

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
 Data File : VX008062.D
 Acq On : 14 Mar 2019 10:05
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 14 14:47:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 14 14:45:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	459808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	402334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	18315	5.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.84%	
35) Dibromofluoromethane	5.51	113	15744	5.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.30%	
50) Toluene-d8	8.71	98	55924	5.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.42%	
62) 4-Bromofluorobenzene	11.13	95	18925	4.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.80%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	12190	4.741	ug/l 97
3) Chloromethane	1.33	50	15624	5.605	ug/l 96
4) Vinyl Chloride	1.41	62	15960	5.997	ug/l 100
5) Bromomethane	1.64	94	8985	6.648	ug/l 100
6) Chloroethane	1.72	64	9639	6.168	ug/l 95
7) Trichlorofluoromethane	1.93	101	20464	6.488	ug/l 100
8) Diethyl Ether	2.19	74	8835	5.199	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	13265	5.295	ug/l 98
10) Methyl Iodide	2.51	142	16951	4.280	ug/l 97
11) Tert butyl alcohol	3.07	59	16446	26.516	ug/l 95
12) 1,1-Dichloroethene	2.38	96	12073	5.012	ug/l 96
13) Acrolein	2.30	56	15933	27.793	ug/l 99
14) Allyl chloride	2.73	41	23466	5.310	ug/l 98
15) Acrylonitrile	3.15	53	41182	27.326	ug/l 99
16) Acetone	2.45	43	41149	28.143	ug/l 100
17) Carbon Disulfide	2.57	76	32580	4.533	ug/l 98
18) Methyl Acetate	2.78	43	16469	4.974	ug/l 94
19) Methyl tert-butyl Ether	3.21	73	44205	5.475	ug/l 98
20) Methylene Chloride	2.86	84	13831	5.231	ug/l 97
21) trans-1,2-Dichloroethene	3.17	96	13250	5.151	ug/l 95
22) Diisopropyl ether	3.87	45	48489	5.482	ug/l 97
23) Vinyl Acetate	3.82	43	200042	25.877	ug/l 100
24) 1,1-Dichloroethane	3.70	63	25766	5.300	ug/l 99
25) 2-Butanone	4.70	43	64587	27.764	ug/l 100
26) 2,2-Dichloropropane	4.59	77	19340	5.323	ug/l 100
27) cis-1,2-Dichloroethene	4.60	96	16829	5.575	ug/l 99
28) Bromochloromethane	5.01	49	12978	5.546	ug/l 100
29) Tetrahydrofuran	5.15	42	39579	26.801	ug/l 97
30) Chloroform	5.22	83	27053	5.690	ug/l 100
31) Cyclohexane	5.57	56	23849	5.163	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	21363	5.138	ug/l 99
36) 1,1-Dichloropropene	5.80	75	19642	5.350	ug/l 99
37) Ethyl Acetate	4.85	43	22254	5.478	ug/l 97
38) Carbon Tetrachloride	5.79	117	18122	4.994	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
 Data File : VX008062.D
 Acq On : 14 Mar 2019 10:05
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 14 14:47:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 14 14:45:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	23560	4.929	ug/l	99
40) Benzene	6.14	78	62009	5.502	ug/l	100
41) Methacrylonitrile	5.05	41	12826	5.537	ug/l	98
42) 1,2-Dichloroethane	6.20	62	20017	5.558	ug/l	97
43) Isopropyl Acetate	6.46	43	34360	5.260	ug/l	99
44) Trichloroethene	7.21	130	17483	5.447	ug/l	94
45) 1,2-Dichloropropane	7.52	63	16153	5.377	ug/l	99
46) Dibromomethane	7.66	93	9834	5.169	ug/l	93
47) Bromodichloromethane	7.90	83	18386	5.098	ug/l	97
48) Methyl methacrylate	7.77	41	17822	5.099	ug/l	100
49) 1,4-Dioxane	7.76	88	7414	102.250	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	112660	26.292	ug/l	100
52) Toluene	8.78	92	37228	5.154	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	18027	4.388	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	21007	4.595	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	16119	5.537	ug/l	98
56) Ethyl methacrylate	9.18	69	21954	4.907	ug/l	98
57) 1,3-Dichloropropane	9.37	76	25957	5.405	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	60306	23.103	ug/l	99
59) 2-Hexanone	9.49	43	87432	26.525	ug/l	98
60) Dibromochloromethane	9.58	129	14866	4.753	ug/l	100
61) 1,2-Dibromoethane	9.67	107	16035	5.087	ug/l	99
64) Tetrachloroethene	9.34	164	17407	5.522	ug/l	94
65) Chlorobenzene	10.13	112	41089	5.295	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	14368	5.007	ug/l	97
67) Ethyl Benzene	10.25	91	67250	5.115	ug/l	99
68) m/p-Xylenes	10.36	106	51149	10.098	ug/l	100
69) o-Xylene	10.70	106	24836	5.046	ug/l	99
70) Styrene	10.71	104	40341	4.952	ug/l	100
71) Bromoform	10.86	173	10813	4.466	ug/l #	98
73) Isopropylbenzene	11.02	105	67702	5.426	ug/l	99
74) N-amyl acetate	10.90	43	27339	5.238	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	22560	5.800	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	24852	7.560	ug/l	95
77) Bromobenzene	11.26	156	18578	5.569	ug/l	99
78) n-propylbenzene	11.36	91	71583	5.132	ug/l	100
79) 2-Chlorotoluene	11.42	91	45053	5.470	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	55456	5.353	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	5305	4.283	ug/l #	82
82) 4-Chlorotoluene	11.51	91	50707	5.400	ug/l	100
83) tert-Butylbenzene	11.77	119	54190	5.337	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	56355	5.291	ug/l	100
85) sec-Butylbenzene	11.94	105	64645	5.207	ug/l	99
86) p-Isopropyltoluene	12.06	119	58092	5.160	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	32359	5.478	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	32645	5.544	ug/l	96
89) n-Butylbenzene	12.38	91	46151	4.914	ug/l	98
90) Hexachloroethane	12.59	117	8627	4.769	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	32250	5.573	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	4072	4.741	ug/l	96

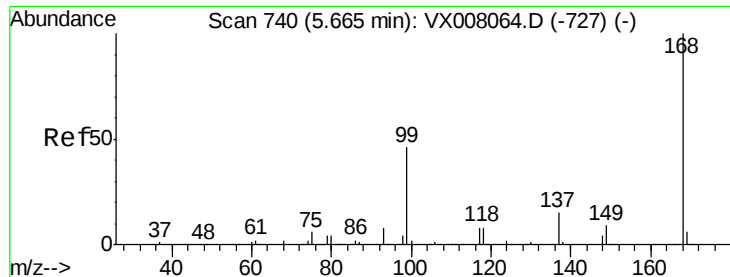
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
Data File : VX008062.D
Acq On : 14 Mar 2019 10:05
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Mar 14 14:47:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 14 14:45:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	21420	5.147	ug/l	99
94) Hexachlorobutadiene	13.78	225	12147	5.355	ug/l	99
95) Naphthalene	13.83	128	59376	4.822	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	21182	5.106	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

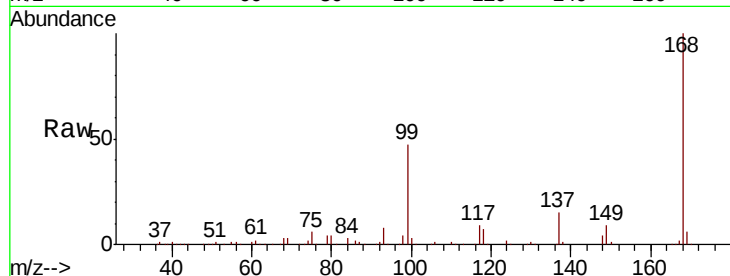
VSTDIC005

Tgt Ion:168 Resp: 319266

Ion Ratio Lower Upper

168 100

99 47.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VX008064.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX008064.D (-727) (-)

5.67

120000

100000

80000

60000

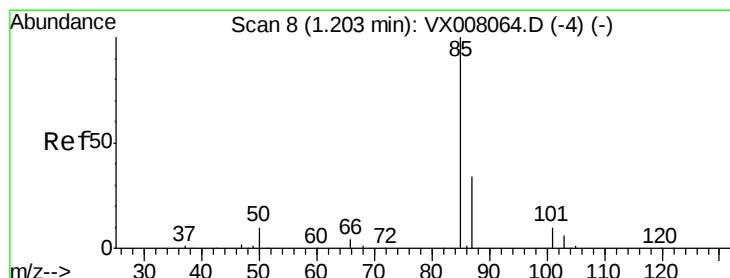
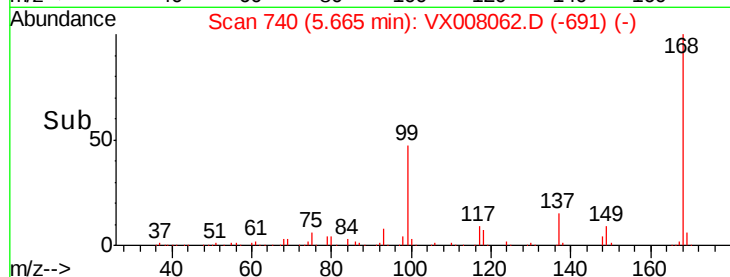
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 4.741 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX008062.D

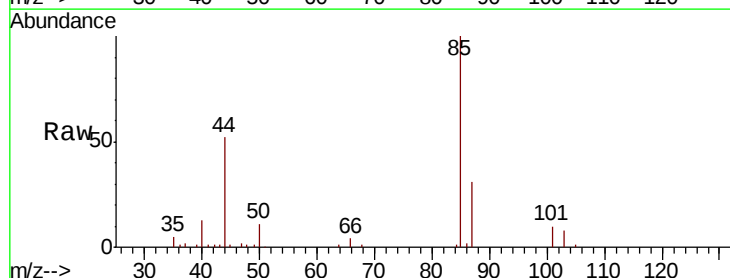
Acq: 14 Mar 2019 10:05

Tgt Ion: 85 Resp: 12190

Ion Ratio Lower Upper

85 100

87 31.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX008064.D (-4) (-)

Ion 86.90 (86.60 to 87.60): VX008064.D (-4) (-)

1.20

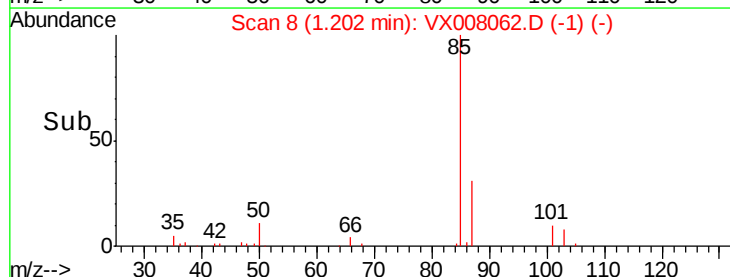
10000

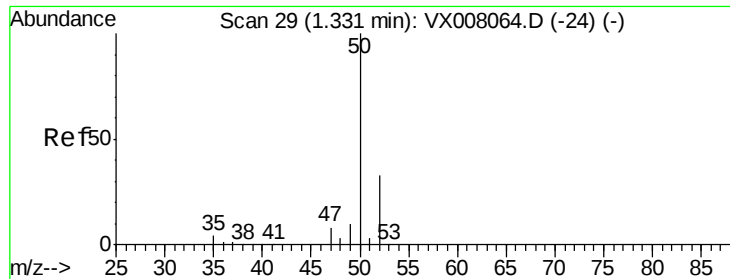
5000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 5.605 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

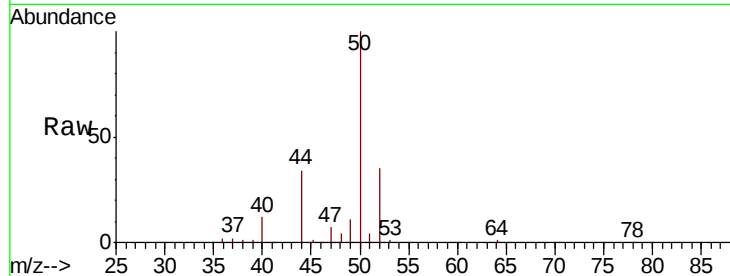
VSTDIC005

Tgt Ion: 50 Resp: 15624

Ion Ratio Lower Upper

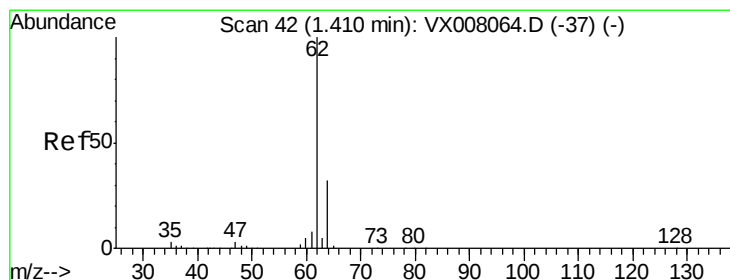
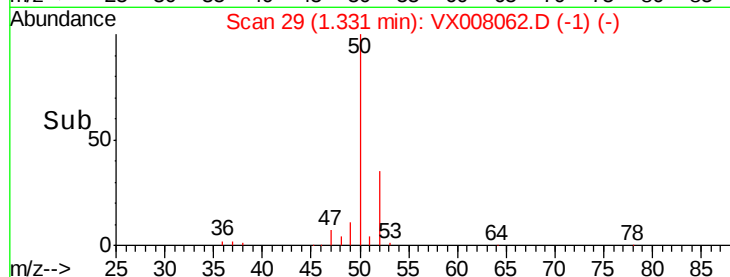
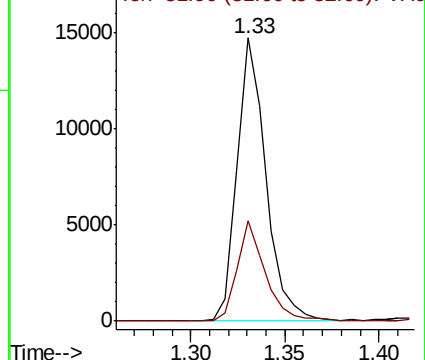
50 100

52 35.3 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 5.997 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008062.D

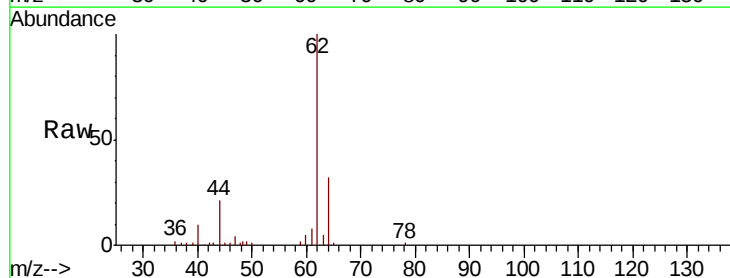
Acq: 14 Mar 2019 10:05

Tgt Ion: 62 Resp: 15960

Ion Ratio Lower Upper

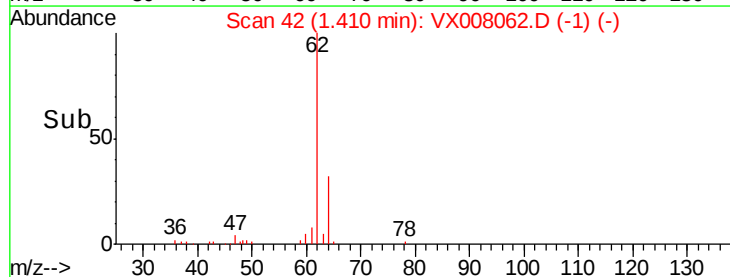
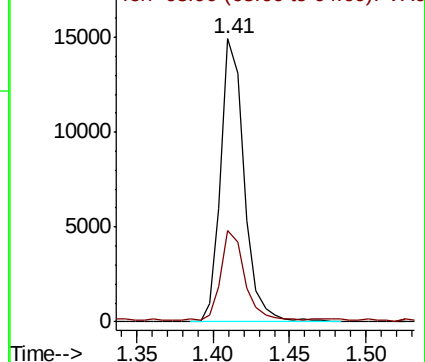
62 100

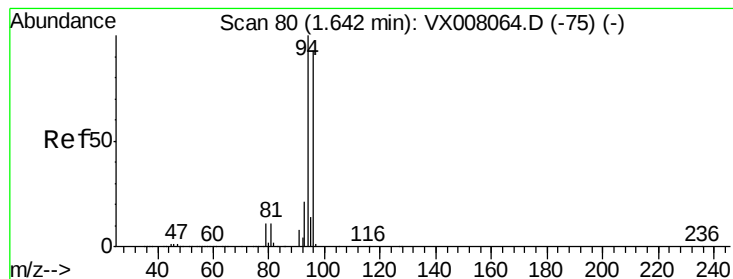
64 31.3 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 6.648 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

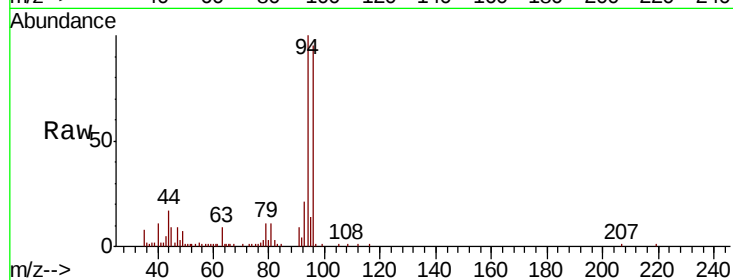
VSTDIC005

Tgt Ion: 94 Resp: 8985

Ion Ratio Lower Upper

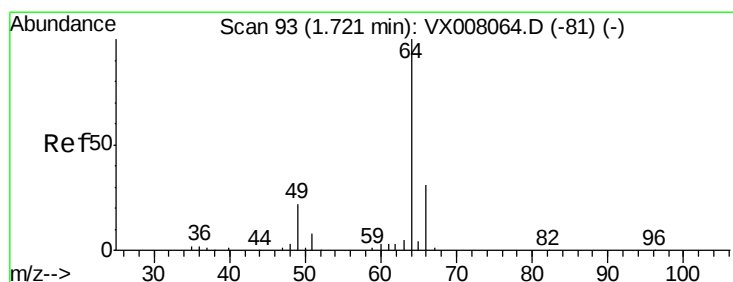
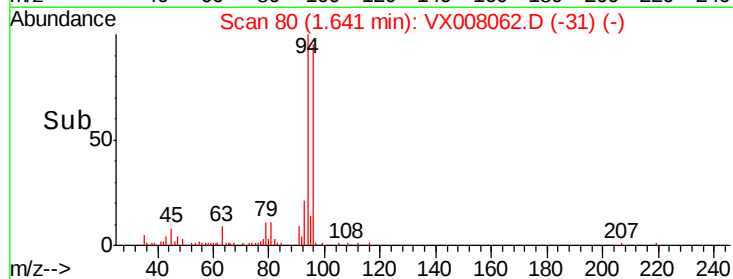
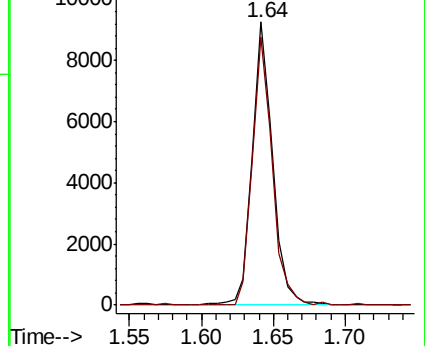
94 100

96 94.9 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 6.168 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008062.D

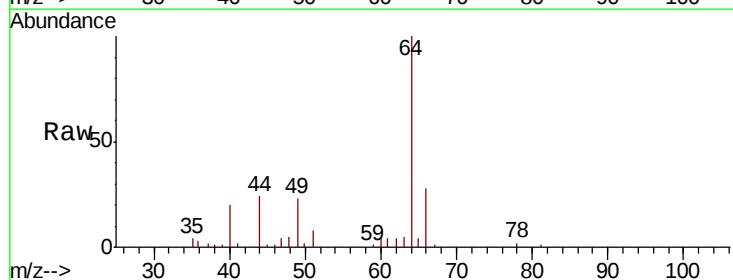
Acq: 14 Mar 2019 10:05

Tgt Ion: 64 Resp: 9639

Ion Ratio Lower Upper

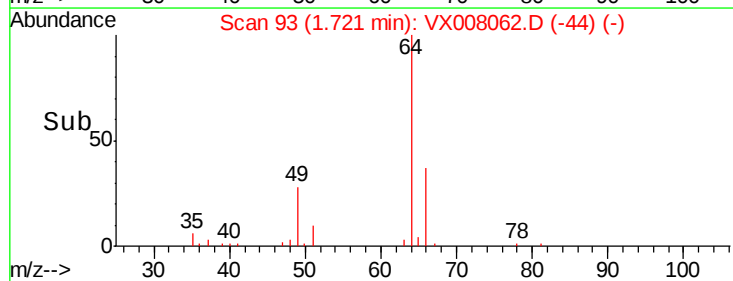
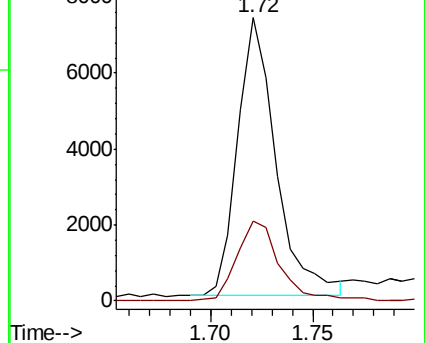
64 100

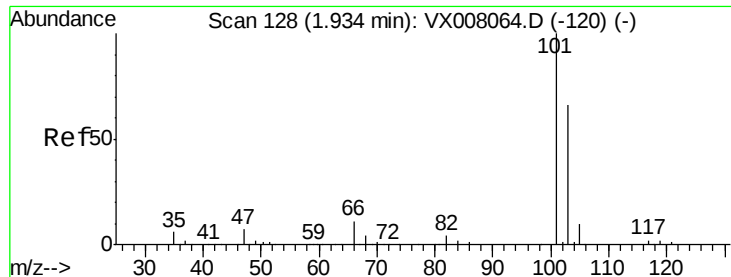
66 28.9 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 6.488 ug/l

RT: 1.93 min Scan# 128

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

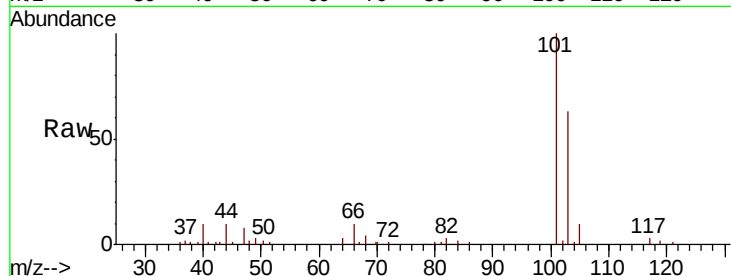
VSTDIC005

Tgt Ion:101 Resp: 20464

Ion Ratio Lower Upper

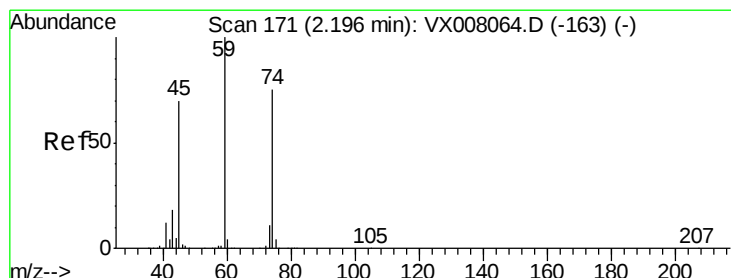
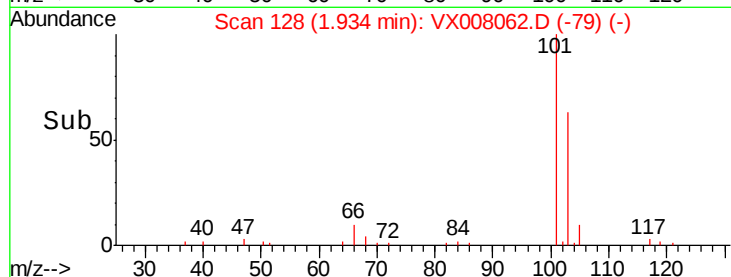
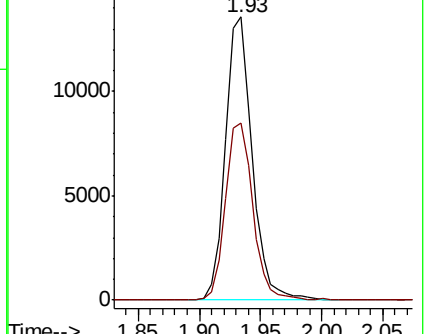
101 100

103 62.6 50.4 75.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.199 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.01 min

Lab File: VX008062.D

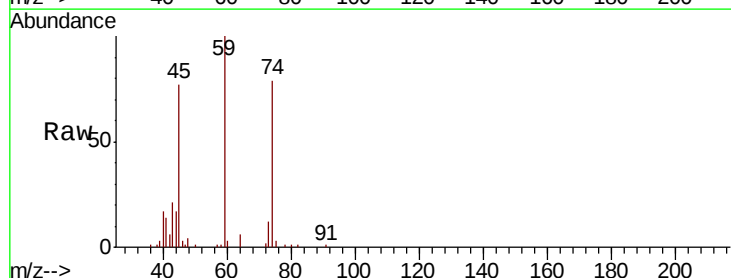
Acq: 14 Mar 2019 10:05

Tgt Ion: 74 Resp: 8835

Ion Ratio Lower Upper

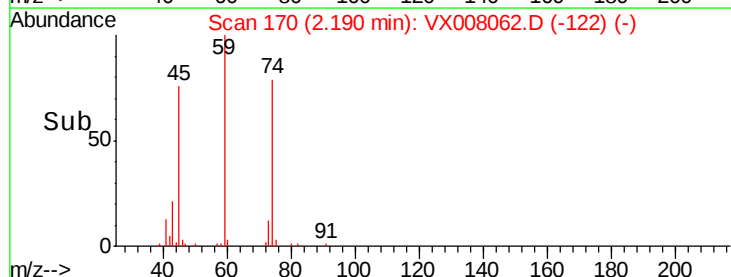
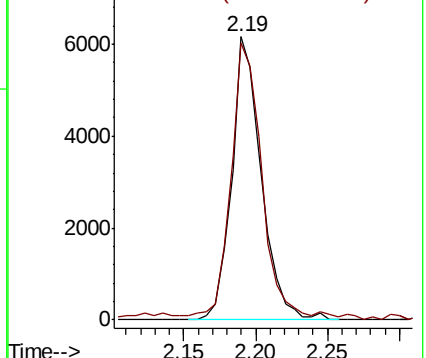
74 100

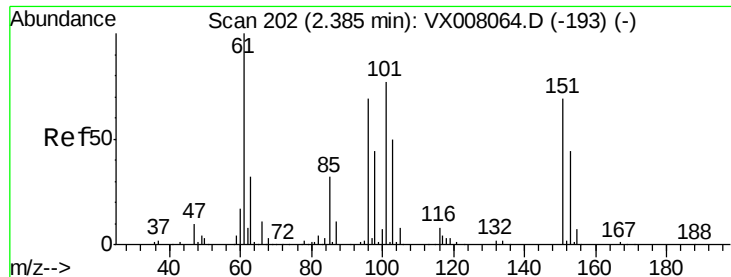
45 98.2 52.1 156.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.295 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

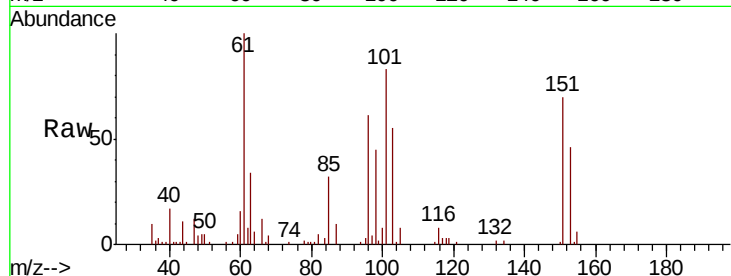
Tgt Ion:101 Resp: 13265

Ion Ratio Lower Upper

101 100

85 42.0 33.8 50.6

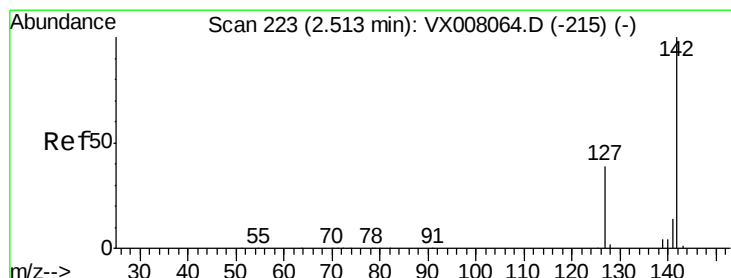
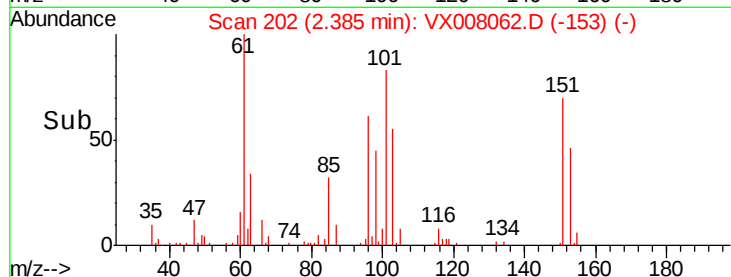
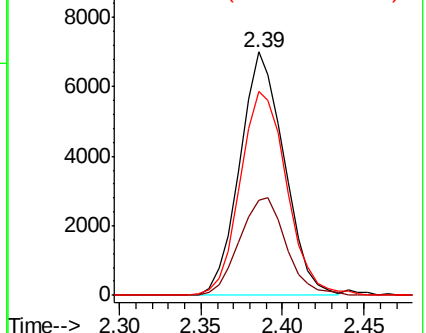
151 88.3 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.280 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

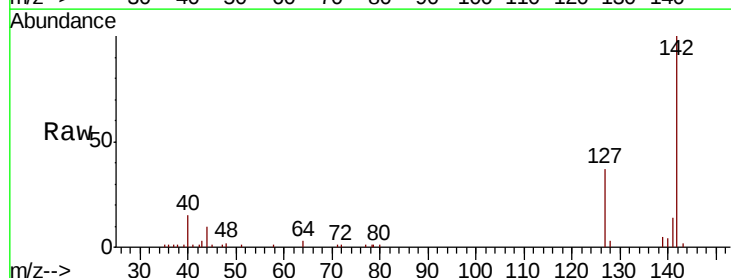
Tgt Ion:142 Resp: 16951

Ion Ratio Lower Upper

142 100

127 37.8 32.1 48.1

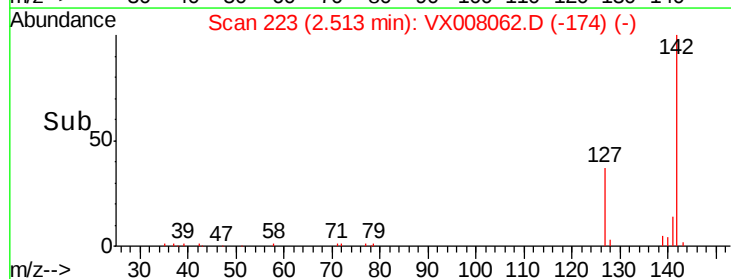
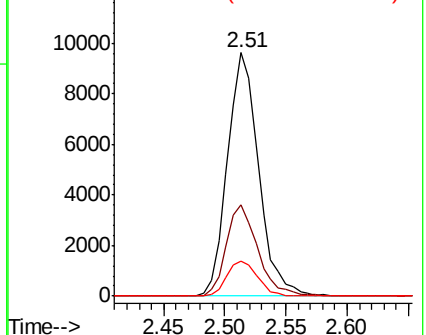
141 14.1 11.4 17.2

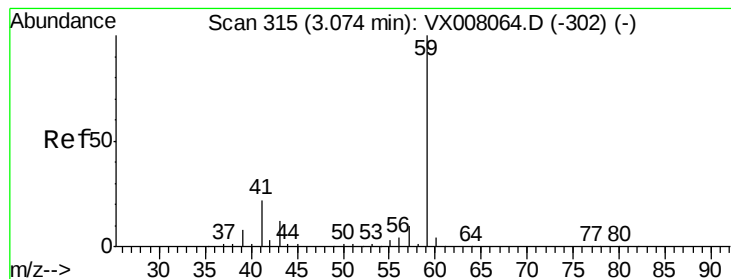


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 26.516 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

