

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX042919\
 Data File : VX009202.D
 Acq On : 29 Apr 2019 12:33
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 30 06:43:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 06:38:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	198434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	322559	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	289447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136365	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	52222	18.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.14%	
35) Dibromofluoromethane	5.49	113	39375	18.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.90%	
50) Toluene-d8	8.71	98	161719	19.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.94%	
62) 4-Bromofluorobenzene	11.13	95	56217	19.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	36339	16.511	ug/l	100
3) Chloromethane	1.32	50	48848	17.622	ug/l	100
4) Vinyl Chloride	1.40	62	47431	17.626	ug/l	98
5) Bromomethane	1.64	94	26237	14.959	ug/l	94
6) Chloroethane	1.72	64	30386	19.027	ug/l	97
7) Trichlorofluoromethane	1.93	101	57182	18.090	ug/l	98
8) Diethyl Ether	2.18	74	27099	18.631	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	36270	17.910	ug/l	99
10) Methyl Iodide	2.51	142	34308	17.117	ug/l	99
11) Tert butyl alcohol	3.04	59	60126	96.249	ug/l	98
12) 1,1-Dichloroethene	2.37	96	37121	17.625	ug/l	94
13) Acrolein	2.29	56	57451	106.764	ug/l	99
14) Allyl chloride	2.73	41	85618	18.548	ug/l	99
15) Acrylonitrile	3.14	53	146258	93.242	ug/l	100
16) Acetone	2.44	43	145471	100.571	ug/l	100
17) Carbon Disulfide	2.57	76	101620	15.661	ug/l	100
18) Methyl Acetate	2.77	43	65431	18.092	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	139145	18.421	ug/l	98
20) Methylene Chloride	2.85	84	44330	17.875	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	38701	17.212	ug/l	98
22) Diisopropyl ether	3.85	45	168485	18.705	ug/l	98
23) Vinyl Acetate	3.81	43	739098	93.861	ug/l	100
24) 1,1-Dichloroethane	3.70	63	82308	18.243	ug/l	98
25) 2-Butanone	4.67	43	225227	97.560	ug/l	99
26) 2,2-Dichloropropane	4.58	77	60266	17.811	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	46351	18.085	ug/l	98
28) Bromochloromethane	5.01	49	34536	16.285	ug/l	98
29) Tetrahydrofuran	5.12	42	140561	91.059	ug/l	99
30) Chloroform	5.21	83	75110	18.592	ug/l	96
31) Cyclohexane	5.58	56	79341	17.980	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	62031	18.550	ug/l	99
36) 1,1-Dichloropropene	5.80	75	56224	17.011	ug/l	99
37) Ethyl Acetate	4.83	43	81292	19.107	ug/l	100
38) Carbon Tetrachloride	5.78	117	51839	18.415	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69762	17.357	ug/l	99
40) Benzene	6.14	78	178652	18.262	ug/l	98
41) Methacrylonitrile	5.04	41	46242	18.838	ug/l	99
42) 1,2-Dichloroethane	6.19	62	63938	18.446	ug/l	99
43) Isopropyl Acetate	6.44	43	125945	18.303	ug/l	100
44) Trichloroethene	7.21	130	41185	17.205	ug/l	99
45) 1,2-Dichloropropane	7.51	63	49880	18.350	ug/l	98
46) Dibromomethane	7.66	93	28562	18.075	ug/l	99
47) Bromodichloromethane	7.90	83	57200	18.414	ug/l	99
48) Methyl methacrylate	7.77	41	62303	18.328	ug/l	99
49) 1,4-Dioxane	7.74	88	25508	392.397	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	416936	94.755	ug/l	100
52) Toluene	8.78	92	107317	18.263	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	64441	18.122	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	71785	17.965	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	44208	18.931	ug/l	99
56) Ethyl methacrylate	9.18	69	77373	18.502	ug/l	99
57) 1,3-Dichloropropane	9.37	76	76055	18.349	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	213915	94.702	ug/l	100
59) 2-Hexanone	9.49	43	330950	97.051	ug/l	99
60) Dibromochloromethane	9.58	129	42409	18.951	ug/l	99
61) 1,2-Dibromoethane	9.67	107	44147	18.394	ug/l	99
64) Tetrachloroethene	9.34	164	38081	17.514	ug/l	97
65) Chlorobenzene	10.13	112	110205	18.061	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	39529	18.402	ug/l	99
67) Ethyl Benzene	10.25	91	203894	18.300	ug/l	98
68) m/p-Xylenes	10.36	106	148862	36.657	ug/l	99
69) o-Xylene	10.69	106	73412	18.579	ug/l	99
70) Styrene	10.71	104	126033	18.366	ug/l	99
71) Bromoform	10.85	173	30905	18.021	ug/l #	98
73) Isopropylbenzene	11.02	105	193811	18.868	ug/l	99
74) N-amyl acetate	10.90	43	110594	18.653	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70730	18.736	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	81775	24.655	ug/l	81
77) Bromobenzene	11.26	156	47440	18.299	ug/l	99
78) n-propylbenzene	11.36	91	221055	18.788	ug/l	99
79) 2-Chlorotoluene	11.42	91	133261	18.747	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	165072	19.138	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22984	17.962	ug/l	97
82) 4-Chlorotoluene	11.51	91	152253	18.457	ug/l	99
83) tert-Butylbenzene	11.77	119	155594	18.729	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	164667	18.741	ug/l	99
85) sec-Butylbenzene	11.94	105	186398	18.854	ug/l	100
86) p-Isopropyltoluene	12.06	119	168493	18.550	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	82821	18.180	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	83637	18.101	ug/l	99
89) n-Butylbenzene	12.38	91	148098	17.610	ug/l	100
90) Hexachloroethane	12.59	117	27835	18.557	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	83854	18.546	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16039	18.572	ug/l	99

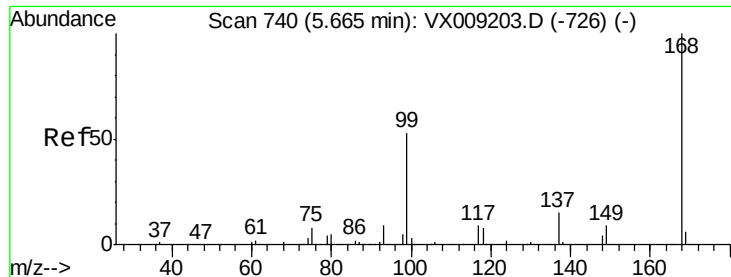
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	58804	18.114	ug/l	98
94) Hexachlorobutadiene	13.78	225	28451	17.563	ug/l	98
95) Naphthalene	13.83	128	200685	19.226	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	61274	19.043	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

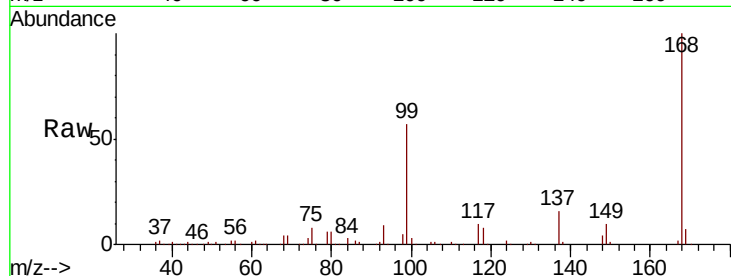
VSTDIC020

Tgt Ion:168 Resp: 198434

Ion Ratio Lower Upper

168 100

99 56.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

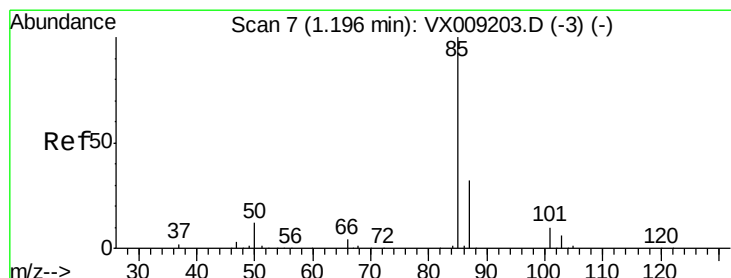
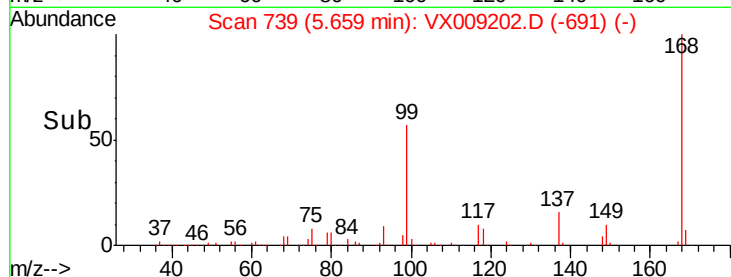
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.511 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009202.D

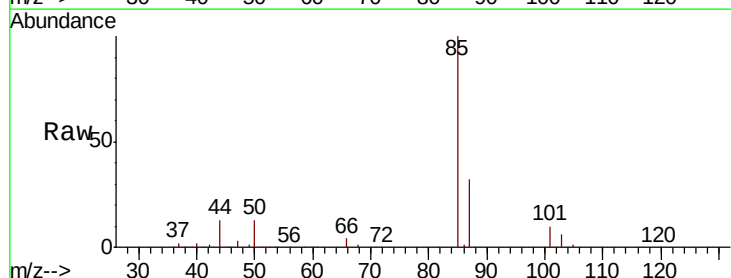
Acq: 29 Apr 2019 12:33

Tgt Ion: 85 Resp: 36339

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

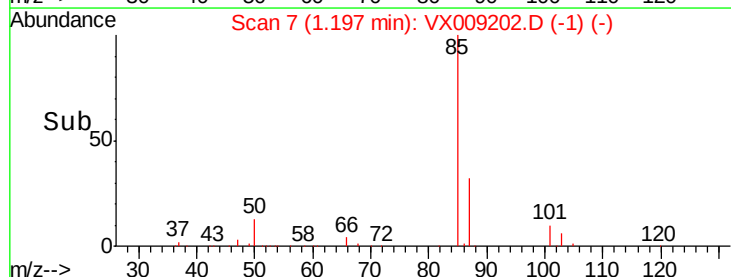
30000

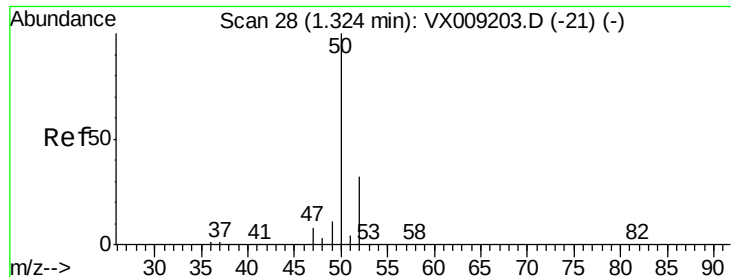
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.622 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

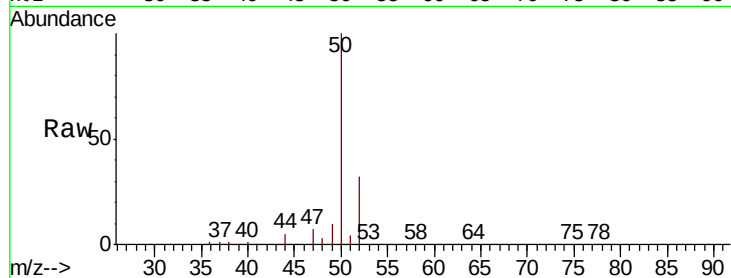
VSTDIC020

Tgt Ion: 50 Resp: 48848

Ion Ratio Lower Upper

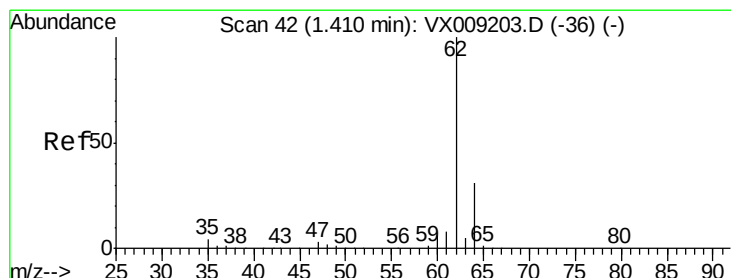
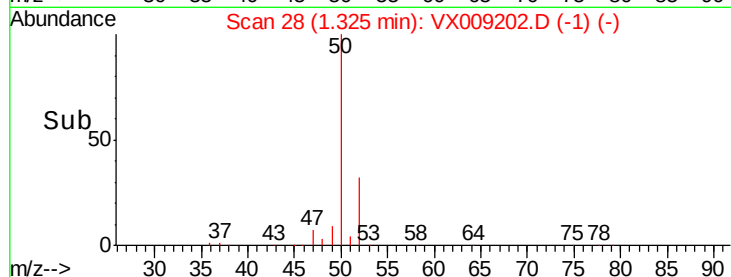
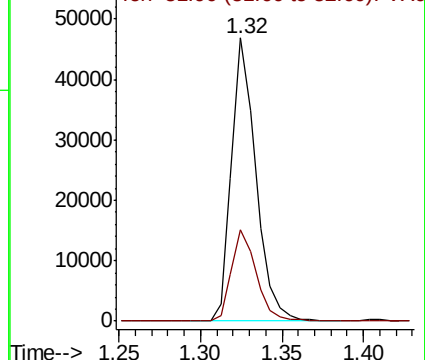
50 100

52 32.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.626 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009202.D

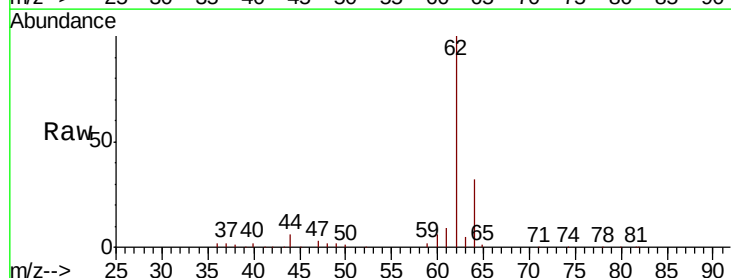
Acq: 29 Apr 2019 12:33

Tgt Ion: 62 Resp: 47431

Ion Ratio Lower Upper

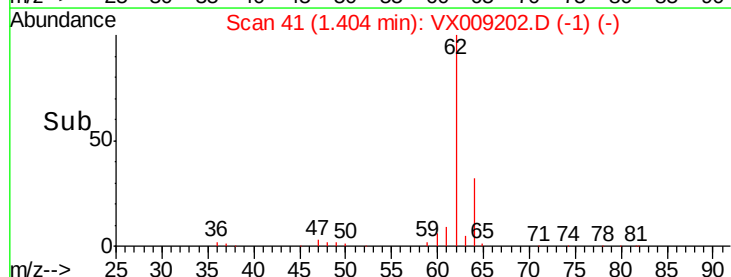
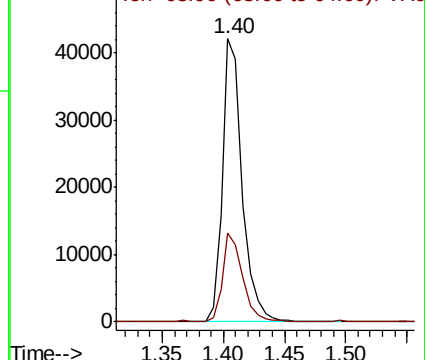
62 100

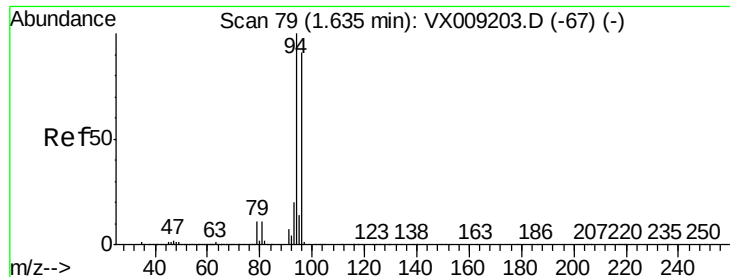
64 31.5 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 14.959 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

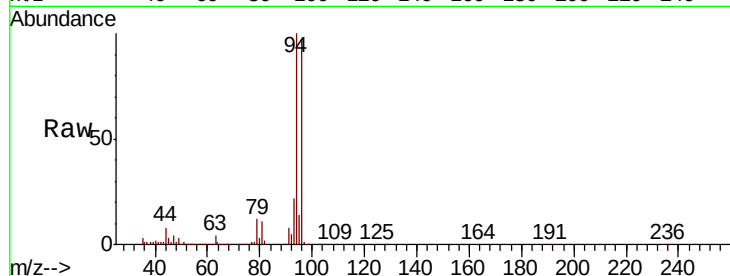
VSTDIC020

Tgt Ion: 94 Resp: 26237

Ion Ratio Lower Upper

94 100

96 96.5 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

30000

25000

20000

15000

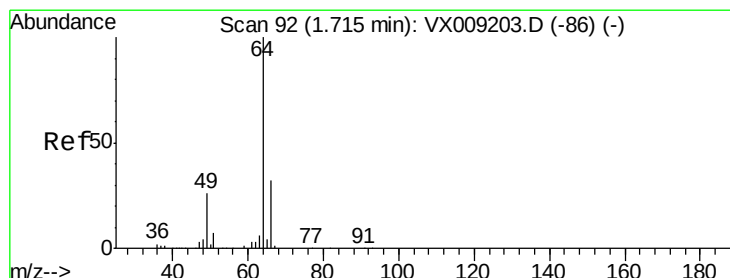
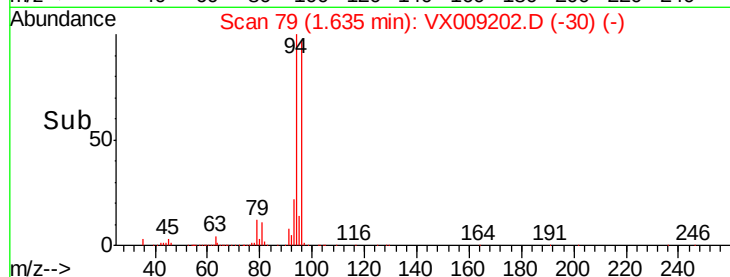
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 19.027 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009202.D

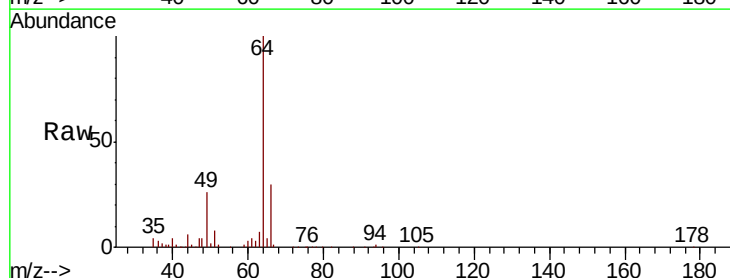
Acq: 29 Apr 2019 12:33

Tgt Ion: 64 Resp: 30386

Ion Ratio Lower Upper

64 100

66 30.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

25000

20000

15000

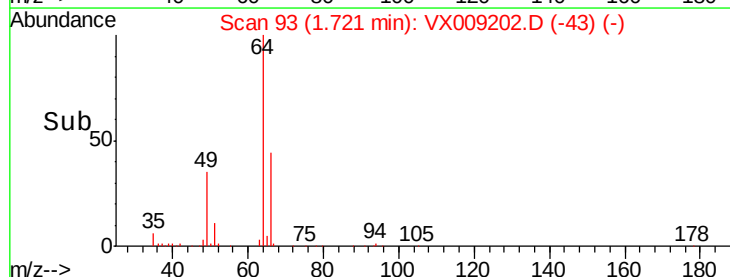
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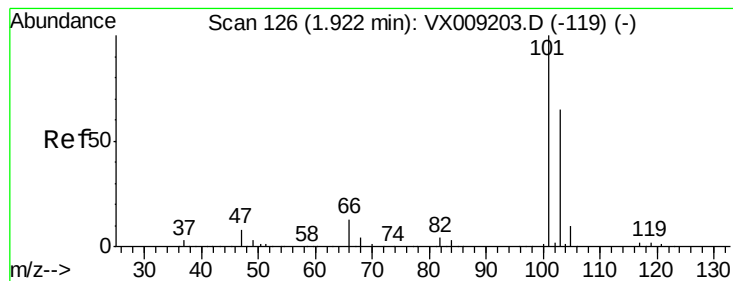
5000

0

Time-->

1.65 1.70 1.75 1.80



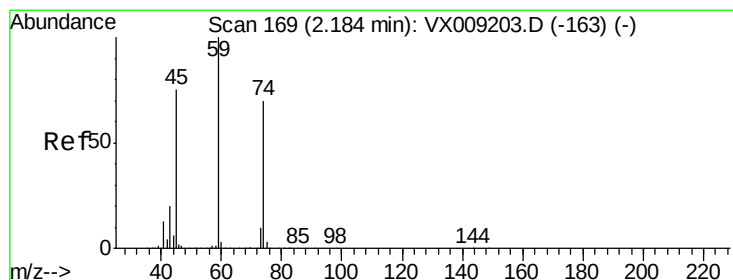
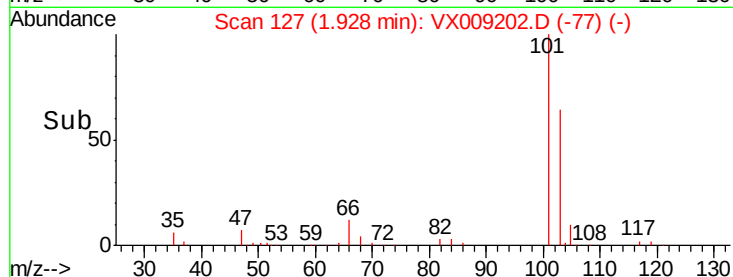
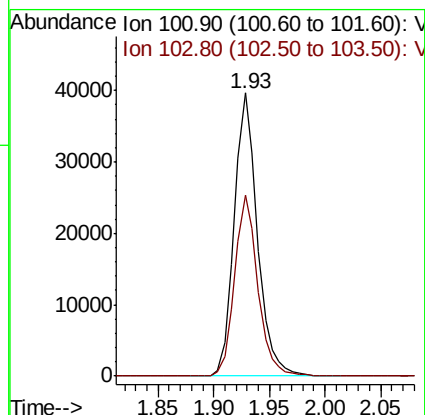
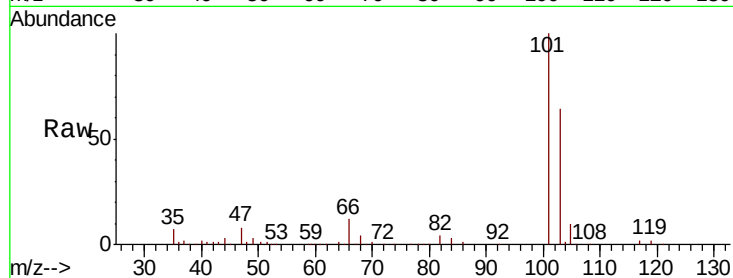


#7

Trichlorofluoromethane
Concen: 18.090 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

Instrument :
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ClientSampleId :
VSTDIC020

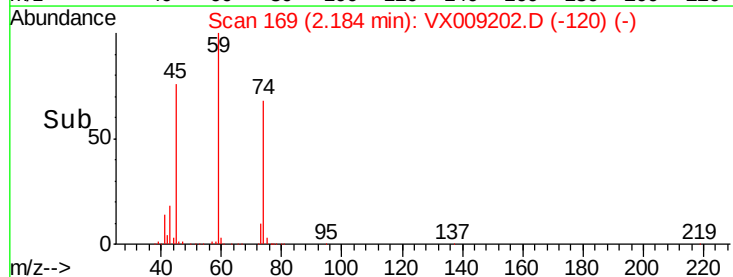
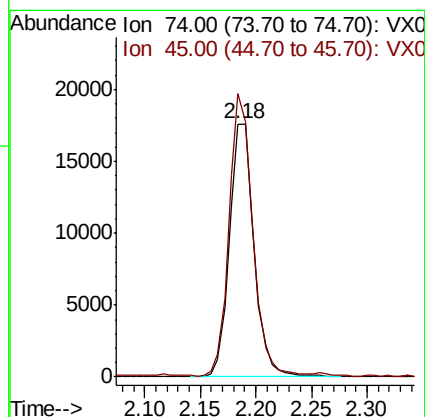
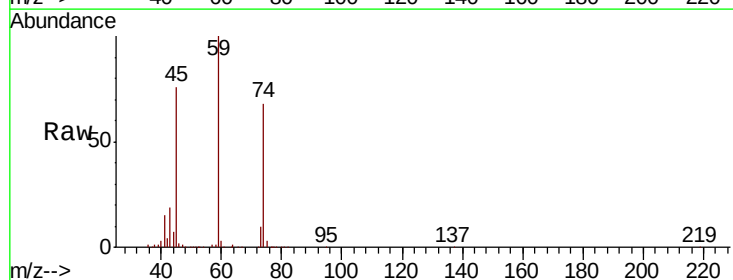
Tgt Ion:101 Resp: 57182
Ion Ratio Lower Upper
101 100
103 64.0 52.4 78.6

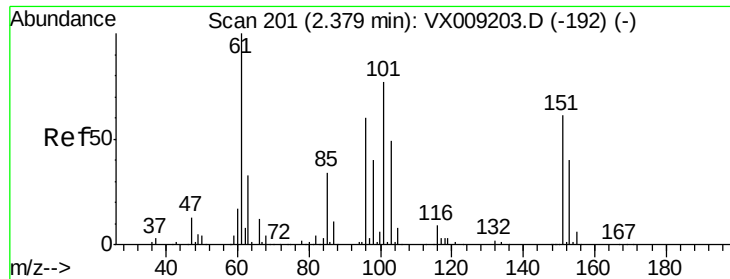


#8

Diethyl Ether
Concen: 18.631 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

Tgt Ion: 74 Resp: 27099
Ion Ratio Lower Upper
74 100
45 105.8 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.910 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

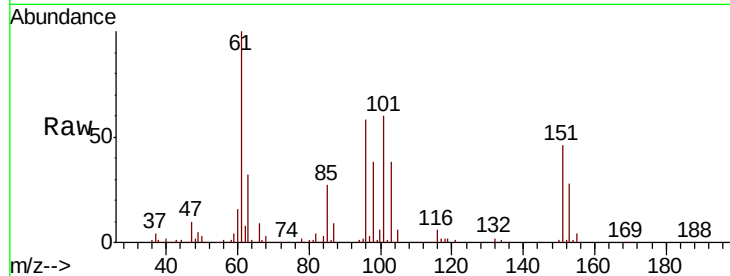
Tgt Ion:101 Resp: 36270

Ion Ratio Lower Upper

101 100

85 43.8 35.7 53.5

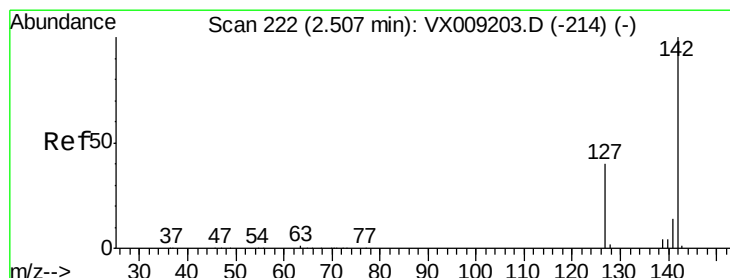
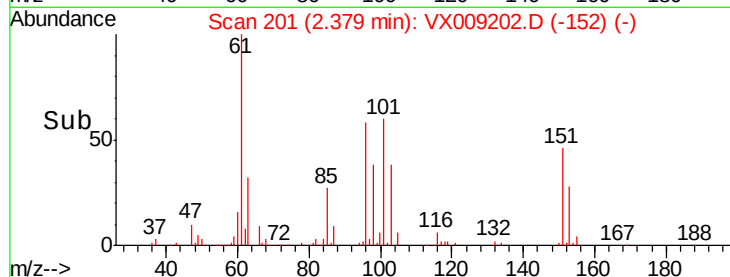
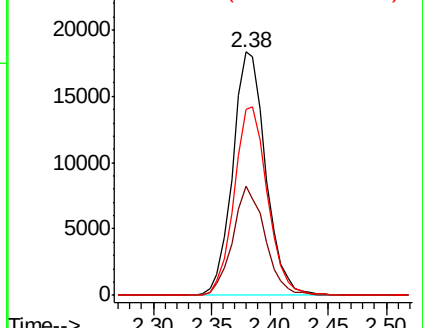
151 78.1 62.2 93.2



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: 17.117 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

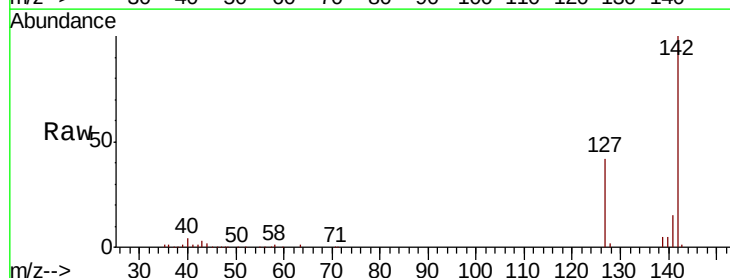
Tgt Ion:142 Resp: 34308

Ion Ratio Lower Upper

142 100

127 39.8 32.7 49.1

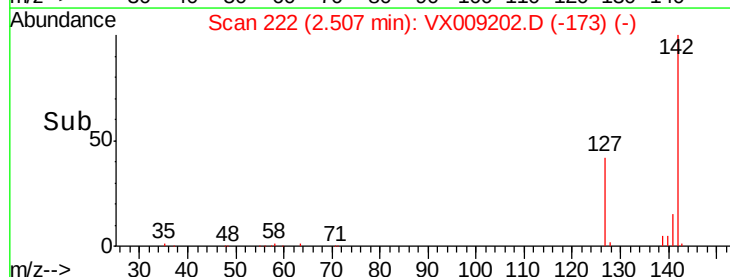
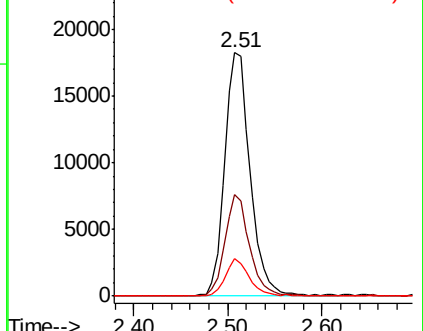
141 14.3 11.5 17.3

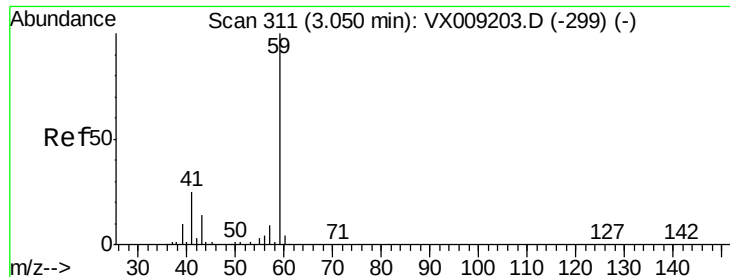


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

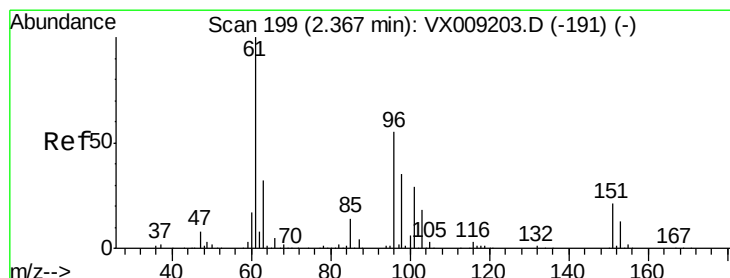
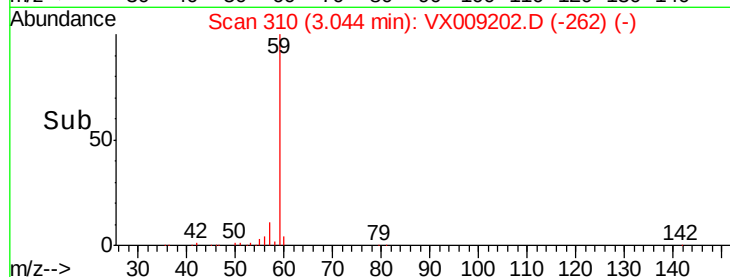
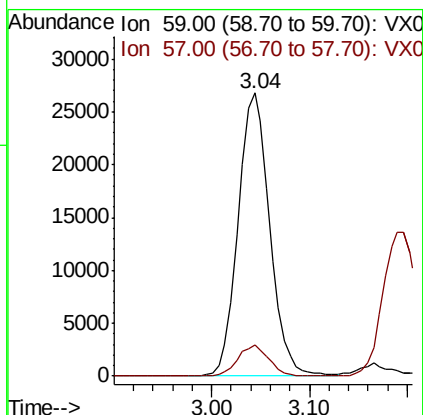
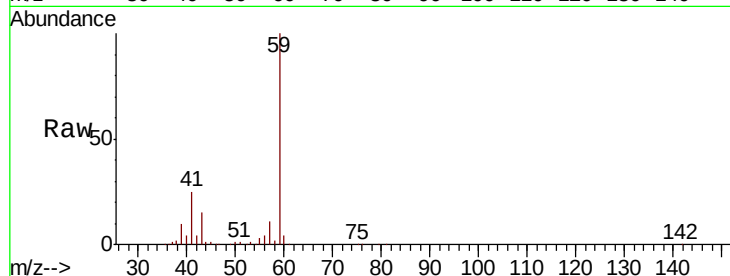




