

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102419\
 Data File : VX013195.D
 Acq On : 23 Oct 2019 18:32
 Operator : JC/SP
 Sample : VX1024WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

Quant Time: Oct 24 04:01:56 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	85713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	125190	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	127184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	85130	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	84892	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	
35) Dibromofluoromethane	5.49	113	66991	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
50) Toluene-d8	8.71	98	244138	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
62) 4-Bromofluorobenzene	11.13	95	95706	46.74	ug/l	0.00
Spiked Amount			Recovery	=	93.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	33545	19.396	ug/l	99
3) Chloromethane	1.32	50	28981	20.927	ug/l	99
4) Vinyl Chloride	1.40	62	30458	19.569	ug/l	96
5) Bromomethane	1.63	94	19942	24.173	ug/l	92
6) Chloroethane	1.72	64	19785	21.244	ug/l	98
7) Trichlorofluoromethane	1.92	101	49976	20.525	ug/l	100
8) Diethyl Ether	2.18	74	17105	20.306	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	30087	19.780	ug/l	98
10) Methyl Iodide	2.50	142	34194	20.120	ug/l	98
11) Tert butyl alcohol	3.03	59	40149	102.606	ug/l	99
12) 1,1-Dichloroethene	2.36	96	28878	19.778	ug/l	93
13) Acrolein	2.28	56	18734	89.068	ug/l	99
14) Allyl chloride	2.72	41	46100	20.055	ug/l	99
15) Acrylonitrile	3.13	53	80764	102.208	ug/l	98
16) Acetone	2.43	43	91406	108.225	ug/l	99
17) Carbon Disulfide	2.56	76	74850	19.068	ug/l	98
18) Methyl Acetate	2.76	43	39526	21.986	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	104593	20.342	ug/l	99
20) Methylene Chloride	2.84	84	32834	20.957	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	32095	21.401	ug/l	94
22) Diisopropyl ether	3.84	45	92410	20.560	ug/l	95
23) Vinyl Acetate	3.80	43	400437	104.820	ug/l	99
24) 1,1-Dichloroethane	3.69	63	55751	20.166	ug/l	98
25) 2-Butanone	4.66	43	119291	105.317	ug/l	99
26) 2,2-Dichloropropane	4.57	77	50738	19.858	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	36203	20.246	ug/l	98
28) Bromochloromethane	5.00	49	14635	20.530	ug/l	98
29) Tetrahydrofuran	5.12	42	71065	104.088	ug/l	97
30) Chloroform	5.20	83	59924	20.358	ug/l	100
31) Cyclohexane	5.57	56	47761	20.600	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	53120	20.297	ug/l	98
36) 1,1-Dichloropropene	5.79	75	43381	20.656	ug/l	99
37) Ethyl Acetate	4.82	43	43502	20.852	ug/l	98
38) Carbon Tetrachloride	5.78	117	45469	19.650	ug/l	92

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Instrument :
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Quant Time: Oct 24 04:01:56 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	7.46	83	52517	19.595	ug/l	100
40) Benzene	6.14	78	126325	20.089	ug/l	100
41) Methacrylonitrile	5.03	41	23455	20.970	ug/l	98
42) 1,2-Dichloroethane	6.18	62	48681	20.533	ug/l	99
43) Isopropyl Acetate	6.43	43	71292	20.582	ug/l	99
44) Trichloroethene	7.21	130	35647	19.974	ug/l	99
45) 1,2-Dichloropropane	7.51	63	31618	20.076	ug/l	99
46) Dibromomethane	7.65	93	22665	19.974	ug/l	98
47) Bromodichloromethane	7.89	83	44544	20.144	ug/l	98
48) Methyl methacrylate	7.76	41	35015	20.453	ug/l	99
49) 1,4-Dioxane	7.73	88	17455	400.606	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	218579	103.530	ug/l	99
52) Toluene	8.78	92	82265	19.741	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	49024	20.862	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	53277	20.725	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	33041	20.054	ug/l	91
56) Ethyl methacrylate	9.17	69	52108	21.014	ug/l	99
57) 1,3-Dichloropropane	9.37	76	56550	20.342	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	104607	108.112	ug/l	99
59) 2-Hexanone	9.49	43	170468	104.820	ug/l	98
60) Dibromochloromethane	9.57	129	34380	19.914	ug/l	97
61) 1,2-Dibromoethane	9.67	107	35505	20.299	ug/l	98
64) Tetrachloroethene	9.33	164	34888	21.119	ug/l	97
65) Chlorobenzene	10.14	112	87291	19.606	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	32606	19.825	ug/l	98
67) Ethyl Benzene	10.25	91	157333	19.740	ug/l	99
68) m/p-Xylenes	10.35	106	119140	39.553	ug/l	100
69) o-Xylene	10.70	106	58334	20.188	ug/l	98
70) Styrene	10.71	104	99163	19.930	ug/l	99
71) Bromoform	10.85	173	23570	19.613	ug/l #	97
73) Isopropylbenzene	11.01	105	158586	20.514	ug/l	100
74) N-amyl acetate	10.89	43	57940	20.421	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	47426	20.204	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	57199	27.878	ug/l	90
77) Bromobenzene	11.25	156	37511	20.245	ug/l	97
78) n-propylbenzene	11.35	91	172471	20.539	ug/l	100
79) 2-Chlorotoluene	11.42	91	107333	20.230	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	129158	20.101	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	14825	19.855	ug/l	95
82) 4-Chlorotoluene	11.51	91	125484	20.874	ug/l	99
83) tert-Butylbenzene	11.76	119	126372	19.878	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	135383	20.888	ug/l	100
85) sec-Butylbenzene	11.94	105	144792	20.014	ug/l	99
86) p-Isopropyltoluene	12.06	119	138522	20.381	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	67655	20.212	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	67100	19.689	ug/l	100
89) n-Butylbenzene	12.38	91	113038	20.331	ug/l	97
90) Hexachloroethane	12.59	117	22404	19.684	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	65968	20.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11423	19.569	ug/l	100

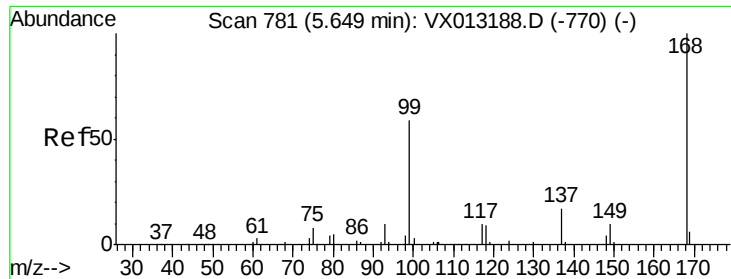
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102419\
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ClientSampleId :
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Quant Time: Oct 24 04:01:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast 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	41609	20.076	ug/l	96
94) Hexachlorobutadiene	13.77	225	21047	19.631	ug/l	97
95) Naphthalene	13.83	128	136405	21.444	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	42505	20.754	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

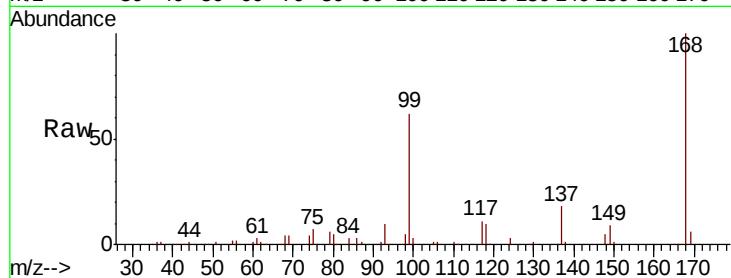
VX1024WBSD02

Tot Ion:168 Resp: 85713

Ion Ratio Lower Upper

168 100

99 61.6 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

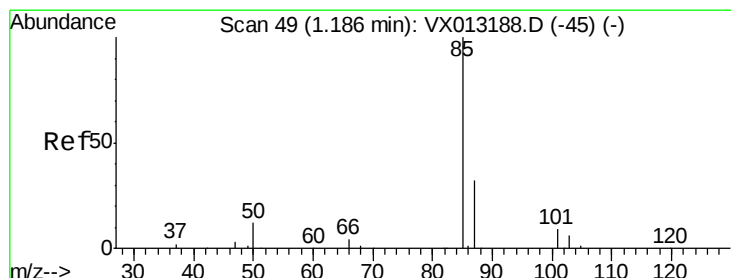
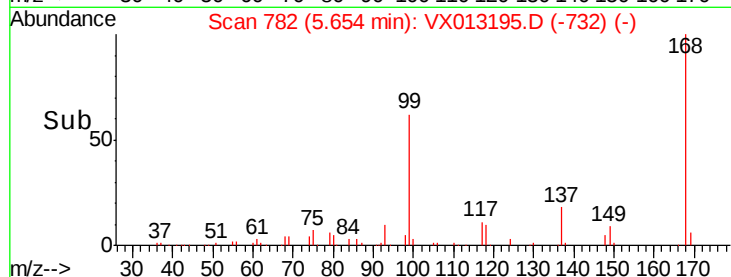
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.396 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013195.D

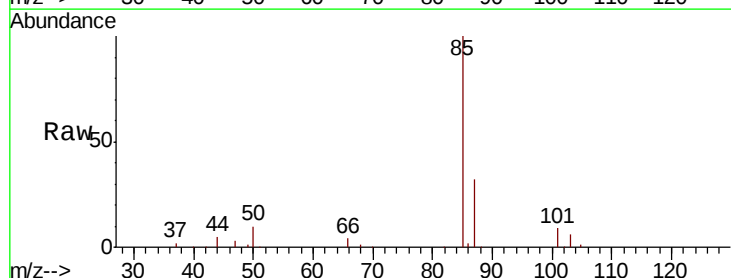
Acq: 23 Oct 2019 18:32

Tgt Ion: 85 Resp: 33545

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

1.19

40000

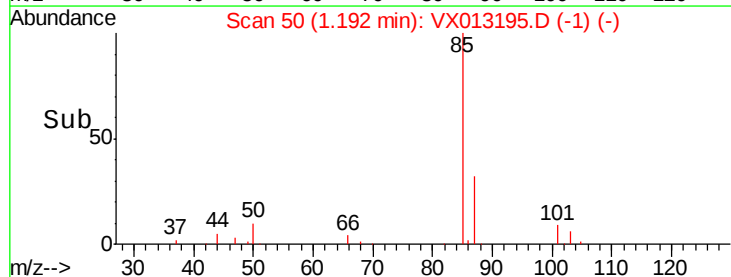
30000

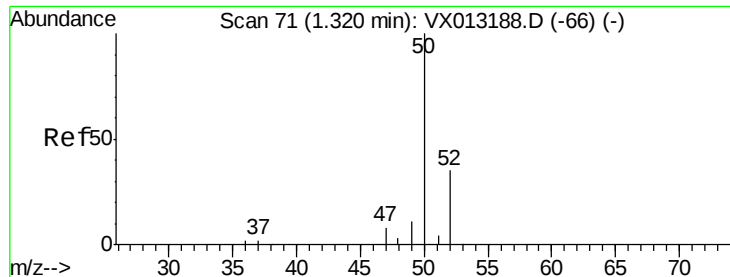
20000

10000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 20.927 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

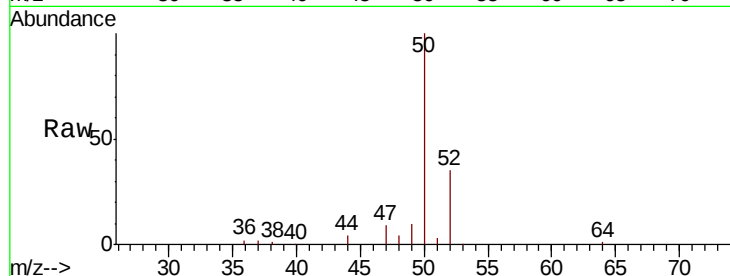
VX1024WBSD02

Tot Ion: 50 Resp: 28981

Ion Ratio Lower Upper

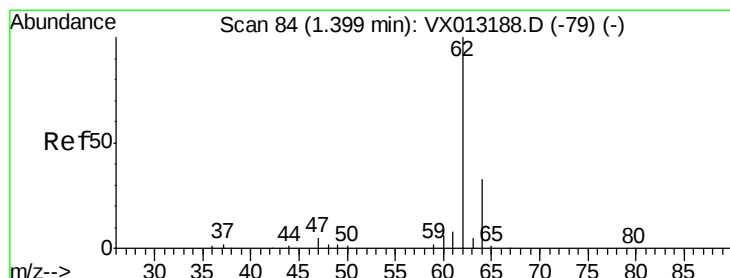
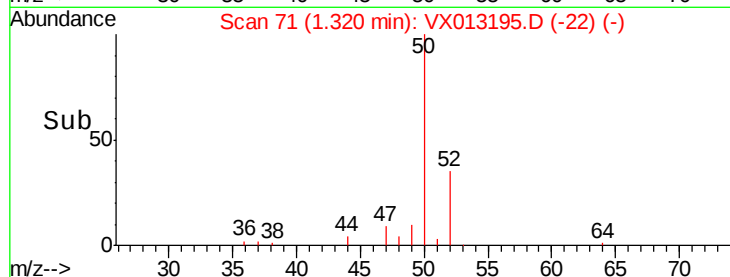
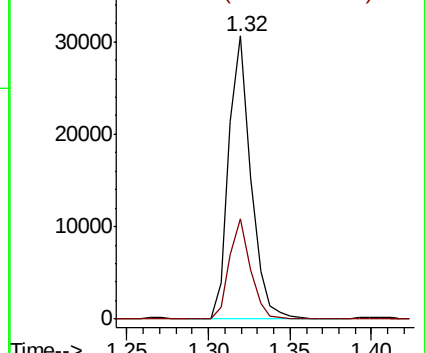
50 100

52 35.4 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: 19.569 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013195.D

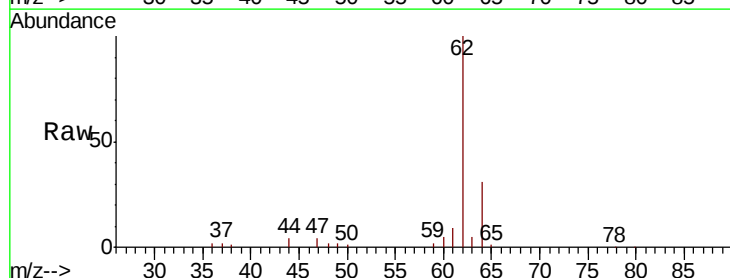
Acq: 23 Oct 2019 18:32

Tgt Ion: 62 Resp: 30458

Ion Ratio Lower Upper

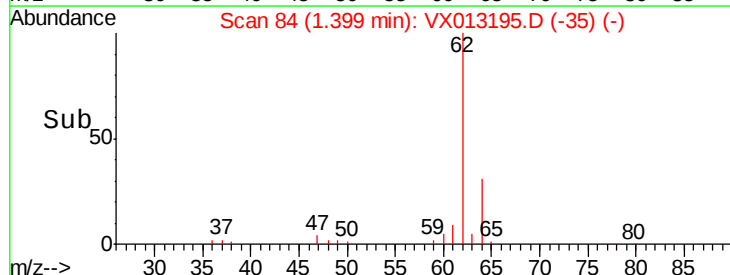
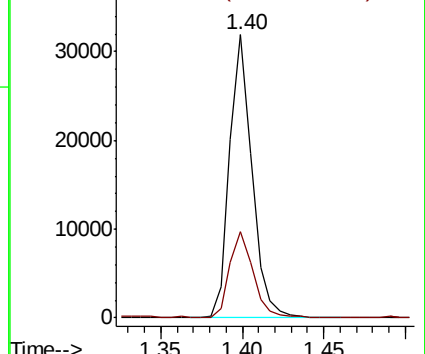
62 100

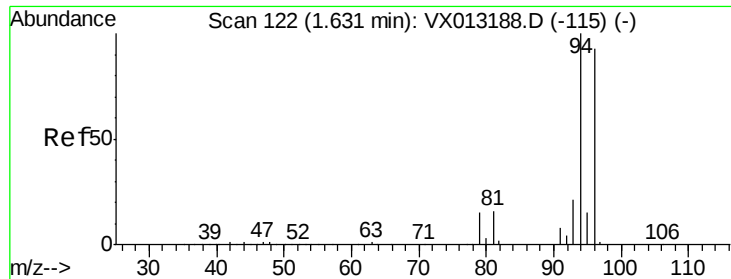
64 30.6 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.173 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

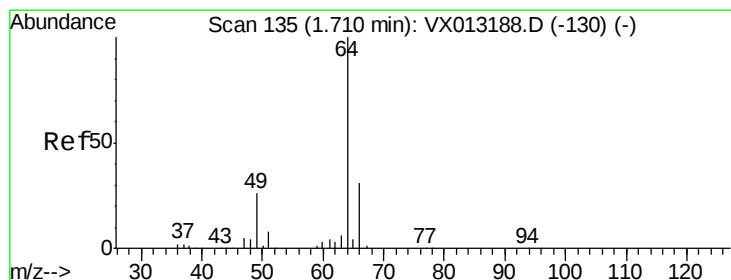
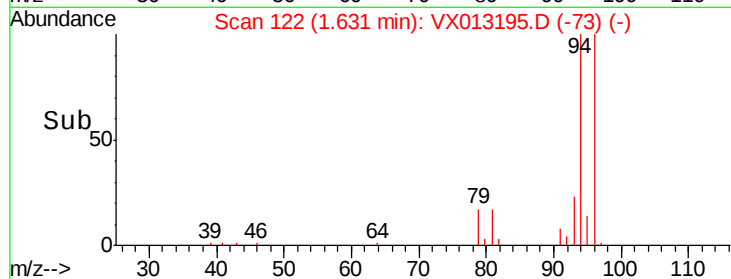
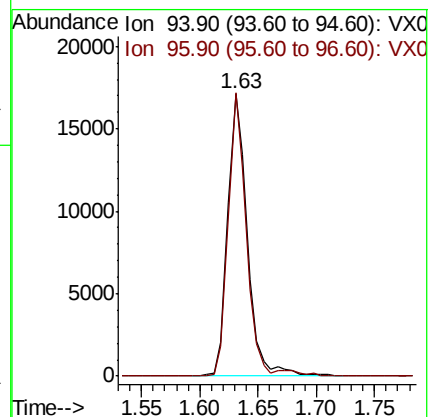
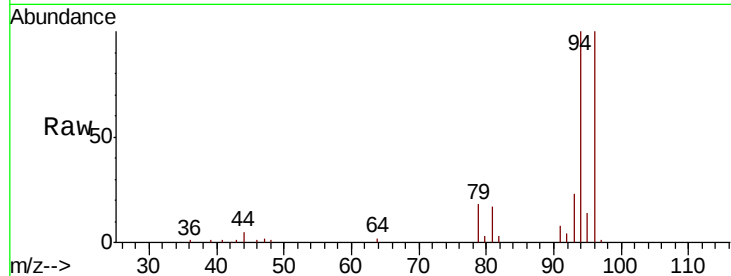
VX1024WBSD02

Tot Ion: 94 Resp: 19942

Ion Ratio Lower Upper

94 100

96 100.3 74.2 111.2



#6

Chloroethane

Concen: 21.244 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013195.D

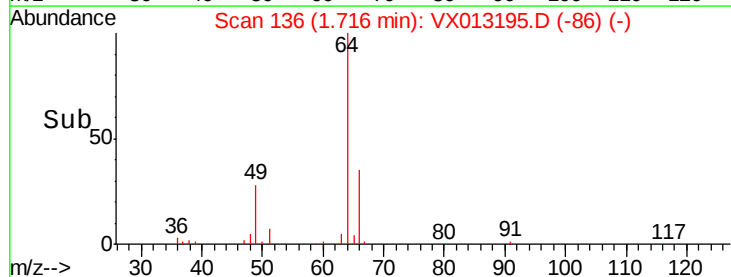
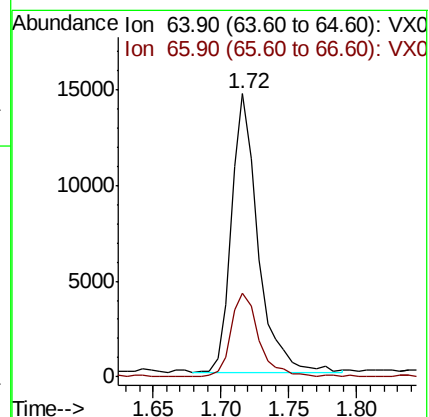
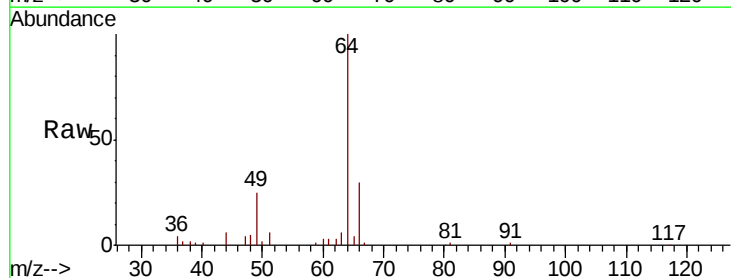
Acq: 23 Oct 2019 18:32

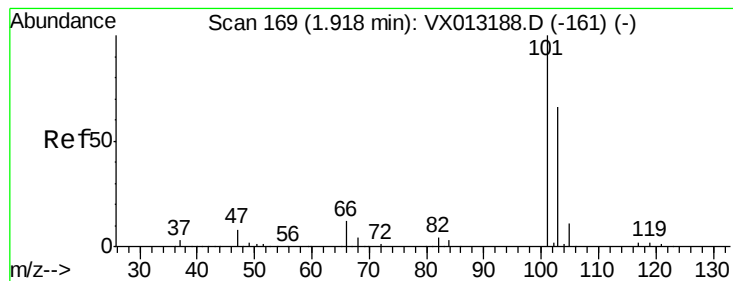
Tgt Ion: 64 Resp: 19785

Ion Ratio Lower Upper

64 100

66 30.2 25.0 37.6





#7

Trichlorofluoromethane

Concen: 20.525 ug/l

RT: 1.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

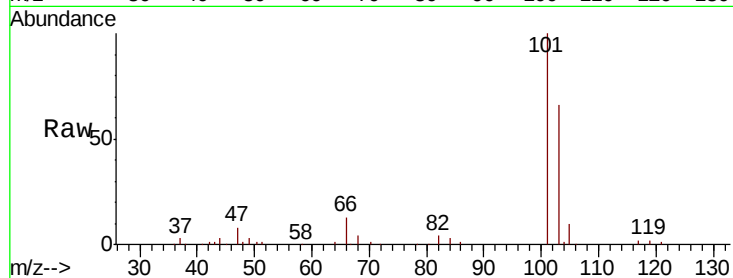
VX1024WBSD02

Tot Ion:101 Resp: 49976

Ion Ratio Lower Upper

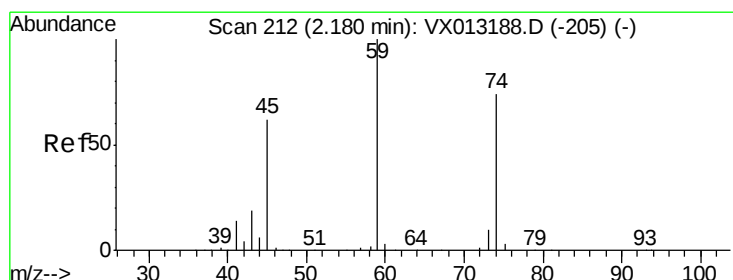
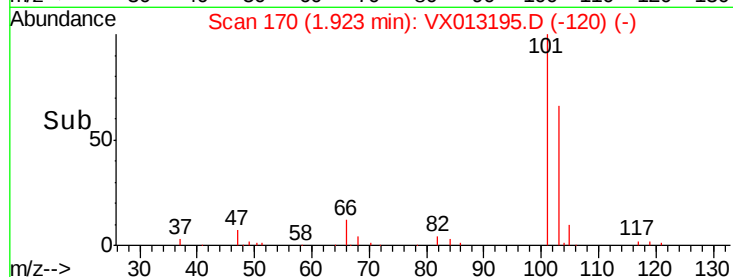
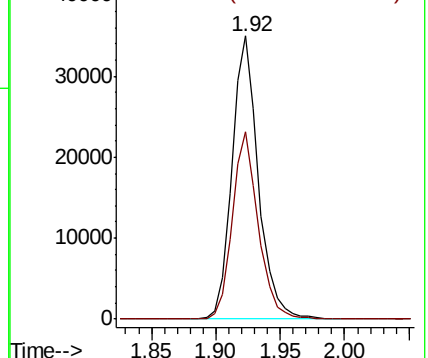
101 100

103 66.1 53.0 79.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.306 ug/l

RT: 2.18 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX013195.D

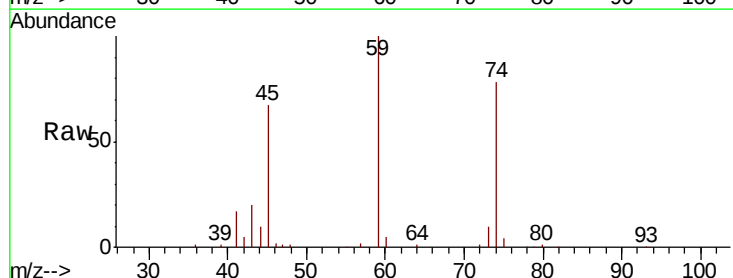
Acq: 23 Oct 2019 18:32

Tgt Ion: 74 Resp: 17105

Ion Ratio Lower Upper

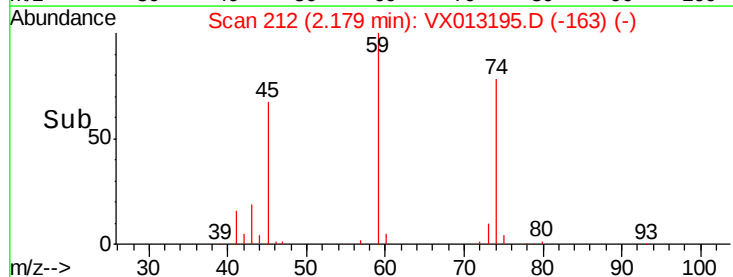
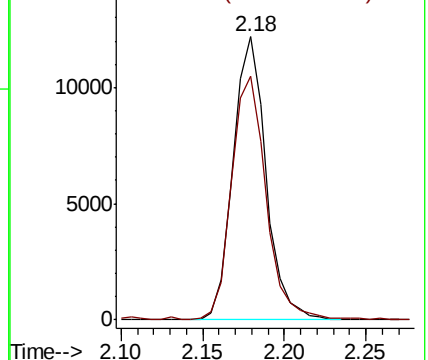
74 100

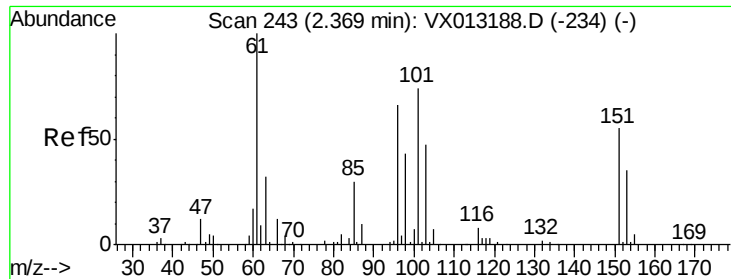
45 90.5 44.8 134.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.780 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

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ClientSampleId :

VX1024WBSD02

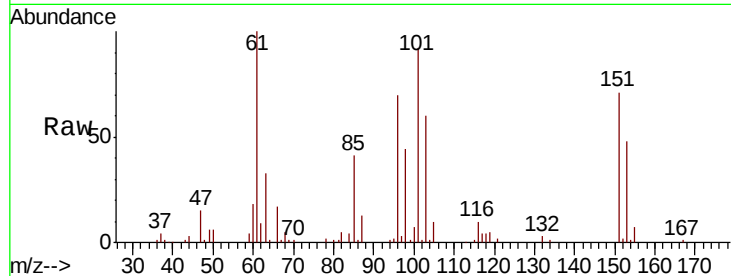
Tot Ion:101 Resp: 30087

Ion Ratio Lower Upper

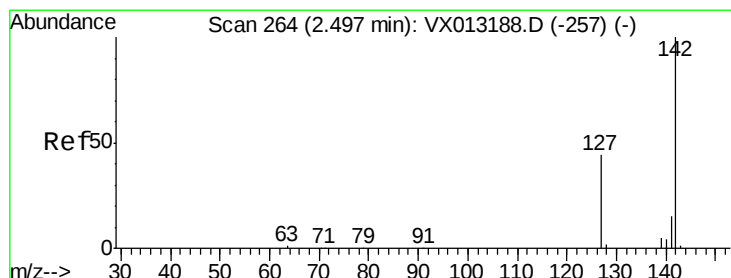
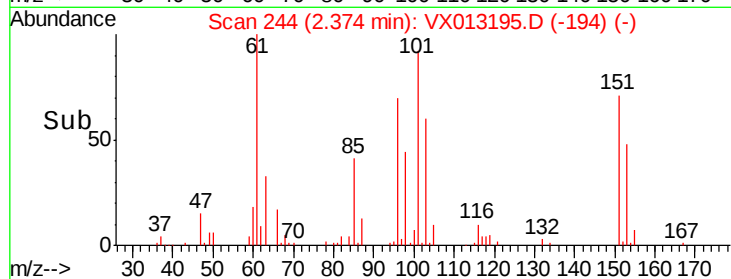
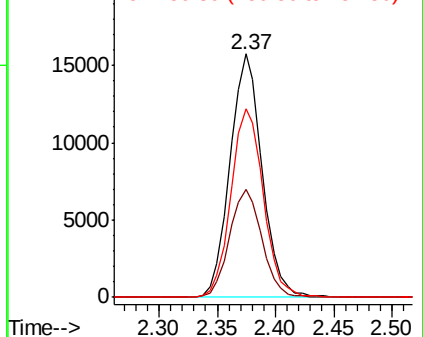
101 100

85 44.7 34.0 51.0

151 78.4 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: 20.120 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

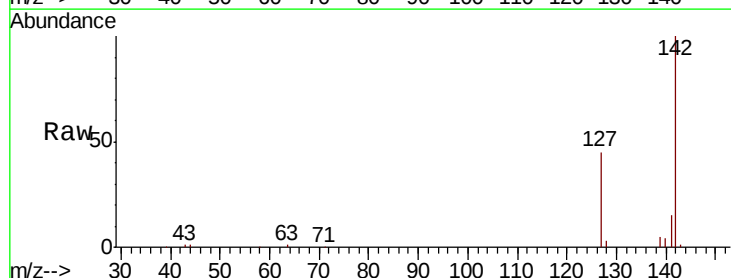
Tgt Ion:142 Resp: 34194

Ion Ratio Lower Upper

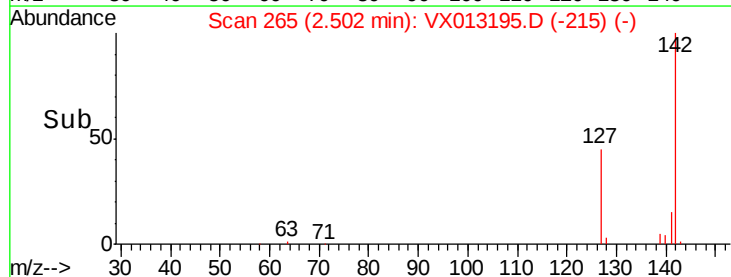
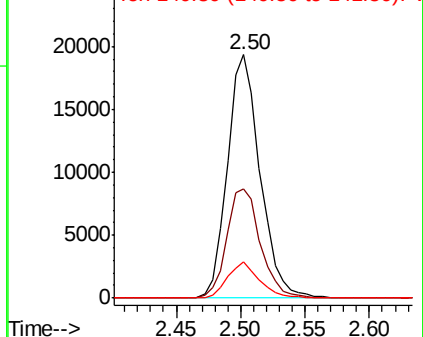
142 100