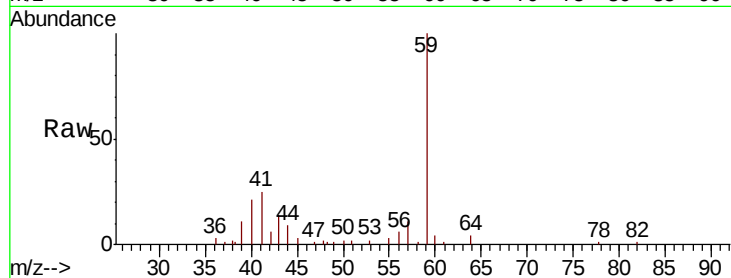
VSTDIC005

Tgt Ion: 59 Resp: 16446

Ion Ratio Lower Upper

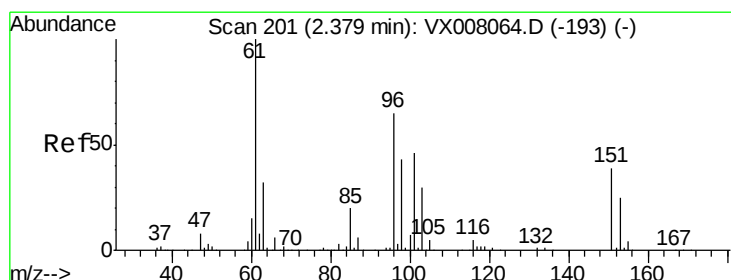
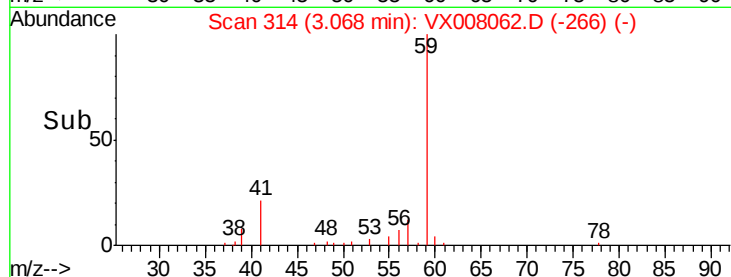
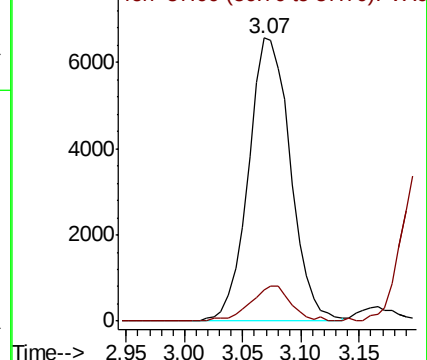
59 100

57 12.1 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 5.012 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

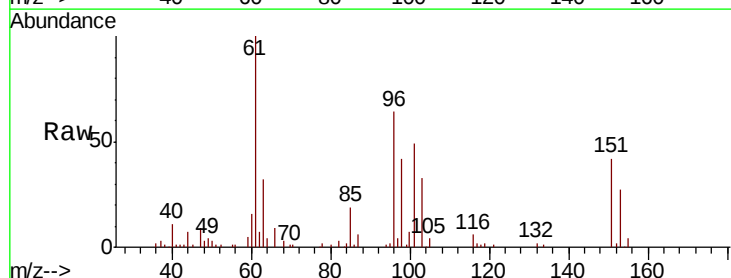
Tgt Ion: 96 Resp: 12073

Ion Ratio Lower Upper

96 100

61 155.9 129.8 194.6

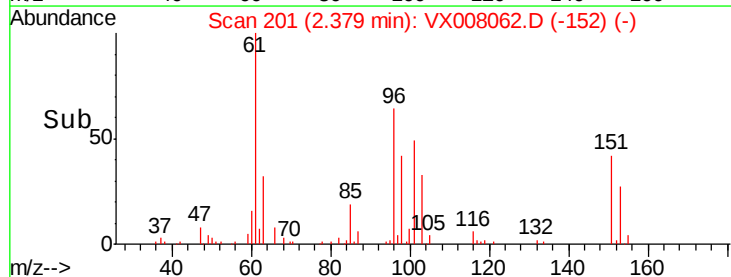
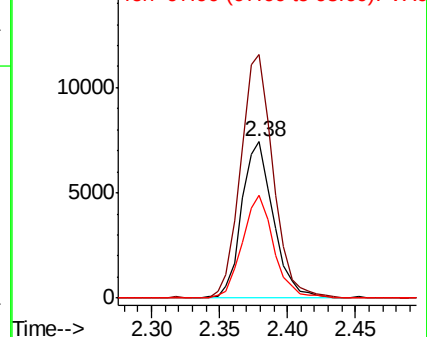
98 66.1 51.0 76.6

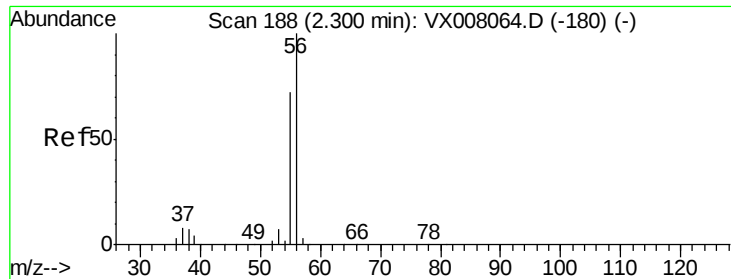


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 27.793 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

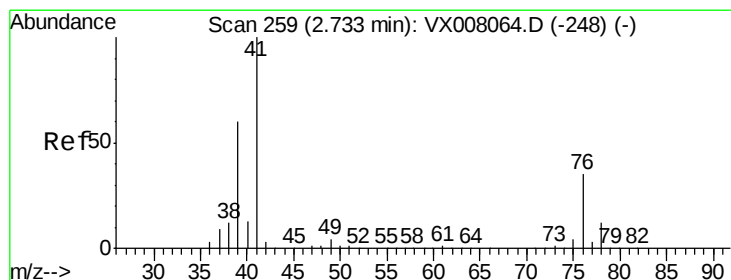
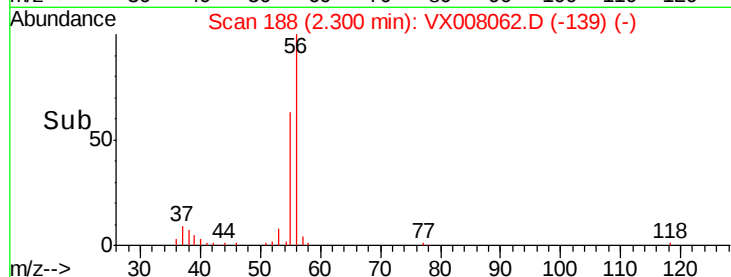
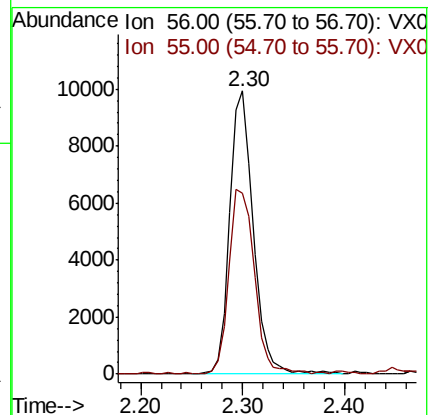
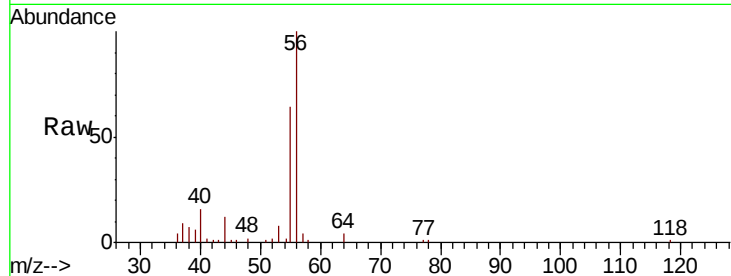
VSTDIC005

Tgt Ion: 56 Resp: 15933

Ion Ratio Lower Upper

56 100

55 71.0 57.8 86.6



#14

Allyl chloride

Concen: 5.310 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

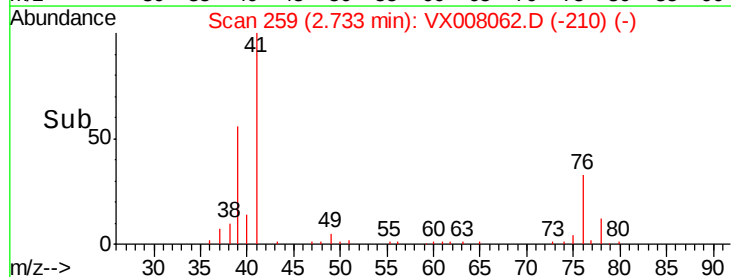
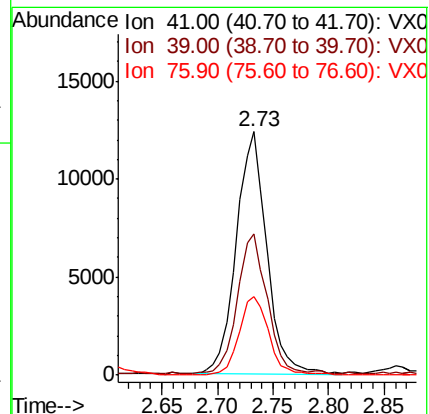
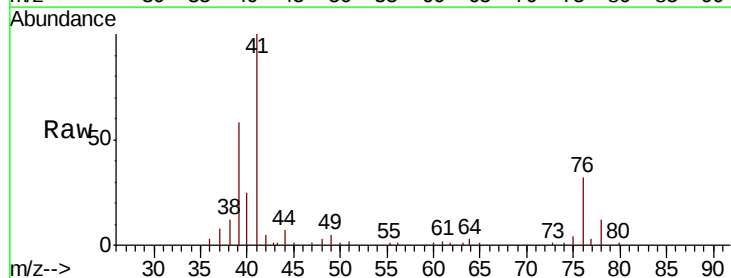
Tgt Ion: 41 Resp: 23466

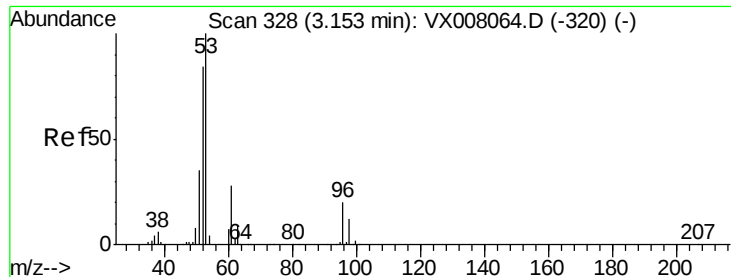
Ion Ratio Lower Upper

41 100

39 55.9 46.1 69.1

76 31.5 24.0 36.0





#15

Acrylonitrile

Concen: 27.326 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

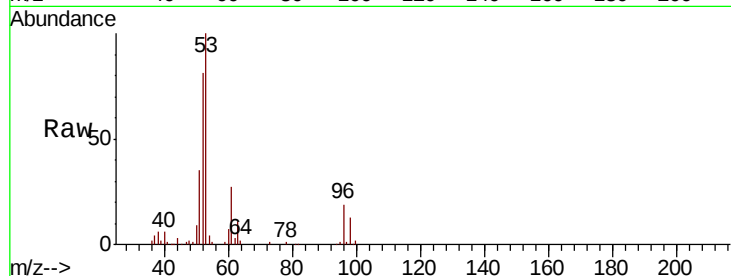
Tgt Ion: 53 Resp: 41182

Ion Ratio Lower Upper

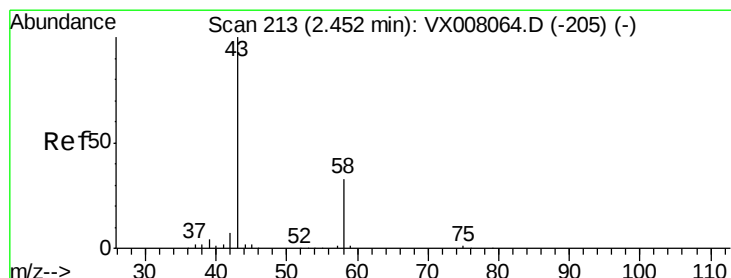
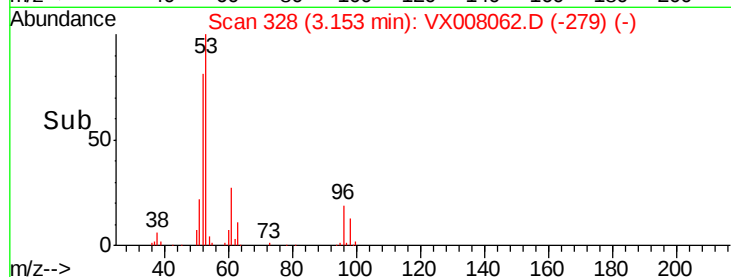
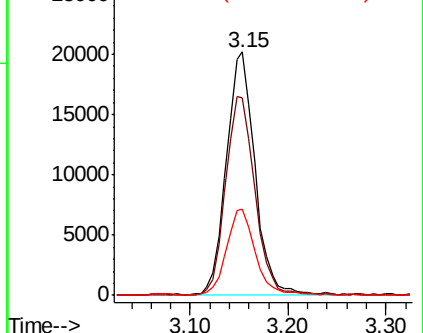
53 100

52 83.7 66.0 99.0

51 36.0 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 28.143 ug/l

RT: 2.45 min Scan# 213

Delta R.T. -0.00 min

Lab File: VX008062.D

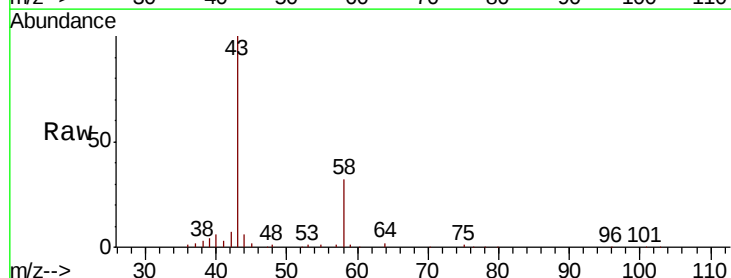
Acq: 14 Mar 2019 10:05

Tgt Ion: 43 Resp: 41149

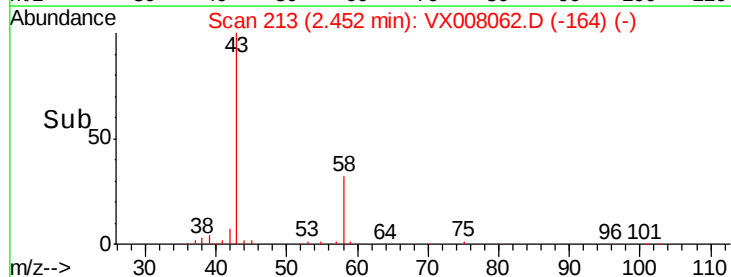
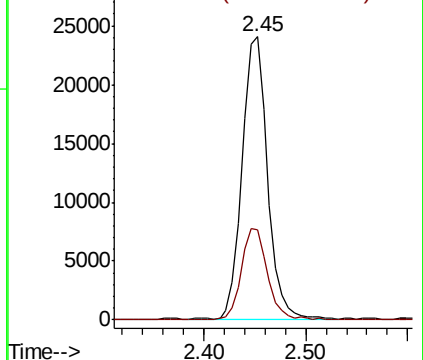
Ion Ratio Lower Upper

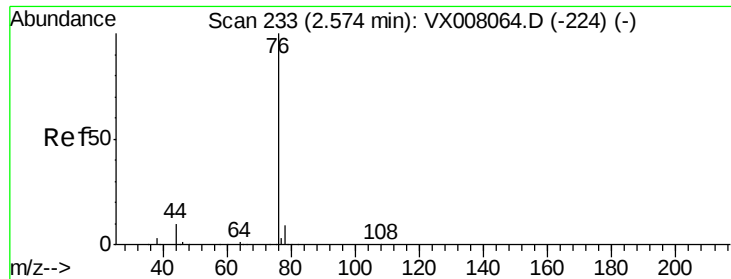
43 100

58 32.1 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

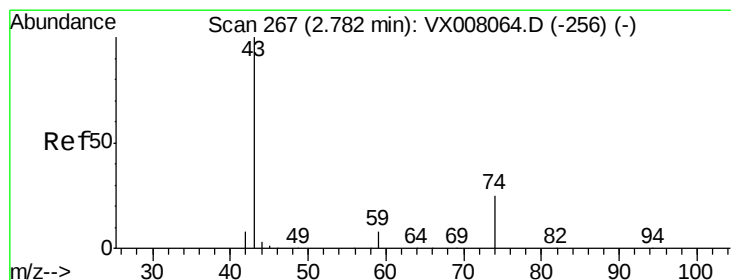
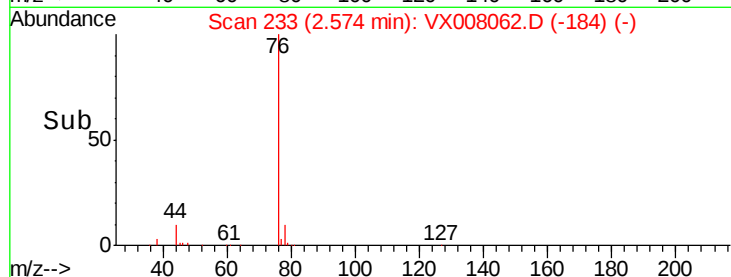
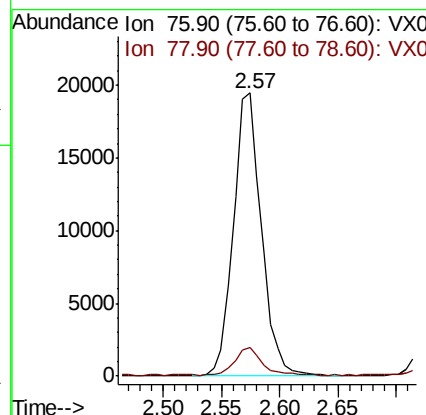
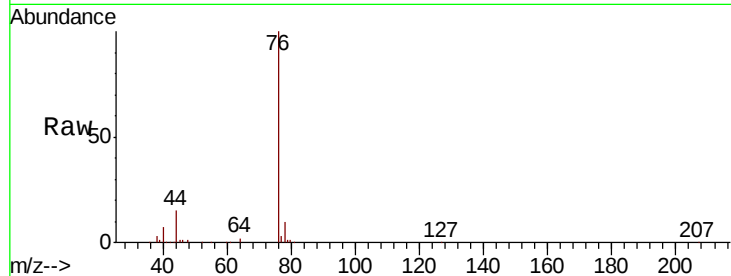




#17
Carbon Disulfide
Concen: 4.533 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX008062.D
Acq: 14 Mar 2019 10:05

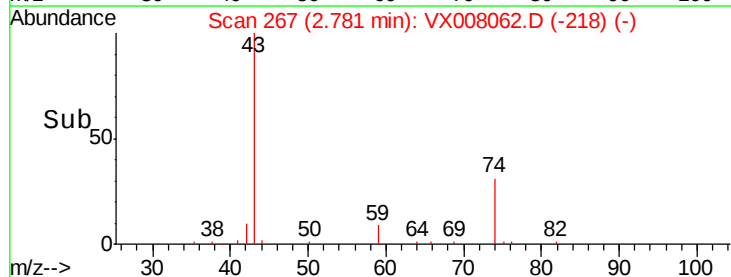
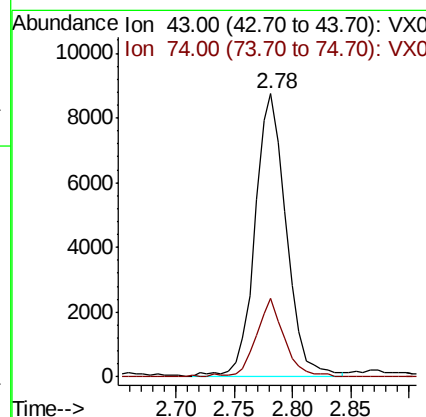
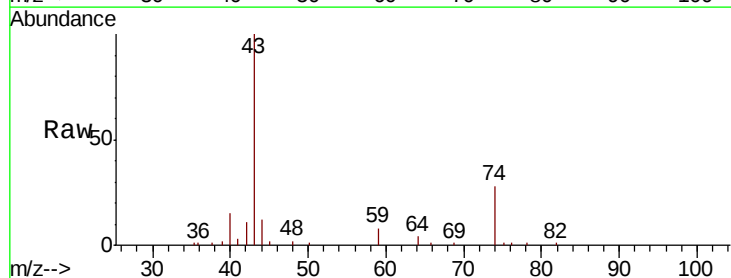
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

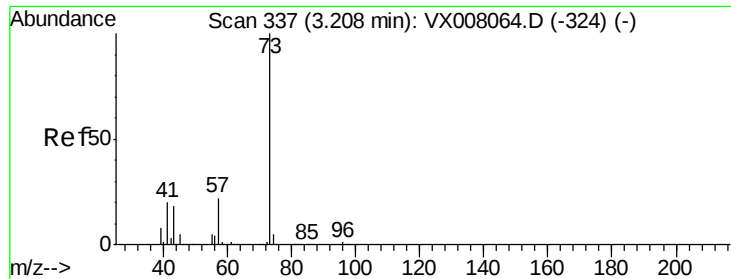
Tgt Ion: 76 Resp: 32580
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8



#18
Methyl Acetate
Concen: 4.974 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX008062.D
Acq: 14 Mar 2019 10:05

Tgt Ion: 43 Resp: 16469
Ion Ratio Lower Upper
43 100
74 25.1 17.8 26.6



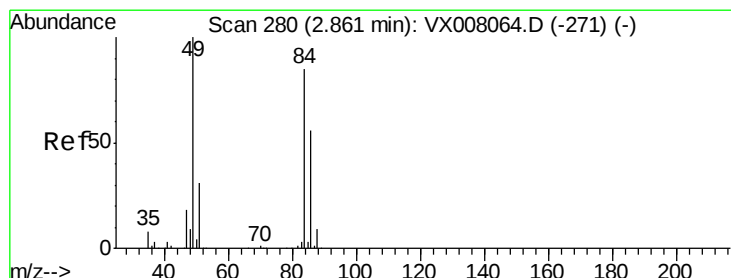
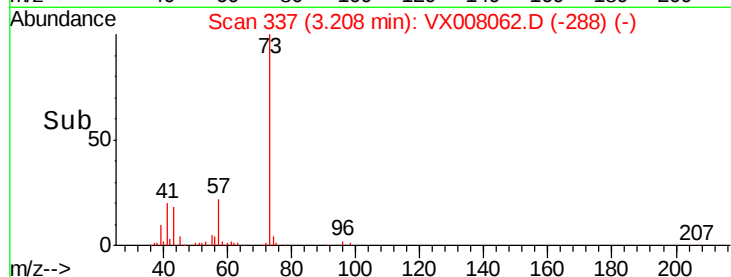
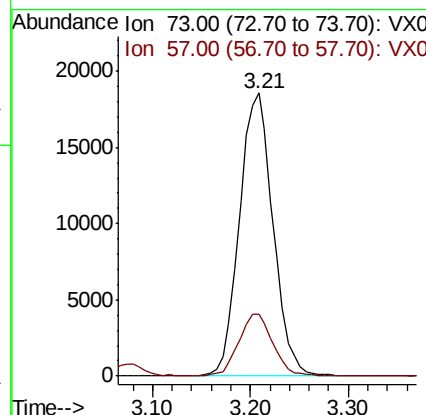
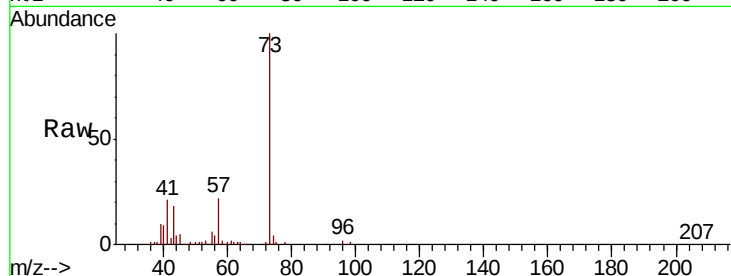


#19

Methyl tert-butyl Ether
 Concen: 5.475 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. -0.00 min
 Lab File: VX008062.D
 Acq: 14 Mar 2019 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

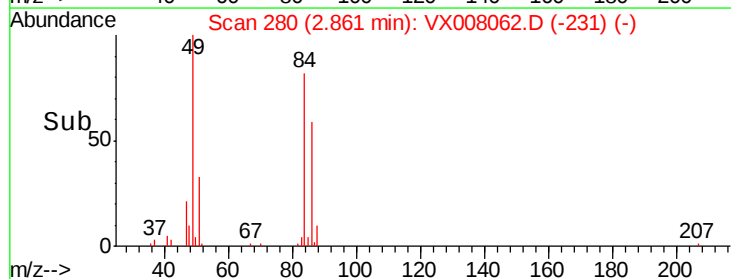
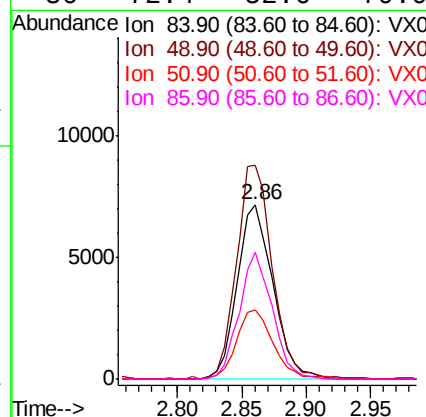
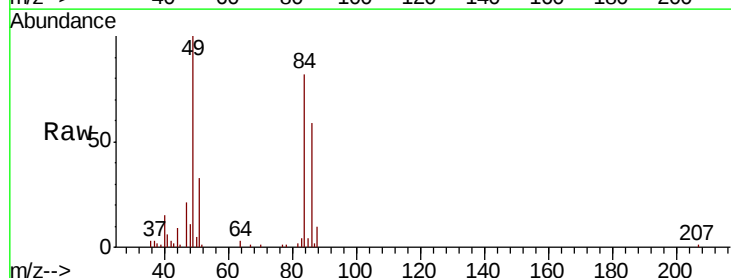
Tgt Ion: 73 Resp: 44205
 Ion Ratio Lower Upper
 73 100
 57 21.7 18.2 27.4

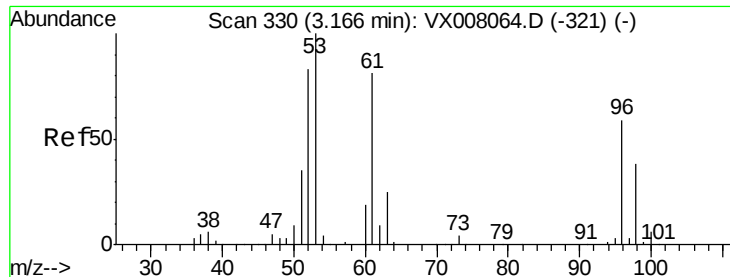


#20

Methylene Chloride
 Concen: 5.231 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX008062.D
 Acq: 14 Mar 2019 10:05

Tgt Ion: 84 Resp: 13831
 Ion Ratio Lower Upper
 84 100
 49 122.4 99.3 148.9
 51 39.8 31.3 46.9
 86 72.4 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 5.151 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

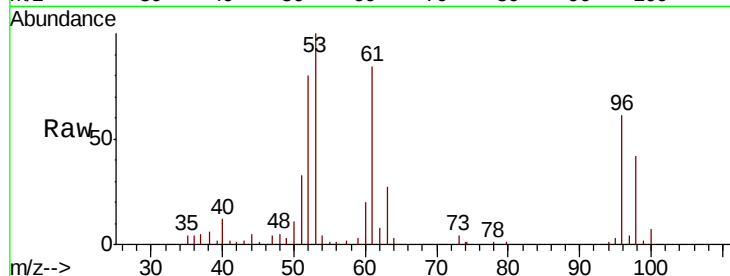
Tgt Ion: 96 Resp: 13250

Ion Ratio Lower Upper

96 100

61 138.2 114.4 171.6

98 69.7 51.1 76.7

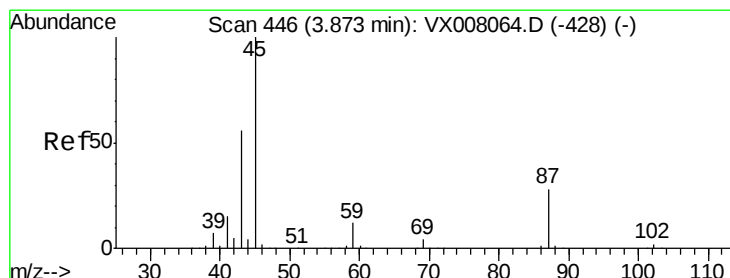
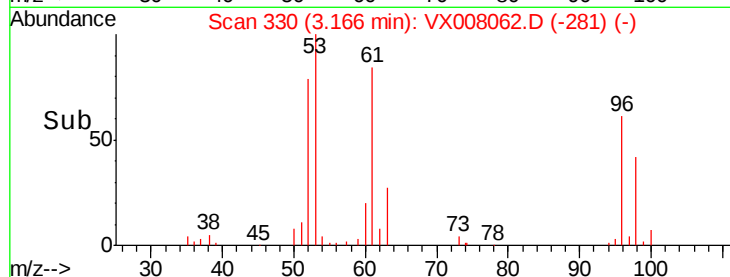
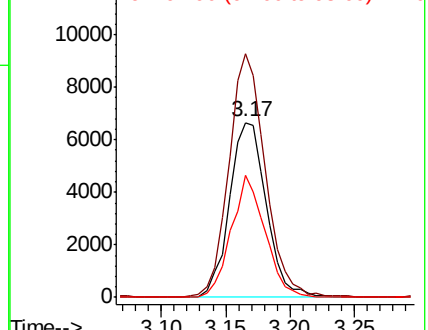


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 5.482 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Tgt Ion: 45 Resp: 48489

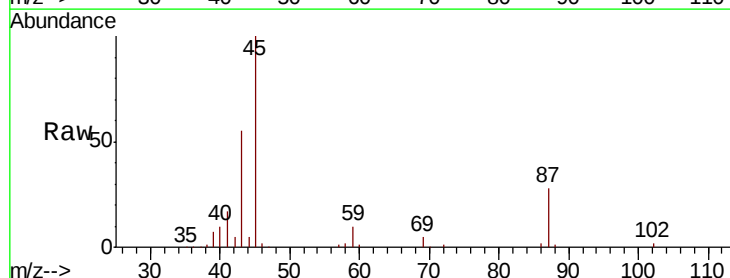
Ion Ratio Lower Upper

45 100

43 54.8 45.3 67.9

87 28.0 21.4 32.0

59 10.5 9.5 14.3



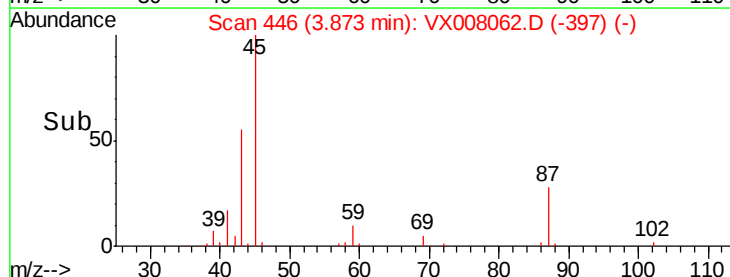
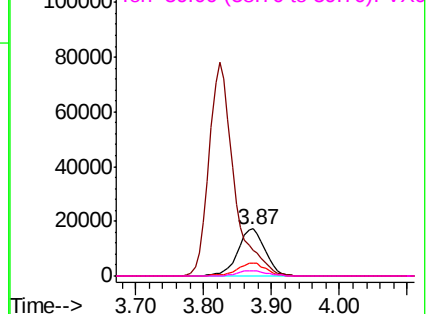
Abundance

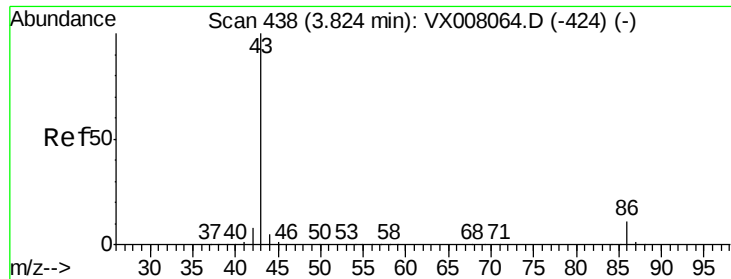
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 25.877 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

