

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112119\
 Data File : VX013516.D
 Acq On : 21 Nov 2019 20:16
 Operator : JC/SP
 Sample : K5962-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20191120MS

Quant Time: Nov 22 01:12:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	632516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1003415	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	903638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	442119	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	360694	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
35) Dibromofluoromethane	5.49	113	298172	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	8.71	98	1112492	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
62) 4-Bromofluorobenzene	11.14	95	402807	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	400816	54.998	ug/l	99
3) Chloromethane	1.31	50	339813	42.997	ug/l	98
4) Vinyl Chloride	1.40	62	1892140	210.296	ug/l	100
5) Bromomethane	1.62	94	251230	40.068	ug/l	99
6) Chloroethane	1.71	64	231151	44.819	ug/l	99
7) Trichlorofluoromethane	1.92	101	456175	42.914	ug/l	100
8) Diethyl Ether	2.18	74	220961	47.006	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	338826	57.188	ug/l	99
10) Methyl Iodide	2.50	142	297811	40.599	ug/l	97
11) Tert butyl alcohol	3.04	59	448640	227.154	ug/l	99
12) 1,1-Dichloroethene	2.36	96	412870	71.160	ug/l	98
13) Acrolein	2.28	56	214961	200.819	ug/l	97
14) Allyl chloride	2.72	41	511734	48.543	ug/l	96
15) Acrylonitrile	3.13	53	966042	261.849	ug/l	99
16) Acetone	2.43	43	832944	222.854	ug/l	100
17) Carbon Disulfide	2.56	76	653911	42.108	ug/l	100
18) Methyl Acetate	2.76	43	534801	51.828	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1027231	53.083	ug/l	98
20) Methylene Chloride	2.84	84	331404	47.990	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	471803	74.685	ug/l	98
22) Diisopropyl ether	3.84	45	1082332	53.179	ug/l	98
23) Vinyl Acetate	3.80	43	4227552	242.747	ug/l	100
24) 1,1-Dichloroethane	3.69	63	576583	50.643	ug/l	99
25) 2-Butanone	4.66	43	1325974	241.827	ug/l	100
26) 2,2-Dichloropropane	4.58	77	409958	45.263	ug/l #	1
27) cis-1,2-Dichloroethene	4.59	96	21174958	2992.222	ug/l	85
28) Bromochloromethane	5.01	49	155415	48.077	ug/l	95
29) Tetrahydrofuran	5.11	42	885488	262.060	ug/l	100
30) Chloroform	5.20	83	569722	50.677	ug/l	96
31) Cyclohexane	5.57	56	471274	46.001	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	475831	49.181	ug/l	99
36) 1,1-Dichloropropene	5.79	75	407495	47.339	ug/l	99
37) Ethyl Acetate	4.82	43	485706	45.663	ug/l #	81
38) Carbon Tetrachloride	5.78	117	400910	47.627	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	458727	42.768	ug/l	99
40) Benzene	6.14	78	1298766	48.436	ug/l	98
41) Methacrylonitrile	5.03	41	292888	49.127	ug/l	99
42) 1,2-Dichloroethane	6.19	62	465872	48.168	ug/l	99
43) Isopropyl Acetate	6.44	43	822855	49.680	ug/l	99
44) Trichloroethene	7.21	130	21528972	2916.843	ug/l	92
45) 1,2-Dichloropropane	7.51	63	340272	49.805	ug/l	98
46) Dibromomethane	7.65	93	221813	47.551	ug/l	97
47) Bromodichloromethane	7.89	83	445524	50.649	ug/l	99
48) Methyl methacrylate	7.76	41	424170	51.303	ug/l	97
49) 1,4-Dioxane	7.73	88	164130	866.827	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2705472	248.965	ug/l	99
52) Toluene	8.78	92	806169	48.509	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	488906	50.829	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	539106	50.105	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	347269	50.413	ug/l	99
56) Ethyl methacrylate	9.17	69	559929	47.688	ug/l	98
57) 1,3-Dichloropropane	9.37	76	586245	50.135	ug/l	100
59) 2-Hexanone	9.48	43	2069077	246.387	ug/l	98
60) Dibromochloromethane	9.58	129	369609	52.464	ug/l	99
61) 1,2-Dibromoethane	9.67	107	364766	49.868	ug/l	99
64) Tetrachloroethene	9.33	164	297360	45.968	ug/l	99
65) Chlorobenzene	10.14	112	896086	48.981	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	341915	50.901	ug/l	100
67) Ethyl Benzene	10.25	91	1547912	49.024	ug/l	100
68) m/p-Xylenes	10.36	106	1171996	98.147	ug/l	99
69) o-Xylene	10.70	106	579997	49.611	ug/l	98
70) Styrene	10.71	104	997055	51.020	ug/l	98
71) Bromoform	10.85	173	287902	46.467	ug/l	100
73) Isopropylbenzene	11.01	105	1517218	51.759	ug/l	100
74) N-amyl acetate	10.89	43	710163	52.244	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	565623	52.892	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	633773	70.576	ug/l	79
77) Bromobenzene	11.25	156	402502	51.507	ug/l	99
78) n-propylbenzene	11.35	91	1682490	51.526	ug/l	100
79) 2-Chlorotoluene	11.42	91	1007100	51.191	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1257939	51.520	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	176945	50.718	ug/l	97
82) 4-Chlorotoluene	11.51	91	1143912	49.671	ug/l	99
83) tert-Butylbenzene	11.76	119	1306711	53.165	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1262976	51.565	ug/l	98
85) sec-Butylbenzene	11.94	105	1446894	51.221	ug/l	100
86) p-Isopropyltoluene	12.06	119	1329147	51.099	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	685013	49.177	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	694372	48.927	ug/l	99
89) n-Butylbenzene	12.39	91	1095932	48.286	ug/l	100
90) Hexachloroethane	12.59	117	243892	52.626	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	704522	50.598	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	123164	47.273	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	459896	47.351	ug/l	97

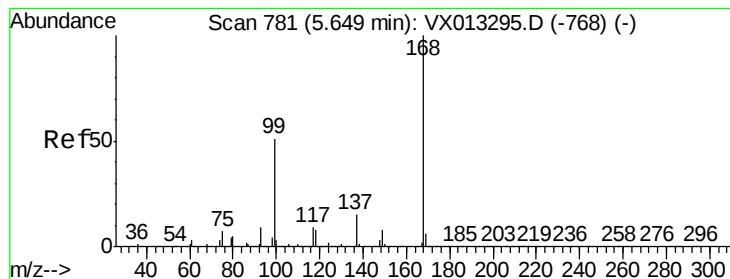
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	209292	44.046	ug/l	99
95) Naphthalene	13.83	128	1504264	49.364	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	476103	48.879	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

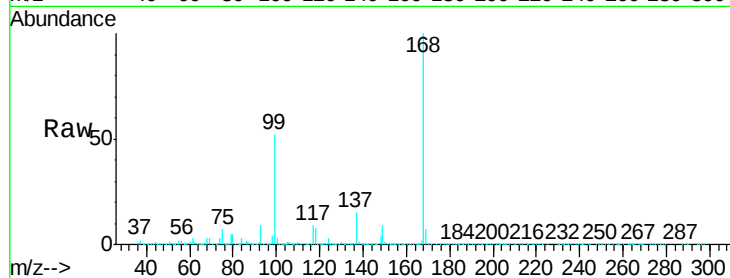
15BR-20191120MS

Tgt Ion:168 Resp: 632516

Ion Ratio Lower Upper

168 100

99 51.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

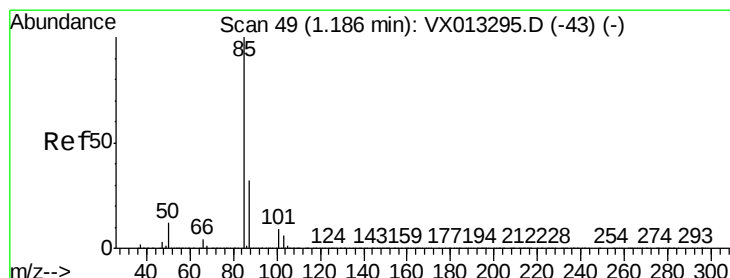
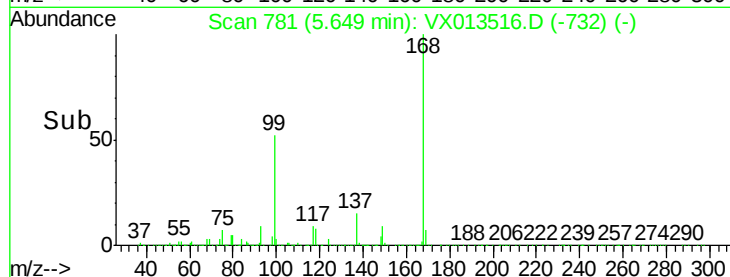
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.998 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013516.D

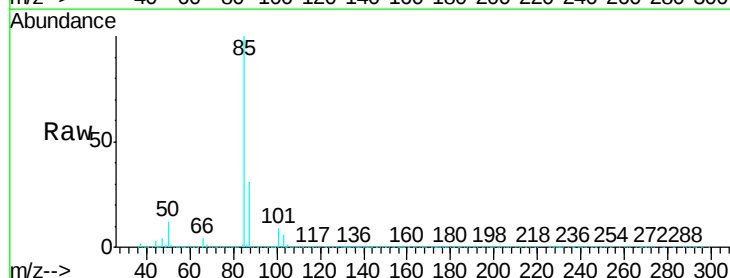
Acq: 21 Nov 2019 20:16

Tgt Ion: 85 Resp: 400816

Ion Ratio Lower Upper

85 100

87 31.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

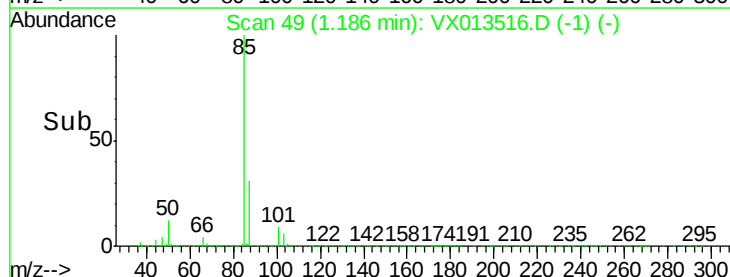
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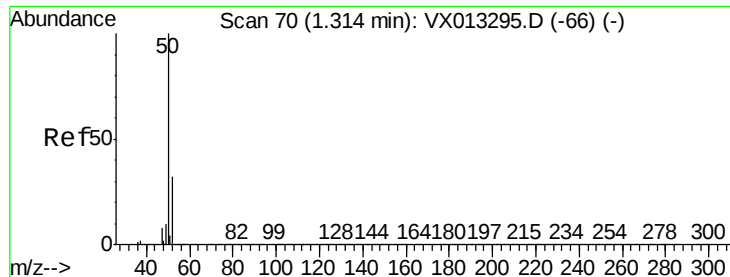
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Time-->

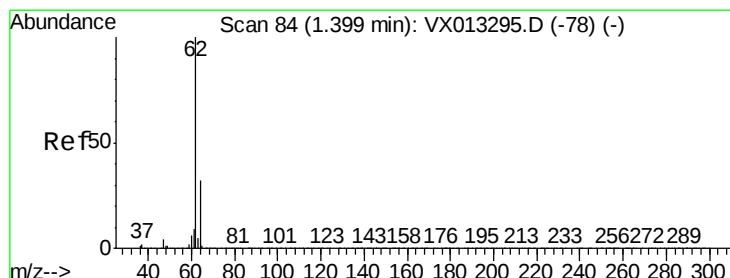
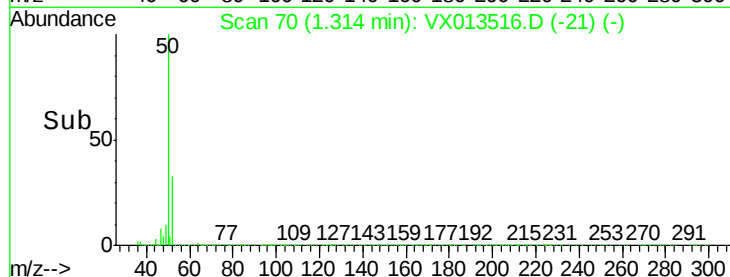
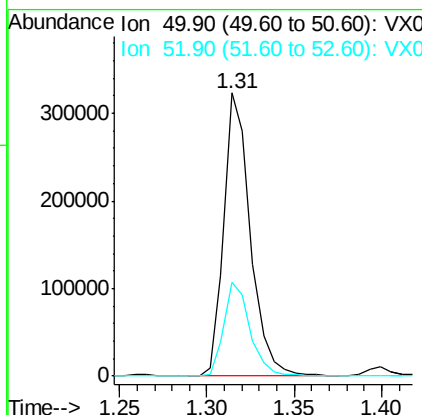
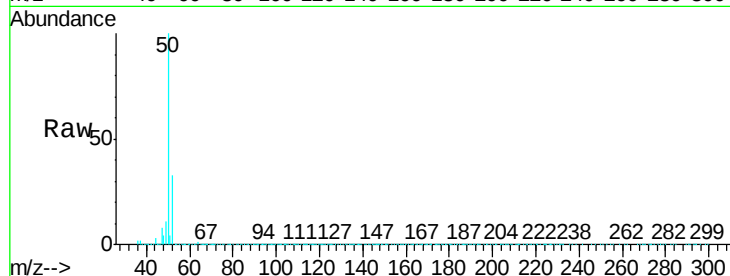




#3
Chloromethane
Concen: 42.997 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

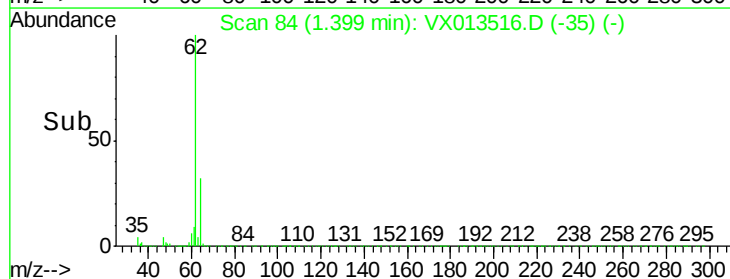
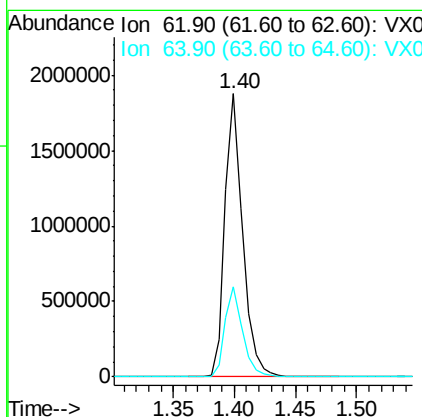
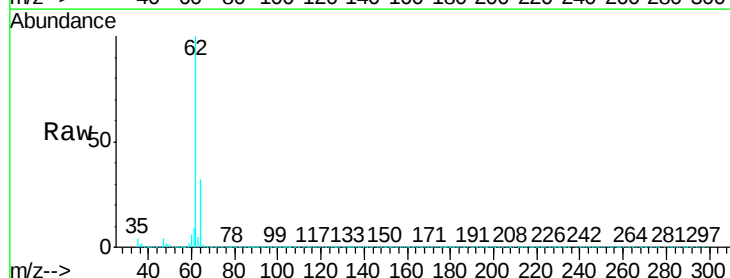
Instrument :
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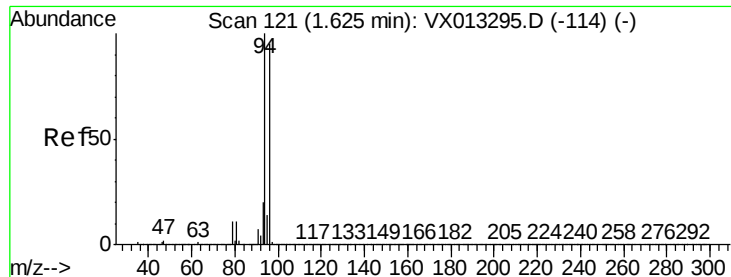
Tgt Ion: 50 Resp: 339813
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3



#4
Vinyl Chloride
Concen: 210.296 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

Tgt Ion: 62 Resp: 1892140
Ion Ratio Lower Upper
62 100
64 31.9 25.6 38.4





#5

Bromomethane

Concen: 40.068 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

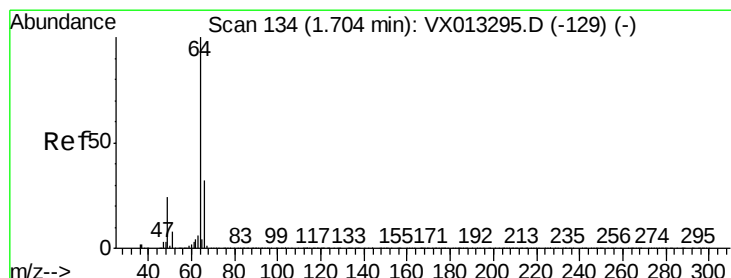
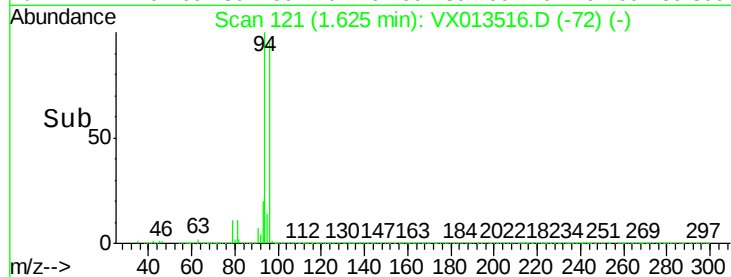
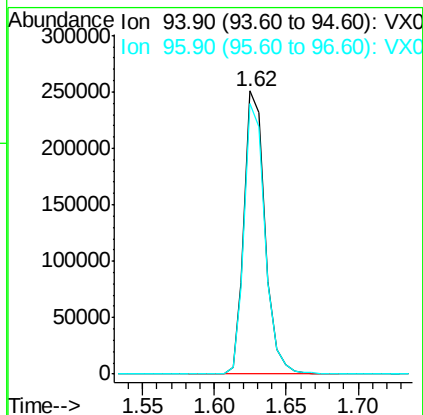
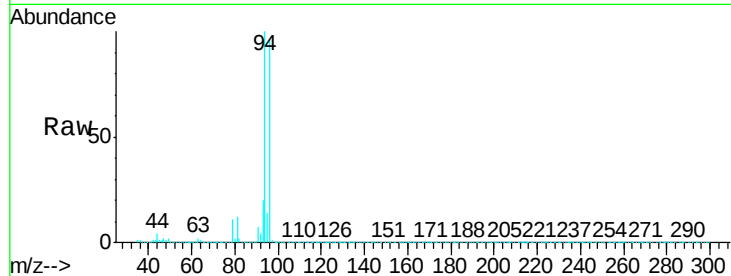
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MS

Tgt Ion: 94 Resp: 251230

Ion Ratio Lower Upper

94 100

96 95.5 75.8 113.8



#6

Chloroethane

Concen: 44.819 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013516.D

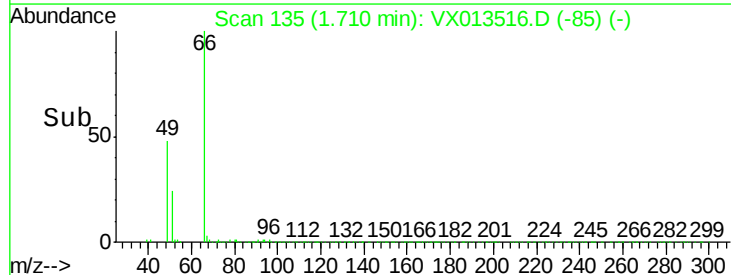
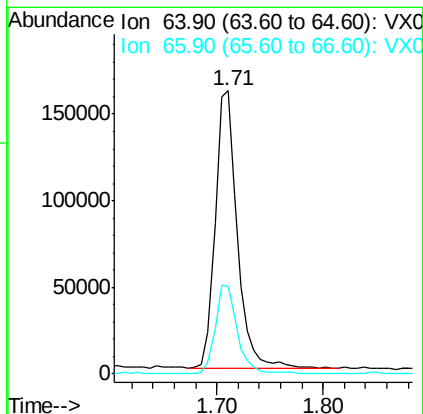
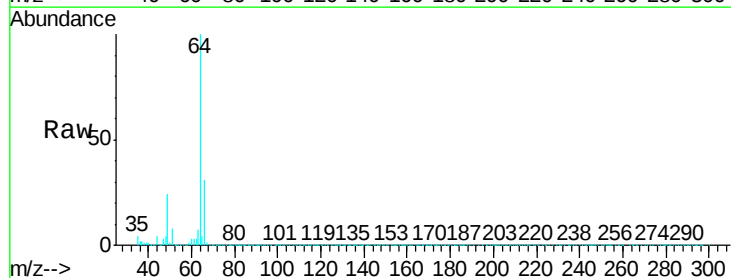
Acq: 21 Nov 2019 20:16

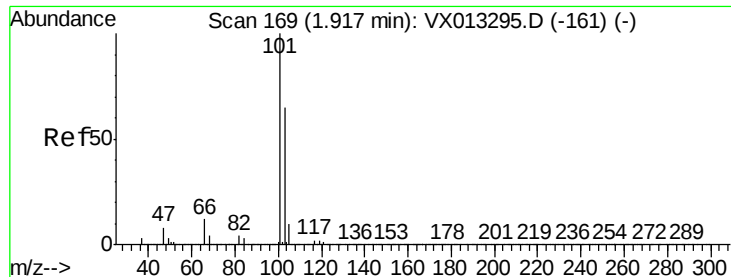
Tgt Ion: 64 Resp: 231151

Ion Ratio Lower Upper

64 100

66 31.3 25.6 38.4



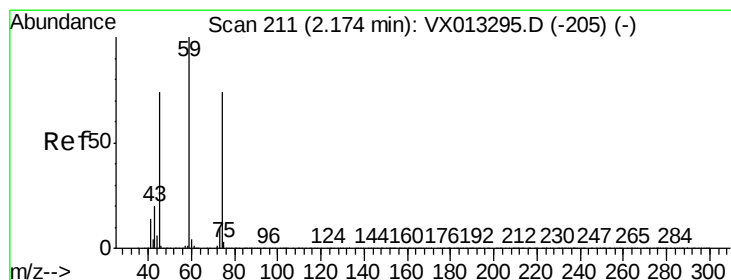
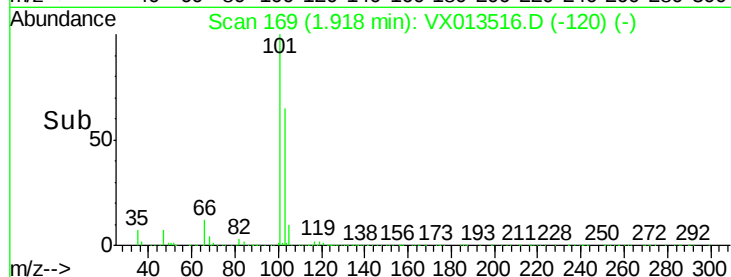
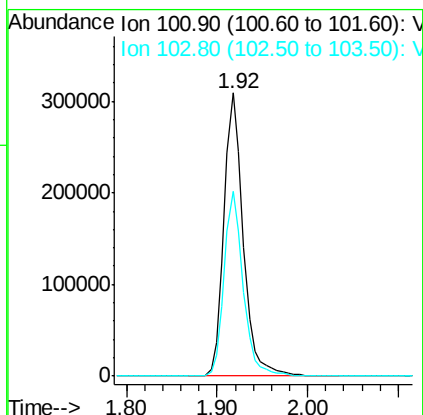
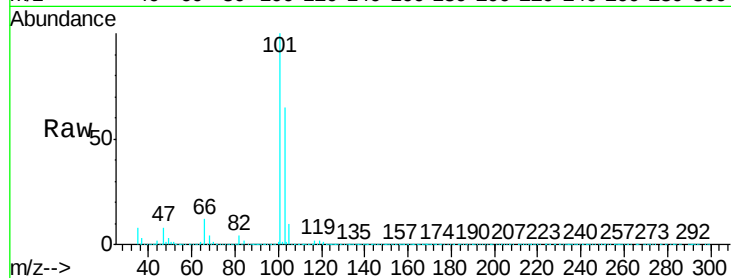


#7

Trichlorofluoromethane
 Concen: 42.914 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX013516.D
 Acq: 21 Nov 2019 20:16

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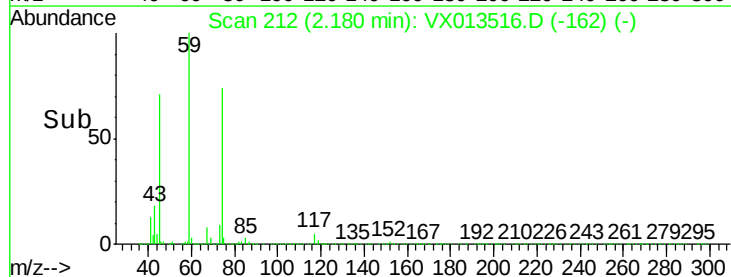
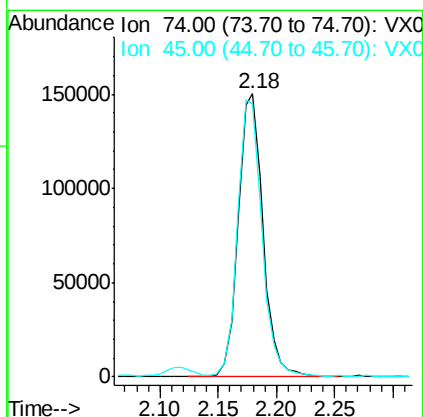
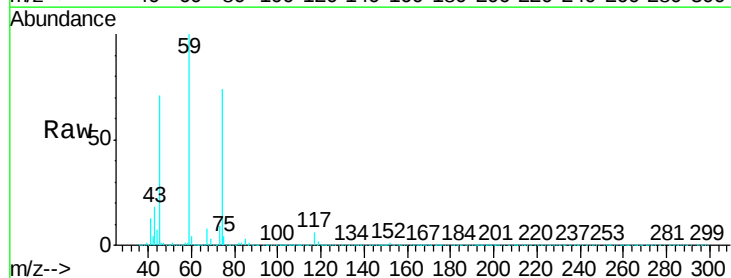
Tgt Ion:101 Resp: 456175
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.3 78.5

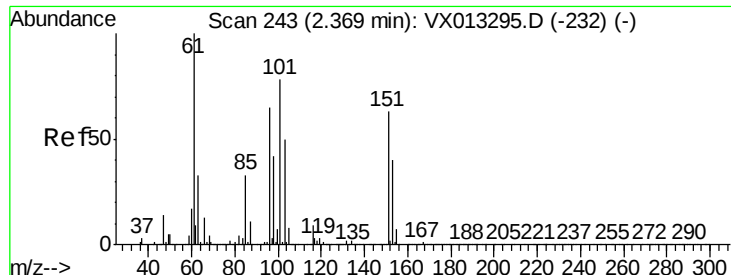


#8

Diethyl Ether
 Concen: 47.006 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.01 min
 Lab File: VX013516.D
 Acq: 21 Nov 2019 20:16

Tgt Ion: 74 Resp: 220961
 Ion Ratio Lower Upper
 74 100
 45 96.6 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.188 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MS

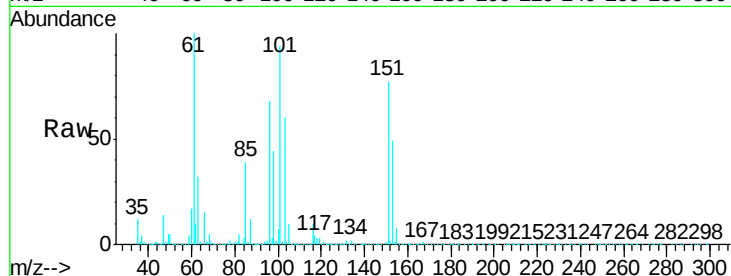
Tgt Ion:101 Resp: 338826

Ion Ratio Lower Upper

101 100

85 42.6 34.4 51.6

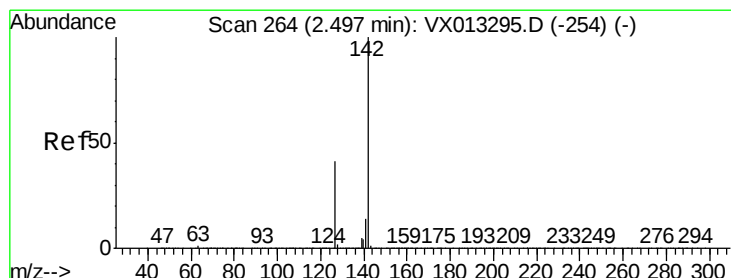
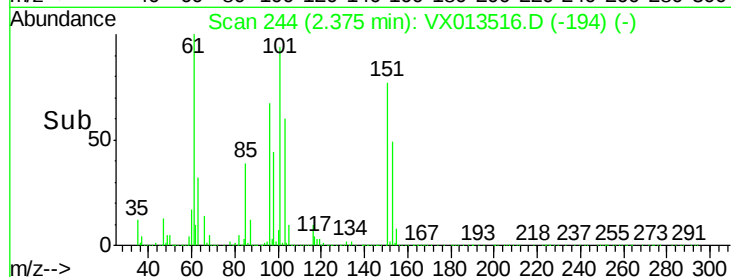
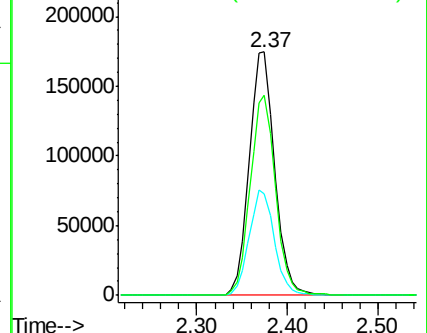
151 81.6 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.599 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

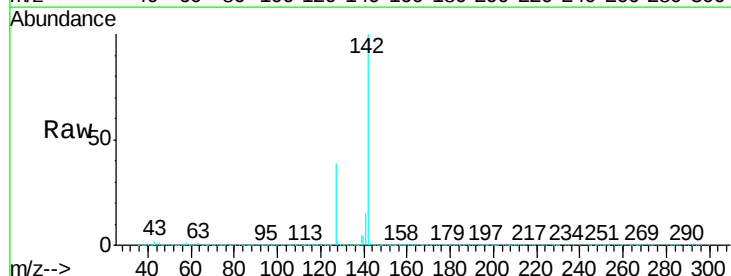
Tgt Ion:142 Resp: 297811

Ion Ratio Lower Upper

142 100

127 38.7 32.6 49.0

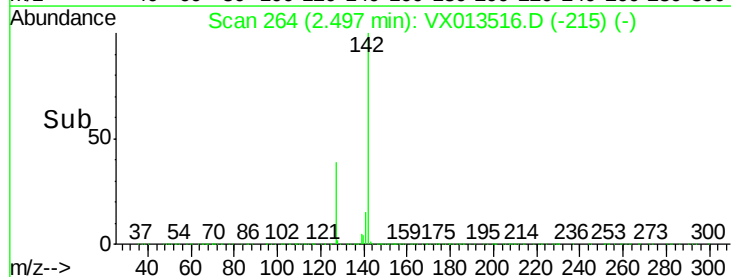
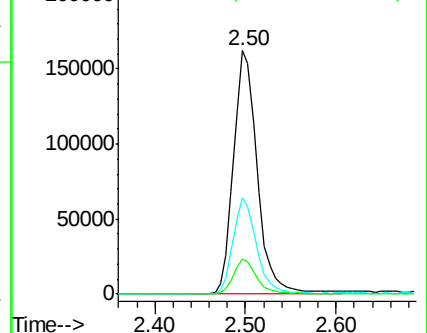
141 14.4 11.6 17.4