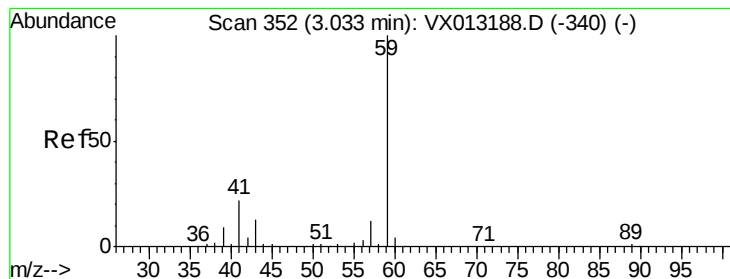
127 46.3 35.6 53.4

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



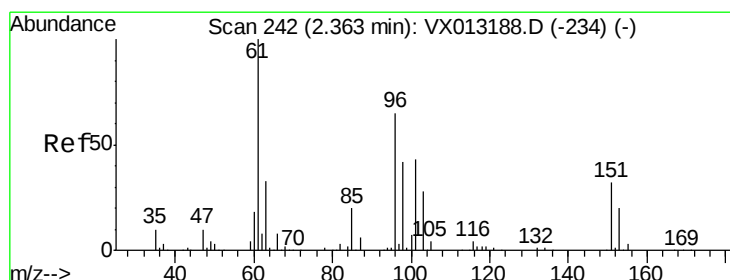
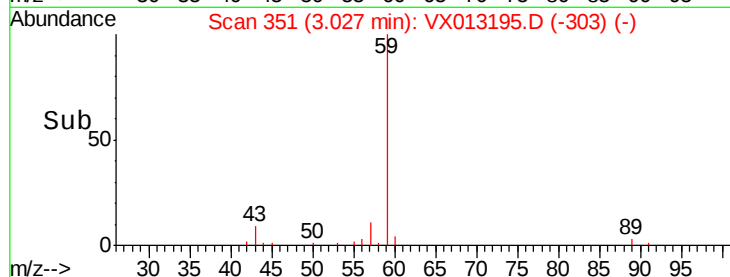
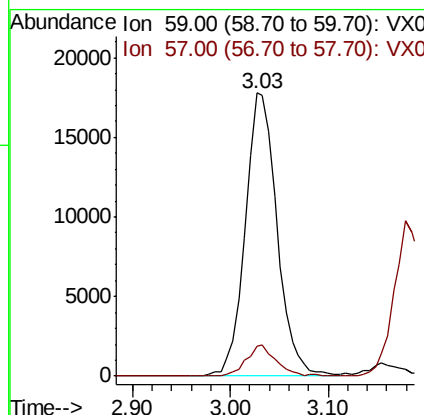
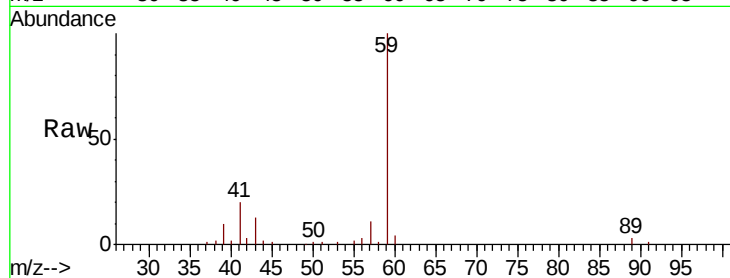


#11

Tert butyl alcohol
 Concen: 102.606 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

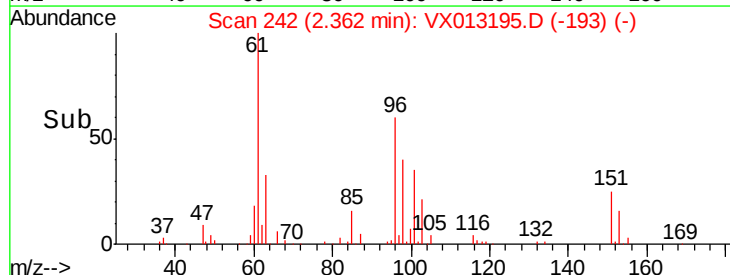
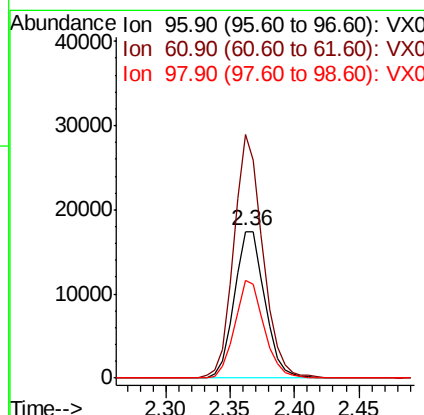
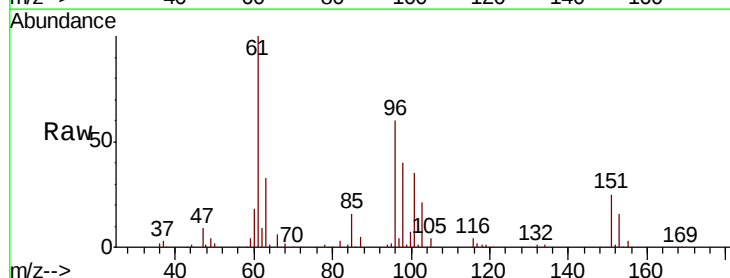
Tot Ion: 59 Resp: 40149
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.4

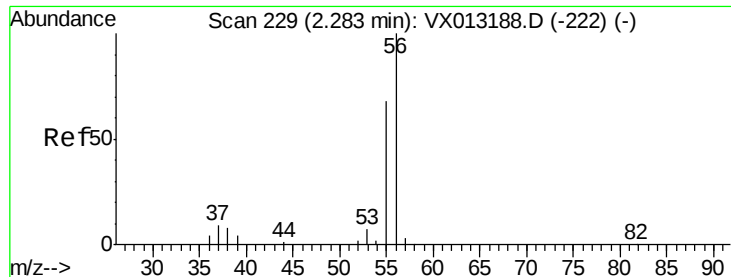


#12

1,1-Dichloroethene
 Concen: 19.778 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Tgt Ion: 96 Resp: 28878
 Ion Ratio Lower Upper
 96 100
 61 165.8 123.8 185.8
 98 66.8 51.6 77.4





#13

Acrolein

Concen: 89.068 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

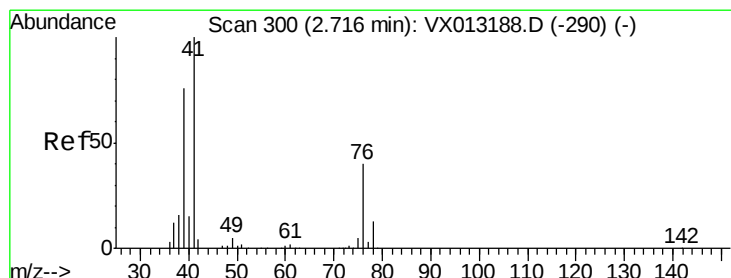
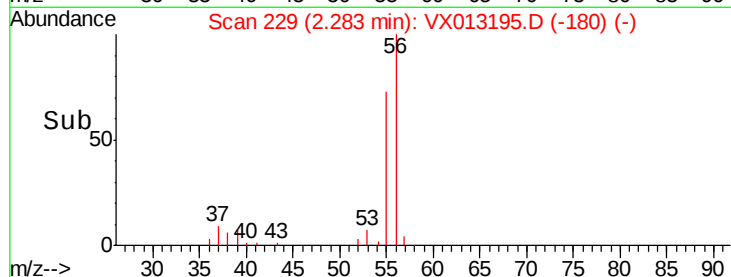
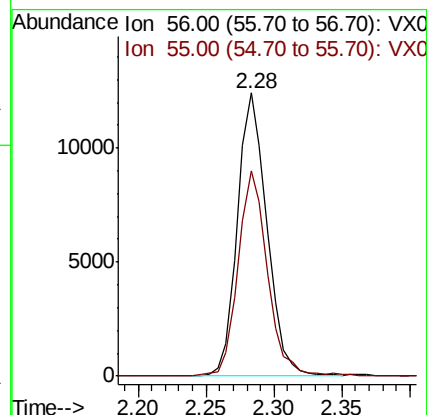
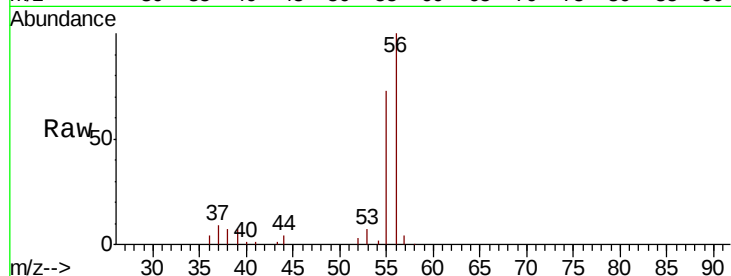
VX1024WBSD02

Tot Ion: 56 Resp: 18734

Ion Ratio Lower Upper

56 100

55 72.7 58.9 88.3



#14

Allyl chloride

Concen: 20.055 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

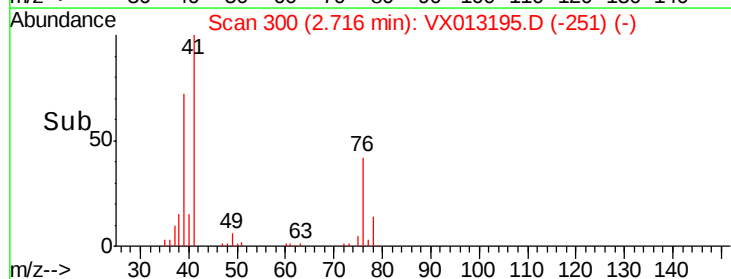
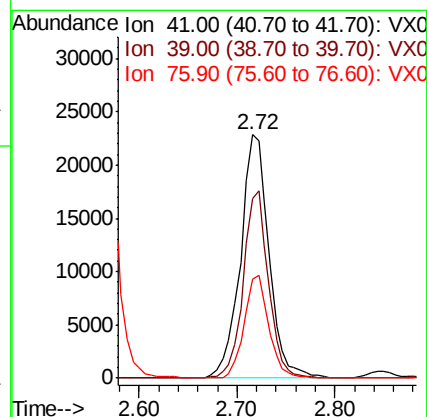
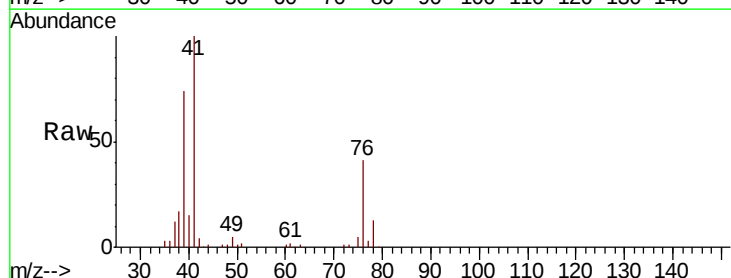
Tgt Ion: 41 Resp: 46100

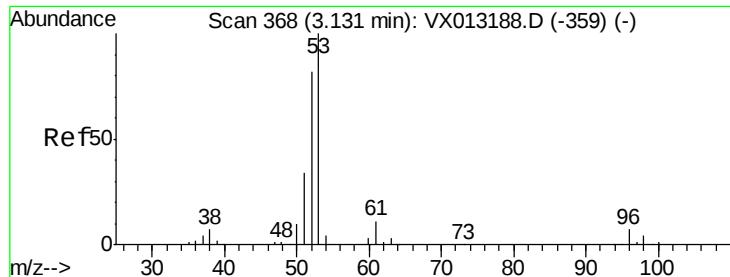
Ion Ratio Lower Upper

41 100

39 68.2 54.6 81.8

76 36.4 29.8 44.6





#15

Acrylonitrile

Concen: 102.208 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

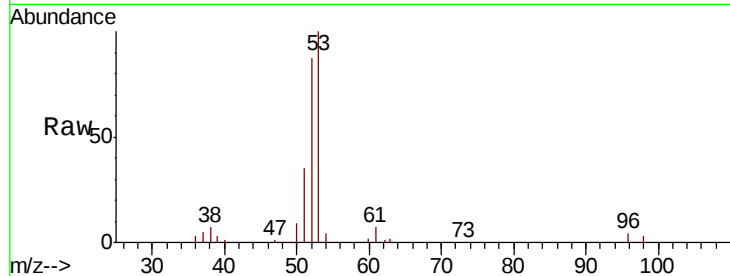
Tot Ion: 53 Resp: 80764

Ion Ratio Lower Upper

53 100

52 85.6 66.4 99.6

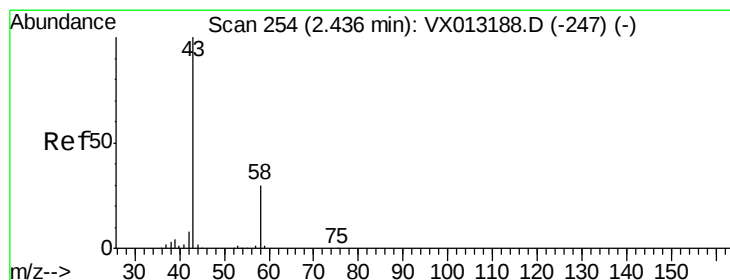
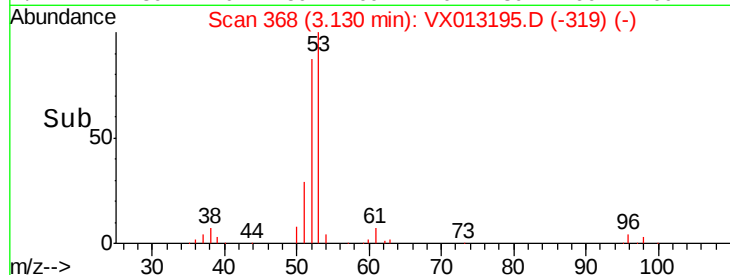
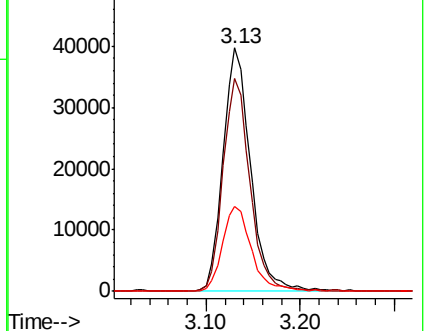
51 36.8 29.4 44.2



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: 108.225 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013195.D

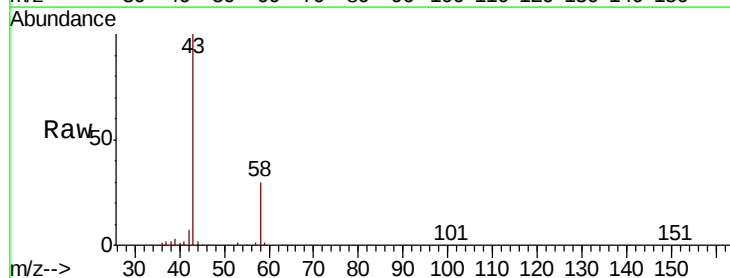
Acq: 23 Oct 2019 18:32

Tgt Ion: 43 Resp: 91406

Ion Ratio Lower Upper

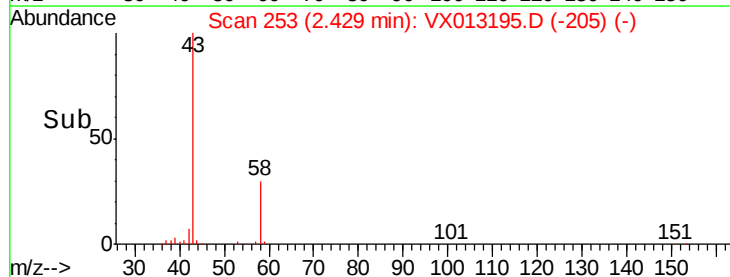
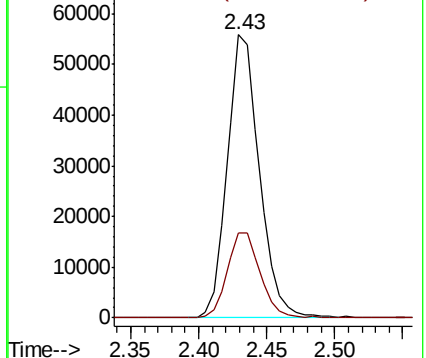
43 100

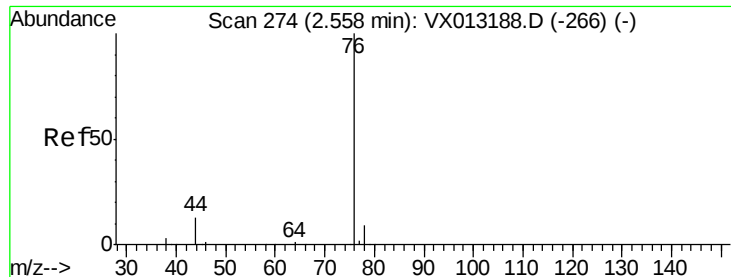
58 30.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

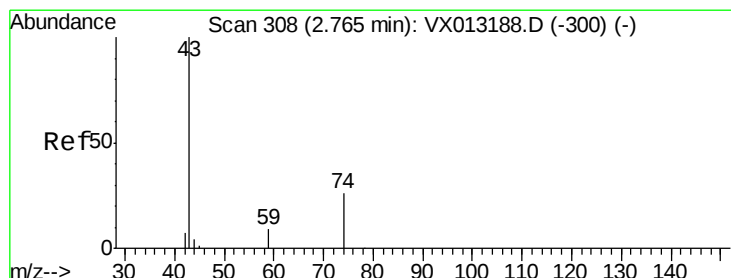
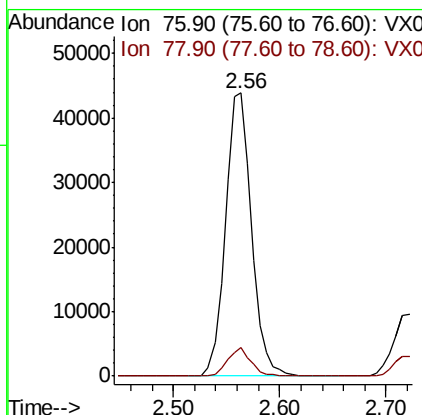
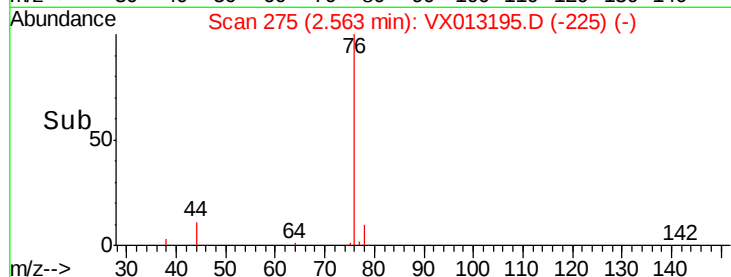
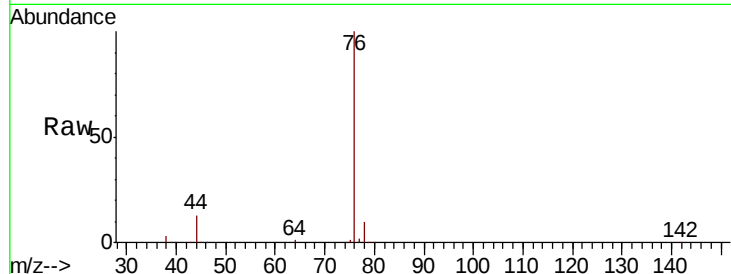




#17
Carbon Disulfide
Concen: 19.068 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

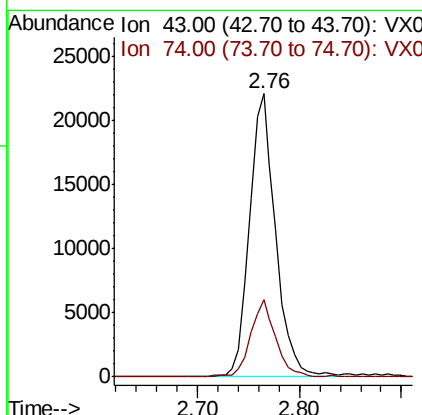
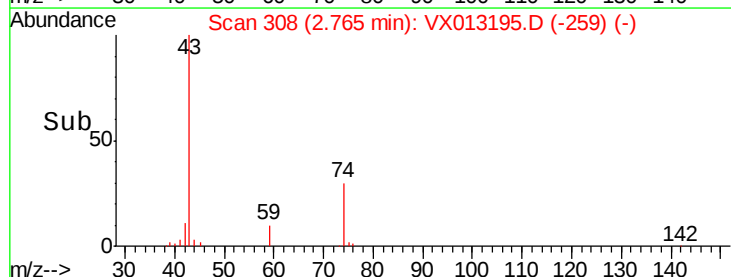
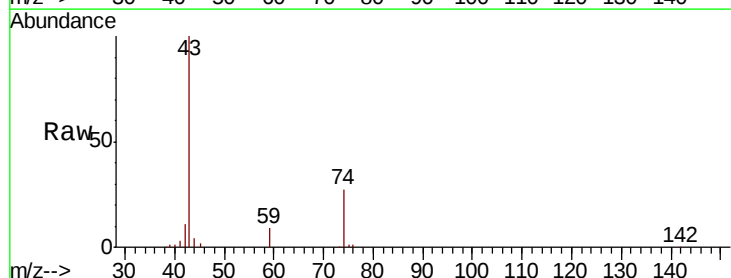
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

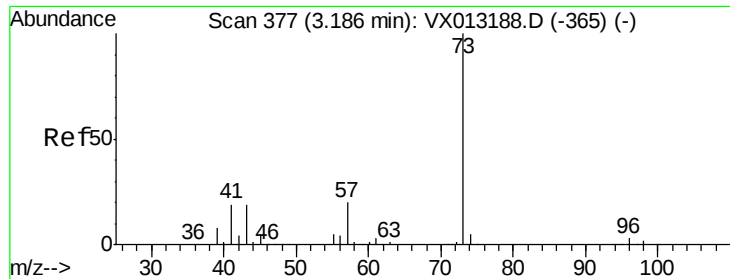
Tot Ion: 76 Resp: 74850
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.2



#18
Methyl Acetate
Concen: 21.986 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion: 43 Resp: 39526
Ion Ratio Lower Upper
43 100
74 26.0 20.9 31.3

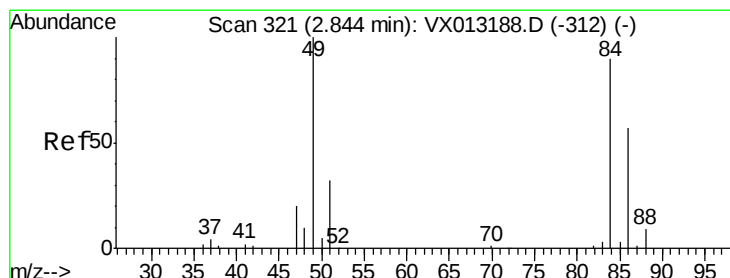
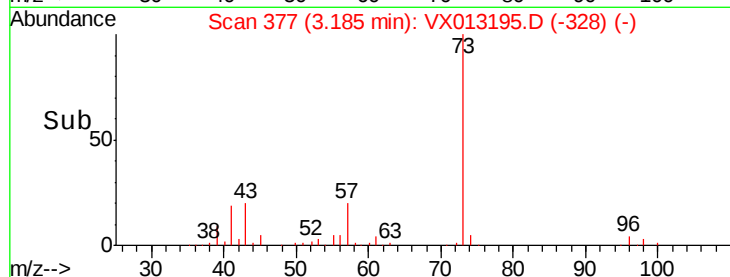
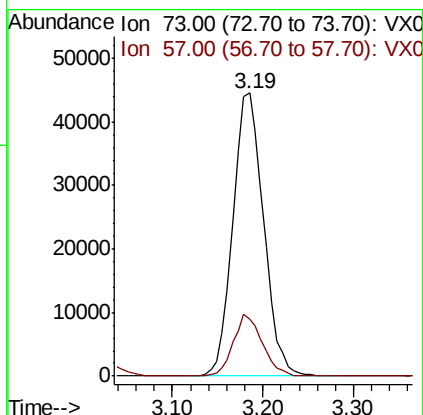
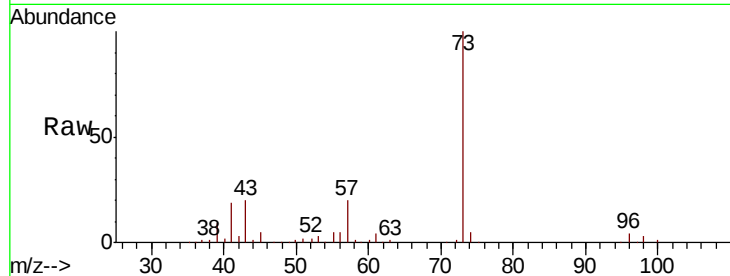




#19
Methvl tert-butvl Ether
Concen: 20.342 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

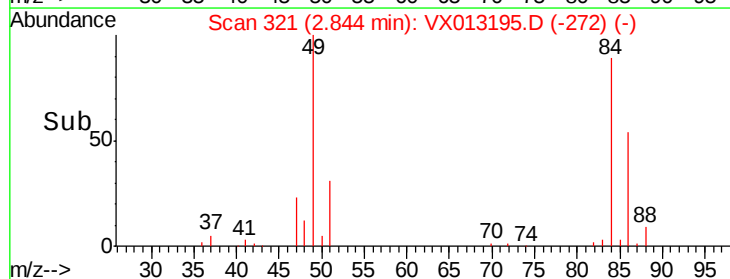
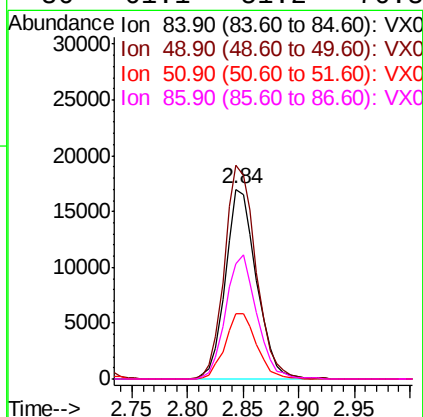
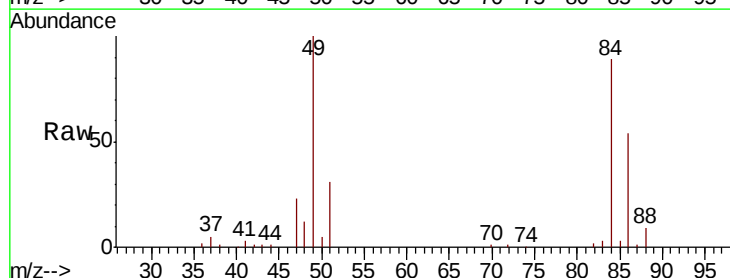
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

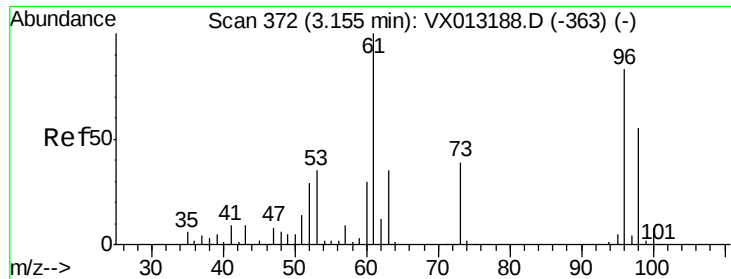
Tot Ion: 73 Resp: 104593
Ion Ratio Lower Upper
73 100
57 20.2 15.8 23.8



#20
Methylene Chloride
Concen: 20.957 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion: 84 Resp: 32834
Ion Ratio Lower Upper
84 100
49 112.7 89.2 133.8
51 34.5 28.8 43.2
86 61.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.401 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

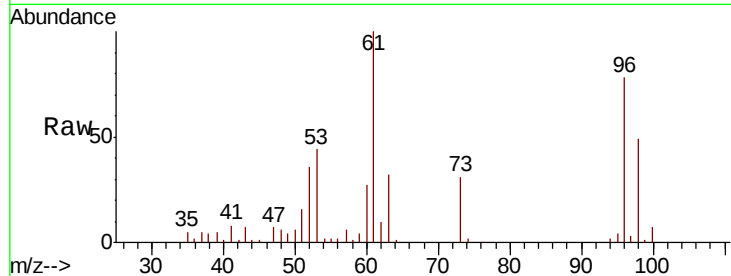
Tot Ion: 96 Resp: 32095

Ion Ratio Lower Upper

96 100

61 128.8 96.9 145.3

98 63.1 53.0 79.4

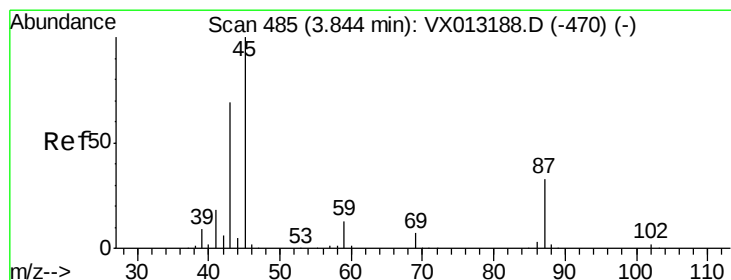
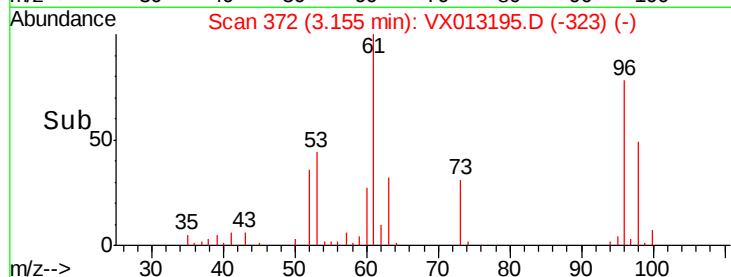
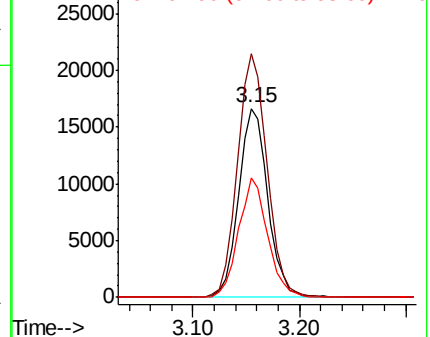


Abundance

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: 20.560 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Tgt Ion: 45 Resp: 92410

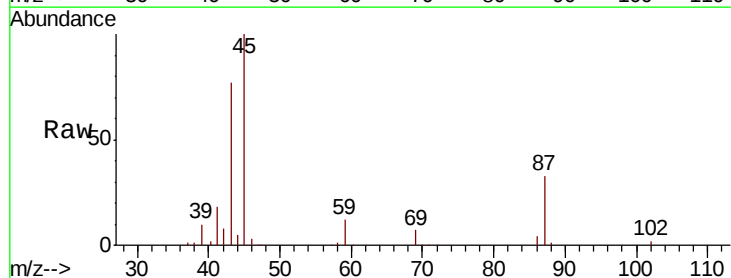
Ion Ratio Lower Upper

45 100

43 76.2 55.5 83.3

87 33.3 26.7 40.1

59 12.2 10.2 15.2



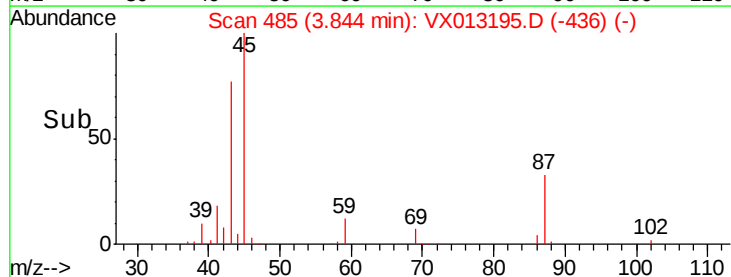
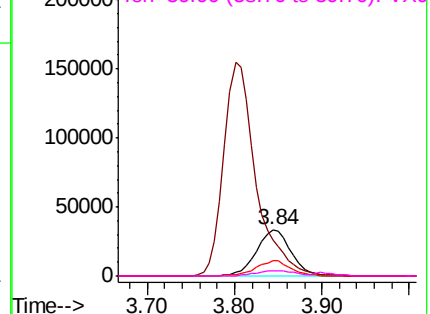
Abundance

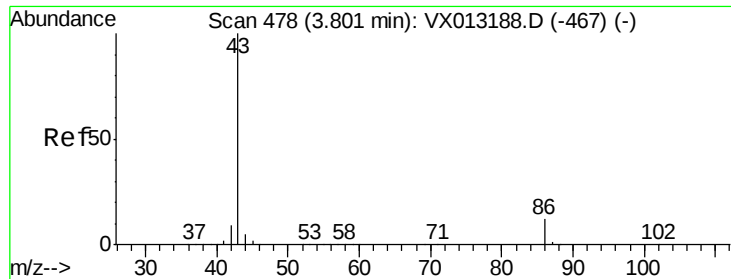
Ion 45.00 (44.70 to 45.70): VX0

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: 104.820 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

