

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
 Data File : VX013203.D
 Acq On : 24 Oct 2019 11:41
 Operator : JC/SP
 Sample : VX1025WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

Quant Time: Oct 25 01:18:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	108163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	156892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	160636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109782	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	106370	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	
35) Dibromofluoromethane	5.48	113	85460	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	
50) Toluene-d8	8.71	98	312513	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	11.13	95	125083	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	37469	17.168	ug/l	99
3) Chloromethane	1.32	50	29879	17.276	ug/l	100
4) Vinyl Chloride	1.40	62	31492	16.033	ug/l	97
5) Bromomethane	1.63	94	21102	20.270	ug/l	97
6) Chloroethane	1.72	64	21060	17.498	ug/l	93
7) Trichlorofluoromethane	1.92	101	55639	18.143	ug/l	97
8) Diethyl Ether	2.17	74	18168	17.091	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	33423	17.413	ug/l	98
10) Methyl Iodide	2.50	142	35422	17.151	ug/l	100
11) Tert butyl alcohol	3.02	59	41835	84.538	ug/l	100
12) 1,1-Dichloroethene	2.36	96	31216	16.942	ug/l	95
13) Acrolein	2.28	56	19986	75.298	ug/l	95
14) Allyl chloride	2.72	41	47103	16.238	ug/l	98
15) Acrylonitrile	3.13	53	80875	81.105	ug/l	98
16) Acetone	2.43	43	92080	86.395	ug/l	97
17) Carbon Disulfide	2.56	76	79764	16.102	ug/l	99
18) Methyl Acetate	2.76	43	38447	17.169	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	109748	16.914	ug/l	98
20) Methylene Chloride	2.84	84	34890	17.693	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	33715	17.895	ug/l	90
22) Diisopropyl ether	3.84	45	95345	16.810	ug/l	90
23) Vinyl Acetate	3.80	43	407898	84.612	ug/l	98
24) 1,1-Dichloroethane	3.69	63	58092	16.651	ug/l	98
25) 2-Butanone	4.65	43	115150	80.561	ug/l	100
26) 2,2-Dichloropropane	4.57	77	54192	16.808	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	38288	16.967	ug/l	99
28) Bromochloromethane	5.00	49	16605	18.459	ug/l	99
29) Tetrahydrofuran	5.11	42	67097	77.878	ug/l	99
30) Chloroform	5.19	83	63185	17.011	ug/l	99
31) Cyclohexane	5.56	56	52696	18.011	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	56746	17.182	ug/l	99
36) 1,1-Dichloropropene	5.79	75	46740	17.748	ug/l	99
37) Ethyl Acetate	4.82	43	41141	15.736	ug/l	98
38) Carbon Tetrachloride	5.77	117	49309	17.003	ug/l	91

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

Quant Time: Oct 25 01:18:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	57124	17.008	ug/l	99
40) Benzene	6.13	78	133702	16.966	ug/l	98
41) Methacrylonitrile	5.03	41	23557	16.806	ug/l	99
42) 1,2-Dichloroethane	6.18	62	53259	17.925	ug/l	99
43) Isopropyl Acetate	6.43	43	71454	16.461	ug/l	100
44) Trichloroethene	7.20	130	37932	16.960	ug/l	96
45) 1,2-Dichloropropane	7.50	63	32973	16.706	ug/l	94
46) Dibromomethane	7.65	93	23461	16.498	ug/l	96
47) Bromodichloromethane	7.89	83	47404	17.106	ug/l	95
48) Methyl methacrylate	7.76	41	34228	15.953	ug/l	99
49) 1,4-Dioxane	7.73	88	17742	324.914	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	215634	81.498	ug/l	99
52) Toluene	8.78	92	87844	16.820	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	52055	17.676	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	56920	17.668	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	36056	17.462	ug/l	98
56) Ethyl methacrylate	9.17	69	53445	17.198	ug/l	99
57) 1,3-Dichloropropane	9.37	76	57177	16.412	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	111080	91.605	ug/l	100
59) 2-Hexanone	9.48	43	169260	83.047	ug/l	100
60) Dibromochloromethane	9.57	129	37304	17.242	ug/l	98
61) 1,2-Dibromoethane	9.67	107	37540	17.126	ug/l	100
64) Tetrachloroethene	9.33	164	38166	18.024	ug/l	96
65) Chlorobenzene	10.14	112	94366	16.782	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	35619	17.147	ug/l	98
67) Ethyl Benzene	10.24	91	171093	16.996	ug/l	99
68) m/p-Xylenes	10.35	106	128800	33.856	ug/l	98
69) o-Xylene	10.70	106	61723	16.913	ug/l	98
70) Styrene	10.71	104	106172	16.895	ug/l	99
71) Bromoform	10.85	173	26383	17.382	ug/l #	100
73) Isopropylbenzene	11.01	105	172092	17.262	ug/l	99
74) N-amyl acetate	10.89	43	59344	16.219	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	51448	16.996	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	58410	22.075	ug/l	88
77) Bromobenzene	11.25	156	39788	16.652	ug/l	98
78) n-propylbenzene	11.35	91	189834	17.530	ug/l	100
79) 2-Chlorotoluene	11.42	91	114891	16.792	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	144419	17.429	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	14937	15.513	ug/l	94
82) 4-Chlorotoluene	11.51	91	132848	17.136	ug/l	97
83) tert-Butylbenzene	11.76	119	134237	16.374	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	143994	17.228	ug/l	99
85) sec-Butylbenzene	11.94	105	162779	17.448	ug/l	100
86) p-Isopropyltoluene	12.06	119	153093	17.467	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	74147	17.177	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	73931	16.822	ug/l	98
89) n-Butylbenzene	12.38	91	128308	17.895	ug/l	99
90) Hexachloroethane	12.59	117	24897	16.962	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	72542	17.090	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11932	15.851	ug/l	99

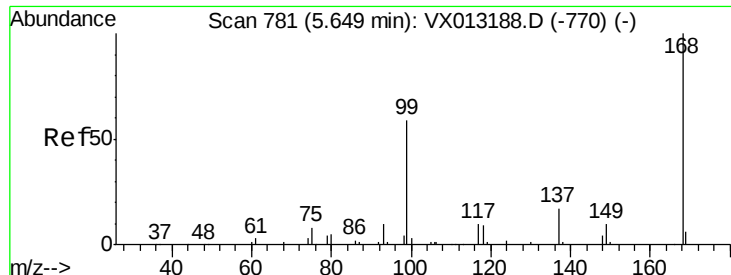
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
Data File : VX013203.D
Acq On : 24 Oct 2019 11:41
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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Quant Time: Oct 25 01:18:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	45740	17.113	ug/l	97
94) Hexachlorobutadiene	13.77	225	24206	17.507	ug/l	99
95) Naphthalene	13.83	128	143861	17.537	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	45848	17.359	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

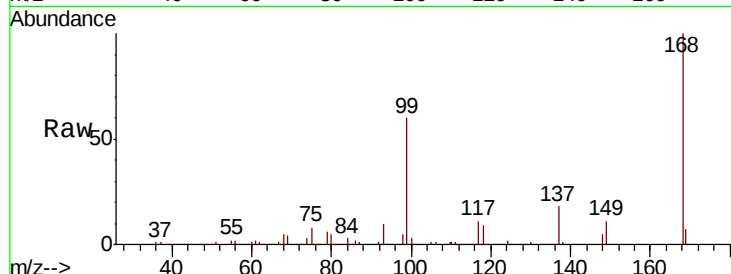
VX1025WBSD01

Tot Ion:168 Resp: 108163

Ion Ratio Lower Upper

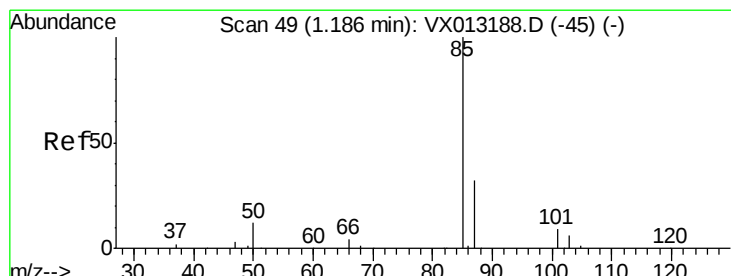
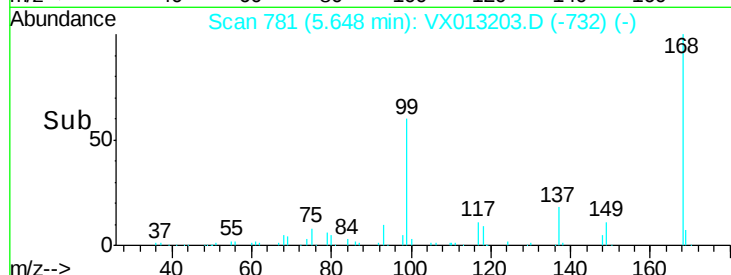
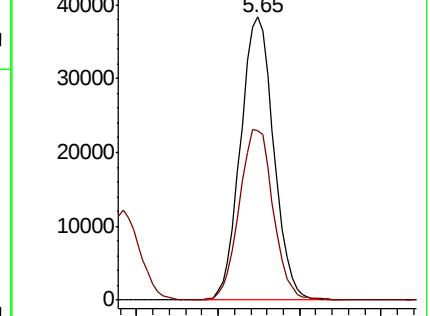
168 100

99 59.7 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.168 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013203.D

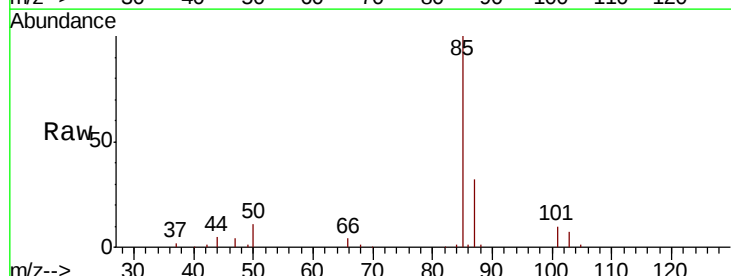
Acq: 24 Oct 2019 11:41

Tgt Ion: 85 Resp: 37469

Ion Ratio Lower Upper

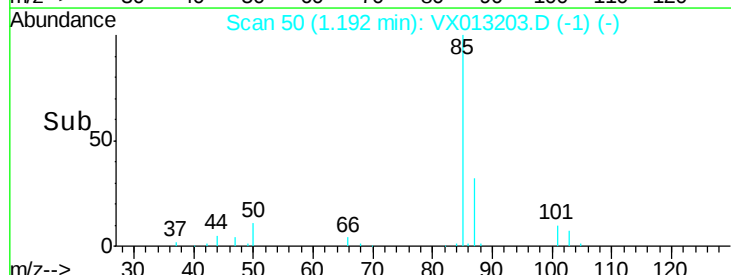
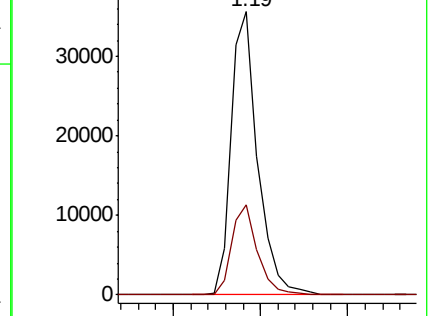
85 100

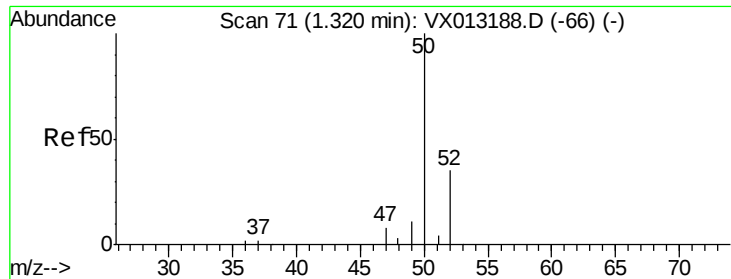
87 32.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.276 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

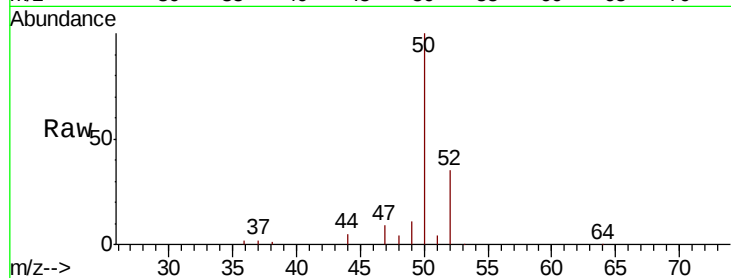
VX1025WBSD01

Tot Ion: 50 Resp: 29879

Ion Ratio Lower Upper

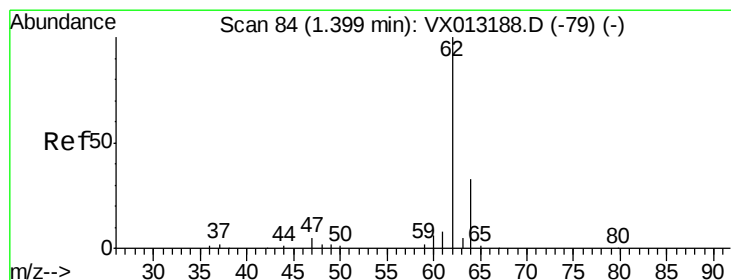
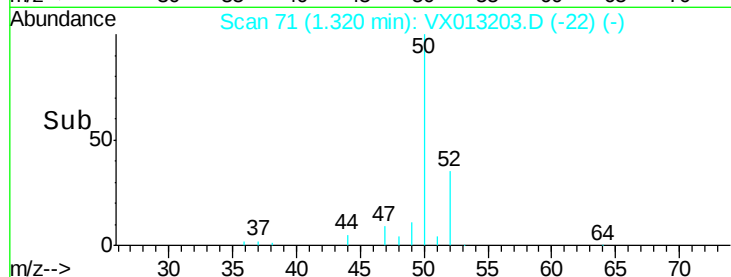
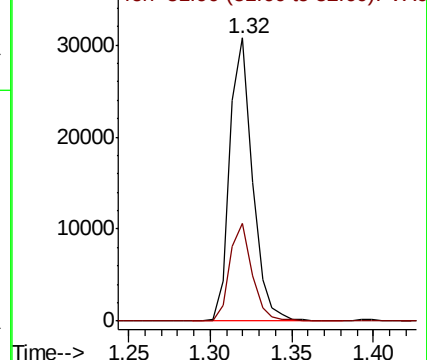
50 100

52 34.6 27.8 41.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.033 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013203.D

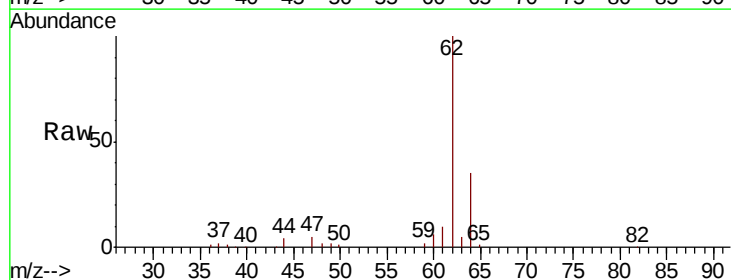
Acq: 24 Oct 2019 11:41

Tgt Ion: 62 Resp: 31492

Ion Ratio Lower Upper

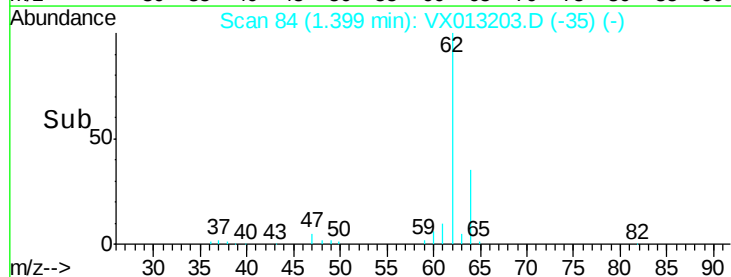
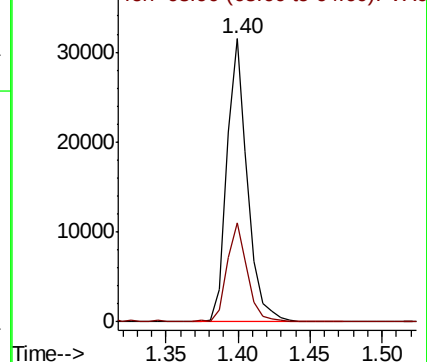
62 100

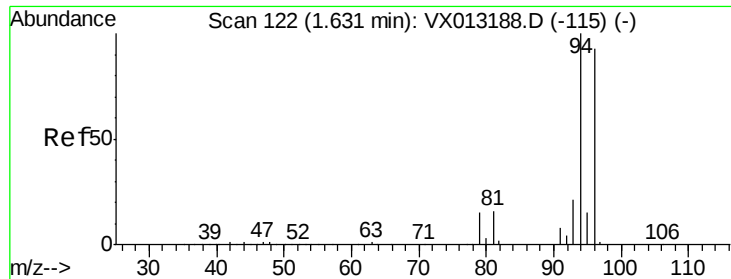
64 34.8 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

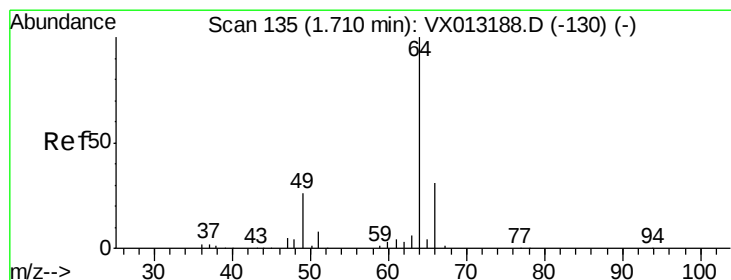
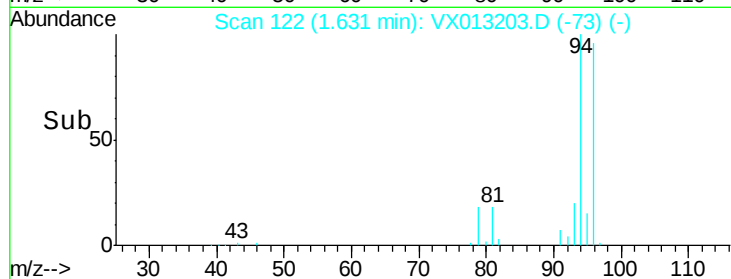
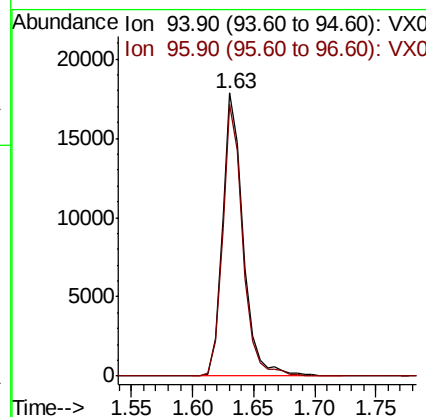
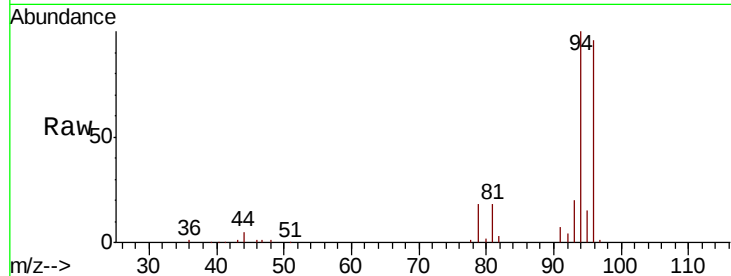




#5
 Bromomethane
 Concen: 20.270 ug/l
 RT: 1.63 min Scan# 122
 Delta R.T. -0.00 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

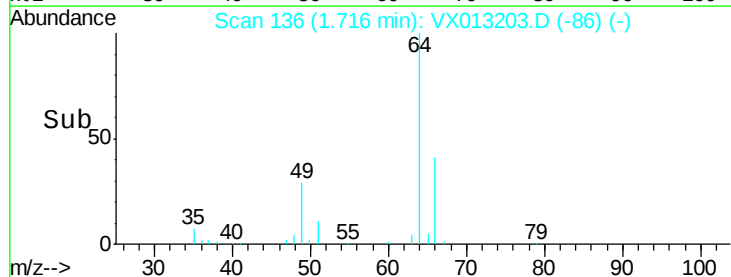
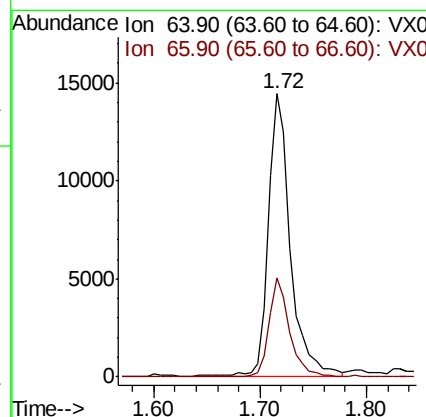
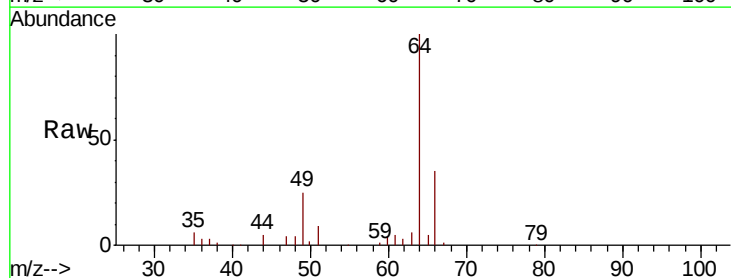
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

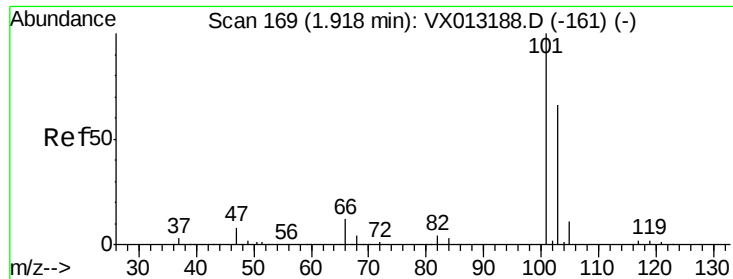
Tot Ion: 94 Resp: 21102
 Ion Ratio Lower Upper
 94 100
 96 96.0 74.2 111.2



#6
 Chloroethane
 Concen: 17.498 ug/l
 RT: 1.72 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

Tgt Ion: 64 Resp: 21060
 Ion Ratio Lower Upper
 64 100
 66 35.2 25.0 37.6



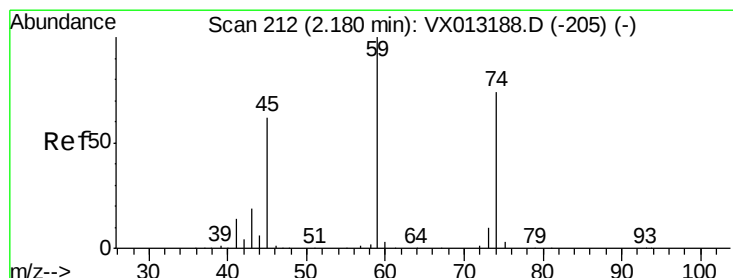
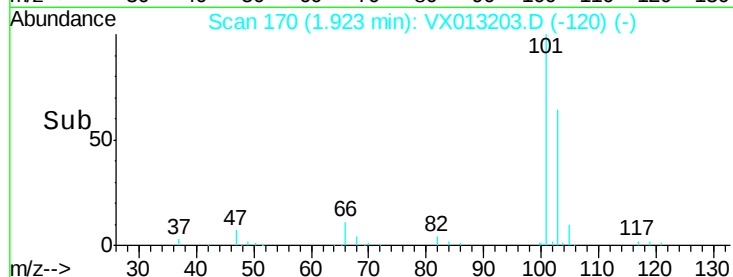
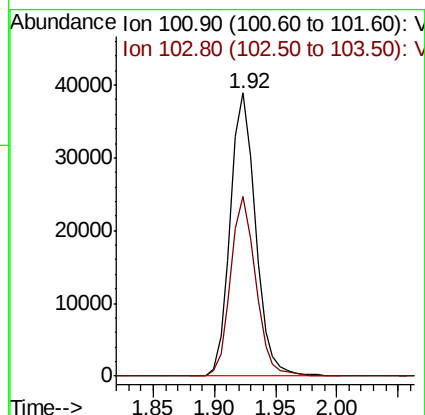
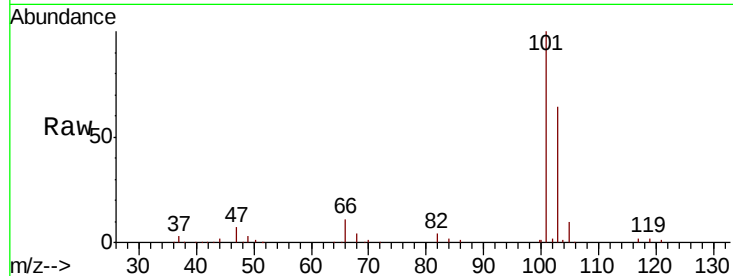


#7

Trichlorofluoromethane
 Concen: 18.143 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

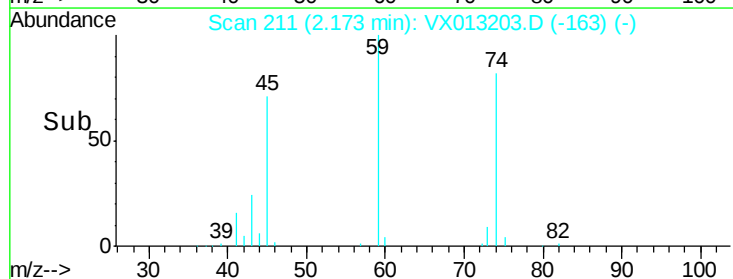
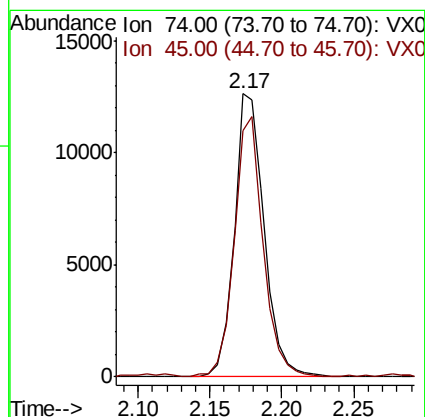
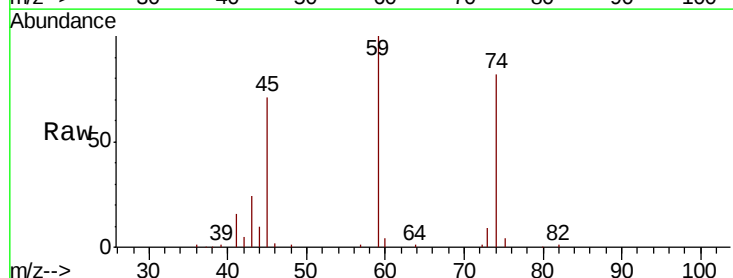
Tot Ion:101 Resp: 55639
 Ion Ratio Lower Upper
 101 100
 103 63.5 53.0 79.6

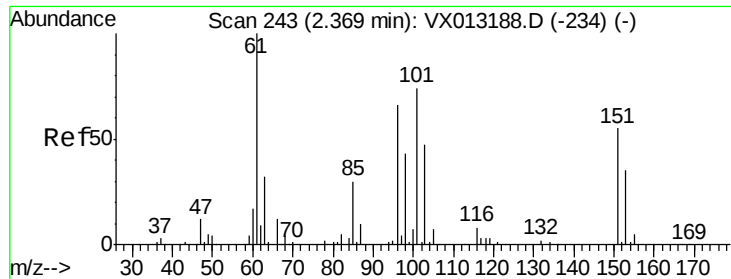


#8

Diethyl Ether
 Concen: 17.091 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

Tgt Ion: 74 Resp: 18168
 Ion Ratio Lower Upper
 74 100
 45 89.6 44.8 134.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.413 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

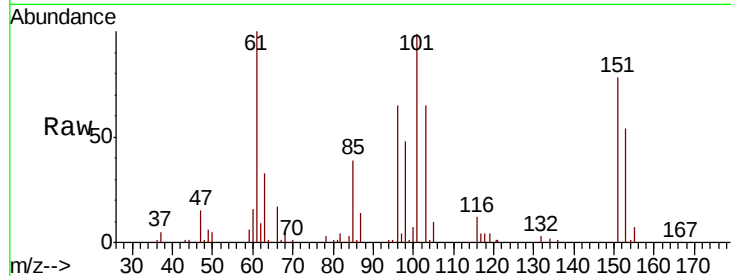
Tot Ion:101 Resp: 33423

Ion Ratio Lower Upper

101 100

85 43.5 34.0 51.0

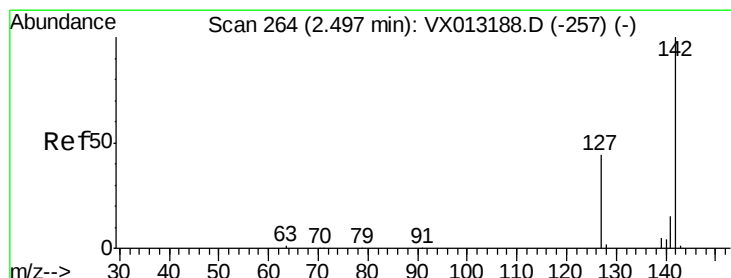
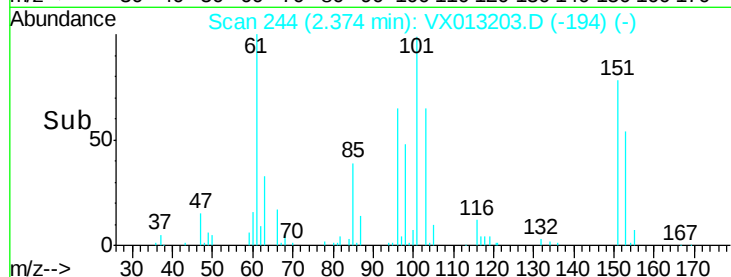
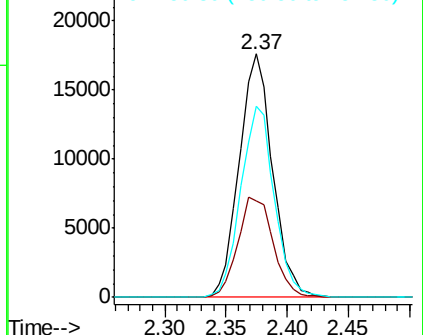
151 78.9 62.0 93.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.151 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

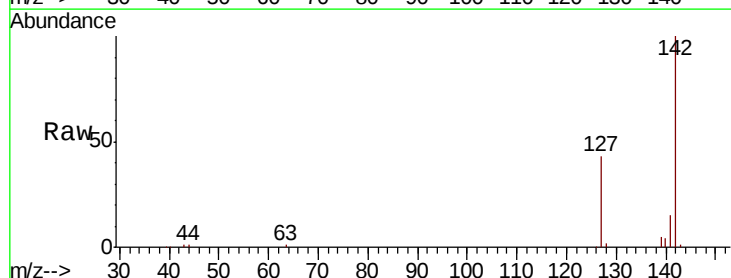
Tgt Ion:142 Resp: 35422

Ion Ratio Lower Upper

142 100

127 44.5 35.6 53.4

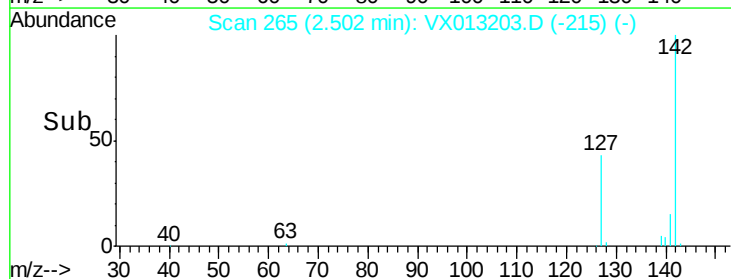
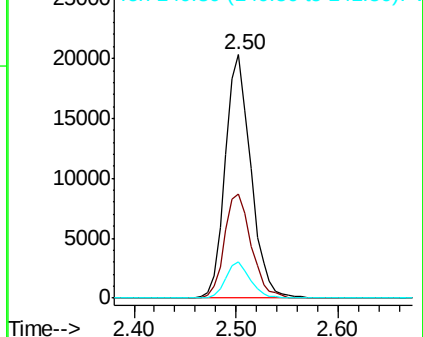
141 14.3 11.6 17.4

