

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX042919\
 Data File : VX009201.D
 Acq On : 29 Apr 2019 12:10
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 30 06:43:19 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	196213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	317418	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	282027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133541	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	14466	5.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.40%	
35) Dibromofluoromethane	5.50	113	10580	5.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.34%	
50) Toluene-d8	8.71	98	40780	4.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.98%	
62) 4-Bromofluorobenzene	11.13	95	13875	4.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.58%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	8228	3.781	ug/l 98
3) Chloromethane	1.32	50	11537	4.209	ug/l 99
4) Vinyl Chloride	1.41	62	11430	4.296	ug/l 93
5) Bromomethane	1.64	94	7166	4.132	ug/l 93
6) Chloroethane	1.71	64	7327	4.640	ug/l 93
7) Trichlorofluoromethane	1.92	101	13991	4.476	ug/l 96
8) Diethyl Ether	2.19	74	6830	4.749	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	9121	4.555	ug/l 98
10) Methyl Iodide	2.51	142	6111	3.083	ug/l 99
11) Tert butyl alcohol	3.05	59	16227	26.270	ug/l 96
12) 1,1-Dichloroethene	2.37	96	8663	4.160	ug/l 96
13) Acrolein	2.29	56	14662	27.556	ug/l 99
14) Allyl chloride	2.73	41	21130	4.629	ug/l 99
15) Acrylonitrile	3.14	53	38355	24.729	ug/l 97
16) Acetone	2.45	43	35609	24.897	ug/l 96
17) Carbon Disulfide	2.57	76	21342	3.326	ug/l 100
18) Methyl Acetate	2.78	43	18284	5.113	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	35219	4.715	ug/l 99
20) Methylene Chloride	2.85	84	11237	4.582	ug/l 97
21) trans-1,2-Dichloroethene	3.16	96	9583	4.310	ug/l 91
22) Diisopropyl ether	3.85	45	42780	4.803	ug/l 95
23) Vinyl Acetate	3.81	43	176634	22.685	ug/l 99
24) 1,1-Dichloroethane	3.69	63	21377	4.792	ug/l 98
25) 2-Butanone	4.68	43	54888	24.045	ug/l 95
26) 2,2-Dichloropropane	4.58	77	15336	4.584	ug/l 99
27) cis-1,2-Dichloroethene	4.59	96	11817	4.663	ug/l 99
28) Bromochloromethane	5.01	49	10664	5.085	ug/l 98
29) Tetrahydrofuran	5.13	42	35824	23.470	ug/l 98
30) Chloroform	5.21	83	19512	4.885	ug/l 97
31) Cyclohexane	5.57	56	19107	4.379	ug/l 96
32) 1,1,1-Trichloroethane	5.49	97	15254	4.613	ug/l 98
36) 1,1-Dichloropropene	5.80	75	14043	4.318	ug/l 96
37) Ethyl Acetate	4.84	43	20179	4.820	ug/l # 91
38) Carbon Tetrachloride	5.78	117	12652	4.567	ug/l 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042919\
 Data File : VX009201.D
 Acq On : 29 Apr 2019 12:10
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 30 06:43:19 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)
39) Methylcyclohexane	7.46	83	16753	4.236	ug/l	97
40) Benzene	6.14	78	44518	4.624	ug/l	97
41) Methacrylonitrile	5.04	41	11947	4.946	ug/l	95
42) 1,2-Dichloroethane	6.19	62	15843	4.645	ug/l	99
43) Isopropyl Acetate	6.44	43	31801	4.696	ug/l	99
44) Trichloroethene	7.21	130	10674	4.531	ug/l	90
45) 1,2-Dichloropropane	7.51	63	12417	4.642	ug/l	98
46) Dibromomethane	7.66	93	7236	4.653	ug/l	99
47) Bromodichloromethane	7.90	83	14069	4.603	ug/l	97
48) Methyl methacrylate	7.77	41	15556	4.650	ug/l	98
49) 1,4-Dioxane	7.74	88	6980	109.114	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	108026	24.948	ug/l	99
52) Toluene	8.78	92	26800	4.635	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	15465	4.420	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	17025	4.330	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	11617	5.055	ug/l	93
56) Ethyl methacrylate	9.18	69	19049	4.629	ug/l	99
57) 1,3-Dichloropropane	9.37	76	19981	4.899	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	50621	22.773	ug/l	98
59) 2-Hexanone	9.49	43	85169	25.380	ug/l	99
60) Dibromochloromethane	9.58	129	10041	4.560	ug/l	96
61) 1,2-Dibromoethane	9.67	107	10818	4.580	ug/l	96
64) Tetrachloroethene	9.34	164	9720	4.588	ug/l	99
65) Chlorobenzene	10.13	112	28145	4.734	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	10129	4.839	ug/l	99
67) Ethyl Benzene	10.25	91	50793	4.679	ug/l	99
68) m/p-Xylenes	10.36	106	37125	9.383	ug/l	99
69) o-Xylene	10.69	106	18841	4.894	ug/l	99
70) Styrene	10.71	104	30988	4.634	ug/l	98
71) Bromoform	10.85	173	7223	4.323	ug/l #	96
73) Isopropylbenzene	11.02	105	48564	4.828	ug/l	99
74) N-amyl acetate	10.90	43	28128	4.845	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	19188	5.190	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	21791	6.709	ug/l	82
77) Bromobenzene	11.26	156	12197	4.804	ug/l	100
78) n-propylbenzene	11.36	91	54280	4.711	ug/l	99
79) 2-Chlorotoluene	11.42	91	35051	5.035	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	40993	4.853	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	5369	4.285	ug/l	91
82) 4-Chlorotoluene	11.51	91	37736	4.671	ug/l	99
83) tert-Butylbenzene	11.77	119	39741	4.885	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	40588	4.717	ug/l	99
85) sec-Butylbenzene	11.94	105	46948	4.849	ug/l	100
86) p-Isopropyltoluene	12.06	119	41976	4.719	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	21674	4.858	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	21878	4.835	ug/l	94
89) n-Butylbenzene	12.38	91	35298	4.286	ug/l	99
90) Hexachloroethane	12.59	117	6724	4.578	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	22155	5.004	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	4156	4.914	ug/l	93

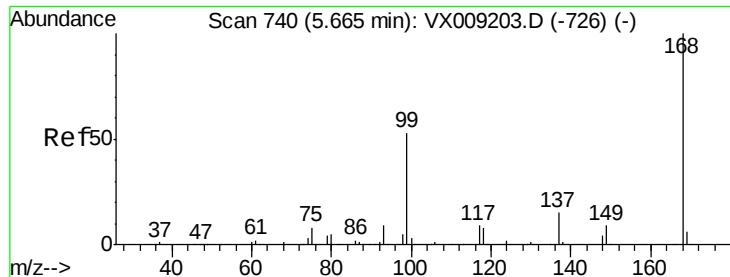
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042919\
Data File : VX009201.D
Acq On : 29 Apr 2019 12:10
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Apr 30 06:43:19 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)
93) 1,2,4-Trichlorobenzene	13.65	180	14231	4.476	ug/l	97
94) Hexachlorobutadiene	13.78	225	7616	4.801	ug/l	98
95) Naphthalene	13.83	128	45983	4.499	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	14587	4.629	ug/l	98

(#) = 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: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

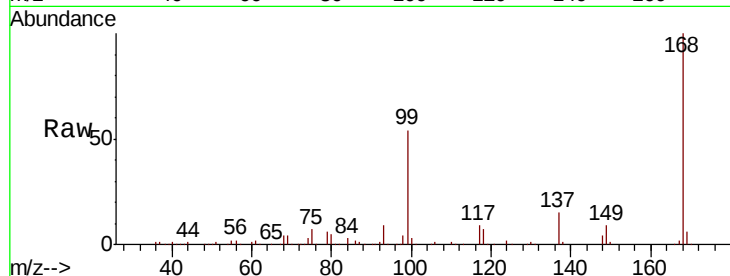
VSTDIC005

Tgt Ion:168 Resp: 196213

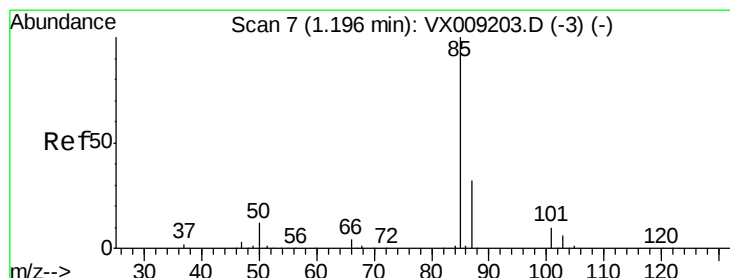
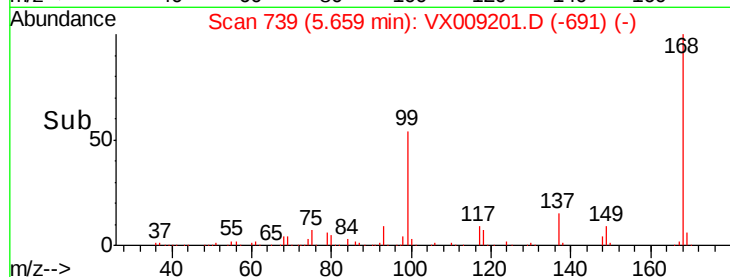
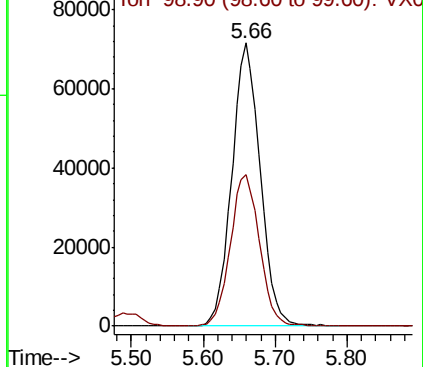
Ion Ratio Lower Upper

168 100

99 53.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009203.D (-726) (-)



#2

Dichlorodifluoromethane

Concen: 3.781 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009201.D

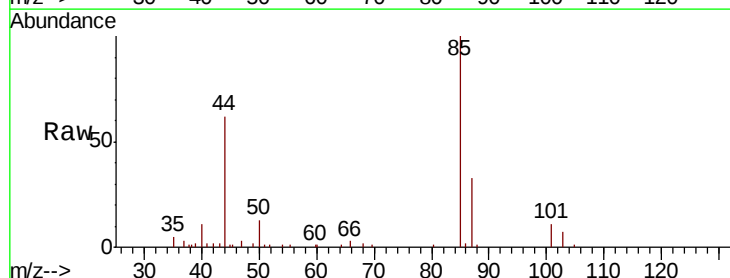
Acq: 29 Apr 2019 12:10

Tgt Ion: 85 Resp: 8228

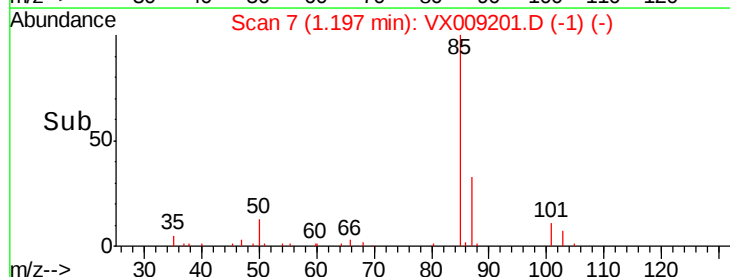
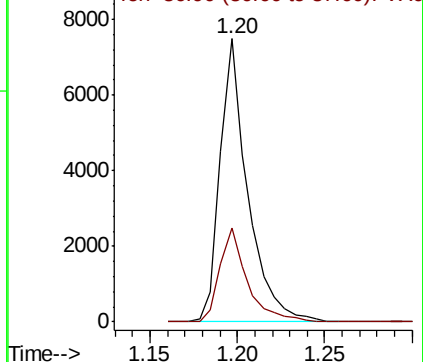
Ion Ratio Lower Upper

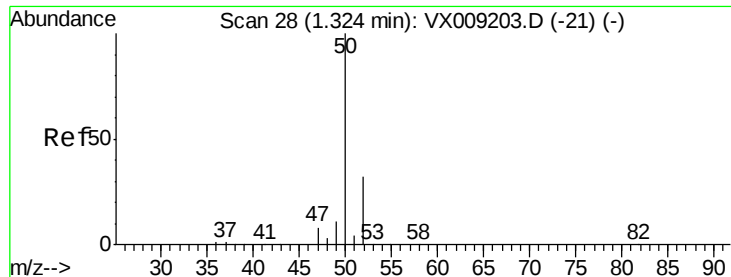
85 100

87 33.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX009203.D (-3) (-)





#3

Chloromethane

Concen: 4.209 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

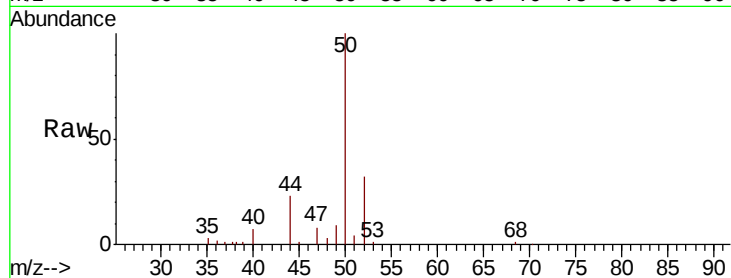
VSTDIC005

Tgt Ion: 50 Resp: 11537

Ion Ratio Lower Upper

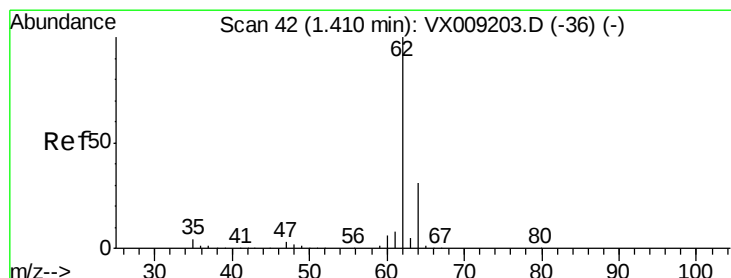
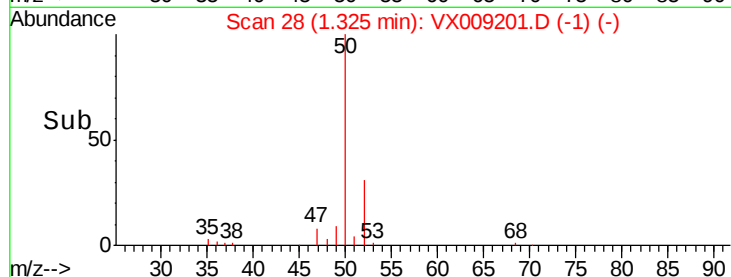
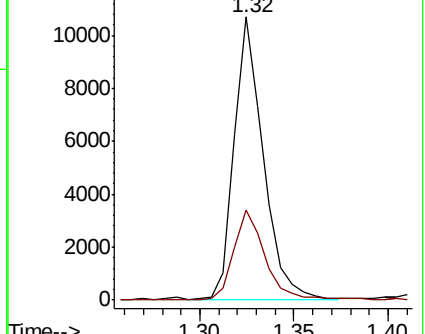
50 100

52 31.8 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: 4.296 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009201.D

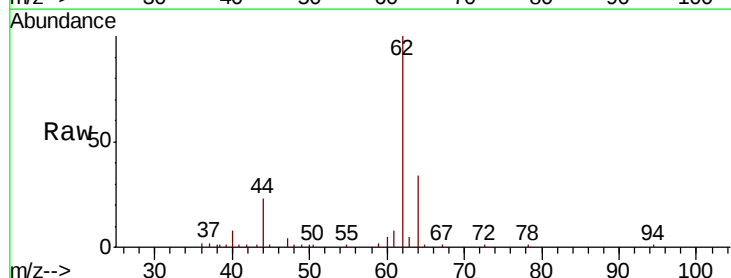
Acq: 29 Apr 2019 12:10

Tgt Ion: 62 Resp: 11430

Ion Ratio Lower Upper

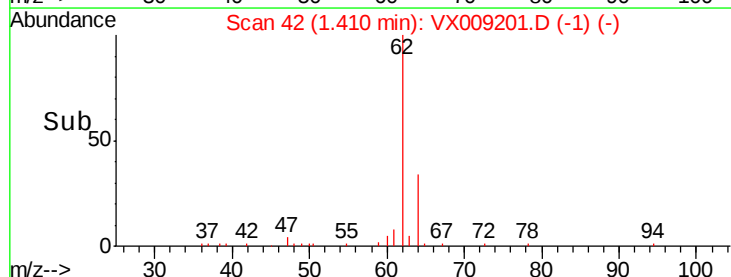
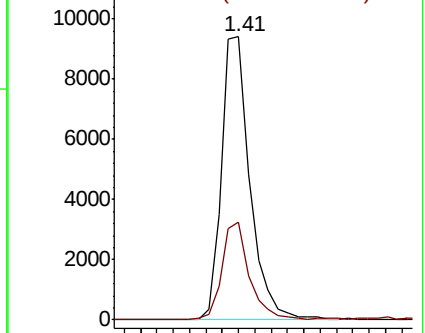
62 100

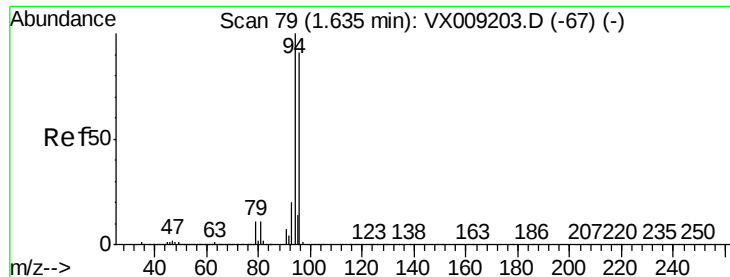
64 34.5 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 4.132 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

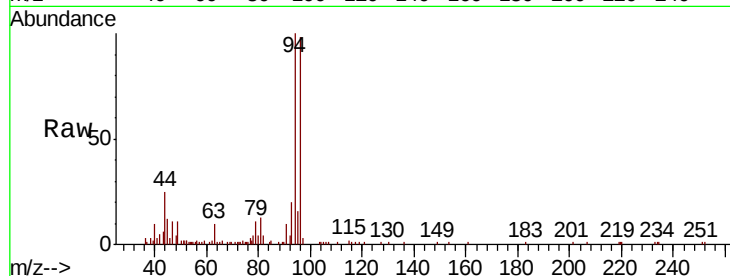
VSTDIC005

Tgt Ion: 94 Resp: 7166

Ion Ratio Lower Upper

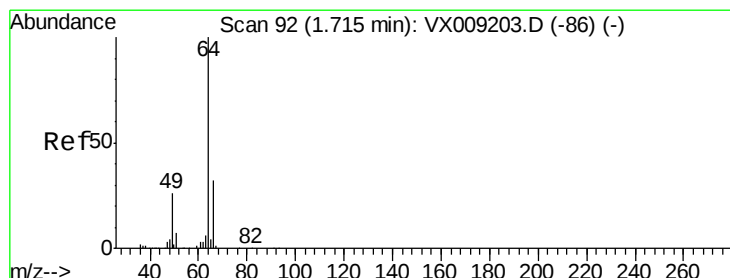
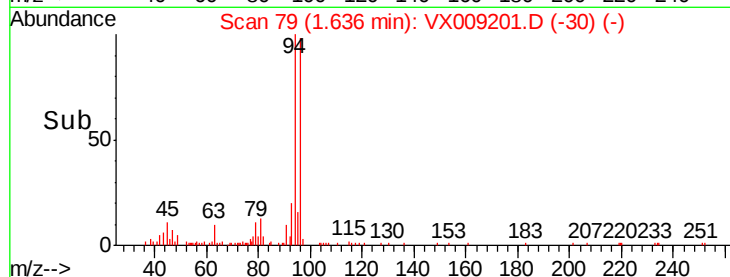
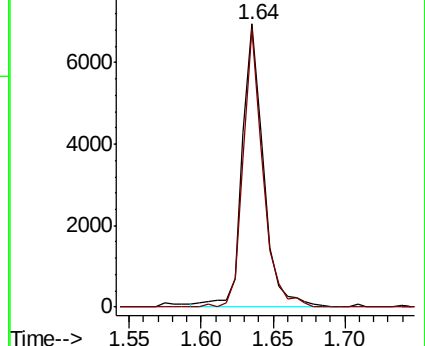
94 100

96 98.4 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 4.640 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009201.D

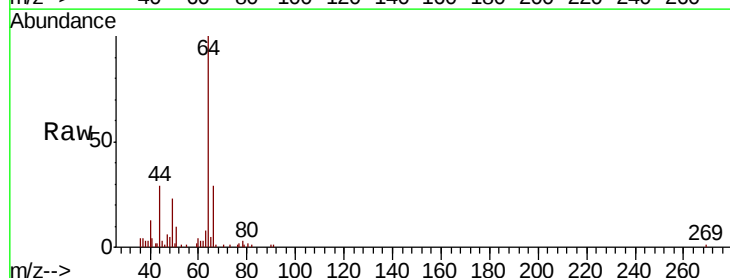
Acq: 29 Apr 2019 12:10

Tgt Ion: 64 Resp: 7327

Ion Ratio Lower Upper

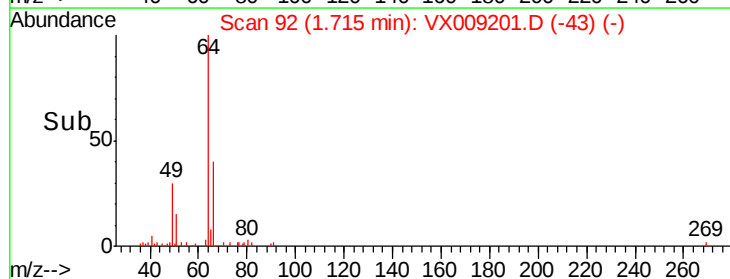
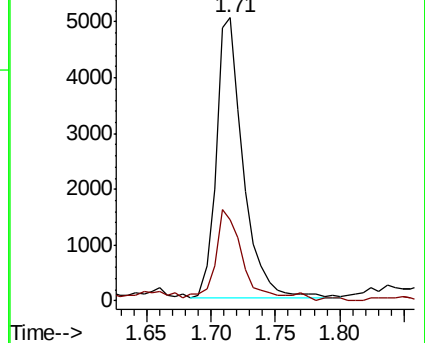
64 100

66 27.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



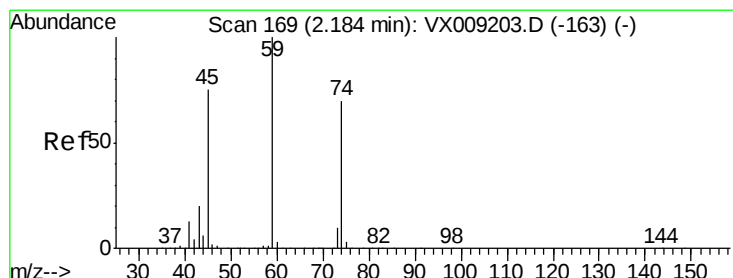
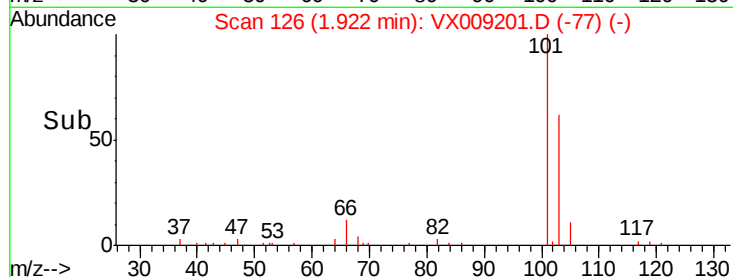
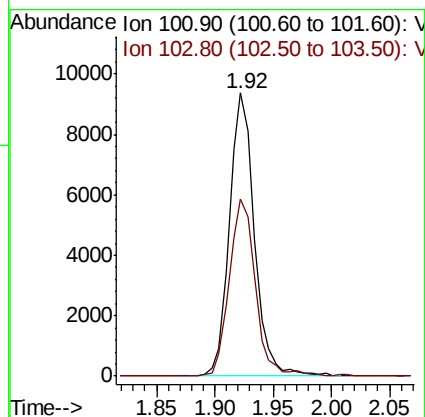
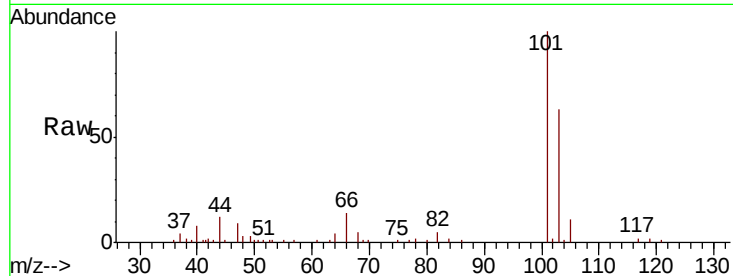


#7

Trichlorofluoromethane
 Concen: 4.476 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

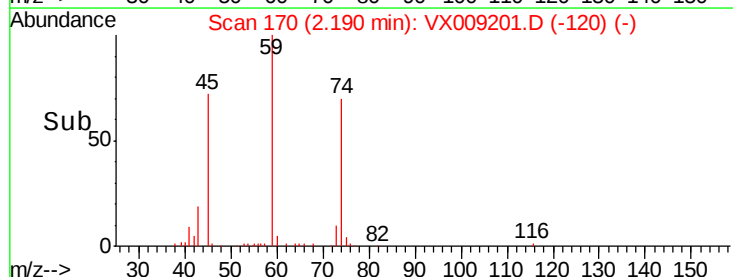
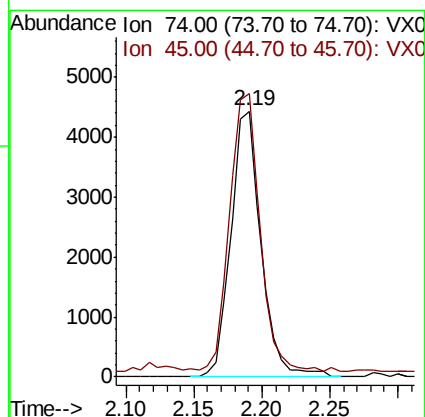
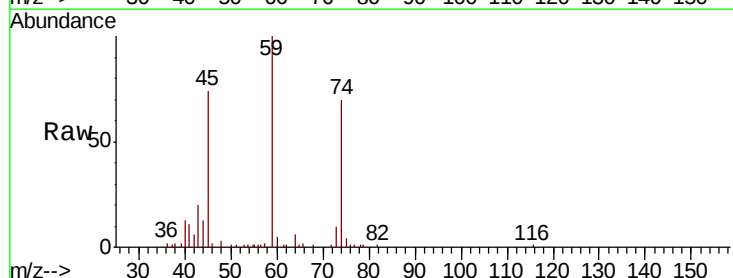
Tgt Ion: 101 Resp: 13991
 Ion Ratio Lower Upper
 101 100
 103 62.7 52.4 78.6

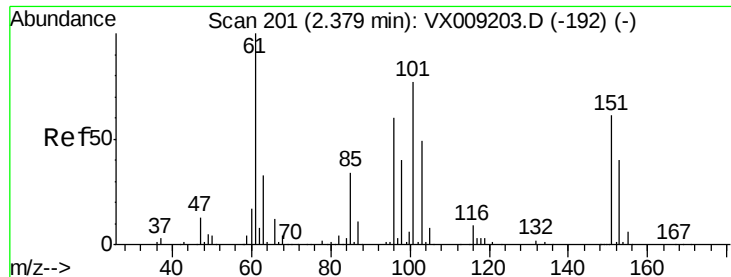


#8

Diethyl Ether
 Concen: 4.749 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

Tgt Ion: 74 Resp: 6830
 Ion Ratio Lower Upper
 74 100
 45 106.0 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.555 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

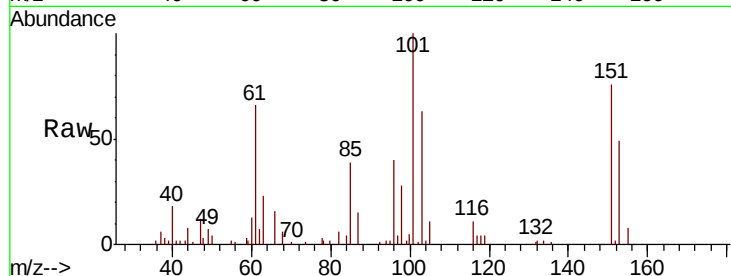
Tgt Ion:101 Resp: 9121

Ion Ratio Lower Upper

101 100

85 47.2 35.7 53.5

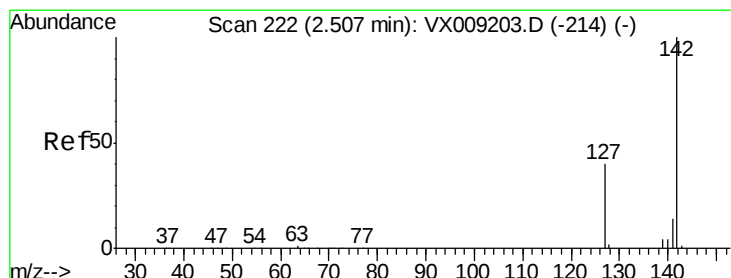
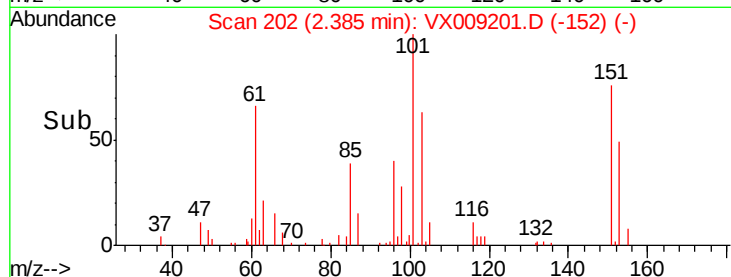
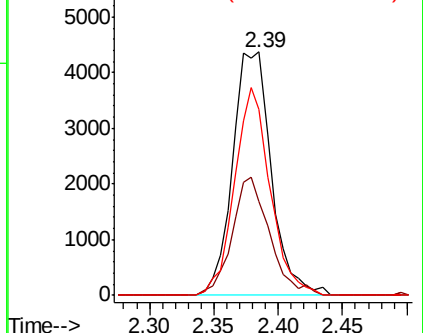
151 78.4 62.2 93.2



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: 3.083 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

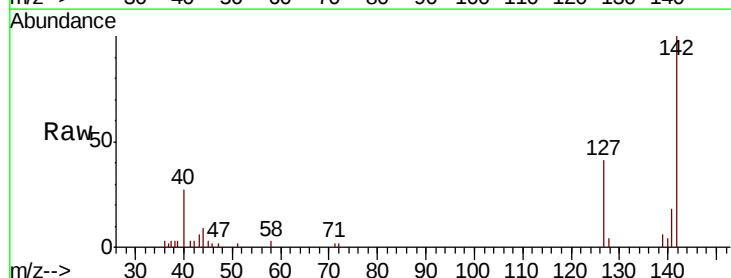
Tgt Ion:142 Resp: 6111

Ion Ratio Lower Upper

142 100

127 40.6 32.7 49.1

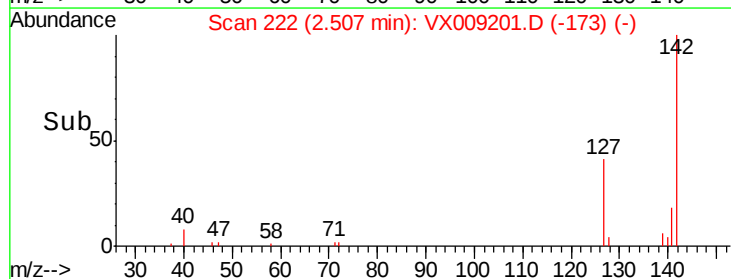
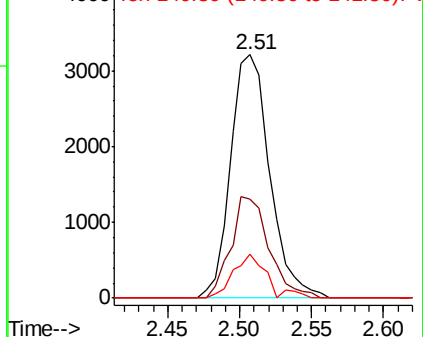
141 15.7 11.5 17.3

