

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX112119\
 Data File : VX013517.D
 Acq On : 21 Nov 2019 20:40
 Operator : JC/SP
 Sample : K5962-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20191120MSD

Quant Time: Nov 22 01:13:12 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	640743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	988241	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	900414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	442941	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	363052	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
35) Dibromofluoromethane	5.49	113	303641	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	8.71	98	1126961	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	11.14	95	405377	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	418984	56.752	ug/l	99
3) Chloromethane	1.31	50	349013	43.594	ug/l	100
4) Vinyl Chloride	1.40	62	1906998	209.226	ug/l	100
5) Bromomethane	1.62	94	279890	44.066	ug/l	98
6) Chloroethane	1.70	64	232607	44.514	ug/l	100
7) Trichlorofluoromethane	1.92	101	468405	43.498	ug/l	97
8) Diethyl Ether	2.18	74	225049	47.261	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	363712	60.600	ug/l	98
10) Methyl Iodide	2.50	142	313695	42.215	ug/l	97
11) Tert butyl alcohol	3.04	59	468417	234.122	ug/l	100
12) 1,1-Dichloroethene	2.36	96	420385	71.525	ug/l	99
13) Acrolein	2.28	56	223282	205.914	ug/l	98
14) Allyl chloride	2.72	41	522383	48.917	ug/l	95
15) Acrylonitrile	3.13	53	985722	263.753	ug/l	99
16) Acetone	2.44	43	851501	224.893	ug/l	96
17) Carbon Disulfide	2.56	76	682917	43.412	ug/l	100
18) Methyl Acetate	2.76	43	546859	52.316	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1042011	53.155	ug/l	98
20) Methylene Chloride	2.84	84	337406	48.231	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	478300	74.741	ug/l	99
22) Diisopropyl ether	3.84	45	1089534	52.846	ug/l	98
23) Vinyl Acetate	3.80	43	4268395	241.945	ug/l	100
24) 1,1-Dichloroethane	3.69	63	592955	51.412	ug/l	99
25) 2-Butanone	4.66	43	1360357	244.912	ug/l	98
26) 2,2-Dichloropropane	4.58	77	412073	44.912	ug/l #	1
27) cis-1,2-Dichloroethene	4.59	96	21202129	2957.593	ug/l	85
28) Bromochloromethane	5.01	49	148311	45.290	ug/l	98
29) Tetrahydrofuran	5.11	42	898865	262.604	ug/l	100
30) Chloroform	5.20	83	577613	50.719	ug/l	98
31) Cyclohexane	5.57	56	484245	46.661	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	489953	49.991	ug/l	99
36) 1,1-Dichloropropene	5.79	75	418800	49.399	ug/l	99
37) Ethyl Acetate	4.83	43	491259	46.895	ug/l #	81
38) Carbon Tetrachloride	5.78	117	411612	49.650	ug/l	99