#11
Tert butyl alcohol
Concen: 96.249 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

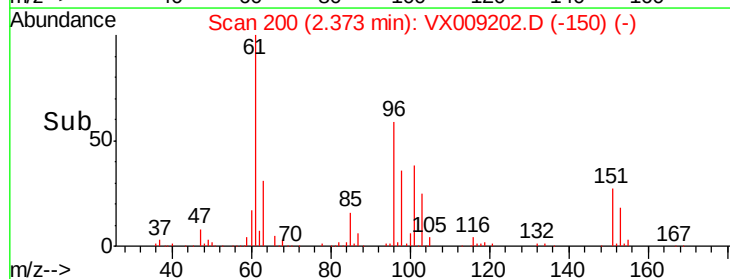
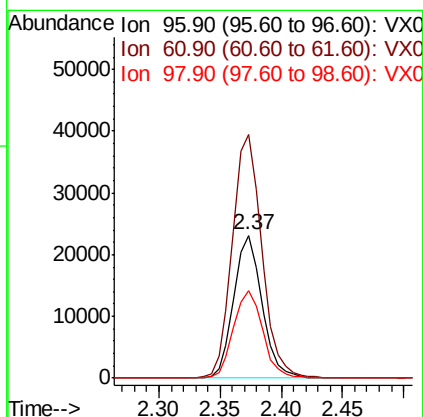
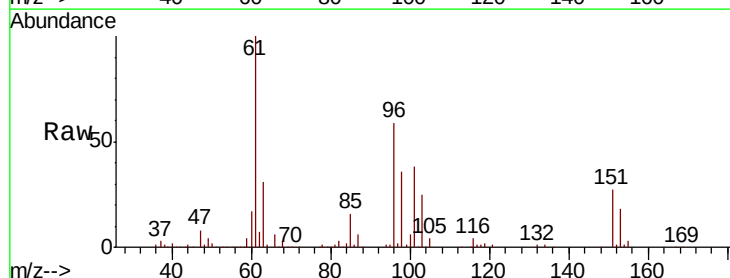
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

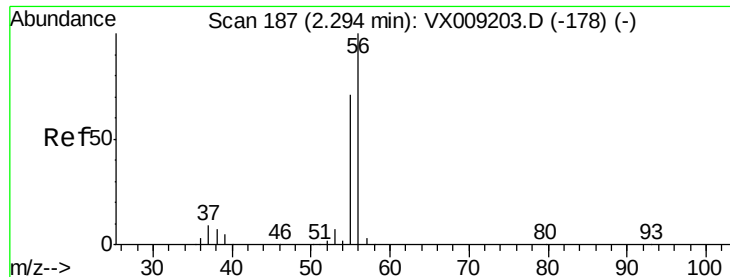
Tgt Ion: 59 Resp: 60126
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 17.625 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

Tgt Ion: 96 Resp: 37121
Ion Ratio Lower Upper
96 100
61 170.9 144.3 216.5
98 61.3 50.3 75.5

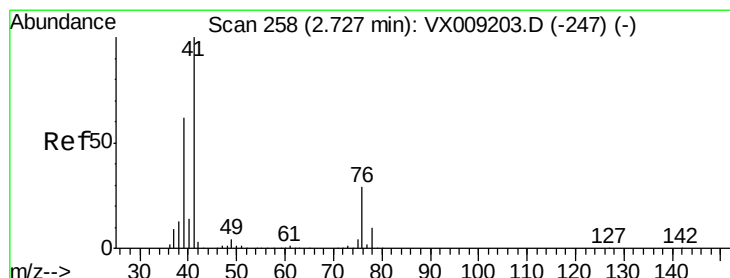
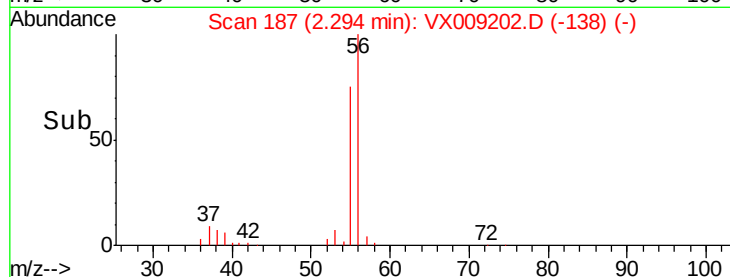
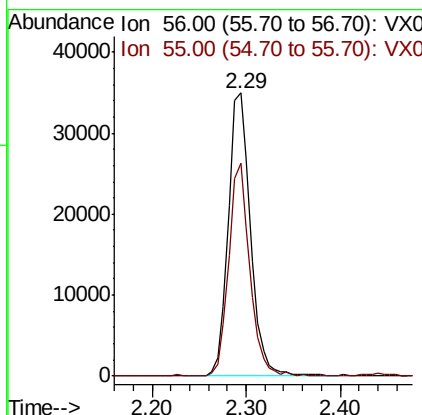
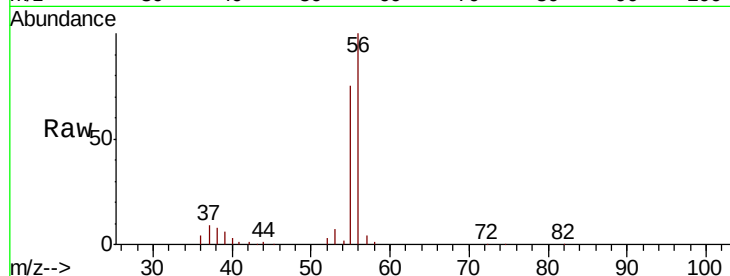




#13
 Acrolein
 Concen: 106.764 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX009202.D
 Acq: 29 Apr 2019 12:33

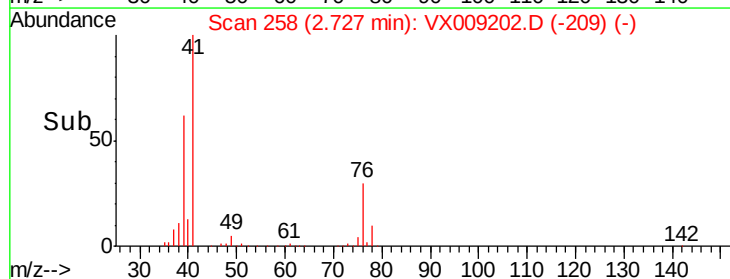
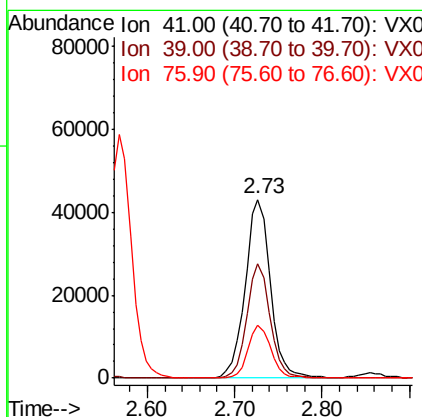
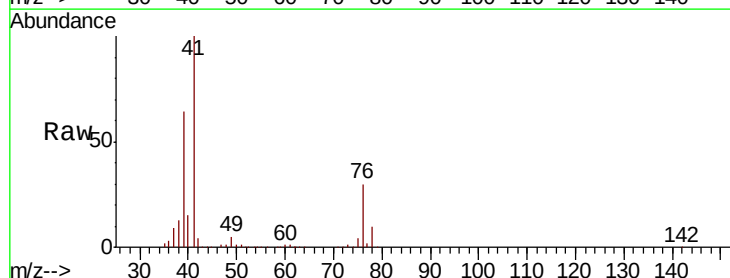
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

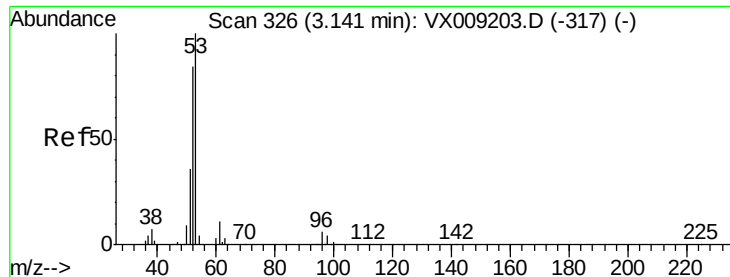
Tgt Ion: 56 Resp: 57451
 Ion Ratio Lower Upper
 56 100
 55 70.4 56.6 85.0



#14
 Allyl chloride
 Concen: 18.548 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. 0.00 min
 Lab File: VX009202.D
 Acq: 29 Apr 2019 12:33

Tgt Ion: 41 Resp: 85618
 Ion Ratio Lower Upper
 41 100
 39 59.7 46.7 70.1
 76 27.3 21.8 32.8





#15

Acrylonitrile

Concen: 93.242 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

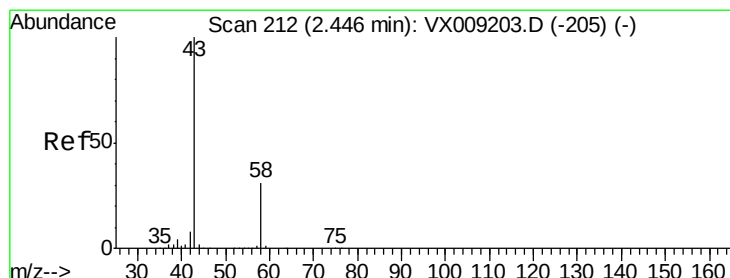
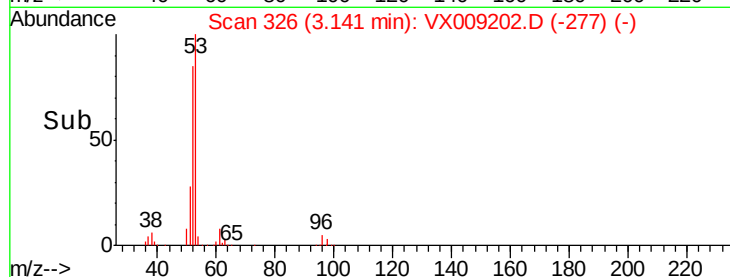
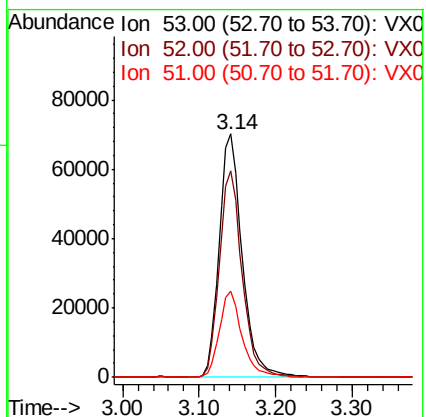
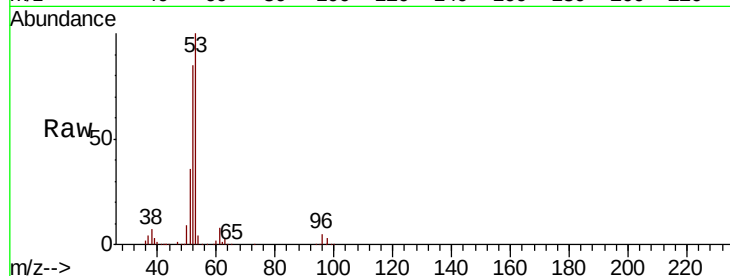
Tgt Ion: 53 Resp: 146258

Ion Ratio Lower Upper

53 100

52 83.5 66.9 100.3

51 35.3 28.2 42.2



#16

Acetone

Concen: 100.571 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009202.D

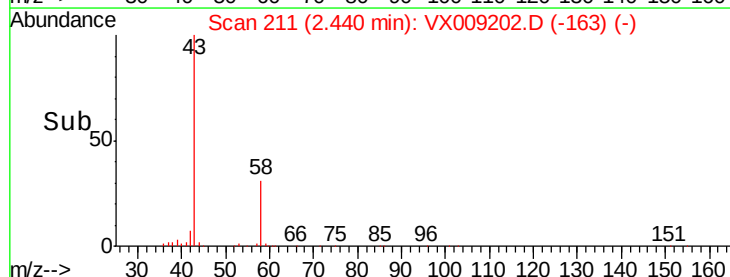
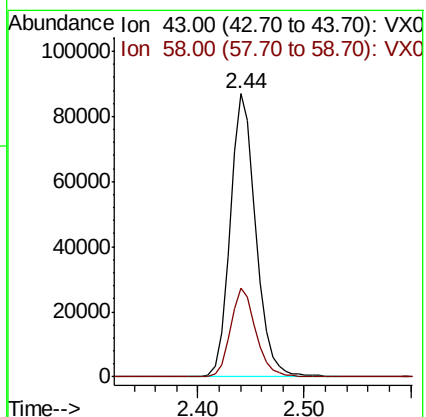
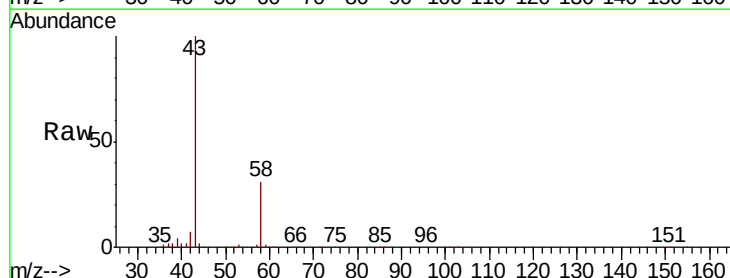
Acq: 29 Apr 2019 12:33

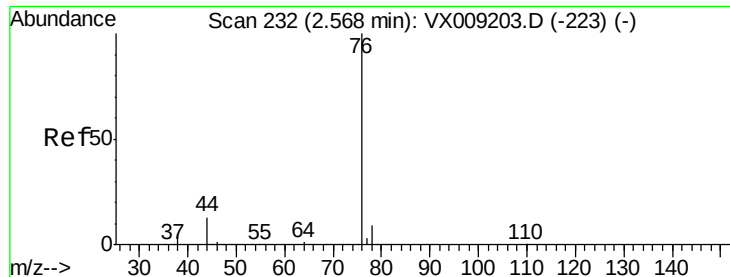
Tgt Ion: 43 Resp: 145471

Ion Ratio Lower Upper

43 100

58 31.3 24.9 37.3





#17

Carbon Disulfide

Concen: 15.661 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

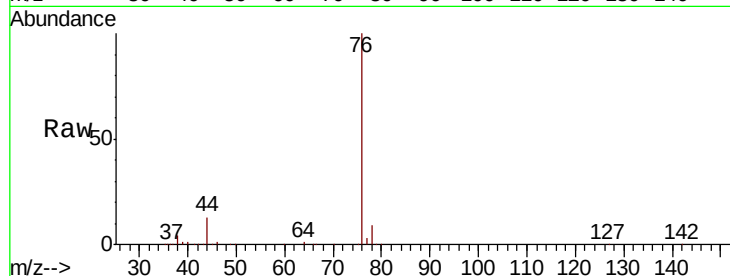
VSTDIC020

Tgt Ion: 76 Resp: 101620

Ion Ratio Lower Upper

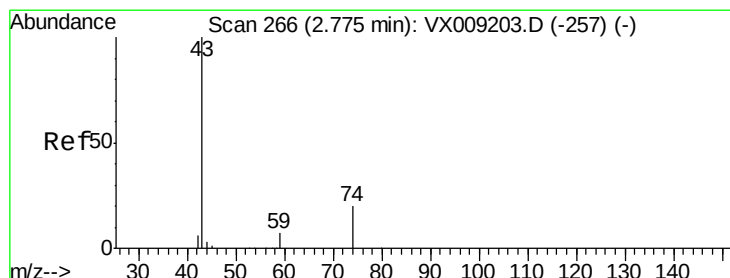
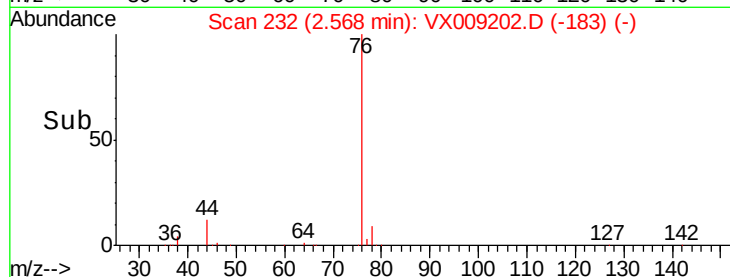
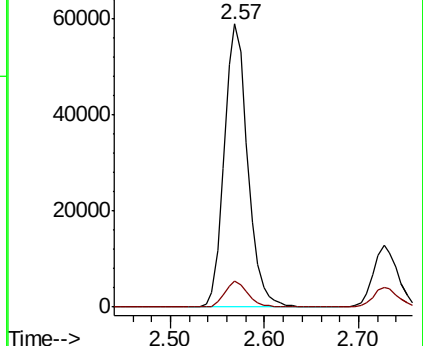
76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.092 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009202.D

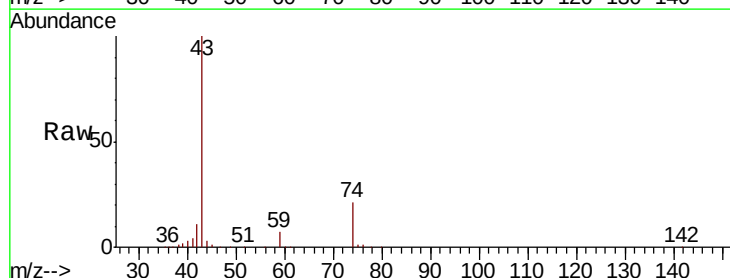
Acq: 29 Apr 2019 12:33

Tgt Ion: 43 Resp: 65431

Ion Ratio Lower Upper

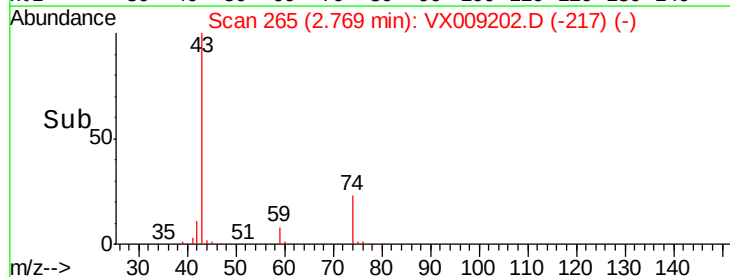
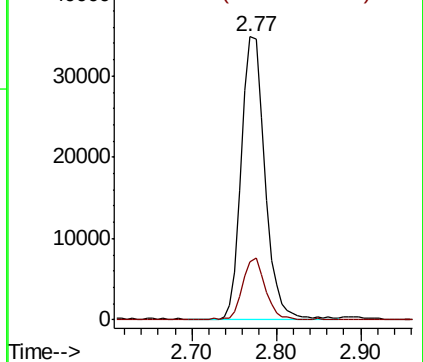
43 100

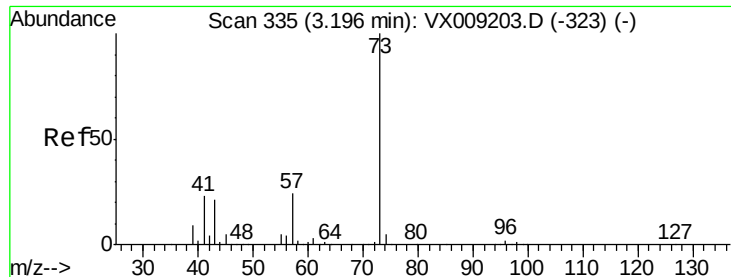
74 21.4 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



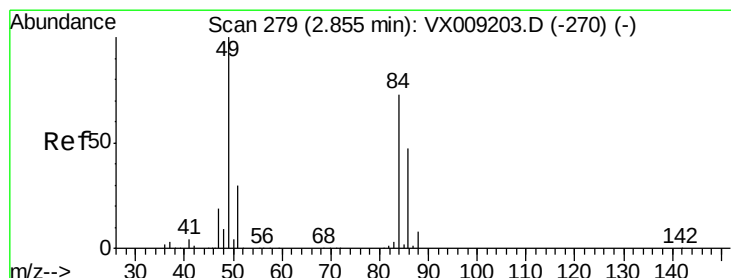
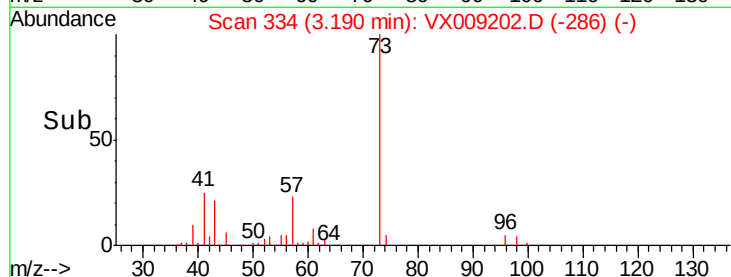
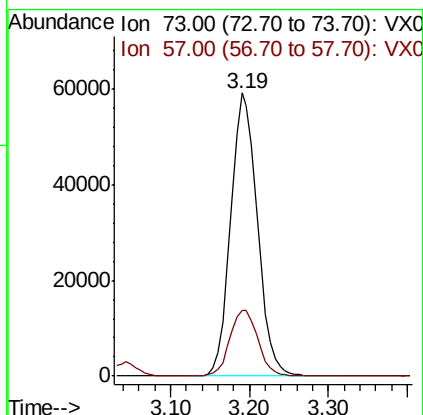
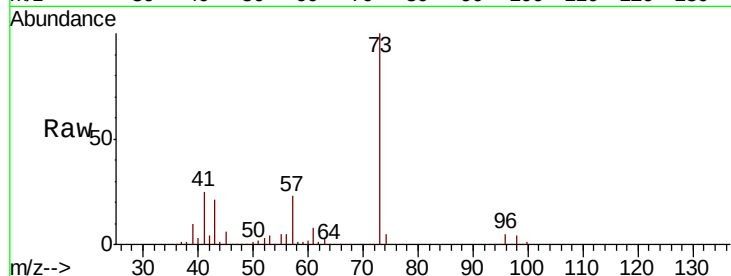


#19

Methyl tert-butyl Ether
 Concen: 18.421 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX009202.D
 Acq: 29 Apr 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

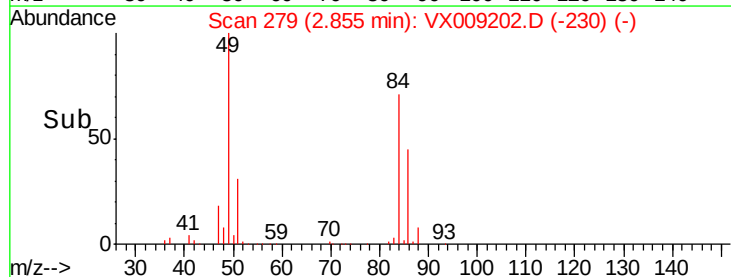
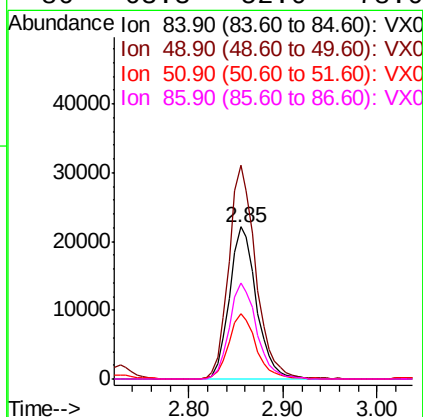
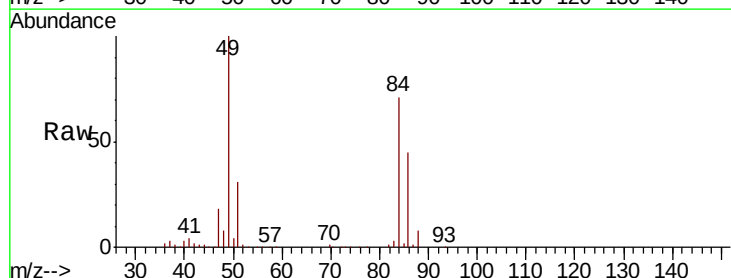
Tgt Ion: 73 Resp: 139145
 Ion Ratio Lower Upper
 73 100
 57 23.1 19.3 28.9

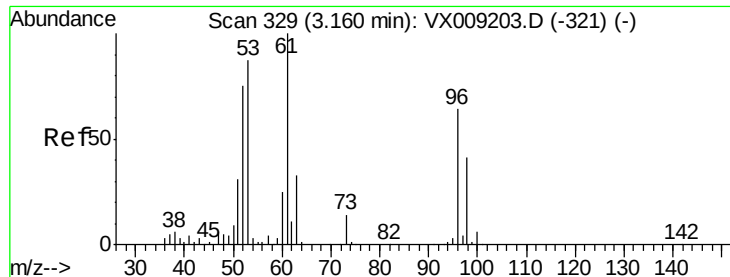


#20

Methylene Chloride
 Concen: 17.875 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009202.D
 Acq: 29 Apr 2019 12:33

Tgt Ion: 84 Resp: 44330
 Ion Ratio Lower Upper
 84 100
 49 140.2 109.9 164.9
 51 43.0 32.7 49.1
 86 63.3 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 17.212 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

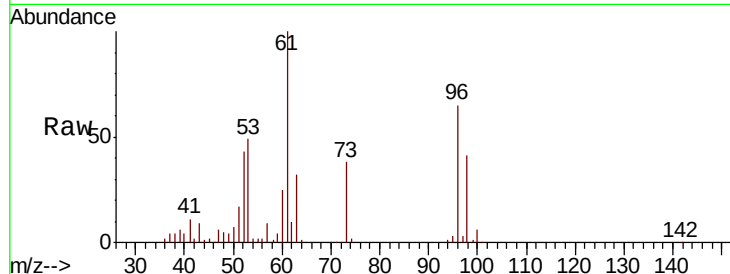
Tgt Ion: 96 Resp: 38701

Ion Ratio Lower Upper

96 100

61 152.7 124.5 186.7

98 63.2 50.4 75.6

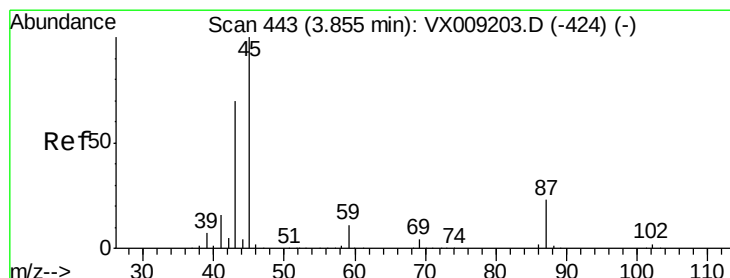
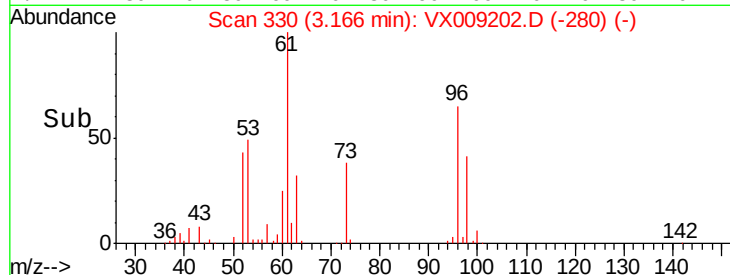
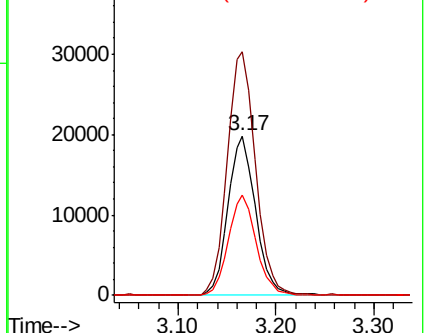


Abundance

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



#22

Diisopropyl ether

Concen: 18.705 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Tgt Ion: 45 Resp: 168485

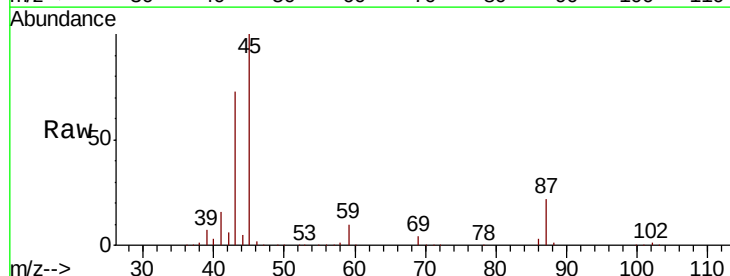
Ion Ratio Lower Upper

45 100

43 72.3 56.1 84.1

87 22.5 18.1 27.1

59 10.3 8.5 12.7



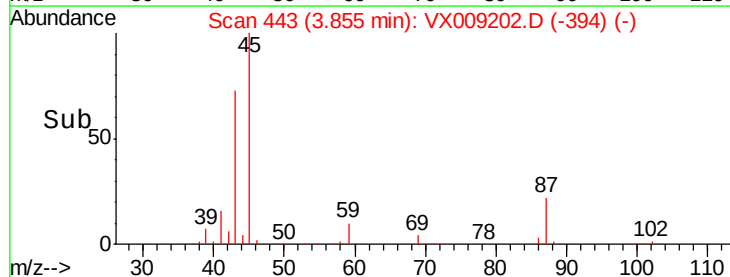
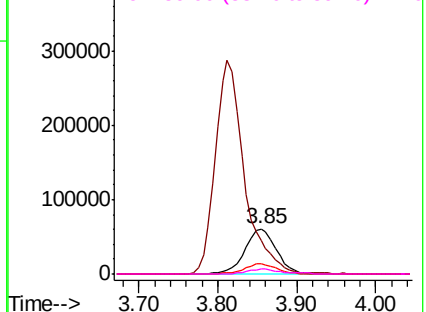
Abundance

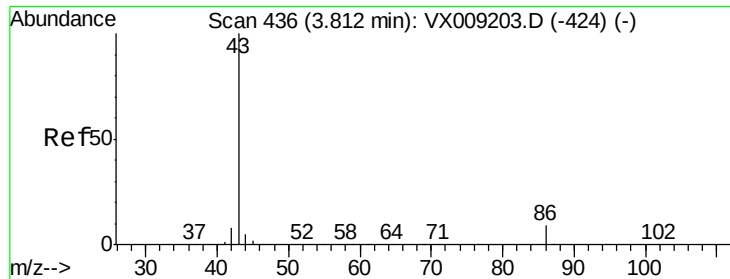
Ion 45.00 (44.70 to 45.70): VX0

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: 93.861 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