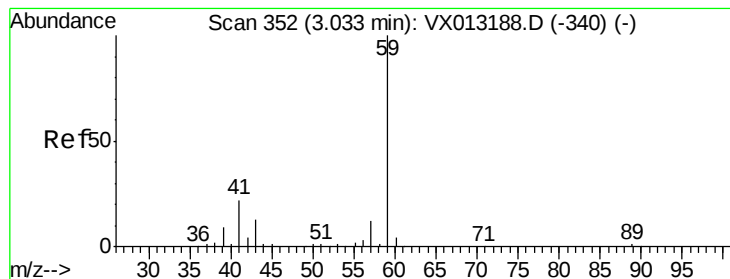


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 84.538 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

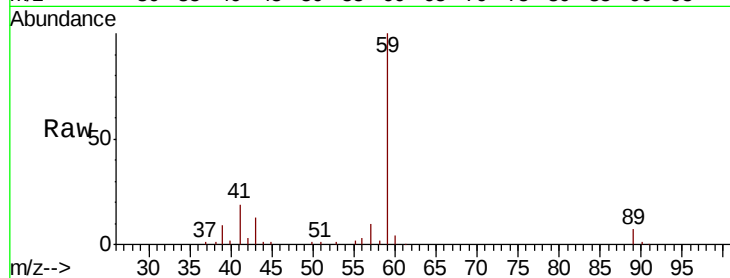
VX1025WBSD01

Tot Ion: 59 Resp: 41835

Ion Ratio Lower Upper

59 100

57 10.2 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.02

20000

15000

10000

5000

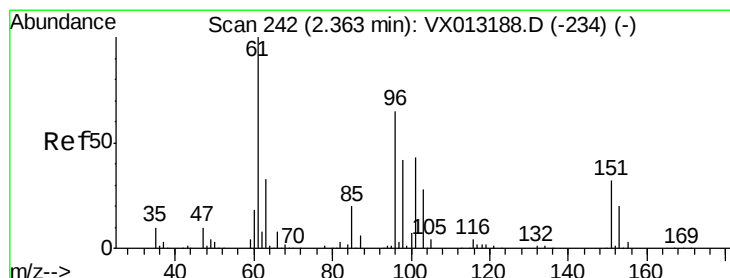
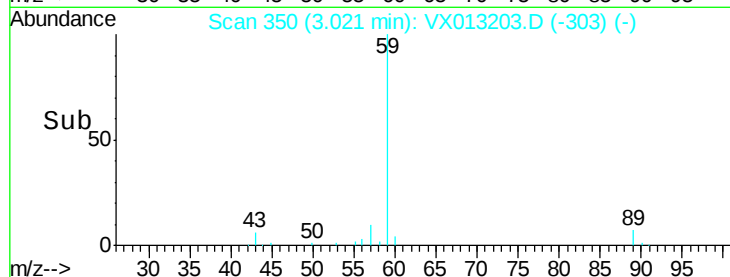
0

Time-->

2.90

3.00

3.10



#12

1,1-Dichloroethene

Concen: 16.942 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

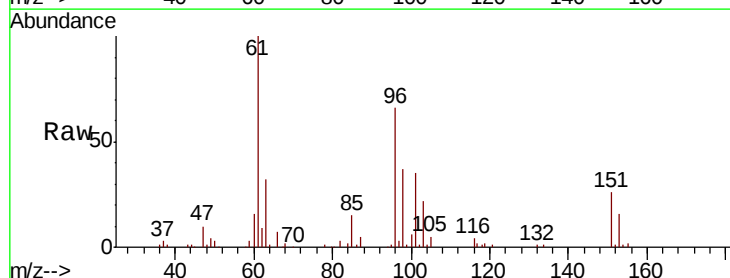
Tgt Ion: 96 Resp: 31216

Ion Ratio Lower Upper

96 100

61 151.8 123.8 185.8

98 56.2 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

40000

30000

20000

10000

0

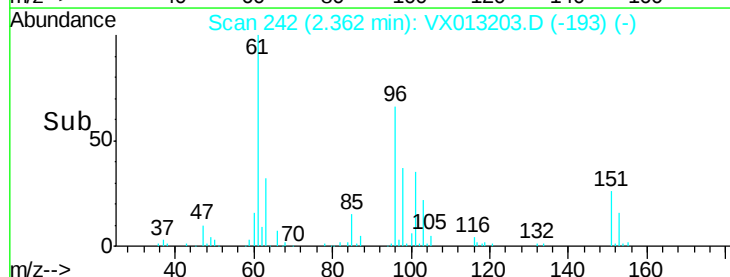
Time-->

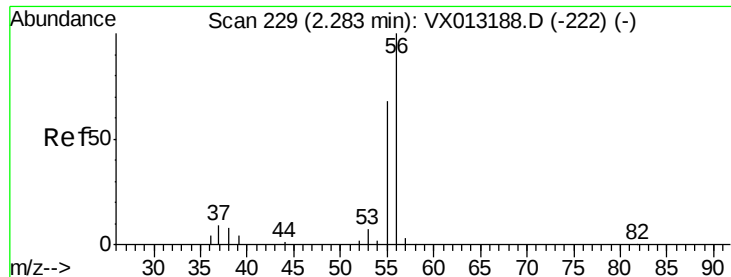
2.30

2.35

2.40

2.45





#13

Acrolein

Concen: 75.298 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

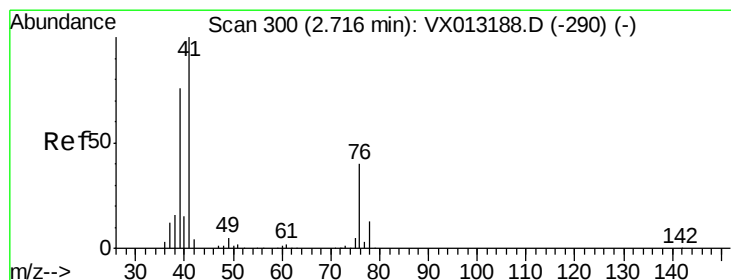
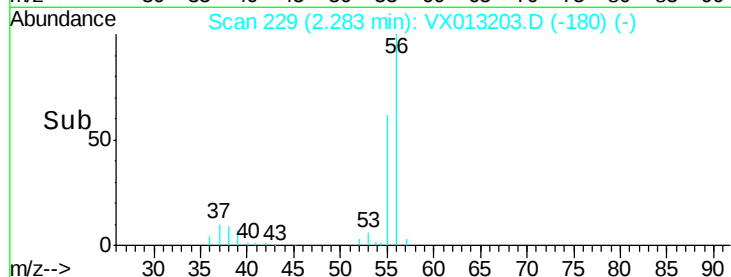
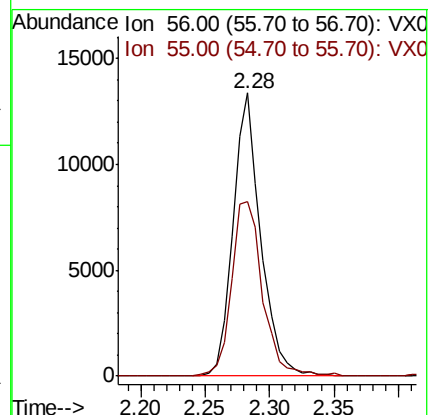
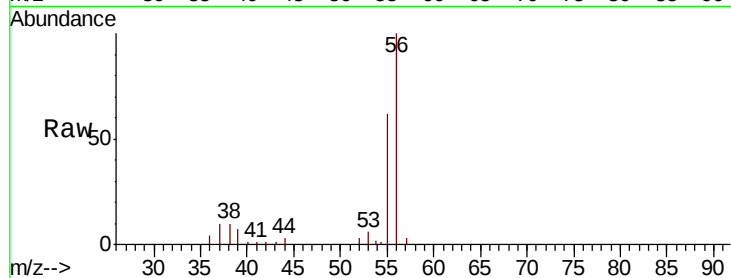
VX1025WBSD01

Tot Ion: 56 Resp: 19986

Ion Ratio Lower Upper

56 100

55 69.4 58.9 88.3



#14

Allyl chloride

Concen: 16.238 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

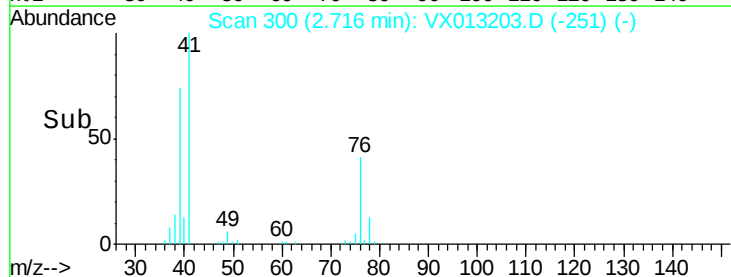
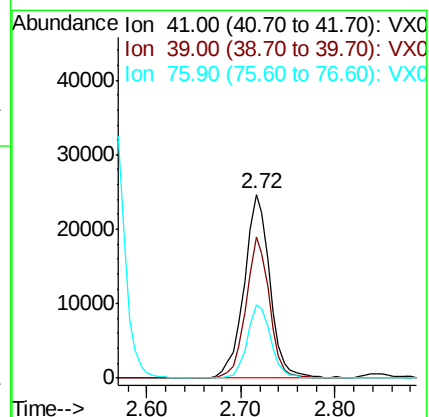
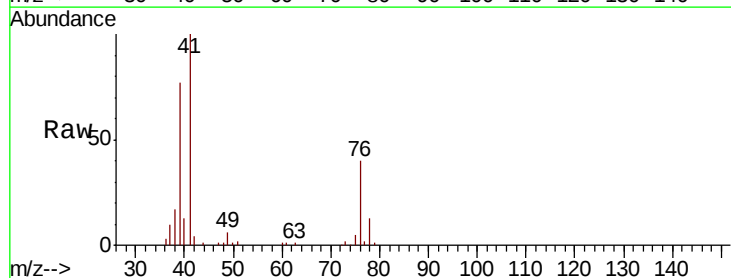
Tgt Ion: 41 Resp: 47103

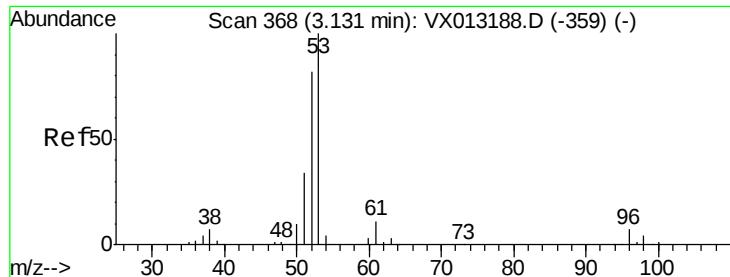
Ion Ratio Lower Upper

41 100

39 69.6 54.6 81.8

76 36.4 29.8 44.6





#15

Acrylonitrile

Concen: 81.105 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

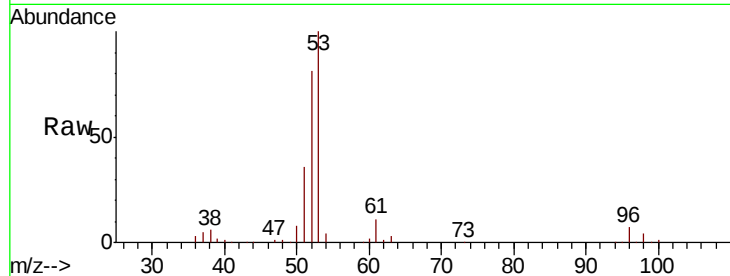
Tot Ion: 53 Resp: 80875

Ion Ratio Lower Upper

53 100

52 81.1 66.4 99.6

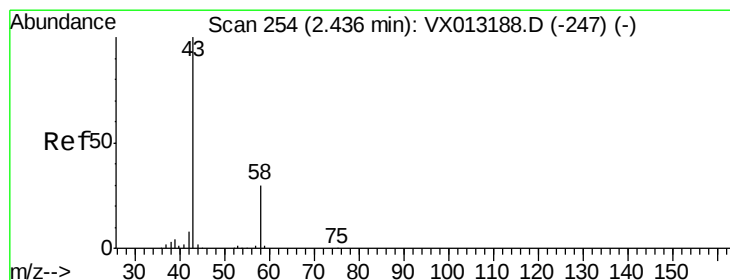
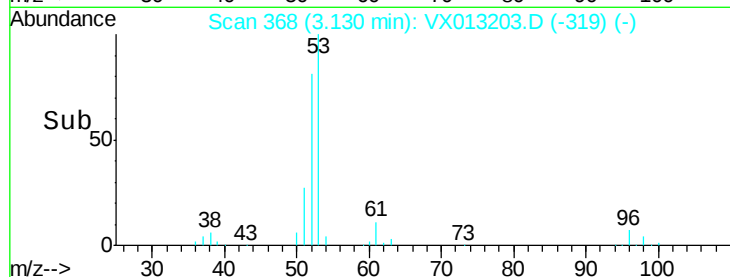
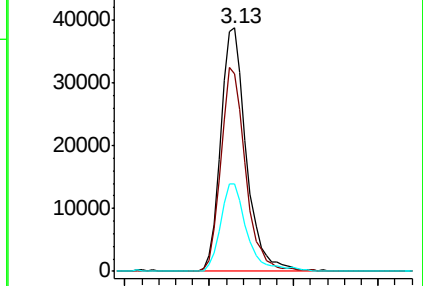
51 37.0 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 86.395 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013203.D

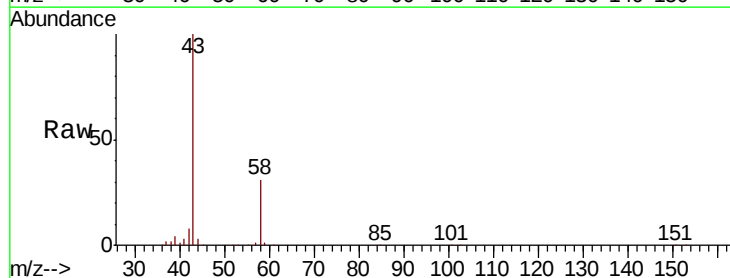
Acq: 24 Oct 2019 11:41

Tgt Ion: 43 Resp: 92080

Ion Ratio Lower Upper

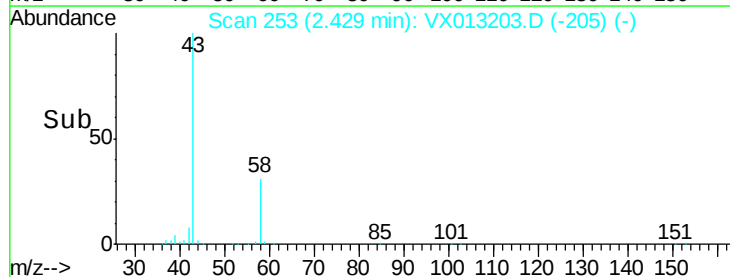
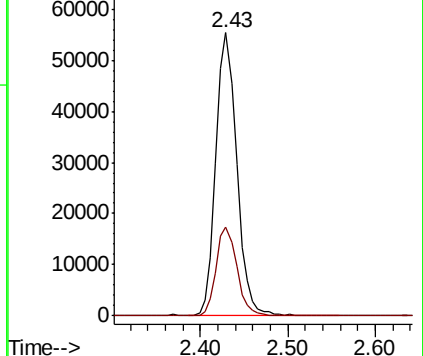
43 100

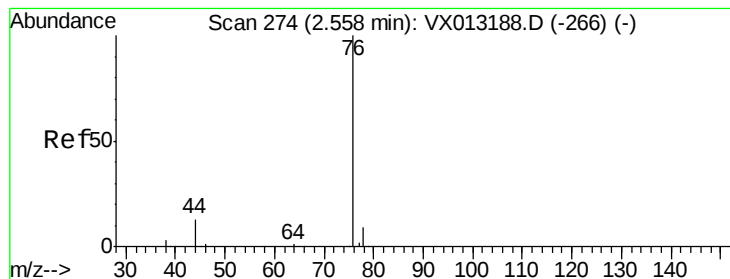
58 31.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.102 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

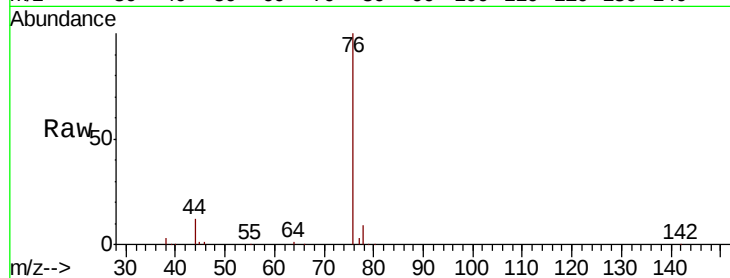
VX1025WBSD01

Tot Ion: 76 Resp: 79764

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

50000

40000

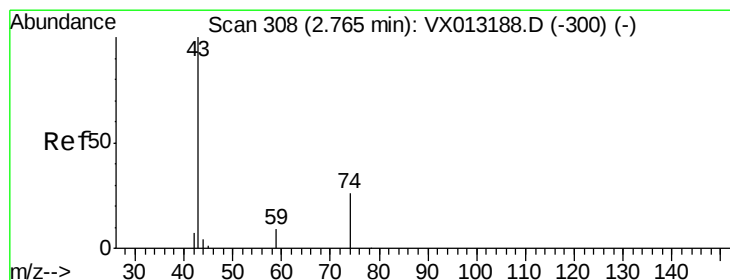
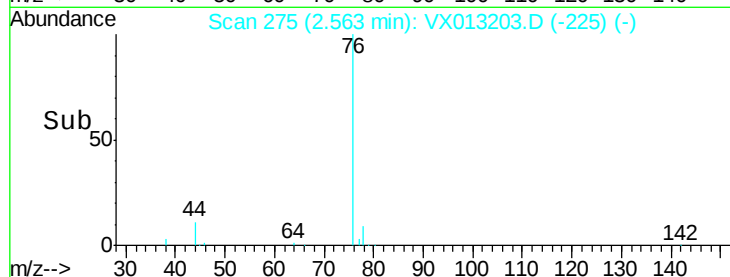
30000

20000

10000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 17.169 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX013203.D

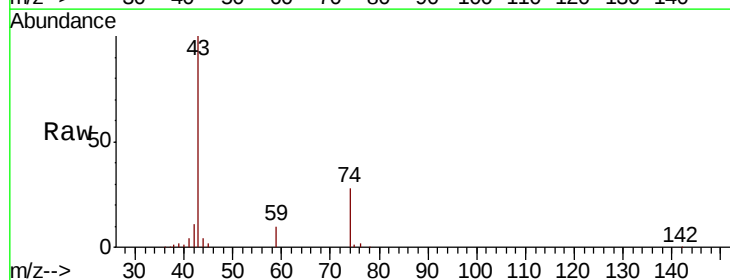
Acq: 24 Oct 2019 11:41

Tgt Ion: 43 Resp: 38447

Ion Ratio Lower Upper

43 100

74 27.0 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

25000

20000

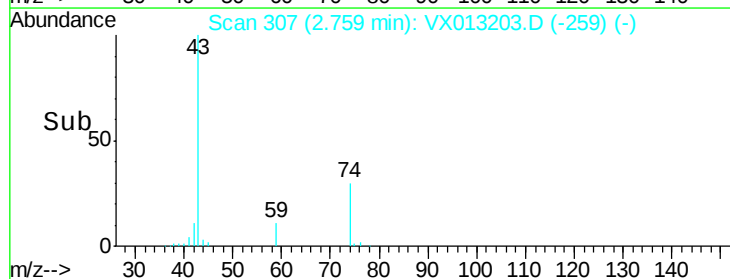
15000

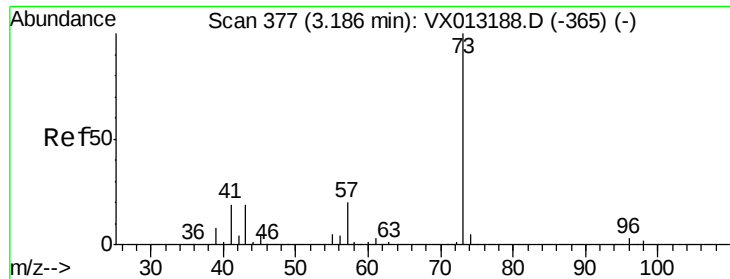
10000

5000

0

Time--> 2.65 2.70 2.75 2.80 2.85

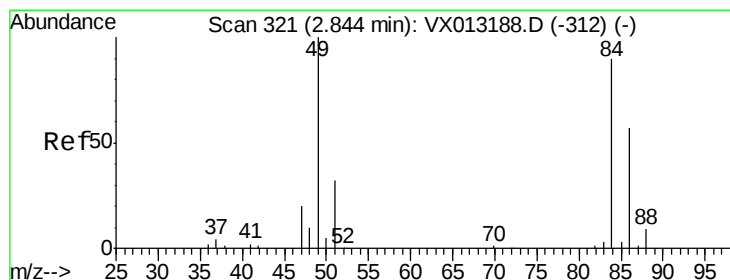
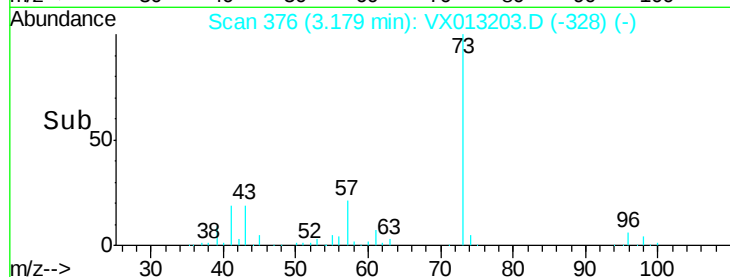
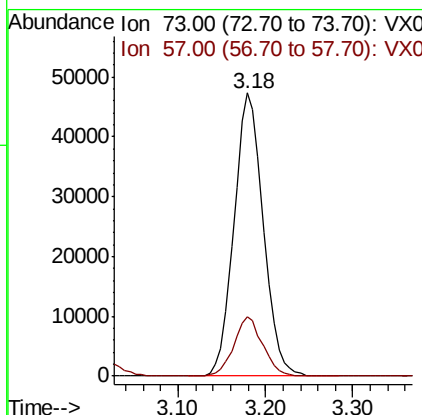
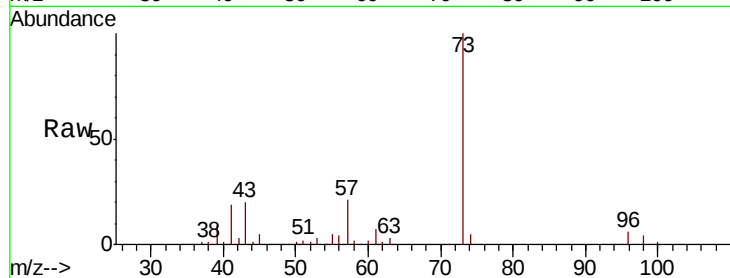




#19
Methvl tert-butvl Ether
Concen: 16.914 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

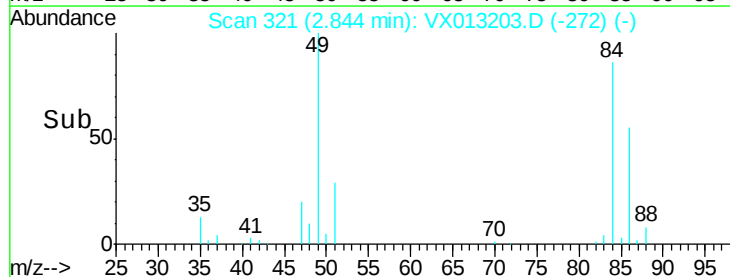
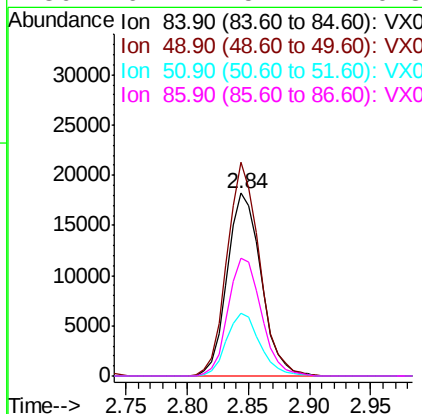
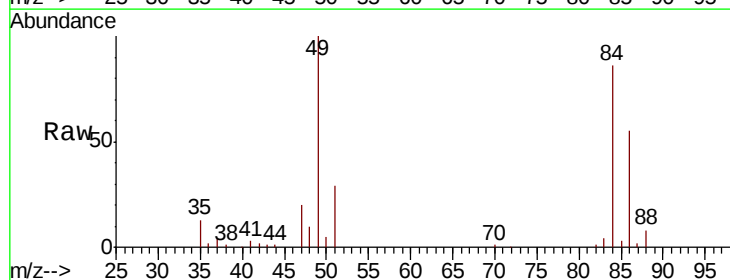
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

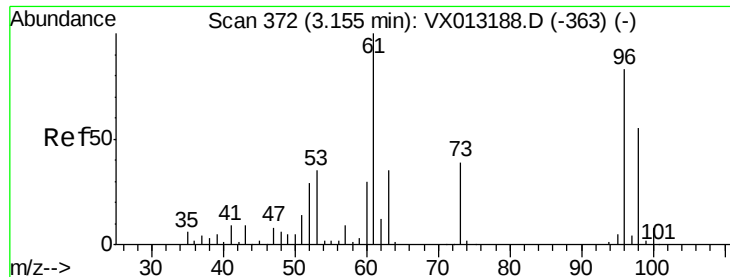
Tot Ion: 73 Resp: 109748
Ion Ratio Lower Upper
73 100
57 20.8 15.8 23.8



#20
Methylene Chloride
Concen: 17.693 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

Tgt Ion: 84 Resp: 34890
Ion Ratio Lower Upper
84 100
49 116.8 89.2 133.8
51 34.2 28.8 43.2
86 64.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 17.895 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

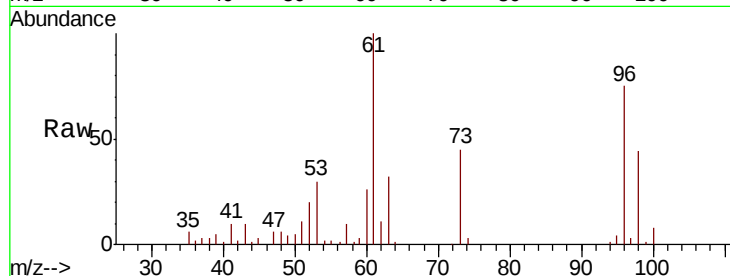
Tot Ion: 96 Resp: 33715

Ion Ratio Lower Upper

96 100

61 132.8 96.9 145.3

98 58.6 53.0 79.4

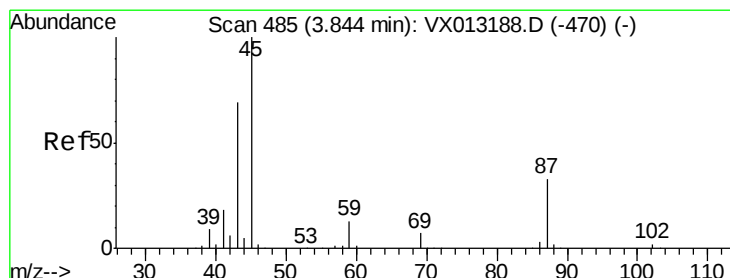
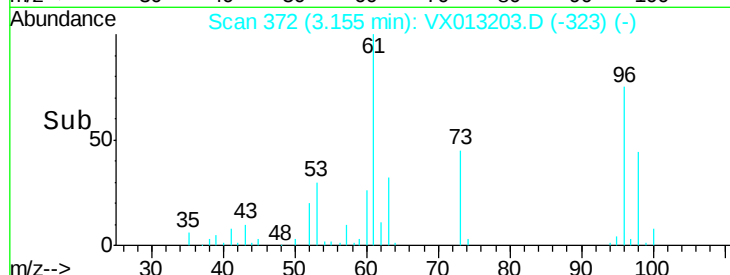
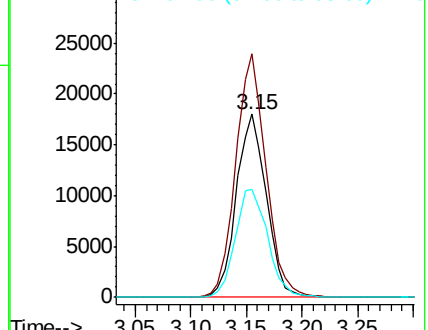


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 16.810 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Tgt Ion: 45 Resp: 95345

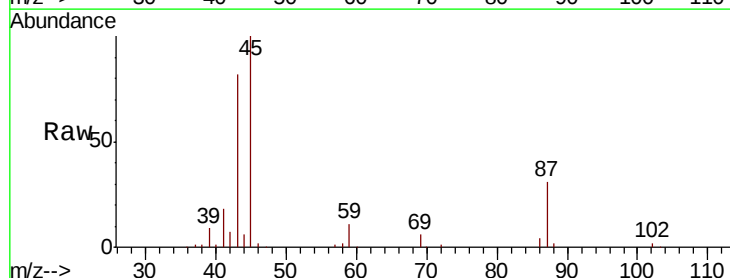
Ion Ratio Lower Upper

45 100

43 81.0 55.5 83.3

87 30.8 26.7 40.1

59 11.1 10.2 15.2



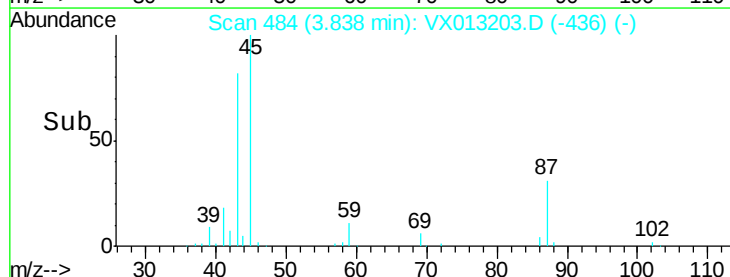
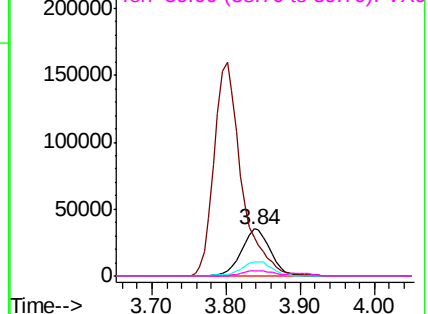
Abundance

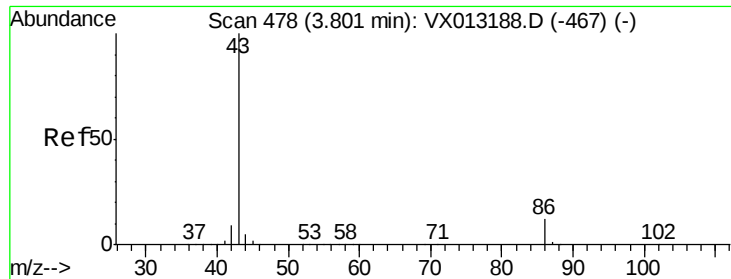
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 84.612 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