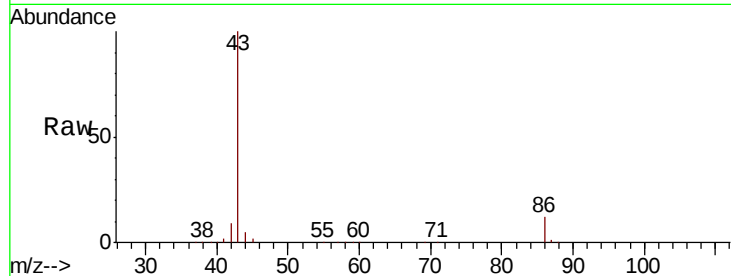
VX1024WBSD02

Tot Ion: 43 Resp: 400437

Ion Ratio Lower Upper

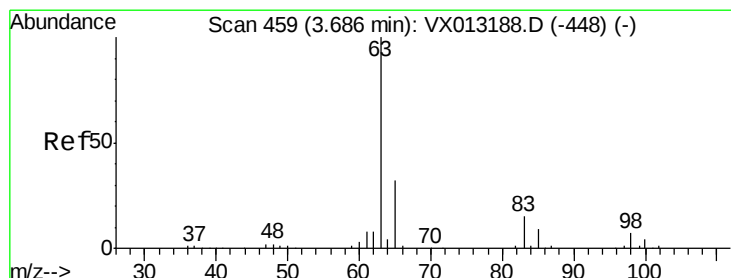
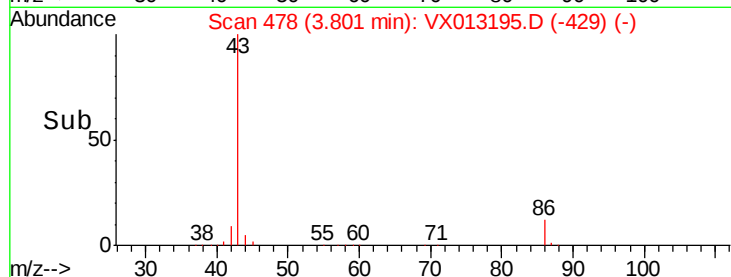
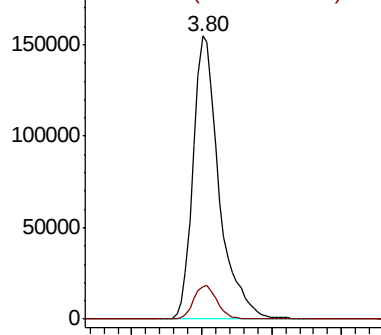
43 100

86 11.6 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: 20.166 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

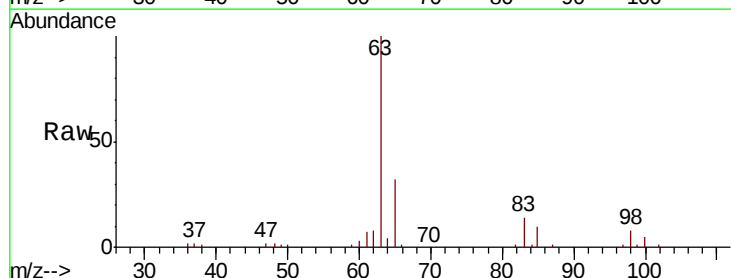
Tgt Ion: 63 Resp: 55751

Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.2

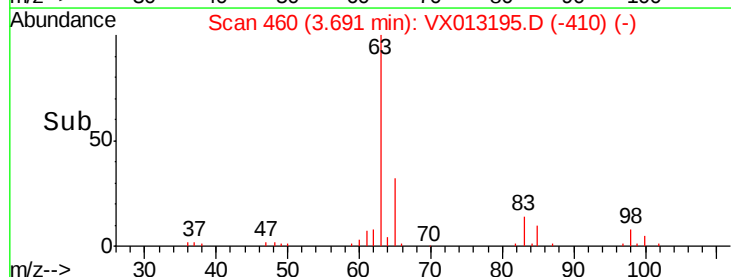
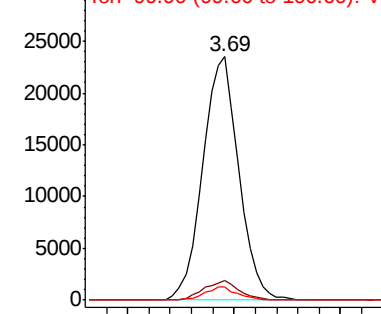
100 5.4 2.2 6.6

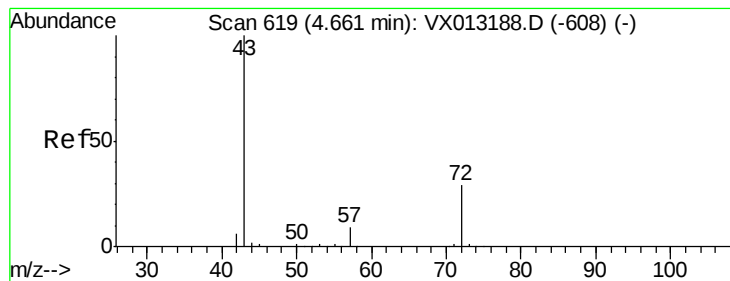


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 105.317 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

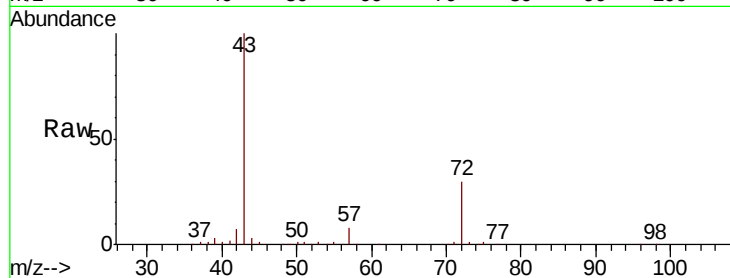
VX1024WBSD02

Tot Ion: 43 Resp: 119291

Ion Ratio Lower Upper

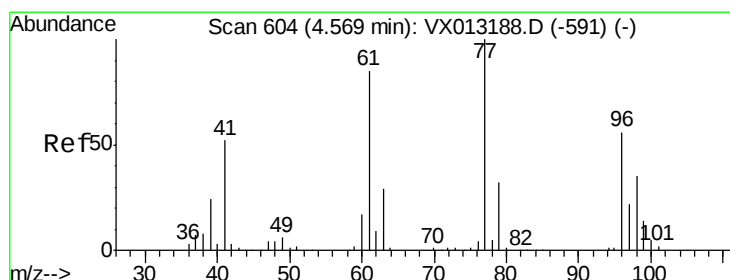
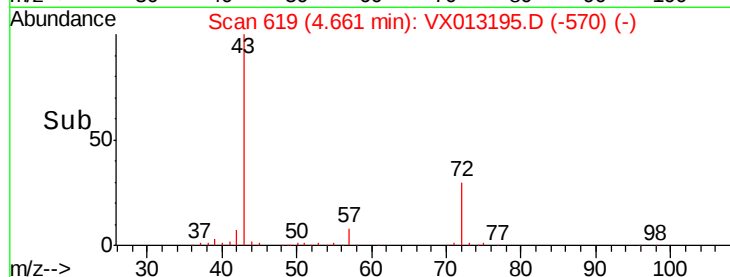
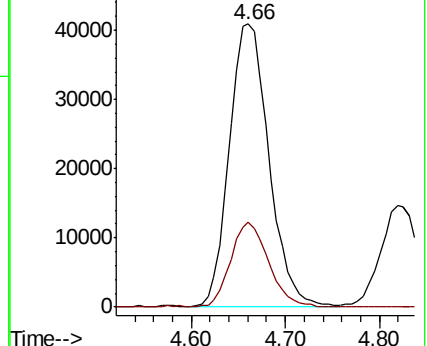
43 100

72 29.9 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: 19.858 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013195.D

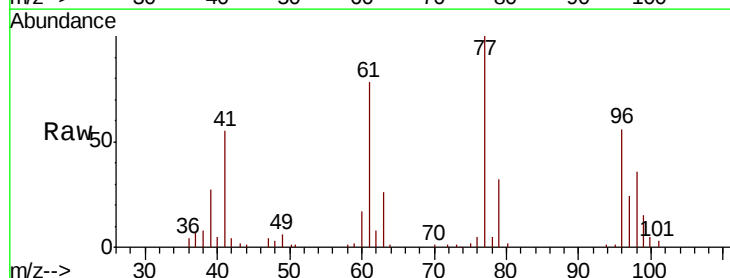
Acq: 23 Oct 2019 18:32

Tgt Ion: 77 Resp: 50738

Ion Ratio Lower Upper

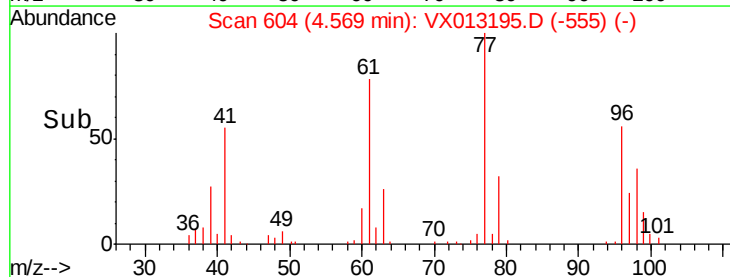
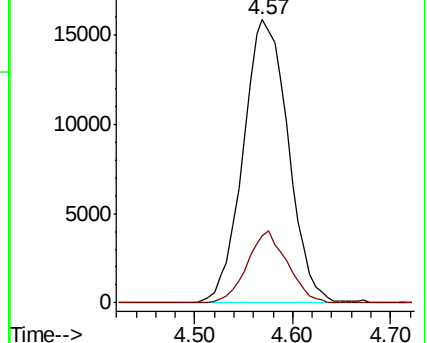
77 100

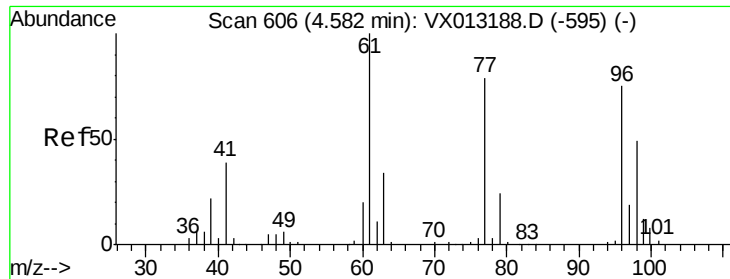
97 22.5 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



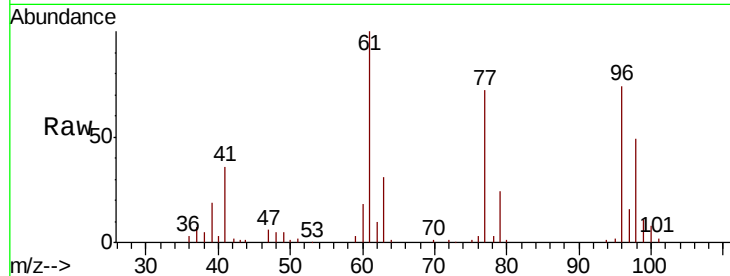


#27

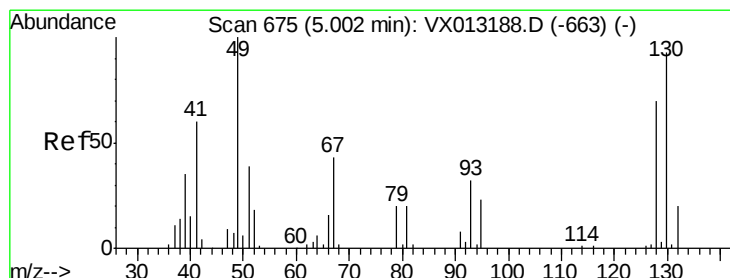
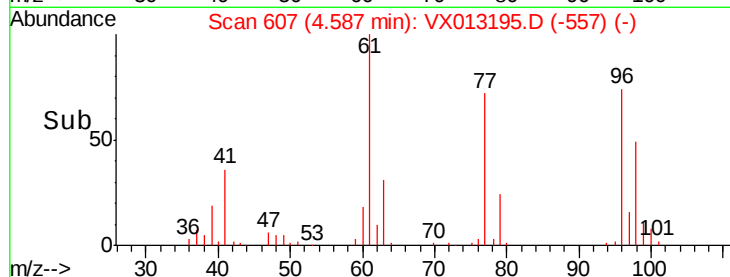
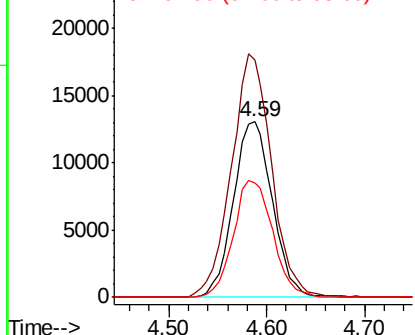
cis-1,2-Dichloroethene
Concen: 20.246 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

Tot Ion: 96 Resp: 36203
Ion Ratio Lower Upper
96 100
61 143.1 0.0 290.4
98 67.1 0.0 130.4



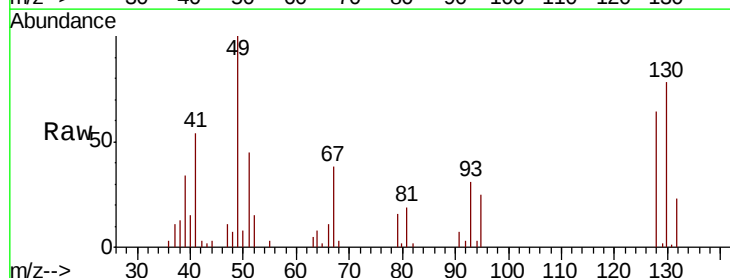
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



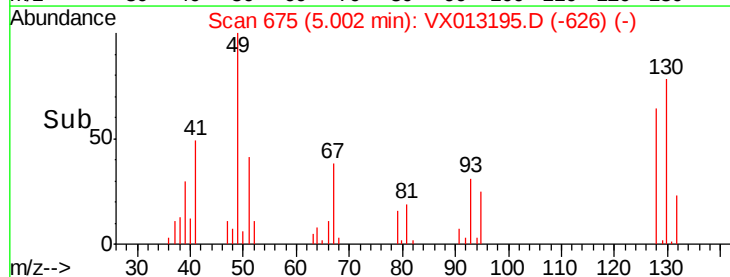
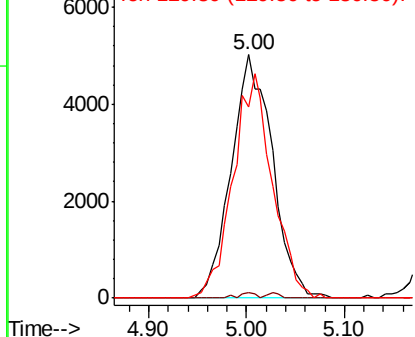
#28

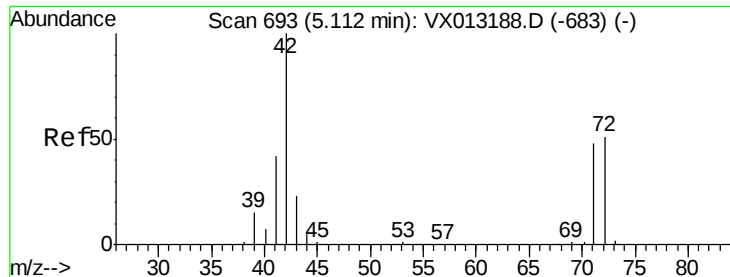
Bromochloromethane
Concen: 20.530 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion: 49 Resp: 14635
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.8
130 88.3 71.8 107.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 104.088 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

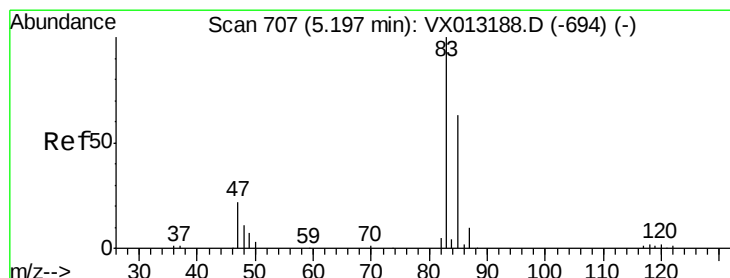
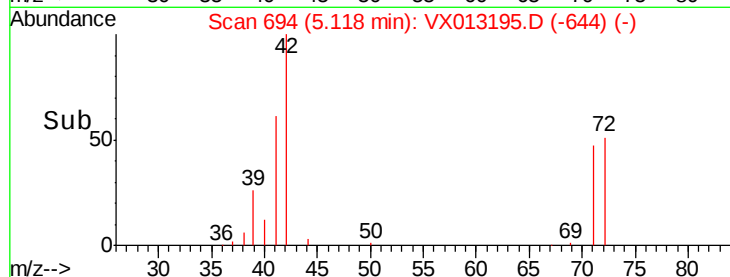
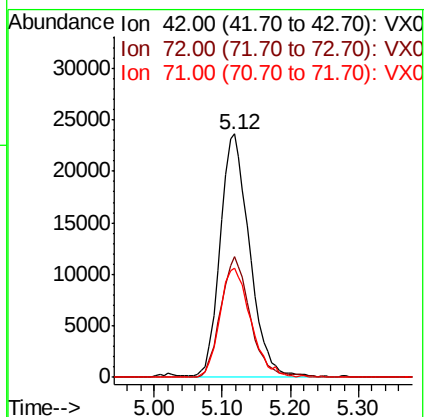
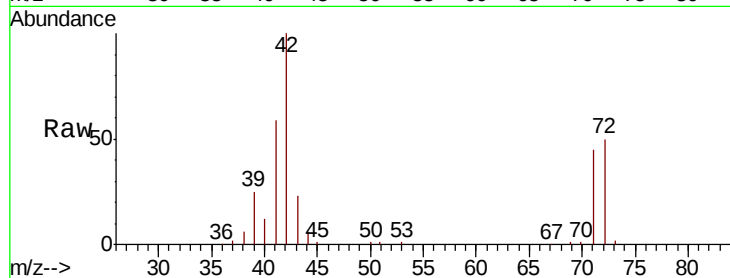
Tot Ion: 42 Resp: 71065

Ion Ratio Lower Upper

42 100

72 49.0 40.9 61.3

71 46.9 38.6 57.8



#30

Chloroform

Concen: 20.358 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013195.D

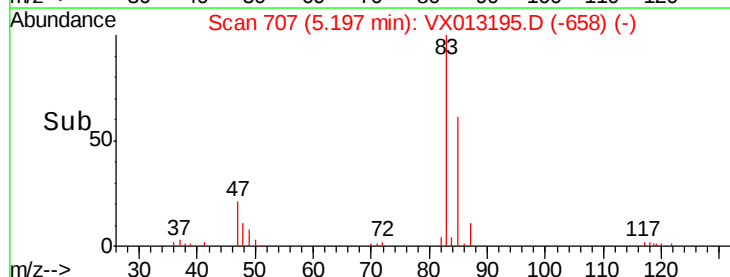
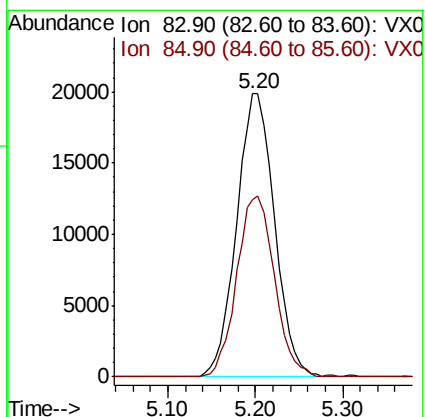
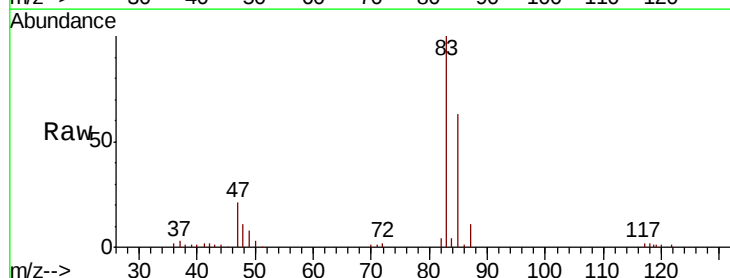
Acq: 23 Oct 2019 18:32

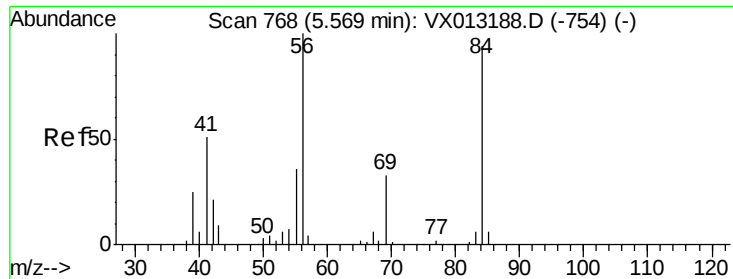
Tgt Ion: 83 Resp: 59924

Ion Ratio Lower Upper

83 100

85 62.8 50.1 75.1

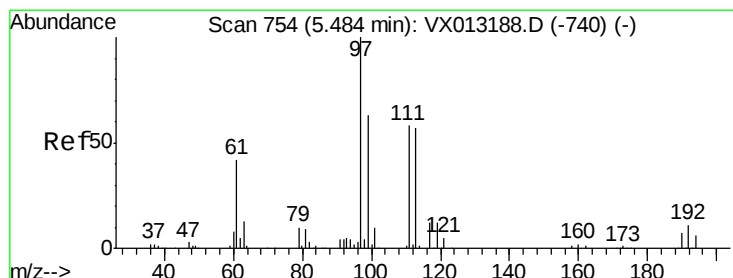
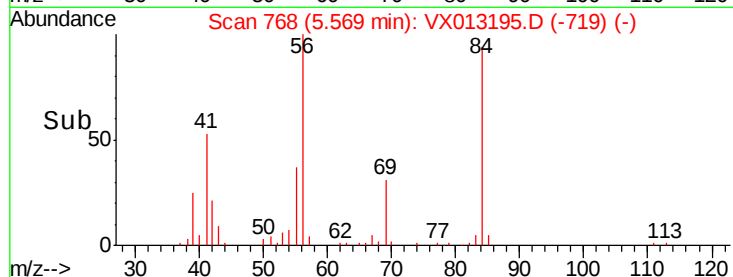
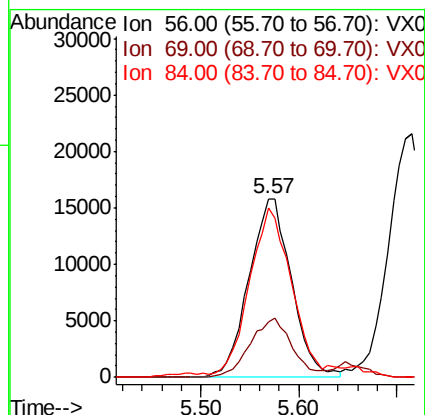
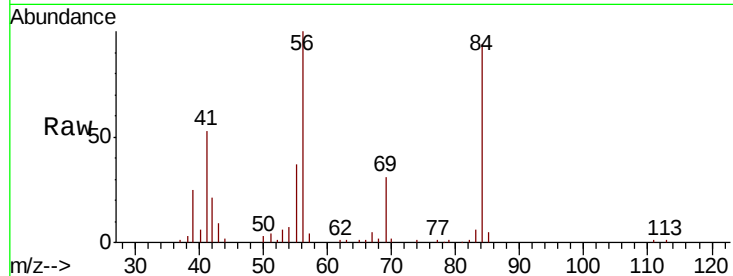




#31
Cyclohexane
Concen: 20.600 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

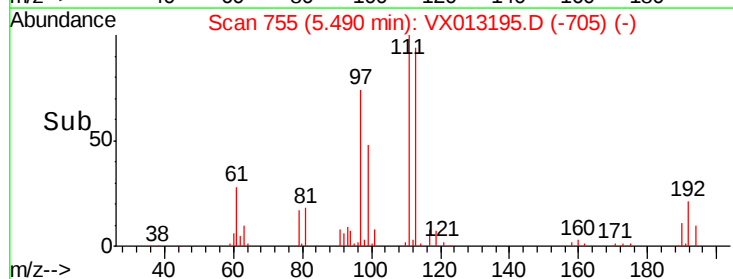
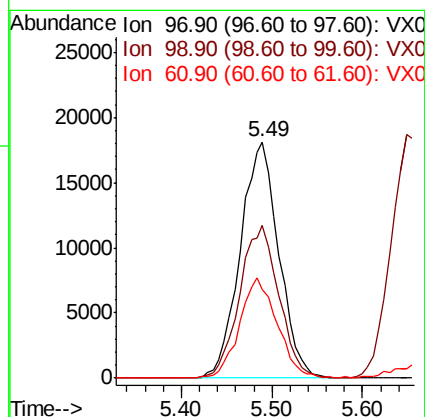
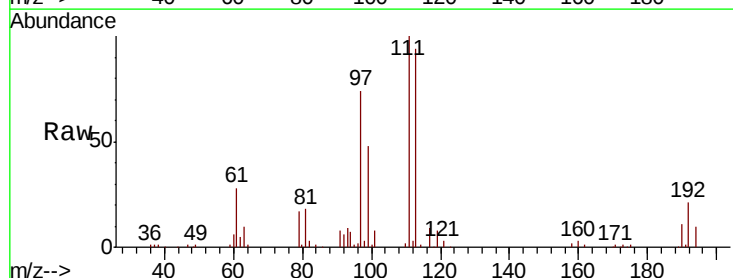
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

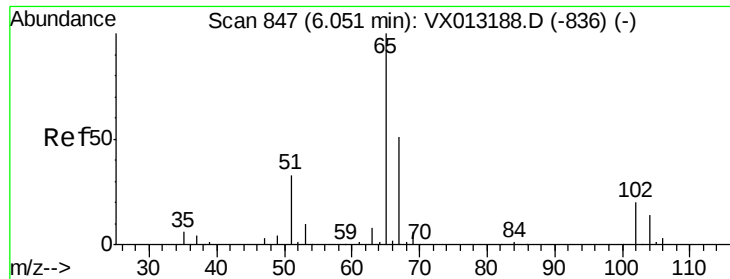
Tot Ion: 56 Resp: 47761
Ion Ratio Lower Upper
56 100
69 30.9 26.3 39.5
84 92.2 73.8 110.6



#32
1,1,1-Trichloroethane
Concen: 20.297 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion: 97 Resp: 53120
Ion Ratio Lower Upper
97 100
99 66.0 50.8 76.2
61 41.6 32.8 49.2

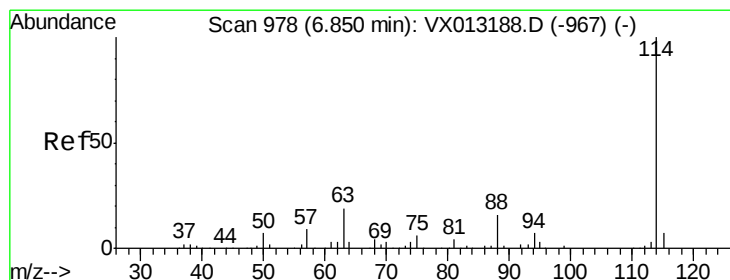
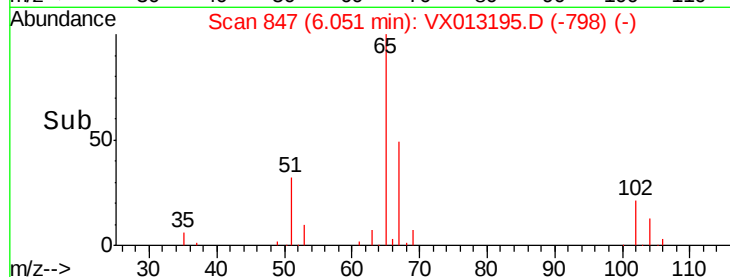
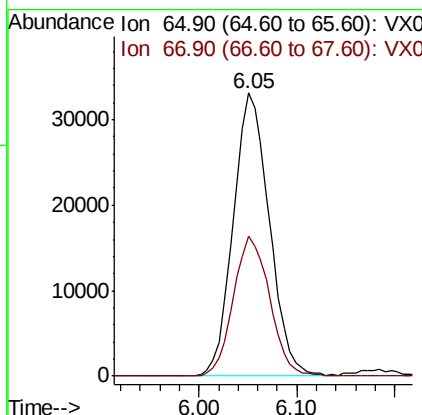
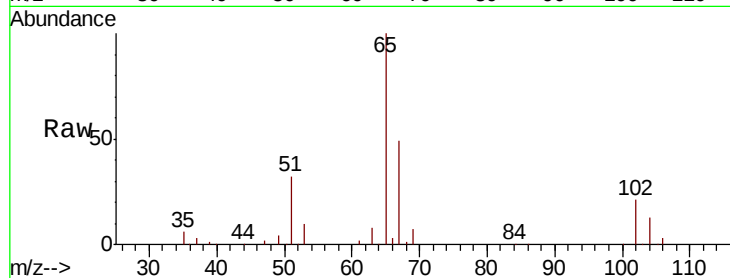




#33
 1,2-Dichloroethane-d4
 Concen: 47.353 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

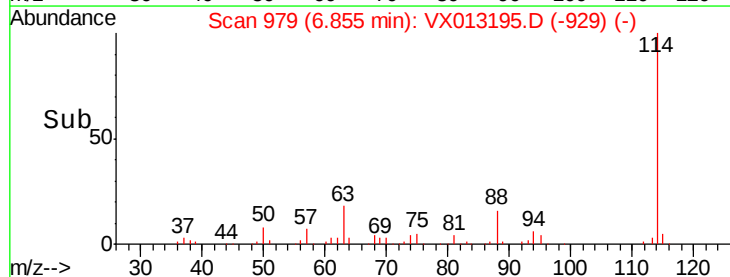
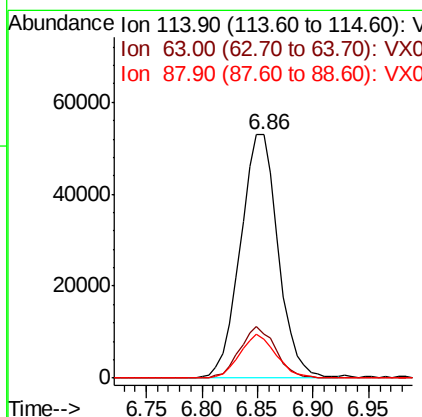
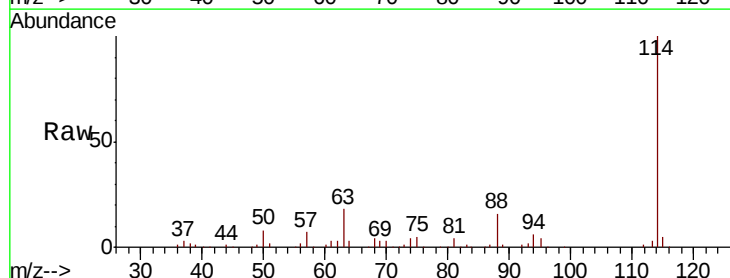
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

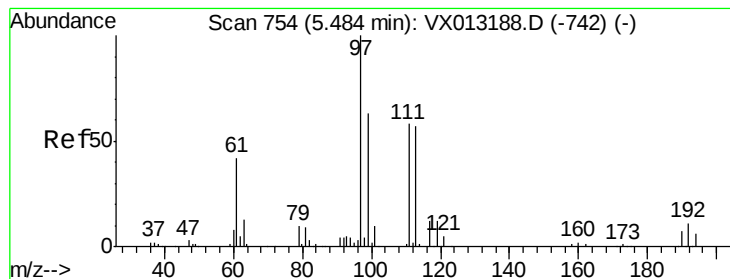
Tot Ion: 65 Resp: 84892
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Tgt Ion: 114 Resp: 125190
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 39.0
 88 15.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 47.986 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