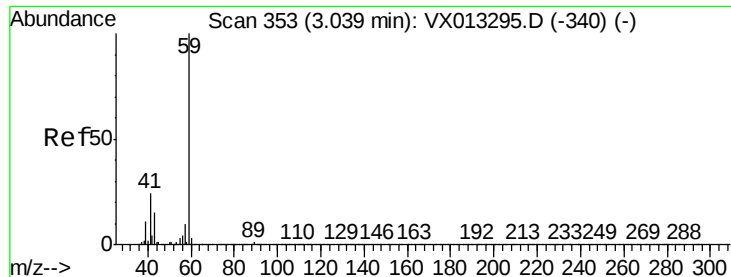


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



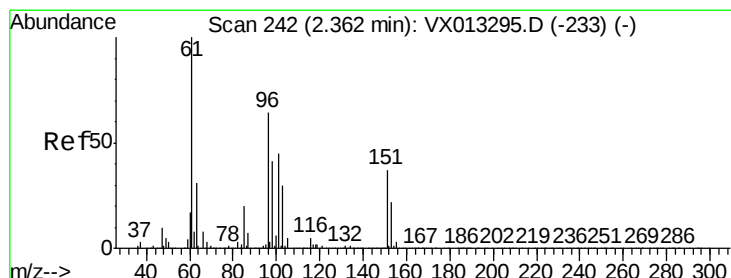
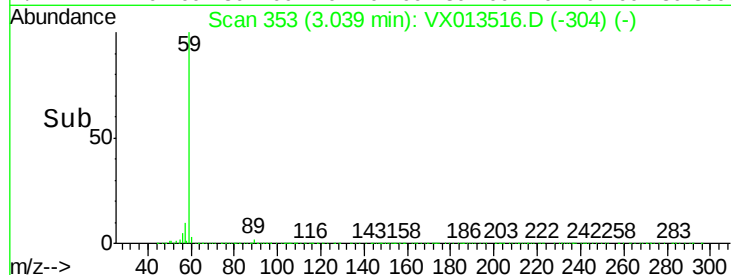
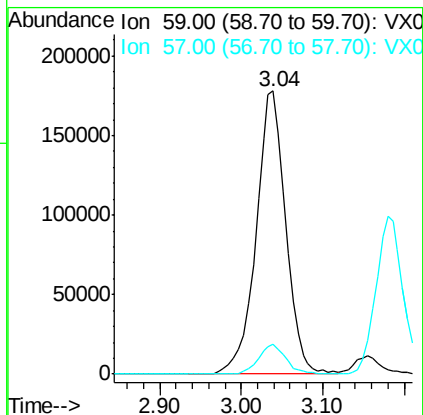
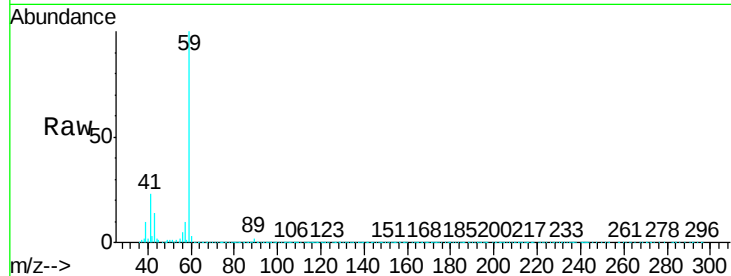


#11

Tert butyl alcohol
Concen: 227.154 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MS

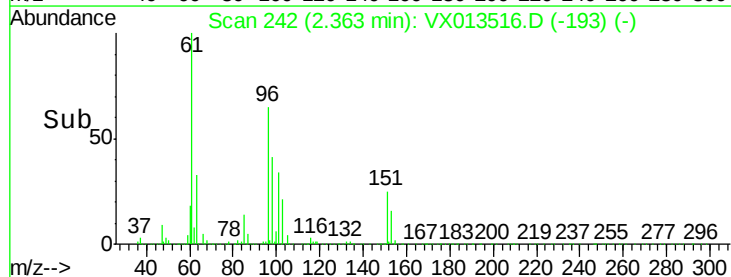
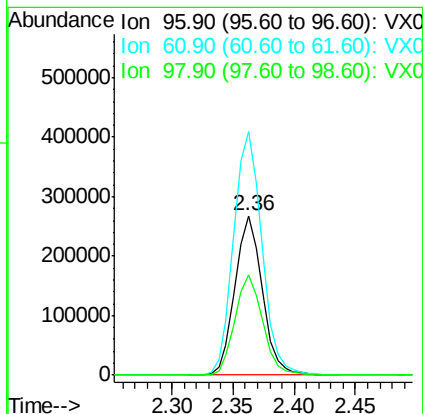
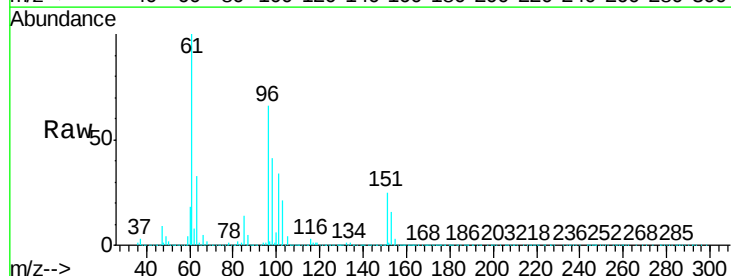
Tgt Ion: 59 Resp: 448640
Ion Ratio Lower Upper
59 100
57 9.5 8.0 12.0

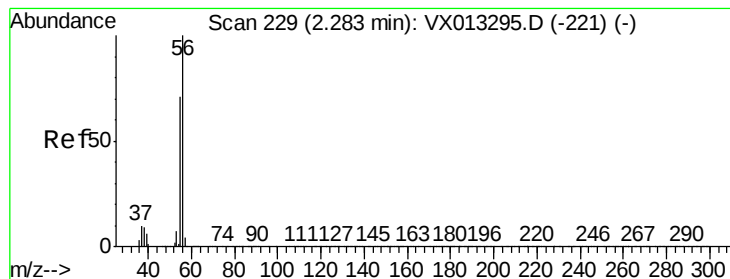


#12

1,1-Dichloroethene
Concen: 71.160 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

Tgt Ion: 96 Resp: 412870
Ion Ratio Lower Upper
96 100
61 152.6 125.0 187.6
98 62.6 50.7 76.1





#13

Acrolein

Concen: 200.819 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

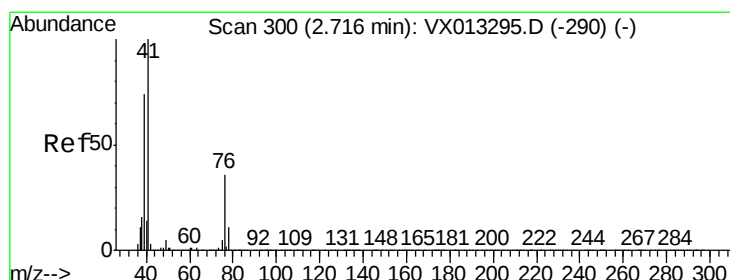
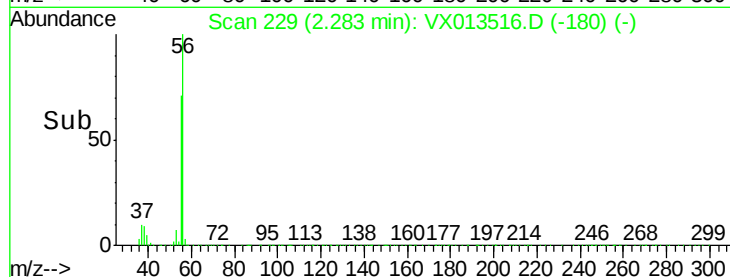
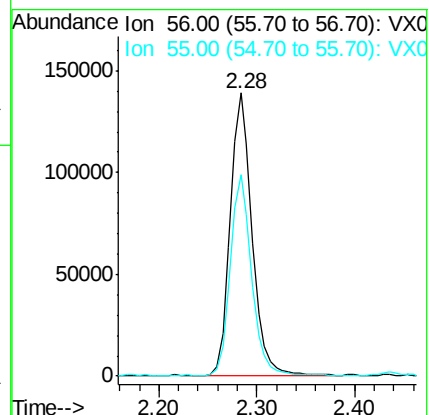
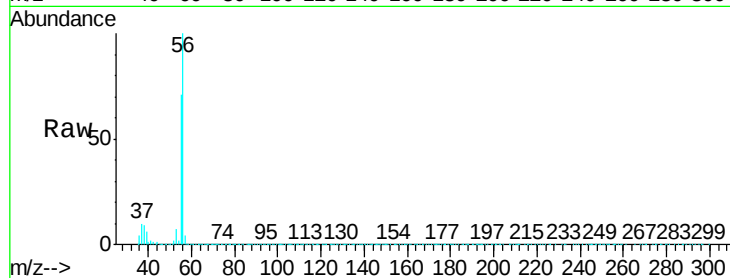
15BR-20191120MS

Tgt Ion: 56 Resp: 214961

Ion Ratio Lower Upper

56 100

55 69.5 57.4 86.0



#14

Allyl chloride

Concen: 48.543 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

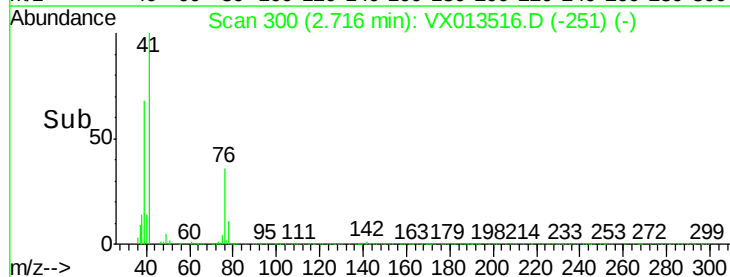
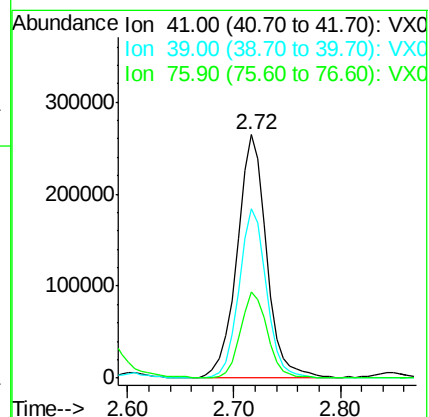
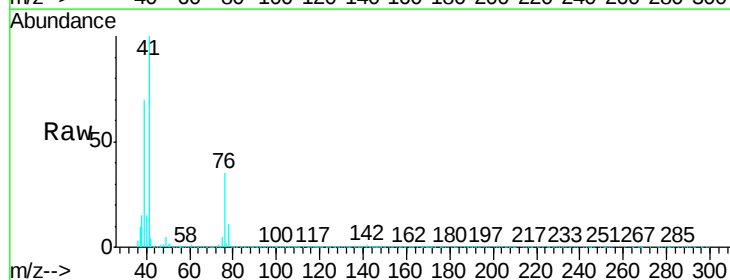
Tgt Ion: 41 Resp: 511734

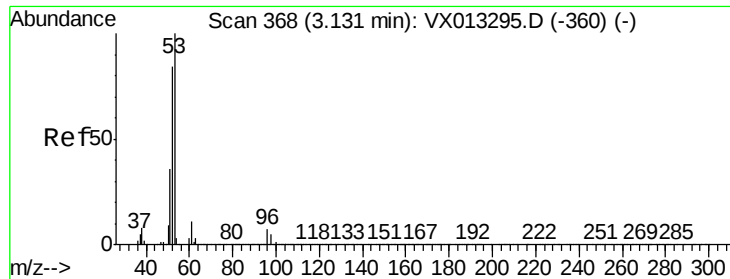
Ion Ratio Lower Upper

41 100

39 65.1 55.8 83.8

76 32.3 26.4 39.6





#15

Acrylonitrile

Concen: 261.849 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MS

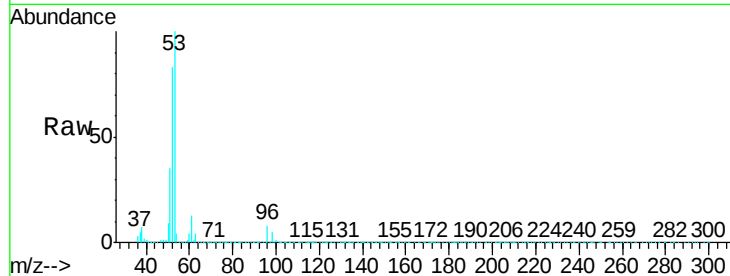
Tgt Ion: 53 Resp: 966042

Ion Ratio Lower Upper

53 100

52 83.1 67.4 101.0

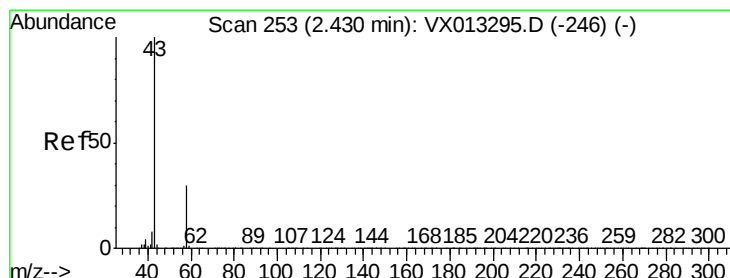
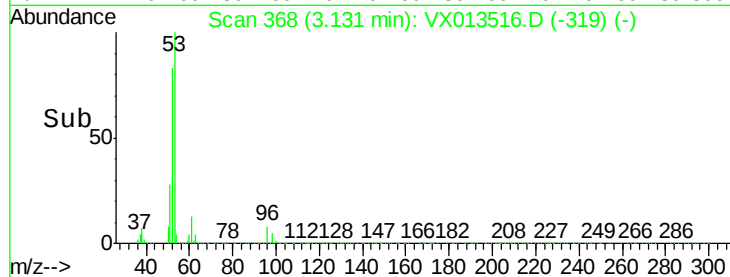
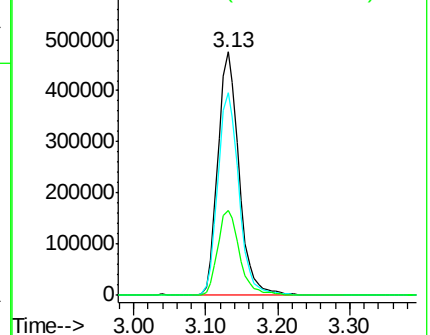
51 36.1 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 222.854 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013516.D

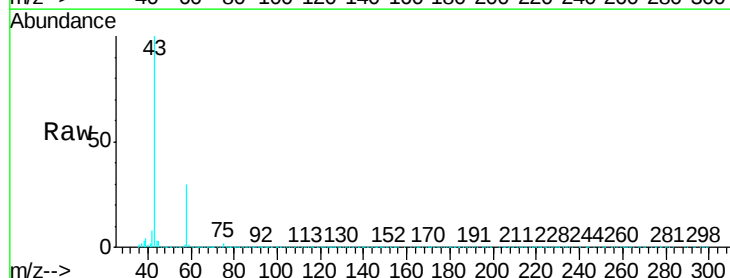
Acq: 21 Nov 2019 20:16

Tgt Ion: 43 Resp: 832944

Ion Ratio Lower Upper

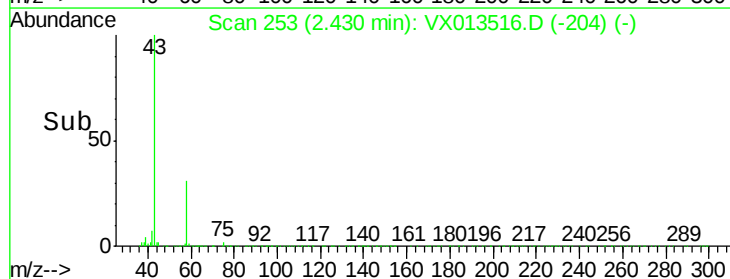
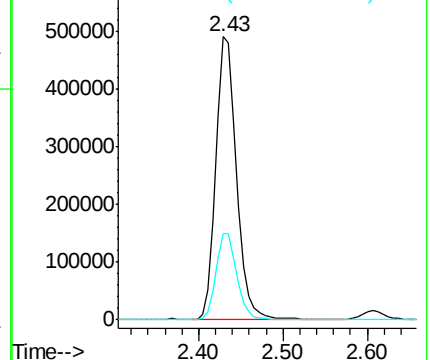
43 100

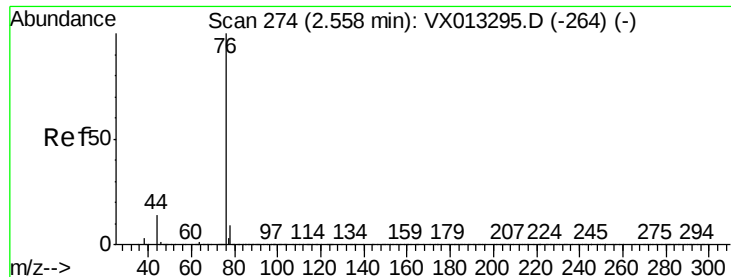
58 30.5 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.108 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

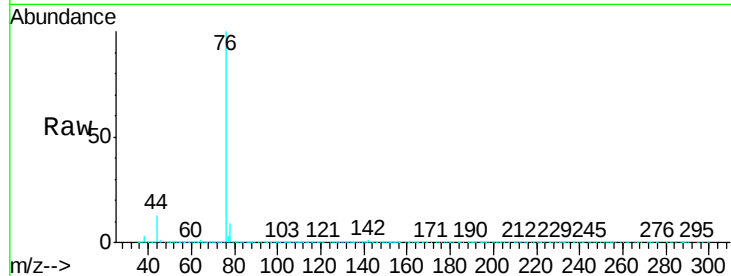
15BR-20191120MS

Tgt Ion: 76 Resp: 653911

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

400000

300000

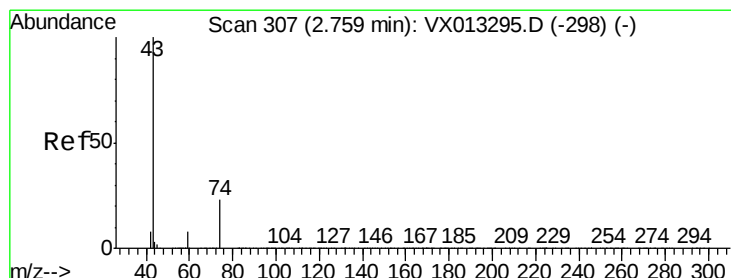
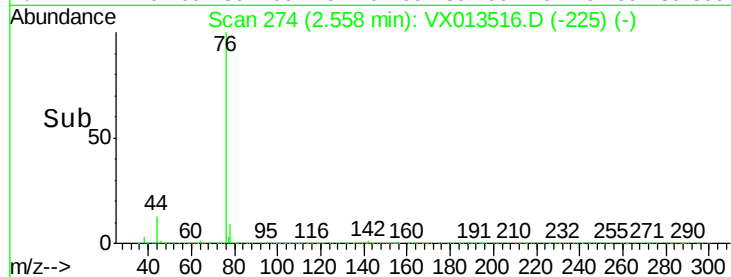
200000

100000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 51.828 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013516.D

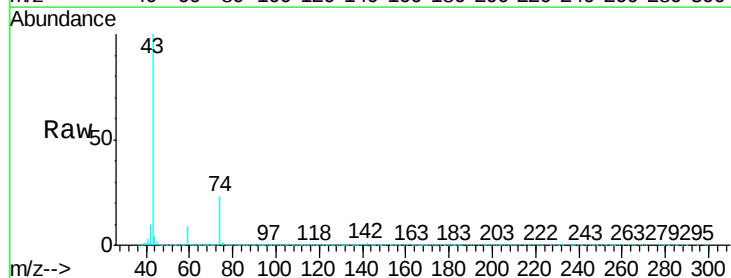
Acq: 21 Nov 2019 20:16

Tgt Ion: 43 Resp: 534801

Ion Ratio Lower Upper

43 100

74 24.1 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

300000

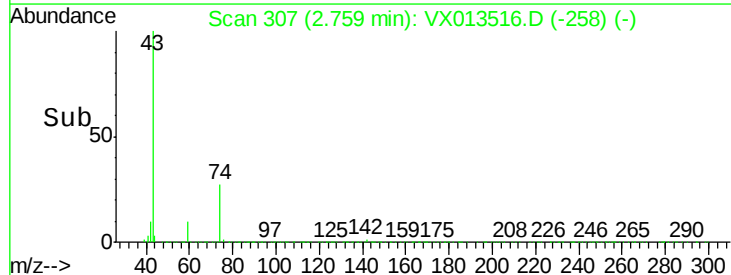
200000

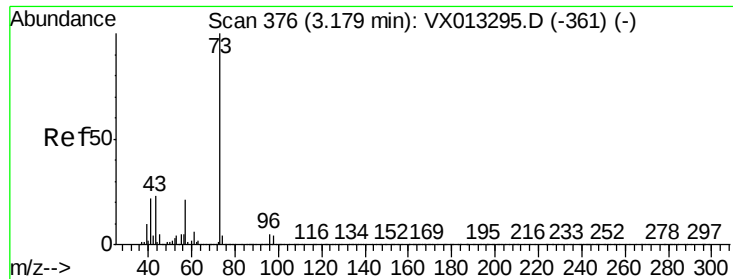
100000

0

2.70 2.80 2.90

Time-->

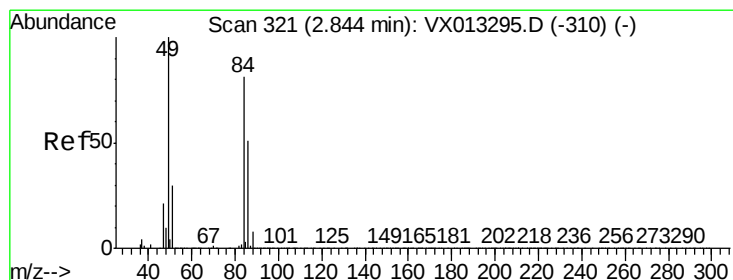
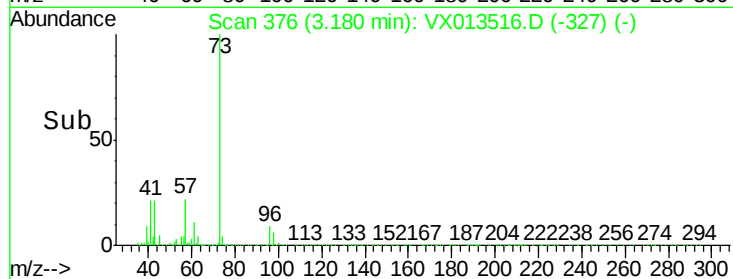
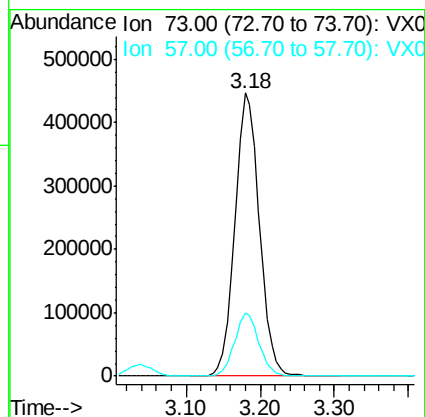
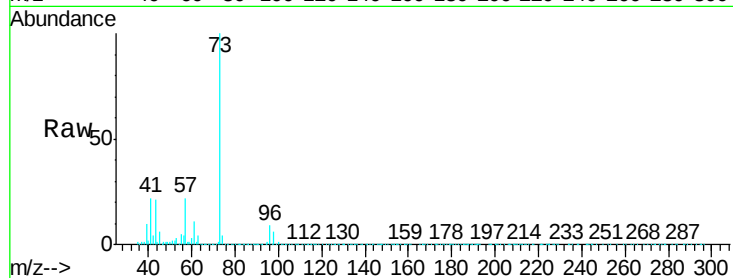




#19
Methyl tert-butyl Ether
Concen: 53.083 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

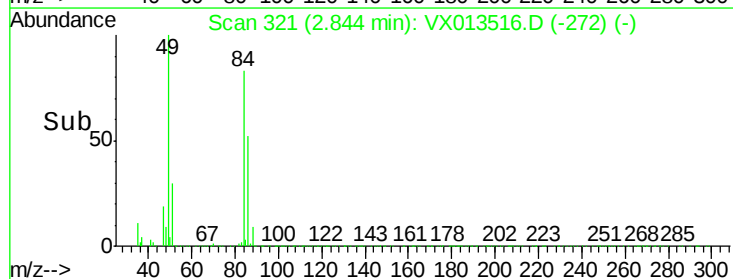
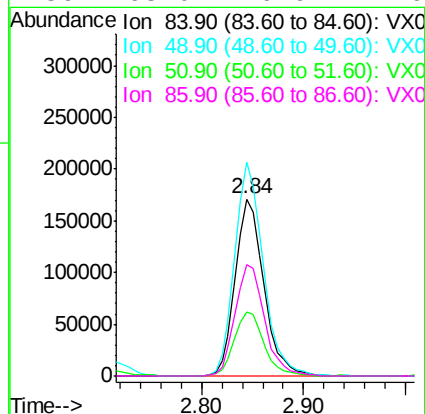
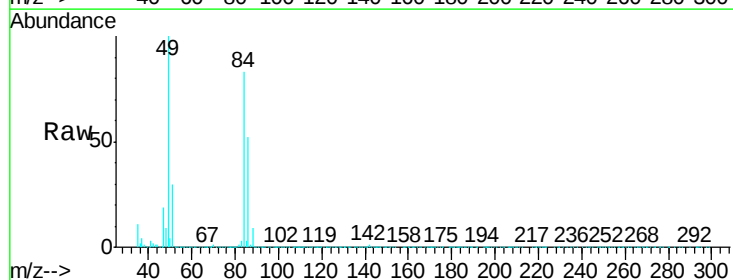
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MS

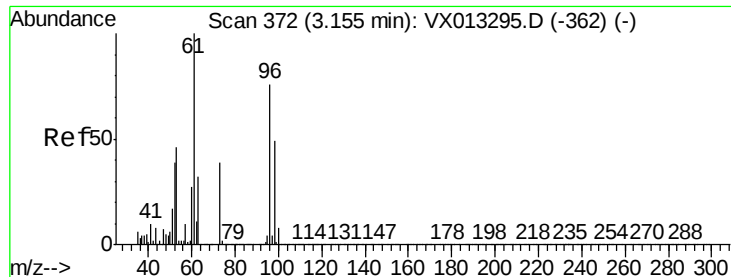
Tgt Ion: 73 Resp: 1027231
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7



#20
Methylene Chloride
Concen: 47.990 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

Tgt Ion: 84 Resp: 331404
Ion Ratio Lower Upper
84 100
49 120.6 98.2 147.4
51 36.1 29.9 44.9
86 63.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 74.685 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MS

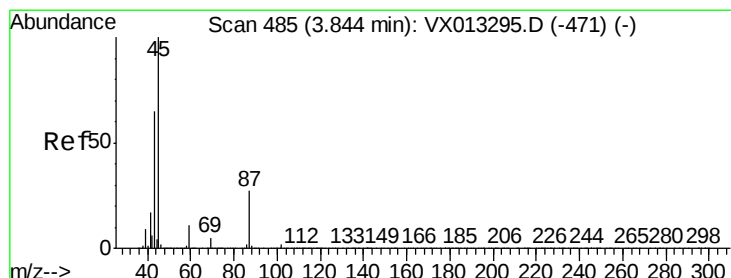
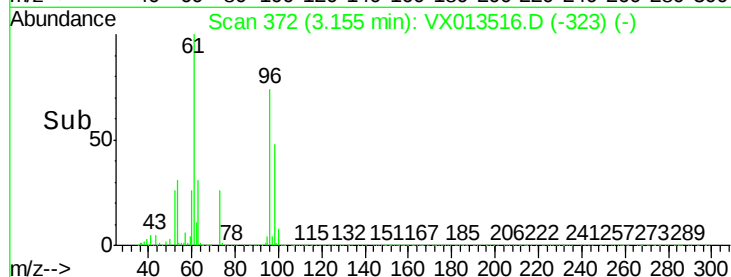
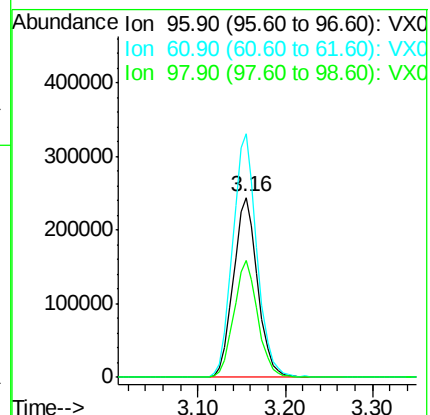
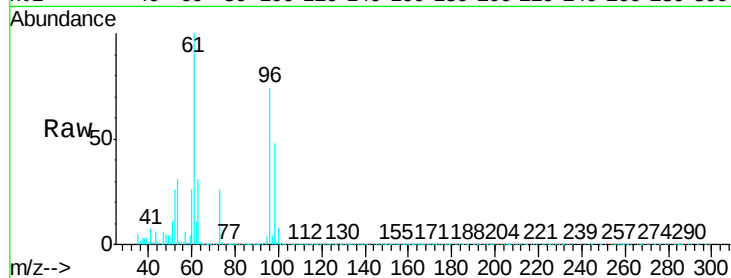
Tgt Ion: 96 Resp: 471803

Ion Ratio Lower Upper

96 100

61 135.2 105.8 158.6

98 64.7 51.8 77.6



#22

Diisopropyl ether

Concen: 53.179 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Tgt Ion: 45 Resp: 1082332

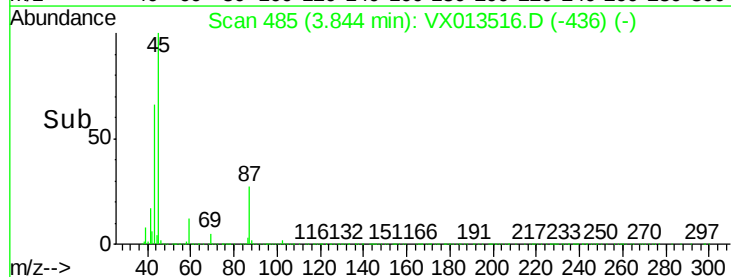
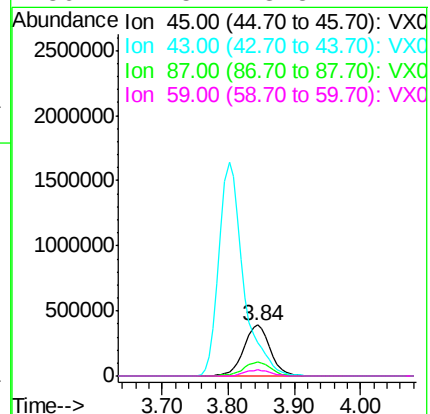
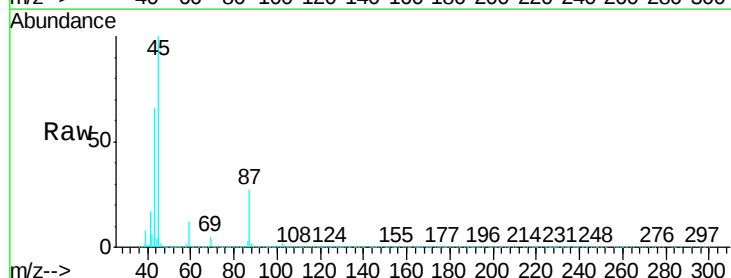
Ion Ratio Lower Upper