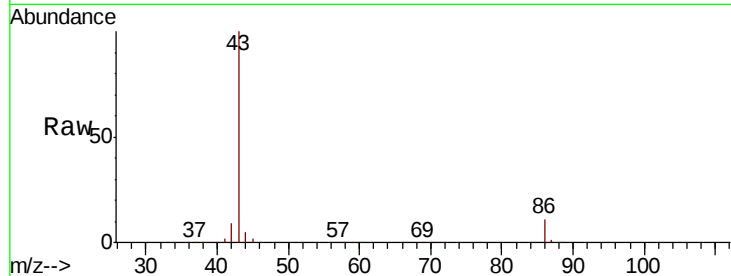
VX1025WBSD01

Tot Ion: 43 Resp: 407898

Ion Ratio Lower Upper

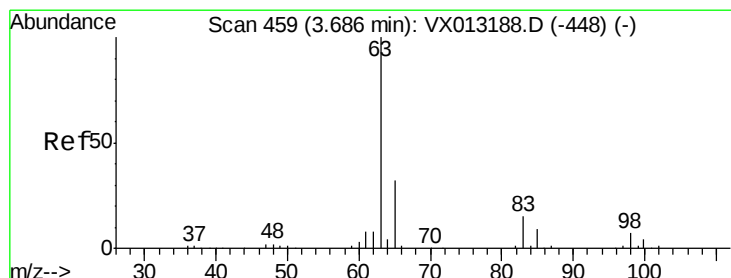
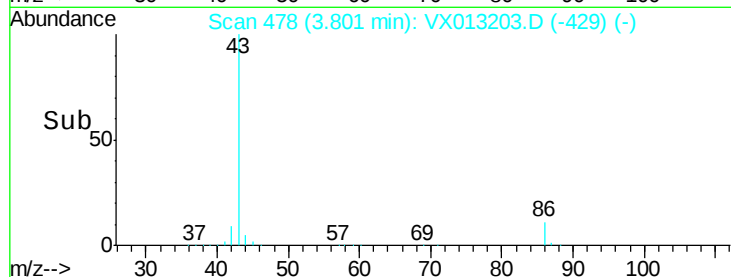
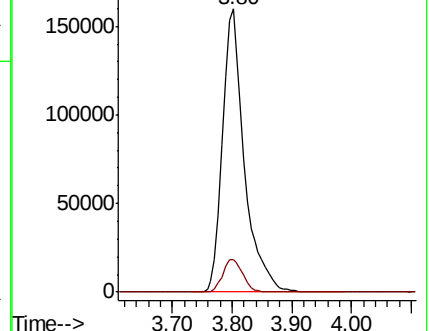
43 100

86 11.5 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 16.651 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

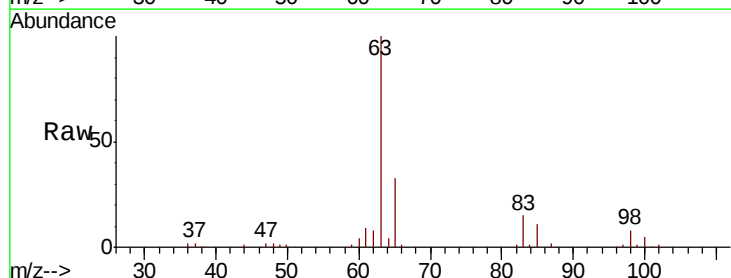
Tgt Ion: 63 Resp: 58092

Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.2

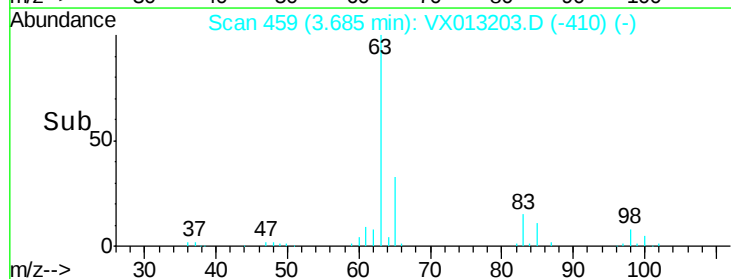
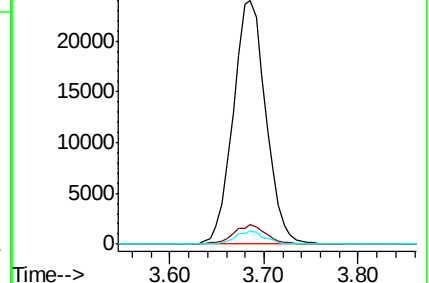
100 5.2 2.2 6.6

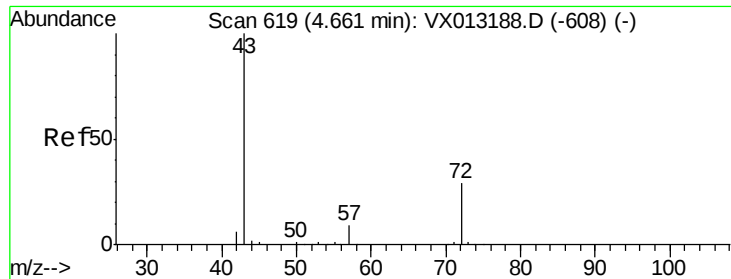


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 80.561 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

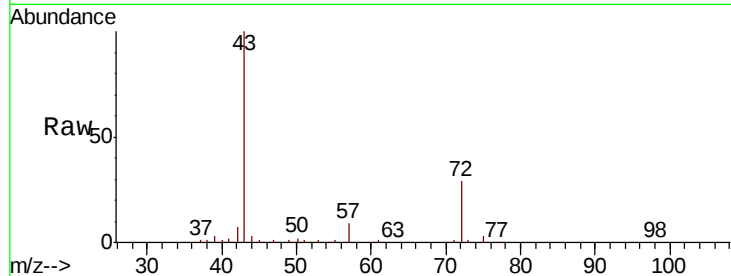
VX1025WBSD01

Tot Ion: 43 Resp: 115150

Ion Ratio Lower Upper

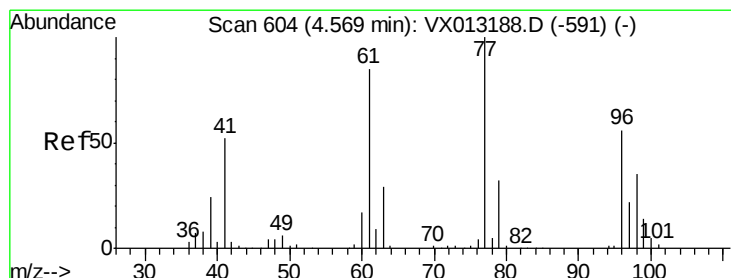
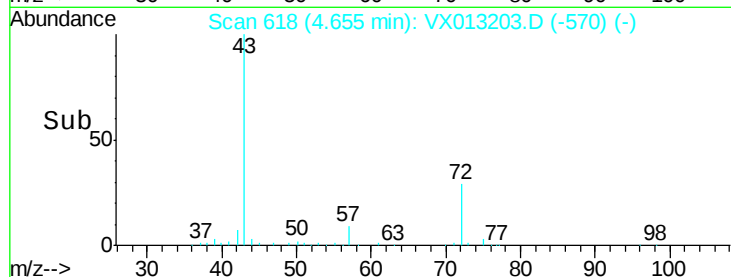
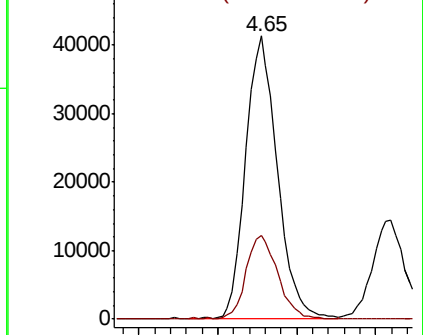
43 100

72 29.3 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.808 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013203.D

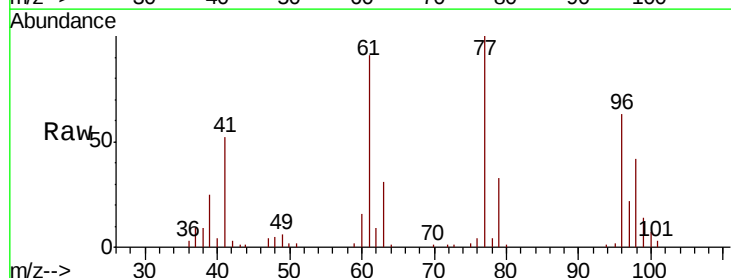
Acq: 24 Oct 2019 11:41

Tgt Ion: 77 Resp: 54192

Ion Ratio Lower Upper

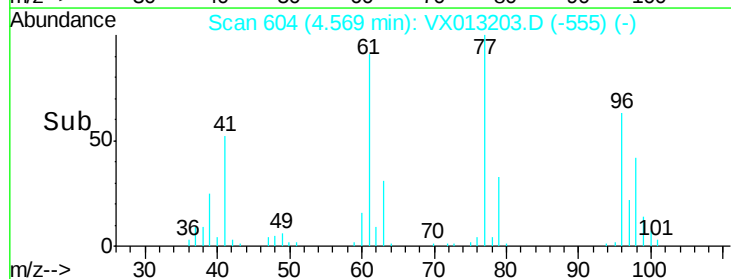
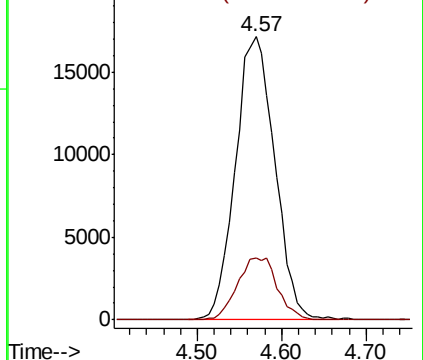
77 100

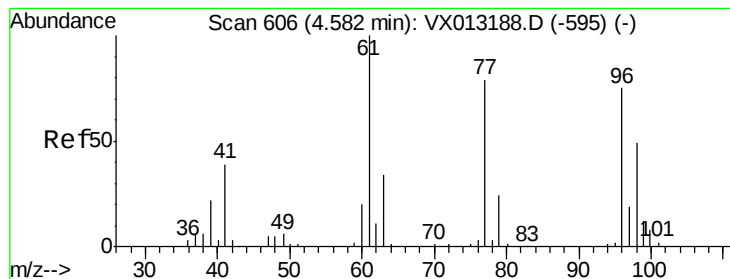
97 22.3 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



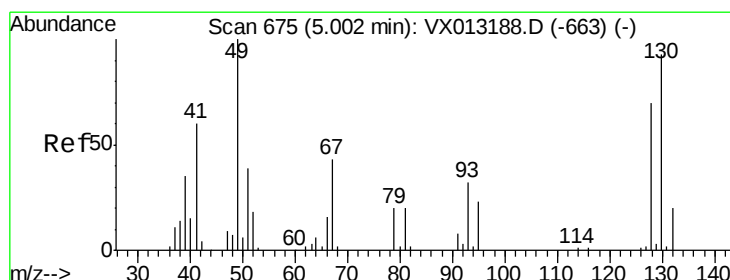
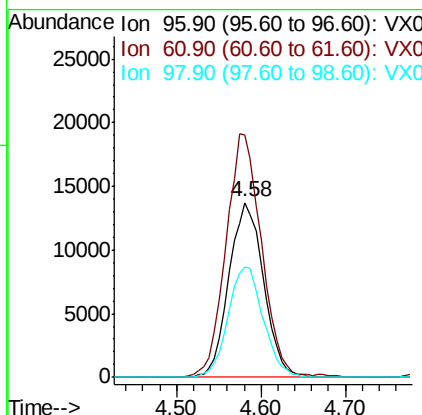
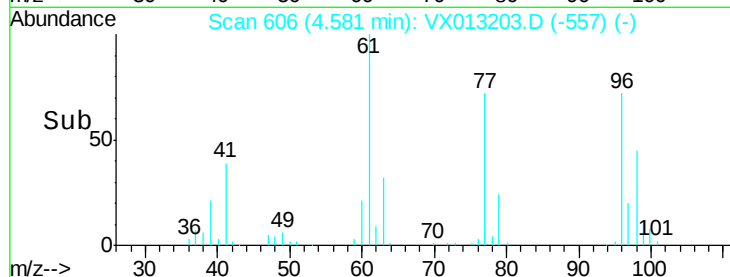
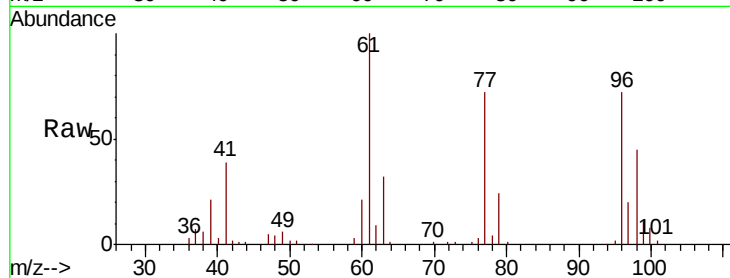


#27

cis-1,2-Dichloroethene
Concen: 16.967 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

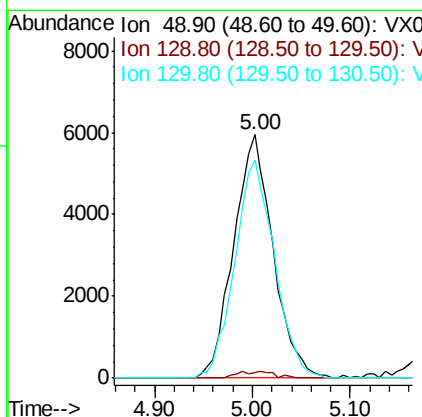
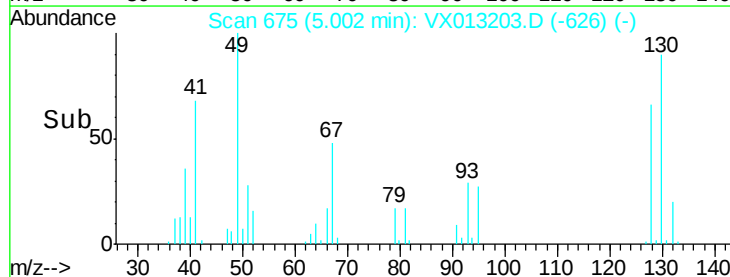
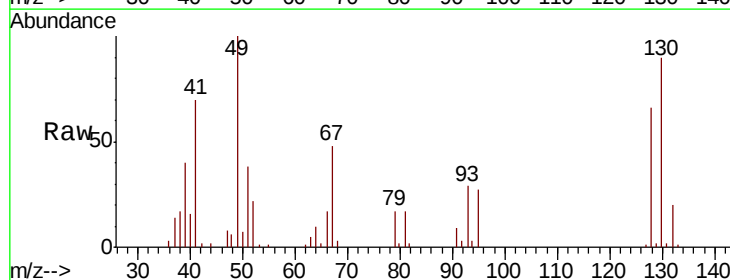
Tot Ion: 96 Resp: 38288
Ion Ratio Lower Upper
96 100
61 143.6 0.0 290.4
98 64.3 0.0 130.4

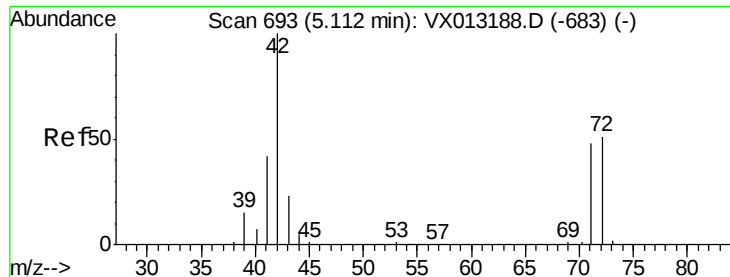


#28

Bromochloromethane
Concen: 18.459 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

Tgt Ion: 49 Resp: 16605
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.8
130 90.6 71.8 107.8

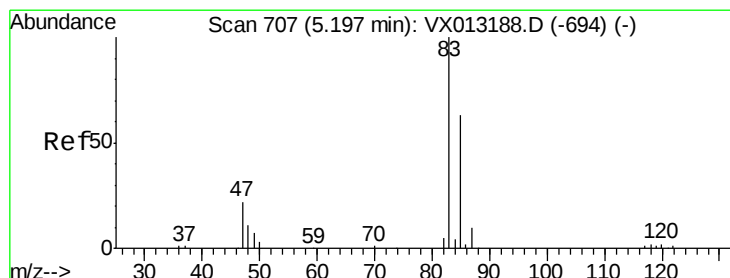
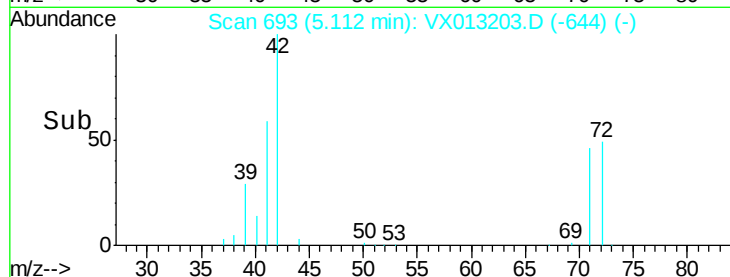
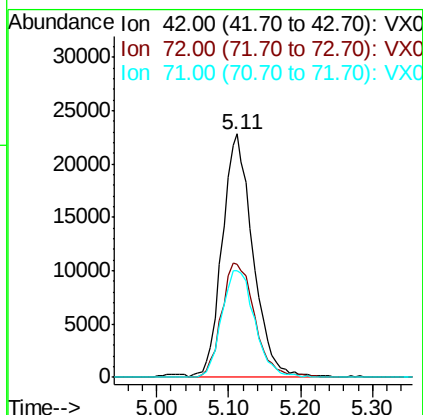
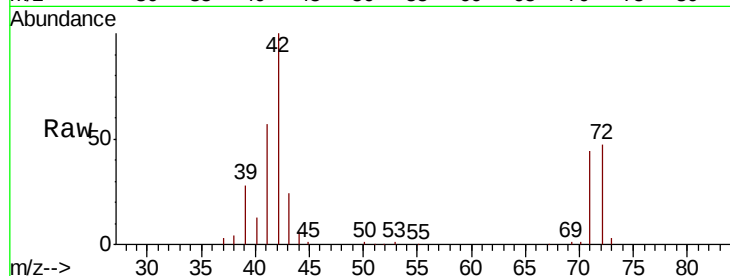




#29
Tetrahydrofuran
Concen: 77.878 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

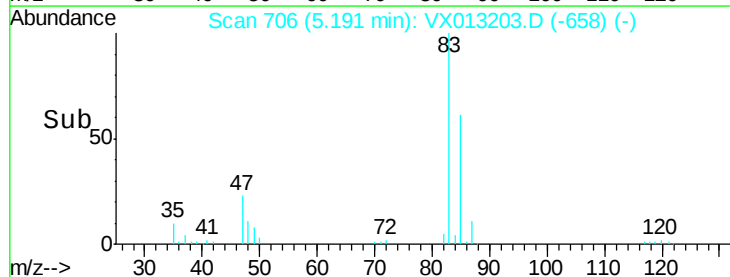
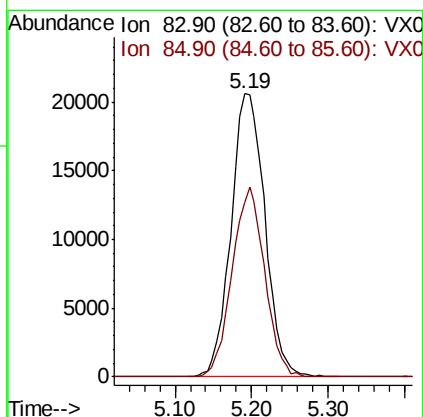
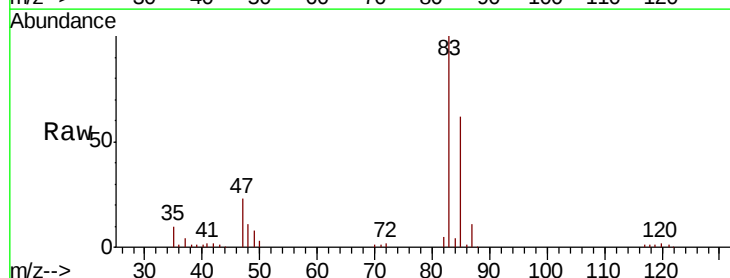
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

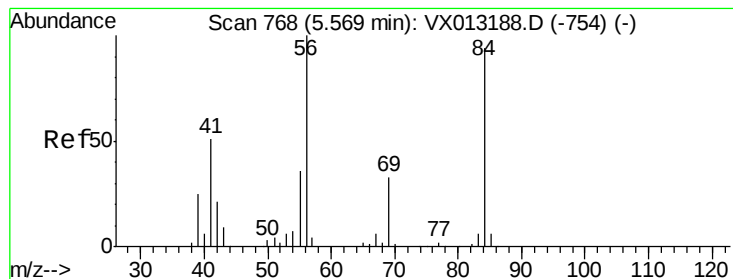
Tot Ion: 42 Resp: 67097
Ion Ratio Lower Upper
42 100
72 51.2 40.9 61.3
71 47.4 38.6 57.8



#30
Chloroform
Concen: 17.011 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

Tgt Ion: 83 Resp: 63185
Ion Ratio Lower Upper
83 100
85 61.8 50.1 75.1





#31

Cyclohexane

Concen: 18.011 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

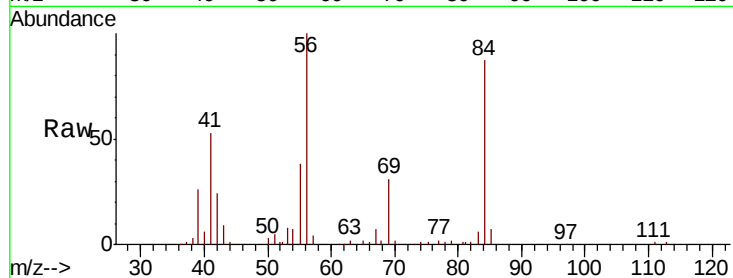
Tot Ion: 56 Resp: 52696

Ion Ratio Lower Upper

56 100

69 30.9 26.3 39.5

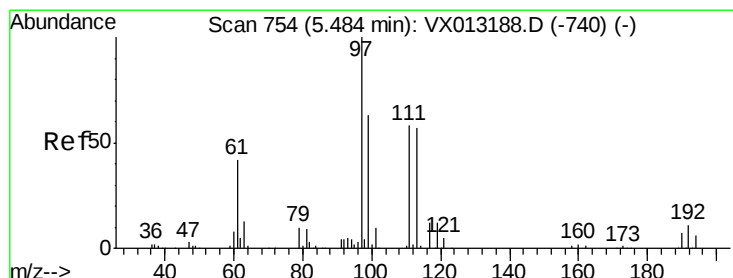
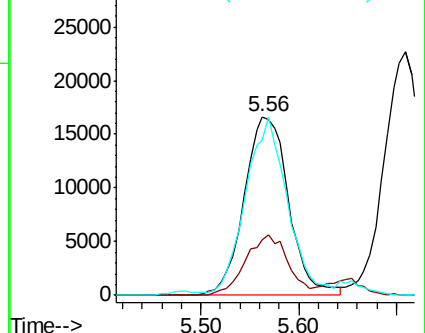
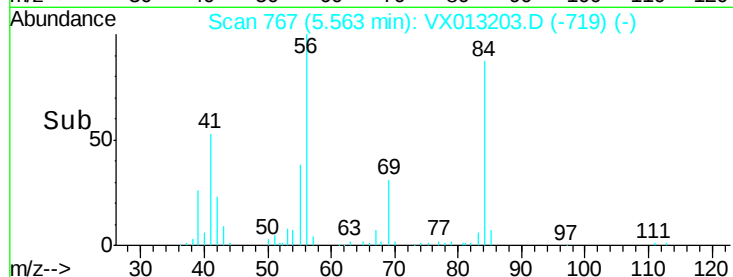
84 85.2 73.8 110.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 17.182 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

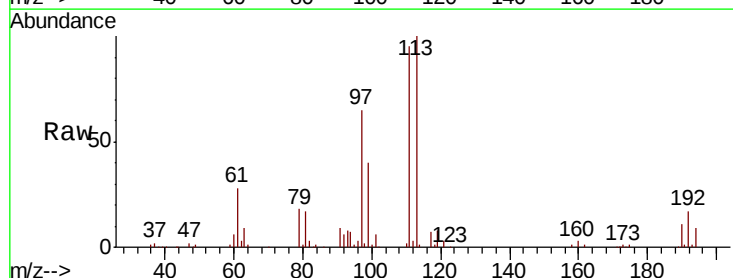
Tgt Ion: 97 Resp: 56746

Ion Ratio Lower Upper

97 100

99 64.8 50.8 76.2

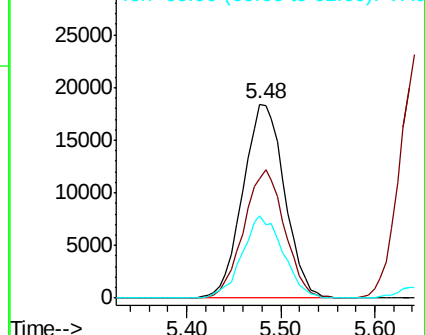
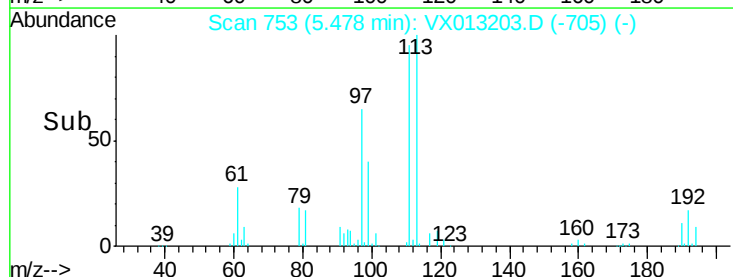
61 41.7 32.8 49.2

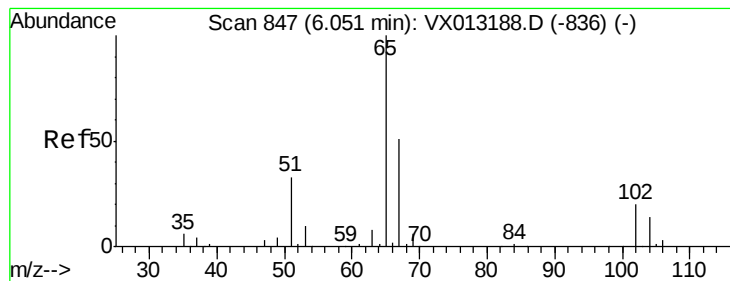


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.019 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

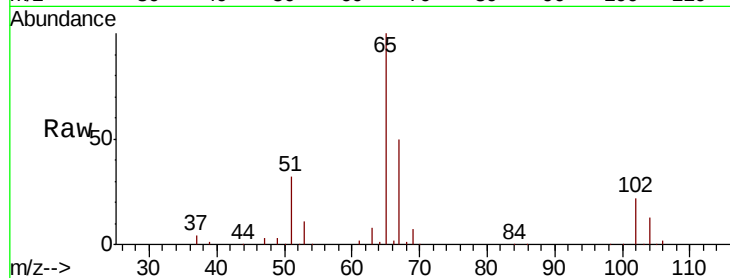
VX1025WBSD01

Tot Ion: 65 Resp: 106370

Ion Ratio Lower Upper

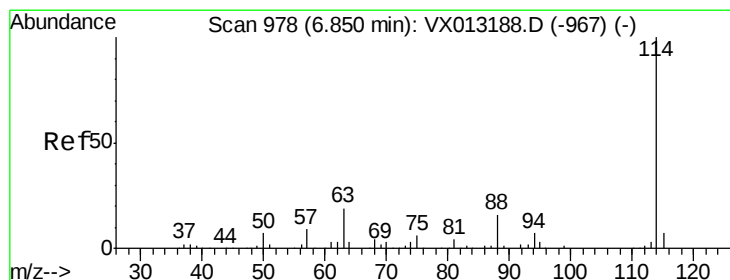
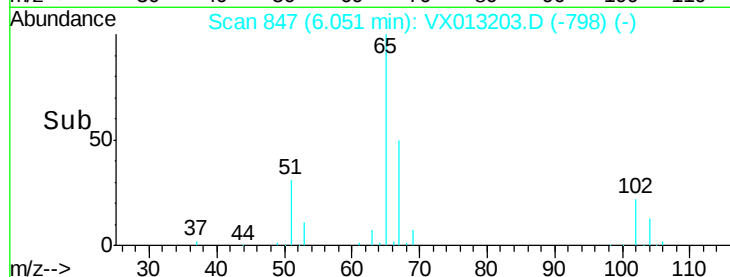
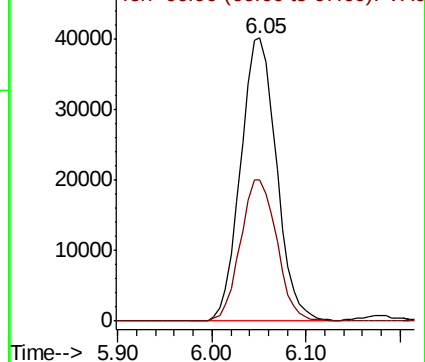
65 100

67 50.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

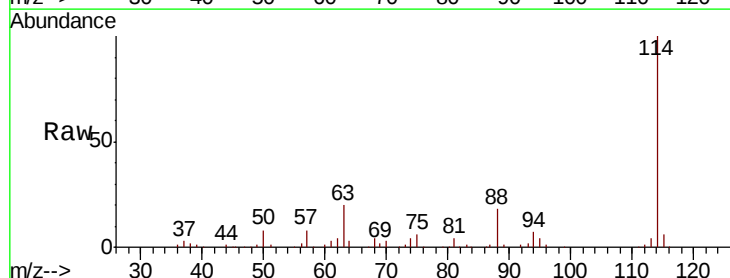
Tgt Ion: 114 Resp: 156892

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

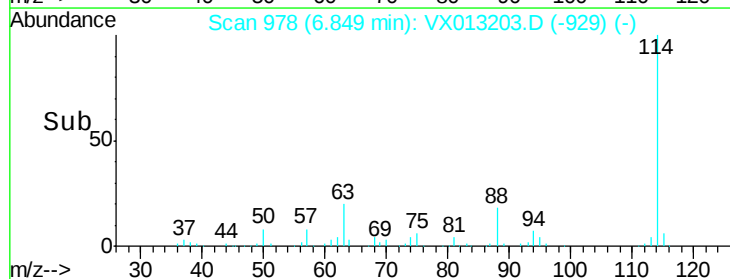
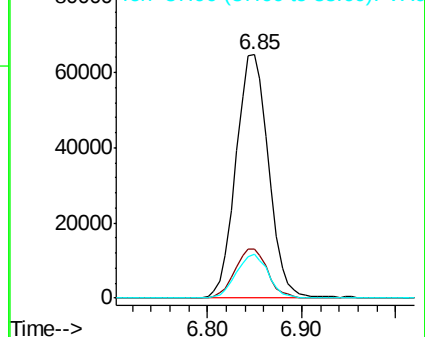
88 17.9 0.0 32.0

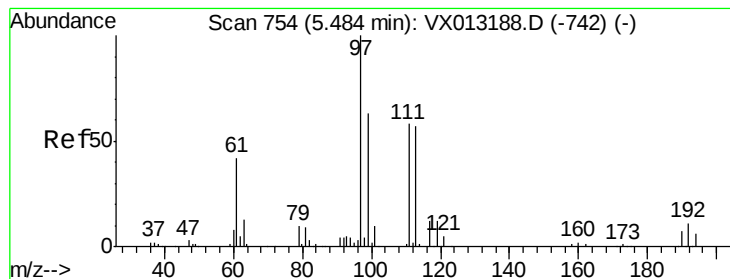


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.846 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