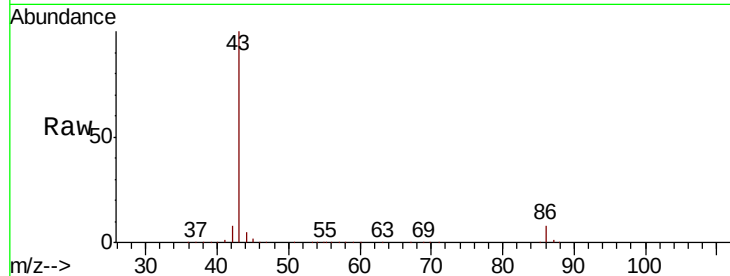
VSTDIC020

Tgt Ion: 43 Resp: 739098

Ion Ratio Lower Upper

43 100

86 8.5 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX009202.D (-387) (-)

Ion 86.00 (85.70 to 86.70): VX009202.D (-387) (-)

3.81

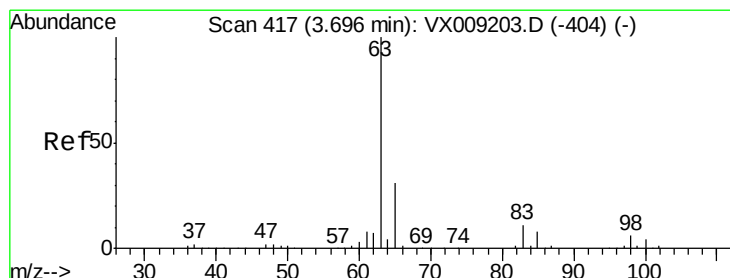
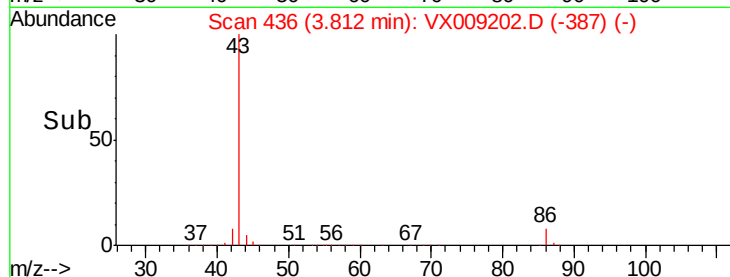
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.243 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

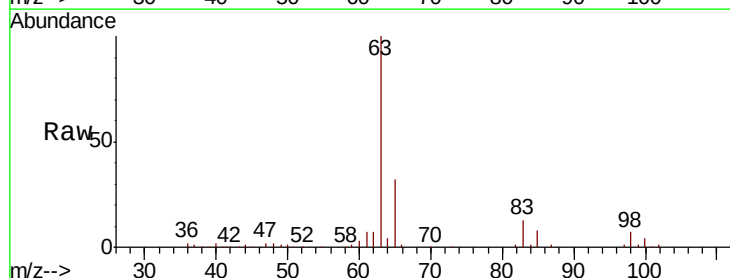
Tgt Ion: 63 Resp: 82308

Ion Ratio Lower Upper

63 100

98 7.1 3.0 9.2

100 3.8 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX009202.D (-368) (-)

Ion 97.90 (97.60 to 98.60): VX009202.D (-368) (-)

Ion 99.90 (99.60 to 100.60): VX009202.D (-368) (-)

3.70

40000

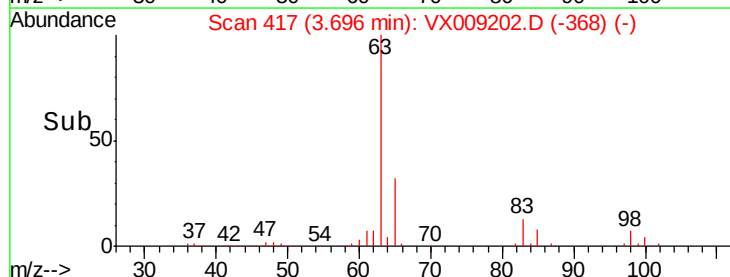
30000

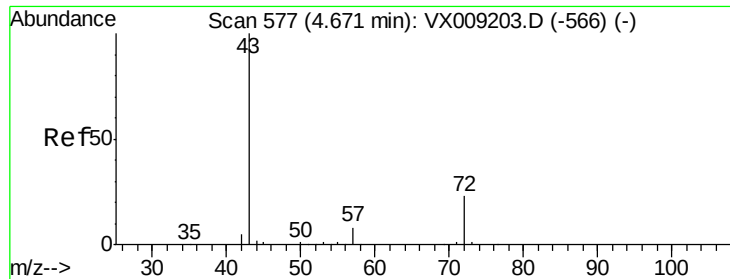
20000

10000

0

Time-->





#25

2-Butanone

Concen: 97.560 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

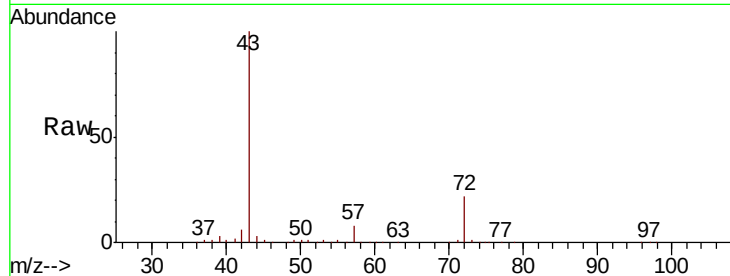
VSTDIC020

Tgt Ion: 43 Resp: 225227

Ion Ratio Lower Upper

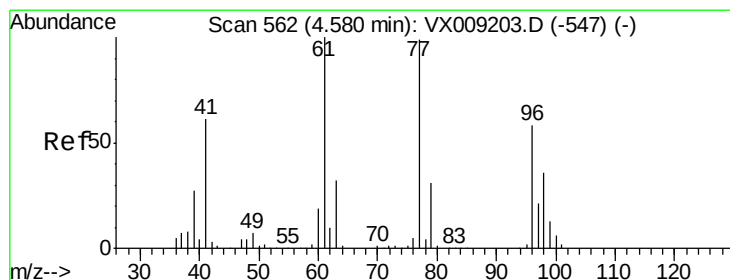
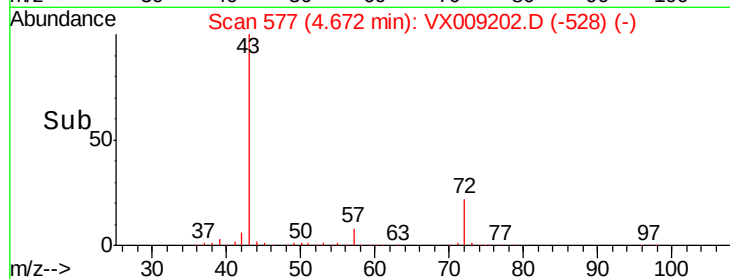
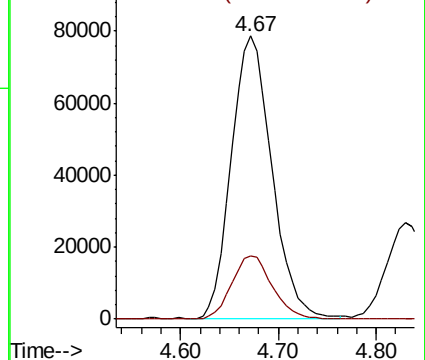
43 100

72 22.0 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.811 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009202.D

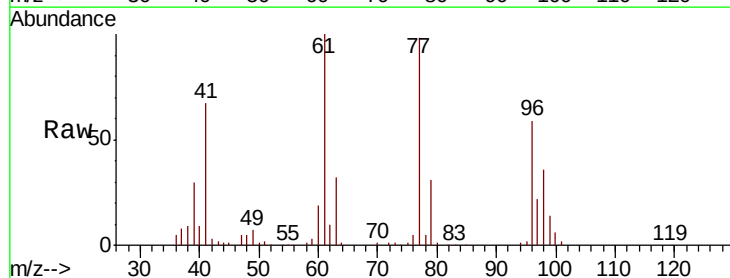
Acq: 29 Apr 2019 12:33

Tgt Ion: 77 Resp: 60266

Ion Ratio Lower Upper

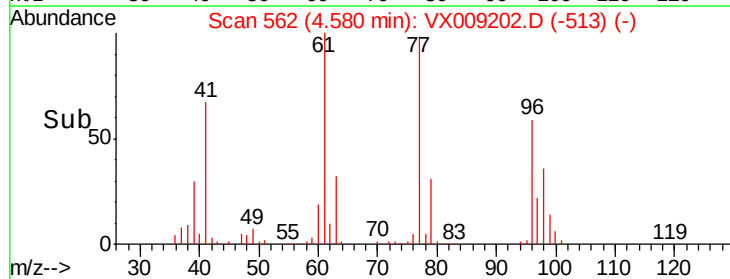
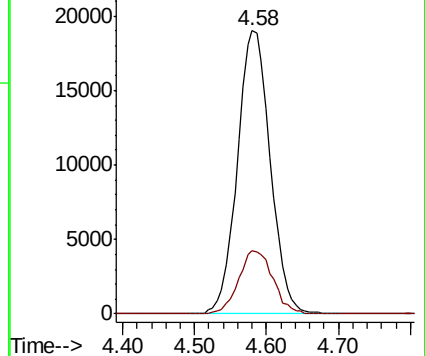
77 100

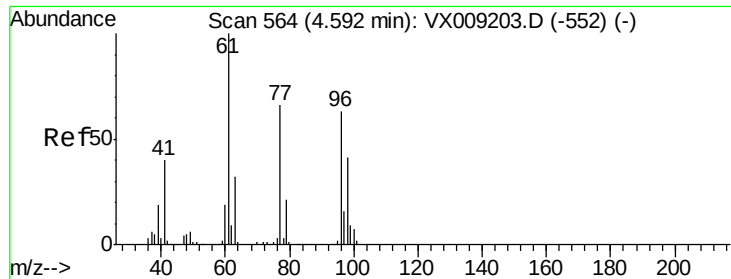
97 23.2 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



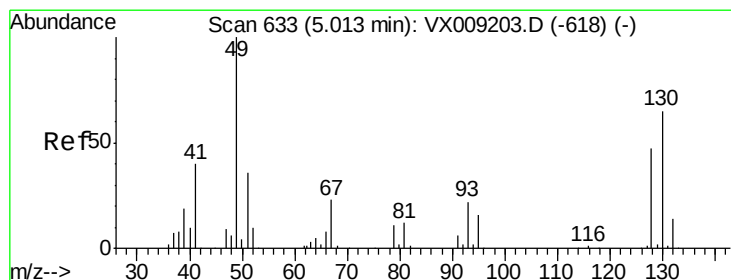
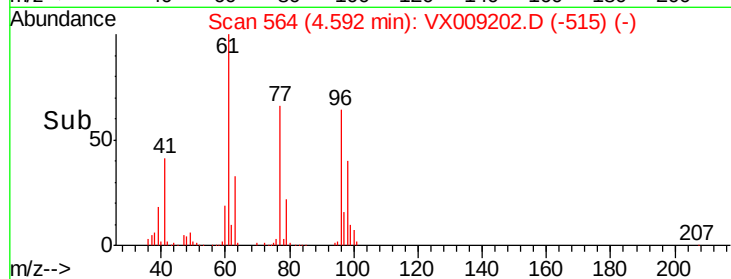
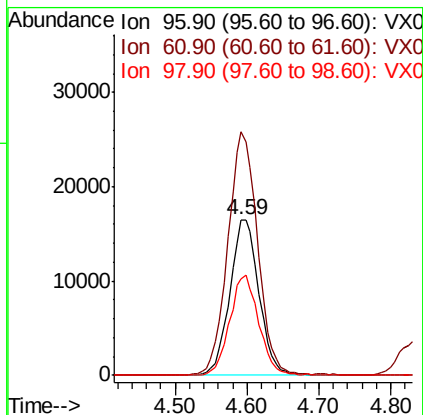
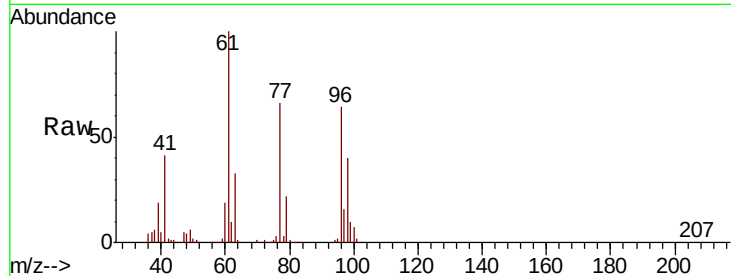


#27

cis-1,2-Dichloroethene
 Concen: 18.085 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX009202.D
 Acq: 29 Apr 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

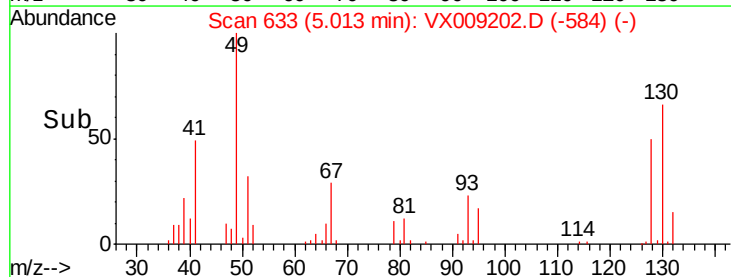
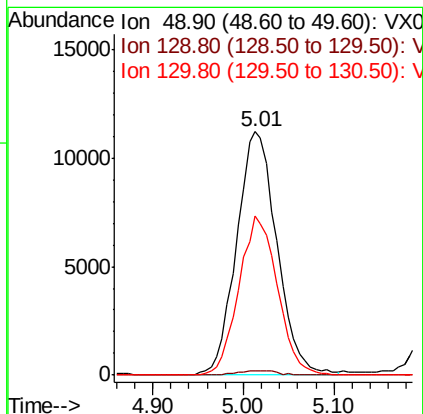
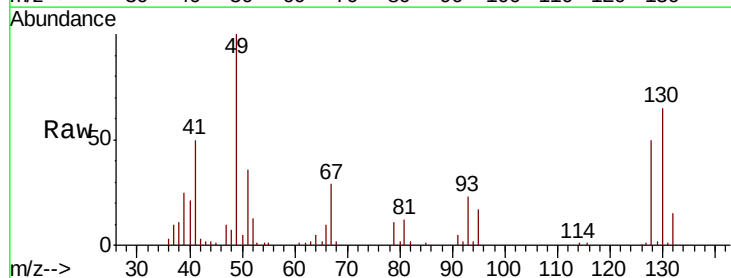
Tgt Ion: 96 Resp: 46351
 Ion Ratio Lower Upper
 96 100
 61 160.0 0.0 324.0
 98 64.0 0.0 130.4

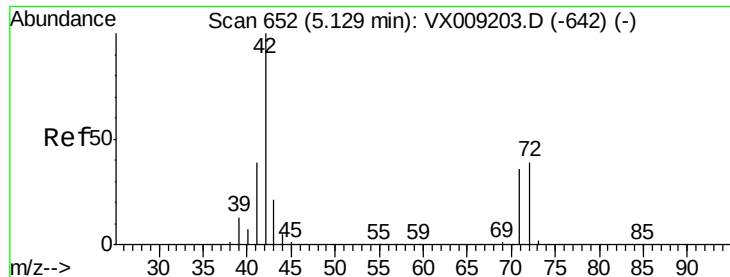


#28

Bromochloromethane
 Concen: 16.285 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009202.D
 Acq: 29 Apr 2019 12:33

Tgt Ion: 49 Resp: 34536
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 62.5 51.2 76.8





#29

Tetrahydrofuran

Concen: 91.059 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

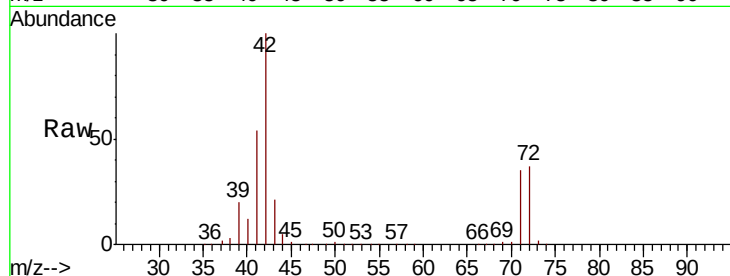
Tgt Ion: 42 Resp: 140561

Ion Ratio Lower Upper

42 100

72 39.1 30.4 45.6

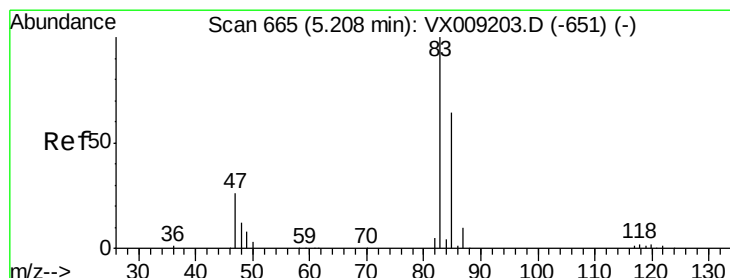
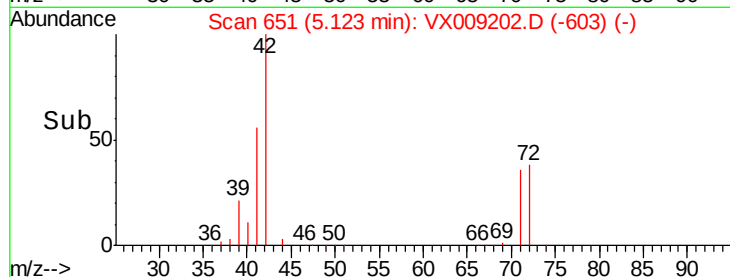
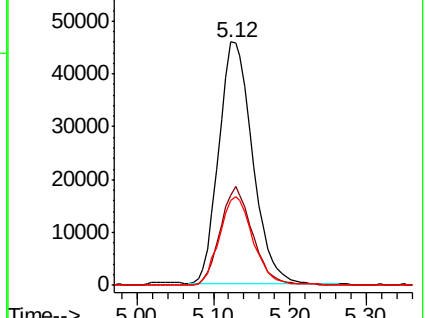
71 36.4 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.592 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX009202.D

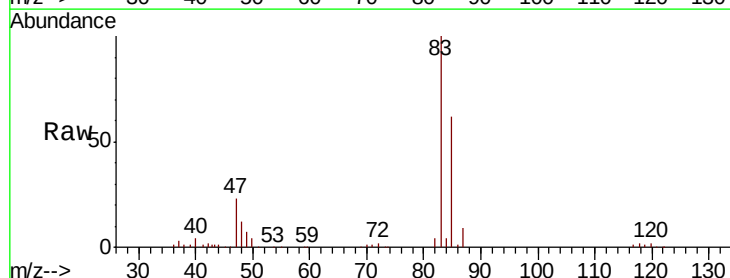
Acq: 29 Apr 2019 12:33

Tgt Ion: 83 Resp: 75110

Ion Ratio Lower Upper

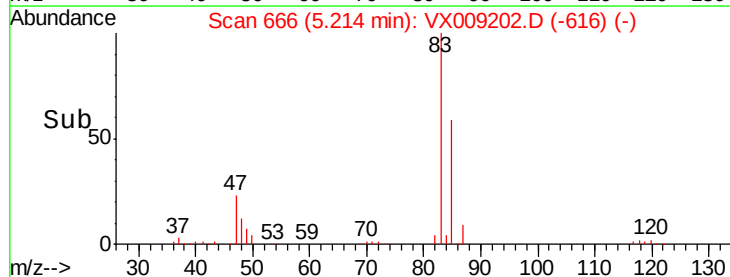
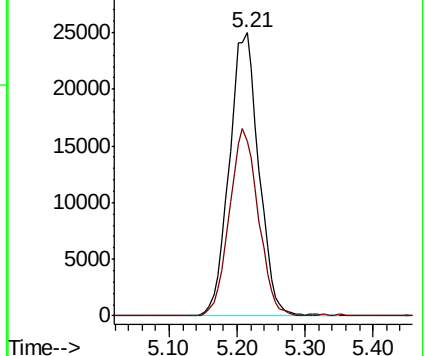
83 100

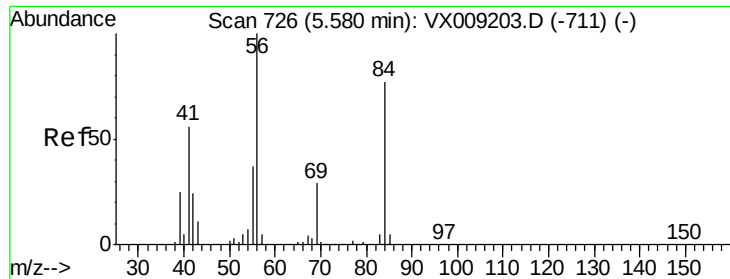
85 61.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

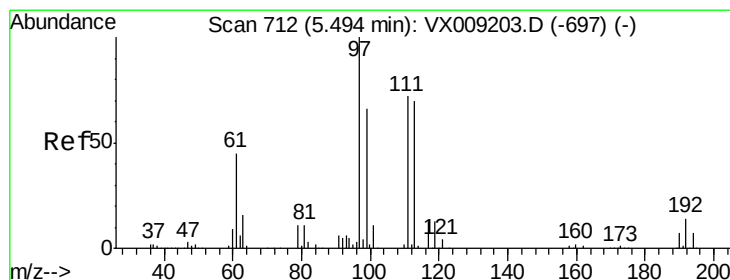
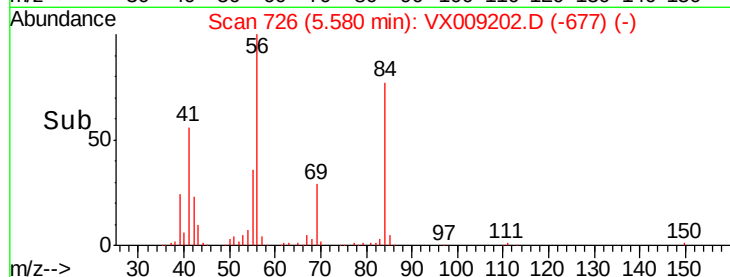
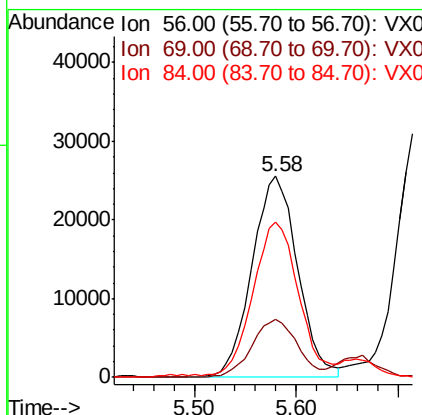
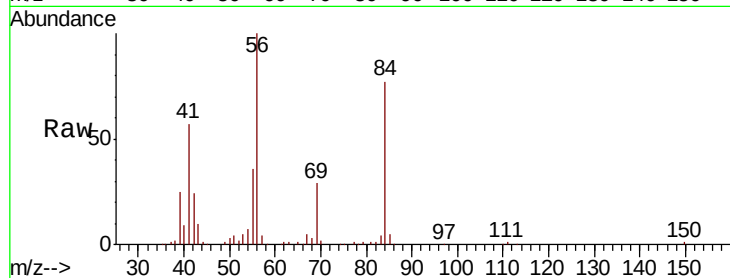




#31
Cyclohexane
Concen: 17.980 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

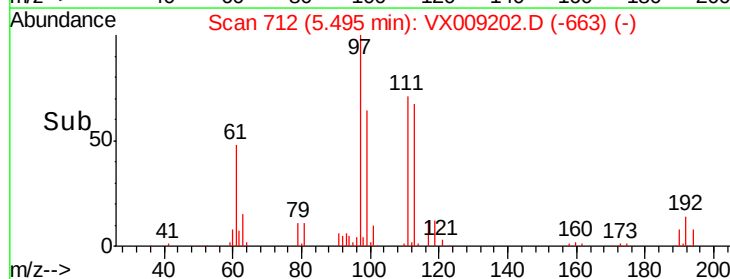
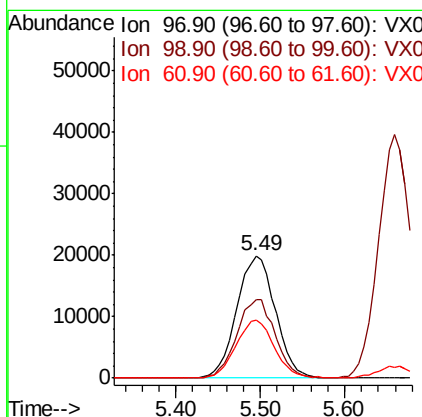
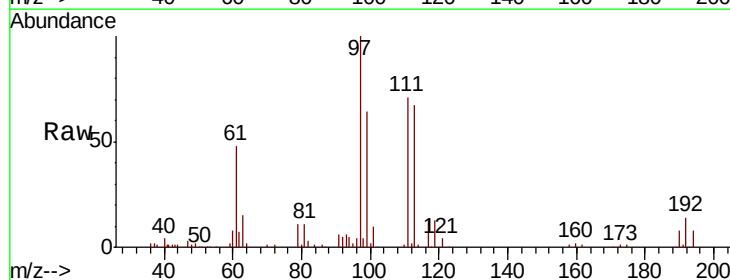
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

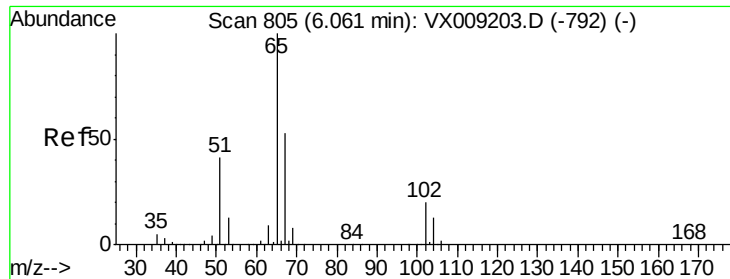
Tgt Ion: 56 Resp: 79341
Ion Ratio Lower Upper
56 100
69 29.0 23.4 35.0
84 76.1 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 18.550 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

Tgt Ion: 97 Resp: 62031
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.8
61 47.3 37.8 56.8

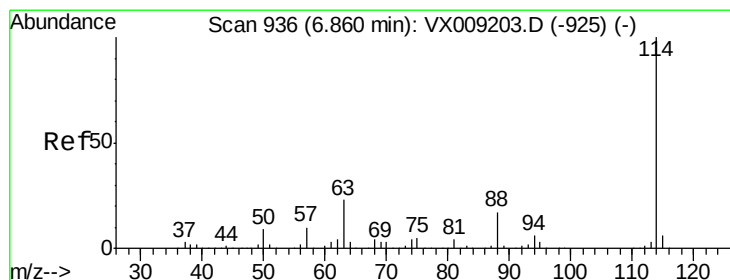
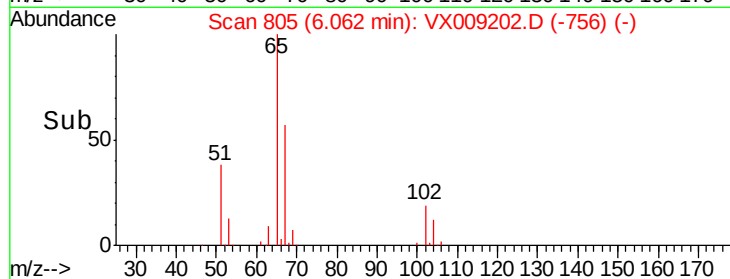
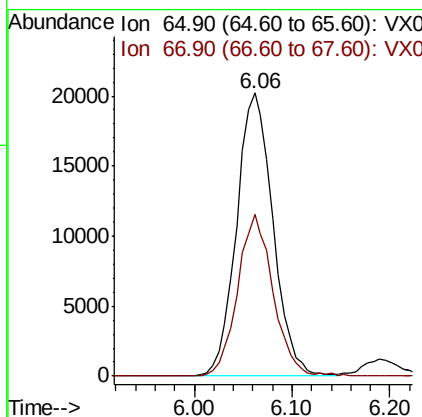
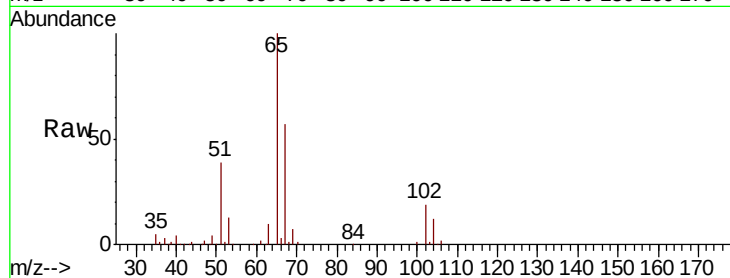




#33
 1,2-Dichloroethane-d4
 Concen: 18.575 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009202.D
 Acq: 29 Apr 2019 12:33

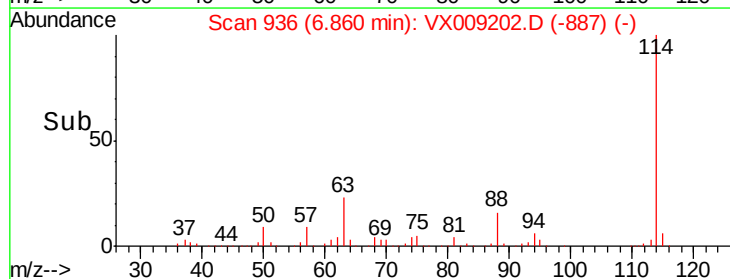
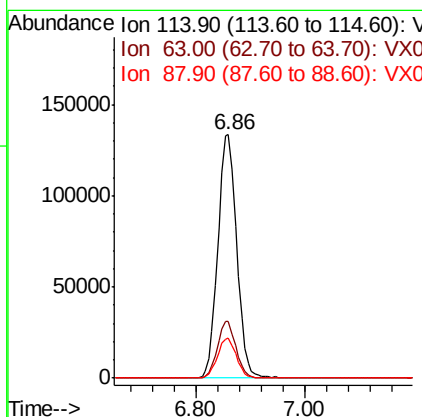
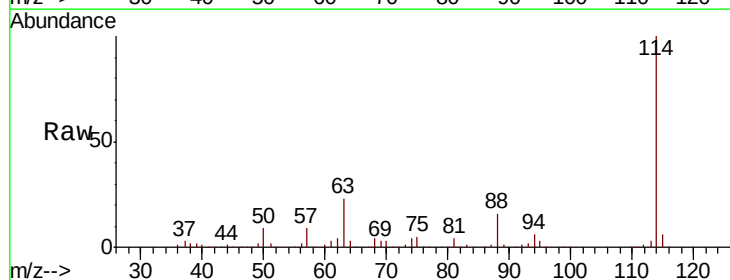
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

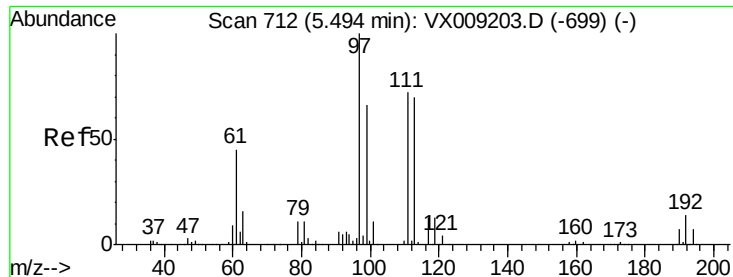
Tgt Ion: 65 Resp: 52222
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009202.D
 Acq: 29 Apr 2019 12:33

Tgt Ion: 114 Resp: 322559
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.6
 88 16.3 0.0 33.2

