

Data File : VX013189.D
Acq On : 23 Oct 2019 14:45
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Oct 23 15:41:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 15:31:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	85926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	128455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	130154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	90874	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	182627	98.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.72%	
35) Dibromofluoromethane	5.49	113	146277	97.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.24%	
50) Toluene-d8	8.71	98	533572	97.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.96%	
62) 4-Bromofluorobenzene	11.14	95	219290	97.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	165977	93.946	ug/l	100
3) Chloromethane	1.31	50	140839	91.593	ug/l	99
4) Vinyl Chloride	1.40	62	150648	94.747	ug/l	98
5) Bromomethane	1.62	94	77814	91.566	ug/l	99
6) Chloroethane	1.70	64	93514	86.641	ug/l	95
7) Trichlorofluoromethane	1.91	101	249190	96.298	ug/l	100
8) Diethyl Ether	2.18	74	83372	93.873	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	150076	95.946	ug/l	99
10) Methyl Iodide	2.50	142	203081	107.861	ug/l	99
11) Tert butyl alcohol	3.05	59	193627	427.302	ug/l	99
12) 1,1-Dichloroethene	2.36	96	144468	97.196	ug/l	96
13) Acrolein	2.28	56	117300	450.721	ug/l	98
14) Allyl chloride	2.72	41	229037	98.679	ug/l	98
15) Acrylonitrile	3.13	53	391527	475.461	ug/l	100
16) Acetone	2.44	43	416565	483.313	ug/l	99
17) Carbon Disulfide	2.56	76	384453	96.669	ug/l	100
18) Methyl Acetate	2.76	43	185559	94.449	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	508108	98.662	ug/l	97
20) Methylene Chloride	2.84	84	159519	88.422	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	154662	94.711	ug/l	100
22) Diisopropyl ether	3.84	45	436559	96.498	ug/l	100
23) Vinyl Acetate	3.80	43	1962048	498.366	ug/l	99
24) 1,1-Dichloroethane	3.69	63	271862	98.083	ug/l	99
25) 2-Butanone	4.66	43	562800	478.756	ug/l	100
26) 2,2-Dichloropropane	4.57	77	258505	103.518	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	176917	96.900	ug/l	99
28) Bromochloromethane	5.00	49	74372	100.365	ug/l	100
29) Tetrahydrofuran	5.12	42	329021	466.512	ug/l	98
30) Chloroform	5.20	83	288210	96.216	ug/l	99
31) Cyclohexane	5.57	56	231616	96.338	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	268938	100.081	ug/l	100
36) 1,1-Dichloropropene	5.79	75	211768	92.005	ug/l	99
37) Ethyl Acetate	4.83	43	206880	90.969	ug/l	99
38) Carbon Tetrachloride	5.78	117	231137	98.452	ug/l	97

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	258279	94.631	ug/l	99
40) Benzene	6.14	78	618712	94.531	ug/l	98
41) Methacrylonitrile	5.03	41	113918	94.561	ug/l	99
42) 1,2-Dichloroethane	6.18	62	234627	95.412	ug/l	100
43) Isopropyl Acetate	6.43	43	351030	96.747	ug/l	100
44) Trichloroethene	7.21	130	170991	92.218	ug/l	99
45) 1,2-Dichloropropane	7.51	63	152866	94.102	ug/l	98
46) Dibromomethane	7.65	93	109546	95.544	ug/l	98
47) Bromodichloromethane	7.89	83	231108	102.297	ug/l	100
48) Methyl methacrylate	7.76	41	174497	99.170	ug/l	99
49) 1,4-Dioxane	7.73	88	82308	1717.477	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1065930	479.375	ug/l	100
52) Toluene	8.78	92	405583	96.040	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	259893	107.426	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	276021	103.429	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	163360	95.673	ug/l	97
56) Ethyl methacrylate	9.17	69	266900	102.123	ug/l	99
57) 1,3-Dichloropropane	9.37	76	271345	96.076	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	540634	527.073	ug/l	100
59) 2-Hexanone	9.49	43	836898	479.823	ug/l	99
60) Dibromochloromethane	9.58	129	187018	106.720	ug/l	99
61) 1,2-Dibromoethane	9.67	107	174418	95.560	ug/l	99
64) Tetrachloroethene	9.33	164	159622	90.301	ug/l	98
65) Chlorobenzene	10.14	112	433729	95.393	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	171032	102.692	ug/l	100
67) Ethyl Benzene	10.25	91	798561	98.251	ug/l	99
68) m/p-Xylenes	10.35	106	596384	194.129	ug/l	100
69) o-Xylene	10.70	106	291768	97.488	ug/l	100
70) Styrene	10.71	104	511727	101.622	ug/l	99
71) Bromoform	10.85	173	136732	113.652	ug/l #	100
73) Isopropylbenzene	11.01	105	791145	97.157	ug/l	99
74) N-amyl acetate	10.89	43	306219	100.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	240888	95.529	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	293854	139.668	ug/l	80
77) Bromobenzene	11.25	156	194282	100.855	ug/l	95
78) n-propylbenzene	11.35	91	889221	101.915	ug/l	100
79) 2-Chlorotoluene	11.42	91	528161	94.071	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	695365	102.057	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	89838	109.191	ug/l	98
82) 4-Chlorotoluene	11.51	91	615544	96.179	ug/l	100
83) tert-Butylbenzene	11.76	119	645110	96.938	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	700649	100.340	ug/l	100
85) sec-Butylbenzene	11.94	105	777027	101.459	ug/l	99
86) p-Isopropyltoluene	12.06	119	733528	101.894	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	348927	97.092	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	344246	94.338	ug/l	99
89) n-Butylbenzene	12.39	91	614886	103.314	ug/l	99
90) Hexachloroethane	12.59	117	129070	105.345	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	328281	93.950	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	60785	99.782	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102419\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	210186	94.767	ug/l	97
94) Hexachlorobutadiene	13.78	225	109124	97.038	ug/l	98
95) Naphthalene	13.83	128	678357	97.842	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	216821	97.337	ug/l	97

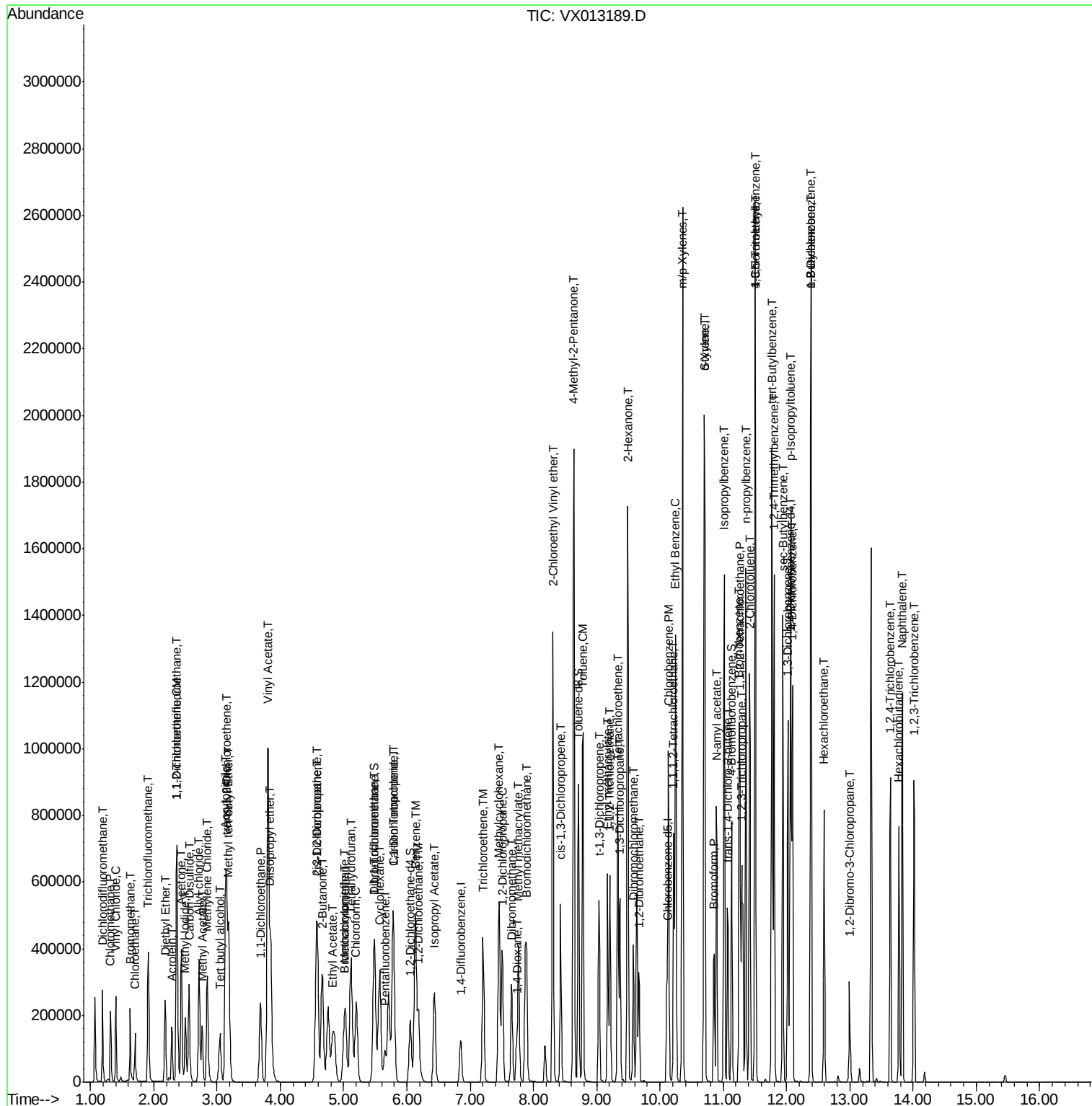
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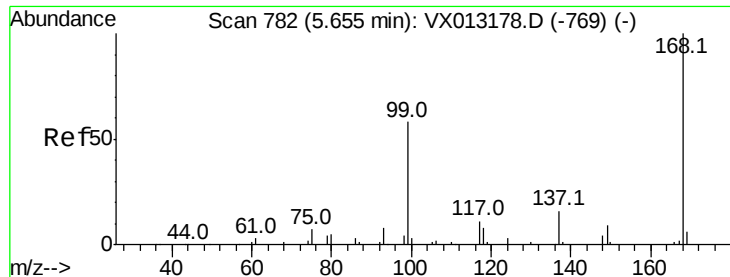
Data File : VX013189.D

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Acq On       : 23 Oct 2019   14:45
Operator    : JC/SP
Sample      : VSTDICC100
Misc        : 5.0mL/MSVOA_X/WATER
ALS Vial     : 8      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Oct 23 15:41:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 15:31:04 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

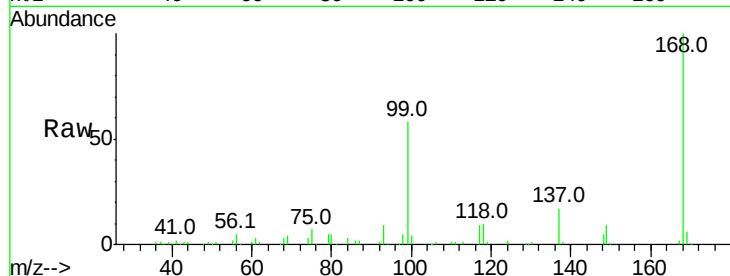
VSTDIC100

Tgt Ion:168 Resp: 85926

Ion Ratio Lower Upper

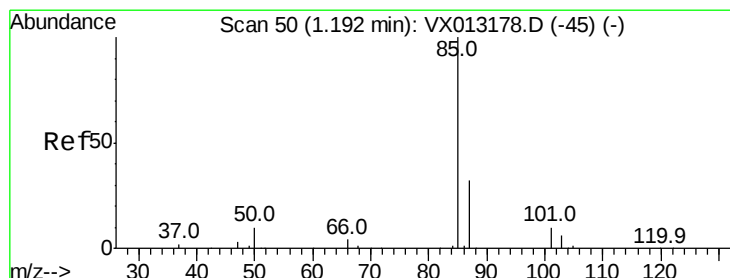
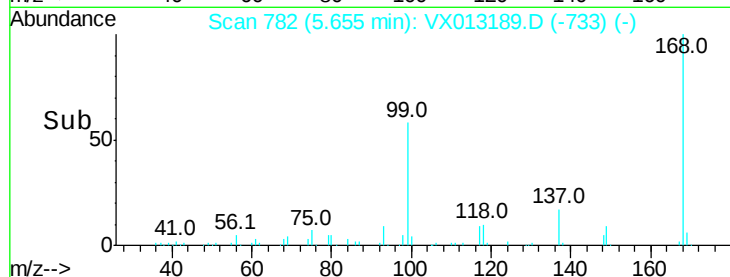
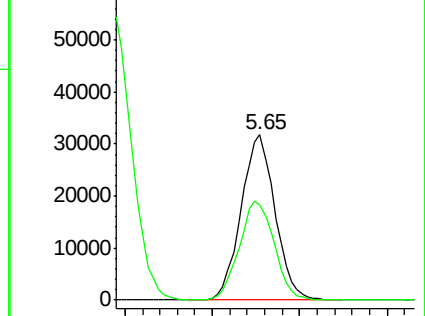
168 100

99 57.4 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 93.946 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013189.D

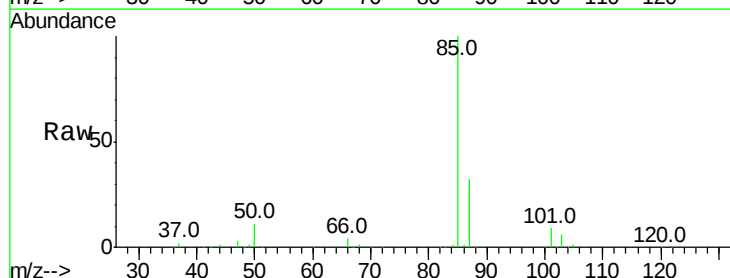
Acq: 23 Oct 2019 14:45

Tgt Ion: 85 Resp: 165977

Ion Ratio Lower Upper

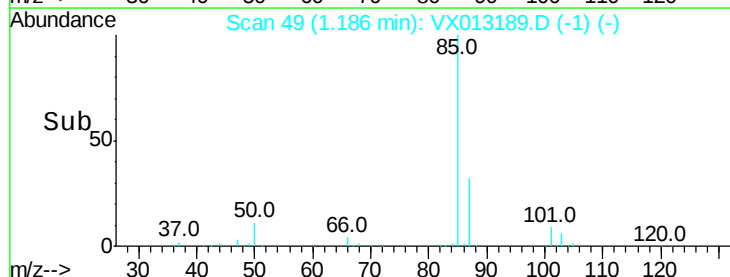
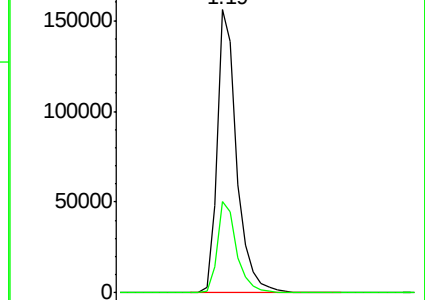
85 100

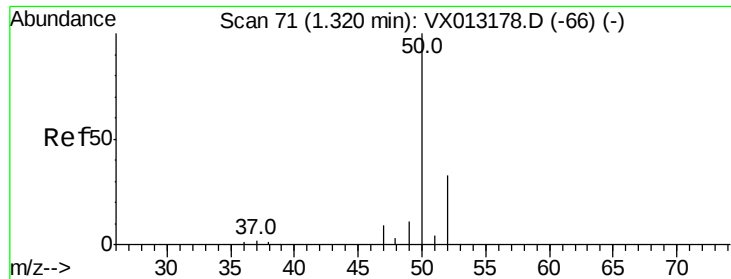
87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 91.593 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampled :

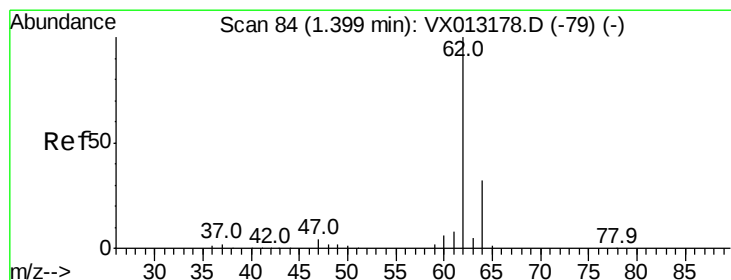
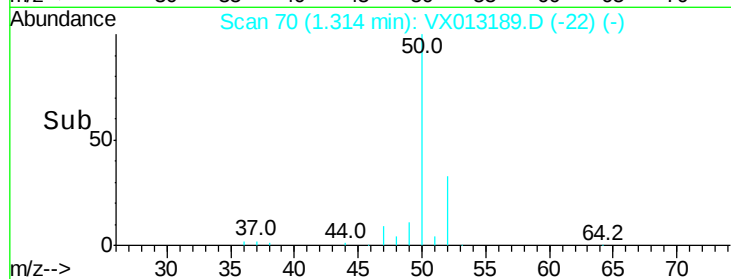
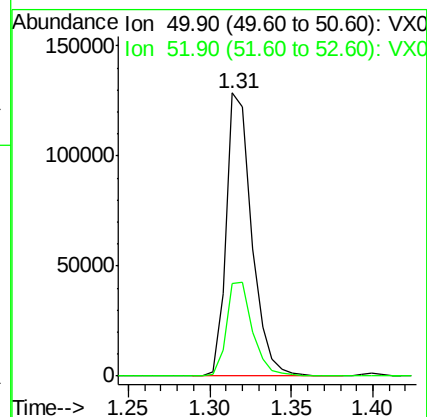
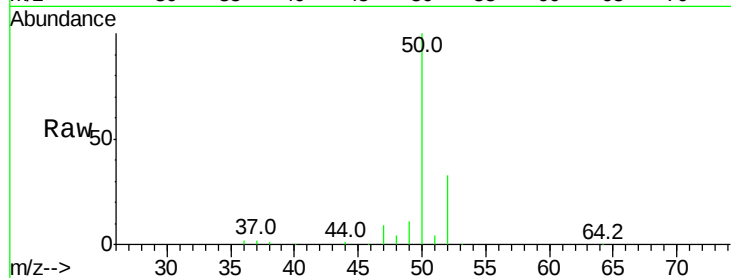
VSTDIC100

Tgt Ion: 50 Resp: 140839

Ion Ratio Lower Upper

50 100

52 32.9 26.6 39.8



#4

Vinyl Chloride

Concen: 94.747 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013189.D

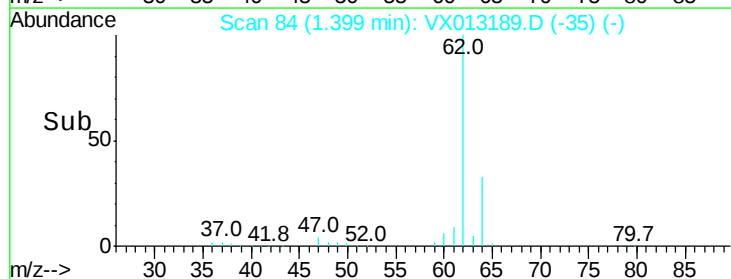
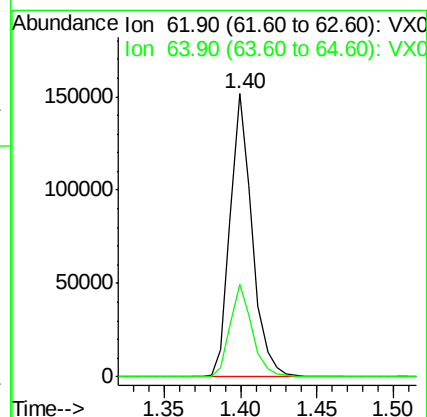
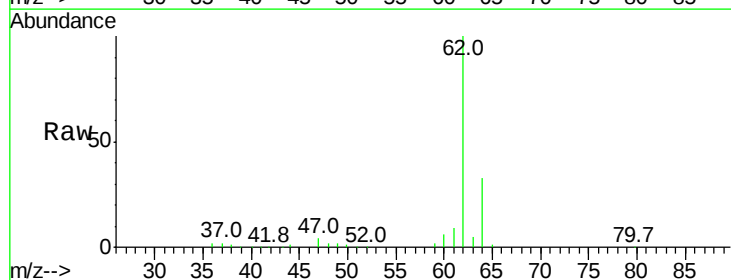
Acq: 23 Oct 2019 14:45

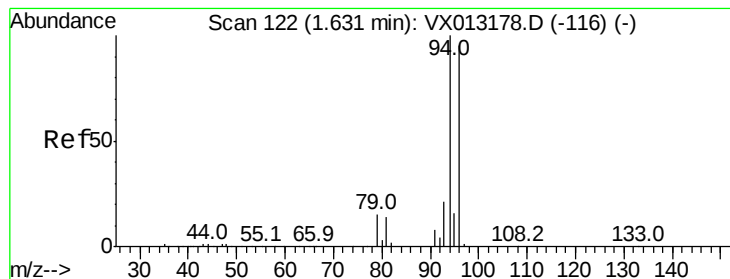
Tgt Ion: 62 Resp: 150648

Ion Ratio Lower Upper

62 100

64 32.8 25.2 37.8





#5

Bromomethane

Concen: 91.566 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

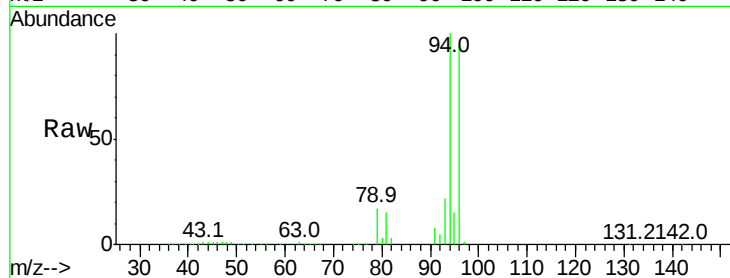
VSTDIC100

Tgt Ion: 94 Resp: 77814

Ion Ratio Lower Upper

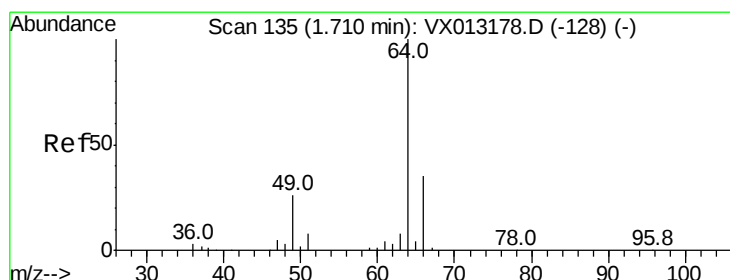
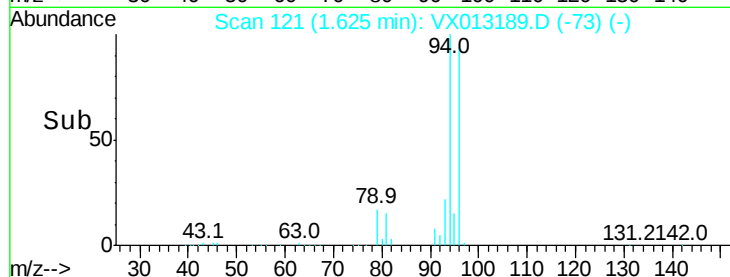
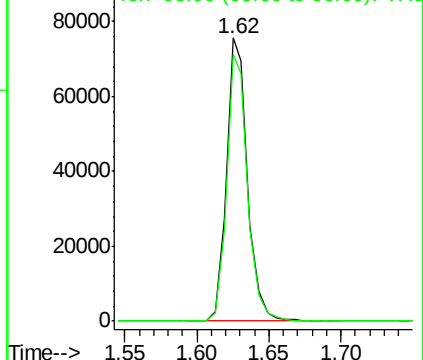
94 100

96 94.1 75.8 113.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 86.641 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX013189.D

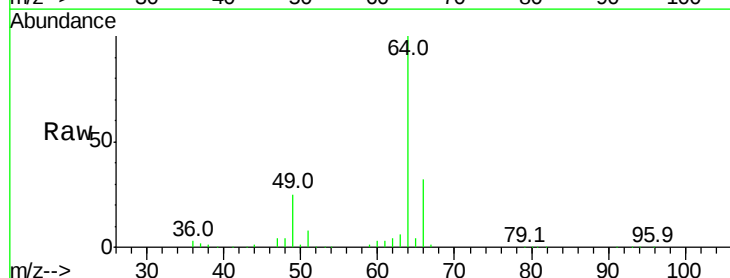
Acq: 23 Oct 2019 14:45

Tgt Ion: 64 Resp: 93514

Ion Ratio Lower Upper

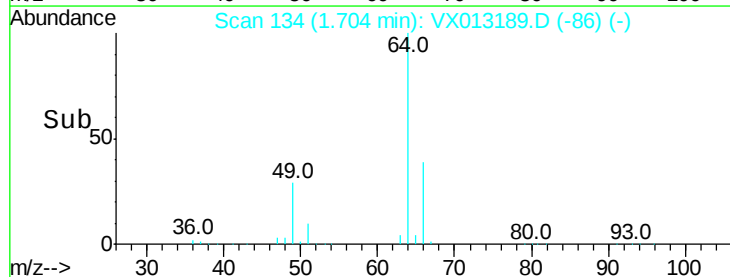
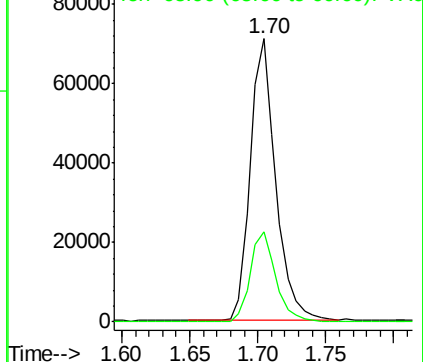
64 100

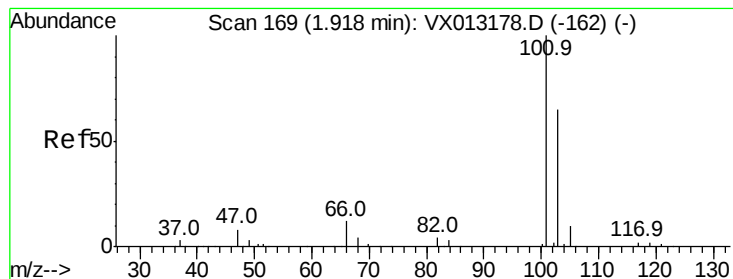
66 31.9 27.8 41.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



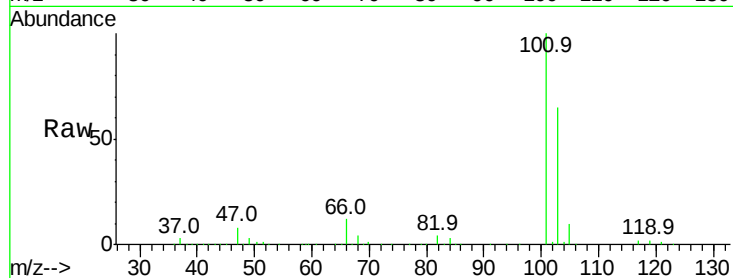


#7

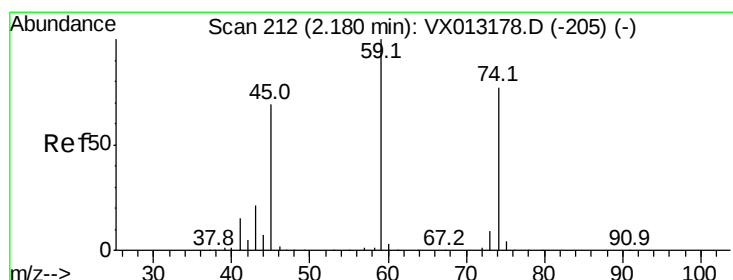
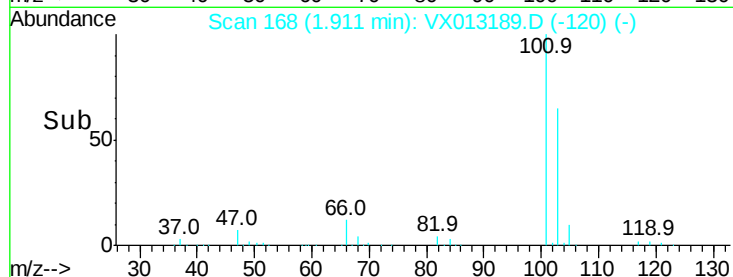
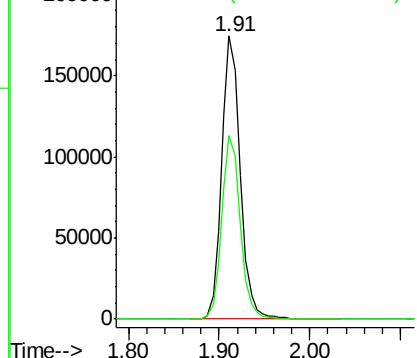
Trichlorofluoromethane
Concen: 96.298 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 101 Resp: 249190
Ion Ratio Lower Upper
101 100
103 64.8 51.9 77.9



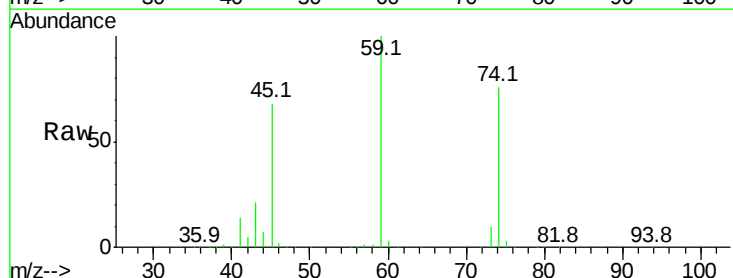
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



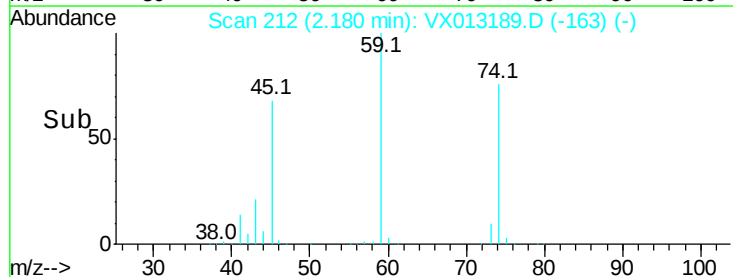
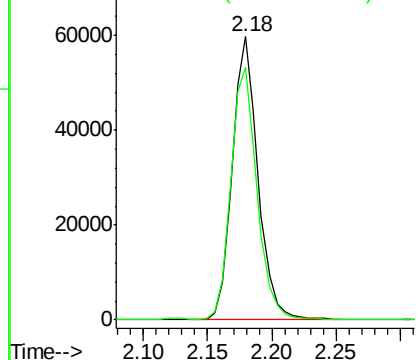
#8

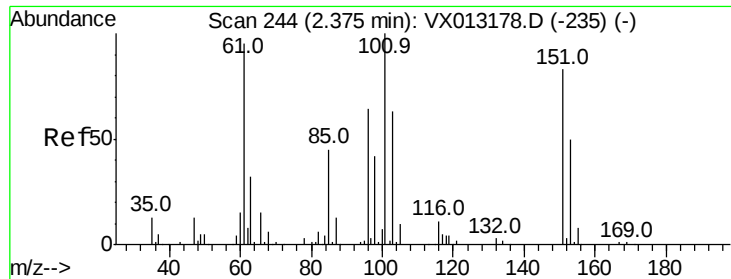
Diethyl Ether
Concen: 93.873 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

Tgt Ion: 74 Resp: 83372
Ion Ratio Lower Upper
74 100
45 91.0 44.1 132.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 95.946 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