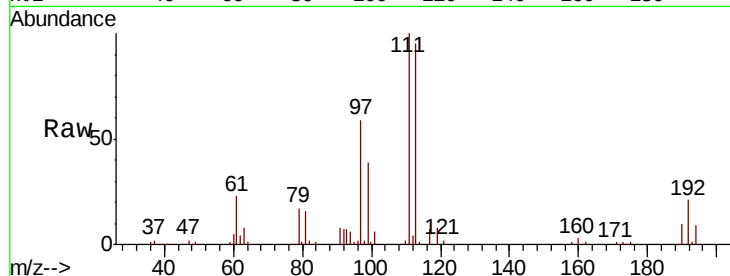
Tot Ion:113 Resp: 85460

Ion Ratio Lower Upper

113 100

111 101.1 80.3 120.5

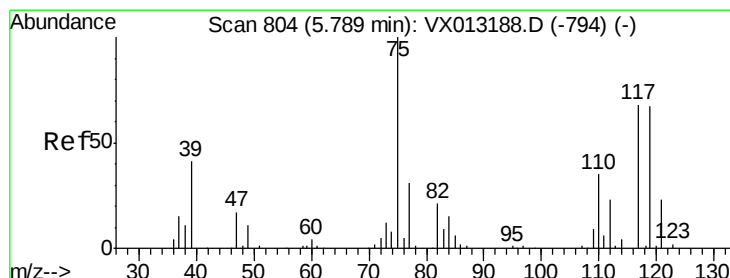
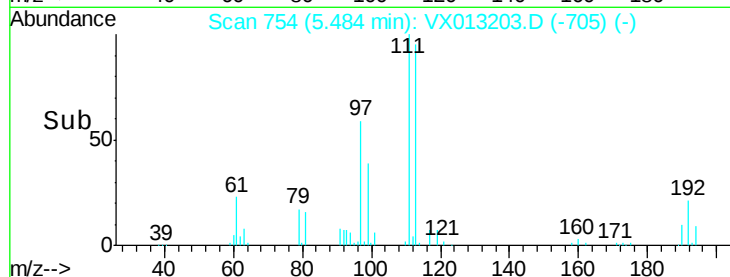
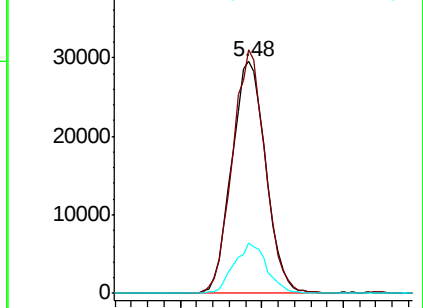
192 20.7 15.9 23.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.748 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

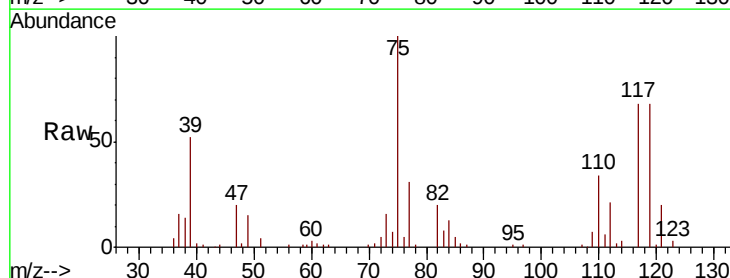
Tgt Ion: 75 Resp: 46740

Ion Ratio Lower Upper

75 100

110 34.7 17.6 52.9

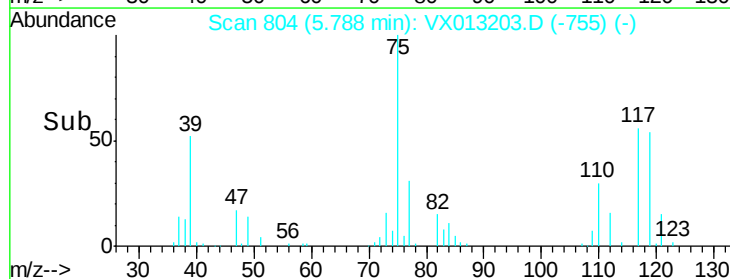
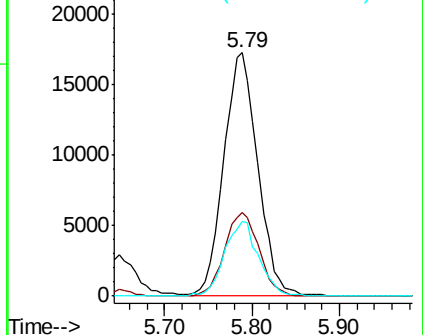
77 30.8 24.7 37.1

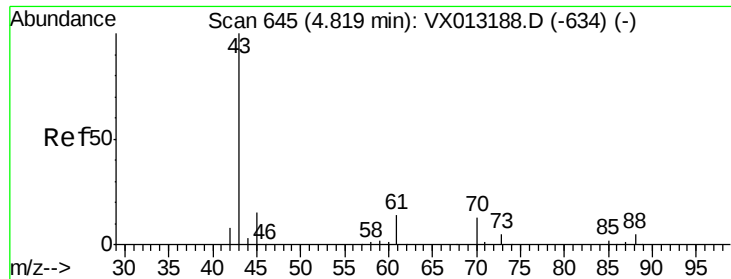


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

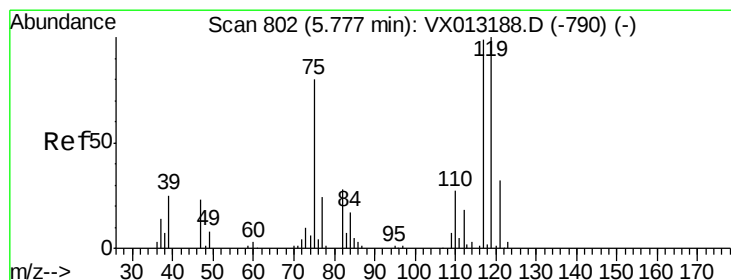
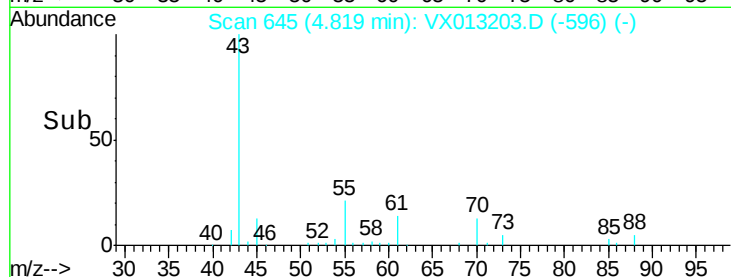
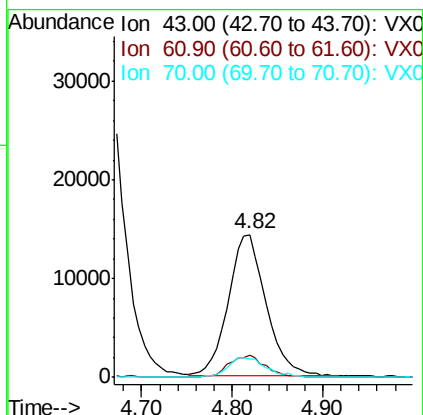
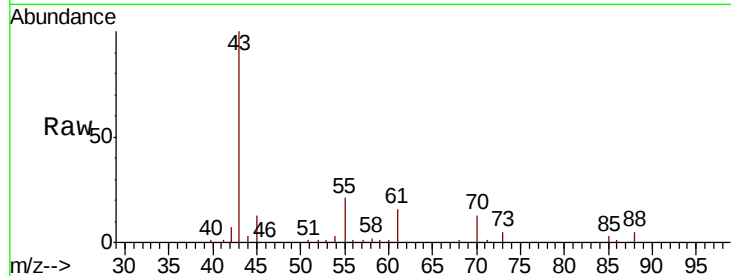




#37
Ethyl Acetate
Concen: 15.736 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

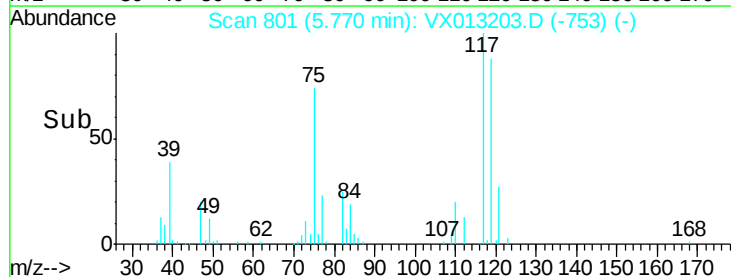
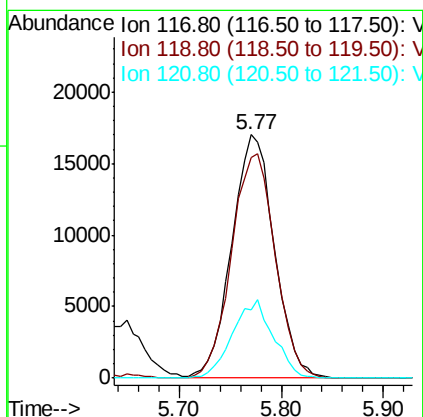
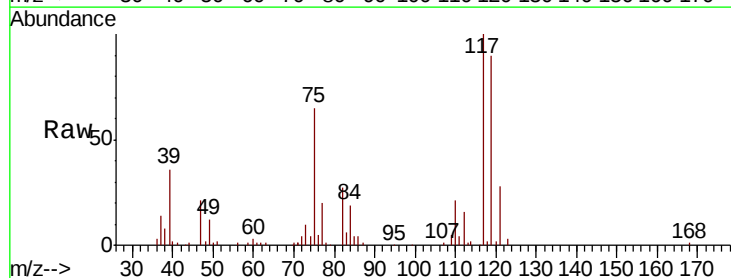
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

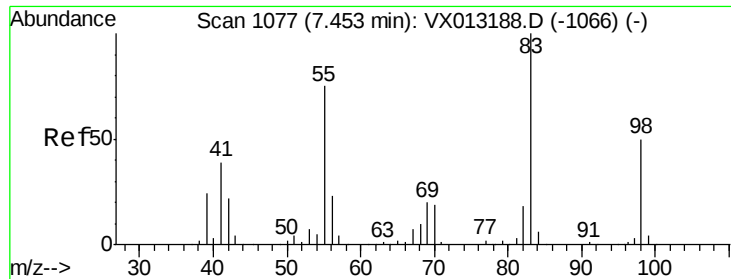
Tot Ion: 43 Resp: 41141
Ion Ratio Lower Upper
43 100
61 15.5 12.1 18.1
70 14.2 10.4 15.6



#38
Carbon Tetrachloride
Concen: 17.003 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

Tgt Ion: 117 Resp: 49309
Ion Ratio Lower Upper
117 100
119 90.4 80.1 120.1
121 28.1 25.5 38.3

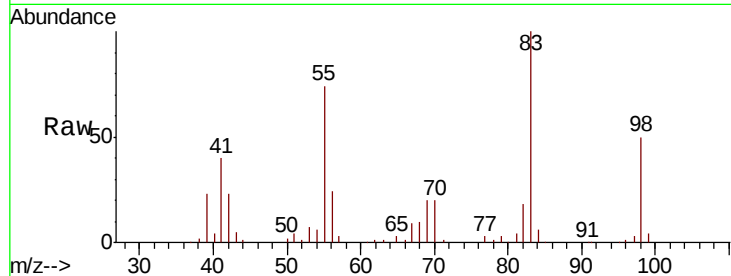




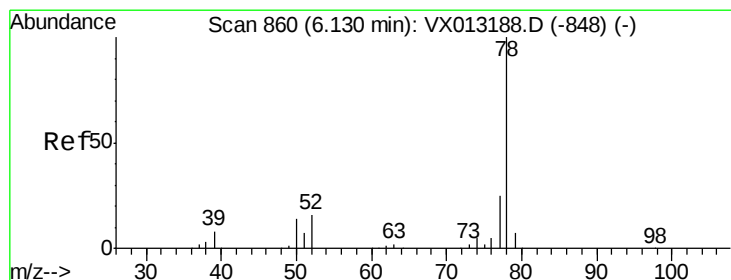
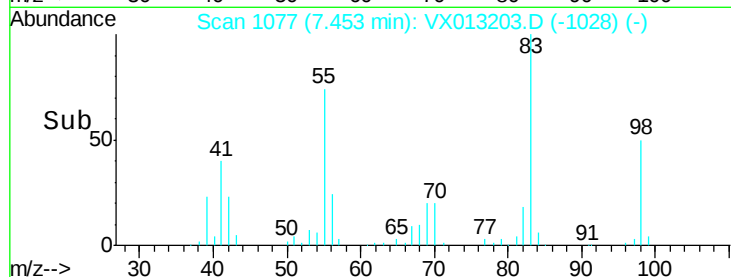
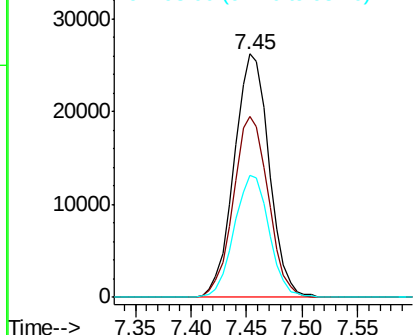
#39
Methvlcvclohexane
Concen: 17.008 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Tot Ion: 83 Resp: 57124
Ion Ratio Lower Upper
83 100
55 74.4 60.1 90.1
98 50.0 39.8 59.8

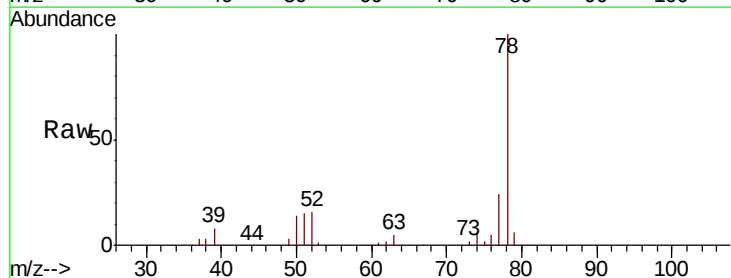


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

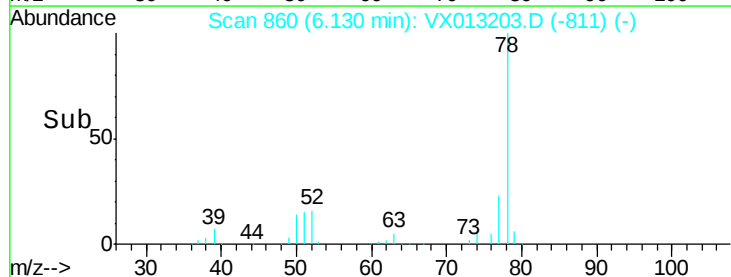
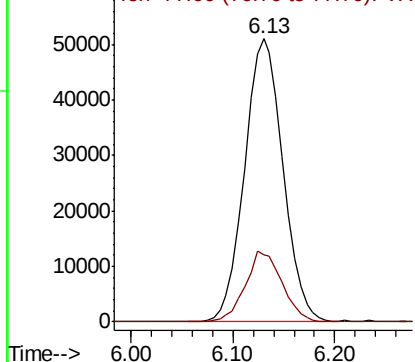


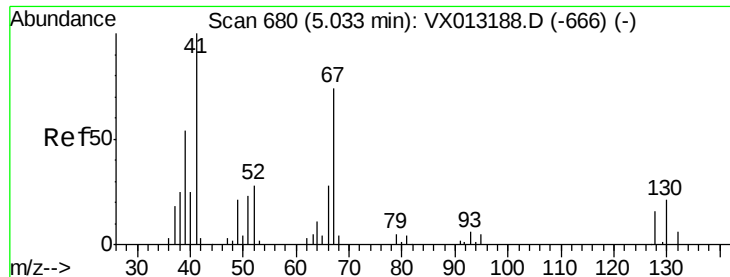
#40
Benzene
Concen: 16.966 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

Tgt Ion: 78 Resp: 133702
Ion Ratio Lower Upper
78 100
77 23.6 19.6 29.4



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





#41

Methacrylonitrile

Concen: 16.806 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

Tot Ion: 41 Resp: 23557

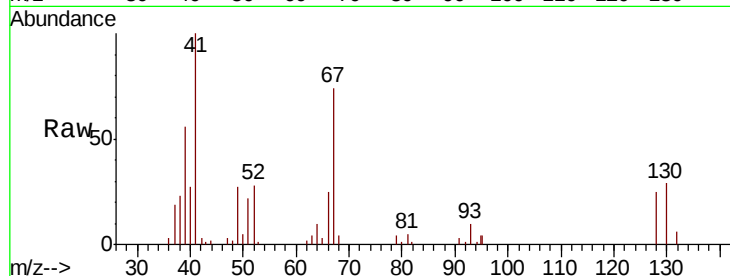
Ion Ratio Lower Upper

41 100

39 55.9 45.2 67.8

67 77.6 61.3 91.9

52 33.0 25.1 37.7

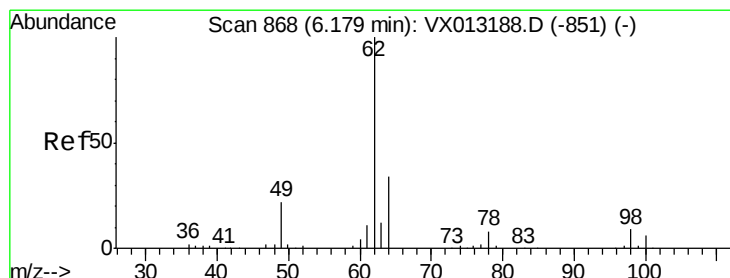
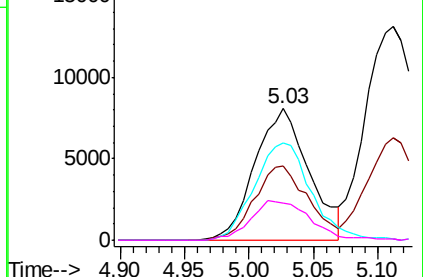
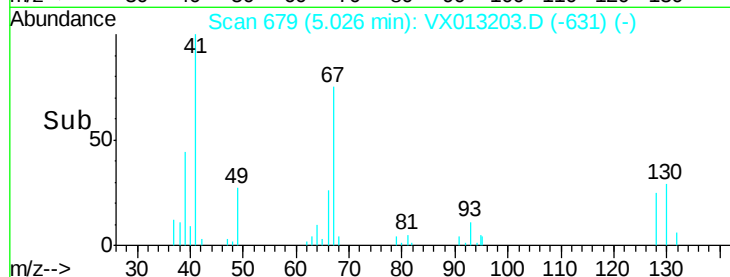


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 17.925 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX013203.D

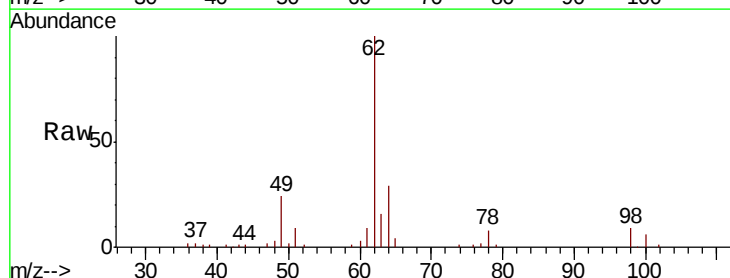
Acq: 24 Oct 2019 11:41

Tgt Ion: 62 Resp: 53259

Ion Ratio Lower Upper

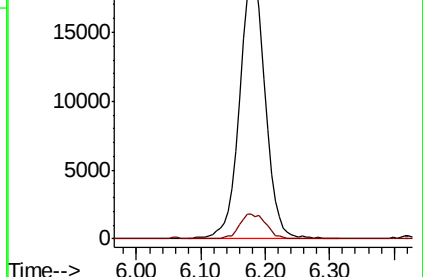
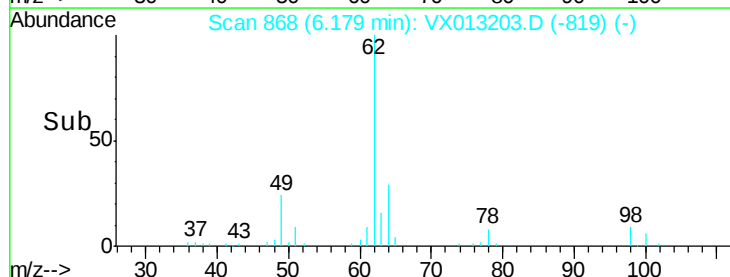
62 100

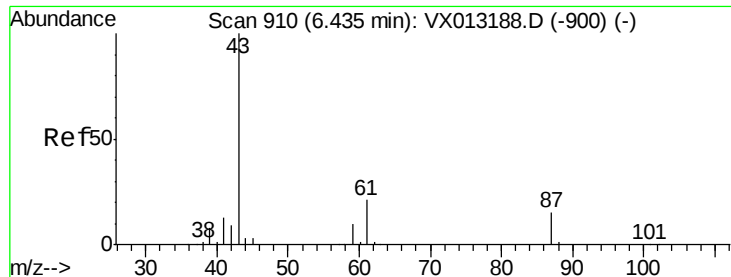
98 9.6 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



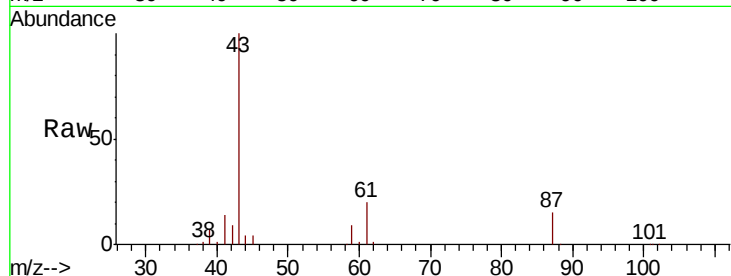


#43

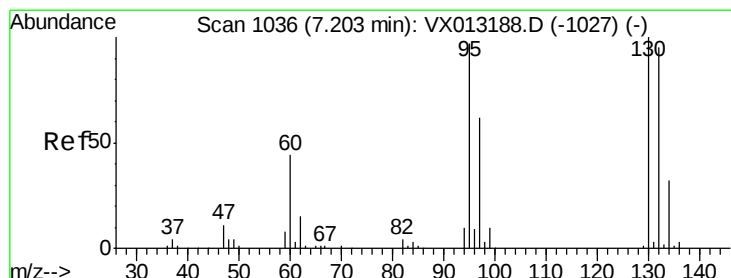
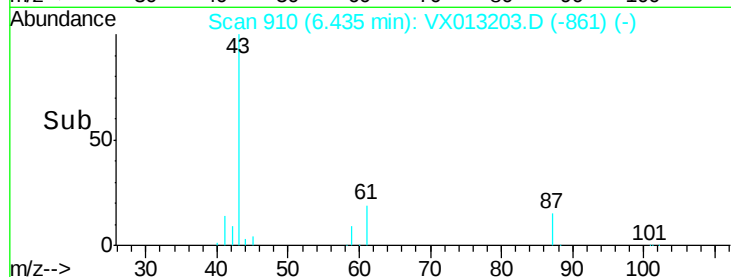
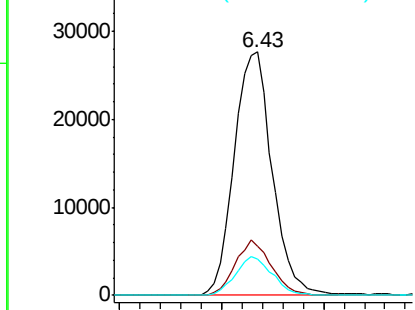
Isopropyl Acetate
 Concen: 16.461 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

Instrument :
 MSVOA_X
 ClientSampled :
 VX1025WBSD01

Tot Ion: 43 Resp: 71454
 Ion Ratio Lower Upper
 43 100
 61 21.5 17.0 25.4
 87 15.2 12.1 18.1



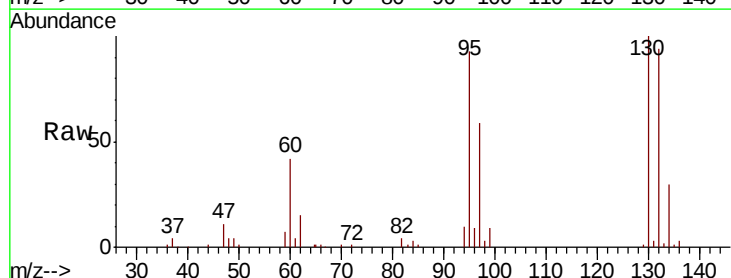
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



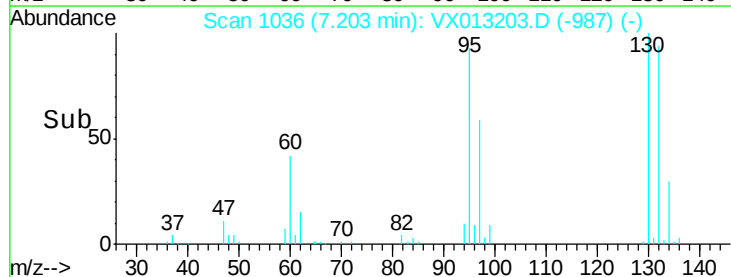
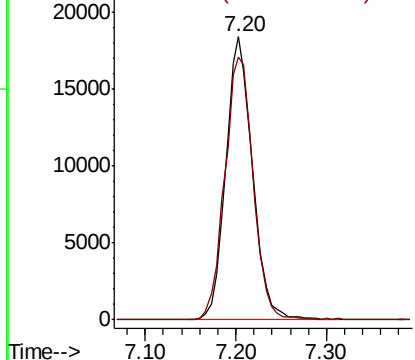
#44

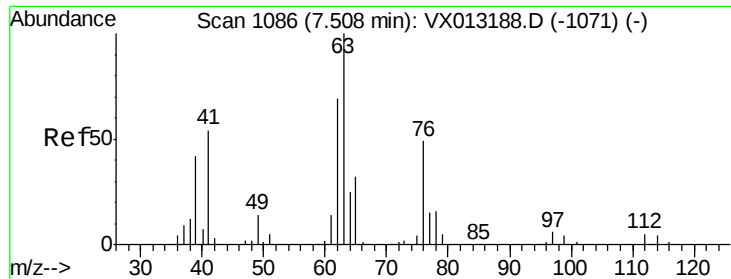
Trichloroethene
 Concen: 16.960 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

Tgt Ion: 130 Resp: 37932
 Ion Ratio Lower Upper
 130 100
 95 93.0 0.0 193.6



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





#45

1,2-Dichloropropane

Concen: 16.706 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

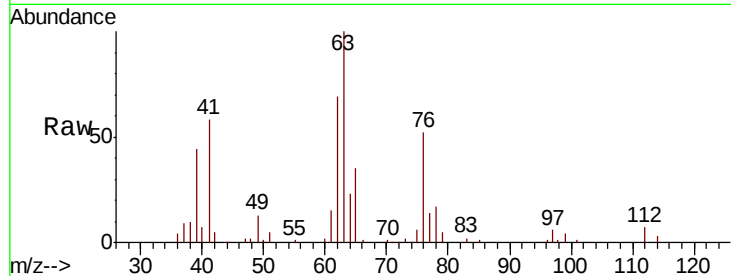
VX1025WBSD01

Tot Ion: 63 Resp: 32973

Ion Ratio Lower Upper

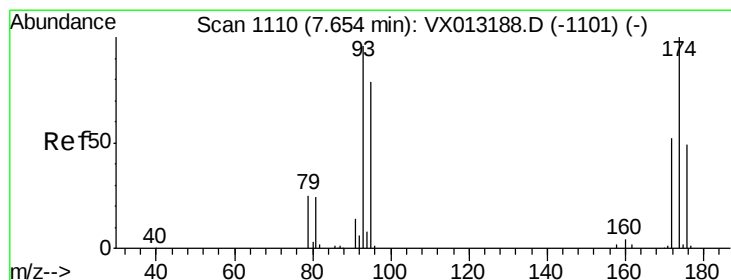
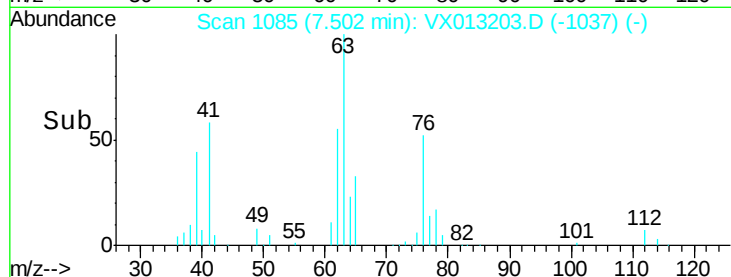
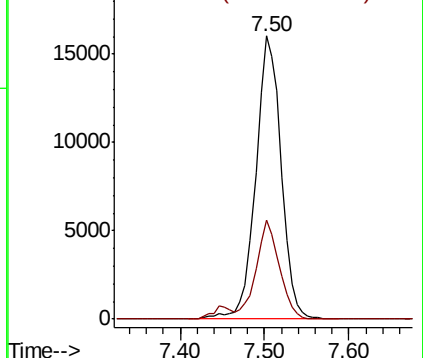
63 100

65 34.8 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 16.498 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

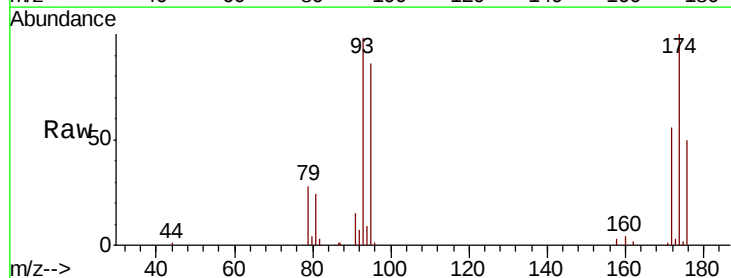
Tgt Ion: 93 Resp: 23461

Ion Ratio Lower Upper

93 100

95 80.3 66.2 99.4

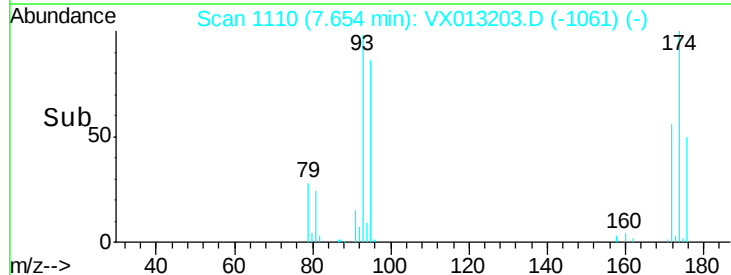
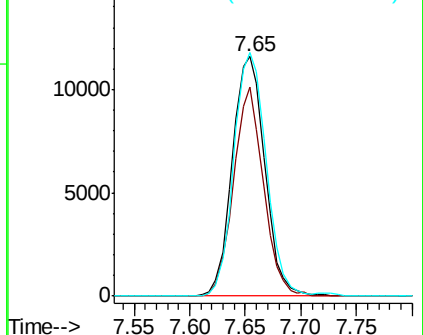
174 101.3 85.2 127.8

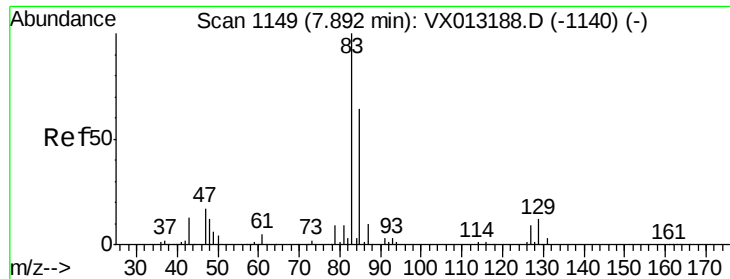


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.106 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

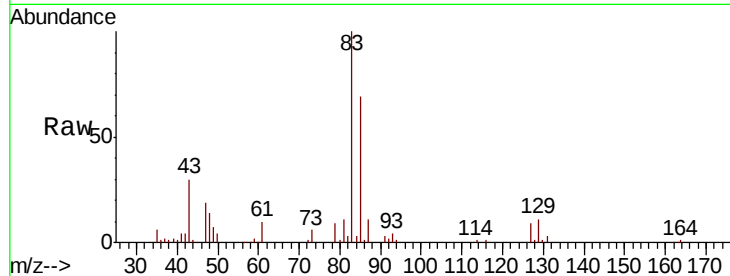
Tot Ion: 83 Resp: 47404

Ion Ratio Lower Upper

83 100

85 68.5 51.0 76.6

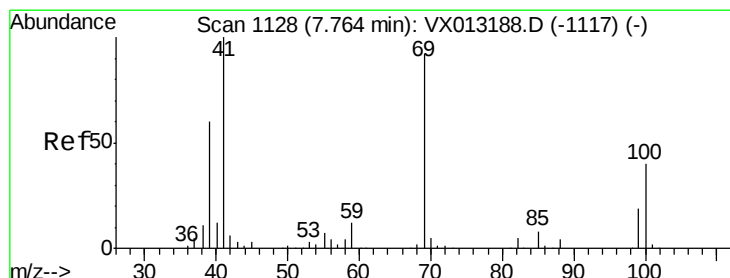
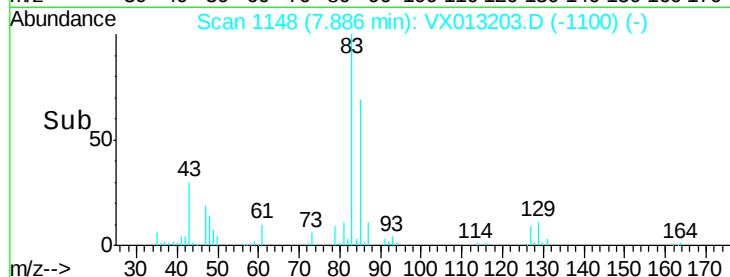
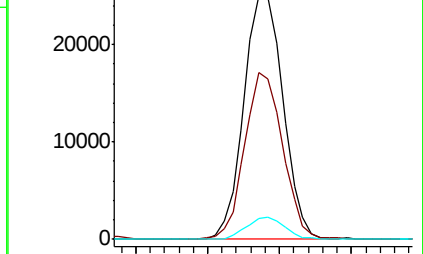
127 8.7 7.2 10.8