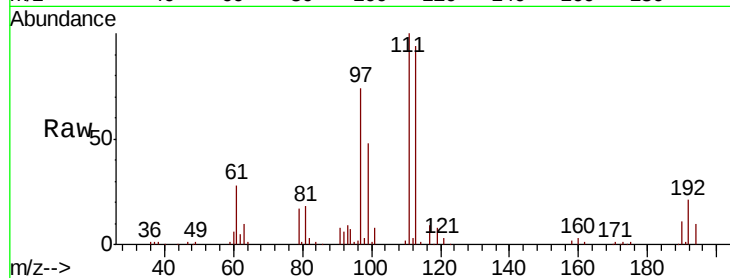
Tot Ion:113 Resp: 66991

Ion Ratio Lower Upper

113 100

111 102.3 80.3 120.5

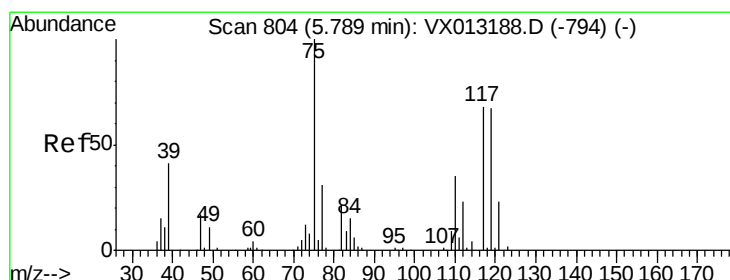
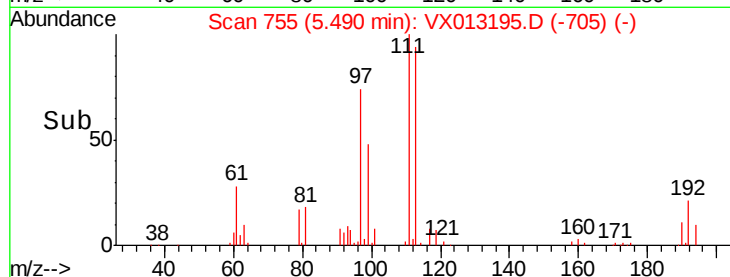
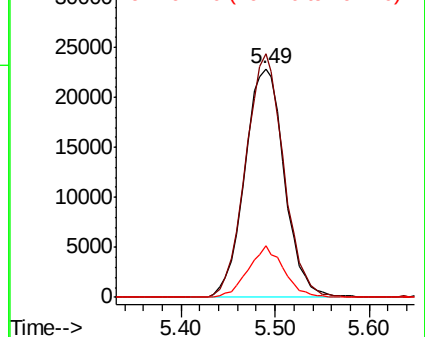
192 20.2 15.9 23.9



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: 20.656 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

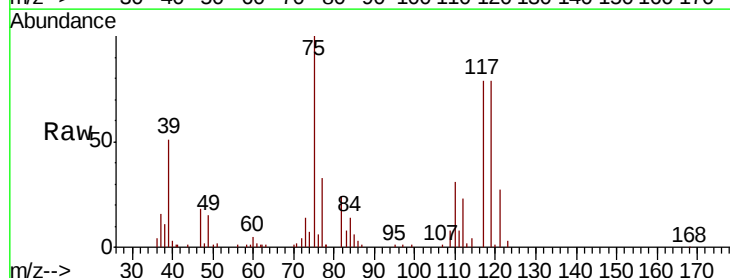
Tgt Ion: 75 Resp: 43381

Ion Ratio Lower Upper

75 100

110 35.5 17.6 52.9

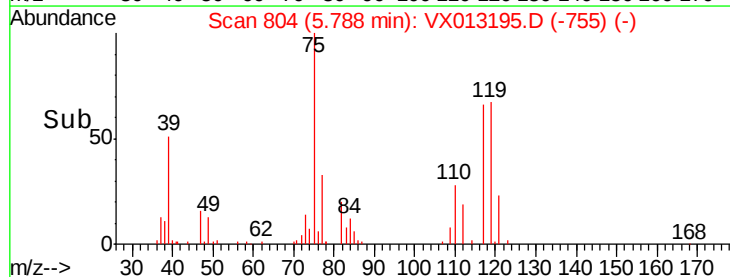
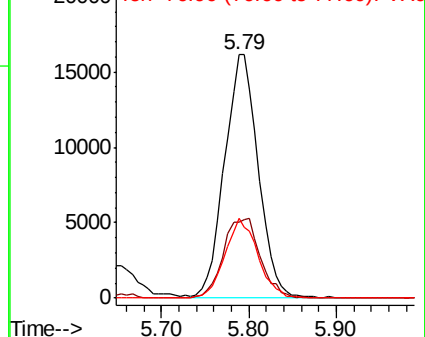
77 31.9 24.7 37.1

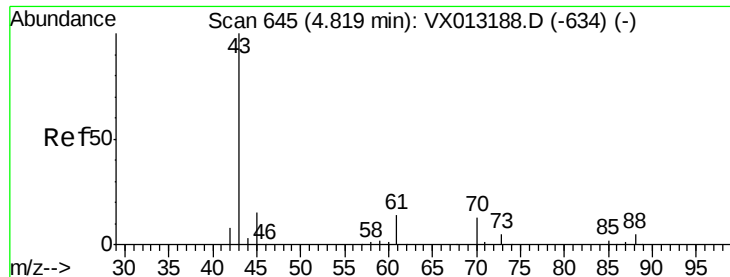


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 20.852 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

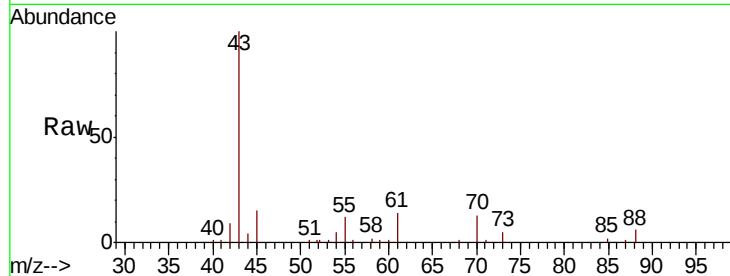
Tot Ion: 43 Resp: 43502

Ion Ratio Lower Upper

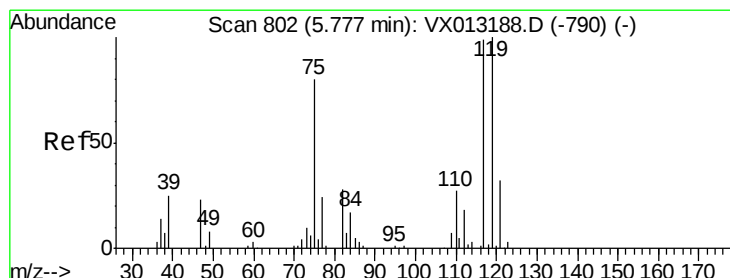
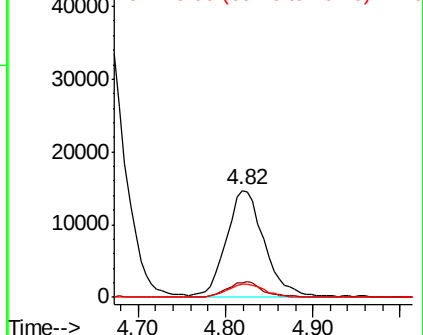
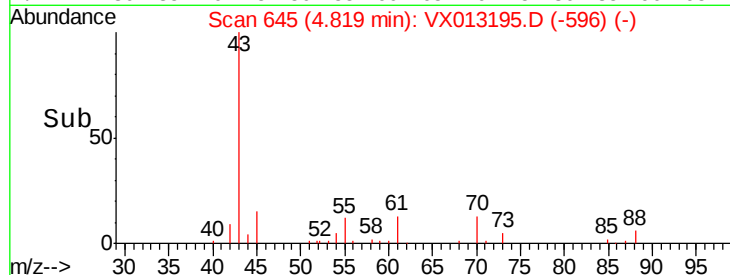
43 100

61 14.1 12.1 18.1

70 12.5 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX013188.D (-634) (-)



#38

Carbon Tetrachloride

Concen: 19.650 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

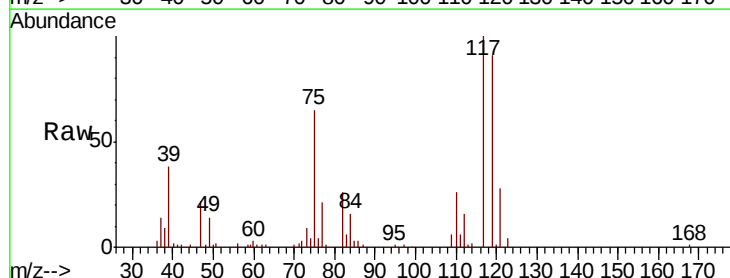
Tgt Ion: 117 Resp: 45469

Ion Ratio Lower Upper

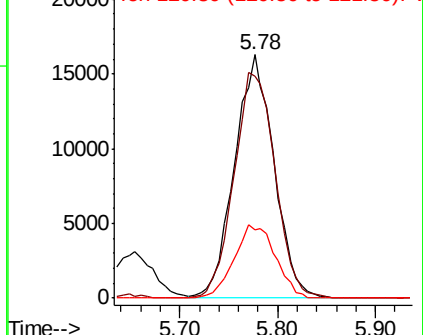
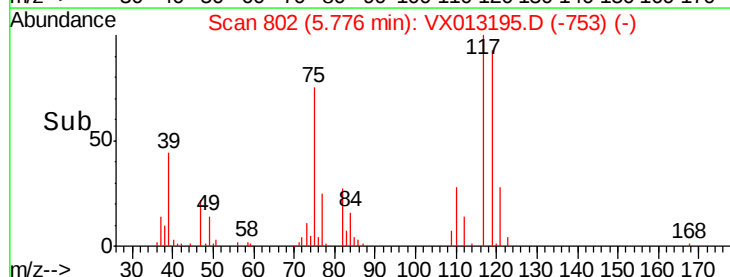
117 100

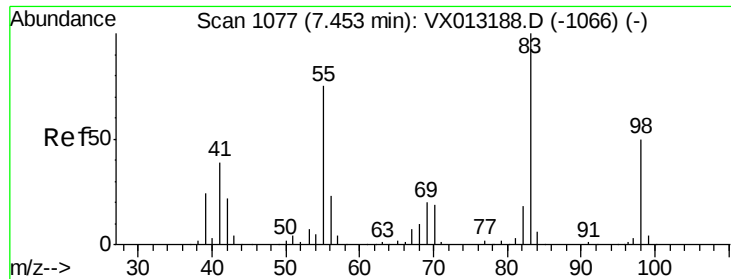
119 91.3 80.1 120.1

121 28.0 25.5 38.3



Abundance Ion 116.80 (116.50 to 117.50): VX013188.D (-790) (-)

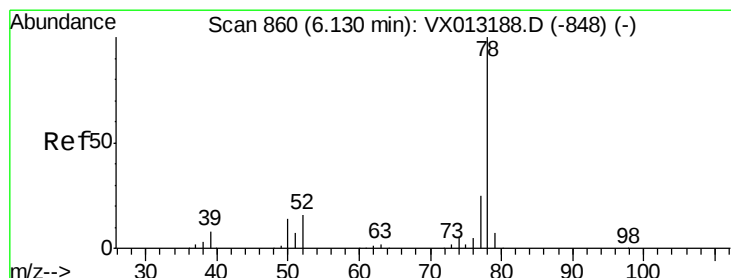
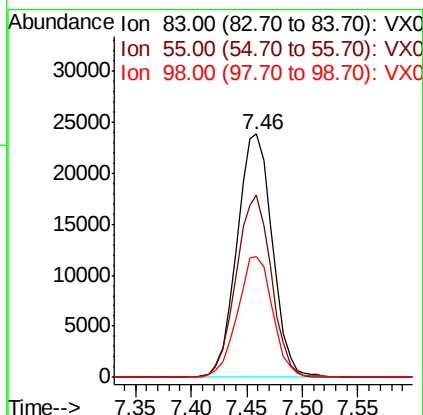
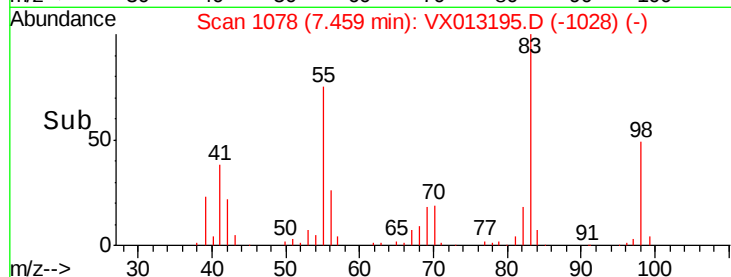
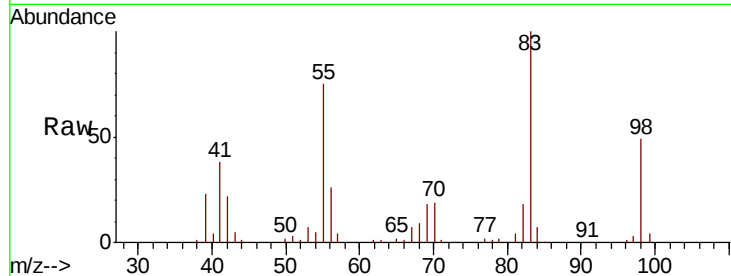




#39
Methvlcvclohexane
Concen: 19.595 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

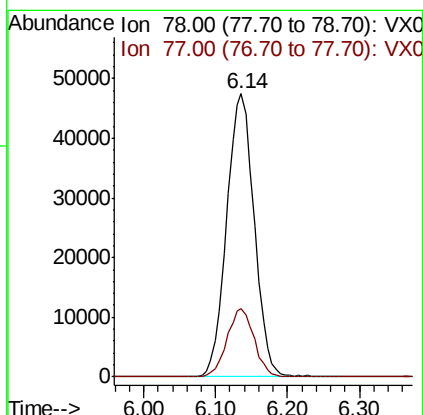
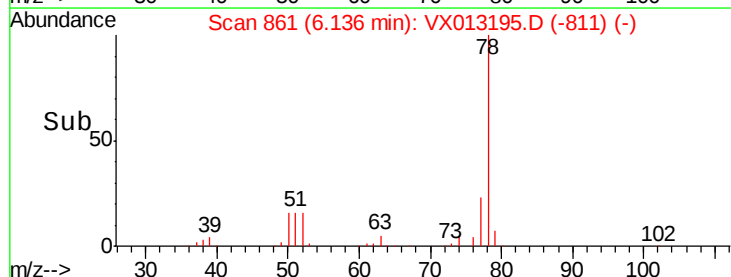
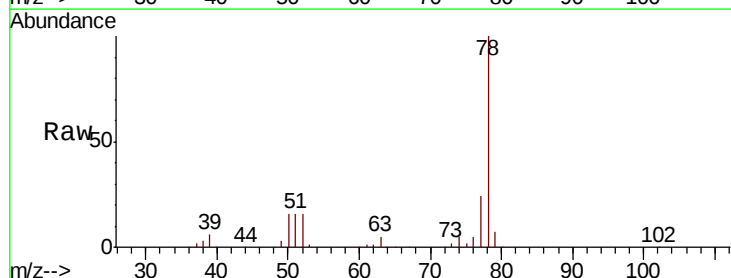
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

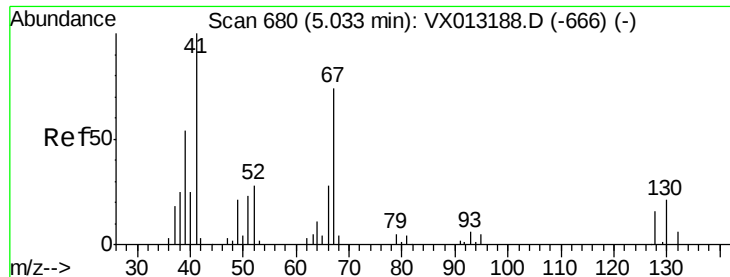
Tot Ion: 83 Resp: 52517
Ion Ratio Lower Upper
83 100
55 74.8 60.1 90.1
98 49.4 39.8 59.8



#40
Benzene
Concen: 20.089 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion: 78 Resp: 126325
Ion Ratio Lower Upper
78 100
77 24.3 19.6 29.4





#41

Methacrylonitrile

Concen: 20.970 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

Tot Ion: 41 Resp: 23455

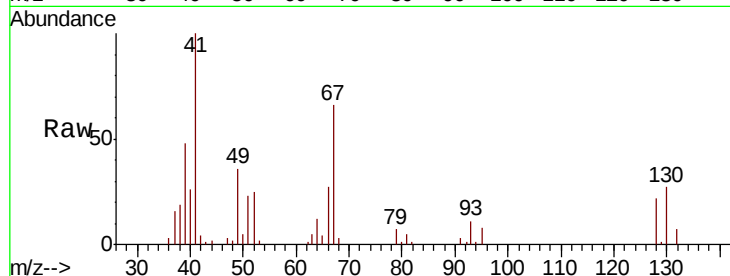
Ion Ratio Lower Upper

41 100

39 57.9 45.2 67.8

67 78.1 61.3 91.9

52 29.9 25.1 37.7

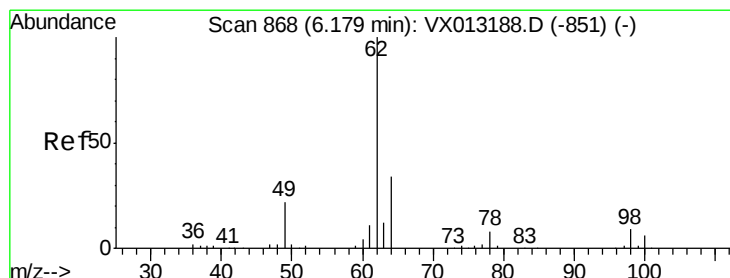
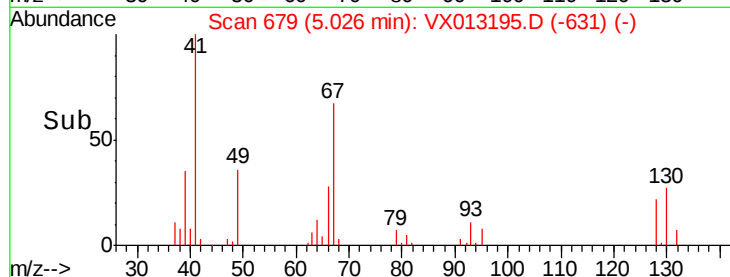
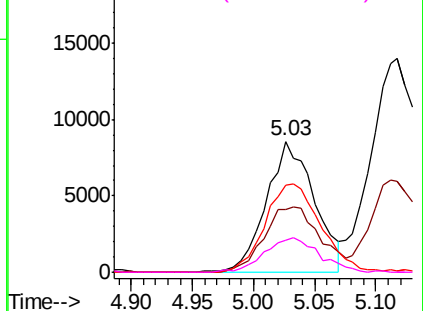


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.533 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX013195.D

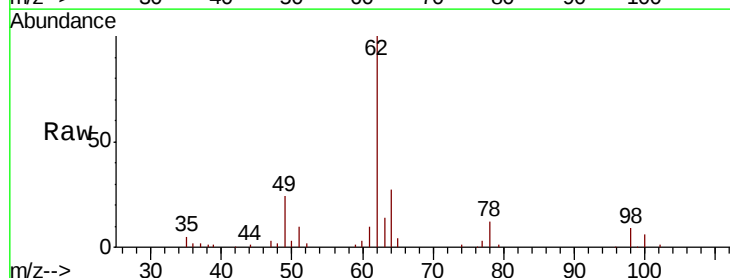
Acq: 23 Oct 2019 18:32

Tgt Ion: 62 Resp: 48681

Ion Ratio Lower Upper

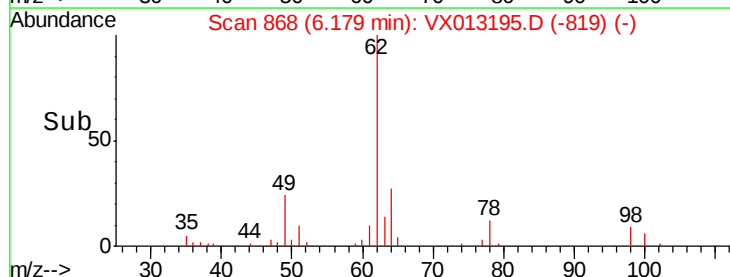
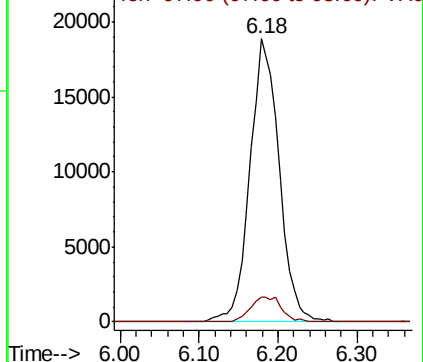
62 100

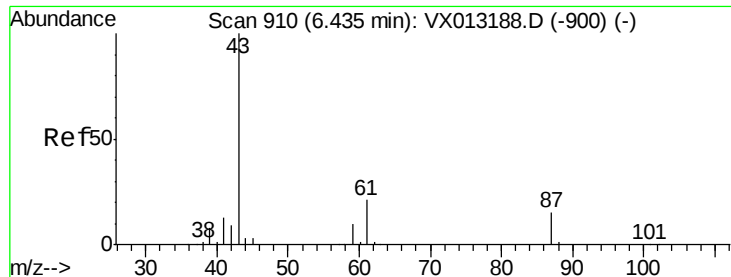
98 9.4 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.582 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

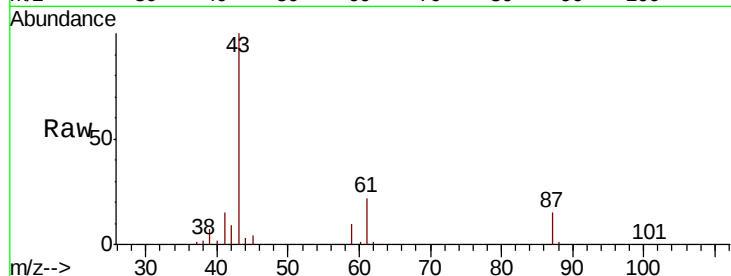
Tot Ion: 43 Resp: 71292

Ion Ratio Lower Upper

43 100

61 21.4 17.0 25.4

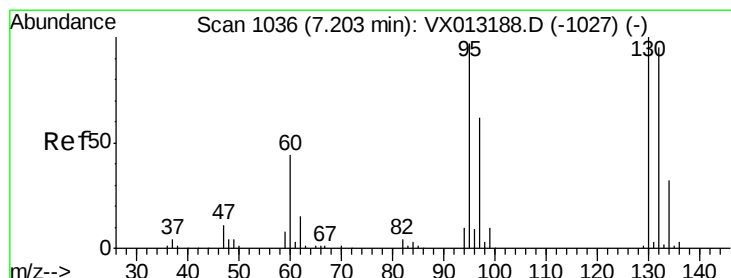
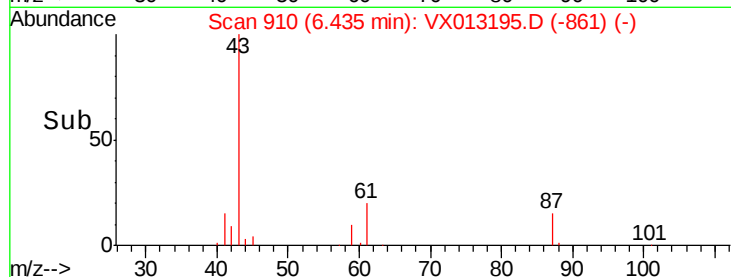
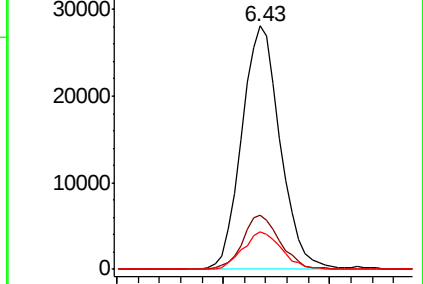
87 15.5 12.1 18.1



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: 19.974 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013195.D

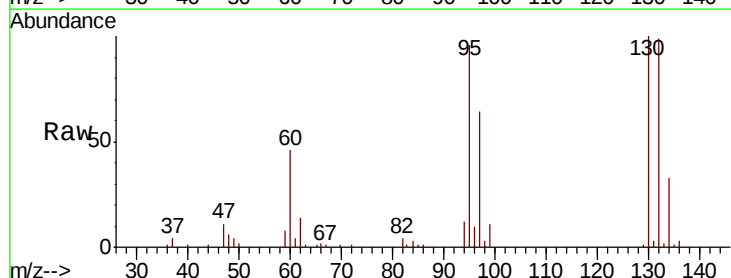
Acq: 23 Oct 2019 18:32

Tgt Ion:130 Resp: 35647

Ion Ratio Lower Upper

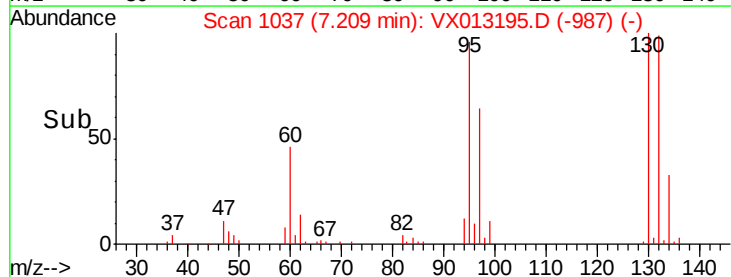
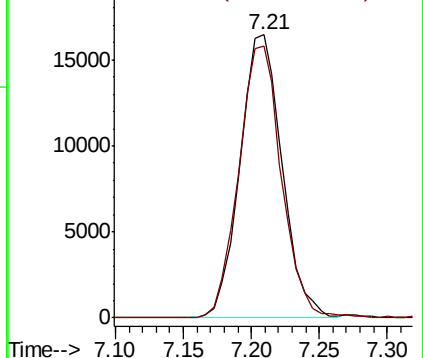
130 100

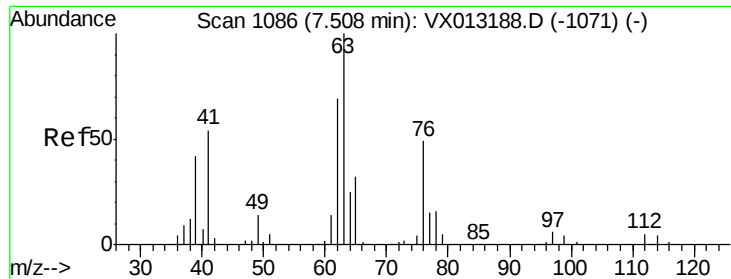
95 96.2 0.0 193.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

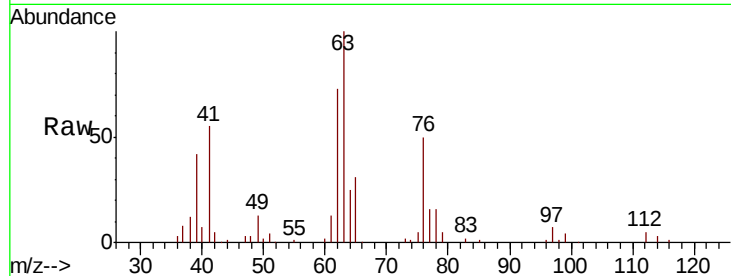




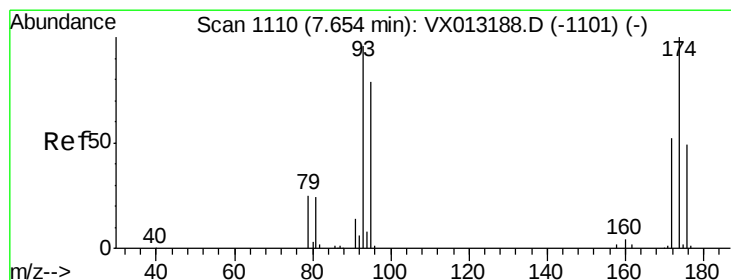
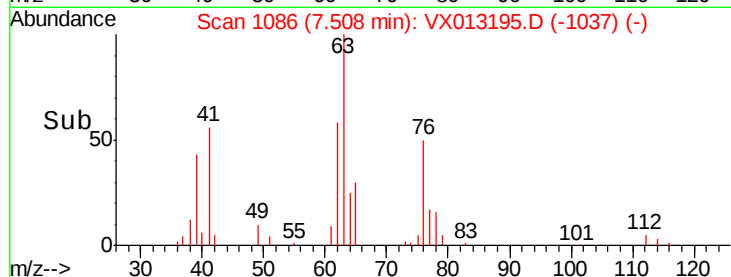
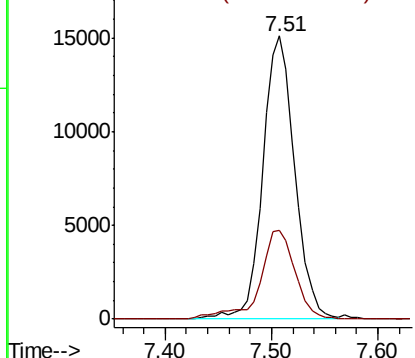
#45
 1,2-Dichloropropane
 Concen: 20.076 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

Tot Ion: 63 Resp: 31618
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.3 37.9

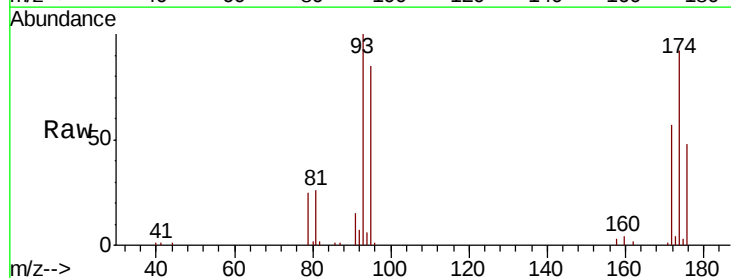


Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 64.90 (64.60 to 65.60): VX0

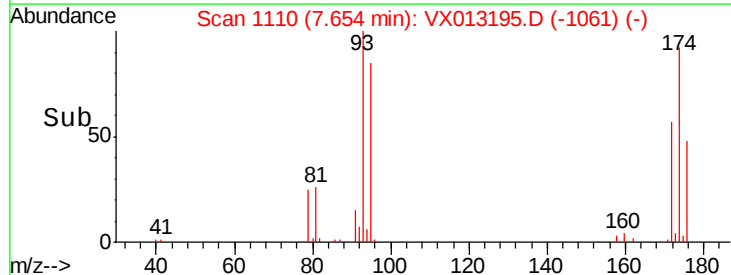
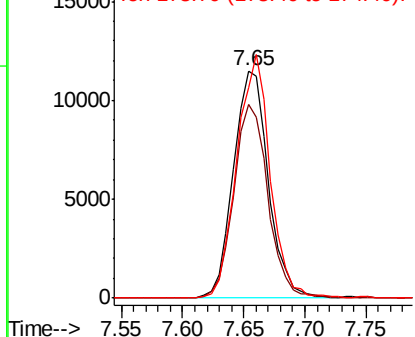


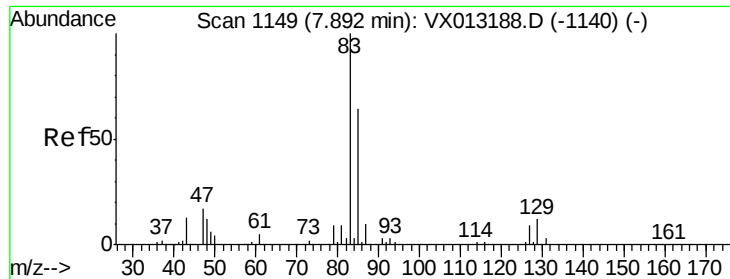
#46
 Dibromomethane
 Concen: 19.974 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Tgt Ion: 93 Resp: 22665
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.2 99.4
 174 102.4 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: 20.144 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