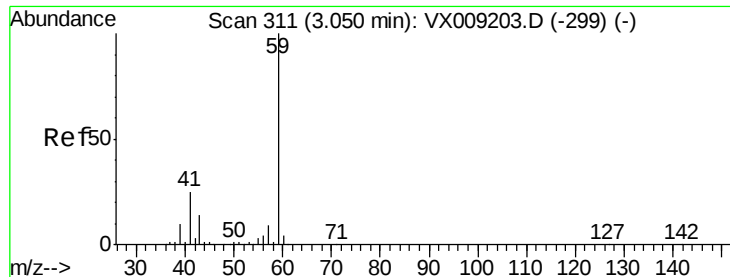


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

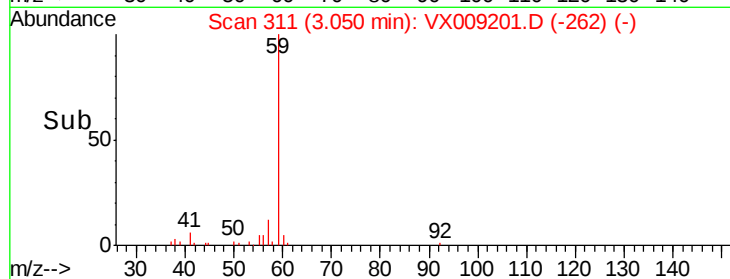
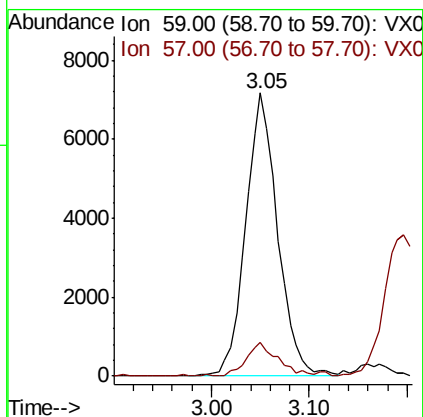
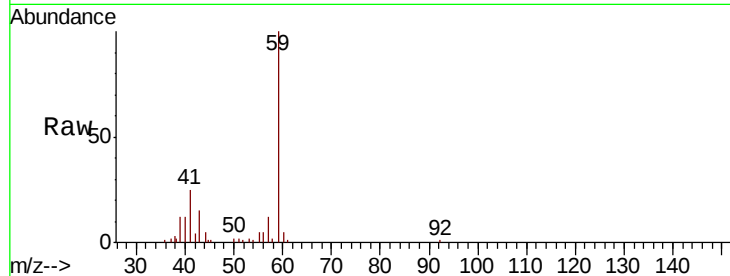




#11
Tert butyl alcohol
Concen: 26.270 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

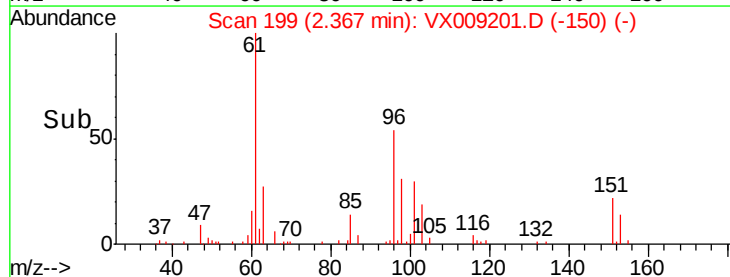
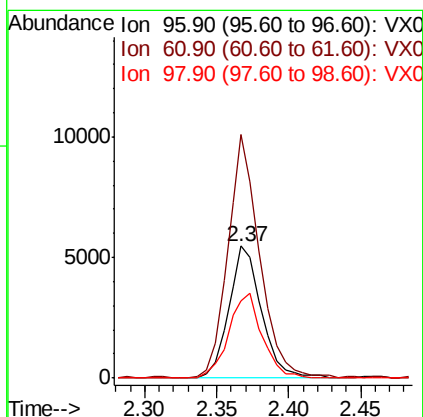
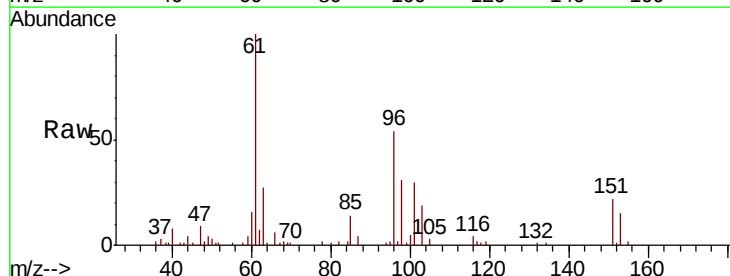
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

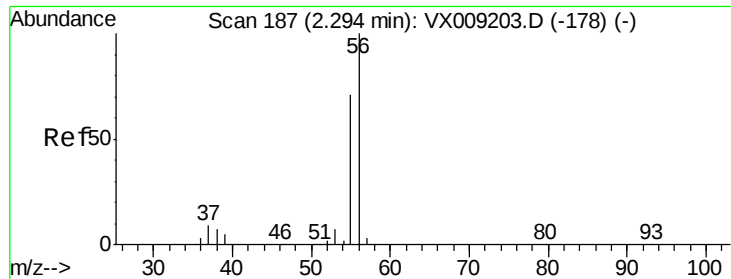
Tgt Ion: 59 Resp: 16227
Ion Ratio Lower Upper
59 100
57 11.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 4.160 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

Tgt Ion: 96 Resp: 8663
Ion Ratio Lower Upper
96 100
61 184.4 144.3 216.5
98 58.0 50.3 75.5





#13

Acrolein

Concen: 27.556 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

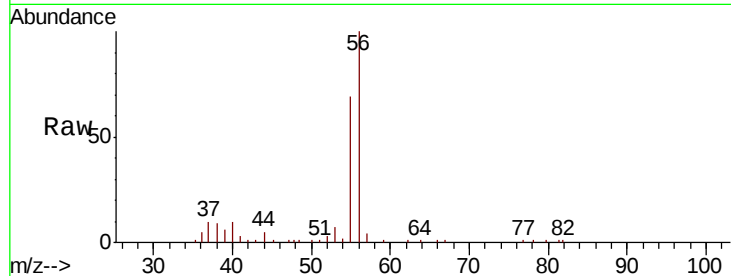
VSTDIC005

Tgt Ion: 56 Resp: 14662

Ion Ratio Lower Upper

56 100

55 71.7 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

10000

8000

6000

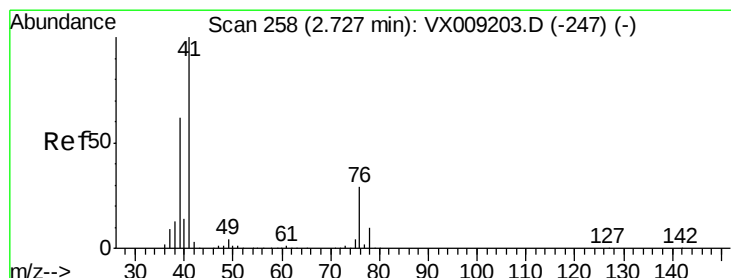
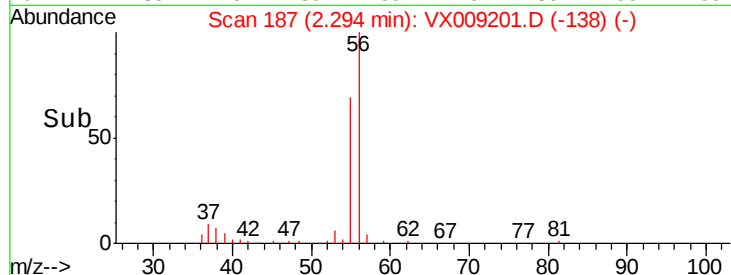
4000

2000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 4.629 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

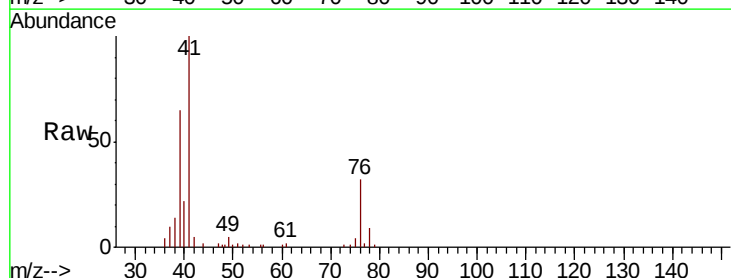
Tgt Ion: 41 Resp: 21130

Ion Ratio Lower Upper

41 100

39 59.5 46.7 70.1

76 27.3 21.8 32.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

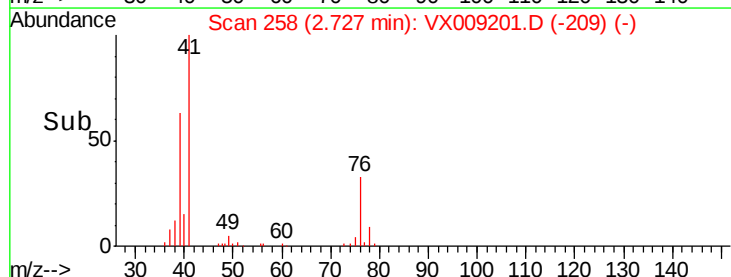
10000

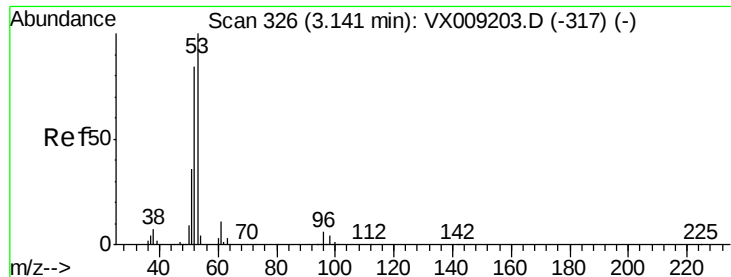
5000

0

Time-->

2.65 2.70 2.75 2.80





#15

Acrylonitrile

Concen: 24.729 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

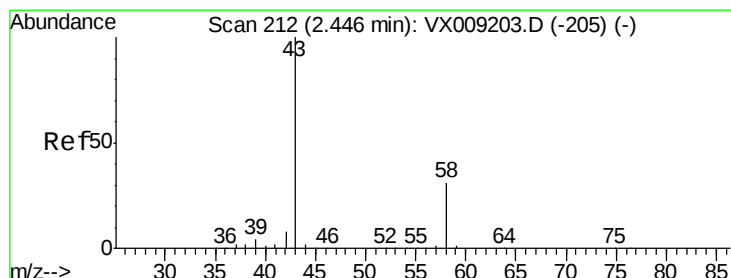
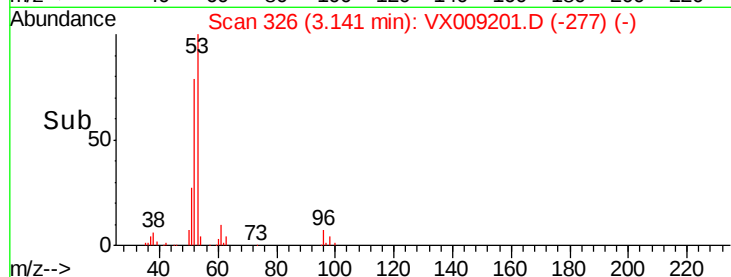
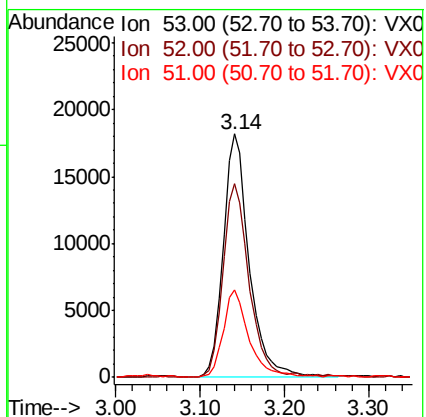
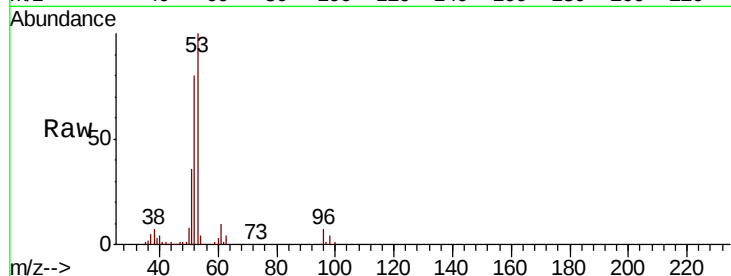
Tgt Ion: 53 Resp: 38355

Ion Ratio Lower Upper

53 100

52 80.7 66.9 100.3

51 36.1 28.2 42.2



#16

Acetone

Concen: 24.897 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009201.D

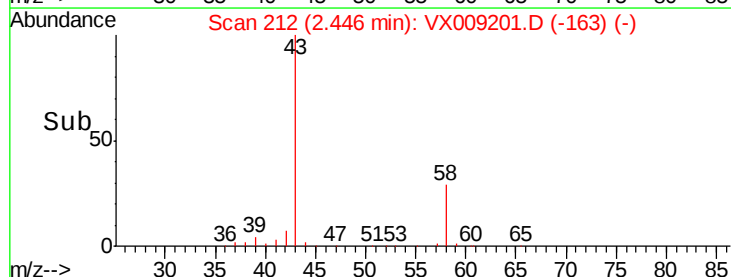
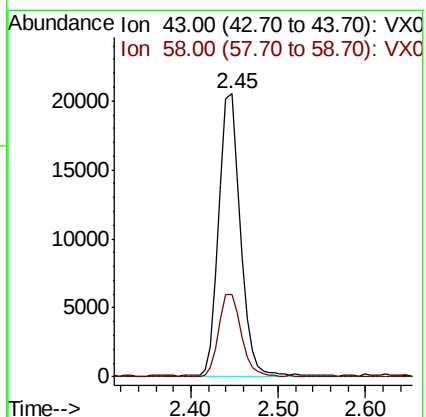
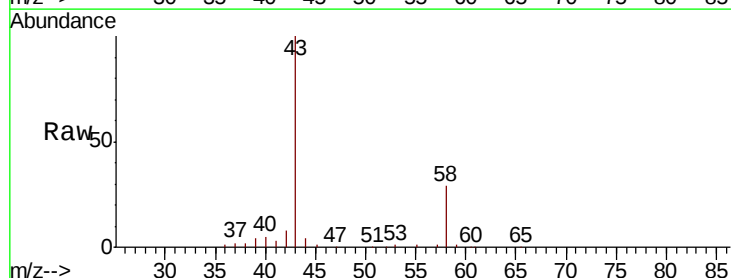
Acq: 29 Apr 2019 12:10

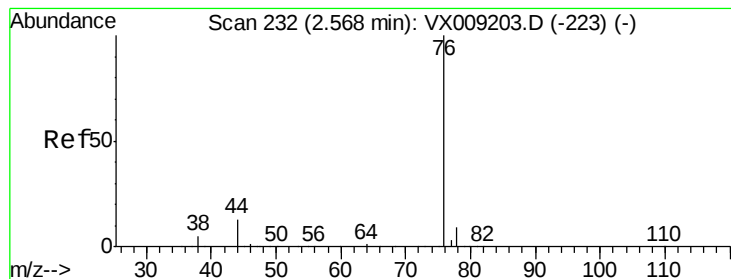
Tgt Ion: 43 Resp: 35609

Ion Ratio Lower Upper

43 100

58 29.2 24.9 37.3





#17

Carbon Disulfide

Concen: 3.326 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

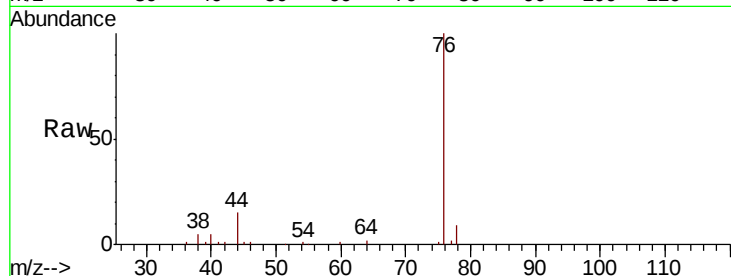
VSTDIC005

Tgt Ion: 76 Resp: 21342

Ion Ratio Lower Upper

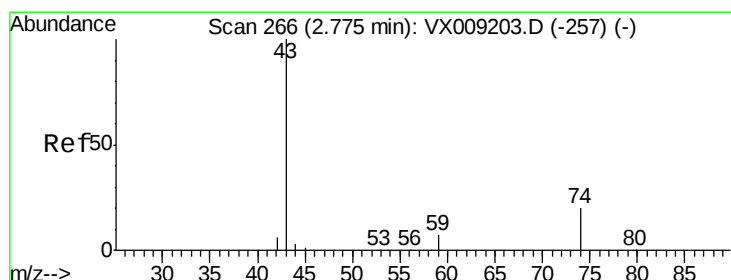
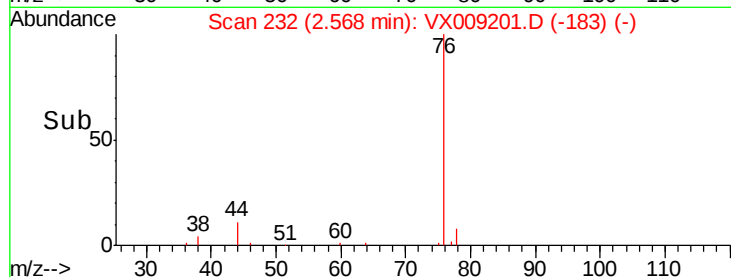
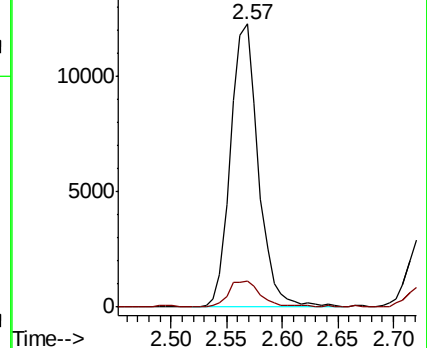
76 100

78 9.3 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: 5.113 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009201.D

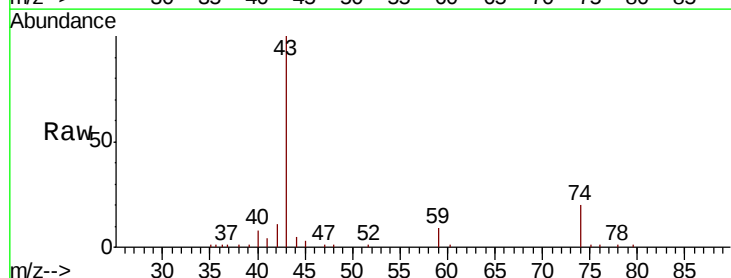
Acq: 29 Apr 2019 12:10

Tgt Ion: 43 Resp: 18284

Ion Ratio Lower Upper

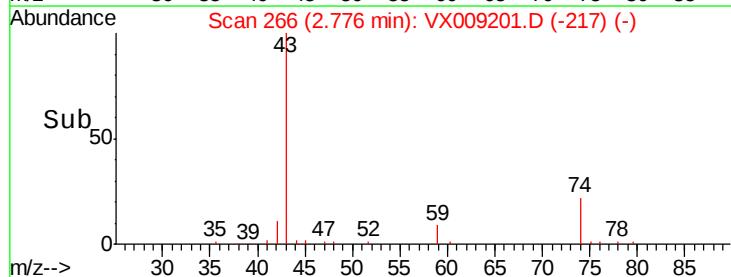
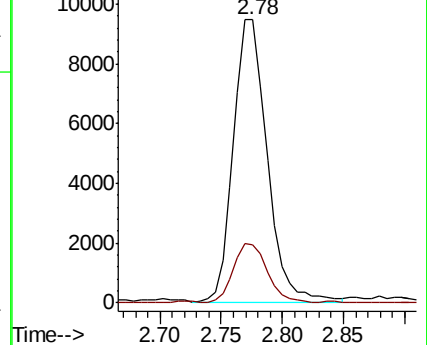
43 100

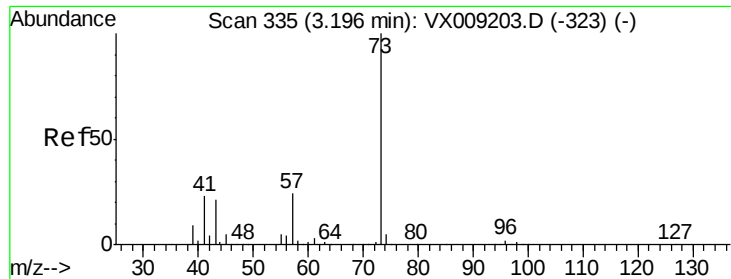
74 20.7 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

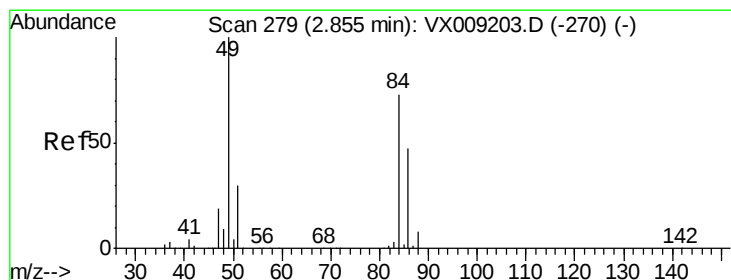
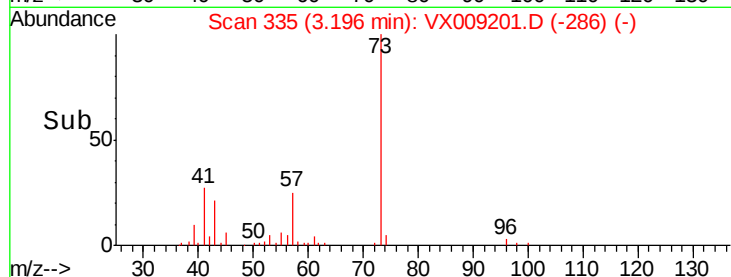
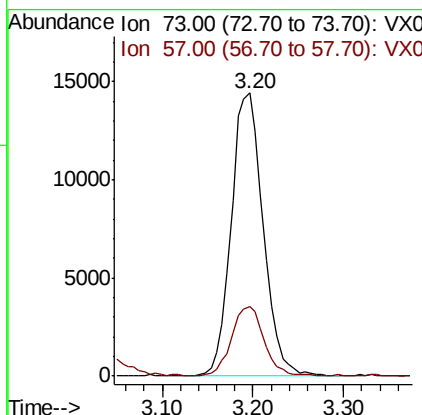
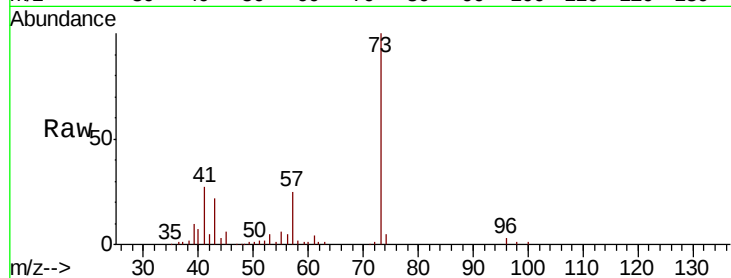




#19
Methyl tert-butyl Ether
Concen: 4.715 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

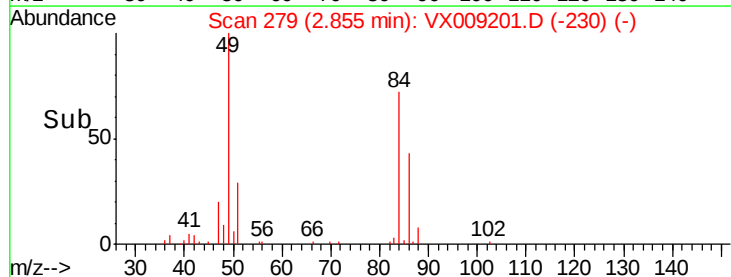
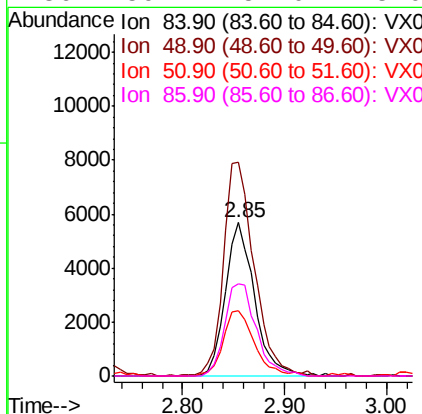
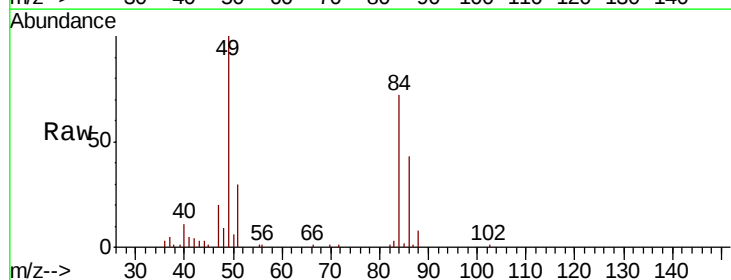
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

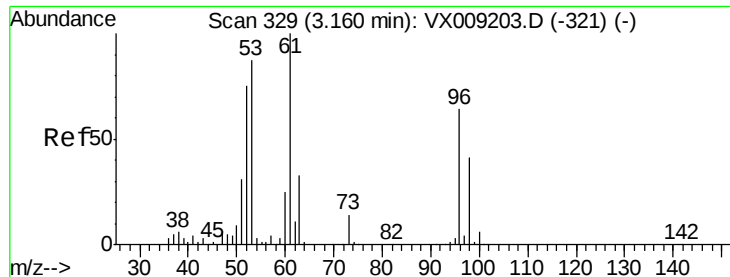
Tgt Ion: 73 Resp: 35219
Ion Ratio Lower Upper
73 100
57 24.8 19.3 28.9



#20
Methylene Chloride
Concen: 4.582 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

Tgt Ion: 84 Resp: 11237
Ion Ratio Lower Upper
84 100
49 138.3 109.9 164.9
51 42.3 32.7 49.1
86 59.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 4.310 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

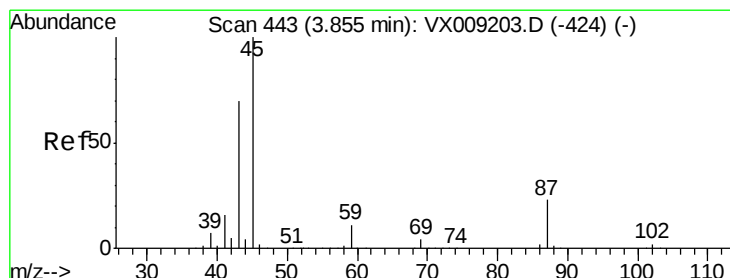
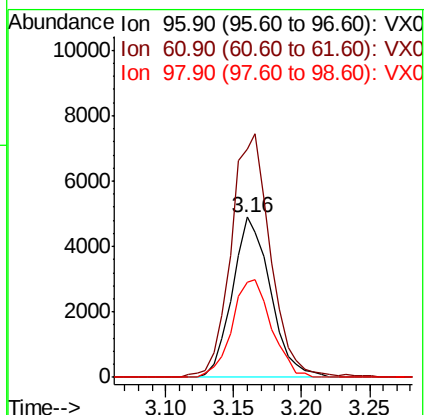
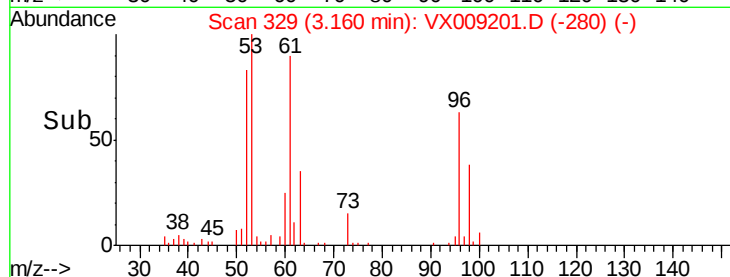
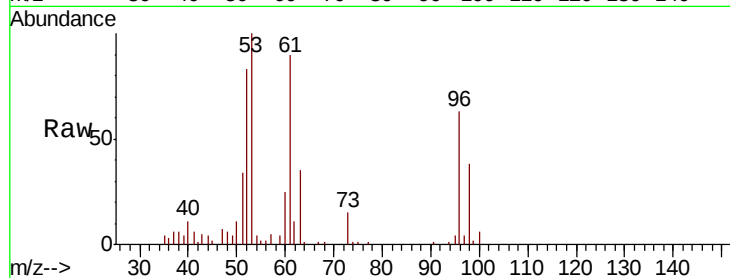
Tgt Ion: 96 Resp: 9583

Ion Ratio Lower Upper

96 100

61 141.2 124.5 186.7

98 59.7 50.4 75.6



#22

Diisopropyl ether

Concen: 4.803 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Tgt Ion: 45 Resp: 42780

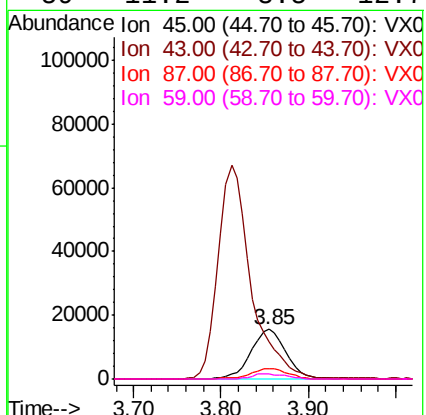
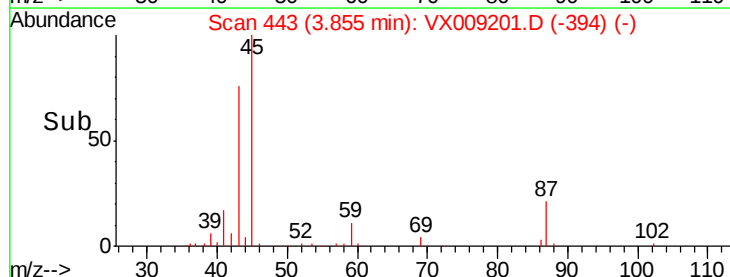
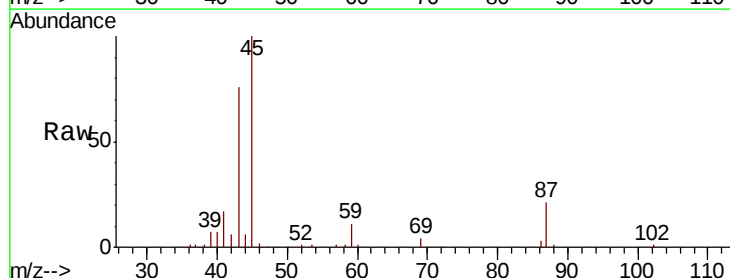
Ion Ratio Lower Upper