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: 15.953 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

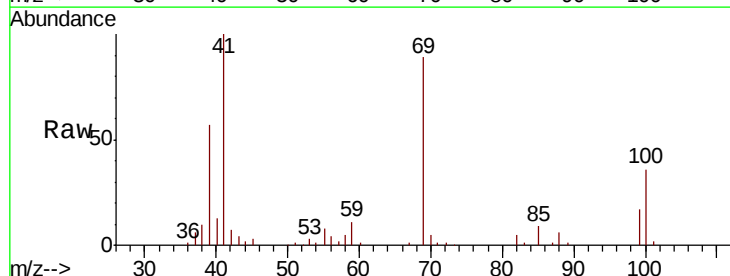
Tgt Ion: 41 Resp: 34228

Ion Ratio Lower Upper

41 100

69 90.9 72.0 108.0

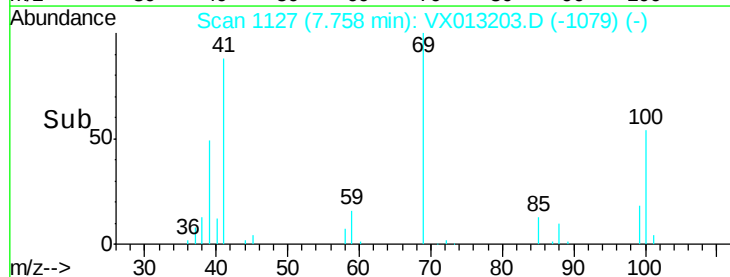
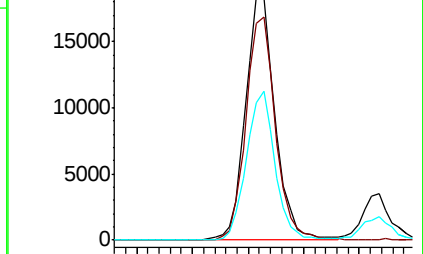
39 58.7 47.4 71.0

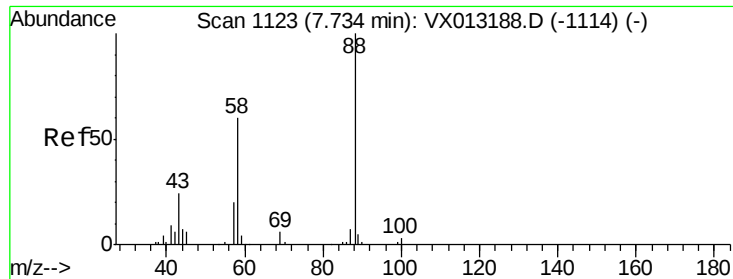


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

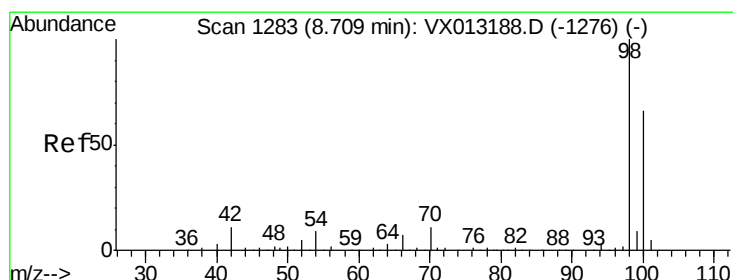
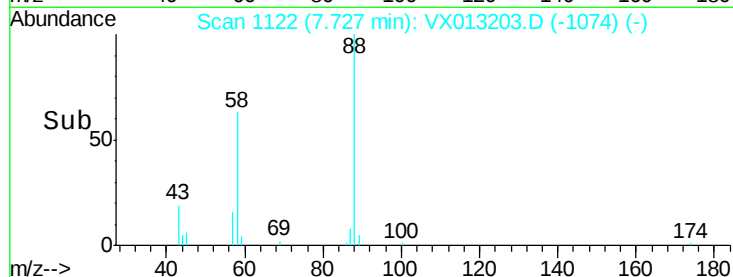
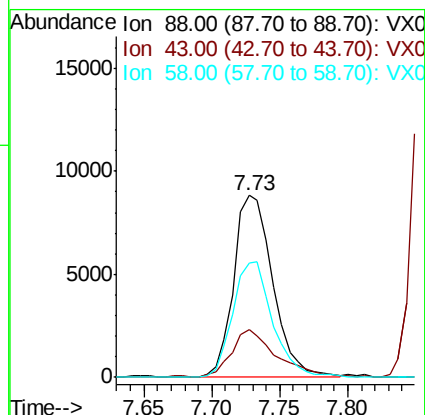
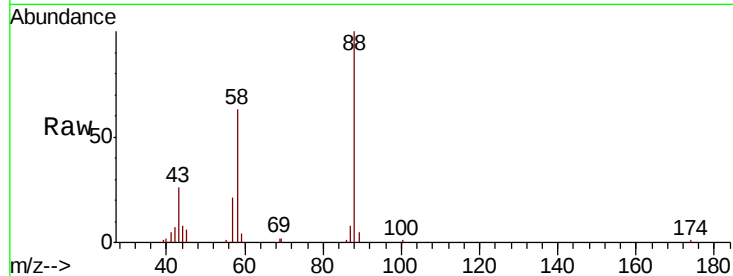




#49
1,4-Dioxane
Concen: 324.914 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

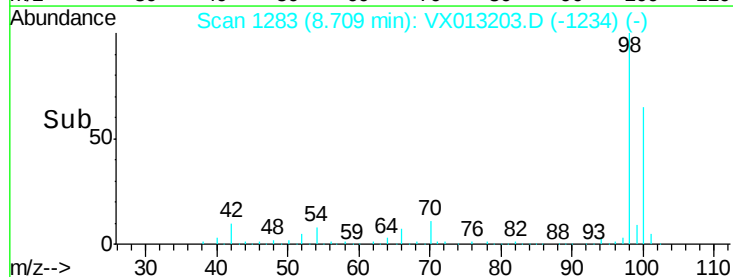
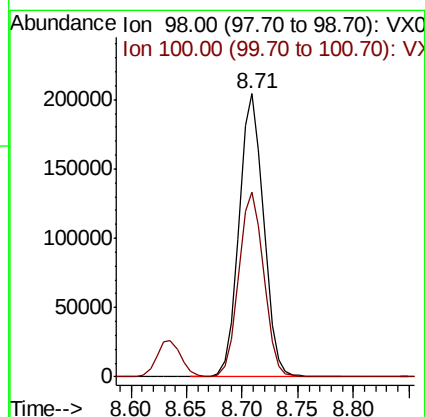
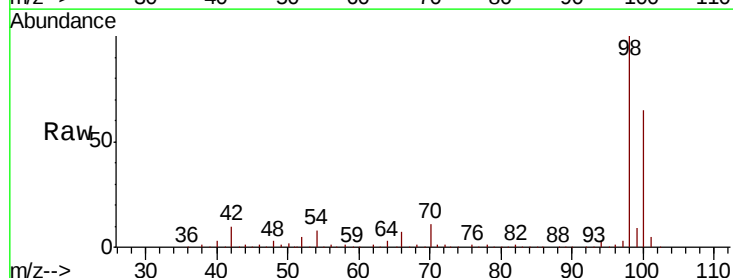
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

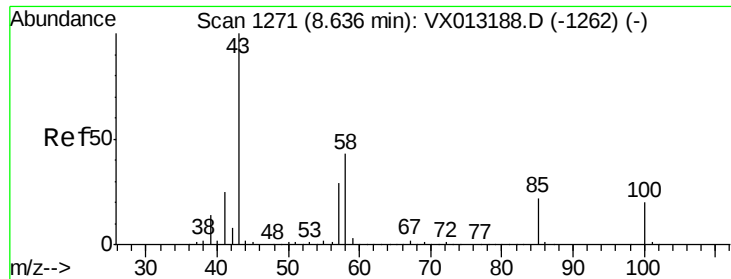
Tot Ion: 88 Resp: 17742
Ion Ratio Lower Upper
88 100
43 30.2 24.5 36.7
58 64.8 54.1 81.1



#50
Toluene-d8
Concen: 48.200 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

Tgt Ion: 98 Resp: 312513
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 81.498 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampled :

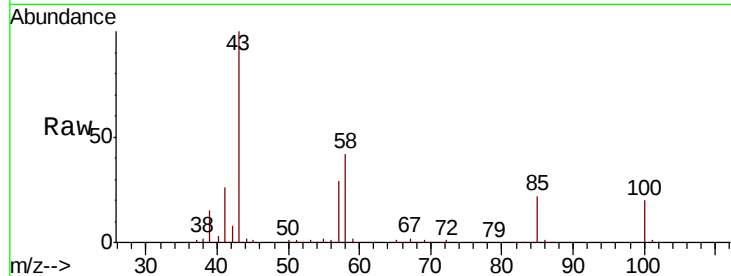
VX1025WBSD01

Tot Ion: 43 Resp: 215634

Ion Ratio Lower Upper

43 100

58 41.8 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

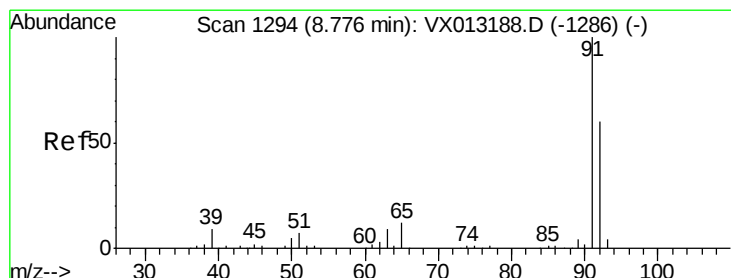
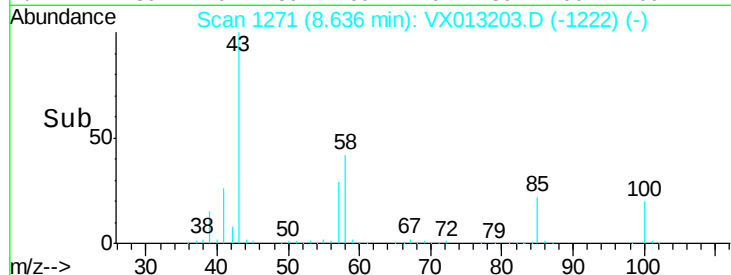
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 16.820 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX013203.D

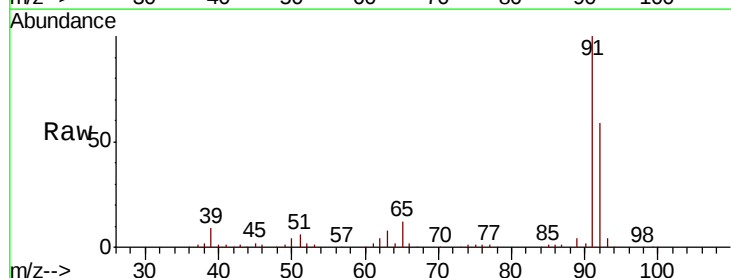
Acq: 24 Oct 2019 11:41

Tgt Ion: 92 Resp: 87844

Ion Ratio Lower Upper

92 100

91 168.6 133.9 200.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

100000

80000

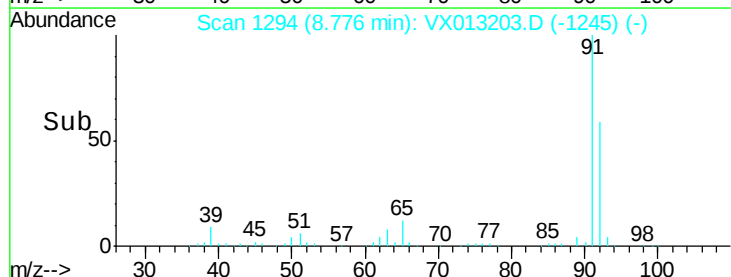
60000

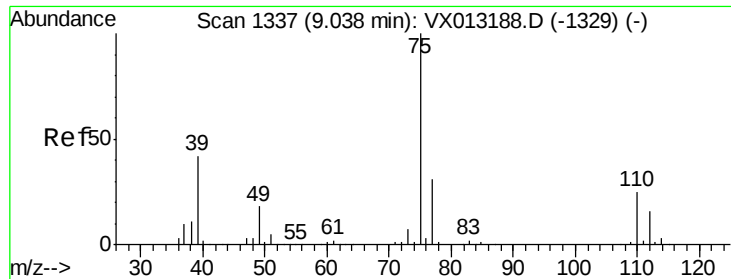
40000

20000

0

Time-->

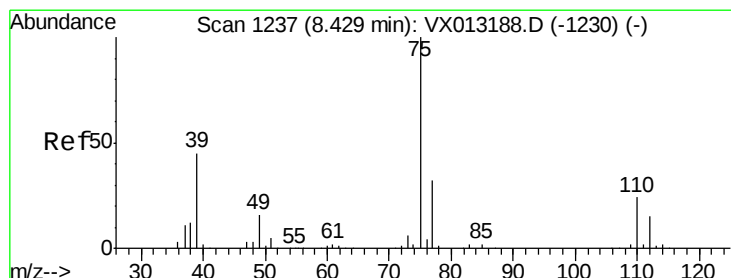
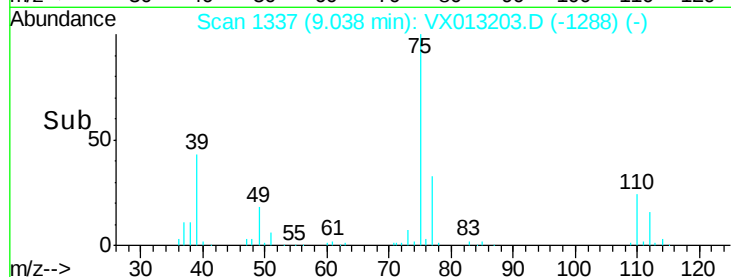
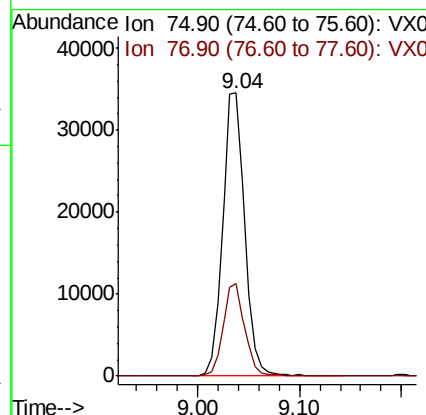
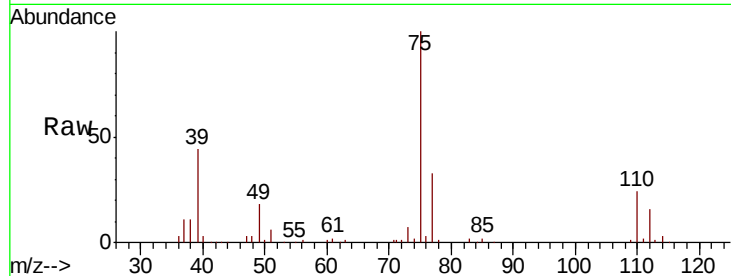




#53
 t-1,3-Dichloropropene
 Concen: 17.676 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

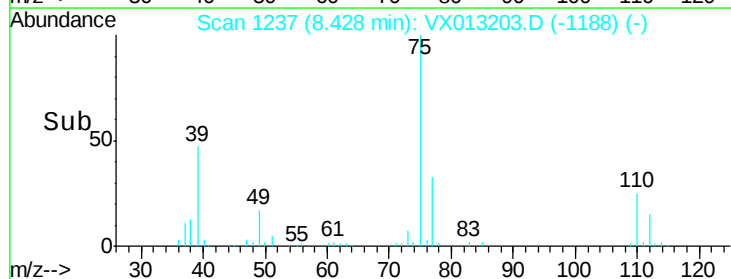
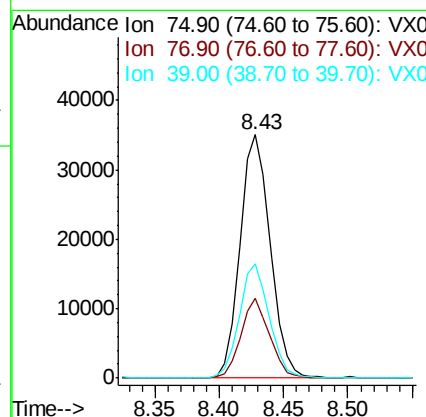
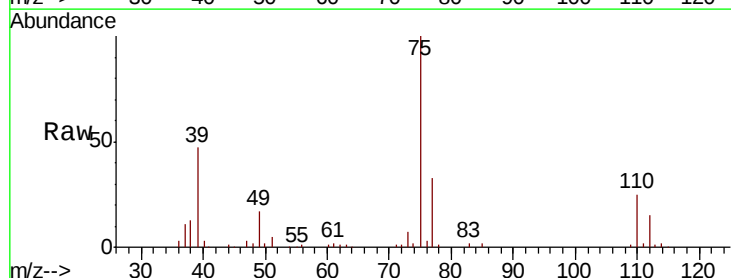
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

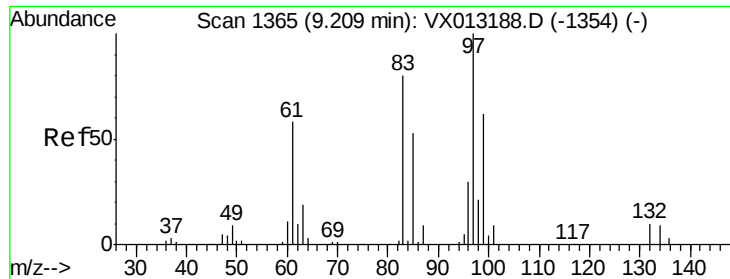
Tot Ion: 75 Resp: 52055
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 17.668 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

Tgt Ion: 75 Resp: 56920
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.4 38.0
 39 47.0 36.2 54.4

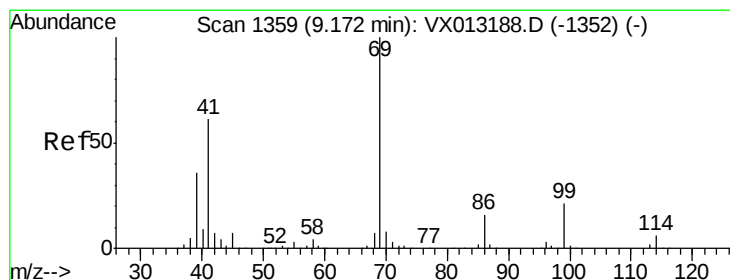
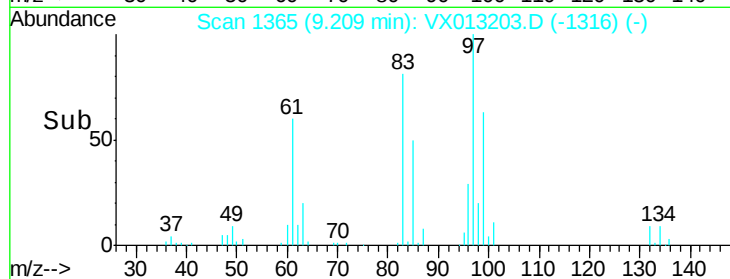
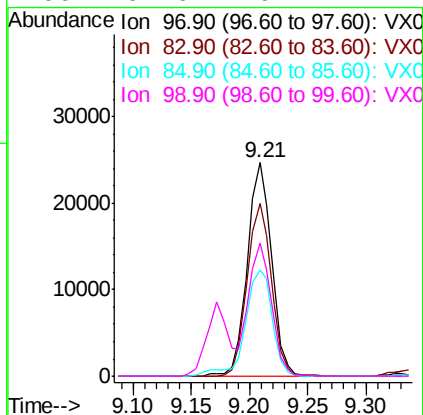
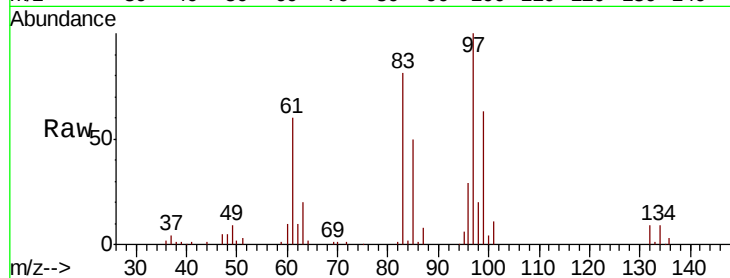




#55
 1,1,2-Trichloroethane
 Concen: 17.462 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

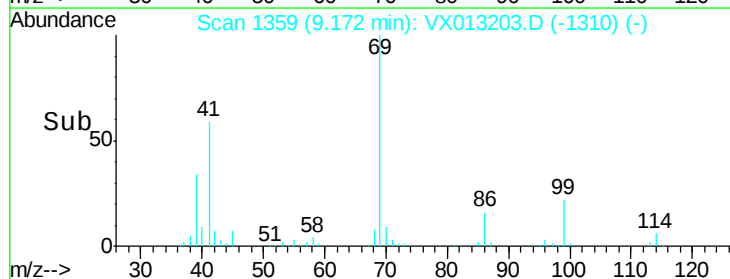
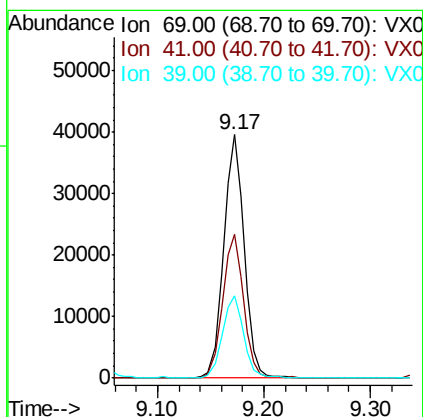
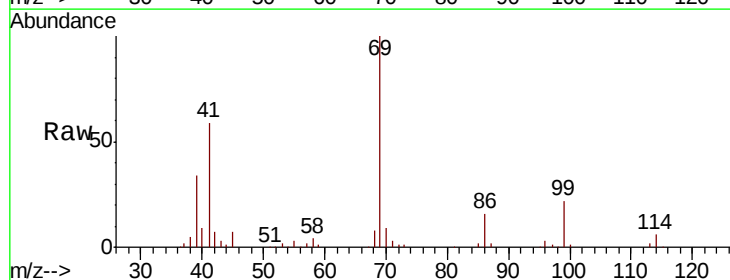
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

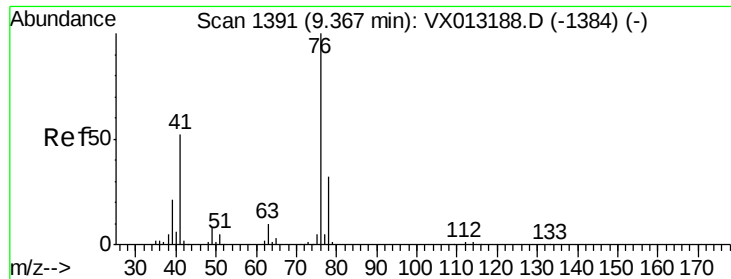
Tot Ion:	97	Resp:	36056
Ion	Ratio	Lower	Upper
97	100		
83	81.0	64.1	96.1
85	50.0	42.1	63.1
99	62.6	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 17.198 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

Tgt Ion:	69	Resp:	53445
Ion	Ratio	Lower	Upper
69	100		
41	60.5	49.5	74.3
39	34.9	28.3	42.5

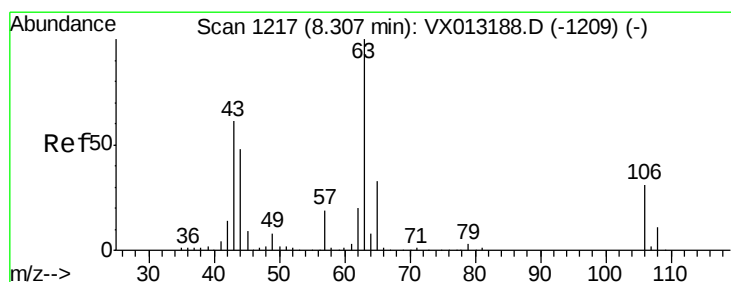
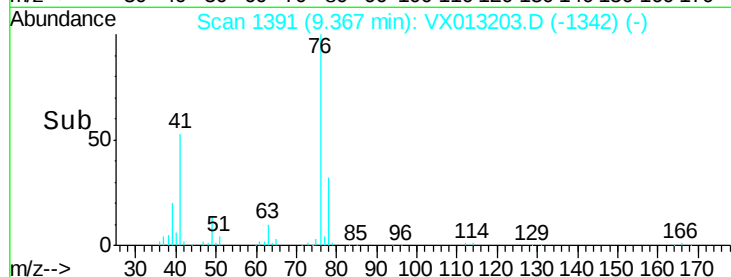
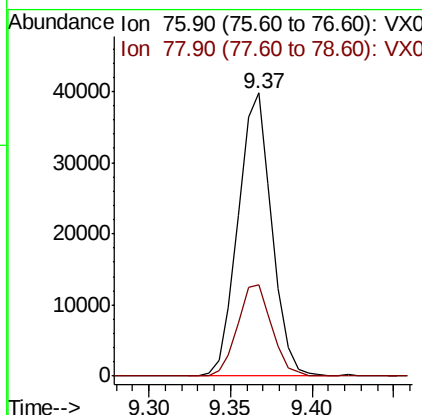
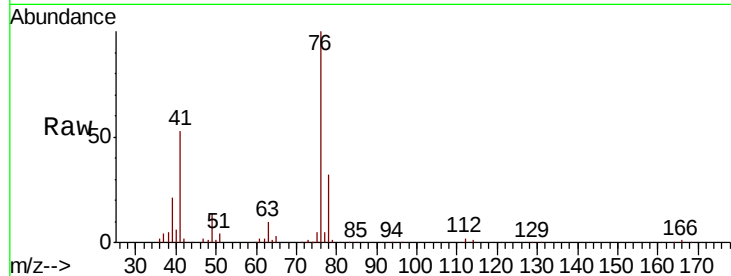




#57
 1,3-Dichloropropane
 Concen: 16.412 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

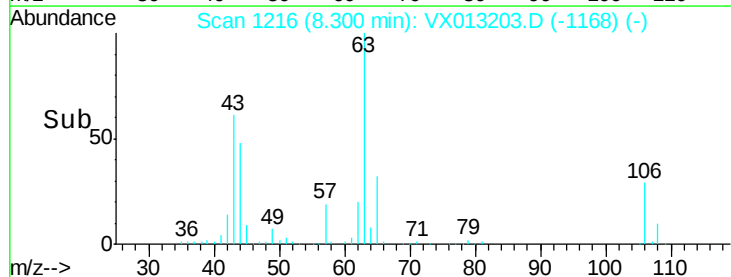
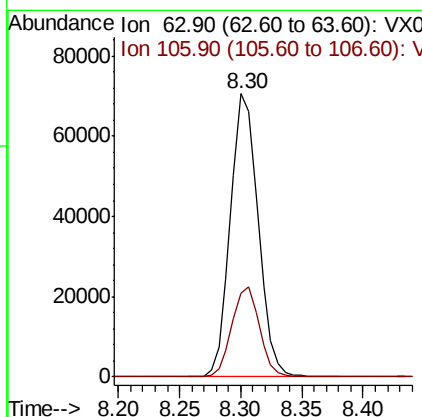
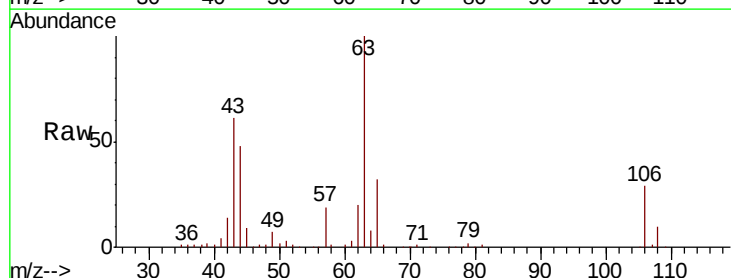
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

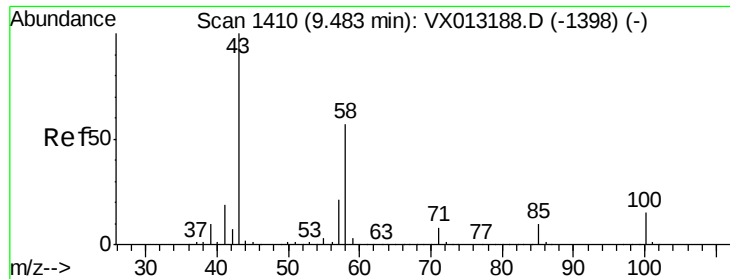
Tot Ion: 76 Resp: 57177
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.605 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

Tgt Ion: 63 Resp: 111080
 Ion Ratio Lower Upper
 63 100
 106 31.8 25.4 38.0

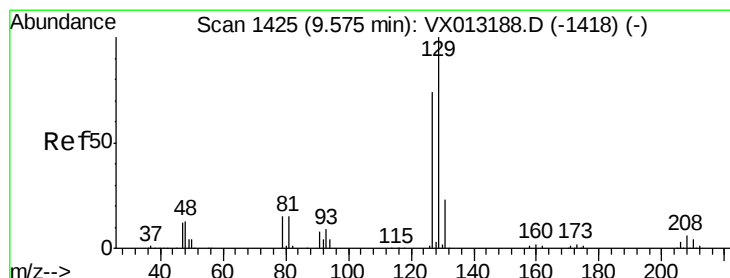
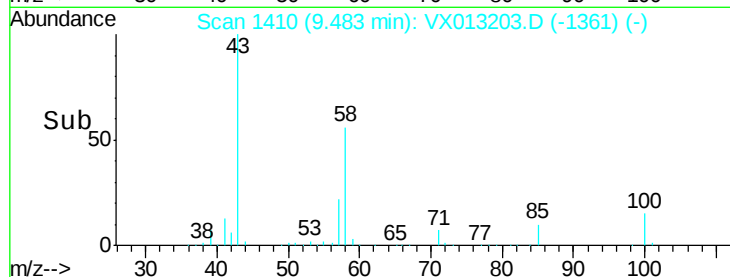
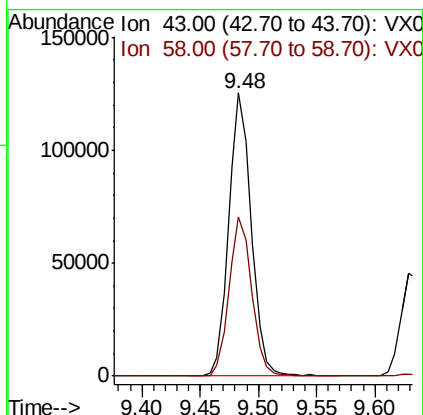
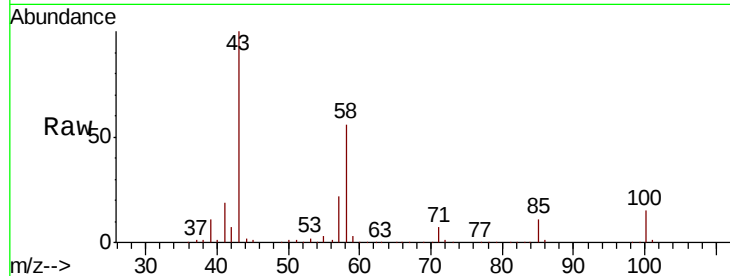