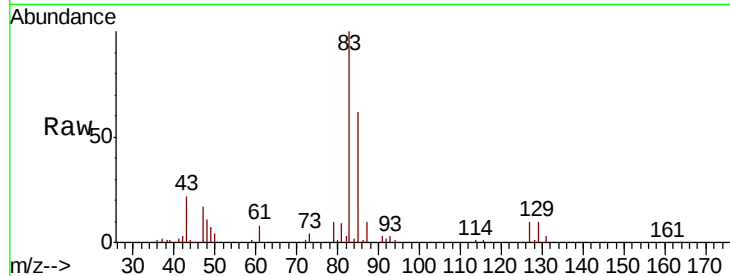
Tot Ion: 83 Resp: 44544

Ion Ratio Lower Upper

83 100

85 61.8 51.0 76.6

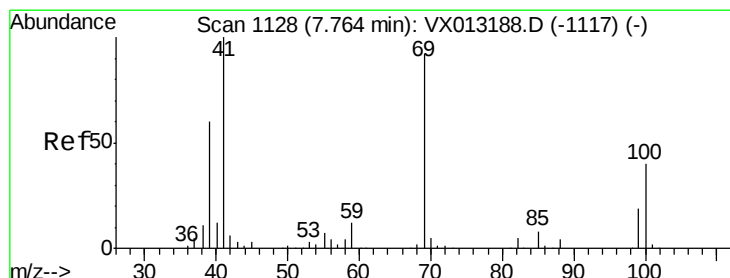
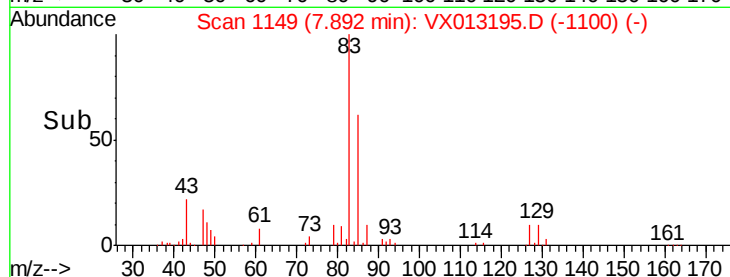
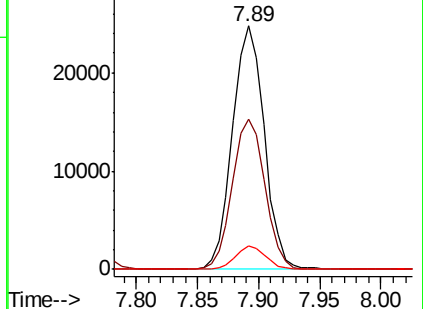
127 9.6 7.2 10.8



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: 20.453 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

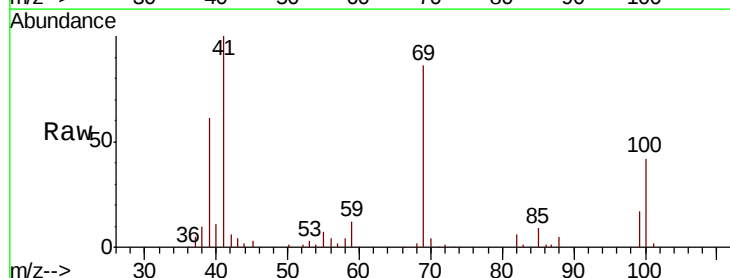
Tgt Ion: 41 Resp: 35015

Ion Ratio Lower Upper

41 100

69 89.6 72.0 108.0

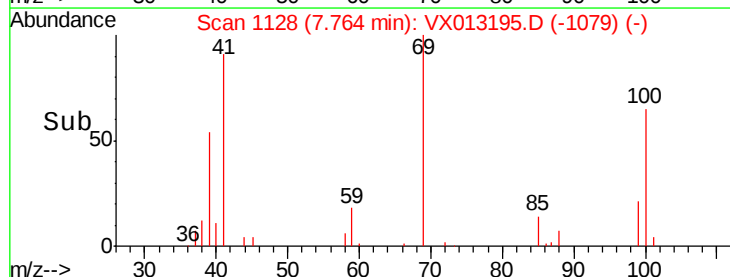
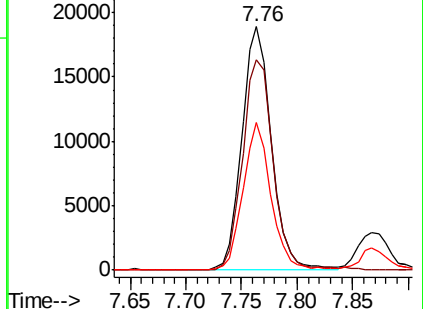
39 57.5 47.4 71.0

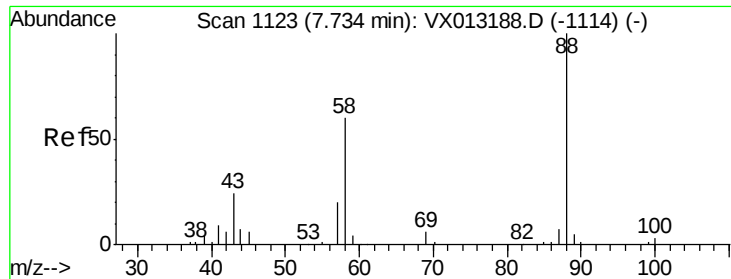


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

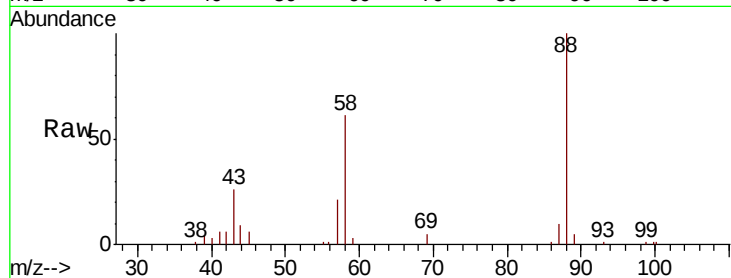




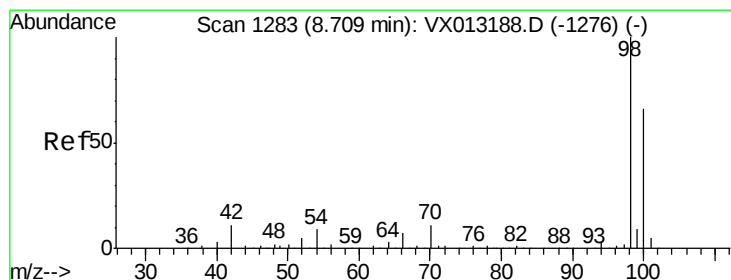
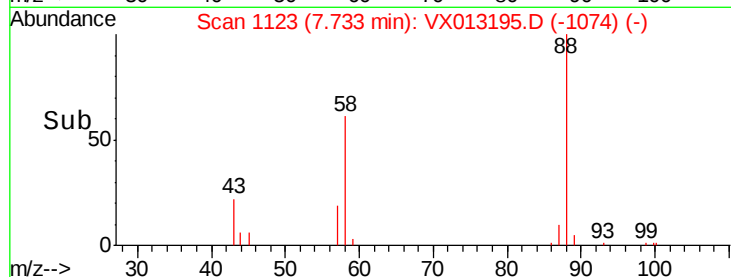
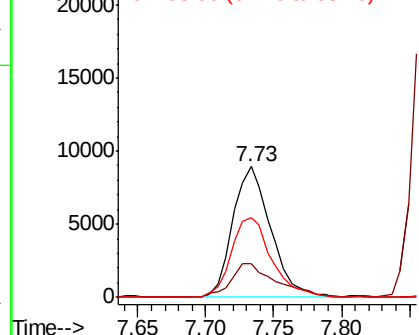
#49
1,4-Dioxane
Concen: 400.606 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

Tot Ion: 88 Resp: 17455
Ion Ratio Lower Upper
88 100
43 31.1 24.5 36.7
58 64.7 54.1 81.1

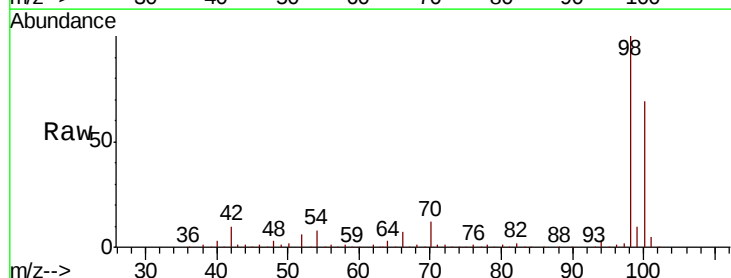


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

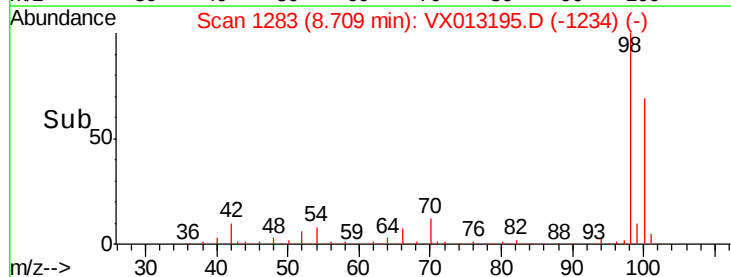
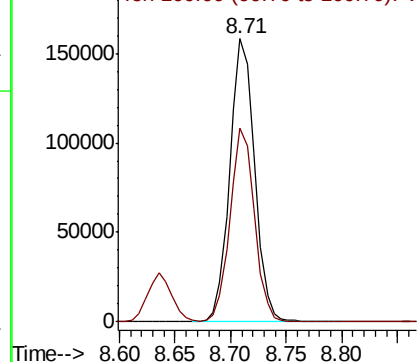


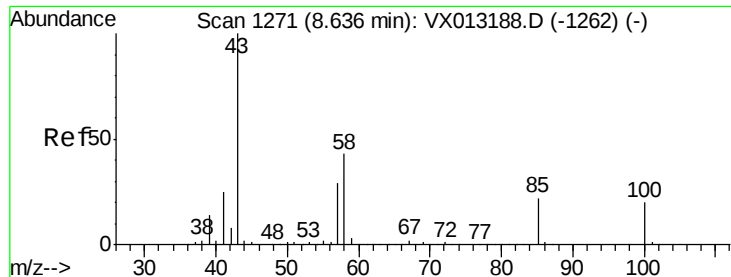
#50
Toluene-d8
Concen: 47.189 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion: 98 Resp: 244138
Ion Ratio Lower Upper
98 100
100 67.3 53.3 79.9



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





#51

4-Methyl-2-Pentanone

Concen: 103.530 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

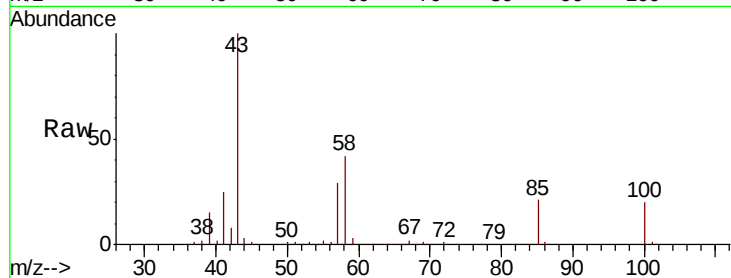
VX1024WBSD02

Tot Ion: 43 Resp: 218579

Ion Ratio Lower Upper

43 100

58 42.0 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

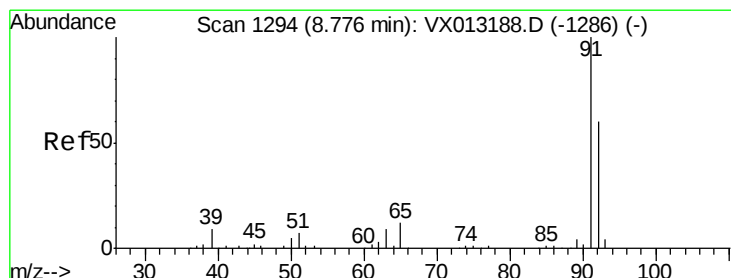
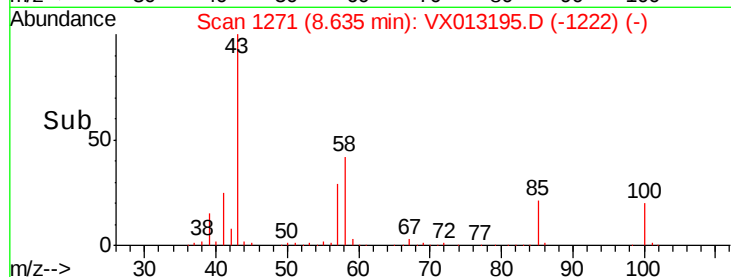
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.741 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013195.D

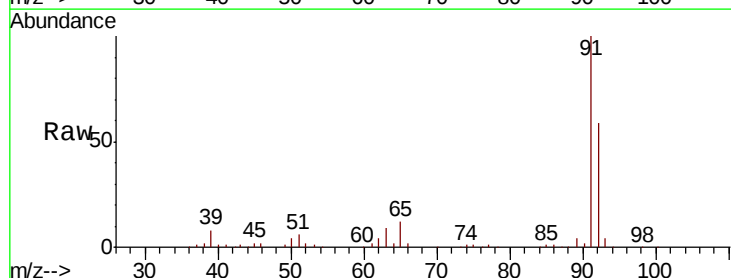
Acq: 23 Oct 2019 18:32

Tgt Ion: 92 Resp: 82265

Ion Ratio Lower Upper

92 100

91 169.0 133.9 200.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

100000

80000

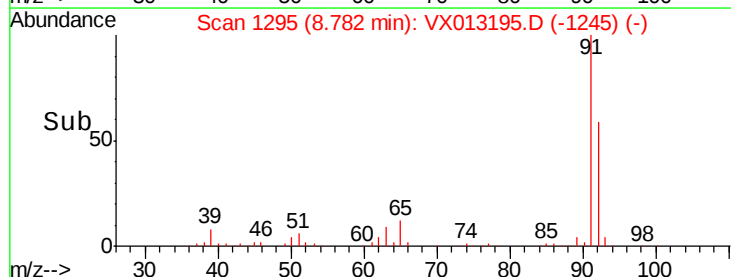
60000

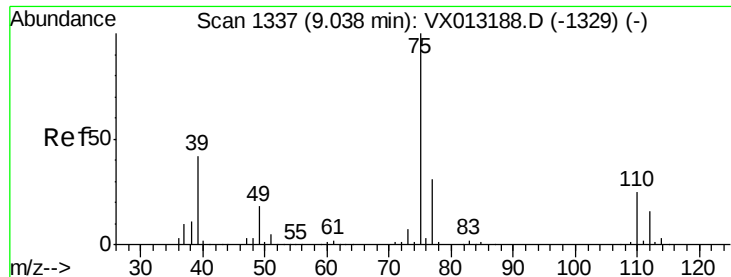
40000

20000

0

Time-->

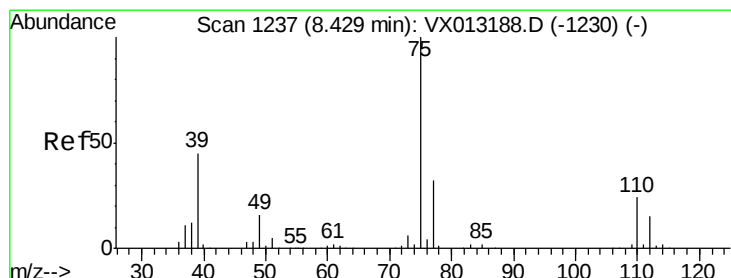
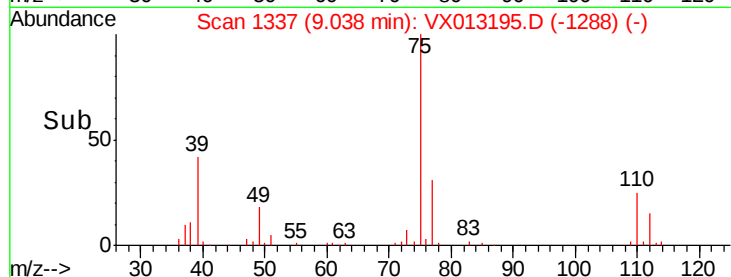
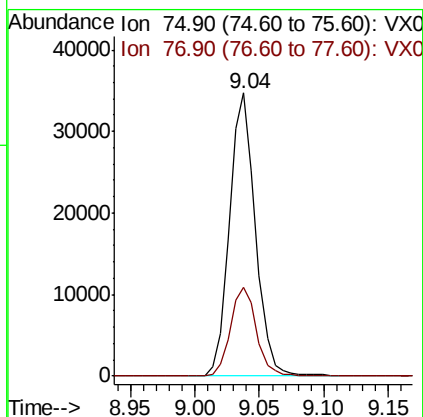
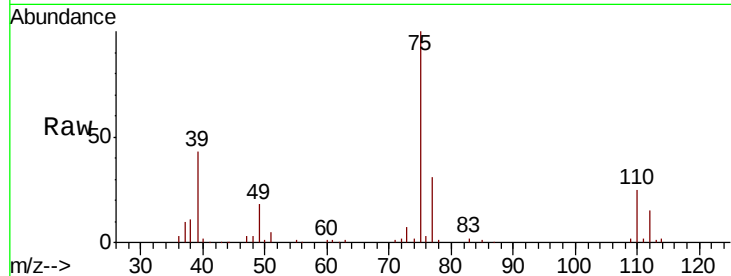




#53
 t-1,3-Dichloropropene
 Concen: 20.862 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

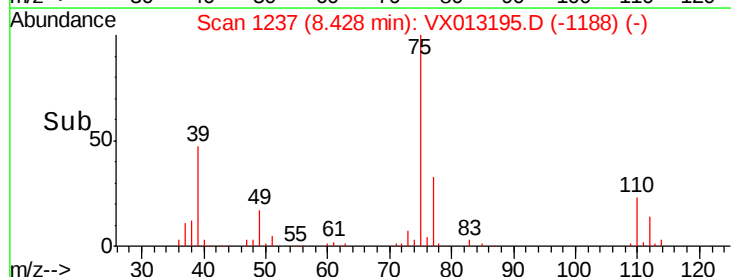
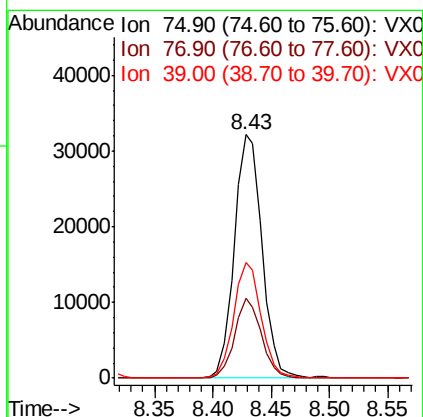
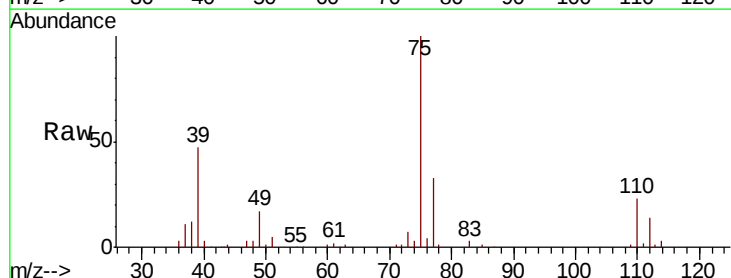
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

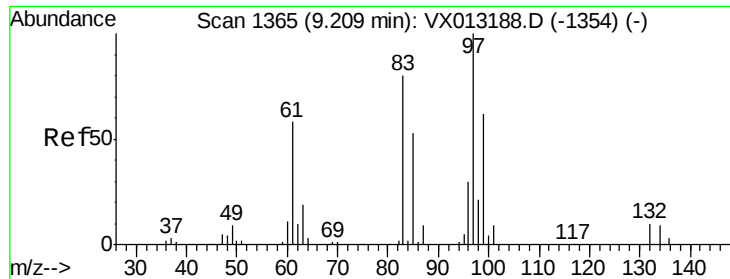
Tot Ion: 75 Resp: 49024
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.725 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Tgt Ion: 75 Resp: 53277
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.4 38.0
 39 47.3 36.2 54.4

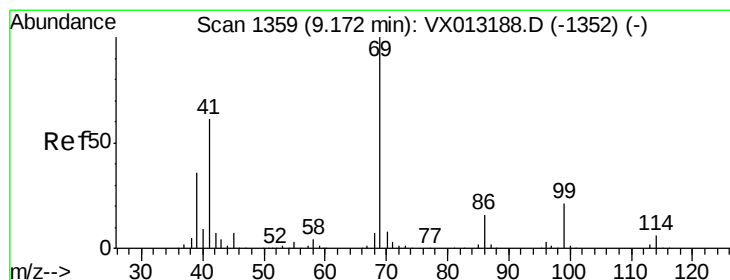
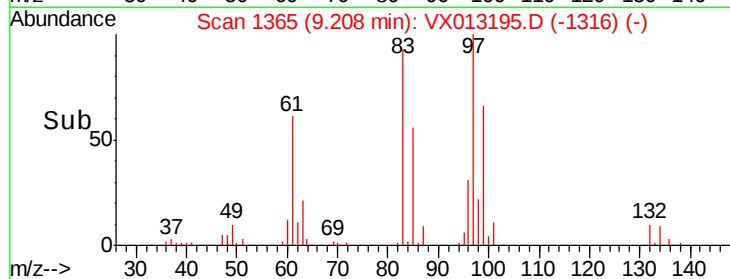
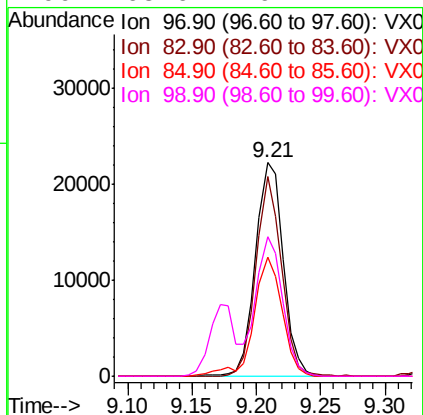
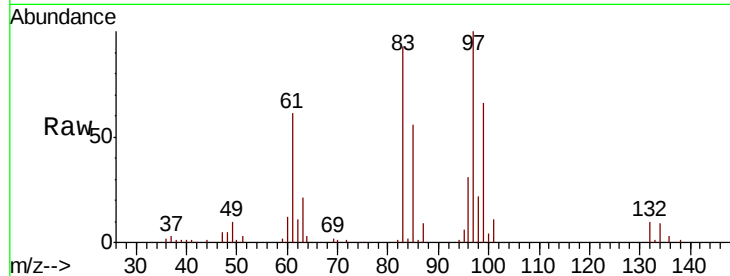




#55
1,1,2-Trichloroethane
Concen: 20.054 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

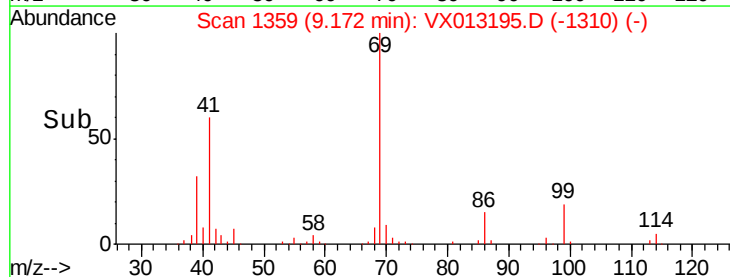
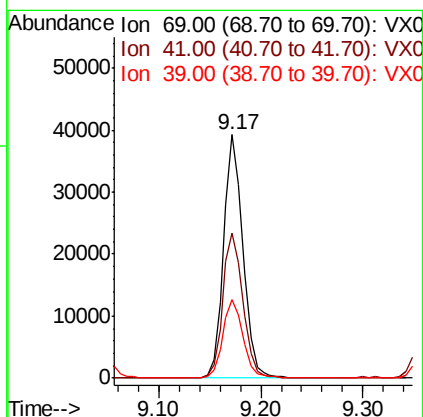
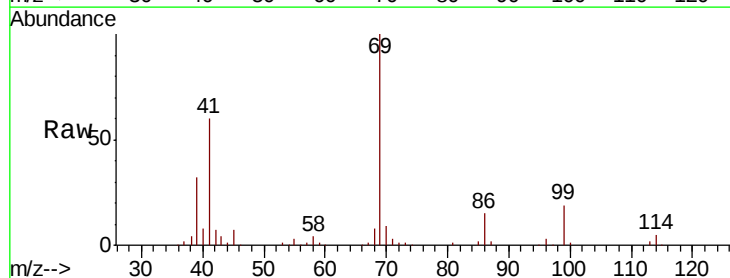
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

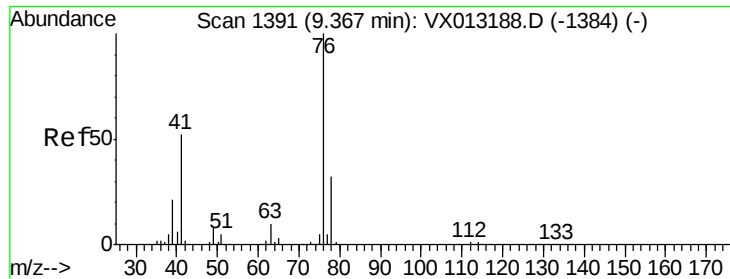
Tot Ion:	97	Resp:	33041
Ion	Ratio	Lower	Upper
97	100		
83	93.5	64.1	96.1
85	55.7	42.1	63.1
99	65.6	49.4	74.2



#56
Ethyl methacrylate
Concen: 21.014 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion:	69	Resp:	52108
Ion	Ratio	Lower	Upper
69	100		
41	61.8	49.5	74.3
39	34.2	28.3	42.5





#57

1,3-Dichloropropane

Concen: 20.342 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

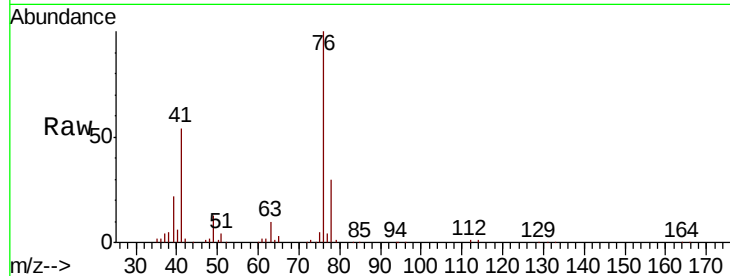
VX1024WBSD02

Tot Ion: 76 Resp: 56550

Ion Ratio Lower Upper

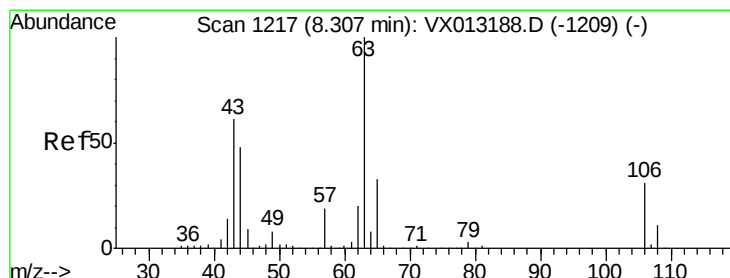
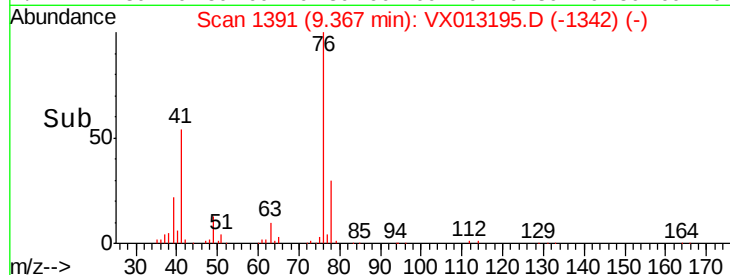
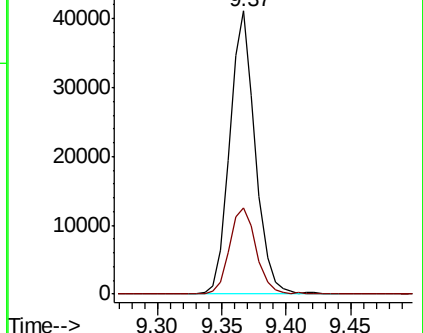
76 100

78 32.0 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 108.112 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013195.D

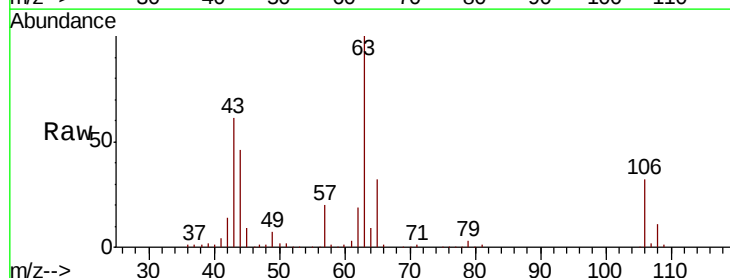
Acq: 23 Oct 2019 18:32

Tgt Ion: 63 Resp: 104607

Ion Ratio Lower Upper

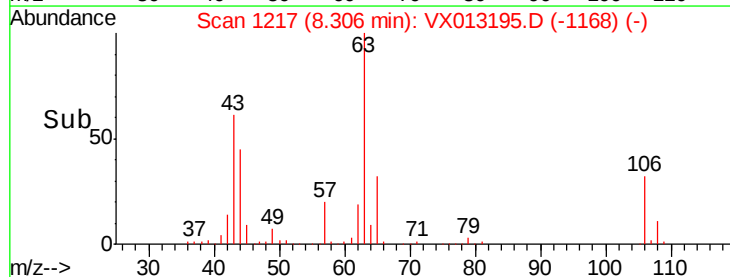
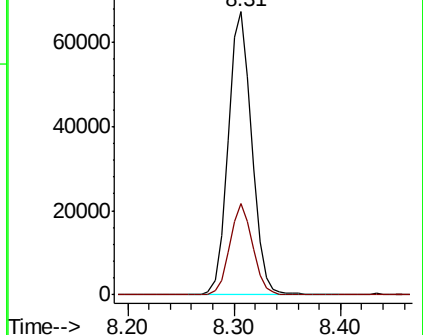
63 100

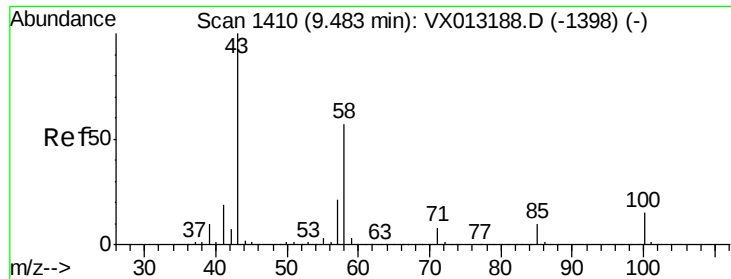
106 31.4 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

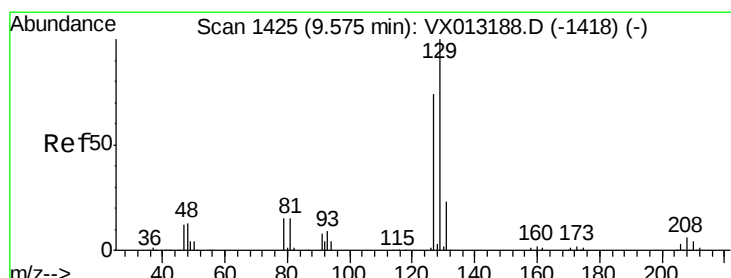
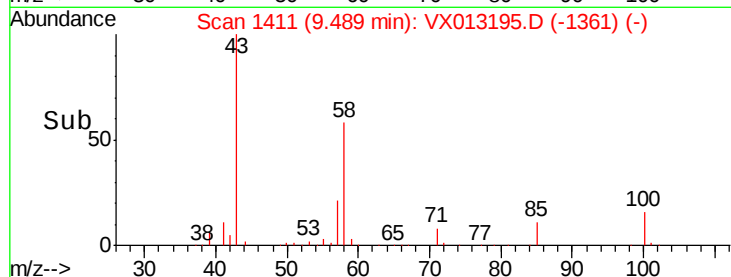
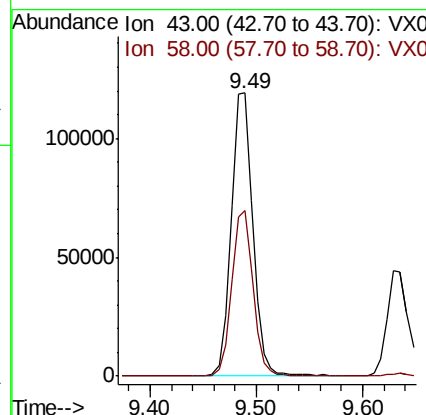
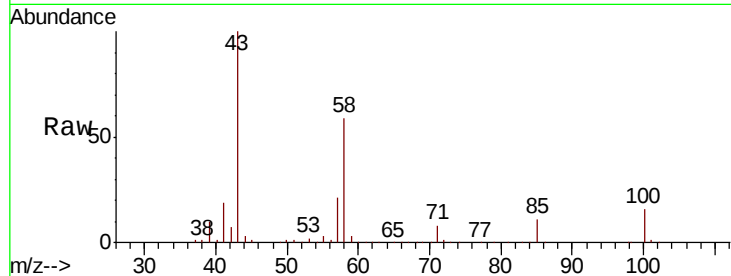