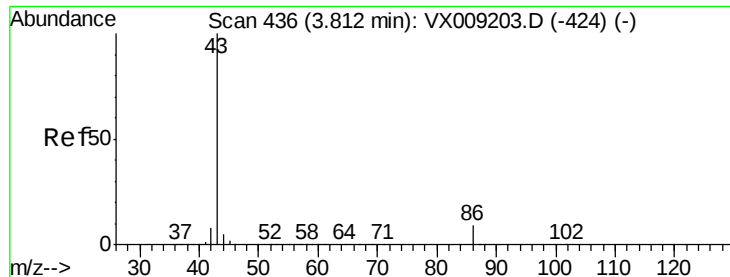
45 100

43 74.5 56.1 84.1

87 20.8 18.1 27.1

59 11.2 8.5 12.7





#23

Vinyl Acetate

Concen: 22.685 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

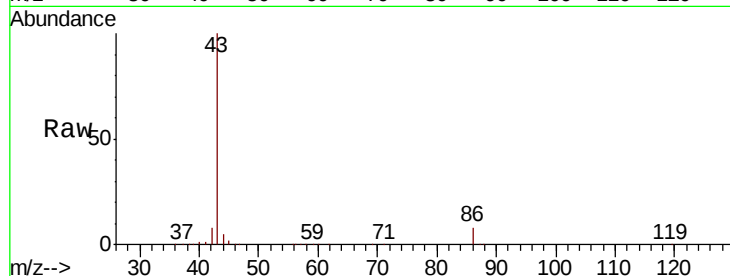
VSTDIC005

Tgt Ion: 43 Resp: 176634

Ion Ratio Lower Upper

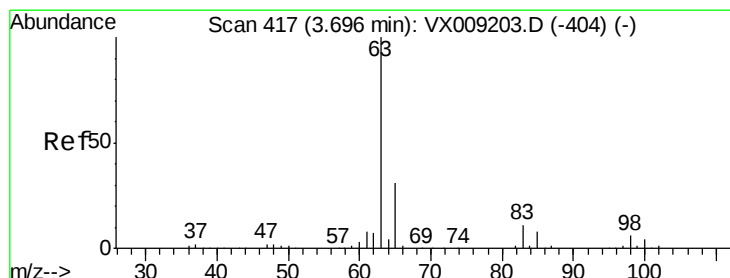
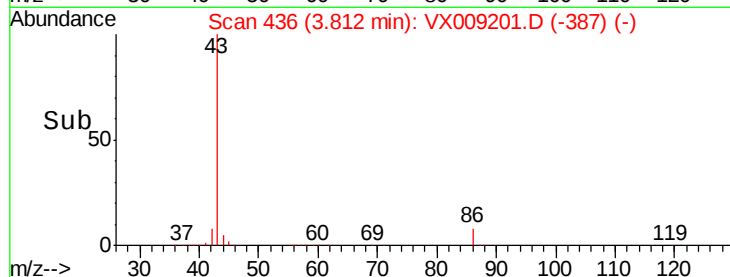
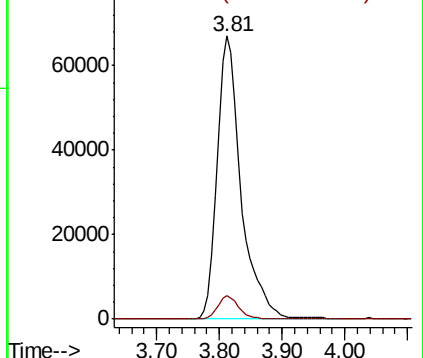
43 100

86 8.3 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX009201.D (-387) (-)

Ion 86.00 (85.70 to 86.70): VX009201.D (-387) (-)



#24

1,1-Dichloroethane

Concen: 4.792 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

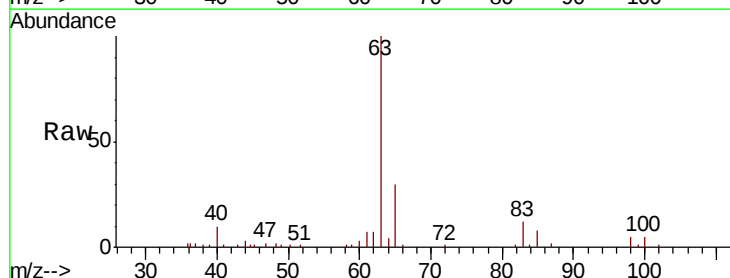
Tgt Ion: 63 Resp: 21377

Ion Ratio Lower Upper

63 100

98 5.4 3.0 9.2

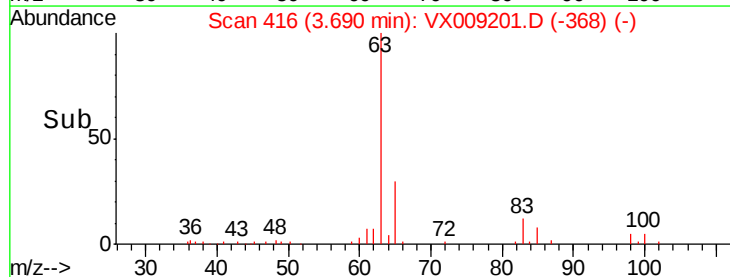
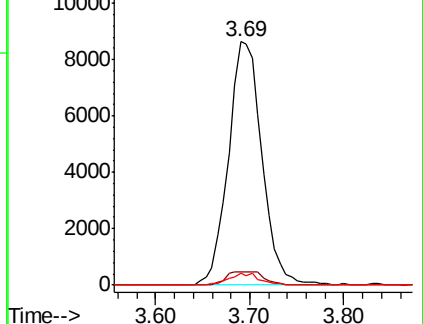
100 4.9 2.0 6.0

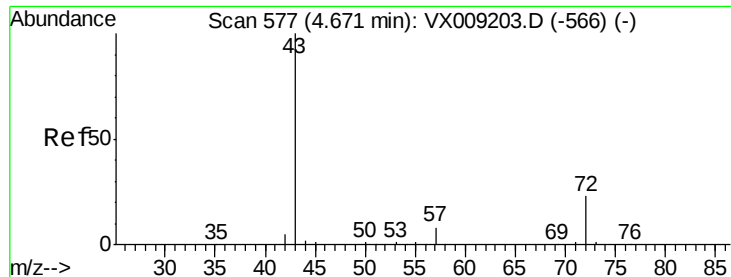


Abundance Ion 62.90 (62.60 to 63.60): VX009201.D (-368) (-)

Ion 97.90 (97.60 to 98.60): VX009201.D (-368) (-)

Ion 99.90 (99.60 to 100.60): VX009201.D (-368) (-)





#25

2-Butanone

Concen: 24.045 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

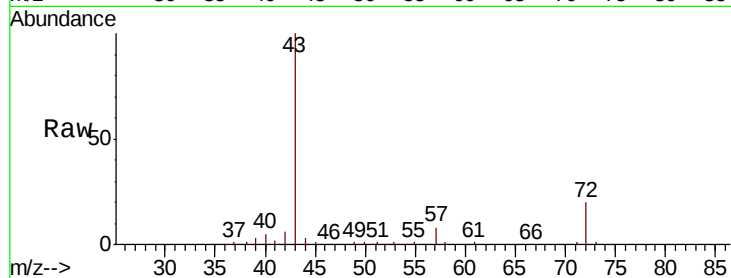
VSTDIC005

Tgt Ion: 43 Resp: 54888

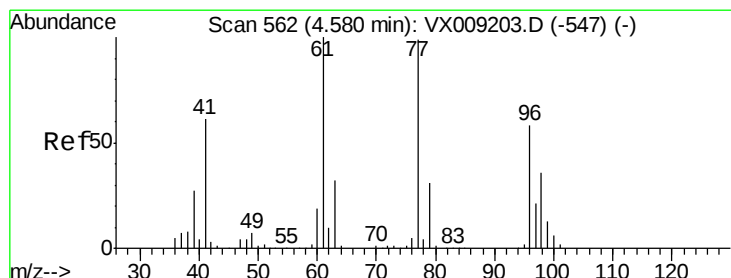
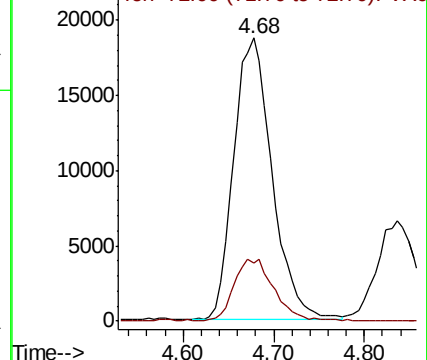
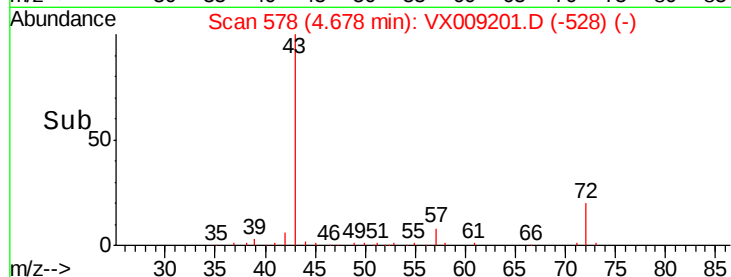
Ion Ratio Lower Upper

43 100

72 20.5 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX009201.D (-528) (-)



#26

2,2-Dichloropropane

Concen: 4.584 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009201.D

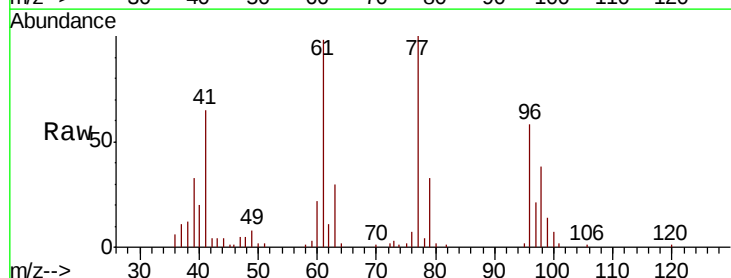
Acq: 29 Apr 2019 12:10

Tgt Ion: 77 Resp: 15336

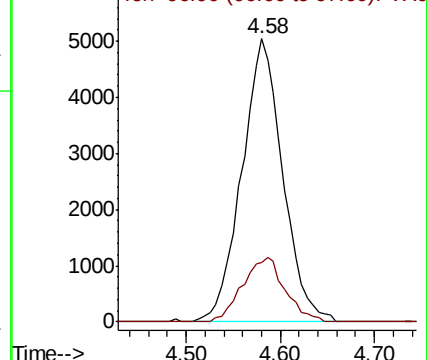
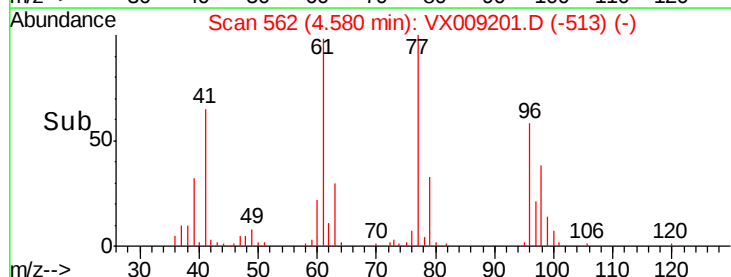
Ion Ratio Lower Upper

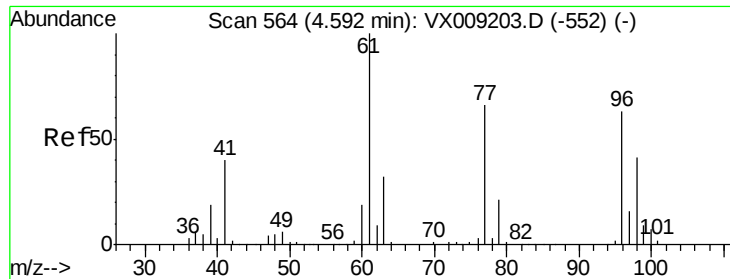
77 100

97 23.5 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX009201.D (-513) (-)

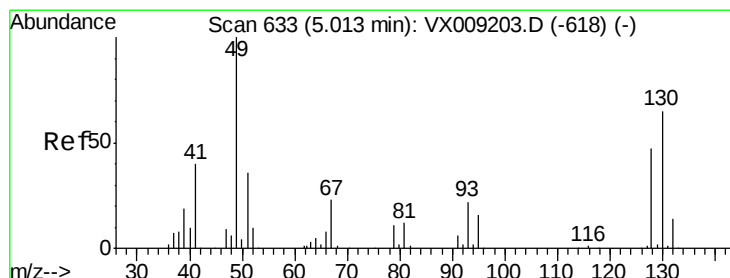
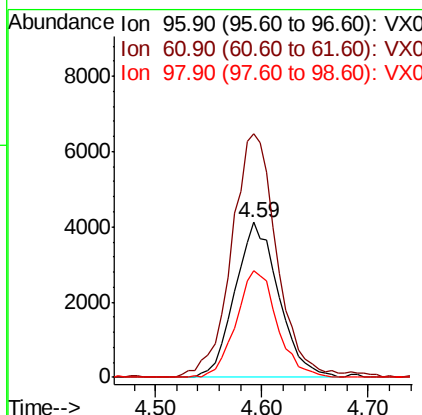
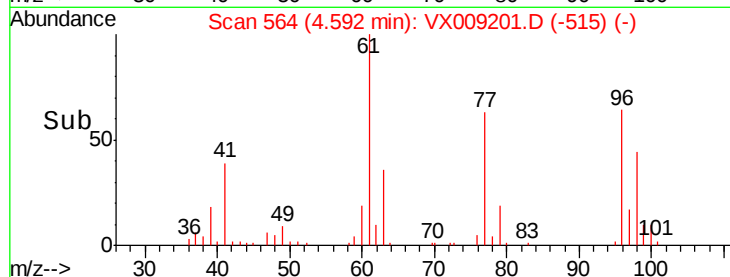
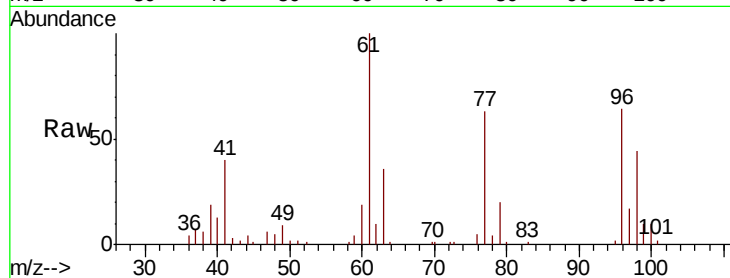




#27
 cis-1,2-Dichloroethene
 Concen: 4.663 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

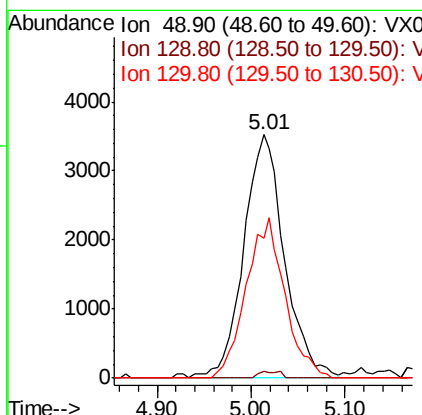
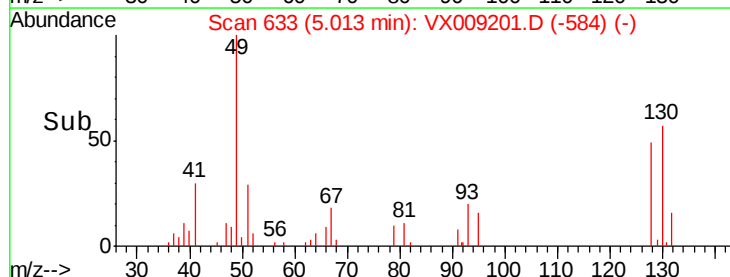
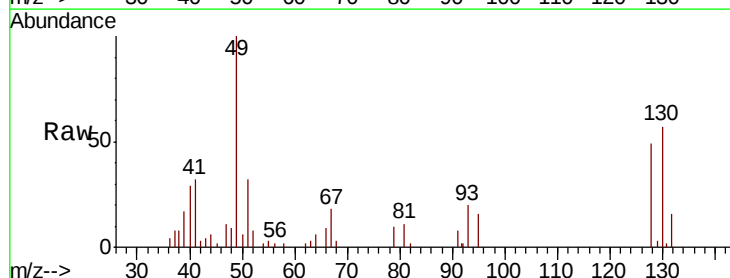
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

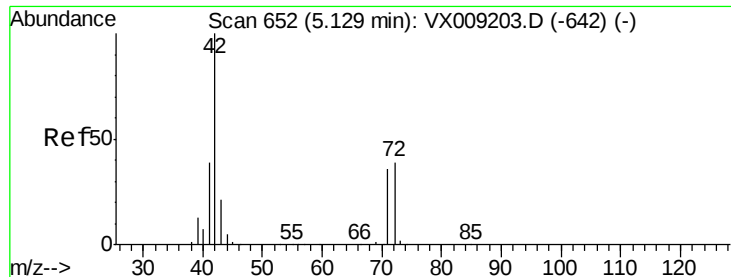
Tgt Ion: 96 Resp: 11817
 Ion Ratio Lower Upper
 96 100
 61 163.1 0.0 324.0
 98 64.6 0.0 130.4



#28
 Bromochloromethane
 Concen: 5.085 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

Tgt Ion: 49 Resp: 10664
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.8
 130 62.5 51.2 76.8

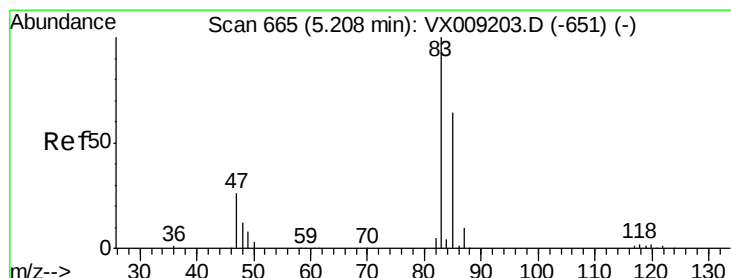
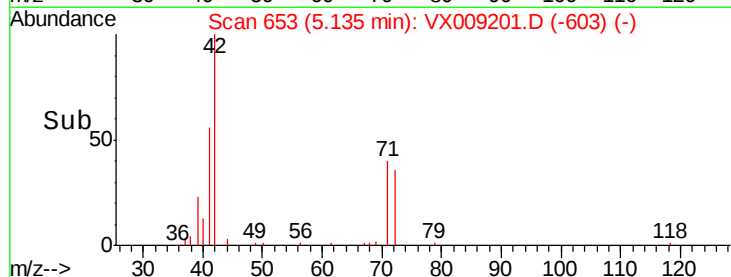
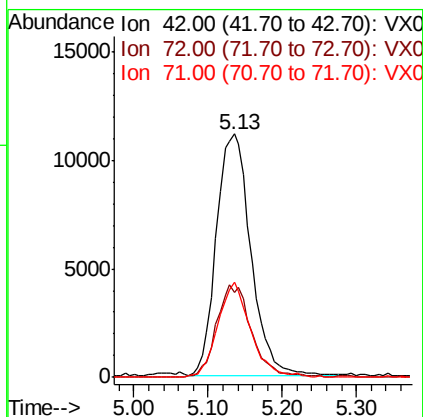
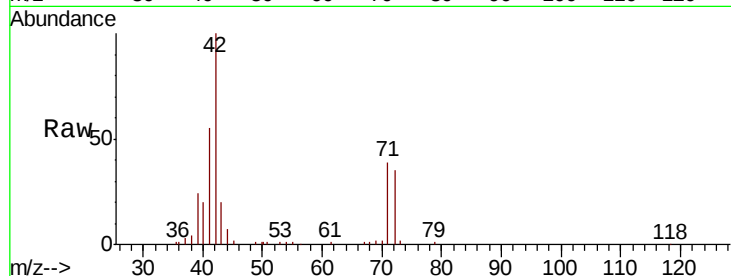




#29
Tetrahydrofuran
Concen: 23.470 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

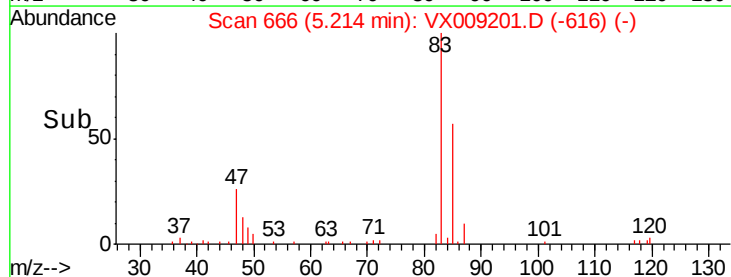
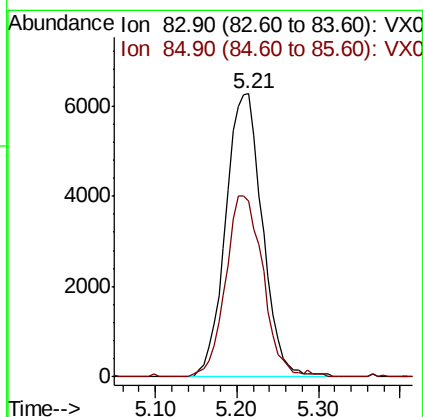
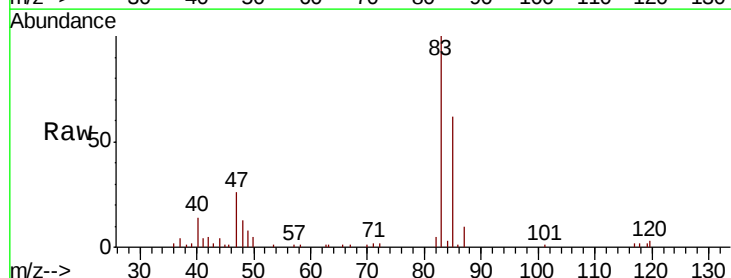
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

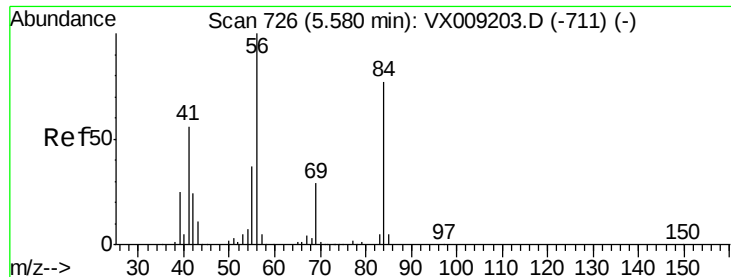
Tgt Ion: 42 Resp: 35824
Ion Ratio Lower Upper
42 100
72 39.0 30.4 45.6
71 37.5 28.6 43.0



#30
Chloroform
Concen: 4.885 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

Tgt Ion: 83 Resp: 19512
Ion Ratio Lower Upper
83 100
85 62.1 51.5 77.3

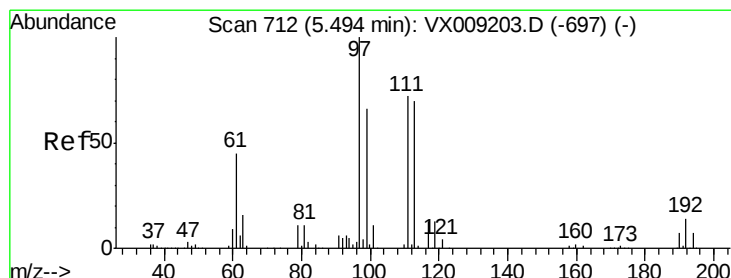
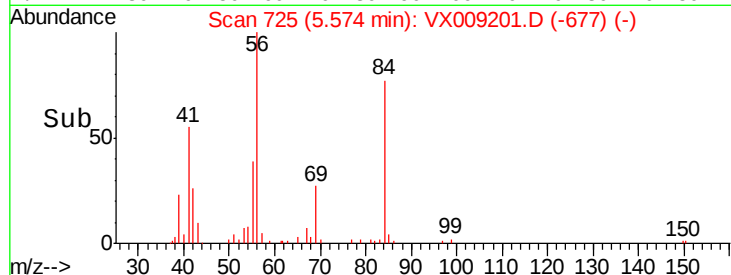
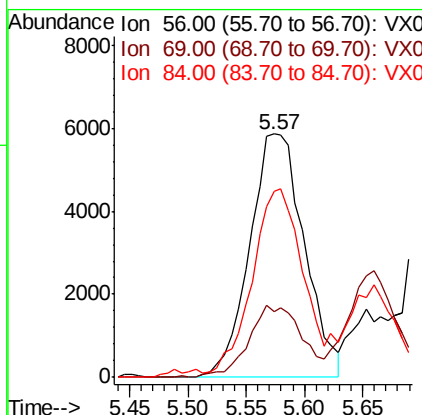
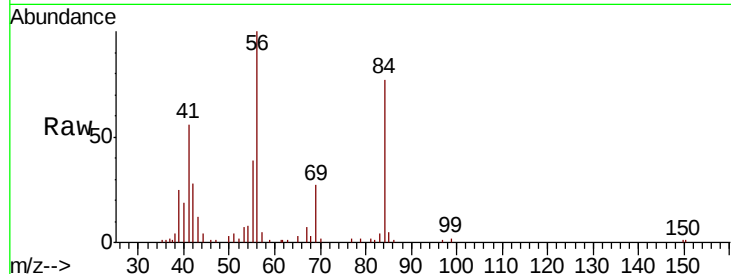




#31
Cyclohexane
Concen: 4.379 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

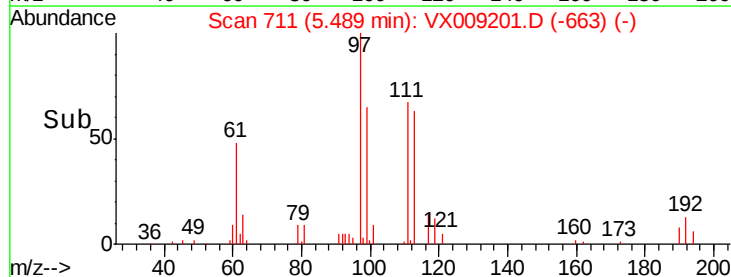
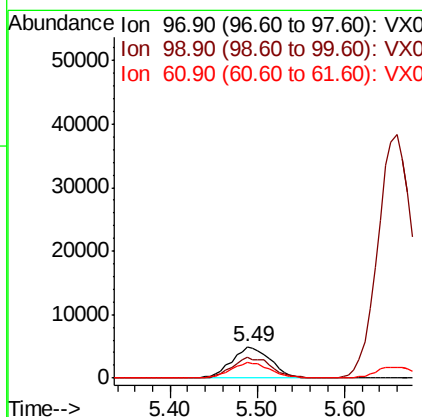
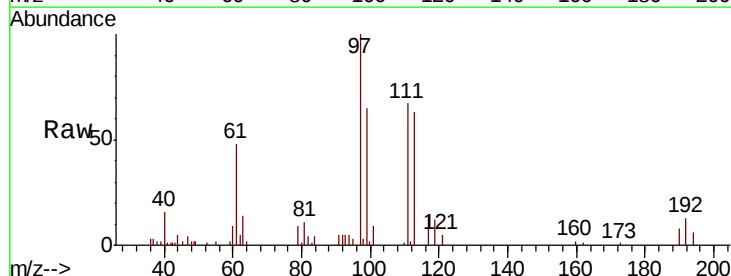
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Resp	Lower	Upper
56	19107		
69	27.2	23.4	35.0
84	74.2	61.9	92.9



#32
1,1,1-Trichloroethane
Concen: 4.613 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

Tgt Ion	Resp	Lower	Upper
97	15254		
99	66.4	51.8	77.8
61	48.7	37.8	56.8





#33

1,2-Dichloroethane-d4

Concen: 5.204 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

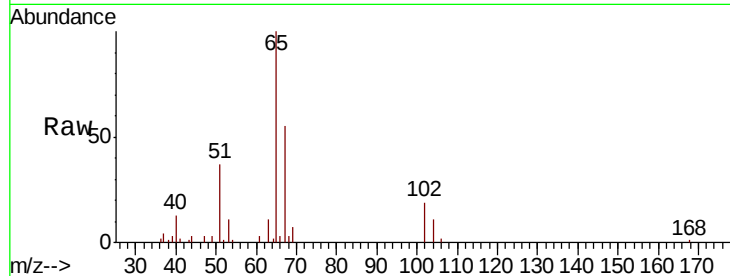
VSTDIC005

Tgt Ion: 65 Resp: 14466

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

6000

5000

4000

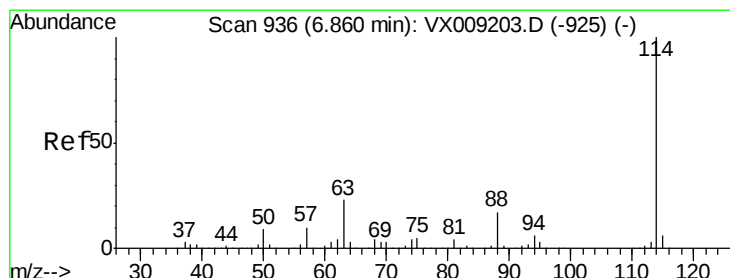
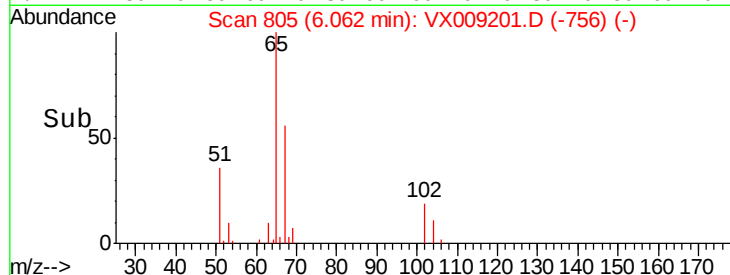
3000