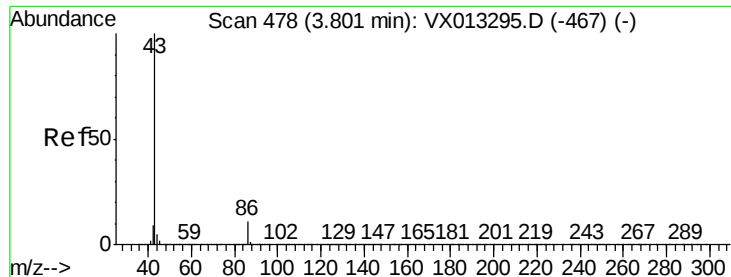
45 100

43 65.8 54.2 81.2

87 27.4 21.8 32.8

59 11.5 8.5 12.7





#23

Vinyl Acetate

Concen: 242.747 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

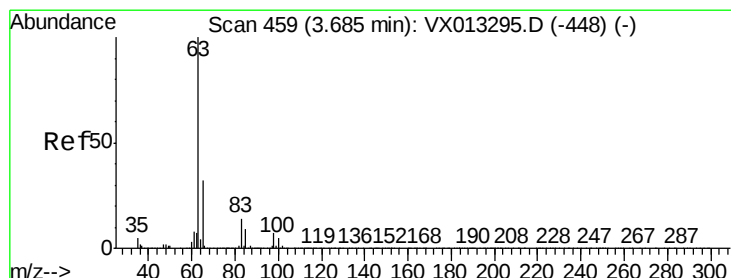
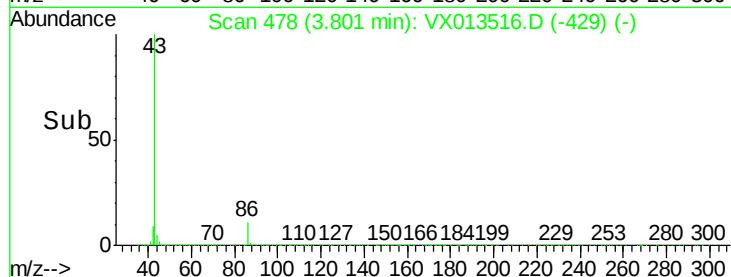
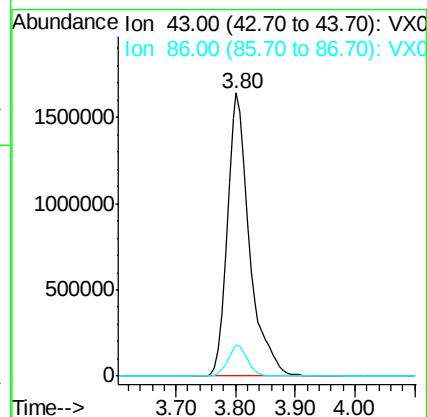
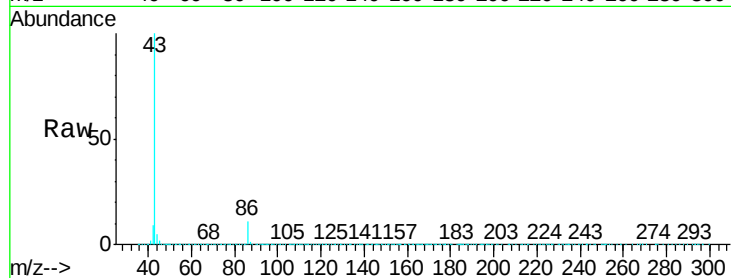
15BR-20191120MS

Tgt Ion: 43 Resp: 4227552

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



#24

1,1-Dichloroethane

Concen: 50.643 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

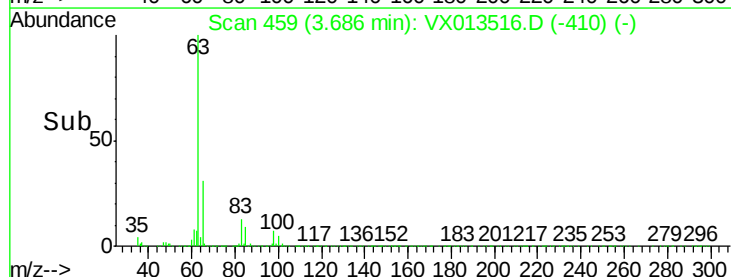
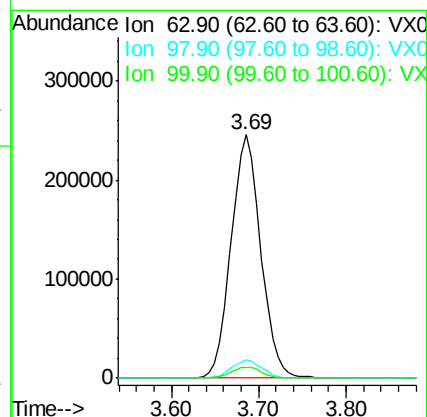
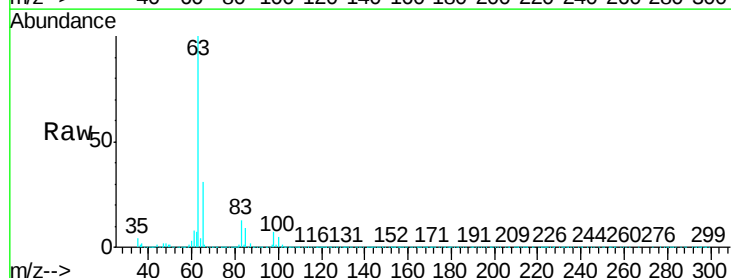
Tgt Ion: 63 Resp: 576583

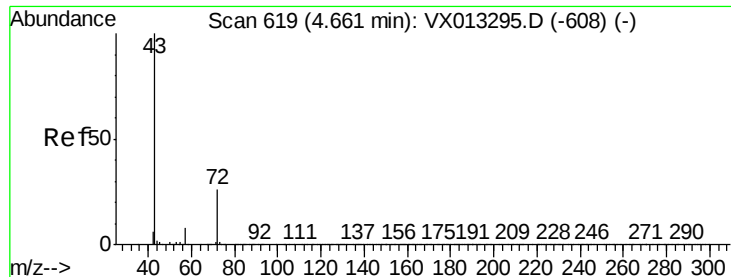
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 241.827 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

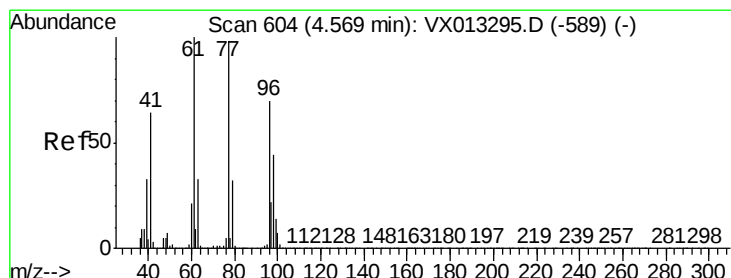
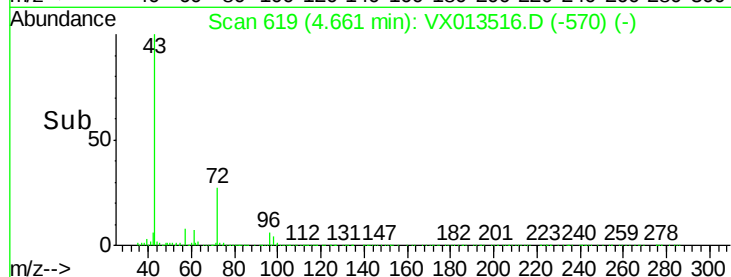
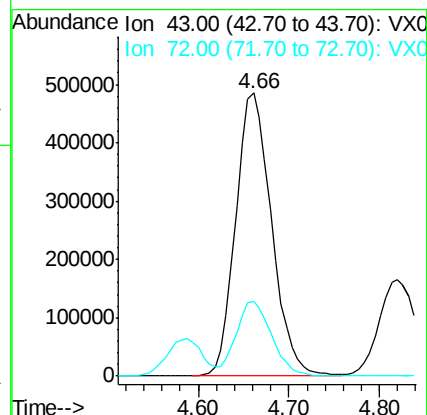
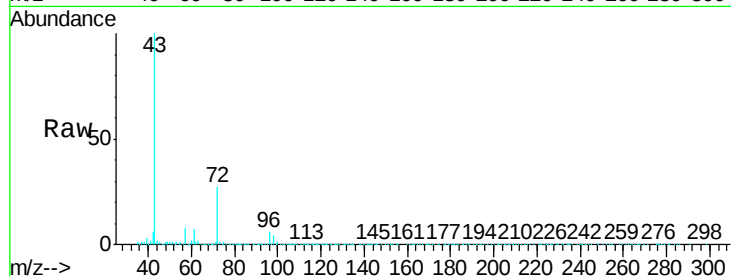
15BR-20191120MS

Tgt Ion: 43 Resp: 1325974

Ion Ratio Lower Upper

43 100

72 26.4 21.0 31.6



#26

2,2-Dichloropropane

Concen: 45.263 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.01 min

Lab File: VX013516.D

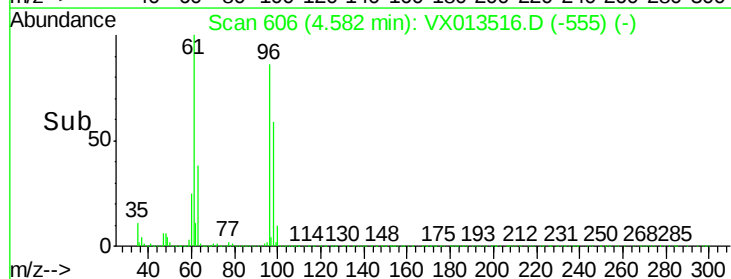
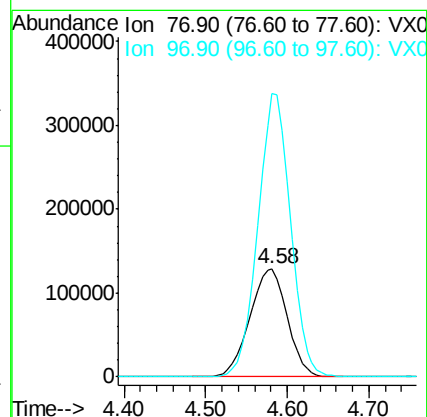
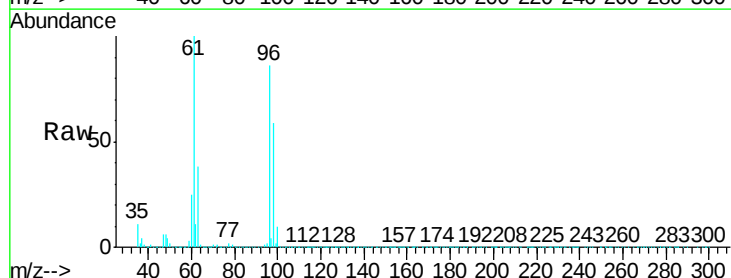
Acq: 21 Nov 2019 20:16

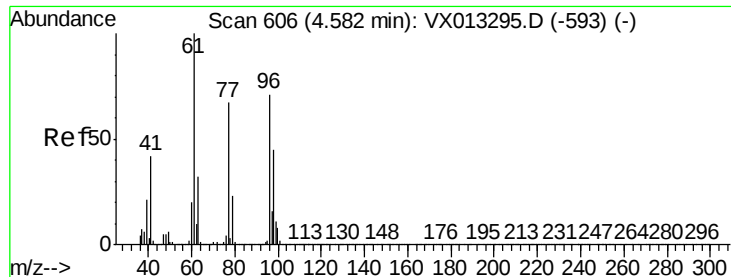
Tgt Ion: 77 Resp: 409958

Ion Ratio Lower Upper

77 100

97 229.9 11.3 33.8#



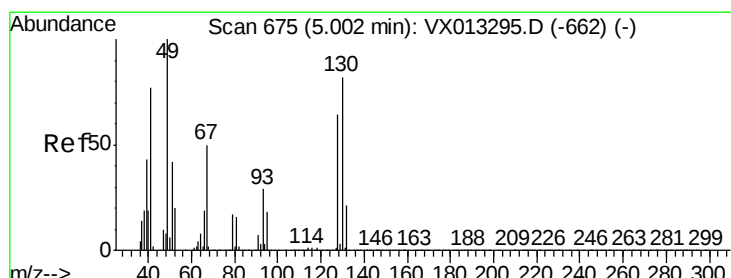
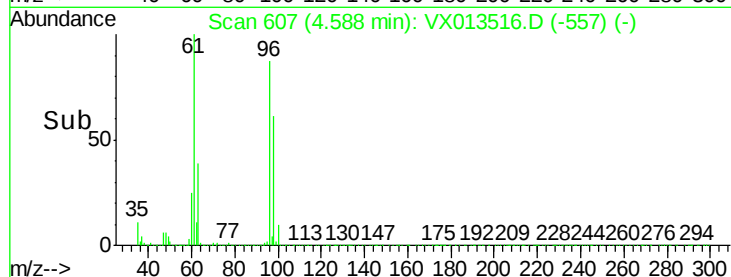
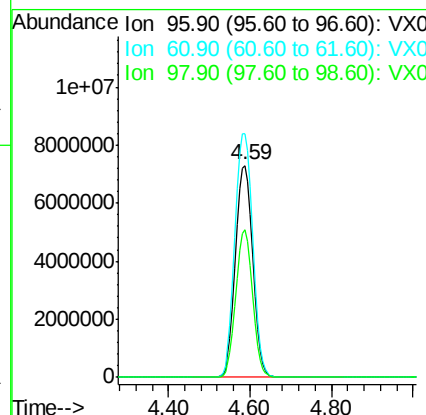
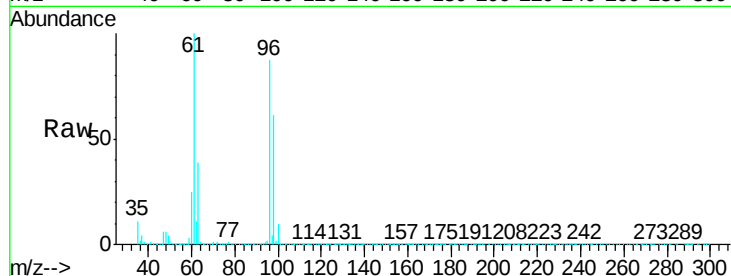


#27

cis-1,2-Dichloroethene
Concen: 2992.222 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MS

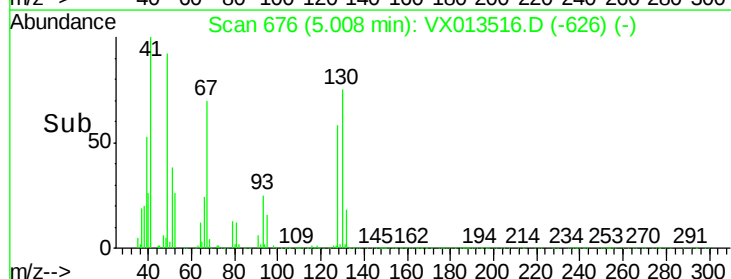
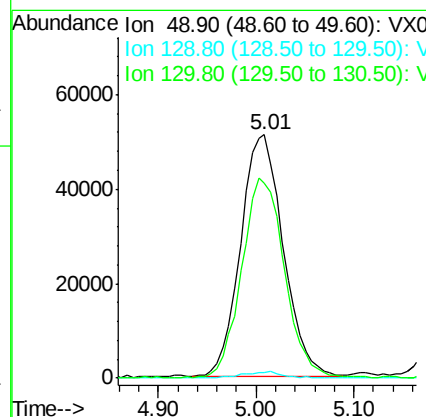
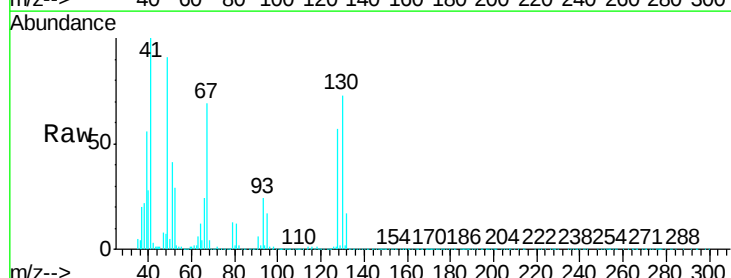
Tgt Ion: 96 Resp: 21174958
Ion Ratio Lower Upper
96 100
61 119.1 0.0 288.0
98 67.2 0.0 129.6

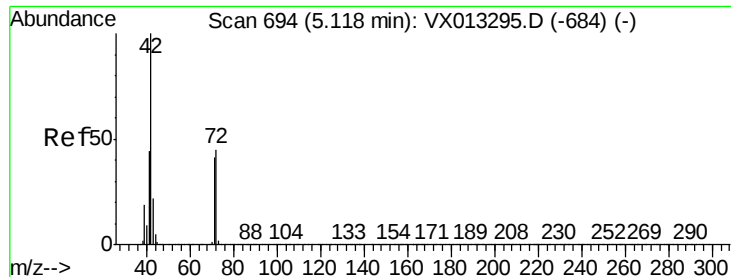


#28

Bromochloromethane
Concen: 48.077 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

Tgt Ion: 49 Resp: 155415
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.2
130 83.8 63.8 95.6





#29

Tetrahydrofuran

Concen: 262.060 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MS

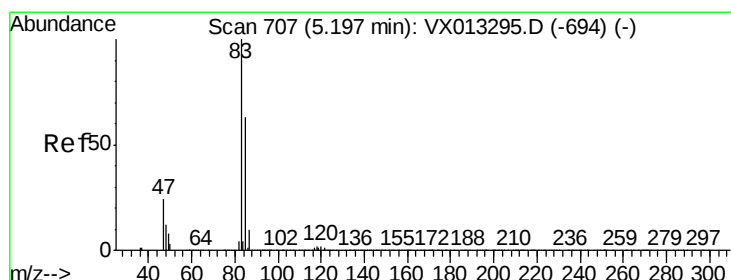
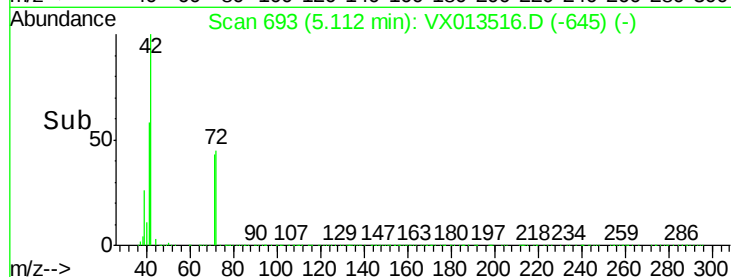
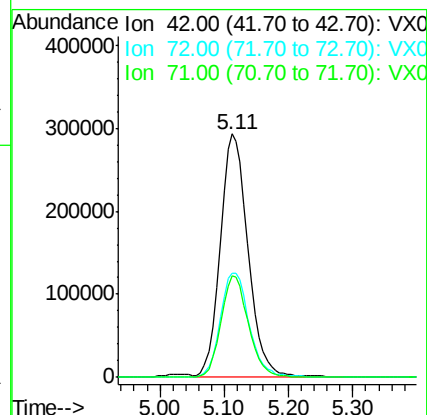
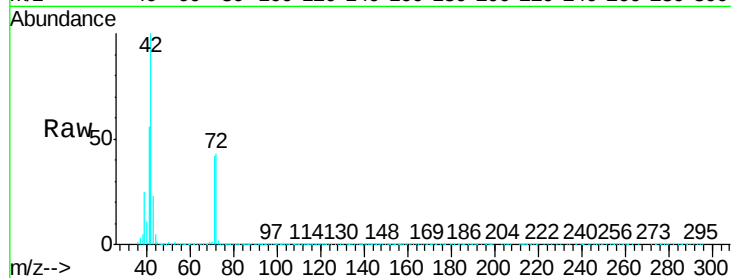
Tgt Ion: 42 Resp: 885488

Ion Ratio Lower Upper

42 100

72 45.1 35.8 53.8

71 41.5 33.4 50.0



#30

Chloroform

Concen: 50.677 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013516.D

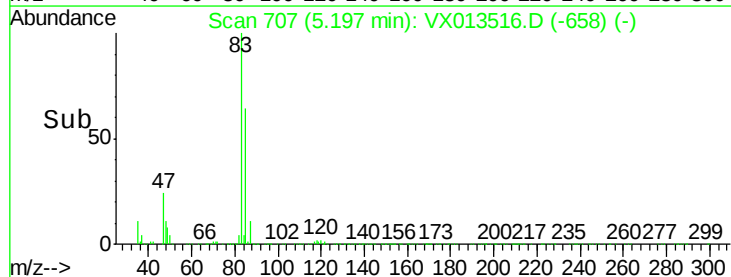
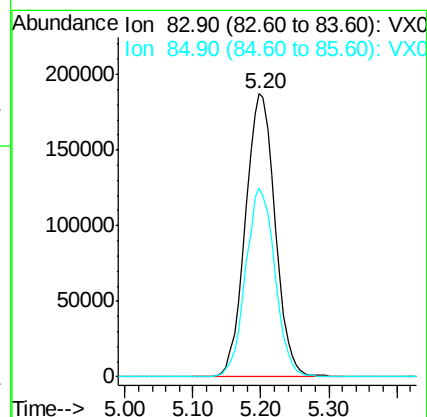
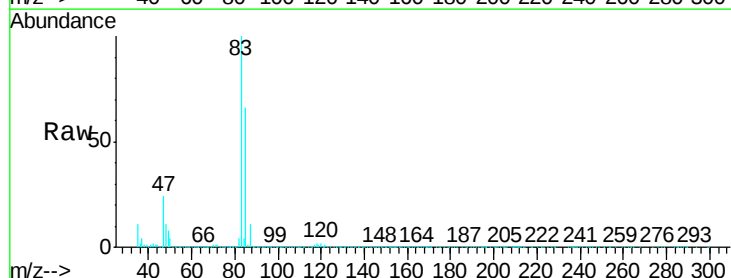
Acq: 21 Nov 2019 20:16

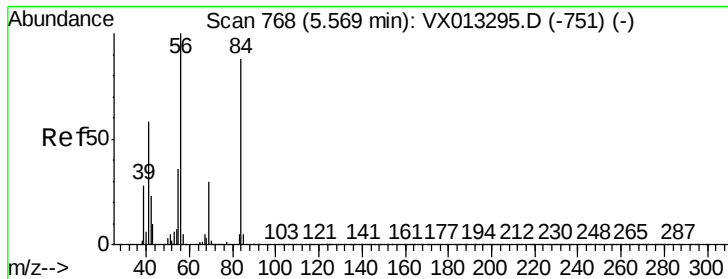
Tgt Ion: 83 Resp: 569722

Ion Ratio Lower Upper

83 100

85 66.3 50.2 75.4

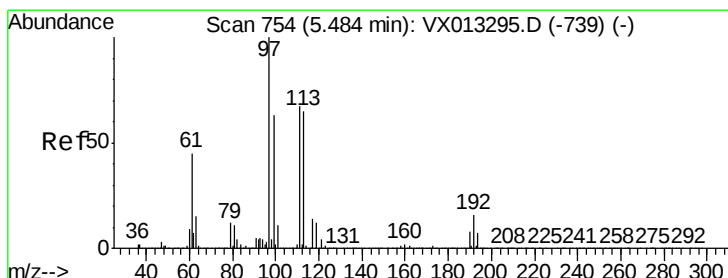
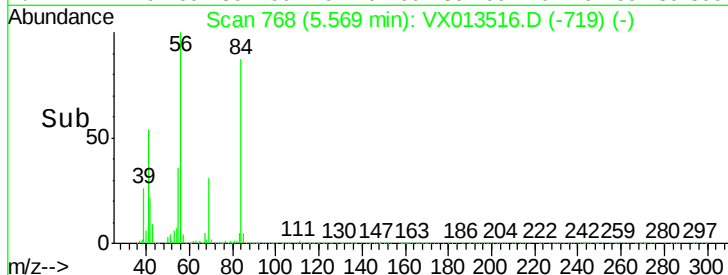
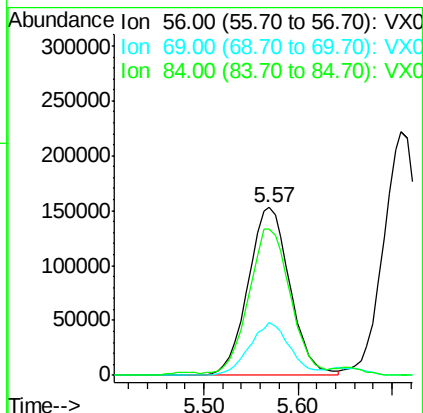
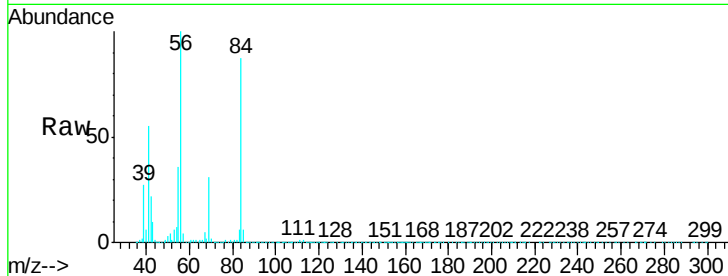




#31
Cyclohexane
Concen: 46.001 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

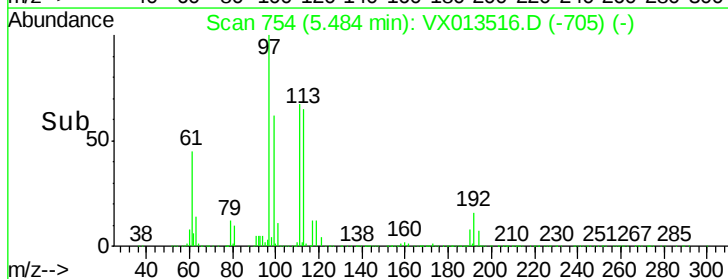
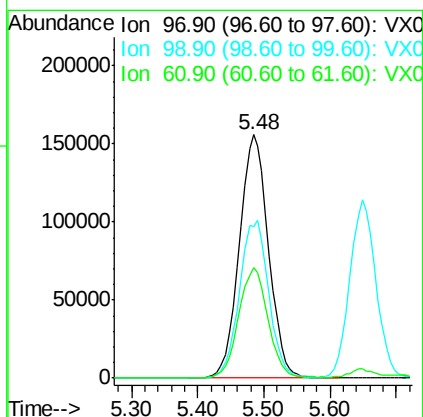
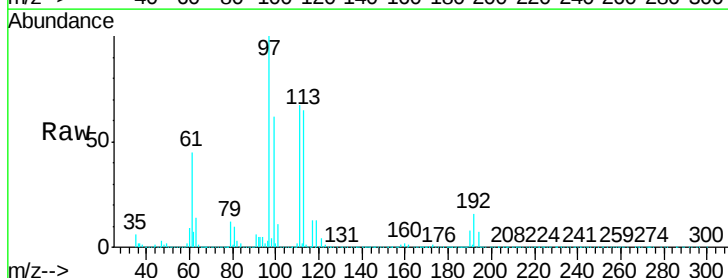
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MS

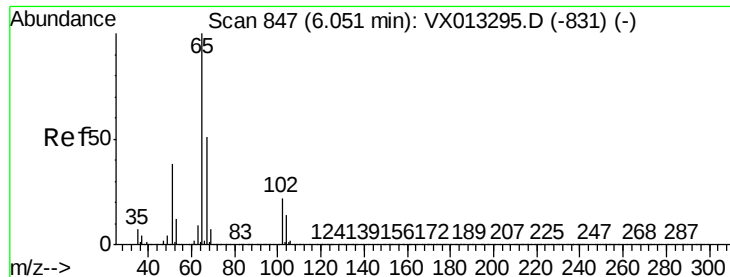
Tgt Ion: 56 Resp: 471274
Ion Ratio Lower Upper
56 100
69 31.1 23.7 35.5
84 85.4 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 49.181 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

Tgt Ion: 97 Resp: 475831
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 45.6 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 48.135 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

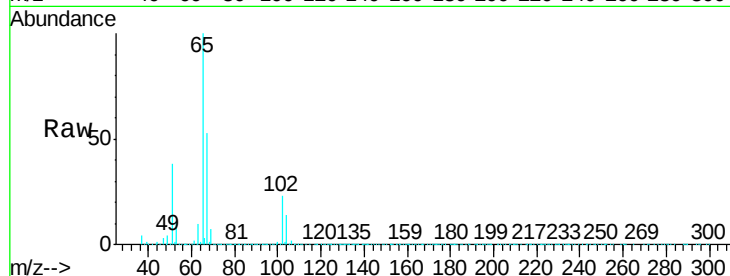
15BR-20191120MS

Tgt Ion: 65 Resp: 360694

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

150000

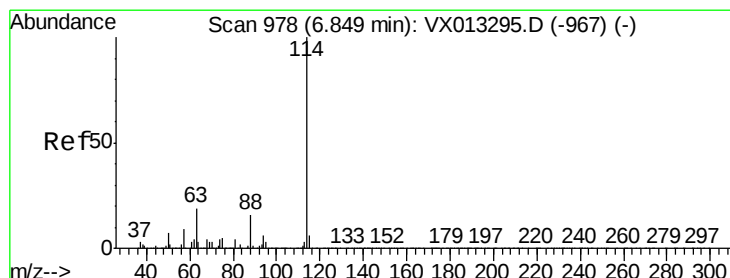
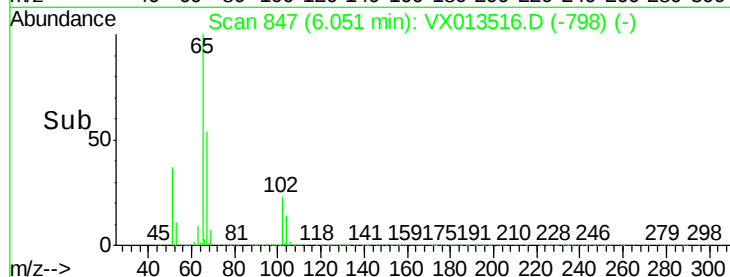
100000

50000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

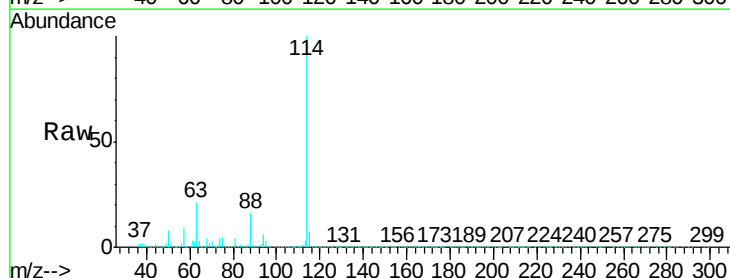
Tgt Ion: 114 Resp: 1003415

Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.4

88 15.8 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

500000

400000

300000

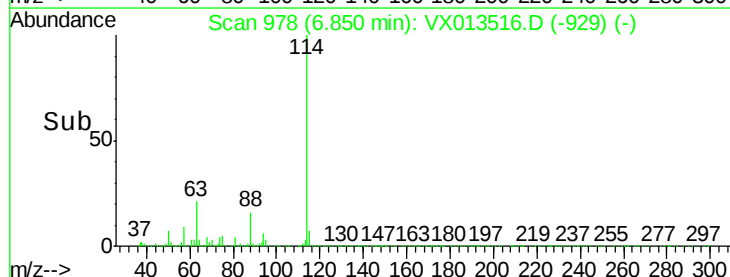
200000

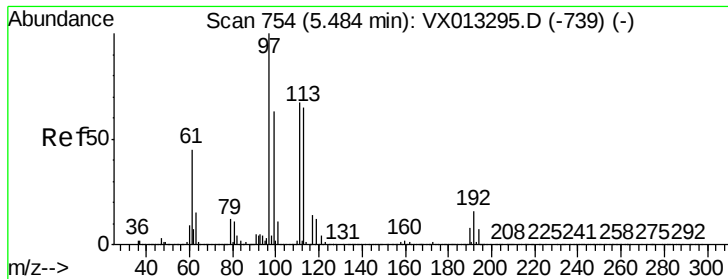
100000

0

6.70 6.80 6.90 7.00 7.10

Time-->

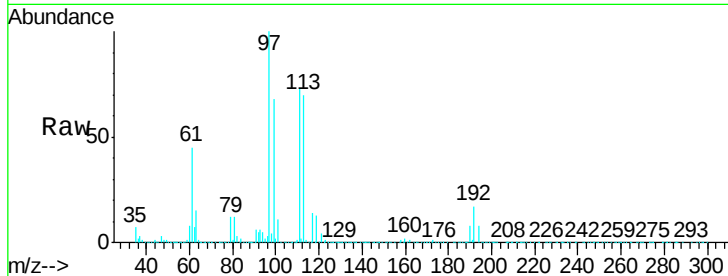




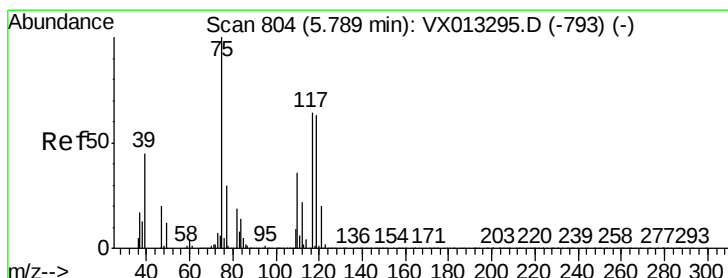
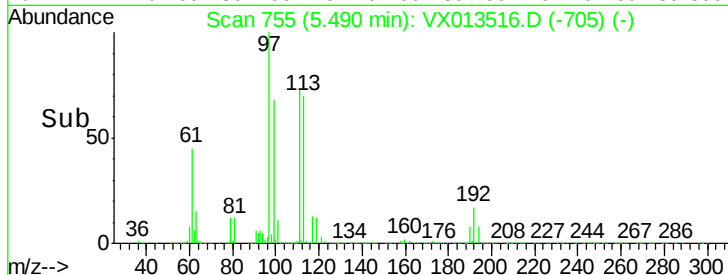
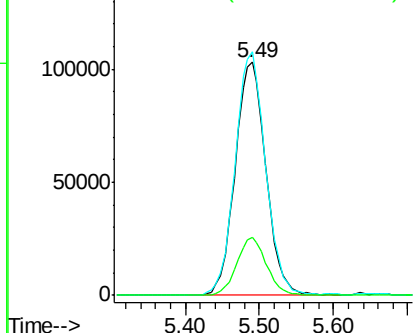
#35
Dibromofluoromethane
Concen: 47.377 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MS