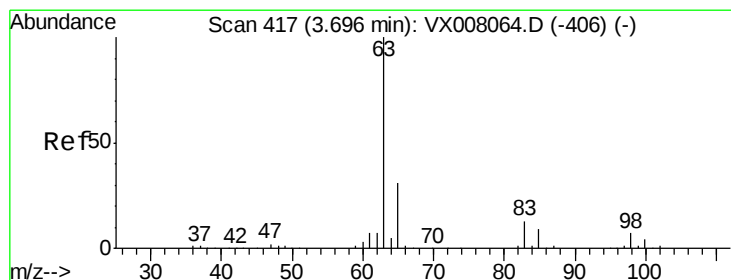
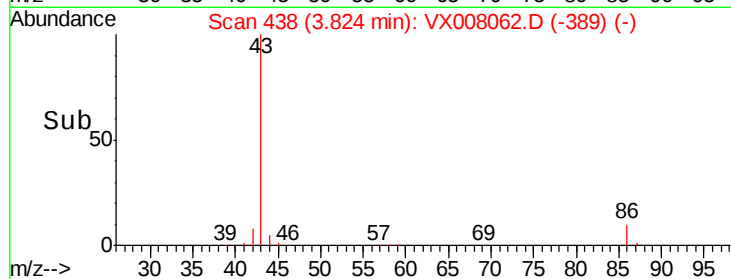
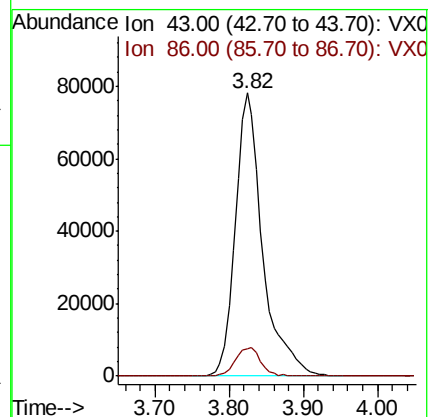
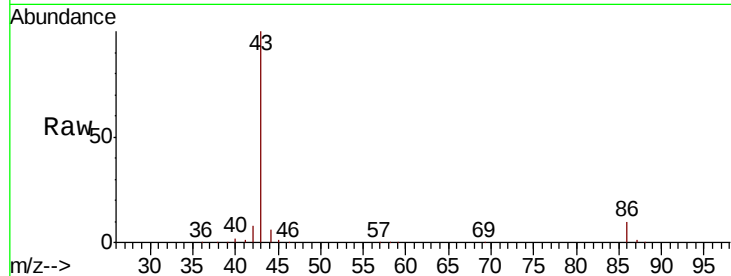
VSTDIC005

Tgt Ion: 43 Resp: 200042

Ion Ratio Lower Upper

43 100

86 9.9 7.9 11.9



#24

1,1-Dichloroethane

Concen: 5.300 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

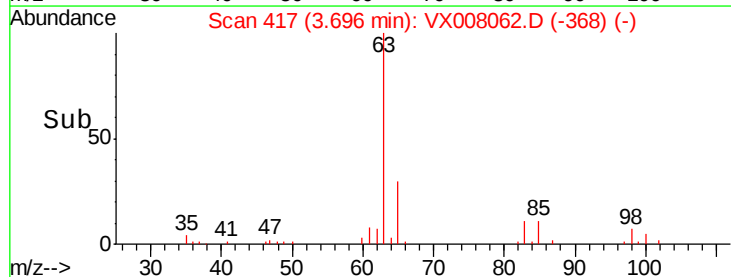
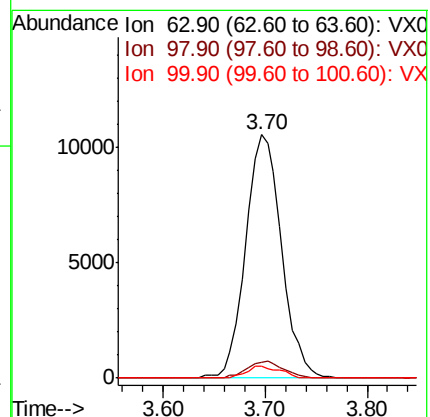
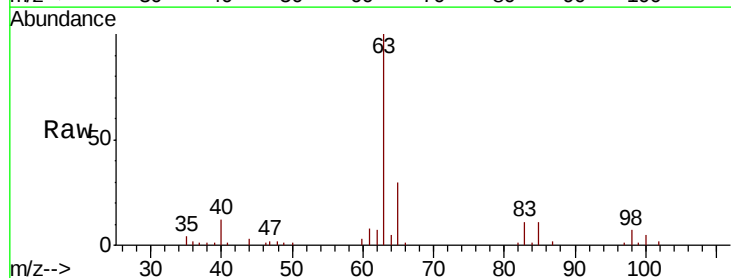
Tgt Ion: 63 Resp: 25766

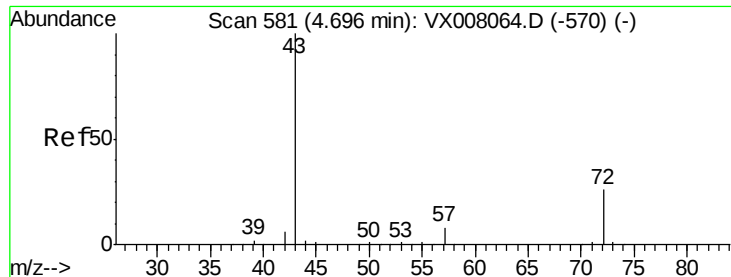
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 4.9 2.3 6.8





#25

2-Butanone

Concen: 27.764 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

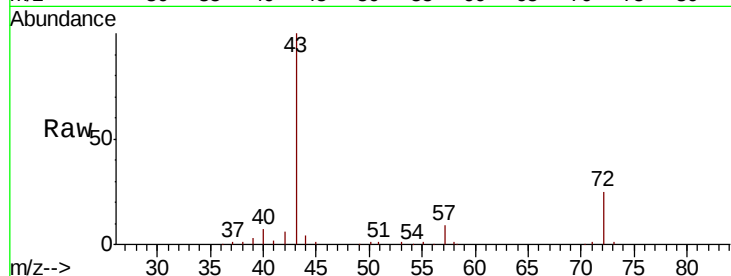
VSTDIC005

Tgt Ion: 43 Resp: 64587

Ion Ratio Lower Upper

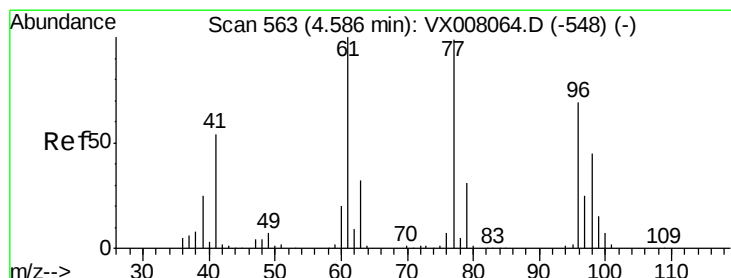
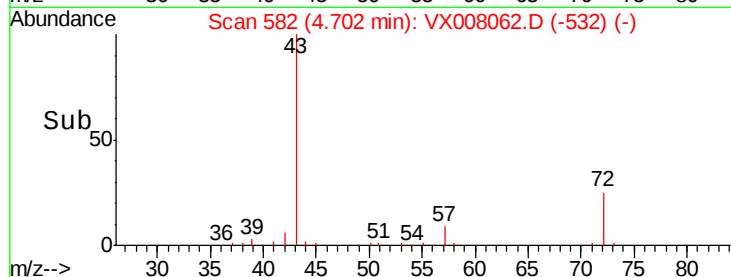
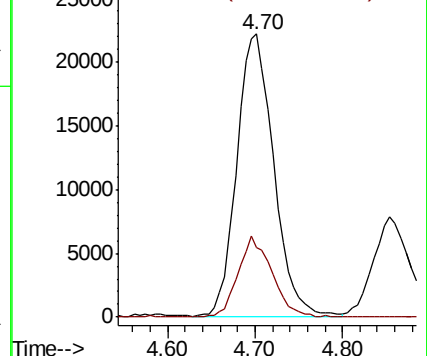
43 100

72 24.8 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 5.323 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008062.D

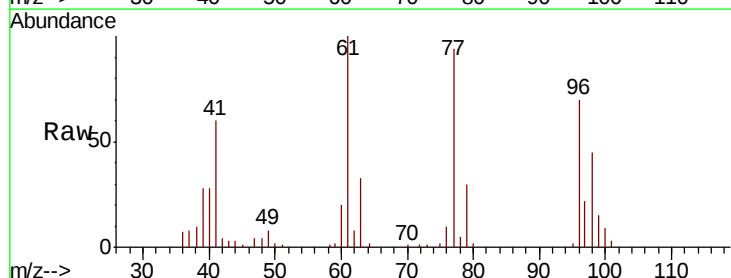
Acq: 14 Mar 2019 10:05

Tgt Ion: 77 Resp: 19340

Ion Ratio Lower Upper

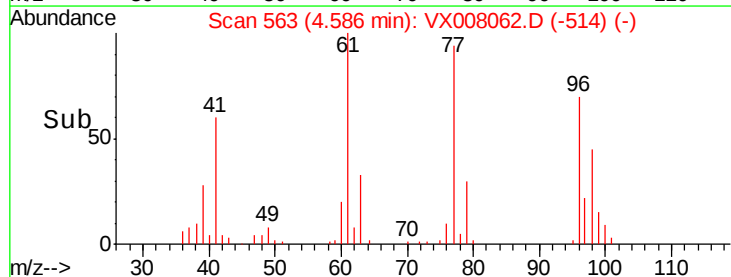
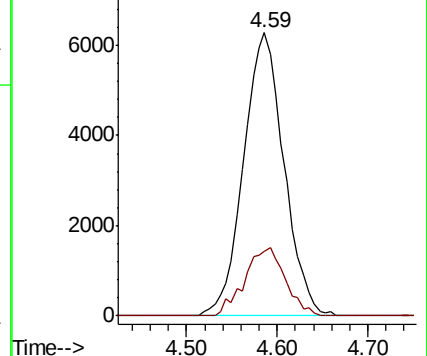
77 100

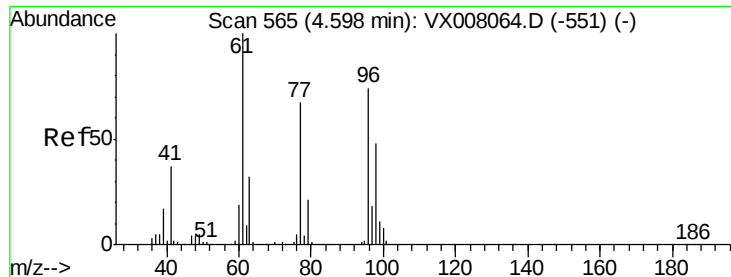
97 24.3 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 5.575 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

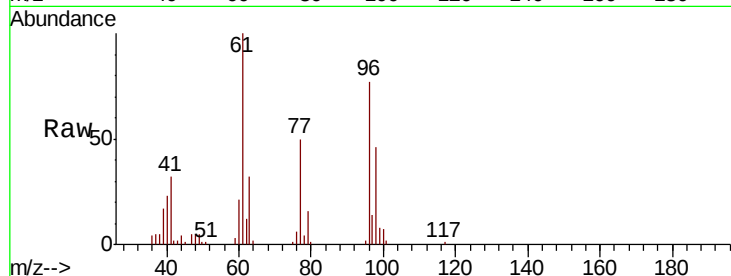
Tgt Ion: 96 Resp: 16829

Ion Ratio Lower Upper

96 100

61 142.8 0.0 288.0

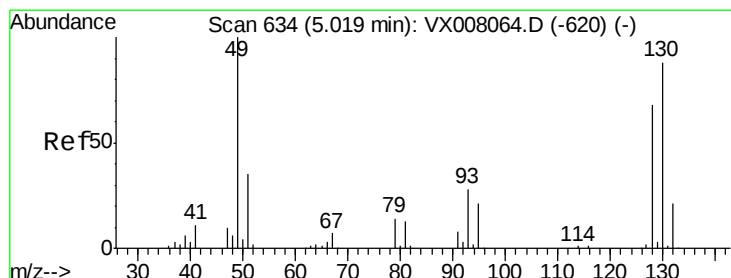
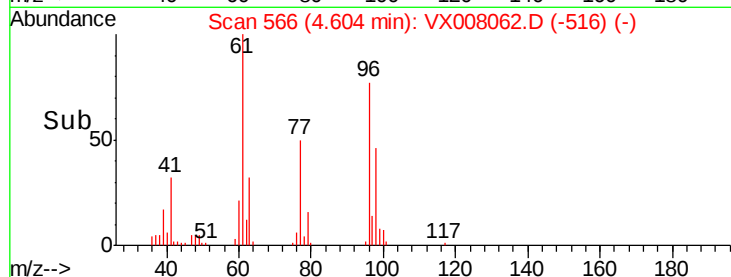
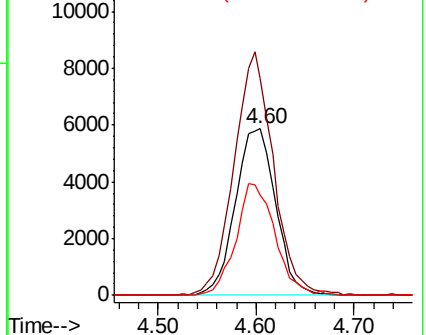
98 65.4 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 5.546 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

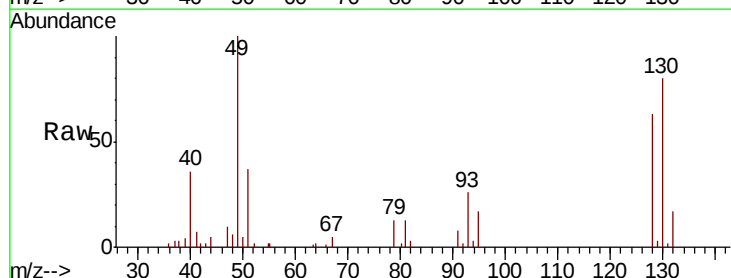
Tgt Ion: 49 Resp: 12978

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

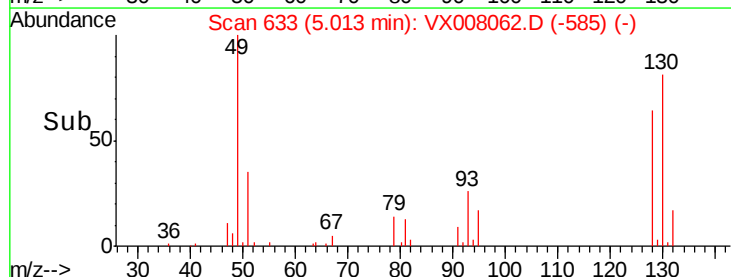
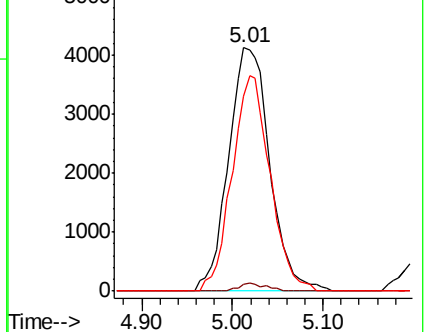
130 81.6 65.0 97.4

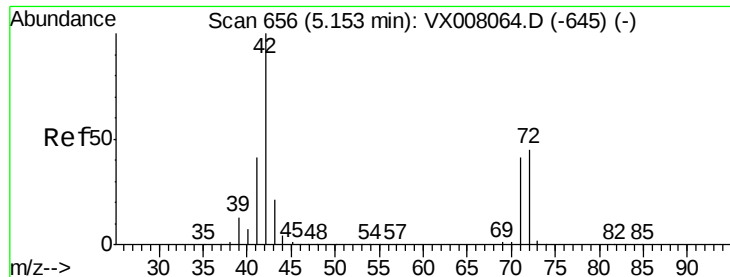


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

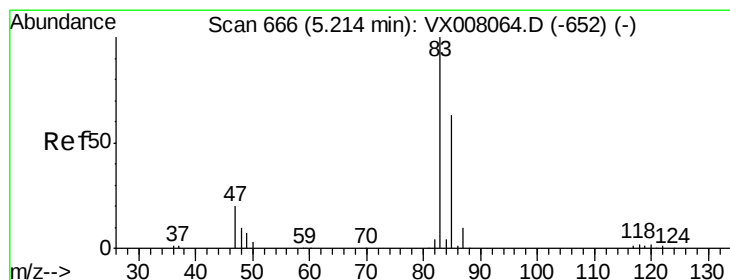
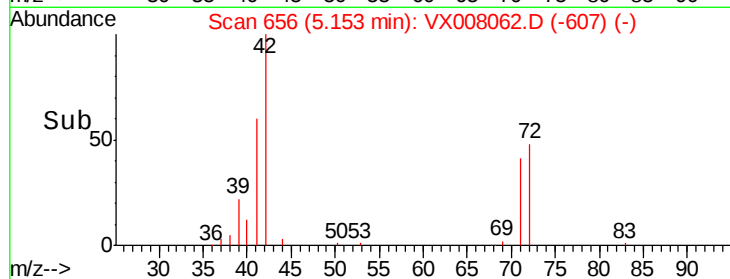
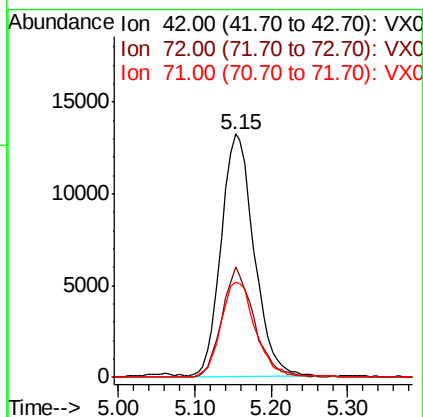
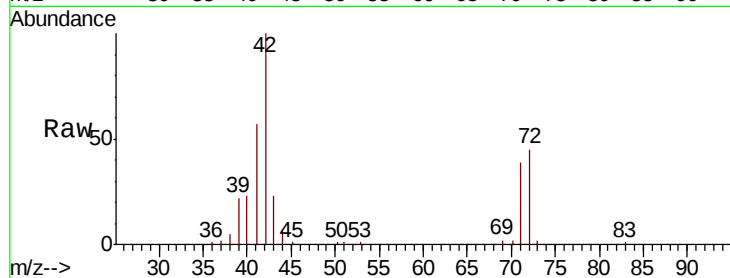




#29
Tetrahydrofuran
Concen: 26.801 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX008062.D
Acq: 14 Mar 2019 10:05

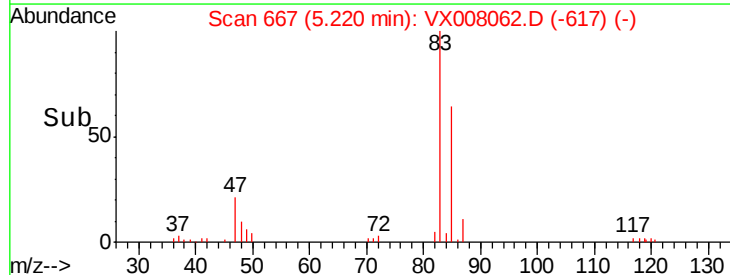
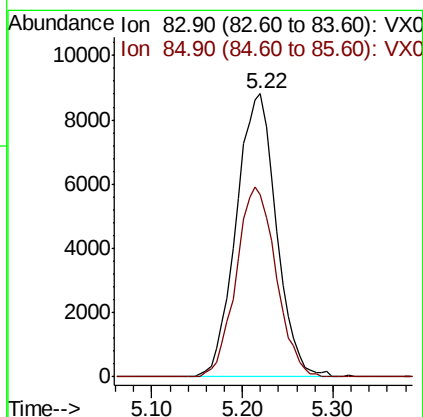
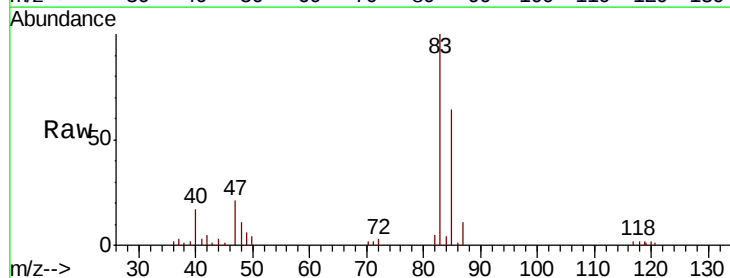
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

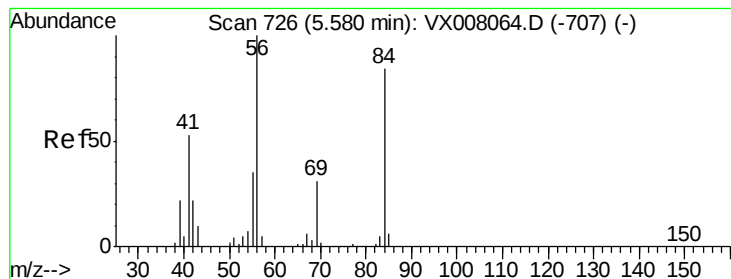
Tgt Ion: 42 Resp: 39579
Ion Ratio Lower Upper
42 100
72 44.0 33.8 50.6
71 40.8 31.5 47.3



#30
Chloroform
Concen: 5.690 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX008062.D
Acq: 14 Mar 2019 10:05

Tgt Ion: 83 Resp: 27053
Ion Ratio Lower Upper
83 100
85 64.5 51.8 77.6





#31

Cyclohexane

Concen: 5.163 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

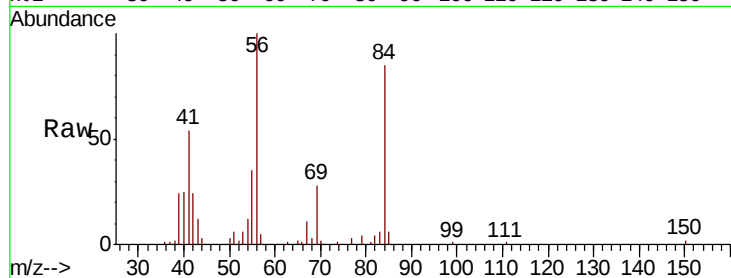
Tgt Ion: 56 Resp: 23849

Ion Ratio Lower Upper

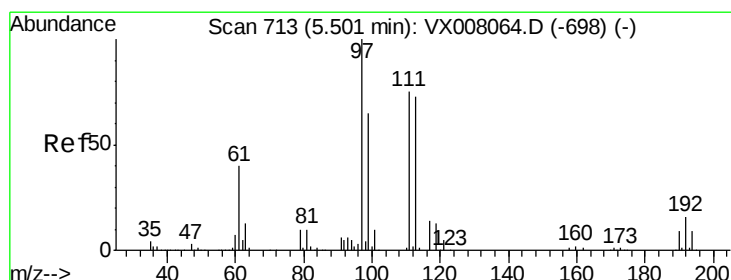
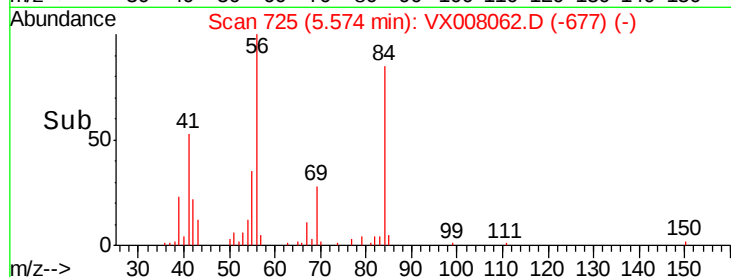
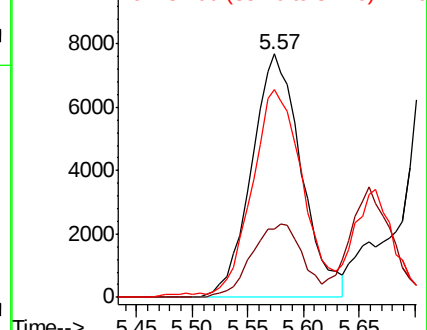
56 100

69 28.3 24.0 36.0

84 84.1 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 5.138 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

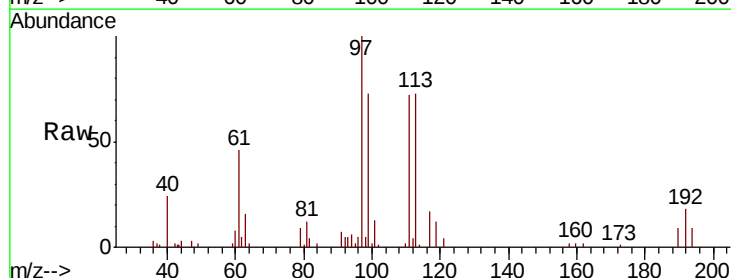
Tgt Ion: 97 Resp: 21363

Ion Ratio Lower Upper

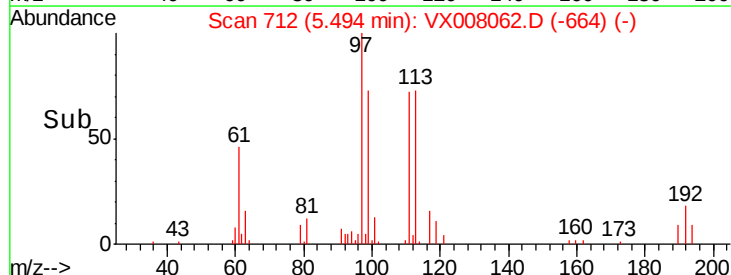
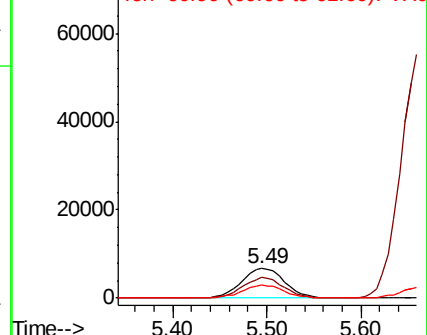
97 100

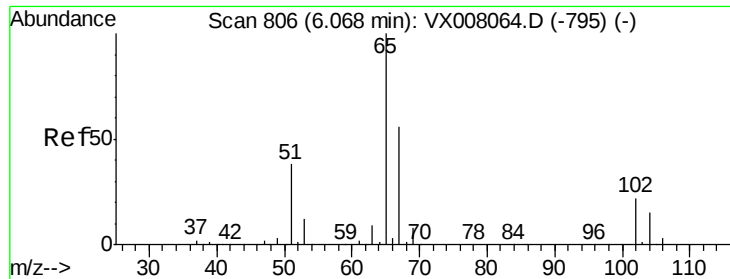
99 66.6 52.2 78.2

61 43.2 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

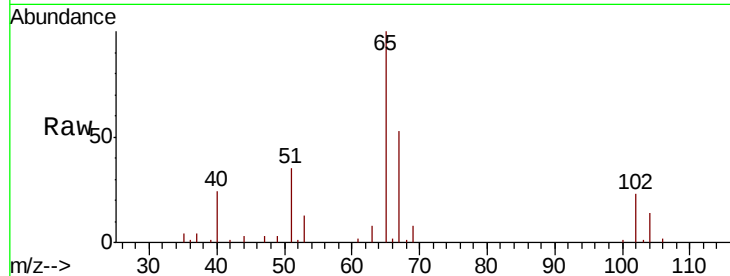




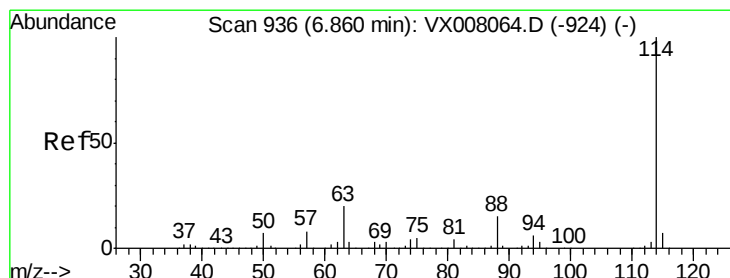
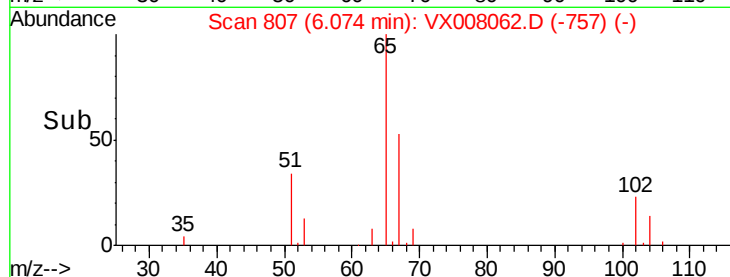
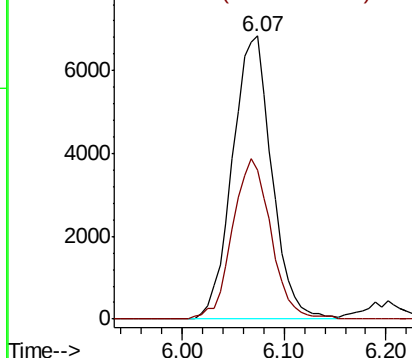
#33
 1,2-Dichloroethane-d4
 Concen: 5.921 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX008062.D
 Acq: 14 Mar 2019 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 65 Resp: 18315
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 110.0

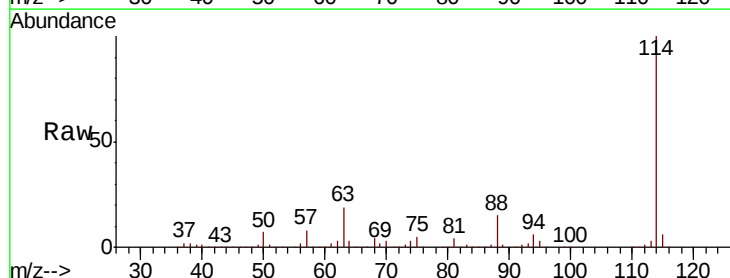


Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

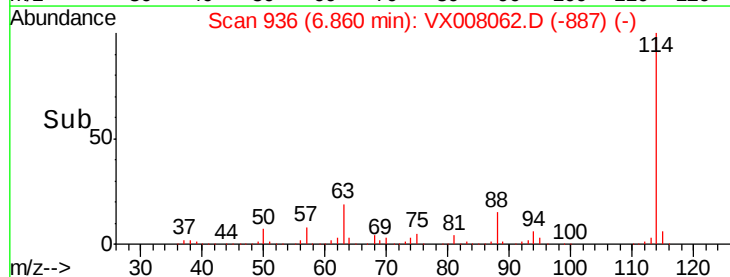
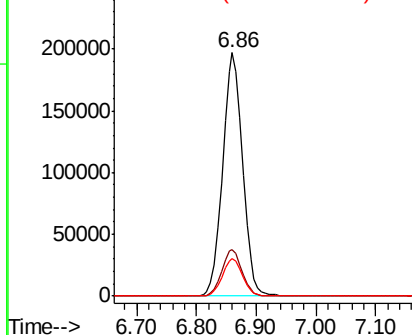


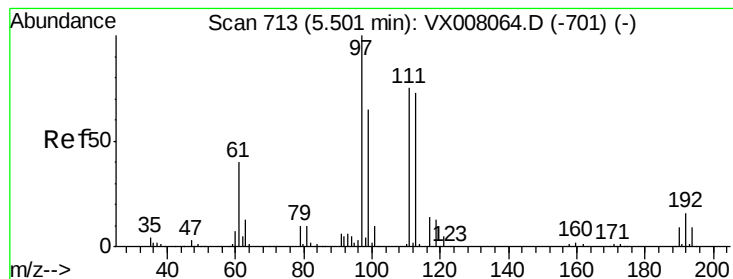
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008062.D
 Acq: 14 Mar 2019 10:05

Tgt Ion: 114 Resp: 459808
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.8
 88 15.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 5.653 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