2000

1000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

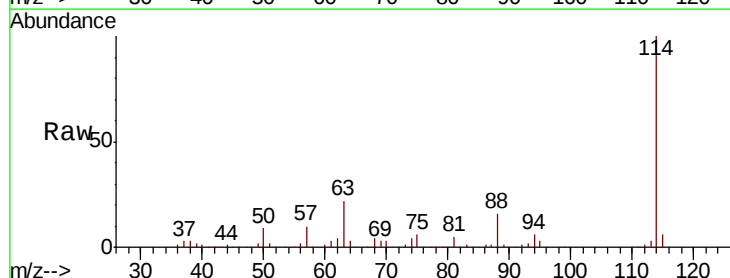
Tgt Ion: 114 Resp: 317418

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

88 15.9 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

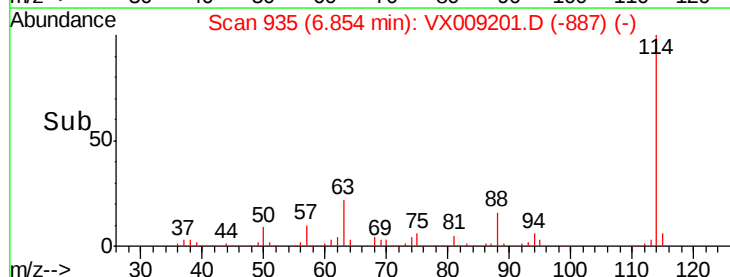
150000

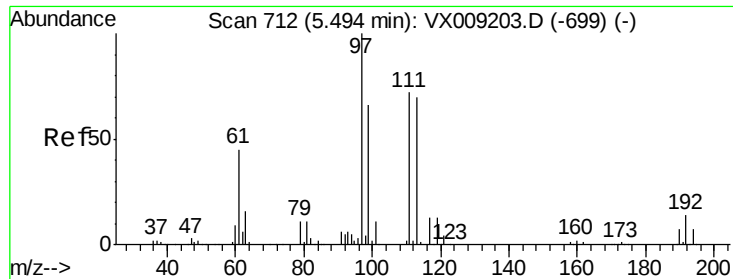
100000

50000

0

Time-->

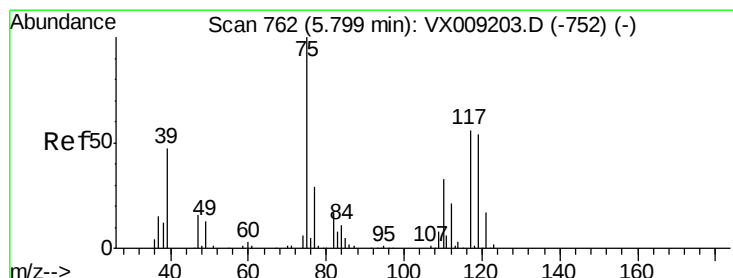
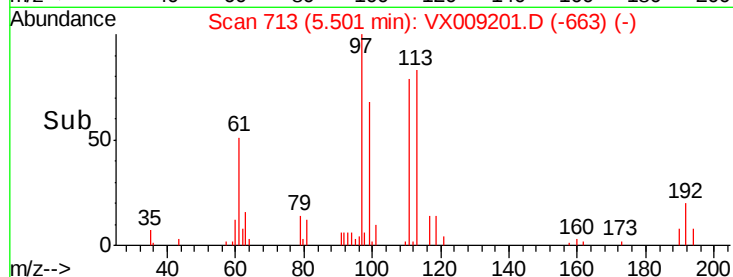
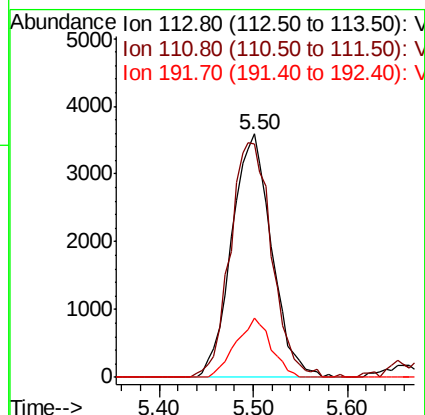
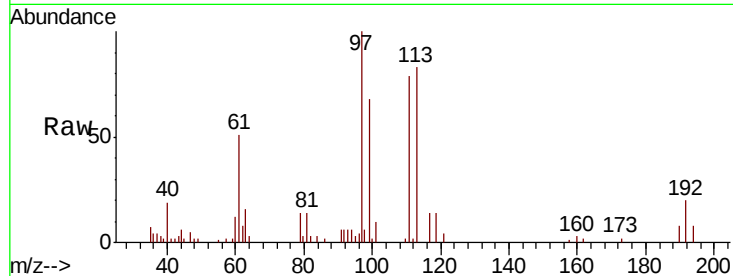




#35
 Dibromofluoromethane
 Concen: 5.174 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

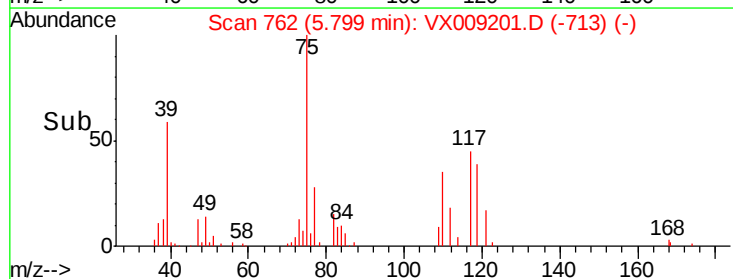
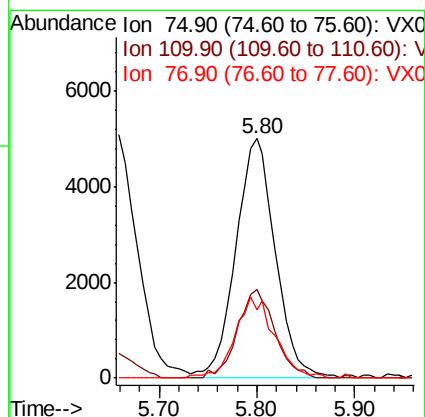
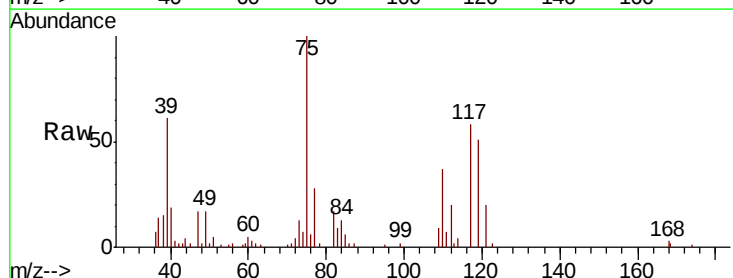
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

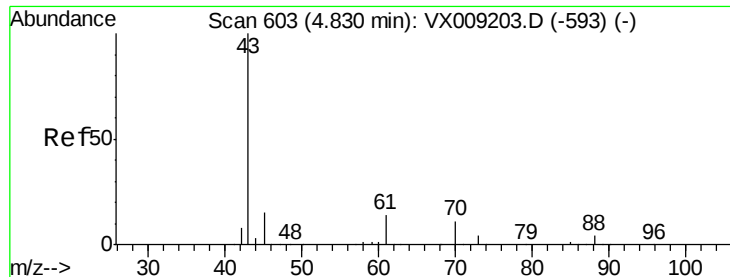
Tgt Ion: 113 Resp: 10580
 Ion Ratio Lower Upper
 113 100
 111 100.1 82.8 124.2
 192 21.4 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 4.318 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

Tgt Ion: 75 Resp: 14043
 Ion Ratio Lower Upper
 75 100
 110 35.0 16.9 50.6
 77 33.9 24.8 37.2





#37

Ethyl Acetate

Concen: 4.820 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

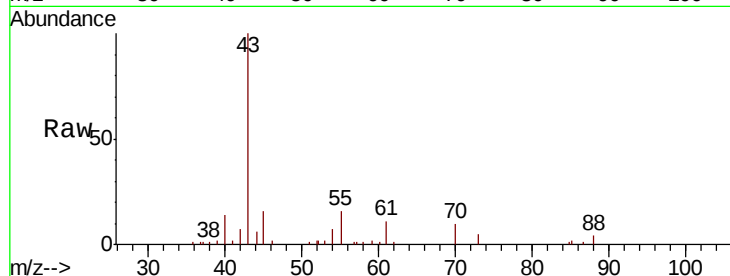
Tgt Ion: 43 Resp: 20179

Ion Ratio Lower Upper

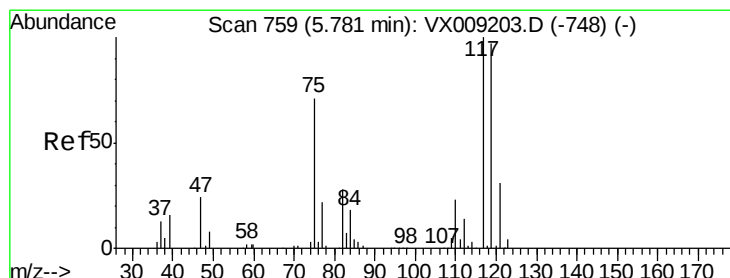
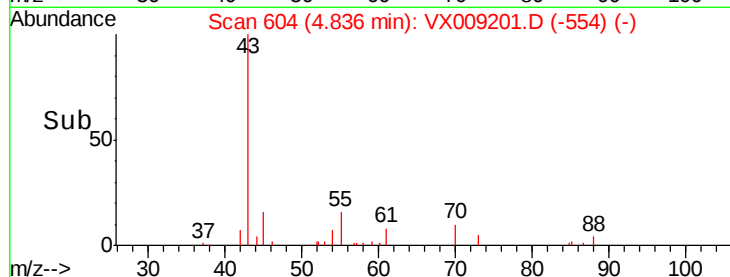
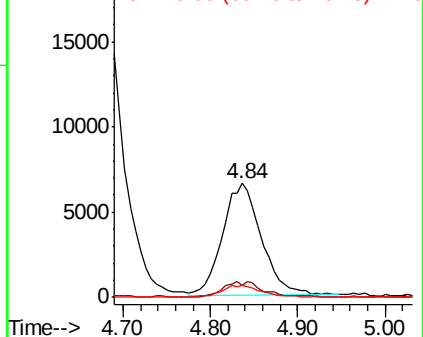
43 100

61 7.4 10.5 15.7#

70 10.8 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: 4.567 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

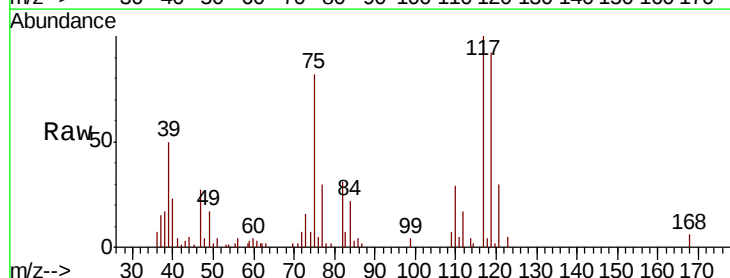
Tgt Ion: 117 Resp: 12652

Ion Ratio Lower Upper

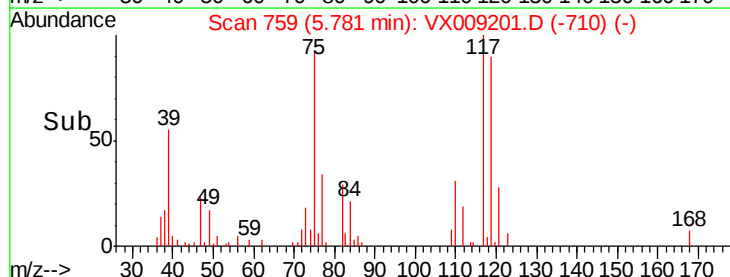
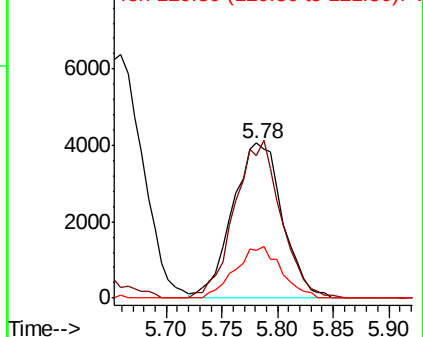
117 100

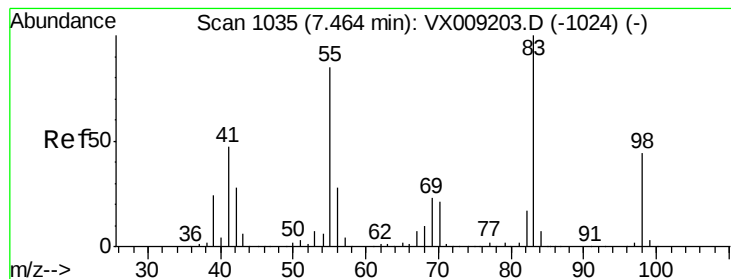
119 92.2 77.5 116.3

121 30.5 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: 4.236 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

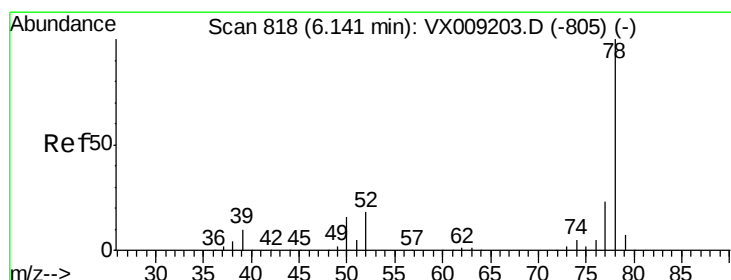
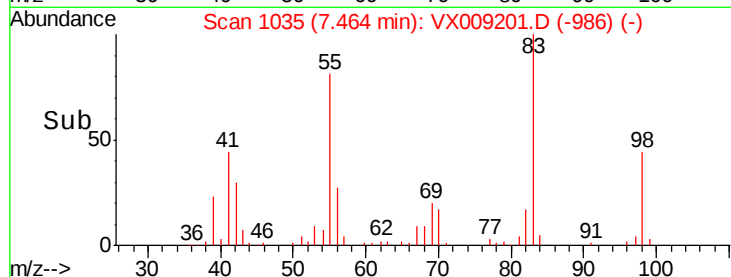
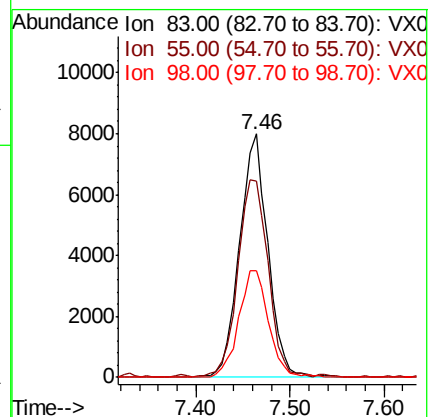
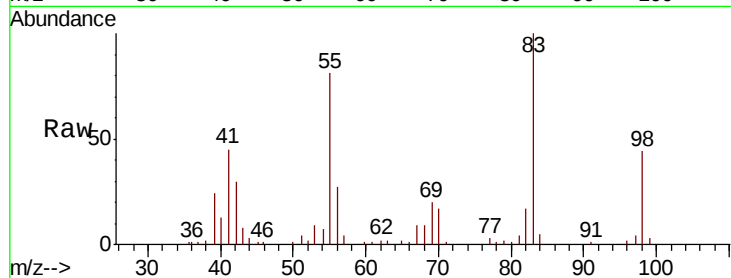
Tgt Ion: 83 Resp: 16753

Ion Ratio Lower Upper

83 100

55 80.8 67.7 101.5

98 44.0 35.5 53.3



#40

Benzene

Concen: 4.624 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX009201.D

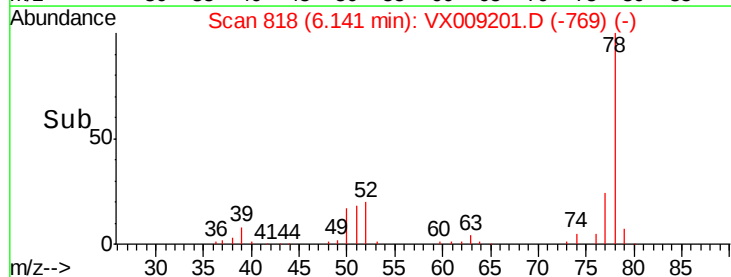
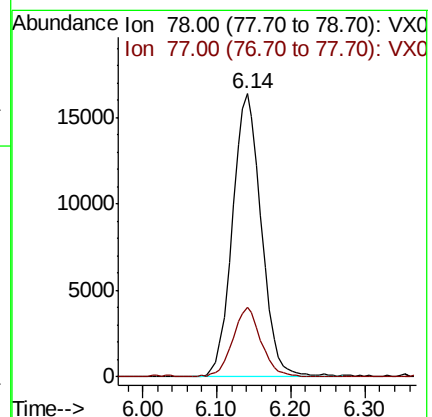
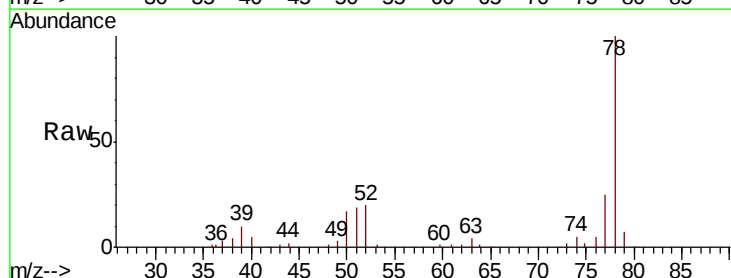
Acq: 29 Apr 2019 12:10

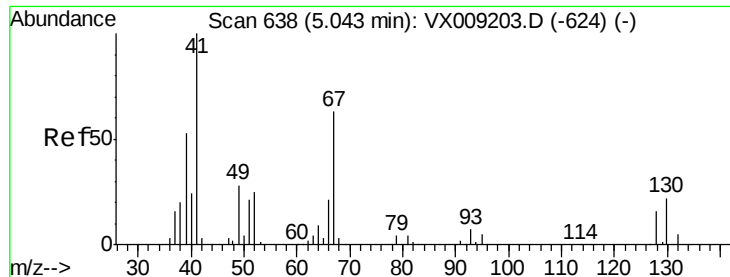
Tgt Ion: 78 Resp: 44518

Ion Ratio Lower Upper

78 100

77 24.8 18.8 28.2





#41

Methacrylonitrile

Concen: 4.946 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 11947

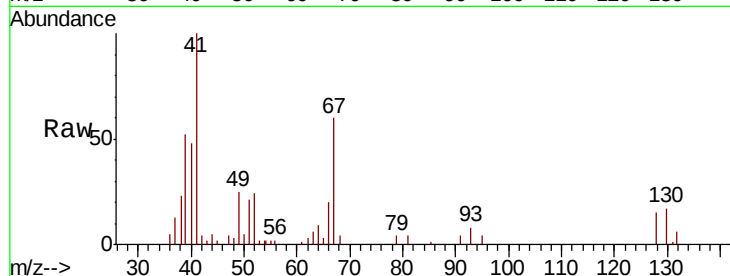
Ion Ratio Lower Upper

41 100

39 50.8 42.0 63.0

67 66.6 49.8 74.8

52 29.2 20.3 30.5

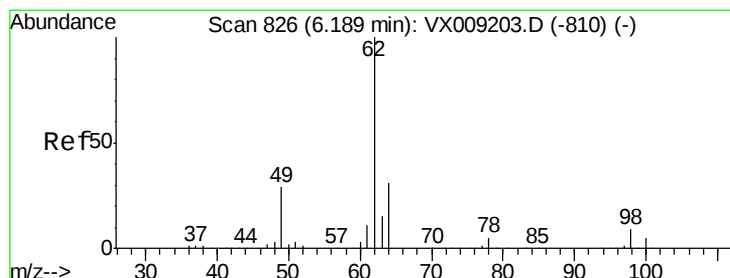
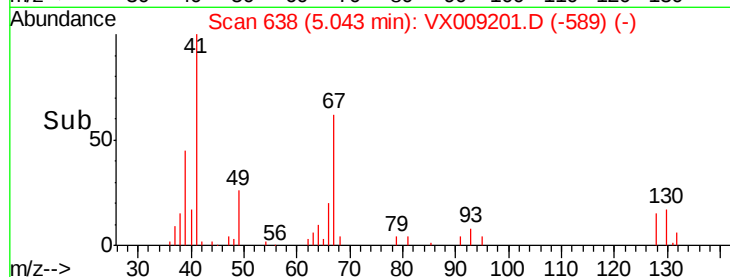
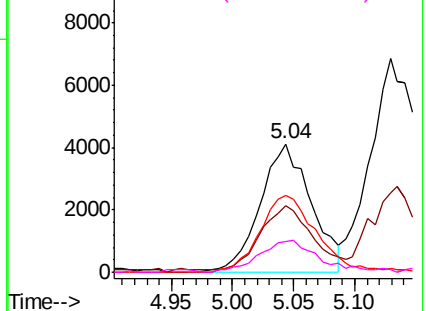


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 4.645 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009201.D

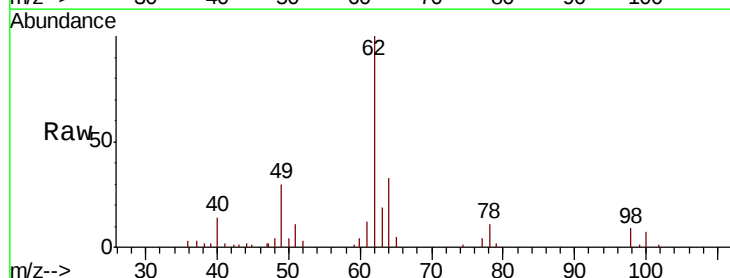
Acq: 29 Apr 2019 12:10

Tgt Ion: 62 Resp: 15843

Ion Ratio Lower Upper

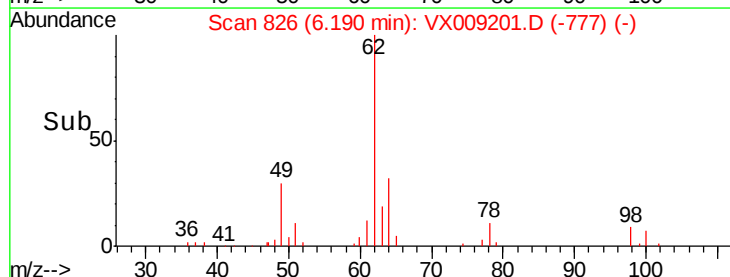
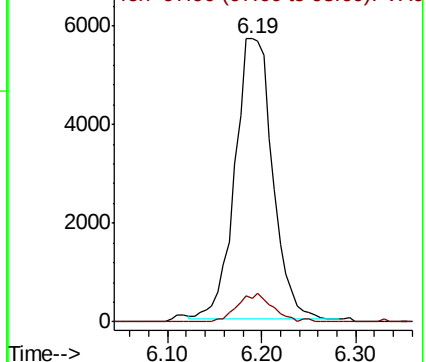
62 100

98 9.3 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: 4.696 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

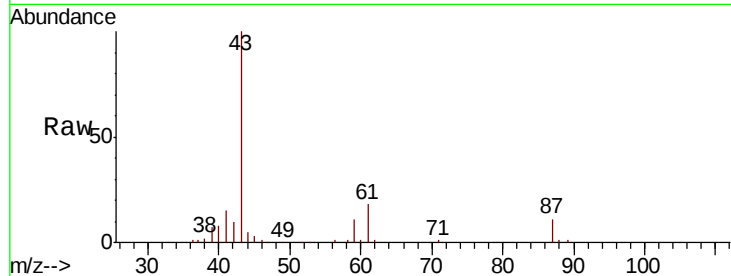
Tgt Ion: 43 Resp: 31801

Ion Ratio Lower Upper

43 100

61 19.7 15.1 22.7

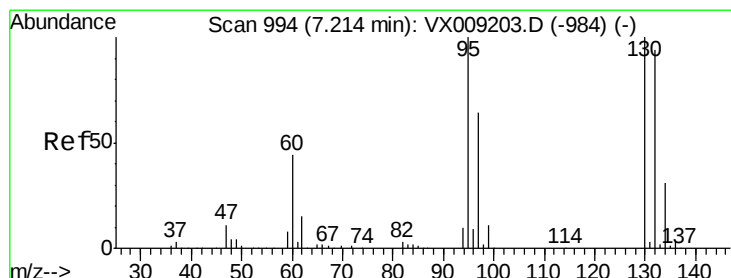
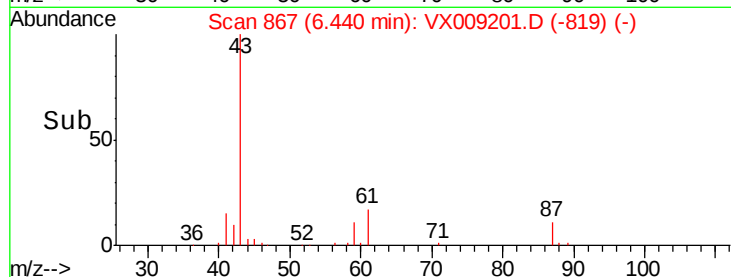
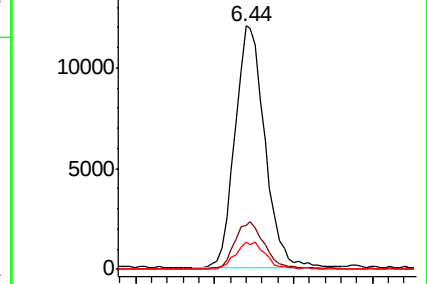
87 11.4 9.0 13.6



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: 4.531 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009201.D

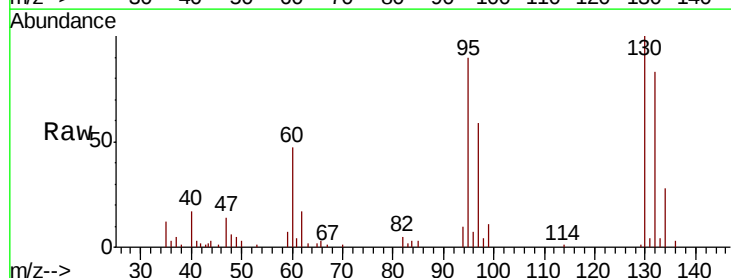
Acq: 29 Apr 2019 12:10

Tgt Ion: 130 Resp: 10674

Ion Ratio Lower Upper

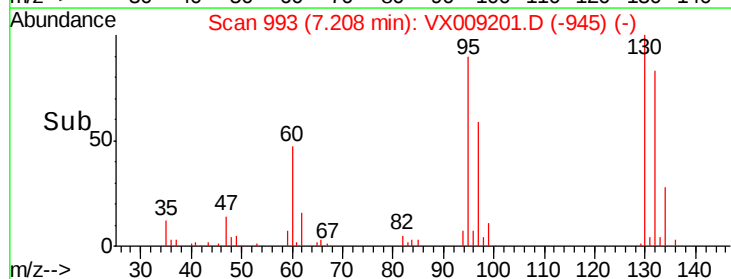
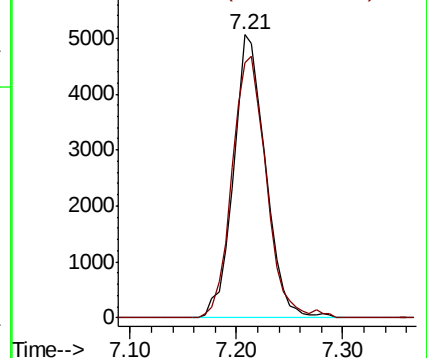
130 100

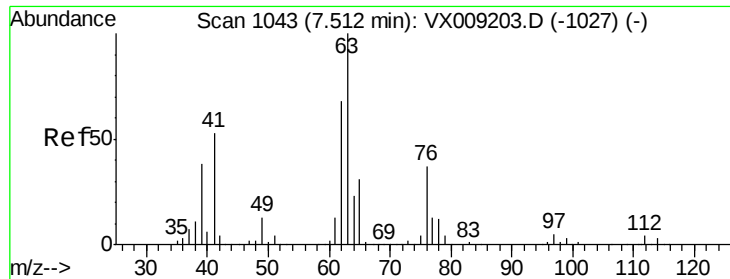
95 90.0 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 4.642 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

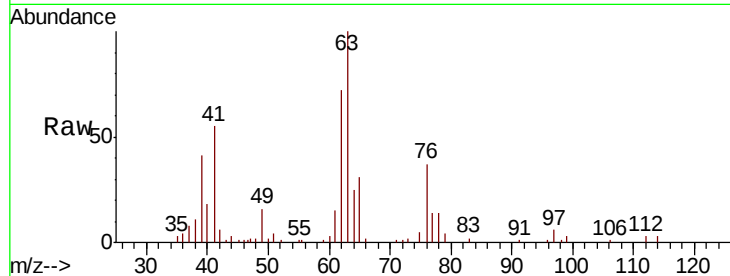
VSTDIC005

Tgt Ion: 63 Resp: 12417

Ion Ratio Lower Upper

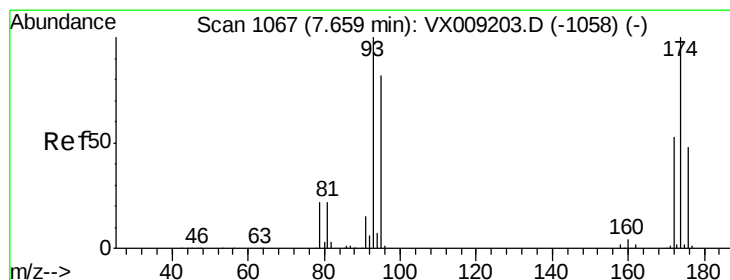
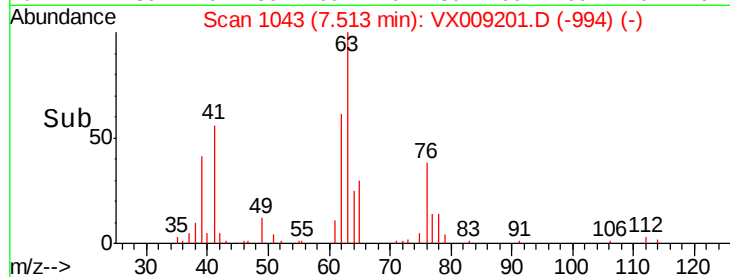
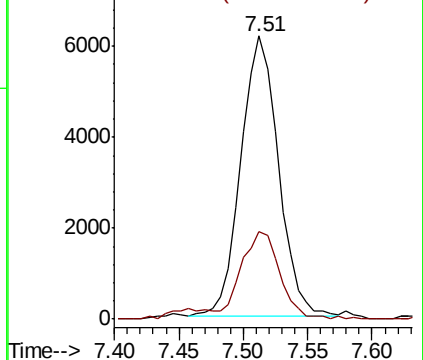
63 100

65 30.4 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 4.653 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

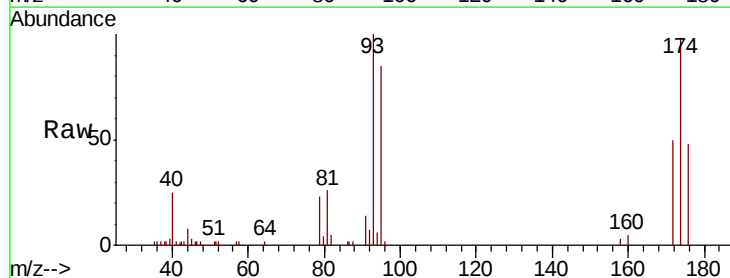
Tgt Ion: 93 Resp: 7236

Ion Ratio Lower Upper

93 100

95 83.7 66.5 99.7

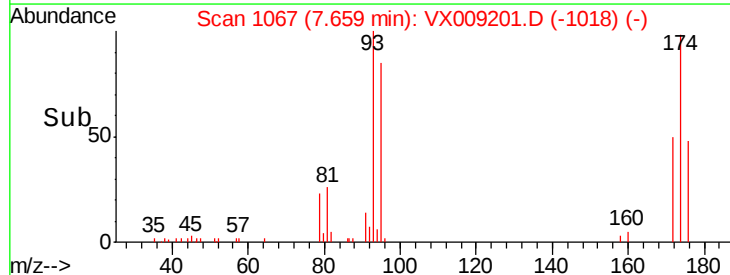
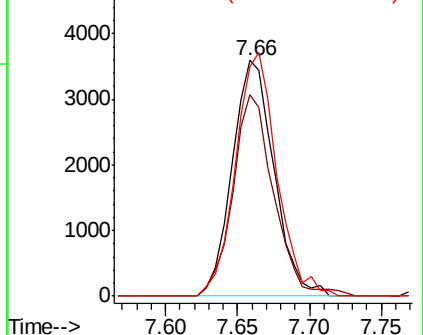
174 102.1 82.1 123.1