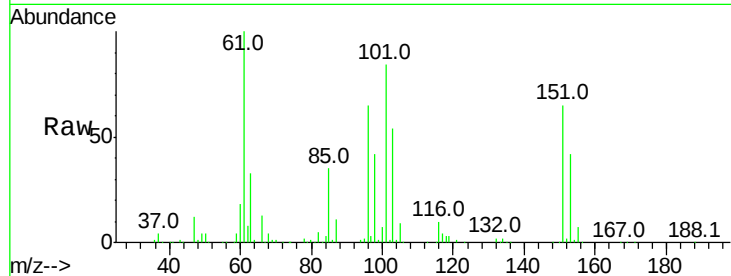
Tgt Ion:101 Resp: 150076

Ion Ratio Lower Upper

101 100

85 42.1 35.0 52.4

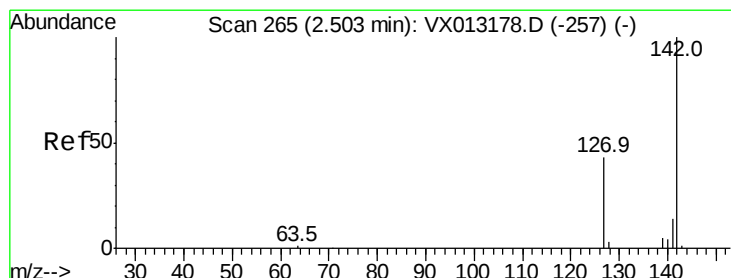
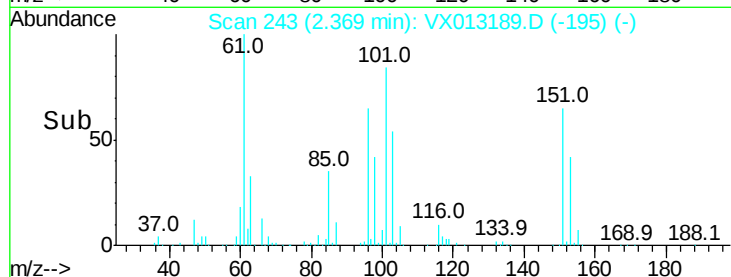
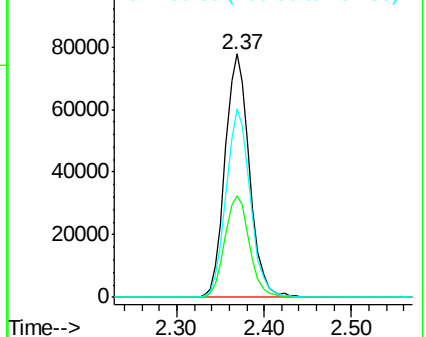
151 77.4 62.5 93.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 107.861 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

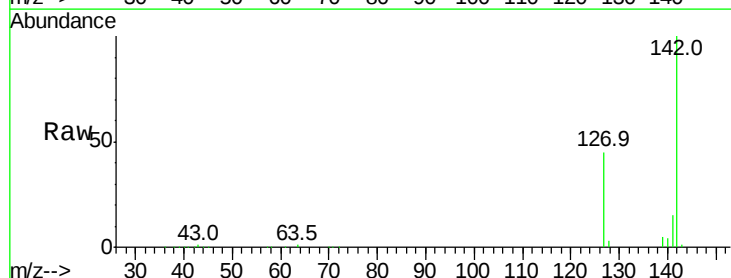
Tgt Ion:142 Resp: 203081

Ion Ratio Lower Upper

142 100

127 44.2 36.2 54.4

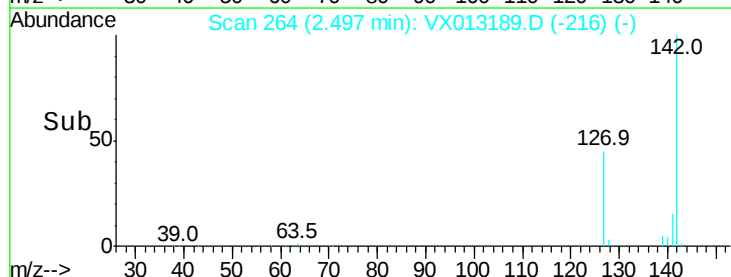
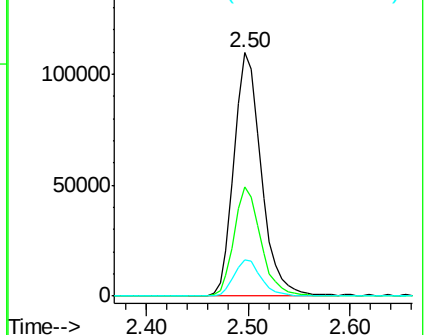
141 14.8 11.8 17.6

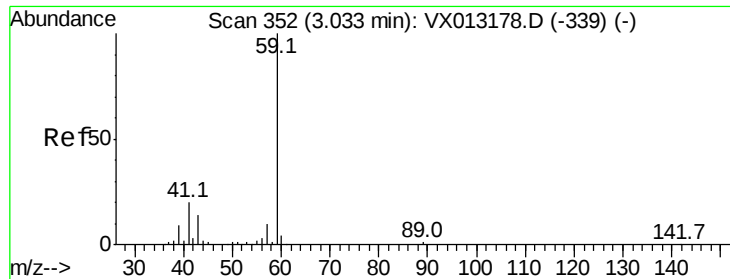


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

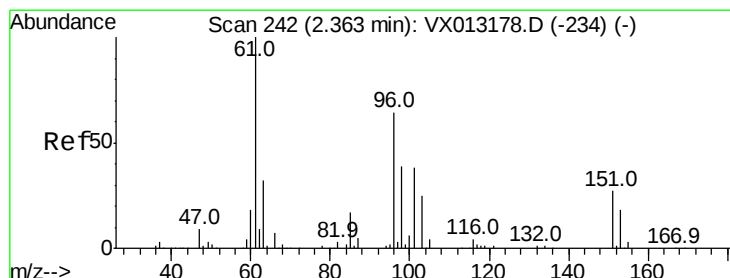
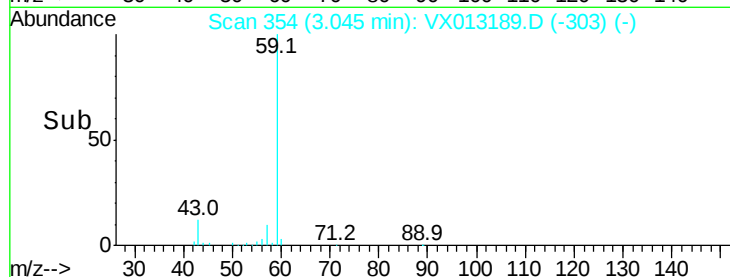
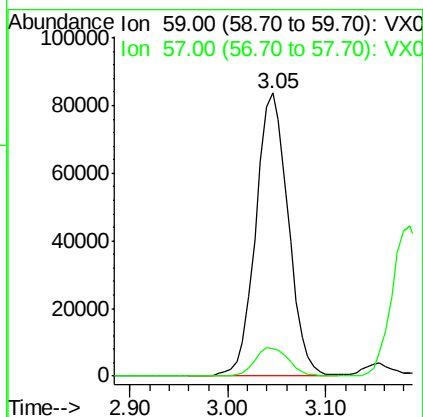
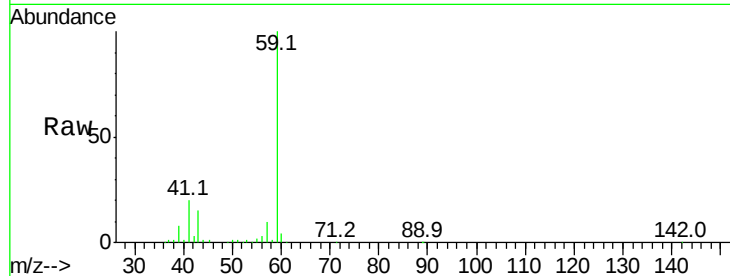




#11
Tert butyl alcohol
Concen: 427.302 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

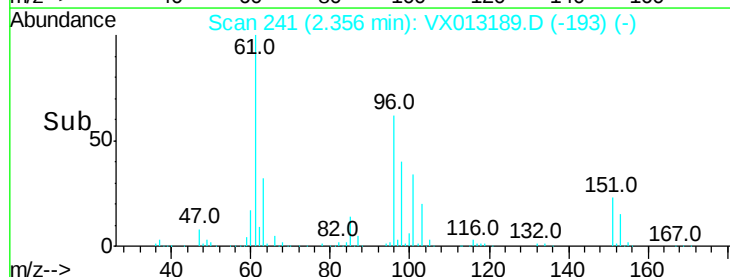
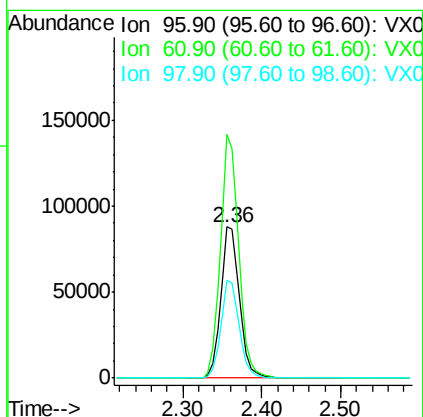
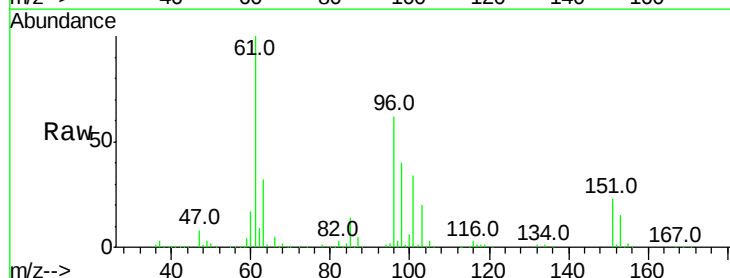
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

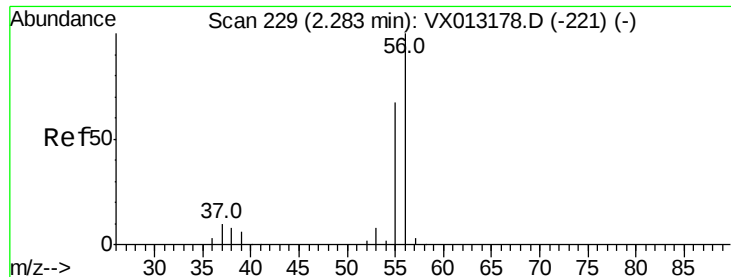
Tgt Ion: 59 Resp: 193627
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 97.196 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

Tgt Ion: 96 Resp: 144468
Ion Ratio Lower Upper
96 100
61 161.0 125.4 188.2
98 64.8 49.0 73.6





#13

Acrolein

Concen: 450.721 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

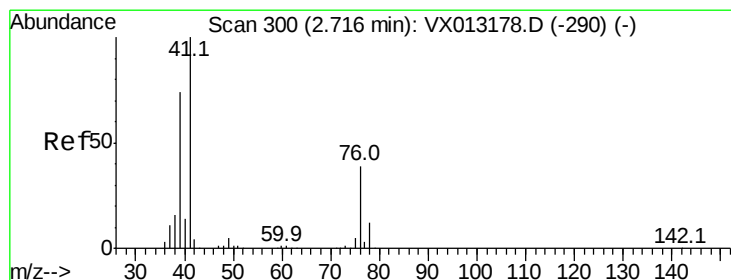
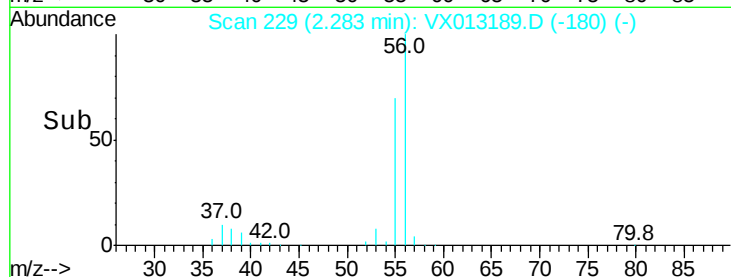
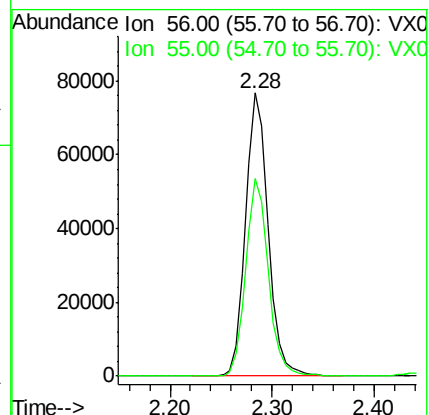
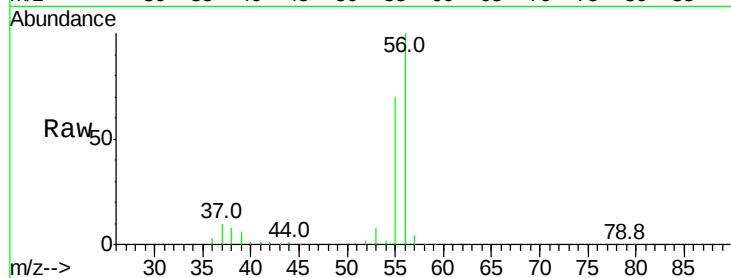
VSTDIC100

Tgt Ion: 56 Resp: 117300

Ion Ratio Lower Upper

56 100

55 70.2 55.0 82.4



#14

Allyl chloride

Concen: 98.679 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

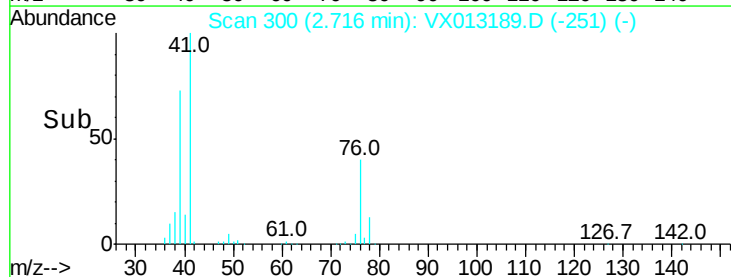
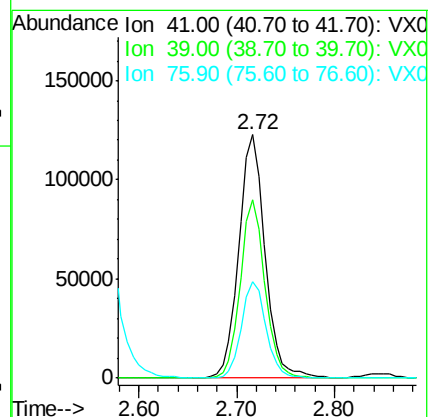
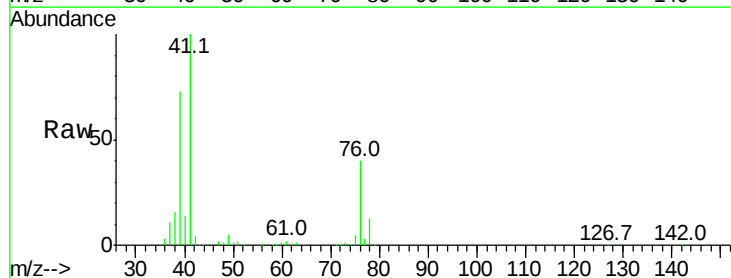
Tgt Ion: 41 Resp: 229037

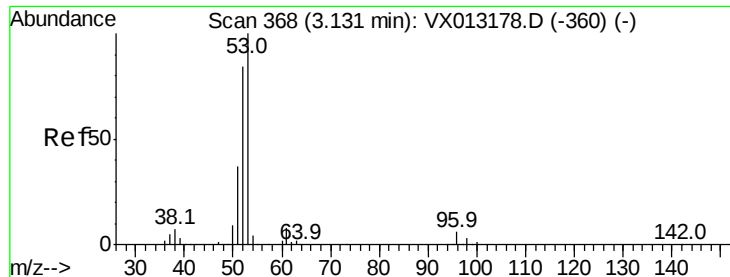
Ion Ratio Lower Upper

41 100

39 68.8 54.2 81.4

76 37.6 29.1 43.7





#15

Acrylonitrile

Concen: 475.461 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

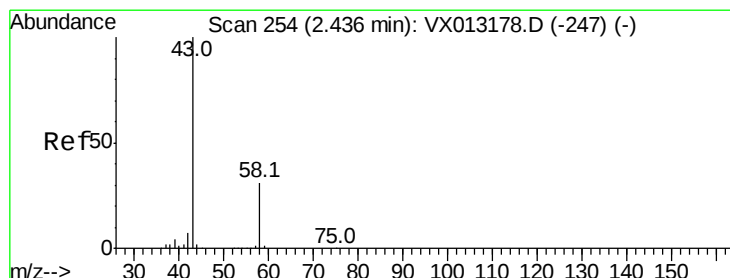
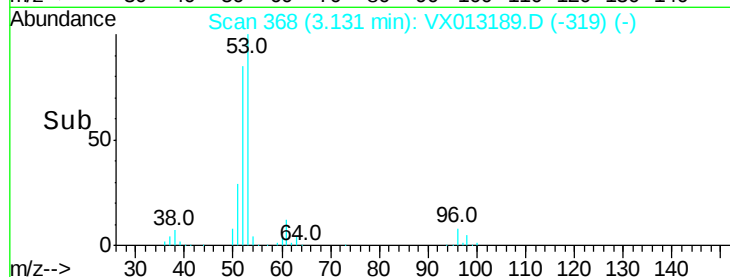
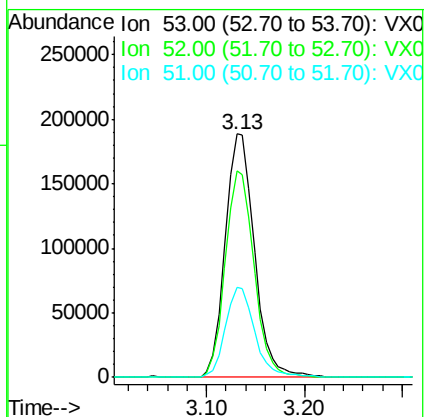
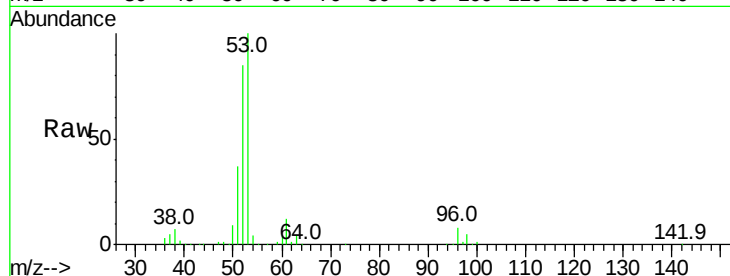
Tgt Ion: 53 Resp: 391527

Ion Ratio Lower Upper

53 100

52 83.6 66.9 100.3

51 37.1 29.9 44.9



#16

Acetone

Concen: 483.313 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013189.D

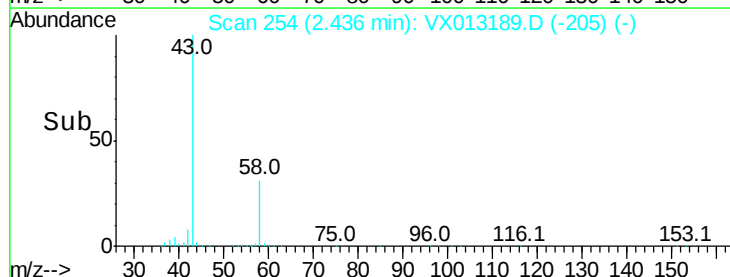
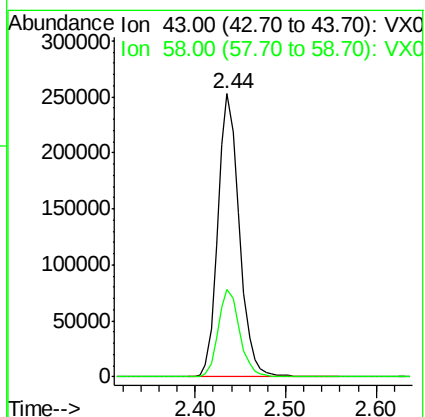
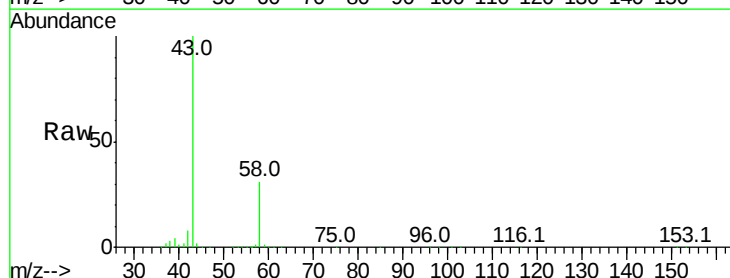
Acq: 23 Oct 2019 14:45

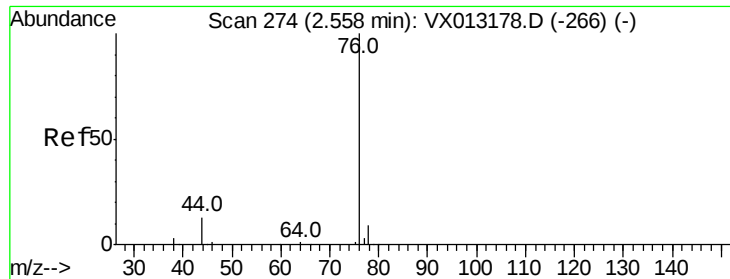
Tgt Ion: 43 Resp: 416565

Ion Ratio Lower Upper

43 100

58 31.1 25.1 37.7

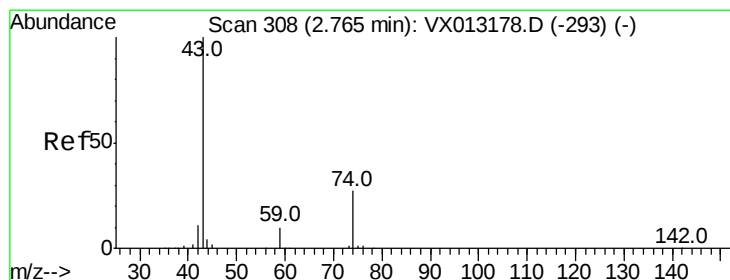
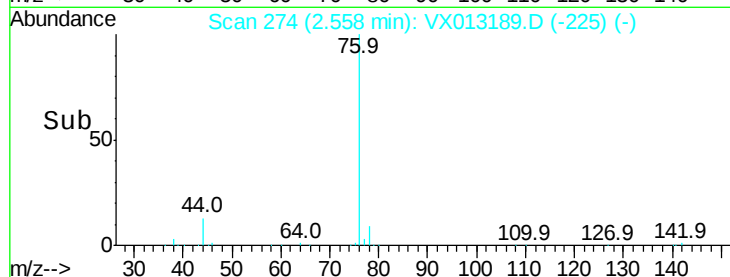
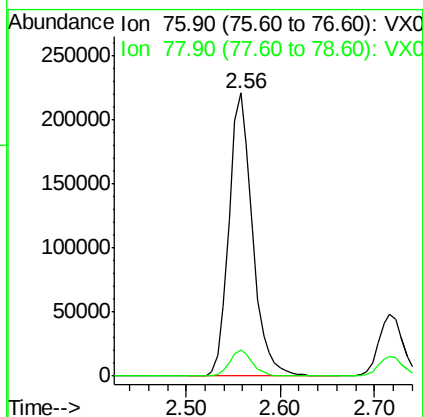
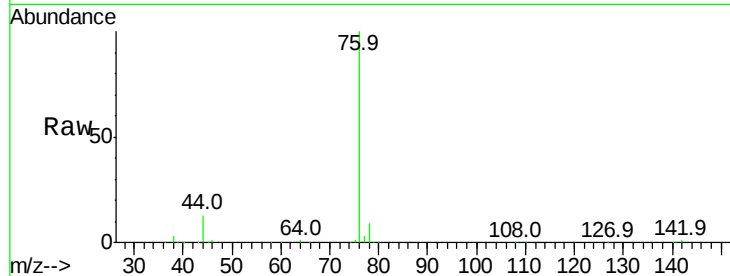




#17
Carbon Disulfide
Concen: 96.669 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

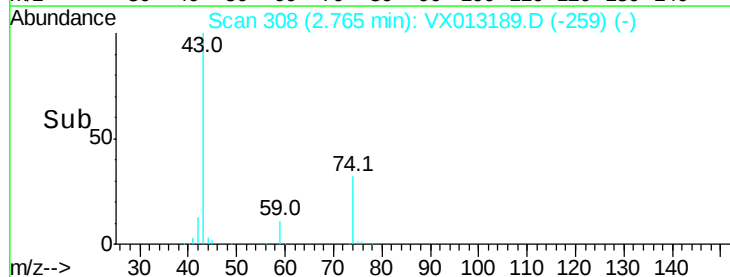
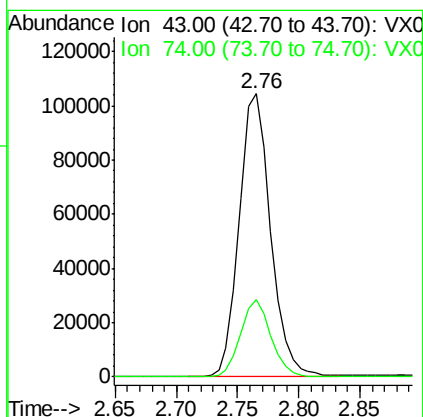
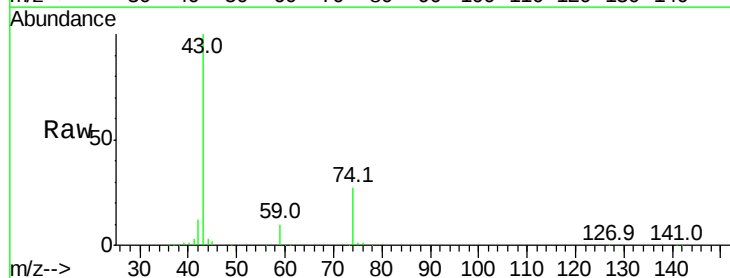
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

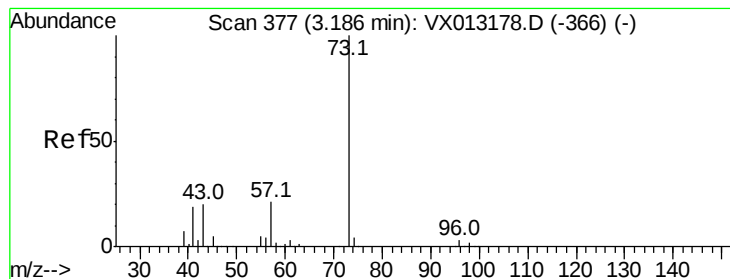
Tgt Ion: 76 Resp: 384453
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 94.449 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

Tgt Ion: 43 Resp: 185559
Ion Ratio Lower Upper
43 100
74 27.1 21.0 31.4





#19

Methyl tert-butyl Ether

Concen: 98.662 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

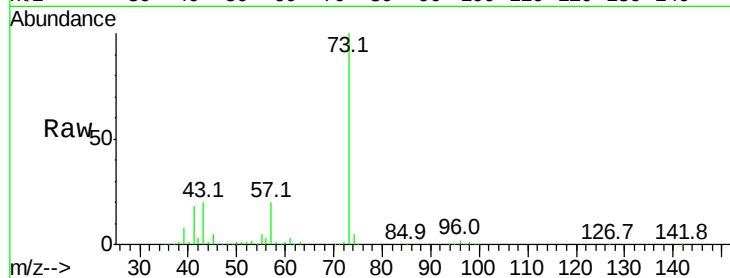
VSTDIC100

Tgt Ion: 73 Resp: 508108

Ion Ratio Lower Upper

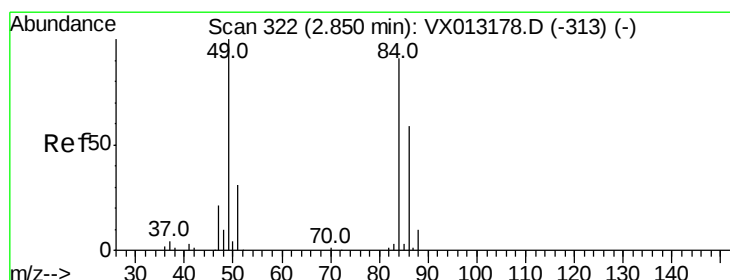
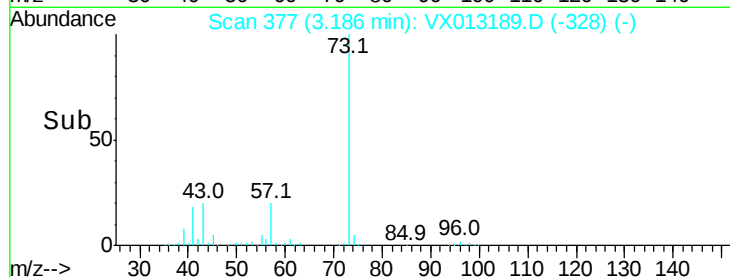
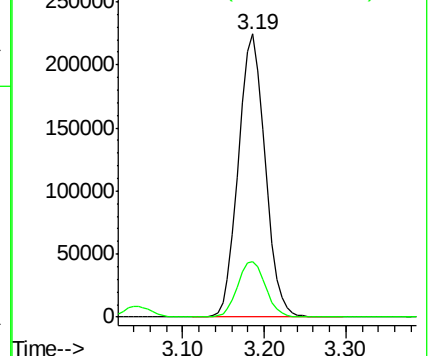
73 100

57 19.8 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 88.422 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Tgt Ion: 84 Resp: 159519

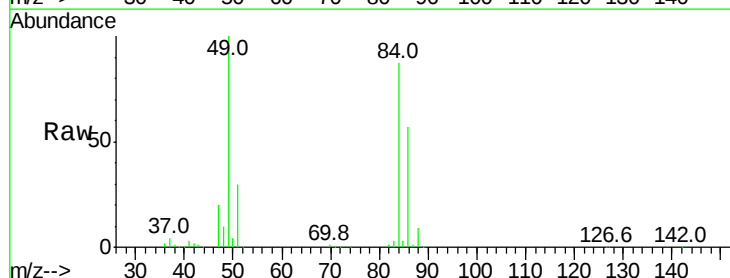
Ion Ratio Lower Upper

84 100

49 114.3 87.8 131.6

51 34.3 27.0 40.6

86 65.0 52.1 78.1

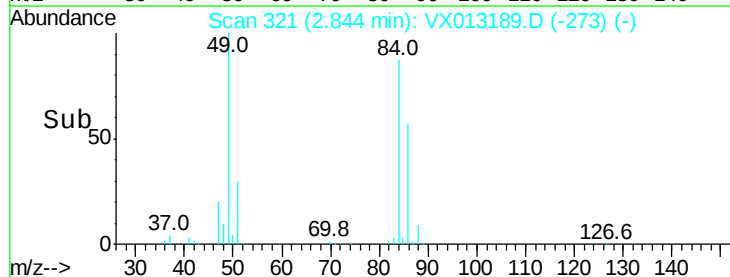
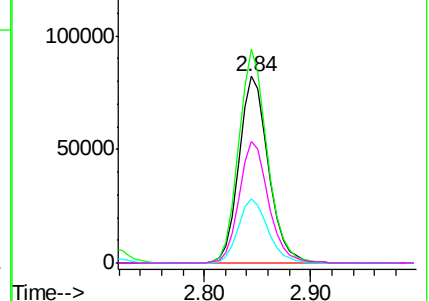