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	24.0	19.1	28.7

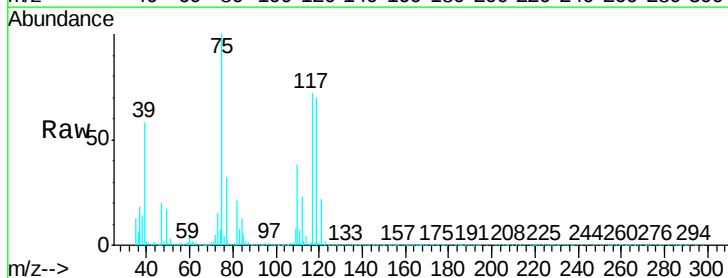


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

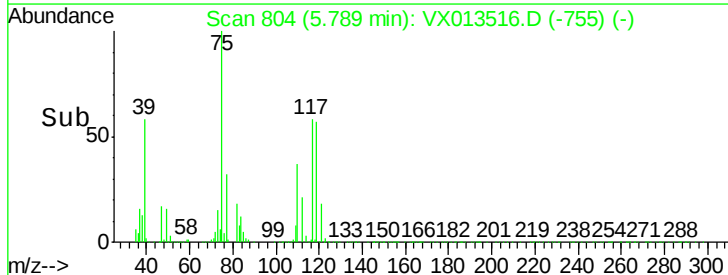
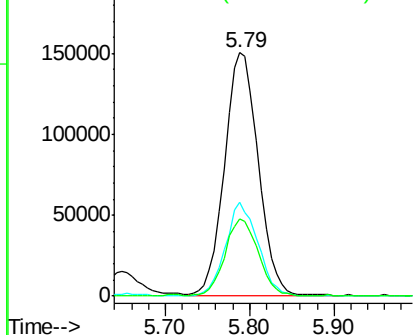


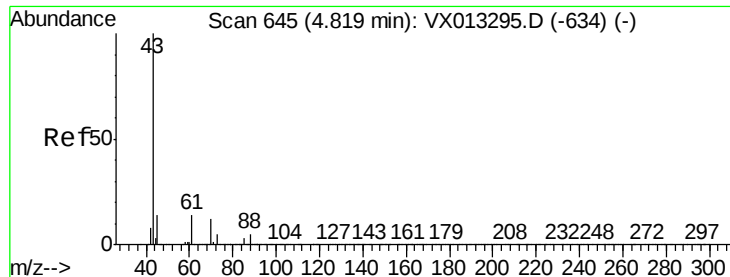
#36
1,1-Dichloropropene
Concen: 47.339 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.1	54.1
77	31.2	25.0	37.4



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

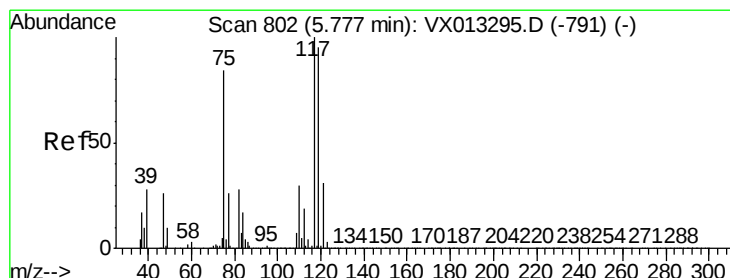
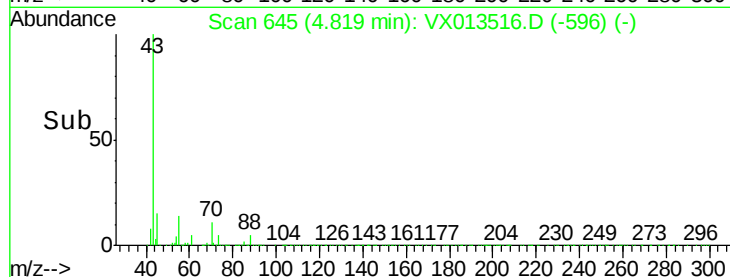
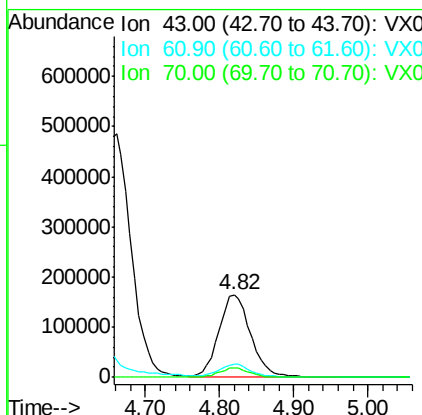
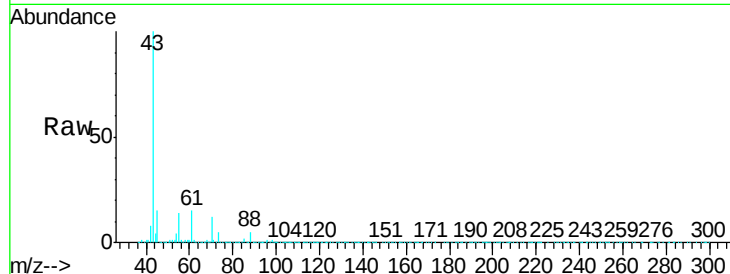




#37
Ethyl Acetate
Concen: 45.663 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

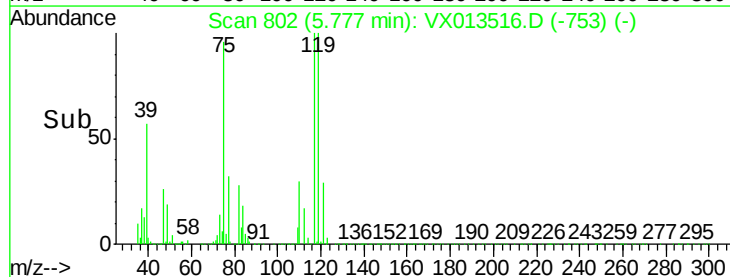
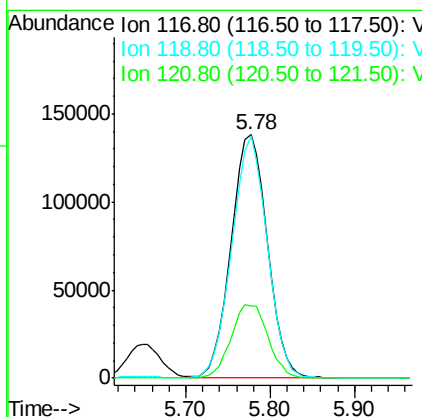
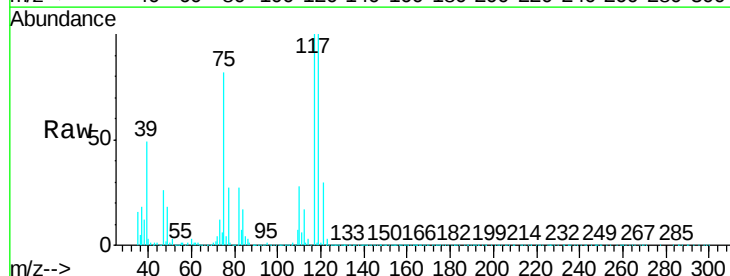
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MS

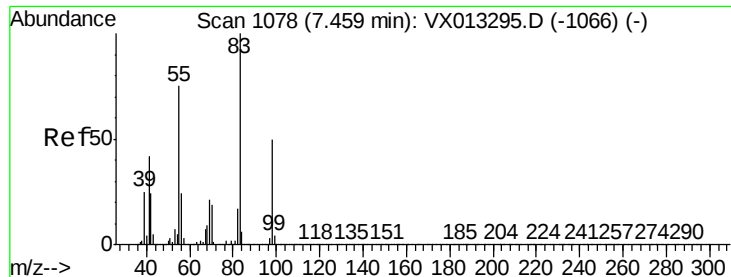
Tgt Ion: 43 Resp: 485706
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 10.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 47.627 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

Tgt Ion: 117 Resp: 400910
Ion Ratio Lower Upper
117 100
119 99.7 76.1 114.1
121 29.7 24.6 37.0

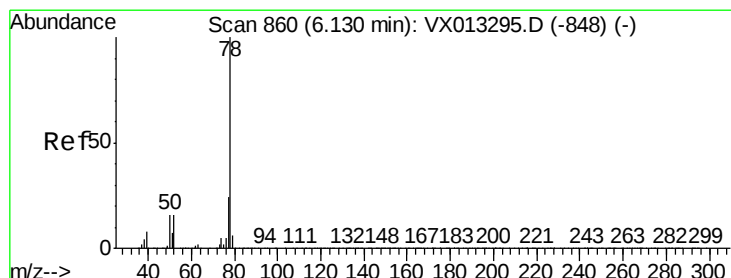
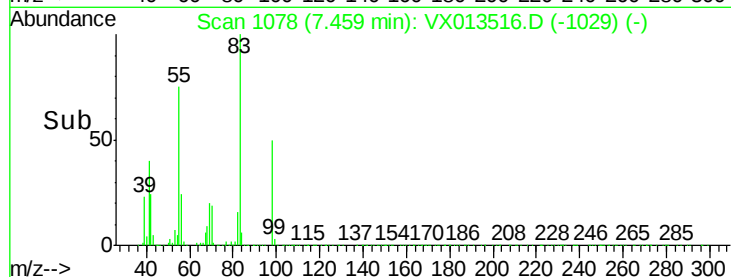
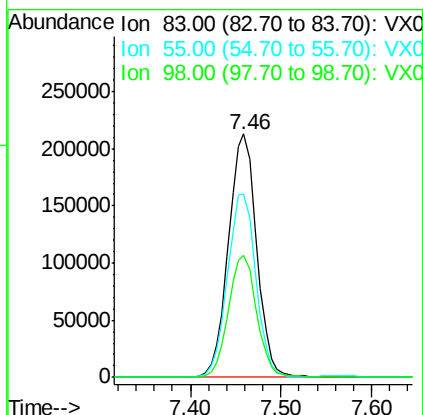
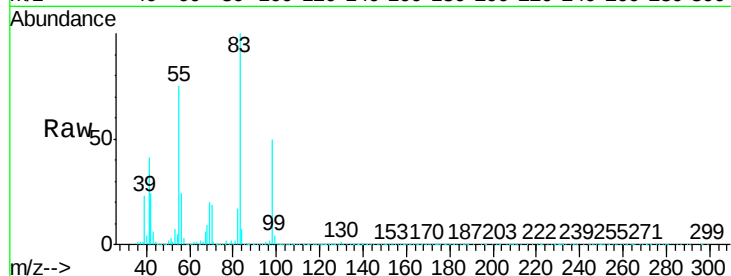




#39
Methylcyclohexane
Concen: 42.768 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

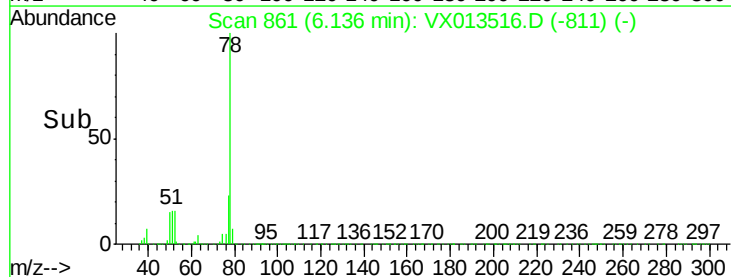
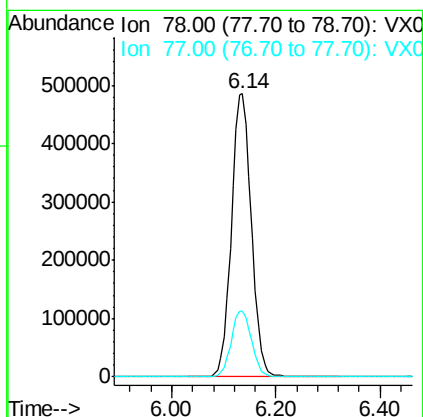
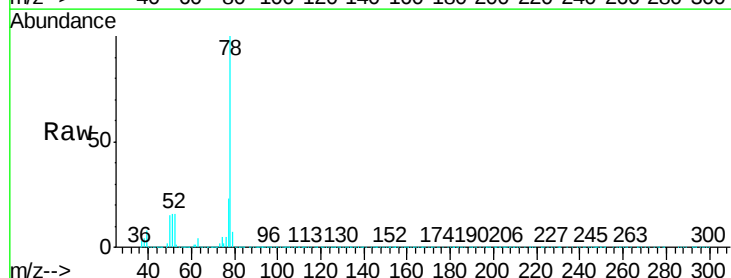
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MS

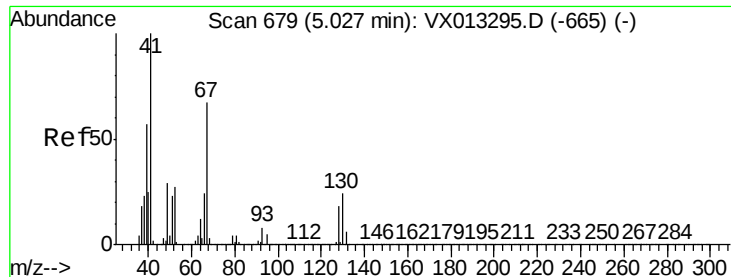
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.0	60.3	90.5
98	50.0	40.3	60.5



#40
Benzene
Concen: 48.436 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.5	29.3

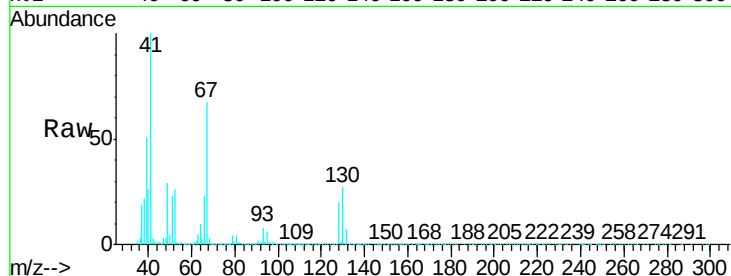




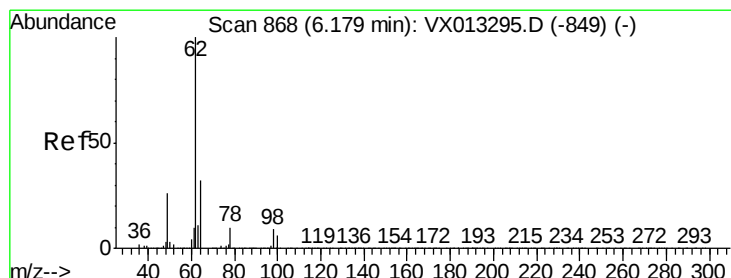
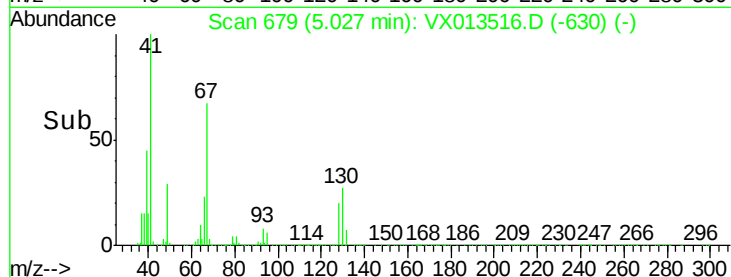
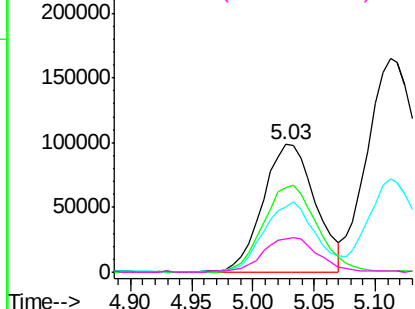
#41
Methacrylonitrile
Concen: 49.127 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MS

Tgt Ion:	41	Resp:	292888
Ion	Ratio	Lower	Upper
41	100		
39	55.2	45.0	67.6
67	70.2	55.4	83.2
52	28.1	23.1	34.7

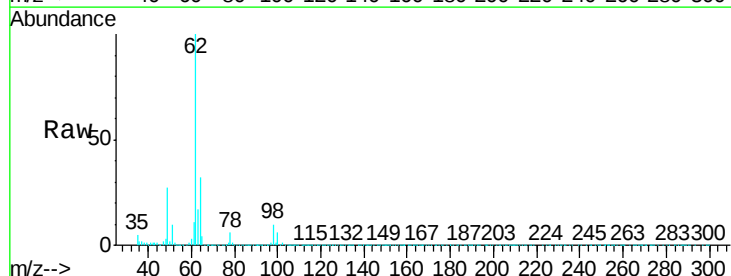


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

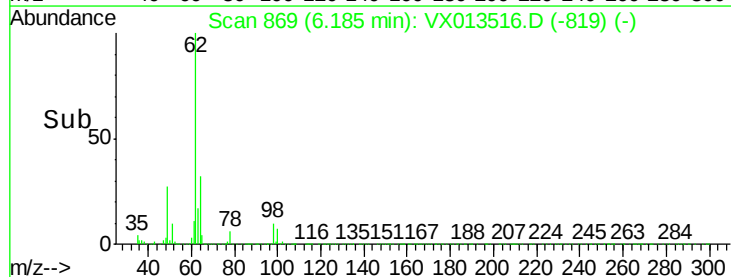
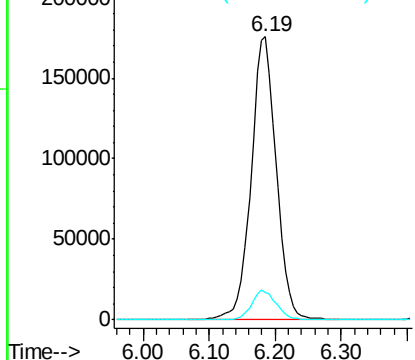


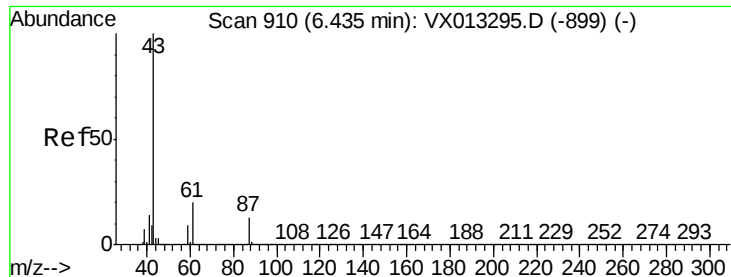
#42
1,2-Dichloroethane
Concen: 48.168 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

Tgt Ion:	62	Resp:	465872
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 49.680 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MS

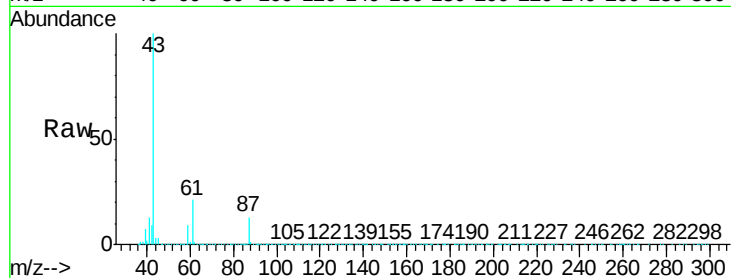
Tgt Ion: 43 Resp: 822855

Ion Ratio Lower Upper

43 100

61 20.0 15.8 23.8

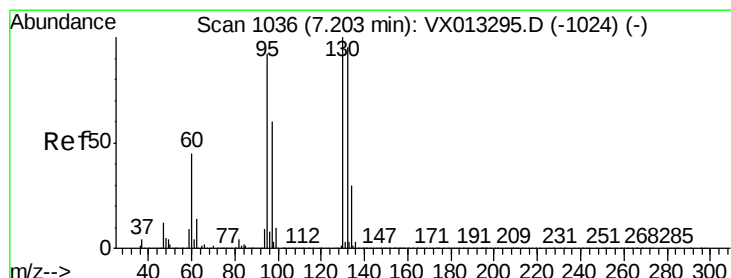
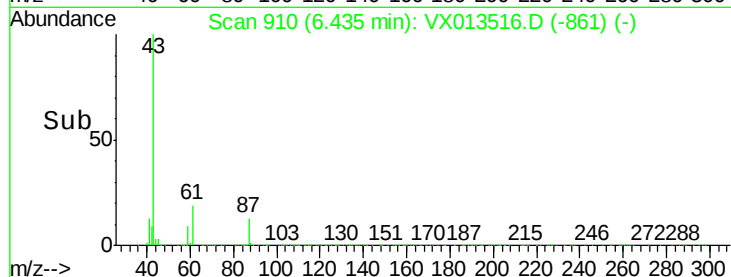
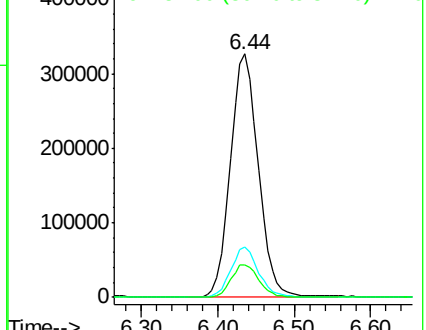
87 13.3 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 2916.843 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013516.D

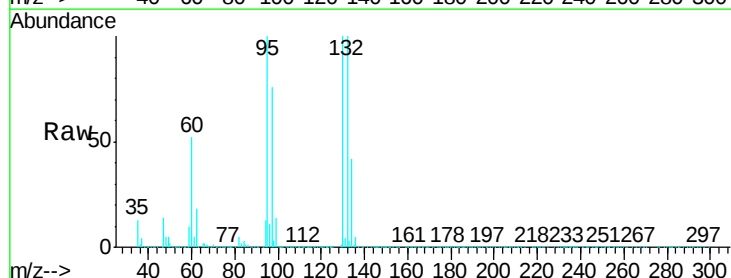
Acq: 21 Nov 2019 20:16

Tgt Ion: 130 Resp: 21528972

Ion Ratio Lower Upper

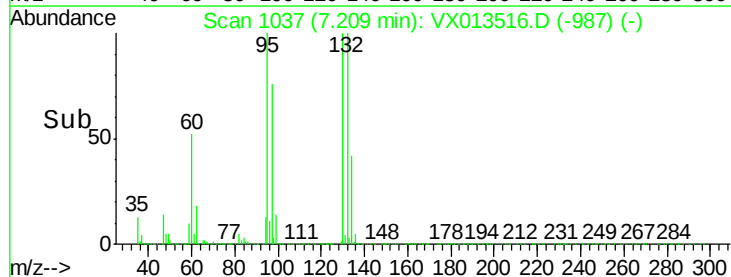
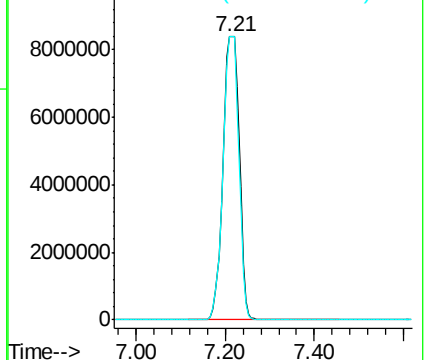
130 100

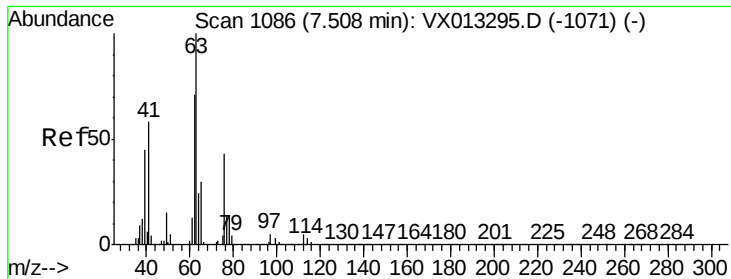
95 100.0 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

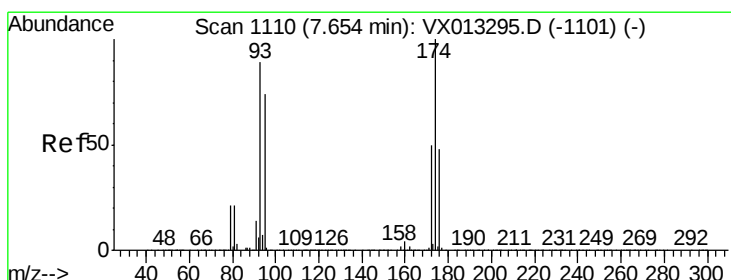
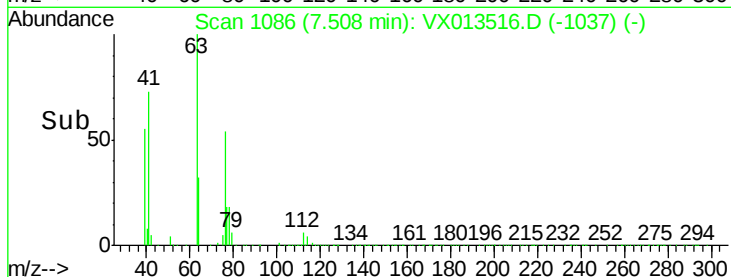
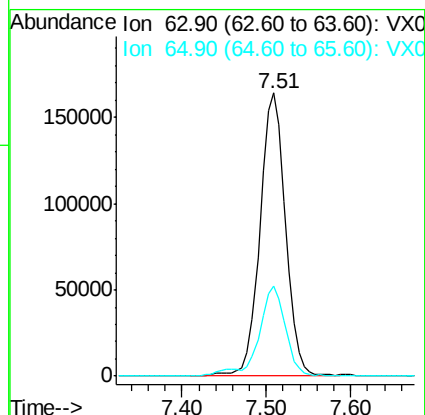
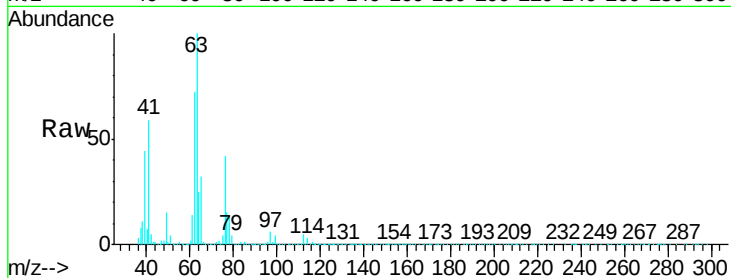




#45
 1,2-Dichloropropane
 Concen: 49.805 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013516.D
 Acq: 21 Nov 2019 20:16

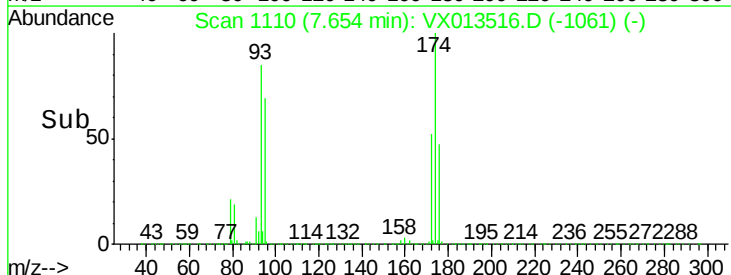
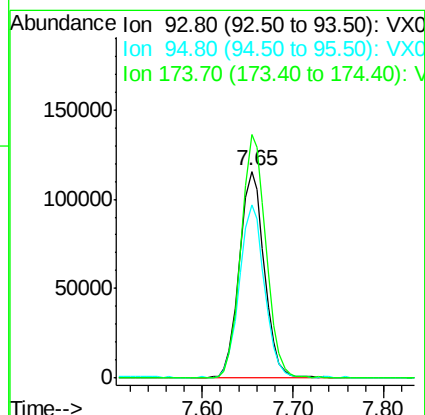
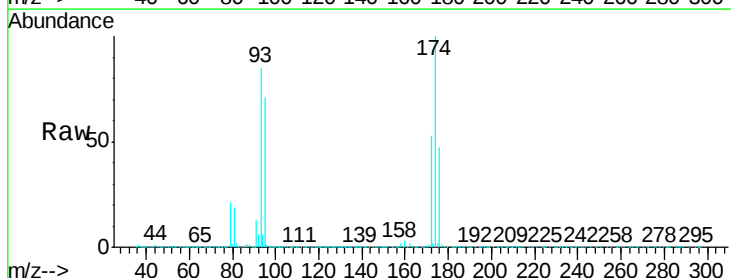
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20191120MS

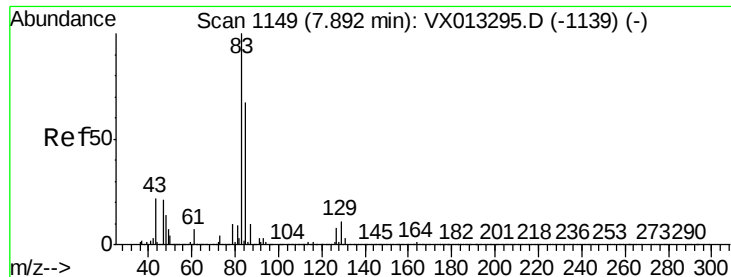
Tgt Ion: 63 Resp: 340272
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.3 36.5



#46
 Dibromomethane
 Concen: 47.551 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013516.D
 Acq: 21 Nov 2019 20:16

Tgt Ion: 93 Resp: 221813
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.8 98.6
 174 117.4 90.4 135.6