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 4.603 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

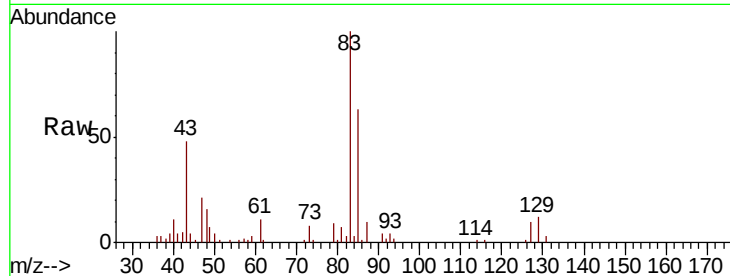
Tgt Ion: 83 Resp: 14069

Ion Ratio Lower Upper

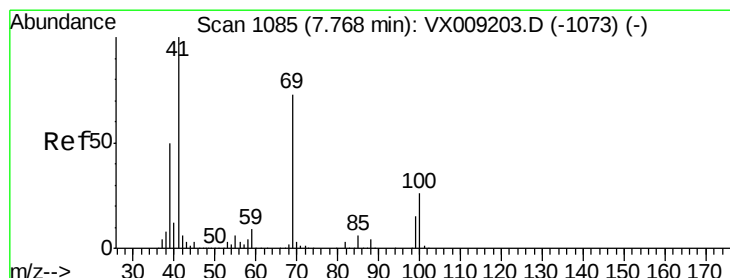
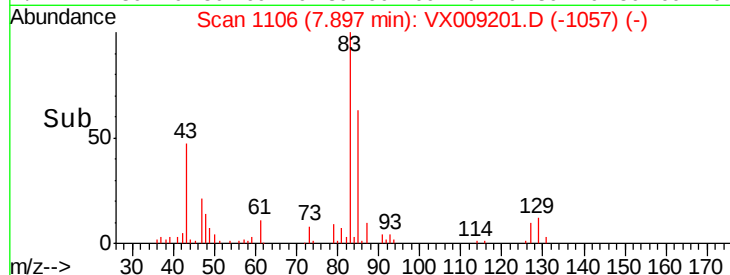
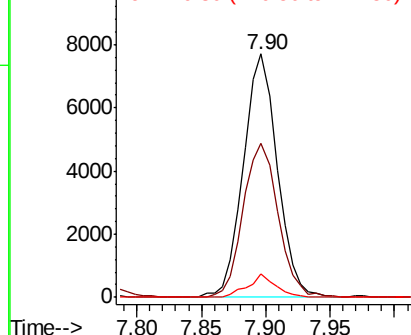
83 100

85 63.3 52.4 78.6

127 9.8 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: 4.650 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

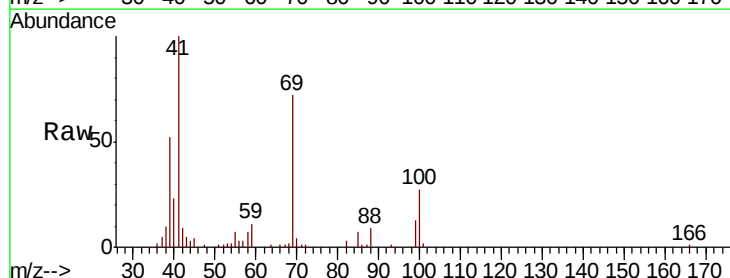
Tgt Ion: 41 Resp: 15556

Ion Ratio Lower Upper

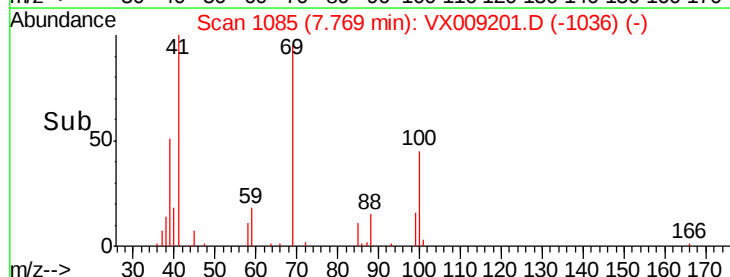
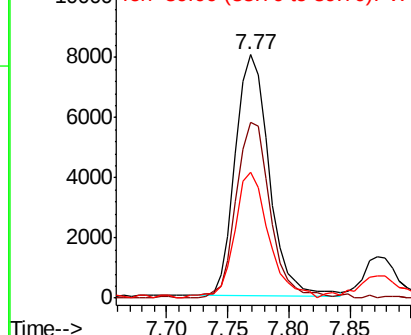
41 100

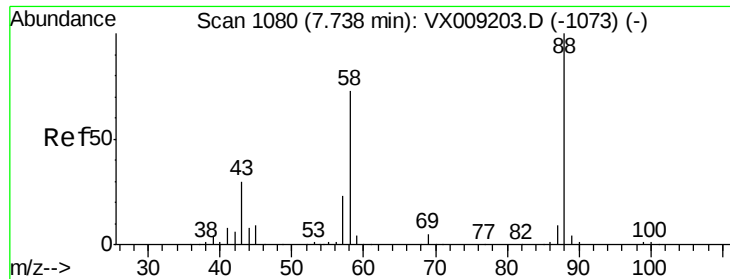
69 72.9 59.1 88.7

39 52.1 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

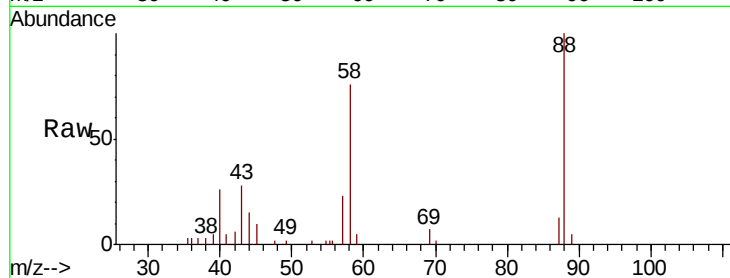




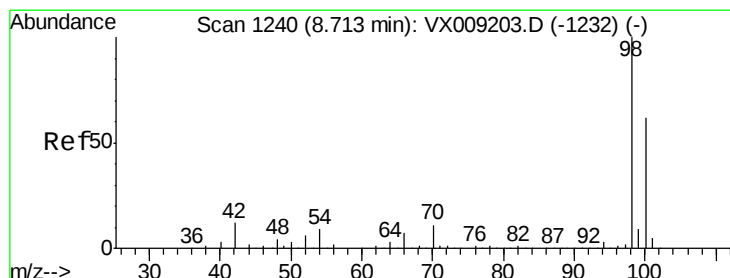
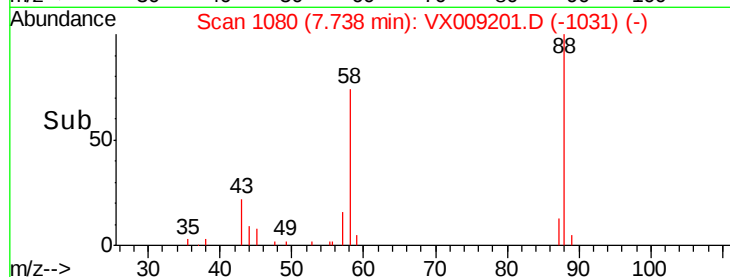
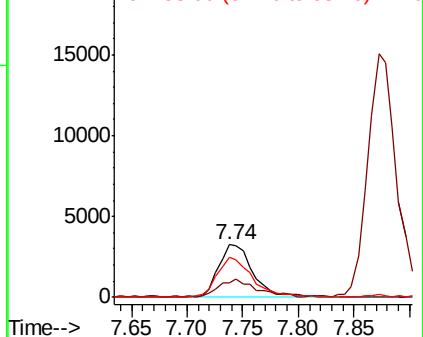
#49
1,4-Dioxane
Concen: 109.114 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 6980
Ion Ratio Lower Upper
88 100
43 34.8 28.6 42.8
58 78.6 61.7 92.5

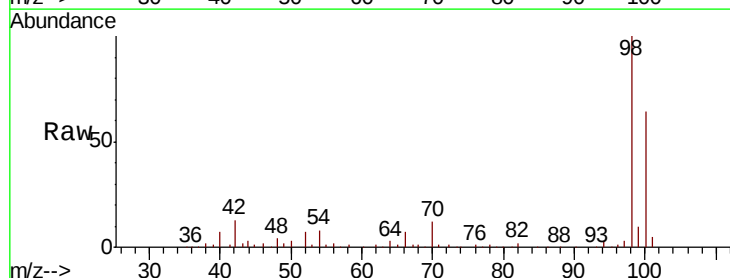


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

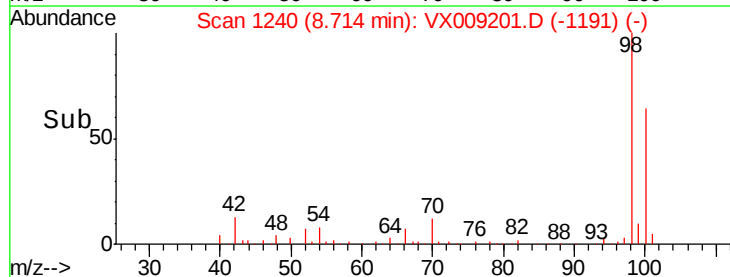
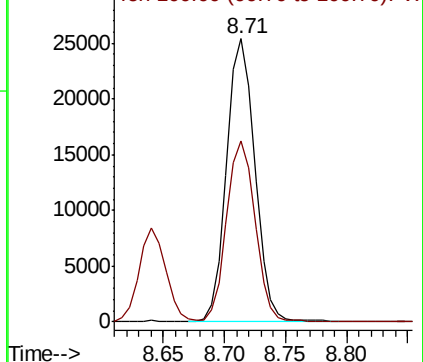


#50
Toluene-d8
Concen: 4.990 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

Tgt Ion: 98 Resp: 40780
Ion Ratio Lower Upper
98 100
100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

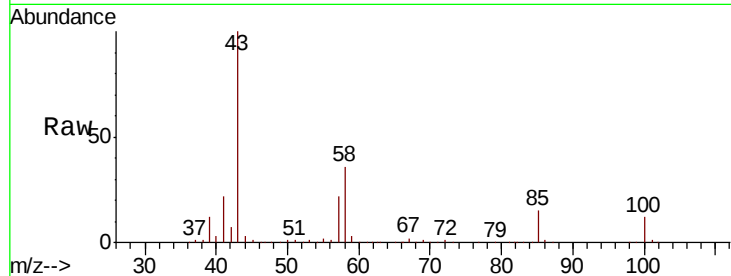




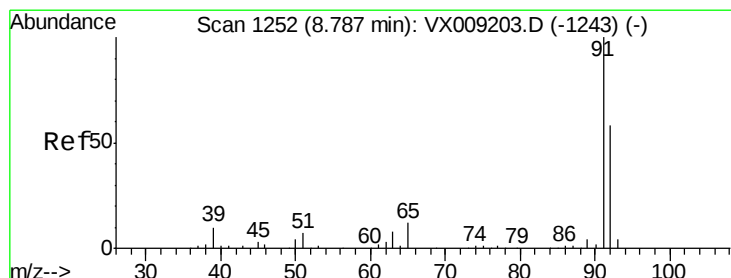
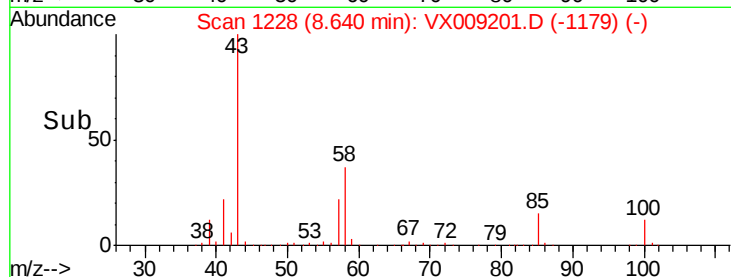
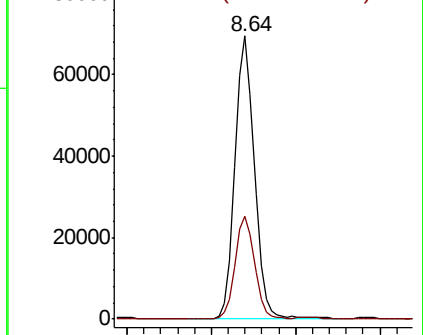
#51
 4-Methyl-2-Pentanone
 Concen: 24.948 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 108026
 Ion Ratio Lower Upper
 43 100
 58 36.4 29.5 44.3

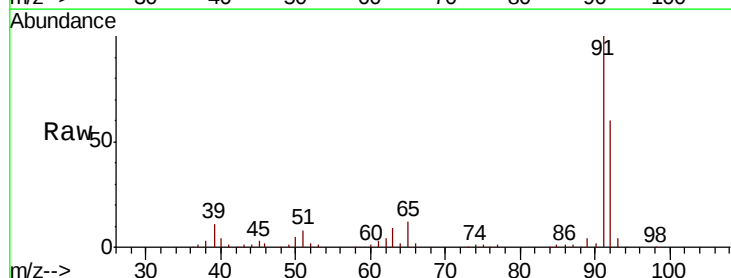


Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

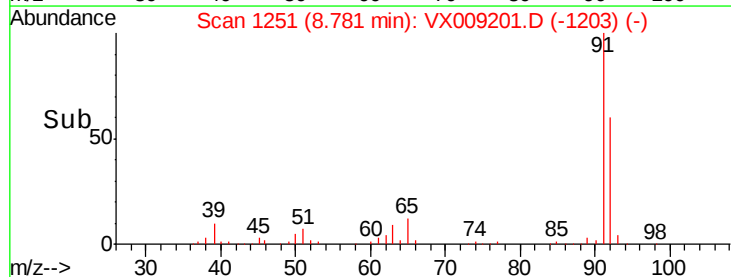
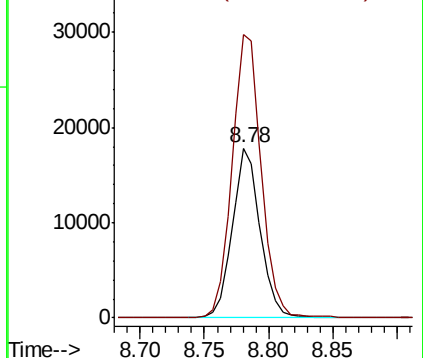


#52
 Toluene
 Concen: 4.635 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

Tgt Ion: 92 Resp: 26800
 Ion Ratio Lower Upper
 92 100
 91 175.4 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0
 Ion 91.00 (90.70 to 91.70): VX0

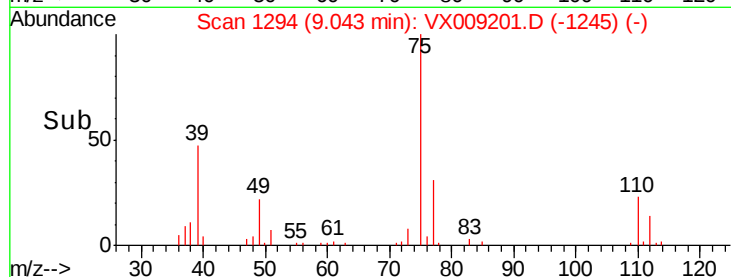
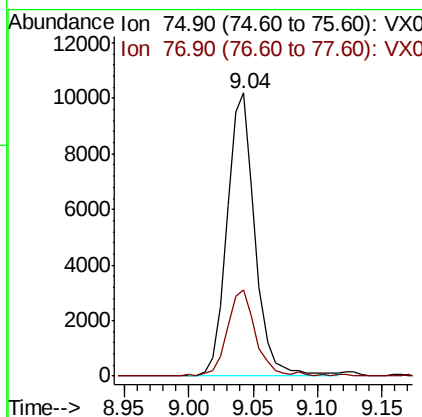
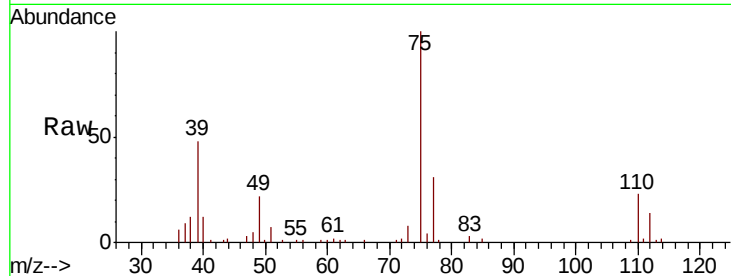




#53
t-1,3-Dichloropropene
Concen: 4.420 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

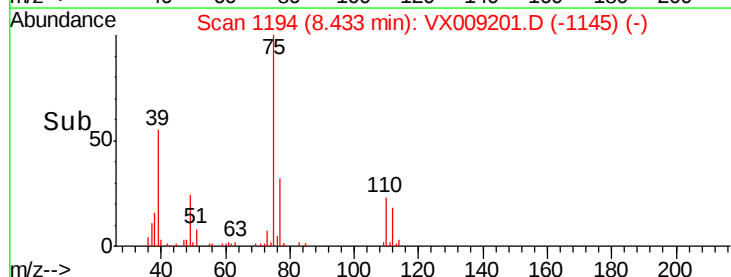
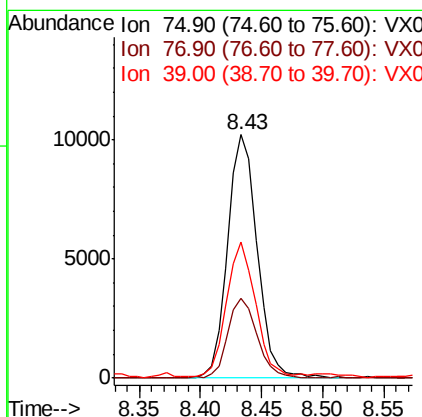
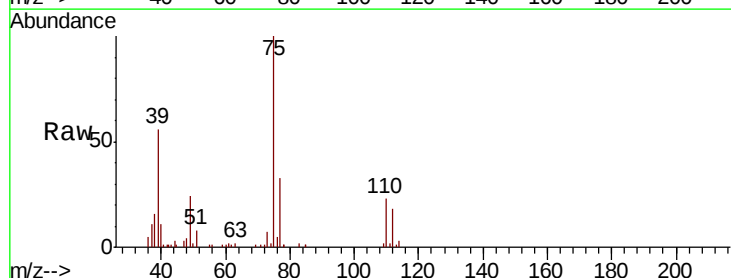
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

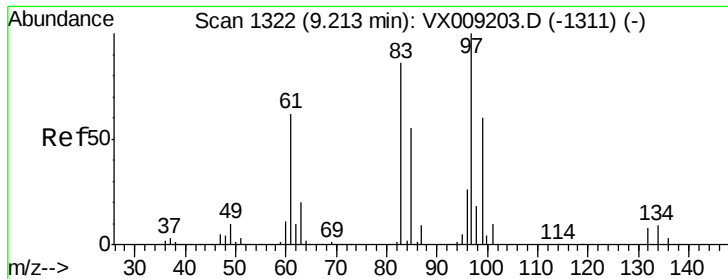
Tgt Ion: 75 Resp: 15465
Ion Ratio Lower Upper
75 100
77 30.0 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 4.330 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

Tgt Ion: 75 Resp: 17025
Ion Ratio Lower Upper
75 100
77 33.0 24.6 36.8
39 55.3 40.6 60.8

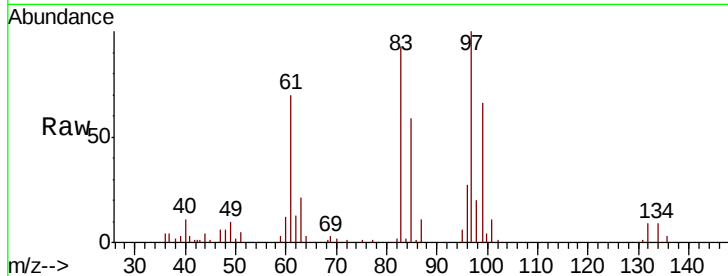




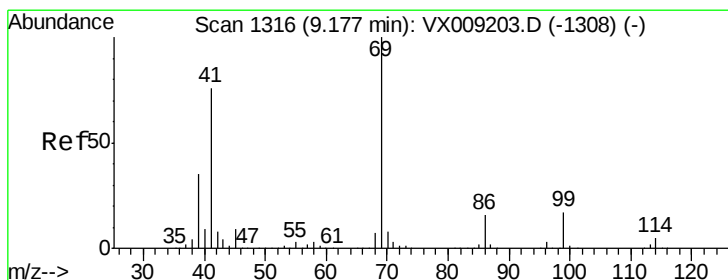
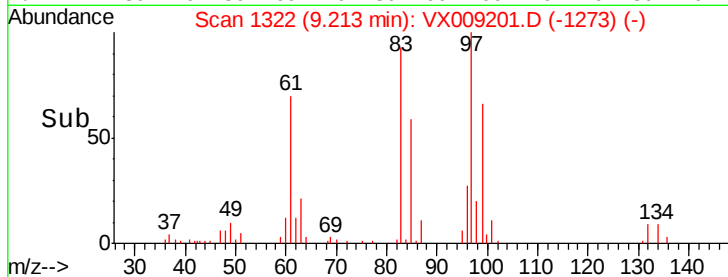
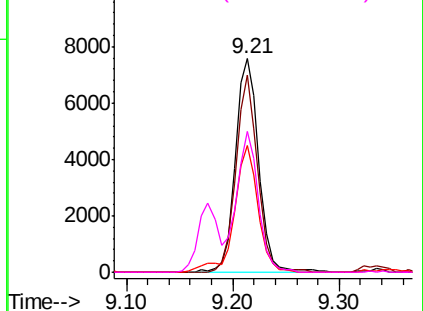
#55
 1,1,2-Trichloroethane
 Concen: 5.055 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	11617
Ion	Ratio	Lower	Upper
97	100		
83	92.6	68.9	103.3
85	59.4	43.8	65.6
99	66.2	48.2	72.2

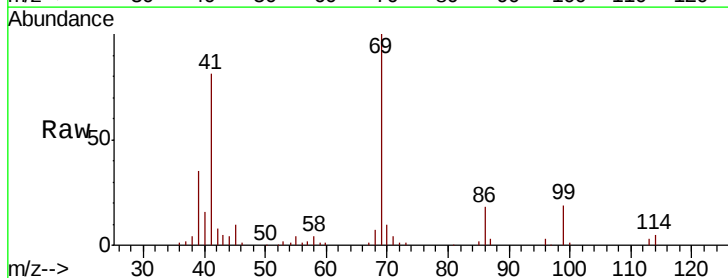


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

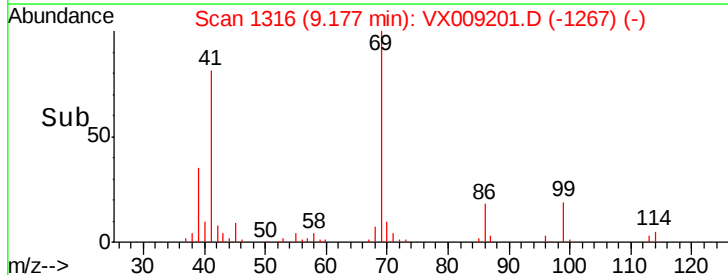
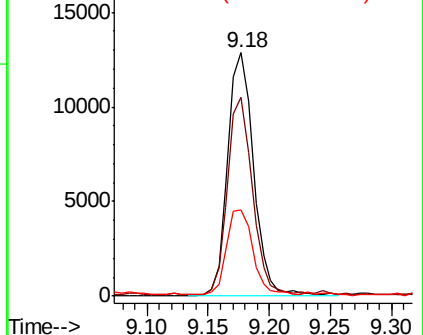


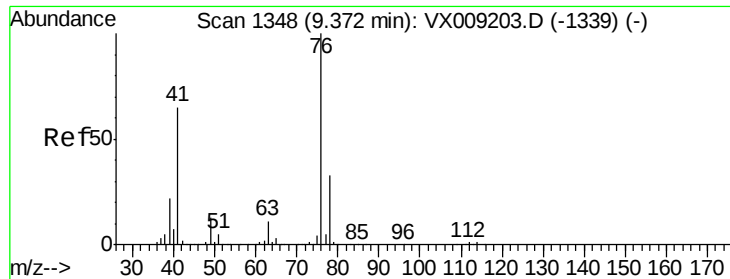
#56
 Ethyl methacrylate
 Concen: 4.629 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

Tgt Ion:	69	Resp:	19049
Ion	Ratio	Lower	Upper
69	100		
41	77.3	60.6	90.8
39	35.3	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

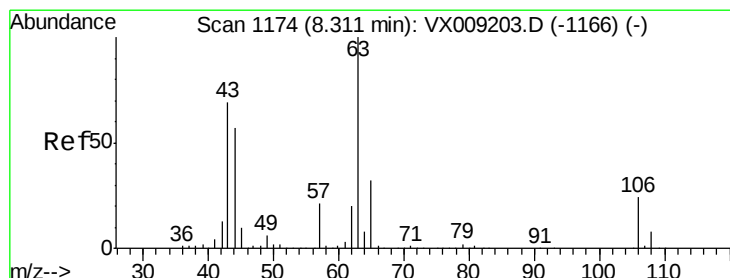
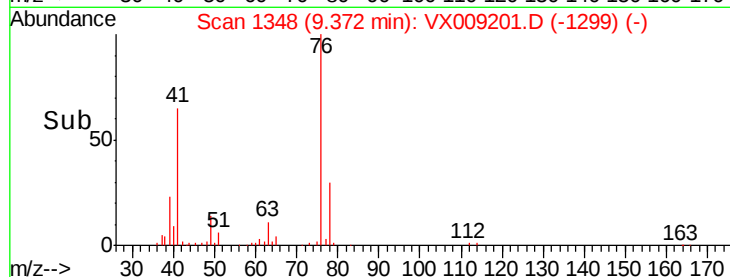
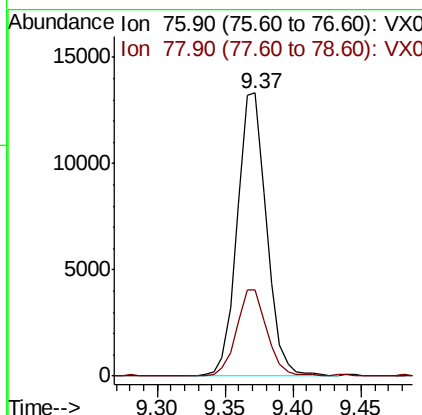
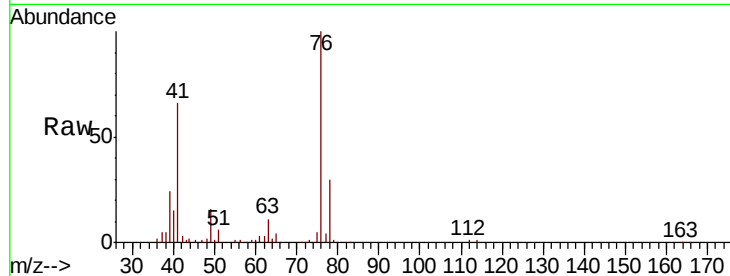




#57
 1,3-Dichloropropane
 Concen: 4.899 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

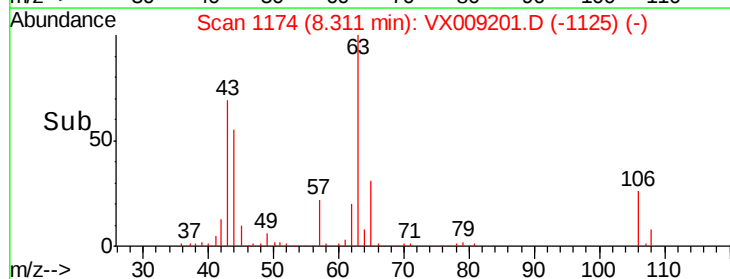
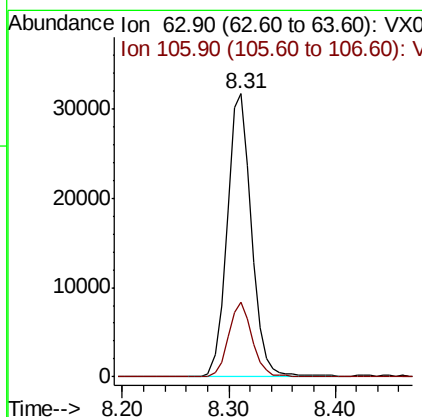
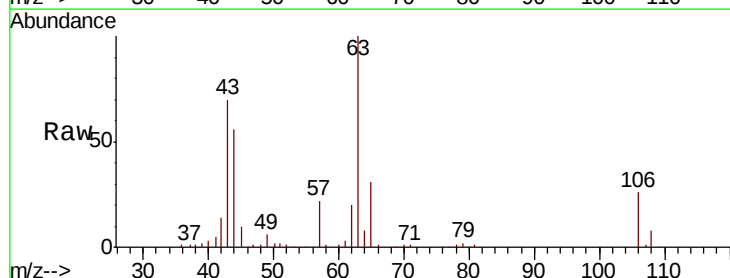
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

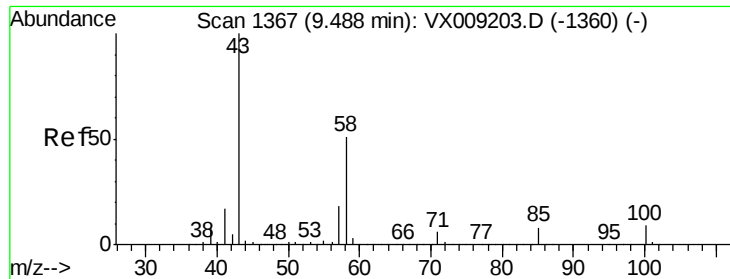
Tgt Ion: 76 Resp: 19981
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 22.773 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

Tgt Ion: 63 Resp: 50621
 Ion Ratio Lower Upper
 63 100
 106 25.7 19.7 29.5

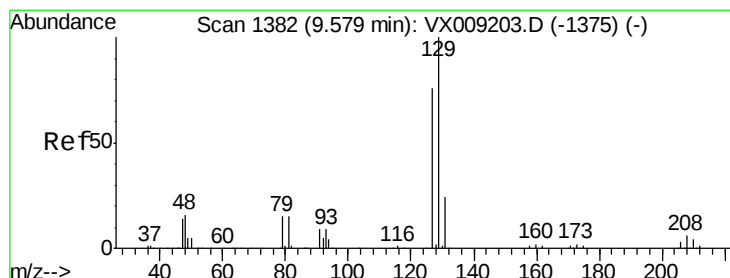
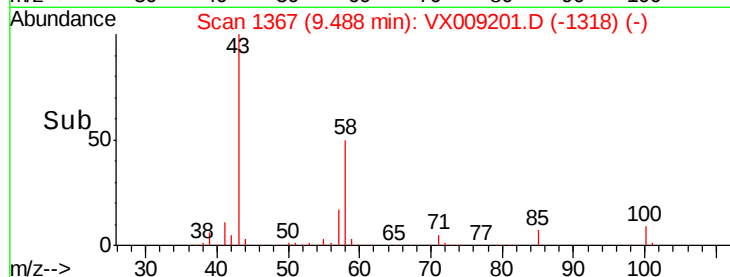
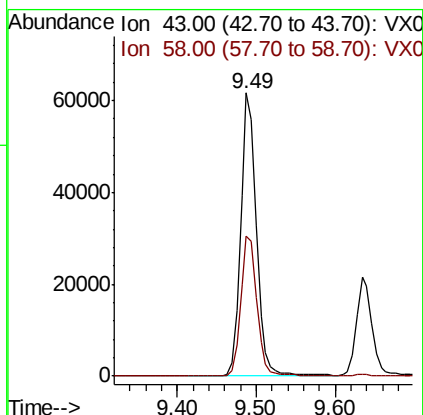
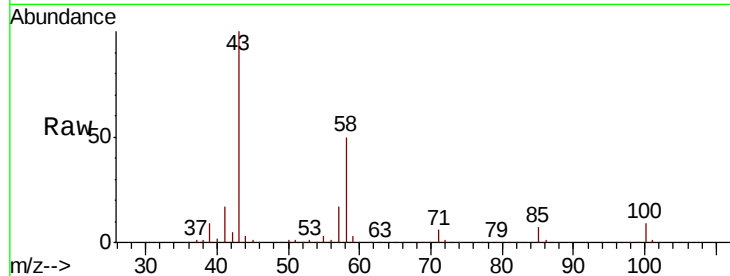