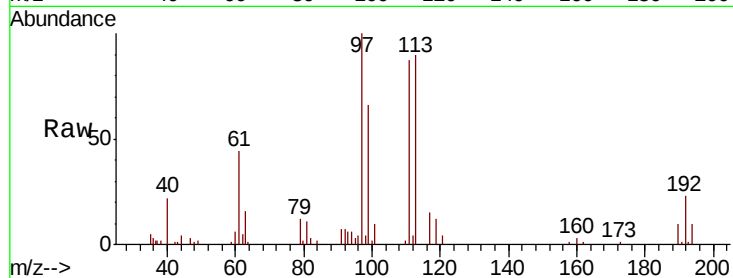
Tgt Ion:113 Resp: 15744

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

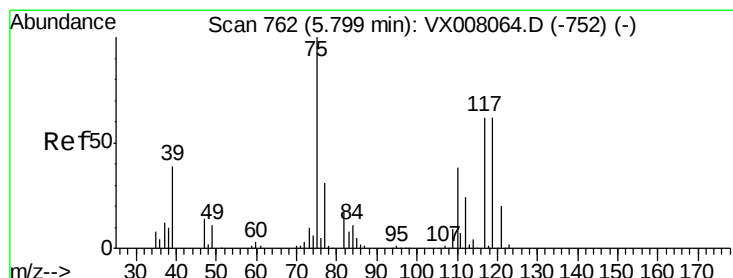
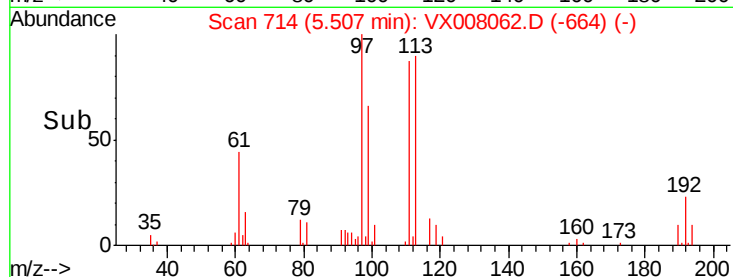
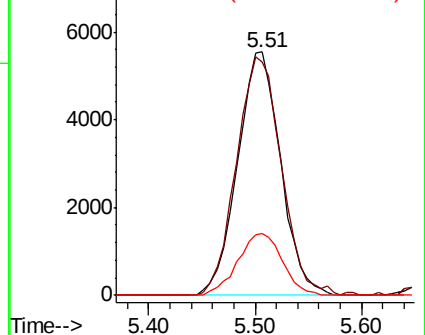
192 26.1 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.350 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

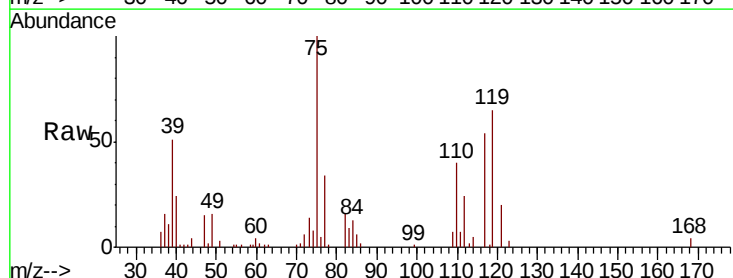
Tgt Ion: 75 Resp: 19642

Ion Ratio Lower Upper

75 100

110 36.5 18.4 55.0

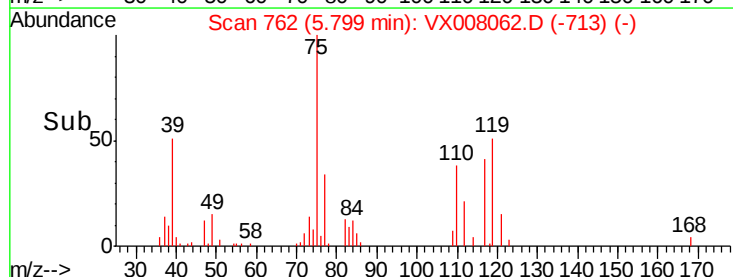
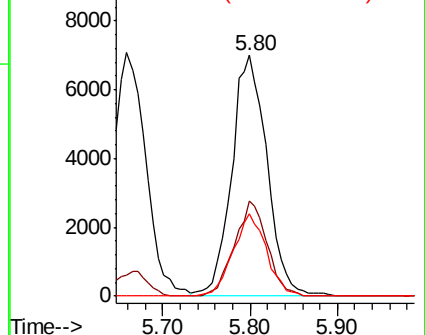
77 32.2 25.0 37.4

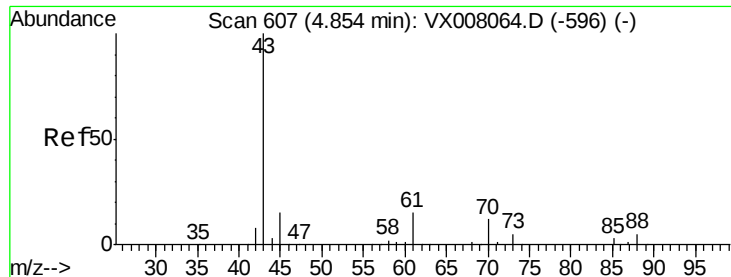


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 5.478 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

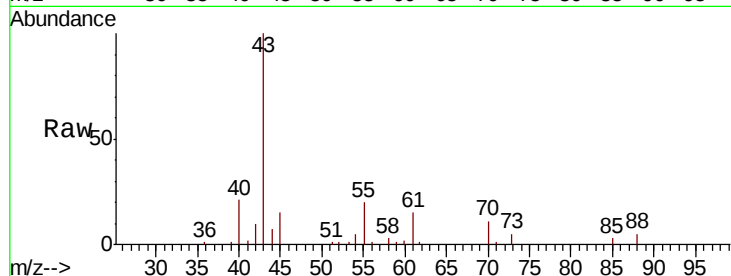
Tgt Ion: 43 Resp: 22254

Ion Ratio Lower Upper

43 100

61 15.4 11.3 16.9

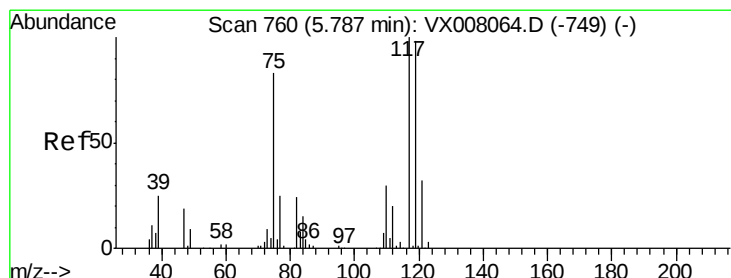
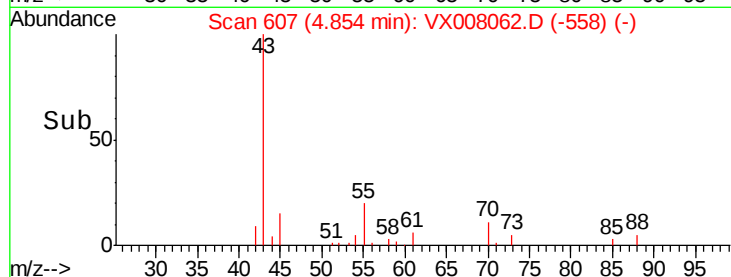
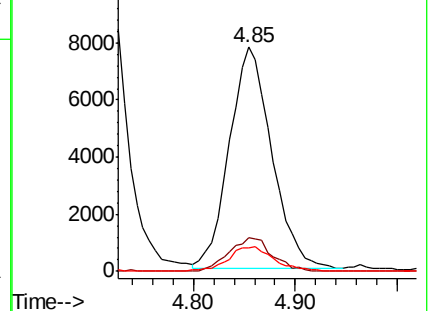
70 12.0 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX008062.D (-596) (-)

Ion 60.90 (60.60 to 61.60): VX008062.D (-596) (-)

Ion 70.00 (69.70 to 70.70): VX008062.D (-596) (-)



#38

Carbon Tetrachloride

Concen: 4.994 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

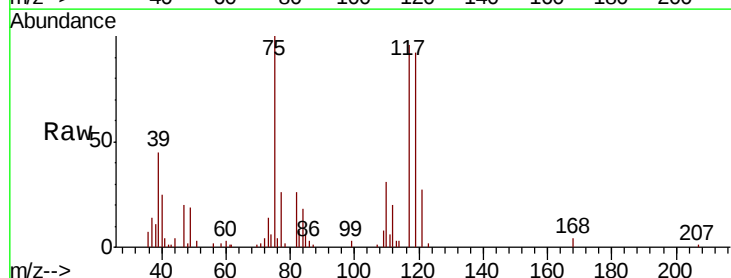
Tgt Ion: 117 Resp: 18122

Ion Ratio Lower Upper

117 100

119 95.6 76.2 114.2

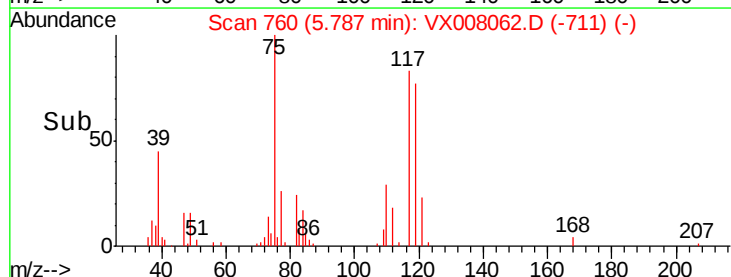
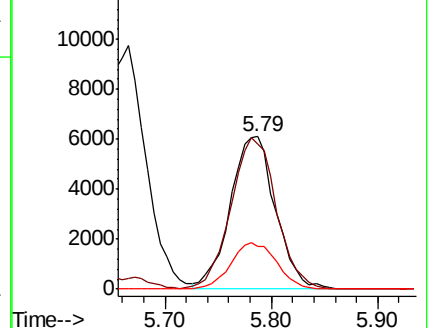
121 28.1 24.6 36.8

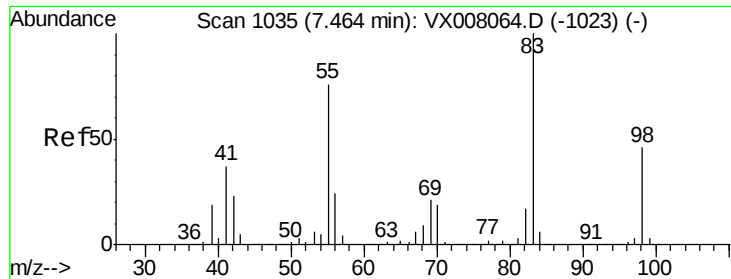


Abundance Ion 116.80 (116.50 to 117.50): VX008062.D (-749) (-)

Ion 118.80 (118.50 to 119.50): VX008062.D (-749) (-)

Ion 120.80 (120.50 to 121.50): VX008062.D (-749) (-)

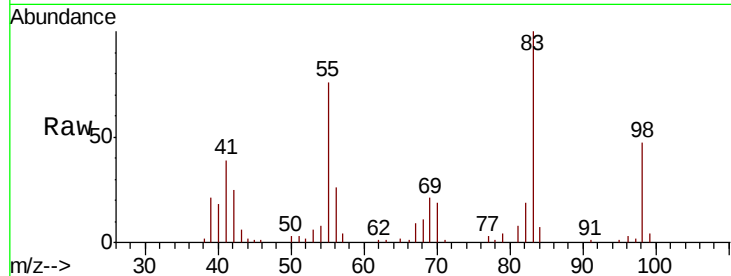




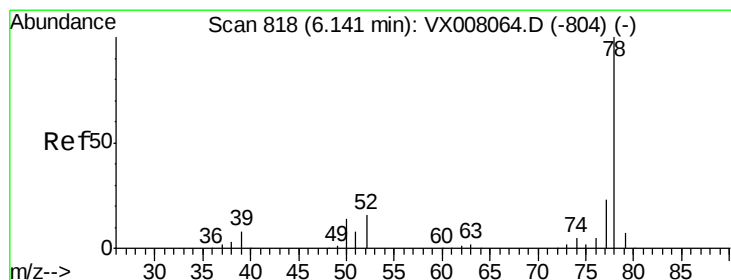
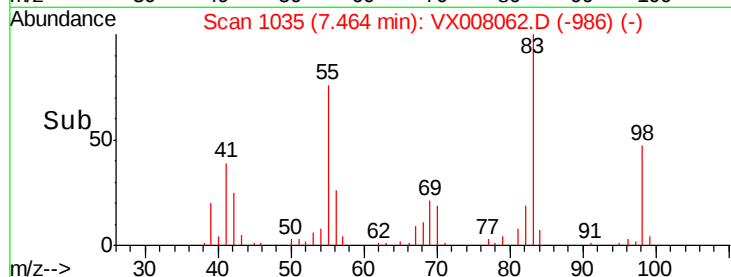
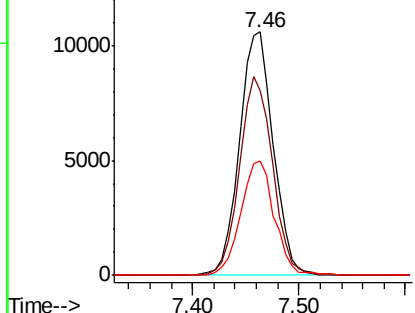
#39
Methylcyclohexane
Concen: 4.929 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008062.D
Acq: 14 Mar 2019 10:05

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion: 83 Resp: 23560
Ion Ratio Lower Upper
83 100
55 75.8 60.4 90.6
98 47.2 36.5 54.7

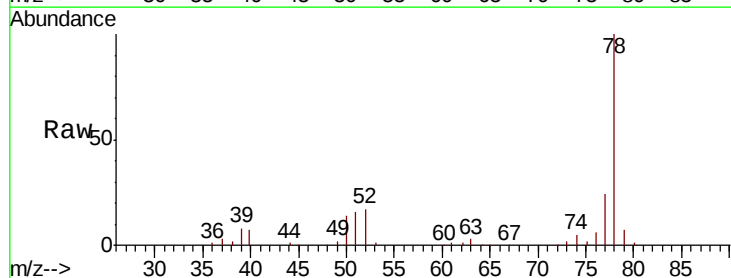


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

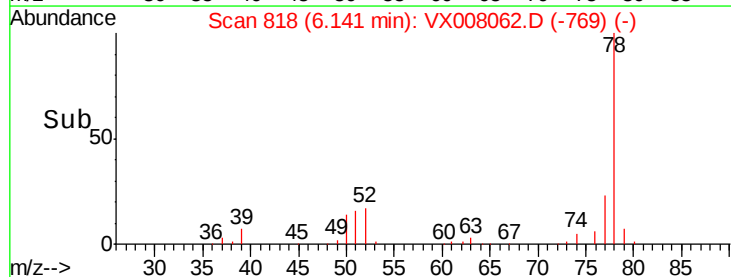
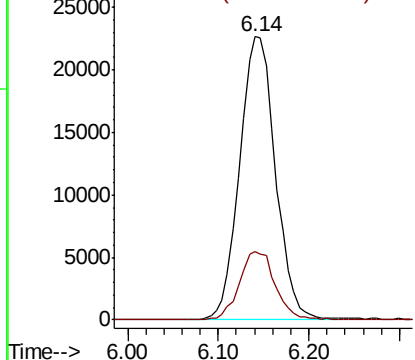


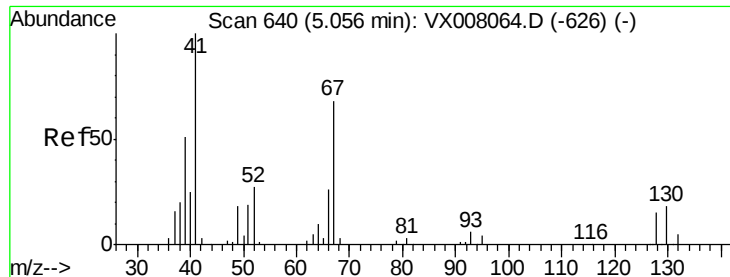
#40
Benzene
Concen: 5.502 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008062.D
Acq: 14 Mar 2019 10:05

Tgt Ion: 78 Resp: 62009
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 5.537 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 12826

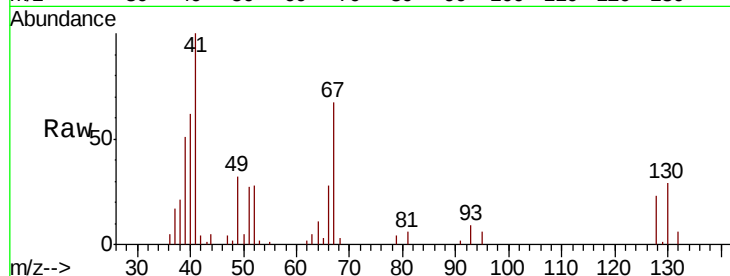
Ion Ratio Lower Upper

41 100

39 52.0 41.6 62.4

67 71.7 55.8 83.6

52 29.8 21.7 32.5



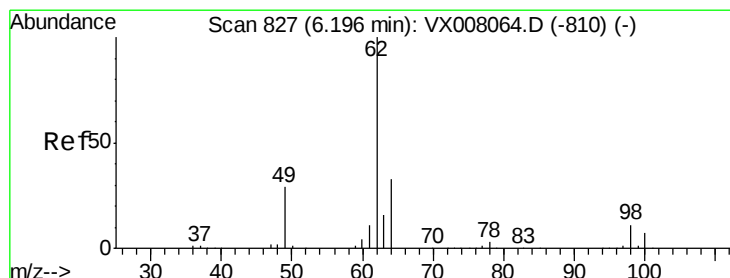
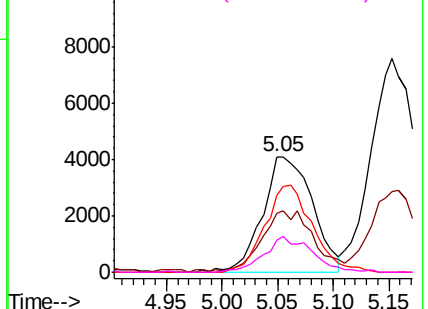
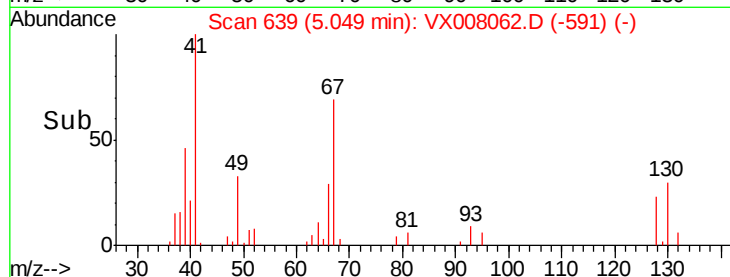
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 5.558 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX008062.D

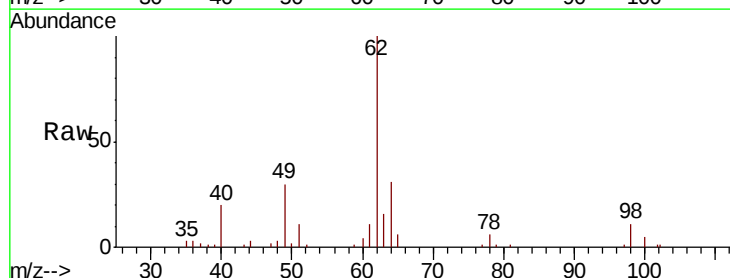
Acq: 14 Mar 2019 10:05

Tgt Ion: 62 Resp: 20017

Ion Ratio Lower Upper

62 100

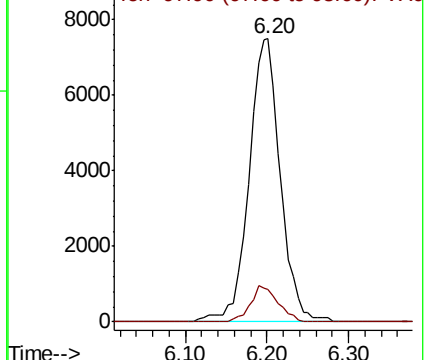
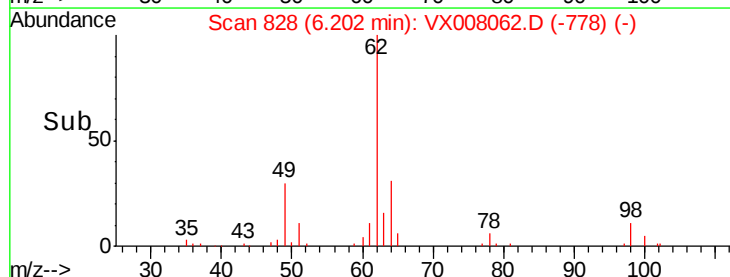
98 11.3 0.0 20.4

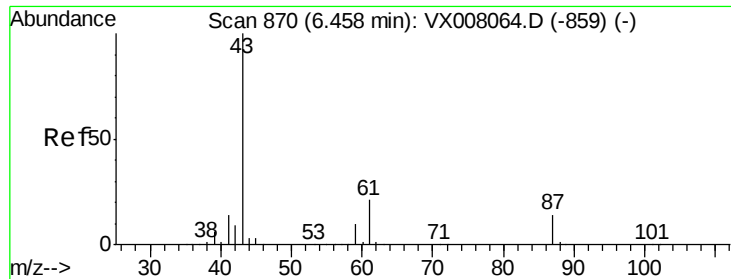


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 5.260 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

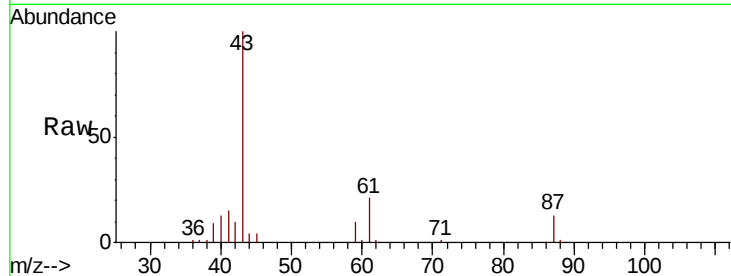
Tgt Ion: 43 Resp: 34360

Ion Ratio Lower Upper

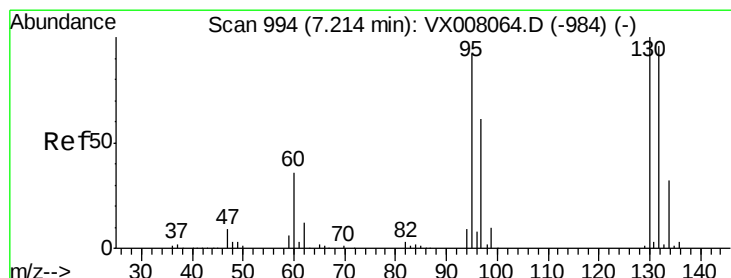
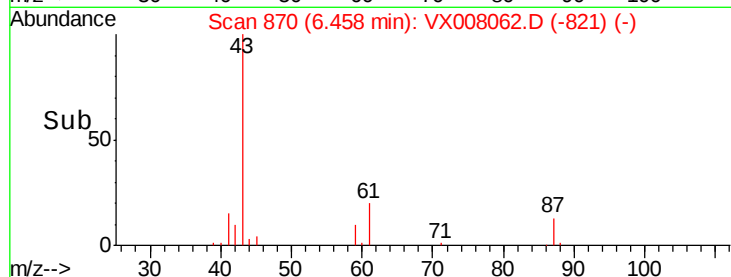
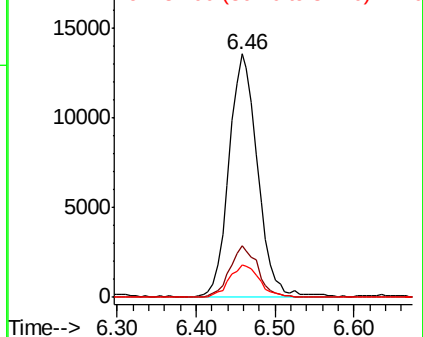
43 100

61 20.6 16.3 24.5

87 13.8 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 5.447 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008062.D

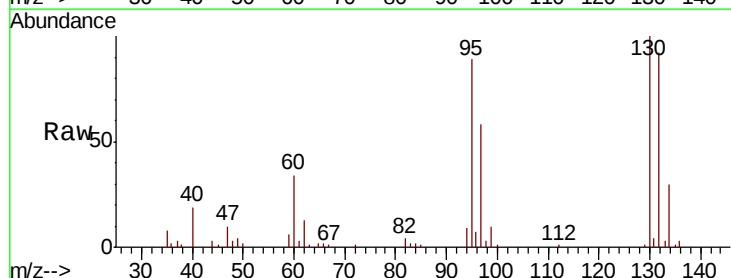
Acq: 14 Mar 2019 10:05

Tgt Ion: 130 Resp: 17483

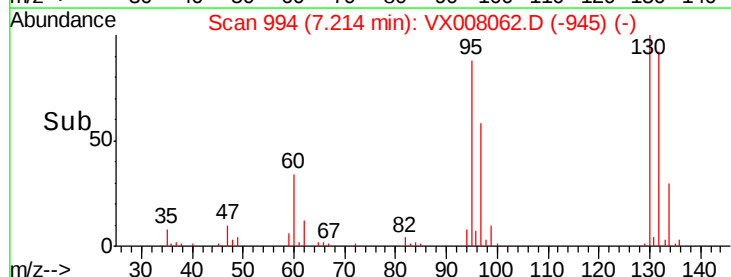
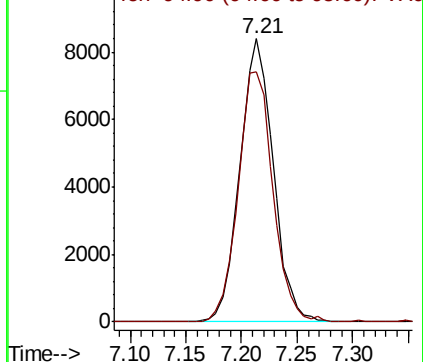
Ion Ratio Lower Upper

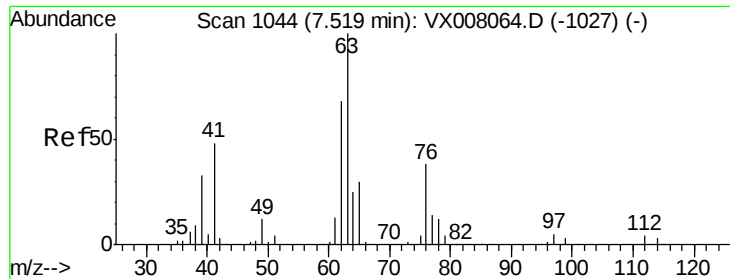
130 100

95 88.5 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

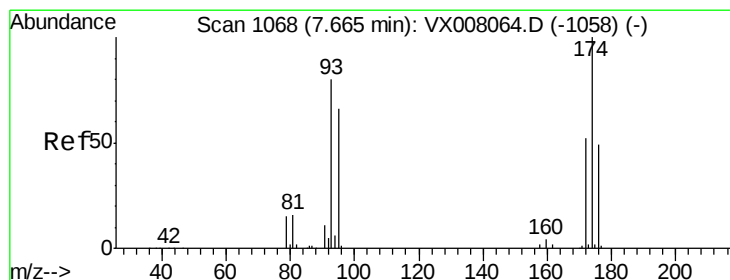
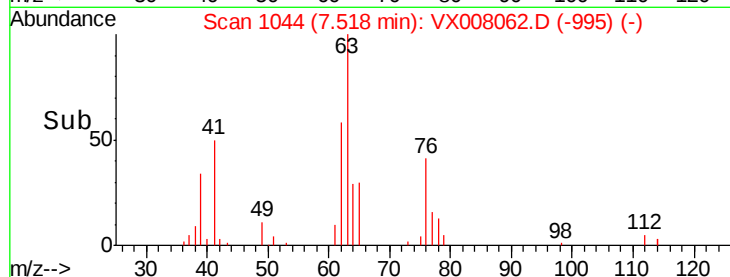
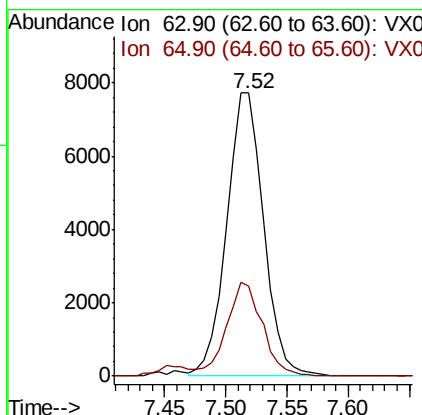
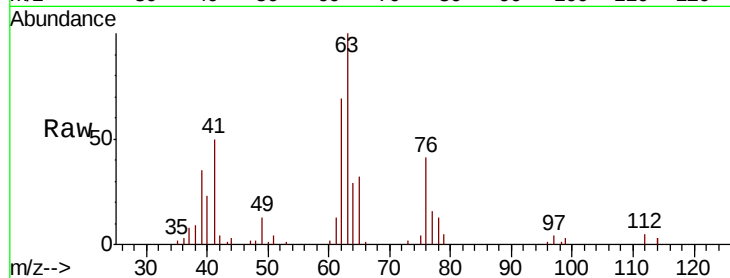




#45
 1,2-Dichloropropane
 Concen: 5.377 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX008062.D
 Acq: 14 Mar 2019 10:05

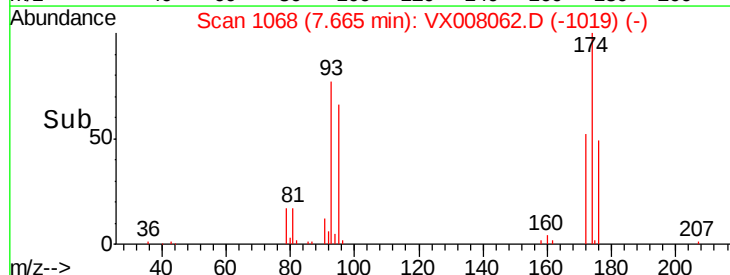
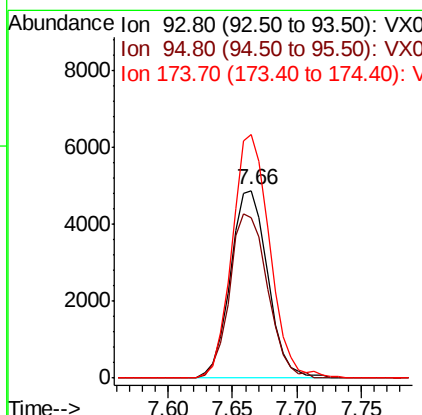
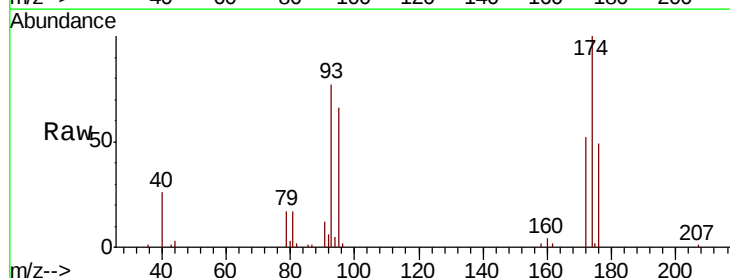
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

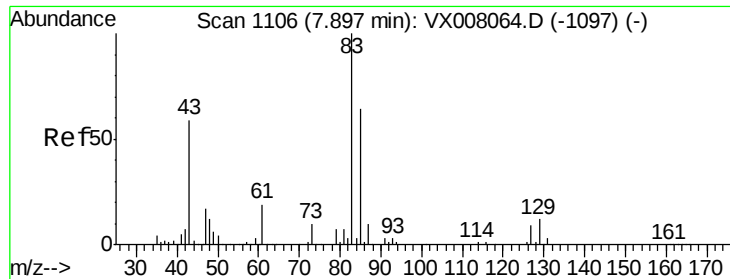
Tgt Ion: 63 Resp: 16153
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.7 37.1



#46
 Dibromomethane
 Concen: 5.169 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX008062.D
 Acq: 14 Mar 2019 10:05

Tgt Ion: 93 Resp: 9834
 Ion Ratio Lower Upper
 93 100
 95 88.6 66.8 100.2
 174 130.5 97.3 145.9