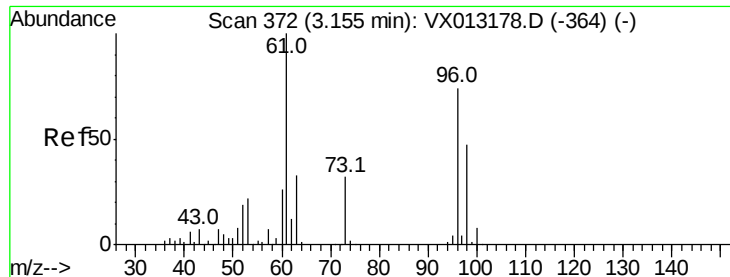
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 94.711 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

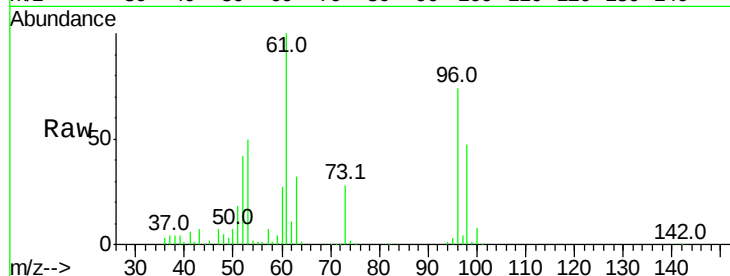
Tgt Ion: 96 Resp: 154662

Ion Ratio Lower Upper

96 100

61 134.9 108.1 162.1

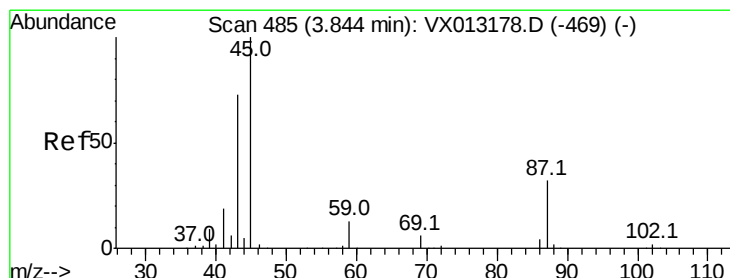
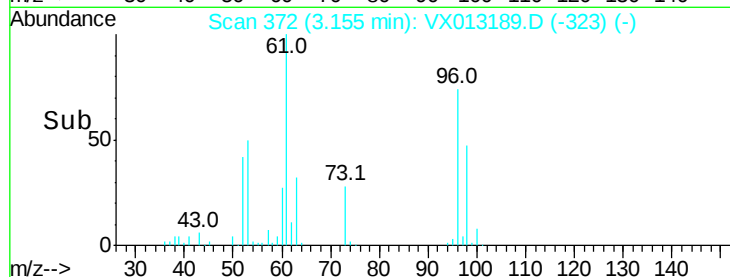
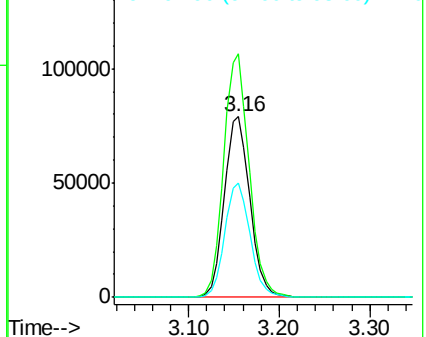
98 63.0 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 96.498 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Tgt Ion: 45 Resp: 436559

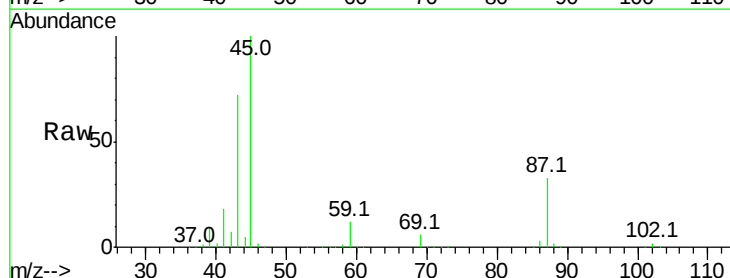
Ion Ratio Lower Upper

45 100

43 72.2 58.1 87.1

87 32.6 25.9 38.9

59 12.3 10.1 15.1

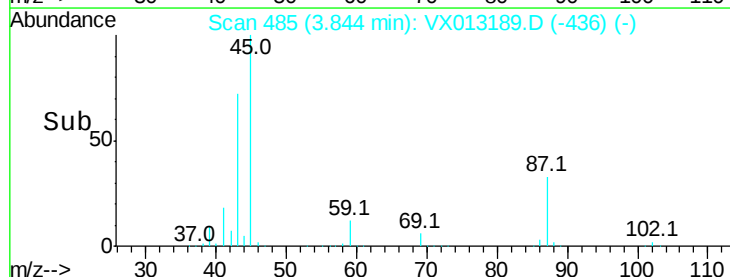
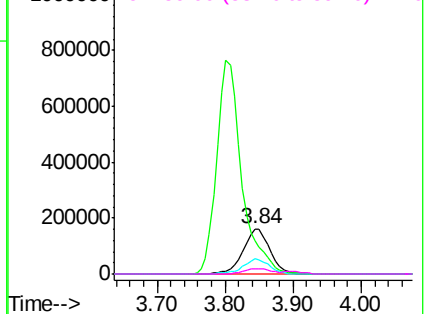


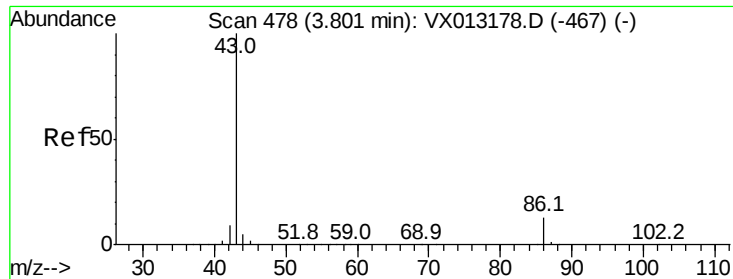
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 498.366 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

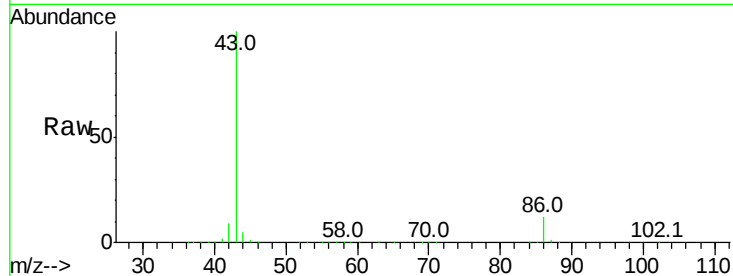
VSTDIC100

Tgt Ion: 43 Resp: 1962048

Ion Ratio Lower Upper

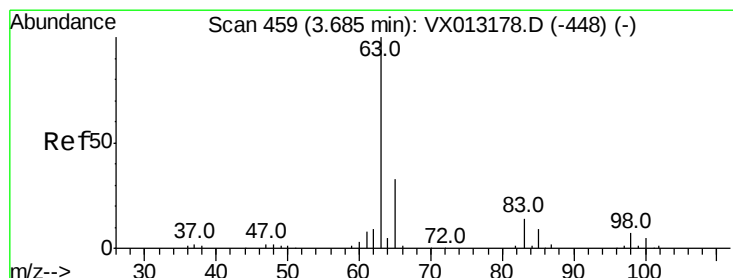
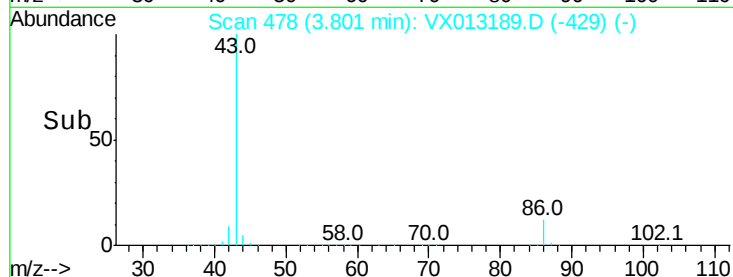
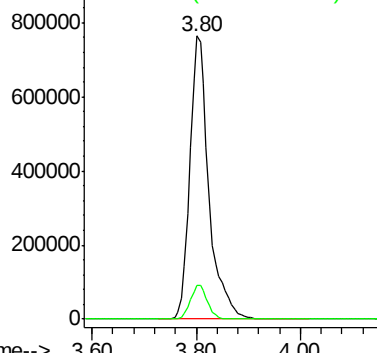
43 100

86 12.0 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 98.083 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

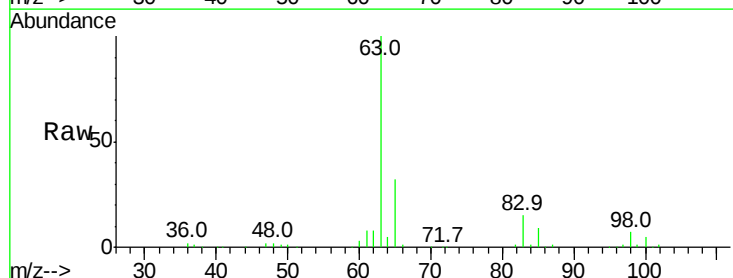
Tgt Ion: 63 Resp: 271862

Ion Ratio Lower Upper

63 100

98 7.1 3.7 11.1

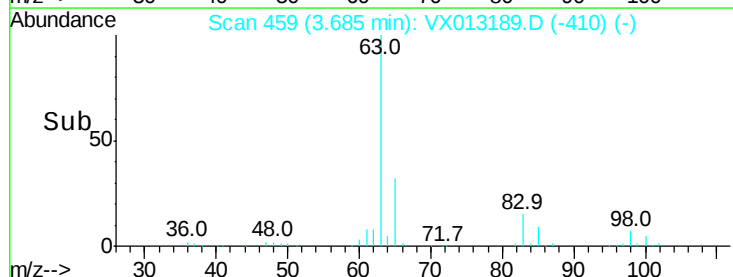
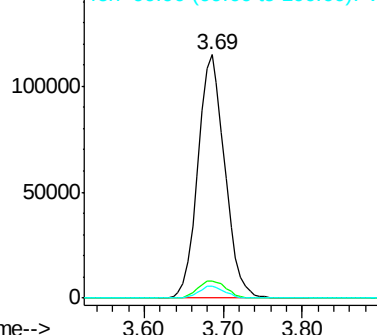
100 4.7 2.5 7.4

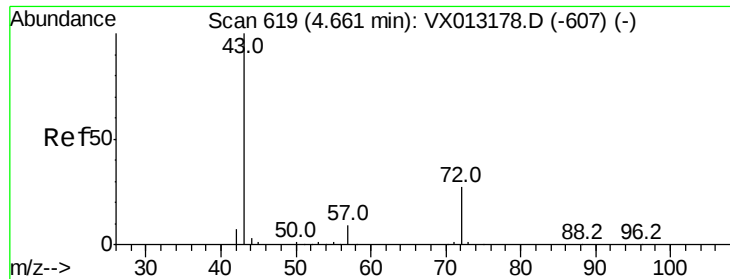


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 478.756 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

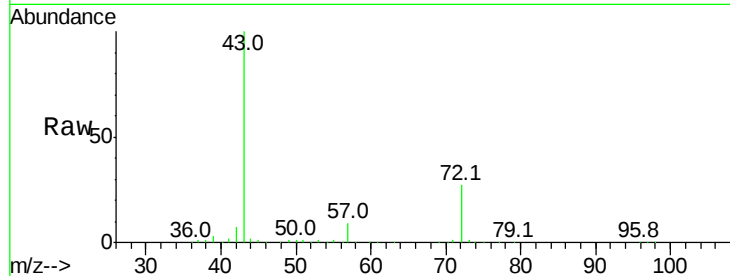
VSTDIC100

Tgt Ion: 43 Resp: 562800

Ion Ratio Lower Upper

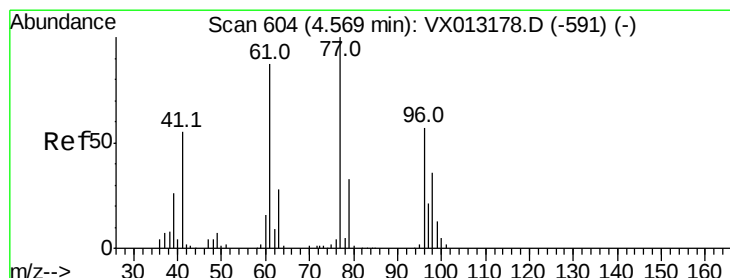
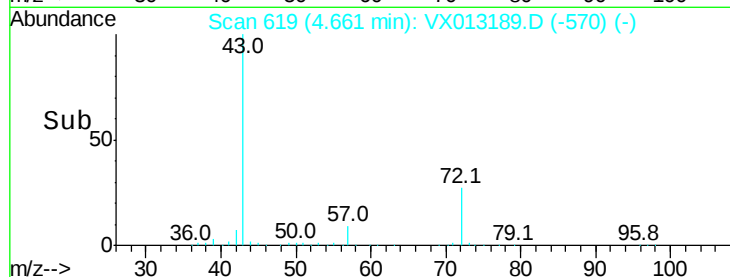
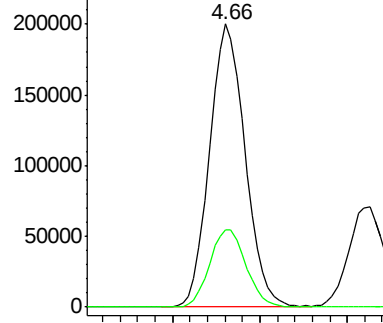
43 100

72 27.4 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 103.518 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013189.D

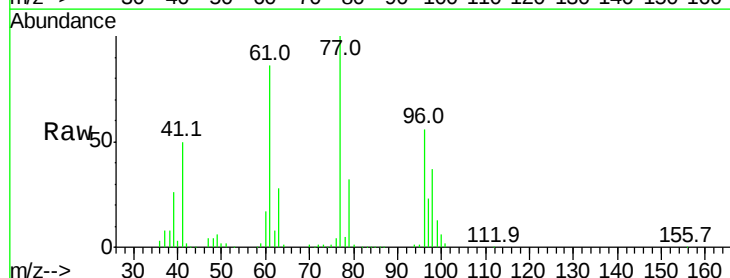
Acq: 23 Oct 2019 14:45

Tgt Ion: 77 Resp: 258505

Ion Ratio Lower Upper

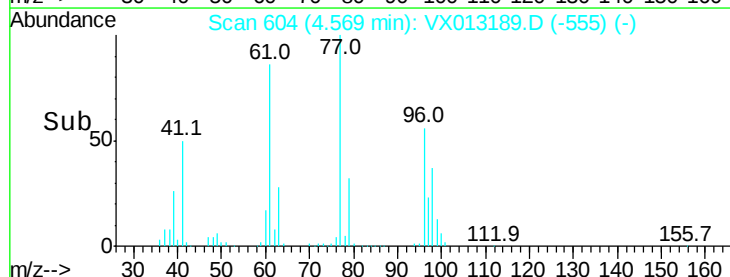
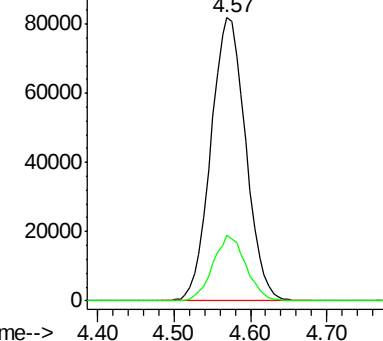
77 100

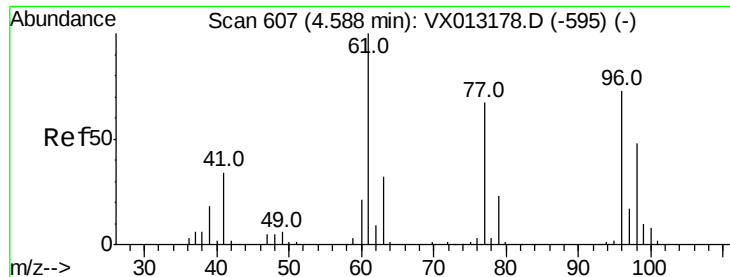
97 22.0 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



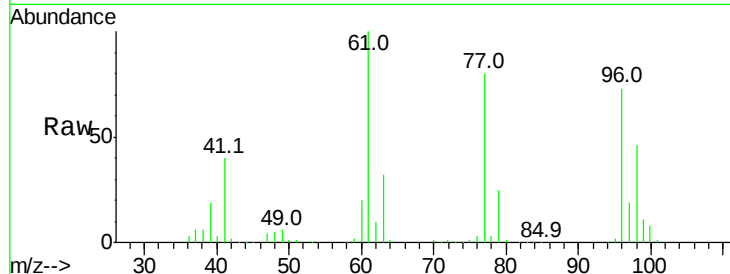


#27

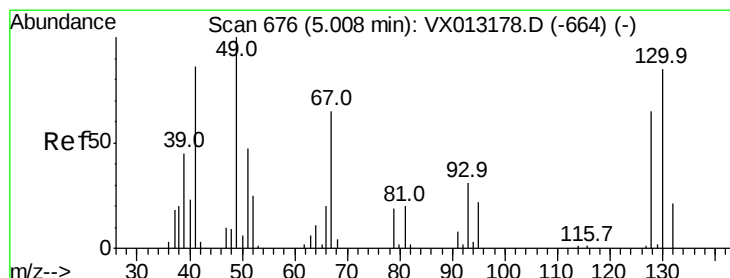
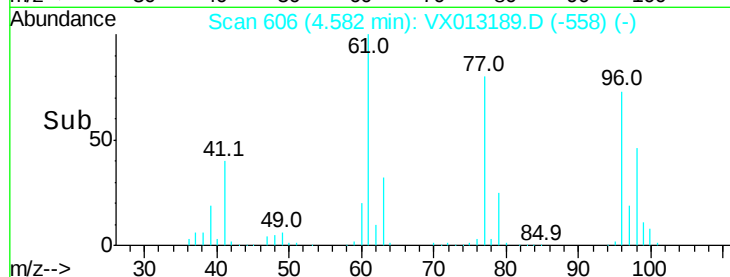
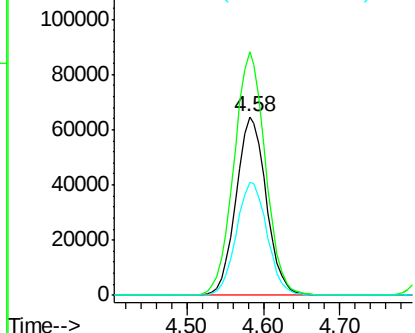
cis-1,2-Dichloroethene
 Concen: 96.900 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX013189.D
 Acq: 23 Oct 2019 14:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 176917
 Ion Ratio Lower Upper
 96 100
 61 142.1 0.0 288.0
 98 64.7 0.0 131.2



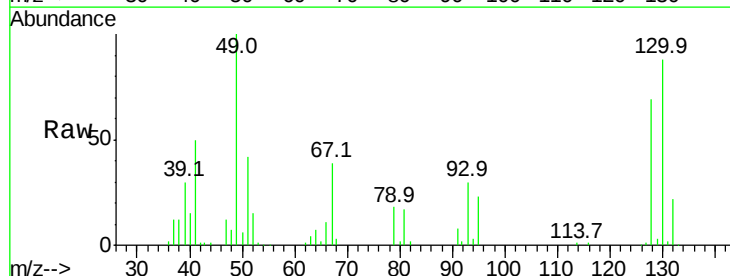
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



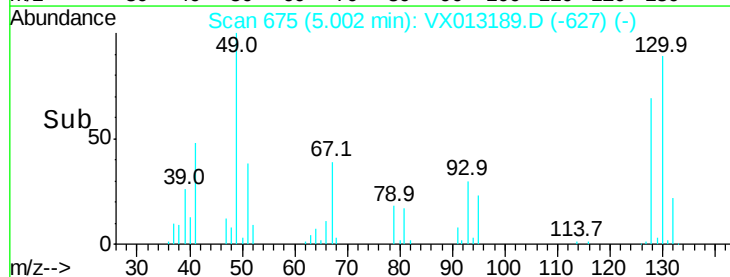
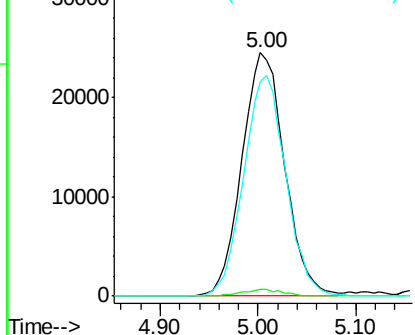
#28

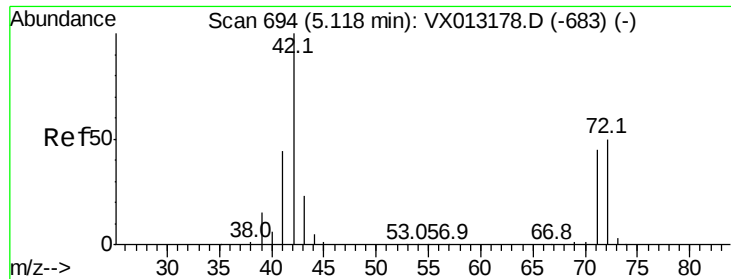
Bromochloromethane
 Concen: 100.365 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX013189.D
 Acq: 23 Oct 2019 14:45

Tgt Ion: 49 Resp: 74372
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 2.8
 130 89.5 71.5 107.3



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

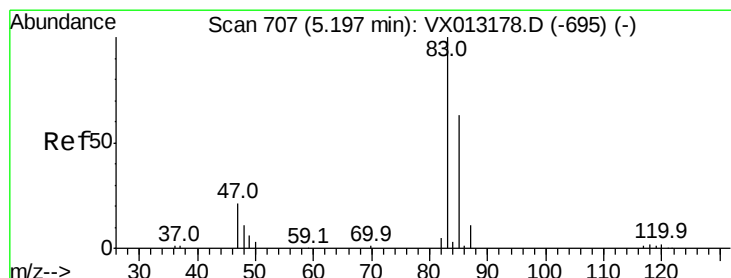
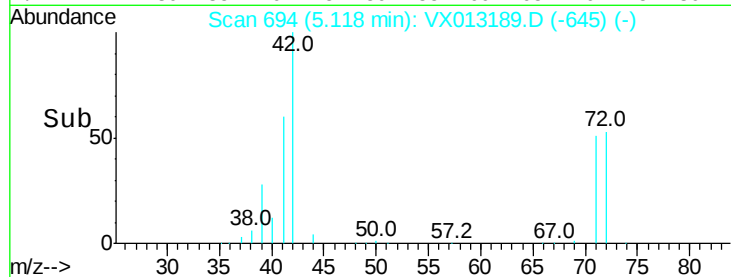
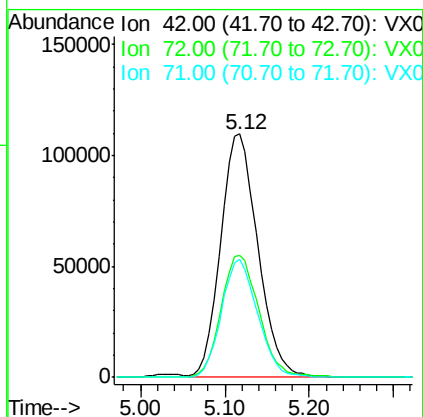
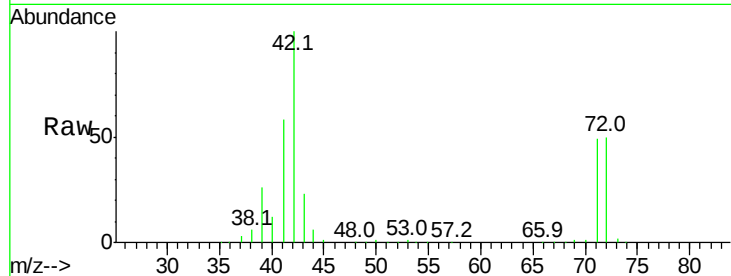




#29
Tetrahydrofuran
Concen: 466.512 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

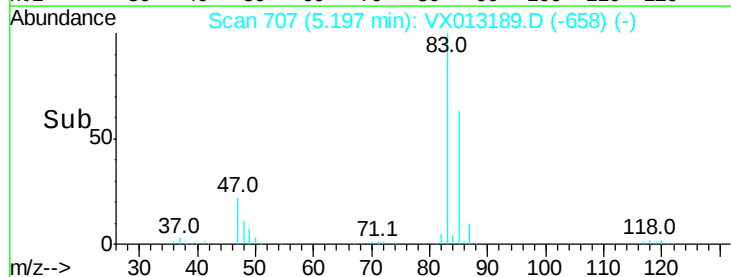
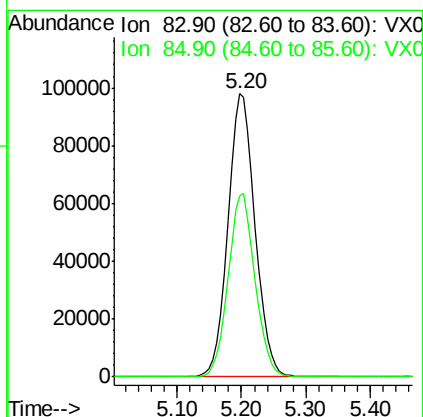
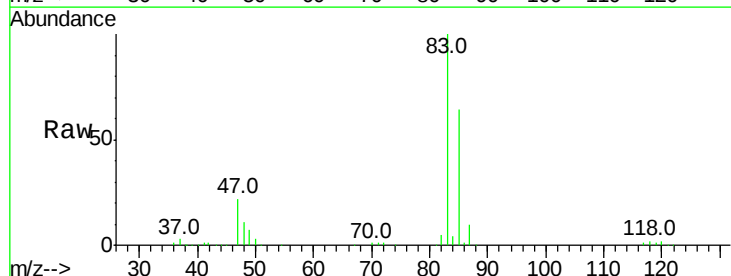
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

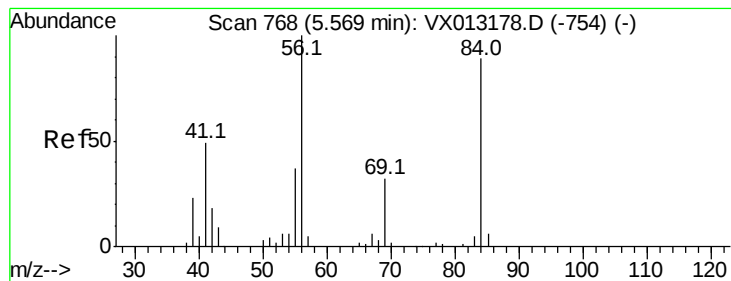
Tgt Ion: 42 Resp: 329021
Ion Ratio Lower Upper
42 100
72 51.8 40.2 60.2
71 47.5 37.0 55.6



#30
Chloroform
Concen: 96.216 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

Tgt Ion: 83 Resp: 288210
Ion Ratio Lower Upper
83 100
85 64.2 50.7 76.1





#31

Cyclohexane

Concen: 96.338 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

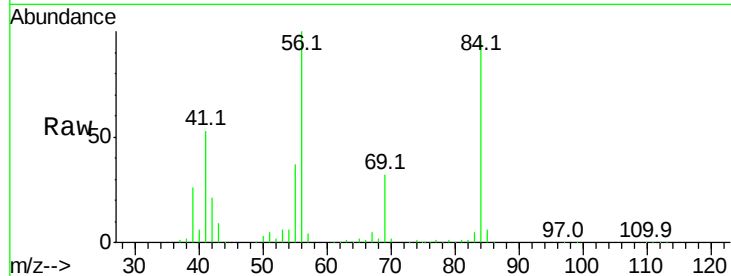
Tgt Ion: 56 Resp: 231616

Ion Ratio Lower Upper

56 100

69 32.5 25.9 38.9

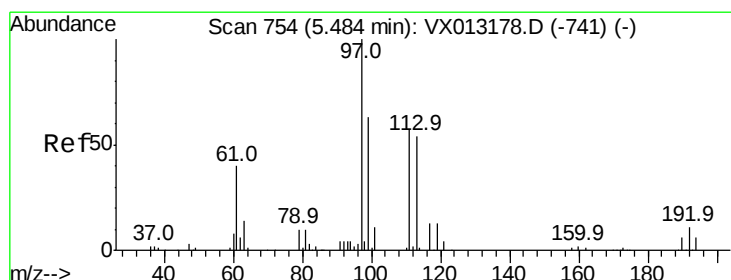
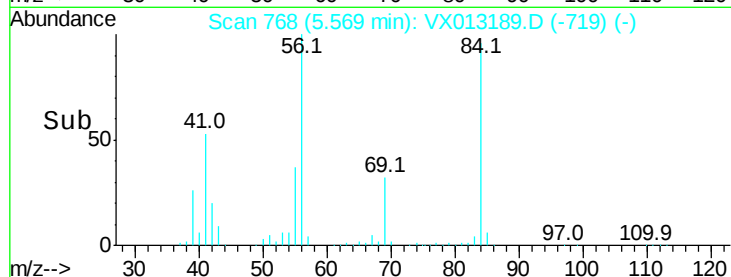
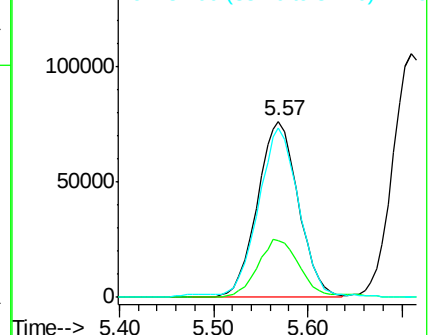
84 94.3 70.8 106.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 100.081 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

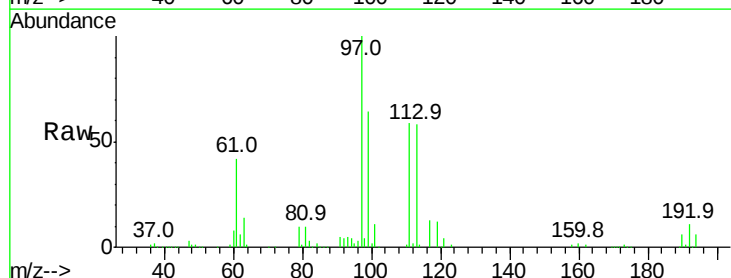
Tgt Ion: 97 Resp: 268938

Ion Ratio Lower Upper

97 100

99 63.6 50.9 76.3

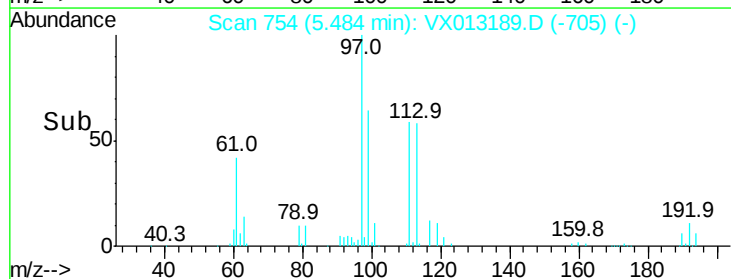
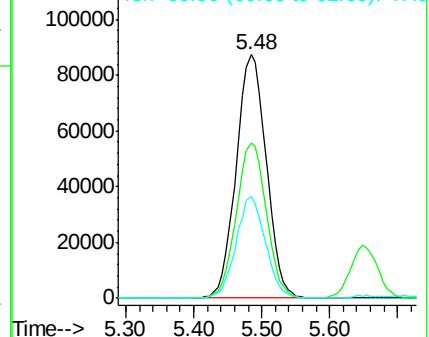
61 40.8 32.6 48.8