#47

Bromodichloromethane

Concen: 50.649 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MS

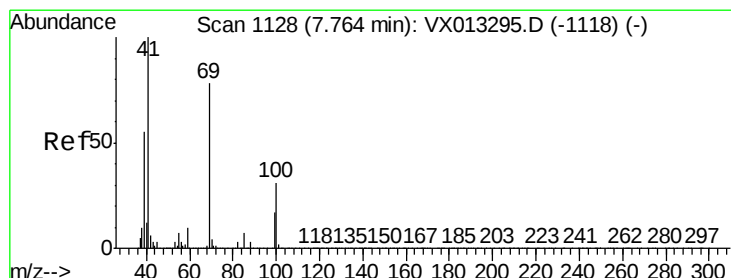
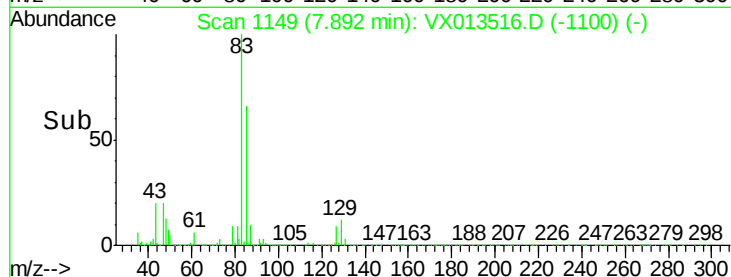
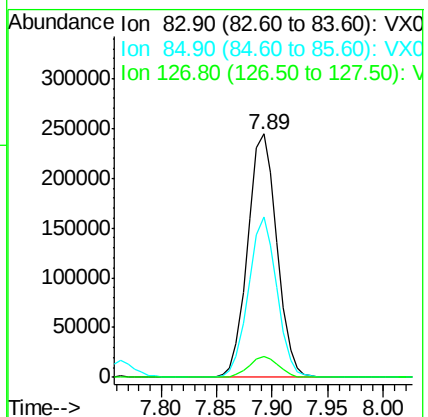
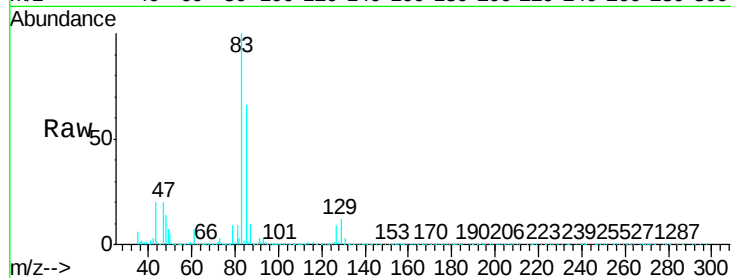
Tgt Ion: 83 Resp: 44524

Ion Ratio Lower Upper

83 100

85 66.0 53.7 80.5

127 8.6 6.4 9.6



#48

Methyl methacrylate

Concen: 51.303 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

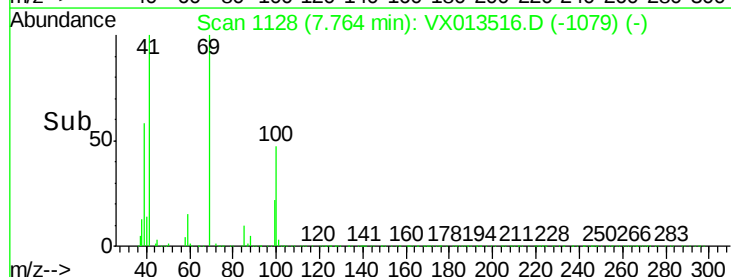
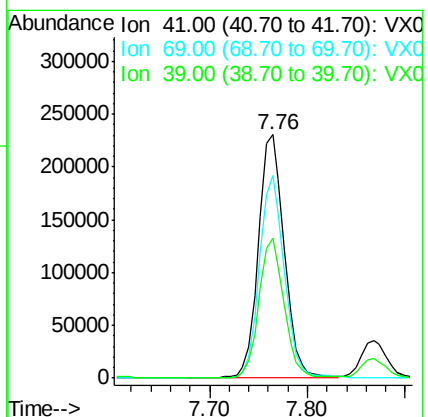
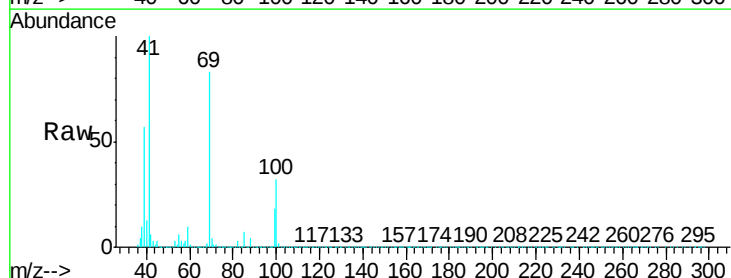
Tgt Ion: 41 Resp: 424170

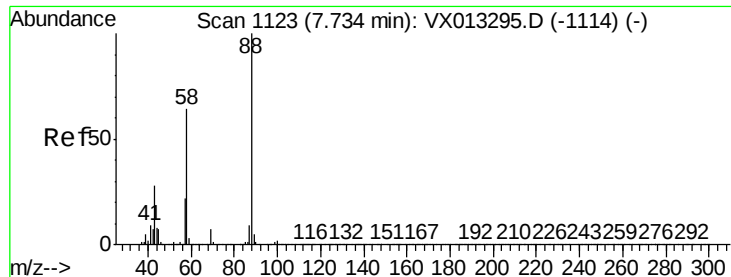
Ion Ratio Lower Upper

41 100

69 80.8 63.0 94.6

39 55.3 45.9 68.9

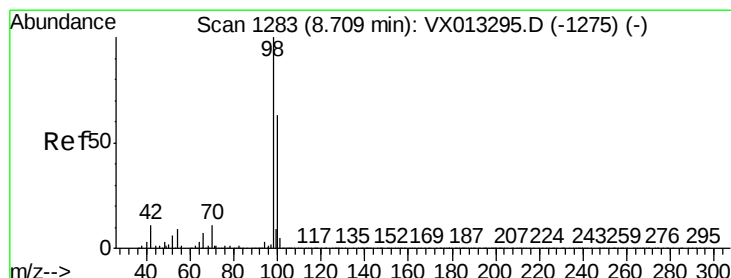
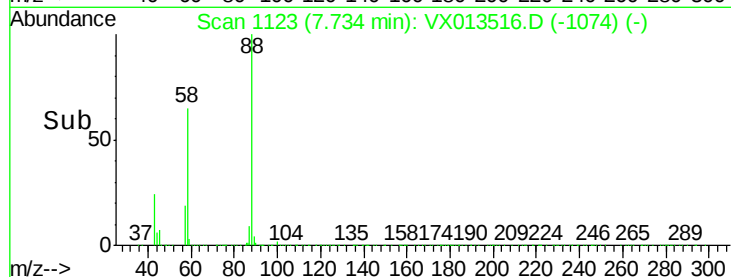
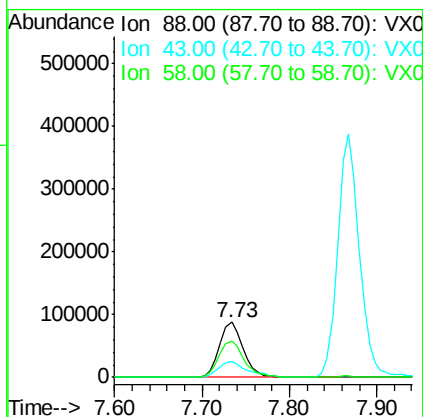
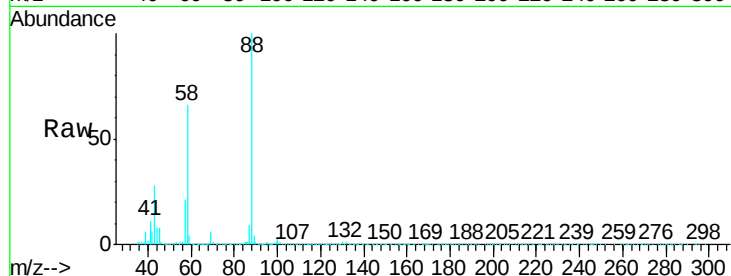




#49
1,4-Dioxane
Concen: 866.827 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

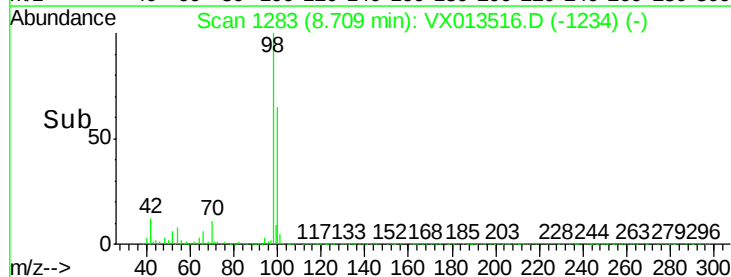
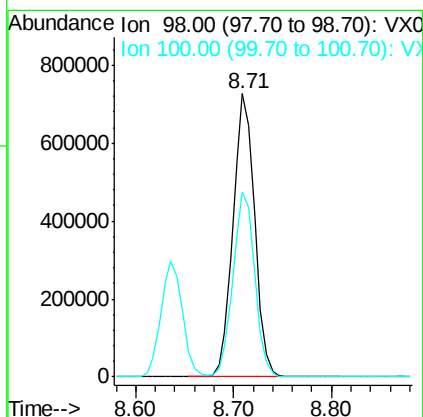
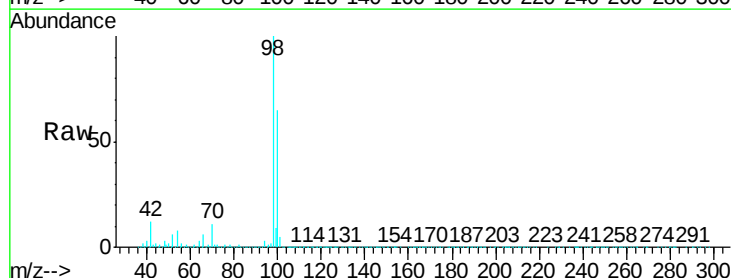
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MS

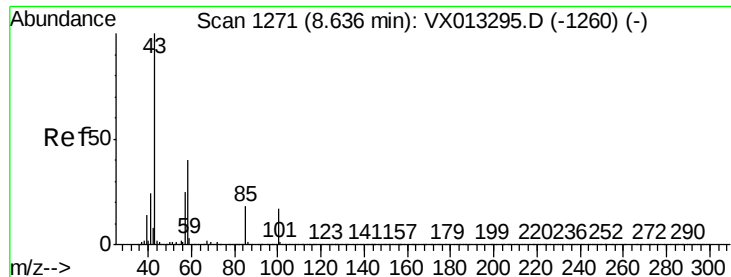
Tgt Ion: 88 Resp: 164130
Ion Ratio Lower Upper
88 100
43 33.8 26.6 39.8
58 70.4 55.0 82.6



#50
Toluene-d8
Concen: 46.889 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

Tgt Ion: 98 Resp: 1112492
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.2

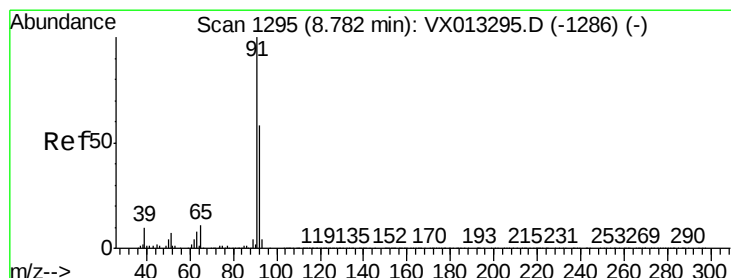
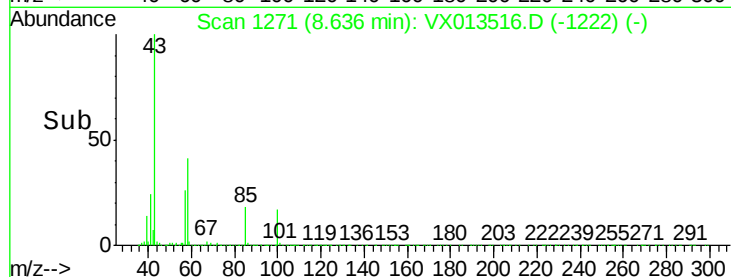
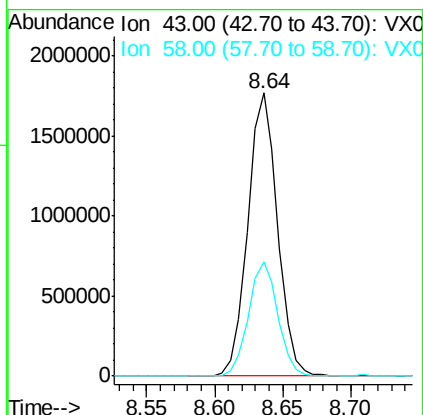
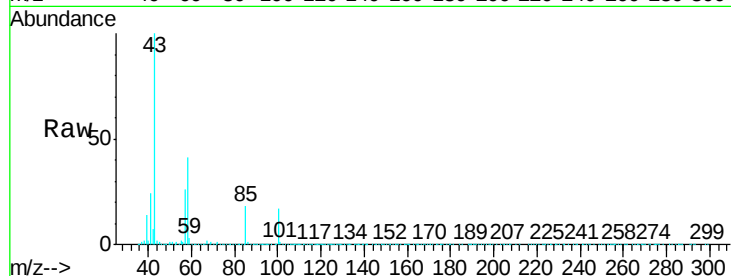




#51
4-Methyl-2-Pentanone
Concen: 248.965 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

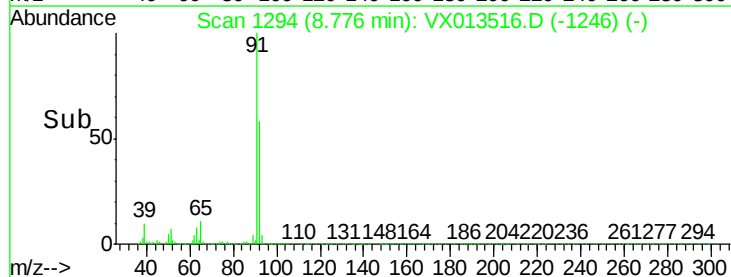
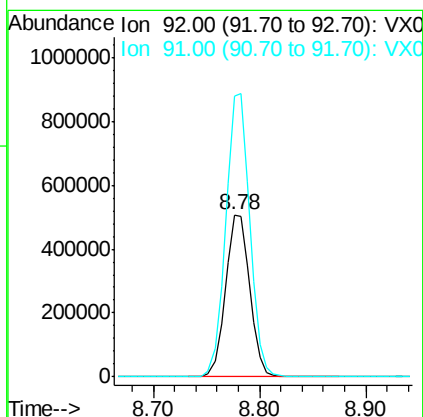
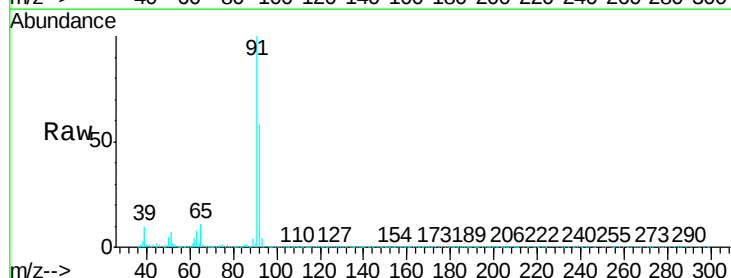
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MS

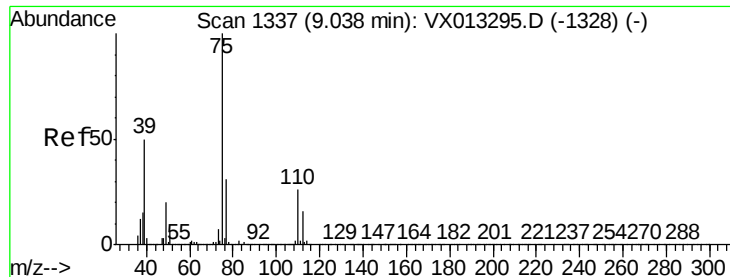
Tgt Ion: 43 Resp: 2705472
Ion Ratio Lower Upper
43 100
58 40.1 31.4 47.0



#52
Toluene
Concen: 48.509 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

Tgt Ion: 92 Resp: 806169
Ion Ratio Lower Upper
92 100
91 173.6 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 50.829 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

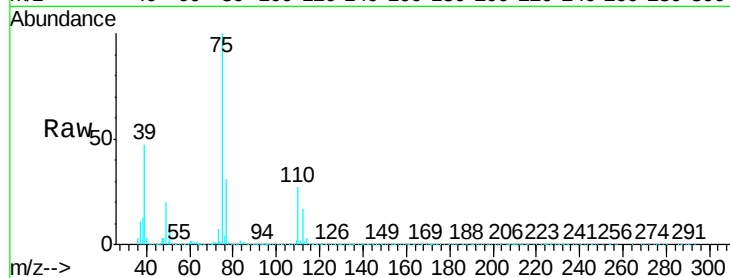
15BR-20191120MS

Tgt Ion: 75 Resp: 488906

Ion Ratio Lower Upper

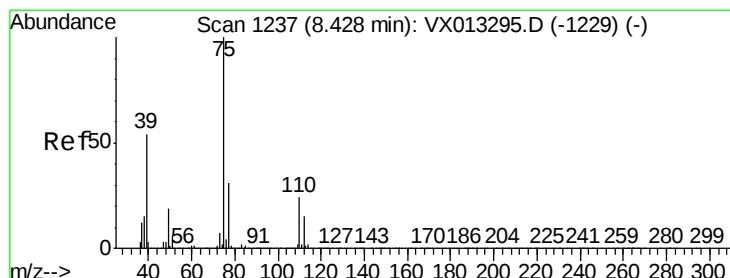
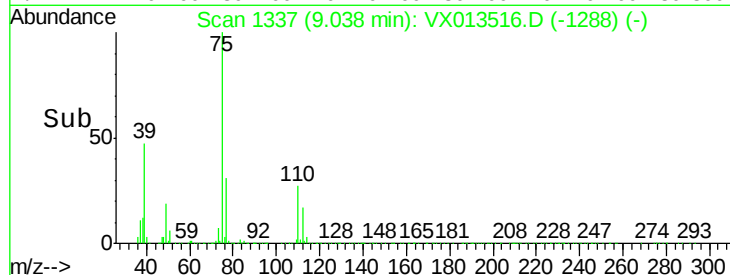
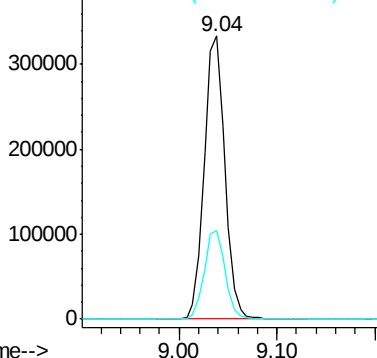
75 100

77 31.4 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.105 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

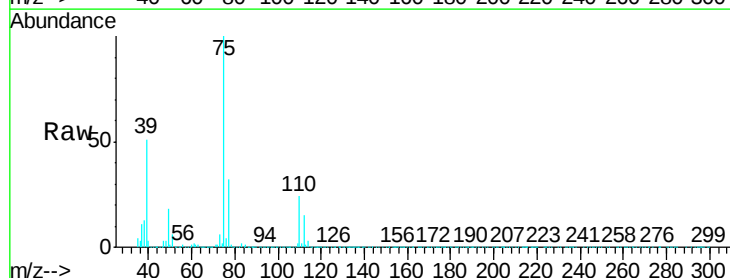
Tgt Ion: 75 Resp: 539106

Ion Ratio Lower Upper

75 100

77 31.7 24.7 37.1

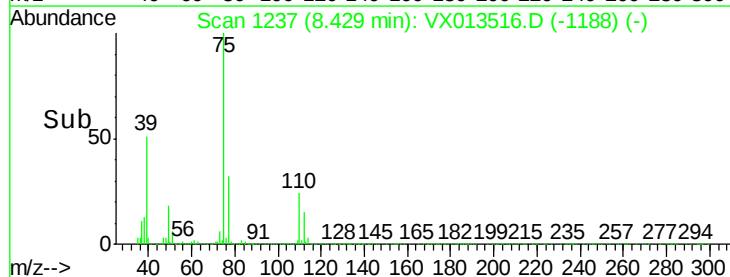
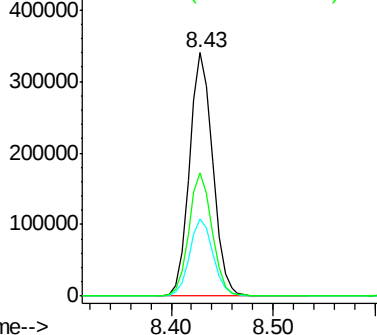
39 50.5 43.0 64.6

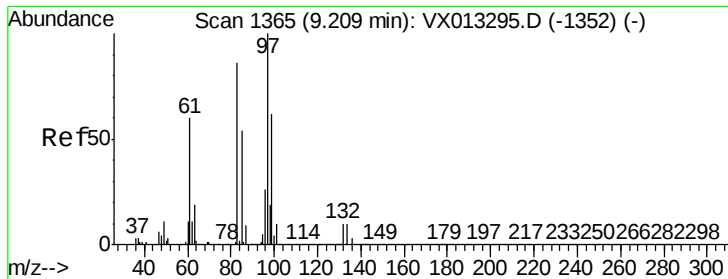


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 50.413 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MS

Tgt Ion: 97 Resp: 347269

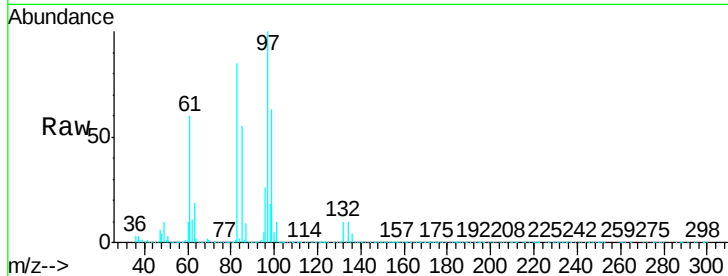
Ion Ratio Lower Upper

97 100

83 85.4 68.6 103.0

85 54.6 43.1 64.7

99 62.7 49.4 74.0

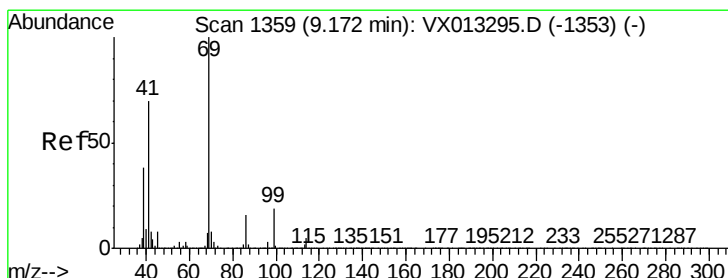
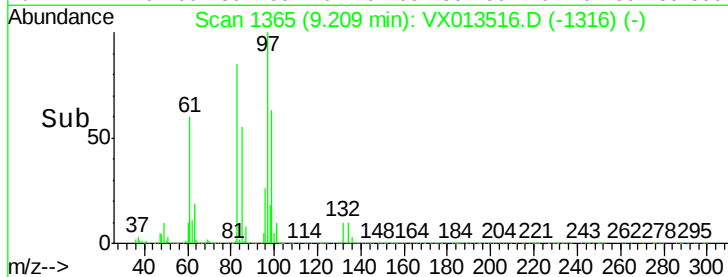
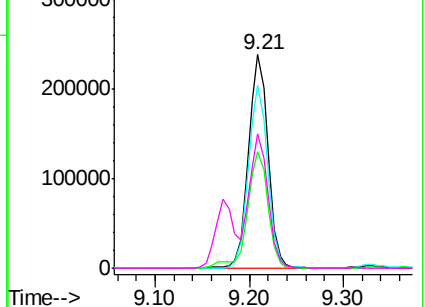


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 47.688 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

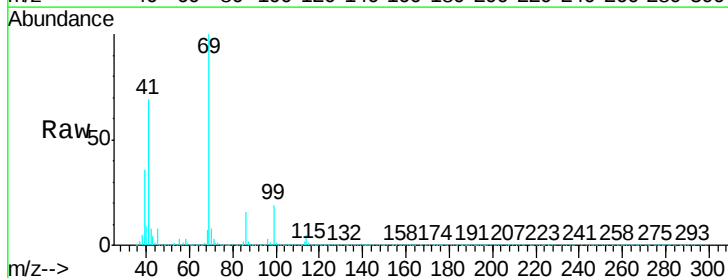
Tgt Ion: 69 Resp: 559929

Ion Ratio Lower Upper

69 100

41 69.4 56.2 84.2

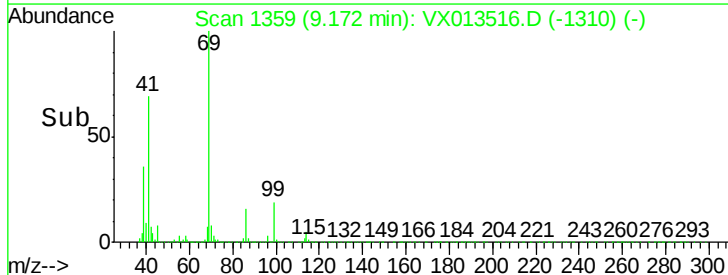
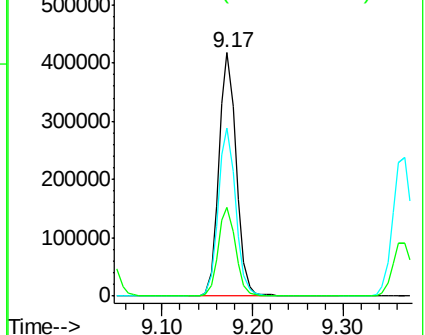
39 36.4 31.1 46.7

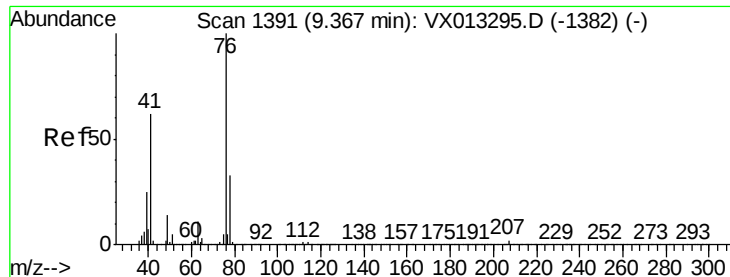


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

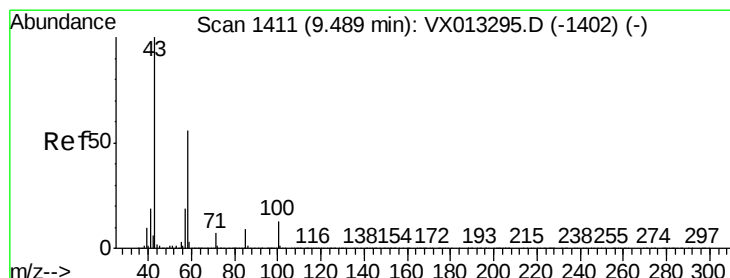
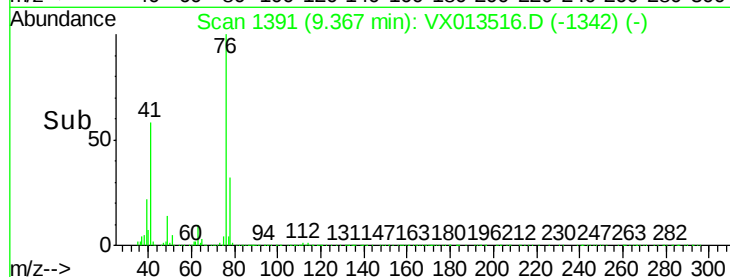
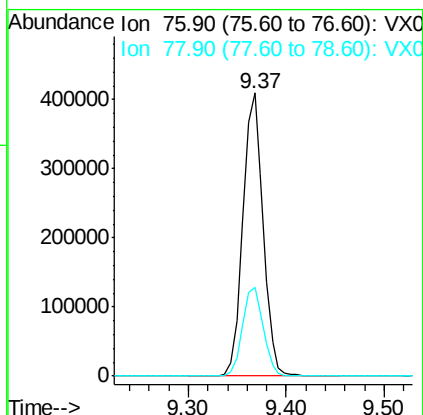
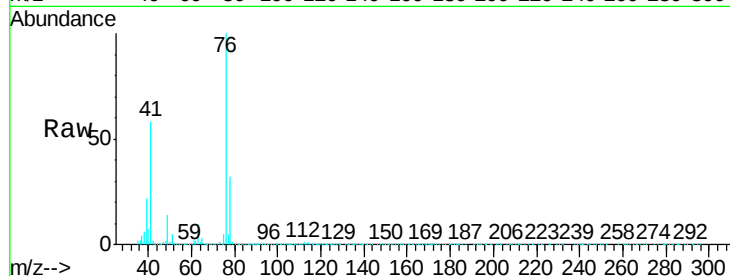




#57
 1,3-Dichloropropane
 Concen: 50.135 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX013516.D
 Acq: 21 Nov 2019 20:16

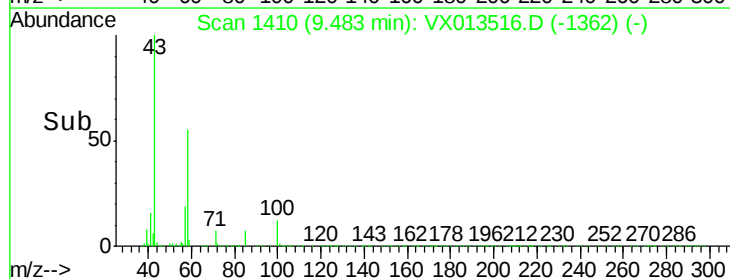
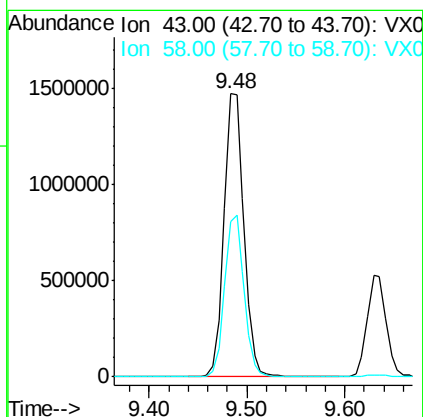
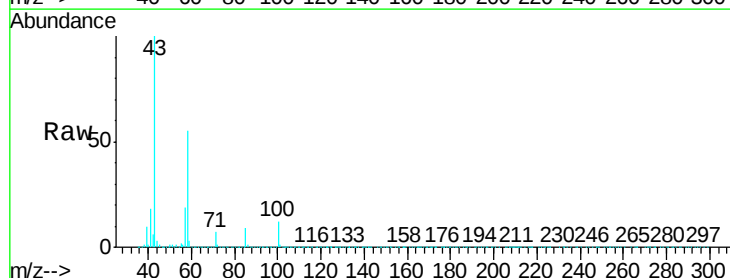
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20191120MS

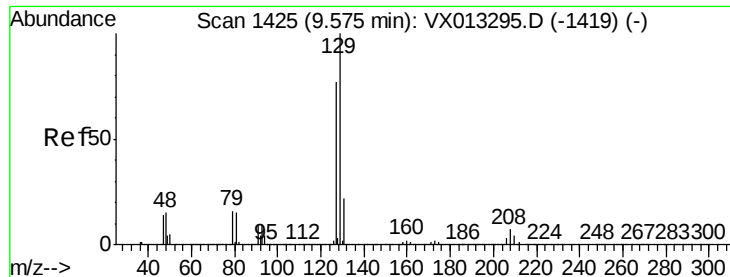
Tgt Ion: 76 Resp: 586245
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#59
 2-Hexanone
 Concen: 246.387 ug/l
 RT: 9.48 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX013516.D
 Acq: 21 Nov 2019 20:16

Tgt Ion: 43 Resp: 2069077
 Ion Ratio Lower Upper
 43 100
 58 56.1 27.3 81.8





#60

Dibromochloromethane

Concen: 52.464 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

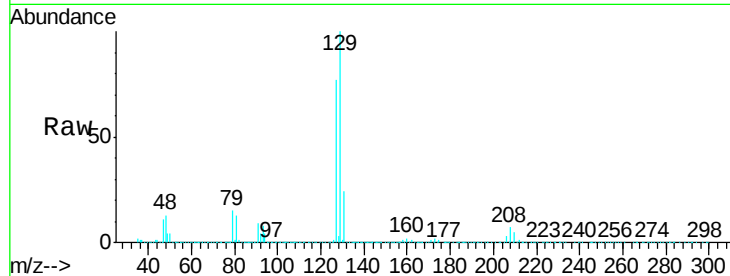
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MS