#47

Bromodichloromethane

Concen: 5.098 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

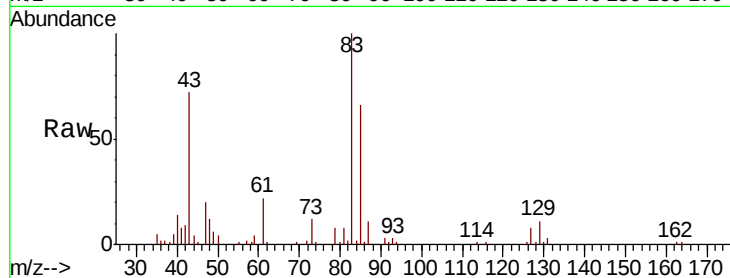
Tgt Ion: 83 Resp: 18386

Ion Ratio Lower Upper

83 100

85 66.1 50.9 76.3

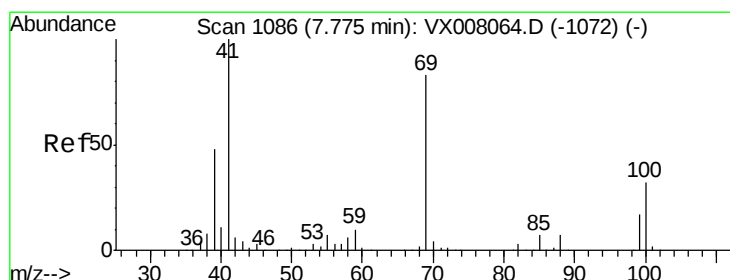
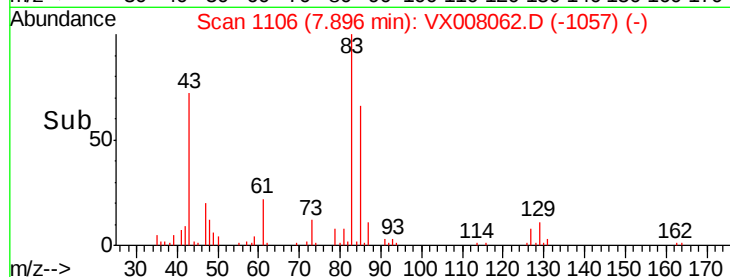
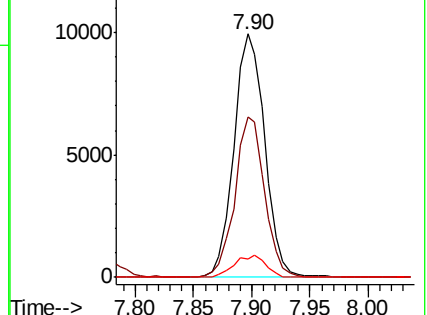
127 7.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 5.099 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

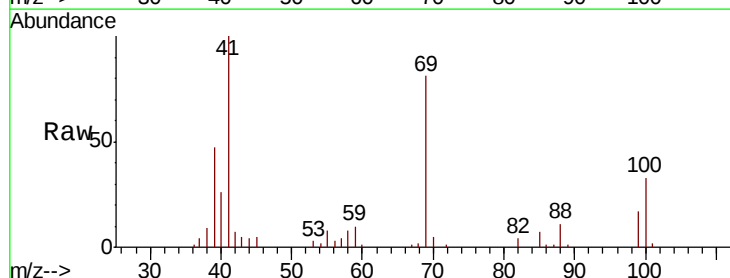
Tgt Ion: 41 Resp: 17822

Ion Ratio Lower Upper

41 100

69 81.7 65.2 97.8

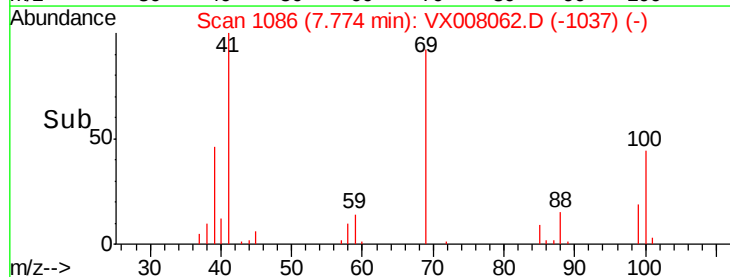
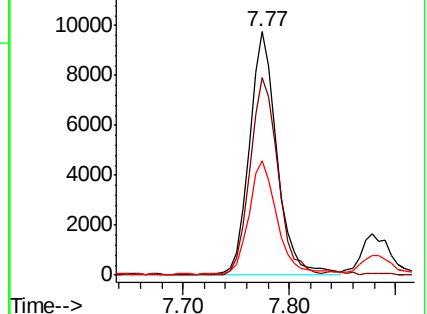
39 49.1 39.4 59.2

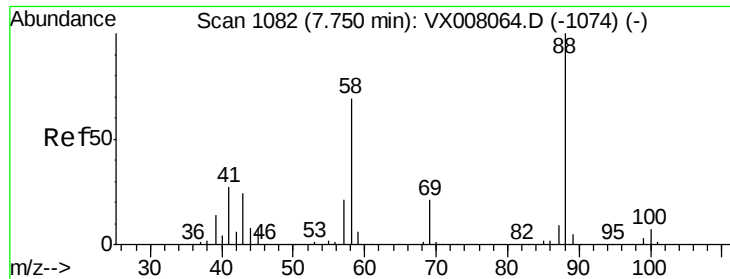


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 102.250 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

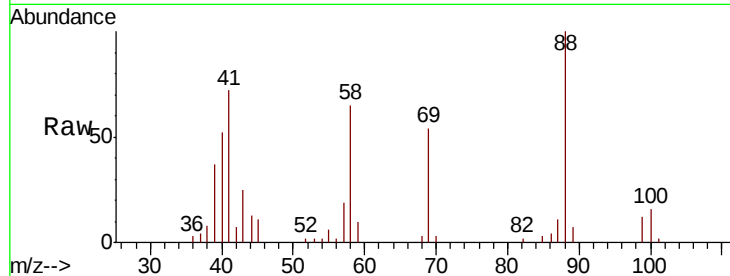
Tgt Ion: 88 Resp: 7414

Ion Ratio Lower Upper

88 100

43 35.6 25.1 37.7

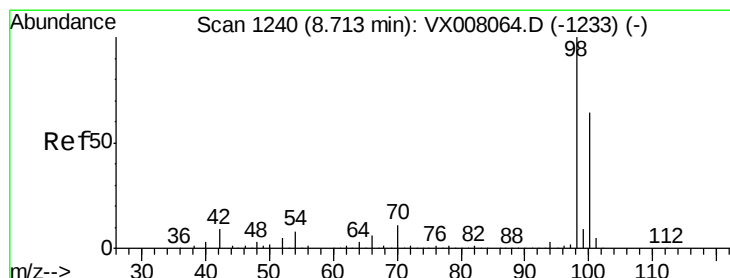
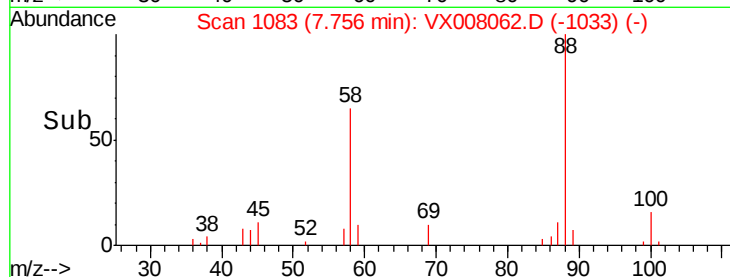
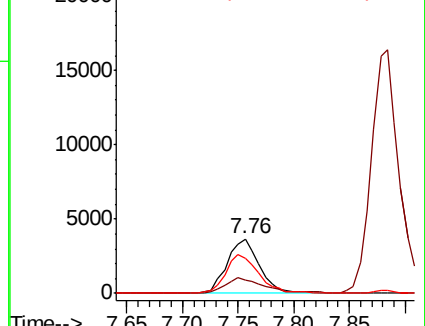
58 71.8 57.8 86.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 5.208 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008062.D

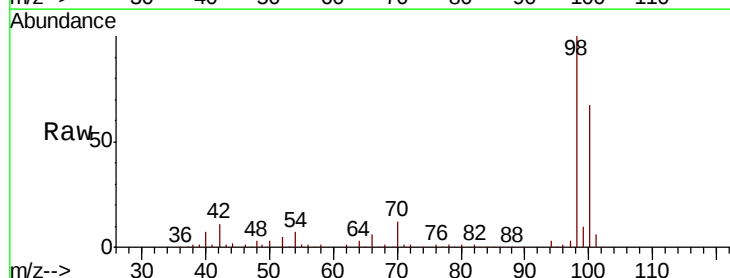
Acq: 14 Mar 2019 10:05

Tgt Ion: 98 Resp: 55924

Ion Ratio Lower Upper

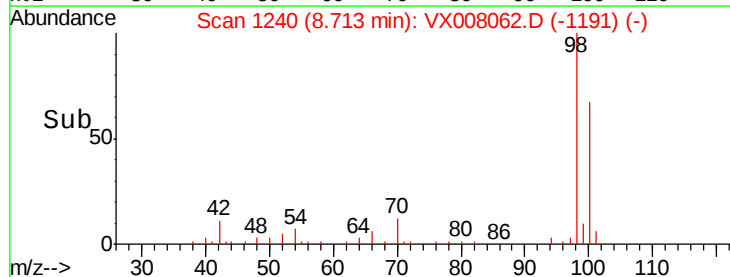
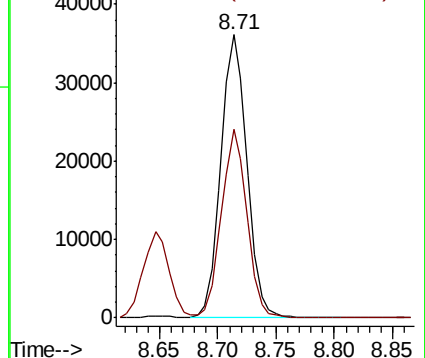
98 100

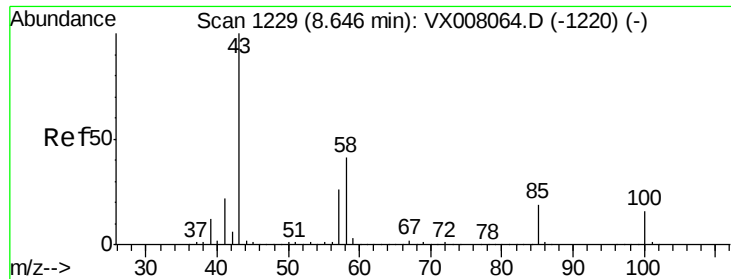
100 65.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 26.292 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

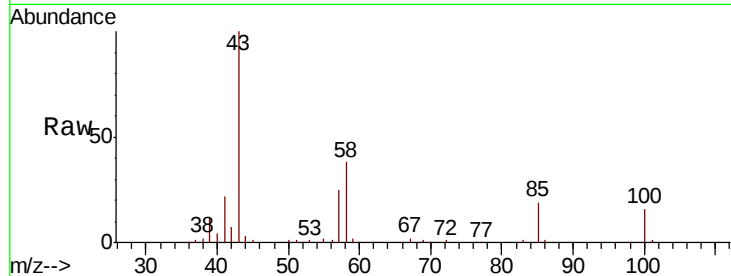
VSTDIC005

Tgt Ion: 43 Resp: 112660

Ion Ratio Lower Upper

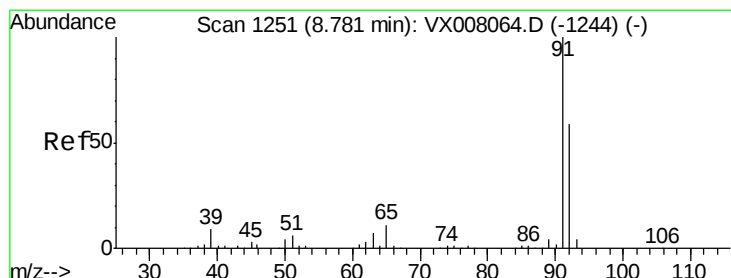
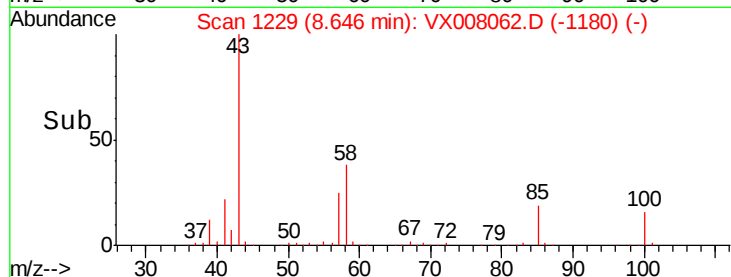
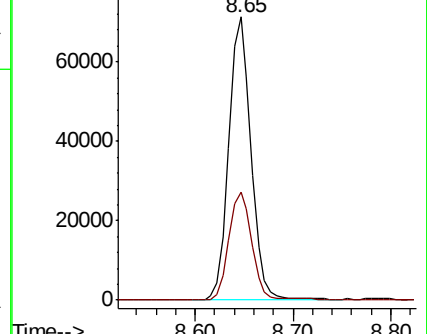
43 100

58 39.2 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 5.154 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008062.D

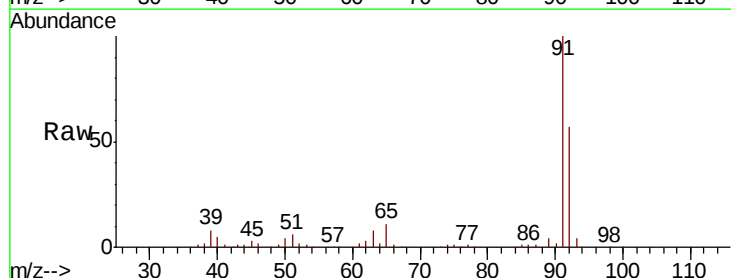
Acq: 14 Mar 2019 10:05

Tgt Ion: 92 Resp: 37228

Ion Ratio Lower Upper

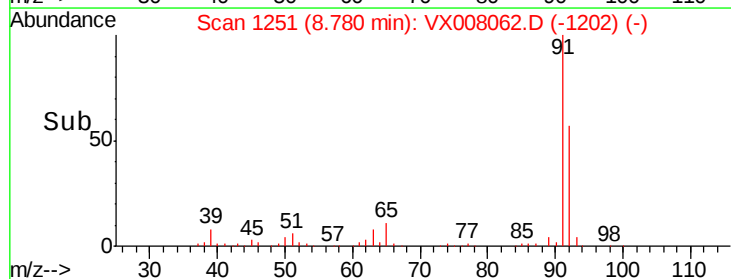
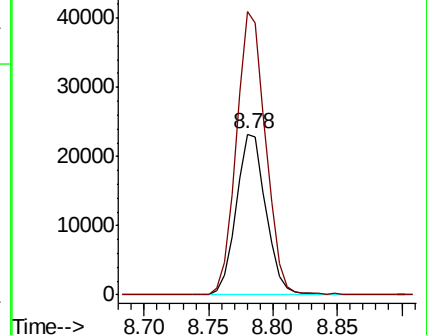
92 100

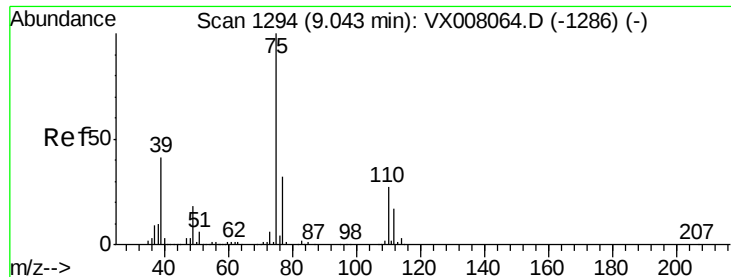
91 173.8 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 4.388 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampled :

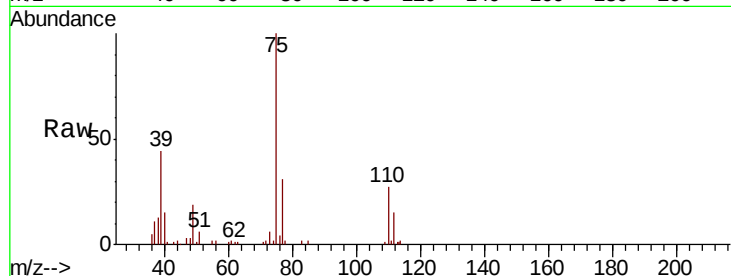
VSTDIC005

Tgt Ion: 75 Resp: 18027

Ion Ratio Lower Upper

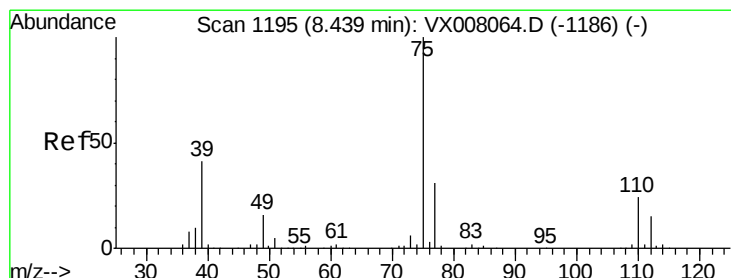
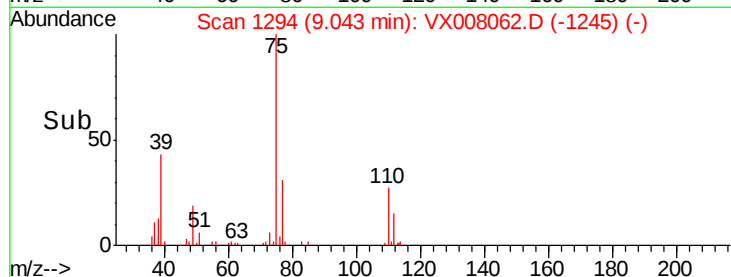
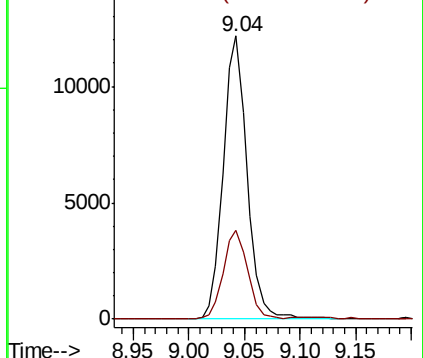
75 100

77 31.4 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 4.595 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

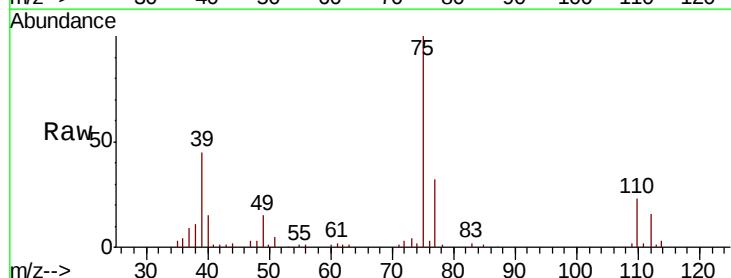
Tgt Ion: 75 Resp: 21007

Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.6

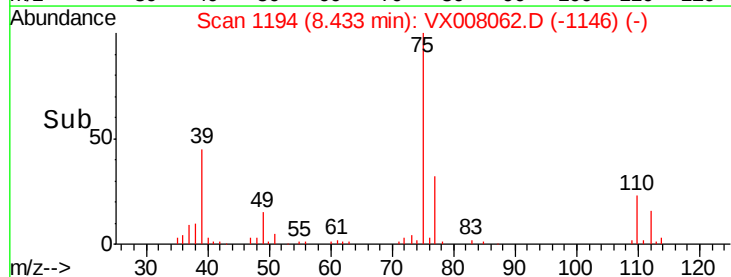
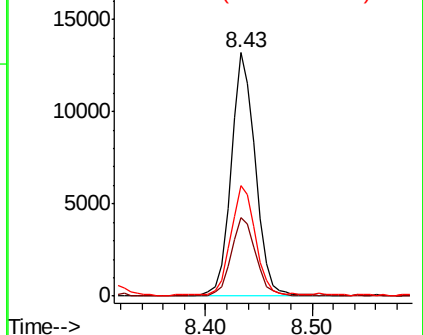
39 44.9 36.6 54.8

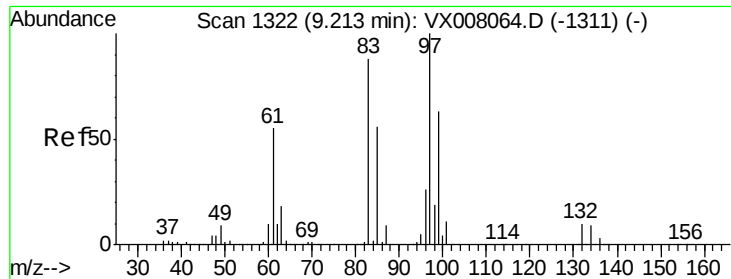


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

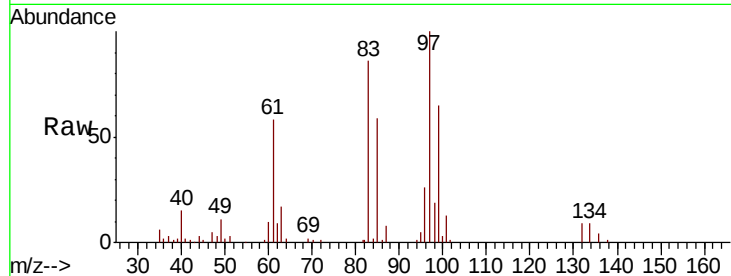




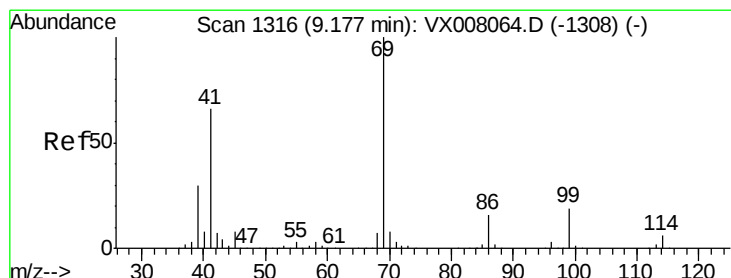
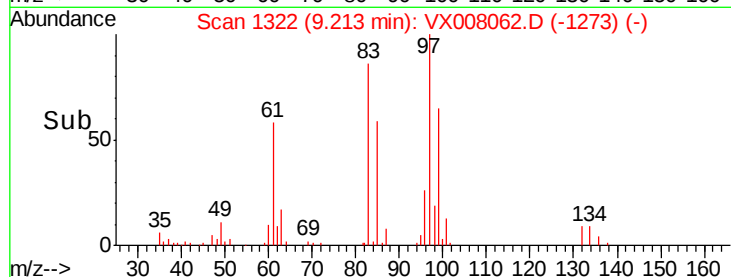
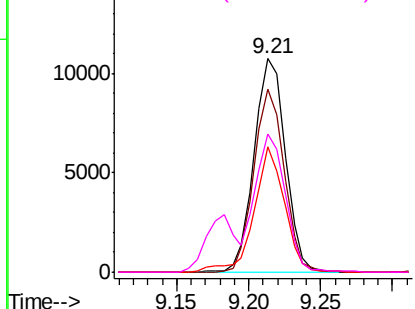
#55
 1,1,2-Trichloroethane
 Concen: 5.537 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008062.D
 Acq: 14 Mar 2019 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	16119
Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.1	103.7
85	58.6	44.3	66.5
99	64.0	49.8	74.8

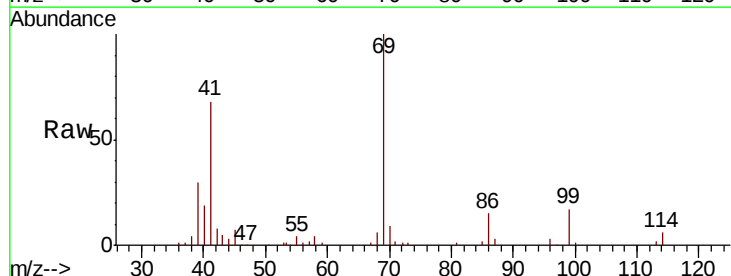


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

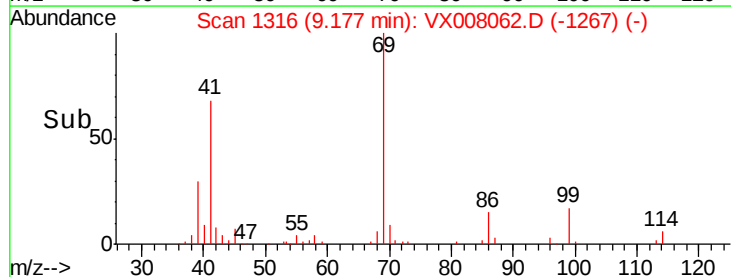
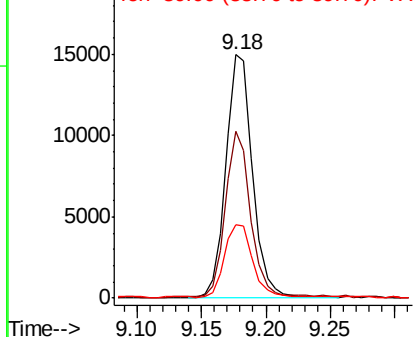


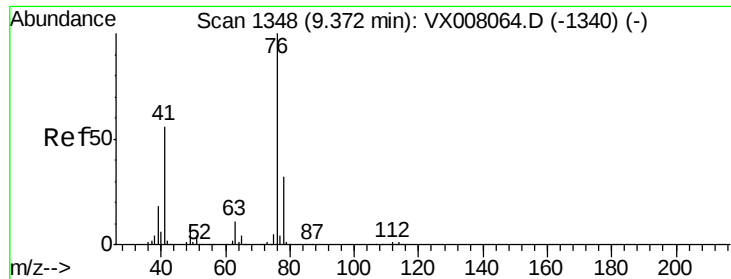
#56
 Ethyl methacrylate
 Concen: 4.907 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008062.D
 Acq: 14 Mar 2019 10:05

Tgt Ion:	69	Resp:	21954
Ion	Ratio	Lower	Upper
69	100		
41	66.0	54.2	81.4
39	31.2	25.0	37.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 5.405 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

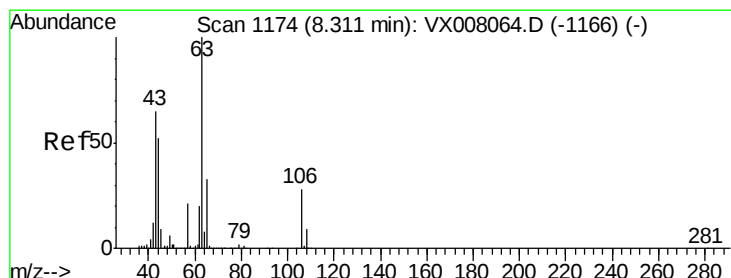
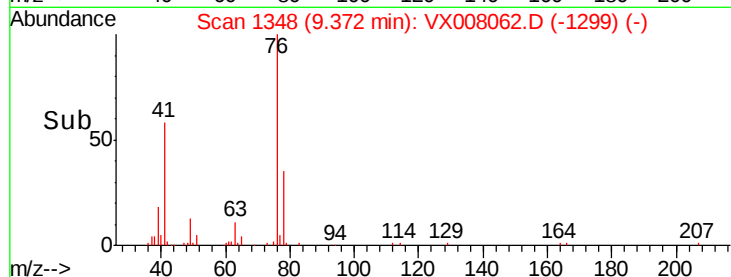
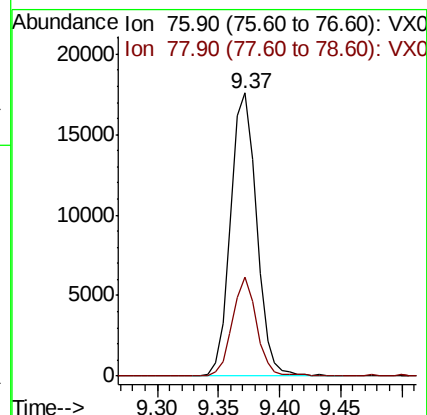
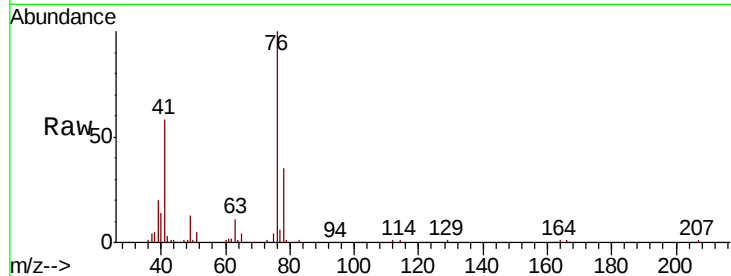
VSTDIC005

Tgt Ion: 76 Resp: 25957

Ion Ratio Lower Upper

76 100

78 32.7 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 23.103 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008062.D

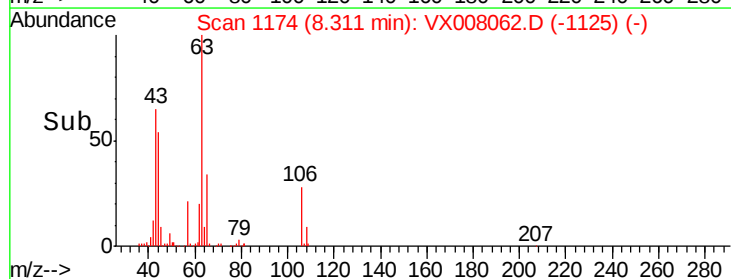
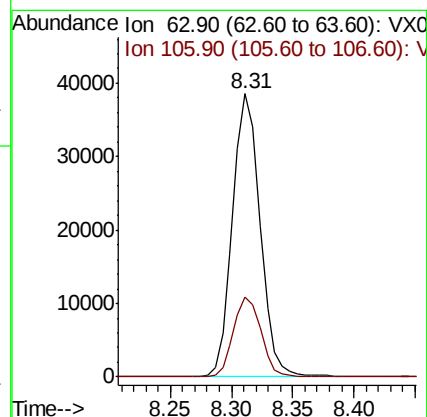
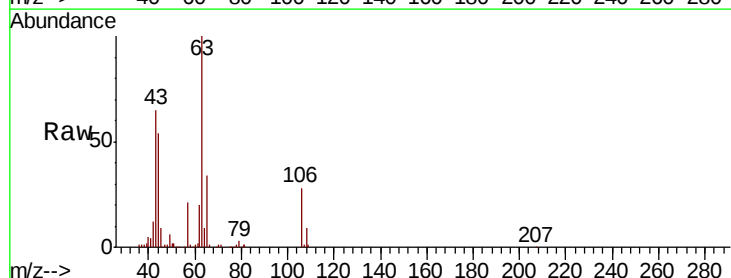
Acq: 14 Mar 2019 10:05

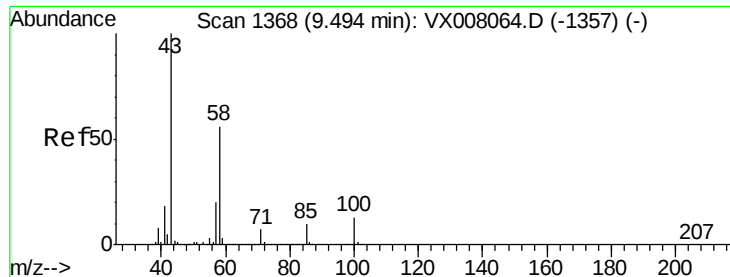
Tgt Ion: 63 Resp: 60306

Ion Ratio Lower Upper

63 100

106 28.2 22.2 33.2

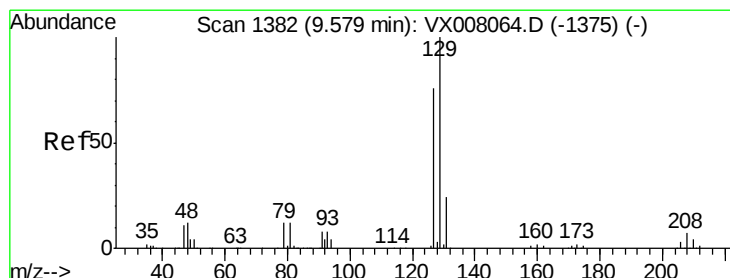
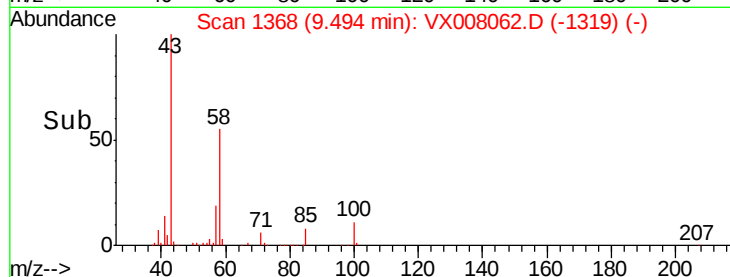
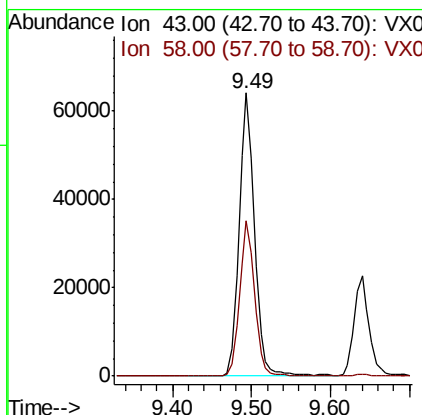
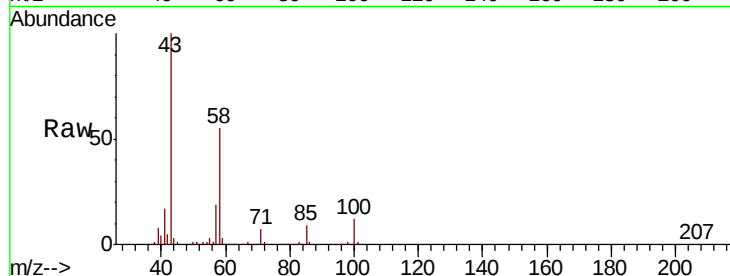