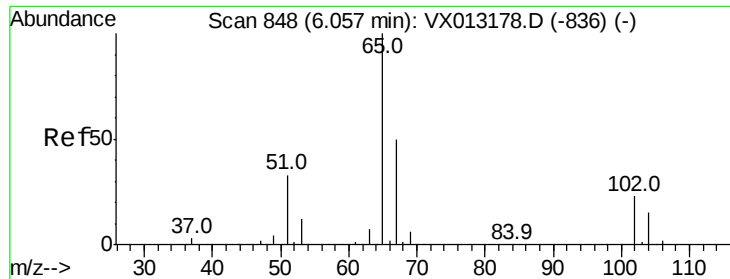


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

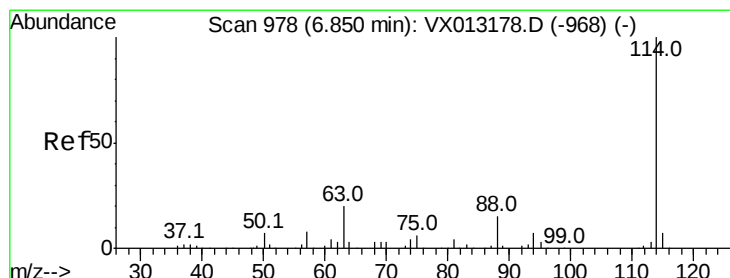
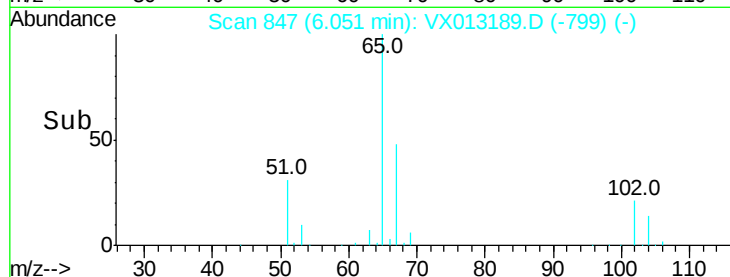
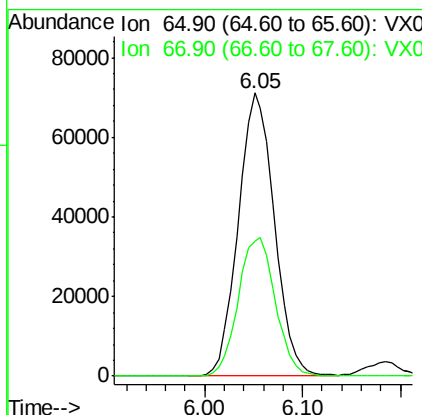
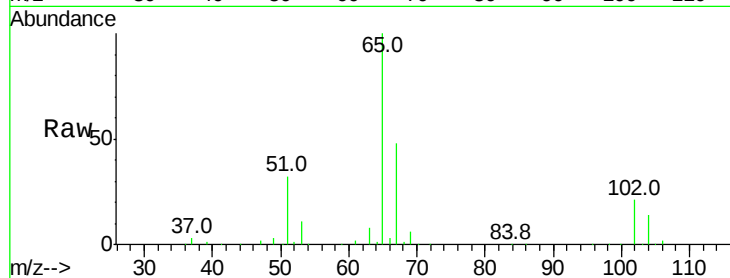




#33
 1,2-Dichloroethane-d4
 Concen: 98.363 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013189.D
 Acq: 23 Oct 2019 14:45

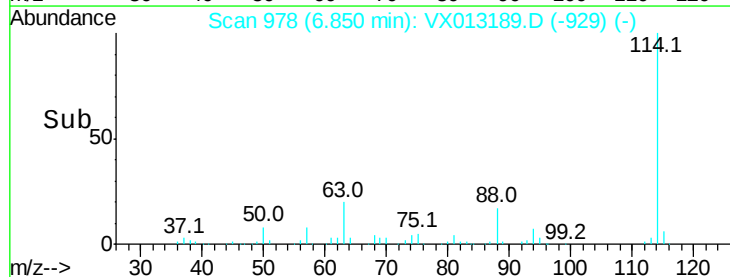
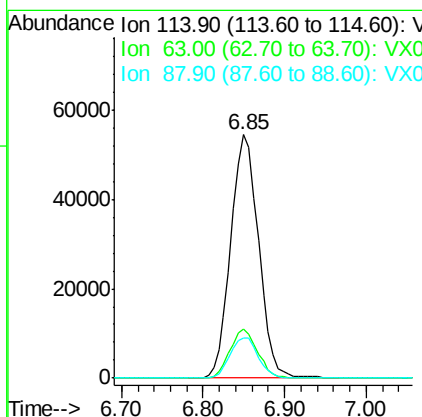
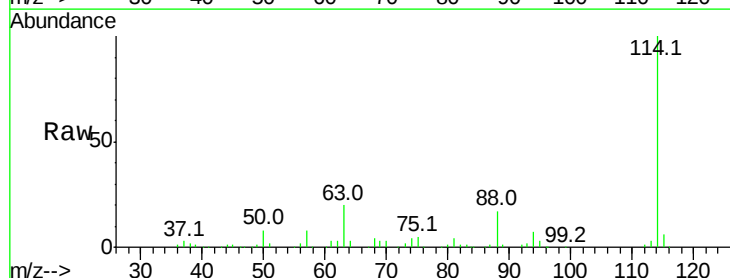
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

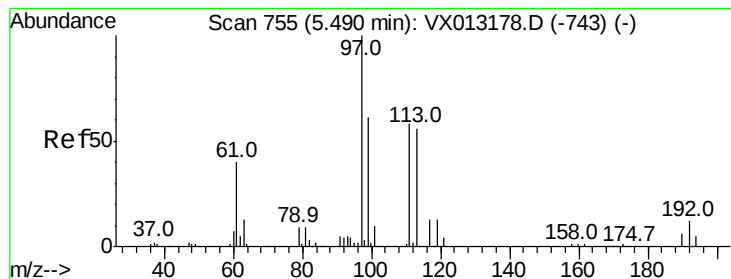
Tgt Ion: 65 Resp: 182627
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013189.D
 Acq: 23 Oct 2019 14:45

Tgt Ion: 114 Resp: 128455
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.6
 88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 97.621 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

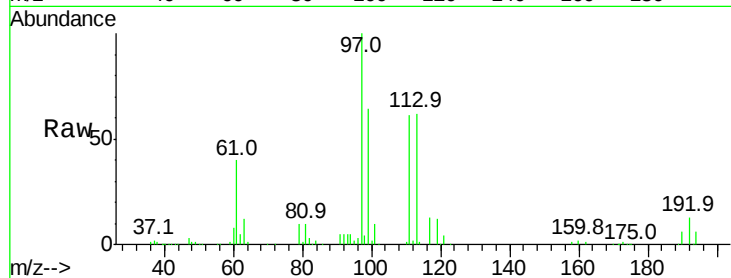
Tgt Ion:113 Resp: 146277

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

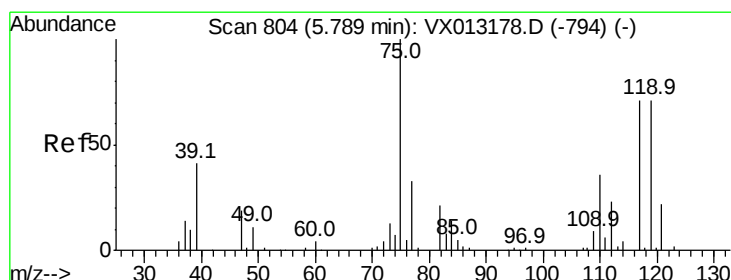
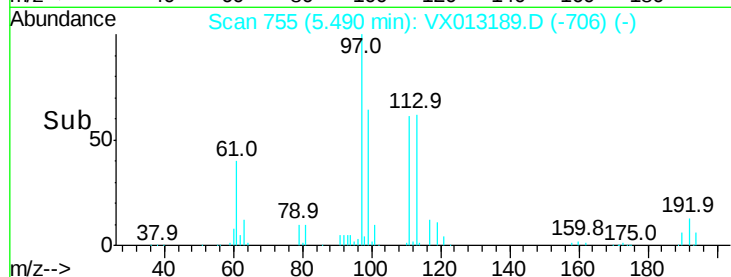
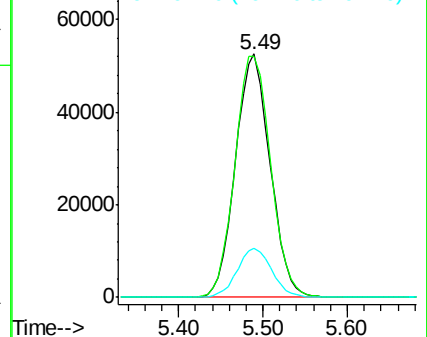
192 20.1 16.2 24.2



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: 92.005 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

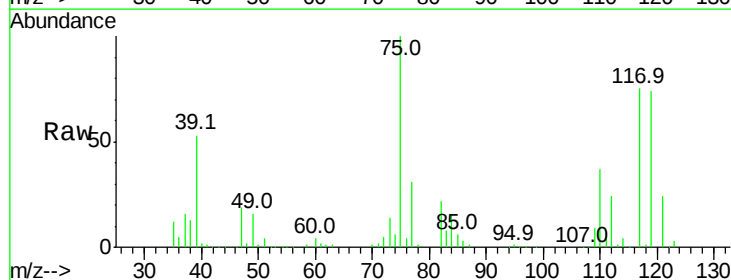
Tgt Ion: 75 Resp: 211768

Ion Ratio Lower Upper

75 100

110 36.9 18.1 54.1

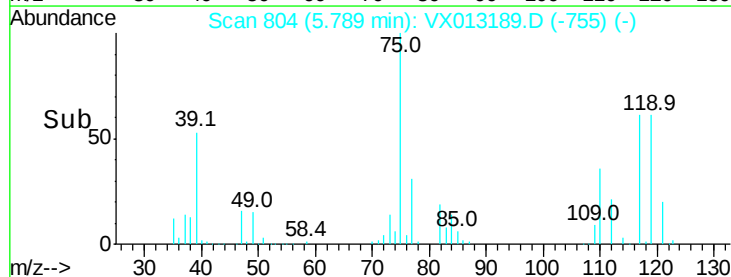
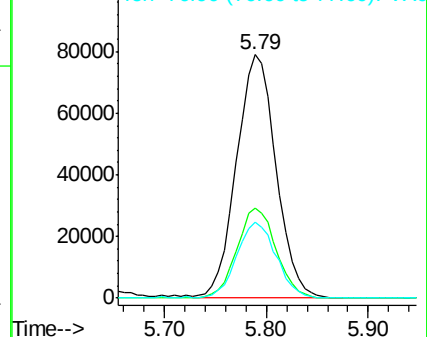
77 31.3 25.2 37.8

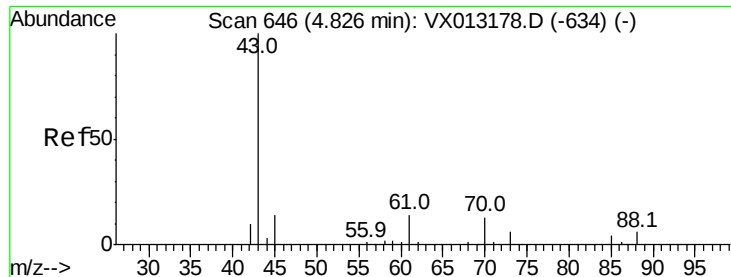


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

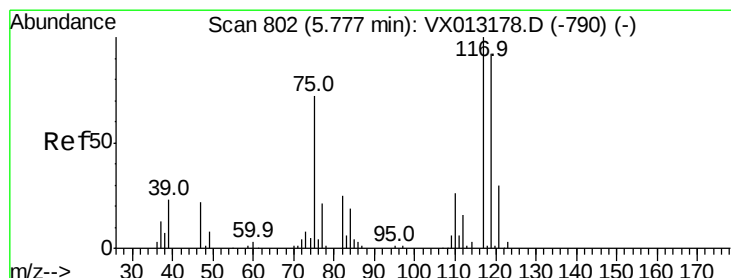
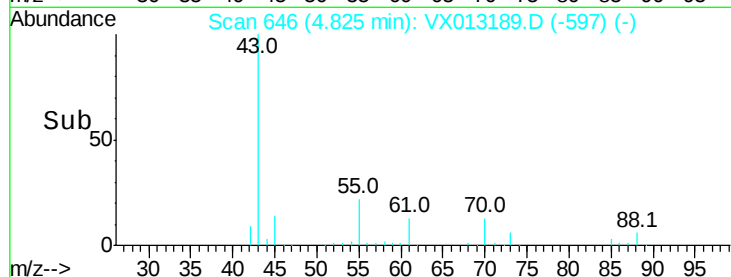
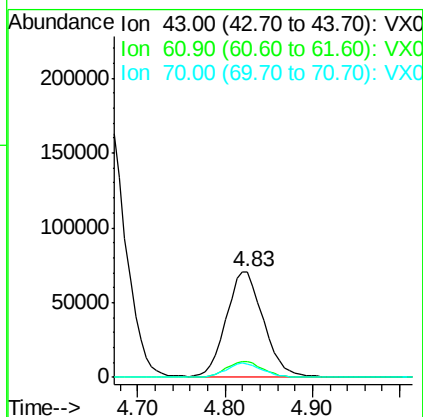
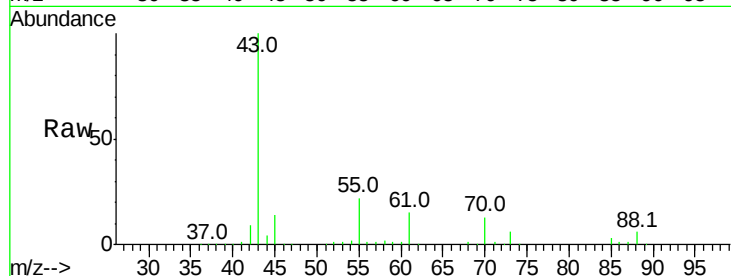




#37
Ethyl Acetate
Concen: 90.969 ug/l
RT: 4.83 min Scan# 646
Delta R.T. -0.00 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

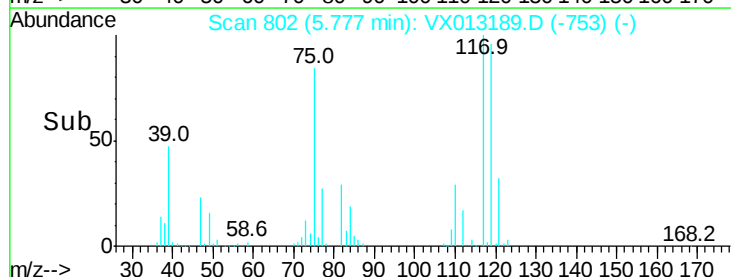
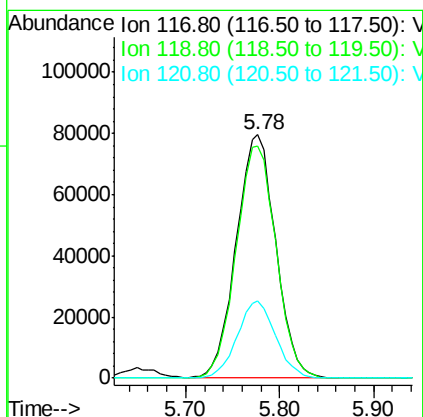
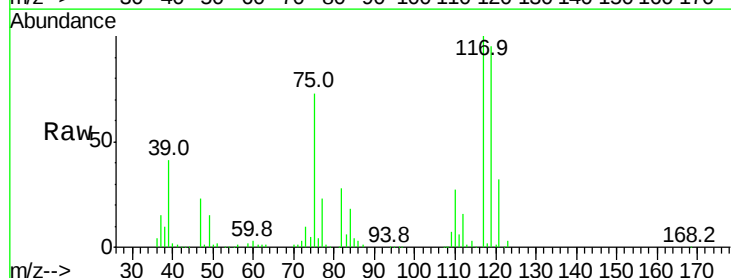
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

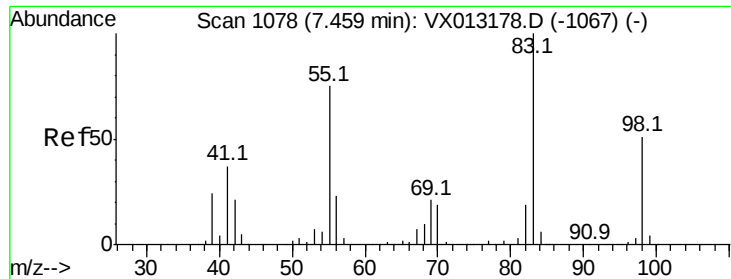
Tgt Ion: 43 Resp: 206880
Ion Ratio Lower Upper
43 100
61 15.0 11.7 17.5
70 12.9 10.0 15.0



#38
Carbon Tetrachloride
Concen: 98.452 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

Tgt Ion: 117 Resp: 231137
Ion Ratio Lower Upper
117 100
119 95.2 73.8 110.6
121 31.9 24.3 36.5

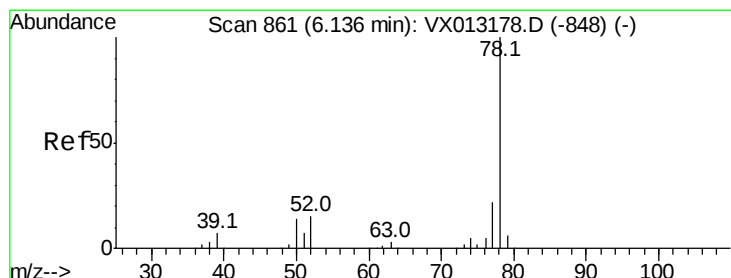
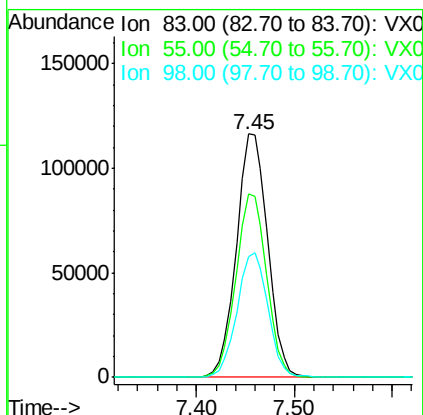
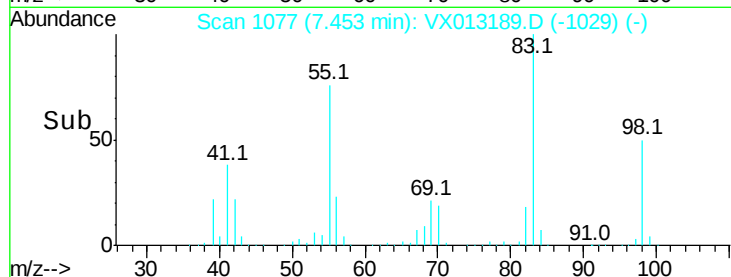
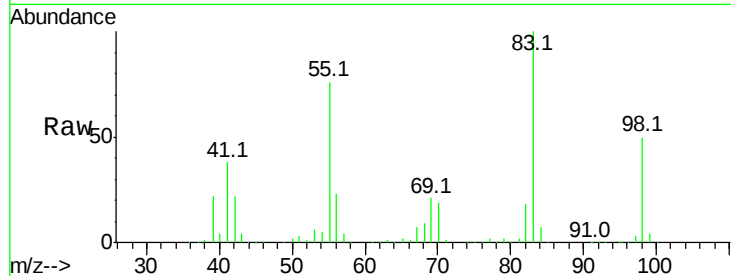




#39
Methylcyclohexane
Concen: 94.631 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

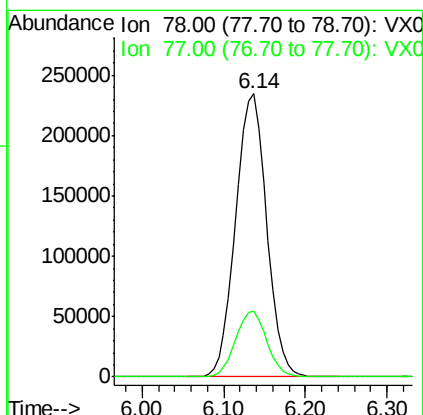
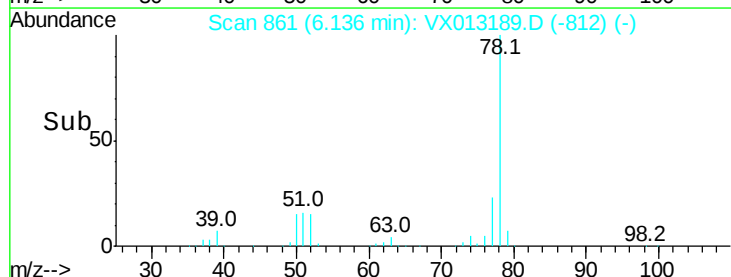
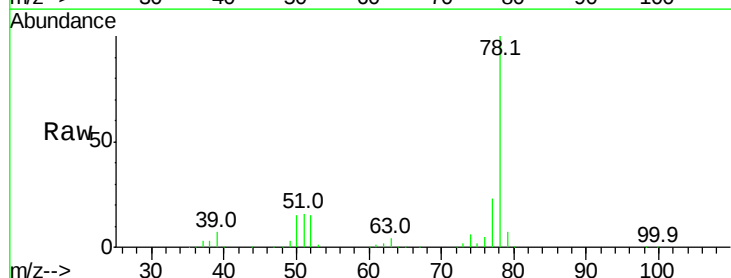
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

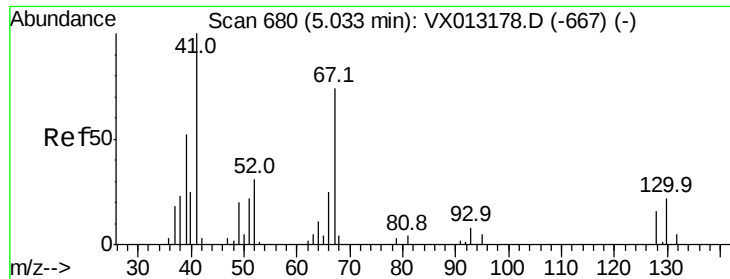
Tgt Ion: 83 Resp: 258279
Ion Ratio Lower Upper
83 100
55 75.5 60.3 90.5
98 49.8 40.6 61.0



#40
Benzene
Concen: 94.531 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

Tgt Ion: 78 Resp: 618712
Ion Ratio Lower Upper
78 100
77 23.3 18.0 27.0





#41

Methacrylonitrile

Concen: 94.561 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 113918

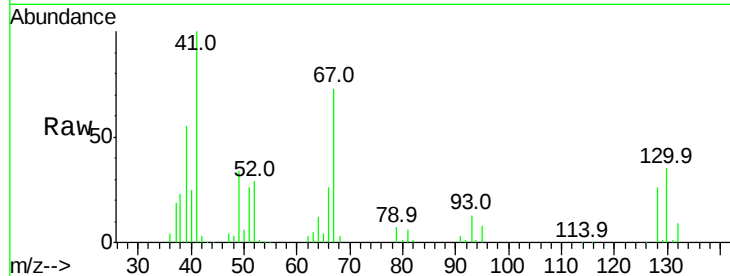
Ion Ratio Lower Upper

41 100

39 55.8 43.3 64.9

67 77.9 62.5 93.7

52 31.1 25.4 38.0



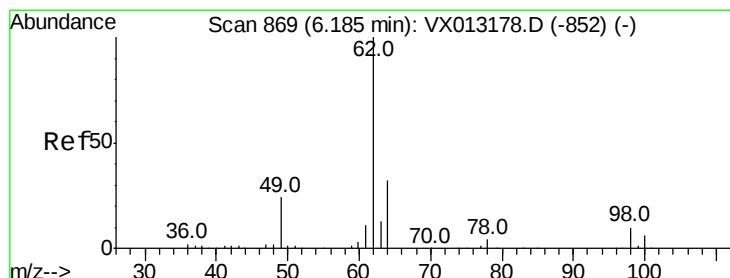
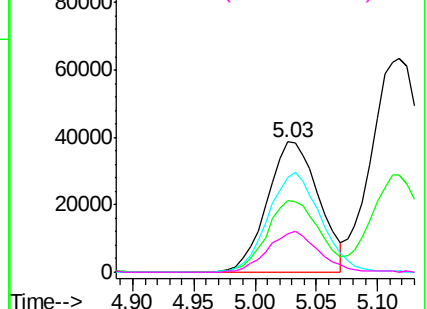
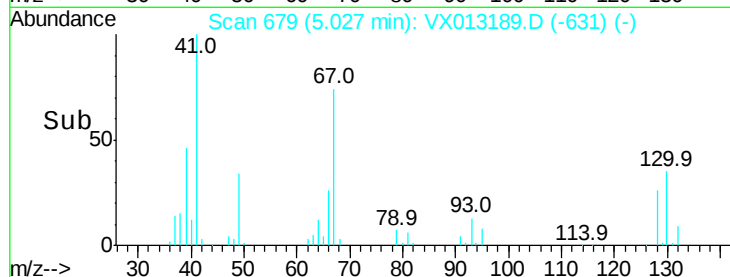
Abundance

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: 95.412 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX013189.D

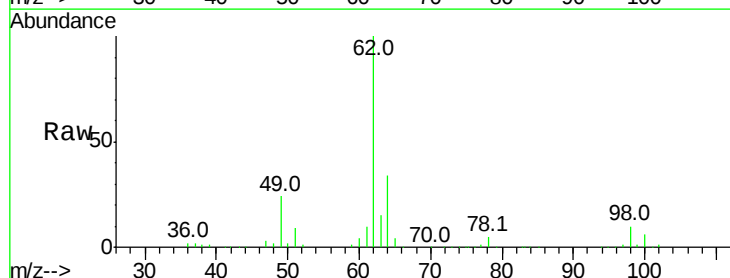
Acq: 23 Oct 2019 14:45

Tgt Ion: 62 Resp: 234627

Ion Ratio Lower Upper

62 100

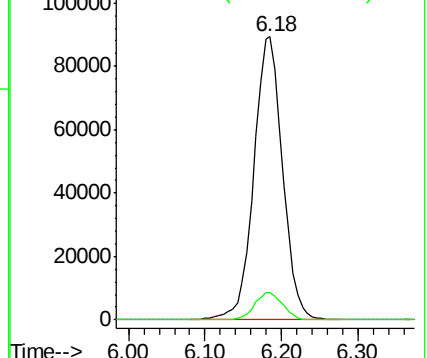
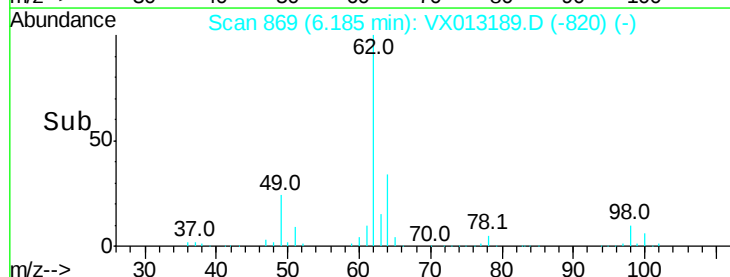
98 9.5 0.0 19.0

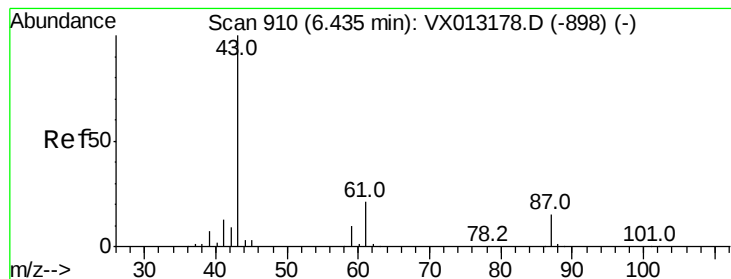


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 96.747 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

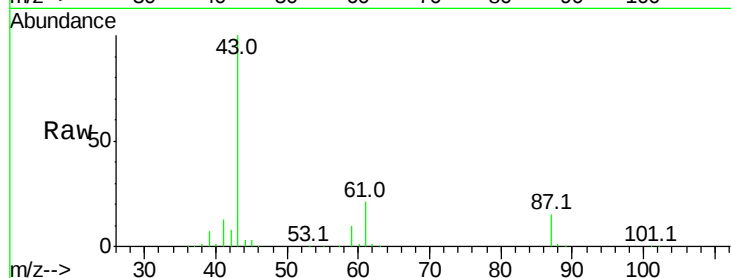
Tgt Ion: 43 Resp: 351030

Ion Ratio Lower Upper

43 100

61 21.0 16.8 25.2

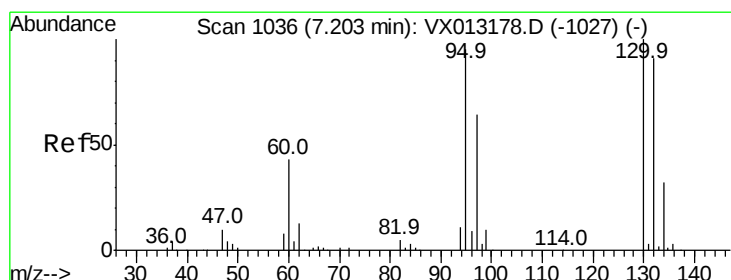
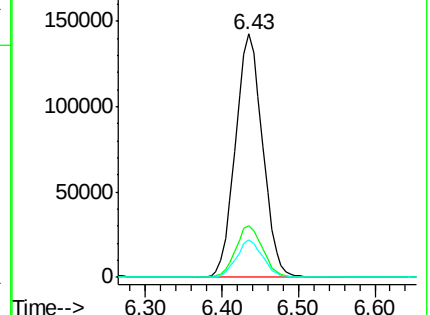
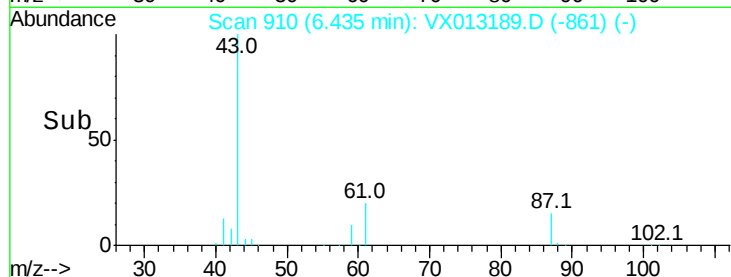
87 14.9 12.2 18.2



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: 92.218 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013189.D

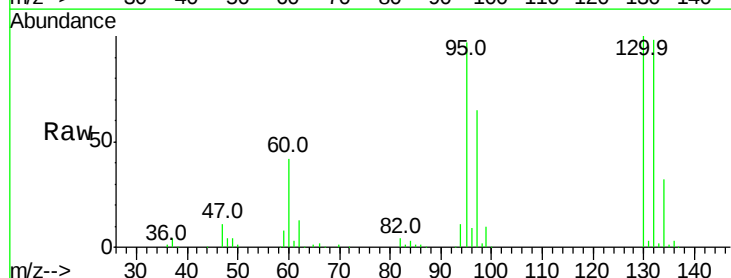
Acq: 23 Oct 2019 14:45

Tgt Ion: 130 Resp: 170991

Ion Ratio Lower Upper

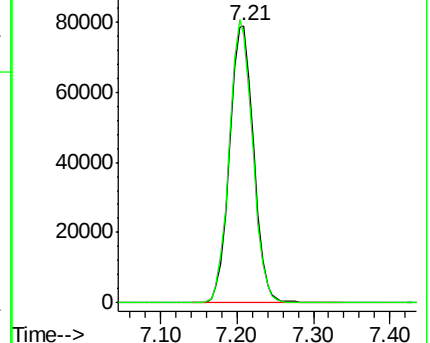
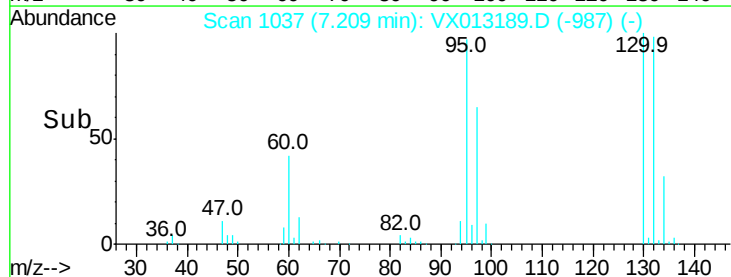
130 100