#59
2-Hexanone
Concen: 104.820 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

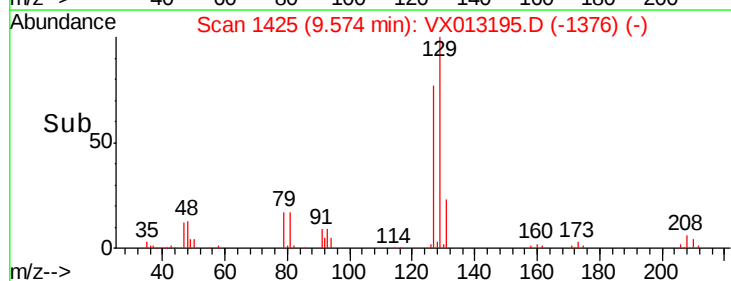
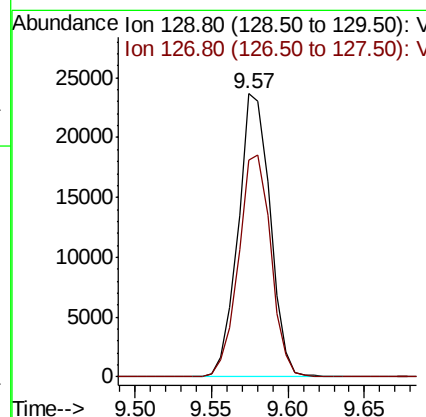
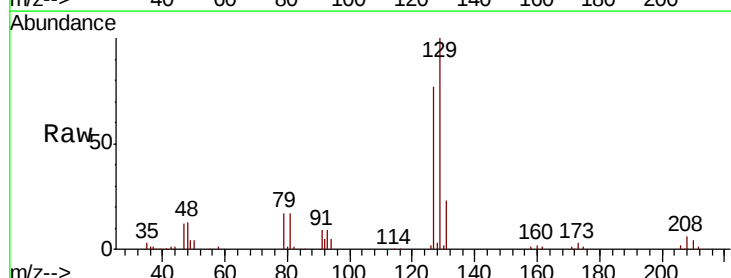
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

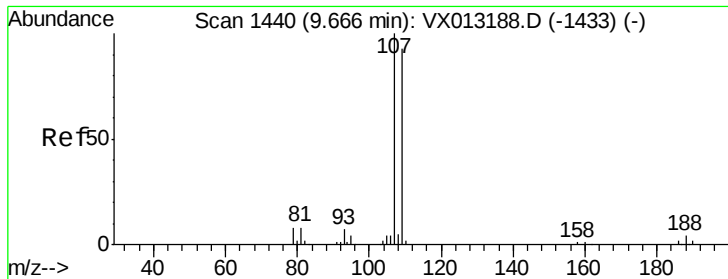
Tot Ion: 43 Resp: 170468
Ion Ratio Lower Upper
43 100
58 57.9 28.2 84.7



#60
Dibromochloromethane
Concen: 19.914 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion: 129 Resp: 34380
Ion Ratio Lower Upper
129 100
127 79.2 38.2 114.6





#61

1,2-Dibromoethane

Concen: 20.299 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

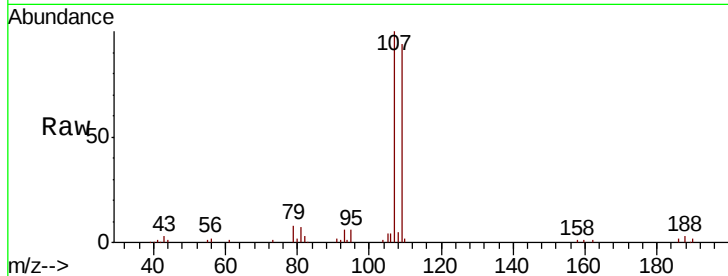
VX1024WBSD02

Tot Ion:107 Resp: 35505

Ion Ratio Lower Upper

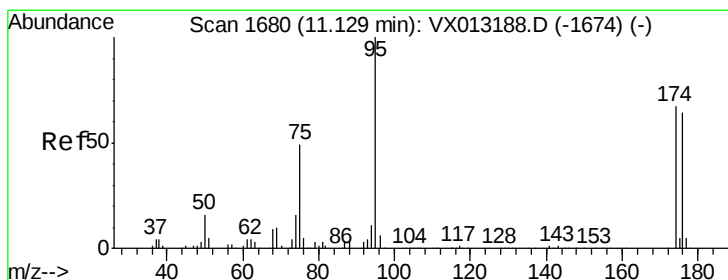
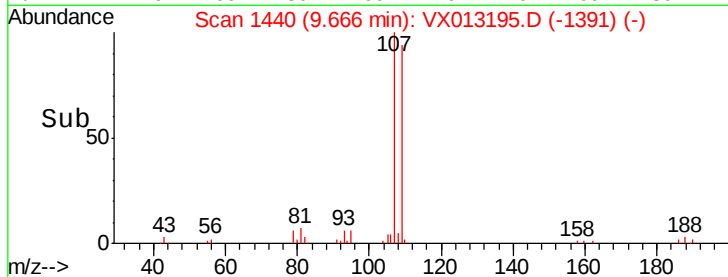
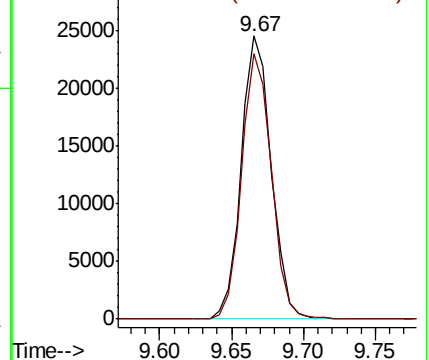
107 100

109 92.9 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.738 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

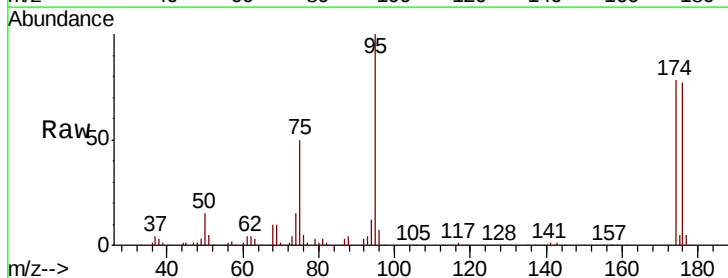
Tgt Ion: 95 Resp: 95706

Ion Ratio Lower Upper

95 100

174 74.2 0.0 152.4

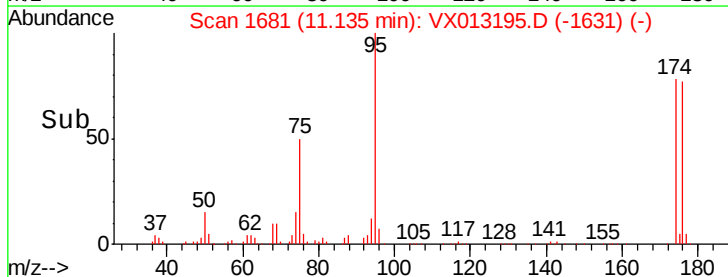
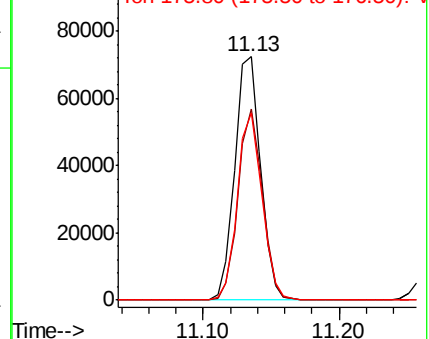
176 73.7 0.0 146.0

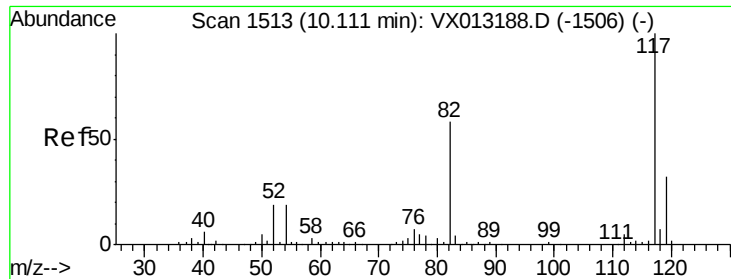


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

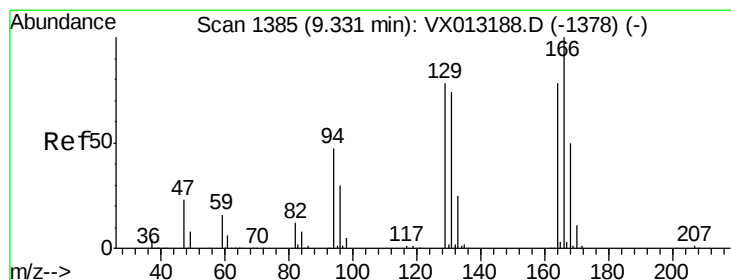
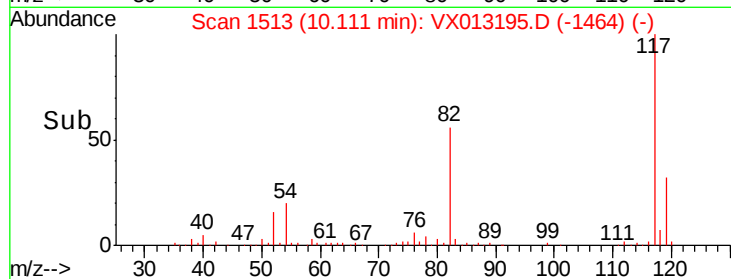
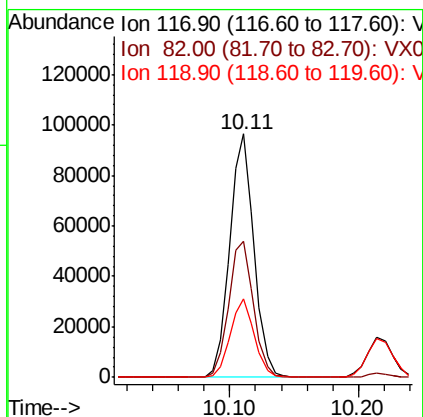
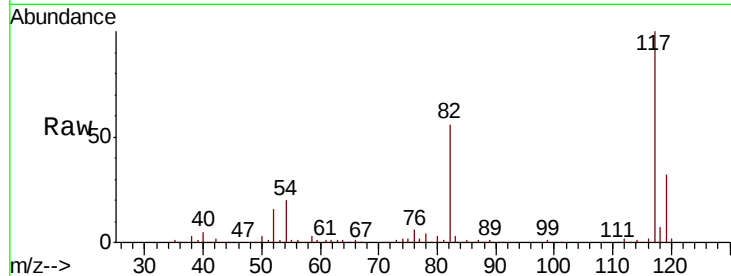




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

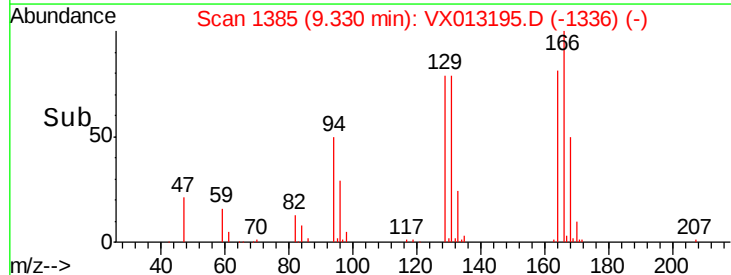
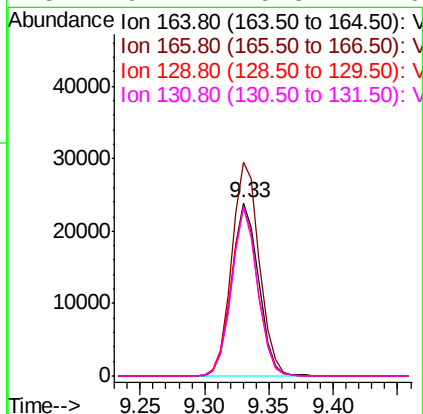
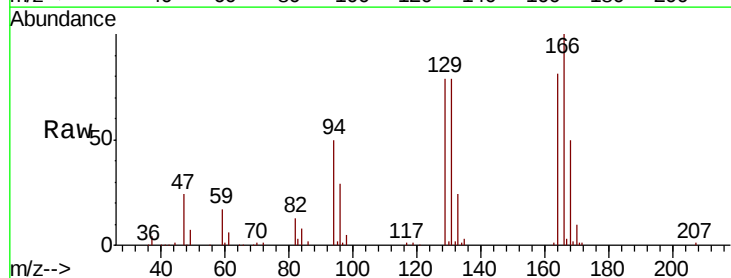
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

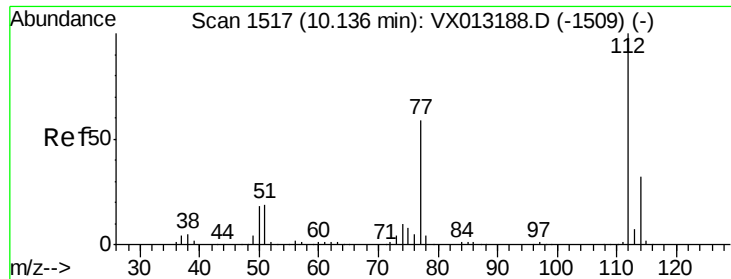
Tot Ion:117 Resp: 127184
Ion Ratio Lower Upper
117 100
82 56.0 46.5 69.7
119 32.3 25.2 37.8



#64
Tetrachloroethene
Concen: 21.119 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion:164 Resp: 34888
Ion Ratio Lower Upper
164 100
166 123.3 102.2 153.4
129 97.7 79.8 119.8
131 97.7 75.3 112.9

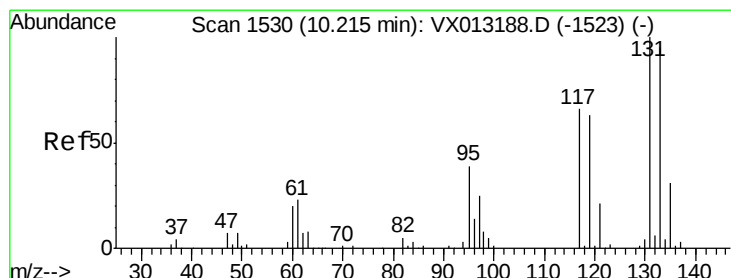
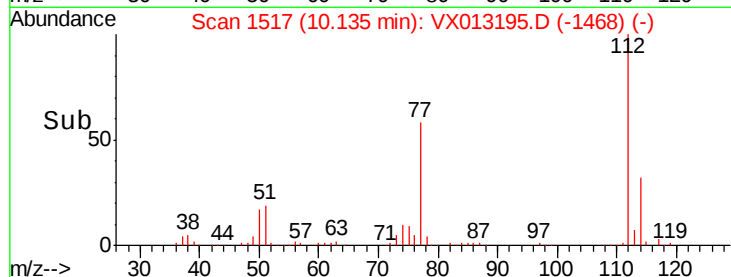
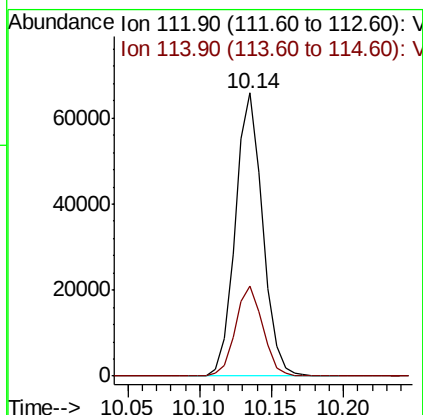
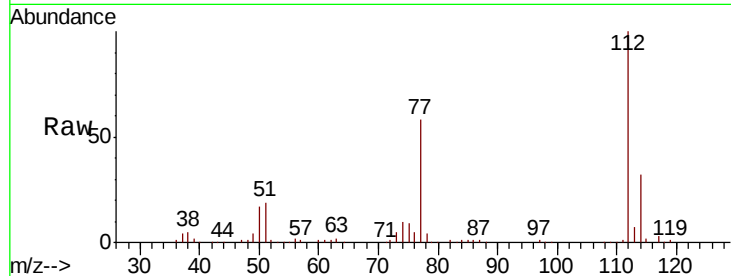




#65
Chlorobenzene
Concen: 19.606 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

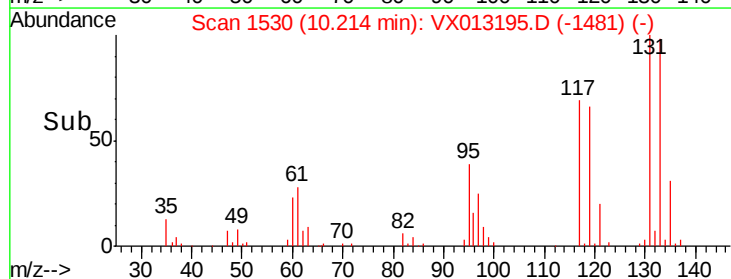
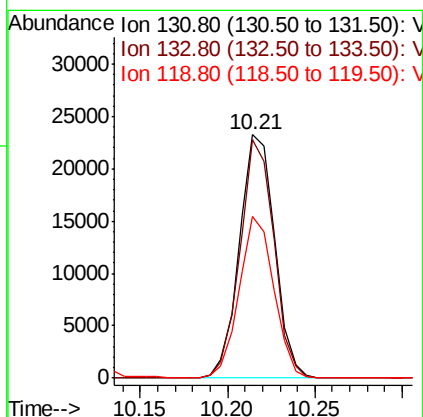
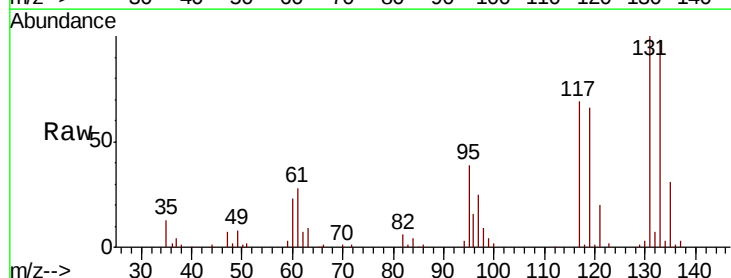
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

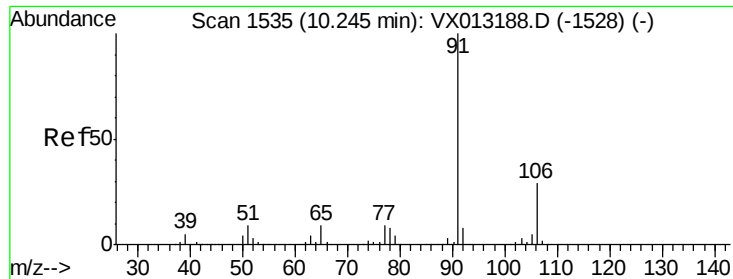
Tot Ion:112 Resp: 87291
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.825 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion:131 Resp: 32606
Ion Ratio Lower Upper
131 100
133 94.2 48.4 145.2
119 65.3 32.4 97.0





#67

Ethyl Benzene

Concen: 19.740 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

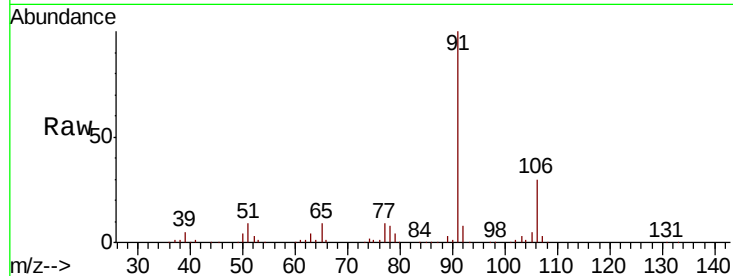
VX1024WBSD02

Tot Ion: 91 Resp: 157333

Ion Ratio Lower Upper

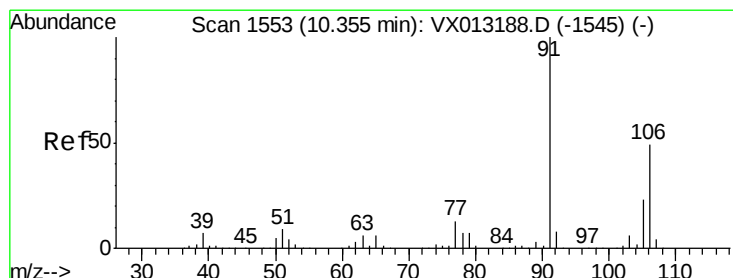
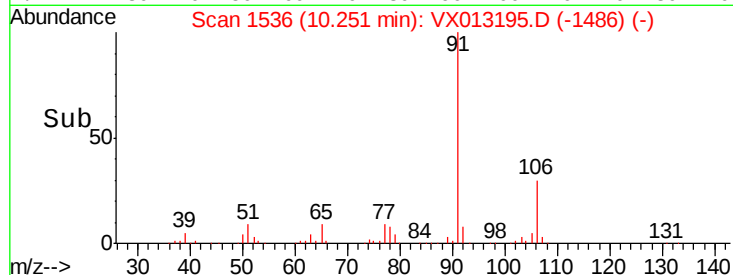
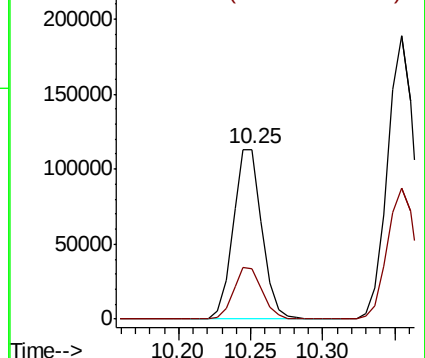
91 100

106 30.1 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.553 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013195.D

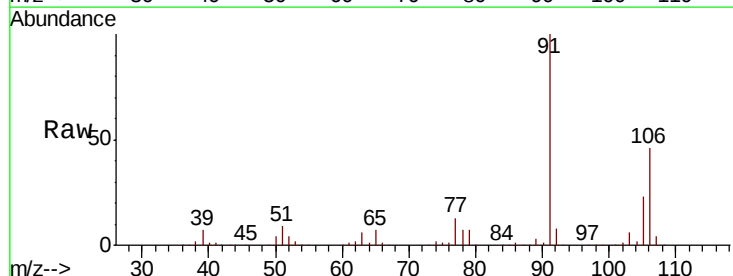
Acq: 23 Oct 2019 18:32

Tgt Ion: 106 Resp: 119140

Ion Ratio Lower Upper

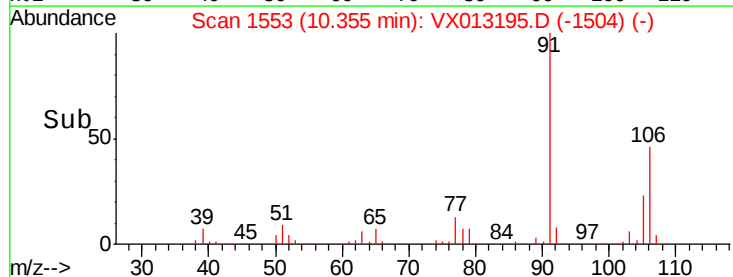
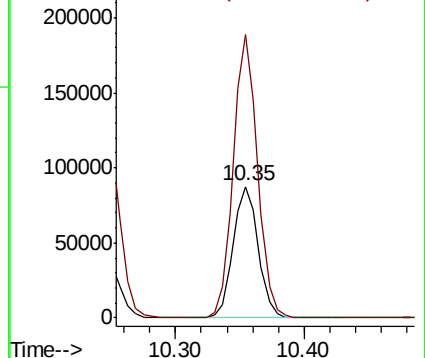
106 100

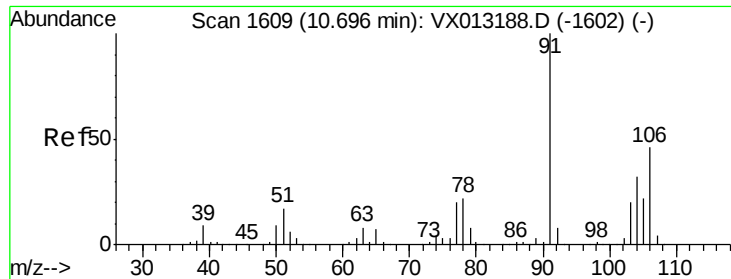
91 209.1 166.8 250.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

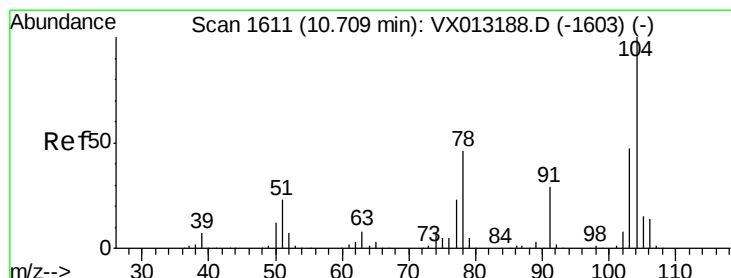
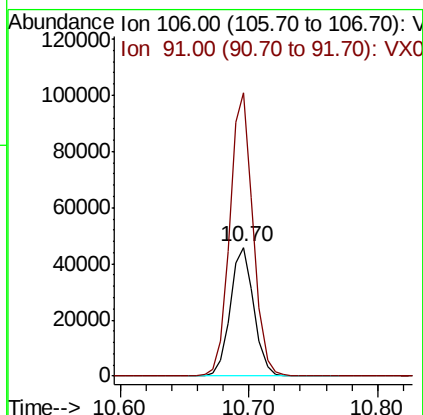
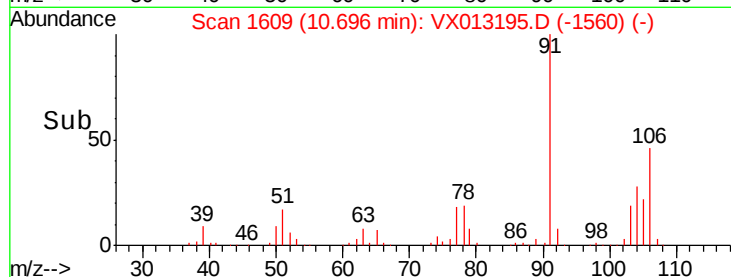
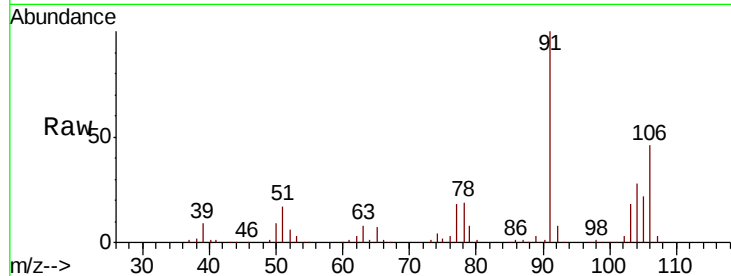




#69
o-Xylene
Concen: 20.188 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

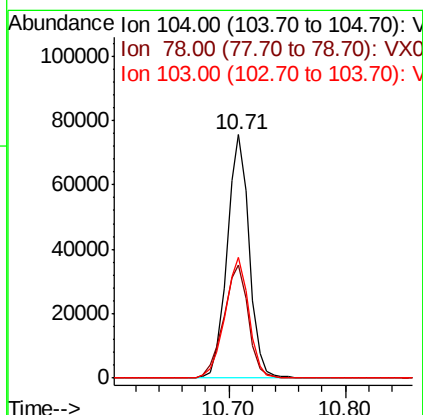
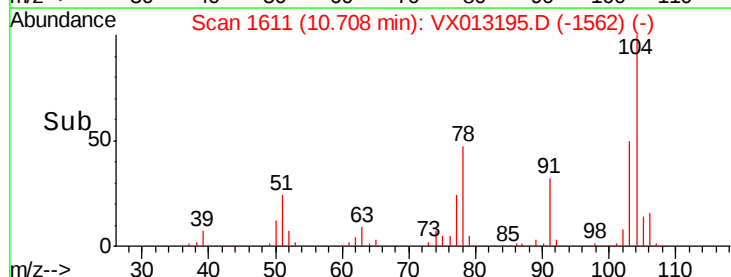
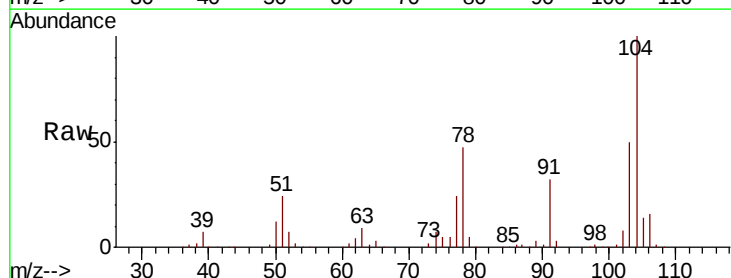
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

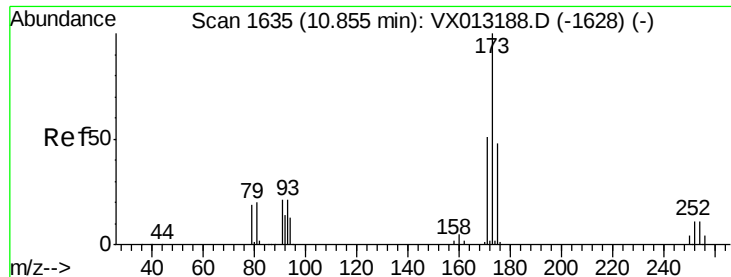
Tot Ion:106 Resp: 58334
Ion Ratio Lower Upper
106 100
91 218.2 110.7 331.9



#70
Styrene
Concen: 19.930 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion:104 Resp: 99163
Ion Ratio Lower Upper
104 100
78 51.8 42.2 63.4
103 53.6 42.8 64.2





#71

Bromoform

Concen: 19.613 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

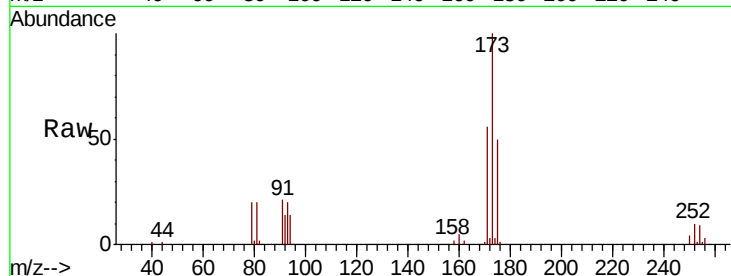
Tot Ion:173 Resp: 23570

Ion Ratio Lower Upper

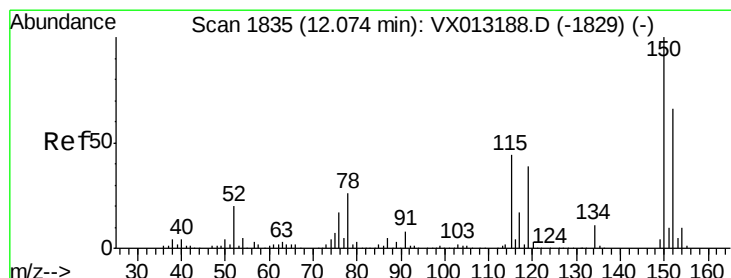
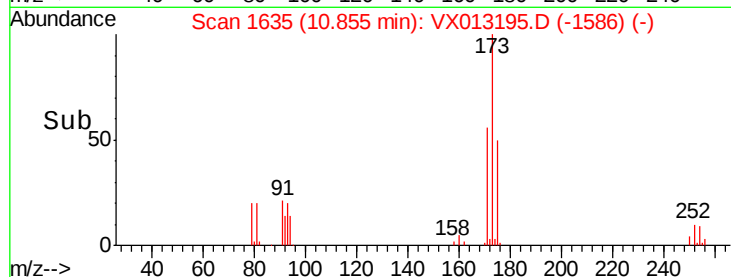
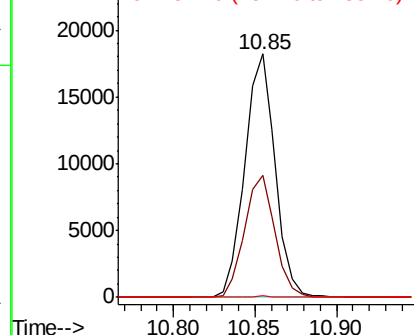
173 100