#59
2-Hexanone
Concen: 26.525 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008062.D
Acq: 14 Mar 2019 10:05

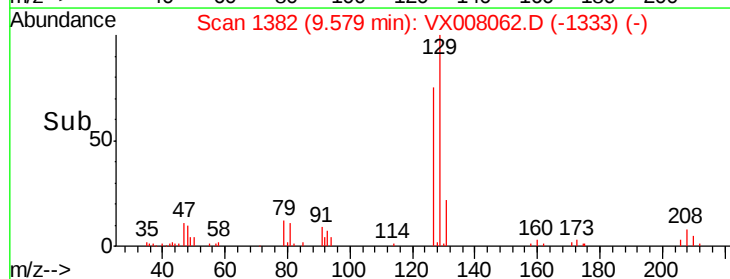
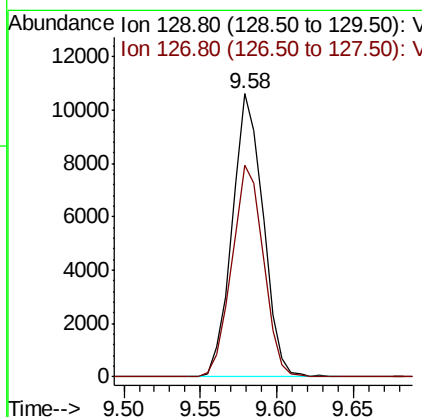
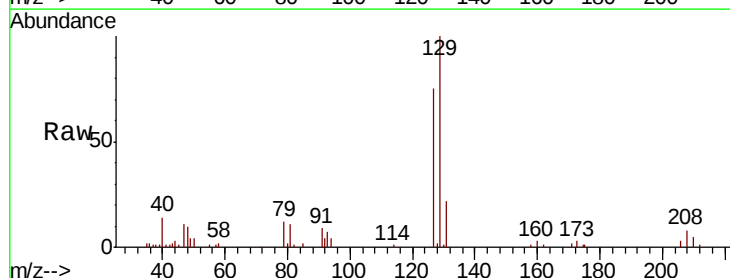
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

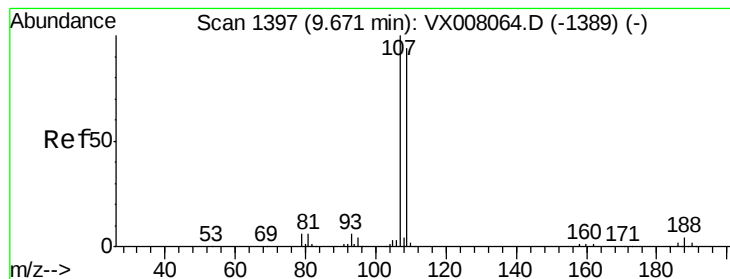
Tgt Ion: 43 Resp: 87432
Ion Ratio Lower Upper
43 100
58 53.4 27.6 82.7



#60
Dibromochloromethane
Concen: 4.753 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008062.D
Acq: 14 Mar 2019 10:05

Tgt Ion: 129 Resp: 14866
Ion Ratio Lower Upper
129 100
127 76.1 38.3 114.8





#61

1,2-Dibromoethane

Concen: 5.087 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

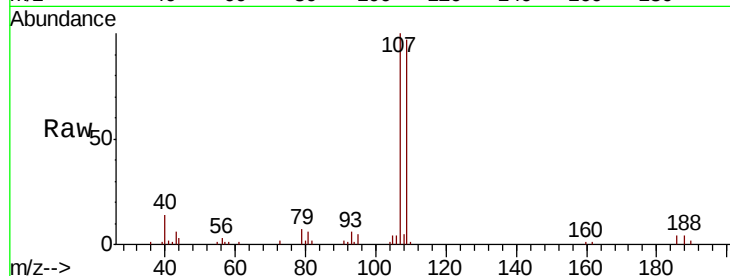
VSTDIC005

Tgt Ion: 107 Resp: 16035

Ion Ratio Lower Upper

107 100

109 96.2 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

12000

10000

8000

6000

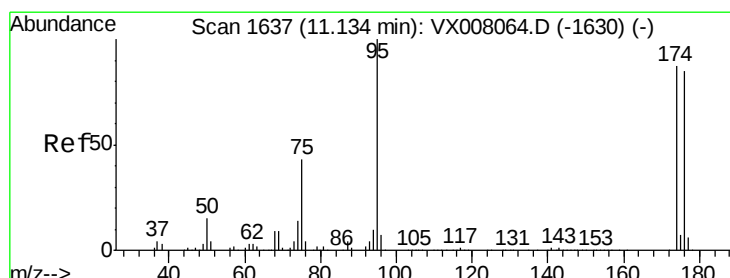
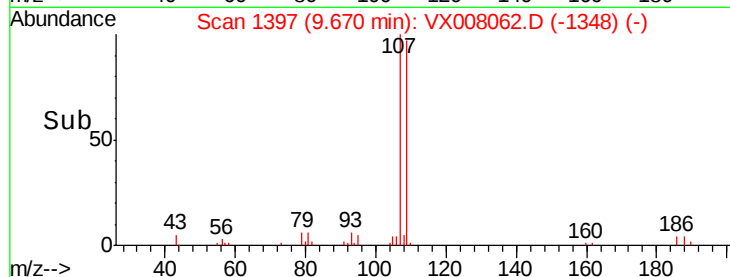
4000

2000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 4.897 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

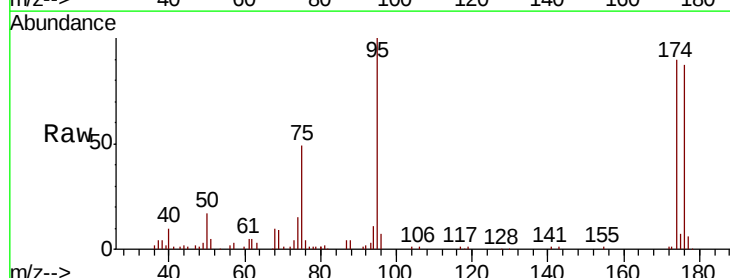
Tgt Ion: 95 Resp: 18925

Ion Ratio Lower Upper

95 100

174 93.2 0.0 182.8

176 90.2 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

20000

15000

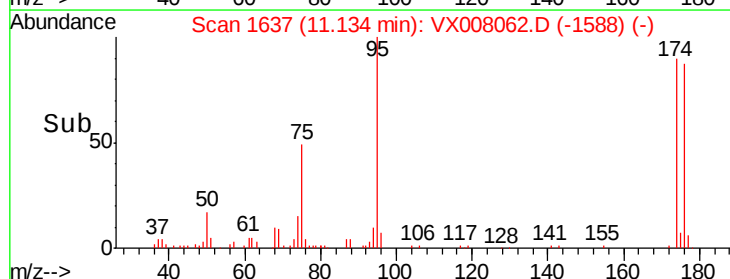
10000

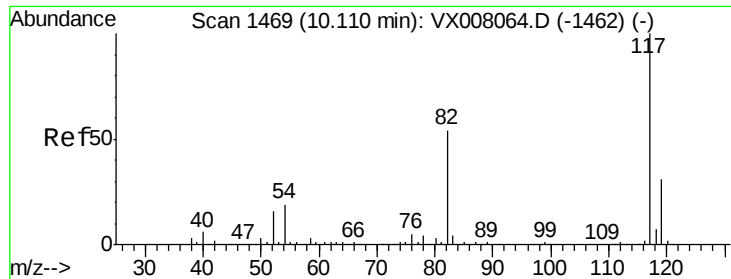
5000

0

11.10 11.15

Time-->

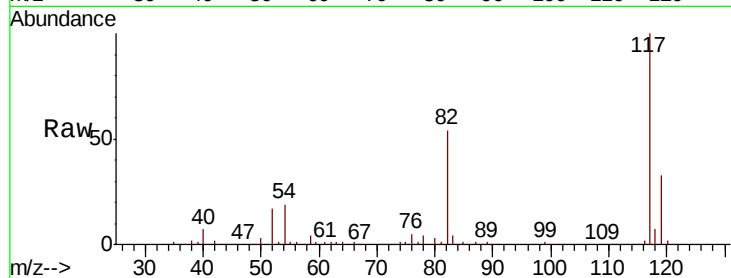




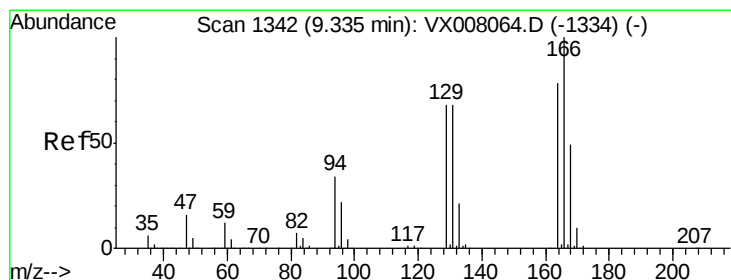
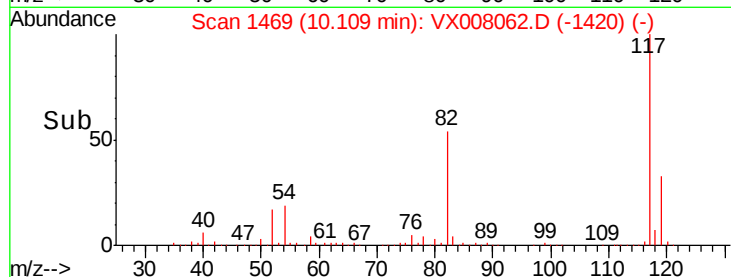
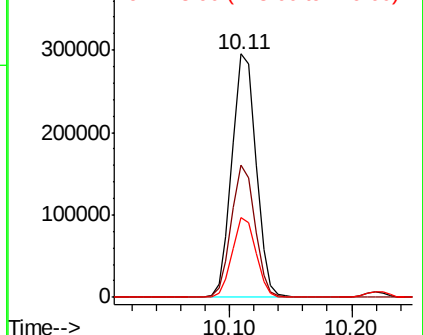
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008062.D
Acq: 14 Mar 2019 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 402334
Ion Ratio Lower Upper
117 100
82 54.1 44.3 66.5
119 32.6 25.3 37.9



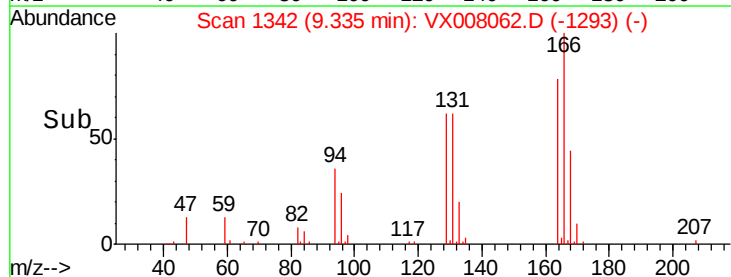
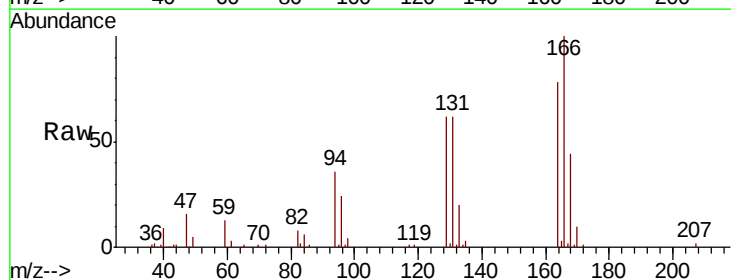
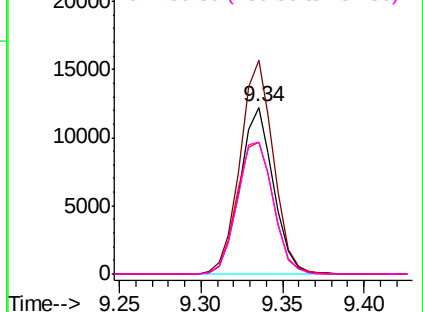
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

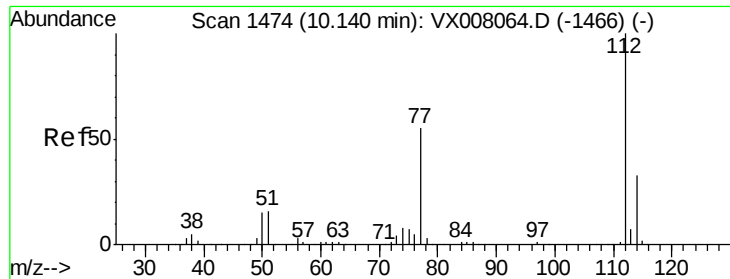


#64
Tetrachloroethene
Concen: 5.522 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008062.D
Acq: 14 Mar 2019 10:05

Tgt Ion:164 Resp: 17407
Ion Ratio Lower Upper
164 100
166 128.2 103.4 155.0
129 79.2 72.2 108.4
131 78.9 69.4 104.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

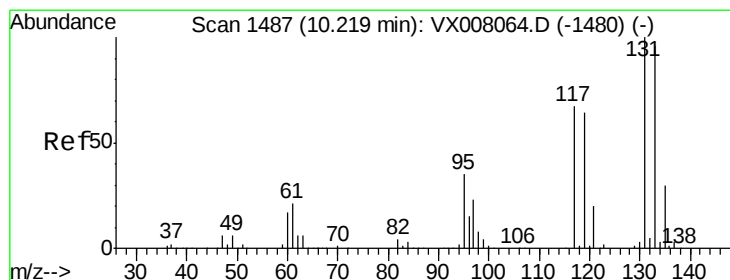
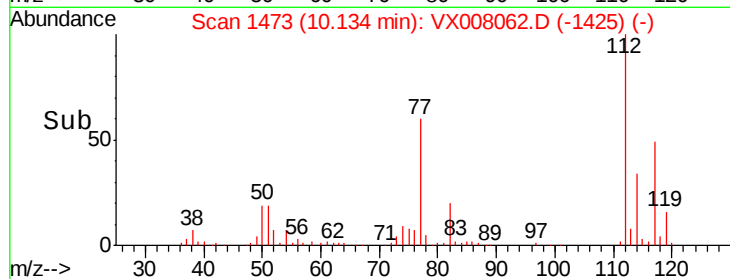
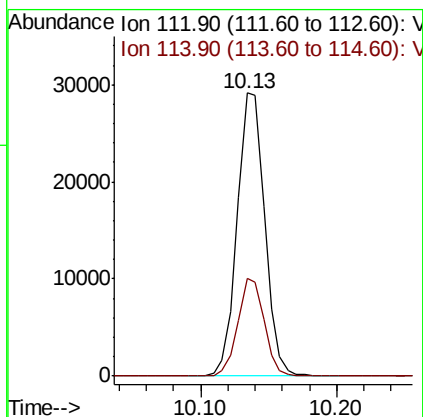
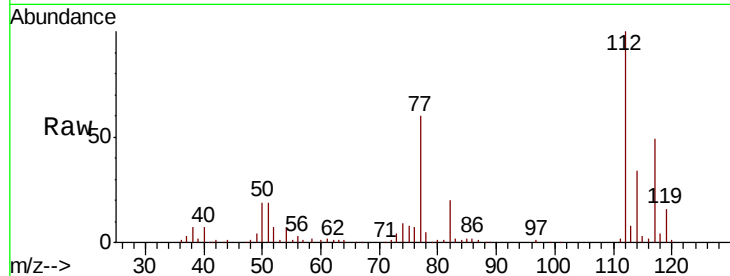




#65
Chlorobenzene
Concen: 5.295 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008062.D
Acq: 14 Mar 2019 10:05

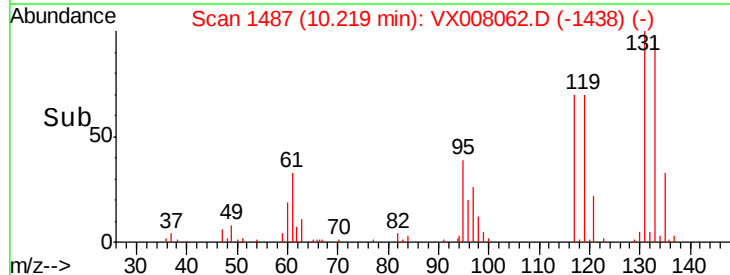
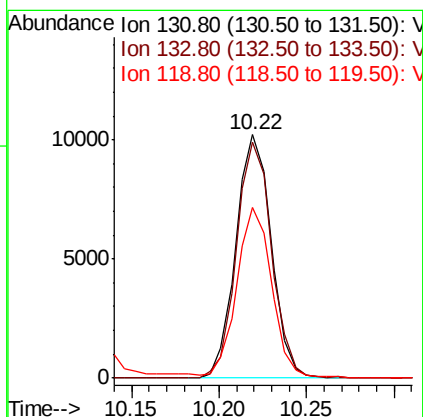
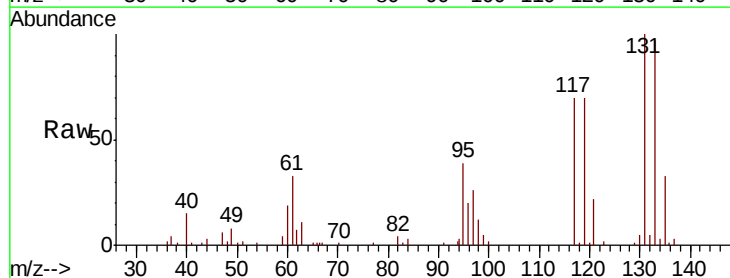
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

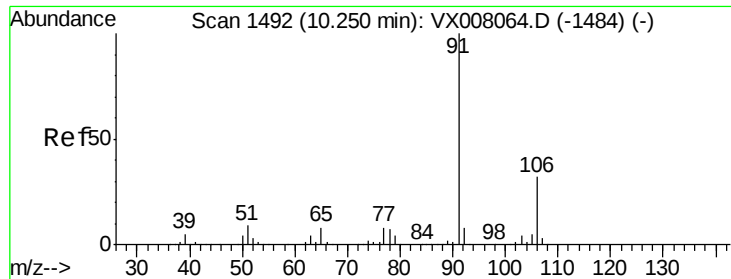
Tgt Ion:112 Resp: 41089
Ion Ratio Lower Upper
112 100
114 34.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 5.007 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008062.D
Acq: 14 Mar 2019 10:05

Tgt Ion:131 Resp: 14368
Ion Ratio Lower Upper
131 100
133 96.5 47.8 143.3
119 69.9 32.5 97.5





#67

Ethyl Benzene

Concen: 5.115 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

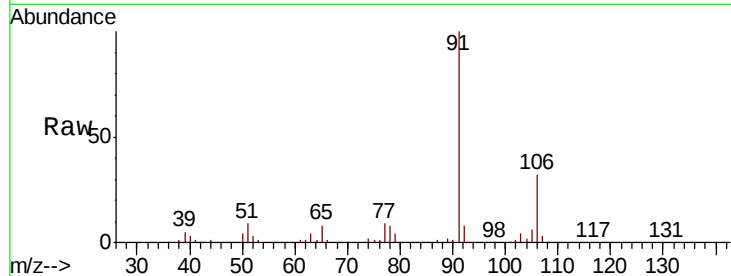
VSTDIC005

Tgt Ion: 91 Resp: 67250

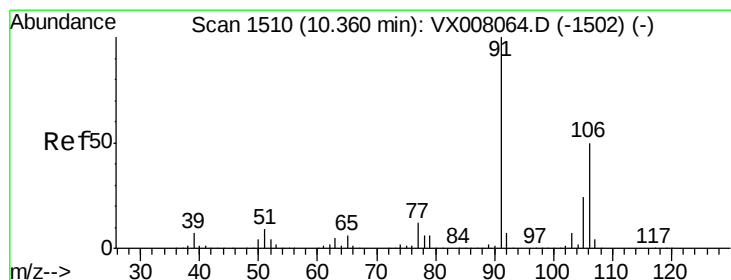
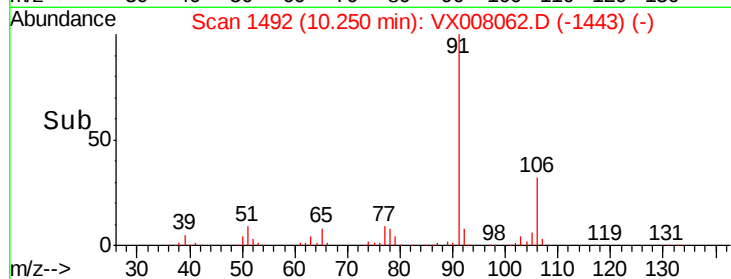
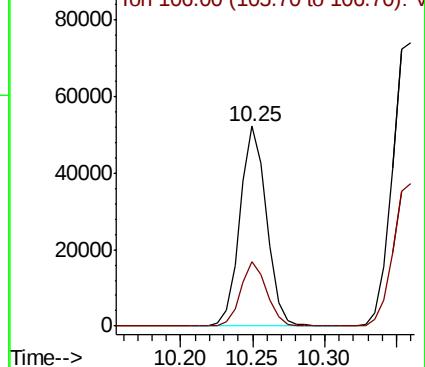
Ion Ratio Lower Upper

91 100

106 32.3 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX008062.D (-1443) (-)



#68

m/p-Xylenes

Concen: 10.098 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008062.D

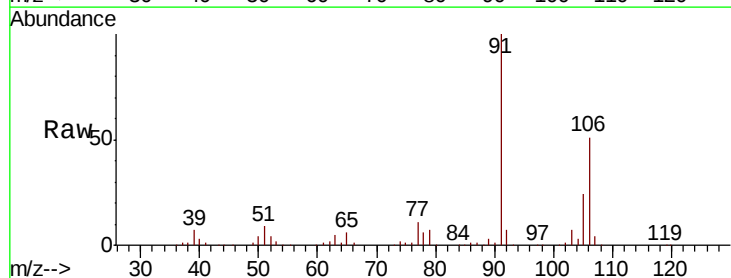
Acq: 14 Mar 2019 10:05

Tgt Ion: 106 Resp: 51149

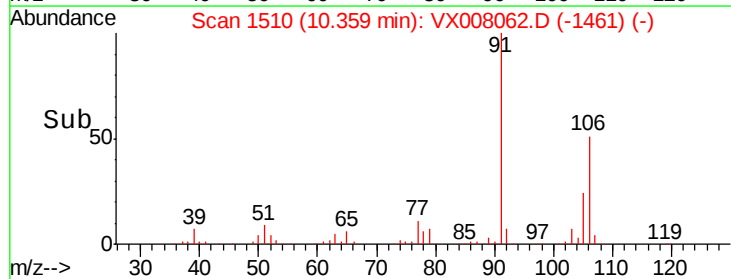
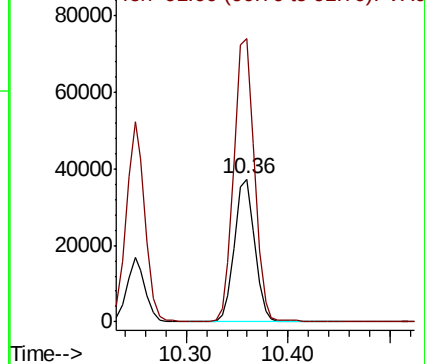
Ion Ratio Lower Upper

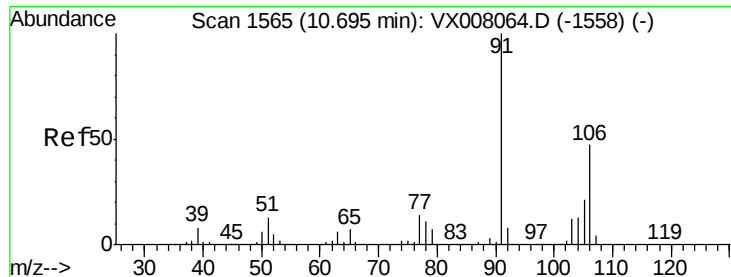
106 100

91 200.2 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): VX008062.D (-1461) (-)

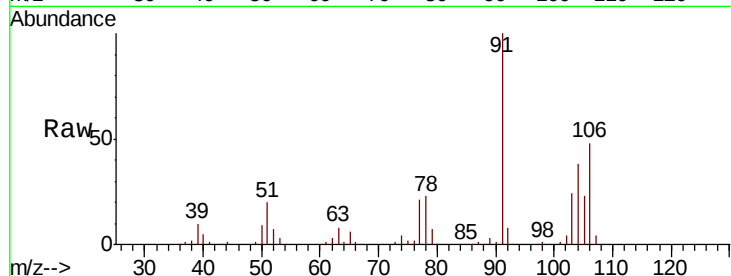




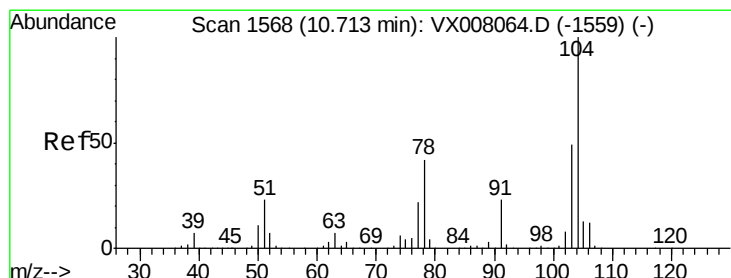
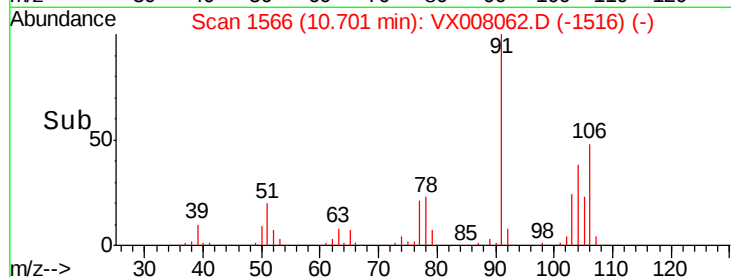
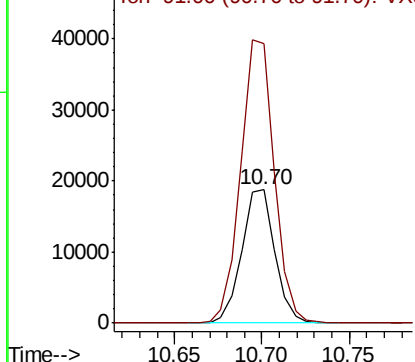
#69
o-Xylene
Concen: 5.046 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008062.D
Acq: 14 Mar 2019 10:05

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion:106 Resp: 24836
Ion Ratio Lower Upper
106 100
91 214.8 106.3 318.9

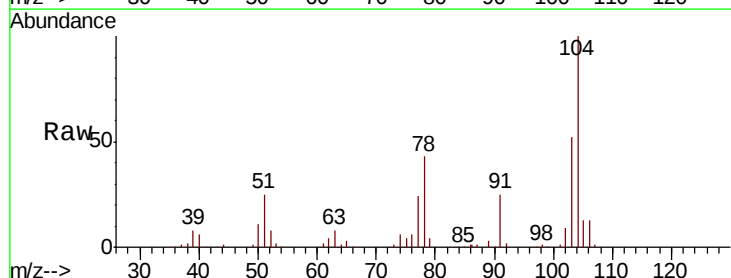


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

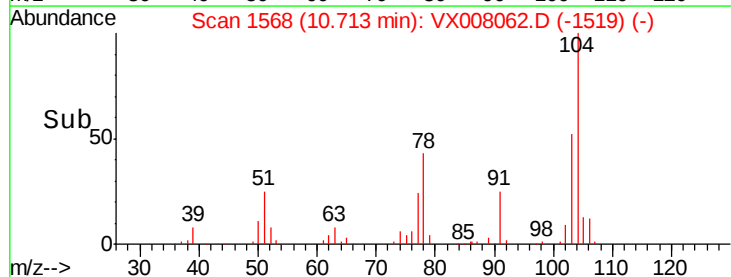
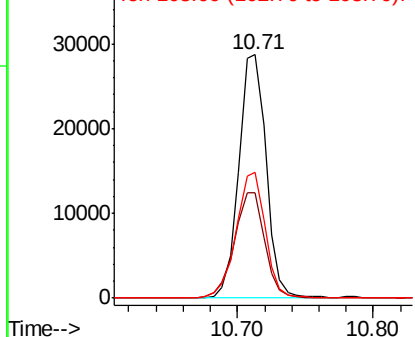


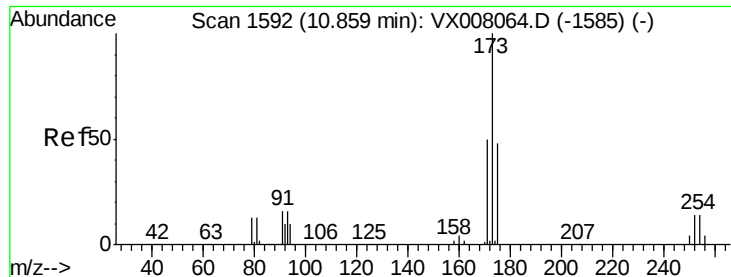
#70
Styrene
Concen: 4.952 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008062.D
Acq: 14 Mar 2019 10:05

Tgt Ion:104 Resp: 40341
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 55.0 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 4.466 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

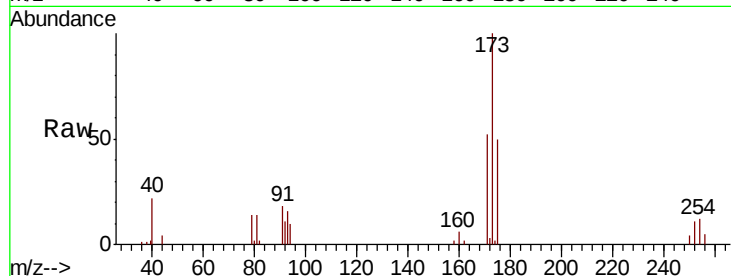
Tgt Ion:173 Resp: 10813

Ion Ratio Lower Upper

173 100

175 49.9 24.3 72.9

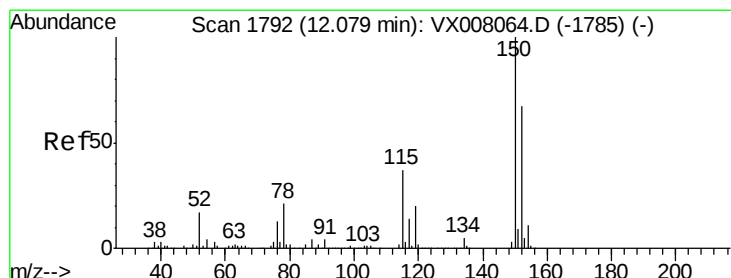
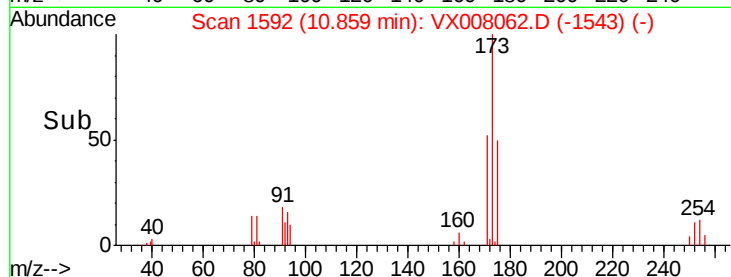
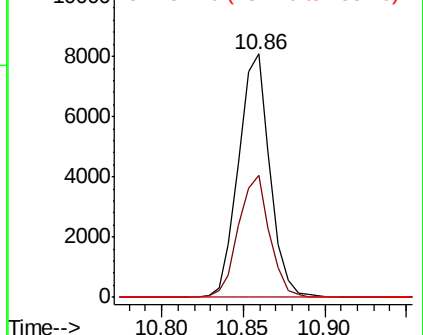
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