#59
2-Hexanone
Concen: 25.380 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

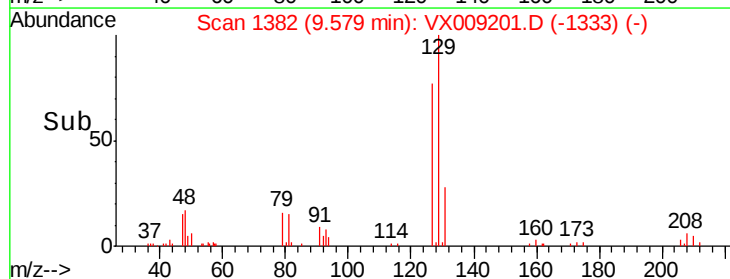
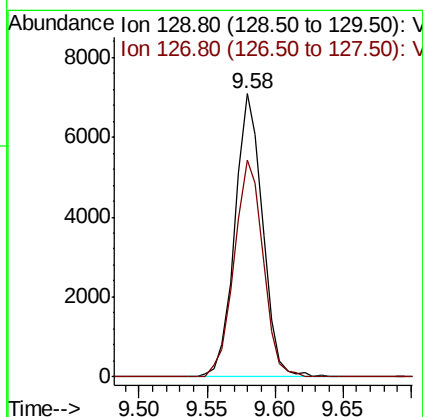
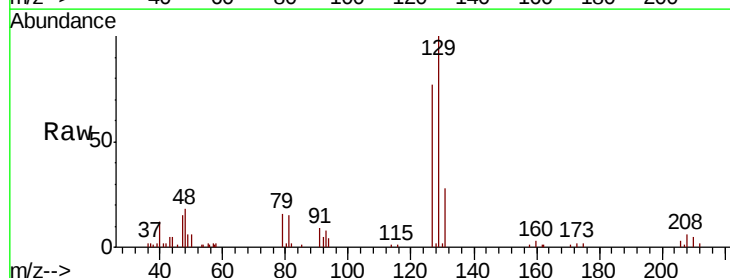
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

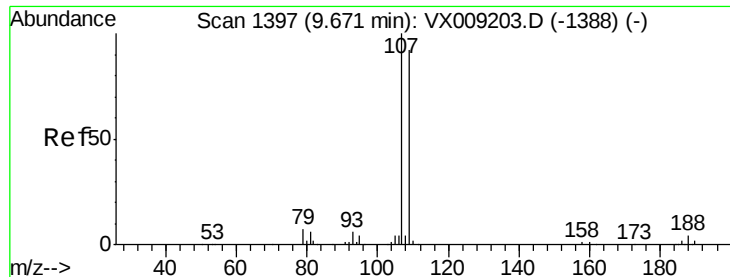
Tgt Ion: 43 Resp: 85169
Ion Ratio Lower Upper
43 100
58 51.2 25.9 77.7



#60
Dibromochloromethane
Concen: 4.560 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

Tgt Ion: 129 Resp: 10041
Ion Ratio Lower Upper
129 100
127 79.8 38.4 115.1

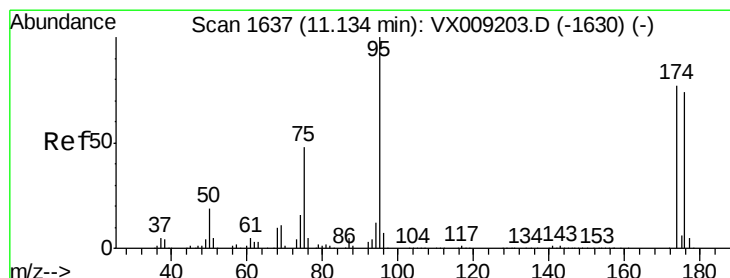
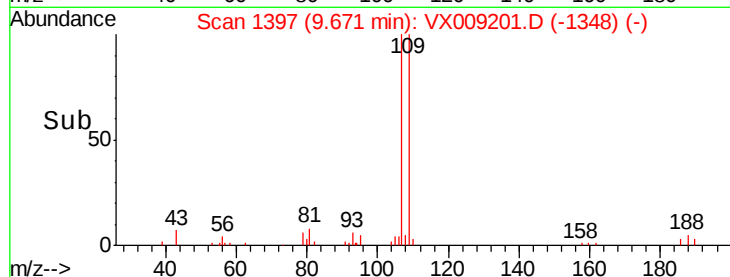
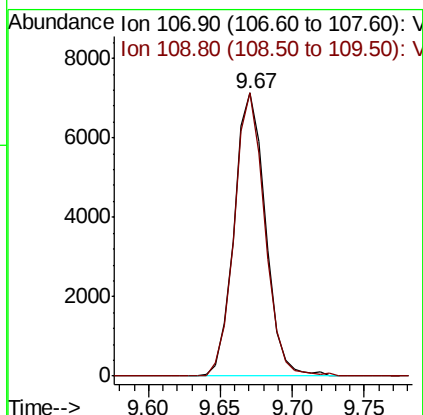
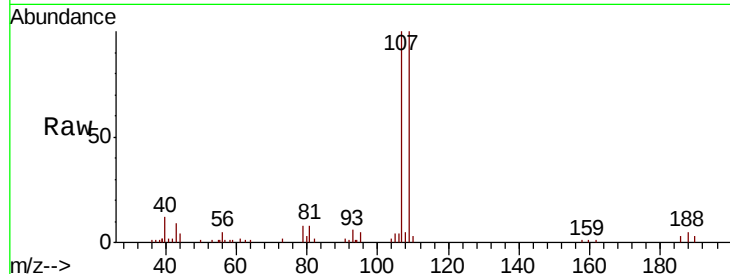




#61
 1,2-Dibromoethane
 Concen: 4.580 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

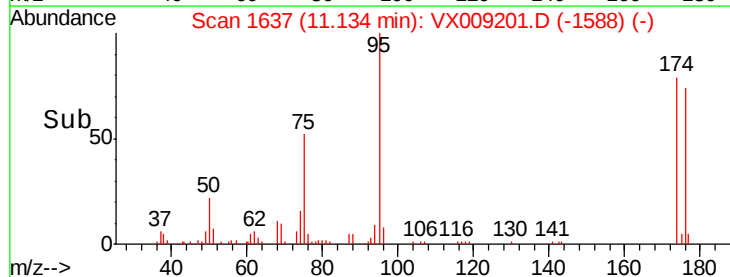
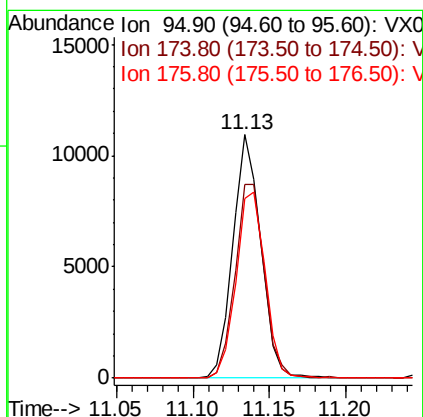
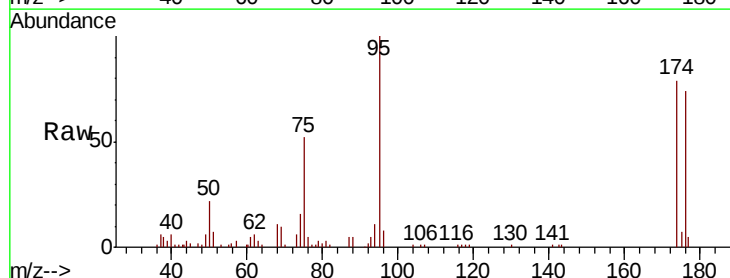
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

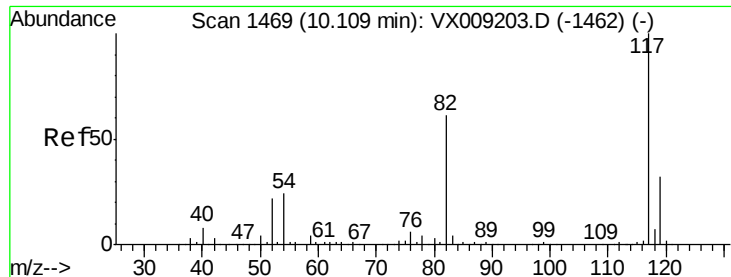
Tgt Ion: 107 Resp: 10818
 Ion Ratio Lower Upper
 107 100
 109 97.5 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 4.791 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

Tgt Ion: 95 Resp: 13875
 Ion Ratio Lower Upper
 95 100
 174 82.6 0.0 161.6
 176 79.6 0.0 159.2

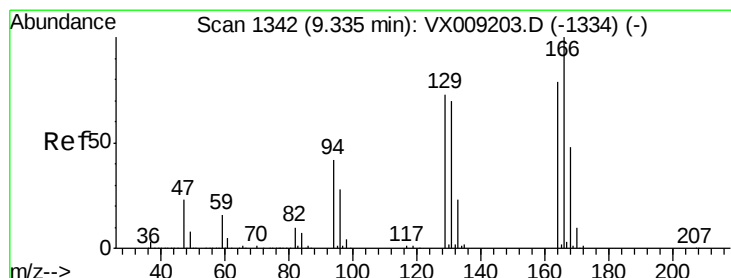
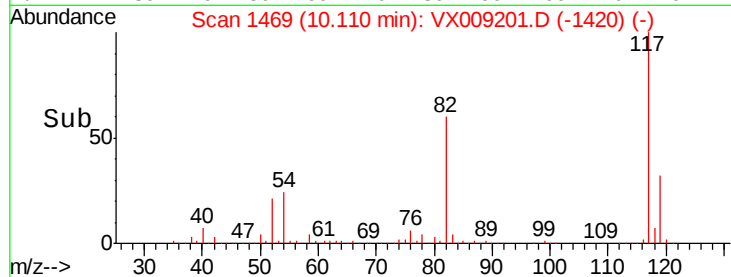
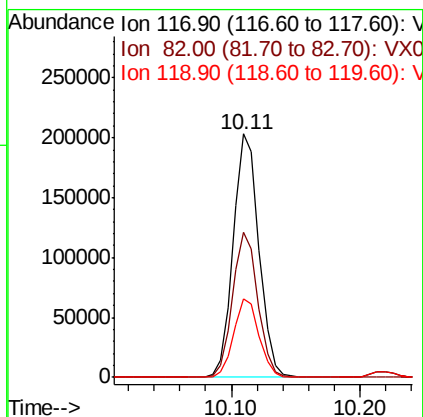
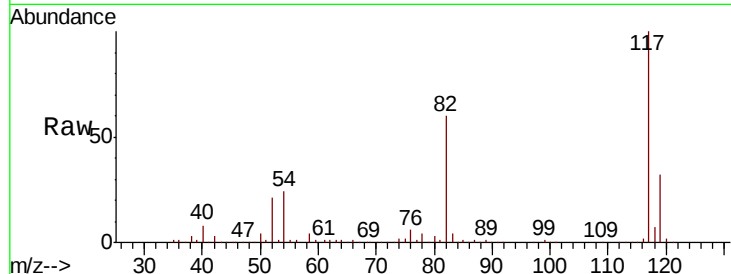




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

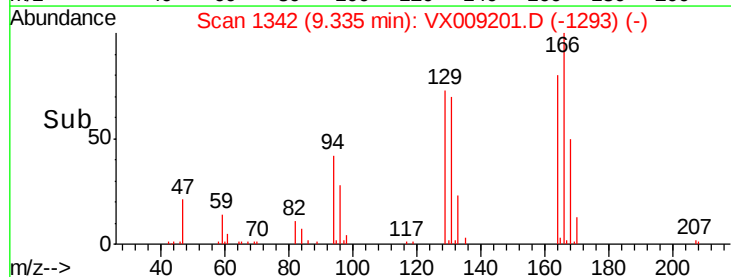
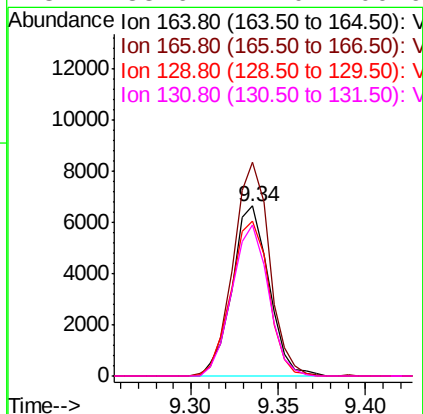
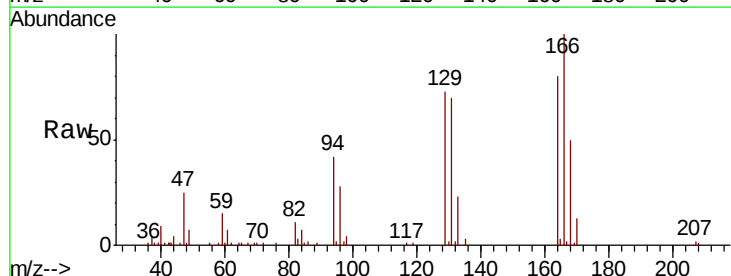
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

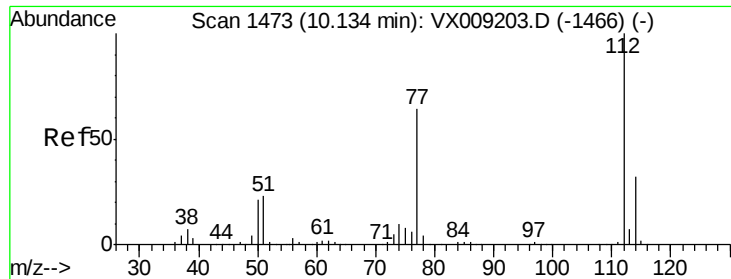
Tgt Ion:117 Resp: 282027
Ion Ratio Lower Upper
117 100
82 59.7 48.8 73.2
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 4.588 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

Tgt Ion:164 Resp: 9720
Ion Ratio Lower Upper
164 100
166 125.7 101.2 151.8
129 91.5 74.3 111.5
131 88.6 71.0 106.6





#65

Chlorobenzene

Concen: 4.734 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

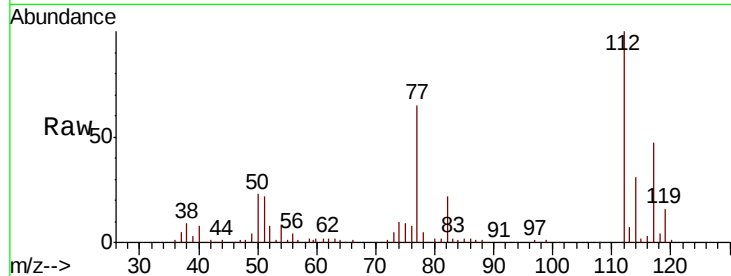
VSTDIC005

Tgt Ion:112 Resp: 28145

Ion Ratio Lower Upper

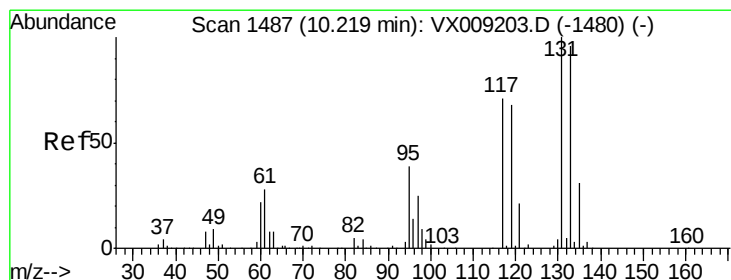
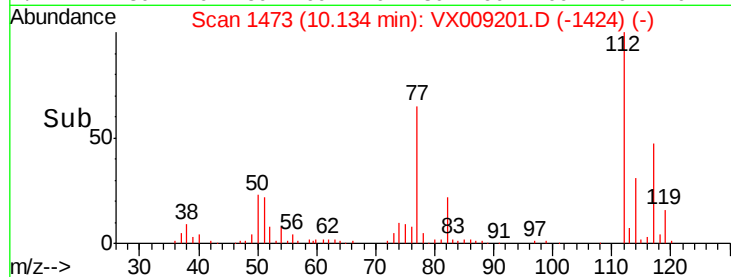
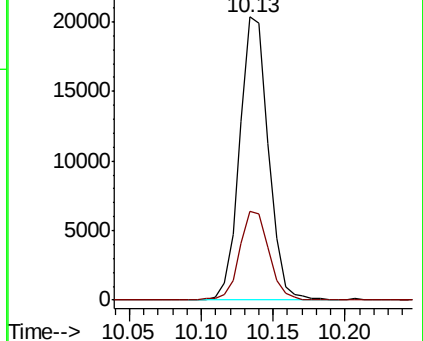
112 100

114 31.5 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 4.839 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

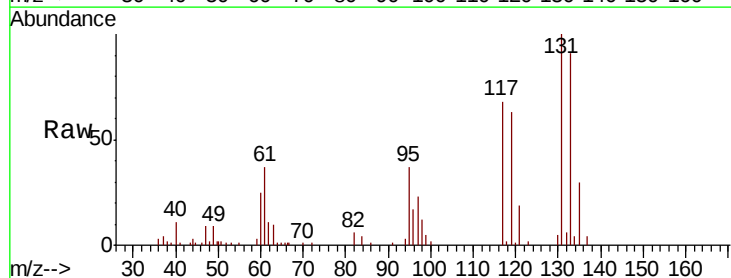
Tgt Ion:131 Resp: 10129

Ion Ratio Lower Upper

131 100

133 94.1 47.7 143.1

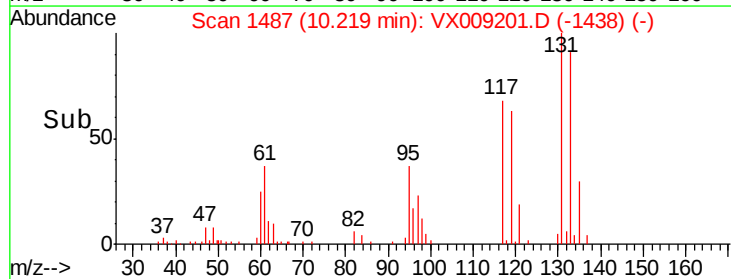
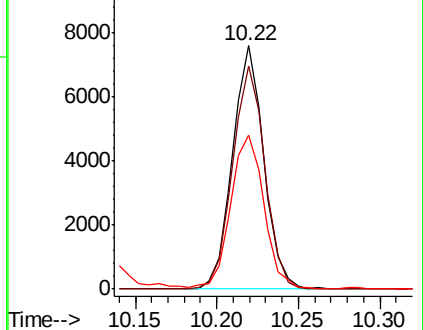
119 67.5 33.5 100.4

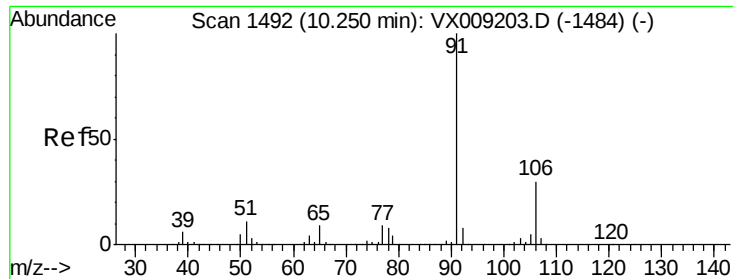


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

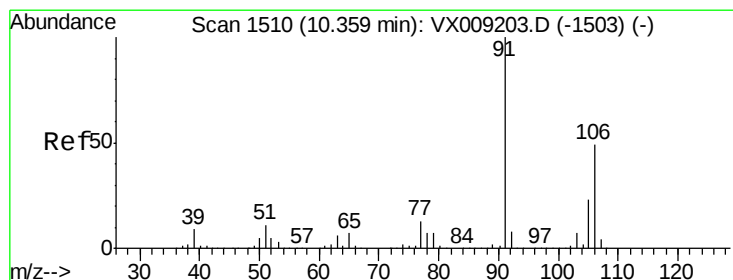
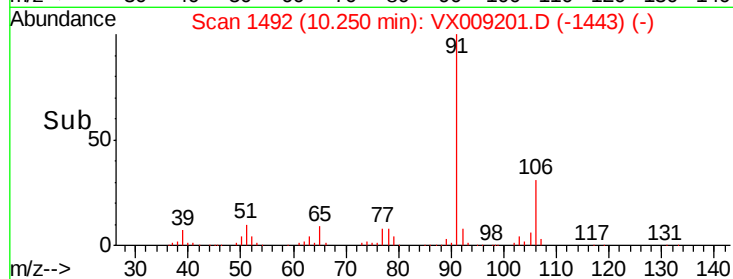
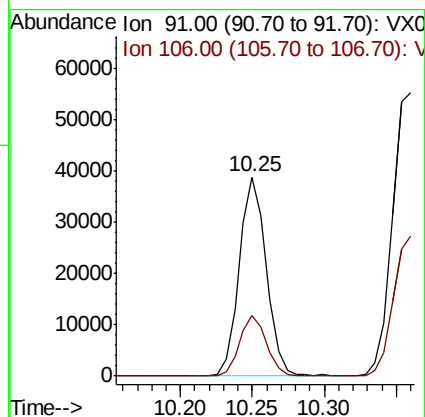
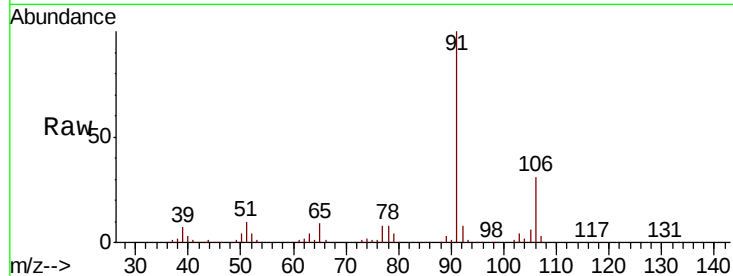




#67
Ethyl Benzene
Concen: 4.679 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

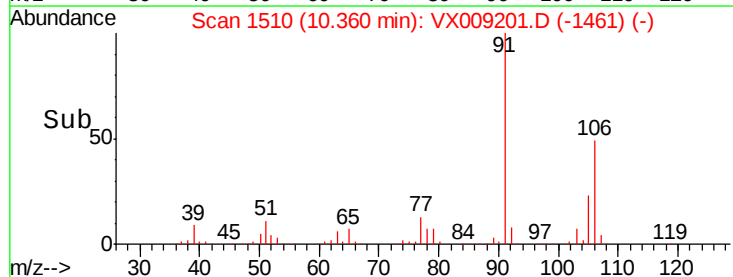
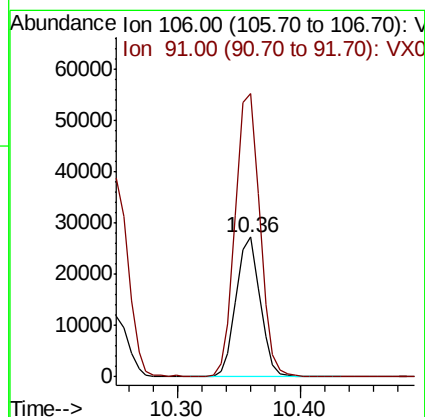
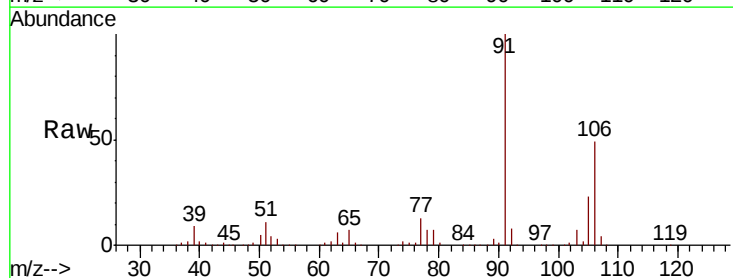
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

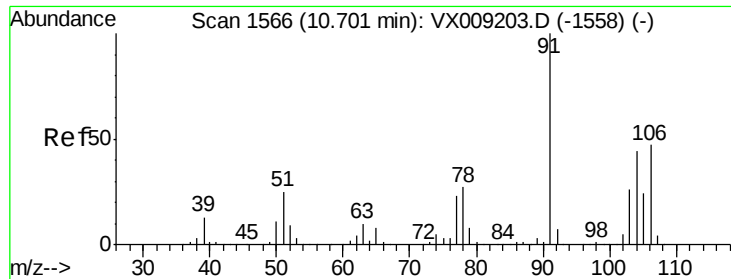
Tgt Ion: 91 Resp: 50793
Ion Ratio Lower Upper
91 100
106 30.6 24.0 36.0



#68
m/p-Xylenes
Concen: 9.383 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

Tgt Ion: 106 Resp: 37125
Ion Ratio Lower Upper
106 100
91 206.3 164.0 246.0

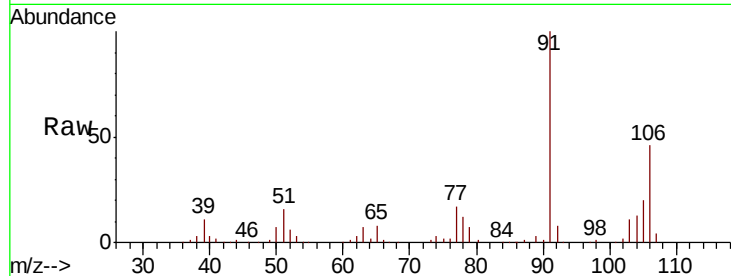




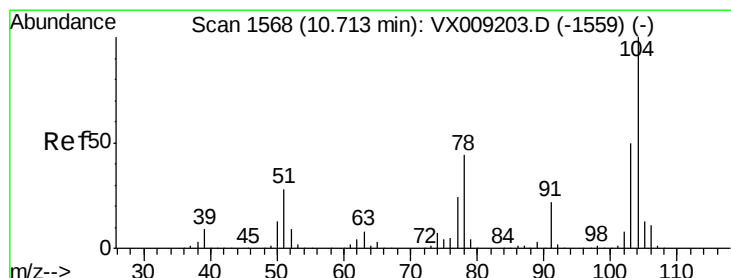
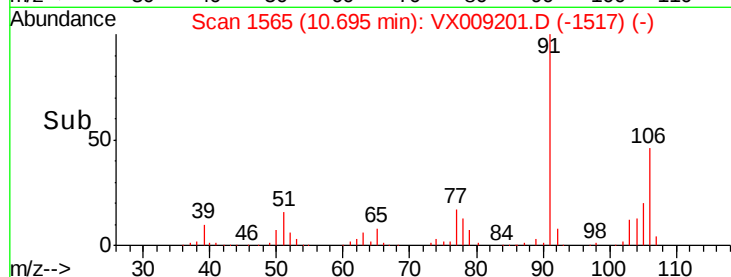
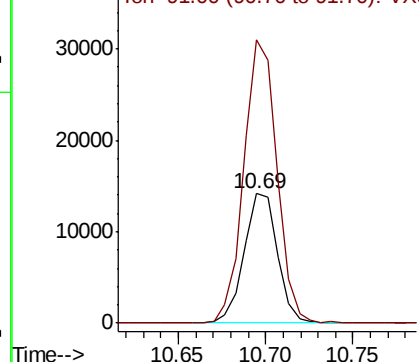
#69
o-Xylene
Concen: 4.894 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 18841
Ion Ratio Lower Upper
106 100
91 217.8 109.5 328.4

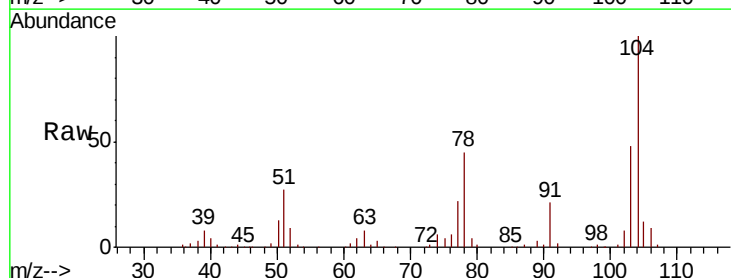


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

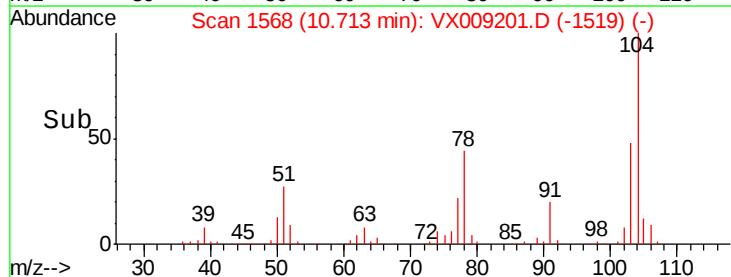
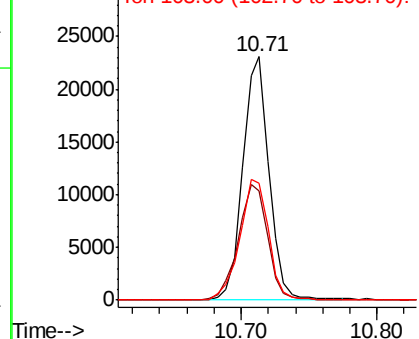


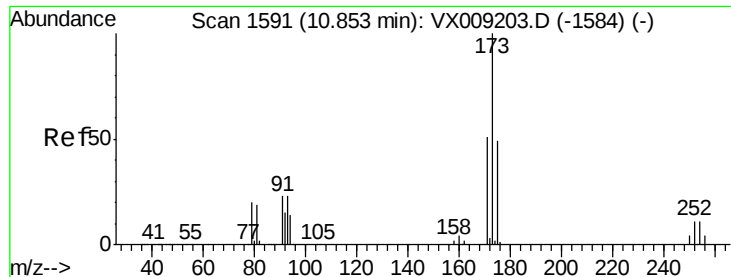
#70
Styrene
Concen: 4.634 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

Tgt Ion:104 Resp: 30988
Ion Ratio Lower Upper
104 100
78 53.3 41.0 61.4
103 54.8 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: 4.323 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