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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	484169	45.834	ug/l	99
40) Benzene	6.14	78	1320173	49.991	ug/l	100
41) Methacrylonitrile	5.03	41	296994	50.581	ug/l	98
42) 1,2-Dichloroethane	6.18	62	474563	49.819	ug/l	99
43) Isopropyl Acetate	6.43	43	835356	51.209	ug/l	99
44) Trichloroethene	7.21	130	21690846	2983.898	ug/l	92
45) 1,2-Dichloropropane	7.51	63	342587	50.914	ug/l	100
46) Dibromomethane	7.65	93	227100	49.432	ug/l	98
47) Bromodichloromethane	7.89	83	458712	52.949	ug/l	97
48) Methyl methacrylate	7.76	41	425263	52.225	ug/l	97
49) 1,4-Dioxane	7.73	88	170136	912.344	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2763827	258.240	ug/l	99
52) Toluene	8.78	92	826152	50.474	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	508738	53.703	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	549426	51.848	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	355360	52.380	ug/l	100
56) Ethyl methacrylate	9.17	69	575148	49.669	ug/l	97
57) 1,3-Dichloropropane	9.37	76	597741	51.903	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.34	63	946	0.204	ug/l	95
59) 2-Hexanone	9.49	43	2129725	257.503	ug/l	98
60) Dibromochloromethane	9.58	129	377845	54.457	ug/l	97
61) 1,2-Dibromoethane	9.67	107	365577	50.746	ug/l	98
64) Tetrachloroethene	9.33	164	305187	47.347	ug/l	96
65) Chlorobenzene	10.14	112	909056	49.868	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	347928	51.981	ug/l	99
67) Ethyl Benzene	10.25	91	1579896	50.216	ug/l	99
68) m/p-Xylenes	10.36	106	1198607	100.735	ug/l	99
69) o-Xylene	10.70	106	588127	50.487	ug/l	99
70) Styrene	10.71	104	1011338	51.936	ug/l	99
71) Bromoform	10.85	173	295629	47.787	ug/l #	99
73) Isopropylbenzene	11.01	105	1561551	53.173	ug/l	100
74) N-amyl acetate	10.89	43	713375	52.383	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	580448	54.178	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	646228	71.829	ug/l	79
77) Bromobenzene	11.25	156	415851	53.117	ug/l	98
78) n-propylbenzene	11.35	91	1732090	52.947	ug/l	99
79) 2-Chlorotoluene	11.42	91	1043887	52.962	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1298534	53.084	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	183166	52.404	ug/l	96
82) 4-Chlorotoluene	11.51	91	1199172	51.974	ug/l	99
83) tert-Butylbenzene	11.77	119	1343666	54.567	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1290023	52.571	ug/l	98
85) sec-Butylbenzene	11.94	105	1499850	52.997	ug/l	99
86) p-Isopropyltoluene	12.06	119	1377621	52.864	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	718364	51.476	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	710899	49.998	ug/l	100
89) n-Butylbenzene	12.39	91	1151565	50.643	ug/l	100
90) Hexachloroethane	12.59	117	254054	54.717	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	734599	52.660	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	128662	49.292	ug/l	99

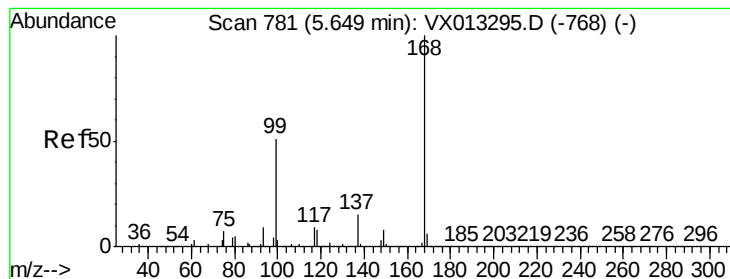
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	483581	49.697	ug/l	100
94) Hexachlorobutadiene	13.78	225	220453	46.308	ug/l	99
95) Naphthalene	13.83	128	1561628	51.151	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	489556	50.167	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

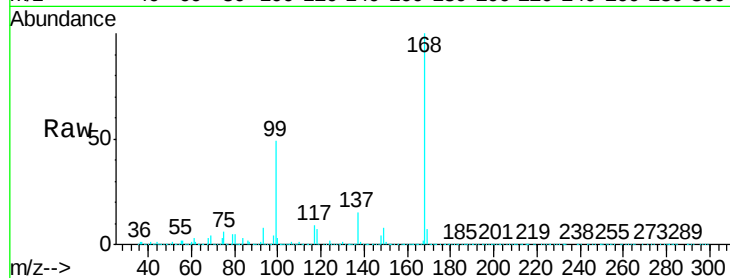
15BR-20191120MSD

Tgt Ion:168 Resp: 640743

Ion Ratio Lower Upper

168 100

99 48.3 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

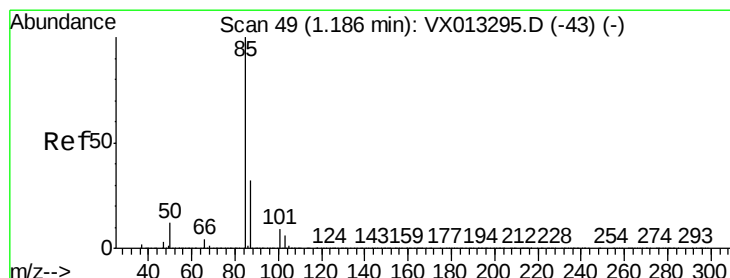
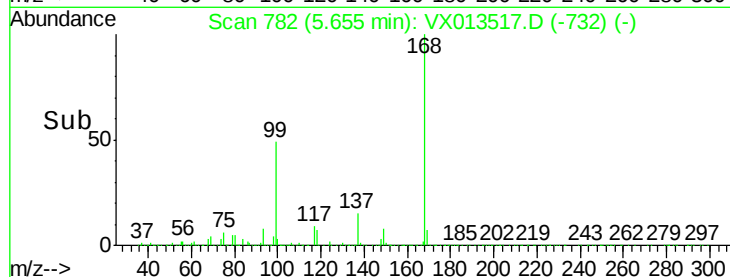
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 56.752 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013517.D