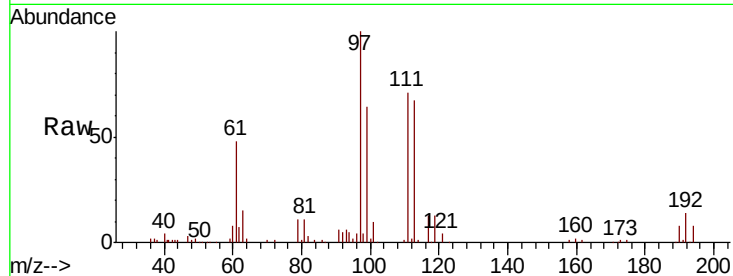




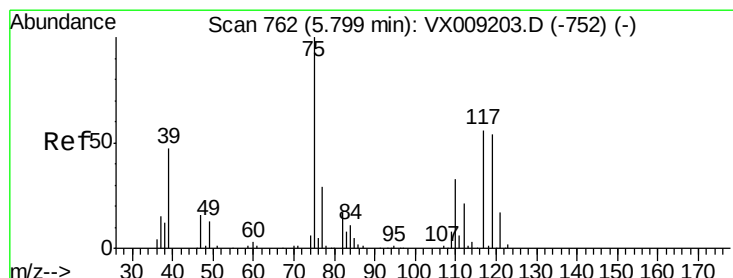
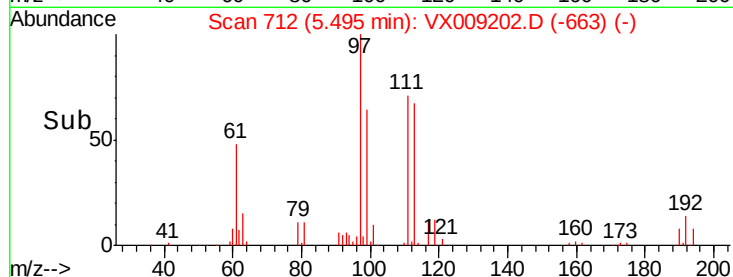
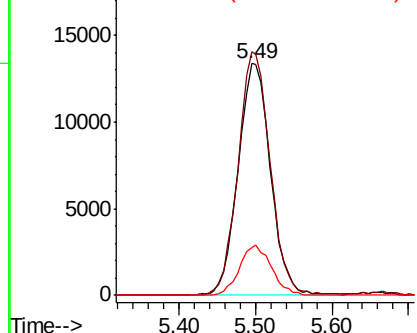
#35
 Dibromofluoromethane
 Concen: 18.951 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009202.D
 Acq: 29 Apr 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:113 Resp: 39375
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.8 124.2
 192 21.3 17.0 25.6

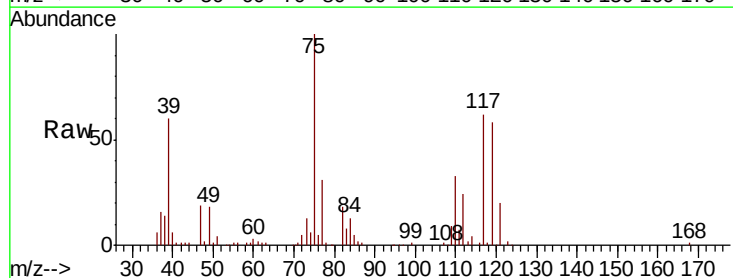


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

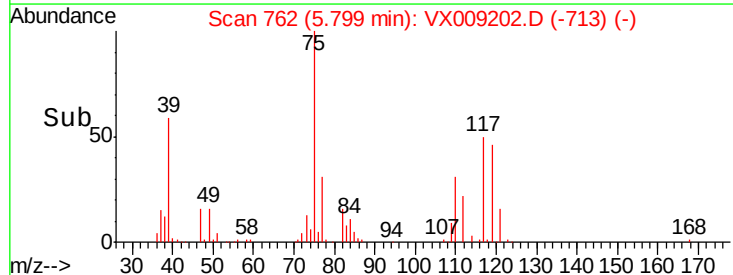
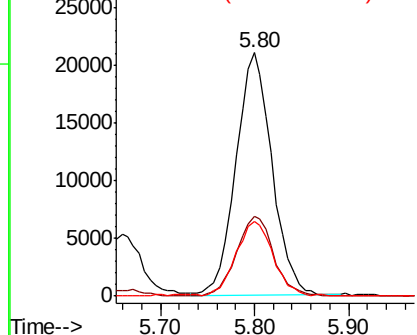


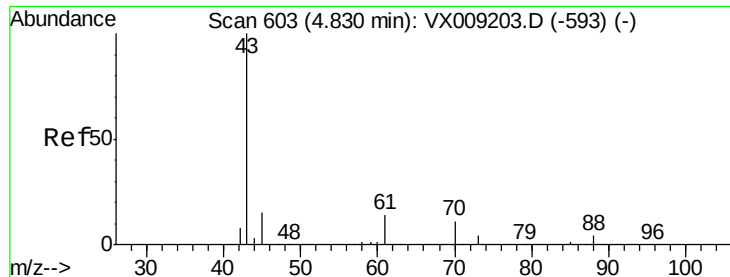
#36
 1,1-Dichloropropene
 Concen: 17.011 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009202.D
 Acq: 29 Apr 2019 12:33

Tgt Ion: 75 Resp: 56224
 Ion Ratio Lower Upper
 75 100
 110 33.9 16.9 50.6
 77 31.9 24.8 37.2



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

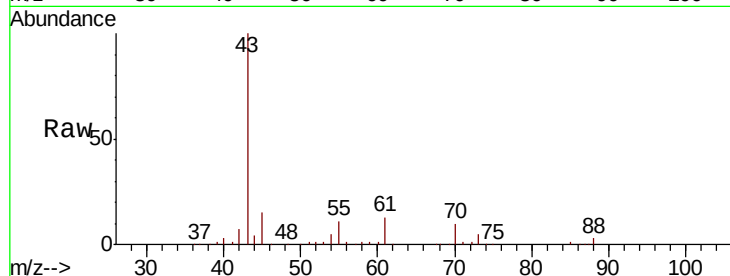




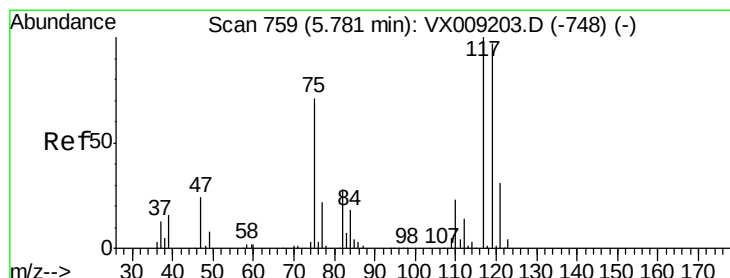
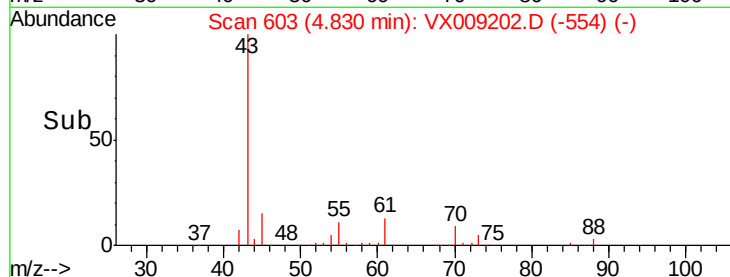
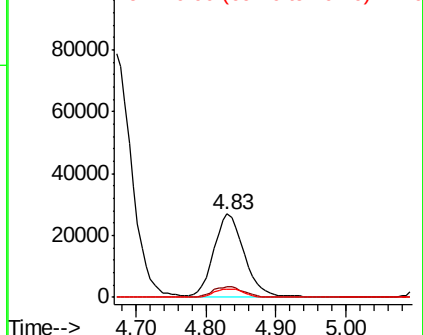
#37
Ethyl Acetate
Concen: 19.107 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 81292
Ion Ratio Lower Upper
43 100
61 12.9 10.5 15.7
70 9.8 7.9 11.9

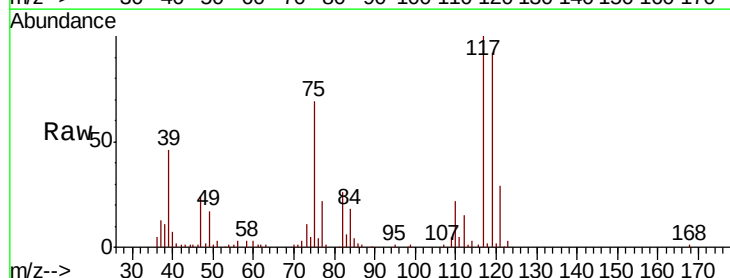


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

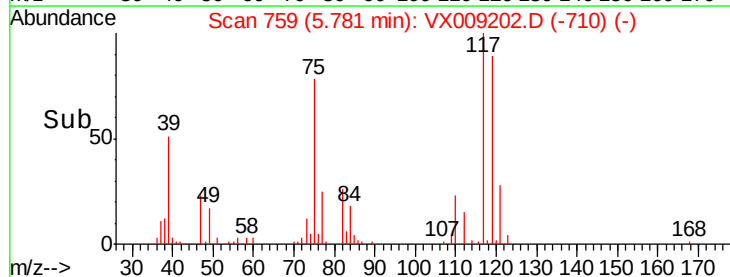
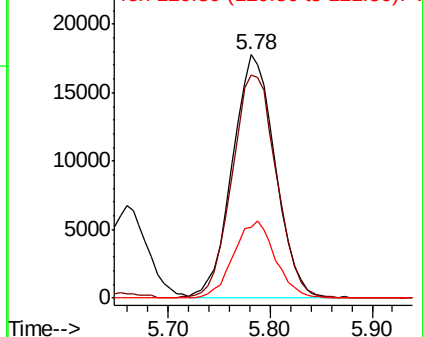


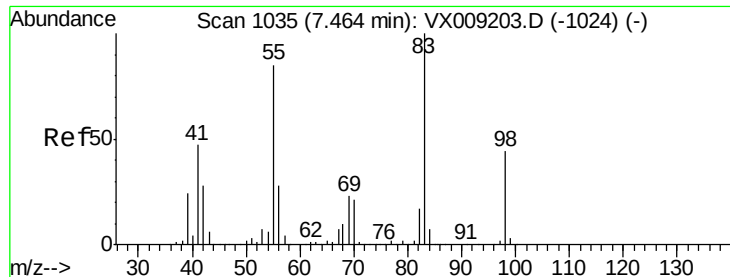
#38
Carbon Tetrachloride
Concen: 18.415 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

Tgt Ion: 117 Resp: 51839
Ion Ratio Lower Upper
117 100
119 91.3 77.5 116.3
121 28.9 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

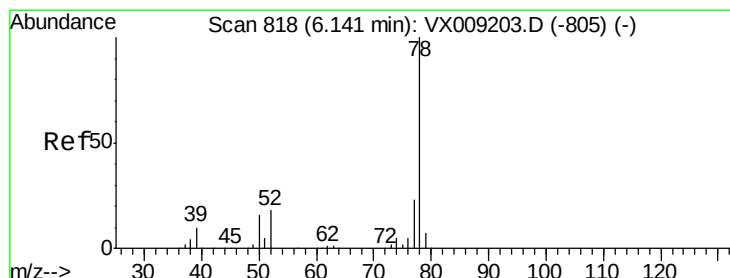
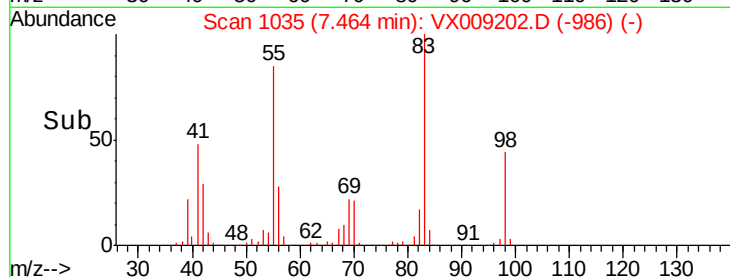
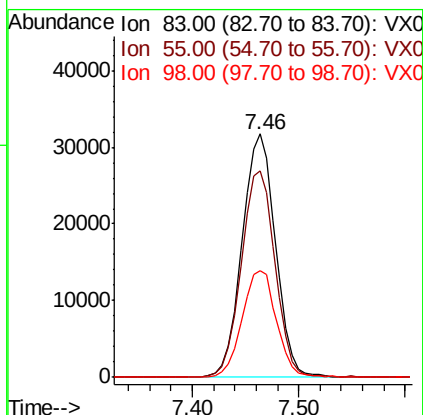
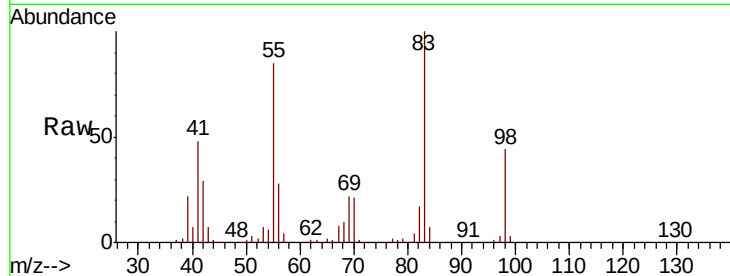




#39
Methylcyclohexane
Concen: 17.357 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

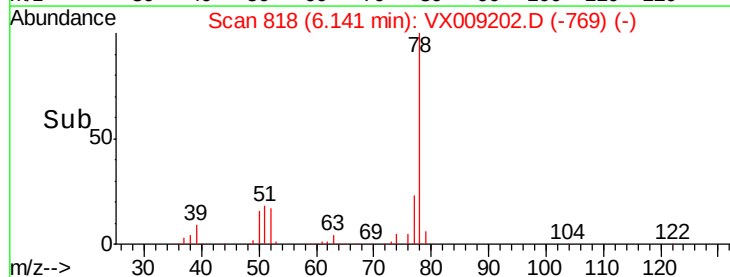
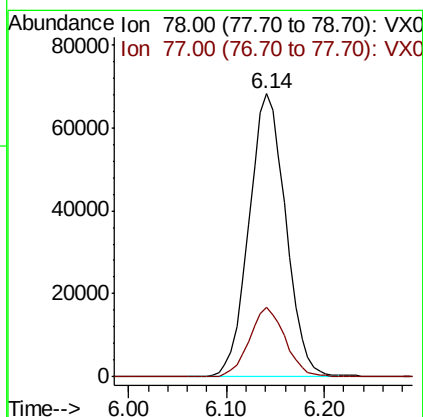
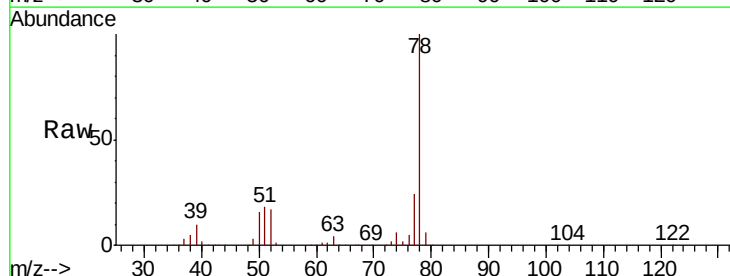
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

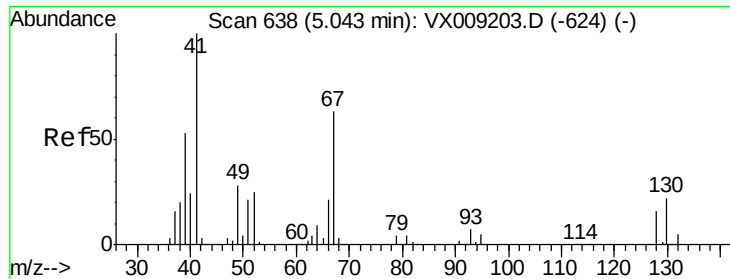
Tgt Ion: 83 Resp: 69762
Ion Ratio Lower Upper
83 100
55 85.0 67.7 101.5
98 43.7 35.5 53.3



#40
Benzene
Concen: 18.262 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

Tgt Ion: 78 Resp: 178652
Ion Ratio Lower Upper
78 100
77 24.5 18.8 28.2

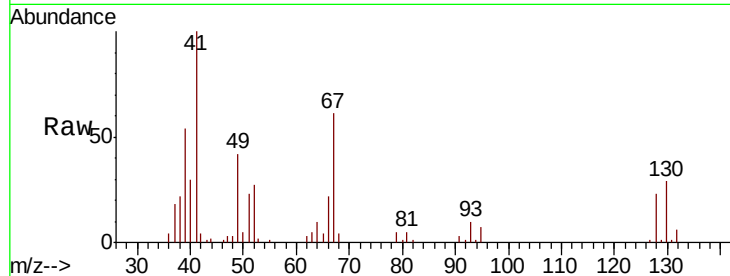




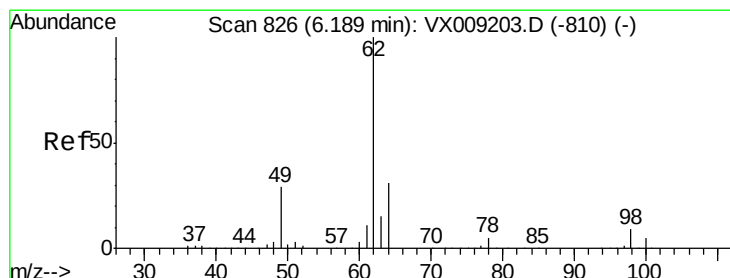
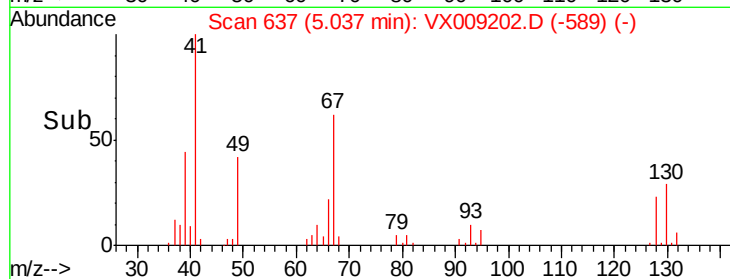
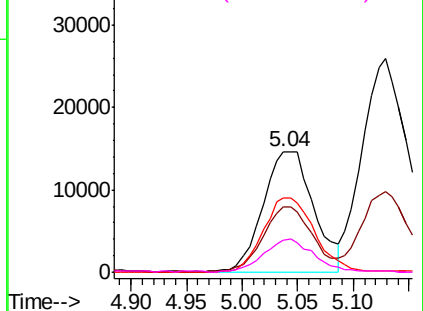
#41
Methacrylonitrile
Concen: 18.838 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:	41	Resp:	46242
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.0	63.0
67	63.0	49.8	74.8
52	26.7	20.3	30.5

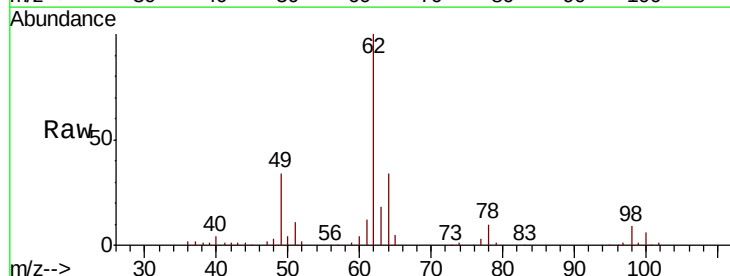


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

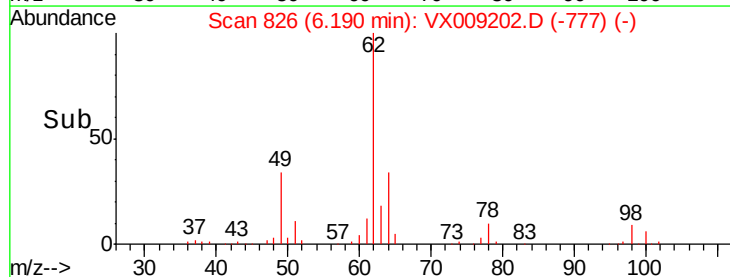
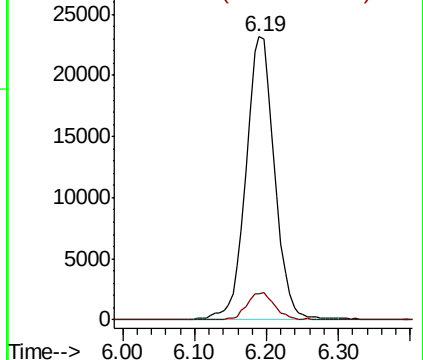


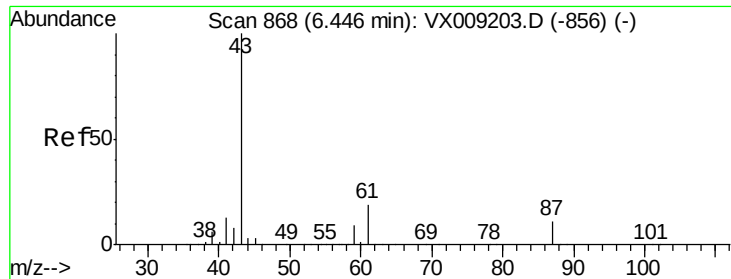
#42
1,2-Dichloroethane
Concen: 18.446 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

Tgt Ion:	62	Resp:	63938
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.303 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

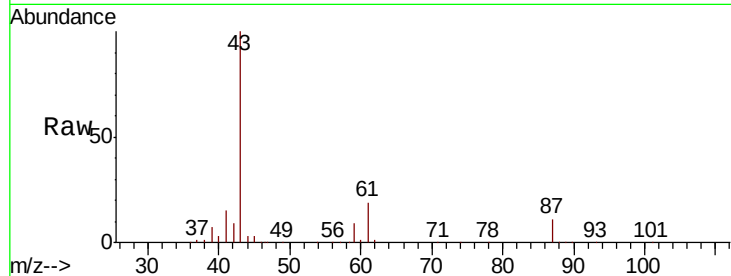
Tgt Ion: 43 Resp: 125945

Ion Ratio Lower Upper

43 100

61 19.0 15.1 22.7

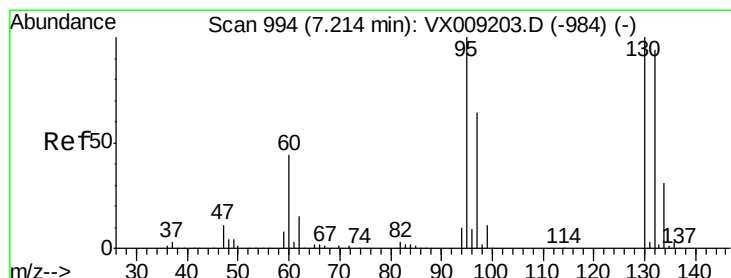
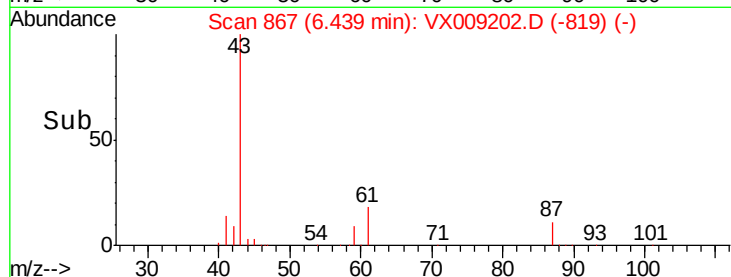
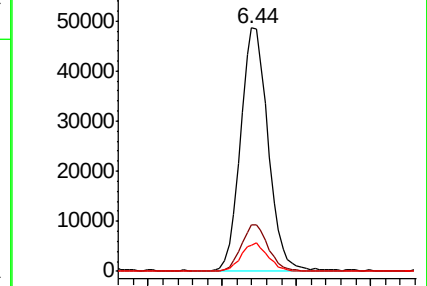
87 11.4 9.0 13.6



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: 17.205 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009202.D

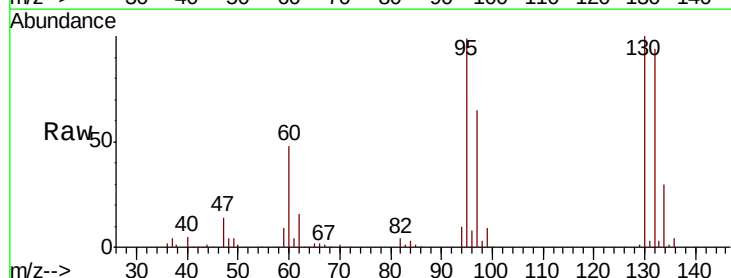
Acq: 29 Apr 2019 12:33

Tgt Ion: 130 Resp: 41185

Ion Ratio Lower Upper

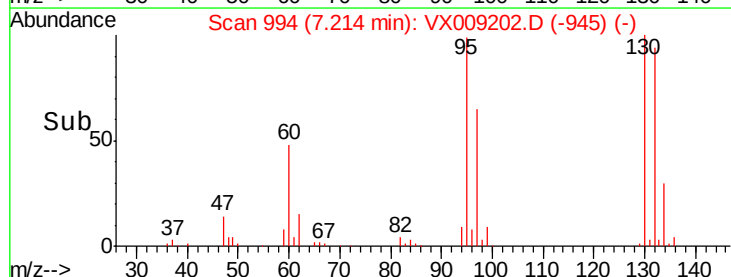
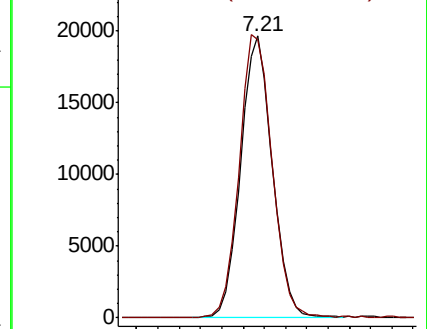
130 100

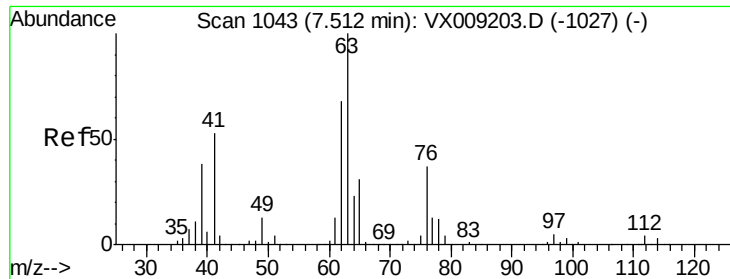
95 98.8 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

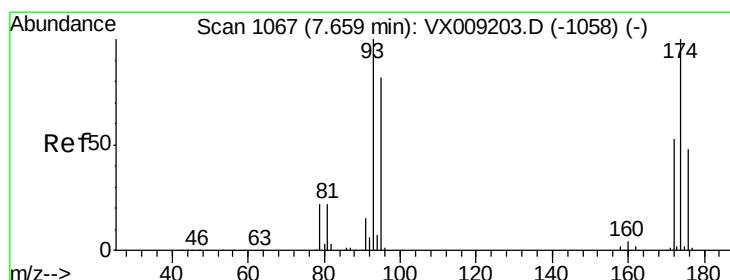
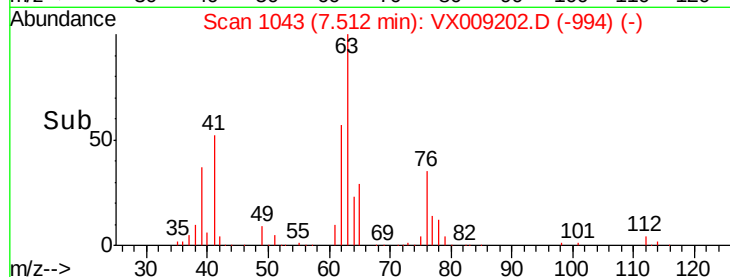
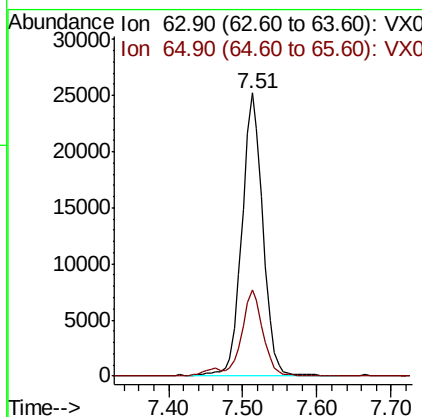
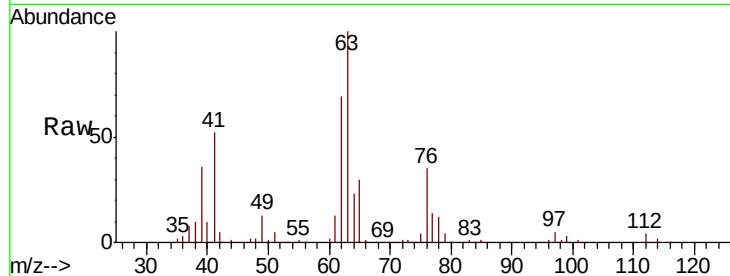




#45
 1,2-Dichloropropane
 Concen: 18.350 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009202.D
 Acq: 29 Apr 2019 12:33

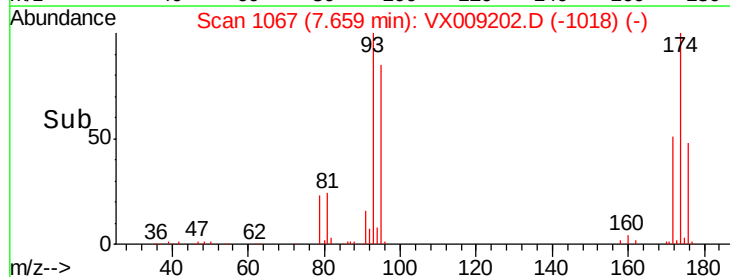
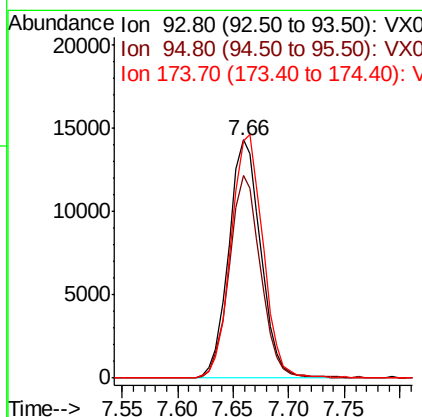
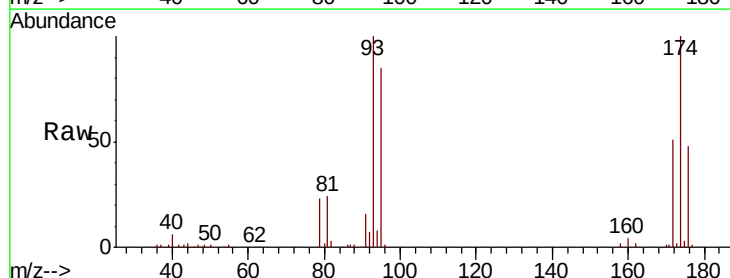
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

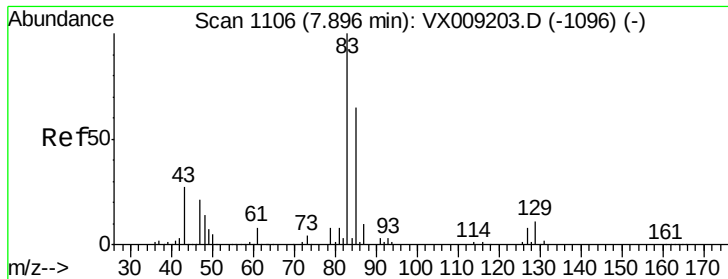
Tgt Ion: 63 Resp: 49880
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.6



#46
 Dibromomethane
 Concen: 18.075 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009202.D
 Acq: 29 Apr 2019 12:33

Tgt Ion: 93 Resp: 28562
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.5 99.7
 174 101.9 82.1 123.1