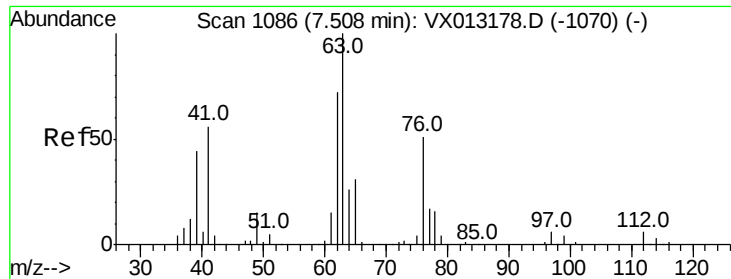
95 96.7 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 94.102 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

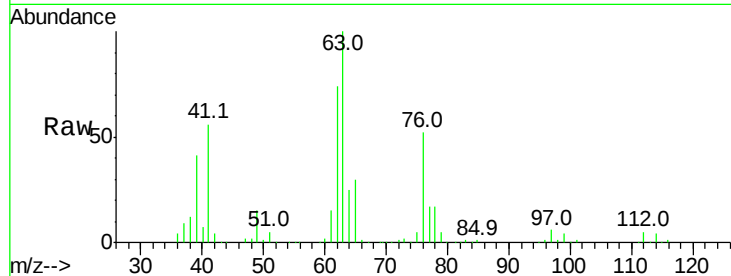
VSTDIC100

Tgt Ion: 63 Resp: 152866

Ion Ratio Lower Upper

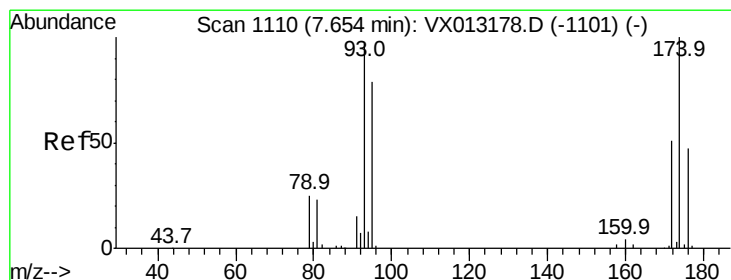
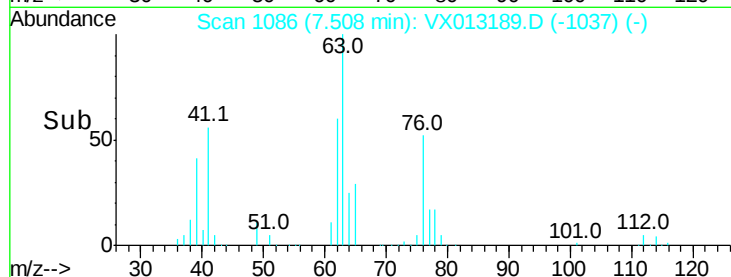
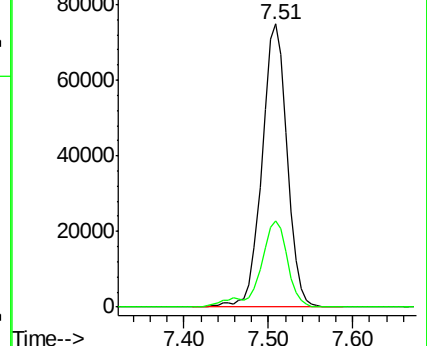
63 100

65 30.4 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 95.544 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

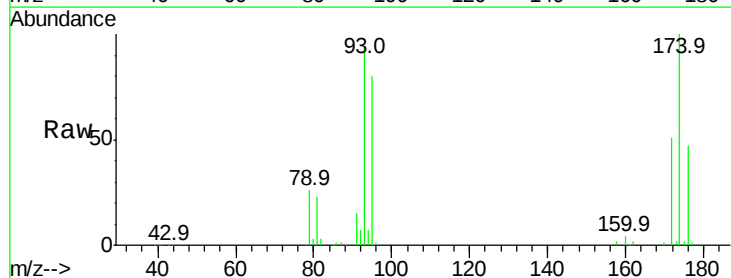
Tgt Ion: 93 Resp: 109546

Ion Ratio Lower Upper

93 100

95 84.2 66.1 99.1

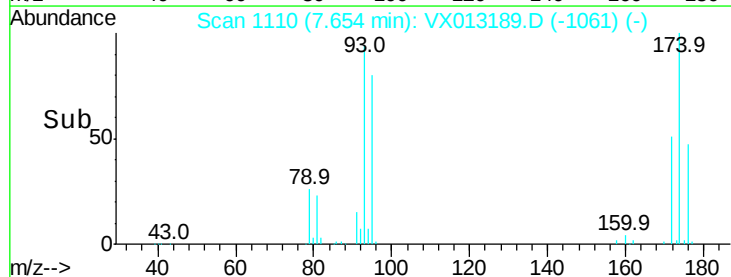
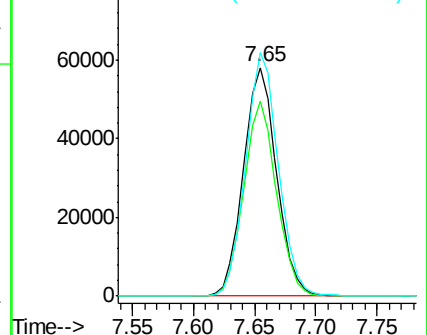
174 105.4 83.0 124.4

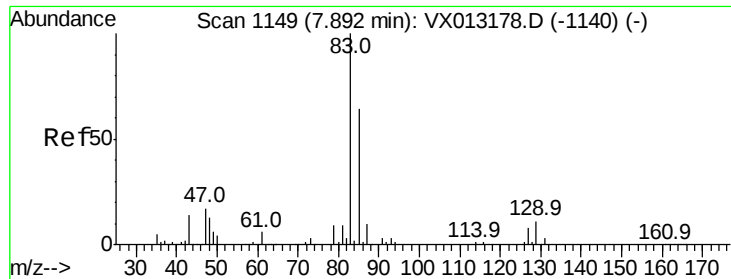


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 102.297 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

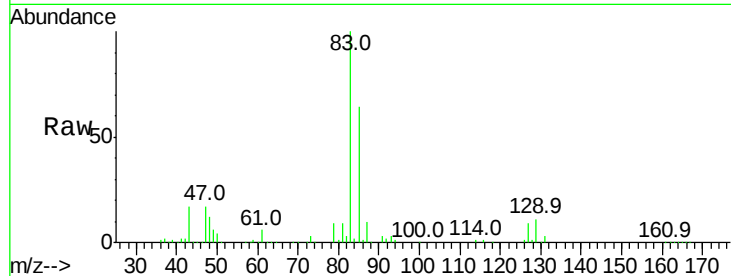
Tgt Ion: 83 Resp: 231108

Ion Ratio Lower Upper

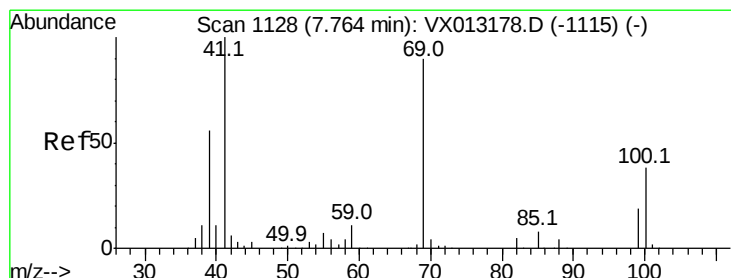
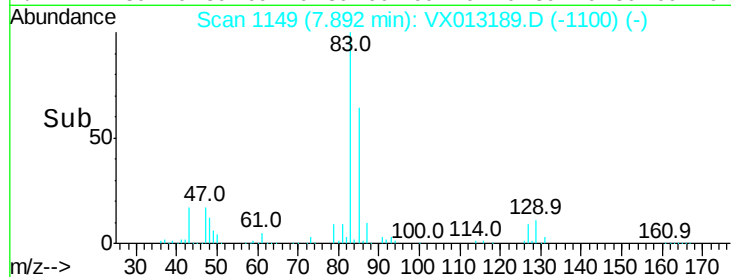
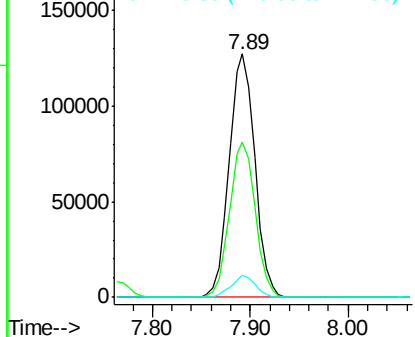
83 100

85 63.8 50.9 76.3

127 9.0 6.7 10.1



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: 99.170 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

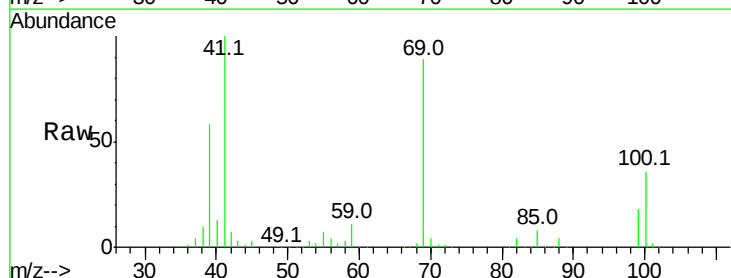
Tgt Ion: 41 Resp: 174497

Ion Ratio Lower Upper

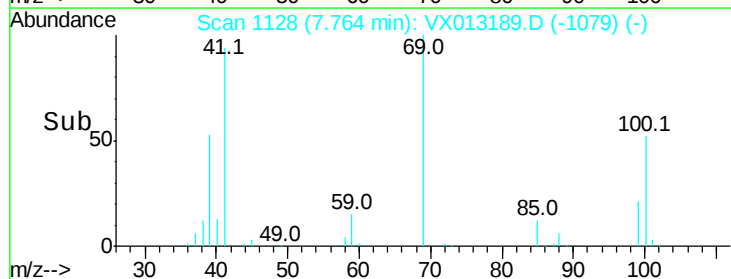
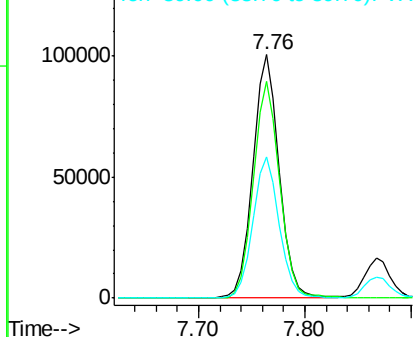
41 100

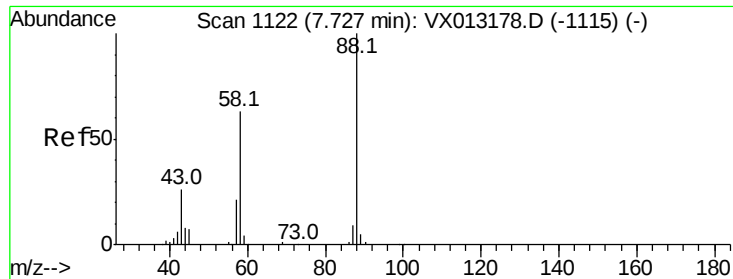
69 89.3 72.2 108.4

39 58.3 45.6 68.4



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

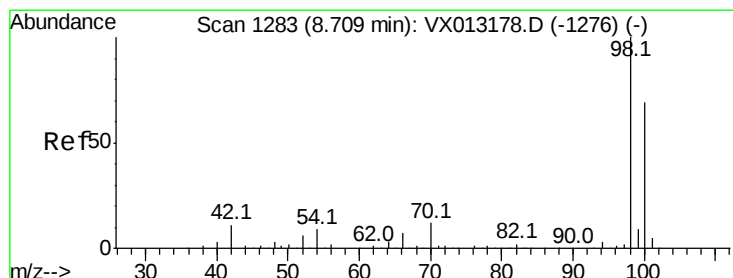
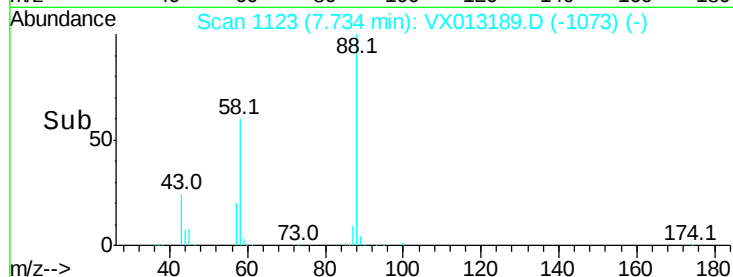
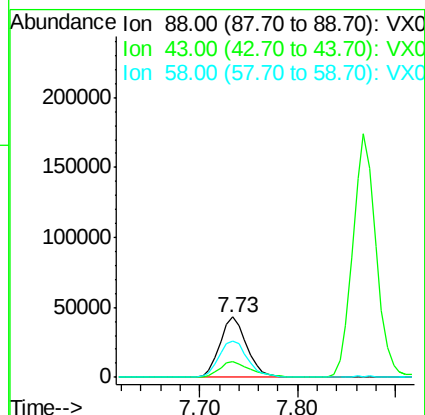
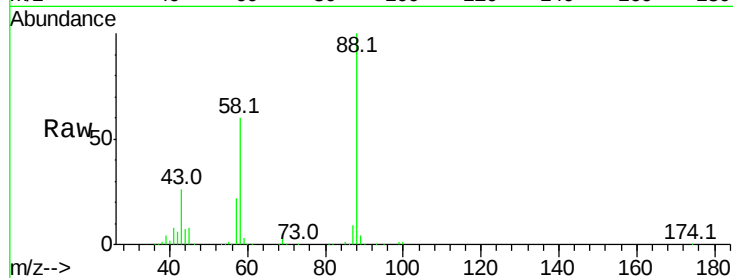




#49
1,4-Dioxane
Concen: 1717.477 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

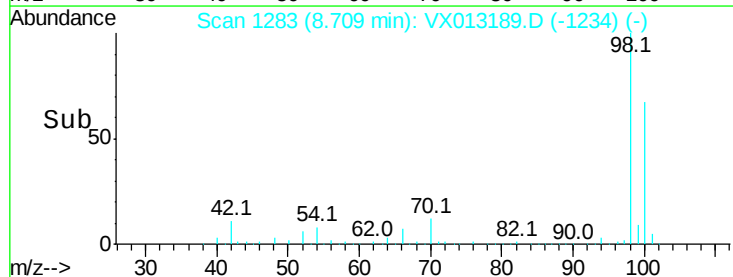
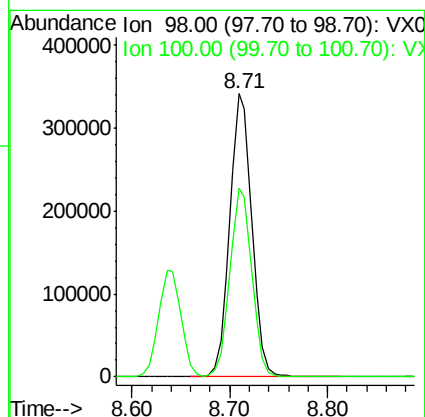
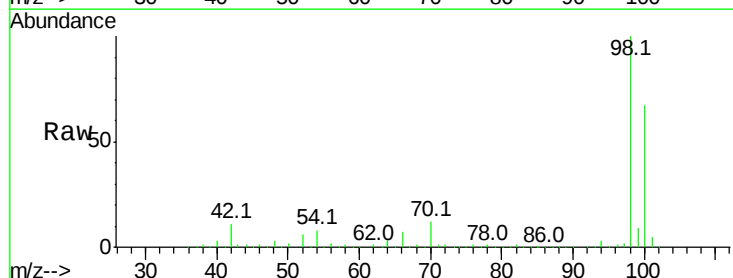
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

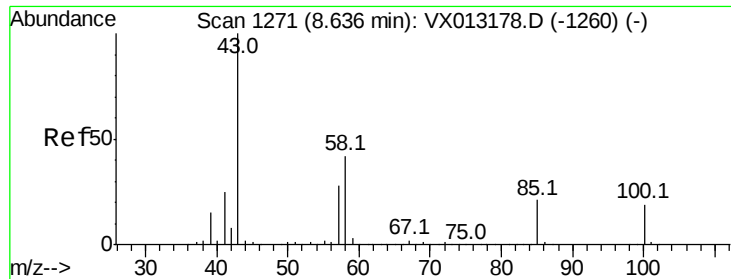
Tgt Ion: 88 Resp: 82308
Ion Ratio Lower Upper
88 100
43 30.4 24.4 36.6
58 64.2 52.2 78.4



#50
Toluene-d8
Concen: 97.475 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

Tgt Ion: 98 Resp: 533572
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 479.375 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

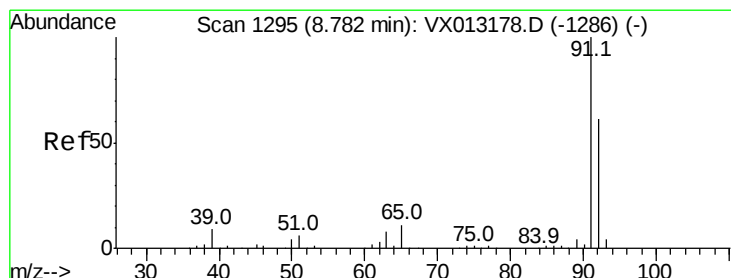
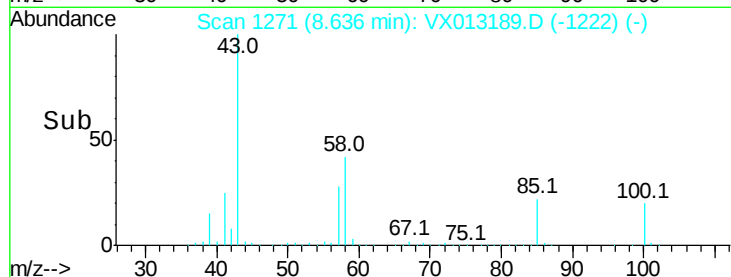
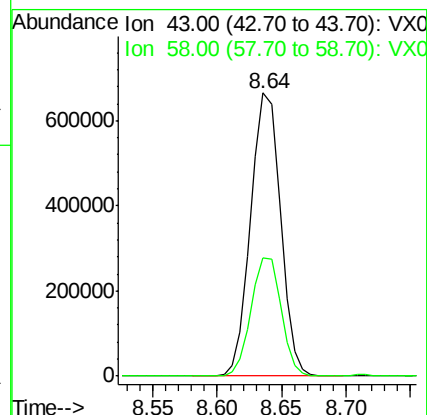
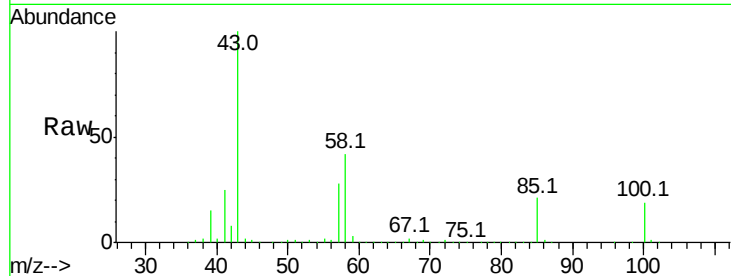
VSTDIC100

Tgt Ion: 43 Resp: 1065930

Ion Ratio Lower Upper

43 100

58 42.0 33.5 50.3



#52

Toluene

Concen: 96.040 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013189.D

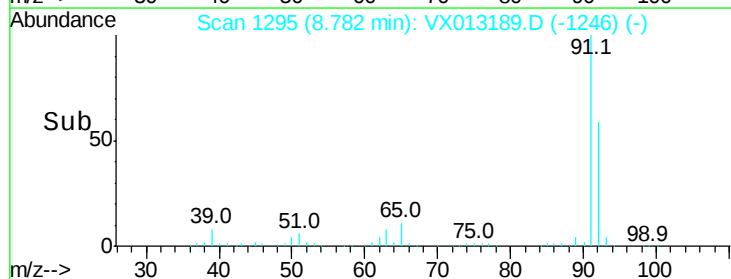
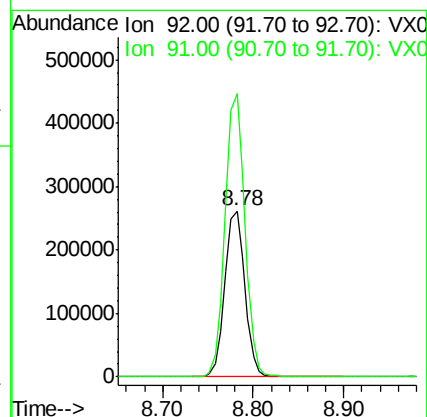
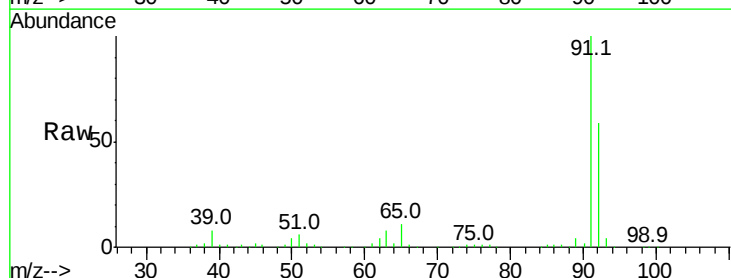
Acq: 23 Oct 2019 14:45

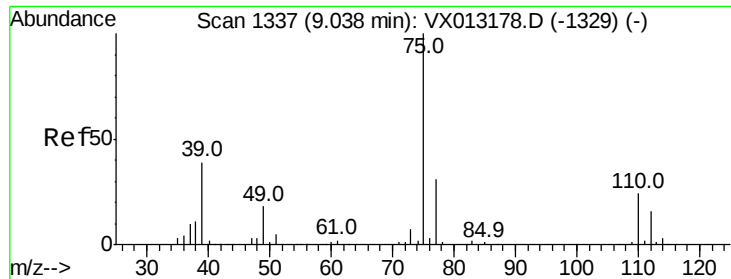
Tgt Ion: 92 Resp: 405583

Ion Ratio Lower Upper

92 100

91 169.0 133.4 200.0





#53

t-1,3-Dichloropropene

Concen: 107.426 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

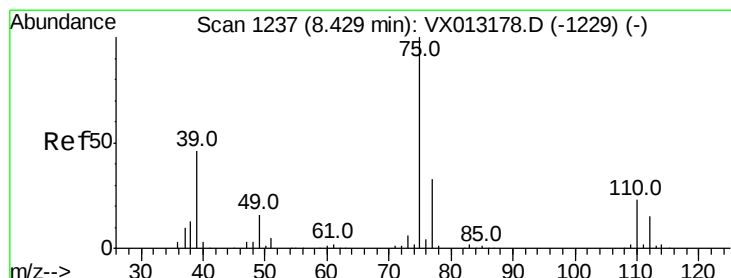
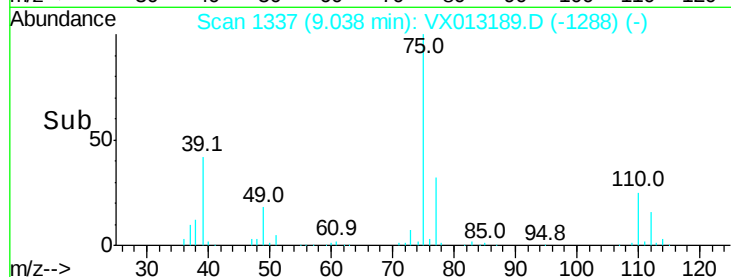
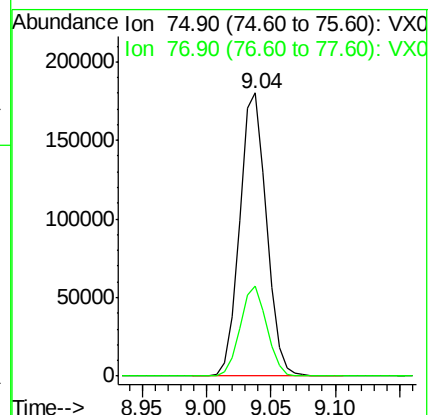
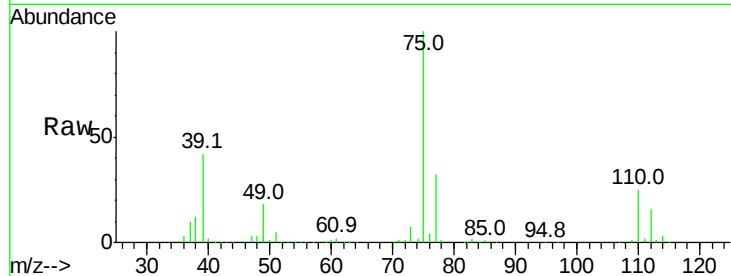
VSTDIC100

Tgt Ion: 75 Resp: 259893

Ion Ratio Lower Upper

75 100

77 31.6 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 103.429 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

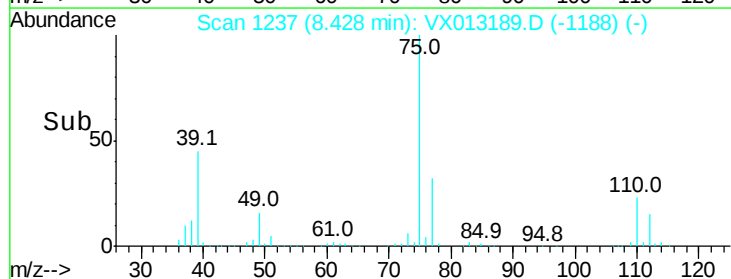
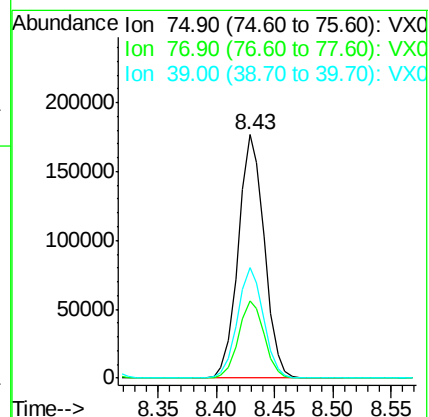
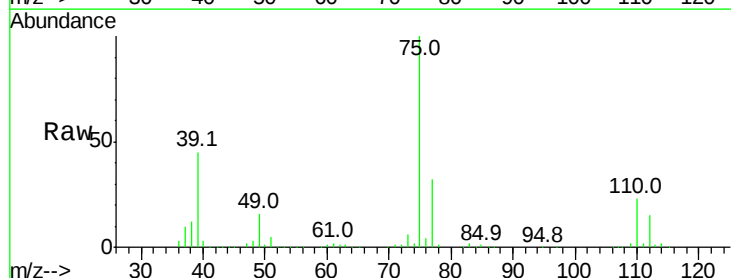
Tgt Ion: 75 Resp: 276021

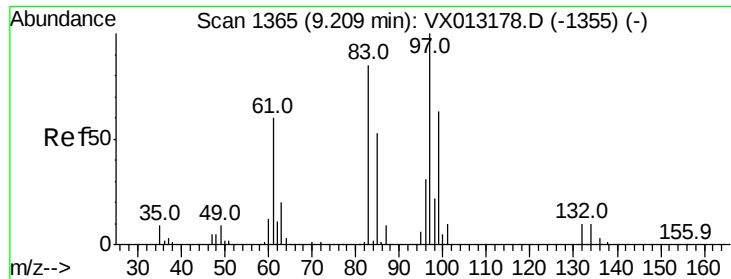
Ion Ratio Lower Upper

75 100

77 31.7 26.4 39.6

39 45.4 36.6 55.0

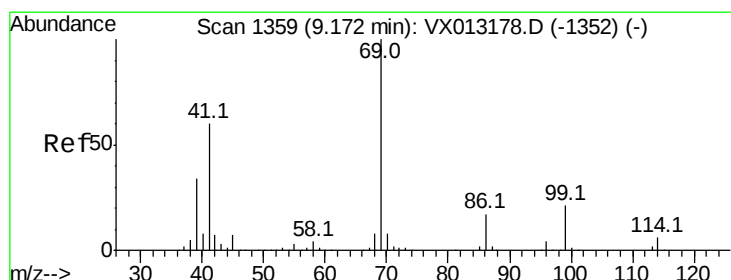
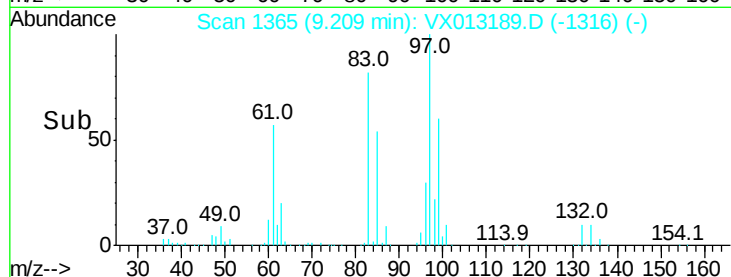
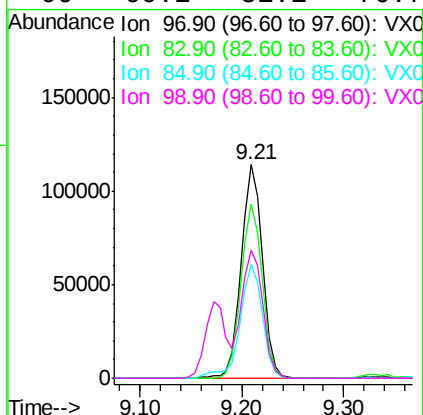
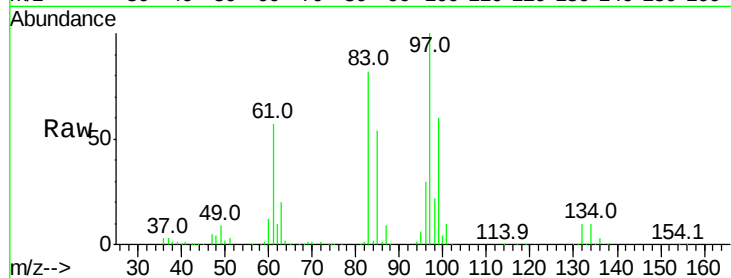




#55
 1,1,2-Trichloroethane
 Concen: 95.673 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013189.D
 Acq: 23 Oct 2019 14:45