Tgt Ion:129 Resp: 369609

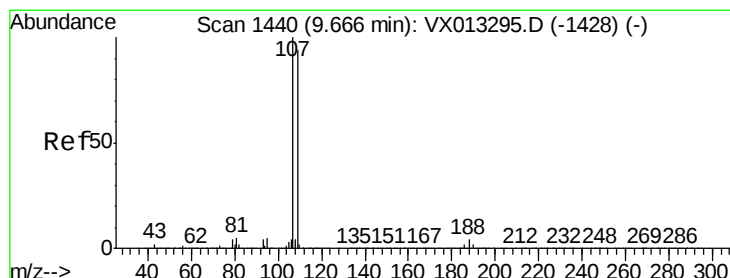
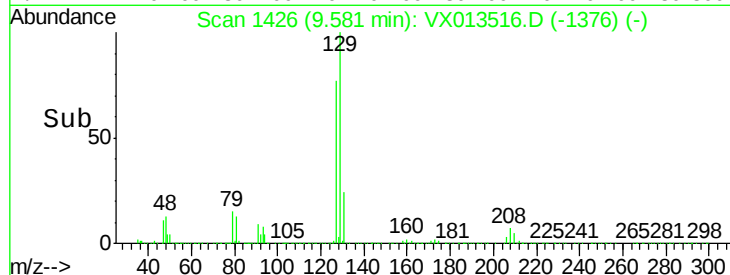
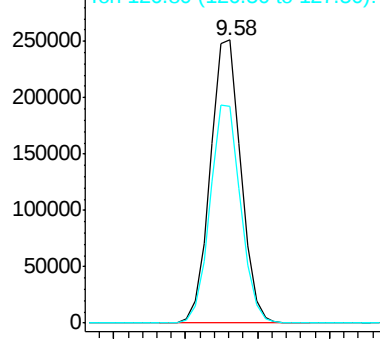
Ion Ratio Lower Upper

129 100

127 77.1 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.868 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013516.D

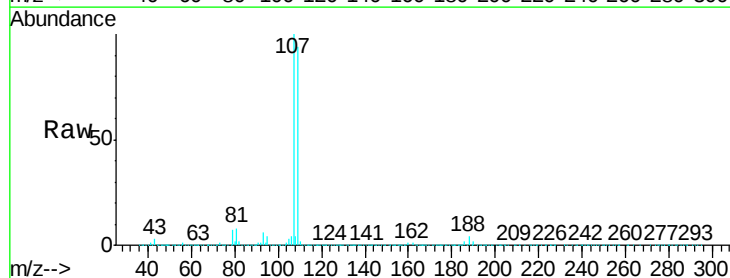
Acq: 21 Nov 2019 20:16

Tgt Ion:107 Resp: 364766

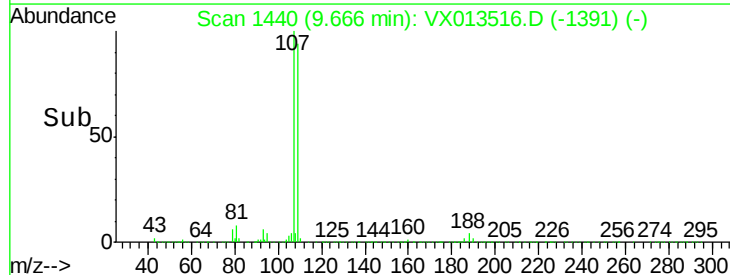
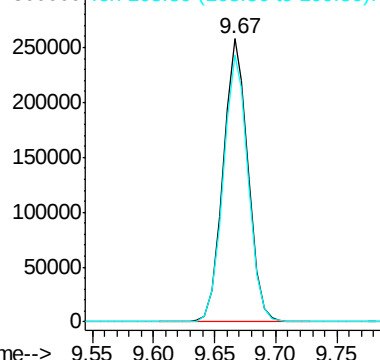
Ion Ratio Lower Upper

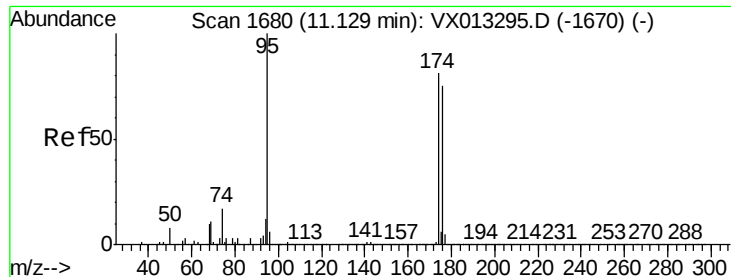
107 100

109 94.8 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V

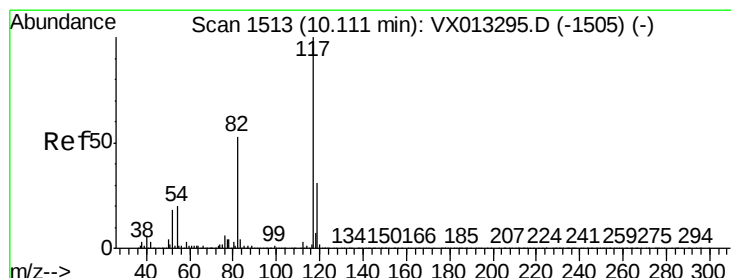
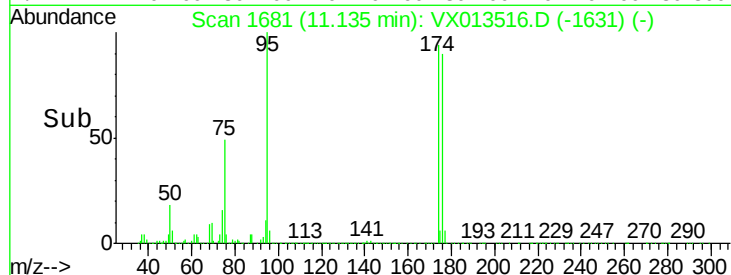
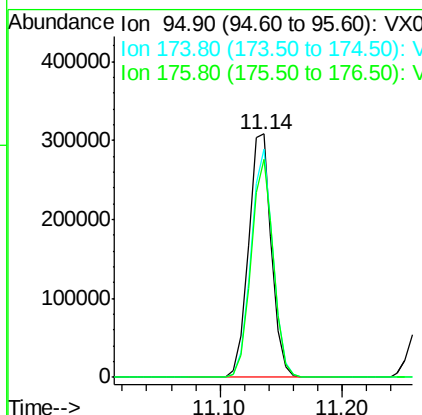
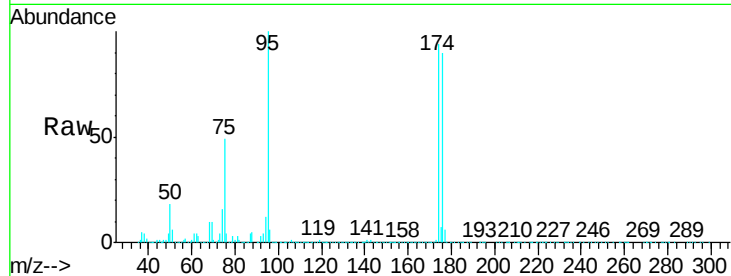




#62
4-Bromofluorobenzene
Concen: 47.041 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

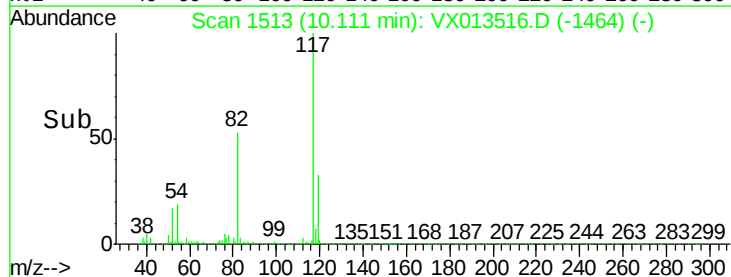
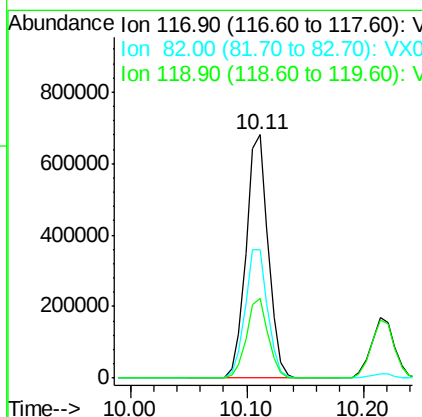
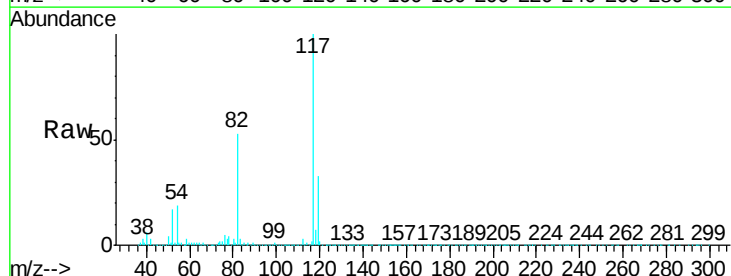
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MS

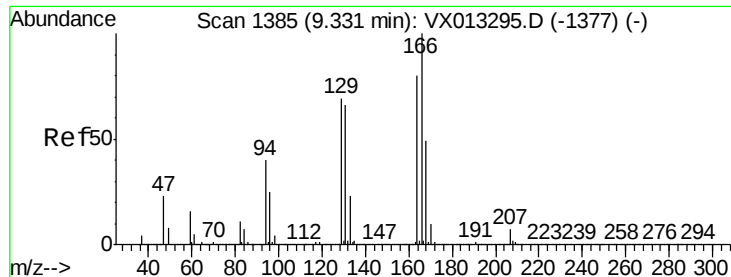
Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.2	0.0	179.8
176	86.9	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.6	64.0
119	32.9	24.8	37.2

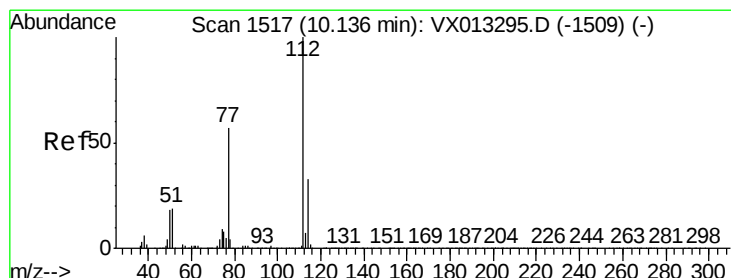
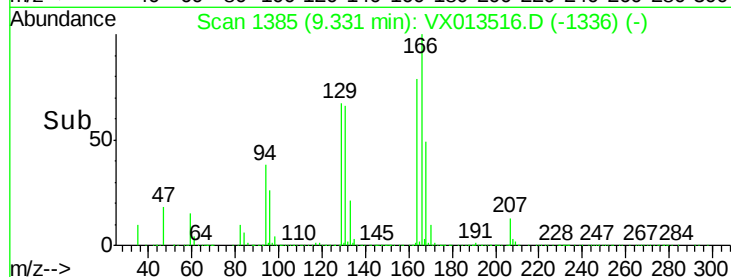
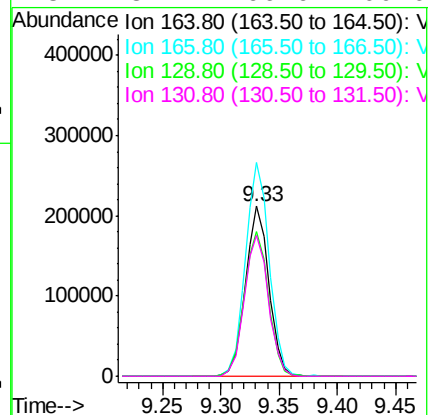
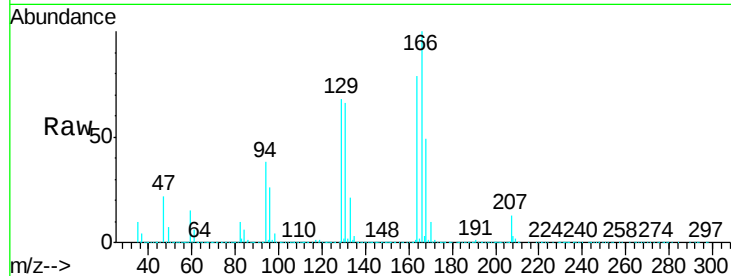




#64
Tetrachloroethene
Concen: 45.968 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

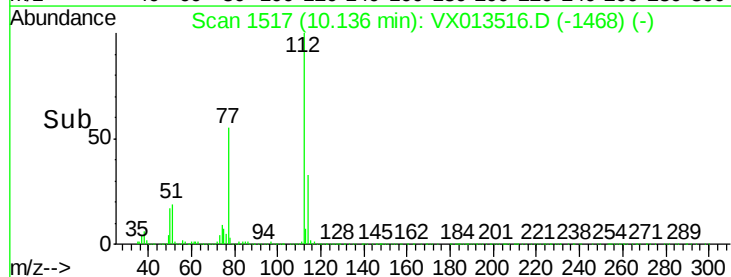
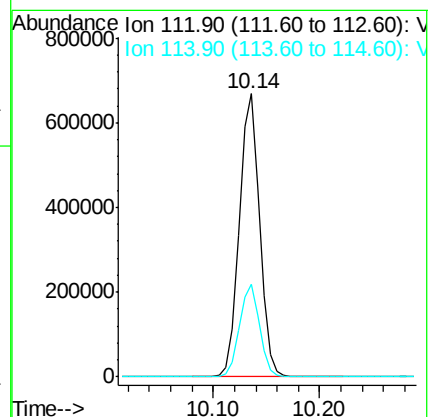
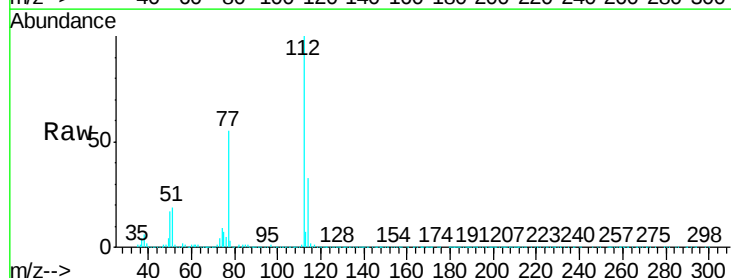
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MS

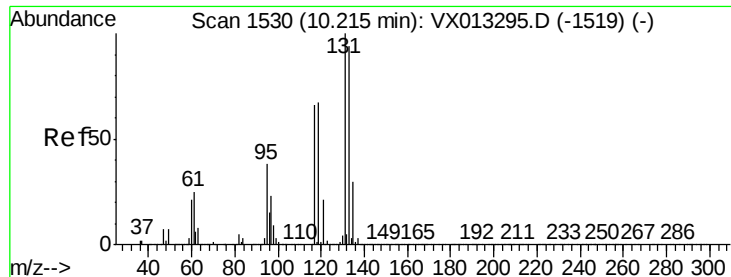
Tgt Ion:164 Resp: 297360
Ion Ratio Lower Upper
164 100
166 125.9 100.4 150.6
129 85.0 69.4 104.2
131 82.7 66.6 100.0



#65
Chlorobenzene
Concen: 48.981 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

Tgt Ion:112 Resp: 896086
Ion Ratio Lower Upper
112 100
114 32.7 26.4 39.6





#66

1,1,1,2-Tetrachloroethane

Concen: 50.901 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MS

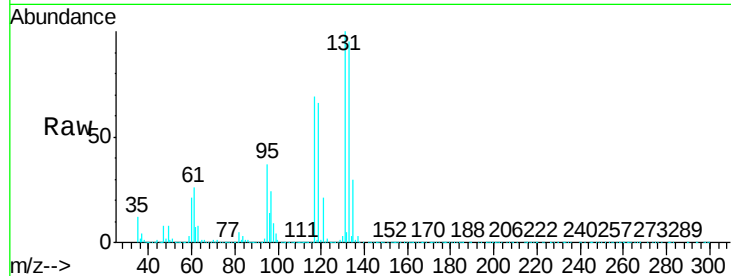
Tgt Ion:131 Resp: 341915

Ion Ratio Lower Upper

131 100

133 95.6 48.0 144.0

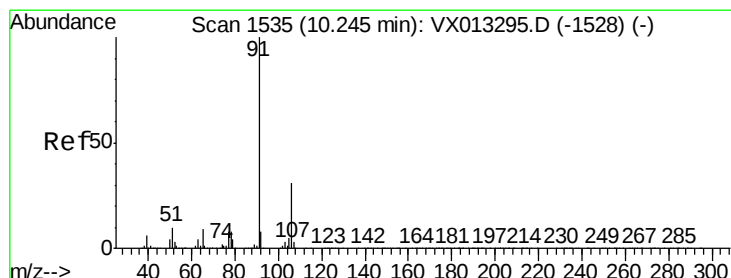
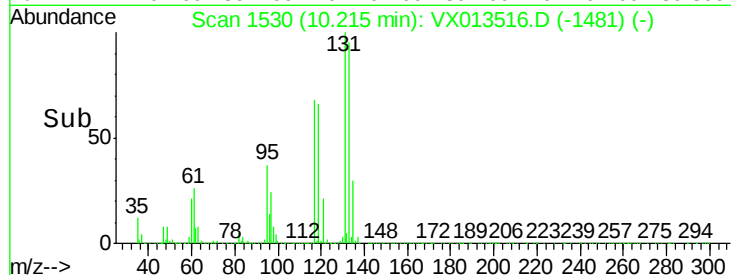
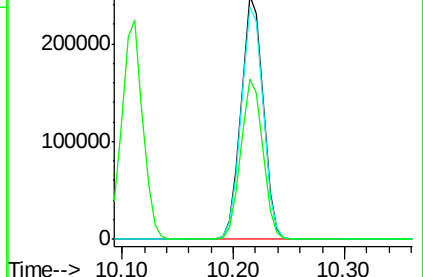
119 65.7 33.0 99.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 49.024 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013516.D

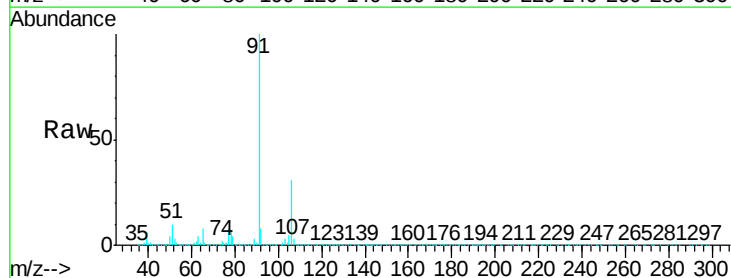
Acq: 21 Nov 2019 20:16

Tgt Ion: 91 Resp: 1547912

Ion Ratio Lower Upper

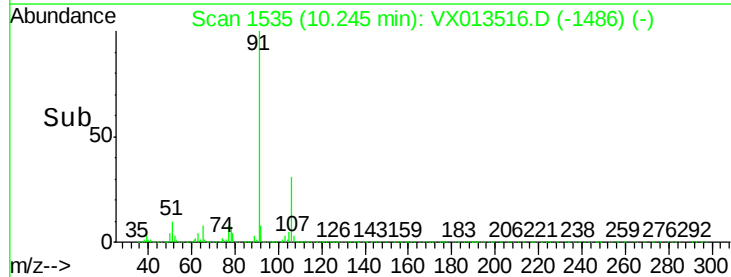
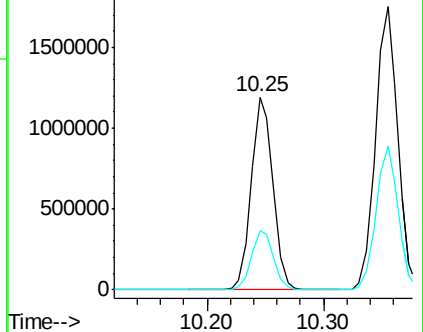
91 100

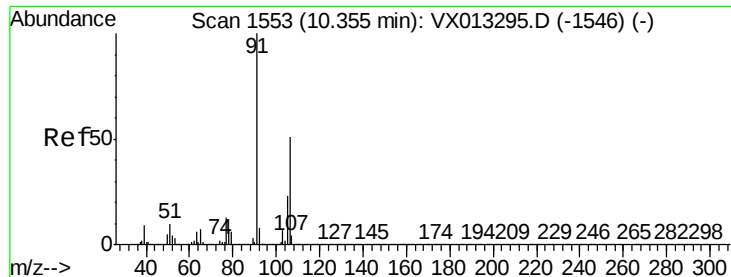
106 30.5 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 98.147 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

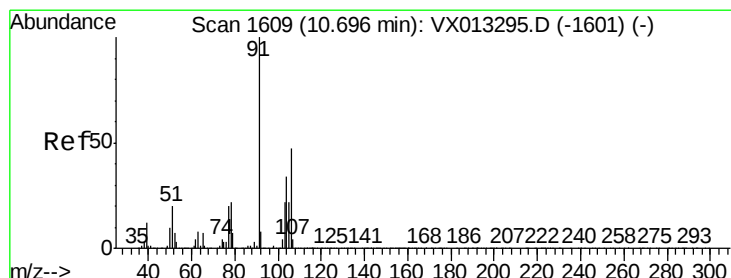
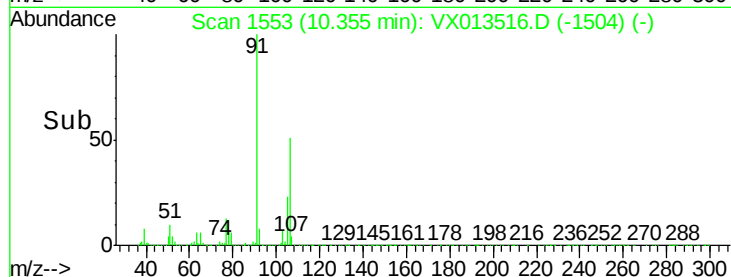
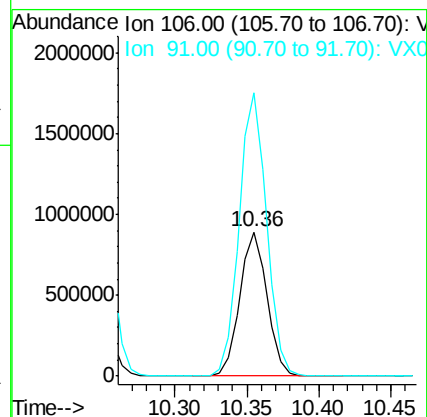
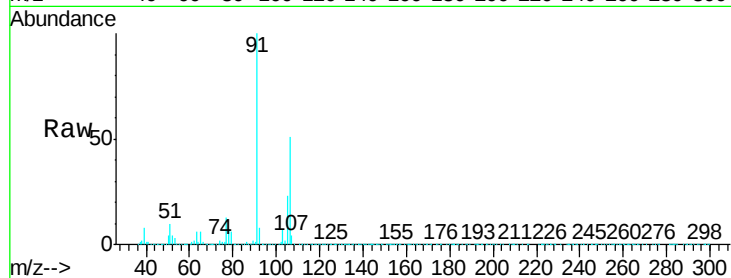
15BR-20191120MS

Tgt Ion:106 Resp: 1171996

Ion Ratio Lower Upper

106 100

91 198.0 159.3 238.9



#69

o-Xylene

Concen: 49.611 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013516.D

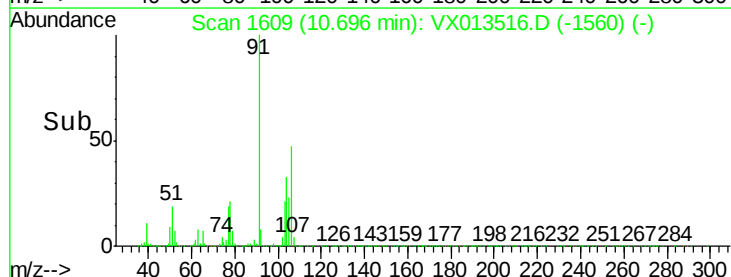
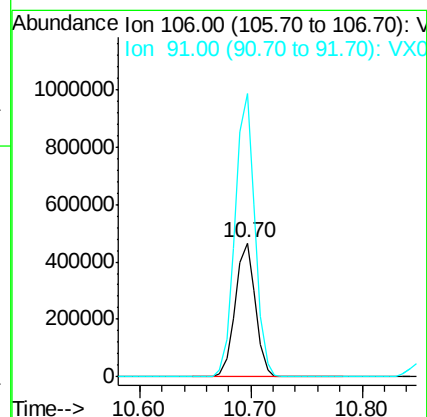
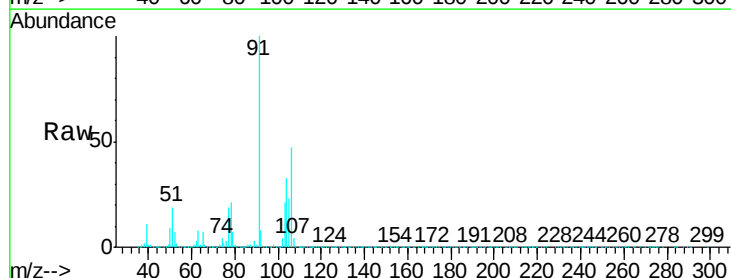
Acq: 21 Nov 2019 20:16

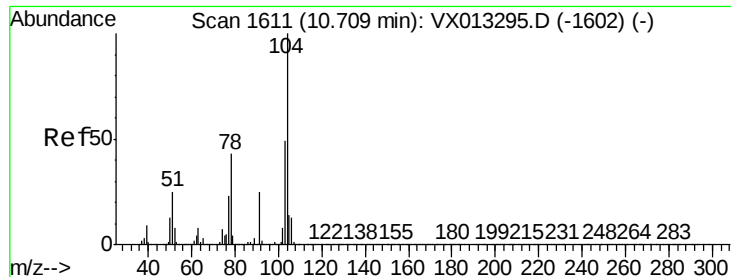
Tgt Ion:106 Resp: 579997

Ion Ratio Lower Upper

106 100

91 208.7 105.7 317.0

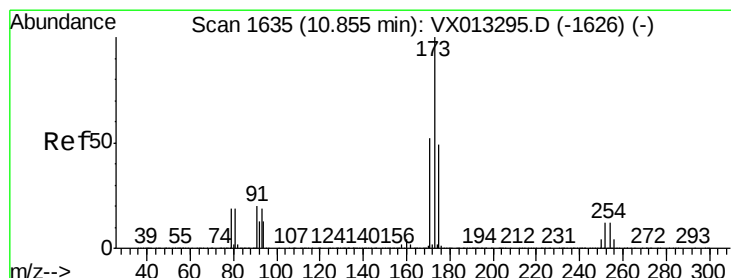
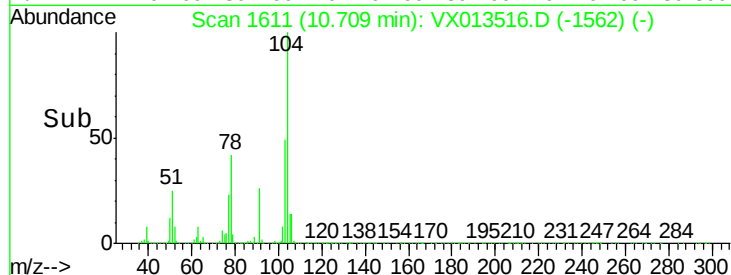
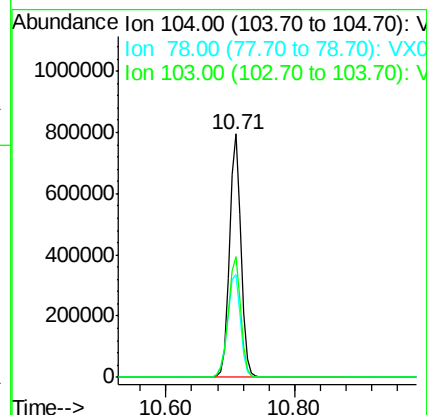
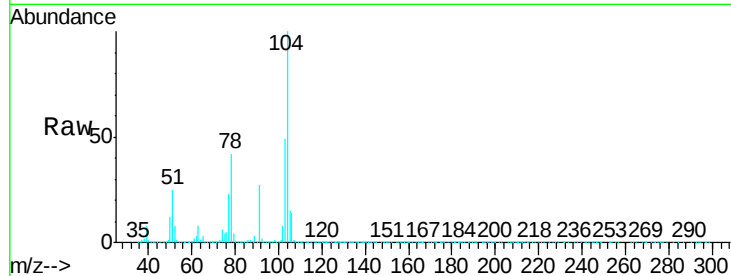




#70
Styrene
Concen: 51.020 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

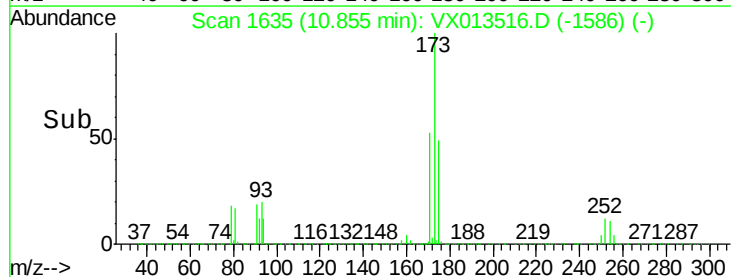
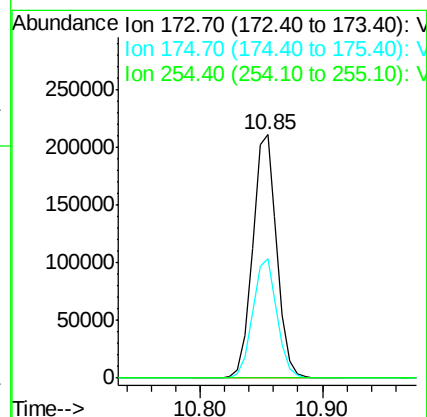
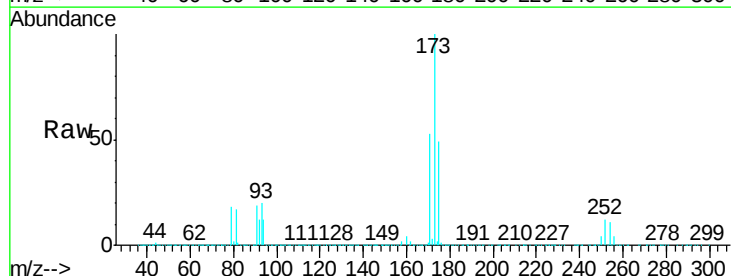
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MS

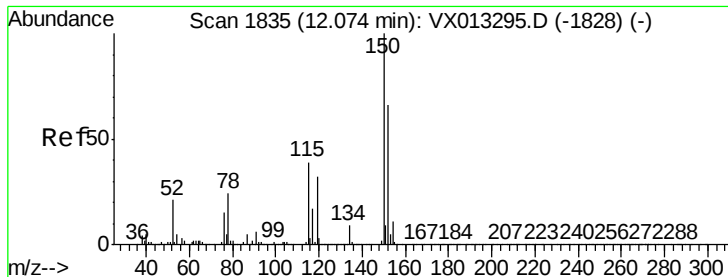
Tgt Ion:104 Resp: 997055
Ion Ratio Lower Upper
104 100
78 48.3 40.0 60.0
103 54.4 44.1 66.1



#71
Bromoform
Concen: 46.467 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

Tgt Ion:173 Resp: 287902
Ion Ratio Lower Upper
173 100
175 49.3 24.8 74.4
254 0.2 0.2 0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MS