#47

Bromodichloromethane

Concen: 18.414 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

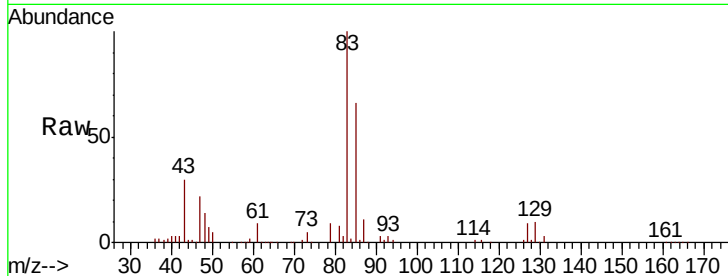
Tgt Ion: 83 Resp: 57200

Ion Ratio Lower Upper

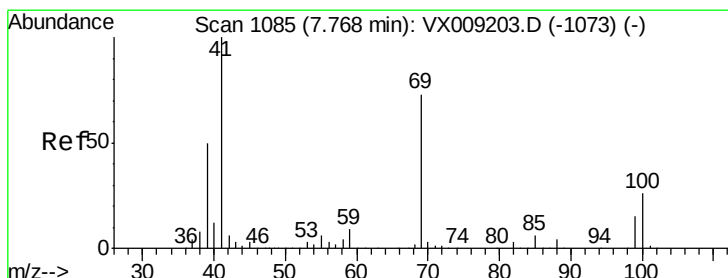
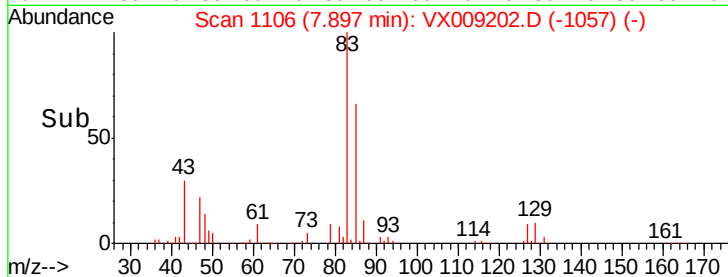
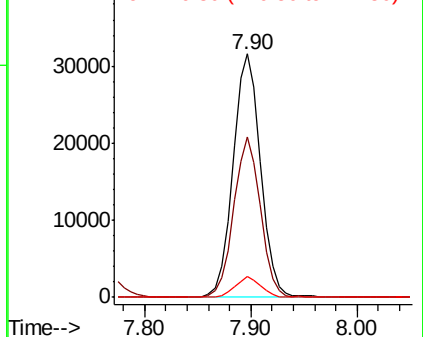
83 100

85 65.9 52.4 78.6

127 8.7 6.6 10.0



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: 18.328 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

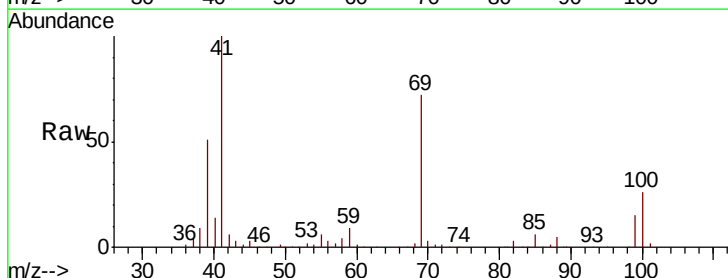
Tgt Ion: 41 Resp: 62303

Ion Ratio Lower Upper

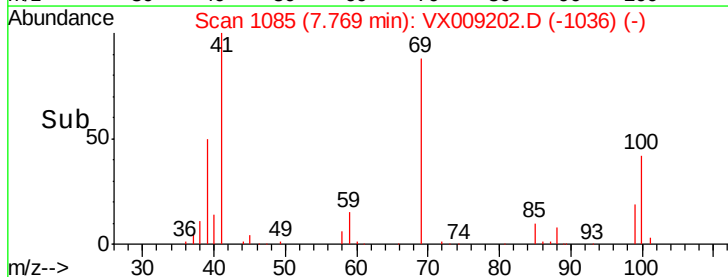
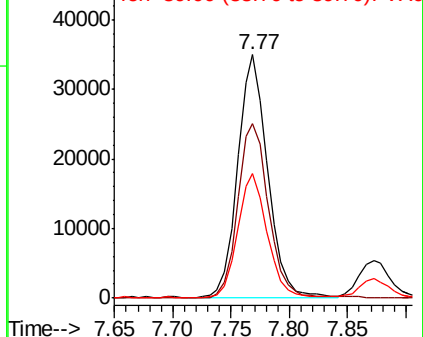
41 100

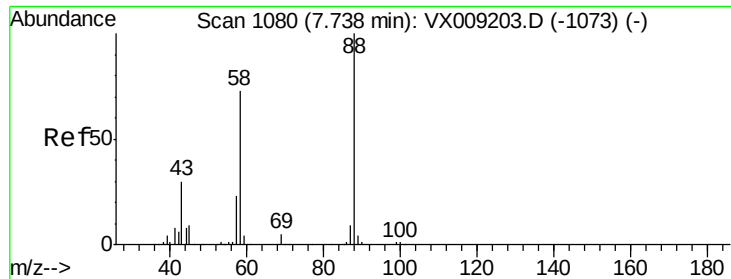
69 74.1 59.1 88.7

39 51.6 40.4 60.6



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

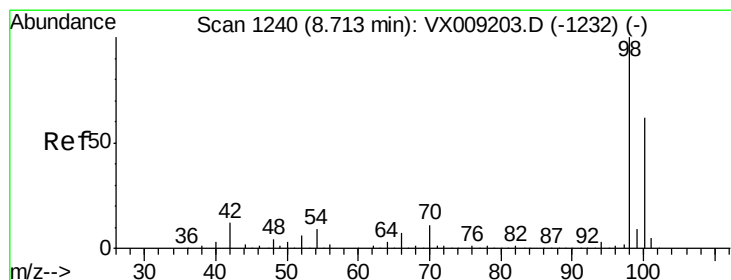
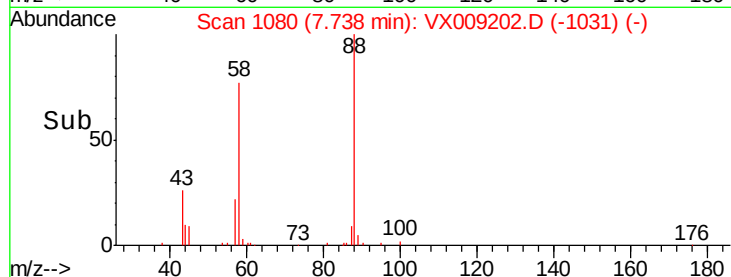
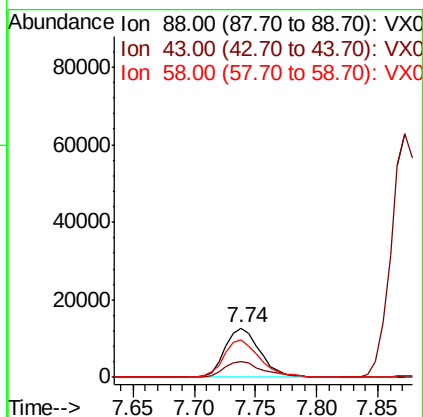
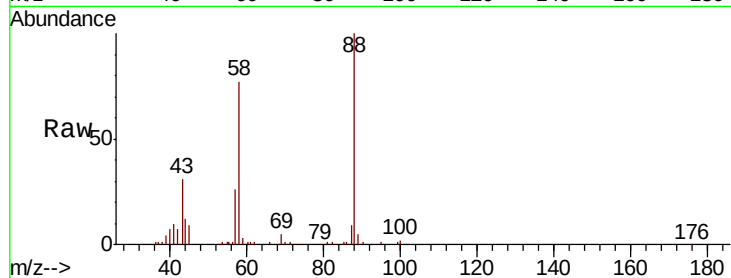




#49
1,4-Dioxane
Concen: 392.397 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

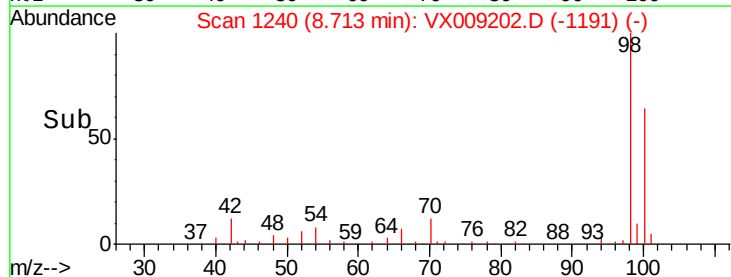
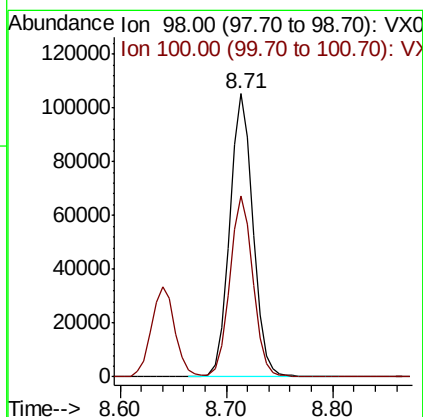
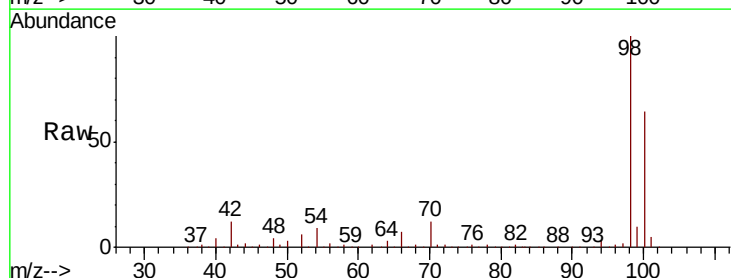
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

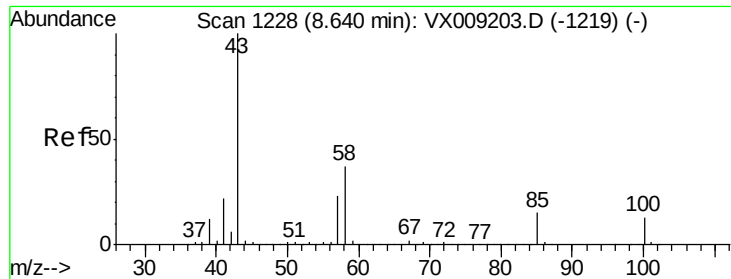
Tgt Ion: 88 Resp: 25508
Ion Ratio Lower Upper
88 100
43 34.7 28.6 42.8
58 78.7 61.7 92.5



#50
Toluene-d8
Concen: 19.472 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

Tgt Ion: 98 Resp: 161719
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 94.755 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

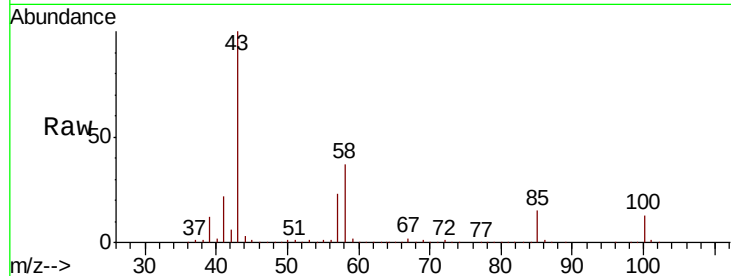
VSTDIC020

Tgt Ion: 43 Resp: 416936

Ion Ratio Lower Upper

43 100

58 37.0 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

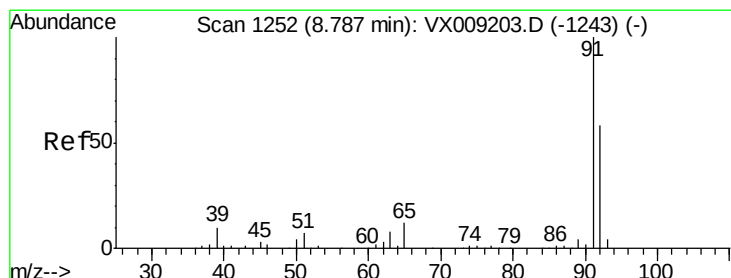
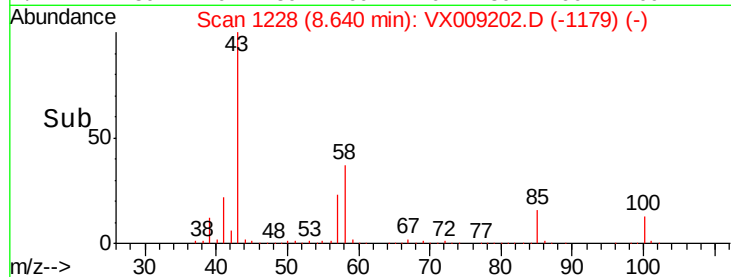
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.263 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009202.D

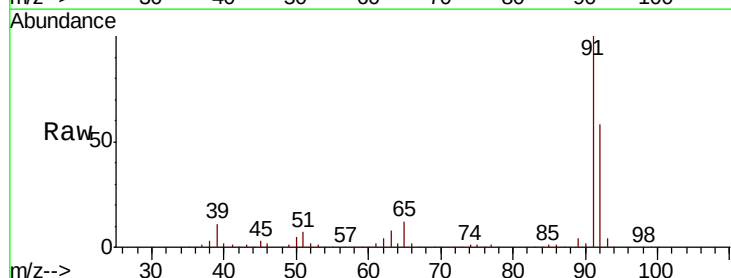
Acq: 29 Apr 2019 12:33

Tgt Ion: 92 Resp: 107317

Ion Ratio Lower Upper

92 100

91 174.3 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

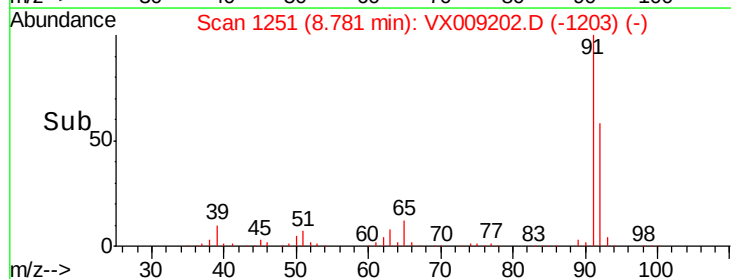
8.78

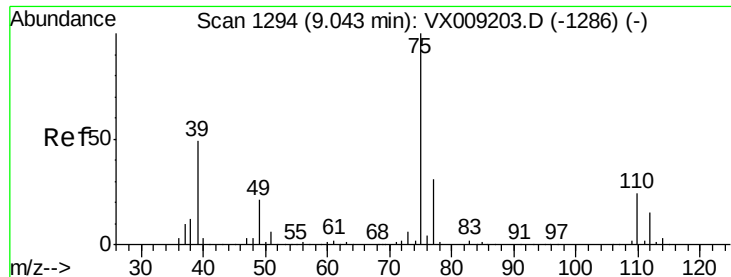
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.122 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

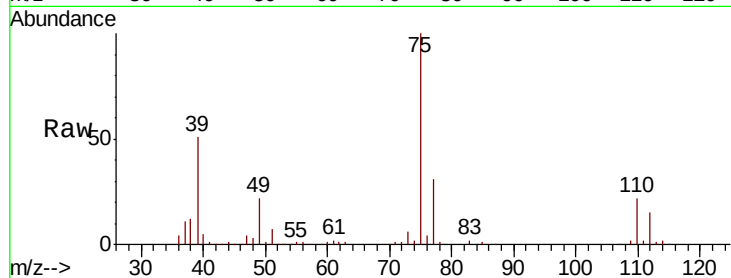
VSTDIC020

Tgt Ion: 75 Resp: 64441

Ion Ratio Lower Upper

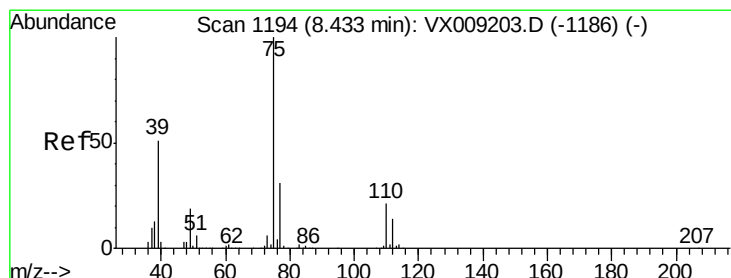
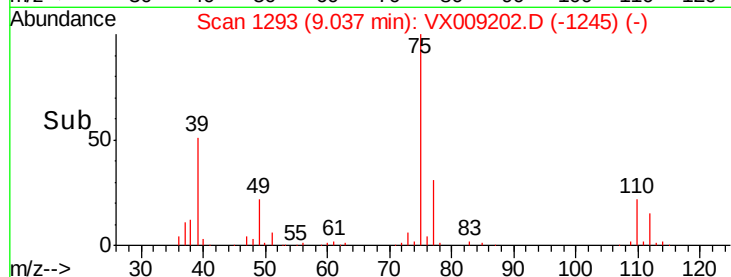
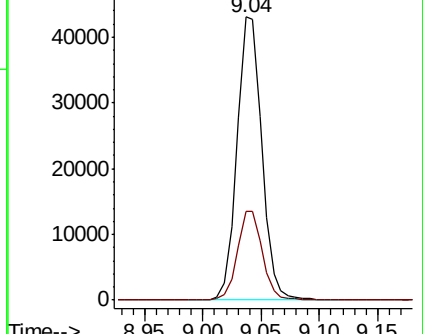
75 100

77 31.5 25.0 37.6



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: 17.965 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

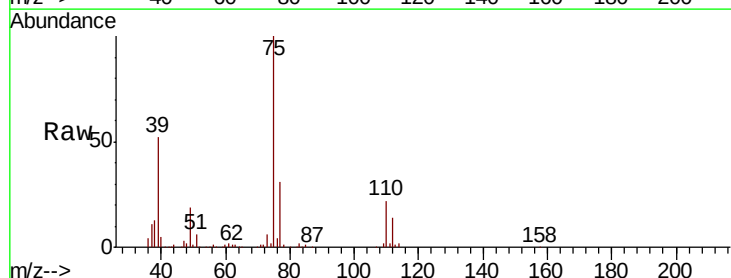
Tgt Ion: 75 Resp: 71785

Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8

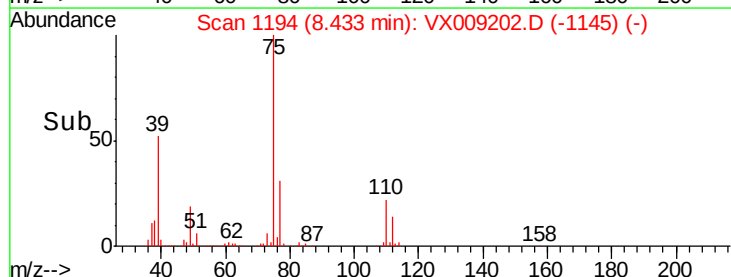
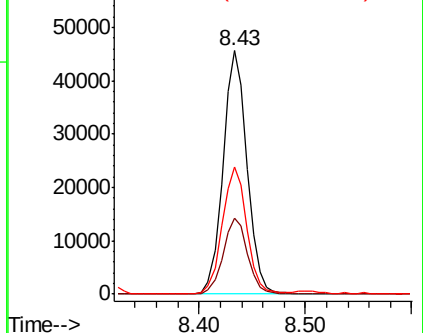
39 51.9 40.6 60.8

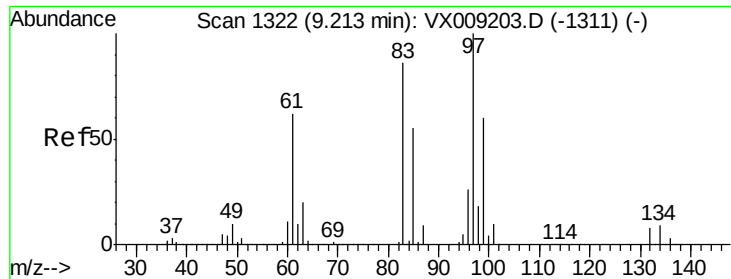


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

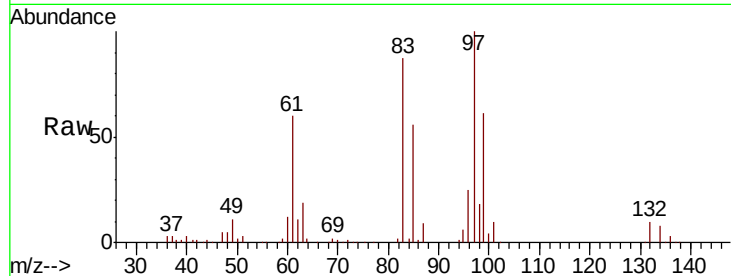




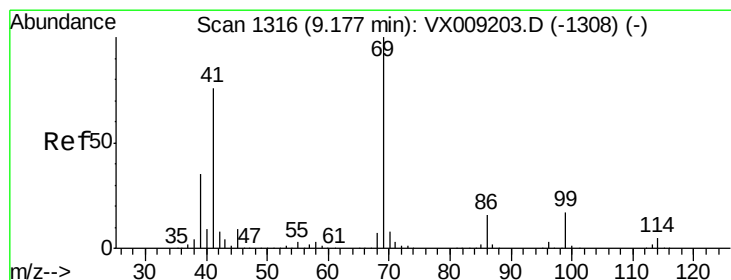
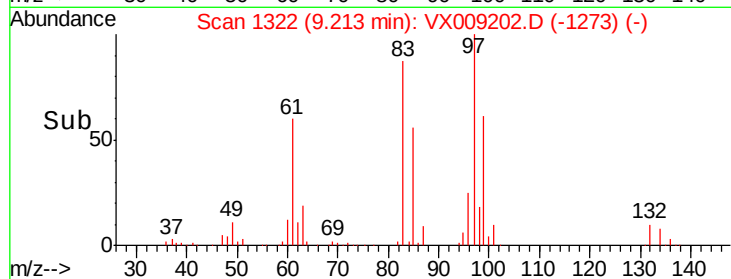
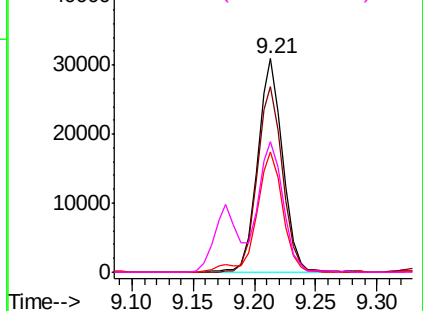
#55
 1,1,2-Trichloroethane
 Concen: 18.931 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009202.D
 Acq: 29 Apr 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:	97	Resp:	44208
Ion	Ratio	Lower	Upper
97	100		
83	87.1	68.9	103.3
85	56.3	43.8	65.6
99	60.7	48.2	72.2

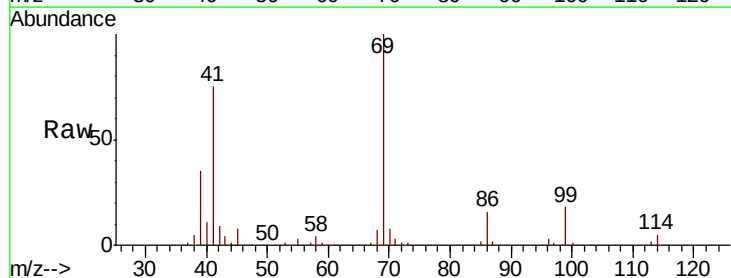


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

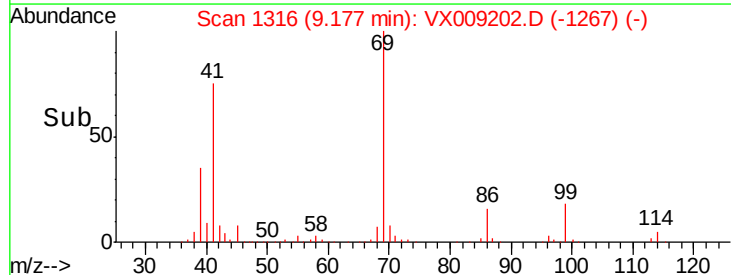
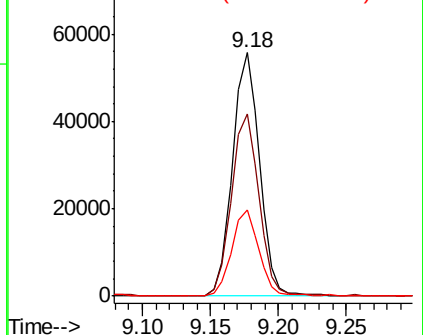


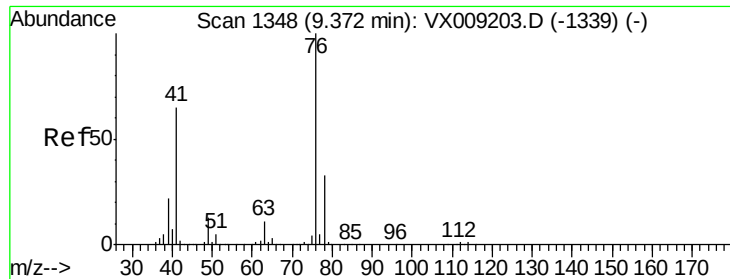
#56
 Ethyl methacrylate
 Concen: 18.502 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009202.D
 Acq: 29 Apr 2019 12:33

Tgt Ion:	69	Resp:	77373
Ion	Ratio	Lower	Upper
69	100		
41	76.3	60.6	90.8
39	34.9	28.2	42.4



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: 18.349 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

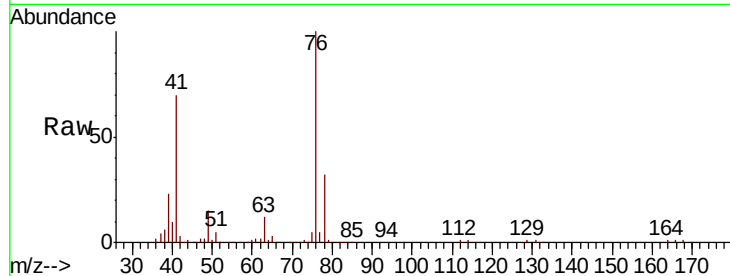
VSTDIC020

Tgt Ion: 76 Resp: 76055

Ion Ratio Lower Upper

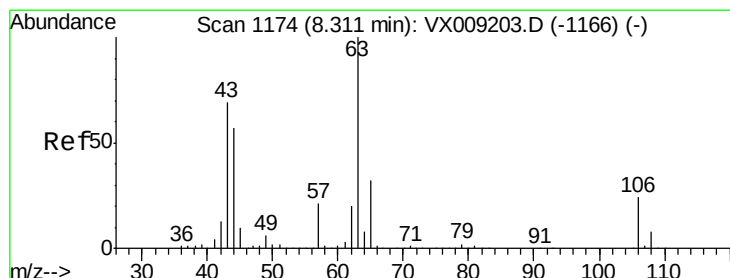
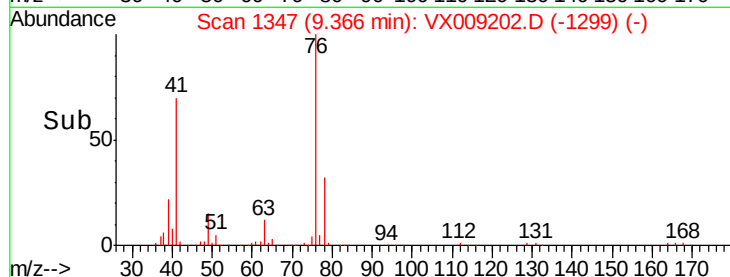
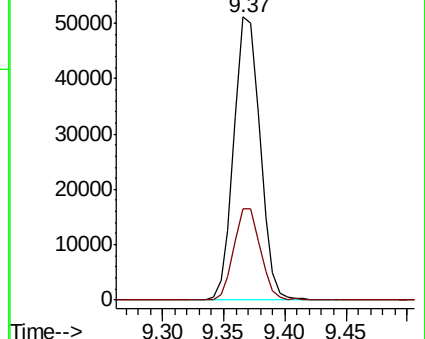
76 100

78 32.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 94.702 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009202.D

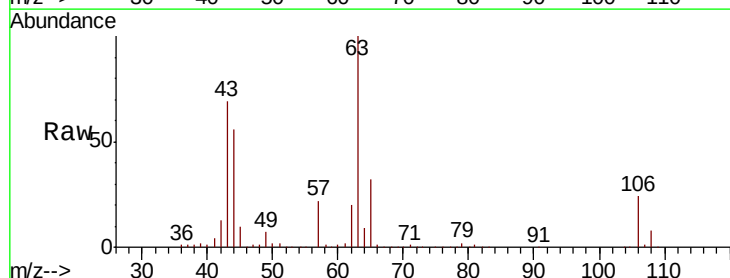
Acq: 29 Apr 2019 12:33

Tgt Ion: 63 Resp: 213915

Ion Ratio Lower Upper

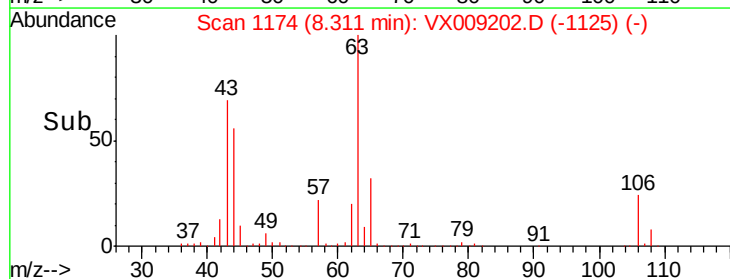
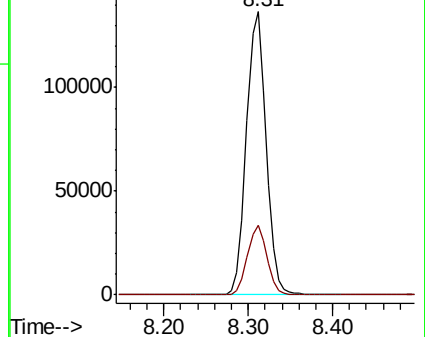
63 100

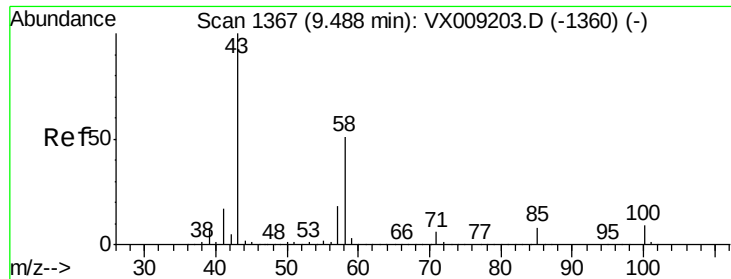
106 24.4 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

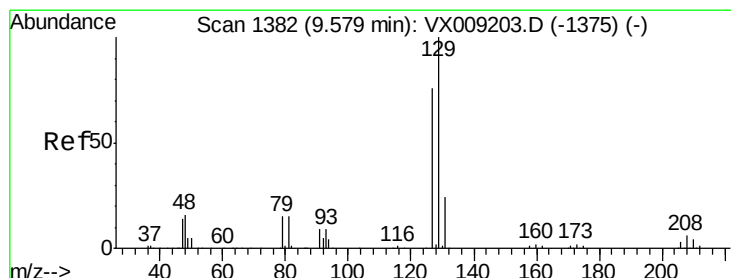
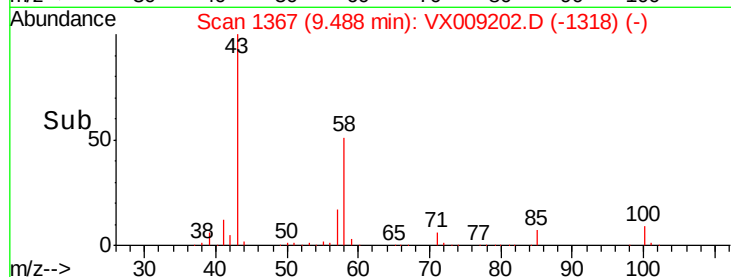
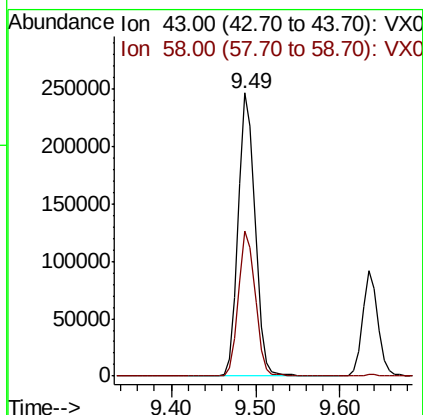
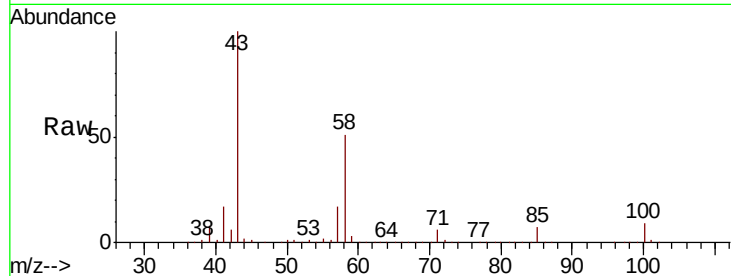