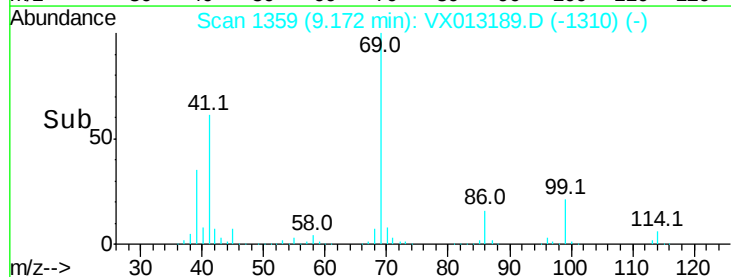
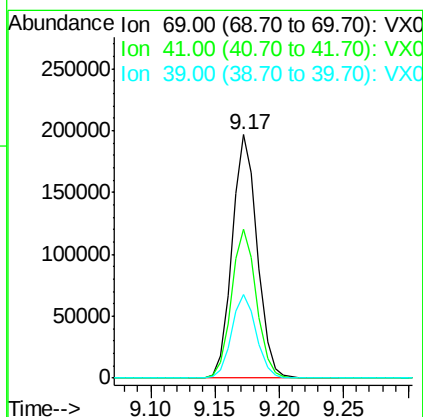
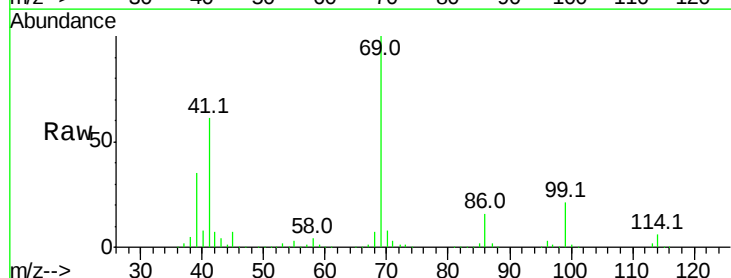
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

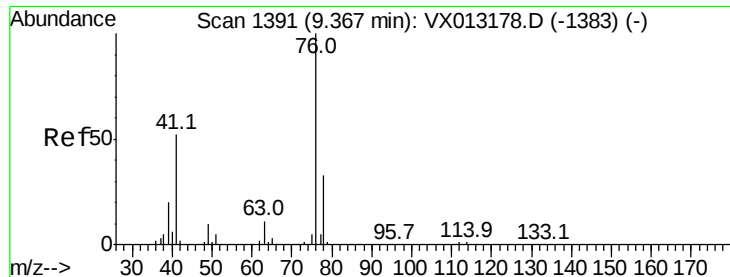
Tgt Ion:	97	Resp:	163360
Ion	Ratio	Lower	Upper
97	100		
83	81.8	67.8	101.6
85	53.5	42.7	64.1
99	60.1	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 102.123 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013189.D
 Acq: 23 Oct 2019 14:45

Tgt Ion:	69	Resp:	266900
Ion	Ratio	Lower	Upper
69	100		
41	61.2	48.5	72.7
39	34.1	27.8	41.6





#57

1,3-Dichloropropane

Concen: 96.076 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

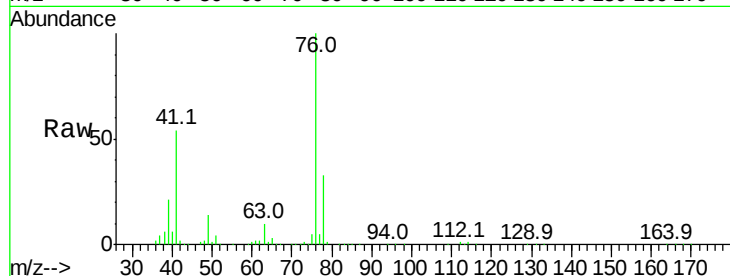
VSTDIC100

Tgt Ion: 76 Resp: 271345

Ion Ratio Lower Upper

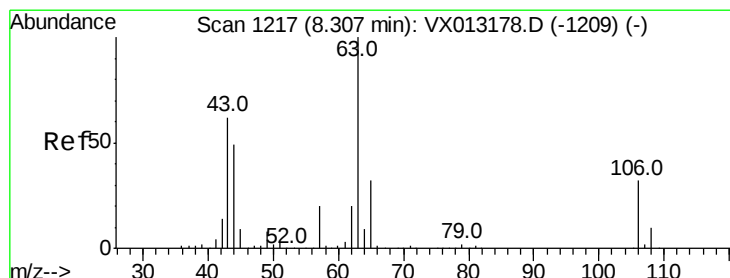
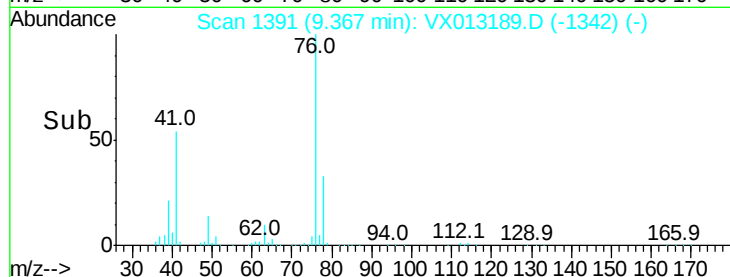
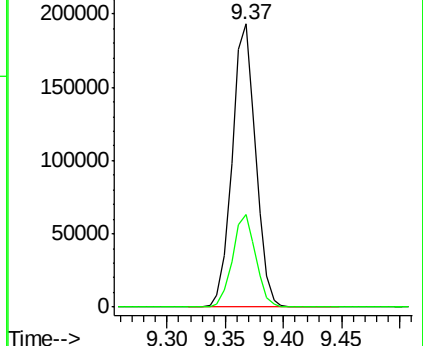
76 100

78 32.4 26.3 39.5



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: 527.073 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013189.D

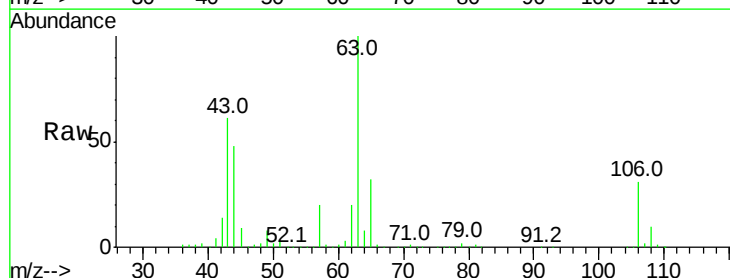
Acq: 23 Oct 2019 14:45

Tgt Ion: 63 Resp: 540634

Ion Ratio Lower Upper

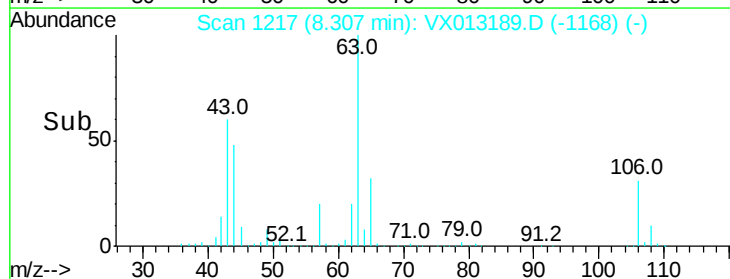
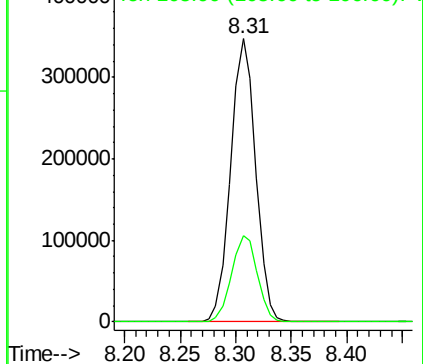
63 100

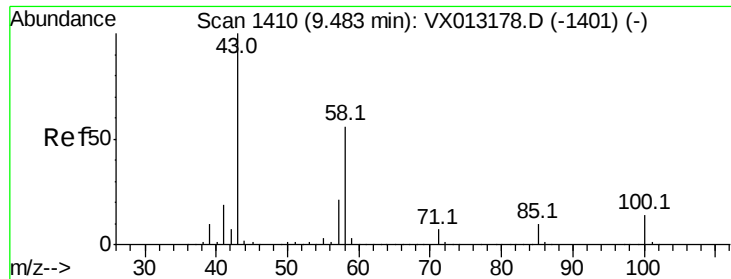
106 31.5 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

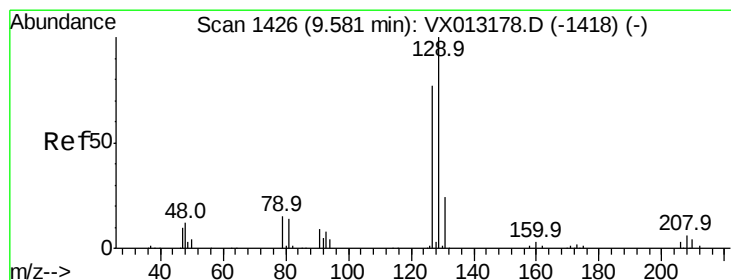
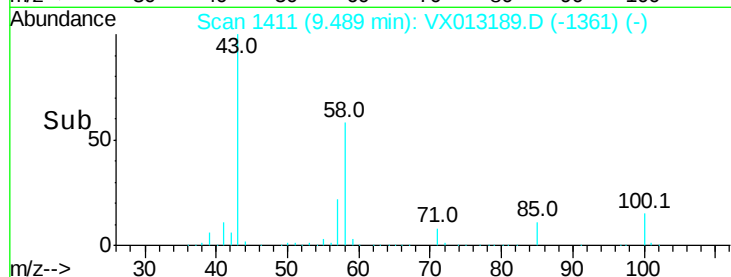
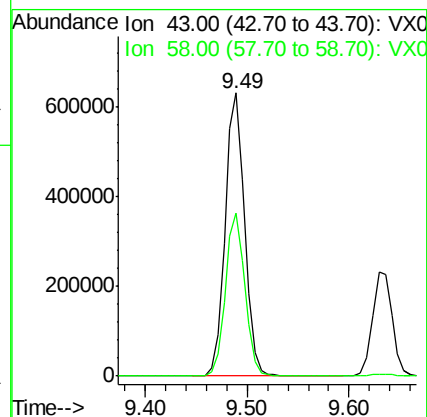
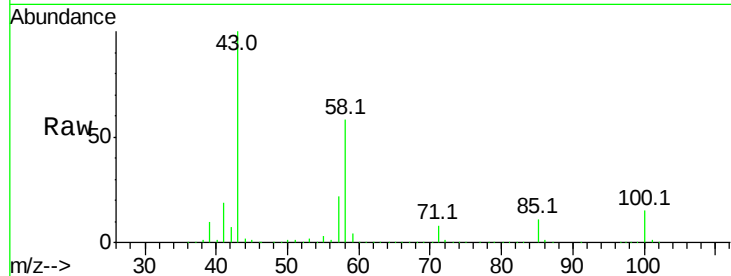




#59
2-Hexanone
Concen: 479.823 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

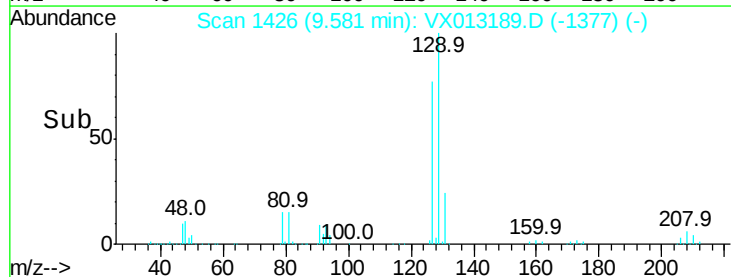
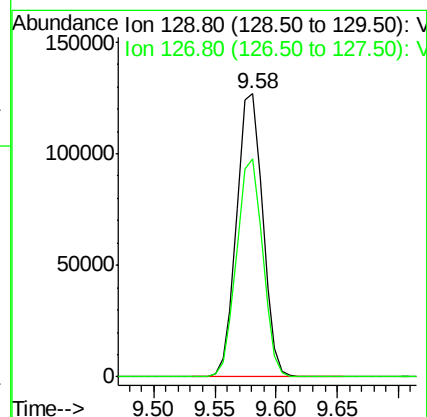
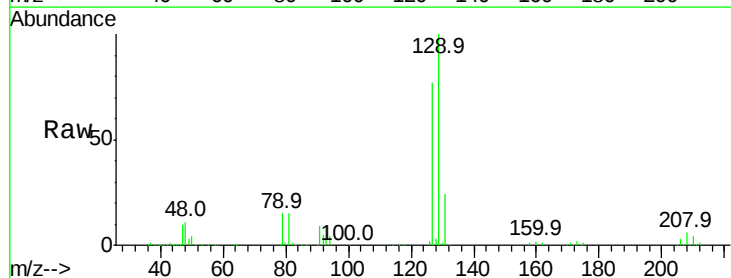
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

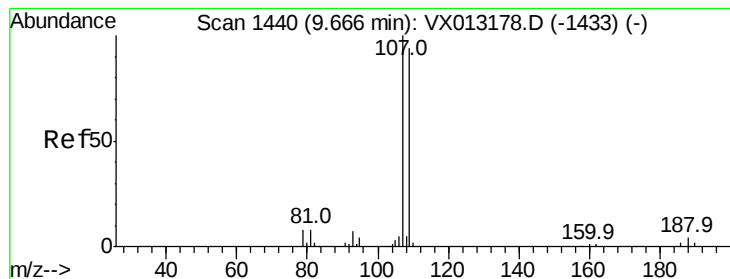
Tgt Ion: 43 Resp: 836898
Ion Ratio Lower Upper
43 100
58 57.7 28.4 85.3



#60
Dibromochloromethane
Concen: 106.720 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

Tgt Ion: 129 Resp: 187018
Ion Ratio Lower Upper
129 100
127 77.0 39.0 116.9





#61

1,2-Dibromoethane

Concen: 95.560 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

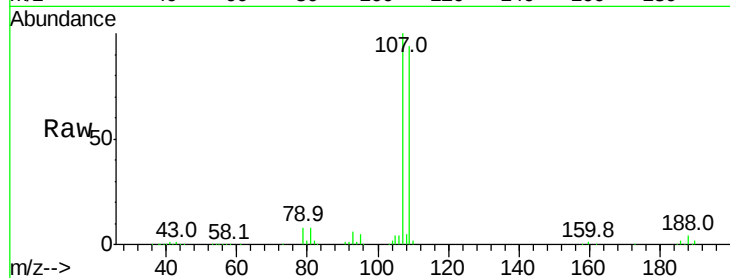
VSTDIC100

Tgt Ion: 107 Resp: 174418

Ion Ratio Lower Upper

107 100

109 94.9 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

150000

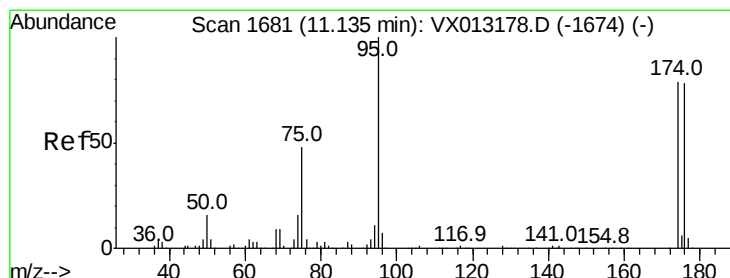
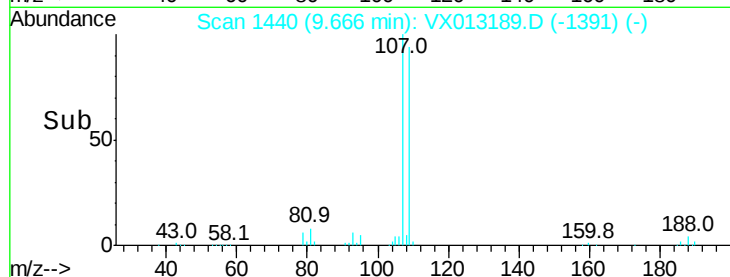
100000

50000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 97.238 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

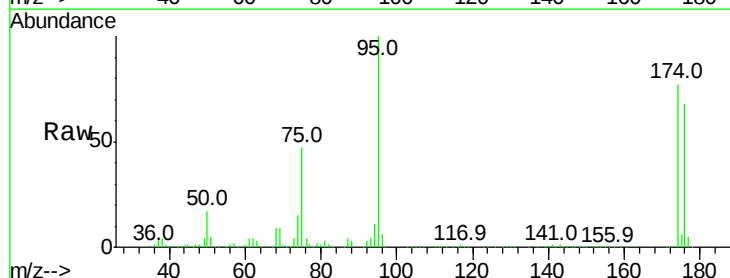
Tgt Ion: 95 Resp: 219290

Ion Ratio Lower Upper

95 100

174 76.0 0.0 155.6

176 71.8 0.0 151.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

200000

150000

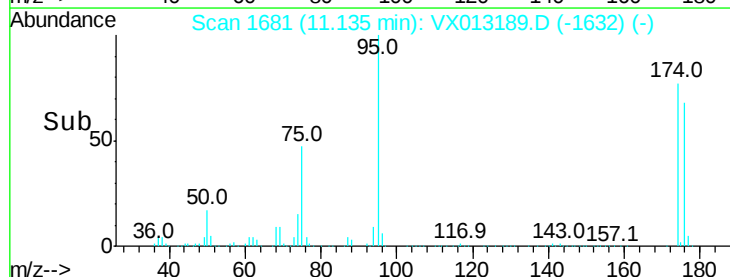
100000

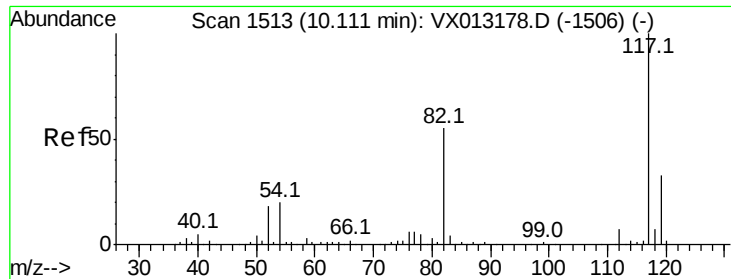
50000

0

Time-->

11.10 11.20

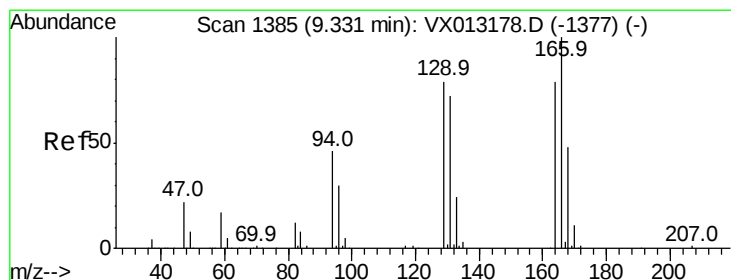
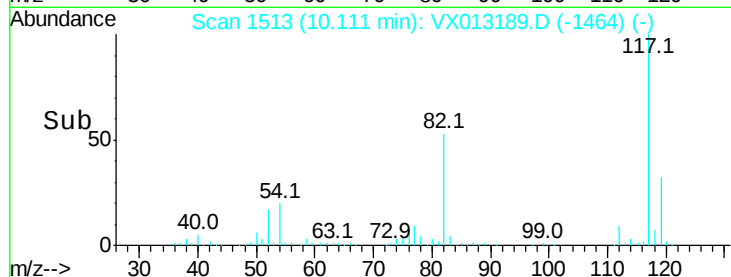
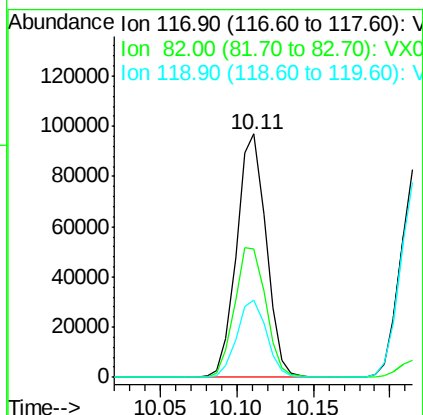
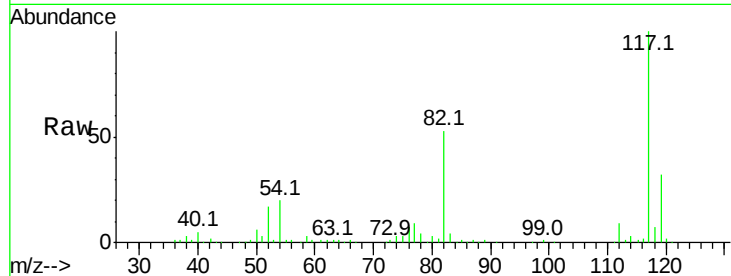




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

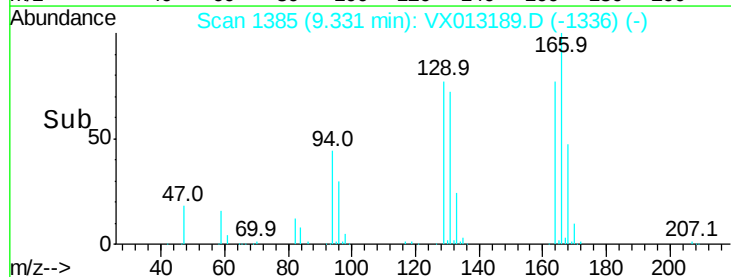
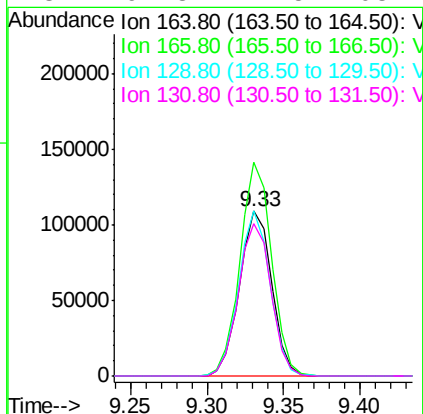
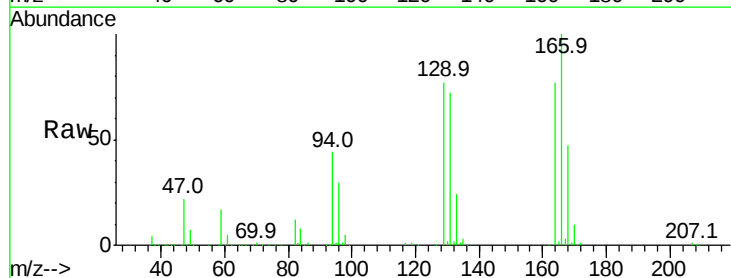
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

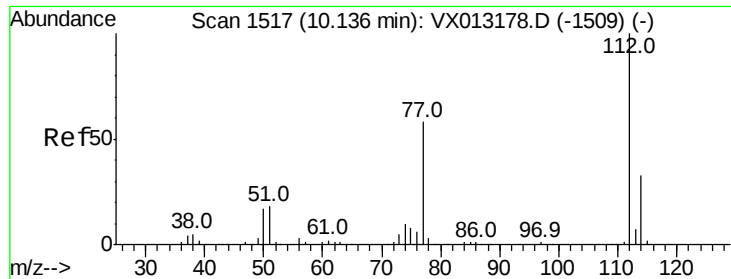
Tgt Ion:117 Resp: 130154
Ion Ratio Lower Upper
117 100
82 52.8 44.0 66.0
119 31.6 26.3 39.5



#64
Tetrachloroethene
Concen: 90.301 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

Tgt Ion:164 Resp: 159622
Ion Ratio Lower Upper
164 100
166 129.7 101.3 151.9
129 100.3 79.9 119.9
131 92.8 72.5 108.7

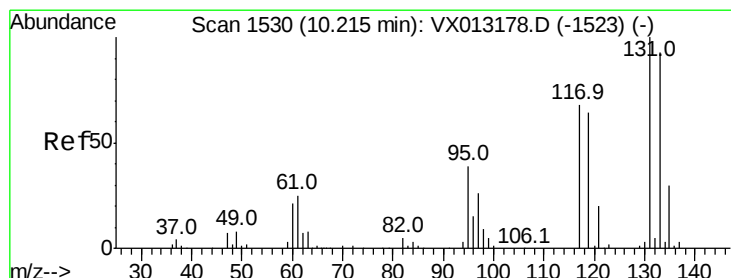
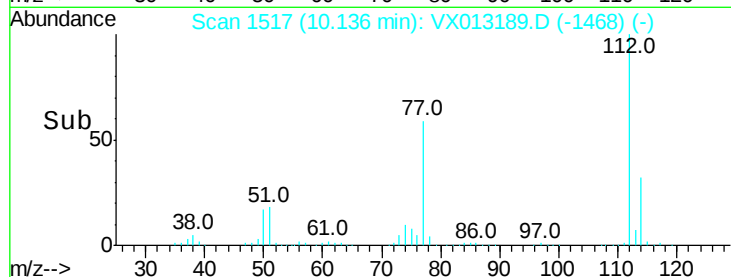
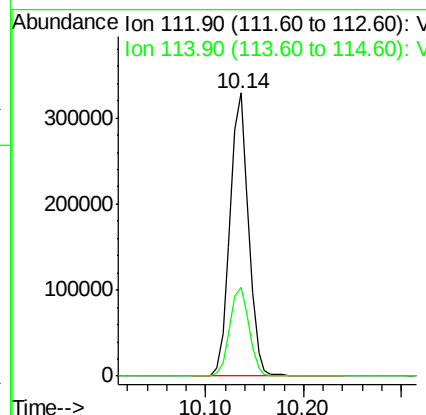
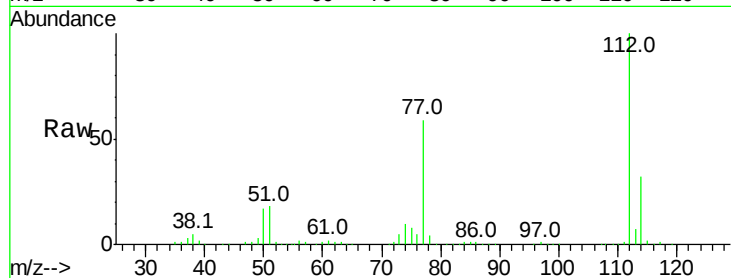




#65
Chlorobenzene
Concen: 95.393 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

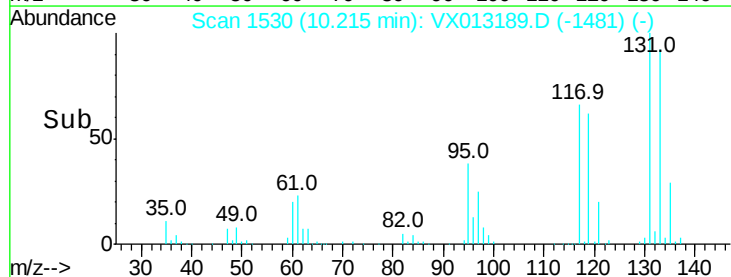
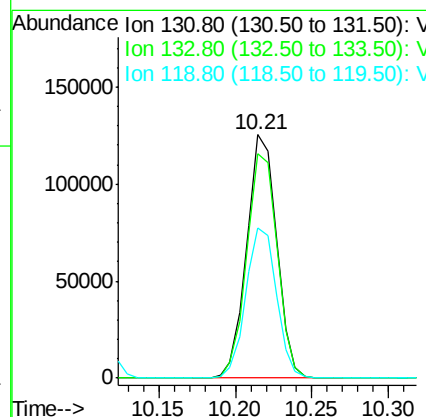
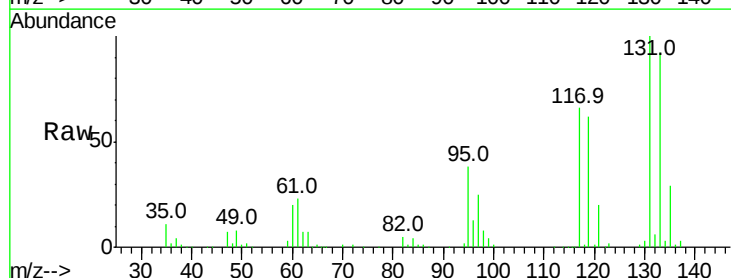
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

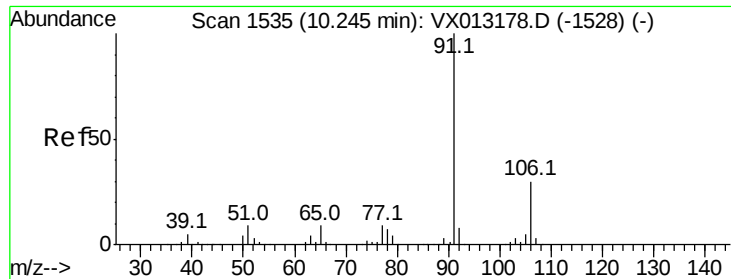
Tgt Ion:112 Resp: 433729
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 102.692 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

Tgt Ion:131 Resp: 171032
Ion Ratio Lower Upper
131 100
133 94.0 47.3 141.9
119 63.3 31.6 94.8

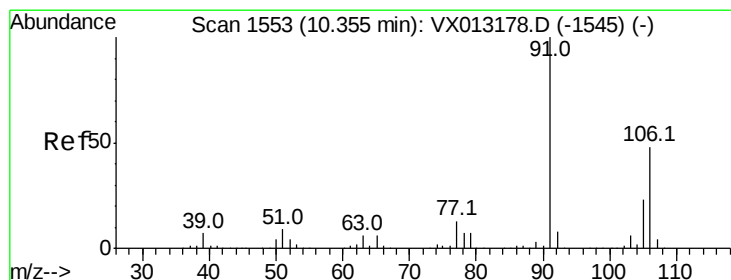
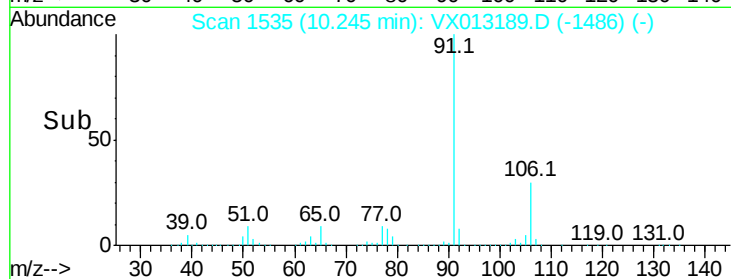
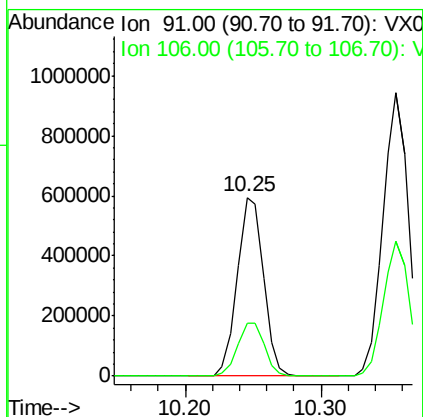
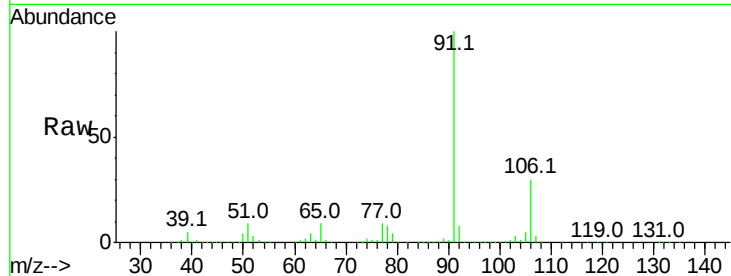




#67
Ethyl Benzene
Concen: 98.251 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