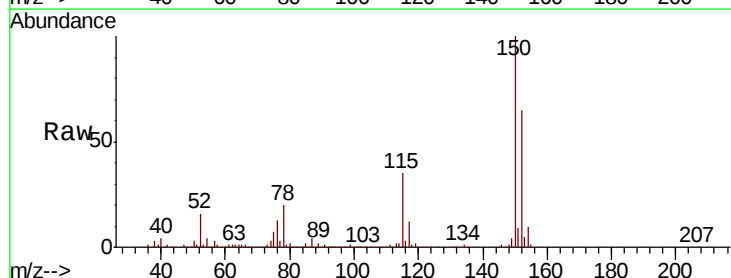
Tgt Ion:152 Resp: 195395

Ion Ratio Lower Upper

152 100

115 57.1 38.6 115.7

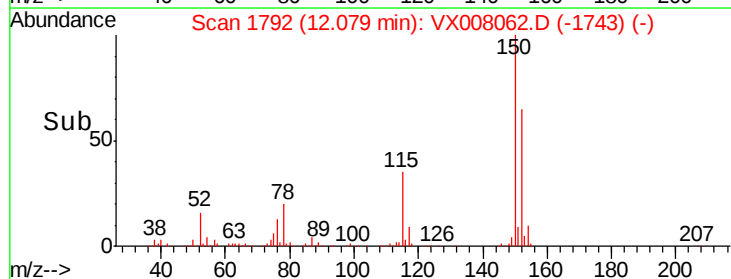
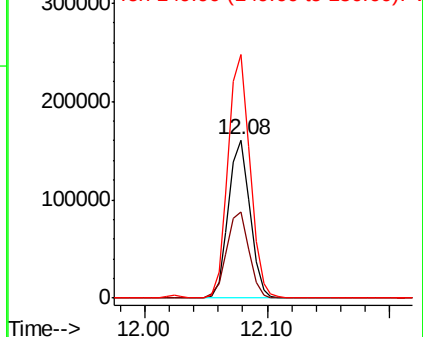
150 157.0 0.0 348.4

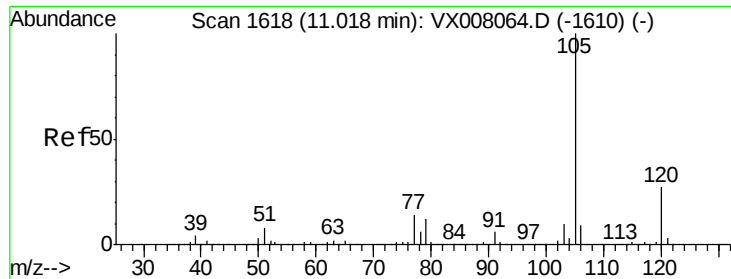


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.426 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

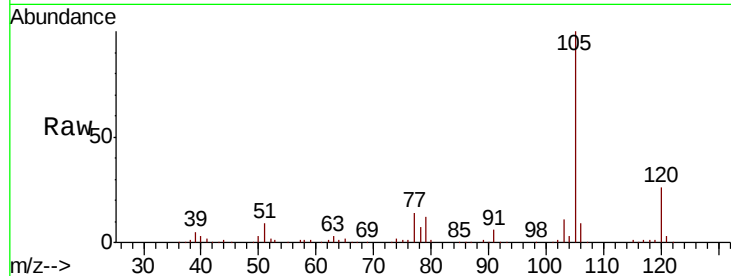
VSTDIC005

Tgt Ion: 105 Resp: 67702

Ion Ratio Lower Upper

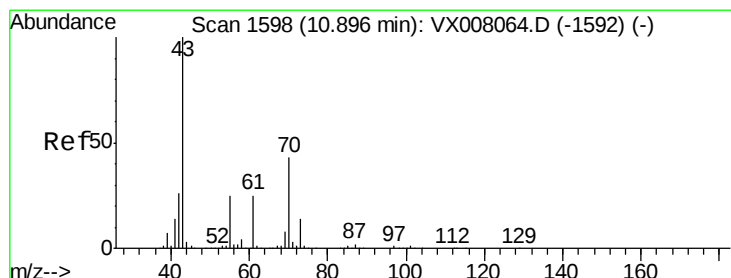
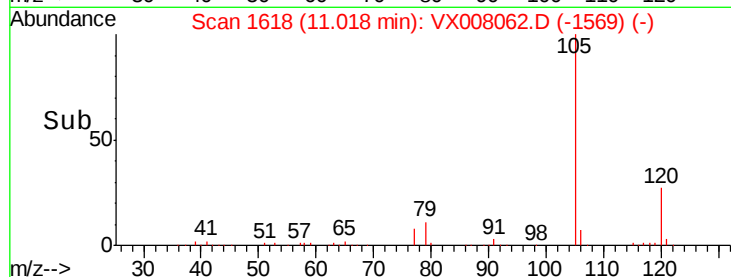
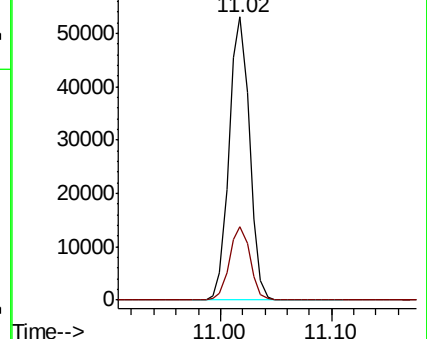
105 100

120 26.4 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.238 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Tgt Ion: 43 Resp: 27339

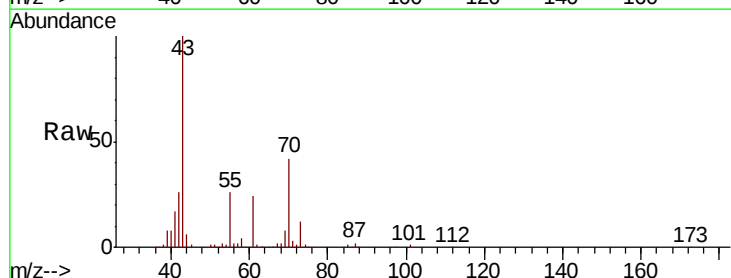
Ion Ratio Lower Upper

43 100

70 41.2 33.5 50.3

55 26.9 19.2 28.8

61 23.5 19.0 28.6

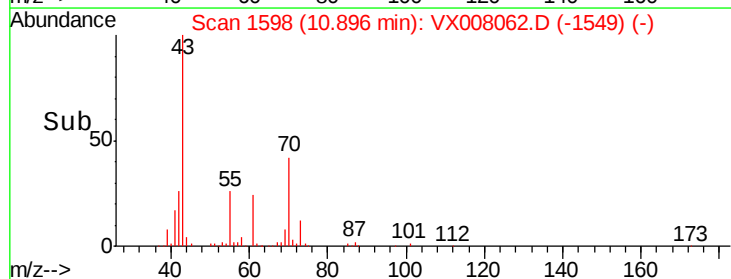
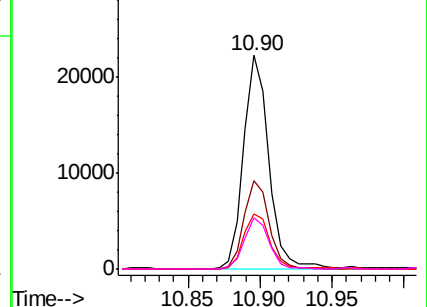


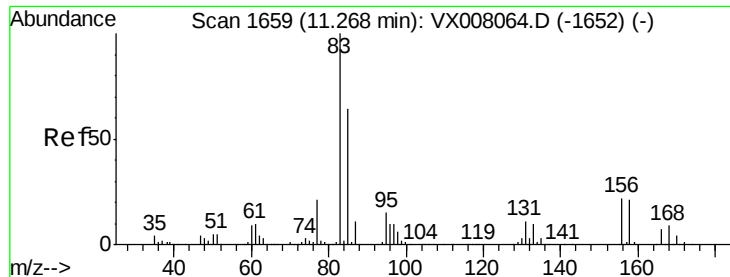
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.800 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

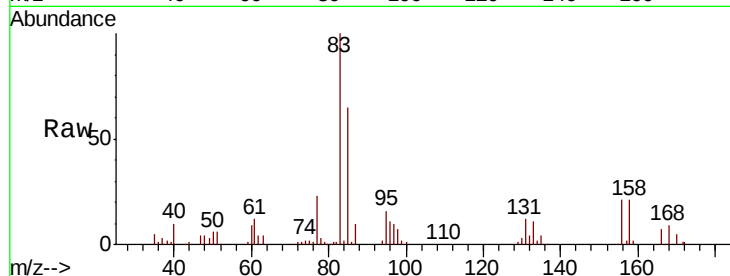
Tgt Ion: 83 Resp: 22560

Ion Ratio Lower Upper

83 100

131 11.4 5.4 16.2

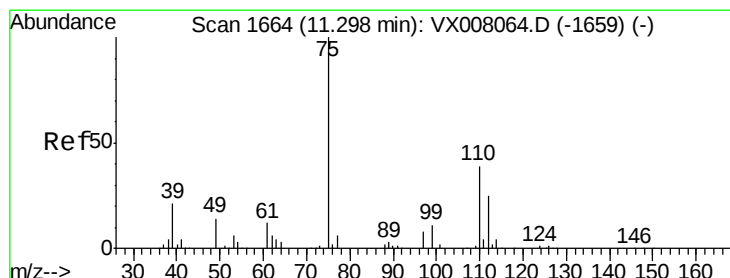
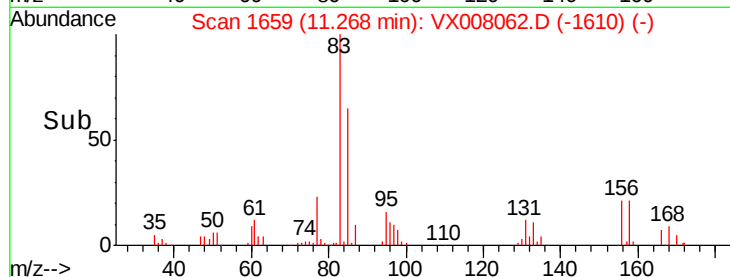
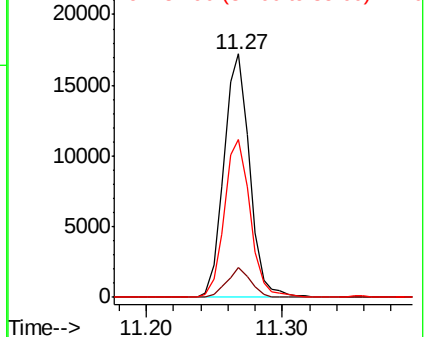
85 65.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 7.560 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX008062.D

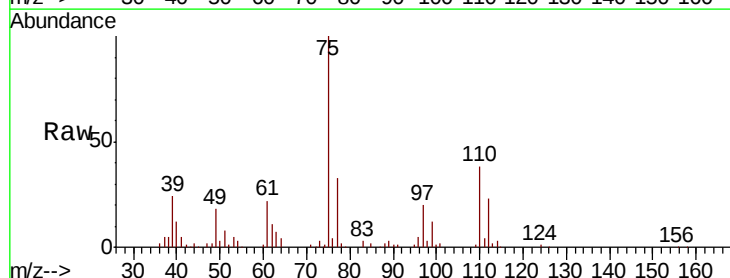
Acq: 14 Mar 2019 10:05

Tgt Ion: 75 Resp: 24852

Ion Ratio Lower Upper

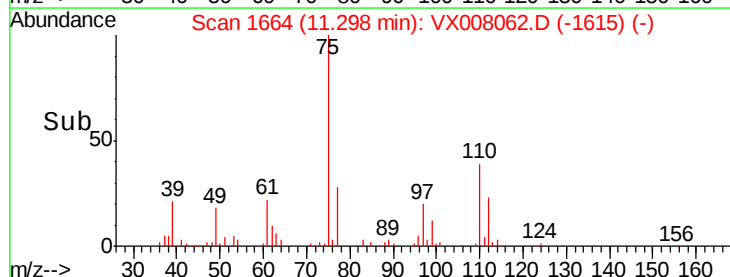
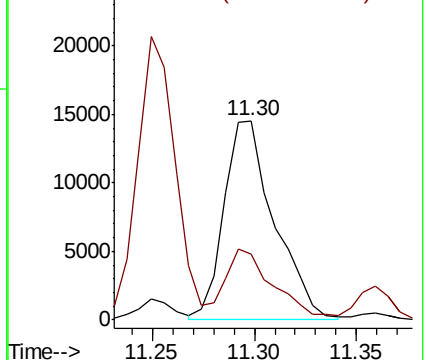
75 100

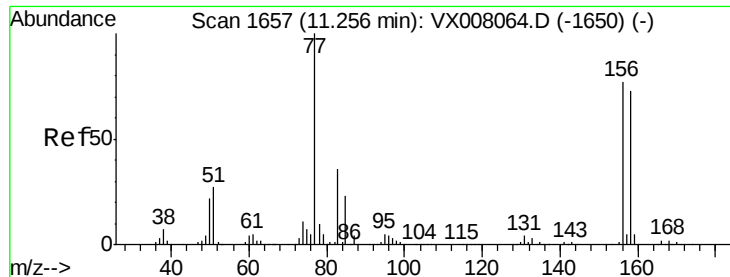
77 34.9 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.569 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

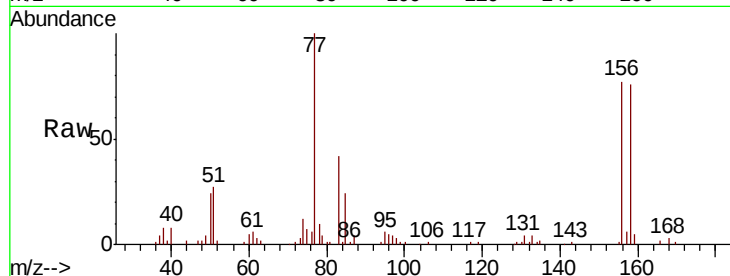
Tgt Ion:156 Resp: 18578

Ion Ratio Lower Upper

156 100

77 142.2 72.0 215.9

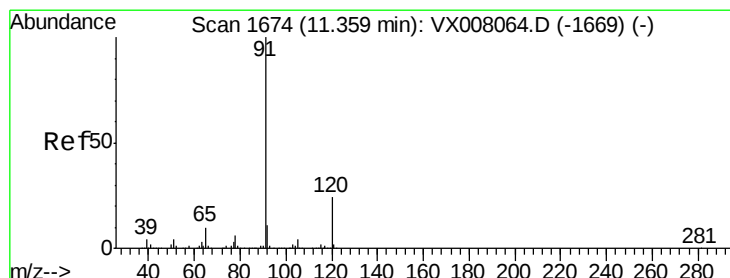
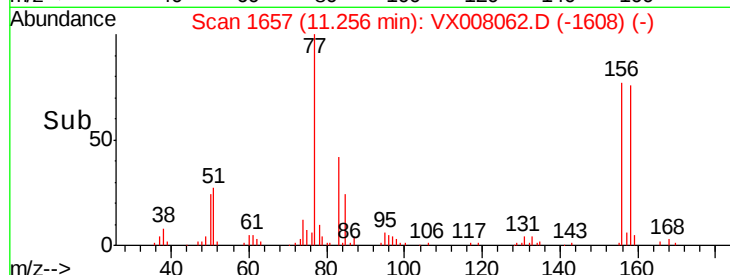
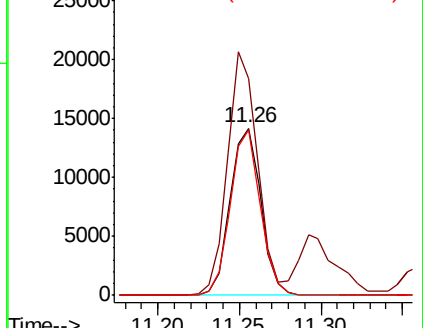
158 96.6 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.132 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008062.D

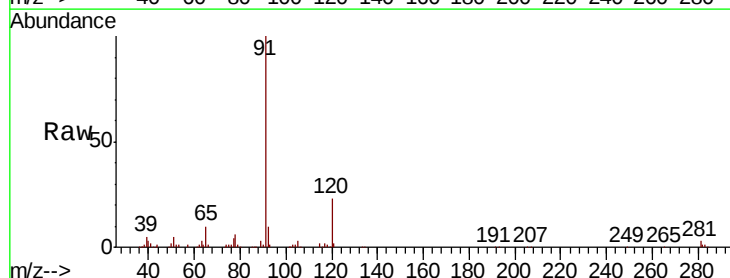
Acq: 14 Mar 2019 10:05

Tgt Ion: 91 Resp: 71583

Ion Ratio Lower Upper

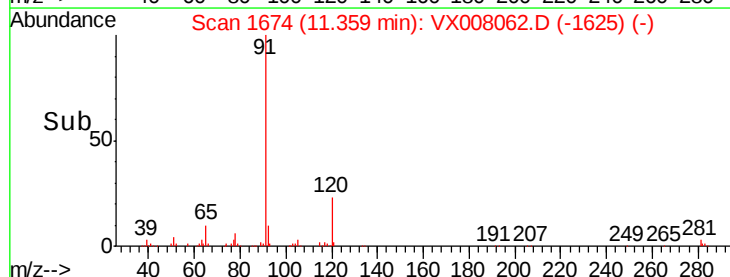
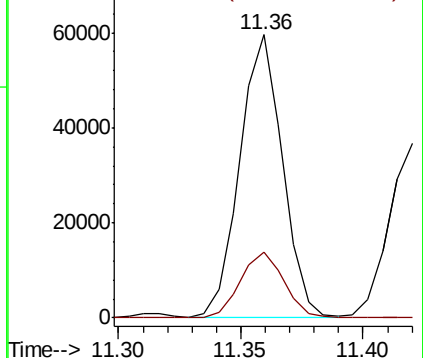
91 100

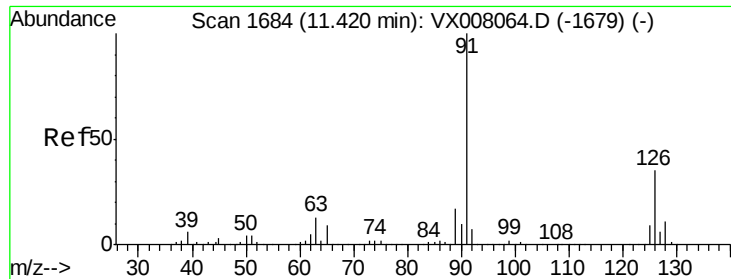
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

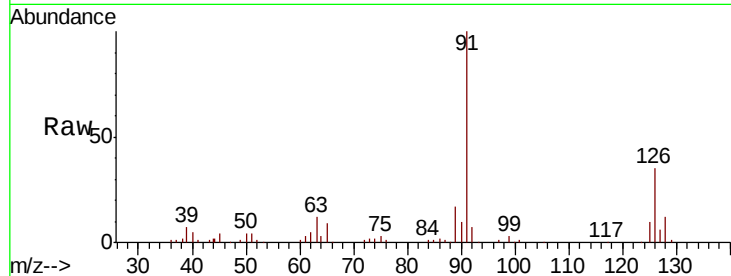




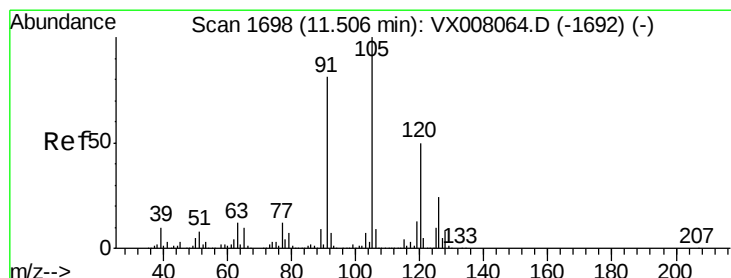
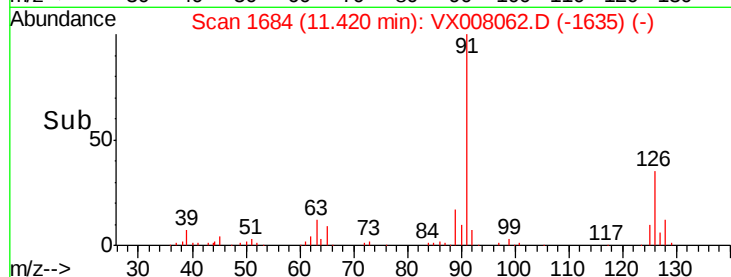
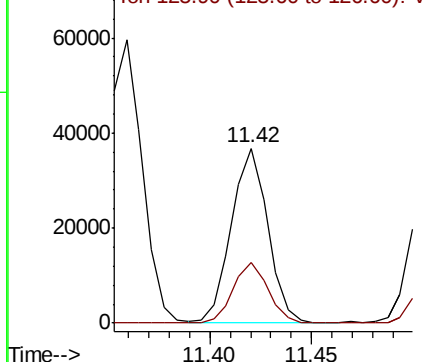
#79
 2-Chlorotoluene
 Concen: 5.470 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008062.D
 Acq: 14 Mar 2019 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 91 Resp: 45053
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.5 52.6

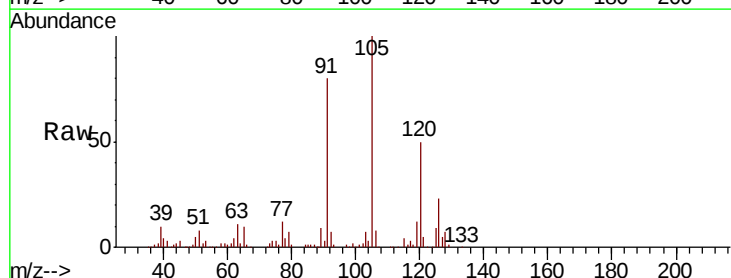


Abundance Ion 91.00 (90.70 to 91.70): VX008064.D (-1679) (-)
 Ion 125.90 (125.60 to 126.60): VX008064.D (-1679) (-)

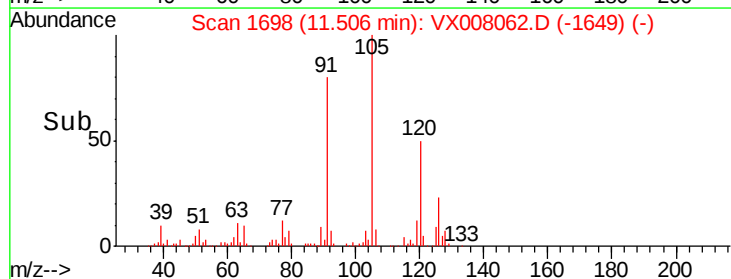
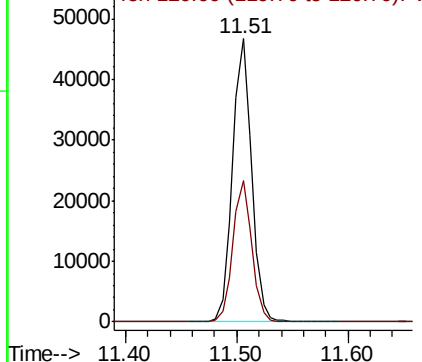


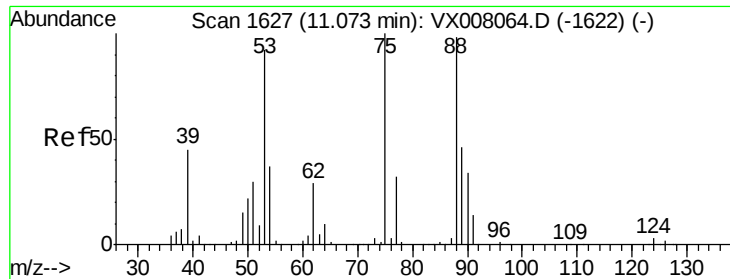
#80
 1,3,5-Trimethylbenzene
 Concen: 5.353 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008062.D
 Acq: 14 Mar 2019 10:05

Tgt Ion: 105 Resp: 55456
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX008064.D (-1692) (-)
 Ion 120.00 (119.70 to 120.70): VX008064.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 4.283 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

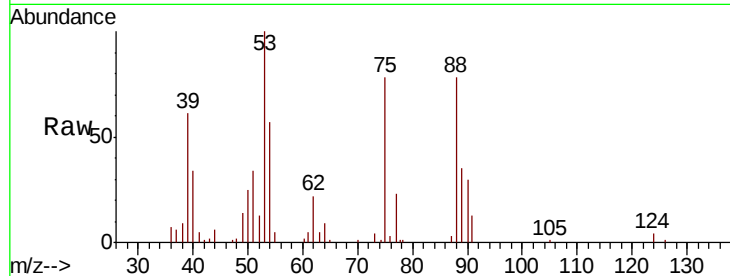
Tgt Ion: 75 Resp: 5305

Ion Ratio Lower Upper

75 100

53 119.8 76.1 114.1#

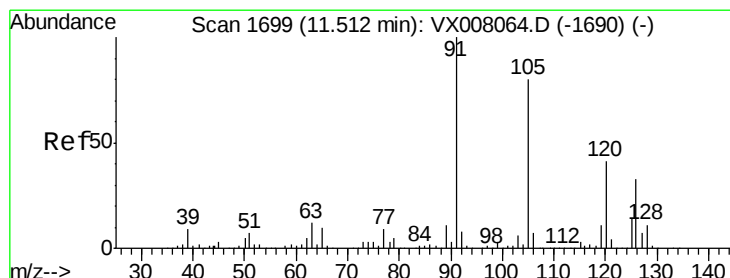
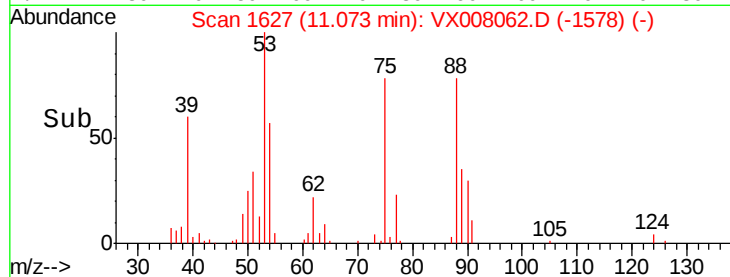
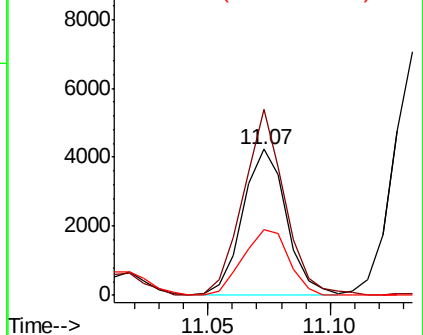
89 47.1 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 5.400 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008062.D

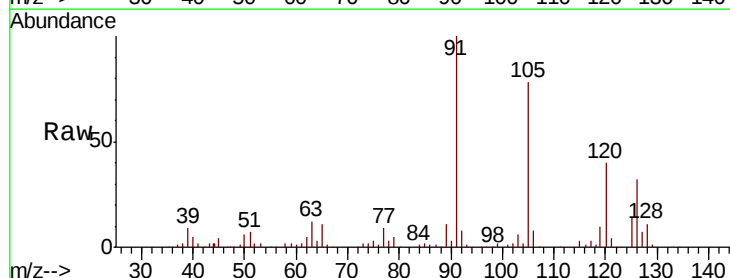
Acq: 14 Mar 2019 10:05

Tgt Ion: 91 Resp: 50707

Ion Ratio Lower Upper

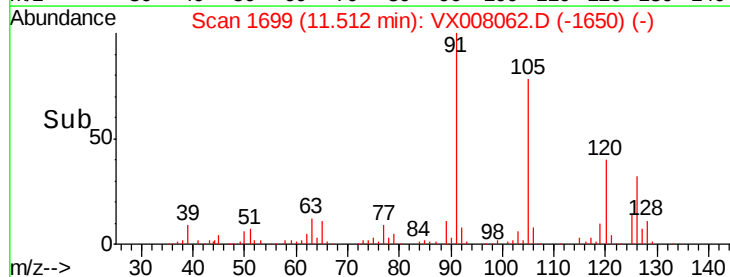
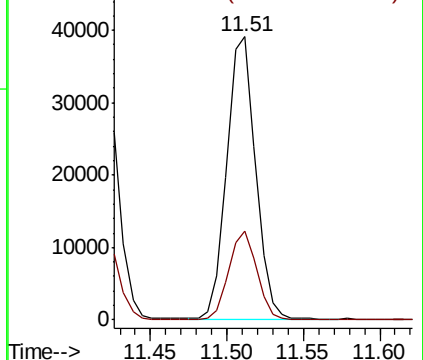
91 100

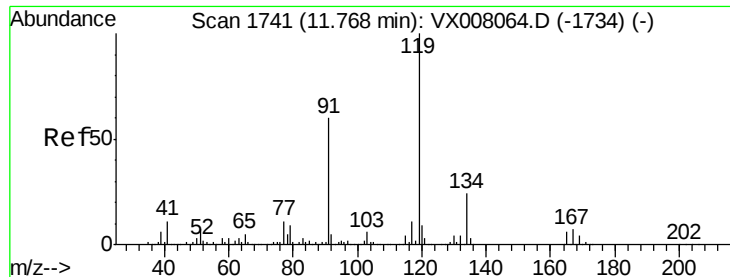
126 31.1 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

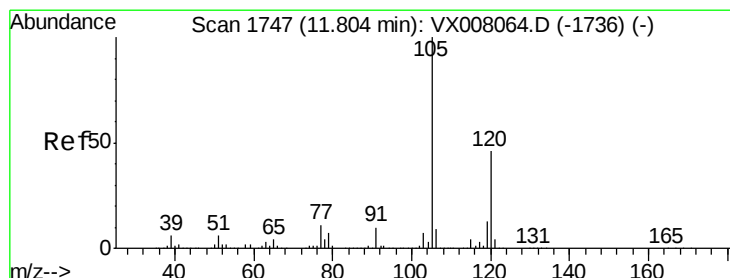
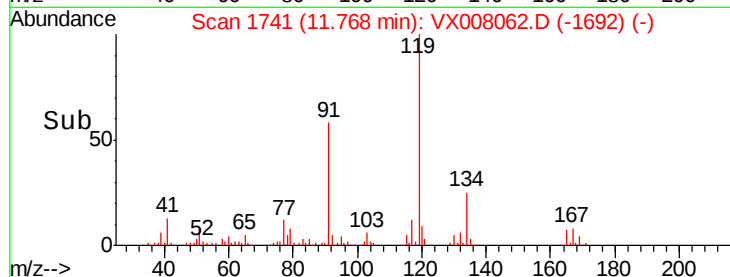
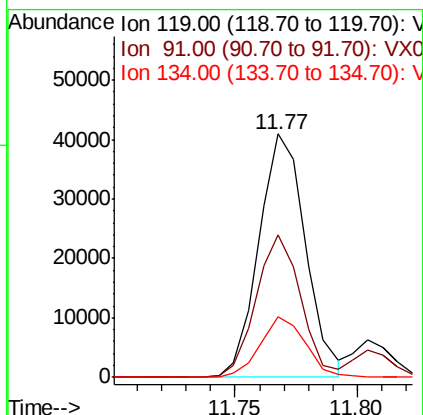
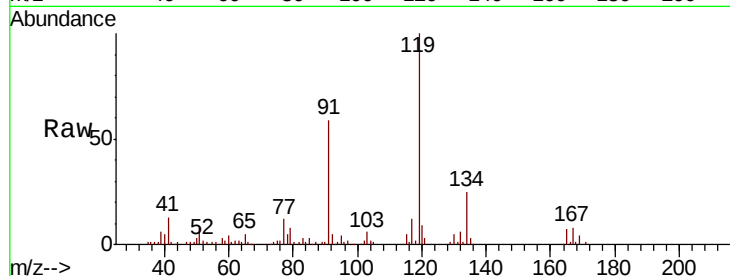




#83
 tert-Butylbenzene
 Concen: 5.337 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008062.D
 Acq: 14 Mar 2019 10:05