#59
2-Hexanone
Concen: 97.051 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

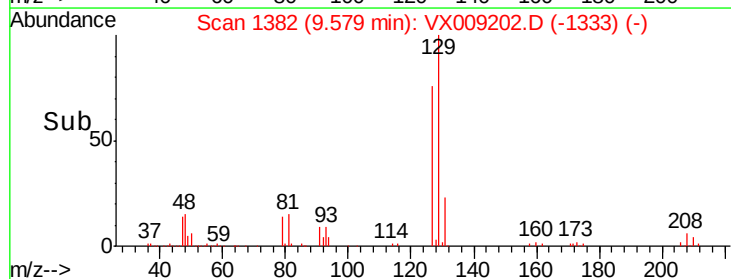
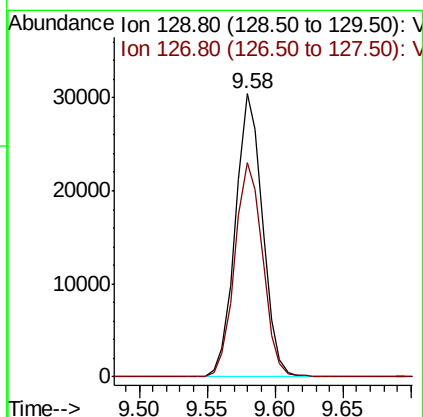
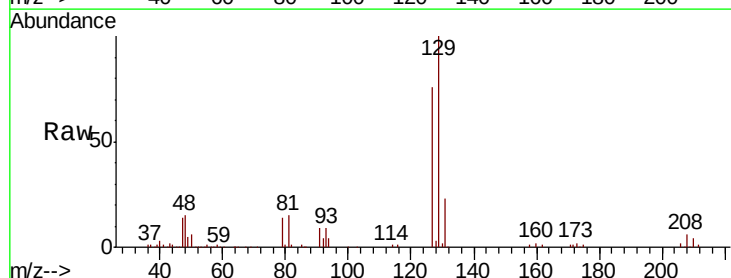
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

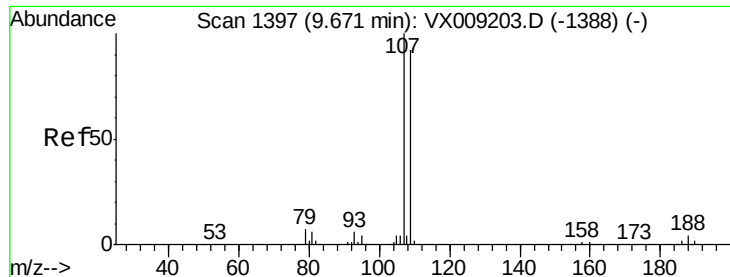
Tgt Ion: 43 Resp: 330950
Ion Ratio Lower Upper
43 100
58 51.0 25.9 77.7



#60
Dibromochloromethane
Concen: 18.951 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

Tgt Ion: 129 Resp: 42409
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.394 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

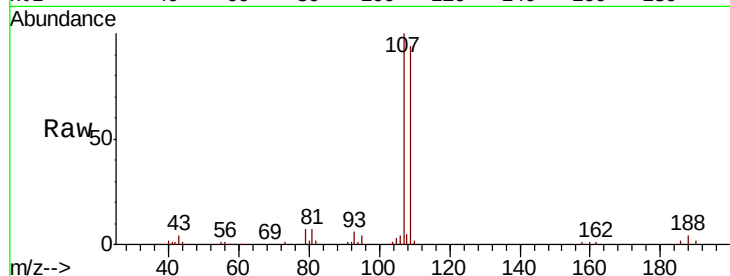
VSTDIC020

Tgt Ion: 107 Resp: 44147

Ion Ratio Lower Upper

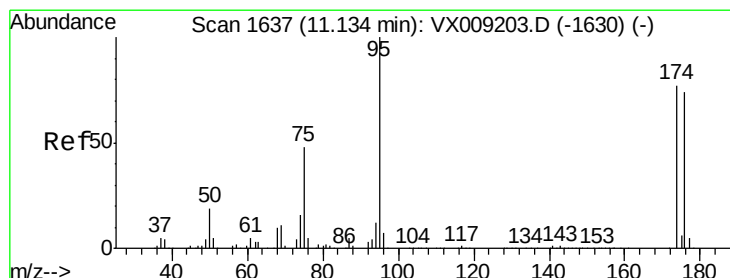
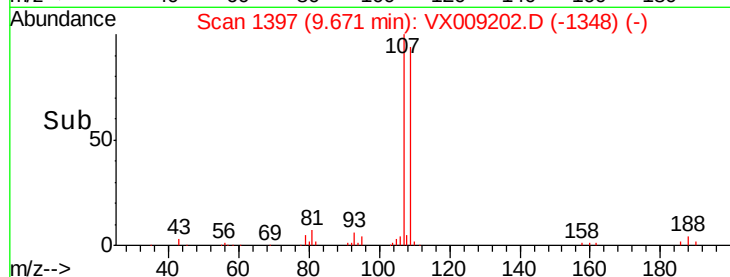
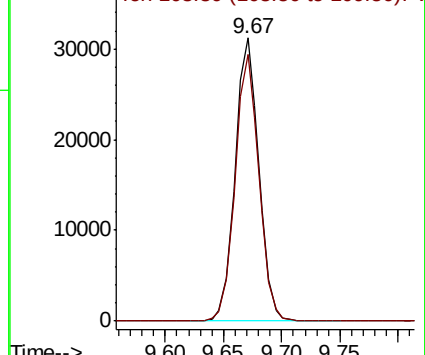
107 100

109 94.8 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 19.101 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

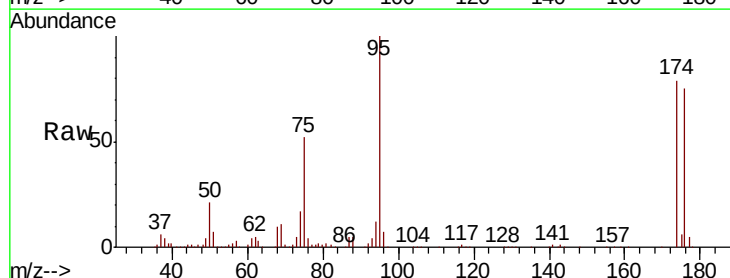
Tgt Ion: 95 Resp: 56217

Ion Ratio Lower Upper

95 100

174 81.5 0.0 161.6

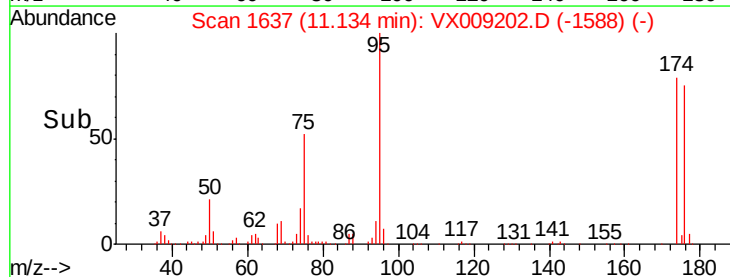
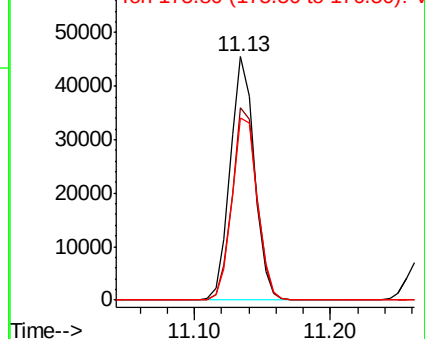
176 79.1 0.0 159.2

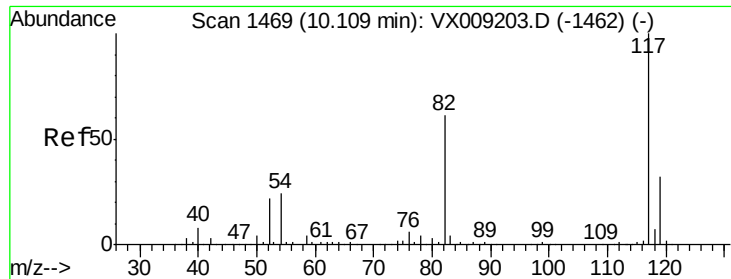


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

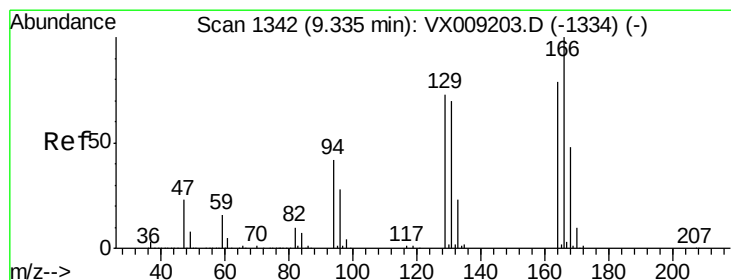
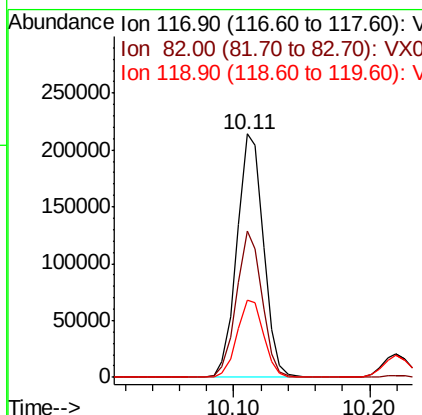
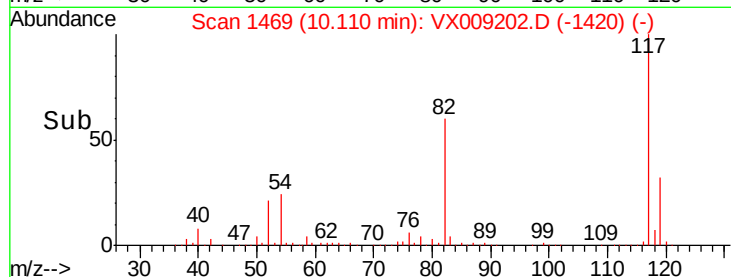
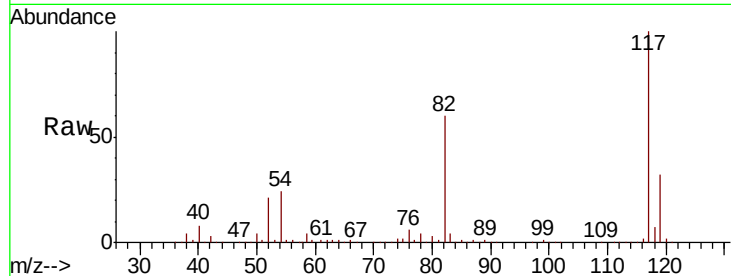




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

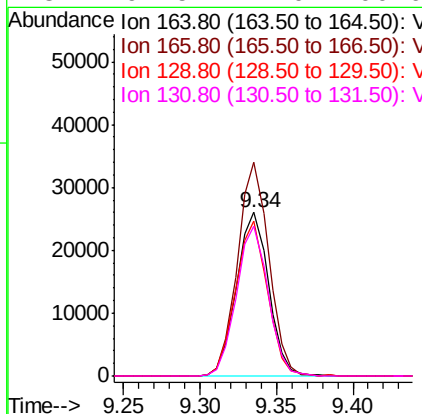
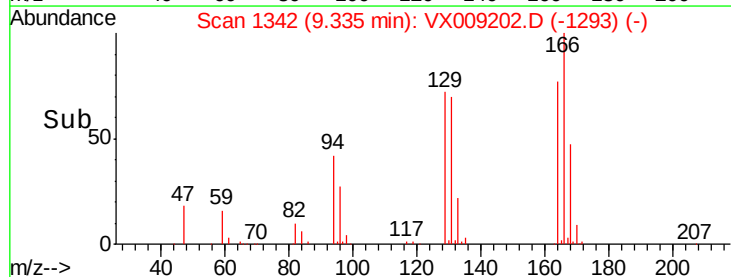
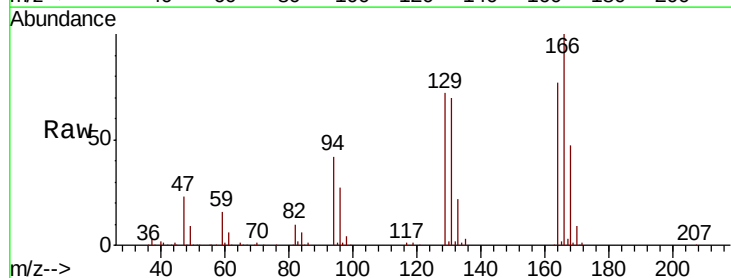
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

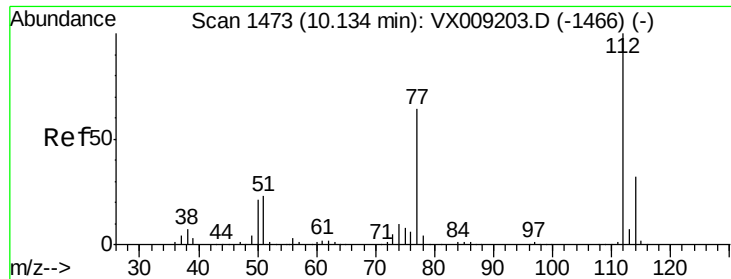
Tgt Ion:117 Resp: 289447
Ion Ratio Lower Upper
117 100
82 60.3 48.8 73.2
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 17.514 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

Tgt Ion:164 Resp: 38081
Ion Ratio Lower Upper
164 100
166 130.5 101.2 151.8
129 94.5 74.3 111.5
131 91.5 71.0 106.6

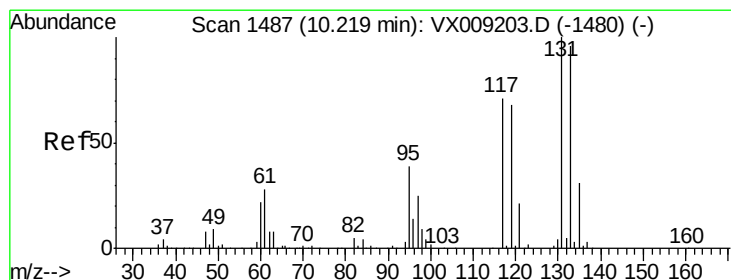
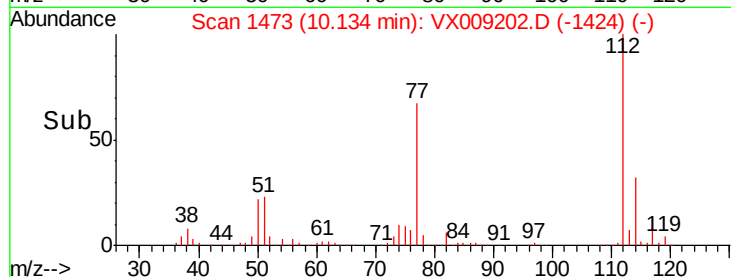
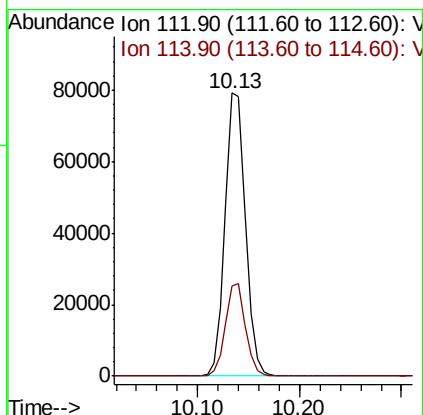
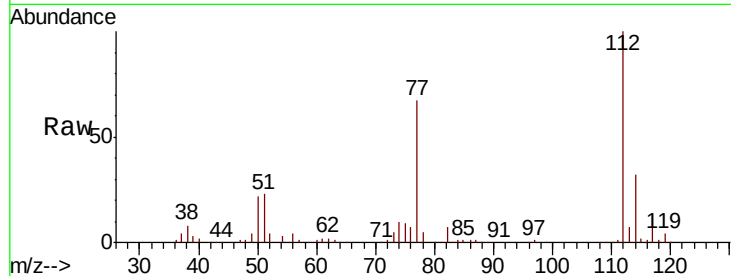




#65
Chlorobenzene
Concen: 18.061 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

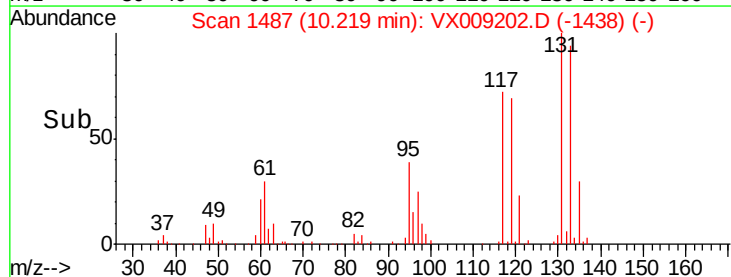
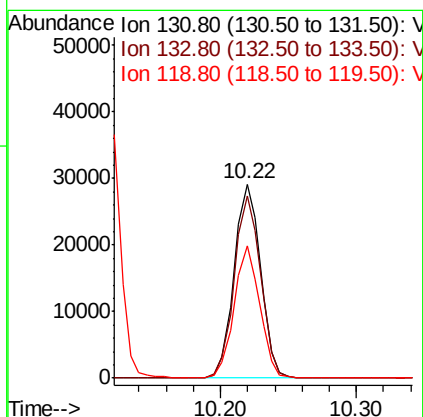
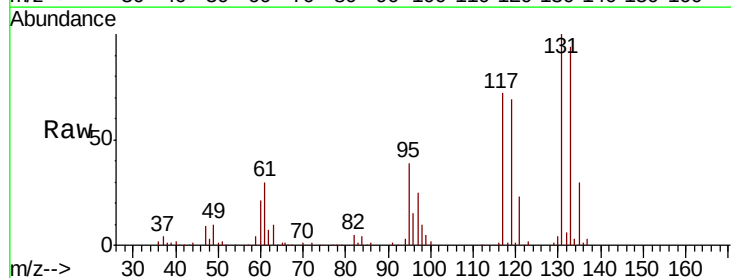
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

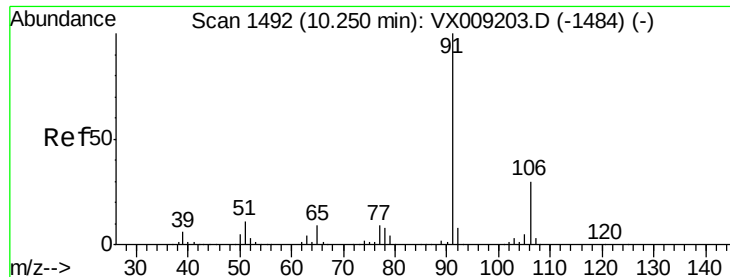
Tgt Ion:112 Resp: 110205
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 18.402 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

Tgt Ion:131 Resp: 39529
Ion Ratio Lower Upper
131 100
133 94.2 47.7 143.1
119 66.3 33.5 100.4





#67

Ethyl Benzene

Concen: 18.300 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

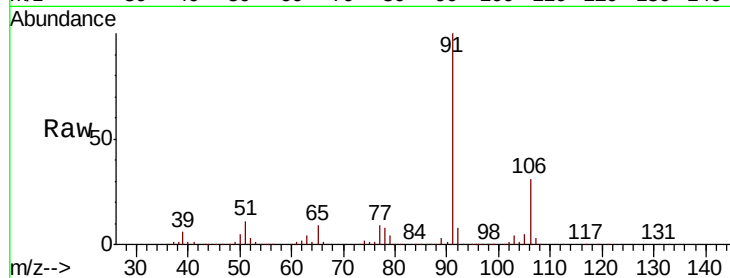
VSTDIC020

Tgt Ion: 91 Resp: 203894

Ion Ratio Lower Upper

91 100

106 31.4 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX009203.D (-1484) (-)

Ion 106.00 (105.70 to 106.70): VX009203.D (-1484) (-)

250000

200000

150000

100000

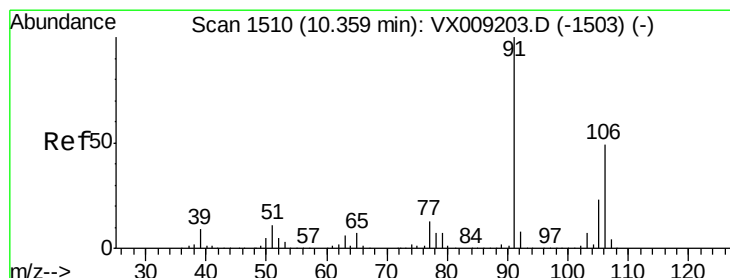
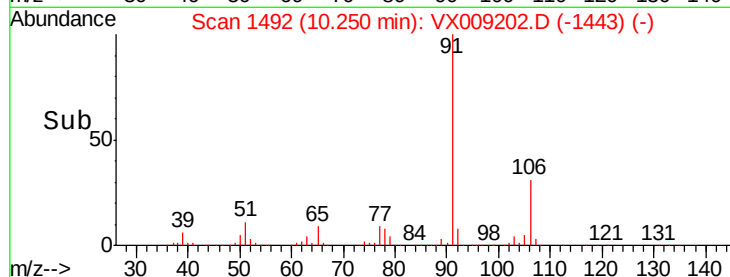
50000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 36.657 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX009202.D

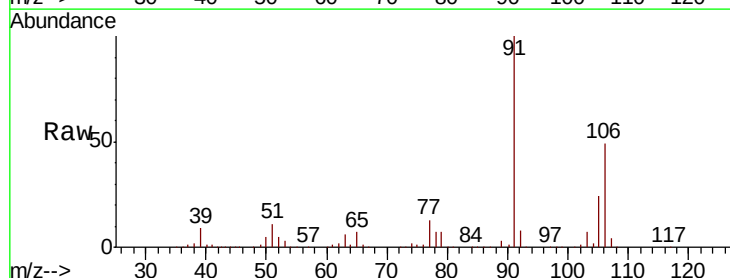
Acq: 29 Apr 2019 12:33

Tgt Ion: 106 Resp: 148862

Ion Ratio Lower Upper

106 100

91 207.1 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): VX009203.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX009203.D (-1503) (-)

250000

200000

150000

100000

50000

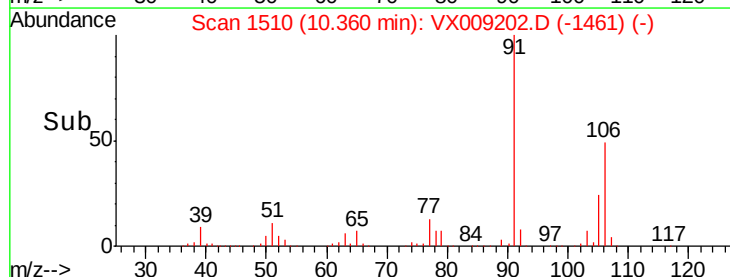
0

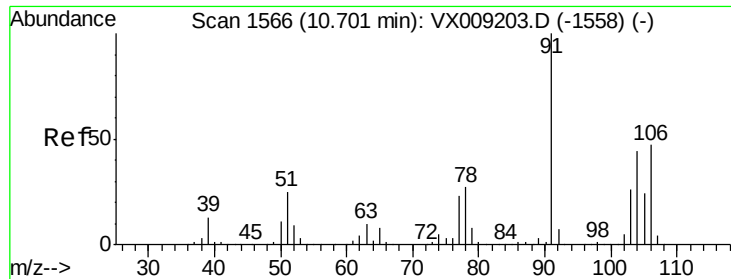
10.30

10.35

10.40

Time-->

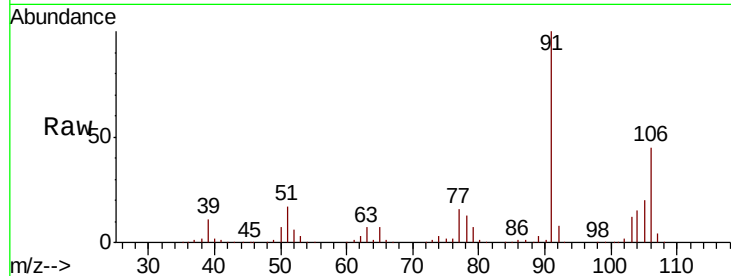




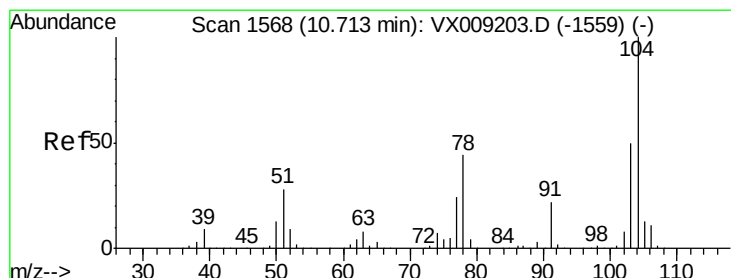
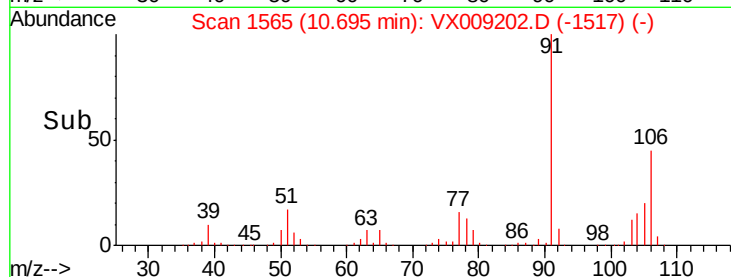
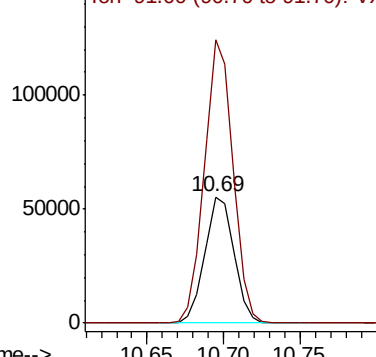
#69
o-Xylene
Concen: 18.579 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion:106 Resp: 73412
Ion Ratio Lower Upper
106 100
91 219.9 109.5 328.4

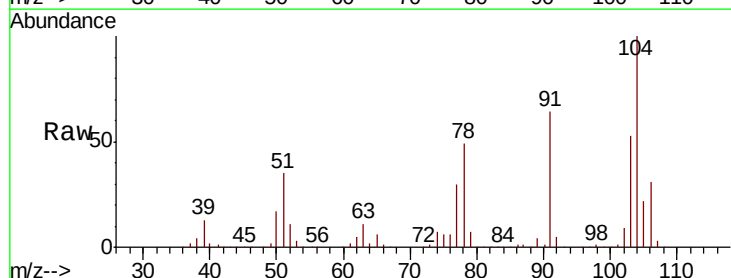


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

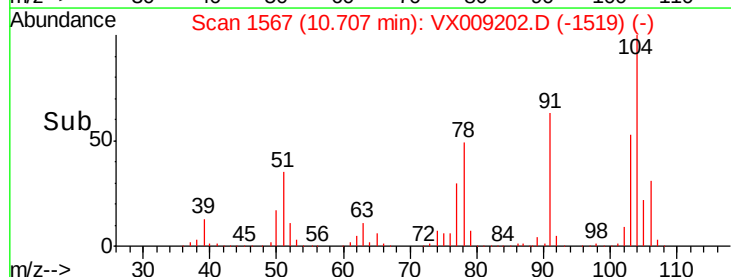
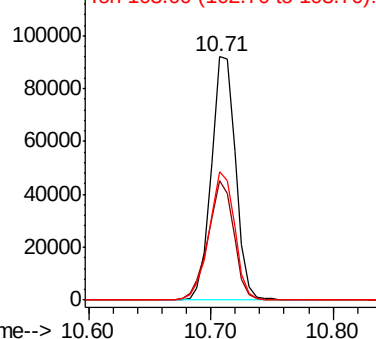


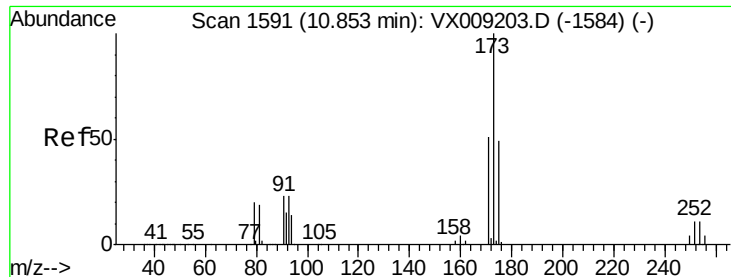
#70
Styrene
Concen: 18.366 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

Tgt Ion:104 Resp: 126033
Ion Ratio Lower Upper
104 100
78 52.1 41.0 61.4
103 55.8 43.8 65.6



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

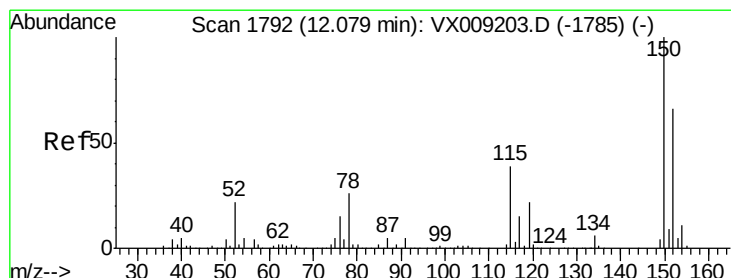
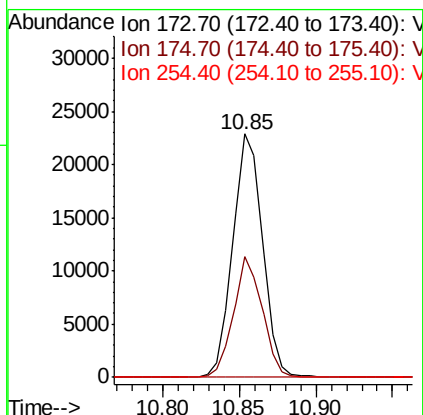
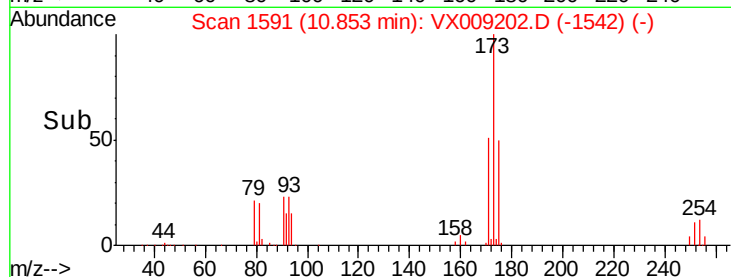
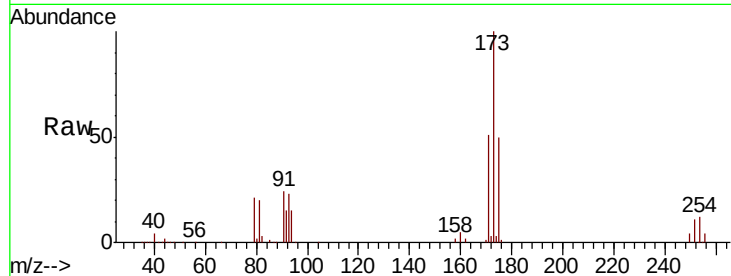




#71
Bromoform
Concen: 18.021 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