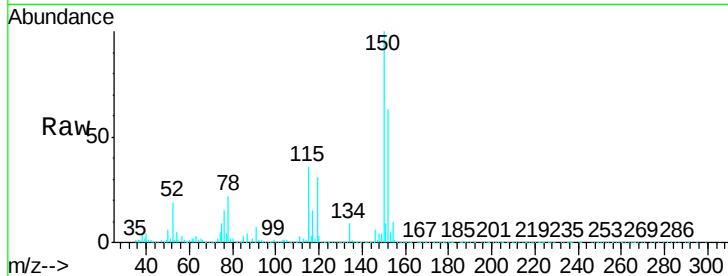
Tgt Ion:152 Resp: 442119

Ion Ratio Lower Upper

152 100

115 76.8 39.5 118.3

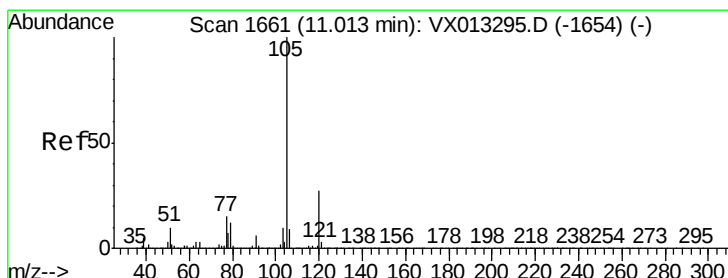
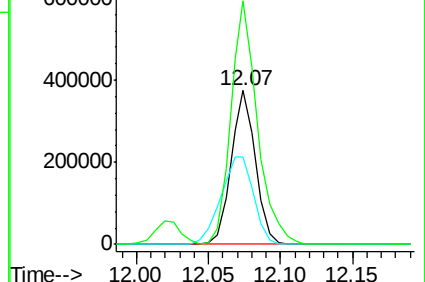
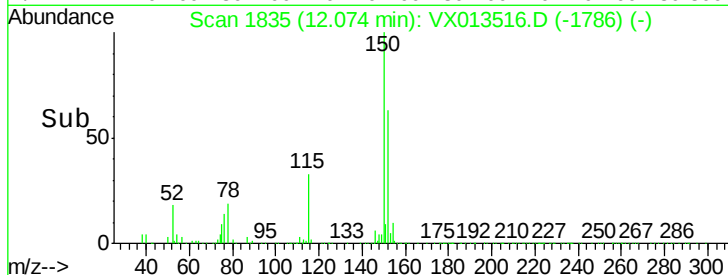
150 172.9 0.0 344.4



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: 51.759 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013516.D

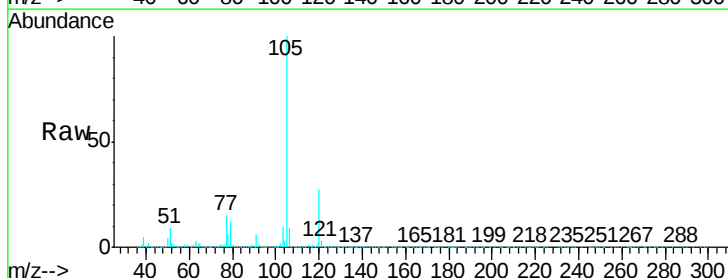
Acq: 21 Nov 2019 20:16

Tgt Ion:105 Resp: 1517218

Ion Ratio Lower Upper

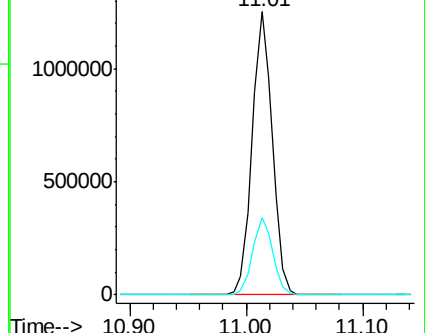
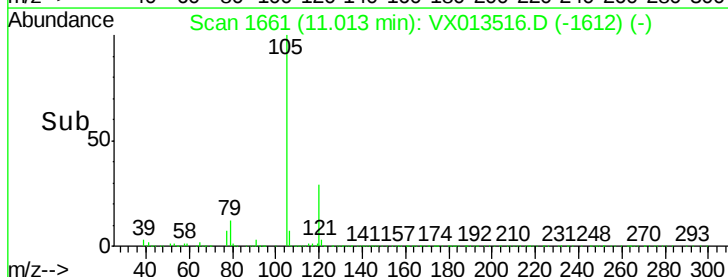
105 100

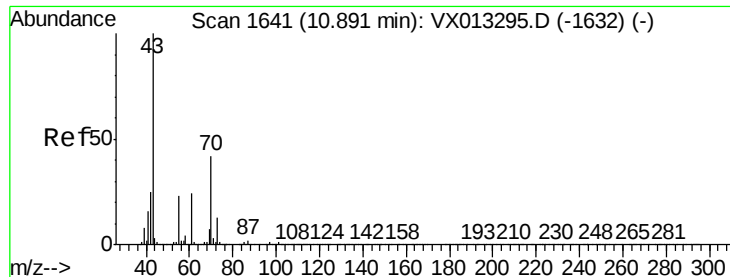
120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 52.244 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MS

Tgt Ion: 43 Resp: 710163

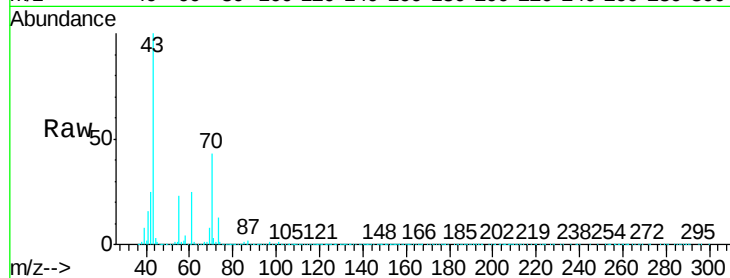
Ion Ratio Lower Upper

43 100

70 43.6 34.1 51.1

55 23.9 18.9 28.3

61 24.7 19.2 28.8

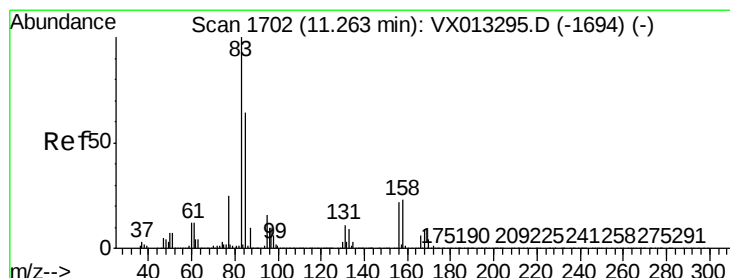
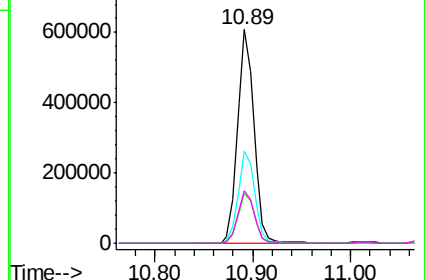
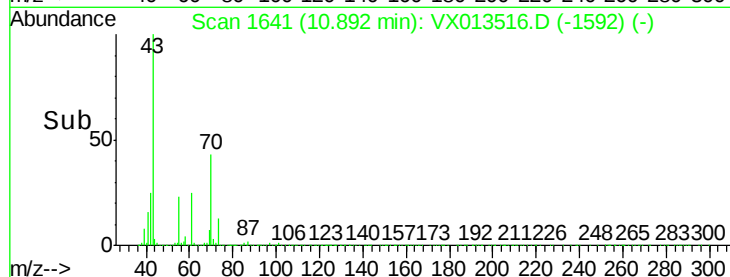


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.892 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

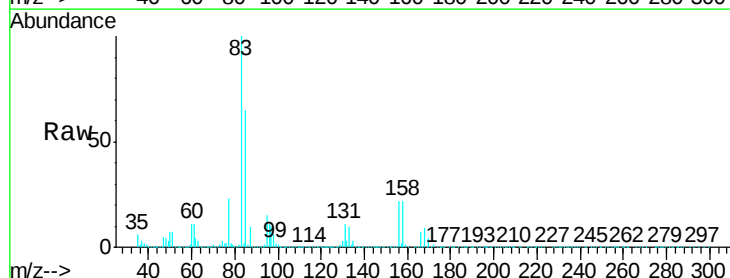
Tgt Ion: 83 Resp: 565623

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

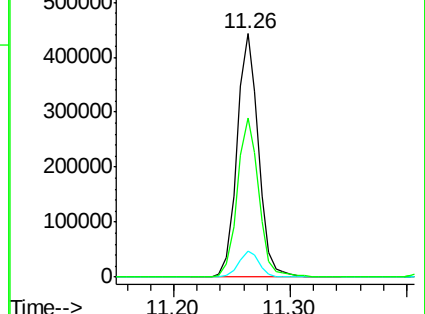
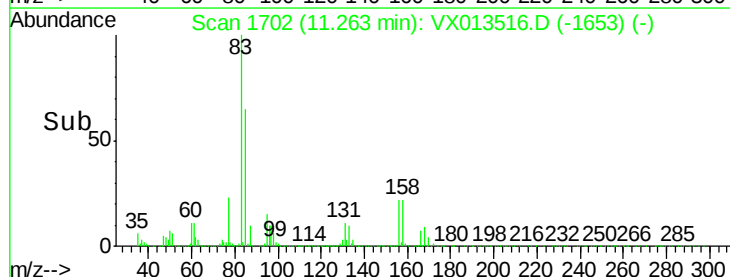
85 65.5 32.3 96.8

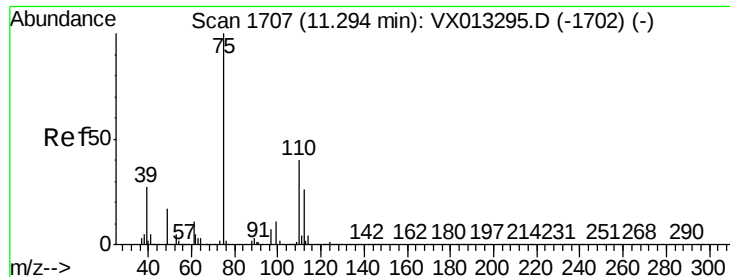


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

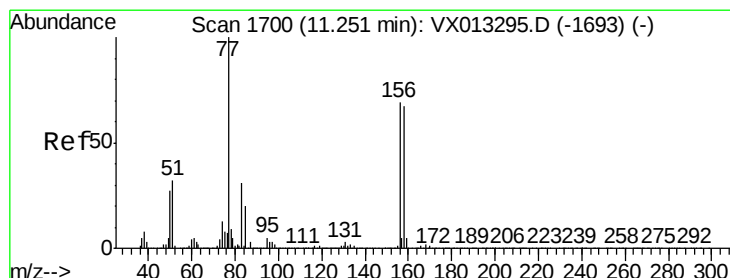
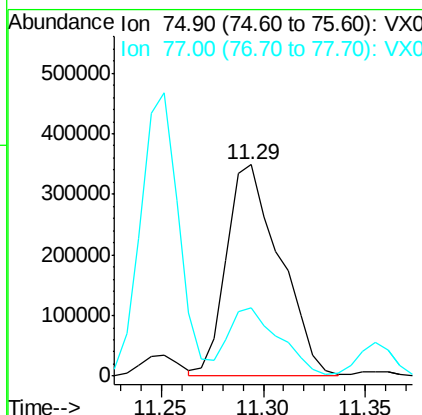
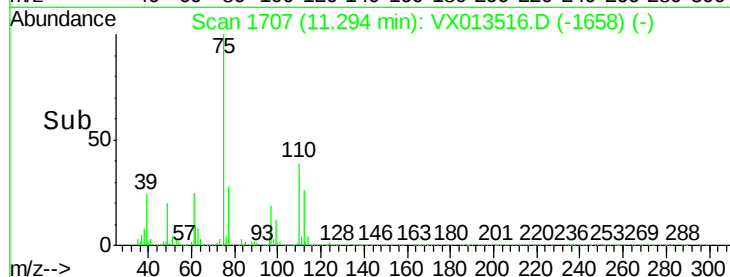
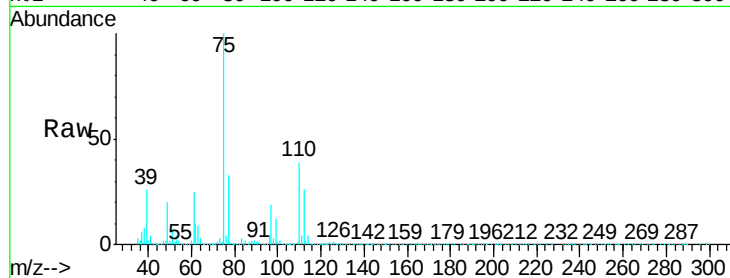




#76
 1,2,3-Trichloropropane
 Concen: 70.576 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX013516.D
 Acq: 21 Nov 2019 20:16

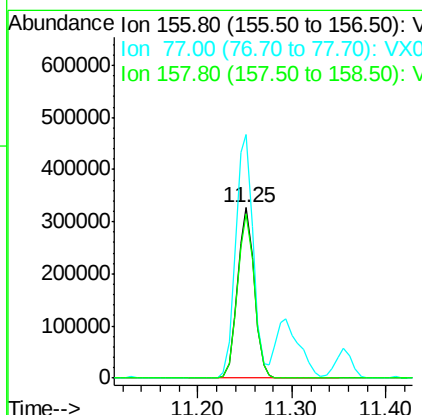
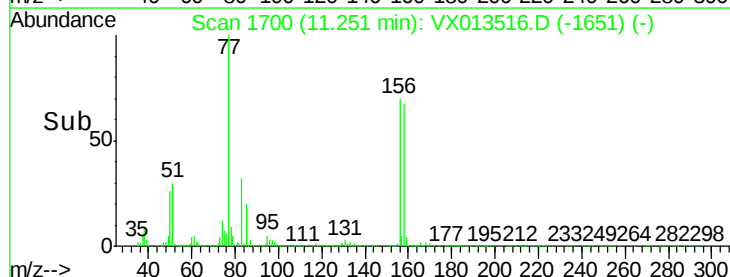
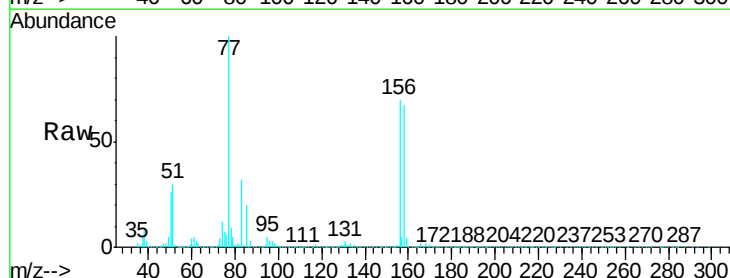
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20191120MS

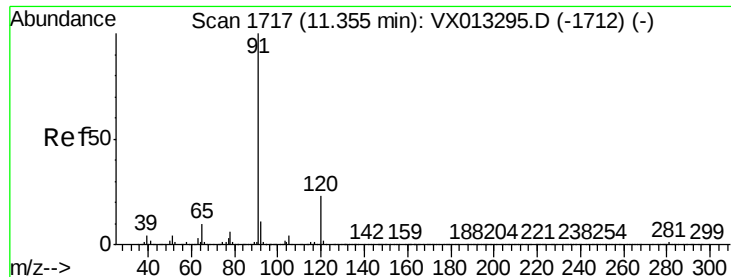
Tgt Ion: 75 Resp: 633773
 Ion Ratio Lower Upper
 75 100
 77 30.5 22.3 66.8



#77
 Bromobenzene
 Concen: 51.507 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX013516.D
 Acq: 21 Nov 2019 20:16

Tgt Ion: 156 Resp: 402502
 Ion Ratio Lower Upper
 156 100
 77 150.6 75.8 227.4
 158 97.7 47.6 142.8

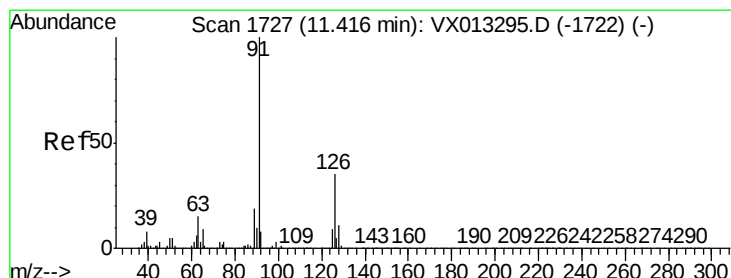
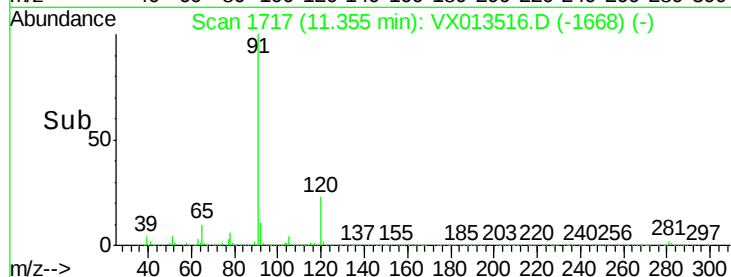
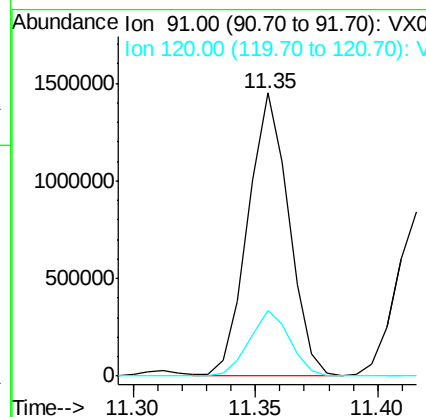
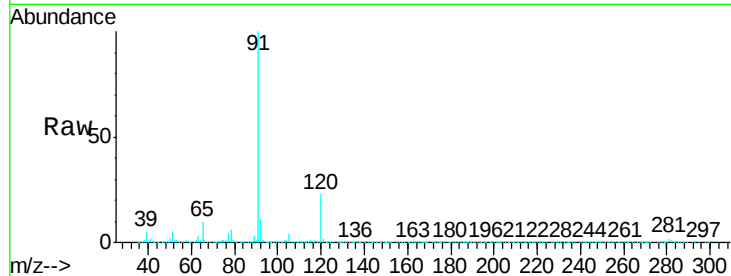




#78
n-propylbenzene
Concen: 51.526 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

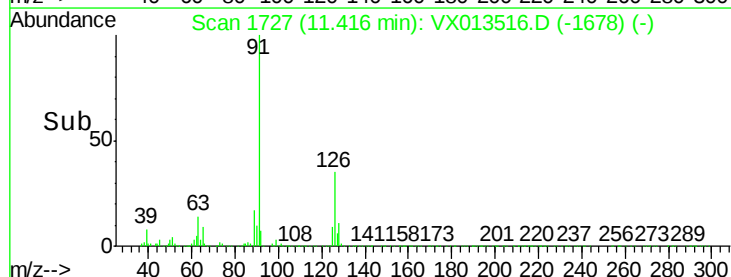
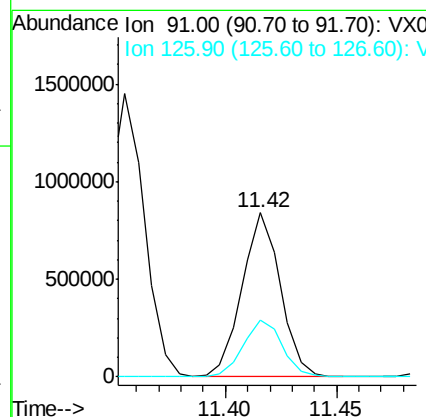
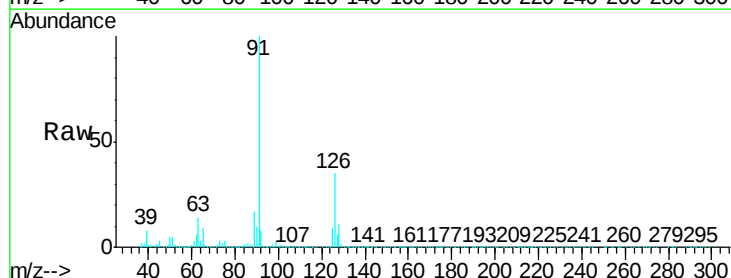
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MS

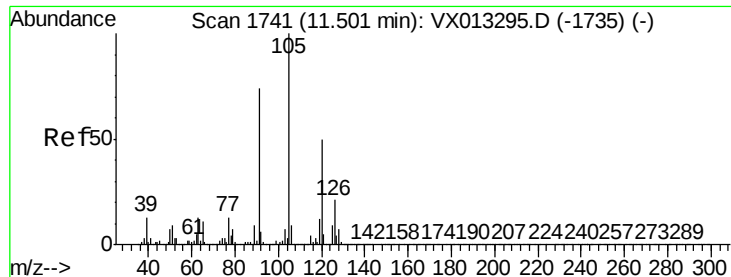
Tgt Ion: 91 Resp: 1682490
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8



#79
2-Chlorotoluene
Concen: 51.191 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

Tgt Ion: 91 Resp: 1007100
Ion Ratio Lower Upper
91 100
126 35.3 17.3 52.0

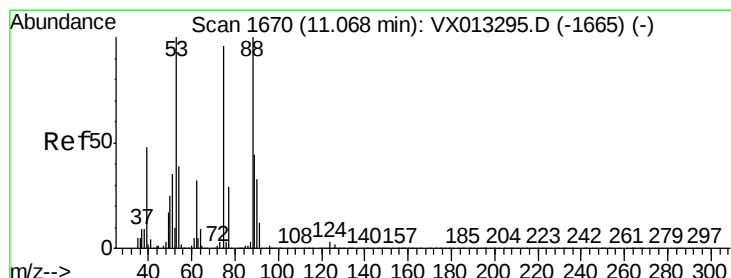
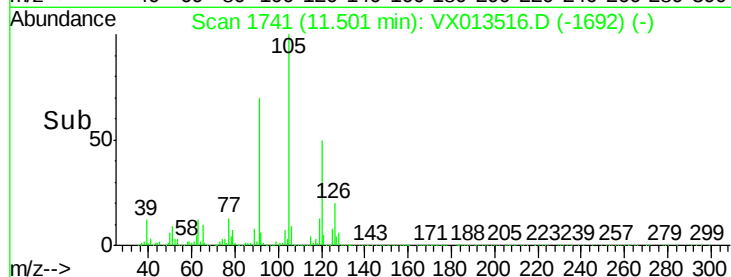
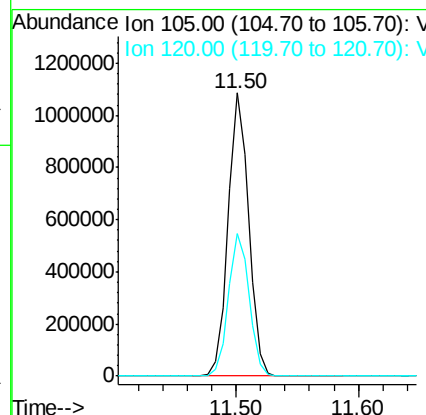
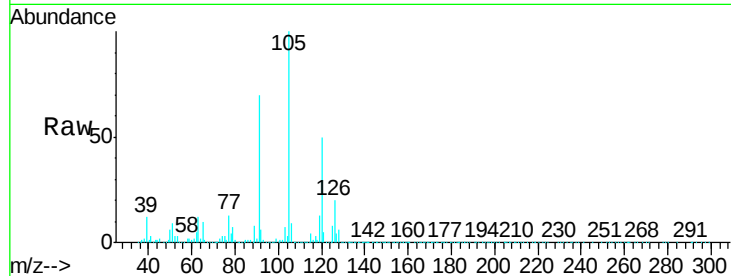




#80
 1,3,5-Trimethylbenzene
 Concen: 51.520 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013516.D
 Acq: 21 Nov 2019 20:16

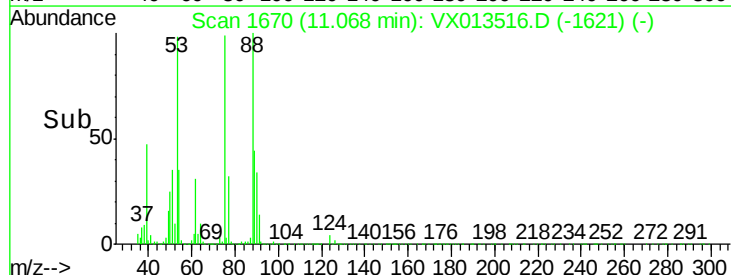
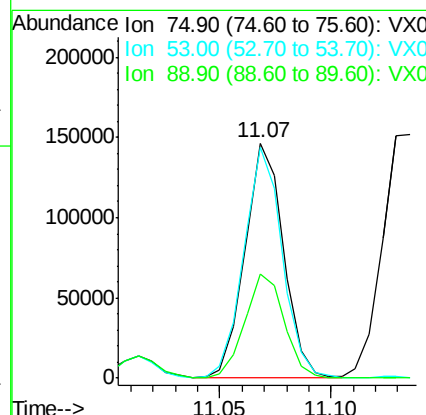
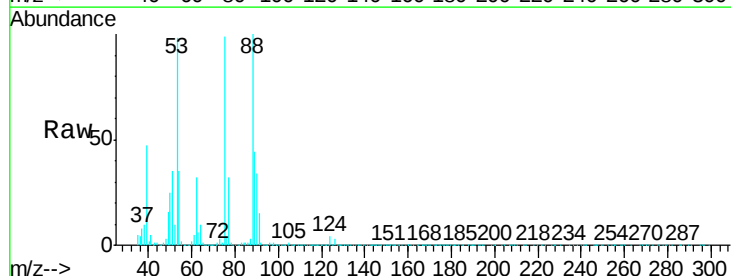
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20191120MS

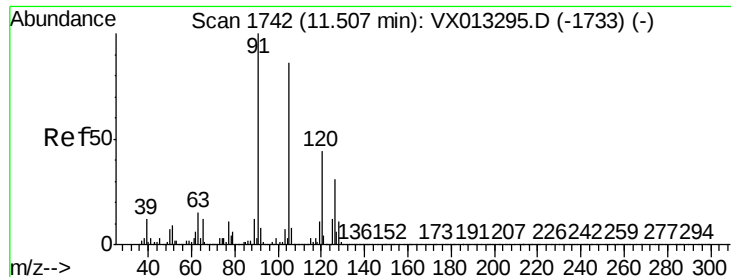
Tgt Ion: 105 Resp: 1257939
 Ion Ratio Lower Upper
 105 100
 120 51.0 24.9 74.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.718 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX013516.D
 Acq: 21 Nov 2019 20:16

Tgt Ion: 75 Resp: 176945
 Ion Ratio Lower Upper
 75 100
 53 97.6 81.0 121.6
 89 45.7 36.0 54.0

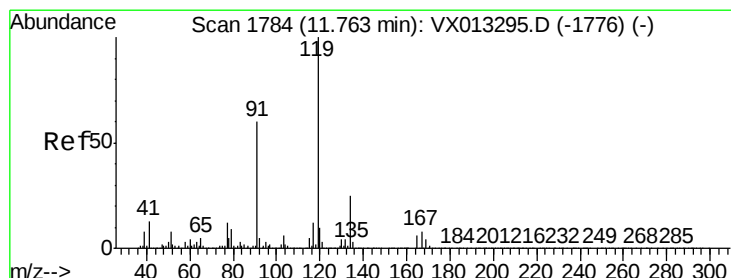
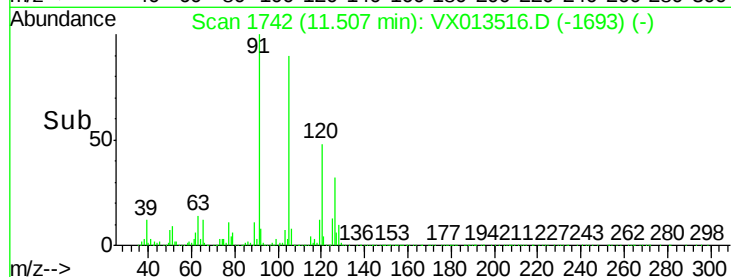
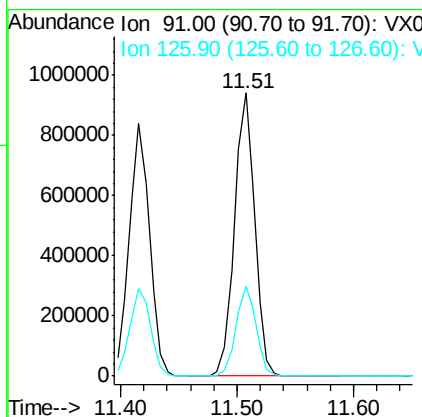
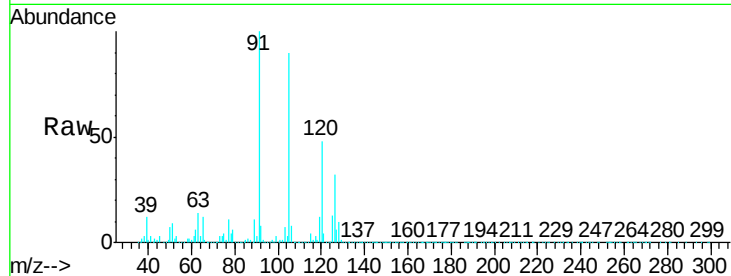




#82
4-Chlorotoluene
Concen: 49.671 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

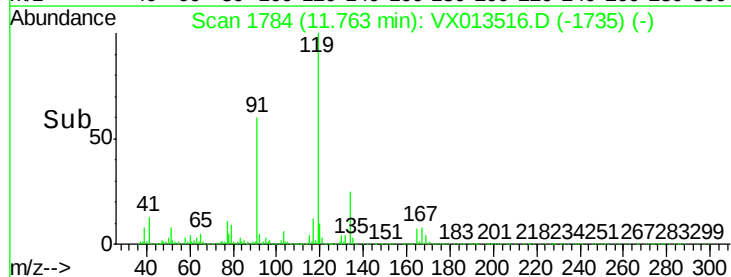
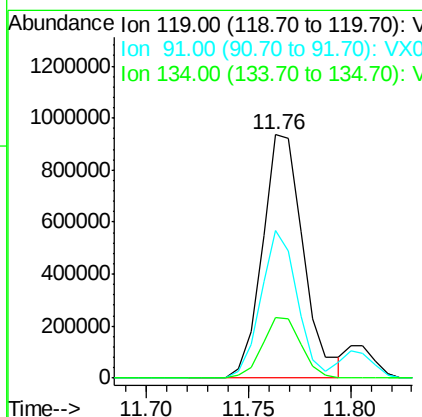
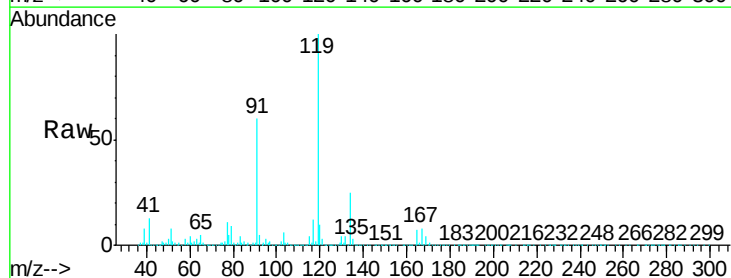
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MS

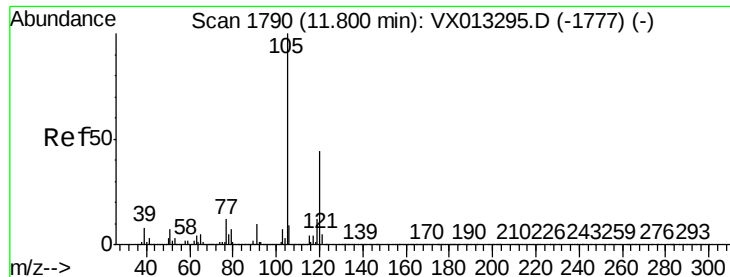
Tgt Ion: 91 Resp: 1143912
Ion Ratio Lower Upper
91 100
126 31.3 15.3 45.8



#83
tert-Butylbenzene
Concen: 53.165 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013516.D
Acq: 21 Nov 2019 20:16

Tgt Ion: 119 Resp: 1306711
Ion Ratio Lower Upper
119 100
91 53.9 26.9 80.7
134 23.8 11.7 35.1