175 50.4 24.3 72.8

254 0.2 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: VX013195.D

Acq: 23 Oct 2019 18:32

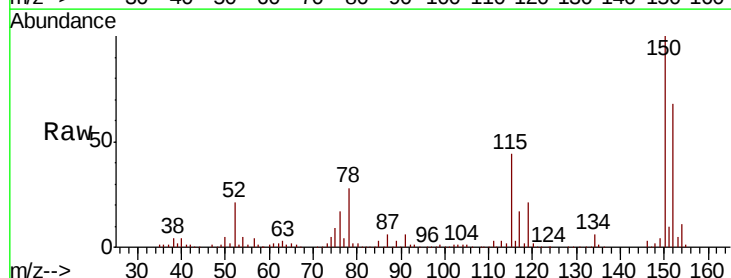
Tgt Ion:152 Resp: 85130

Ion Ratio Lower Upper

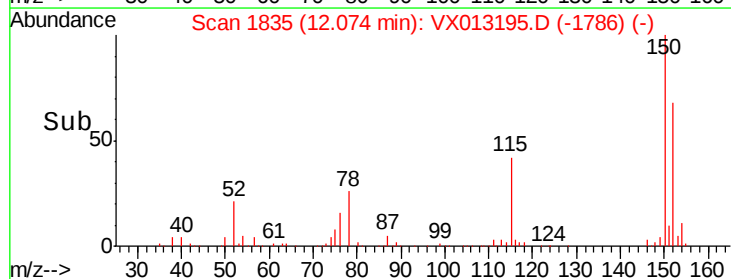
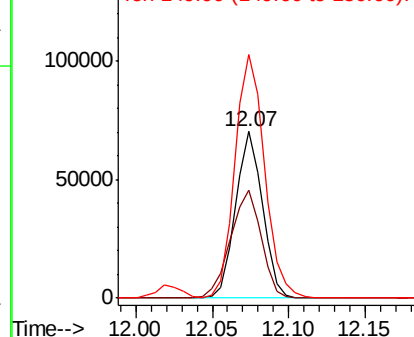
152 100

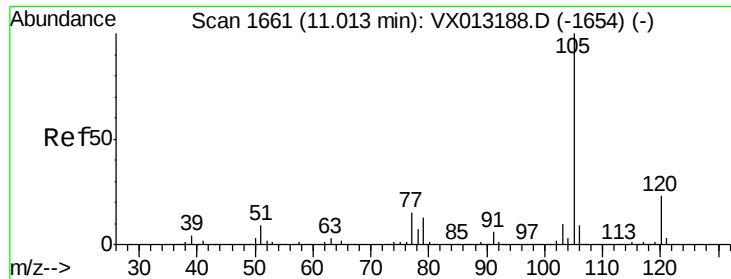
115 74.4 46.6 139.8

150 161.6 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: 20.514 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

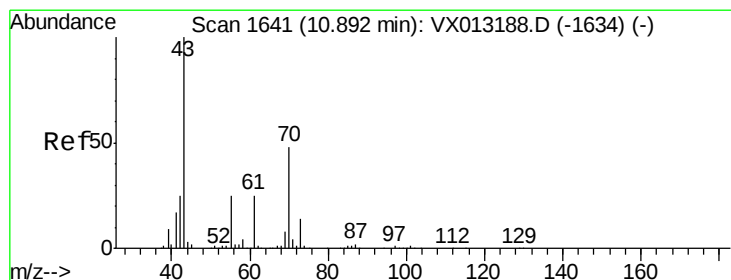
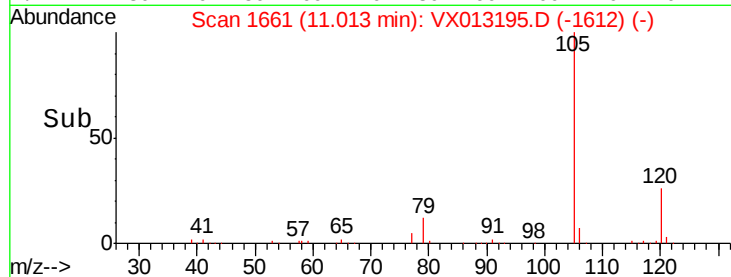
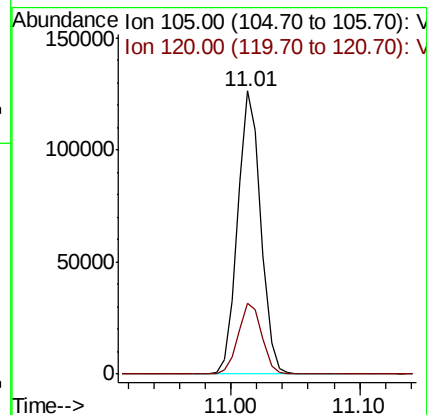
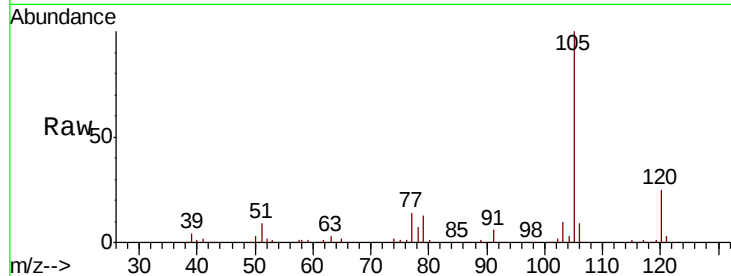
VX1024WBSD02

Tot Ion:105 Resp: 158586

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#74

N-ethyl acetate

Concen: 20.421 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Tgt Ion: 43 Resp: 57940

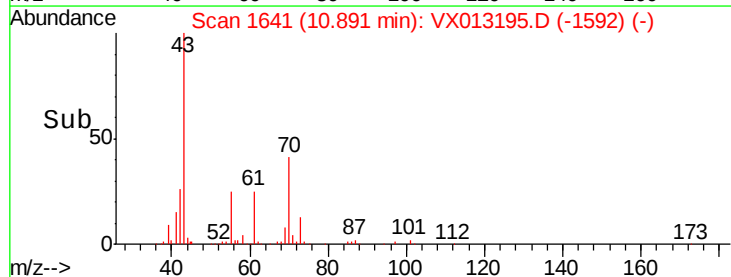
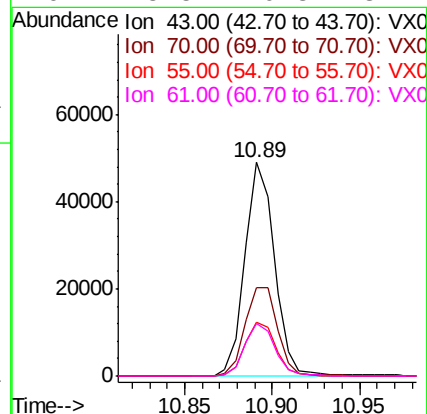
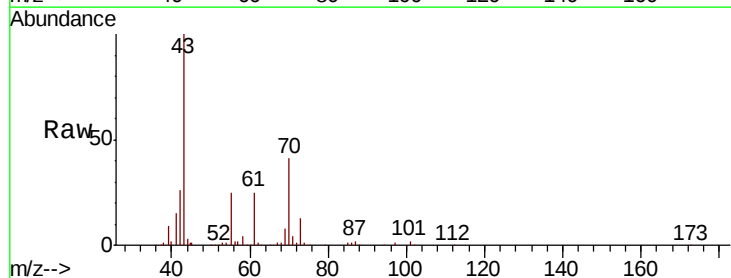
Ion Ratio Lower Upper

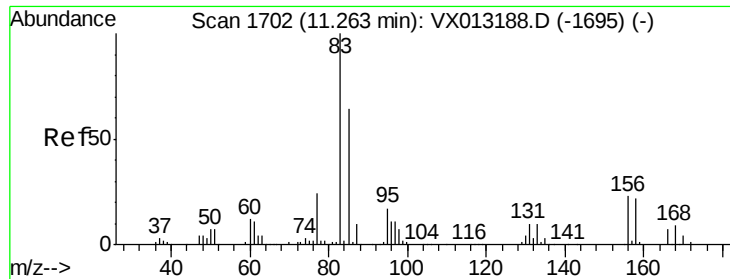
43 100

70 46.0 38.5 57.7

55 26.4 20.7 31.1

61 25.5 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.204 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampled :

VX1024WBSD02

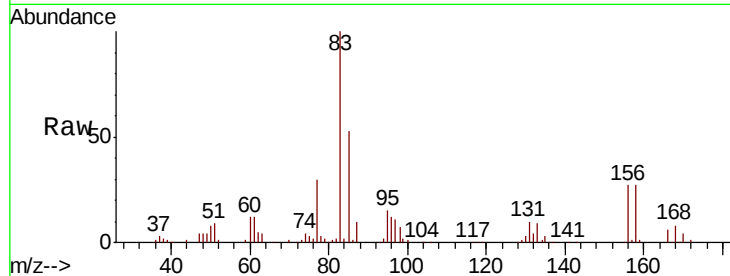
Tot Ion: 83 Resp: 47426

Ion Ratio Lower Upper

83 100

131 11.1 5.3 16.1

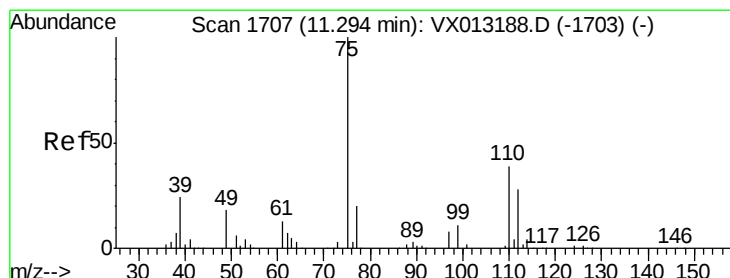
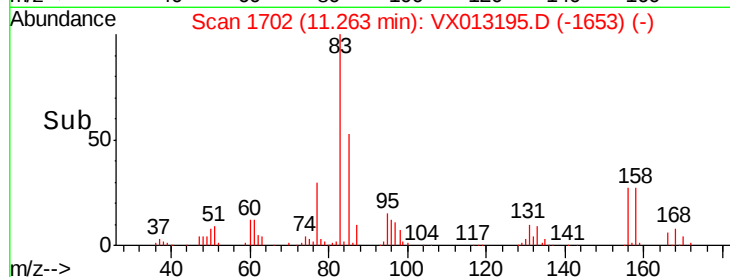
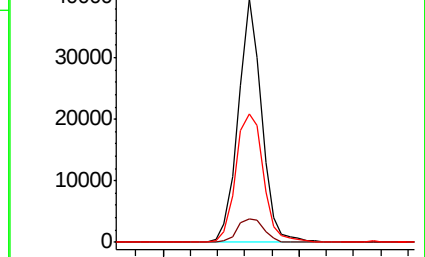
85 62.5 31.4 94.3



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: 27.878 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013195.D

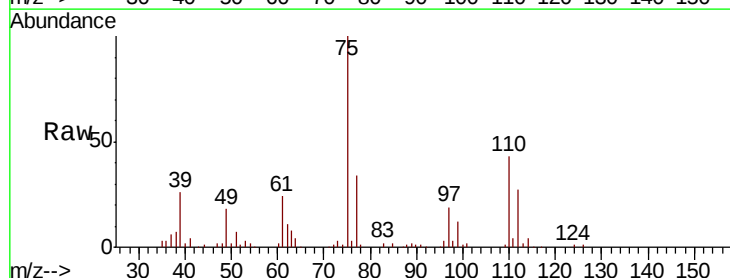
Acq: 23 Oct 2019 18:32

Tgt Ion: 75 Resp: 57199

Ion Ratio Lower Upper

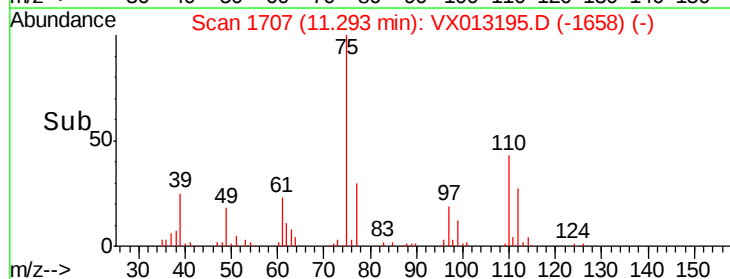
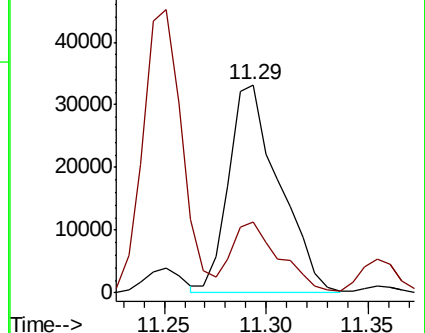
75 100

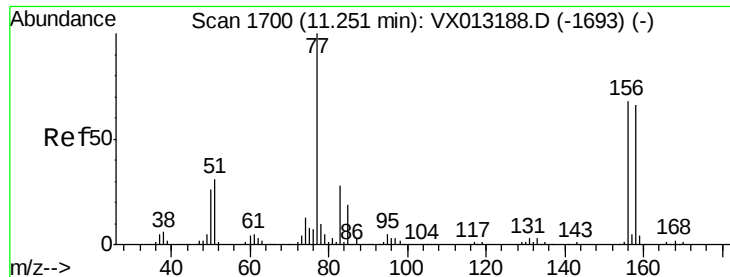
77 32.2 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.245 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

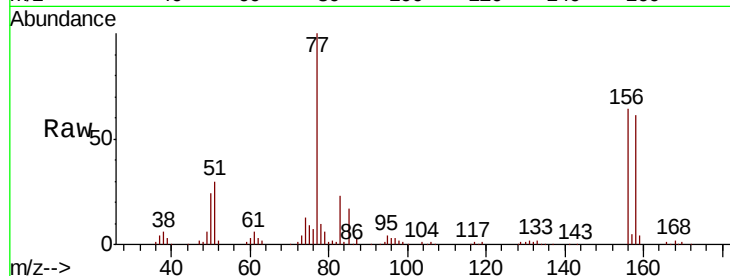
Tot Ion:156 Resp: 37511

Ion Ratio Lower Upper

156 100

77 159.9 81.7 245.1

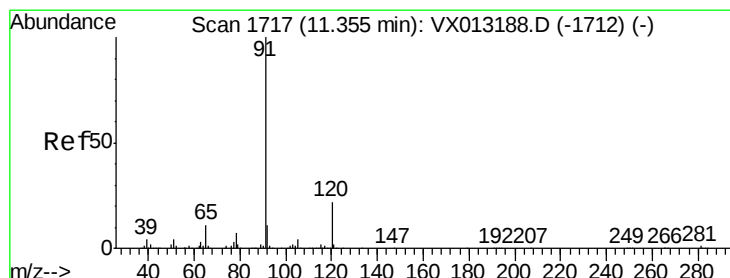
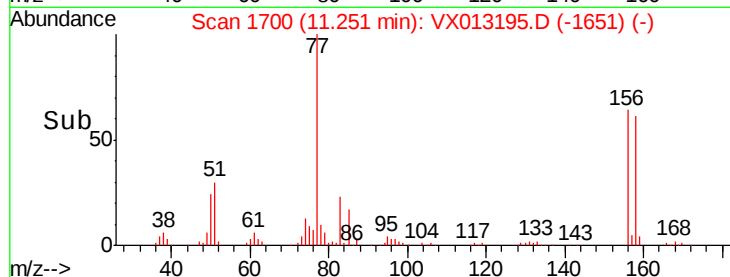
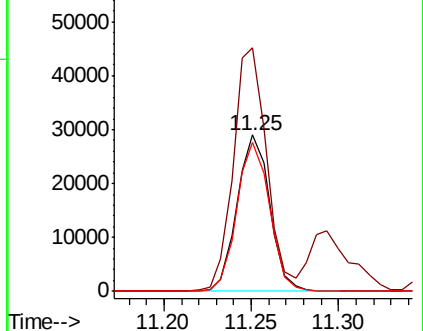
158 95.9 49.6 148.8



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: 20.539 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013195.D

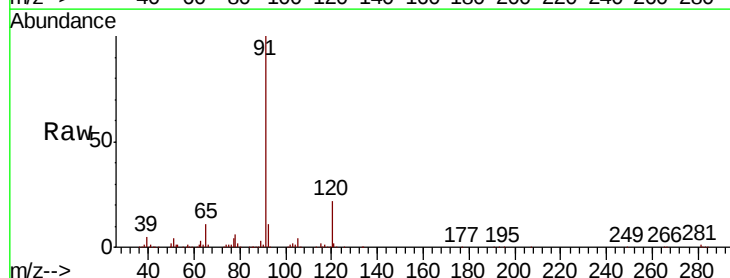
Acq: 23 Oct 2019 18:32

Tgt Ion: 91 Resp: 172471

Ion Ratio Lower Upper

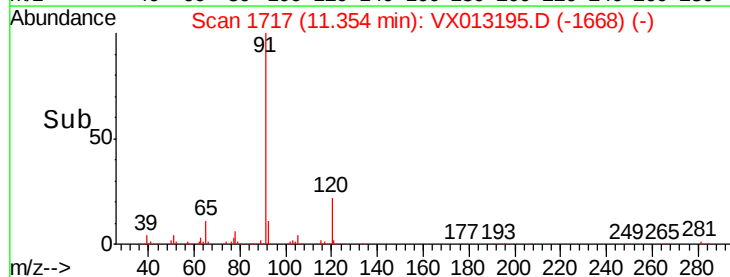
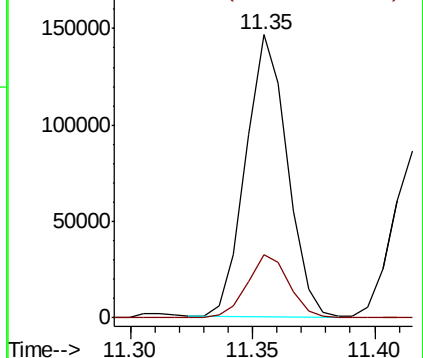
91 100

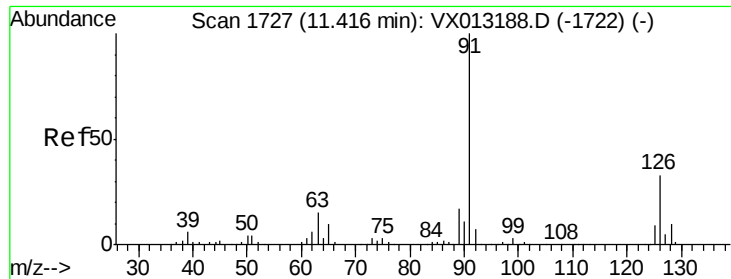
120 22.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

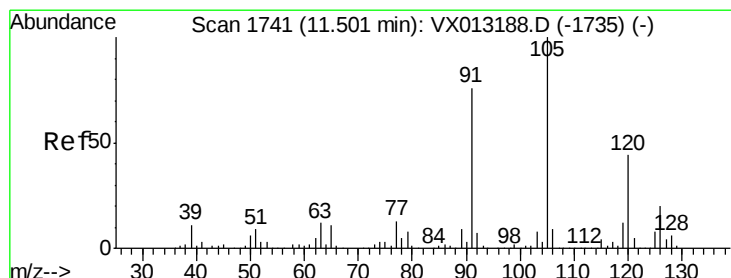
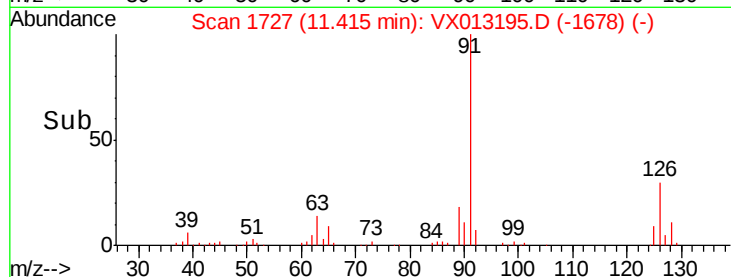
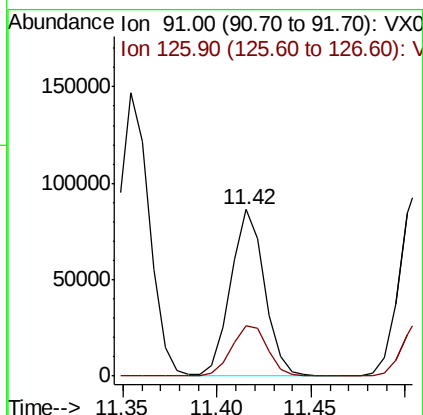
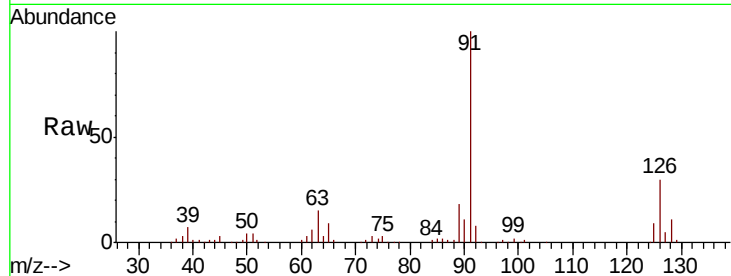




#79
 2-Chlorotoluene
 Concen: 20.230 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

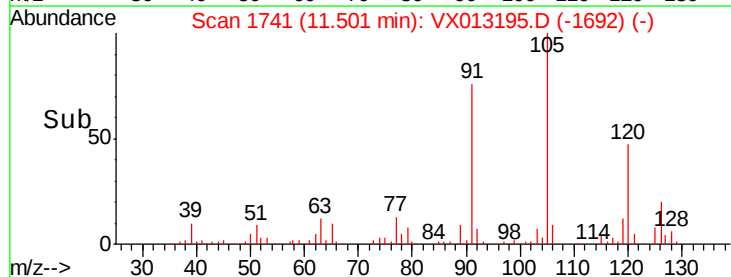
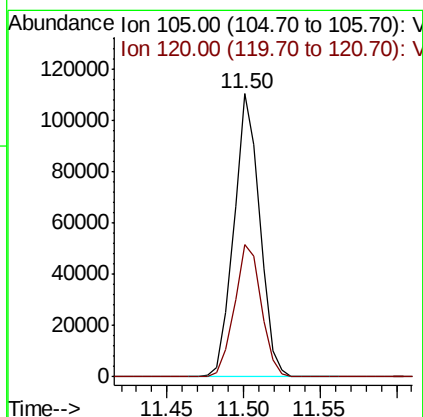
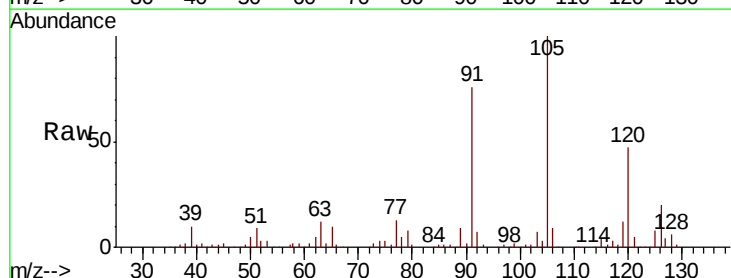
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

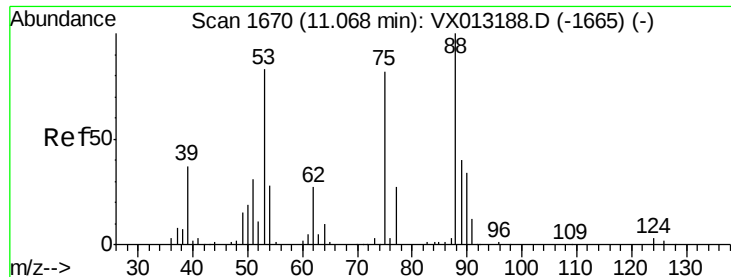
Tot Ion: 91 Resp: 107333
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.101 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Tgt Ion: 105 Resp: 129158
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.855 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

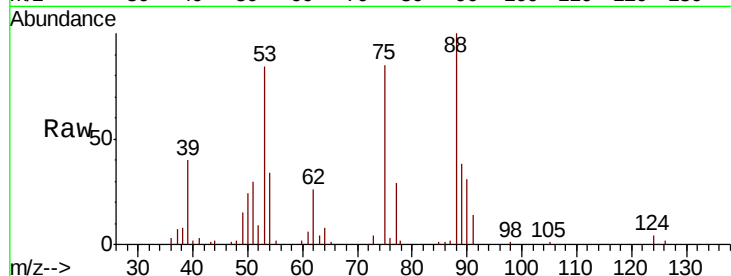
Tot Ion: 75 Resp: 14825

Ion Ratio Lower Upper

75 100

53 103.8 77.9 116.9

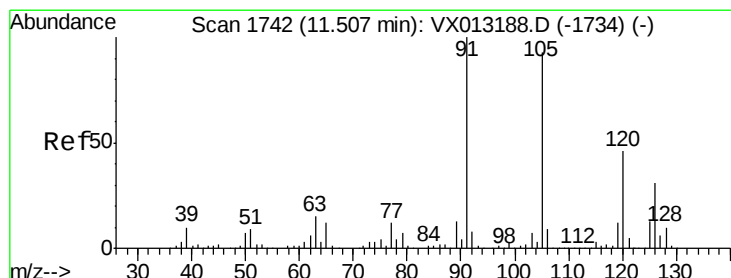
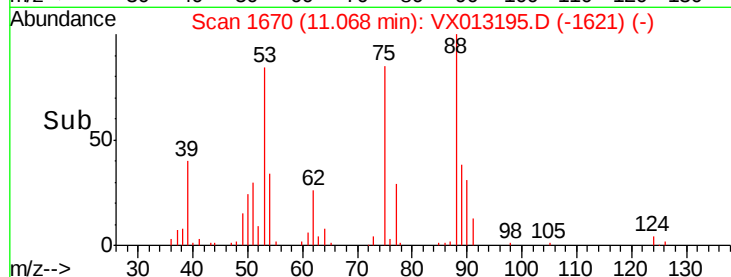
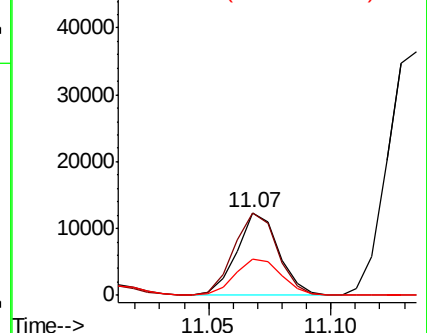
89 48.4 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.874 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013195.D

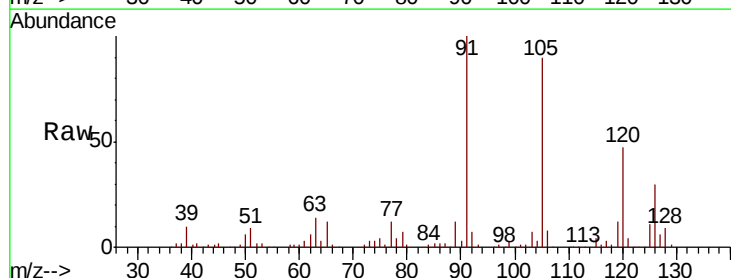
Acq: 23 Oct 2019 18:32

Tgt Ion: 91 Resp: 125484

Ion Ratio Lower Upper

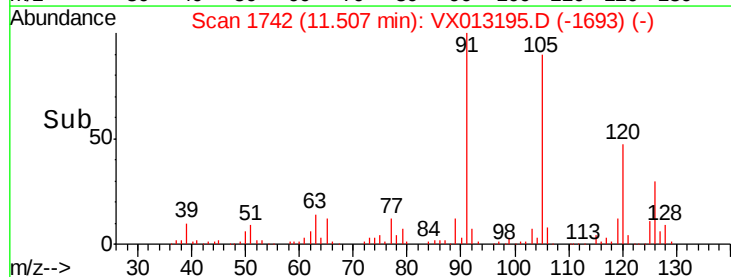
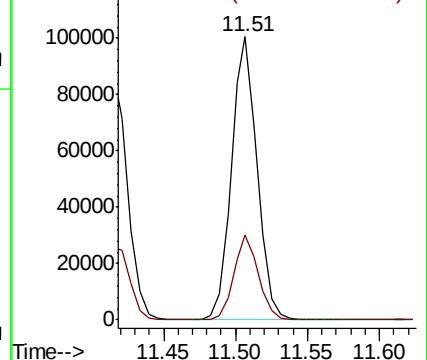
91 100

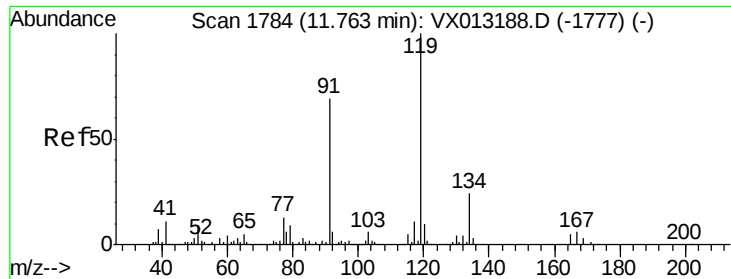
126 28.7 14.6 44.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

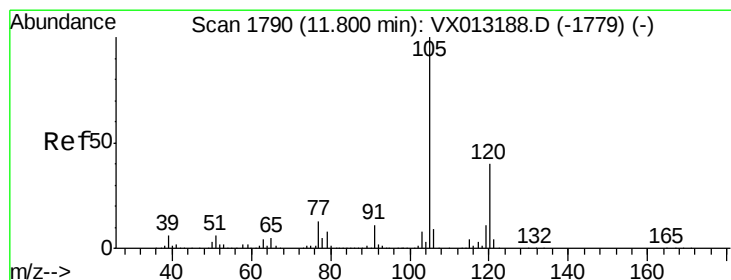
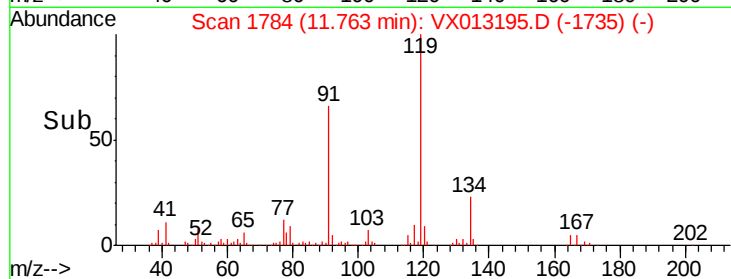
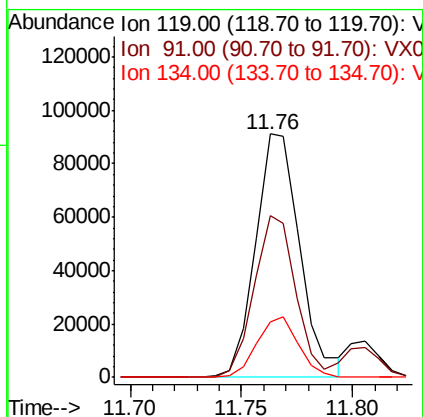
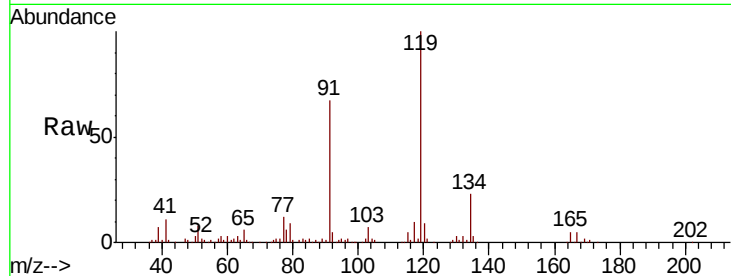




#83
 tert-Butylbenzene
 Concen: 19.878 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