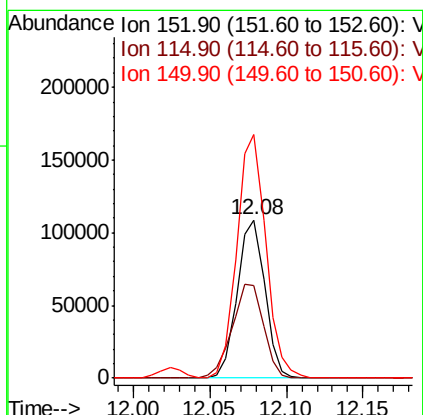
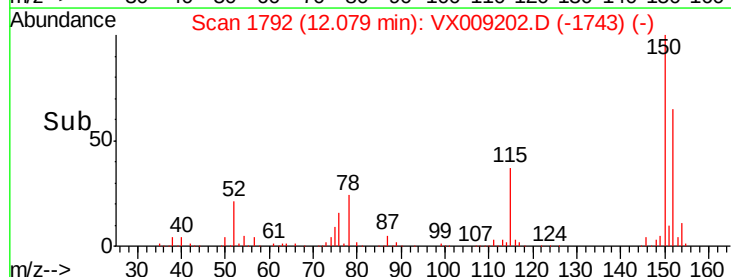
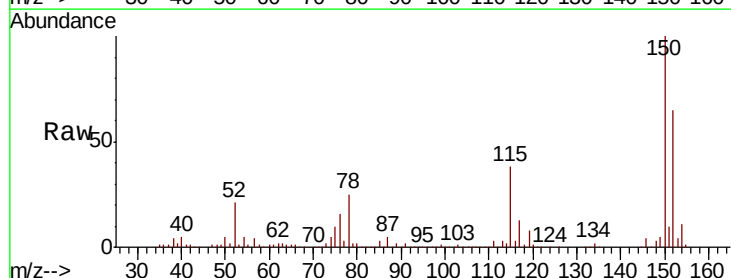
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

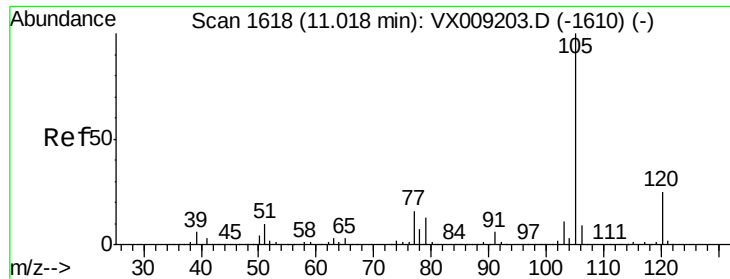
Tgt Ion:173 Resp: 30905
Ion Ratio Lower Upper
173 100
175 47.7 24.5 73.5
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

Tgt Ion:152 Resp: 136365
Ion Ratio Lower Upper
152 100
115 67.4 41.2 123.6
150 161.2 0.0 346.4

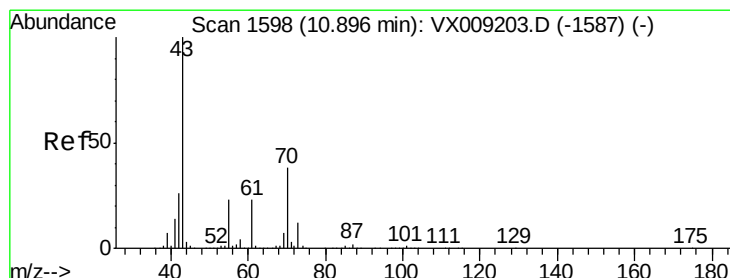
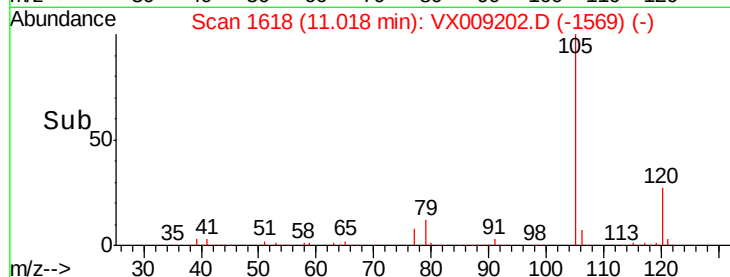
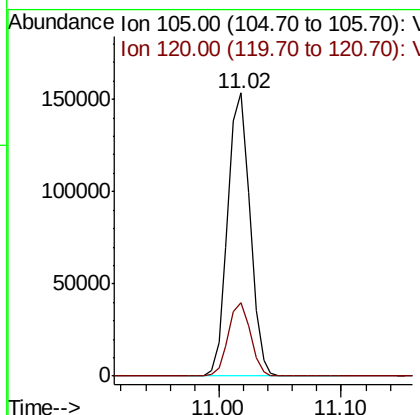
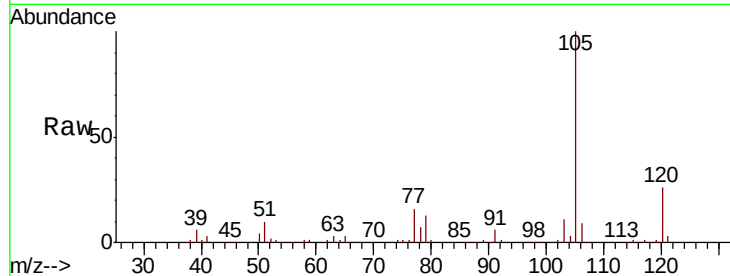




#73
Isopropylbenzene
Concen: 18.868 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

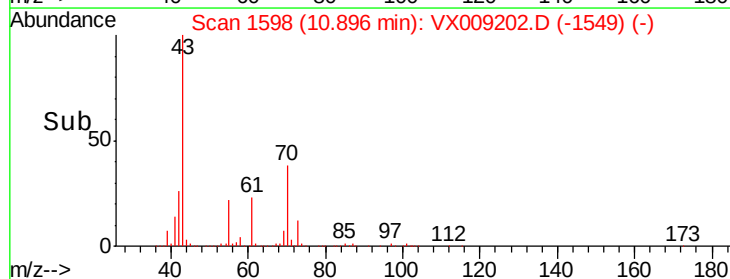
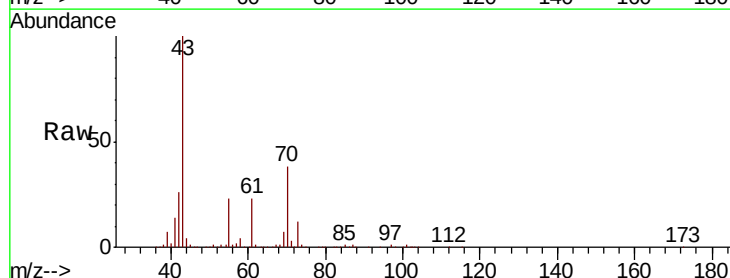
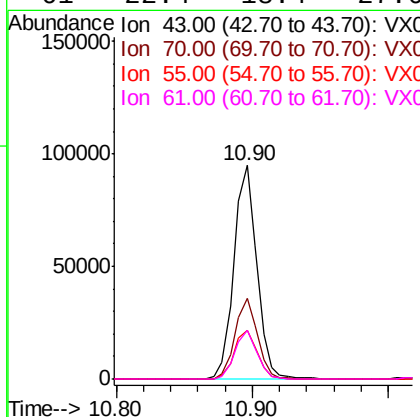
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

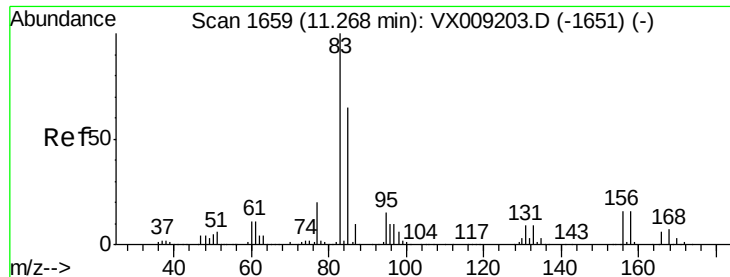
Tgt Ion: 105 Resp: 193811
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.3



#74
N-ethyl acetate
Concen: 18.653 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

Tgt Ion: 43 Resp: 110594
Ion Ratio Lower Upper
43 100
70 37.4 30.0 45.0
55 23.2 17.9 26.9
61 22.4 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.736 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

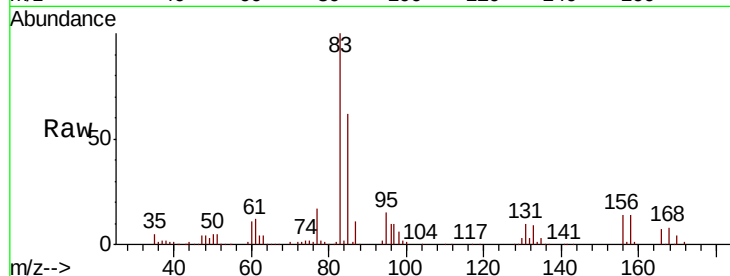
Tgt Ion: 83 Resp: 70730

Ion Ratio Lower Upper

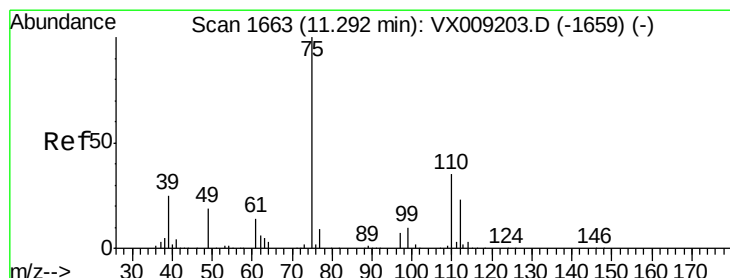
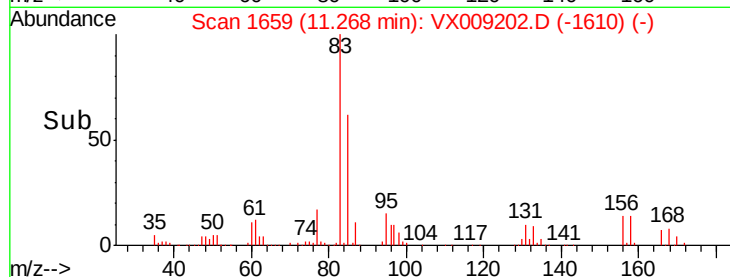
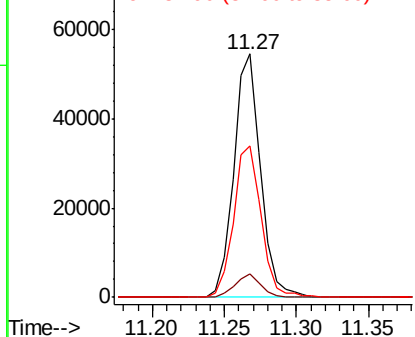
83 100

131 9.4 4.6 13.8

85 64.4 32.0 96.2



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: 24.655 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009202.D

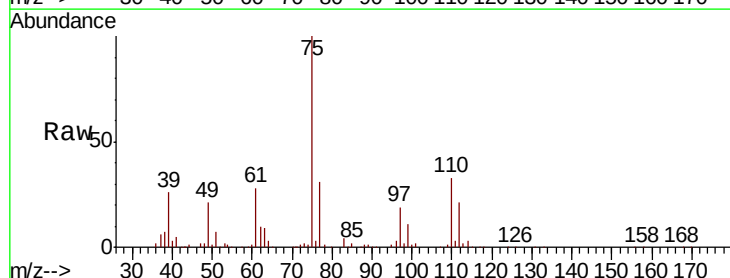
Acq: 29 Apr 2019 12:33

Tgt Ion: 75 Resp: 81775

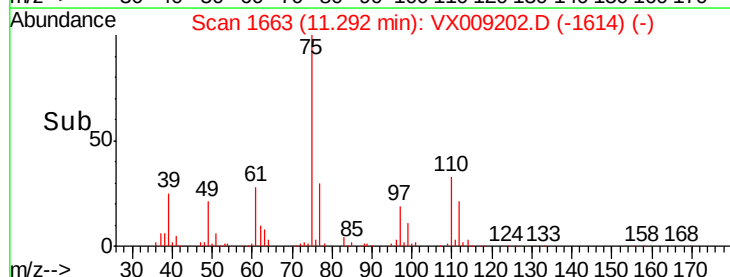
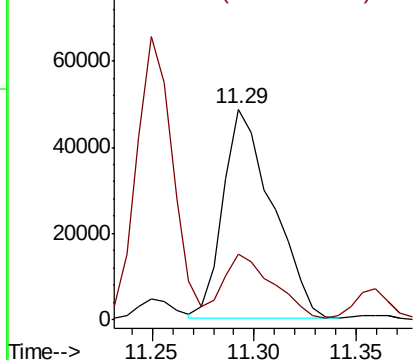
Ion Ratio Lower Upper

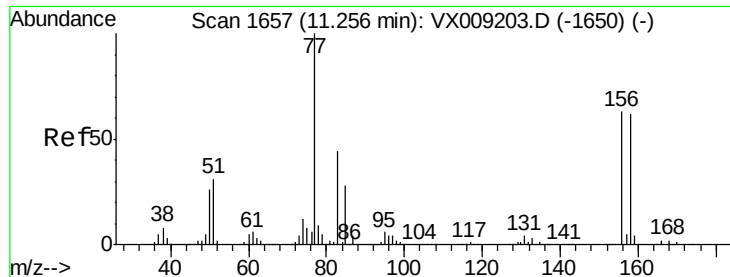
75 100

77 31.9 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.299 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

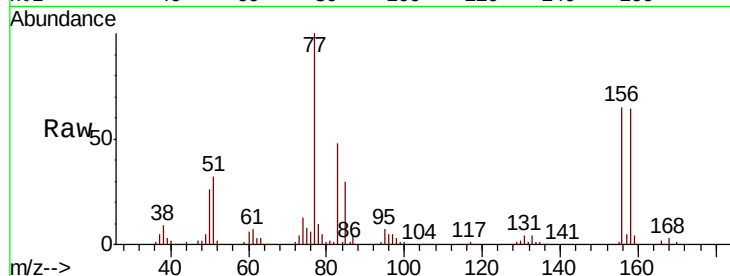
Tgt Ion:156 Resp: 47440

Ion Ratio Lower Upper

156 100

77 170.9 84.8 254.3

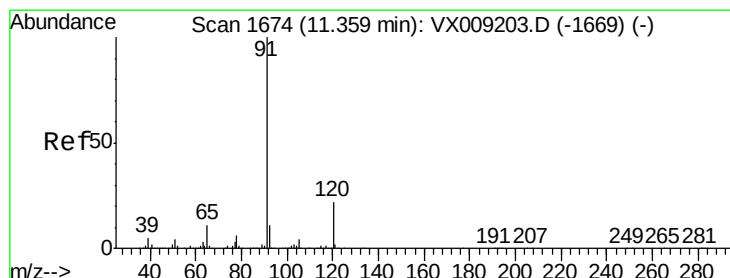
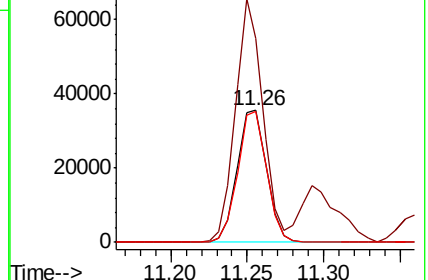
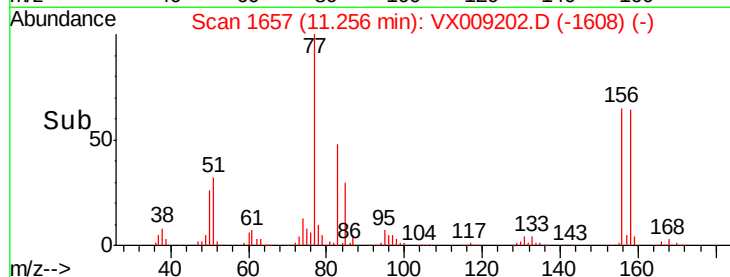
158 97.5 49.1 147.3



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: 18.788 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009202.D

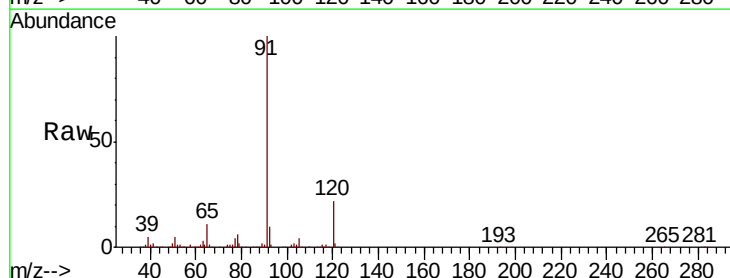
Acq: 29 Apr 2019 12:33

Tgt Ion: 91 Resp: 221055

Ion Ratio Lower Upper

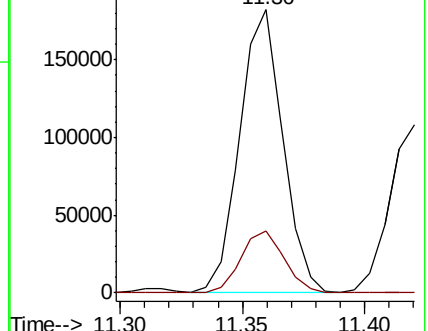
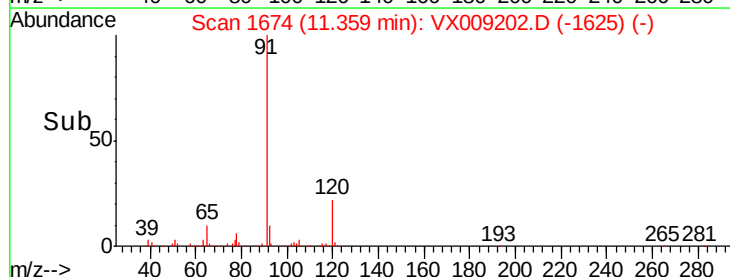
91 100

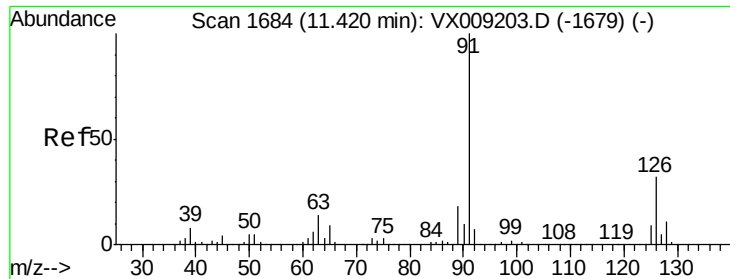
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.747 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

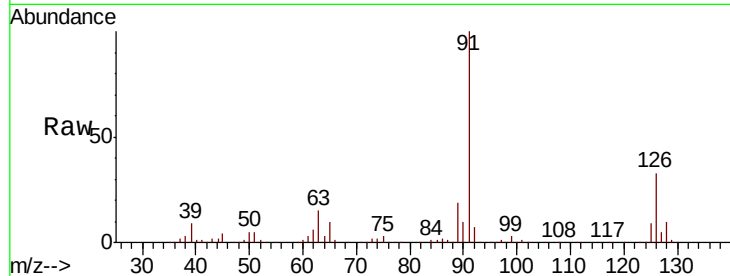
VSTDIC020

Tgt Ion: 91 Resp: 133261

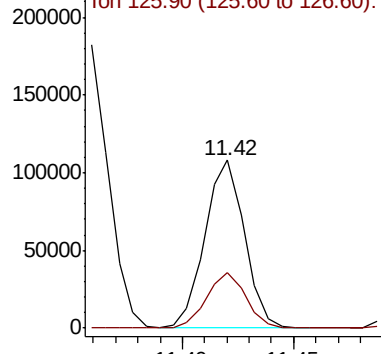
Ion Ratio Lower Upper

91 100

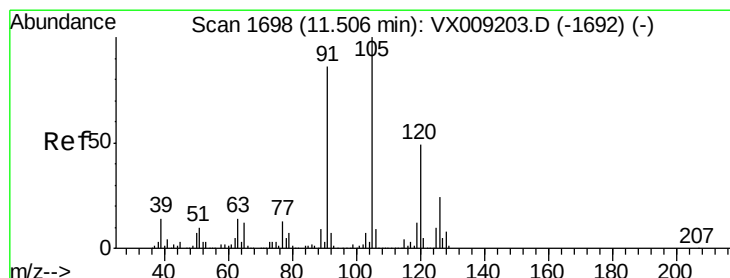
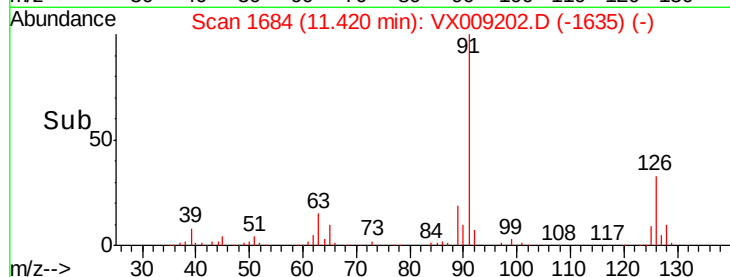
126 33.1 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX009202.D (-1635) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.138 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009202.D

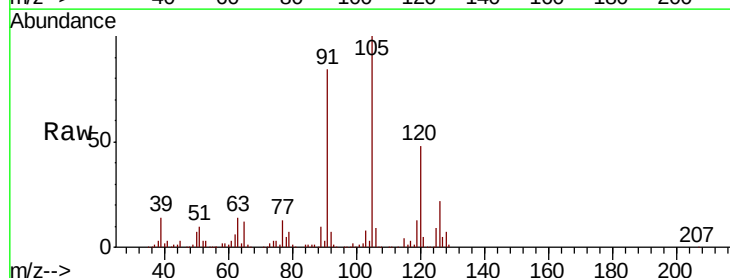
Acq: 29 Apr 2019 12:33

Tgt Ion: 105 Resp: 165072

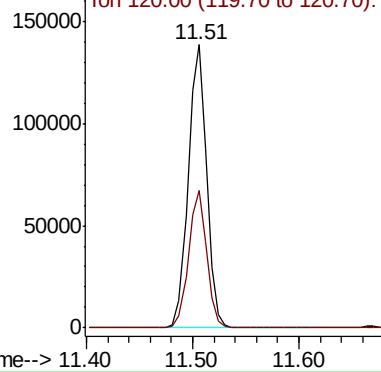
Ion Ratio Lower Upper

105 100

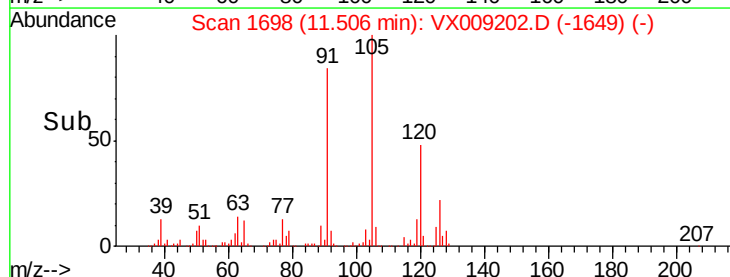
120 47.6 24.3 72.9

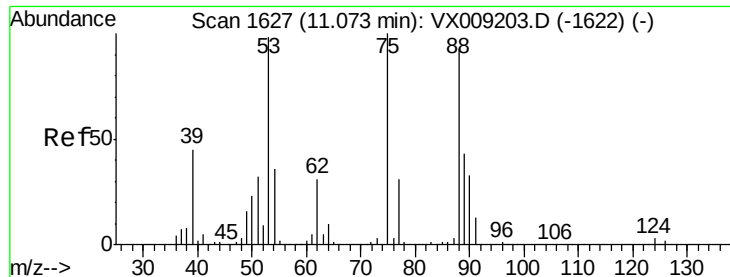


Abundance Ion 105.00 (104.70 to 105.70): VX009202.D (-1649) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.962 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

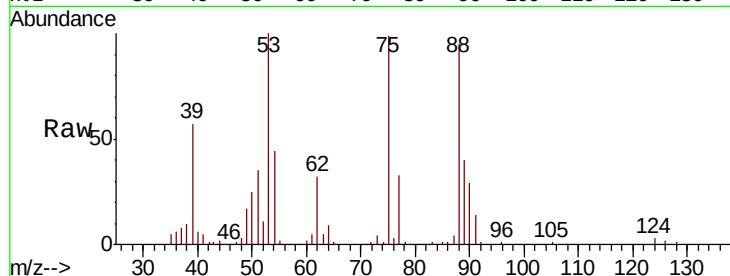
Tgt Ion: 75 Resp: 22984

Ion Ratio Lower Upper

75 100

53 103.3 79.0 118.6

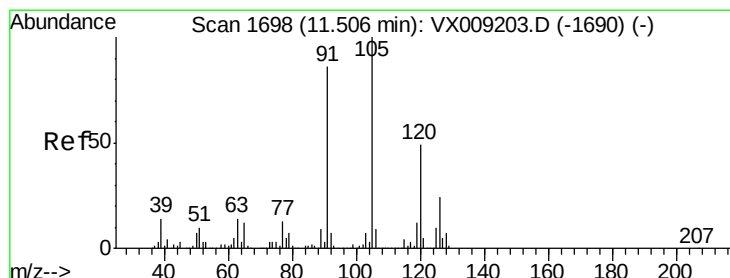
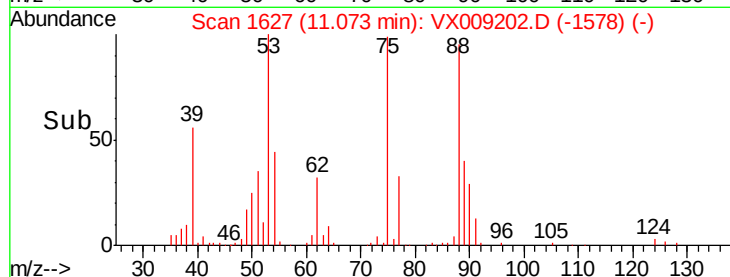
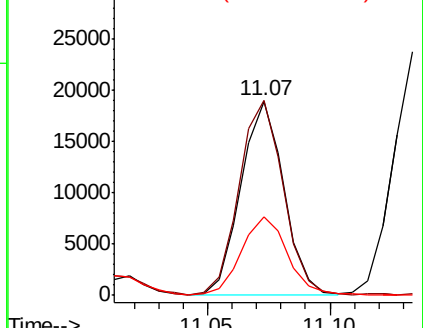
89 43.8 34.7 52.1



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: 18.457 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009202.D

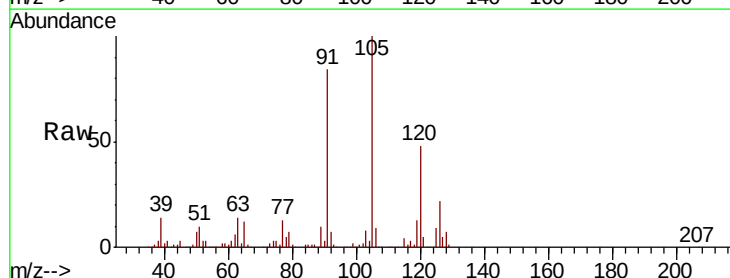
Acq: 29 Apr 2019 12:33

Tgt Ion: 91 Resp: 152253

Ion Ratio Lower Upper

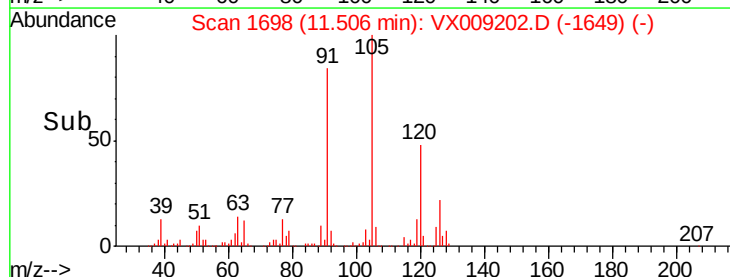
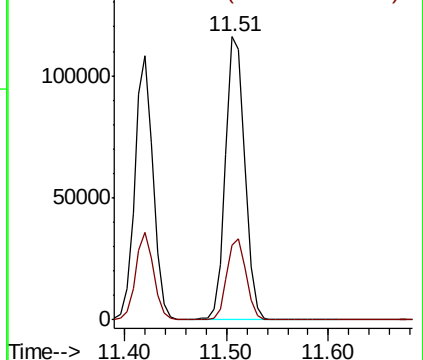
91 100

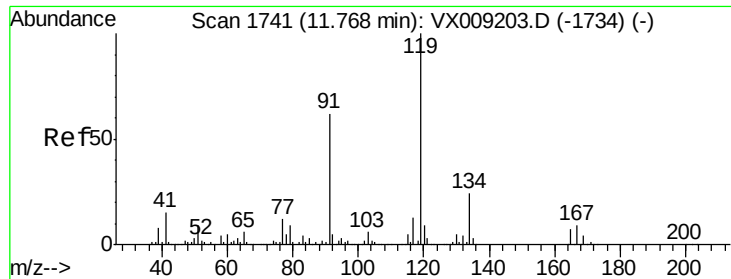
126 28.5 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

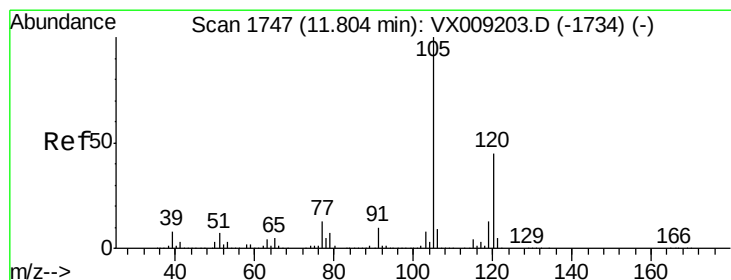
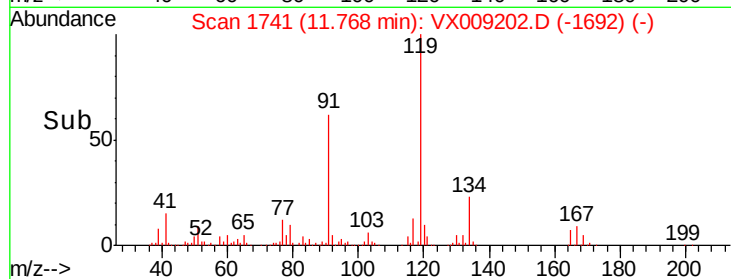
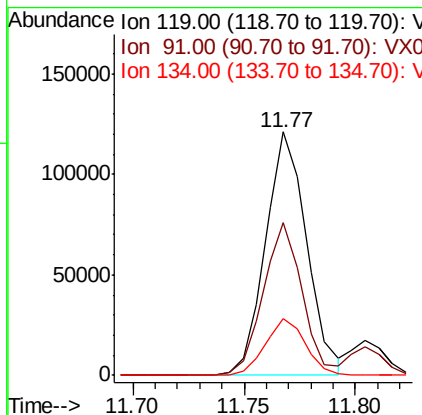
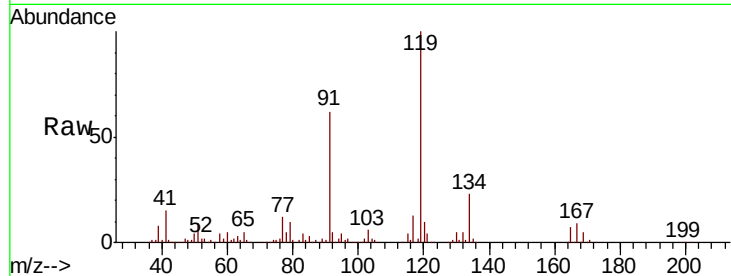




#83
 tert-Butylbenzene
 Concen: 18.729 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009202.D
 Acq: 29 Apr 2019 12:33