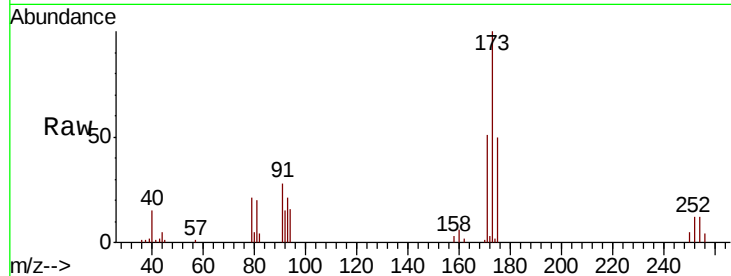
Tgt Ion:173 Resp: 7223

Ion Ratio Lower Upper

173 100

175 51.5 24.5 73.5

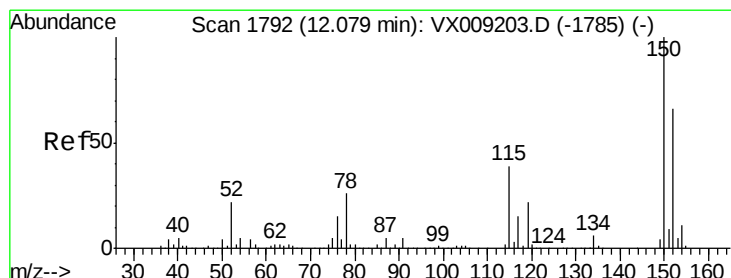
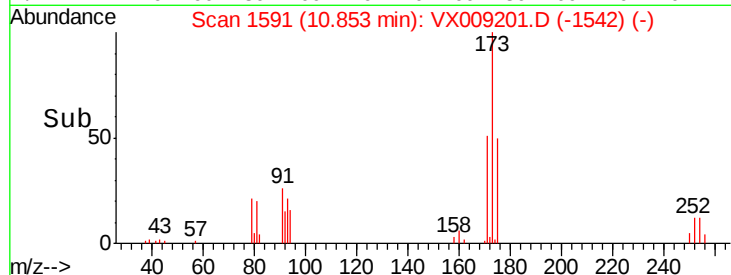
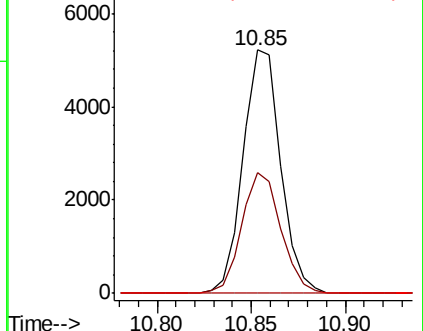
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

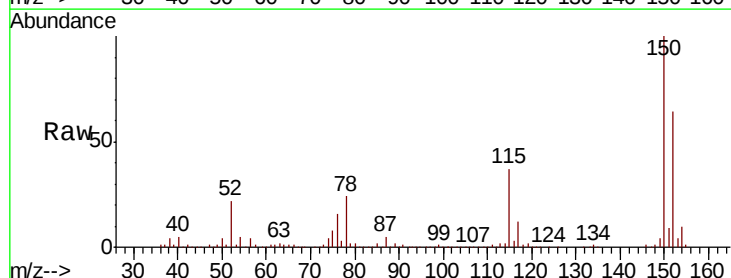
Tgt Ion:152 Resp: 133541

Ion Ratio Lower Upper

152 100

115 60.7 41.2 123.6

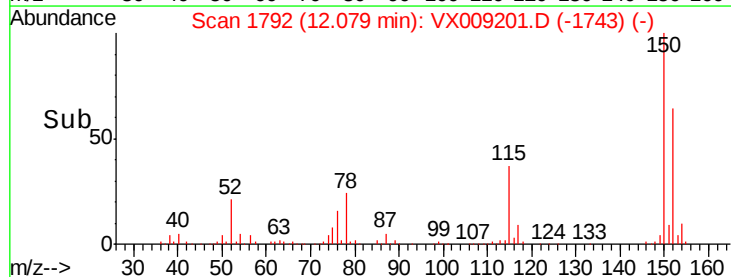
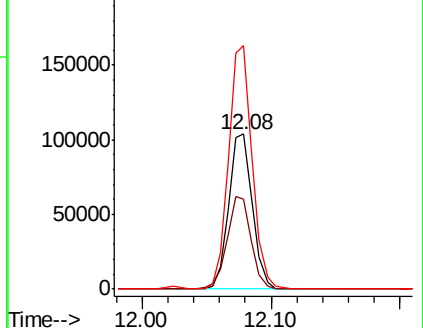
150 157.0 0.0 346.4

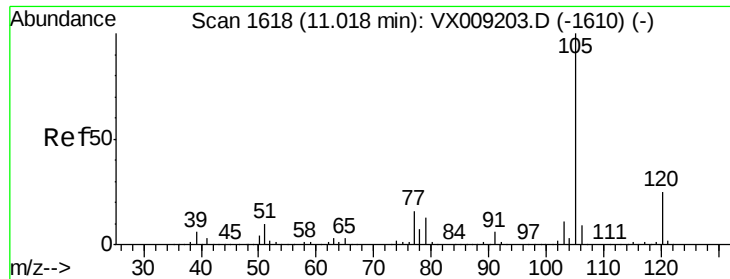


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.828 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

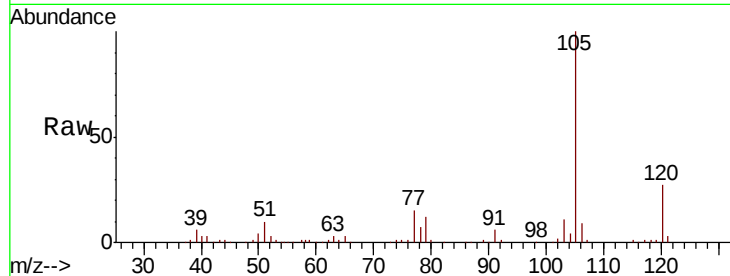
VSTDIC005

Tgt Ion: 105 Resp: 48564

Ion Ratio Lower Upper

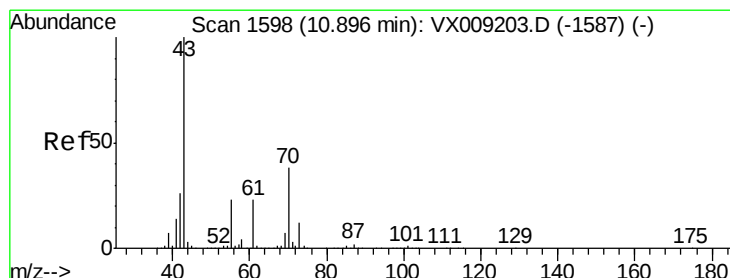
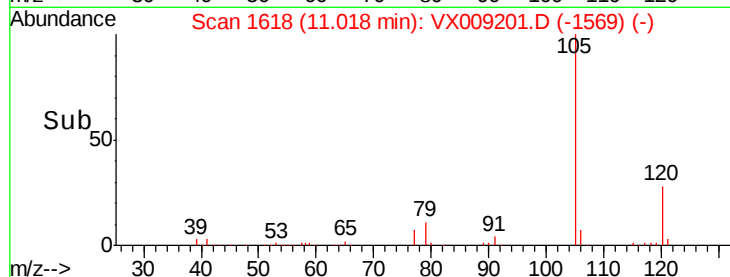
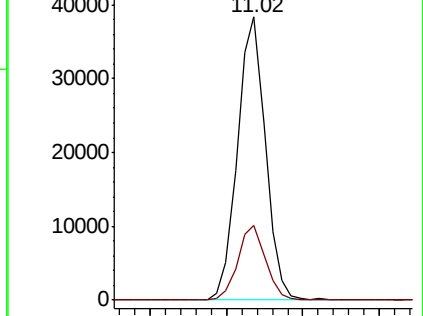
105 100

120 26.2 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.845 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Tgt Ion: 43 Resp: 28128

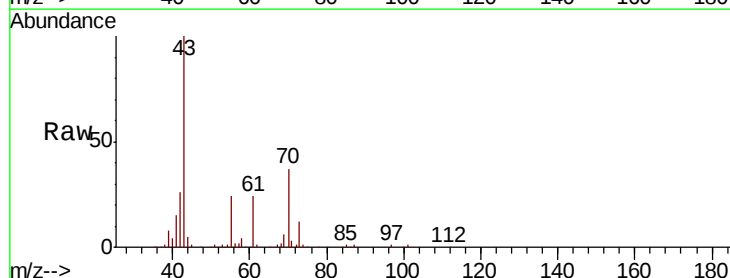
Ion Ratio Lower Upper

43 100

70 38.6 30.0 45.0

55 23.8 17.9 26.9

61 22.7 18.4 27.6

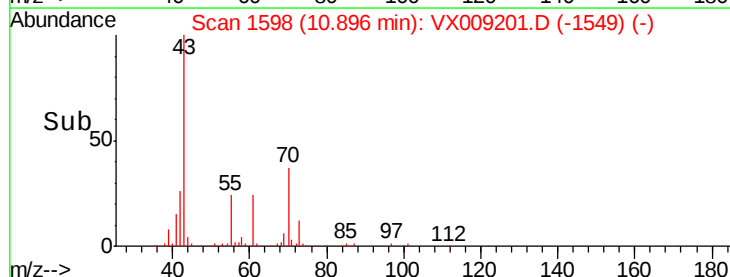
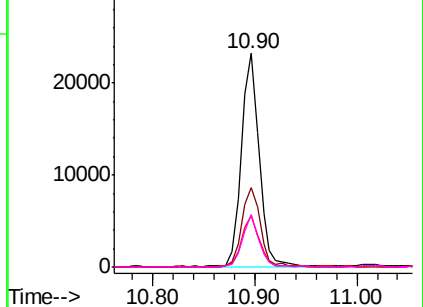


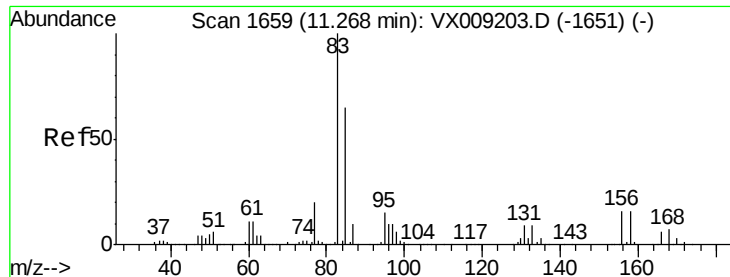
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.190 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

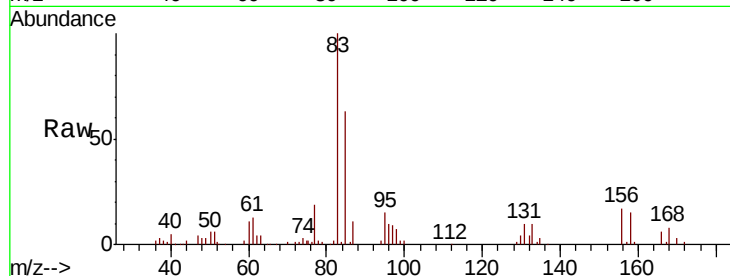
Tgt Ion: 83 Resp: 19188

Ion Ratio Lower Upper

83 100

131 10.0 4.6 13.8

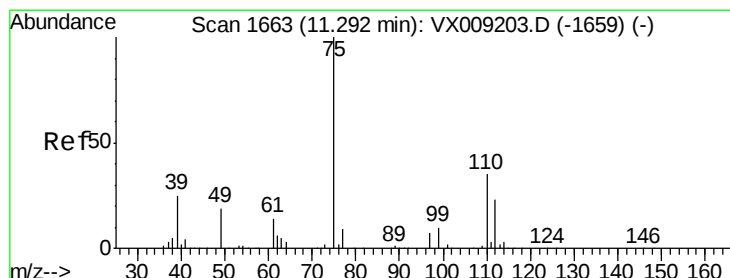
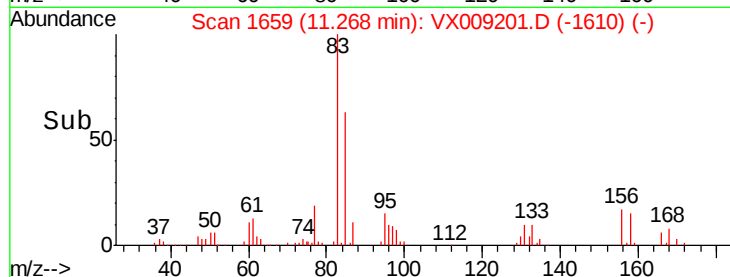
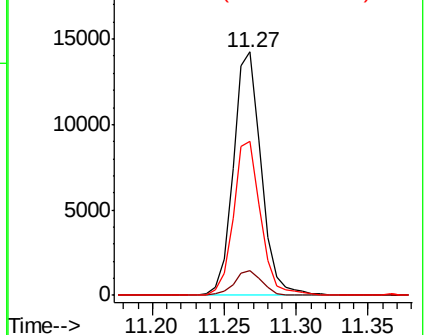
85 62.5 32.0 96.2



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: 6.709 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009201.D

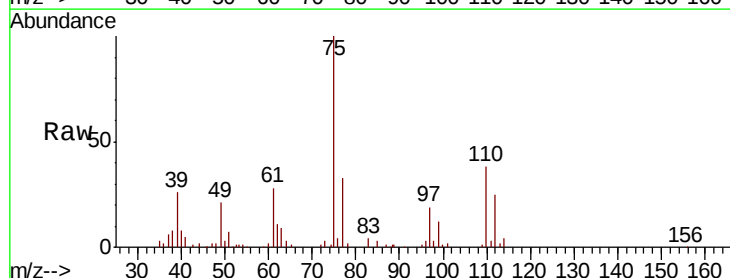
Acq: 29 Apr 2019 12:10

Tgt Ion: 75 Resp: 21791

Ion Ratio Lower Upper

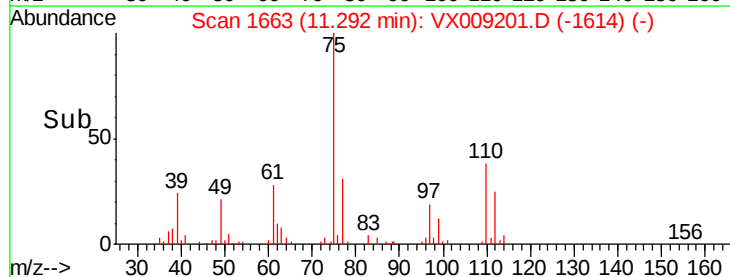
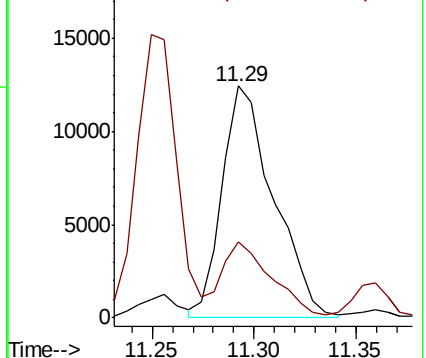
75 100

77 32.3 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: 4.804 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

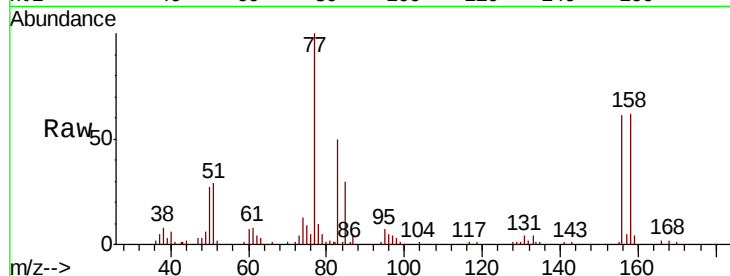
Tgt Ion:156 Resp: 12197

Ion Ratio Lower Upper

156 100

77 169.3 84.8 254.3

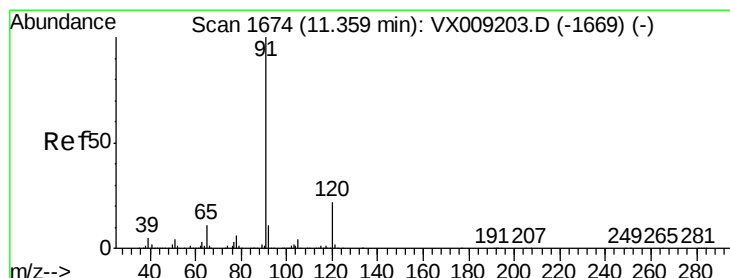
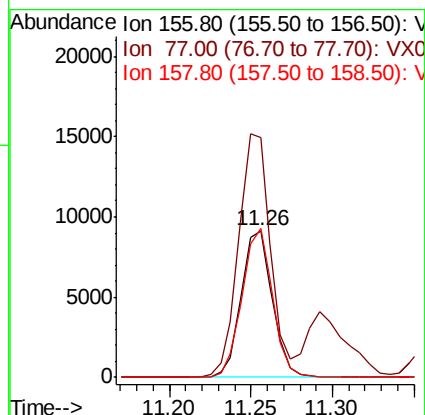
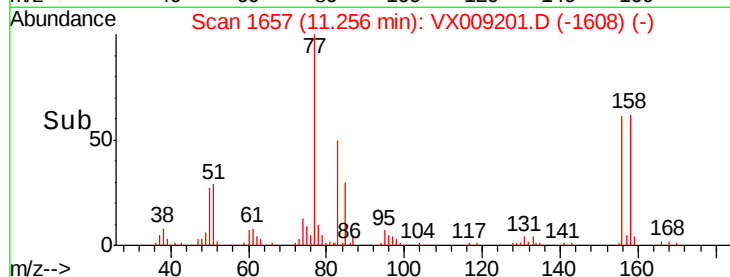
158 99.1 49.1 147.3



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: 4.711 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009201.D

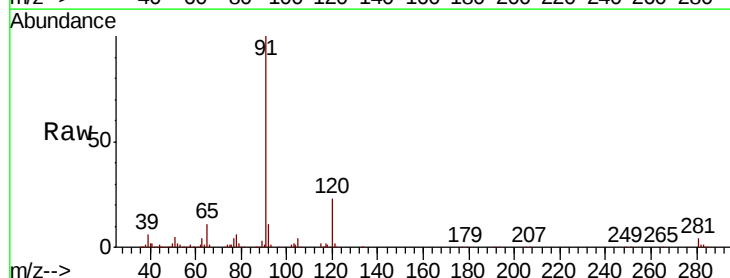
Acq: 29 Apr 2019 12:10

Tgt Ion: 91 Resp: 54280

Ion Ratio Lower Upper

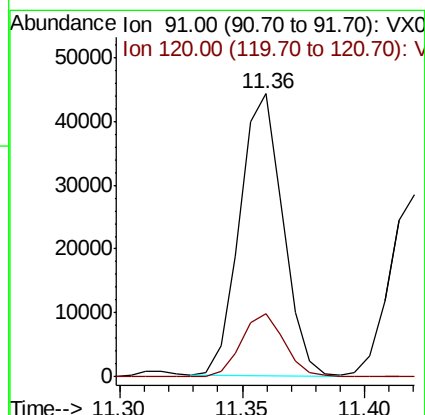
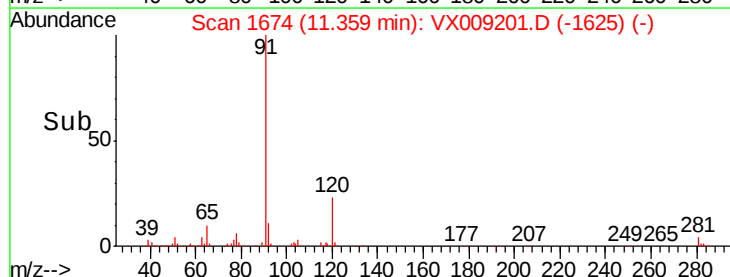
91 100

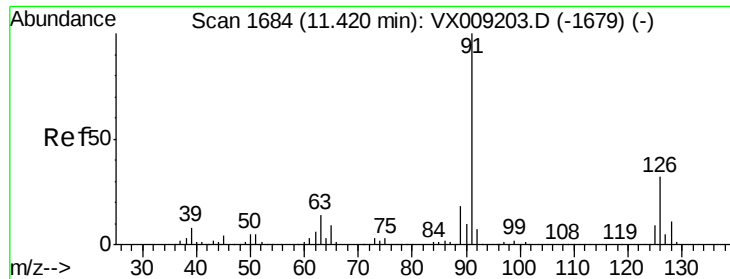
120 22.6 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

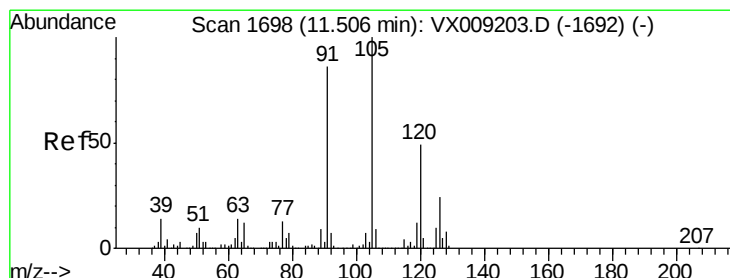
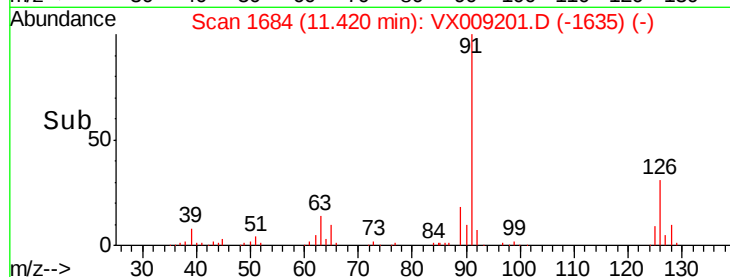
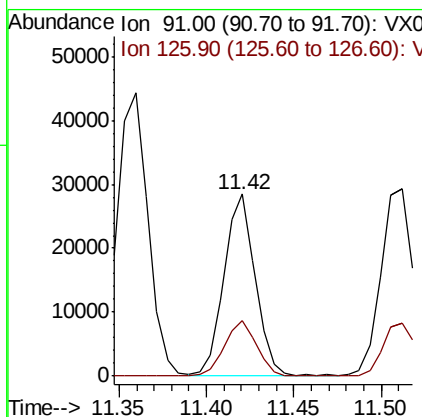
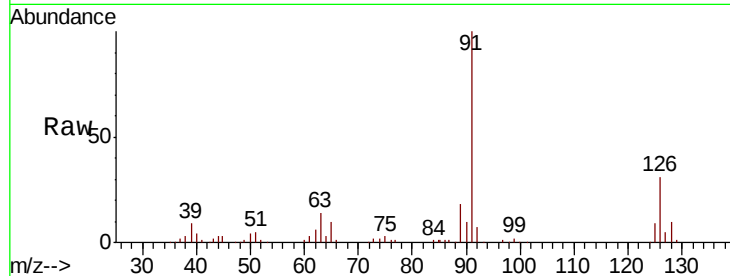




#79
2-Chlorotoluene
Concen: 5.035 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

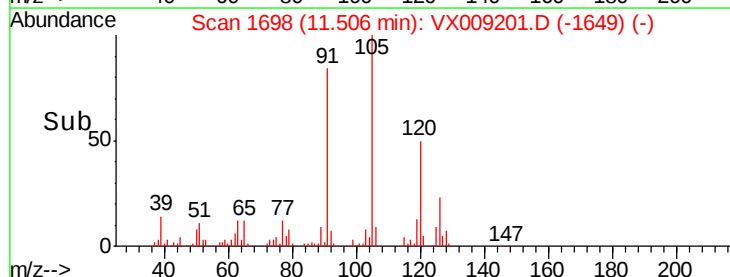
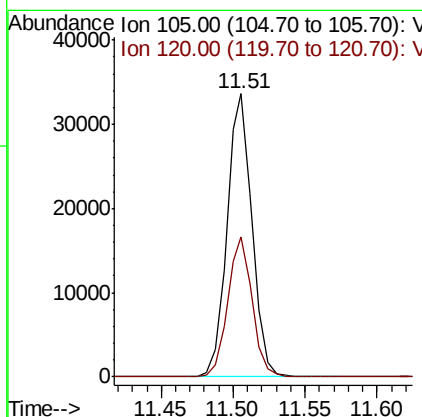
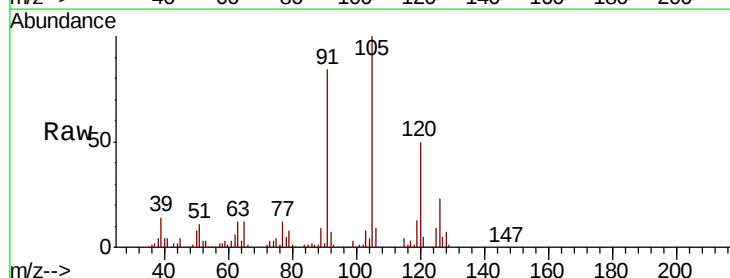
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 35051
Ion Ratio Lower Upper
91 100
126 31.6 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 4.853 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

Tgt Ion: 105 Resp: 40993
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 4.285 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

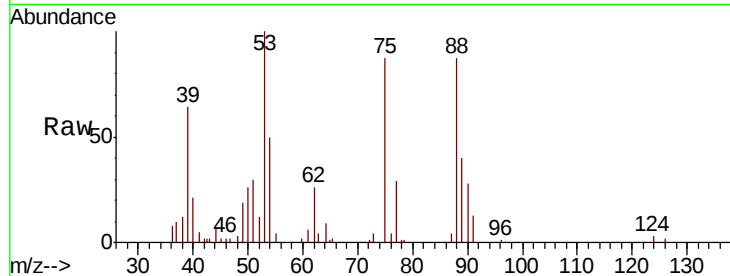
Tgt Ion: 75 Resp: 5369

Ion Ratio Lower Upper

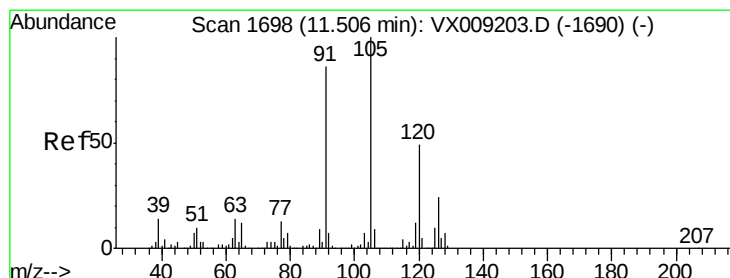
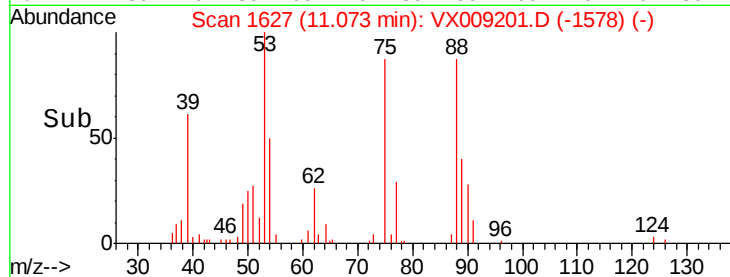
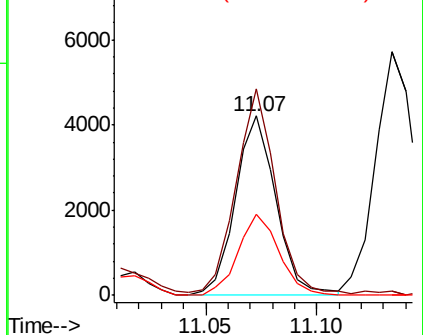
75 100

53 109.6 79.0 118.6

89 45.7 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: 4.671 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009201.D

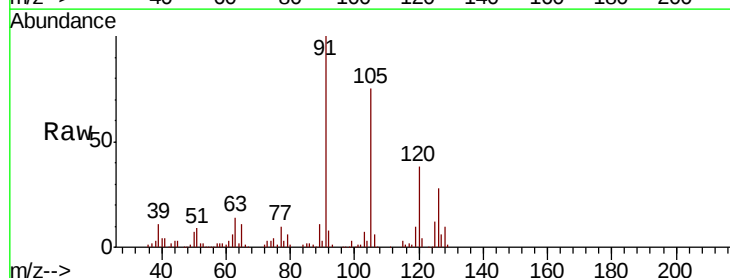
Acq: 29 Apr 2019 12:10

Tgt Ion: 91 Resp: 37736

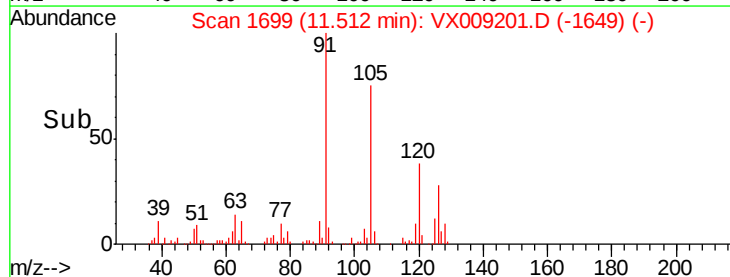
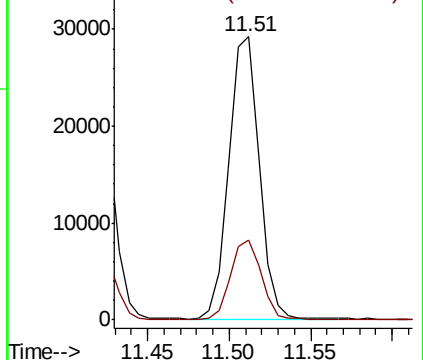
Ion Ratio Lower Upper

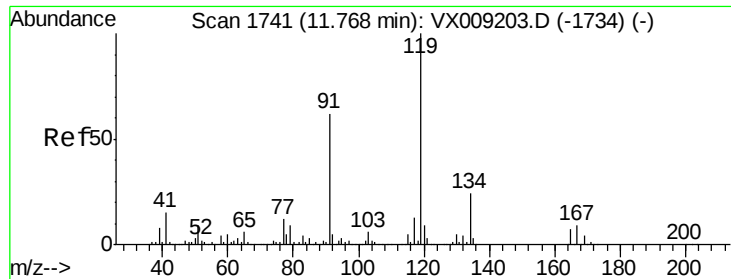
91 100

126 28.8 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

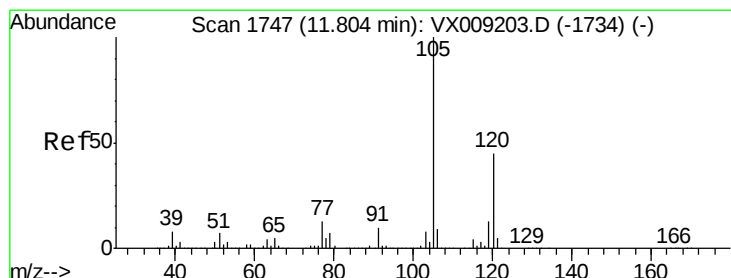
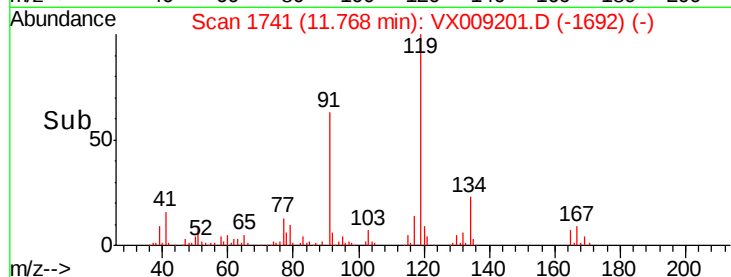
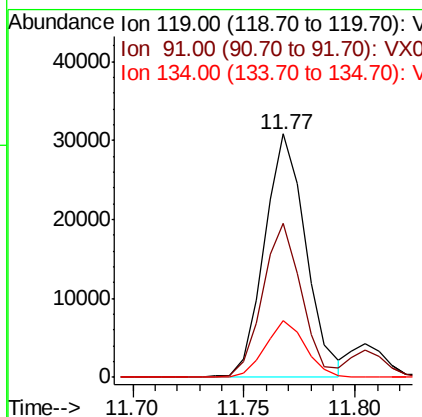
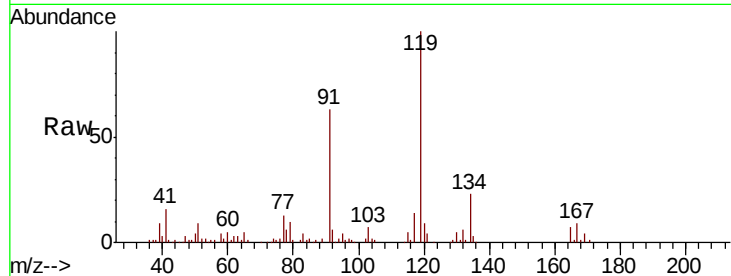