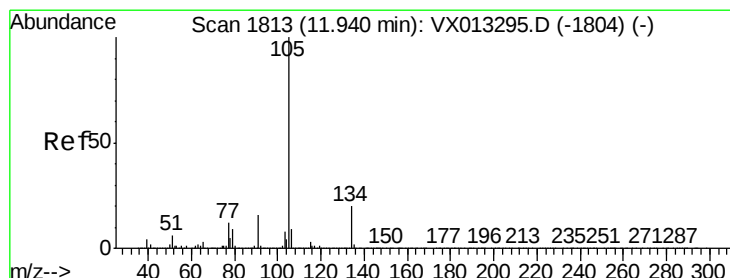
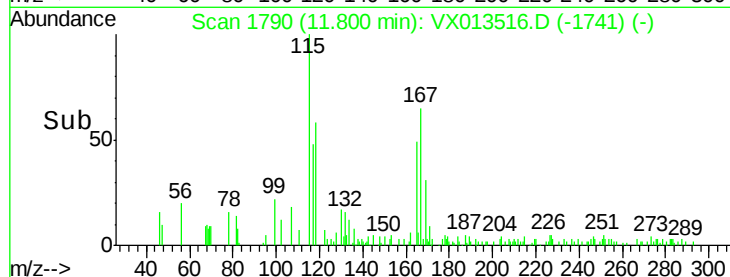
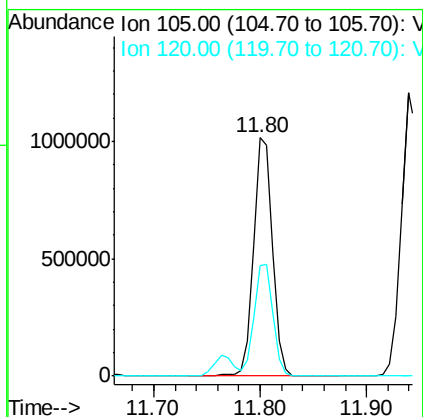
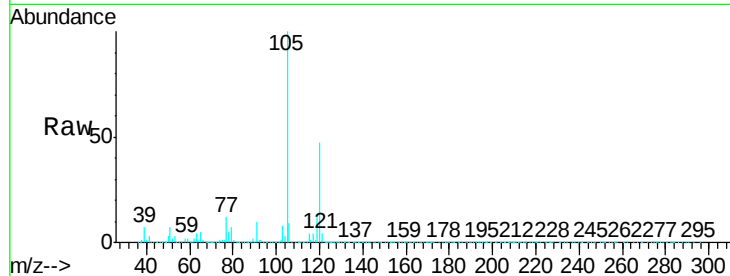




#84
 1,2,4-Trimethylbenzene
 Concen: 51.565 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX013516.D
 Acq: 21 Nov 2019 20:16

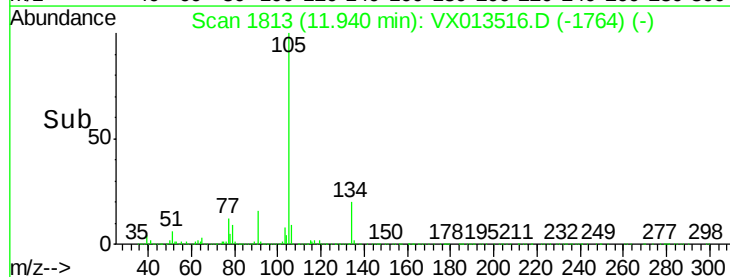
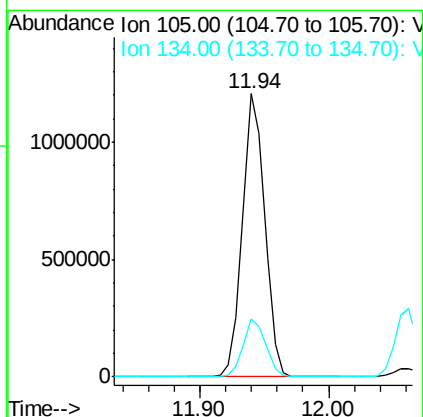
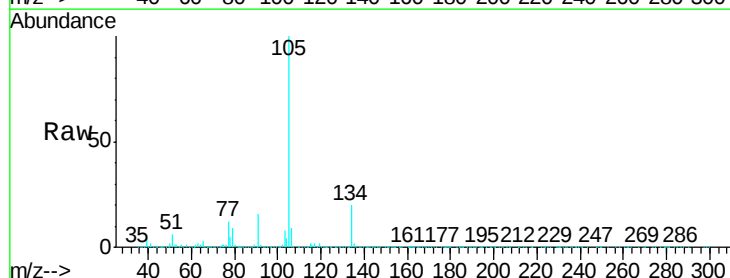
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20191120MS

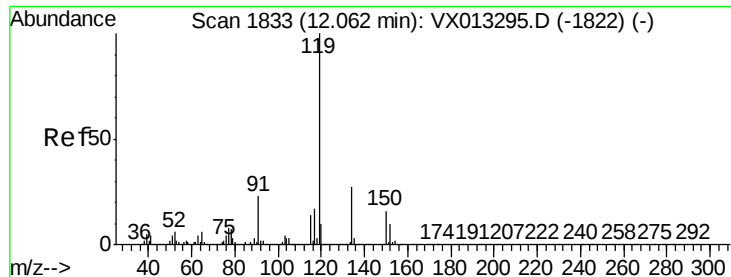
Tgt Ion:105 Resp: 1262976
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.7 68.1



#85
 sec-Butylbenzene
 Concen: 51.221 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013516.D
 Acq: 21 Nov 2019 20:16

Tgt Ion:105 Resp: 1446894
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.9





#86

p-Isopropyltoluene

Concen: 51.099 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MS

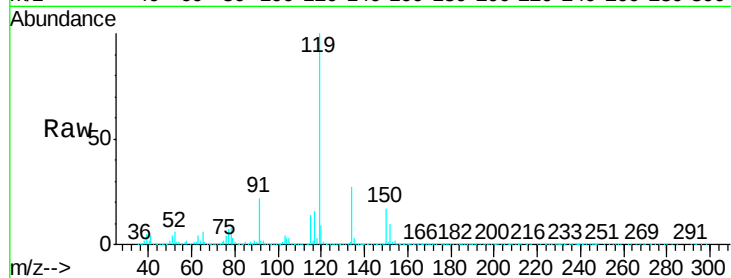
Tgt Ion:119 Resp: 1329147

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

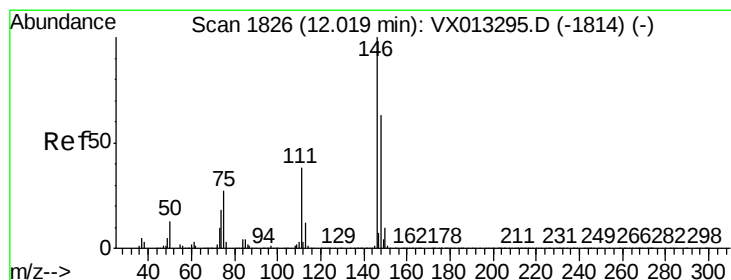
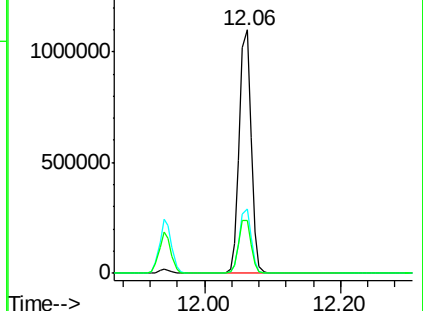
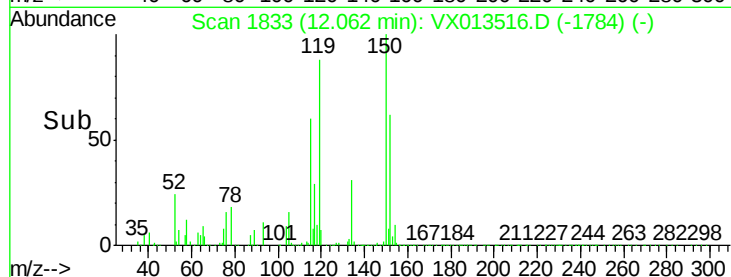
91 22.6 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 49.177 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

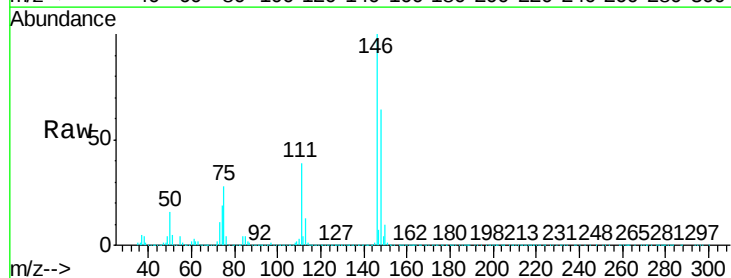
Tgt Ion:146 Resp: 685013

Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.5

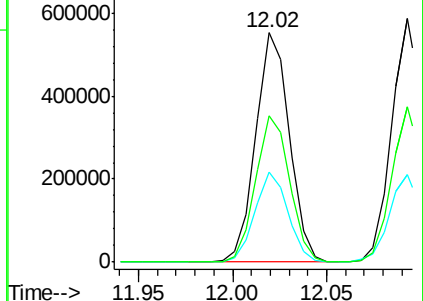
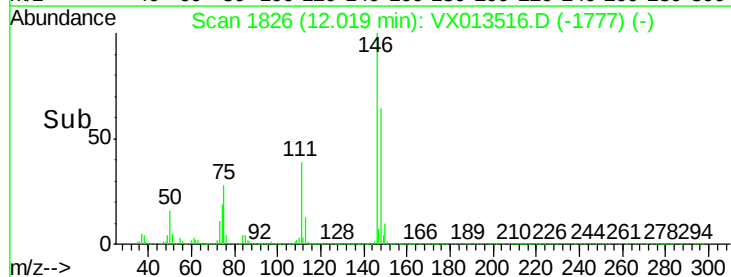
148 64.6 31.9 95.7

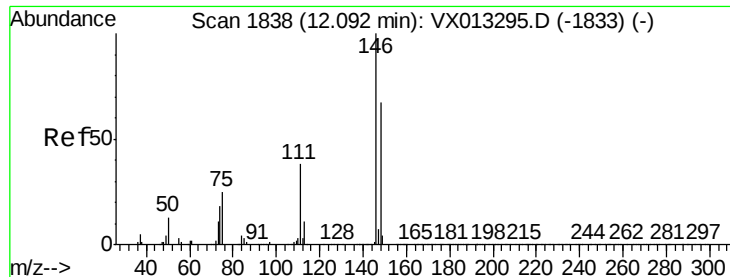


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

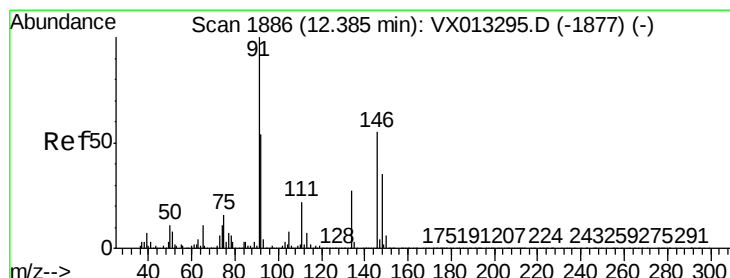
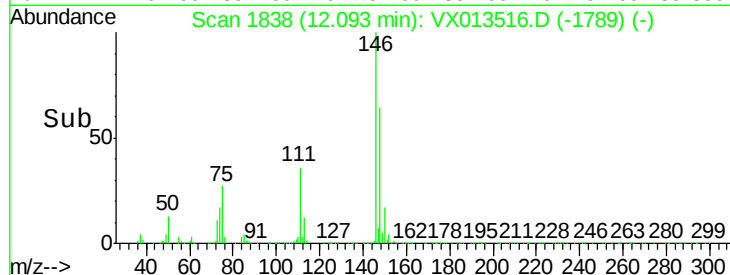
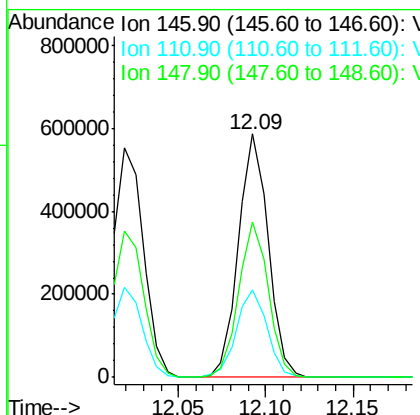
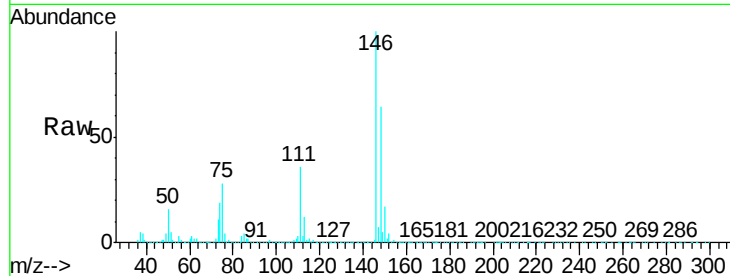




#88
 1,4-Dichlorobenzene
 Concen: 48.927 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013516.D
 Acq: 21 Nov 2019 20:16

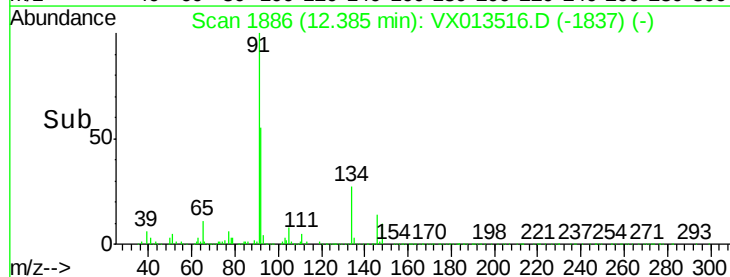
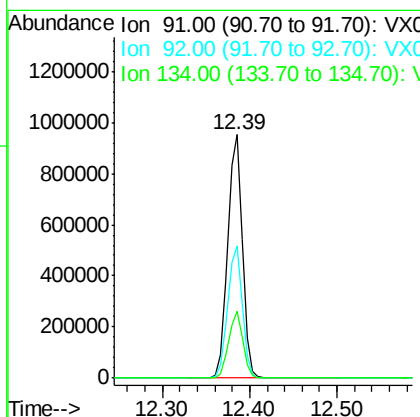
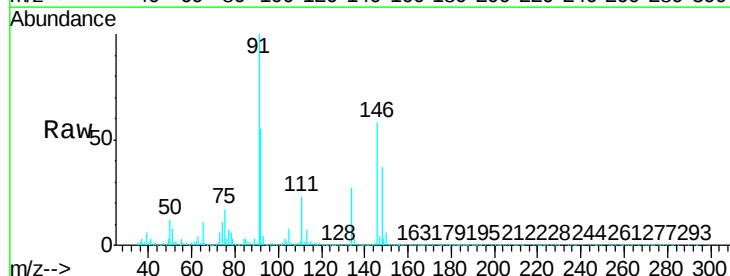
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20191120MS

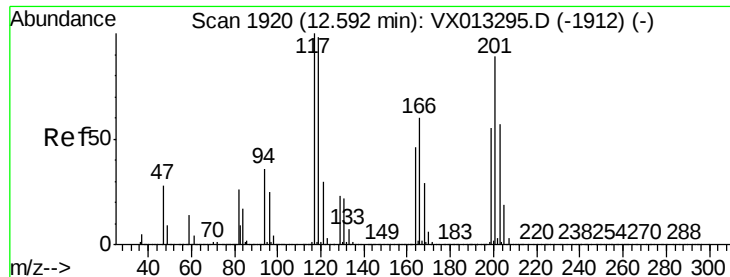
Tgt Ion: 146 Resp: 694372
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.8 56.4
 148 63.8 32.4 97.0



#89
 n-Butylbenzene
 Concen: 48.286 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013516.D
 Acq: 21 Nov 2019 20:16

Tgt Ion: 91 Resp: 1095932
 Ion Ratio Lower Upper
 91 100
 92 54.5 27.3 81.8
 134 26.9 13.5 40.5





#90

Hexachloroethane

Concen: 52.626 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

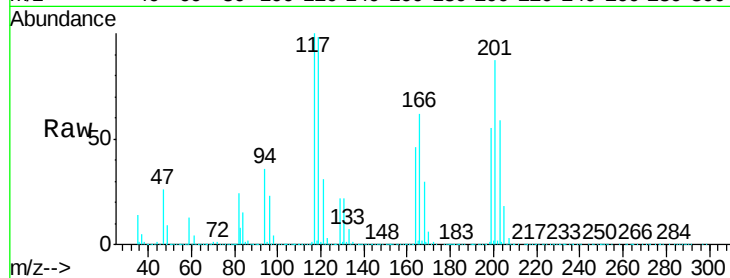
15BR-20191120MS

Tgt Ion:117 Resp: 243892

Ion Ratio Lower Upper

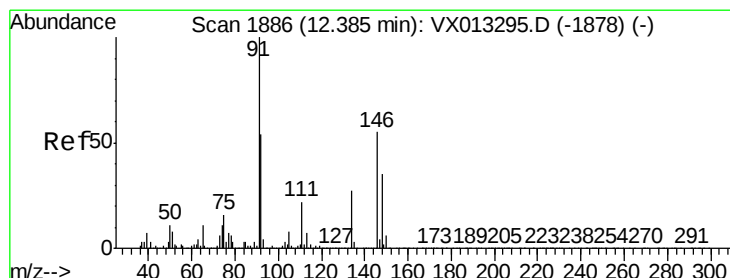
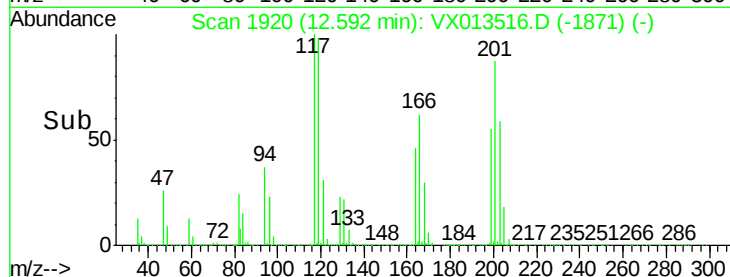
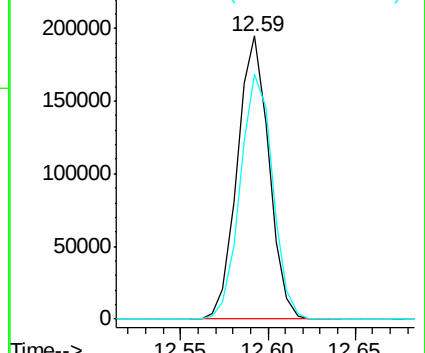
117 100

201 89.3 43.9 131.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 50.598 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

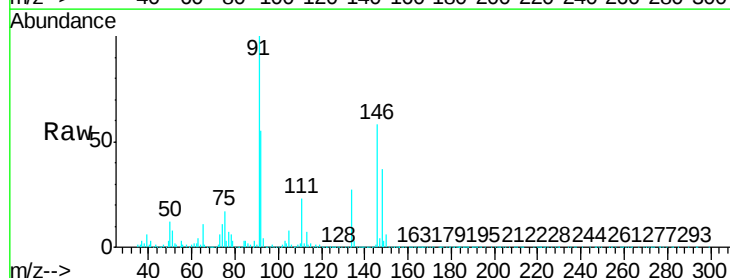
Tgt Ion:146 Resp: 704522

Ion Ratio Lower Upper

146 100

111 39.8 20.1 60.2

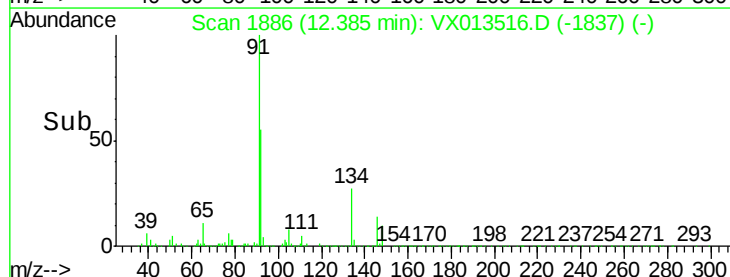
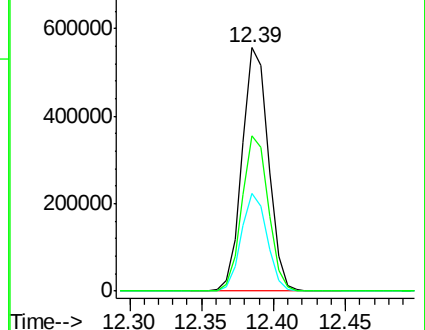
148 64.1 32.0 96.0

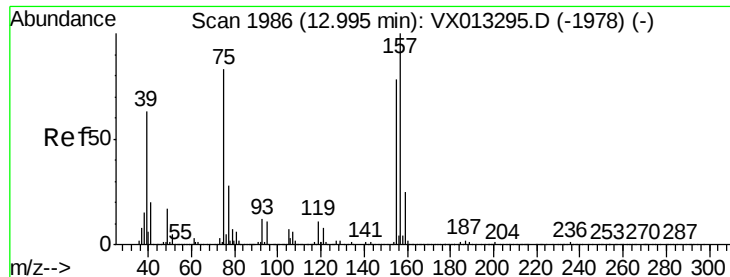


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

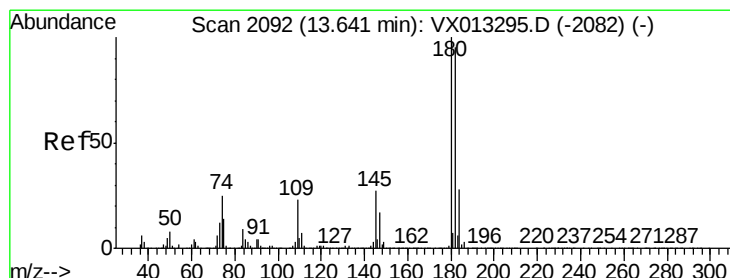
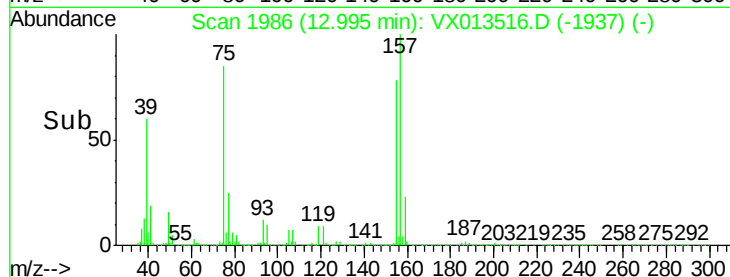
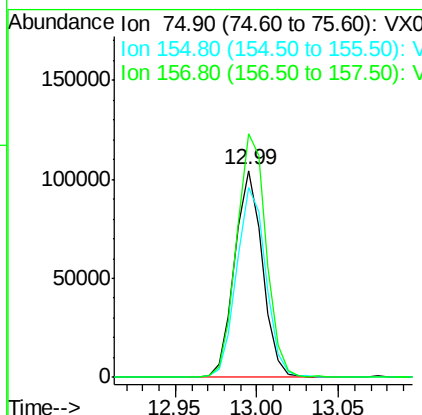
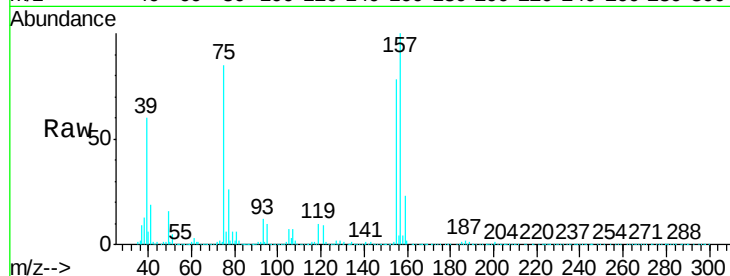




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.273 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013516.D
 Acq: 21 Nov 2019 20:16

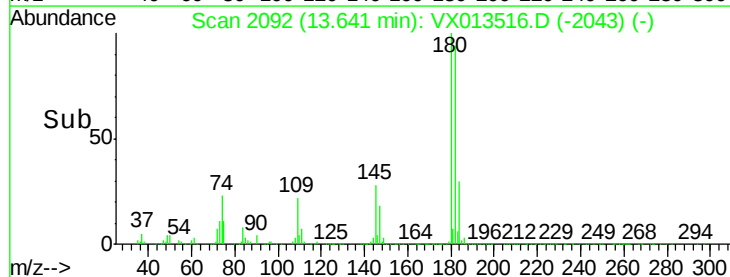
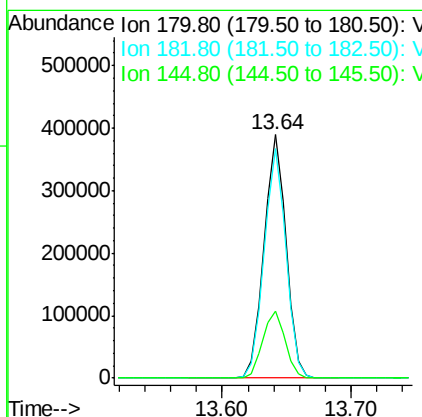
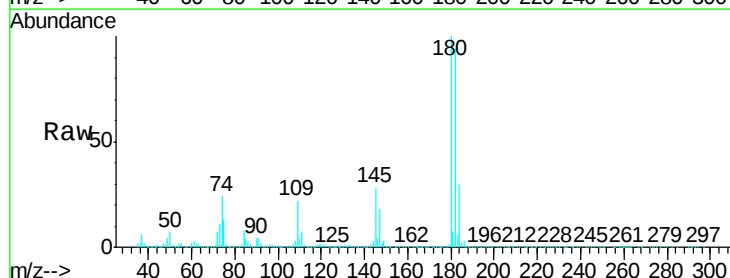
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20191120MS

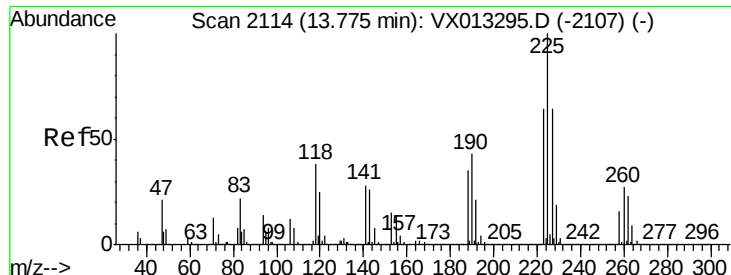
Tgt Ion: 75 Resp: 123164
 Ion Ratio Lower Upper
 75 100
 155 96.9 47.1 141.4
 157 126.1 61.3 183.8



#93
 1,2,4-Trichlorobenzene
 Concen: 47.351 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013516.D
 Acq: 21 Nov 2019 20:16

Tgt Ion: 180 Resp: 459896
 Ion Ratio Lower Upper
 180 100
 182 93.5 48.4 145.0
 145 28.2 14.1 42.4





#94

Hexachlorobutadiene

Concen: 44.046 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MS

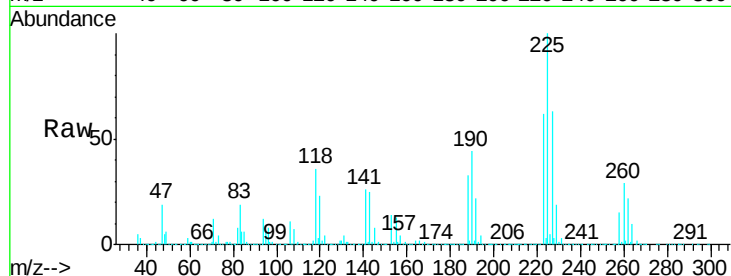
Tgt Ion:225 Resp: 209292

Ion Ratio Lower Upper

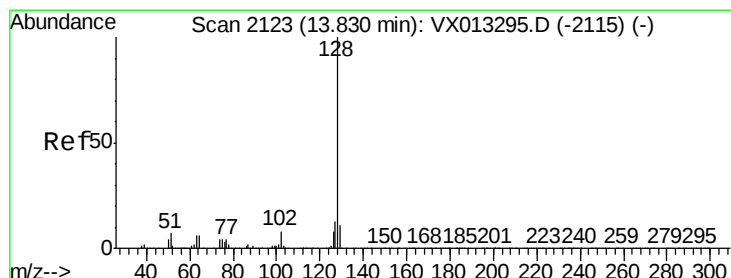
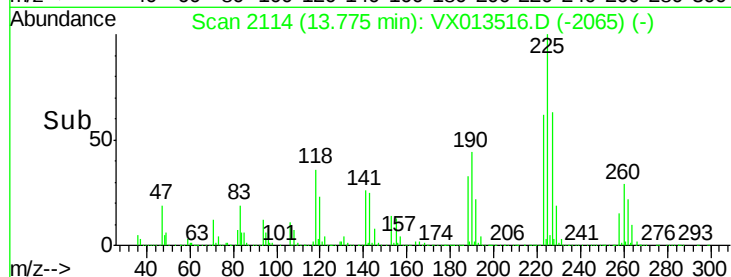
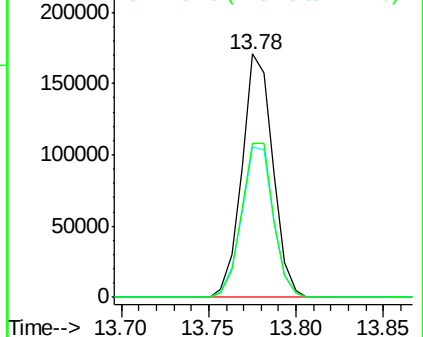
225 100

223 63.7 31.9 95.7

227 65.2 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 49.364 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013516.D

Acq: 21 Nov 2019 20:16

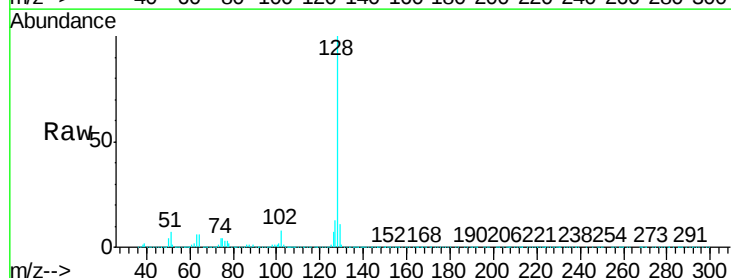
Tgt Ion:128 Resp: 1504264

Ion Ratio Lower Upper

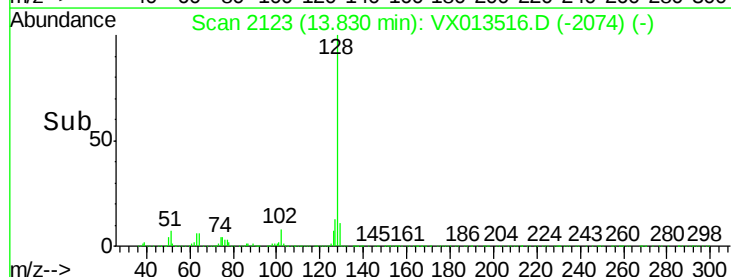
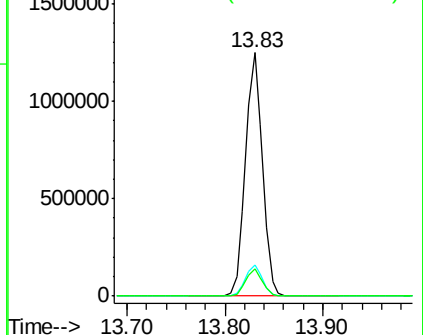
128 100

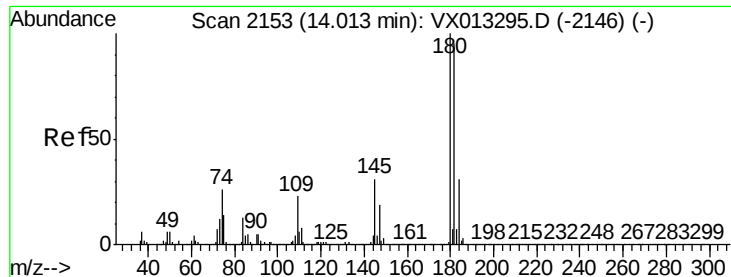
127 12.7 10.2 15.2

129 10.9 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 48.879 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX013516.D
 Acq: 21 Nov 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20191120MS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.0	144.2
145	29.9	15.4	46.4