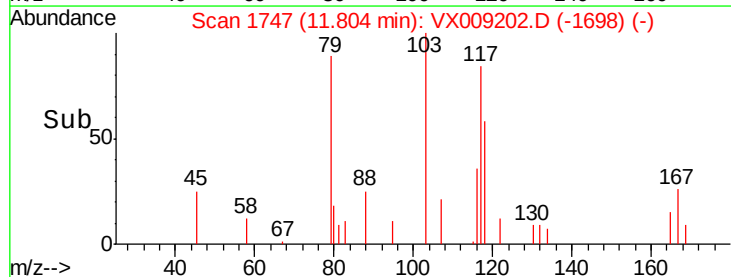
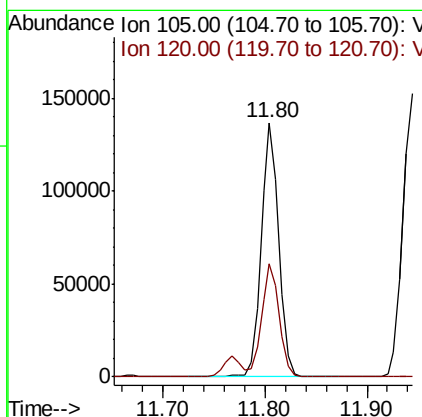
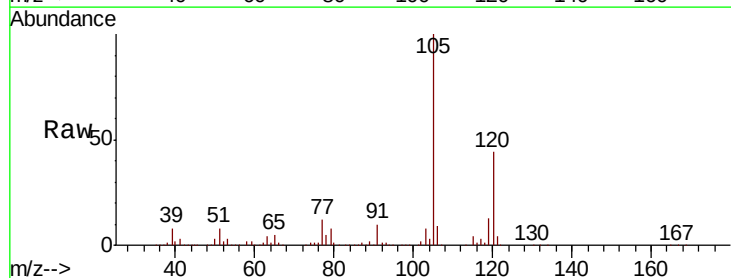
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

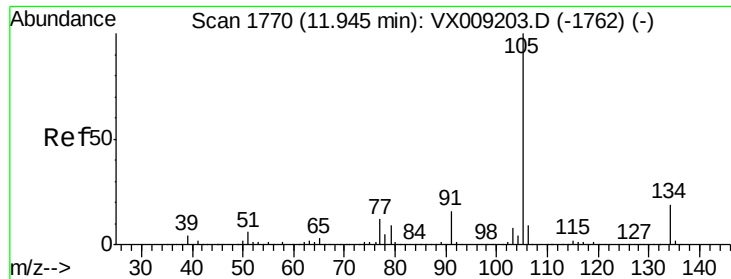
Tgt Ion:119 Resp: 155594
 Ion Ratio Lower Upper
 119 100
 91 59.6 29.5 88.5
 134 22.7 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.741 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009202.D
 Acq: 29 Apr 2019 12:33

Tgt Ion:105 Resp: 164667
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 18.854 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

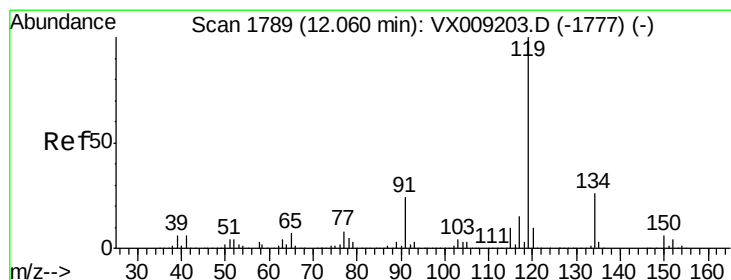
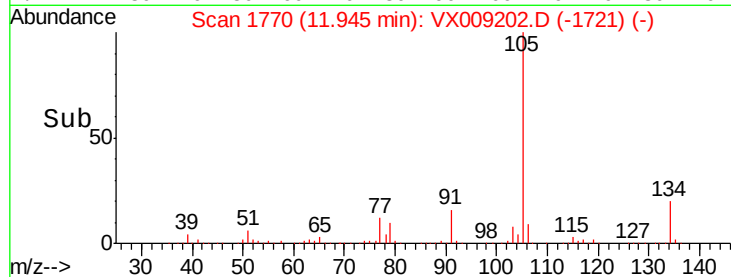
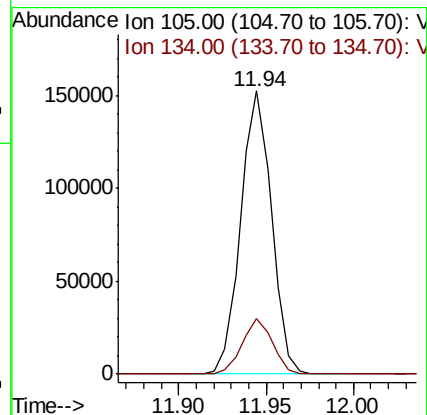
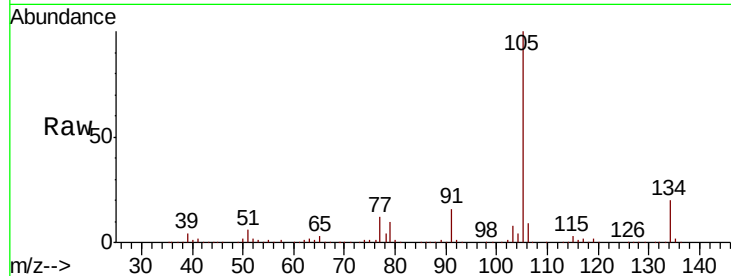
VSTDIC020

Tgt Ion:105 Resp: 186398

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 18.550 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

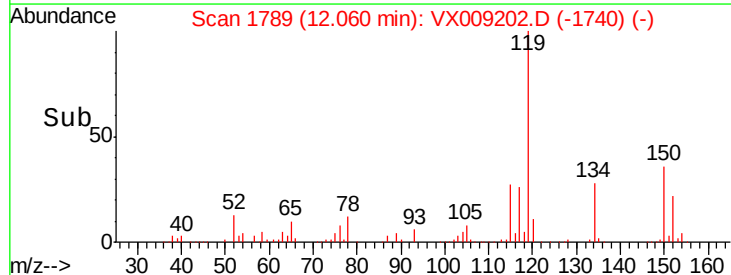
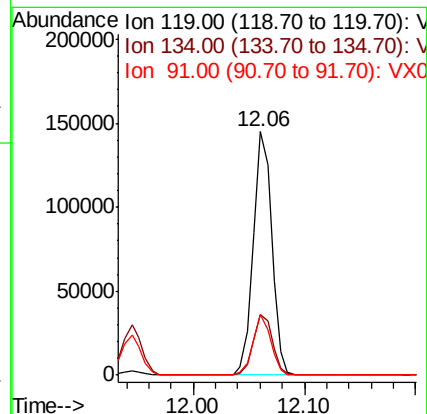
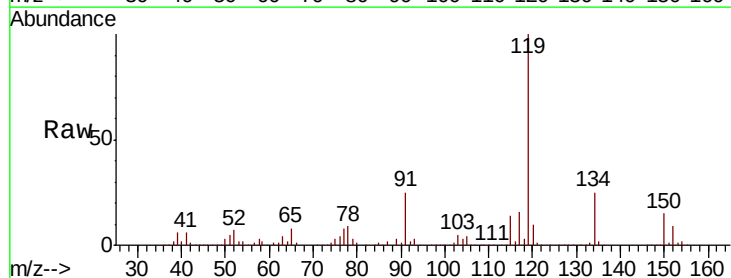
Tgt Ion:119 Resp: 168493

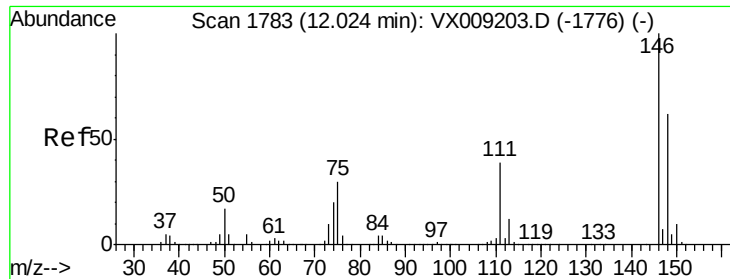
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 24.1 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 18.180 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

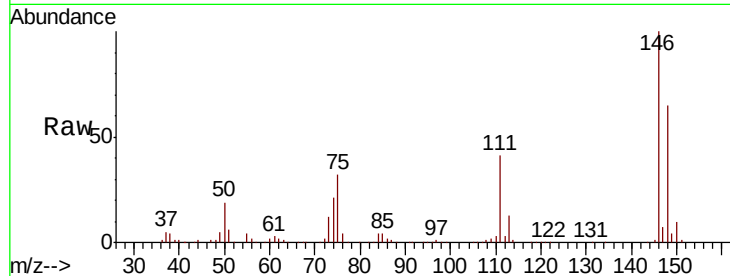
Tgt Ion:146 Resp: 82821

Ion Ratio Lower Upper

146 100

111 40.2 20.0 59.9

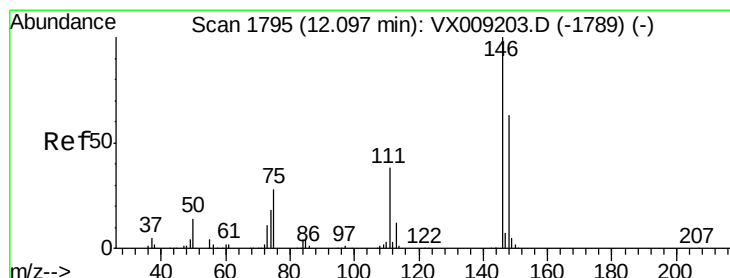
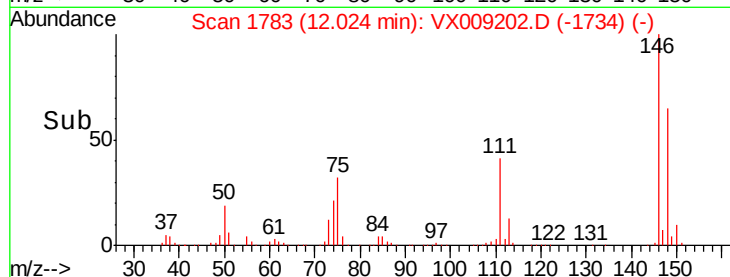
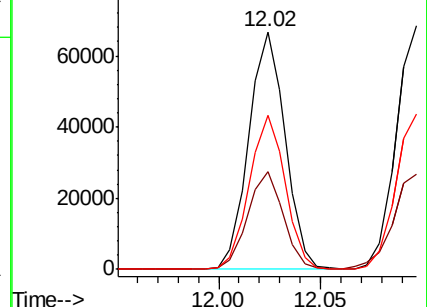
148 64.0 31.8 95.3



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: 18.101 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

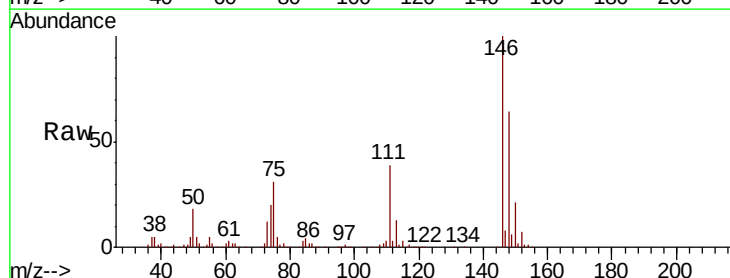
Tgt Ion:146 Resp: 83637

Ion Ratio Lower Upper

146 100

111 40.9 19.6 58.8

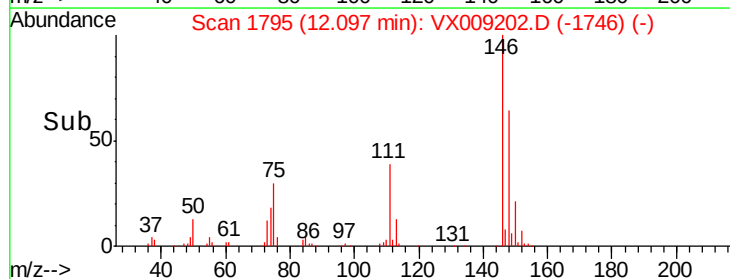
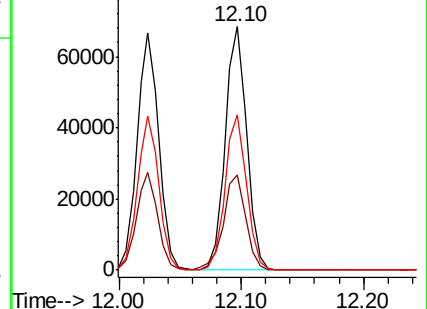
148 63.8 31.8 95.3

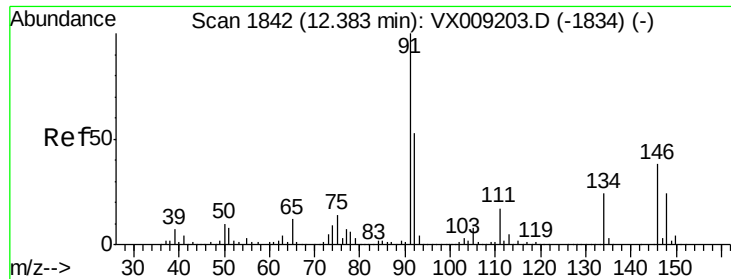


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

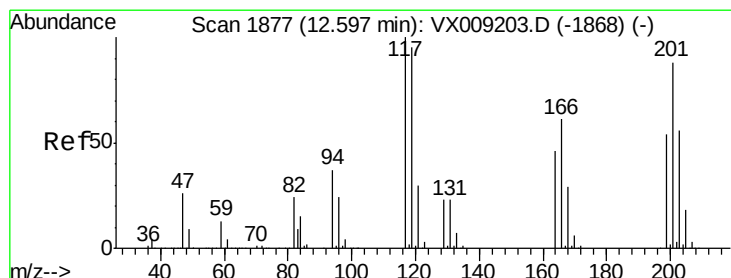
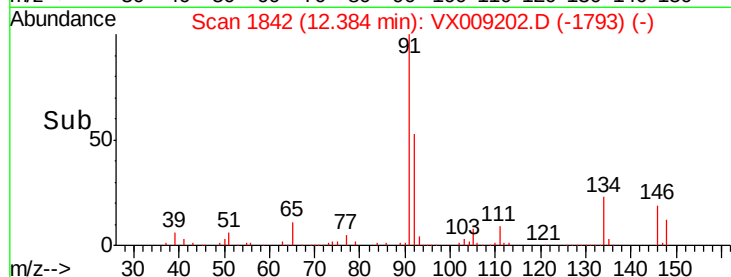
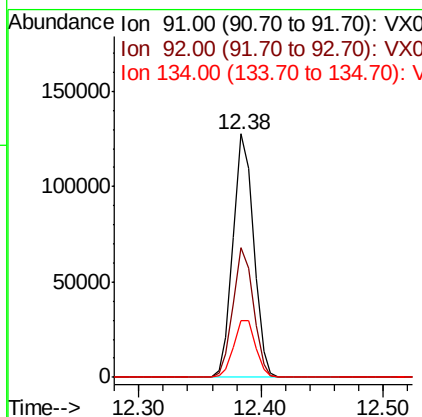
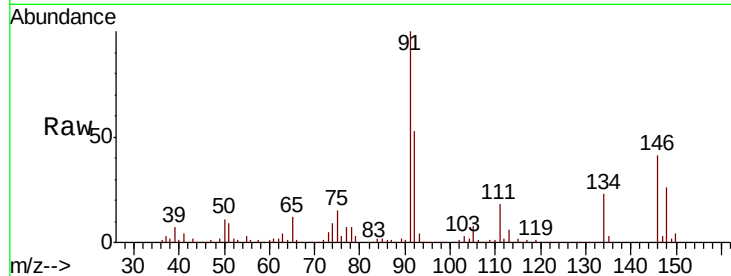




#89
n-Butylbenzene
Concen: 17.610 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

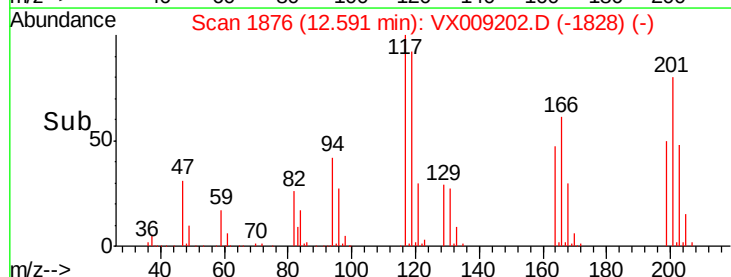
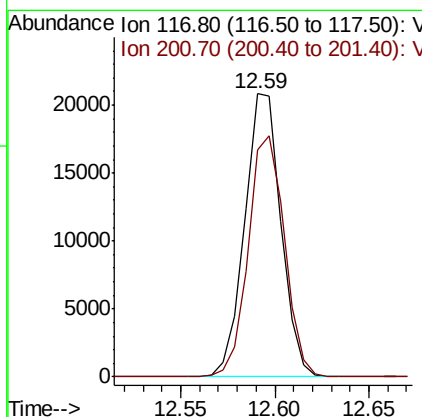
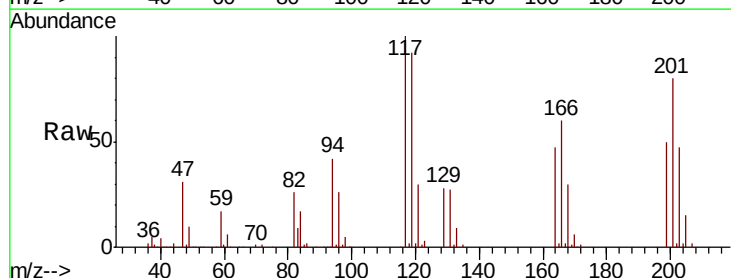
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

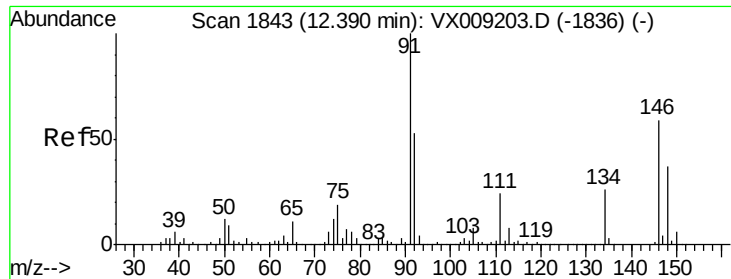
Tgt Ion: 91 Resp: 148098
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 24.9 12.4 37.2



#90
Hexachloroethane
Concen: 18.557 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

Tgt Ion: 117 Resp: 27835
Ion Ratio Lower Upper
117 100
201 84.8 42.3 126.9





#91

1,2-Dichlorobenzene

Concen: 18.546 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

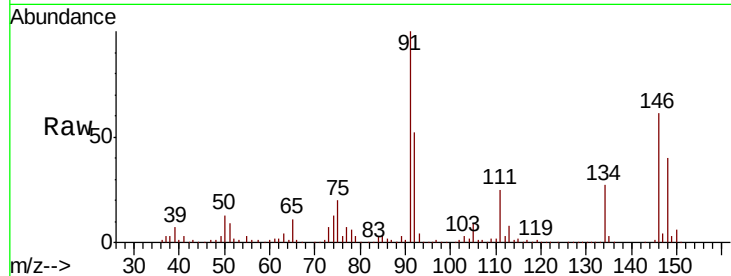
Tgt Ion:146 Resp: 83854

Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.4

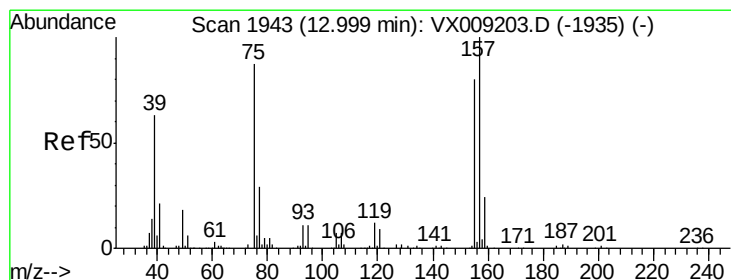
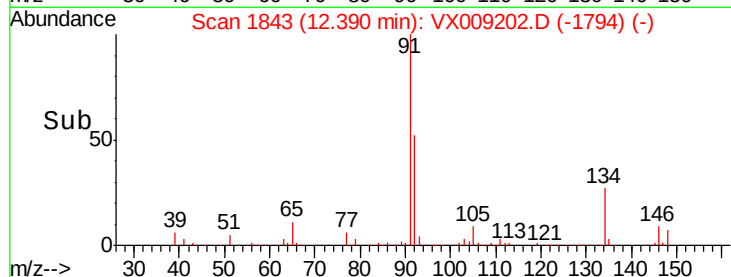
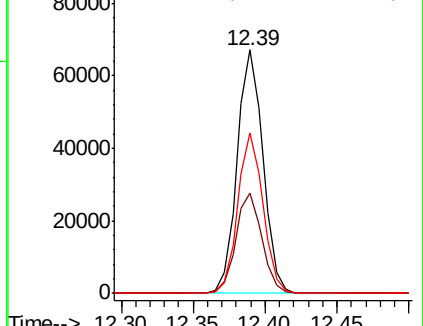
148 64.3 31.9 95.9



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.572 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009202.D

Acq: 29 Apr 2019 12:33

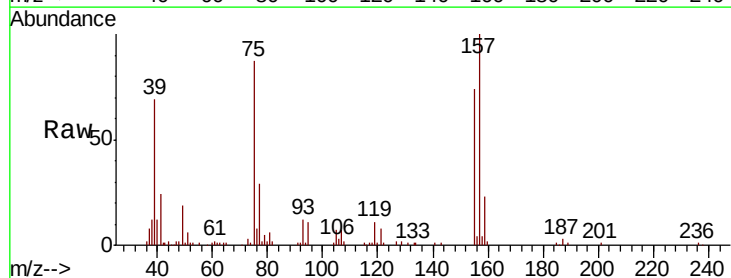
Tgt Ion: 75 Resp: 16039

Ion Ratio Lower Upper

75 100

155 81.9 42.0 126.0

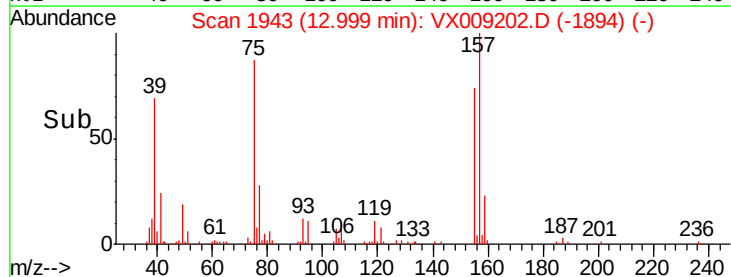
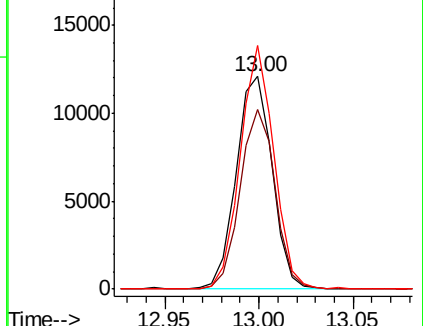
157 106.4 53.2 159.6

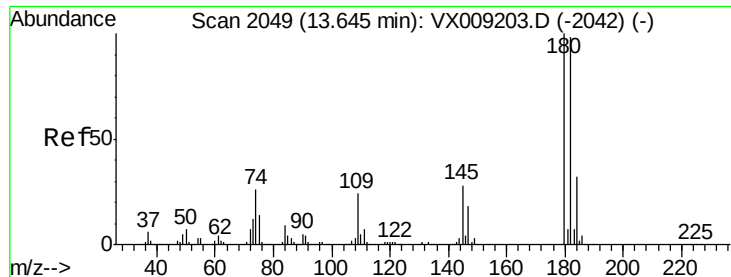


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

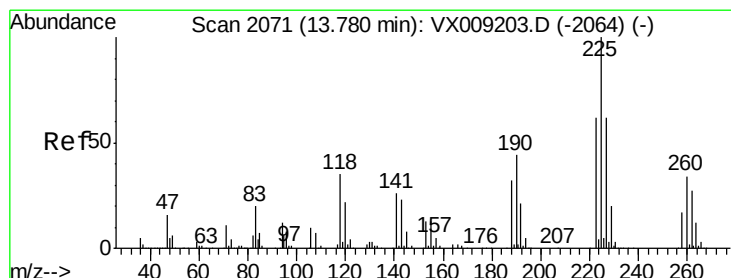
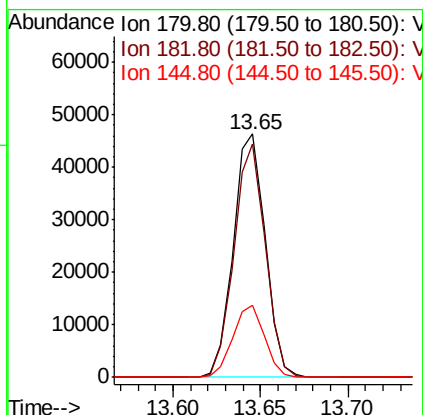
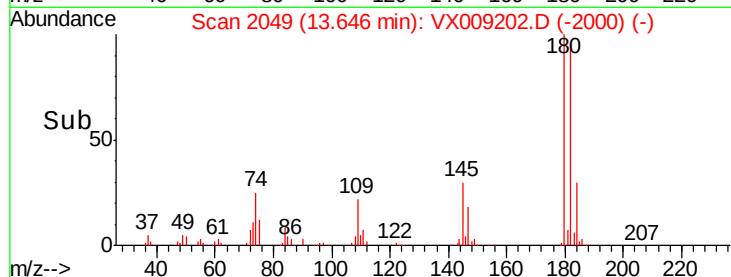
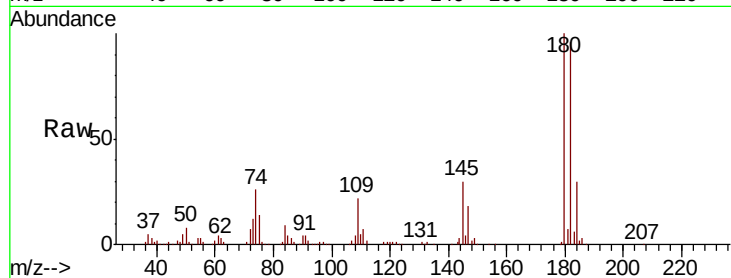




#93
 1,2,4-Trichlorobenzene
 Concen: 18.114 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009202.D
 Acq: 29 Apr 2019 12:33

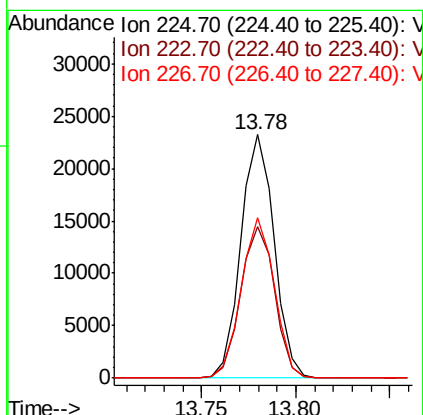
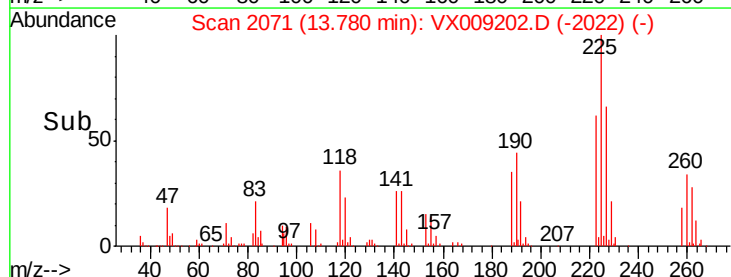
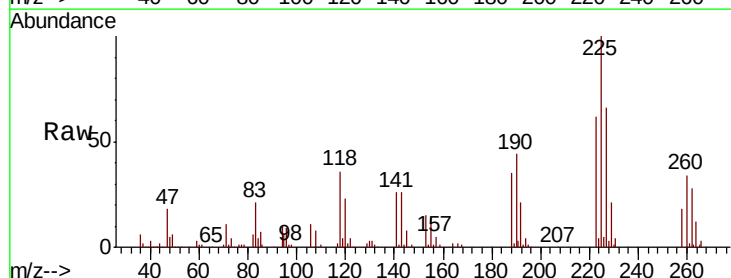
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

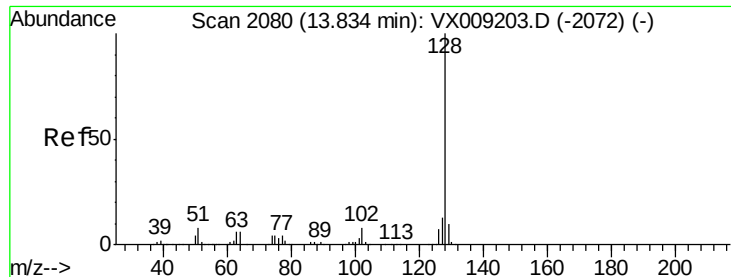
Tgt Ion:180 Resp: 58804
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.4 145.2
 145 29.4 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 17.563 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009202.D
 Acq: 29 Apr 2019 12:33

Tgt Ion:225 Resp: 28451
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.3 93.8
 227 65.5 31.8 95.3

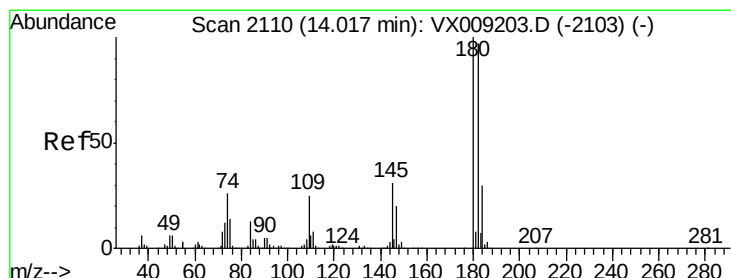
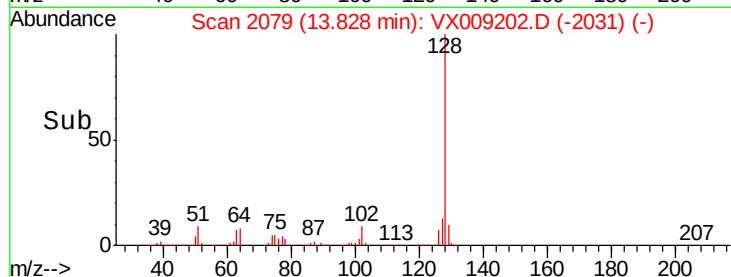
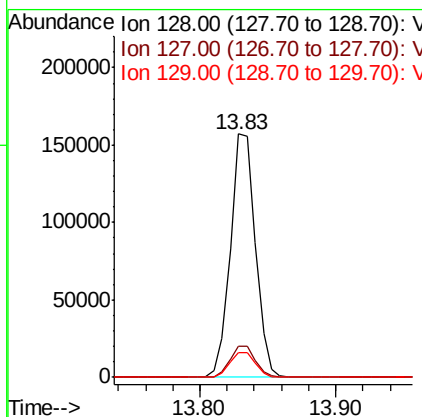
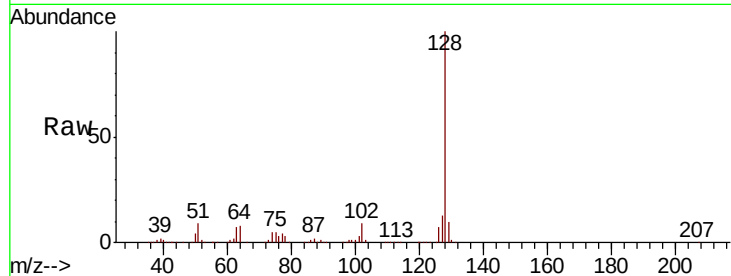




#95
Naphthalene
Concen: 19.226 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 200685
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.043 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009202.D
Acq: 29 Apr 2019 12:33

Tgt Ion:180 Resp: 61274
Ion Ratio Lower Upper
180 100
182 94.4 47.8 143.4
145 30.8 15.4 46.4