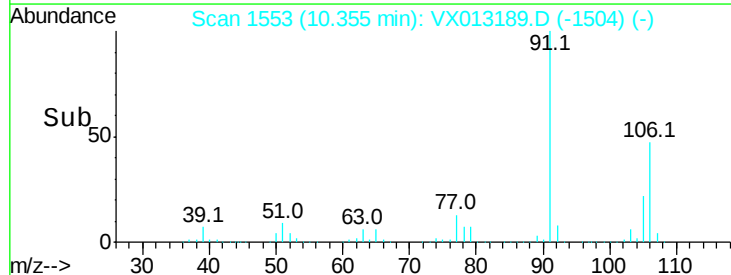
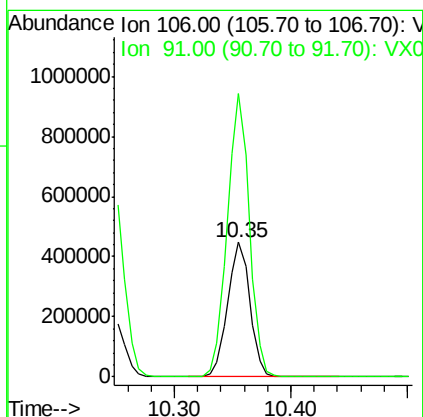
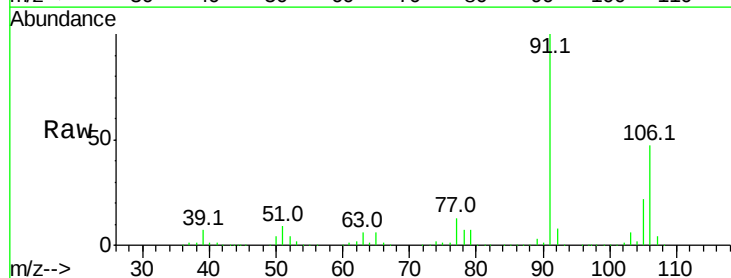
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

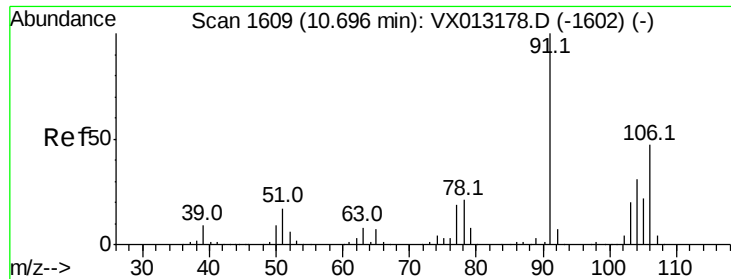
Tgt Ion: 91 Resp: 798561
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6



#68
m/p-Xylenes
Concen: 194.129 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

Tgt Ion: 106 Resp: 596384
Ion Ratio Lower Upper
106 100
91 207.4 166.3 249.5

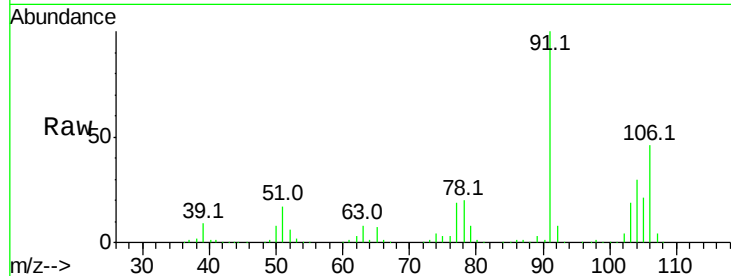




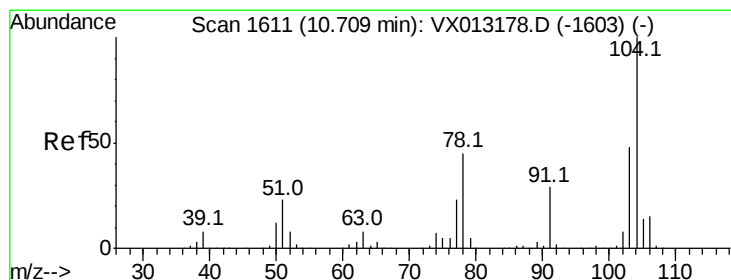
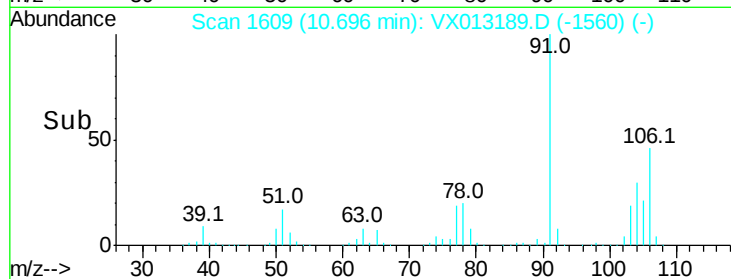
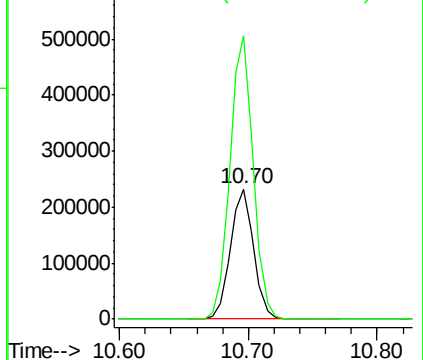
#69
o-Xylene
Concen: 97.488 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 291768
Ion Ratio Lower Upper
106 100
91 218.5 109.5 328.4

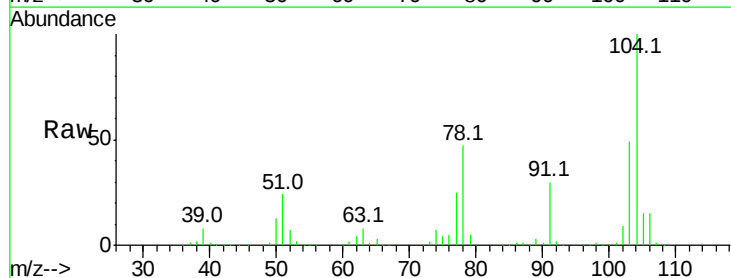


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

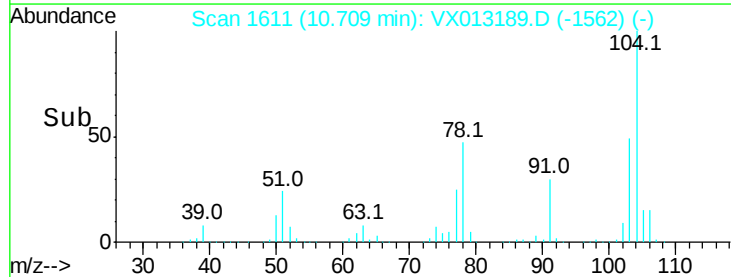
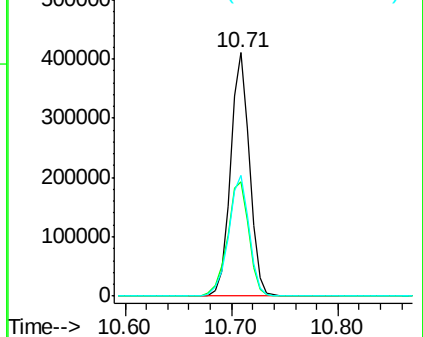


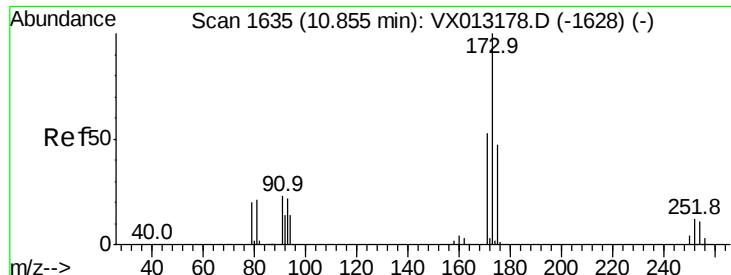
#70
Styrene
Concen: 101.622 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

Tgt Ion:104 Resp: 511727
Ion Ratio Lower Upper
104 100
78 53.3 42.2 63.2
103 53.6 43.0 64.6



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





#71

Bromoform

Concen: 113.652 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

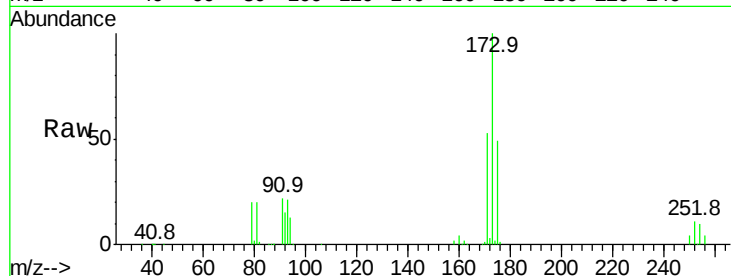
Tgt Ion:173 Resp: 136732

Ion Ratio Lower Upper

173 100

175 48.7 24.4 73.4

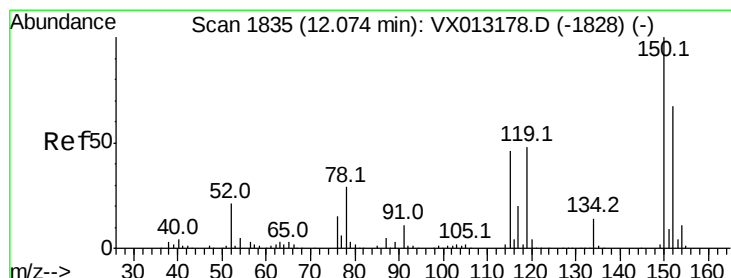
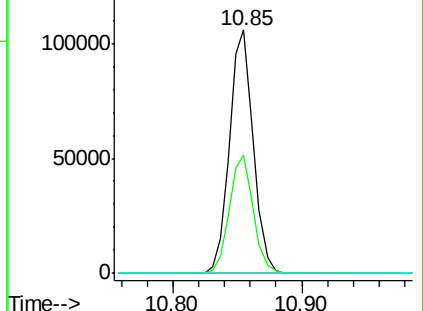
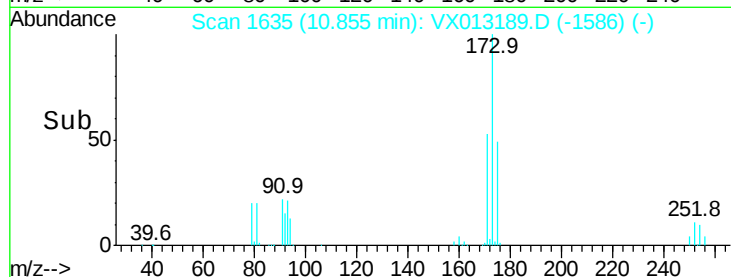
254 0.1 0.1 0.1#



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: VX013189.D

Acq: 23 Oct 2019 14:45

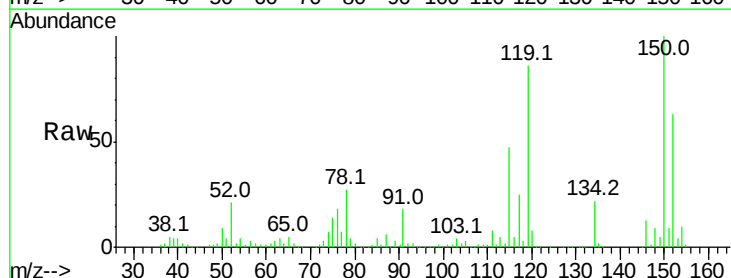
Tgt Ion:152 Resp: 90874

Ion Ratio Lower Upper

152 100

115 120.7 46.3 138.9

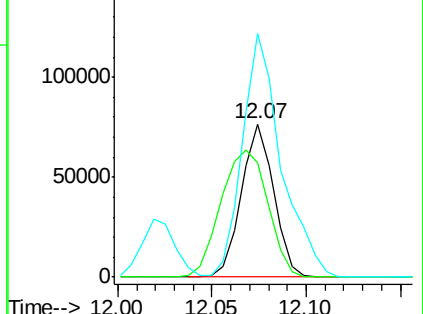
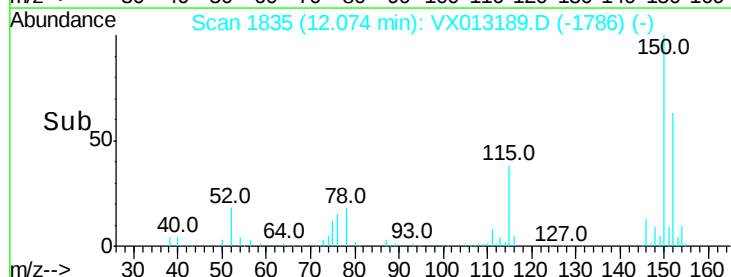
150 192.4 0.0 339.4

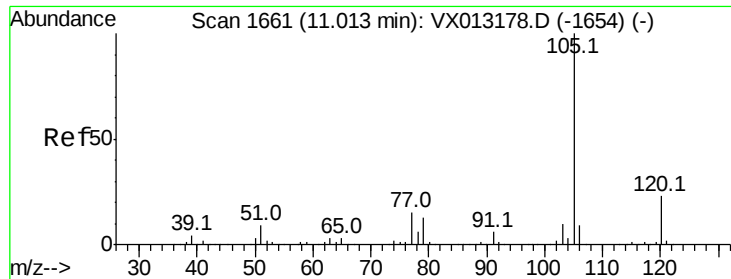


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 97.157 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

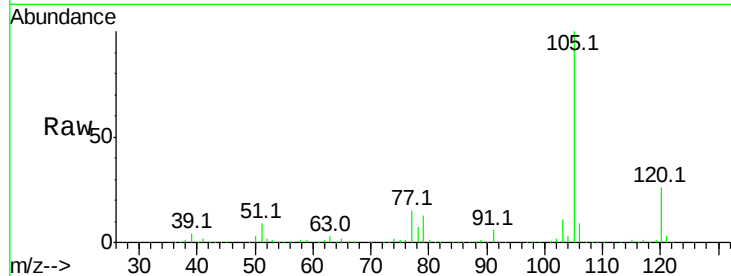
VSTDIC100

Tgt Ion:105 Resp: 791145

Ion Ratio Lower Upper

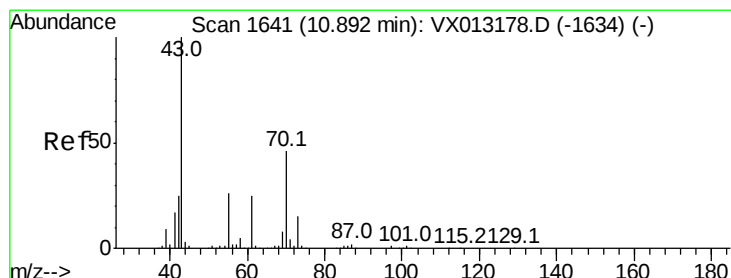
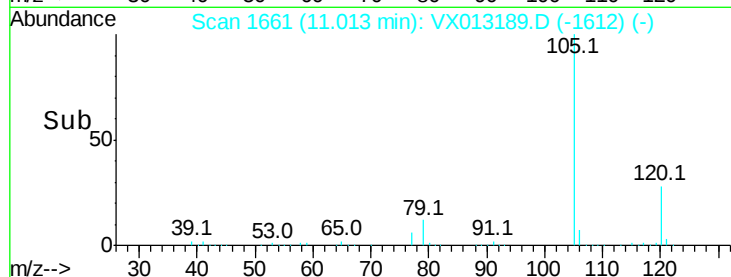
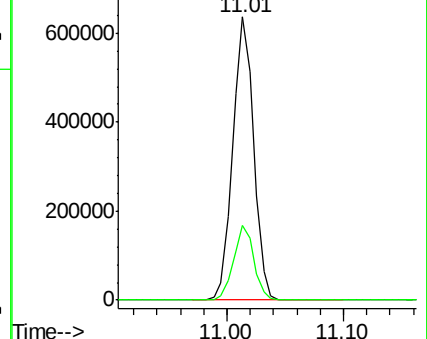
105 100

120 25.6 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 100.645 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Tgt Ion: 43 Resp: 306219

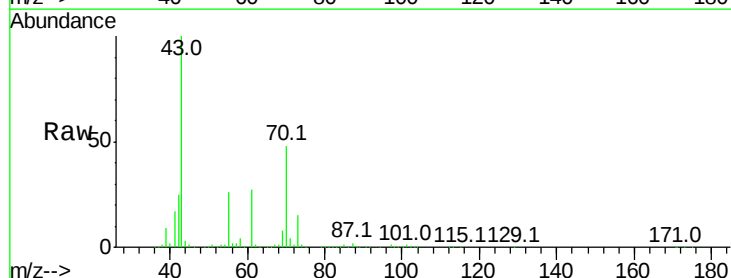
Ion Ratio Lower Upper

43 100

70 48.4 37.8 56.8

55 26.1 20.6 31.0

61 26.7 20.6 31.0

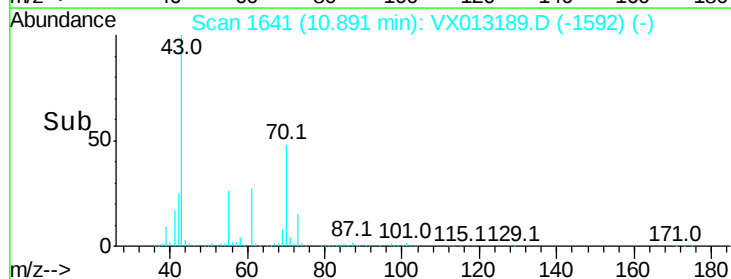
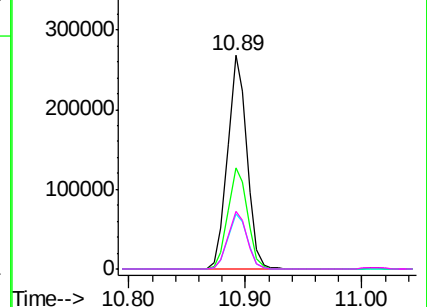


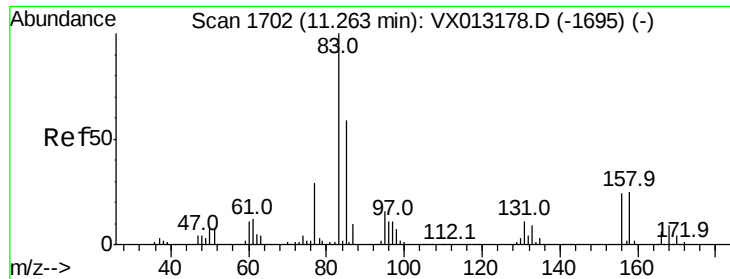
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

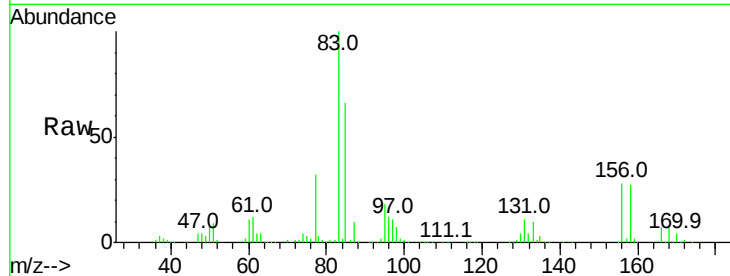




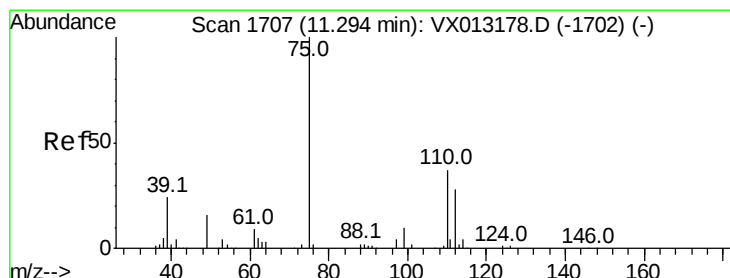
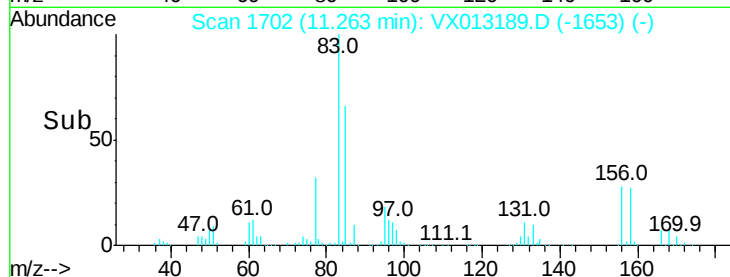
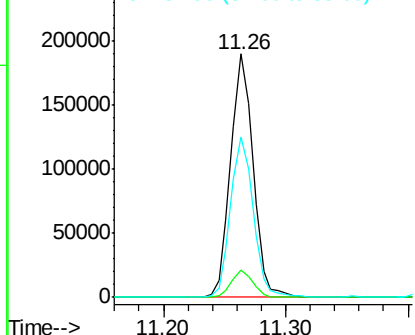
#75
 1,1,2,2-Tetrachloroethane
 Concen: 95.529 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013189.D
 Acq: 23 Oct 2019 14:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 83 Resp: 240888
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.6 16.8
 85 66.5 31.6 94.8

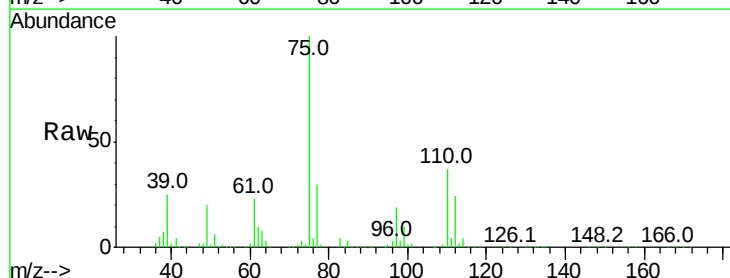


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 130.80 (130.50 to 131.50): V
 Ion 84.90 (84.60 to 85.60): VX0

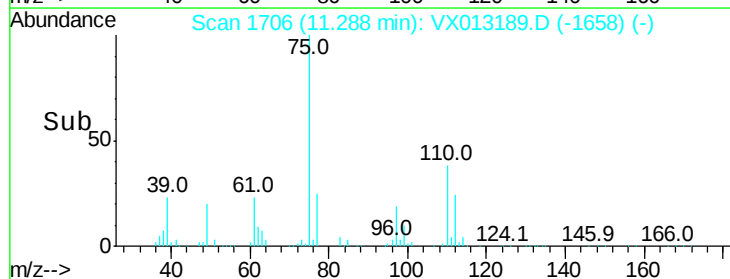
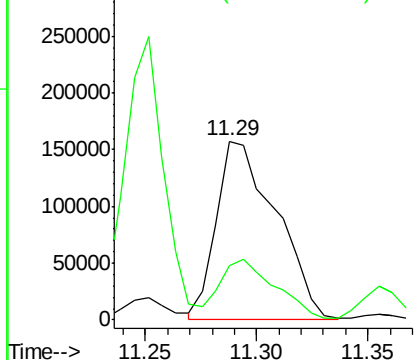


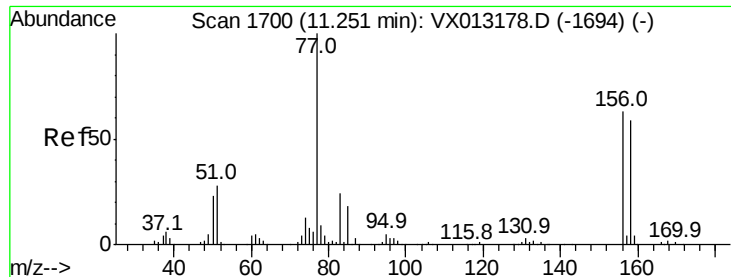
#76
 1,2,3-Trichloropropane
 Concen: 139.668 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX013189.D
 Acq: 23 Oct 2019 14:45

Tgt Ion: 75 Resp: 293854
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.1 66.1



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





#77

Bromobenzene

Concen: 100.855 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

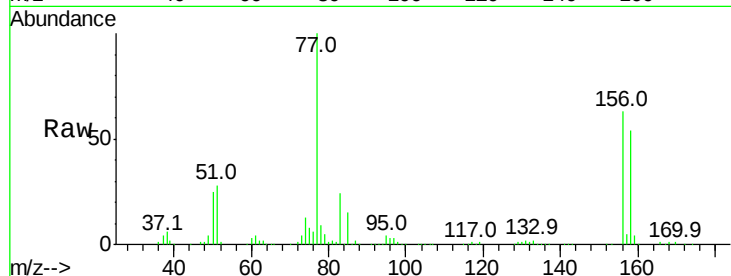
Tgt Ion:156 Resp: 194282

Ion Ratio Lower Upper

156 100

77 157.9 81.5 244.4

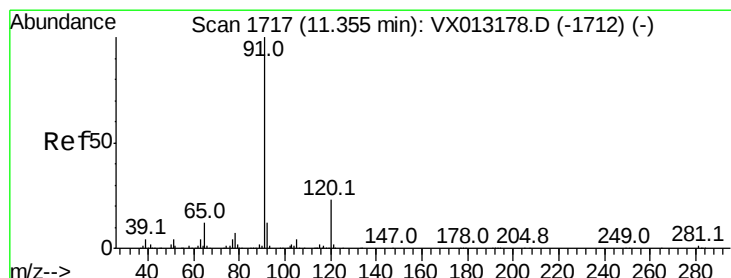
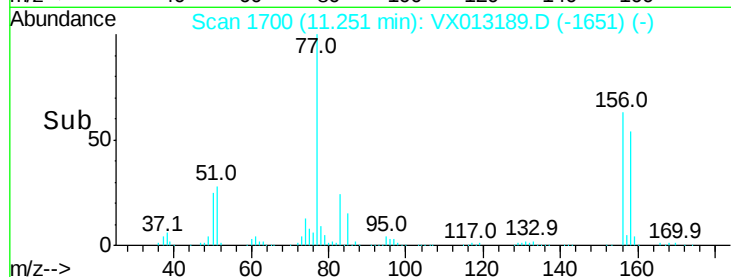
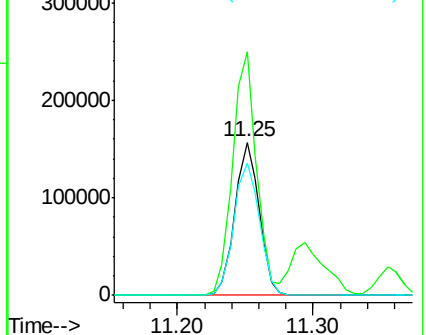
158 91.8 49.0 147.2



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: 101.915 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013189.D

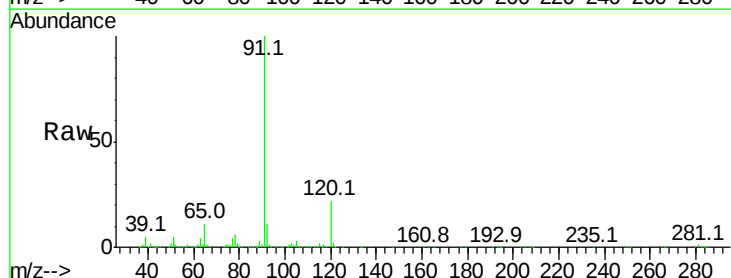
Acq: 23 Oct 2019 14:45

Tgt Ion: 91 Resp: 889221

Ion Ratio Lower Upper

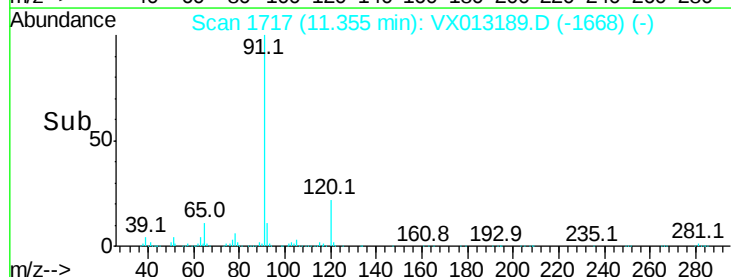
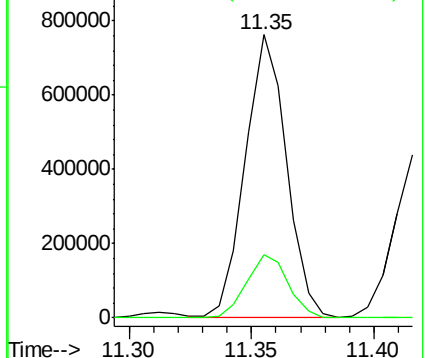
91 100

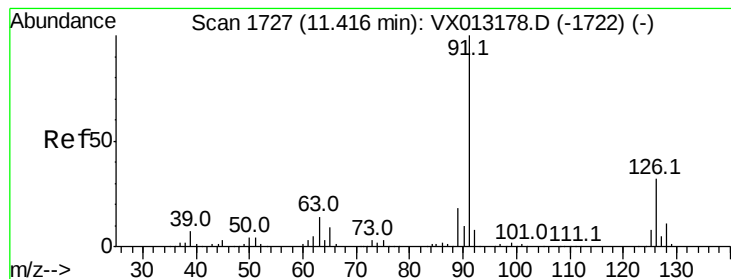
120 22.7 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 94.071 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

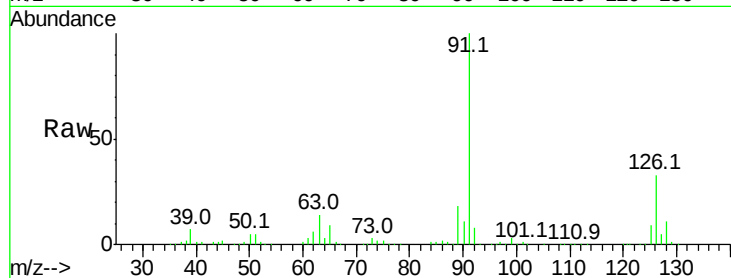
VSTDIC100

Tgt Ion: 91 Resp: 528161

Ion Ratio Lower Upper

91 100

126 33.8 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX013189.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX013189.D (-1722) (-)

800000

600000

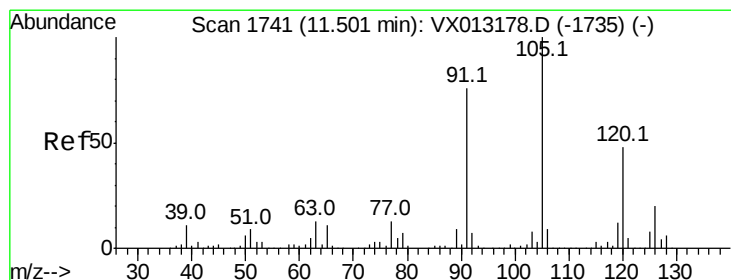
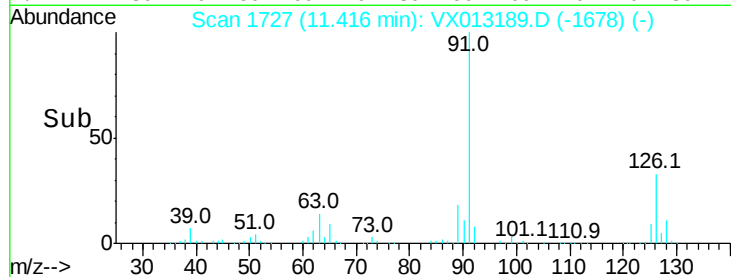
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 102.057 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013189.D

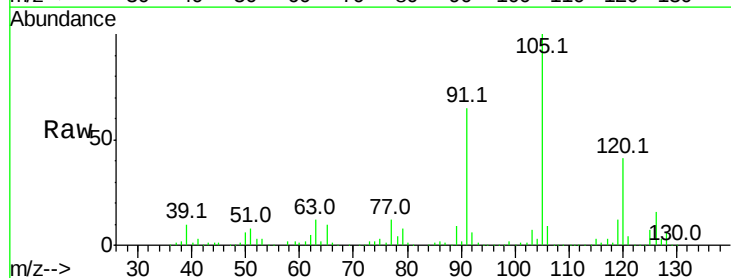
Acq: 23 Oct 2019 14:45

Tgt Ion: 105 Resp: 695365

Ion Ratio Lower Upper

105 100

120 45.3 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX013189.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX013189.D (-1735) (-)