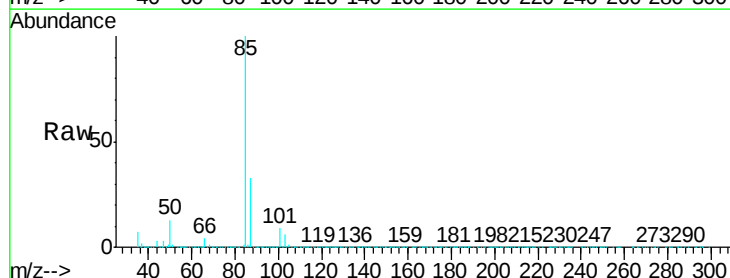
Acq: 21 Nov 2019 20:40

Tgt Ion: 85 Resp: 418984

Ion Ratio Lower Upper

85 100

87 32.5 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

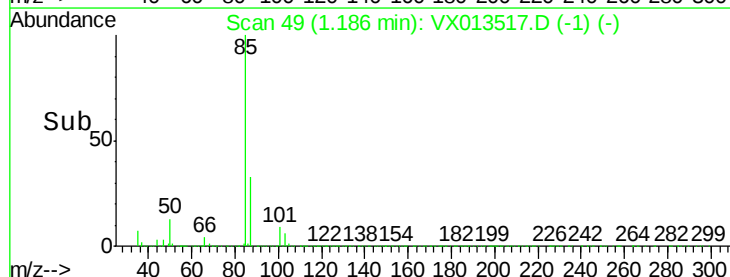
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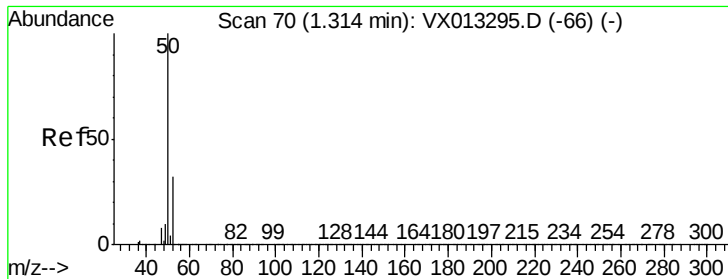
200000

100000

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Time-->





#3

Chloromethane

Concen: 43.594 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

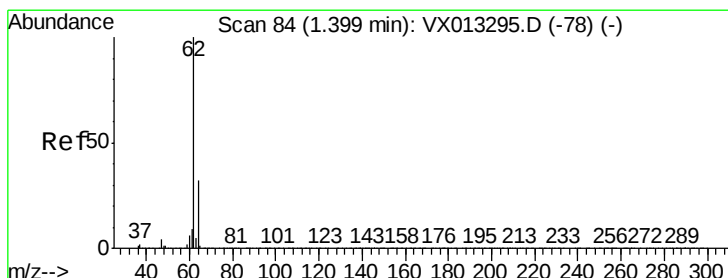
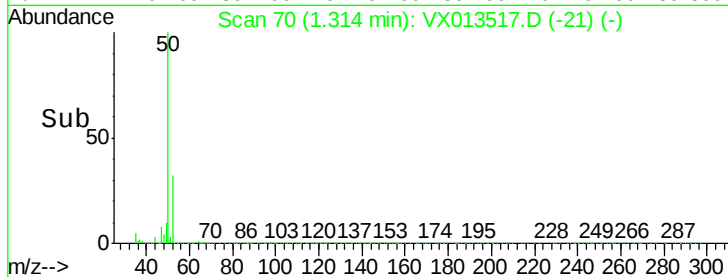
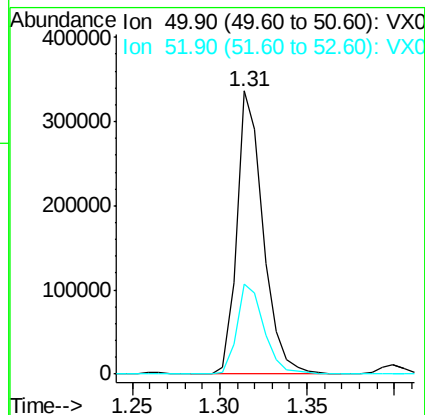
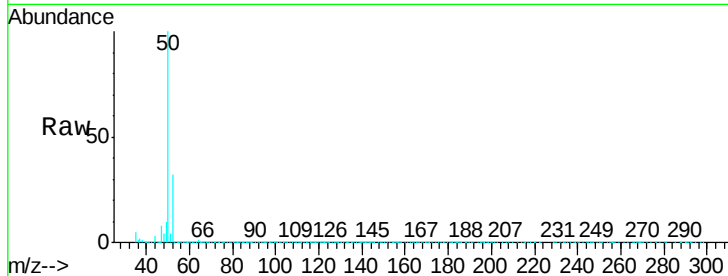
15BR-20191120MSD