#59
2-Hexanone
Concen: 83.047 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

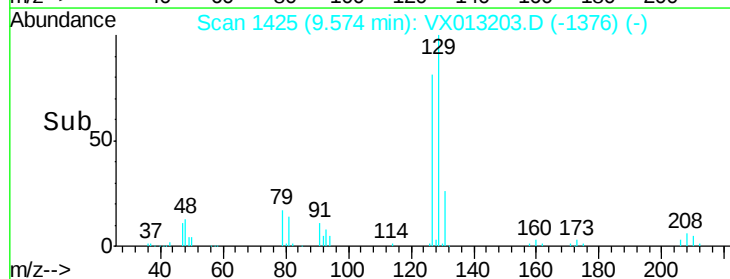
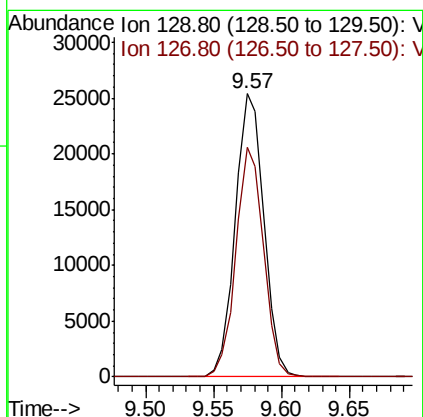
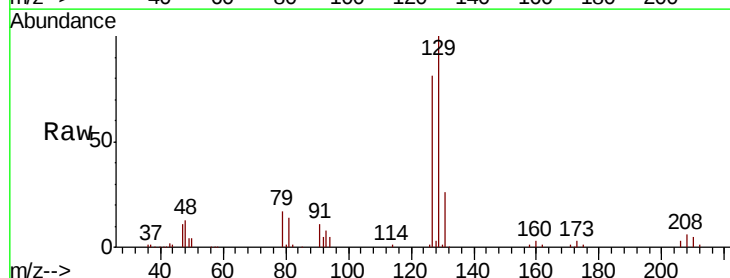
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

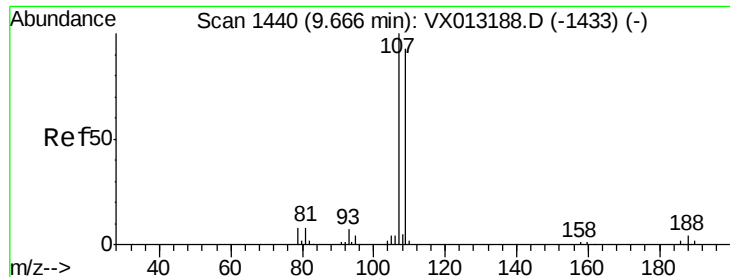
Tot Ion: 43 Resp: 169260
Ion Ratio Lower Upper
43 100
58 56.6 28.2 84.7



#60
Dibromochloromethane
Concen: 17.242 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

Tgt Ion: 129 Resp: 37304
Ion Ratio Lower Upper
129 100
127 78.1 38.2 114.6

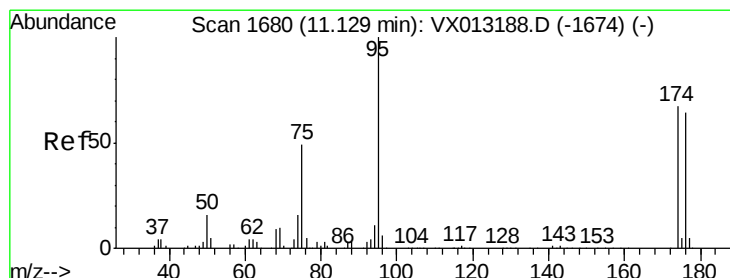
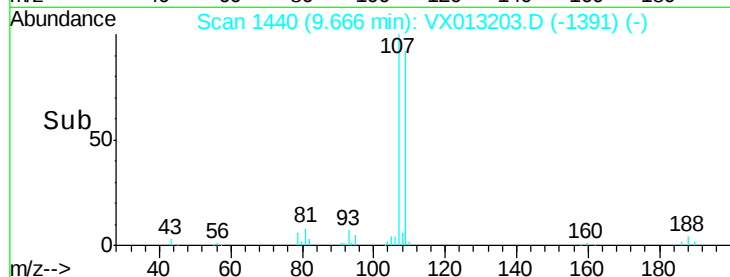
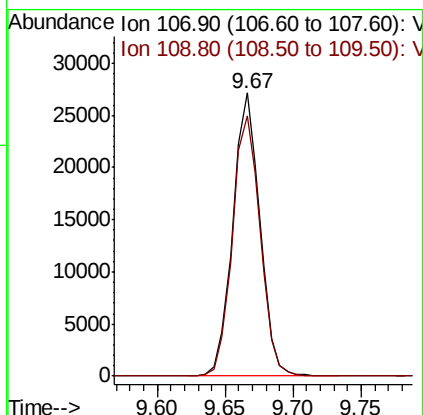
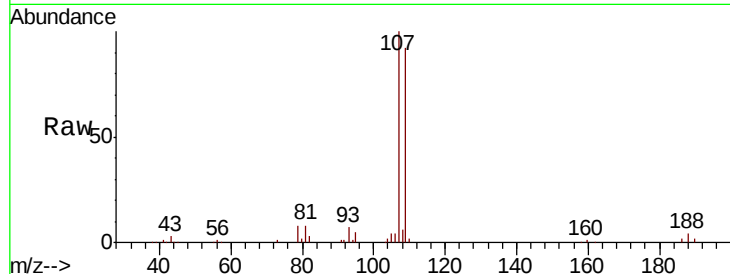




#61
 1,2-Dibromoethane
 Concen: 17.126 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

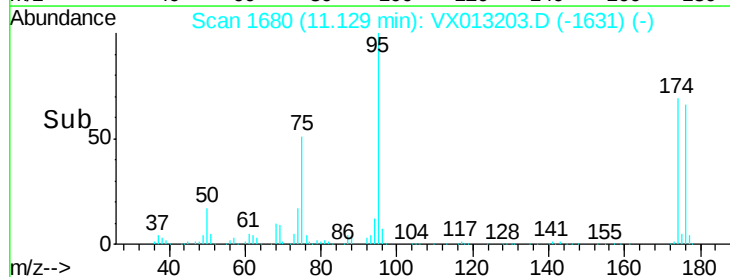
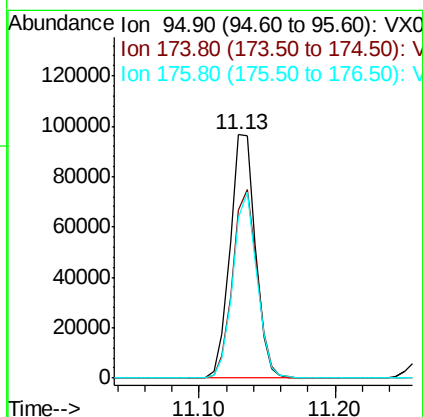
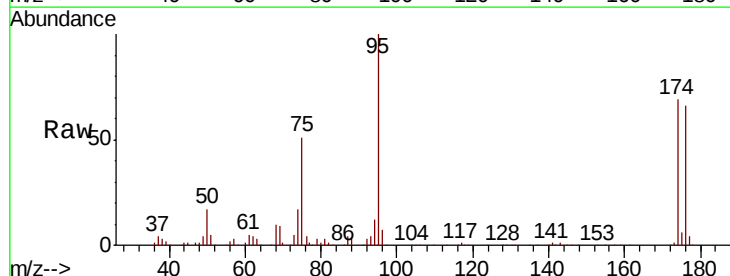
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

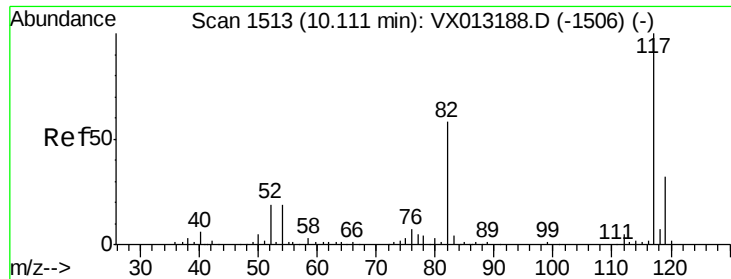
Tot Ion:107 Resp: 37540
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 48.741 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

Tgt Ion: 95 Resp: 125083
 Ion Ratio Lower Upper
 95 100
 174 75.8 0.0 152.4
 176 72.3 0.0 146.0

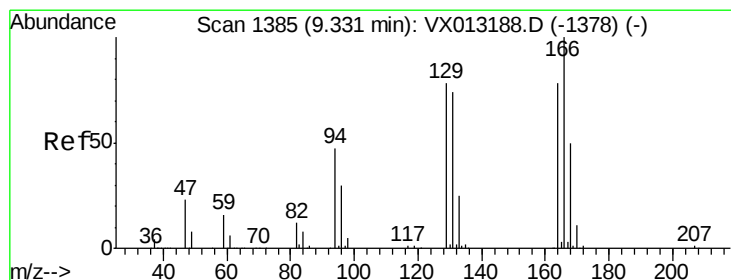
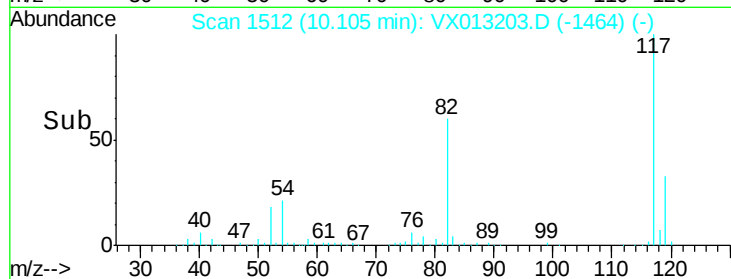
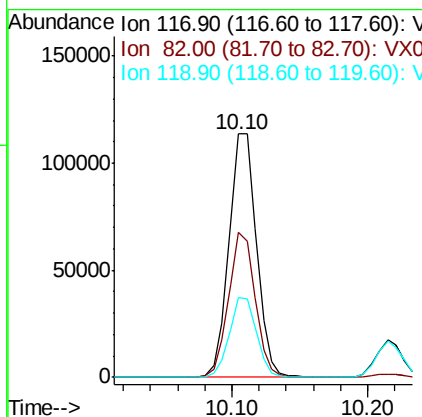
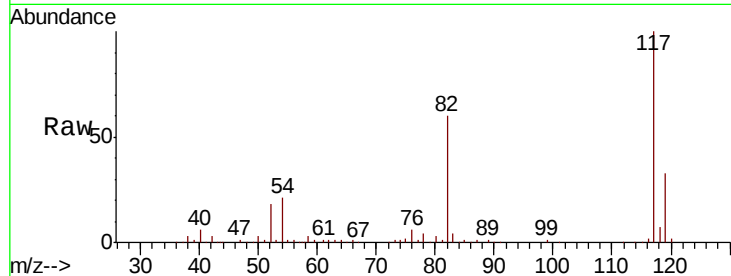




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

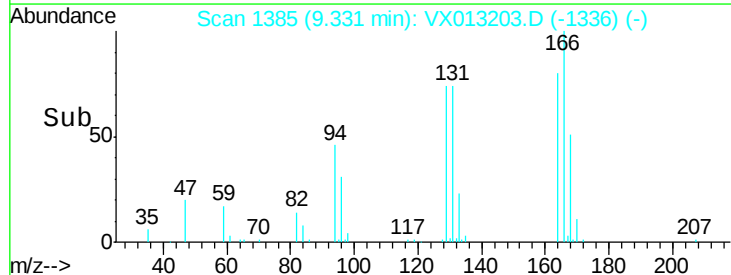
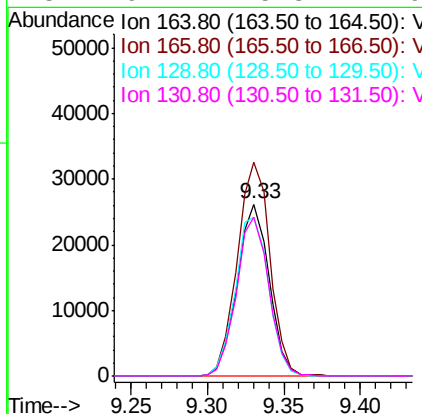
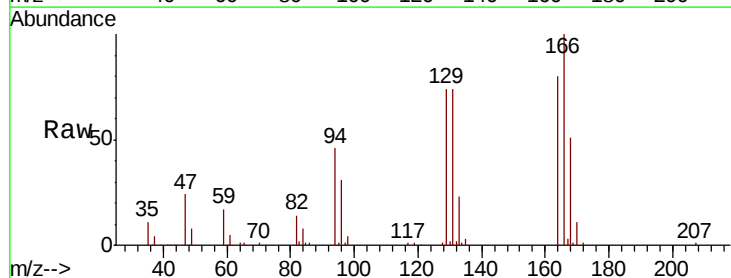
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

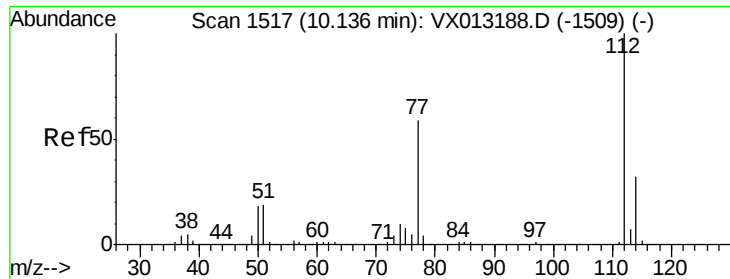
Tot Ion:117 Resp: 160636
Ion Ratio Lower Upper
117 100
82 59.6 46.5 69.7
119 32.9 25.2 37.8



#64
Tetrachloroethene
Concen: 18.024 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

Tgt Ion:164 Resp: 38166
Ion Ratio Lower Upper
164 100
166 124.3 102.2 153.4
129 92.2 79.8 119.8
131 92.2 75.3 112.9





#65

Chlorobenzene

Concen: 16.782 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

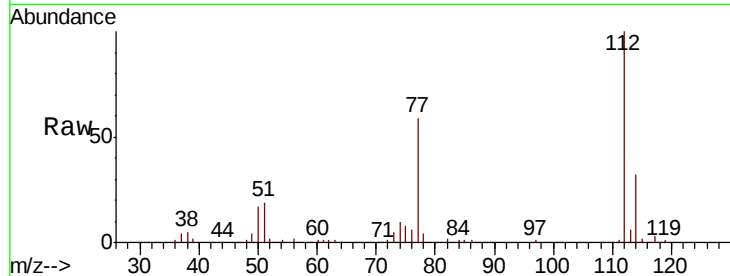
VX1025WBSD01

Tot Ion:112 Resp: 94366

Ion Ratio Lower Upper

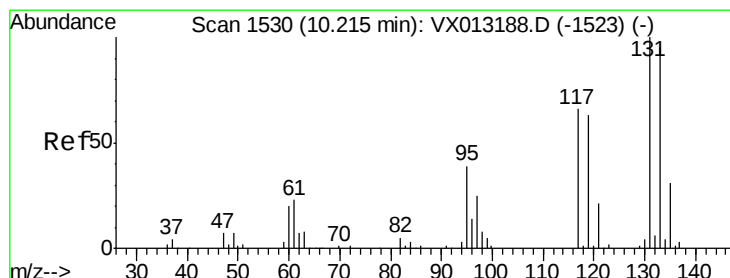
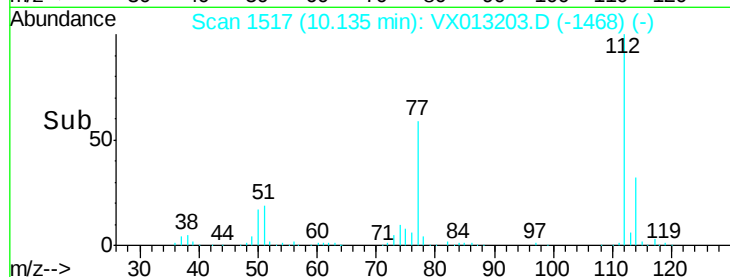
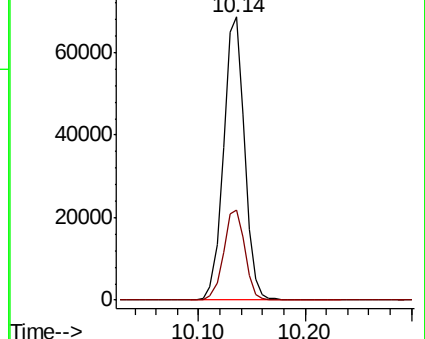
112 100

114 31.8 25.8 38.8



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: 17.147 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

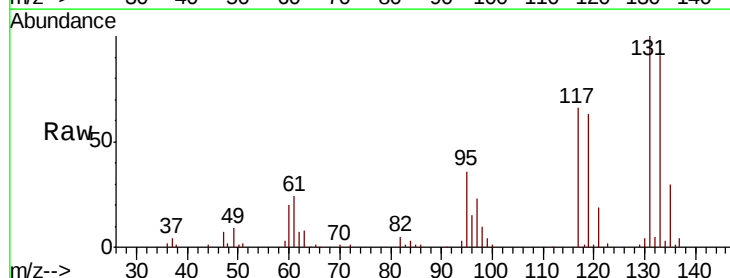
Tgt Ion:131 Resp: 35619

Ion Ratio Lower Upper

131 100

133 93.7 48.4 145.2

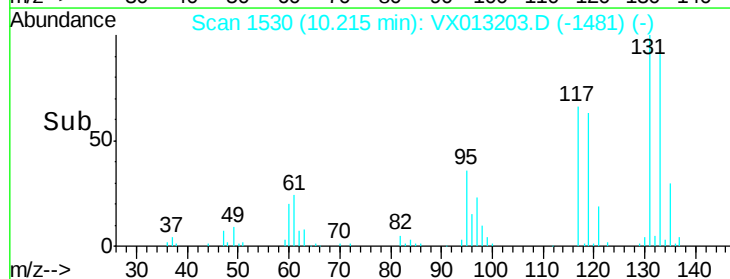
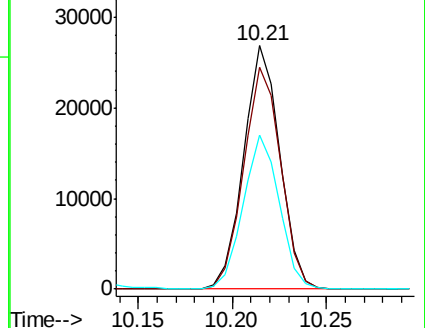
119 63.6 32.4 97.0

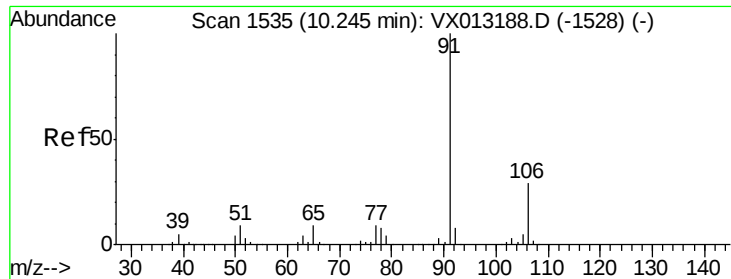


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

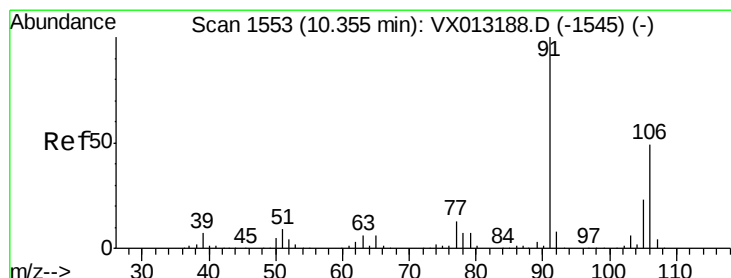
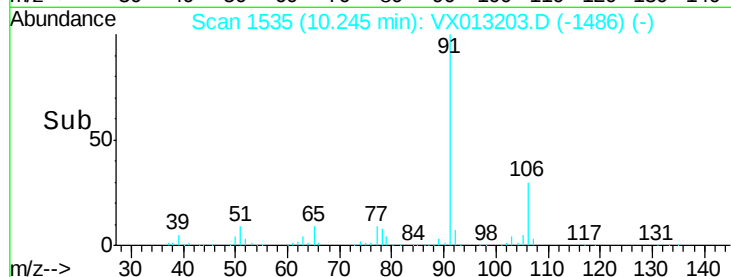
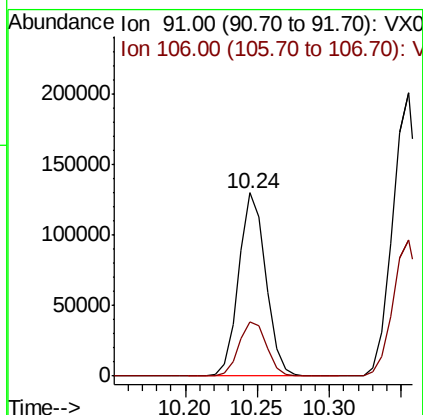
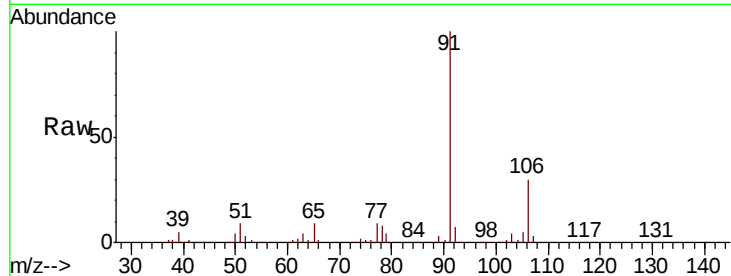




#67
Ethyl Benzene
Concen: 16.996 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

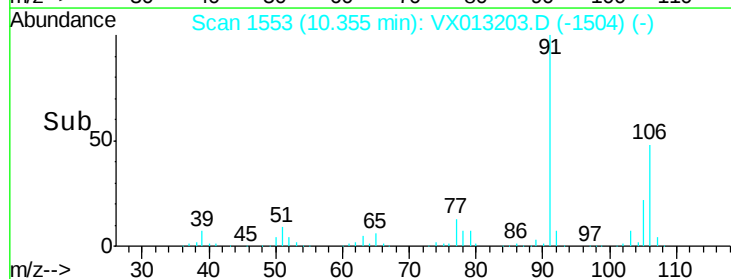
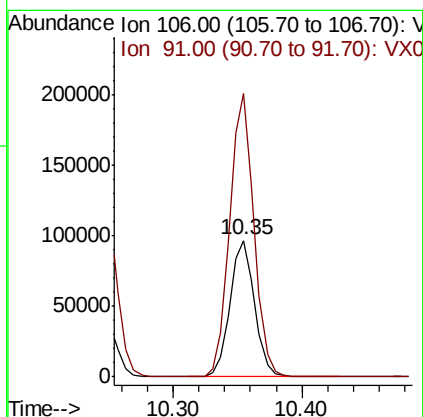
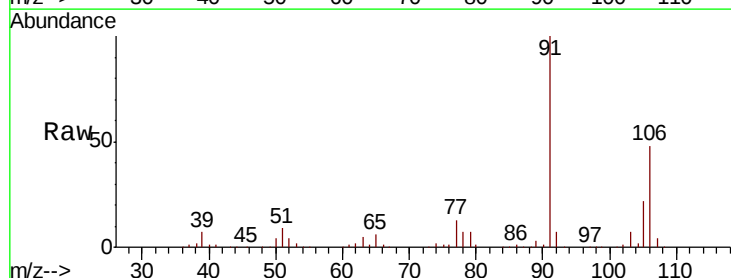
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

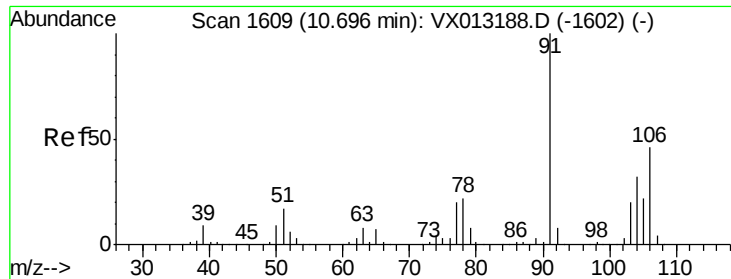
Tot Ion: 91 Resp: 171093
Ion Ratio Lower Upper
91 100
106 29.7 23.5 35.3



#68
m/p-Xylenes
Concen: 33.856 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

Tgt Ion: 106 Resp: 128800
Ion Ratio Lower Upper
106 100
91 205.7 166.8 250.2

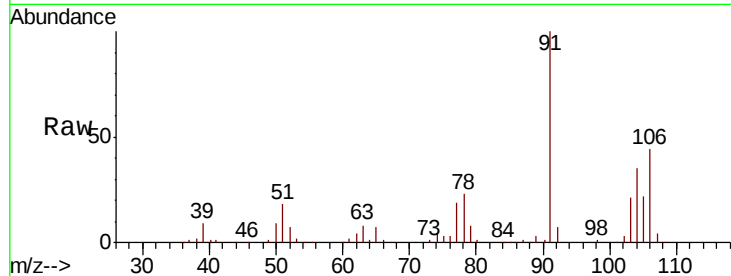




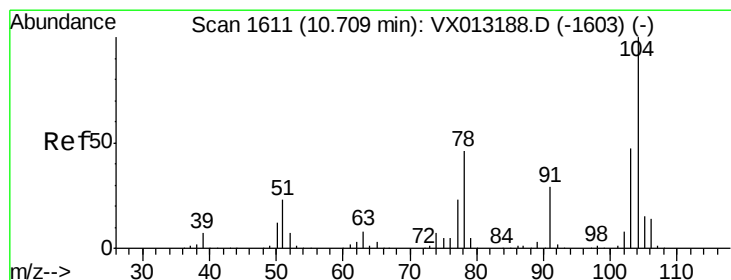
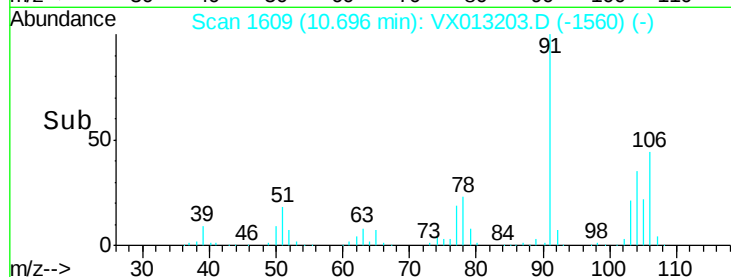
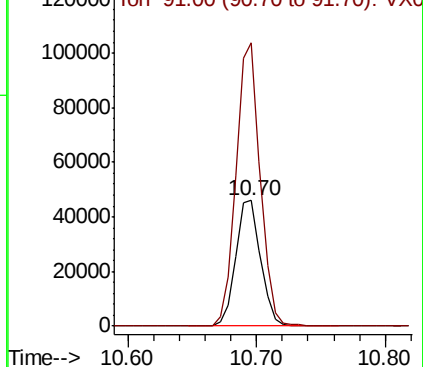
#69
o-Xylene
Concen: 16.913 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Tot Ion:106 Resp: 61723
Ion Ratio Lower Upper
106 100
91 218.3 110.7 331.9

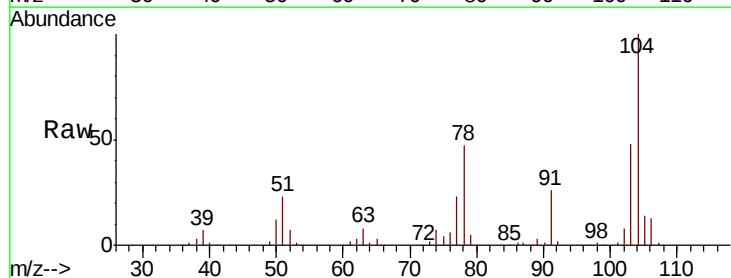


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

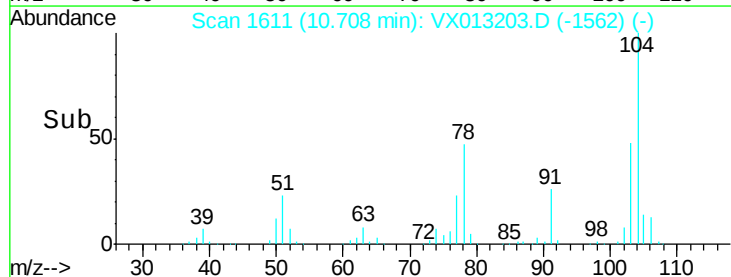
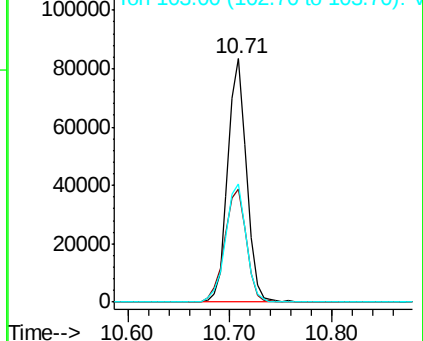


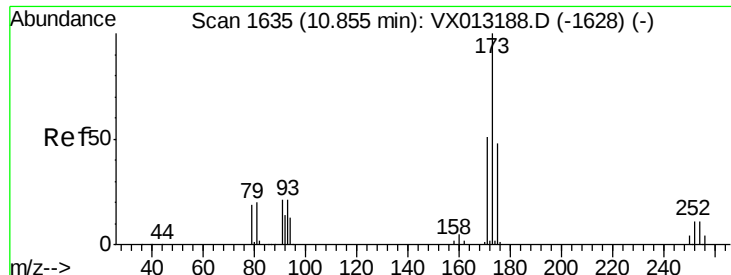
#70
Styrene
Concen: 16.895 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

Tgt Ion:104 Resp: 106172
Ion Ratio Lower Upper
104 100
78 53.6 42.2 63.4
103 53.6 42.8 64.2



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: 17.382 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

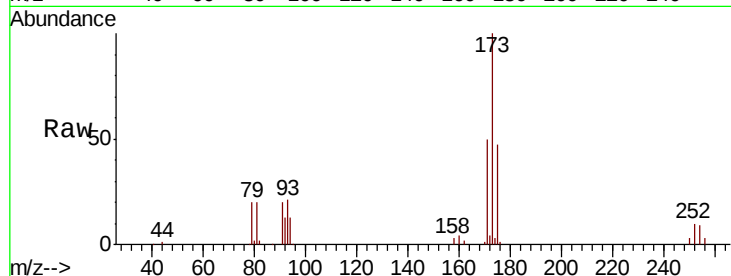
Tot Ion:173 Resp: 26383

Ion Ratio Lower Upper

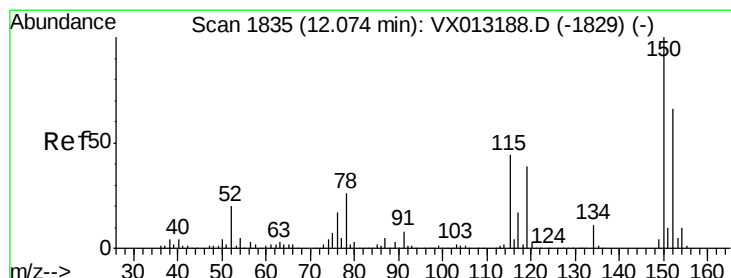
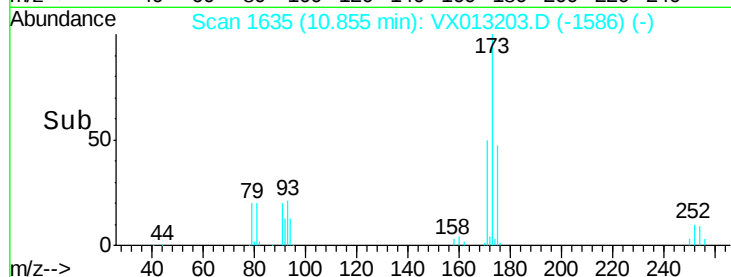
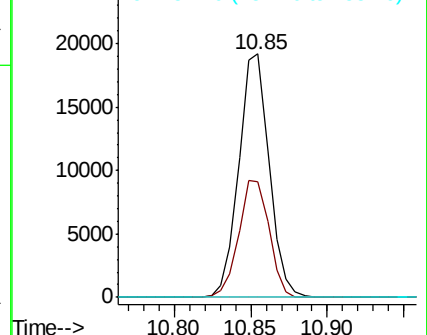
173 100