600000

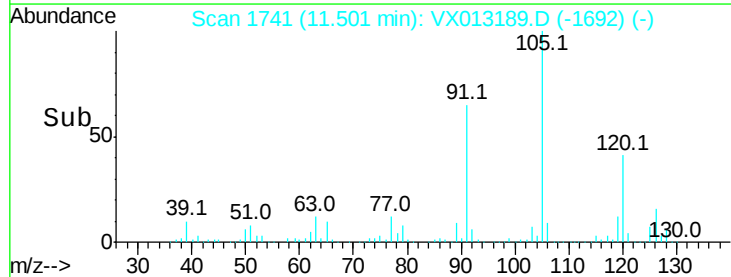
400000

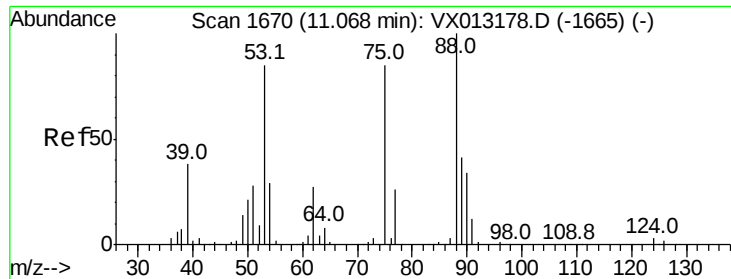
200000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 109.191 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013189.D

Acq: 23 Oct 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

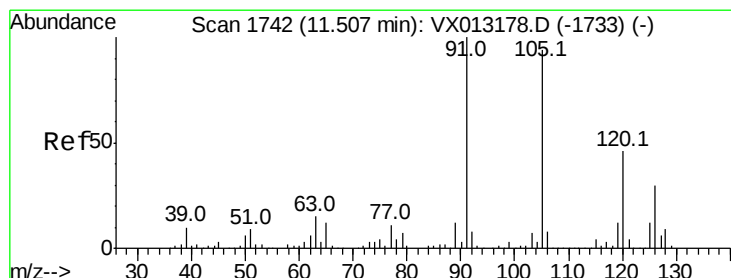
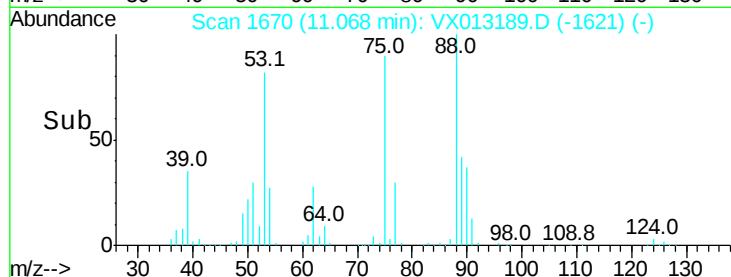
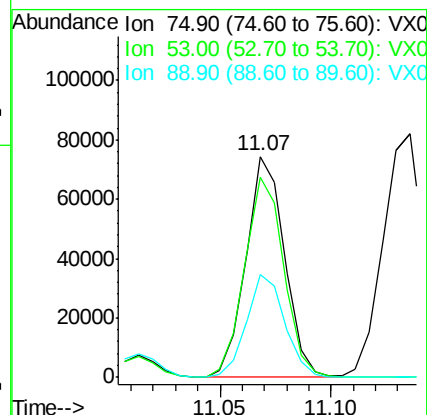
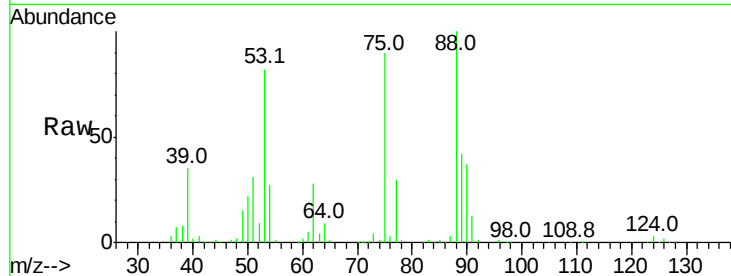
Tgt Ion: 75 Resp: 89838

Ion Ratio Lower Upper

75 100

53 92.2 76.0 114.0

89 46.5 37.7 56.5



#82

4-Chlorotoluene

Concen: 96.179 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013189.D

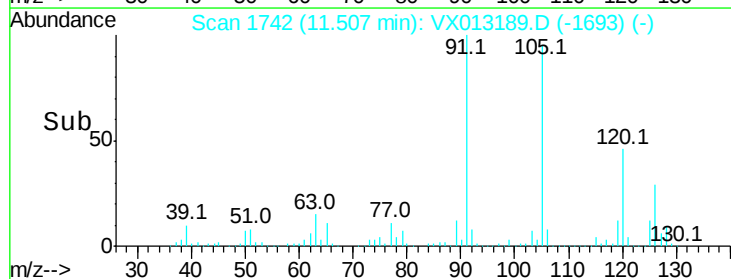
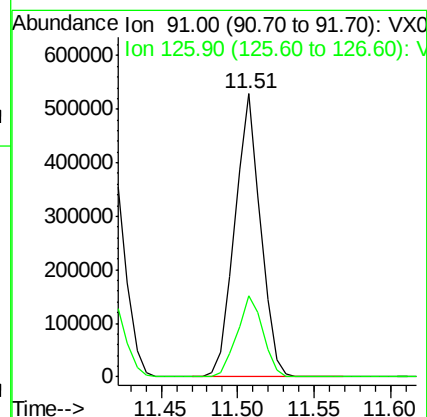
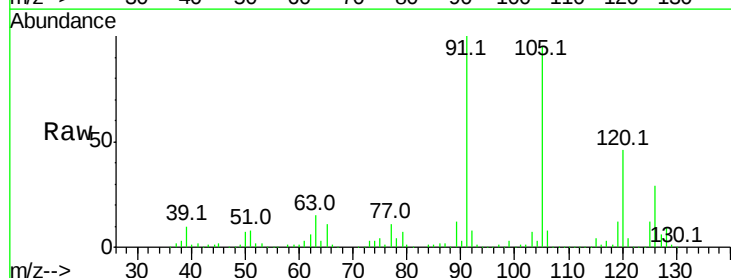
Acq: 23 Oct 2019 14:45

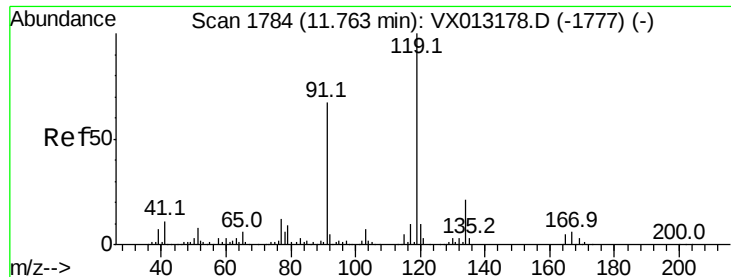
Tgt Ion: 91 Resp: 615544

Ion Ratio Lower Upper

91 100

126 28.9 14.5 43.6

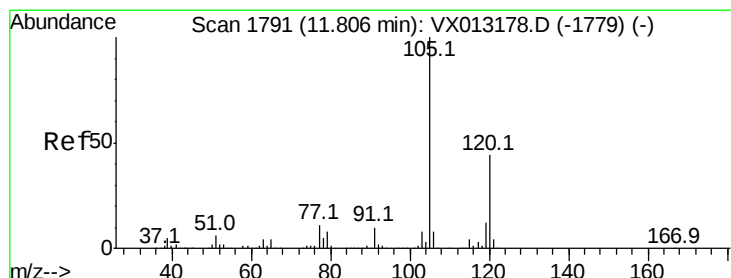
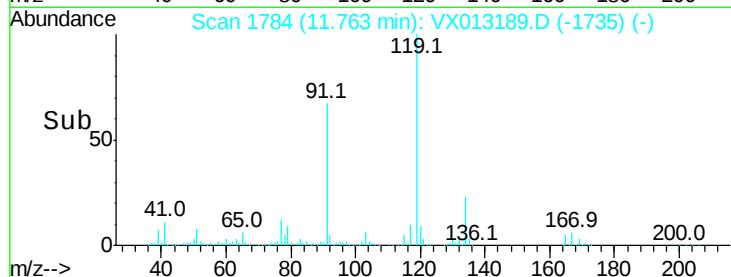
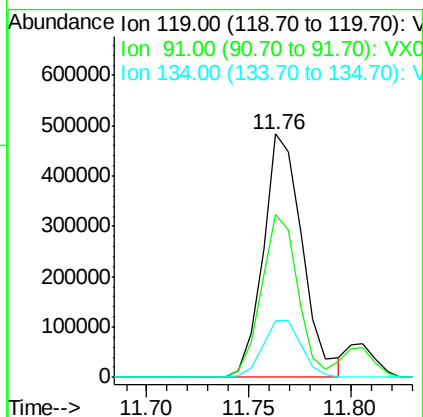
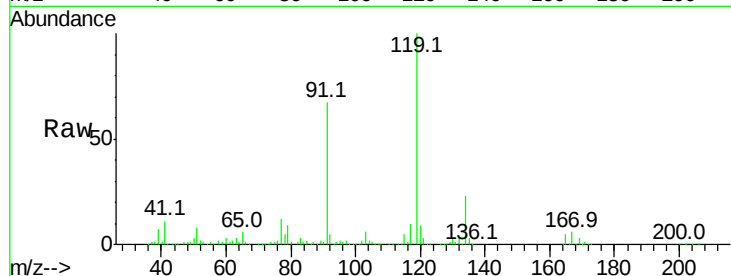




#83
 tert-Butylbenzene
 Concen: 96.938 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013189.D
 Acq: 23 Oct 2019 14:45

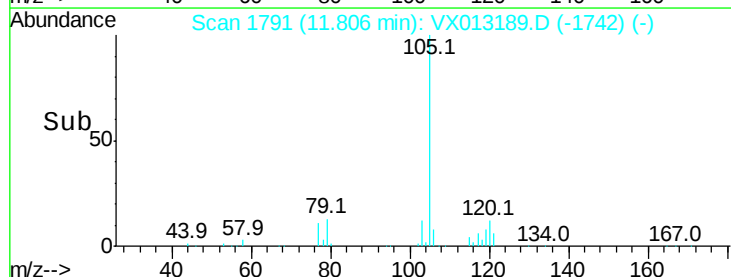
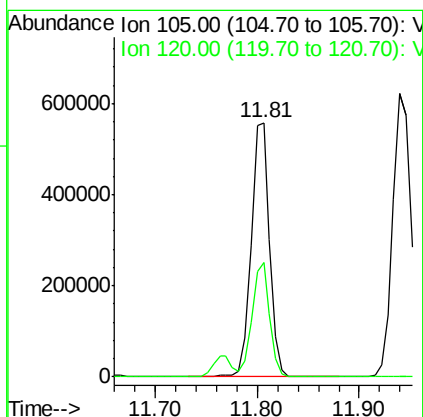
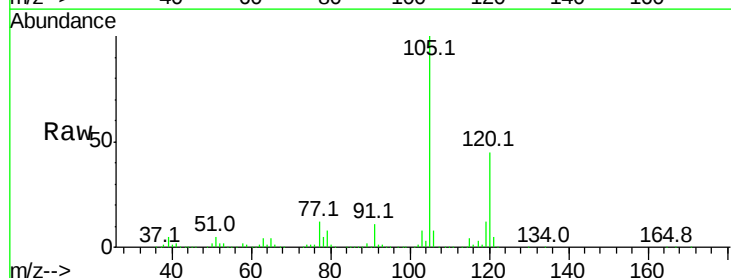
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

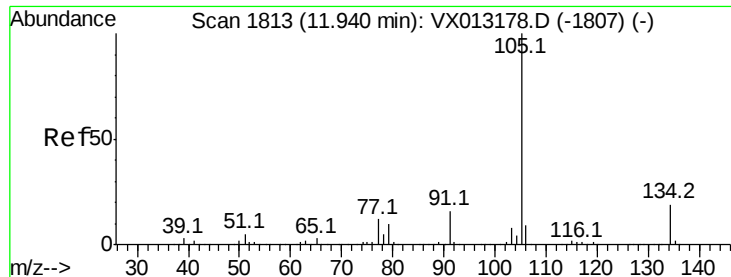
Tgt Ion:119 Resp: 645110
 Ion Ratio Lower Upper
 119 100
 91 62.3 30.4 91.2
 134 23.1 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 100.340 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013189.D
 Acq: 23 Oct 2019 14:45

Tgt Ion:105 Resp: 700649
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.6 64.8

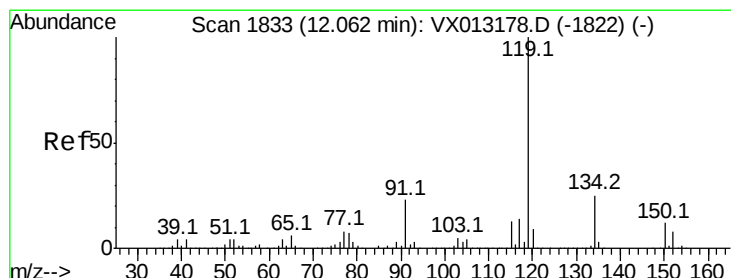
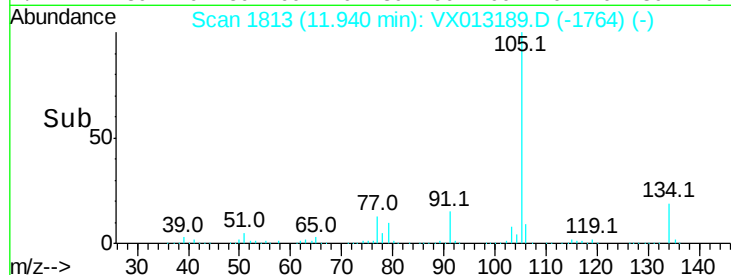
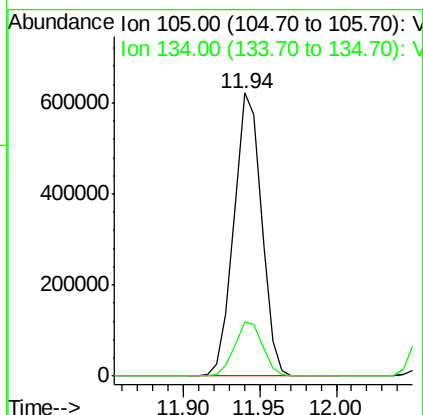
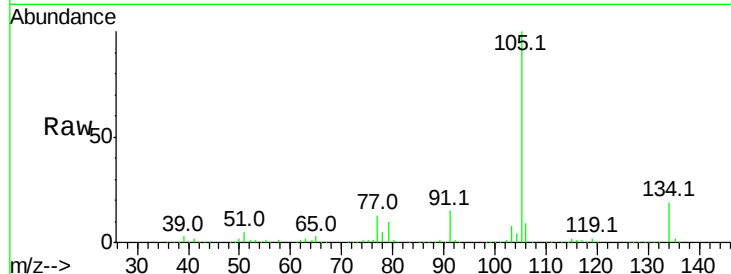




#85
 sec-Butylbenzene
 Concen: 101.459 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013189.D
 Acq: 23 Oct 2019 14:45

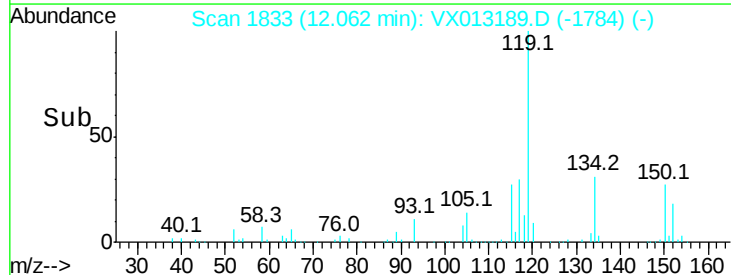
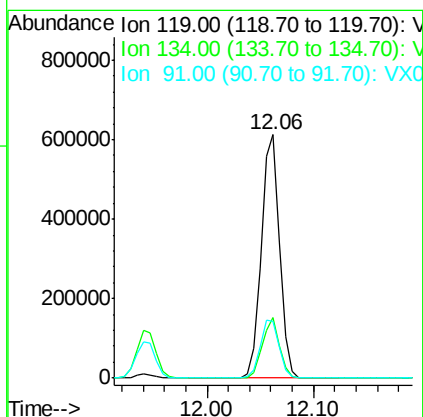
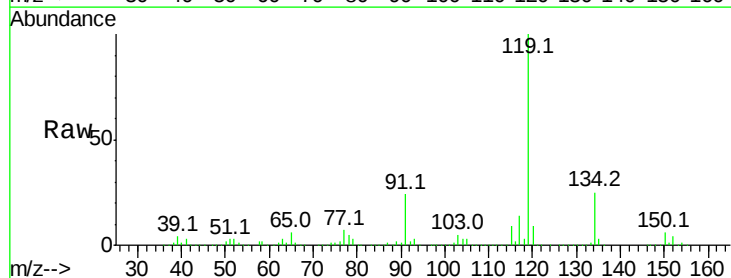
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

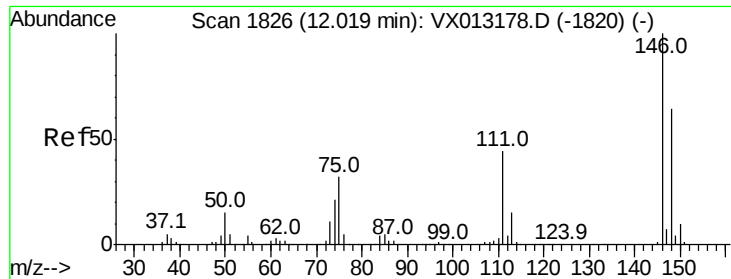
Tgt Ion:105 Resp: 777027
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 101.894 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013189.D
 Acq: 23 Oct 2019 14:45

Tgt Ion:119 Resp: 733528
 Ion Ratio Lower Upper
 119 100
 134 23.6 12.3 36.9
 91 24.9 12.4 37.0

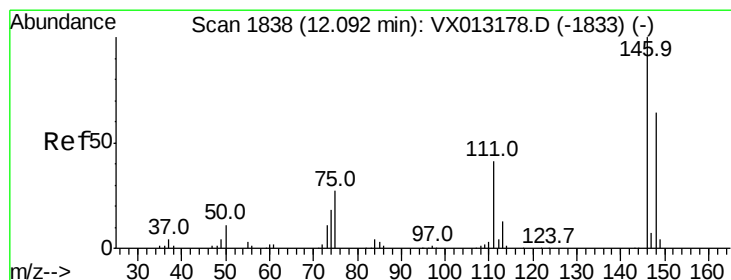
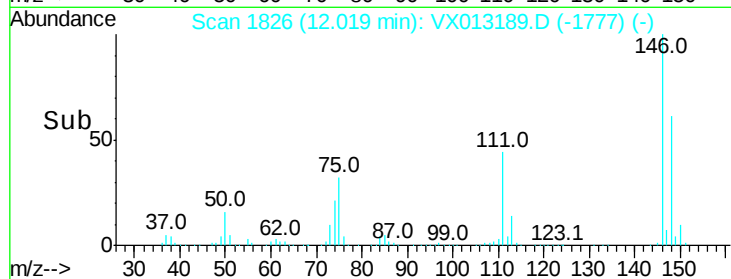
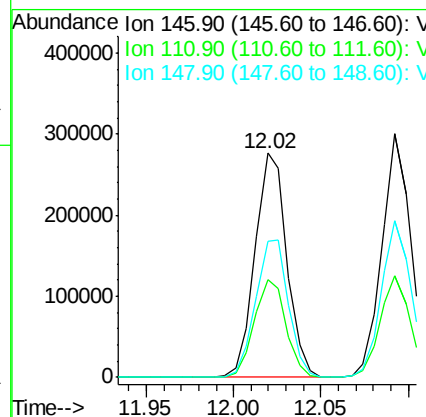
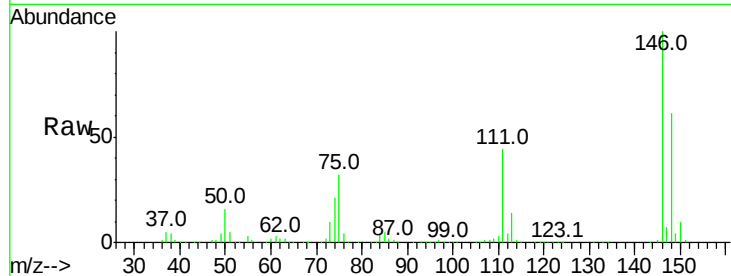




#87
 1,3-Dichlorobenzene
 Concen: 97.092 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013189.D
 Acq: 23 Oct 2019 14:45

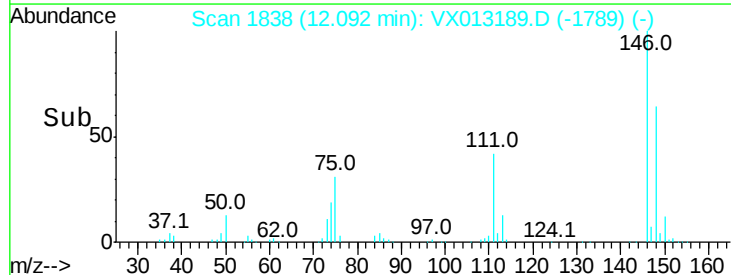
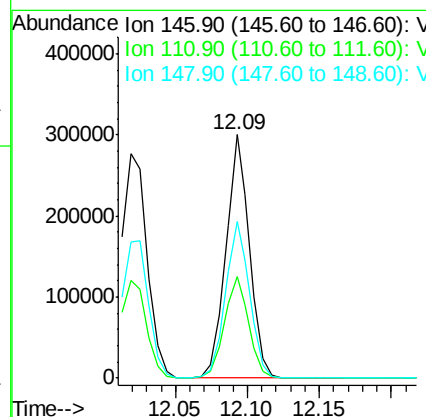
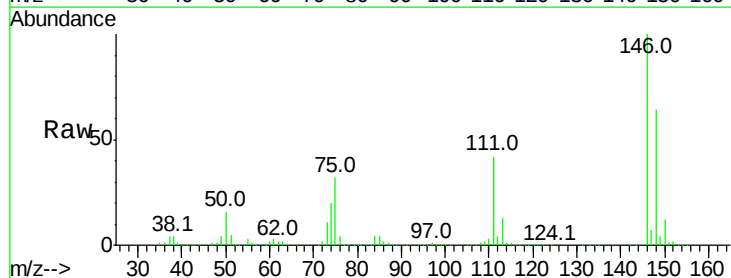
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

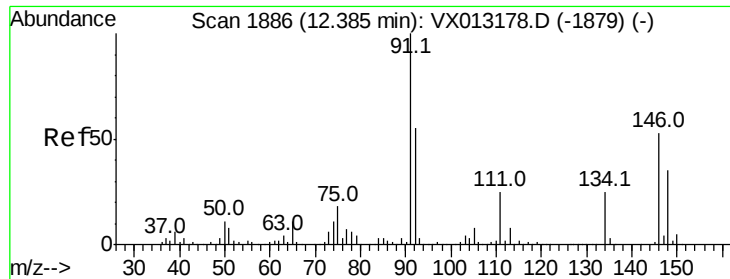
Tgt Ion:146 Resp: 348927
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.6 64.8
 148 63.4 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 94.338 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013189.D
 Acq: 23 Oct 2019 14:45

Tgt Ion:146 Resp: 344246
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.1 63.1
 148 66.0 32.5 97.5

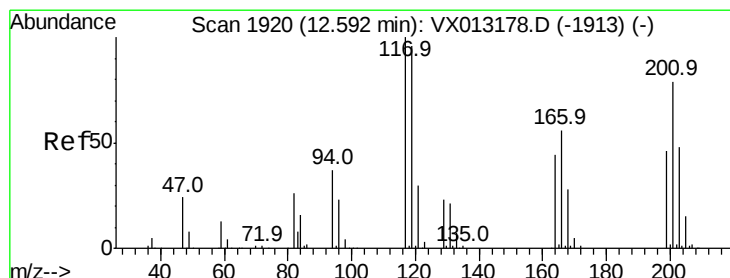
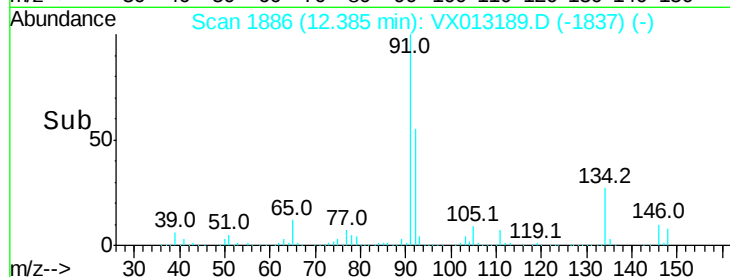
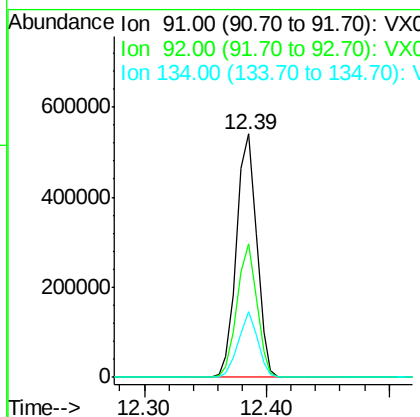
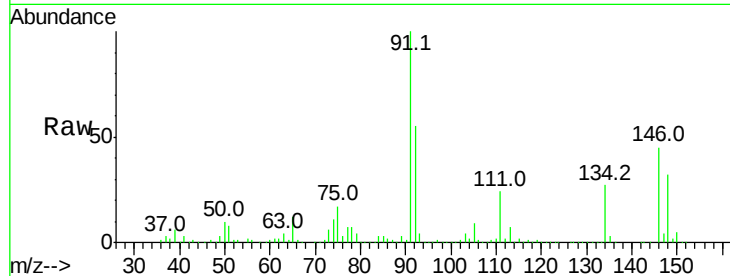




#89
n-Butylbenzene
Concen: 103.314 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

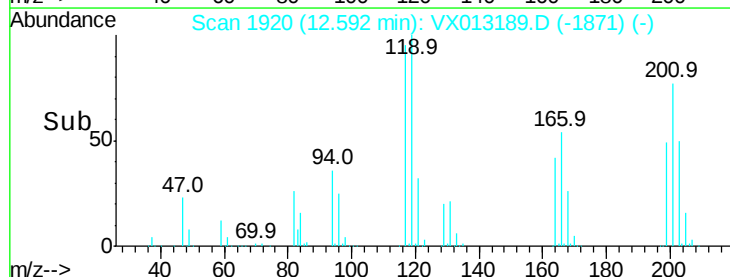
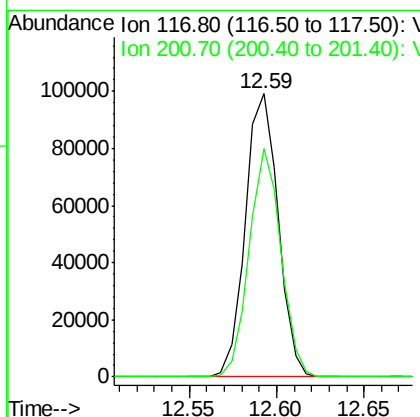
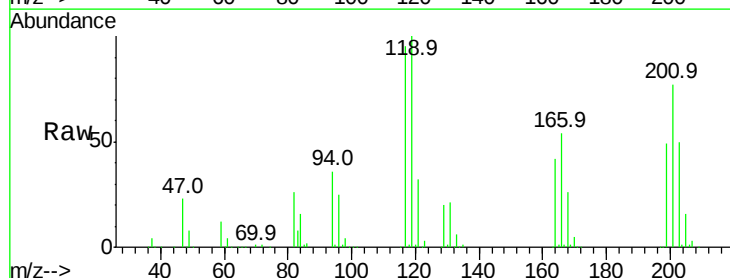
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

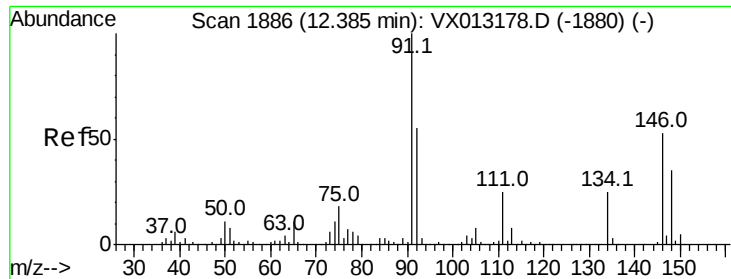
Tgt Ion: 91 Resp: 614886
Ion Ratio Lower Upper
91 100
92 53.7 27.3 81.8
134 25.7 12.9 38.6



#90
Hexachloroethane
Concen: 105.345 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013189.D
Acq: 23 Oct 2019 14:45

Tgt Ion: 117 Resp: 129070
Ion Ratio Lower Upper
117 100
201 78.2 38.5 115.3

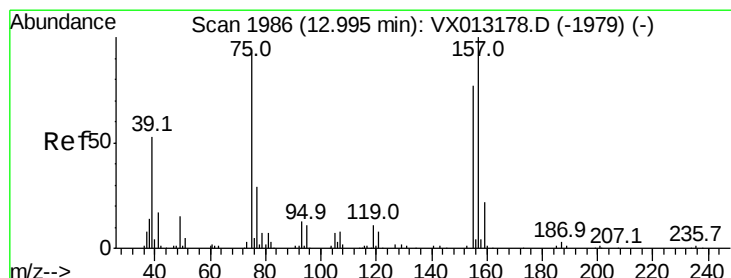
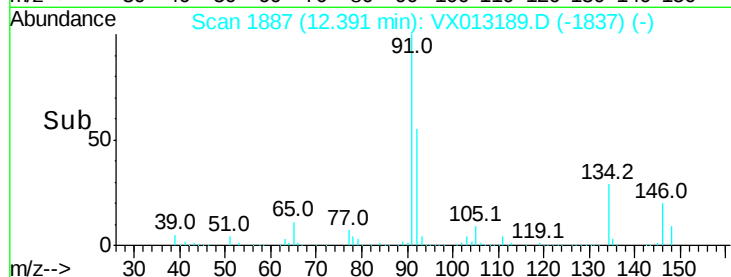
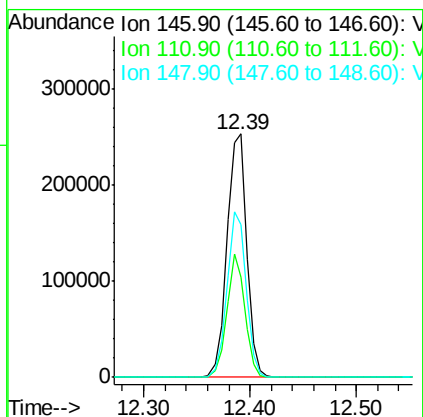
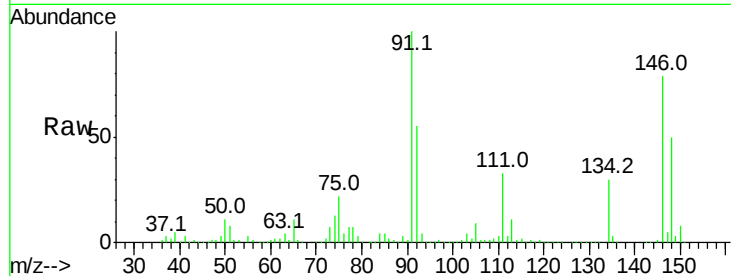




#91
 1,2-Dichlorobenzene
 Concen: 93.950 ug/l
 RT: 12.39 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: VX013189.D
 Acq: 23 Oct 2019 14:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:146 Resp: 328281
 Ion Ratio Lower Upper
 146 100
 111 46.3 22.4 67.0
 148 66.0 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 99.782 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013189.D
 Acq: 23 Oct 2019 14:45

Tgt Ion: 75 Resp: 60785
 Ion Ratio Lower Upper
 75 100
 155 87.5 42.4 127.2
 157 108.8 54.4 163.1