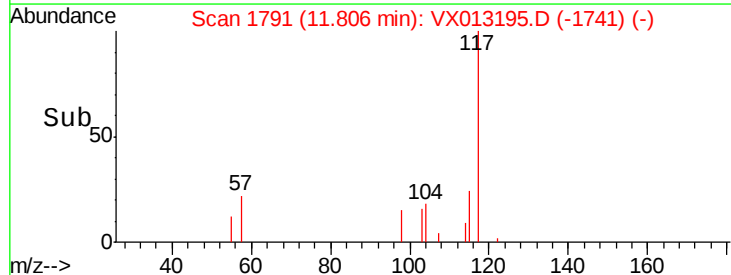
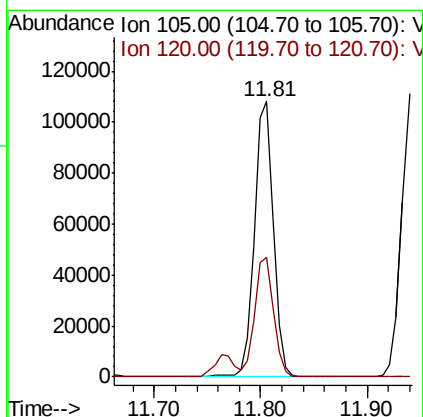
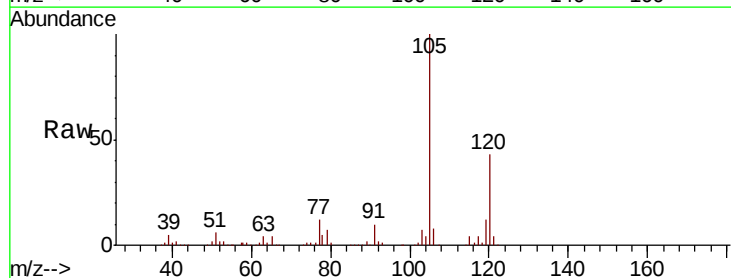
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

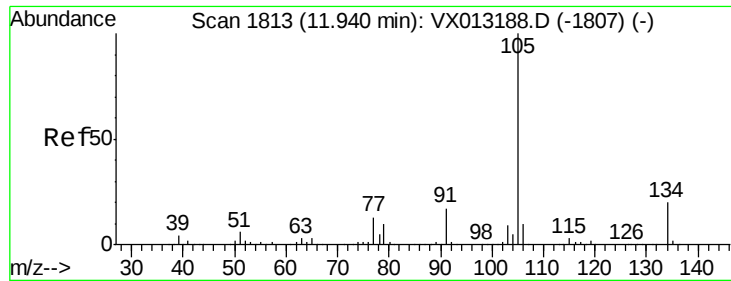
Tot Ion:119 Resp: 126372
 Ion Ratio Lower Upper
 119 100
 91 62.3 30.8 92.4
 134 23.2 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.888 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Tgt Ion:105 Resp: 135383
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.4 64.3





#85

sec-Butylbenzene

Concen: 20.014 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

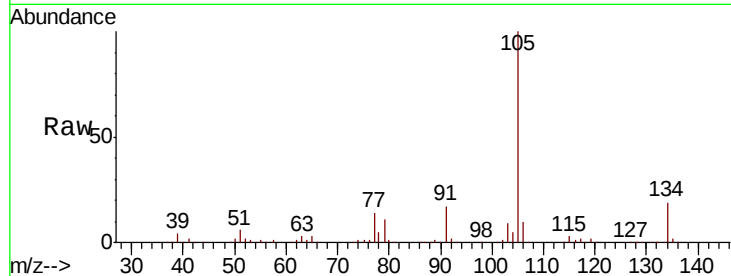
VX1024WBSD02

Tot Ion:105 Resp: 144792

Ion Ratio Lower Upper

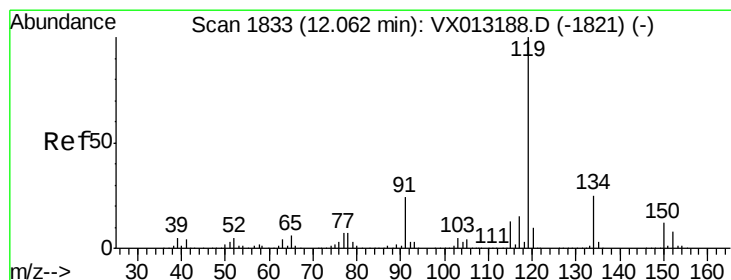
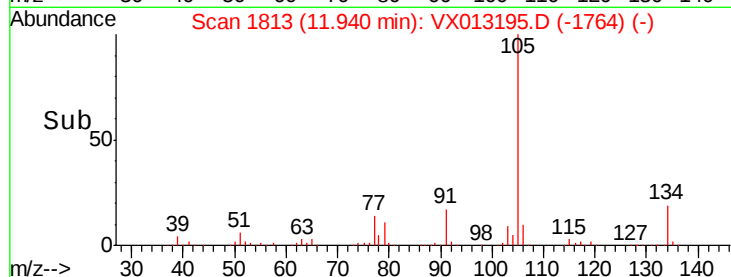
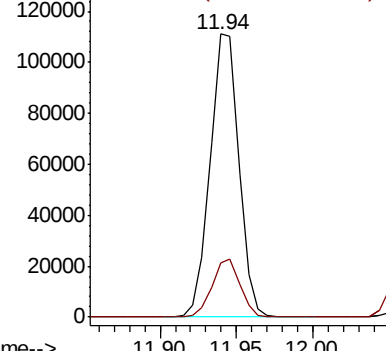
105 100

134 20.0 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.381 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

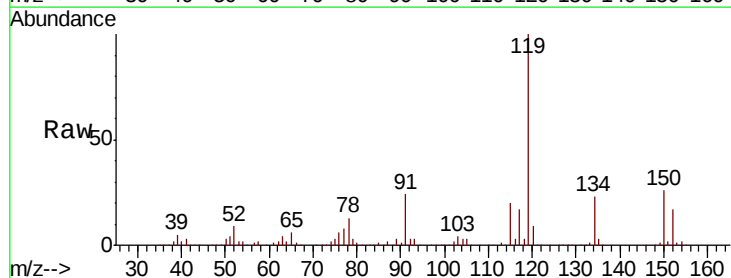
Tgt Ion:119 Resp: 138522

Ion Ratio Lower Upper

119 100

134 23.9 12.5 37.5

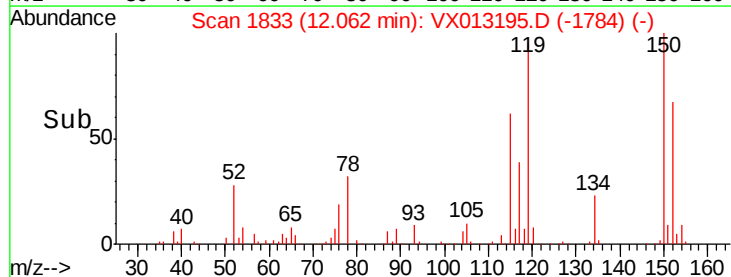
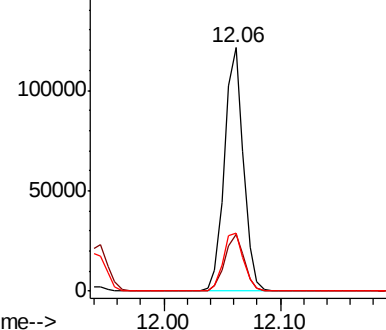
91 25.6 12.4 37.2

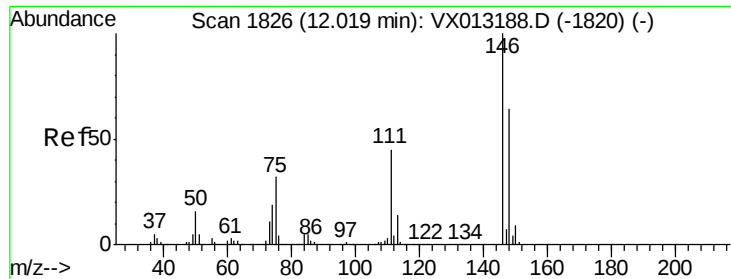


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 20.212 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

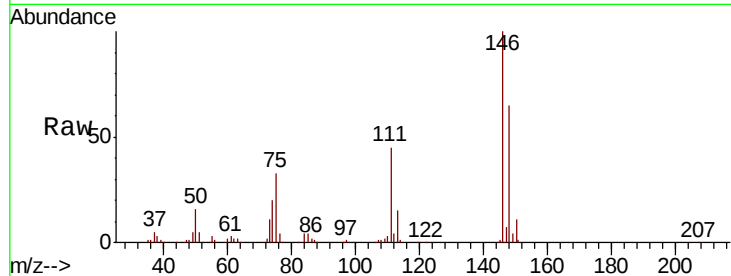
Tot Ion:146 Resp: 67655

Ion Ratio Lower Upper

146 100

111 43.9 21.3 63.9

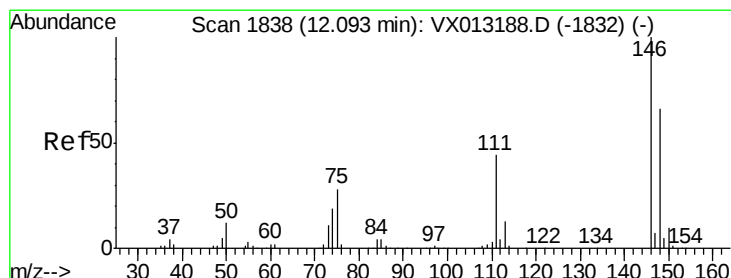
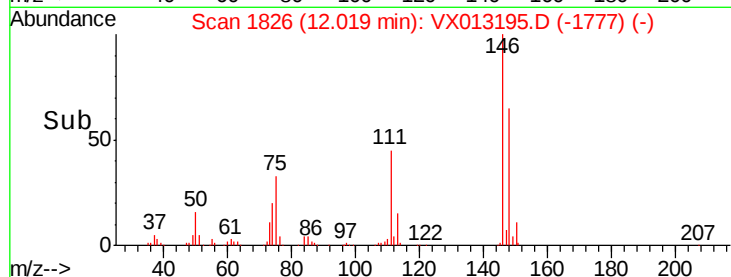
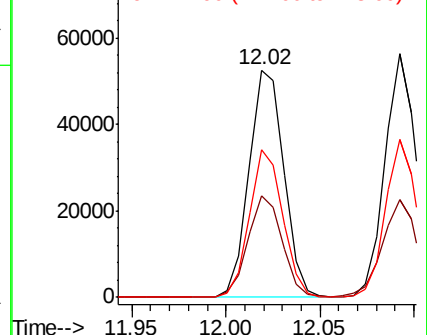
148 62.2 31.6 94.8



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: 19.689 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

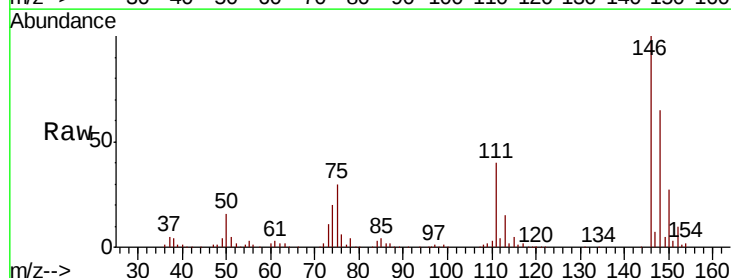
Tgt Ion:146 Resp: 67100

Ion Ratio Lower Upper

146 100

111 42.9 21.3 63.9

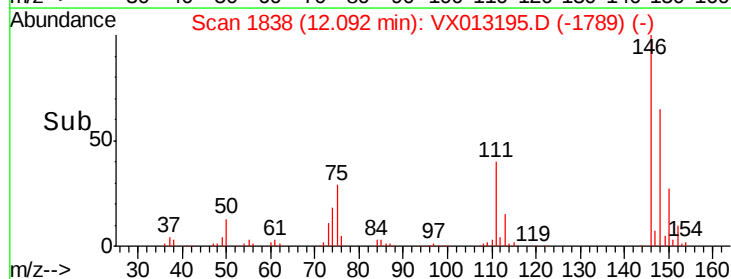
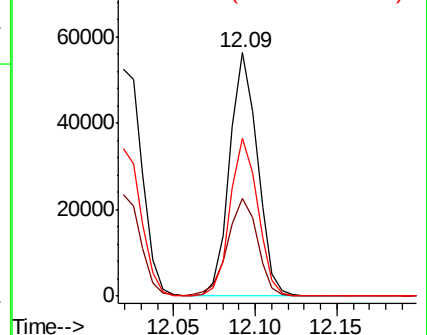
148 64.9 32.5 97.5

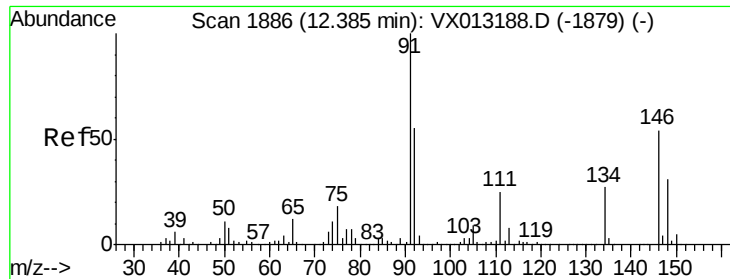


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

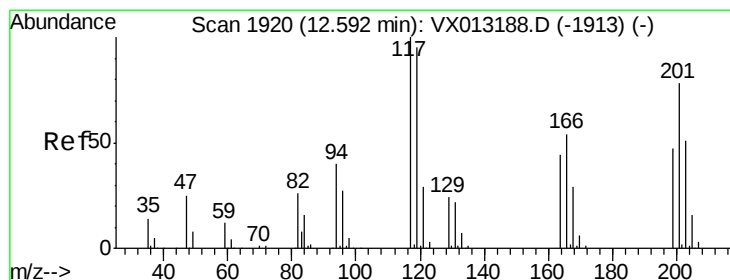
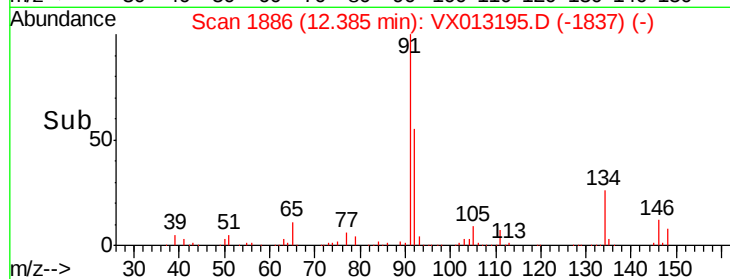
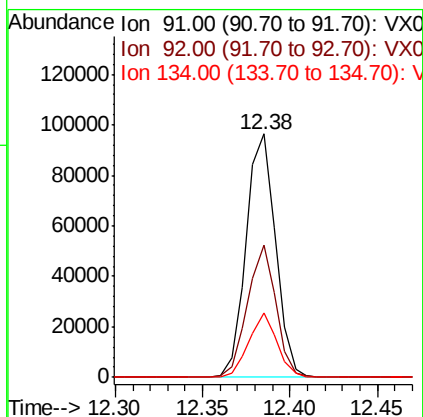
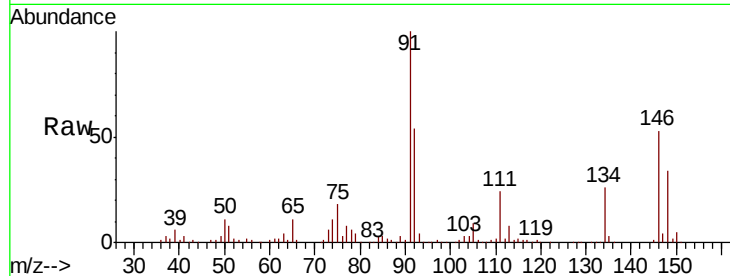




#89
n-Butylbenzene
Concen: 20.331 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

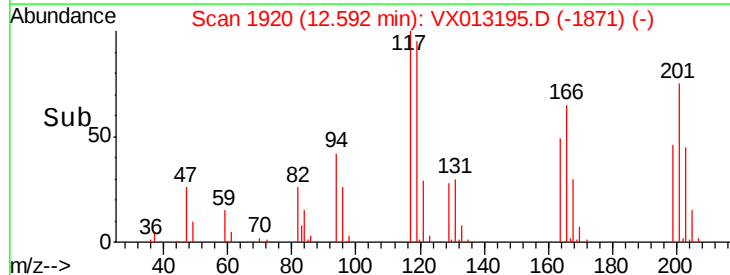
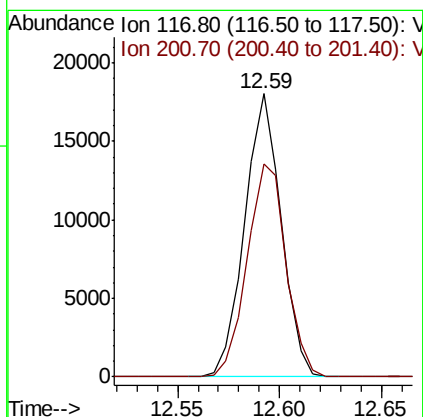
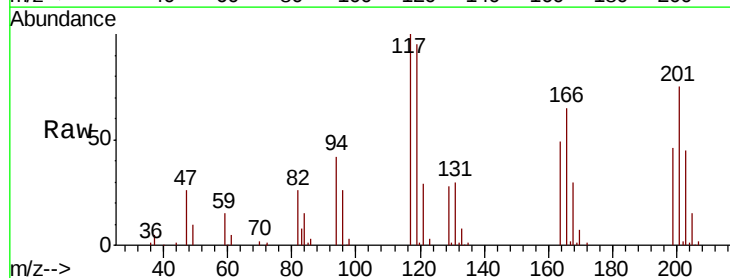
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

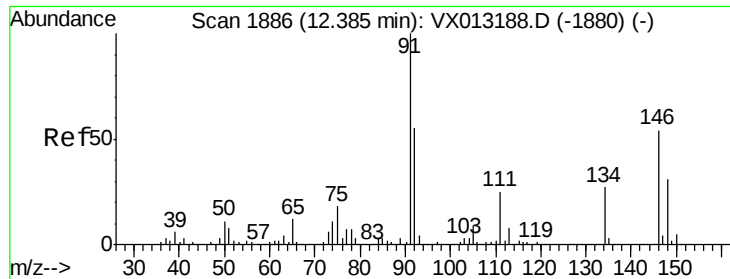
Tot Ion: 91 Resp: 113038
Ion Ratio Lower Upper
91 100
92 52.6 27.7 83.1
134 25.5 13.2 39.6



#90
Hexachloroethane
Concen: 19.684 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion: 117 Resp: 22404
Ion Ratio Lower Upper
117 100
201 80.1 39.0 116.9

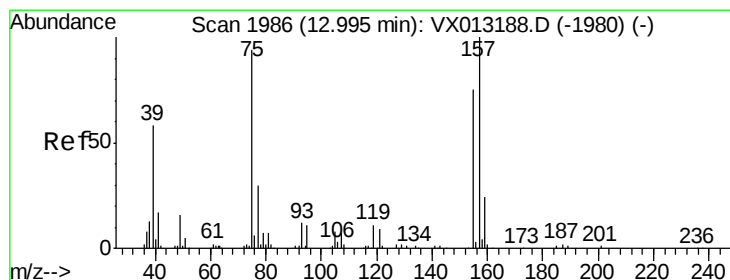
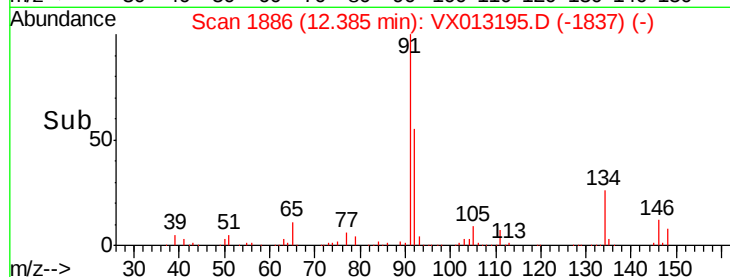
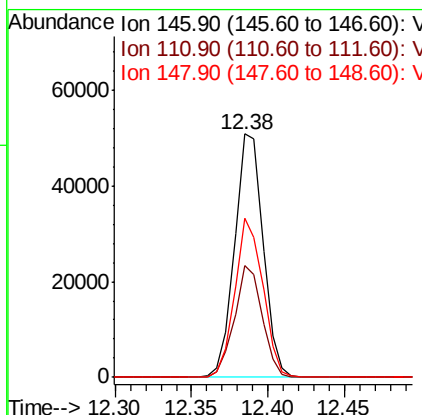
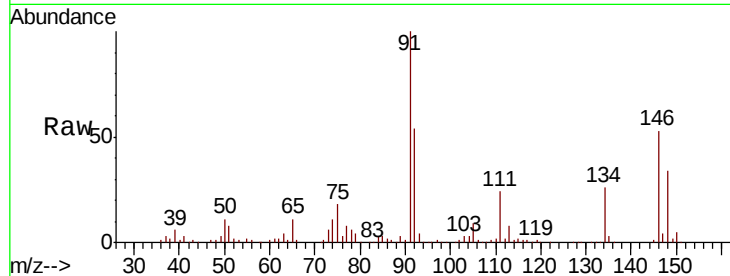




#91
 1,2-Dichlorobenzene
 Concen: 20.042 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

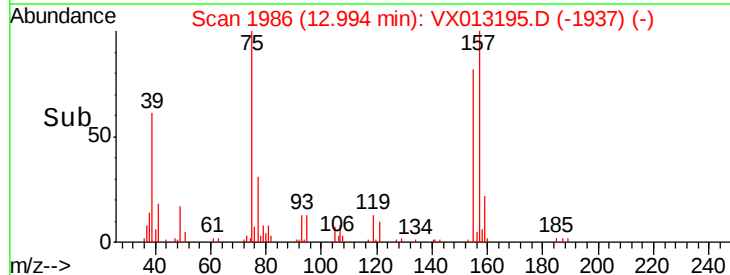
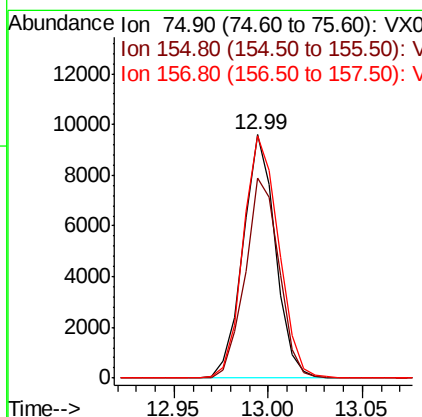
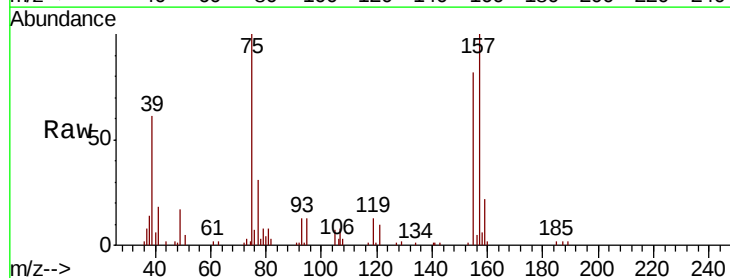
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

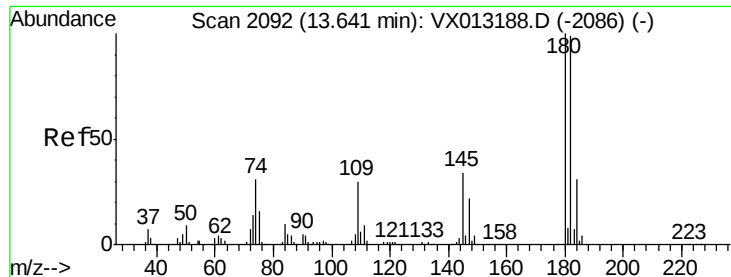
Tot Ion:146 Resp: 65968
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.9 68.8
 148 64.2 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.569 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Tgt Ion: 75 Resp: 11423
 Ion Ratio Lower Upper
 75 100
 155 85.9 42.8 128.4
 157 108.5 54.3 162.8

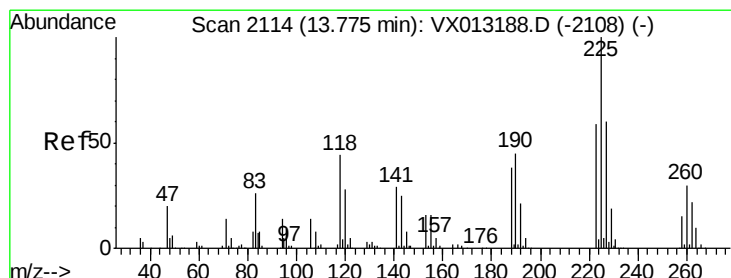
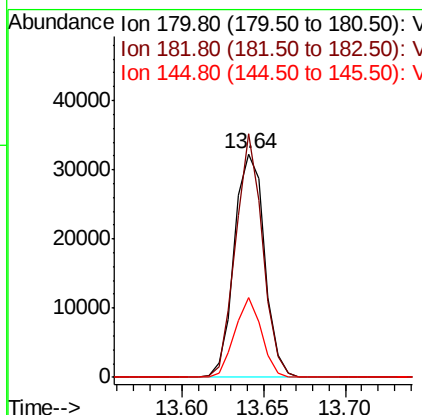
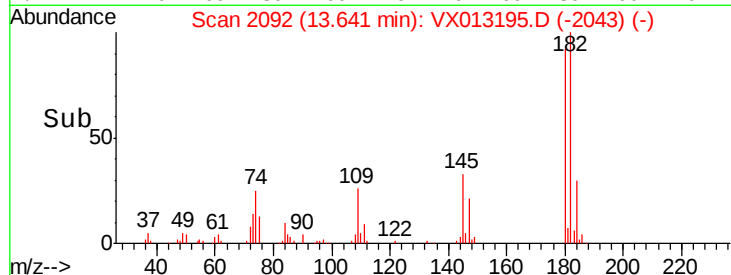
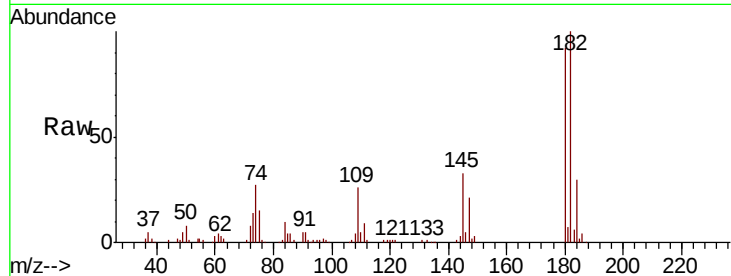




#93
 1,2,4-Trichlorobenzene
 Concen: 20.076 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

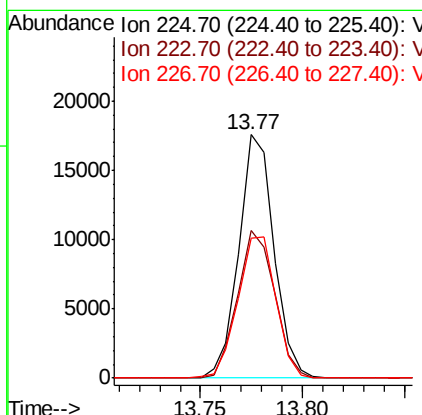
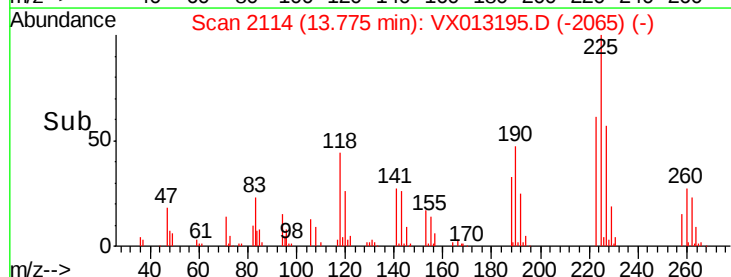
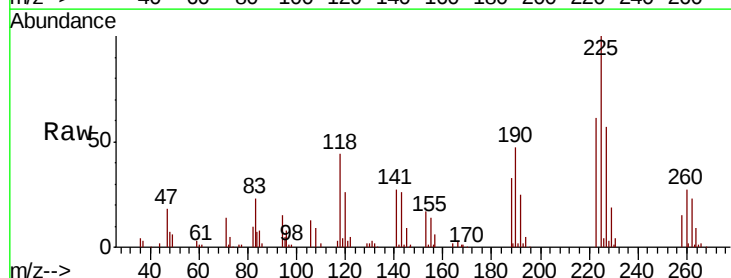
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

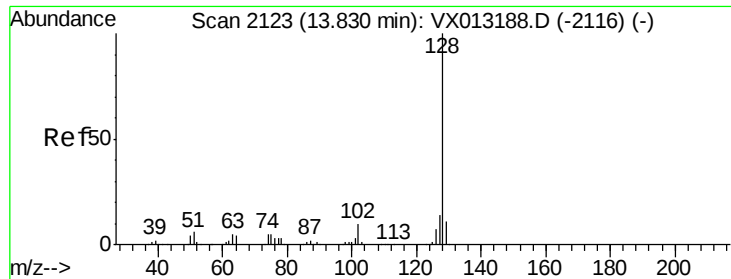
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	45.9	137.6
145	31.6	15.9	47.6



#94
 Hexachlorobutadiene
 Concen: 19.631 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	30.9	92.5
227	62.8	30.3	90.9

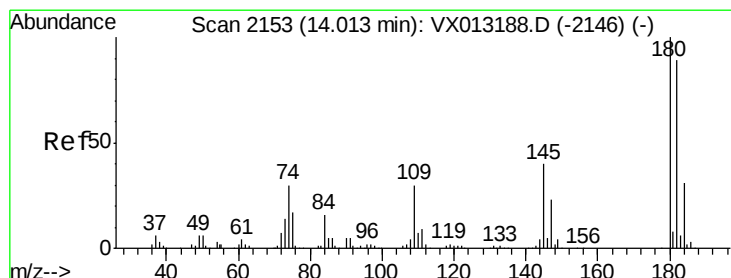
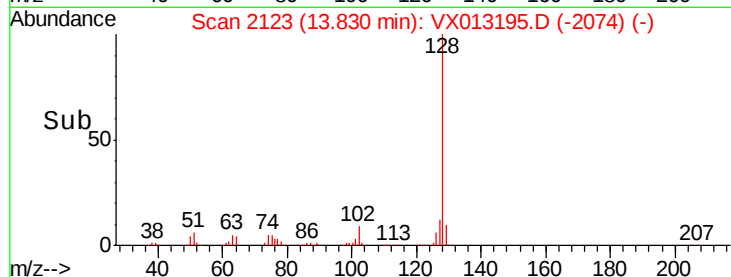
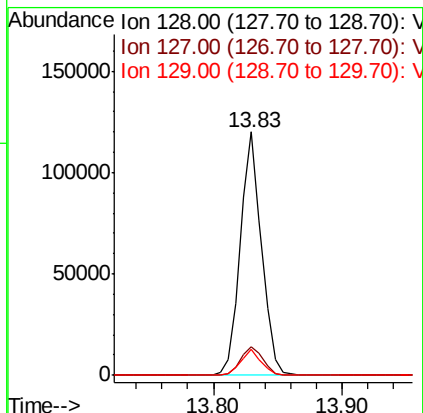
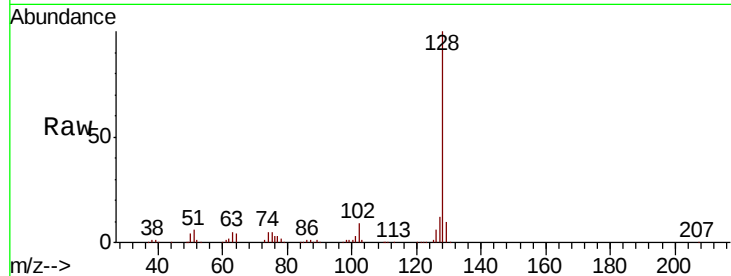




#95
Naphthalene
Concen: 21.444 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

Tot Ion:128 Resp: 136405
Ion Ratio Lower Upper
128 100
127 12.4 10.7 16.1
129 10.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.754 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion:180 Resp: 42505
Ion Ratio Lower Upper
180 100
182 95.1 48.3 144.9
145 33.5 18.6 55.6