175 48.3 24.3 72.8

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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

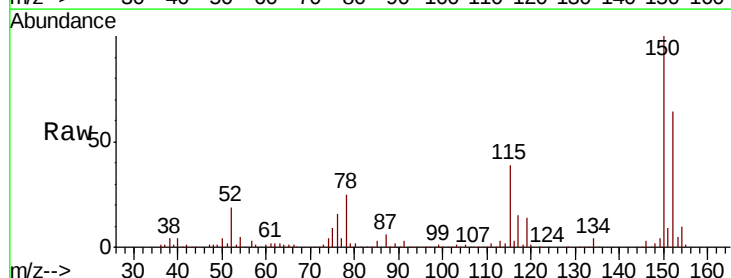
Tgt Ion:152 Resp: 109782

Ion Ratio Lower Upper

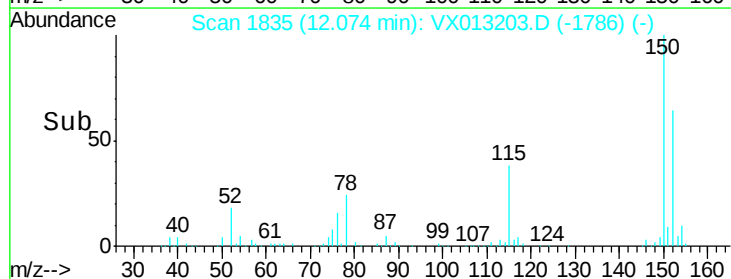
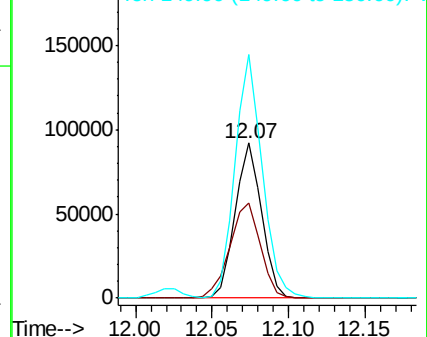
152 100

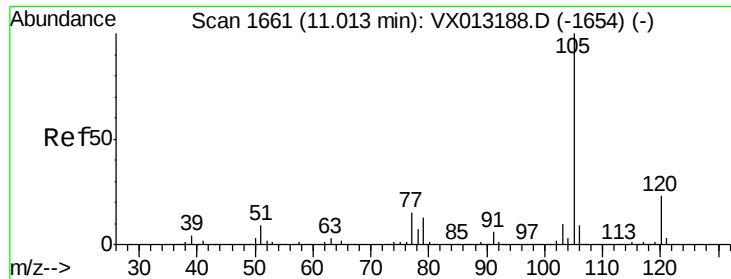
115 71.5 46.6 139.8

150 162.6 0.0 354.0



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: 17.262 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

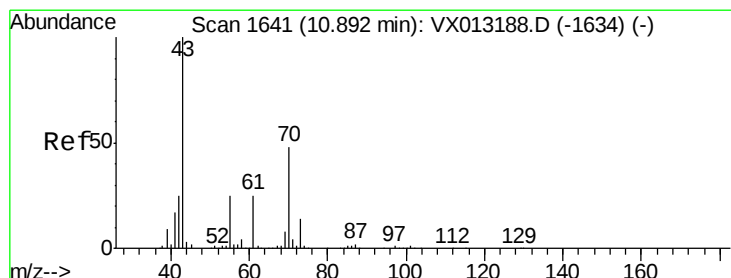
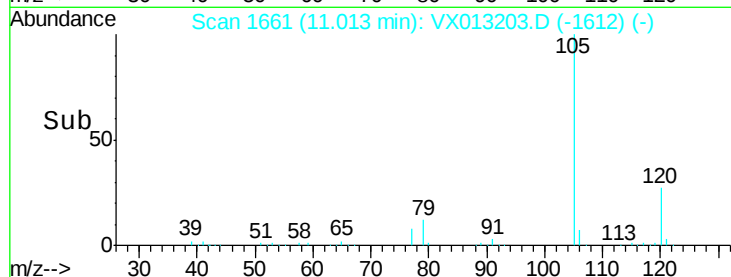
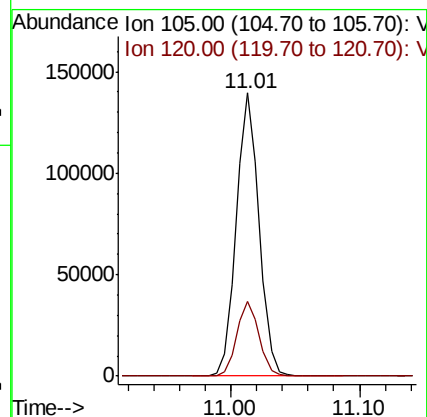
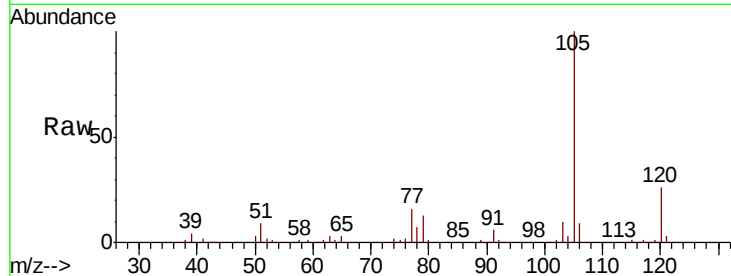
VX1025WBSD01

Tot Ion:105 Resp: 172092

Ion Ratio Lower Upper

105 100

120 25.9 12.6 37.8



#74

N-ethyl acetate

Concen: 16.219 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Tgt Ion: 43 Resp: 59344

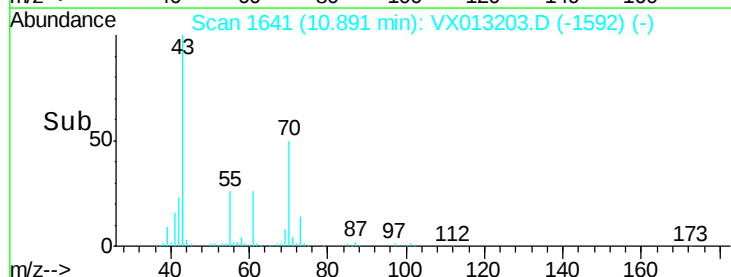
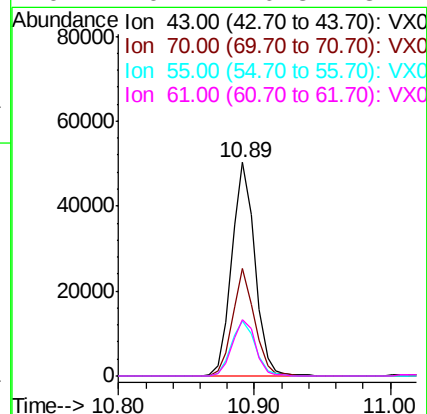
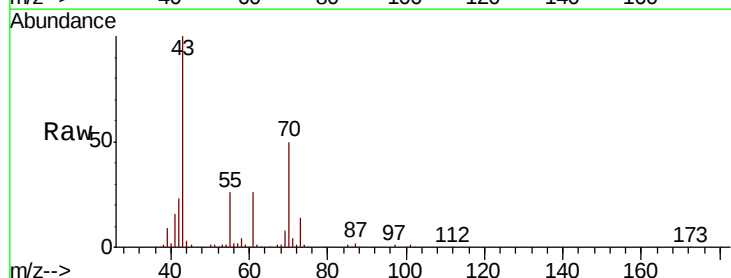
Ion Ratio Lower Upper

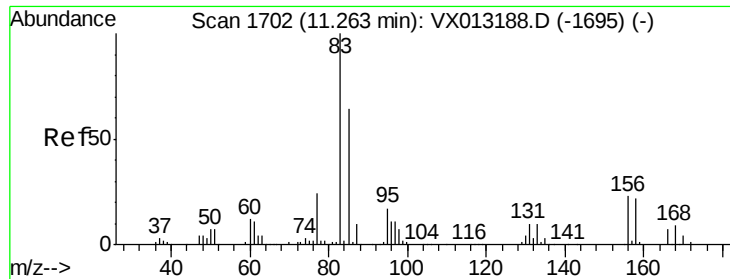
43 100

70 48.1 38.5 57.7

55 27.2 20.7 31.1

61 26.7 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 16.996 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

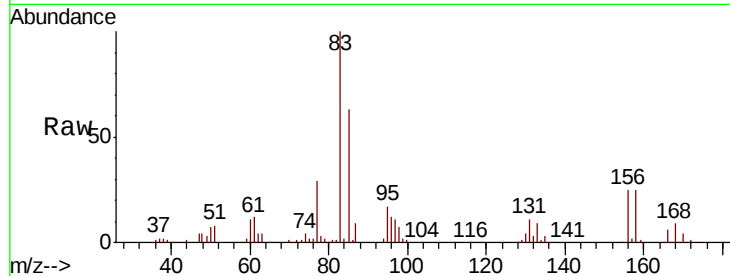
Tot Ion: 83 Resp: 51448

Ion Ratio Lower Upper

83 100

131 10.9 5.3 16.1

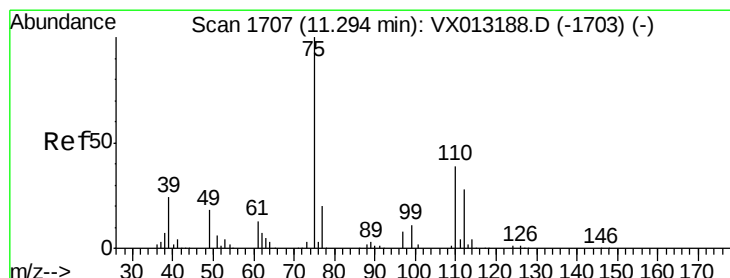
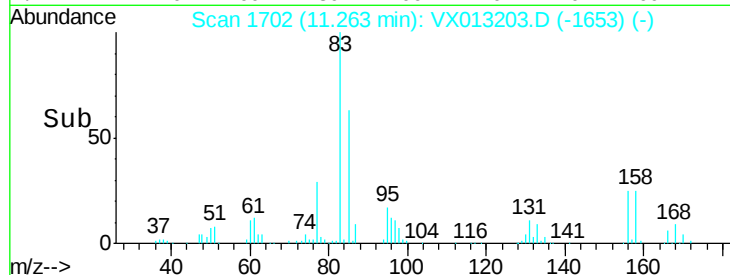
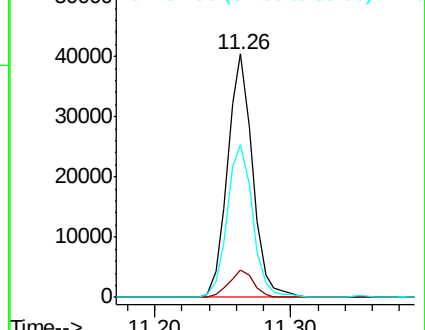
85 64.1 31.4 94.3



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: 22.075 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013203.D

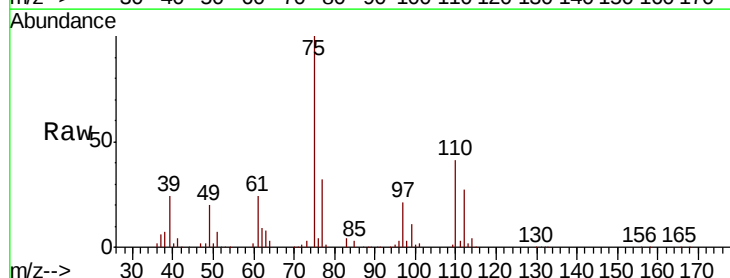
Acq: 24 Oct 2019 11:41

Tgt Ion: 75 Resp: 58410

Ion Ratio Lower Upper

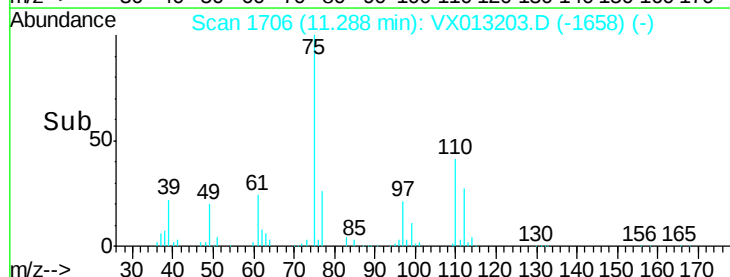
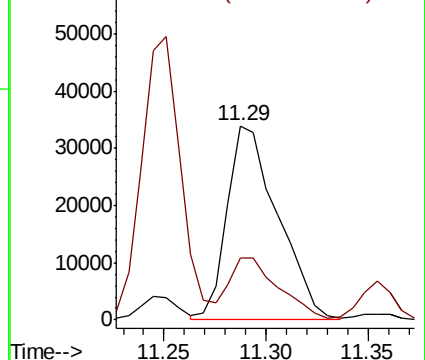
75 100

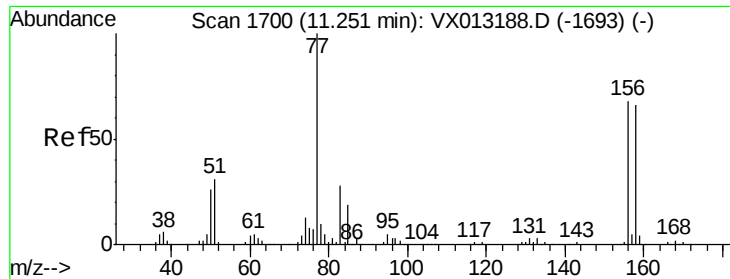
77 31.2 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.652 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

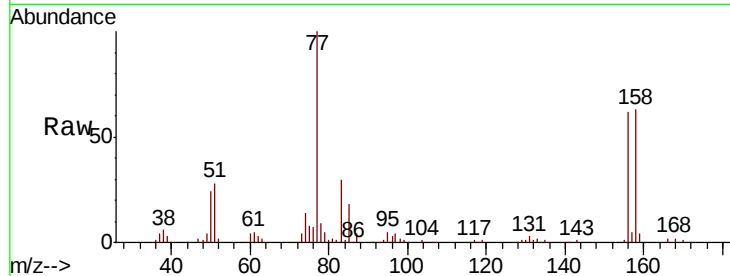
Tot Ion:156 Resp: 39788

Ion Ratio Lower Upper

156 100

77 165.9 81.7 245.1

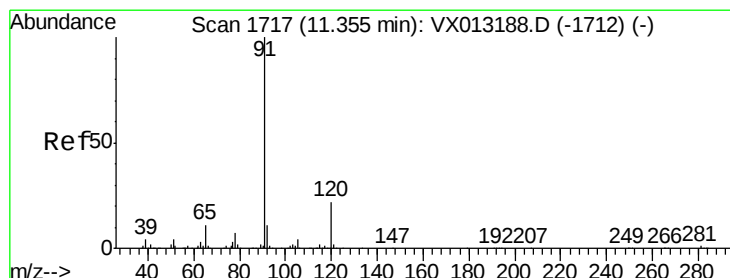
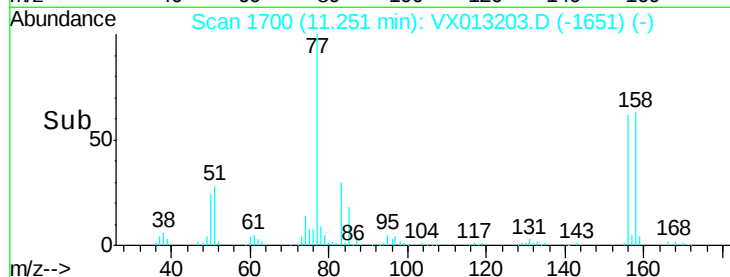
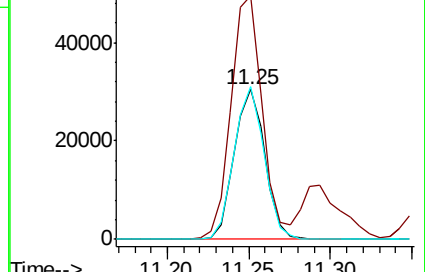
158 100.1 49.6 148.8



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: 17.530 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013203.D

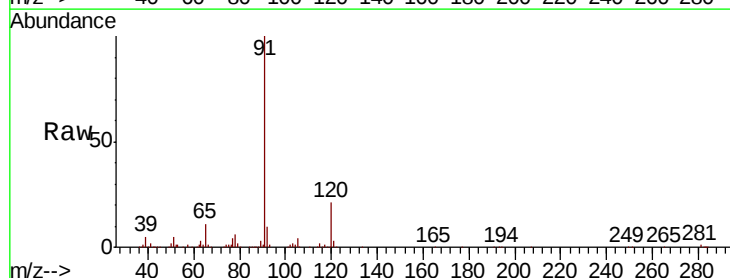
Acq: 24 Oct 2019 11:41

Tgt Ion: 91 Resp: 189834

Ion Ratio Lower Upper

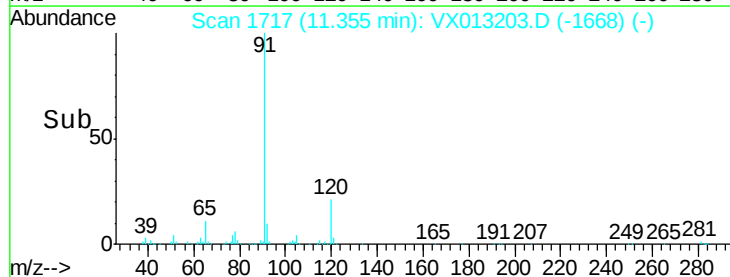
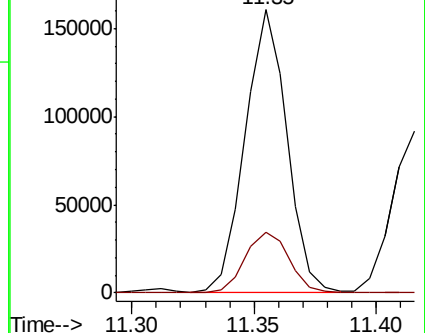
91 100

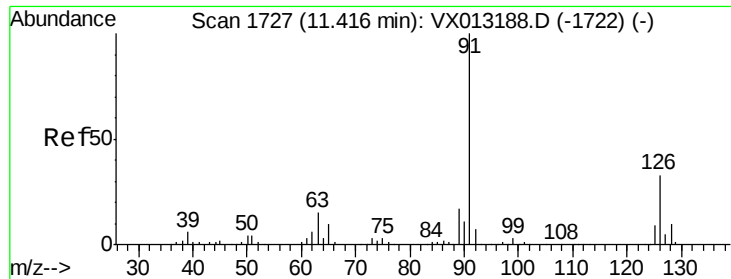
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

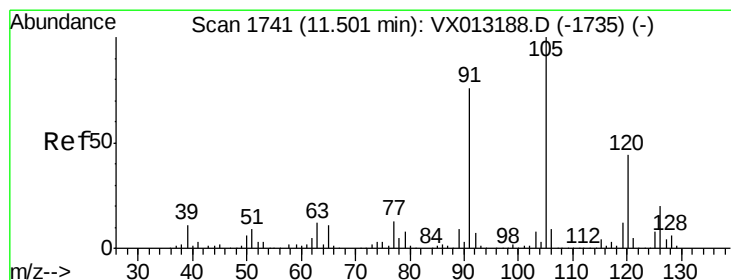
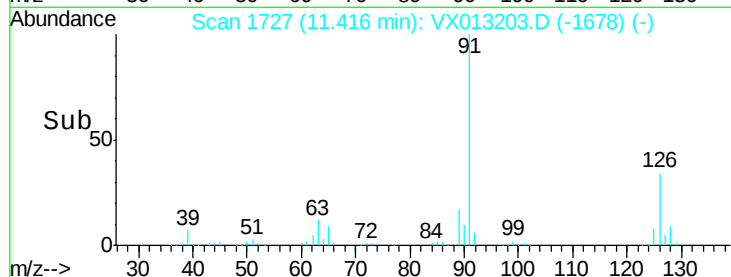
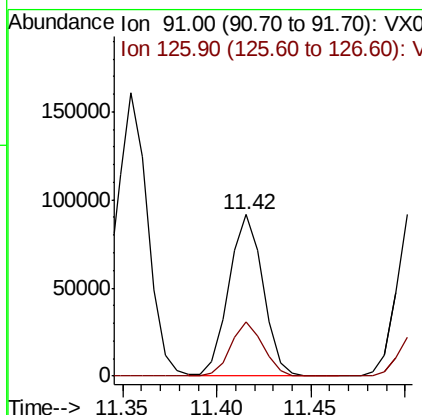
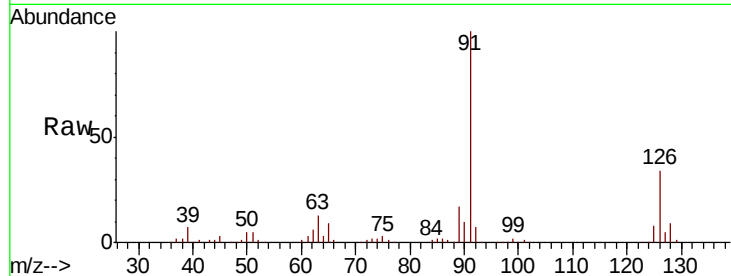




#79
 2-Chlorotoluene
 Concen: 16.792 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

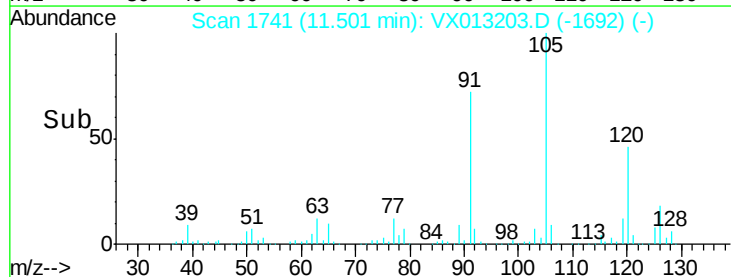
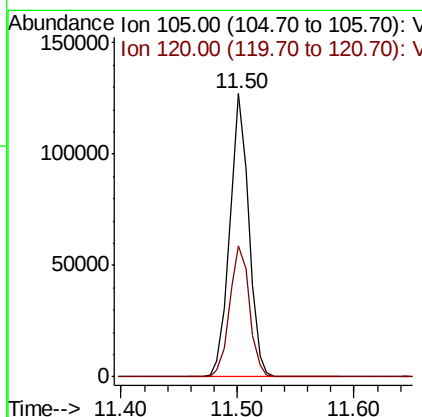
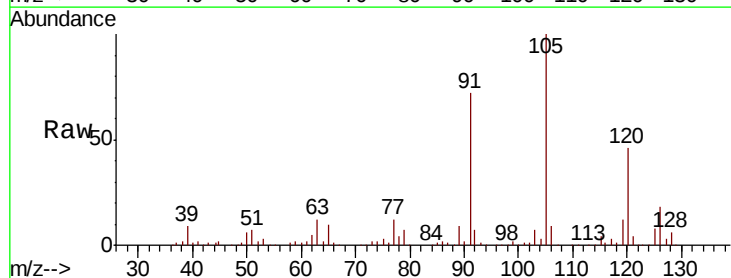
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

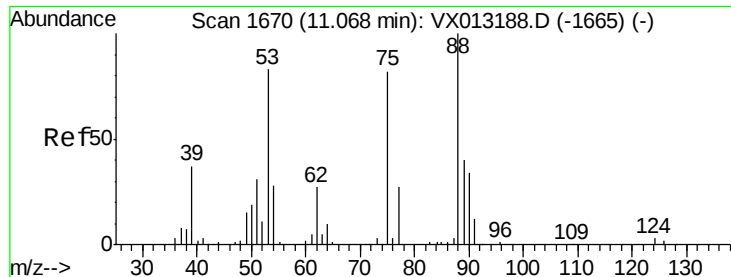
Tot Ion: 91 Resp: 114891
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 17.429 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

Tgt Ion: 105 Resp: 144419
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 15.513 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

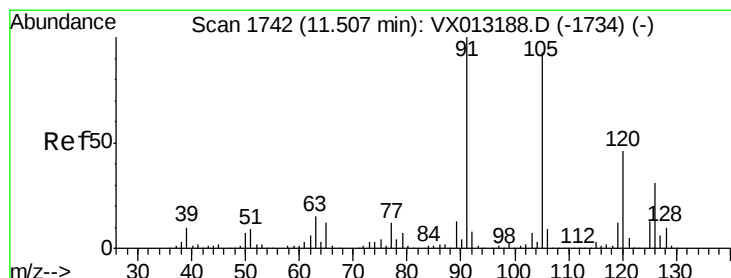
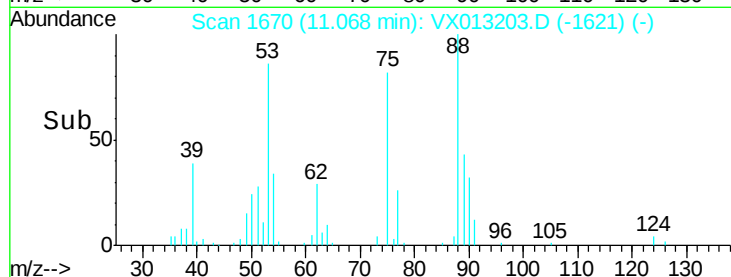
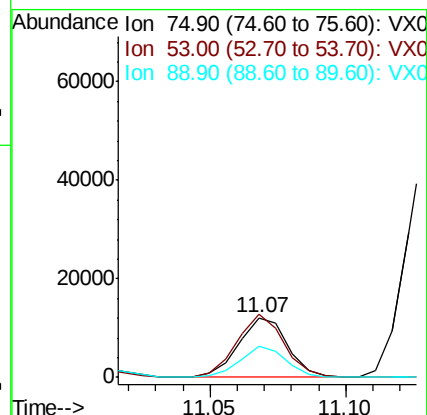
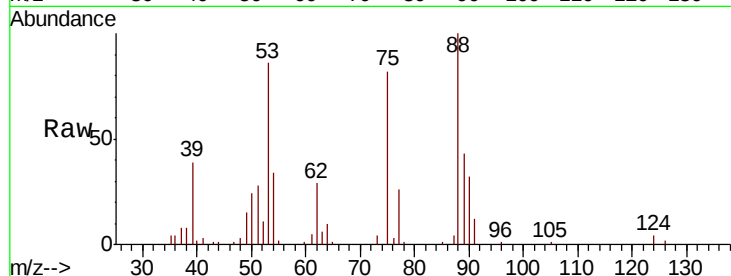
Tot Ion: 75 Resp: 14937

Ion Ratio Lower Upper

75 100

53 104.1 77.9 116.9

89 49.8 37.3 55.9



#82

4-Chlorotoluene

Concen: 17.136 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013203.D

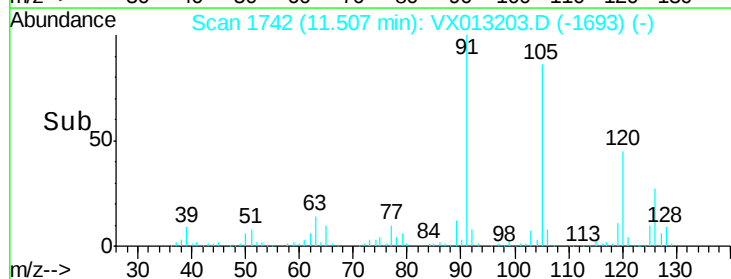
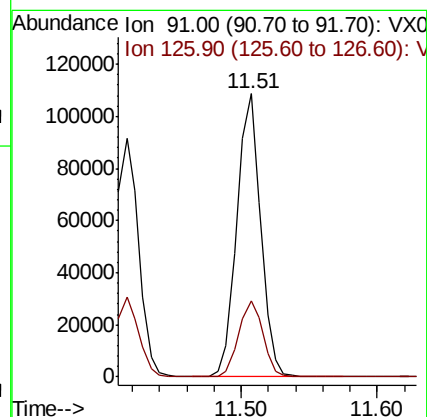
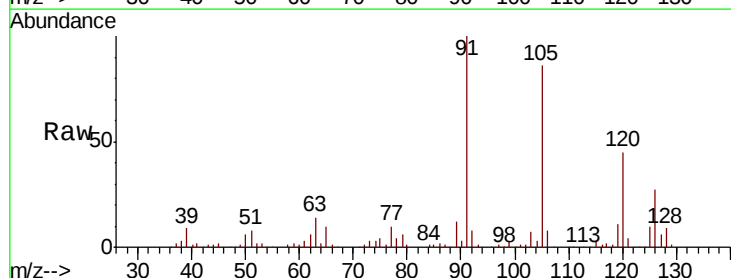
Acq: 24 Oct 2019 11:41

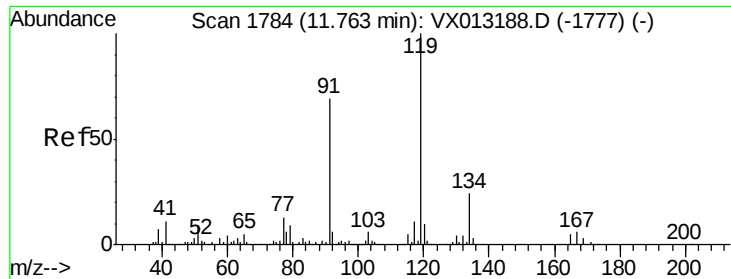
Tgt Ion: 91 Resp: 132848

Ion Ratio Lower Upper

91 100

126 27.4 14.6 44.0

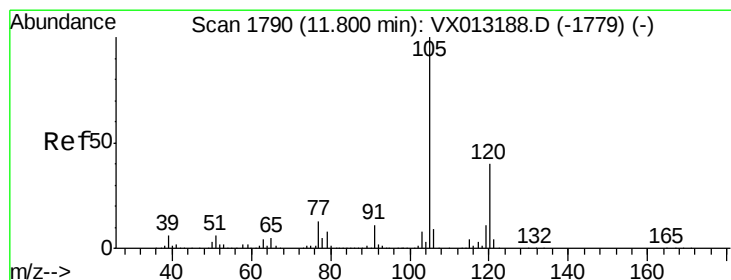
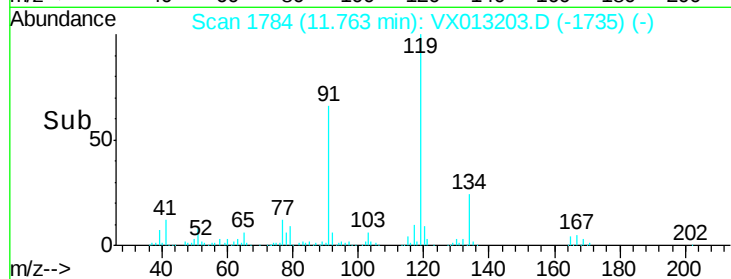
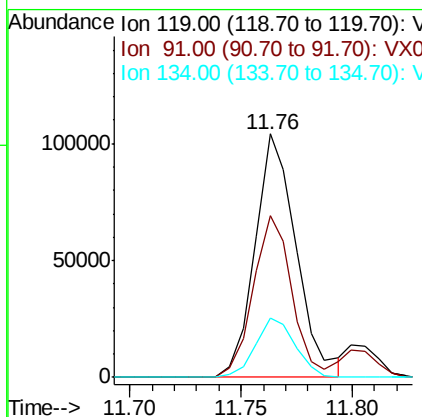
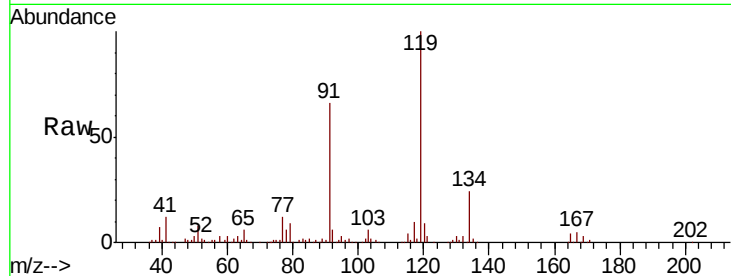