#83
 tert-Butylbenzene
 Concen: 4.885 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

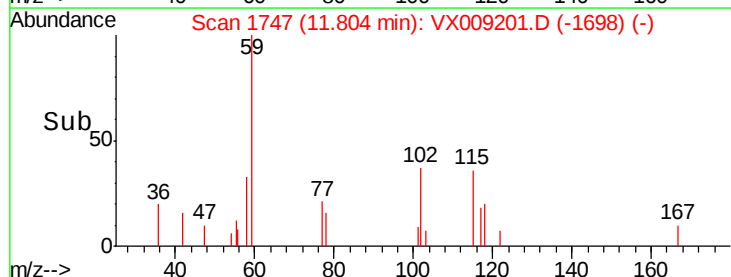
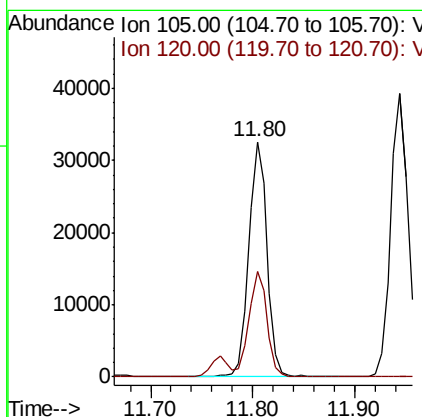
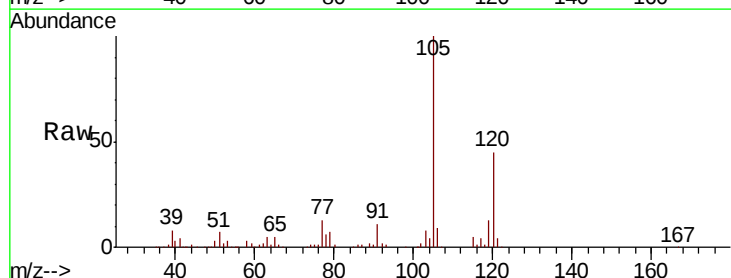
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:119 Resp: 39741
 Ion Ratio Lower Upper
 119 100
 91 60.3 29.5 88.5
 134 22.6 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 4.717 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

Tgt Ion:105 Resp: 40588
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.0 66.0

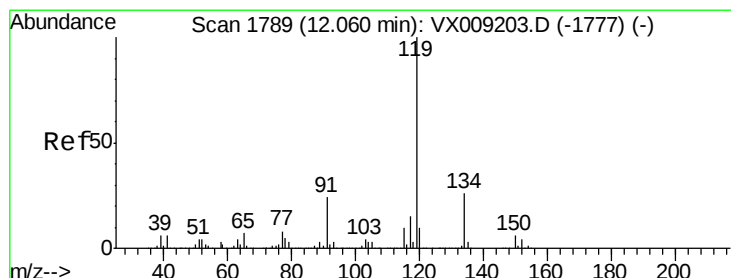
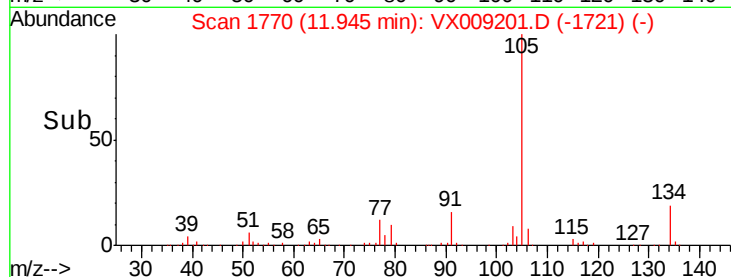
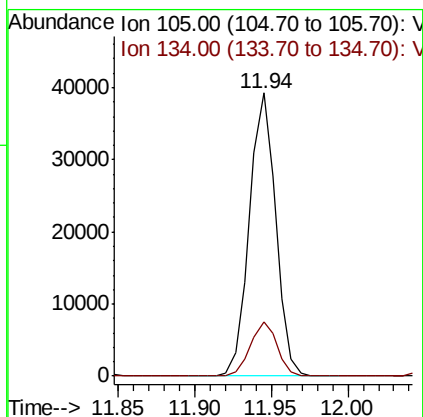
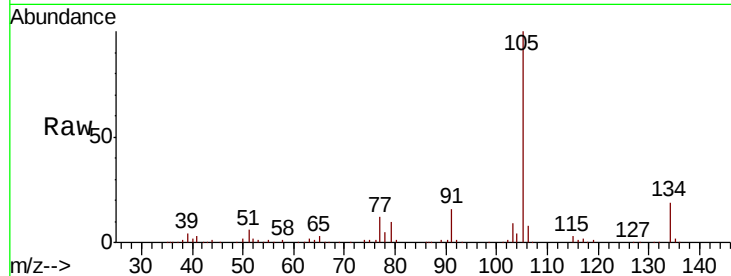




#85
 sec-Butylbenzene
 Concen: 4.849 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

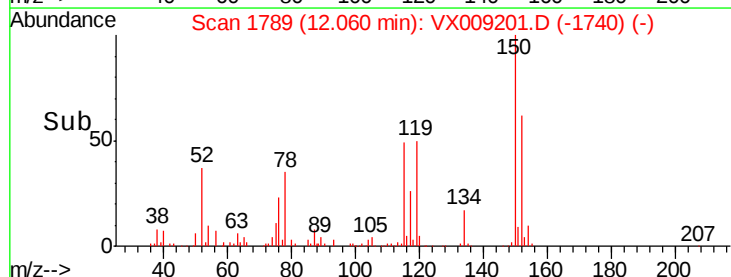
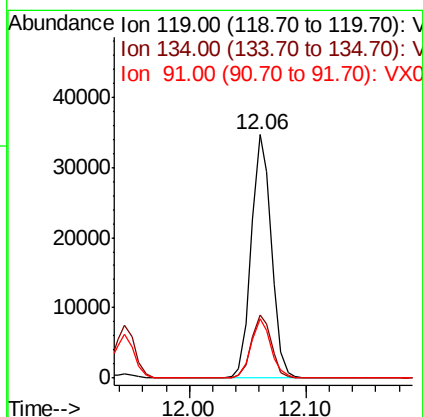
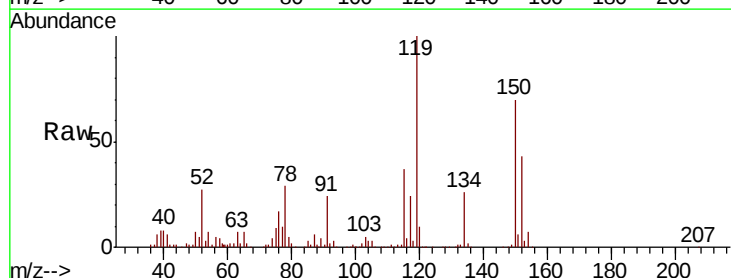
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

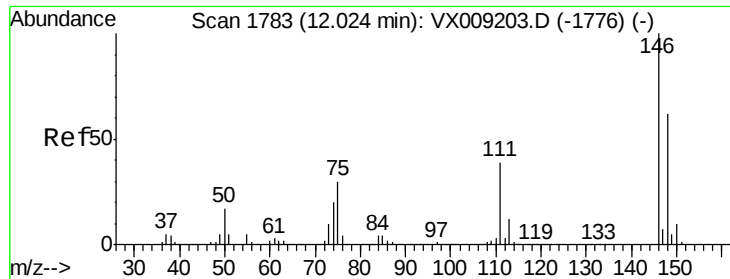
Tgt Ion:105 Resp: 46948
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 4.719 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

Tgt Ion:119 Resp: 41976
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 24.4 11.8 35.4

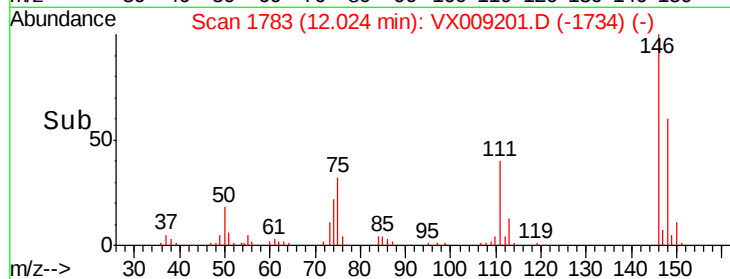
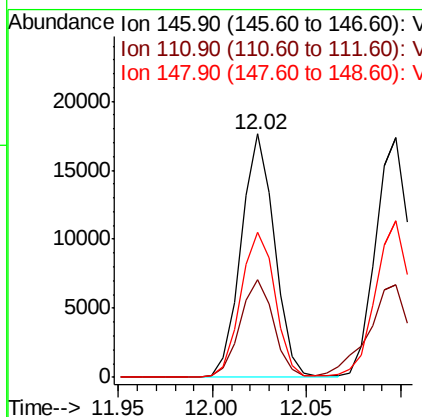
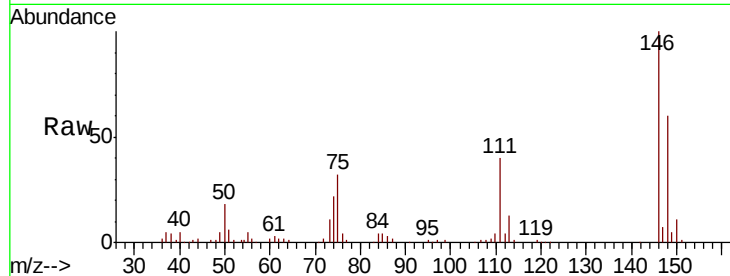




#87
 1,3-Dichlorobenzene
 Concen: 4.858 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

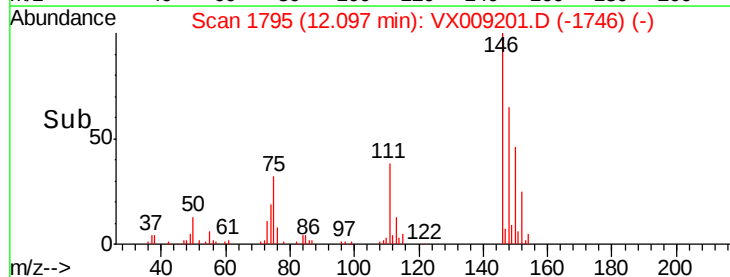
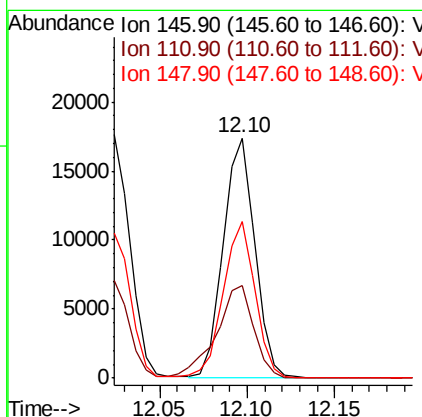
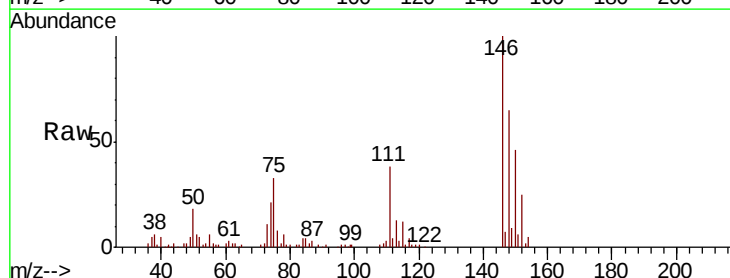
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

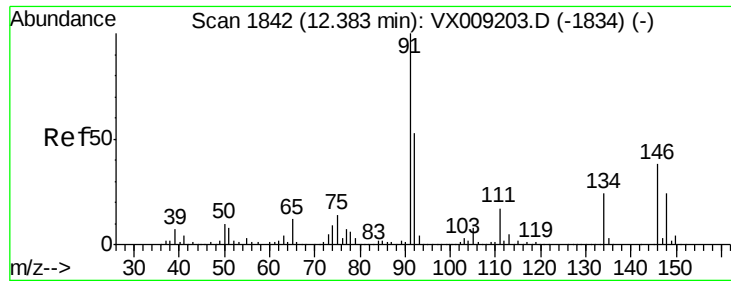
Tgt Ion:146 Resp: 21674
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.0 59.9
 148 61.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 4.835 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

Tgt Ion:146 Resp: 21878
 Ion Ratio Lower Upper
 146 100
 111 45.7 19.6 58.8
 148 66.3 31.8 95.3

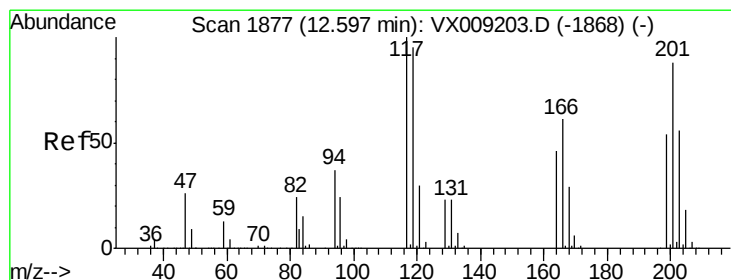
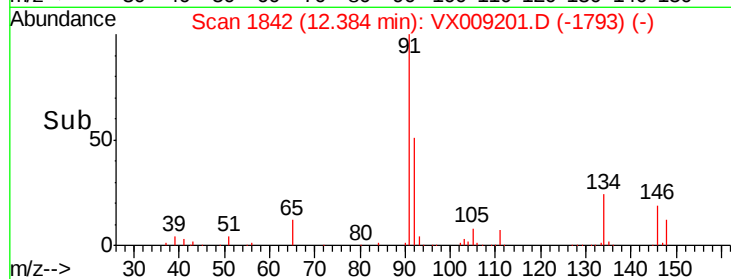
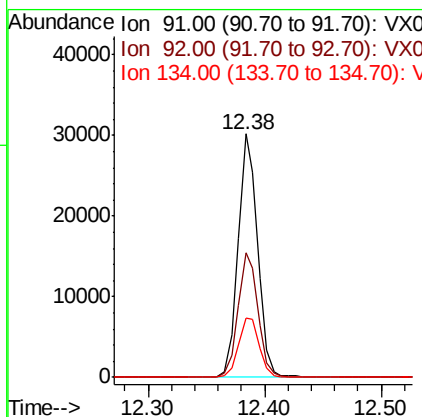
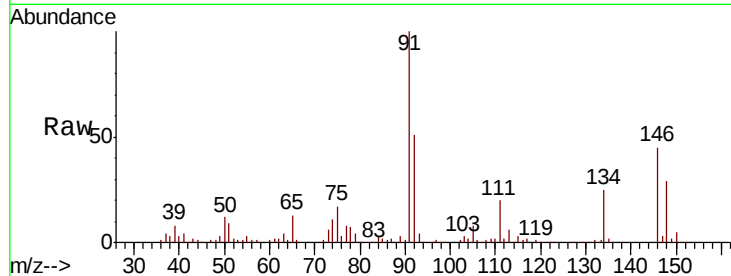




#89
n-Butylbenzene
Concen: 4.286 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

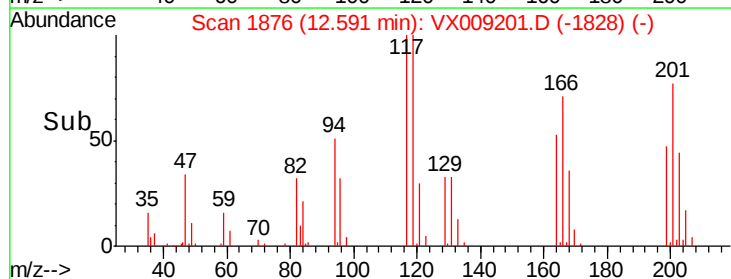
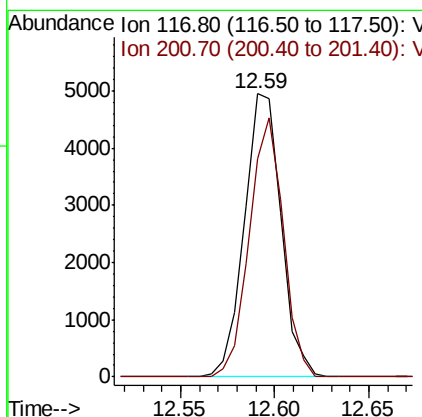
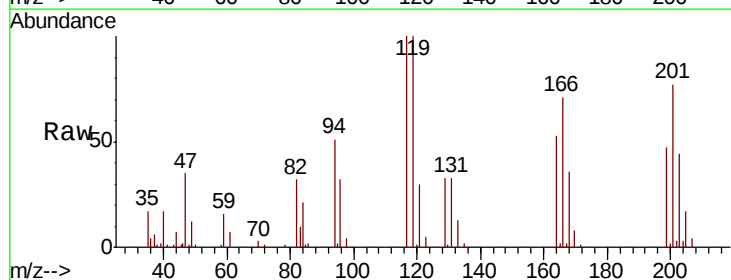
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

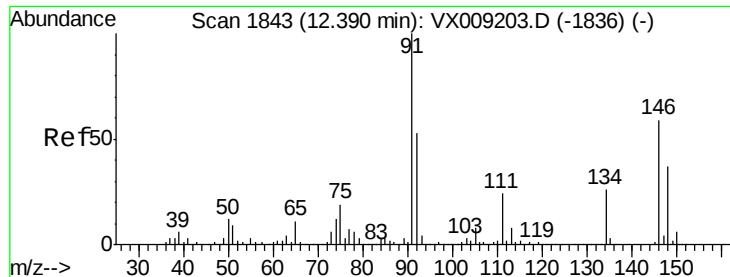
Tgt Ion: 91 Resp: 35298
Ion Ratio Lower Upper
91 100
92 52.1 26.5 79.5
134 25.7 12.4 37.2



#90
Hexachloroethane
Concen: 4.578 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

Tgt Ion: 117 Resp: 6724
Ion Ratio Lower Upper
117 100
201 84.0 42.3 126.9

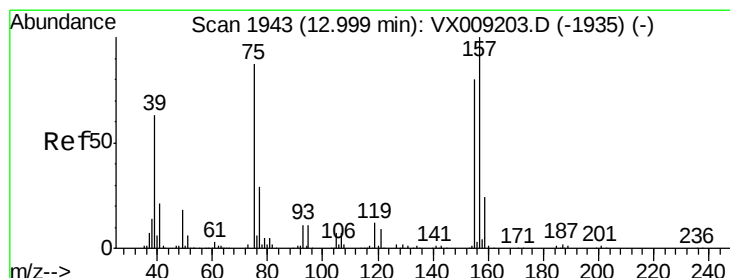
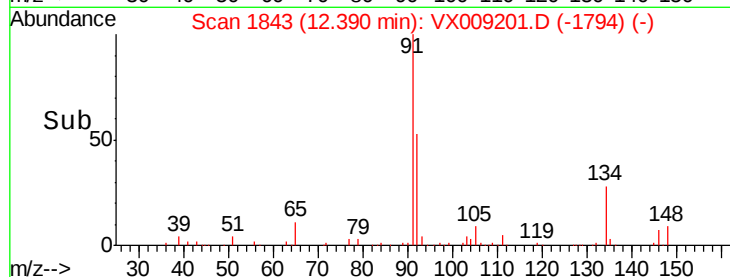
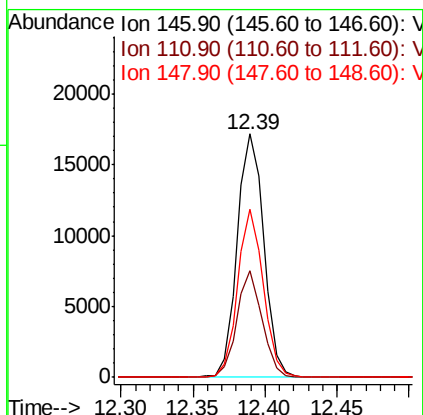
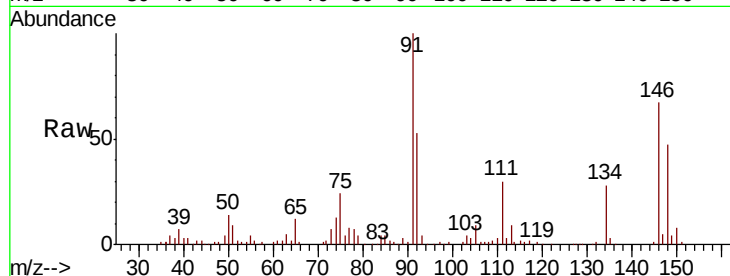




#91
 1,2-Dichlorobenzene
 Concen: 5.004 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

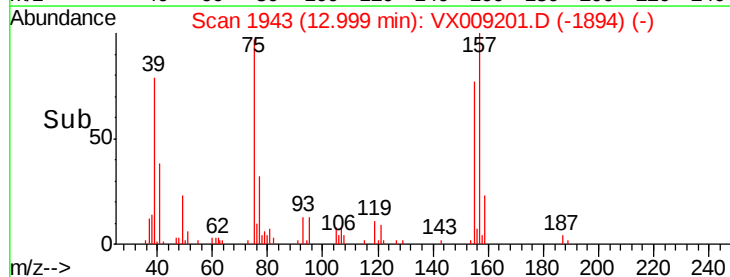
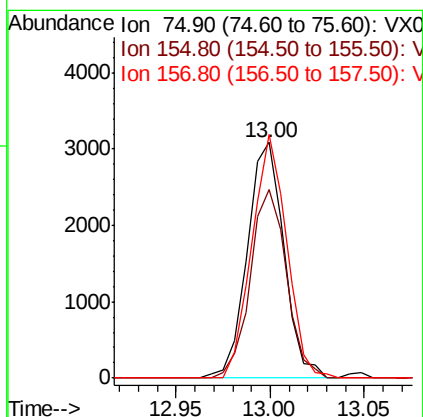
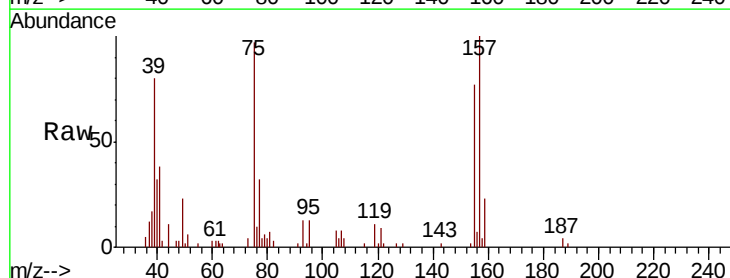
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 146 Resp: 22155
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.4
 148 66.1 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.914 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009201.D
 Acq: 29 Apr 2019 12:10

Tgt Ion: 75 Resp: 4156
 Ion Ratio Lower Upper
 75 100
 155 78.9 42.0 126.0
 157 98.3 53.2 159.6





#93

1,2,4-Trichlorobenzene

Concen: 4.476 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

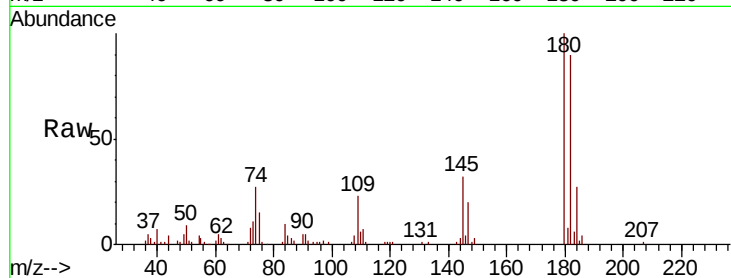
Tgt Ion:180 Resp: 14231

Ion Ratio Lower Upper

180 100

182 94.0 48.4 145.2

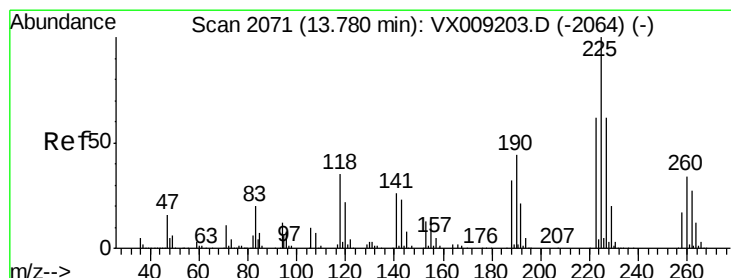
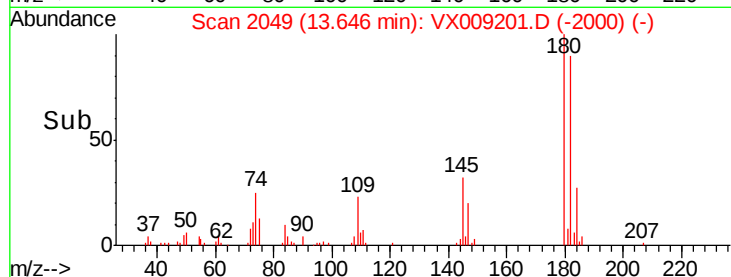
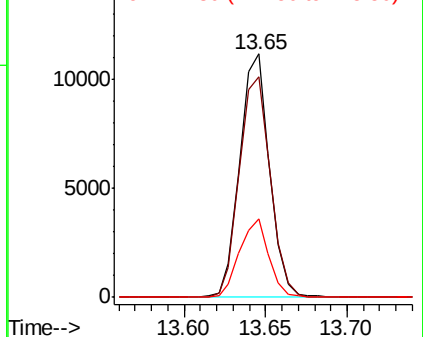
145 31.6 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 4.801 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX009201.D

Acq: 29 Apr 2019 12:10

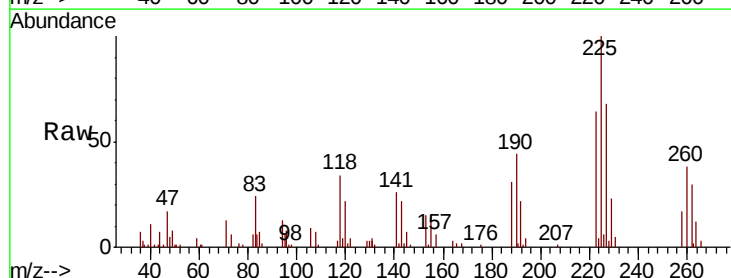
Tgt Ion:225 Resp: 7616

Ion Ratio Lower Upper

225 100

223 61.3 31.3 93.8

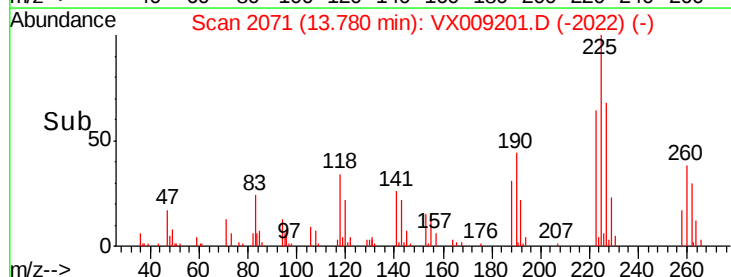
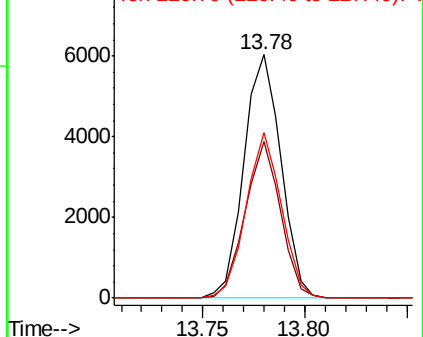
227 65.1 31.8 95.3

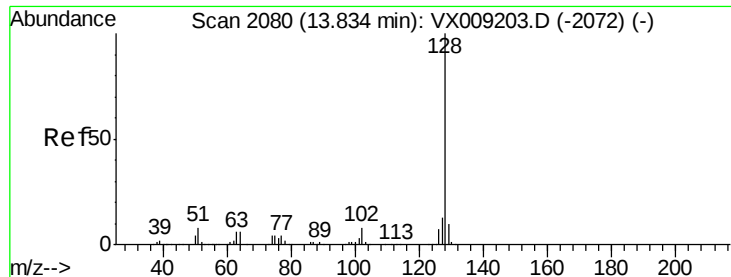


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

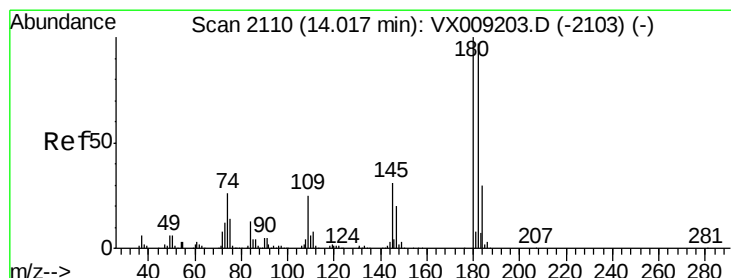
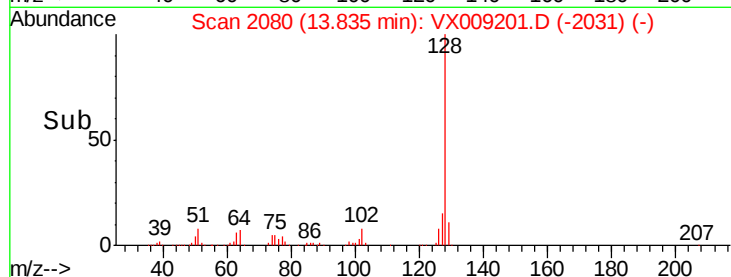
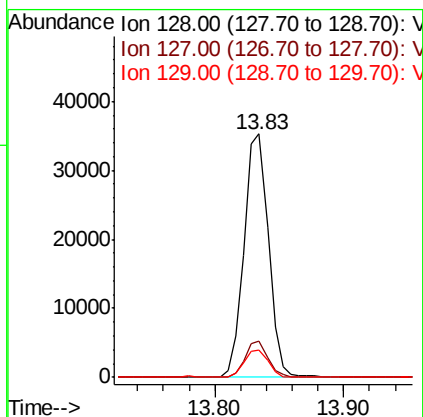
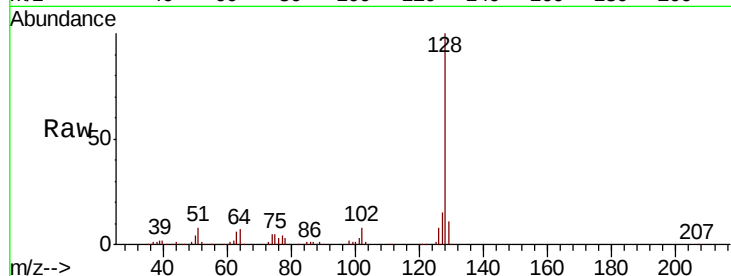




#95
Naphthalene
Concen: 4.499 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 45983
Ion Ratio Lower Upper
128 100
127 14.0 10.4 15.6
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.629 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009201.D
Acq: 29 Apr 2019 12:10

Tgt Ion:180 Resp: 14587
Ion Ratio Lower Upper
180 100
182 94.6 47.8 143.4
145 32.8 15.4 46.4