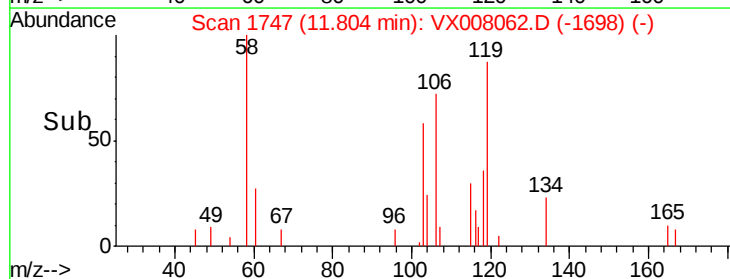
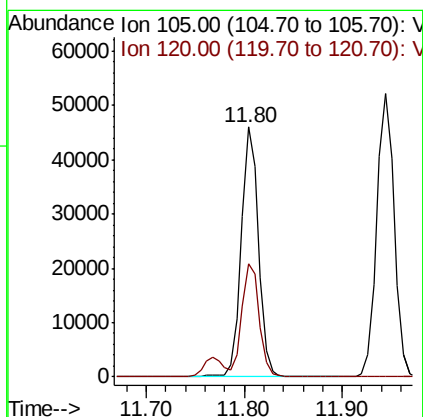
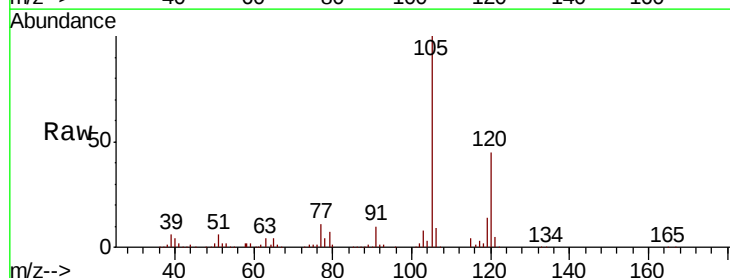
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

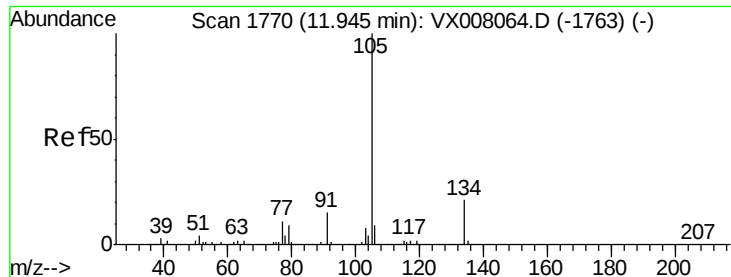
Tgt Ion:119 Resp: 54190
 Ion Ratio Lower Upper
 119 100
 91 56.3 27.1 81.3
 134 24.3 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 5.291 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008062.D
 Acq: 14 Mar 2019 10:05

Tgt Ion:105 Resp: 56355
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 5.207 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

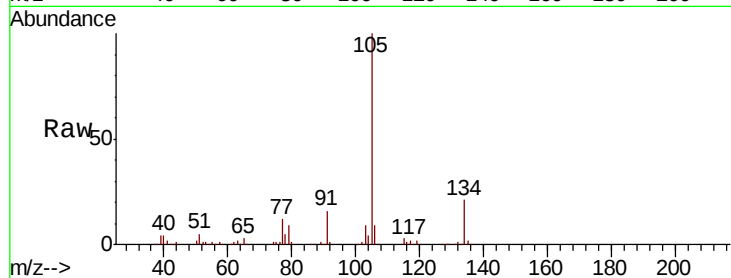
VSTDIC005

Tgt Ion:105 Resp: 64645

Ion Ratio Lower Upper

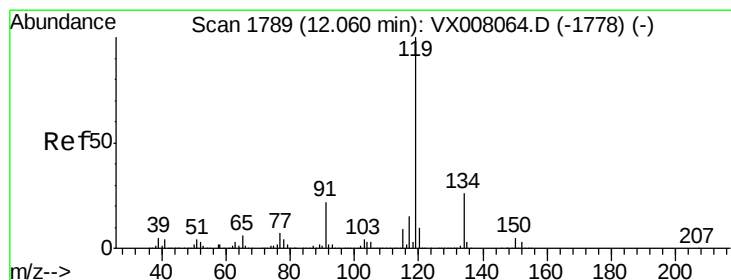
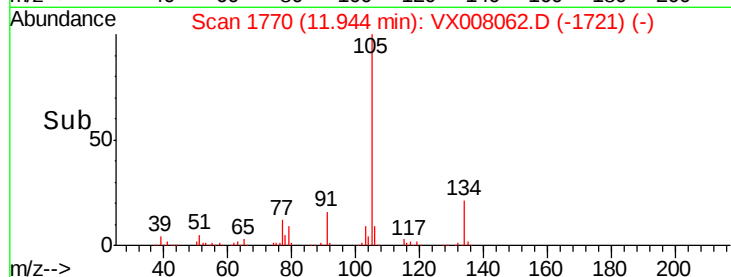
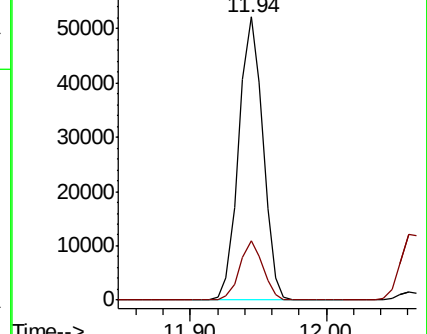
105 100

134 20.3 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.160 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

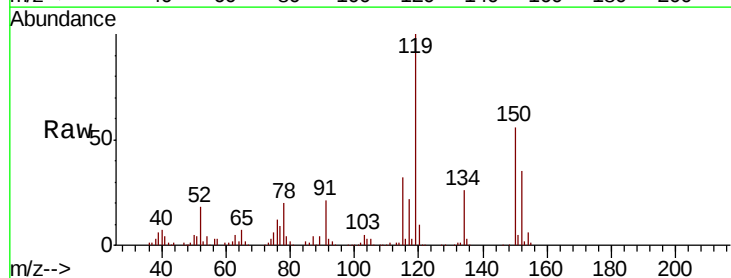
Tgt Ion:119 Resp: 58092

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

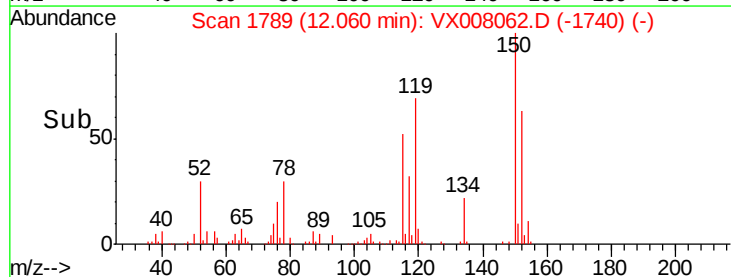
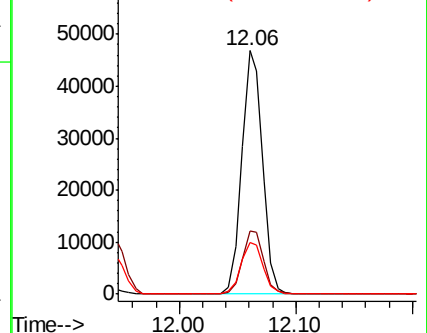
91 22.8 10.9 32.7

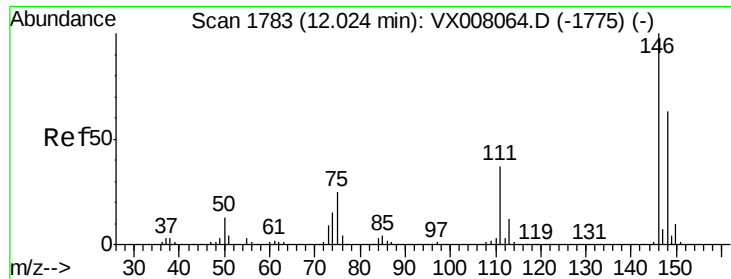


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 5.478 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

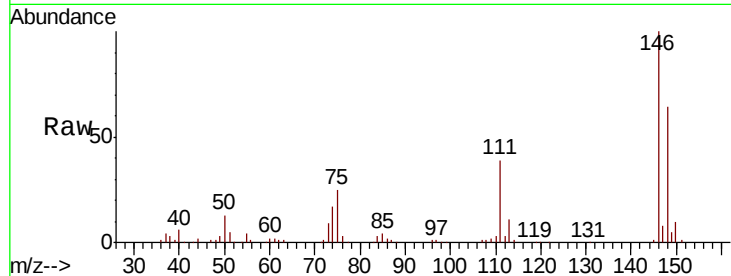
Tgt Ion:146 Resp: 32359

Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.7

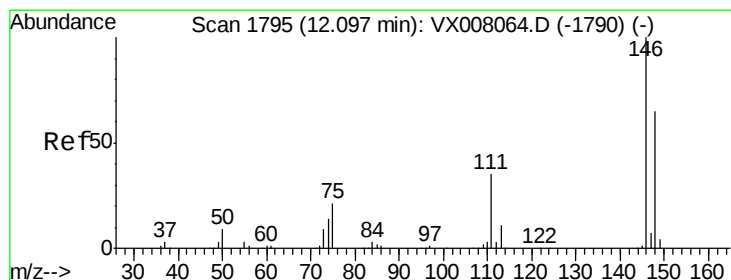
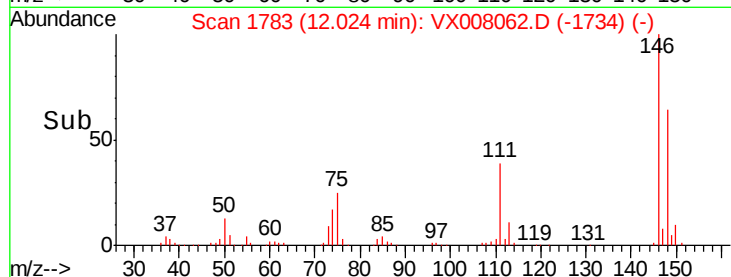
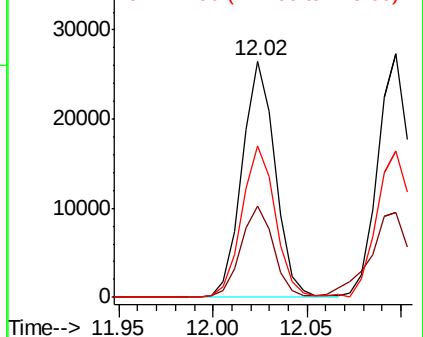
148 64.9 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 5.544 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

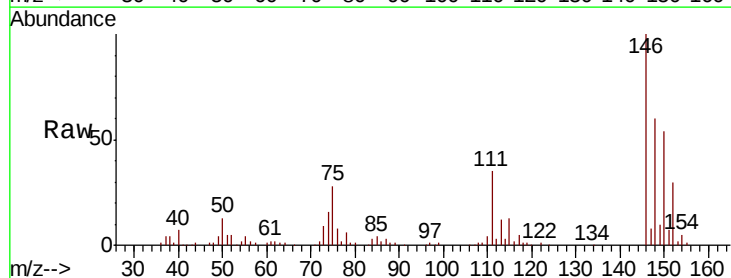
Tgt Ion:146 Resp: 32645

Ion Ratio Lower Upper

146 100

111 42.8 18.4 55.0

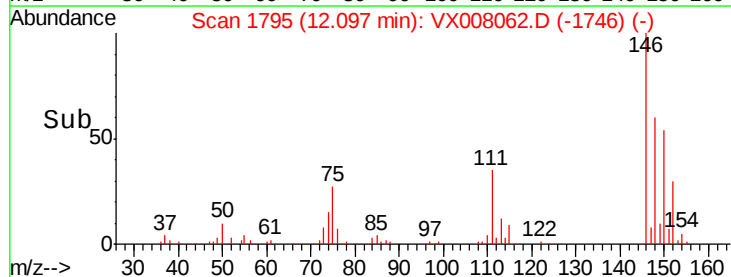
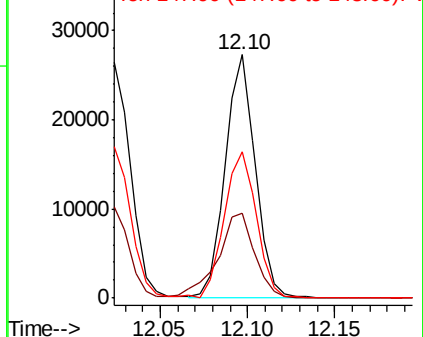
148 64.6 32.2 96.6

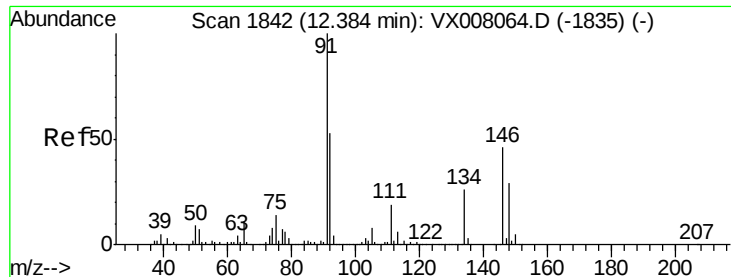


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 4.914 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008062.D

Acq: 14 Mar 2019 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

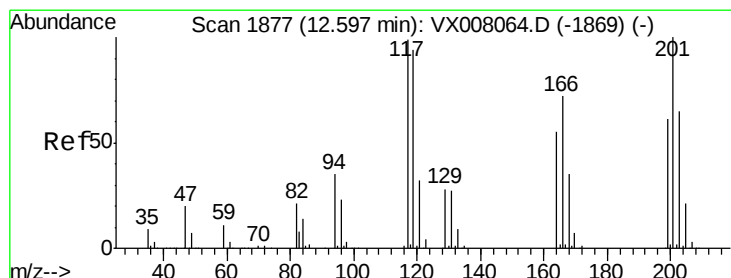
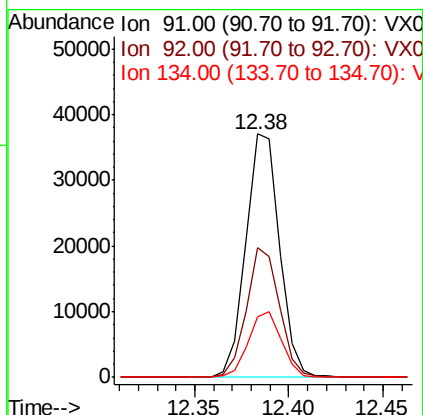
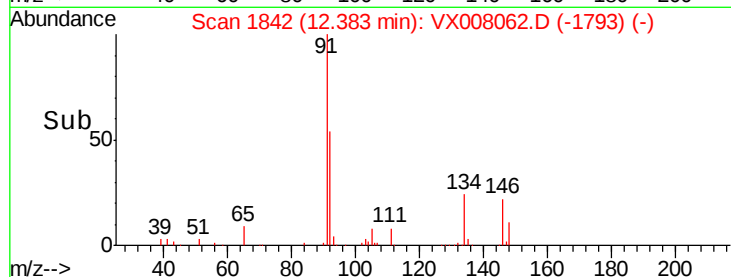
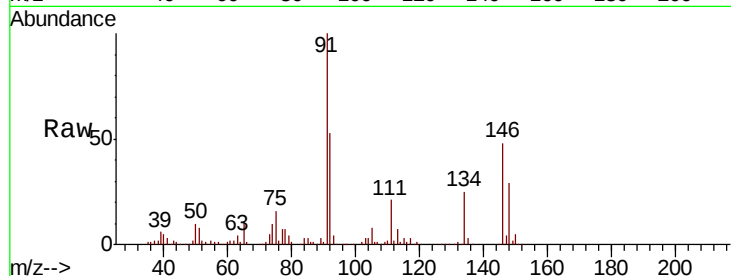
Tgt Ion: 91 Resp: 46151

Ion Ratio Lower Upper

91 100

92 52.4 27.0 80.8

134 26.6 13.7 41.0



#90

Hexachloroethane

Concen: 4.769 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX008062.D

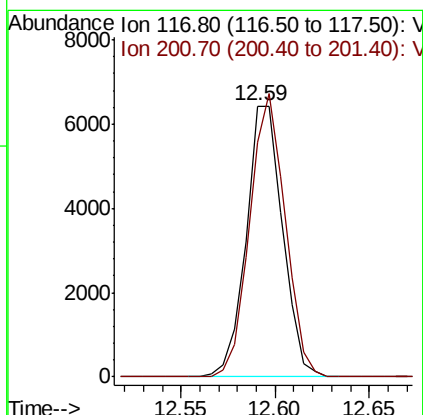
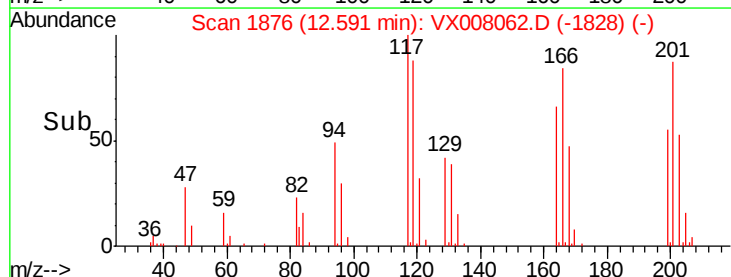
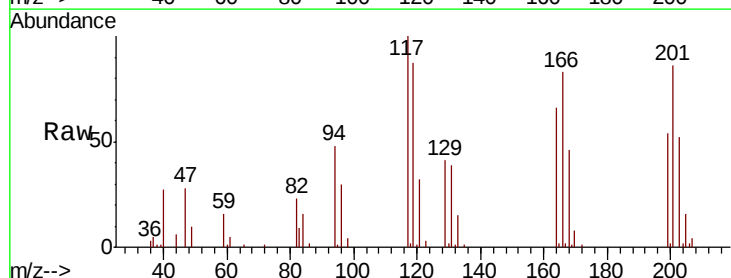
Acq: 14 Mar 2019 10:05

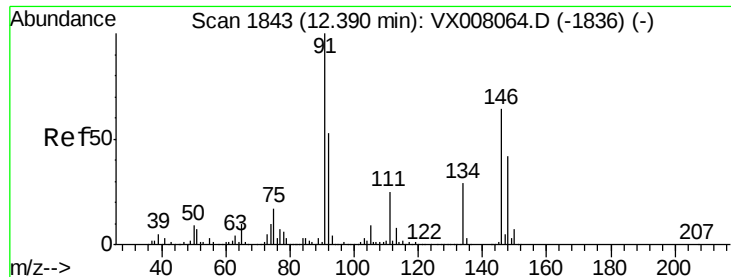
Tgt Ion: 117 Resp: 8627

Ion Ratio Lower Upper

117 100

201 101.3 48.9 146.7

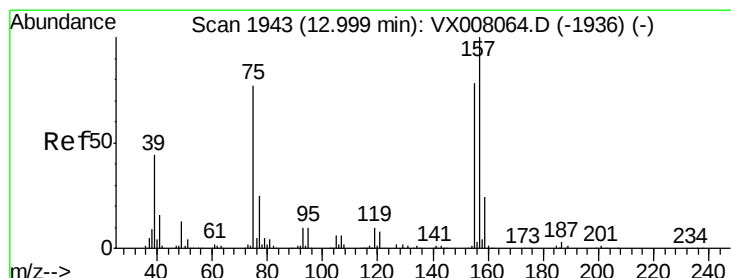
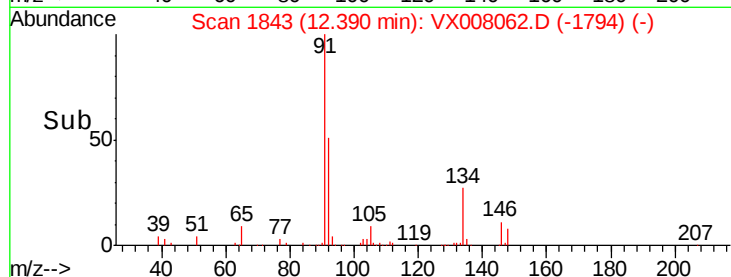
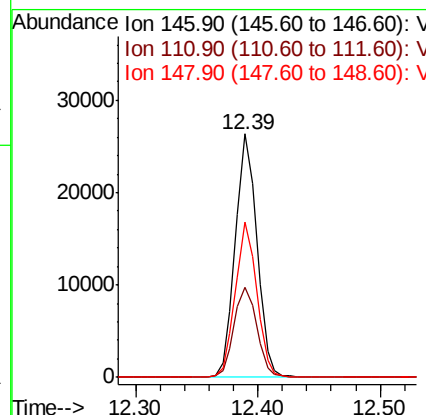
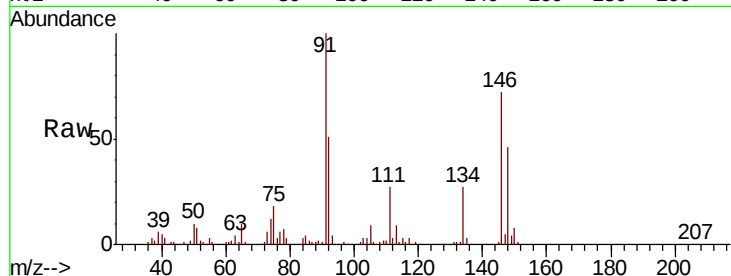




#91
 1,2-Dichlorobenzene
 Concen: 5.573 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008062.D
 Acq: 14 Mar 2019 10:05

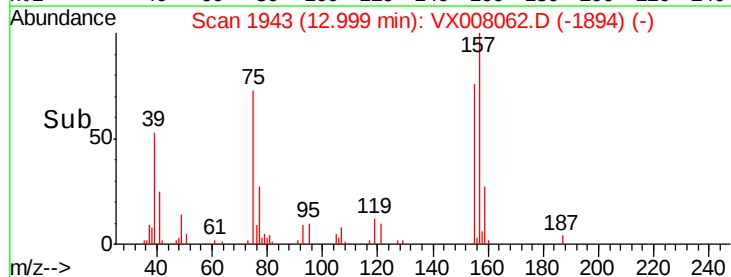
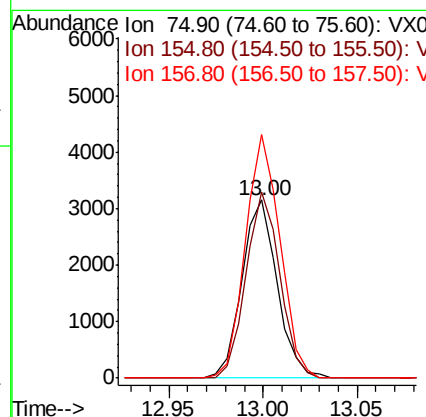
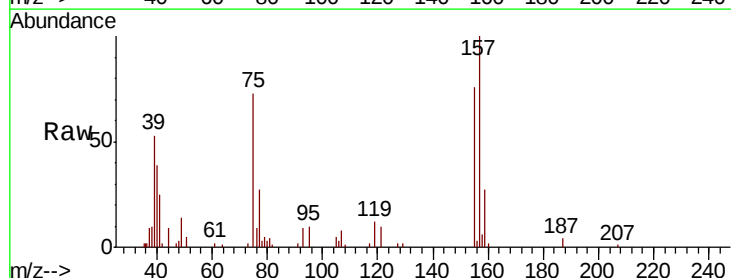
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

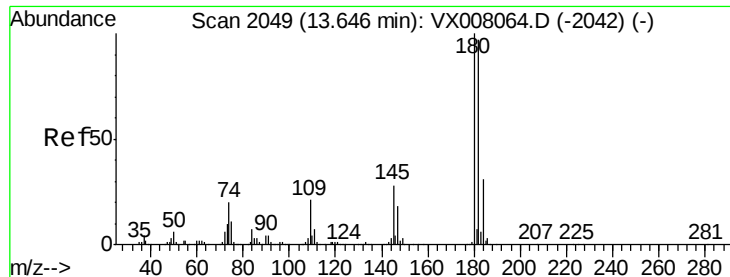
Tgt Ion:146 Resp: 32250
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.6 58.8
 148 63.2 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.741 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008062.D
 Acq: 14 Mar 2019 10:05

Tgt Ion: 75 Resp: 4072
 Ion Ratio Lower Upper
 75 100
 155 100.4 49.7 149.1
 157 134.4 63.8 191.4

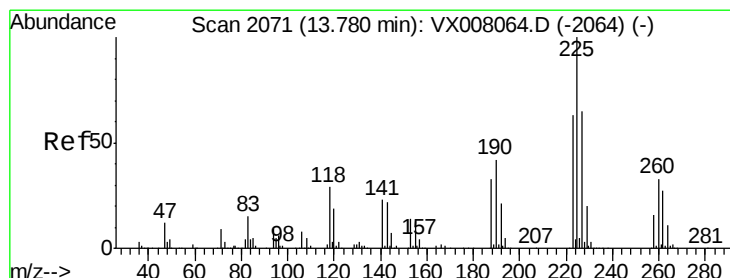
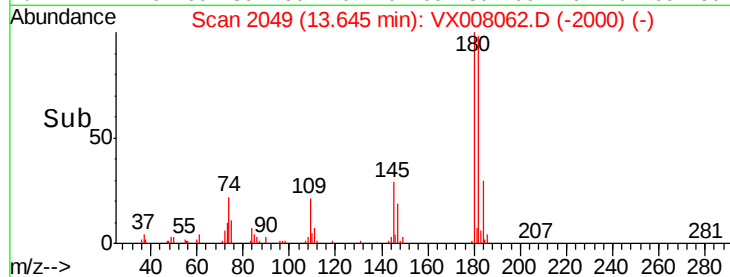
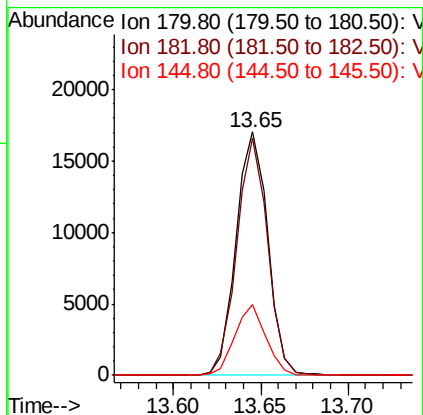
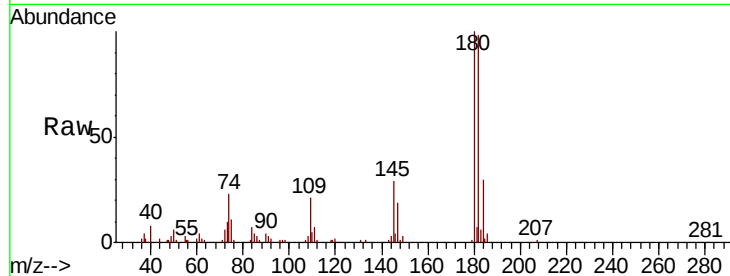




#93
 1,2,4-Trichlorobenzene
 Concen: 5.147 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008062.D
 Acq: 14 Mar 2019 10:05

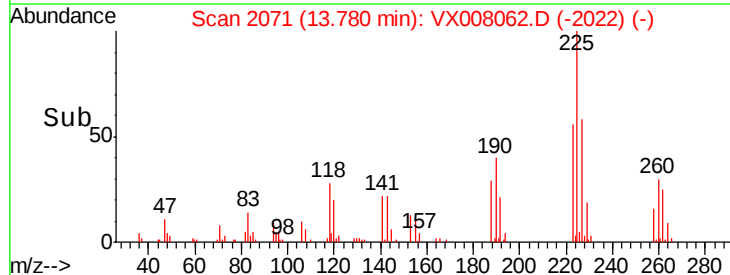
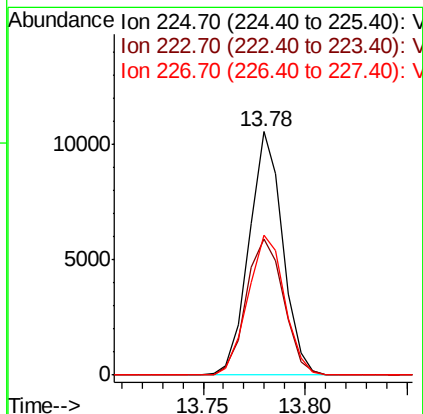
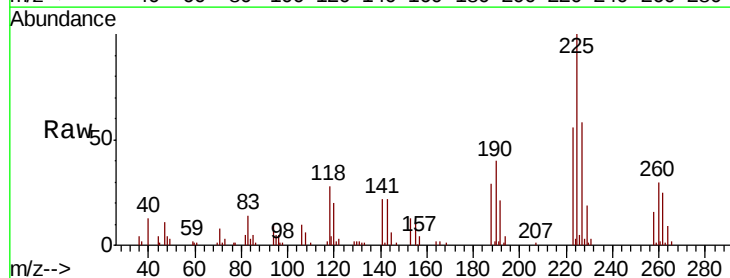
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

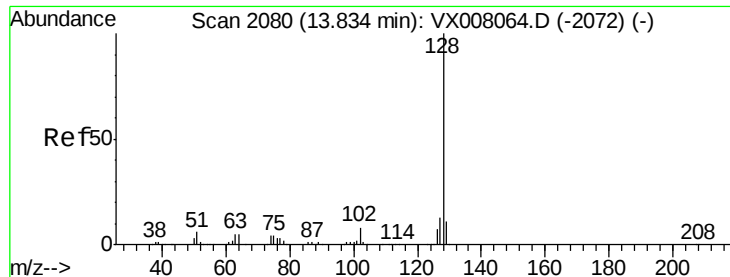
Tgt Ion:180 Resp: 21420
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.9 143.7
 145 28.3 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 5.355 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008062.D
 Acq: 14 Mar 2019 10:05

Tgt Ion:225 Resp: 12147
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.1 93.2
 227 62.6 32.0 96.0

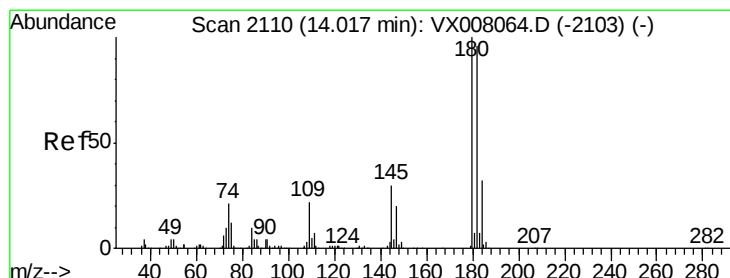
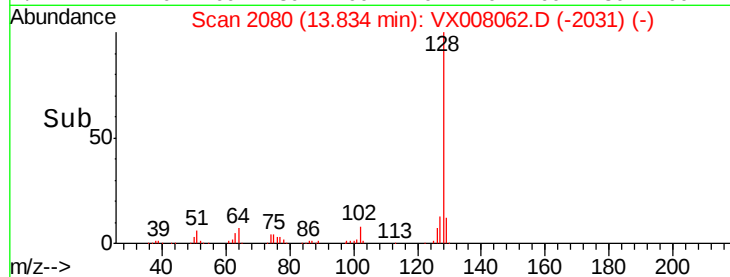
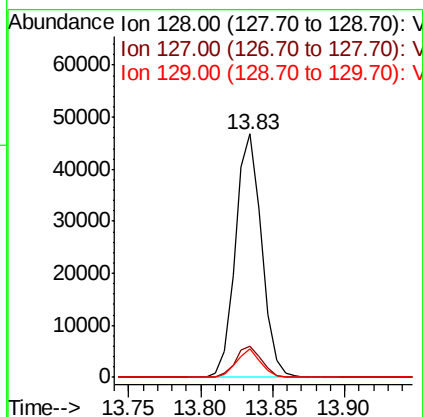
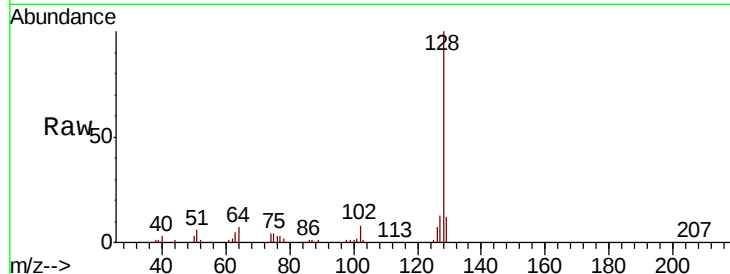




#95
Naphthalene
Concen: 4.822 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008062.D
Acq: 14 Mar 2019 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 59376
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 5.106 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008062.D
Acq: 14 Mar 2019 10:05

Tgt Ion:180 Resp: 21182
Ion Ratio Lower Upper
180 100
182 98.7 47.5 142.5
145 30.6 14.8 44.3