#83
 tert-Butylbenzene
 Concen: 16.374 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

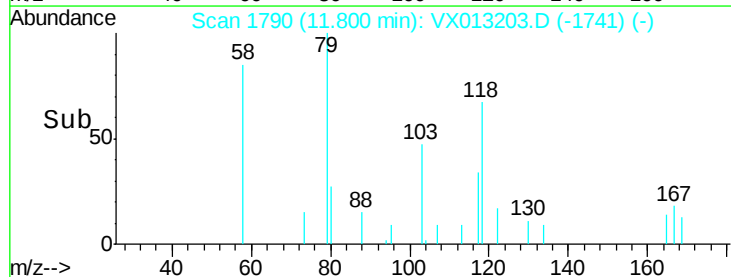
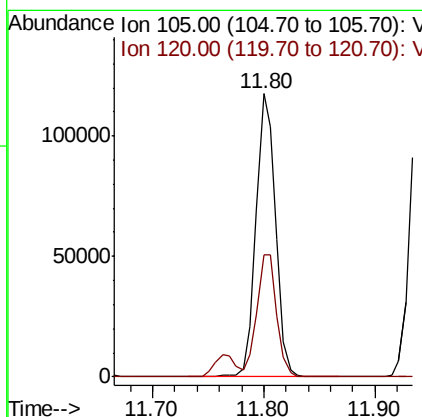
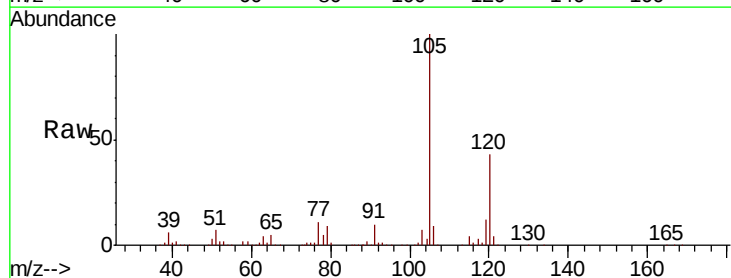
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

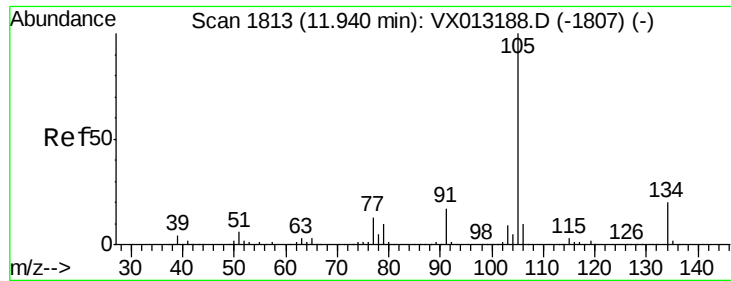
Tot Ion:119 Resp: 134237
 Ion Ratio Lower Upper
 119 100
 91 62.2 30.8 92.4
 134 23.3 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 17.228 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

Tgt Ion:105 Resp: 143994
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.4 64.3





#85

sec-Butylbenzene

Concen: 17.448 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

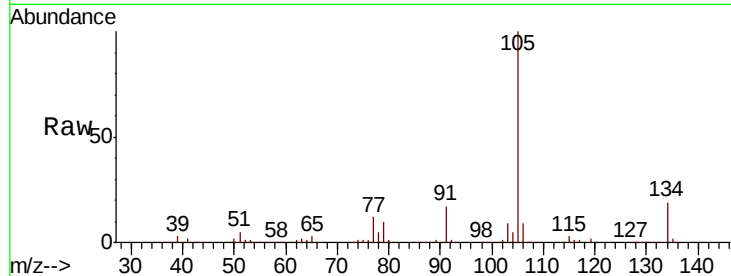
VX1025WBSD01

Tot Ion:105 Resp: 162779

Ion Ratio Lower Upper

105 100

134 19.9 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

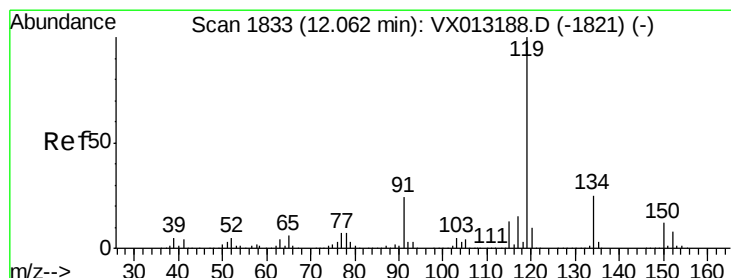
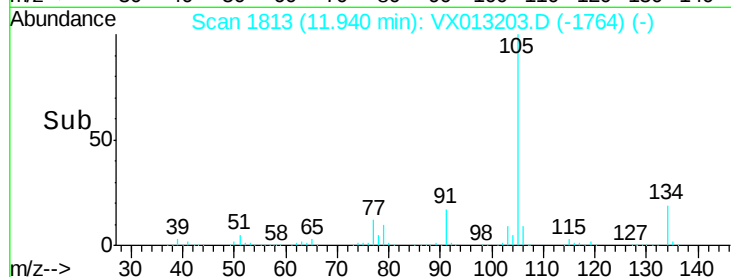
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 17.467 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

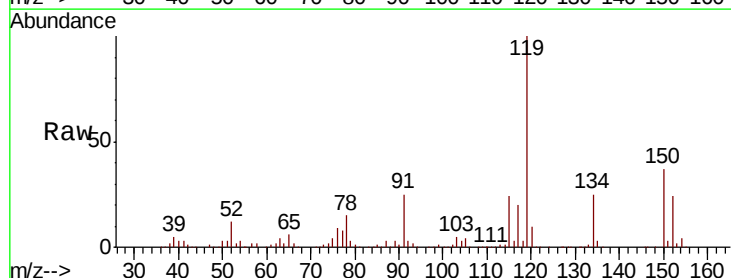
Tgt Ion:119 Resp: 153093

Ion Ratio Lower Upper

119 100

134 25.6 12.5 37.5

91 26.0 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

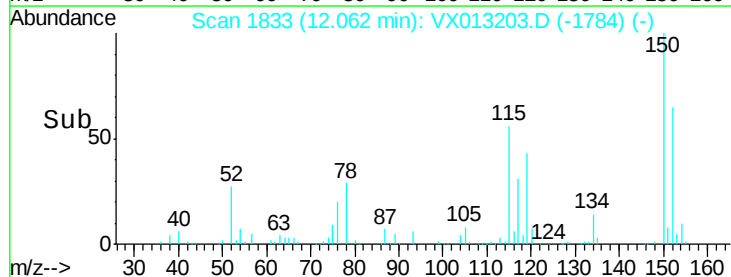
150000

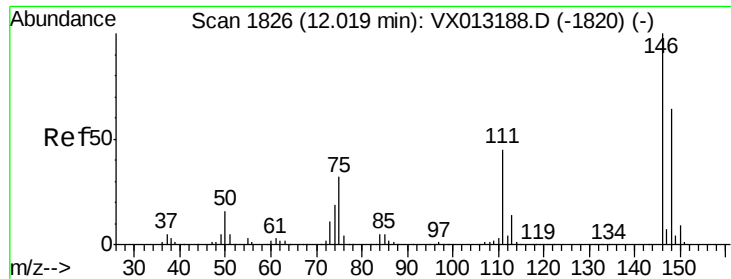
100000

50000

0

Time--> 12.00 12.10

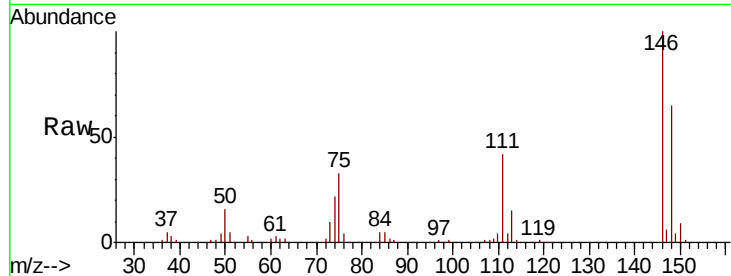




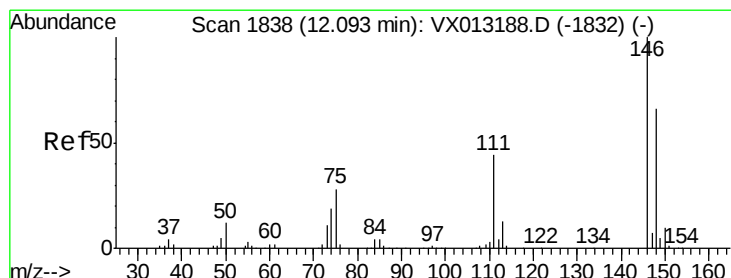
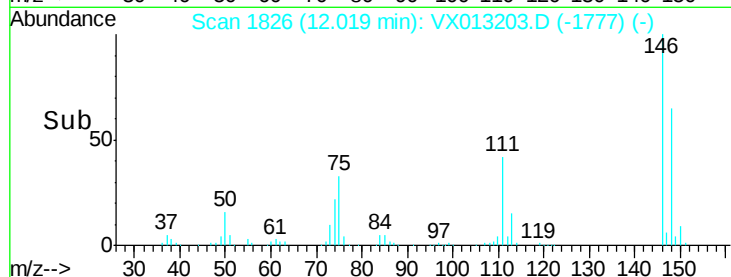
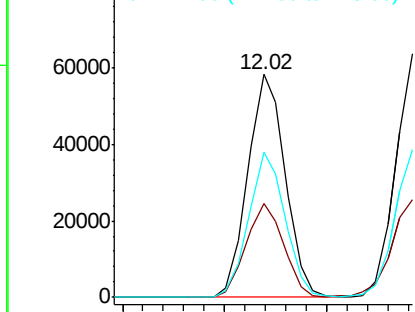
#87
 1,3-Dichlorobenzene
 Concen: 17.177 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

Tot Ion:146 Resp: 74147
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.3 63.9
 148 63.5 31.6 94.8

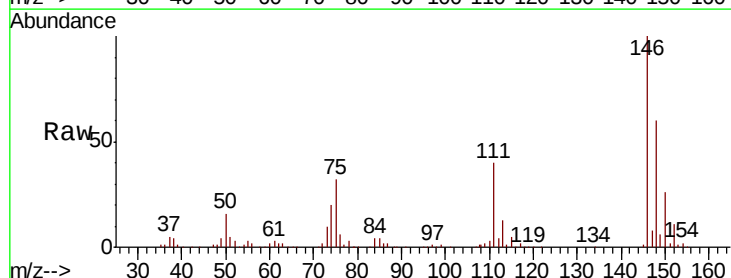


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

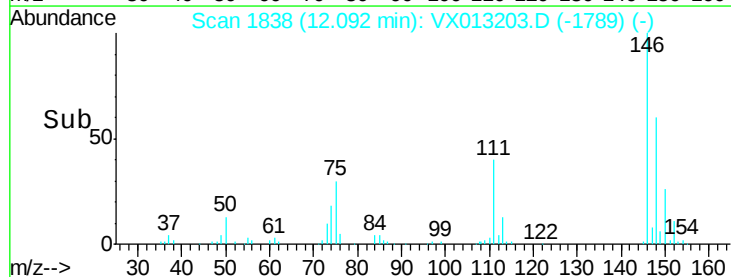
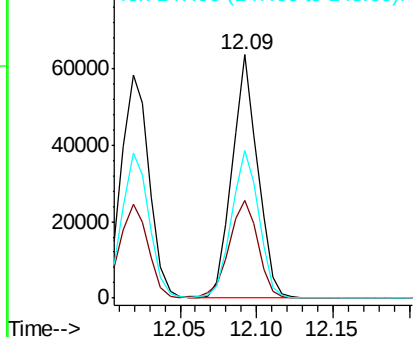


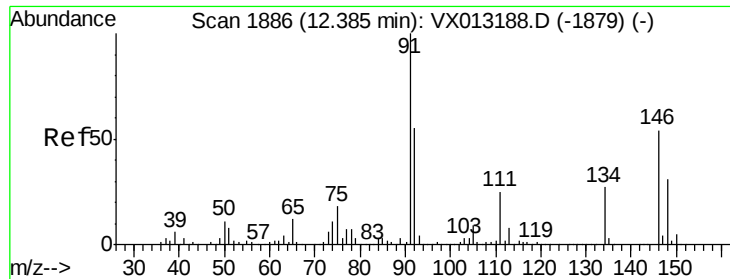
#88
 1,4-Dichlorobenzene
 Concen: 16.822 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

Tgt Ion:146 Resp: 73931
 Ion Ratio Lower Upper
 146 100
 111 45.4 21.3 63.9
 148 64.5 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.895 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013203.D

Acq: 24 Oct 2019 11:41

Instrument :

MSVOA_X

ClientSampleID :

VX1025WBSD01

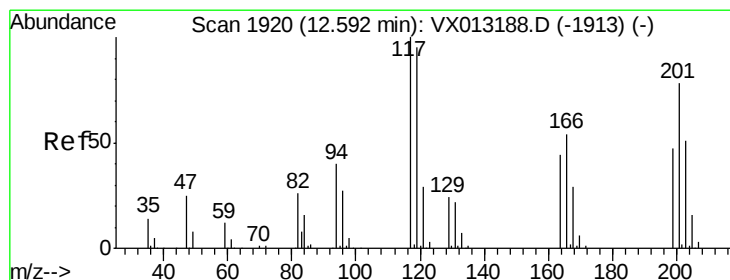
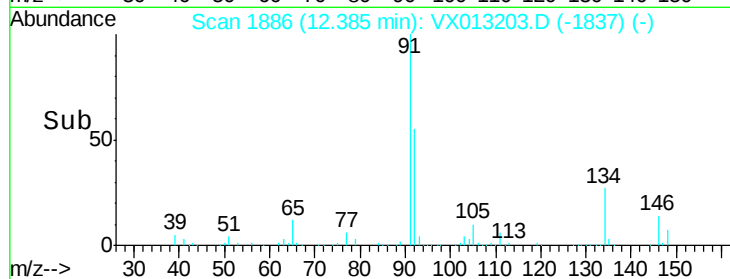
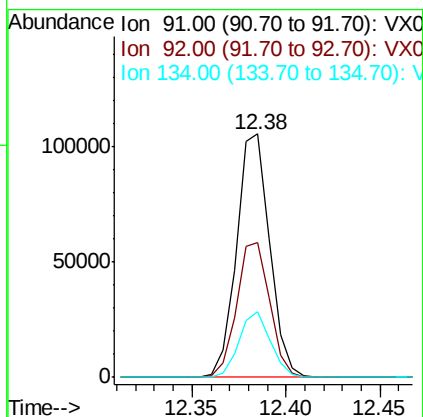
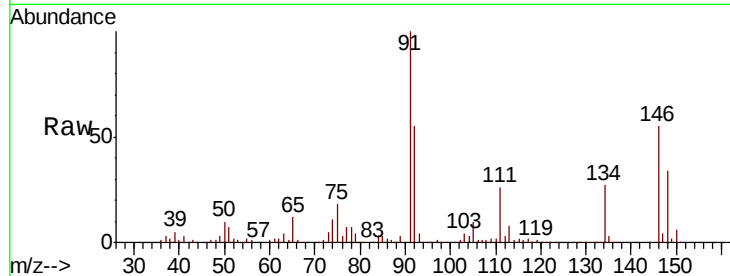
Tot Ion: 91 Resp: 128308

Ion Ratio Lower Upper

91 100

92 55.5 27.7 83.1

134 25.4 13.2 39.6



#90

Hexachloroethane

Concen: 16.962 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013203.D

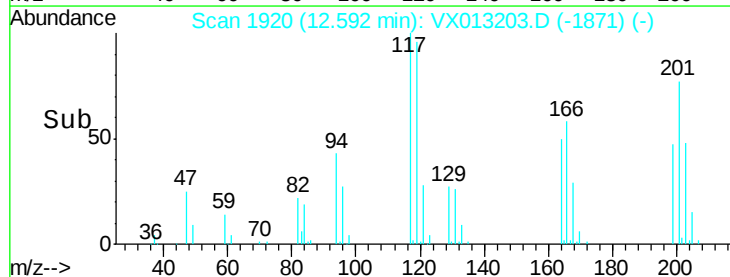
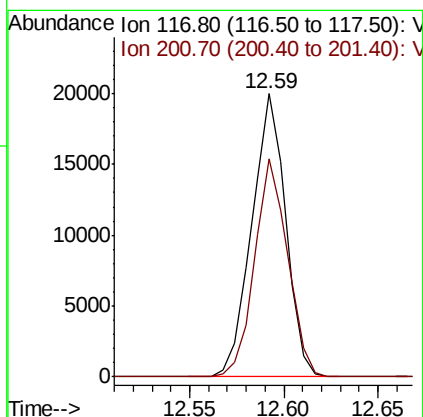
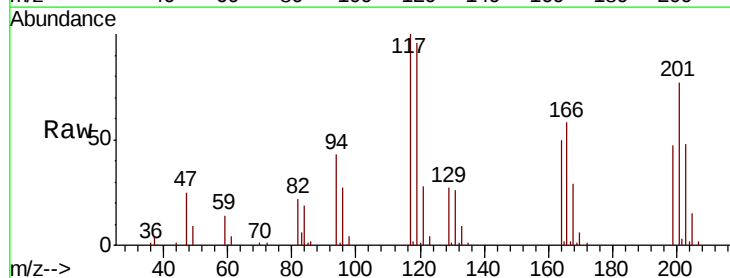
Acq: 24 Oct 2019 11:41

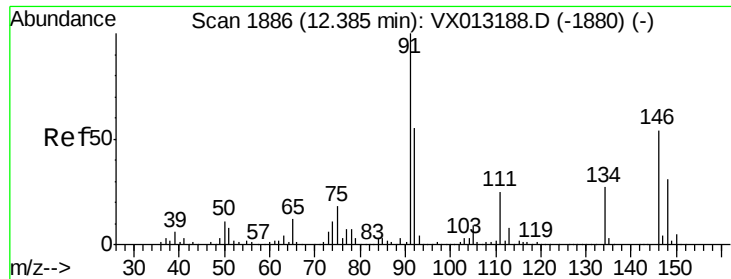
Tgt Ion: 117 Resp: 24897

Ion Ratio Lower Upper

117 100

201 75.1 39.0 116.9

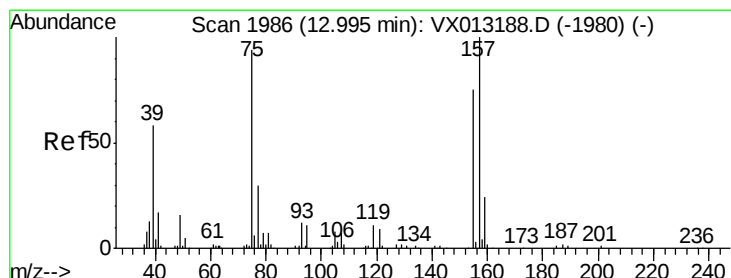
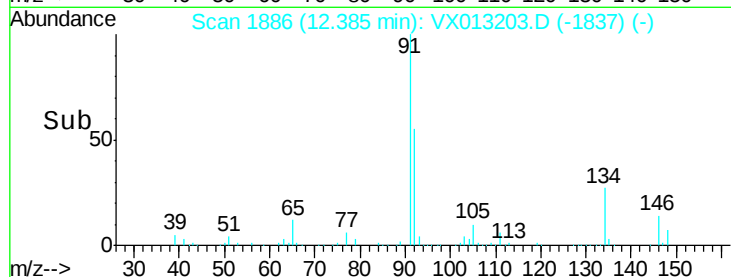
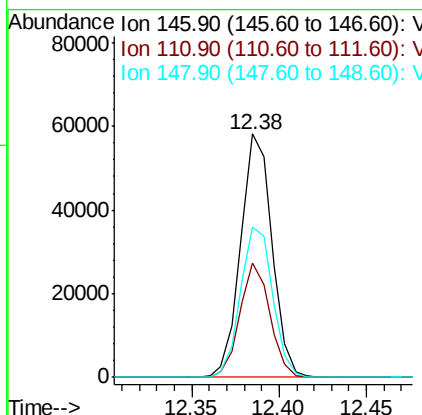
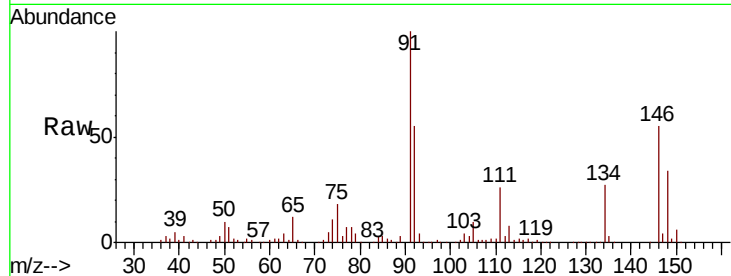




#91
 1,2-Dichlorobenzene
 Concen: 17.090 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

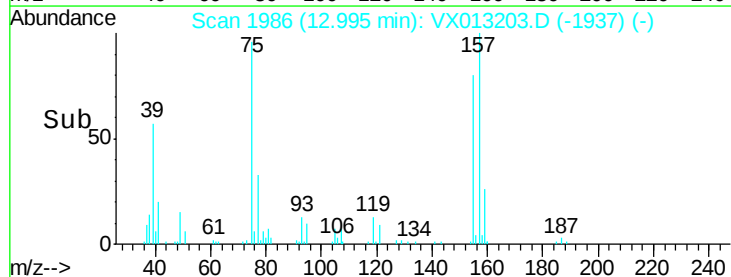
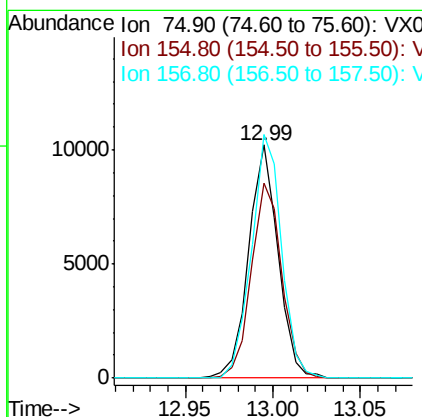
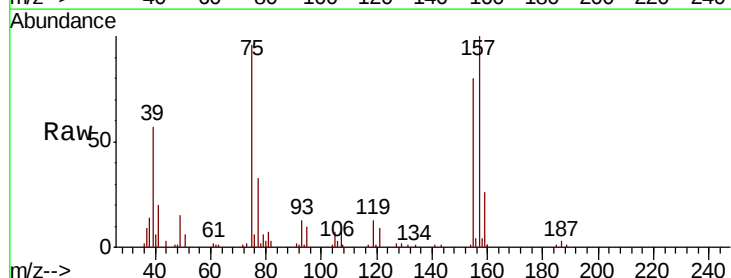
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

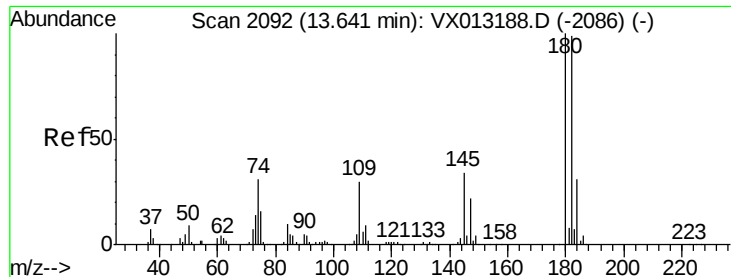
Tot Ion:146 Resp: 72542
 Ion Ratio Lower Upper
 146 100
 111 45.2 22.9 68.8
 148 63.5 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.851 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

Tgt Ion: 75 Resp: 11932
 Ion Ratio Lower Upper
 75 100
 155 86.8 42.8 128.4
 157 107.0 54.3 162.8

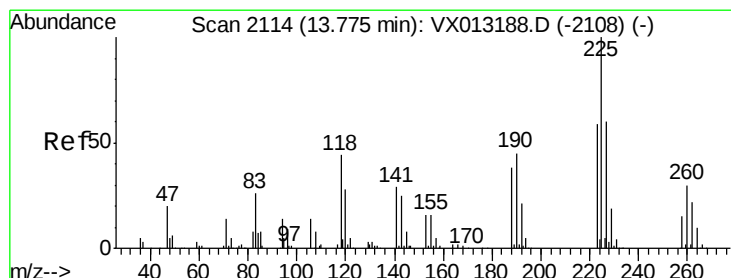
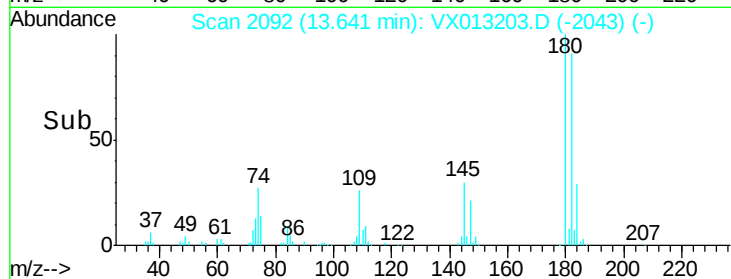
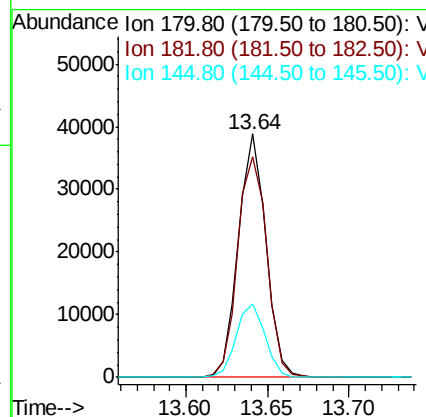
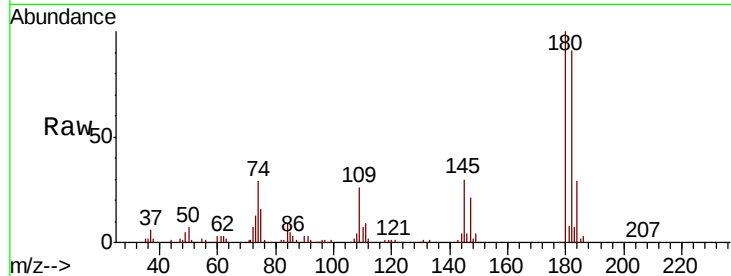




#93
 1,2,4-Trichlorobenzene
 Concen: 17.113 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

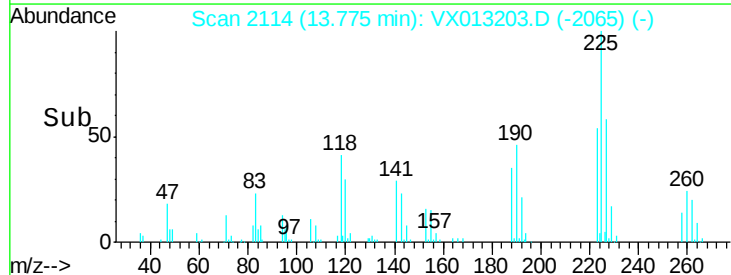
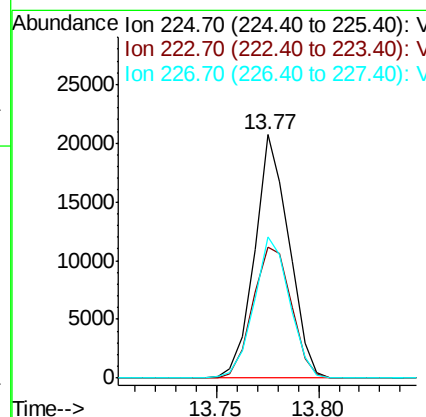
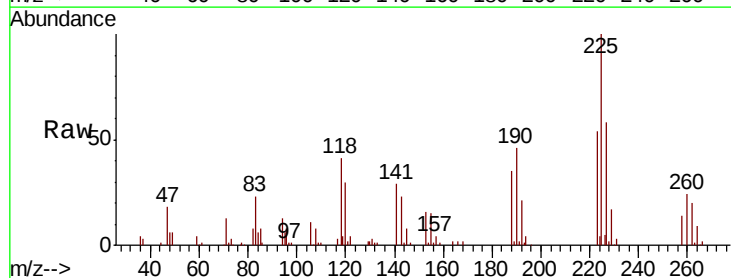
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

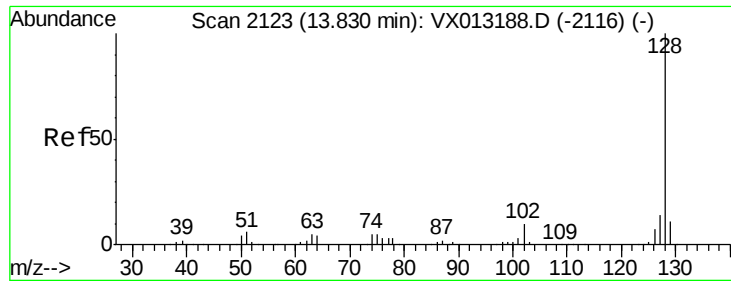
Tot Ion:180 Resp: 45740
 Ion Ratio Lower Upper
 180 100
 182 96.0 45.9 137.6
 145 31.8 15.9 47.6



#94
 Hexachlorobutadiene
 Concen: 17.507 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013203.D
 Acq: 24 Oct 2019 11:41

Tgt Ion:225 Resp: 24206
 Ion Ratio Lower Upper
 225 100
 223 60.3 30.9 92.5
 227 60.1 30.3 90.9

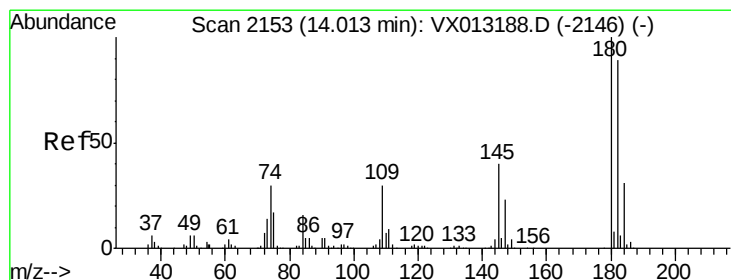
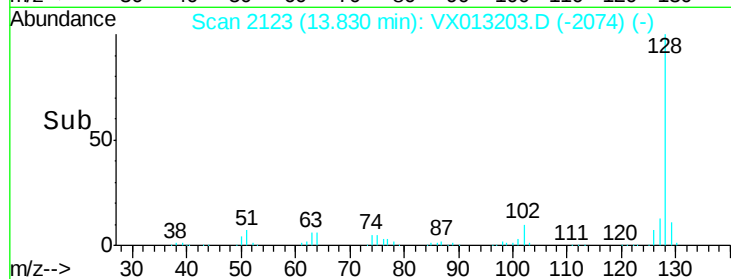
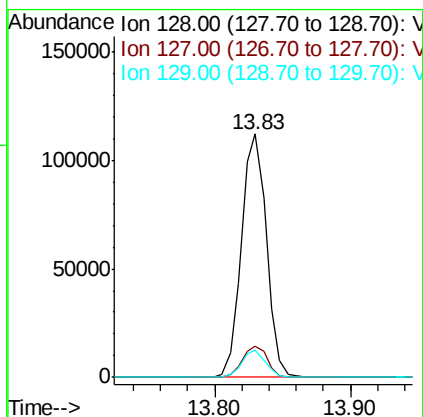
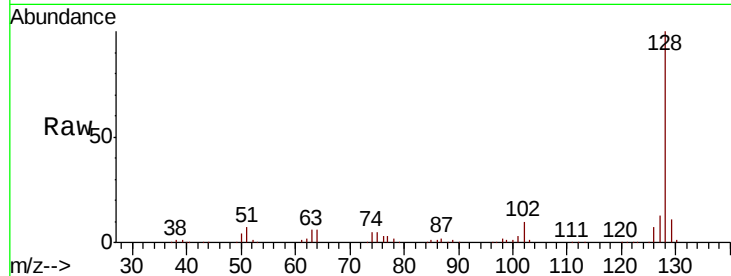




#95
Naphthalene
Concen: 17.537 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Tot Ion:128 Resp: 143861
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.359 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013203.D
Acq: 24 Oct 2019 11:41

Tgt Ion:180 Resp: 45848
Ion Ratio Lower Upper
180 100
182 96.4 48.3 144.9
145 36.0 18.6 55.6