Tgt Ion: 50 Resp: 349013

Ion Ratio Lower Upper

50 100

52 31.8 25.5 38.3



#4

Vinyl Chloride

Concen: 209.226 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013517.D

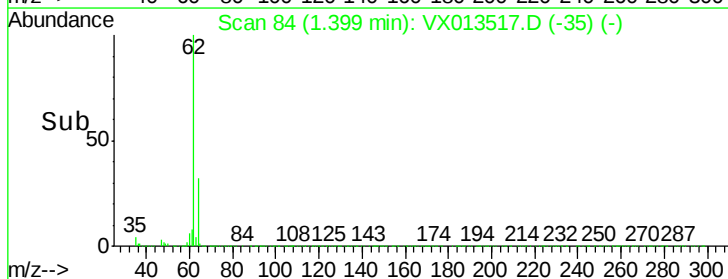
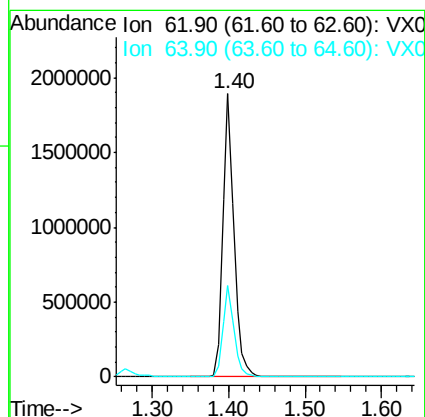
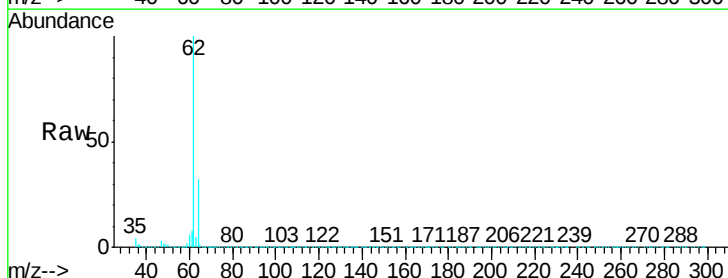
Acq: 21 Nov 2019 20:40

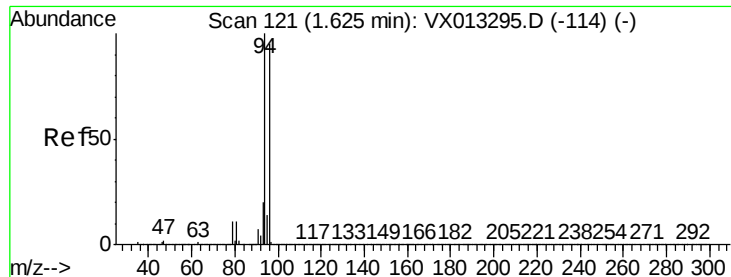
Tgt Ion: 62 Resp: 1906998

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4





#5

Bromomethane

Concen: 44.066 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

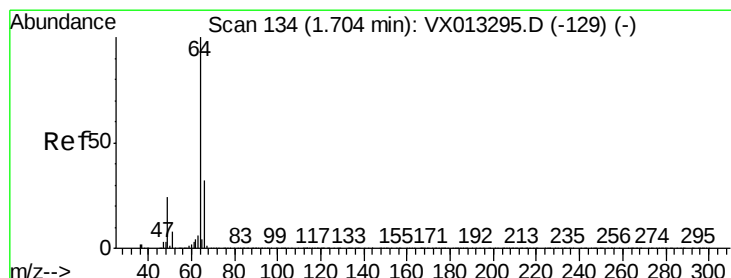
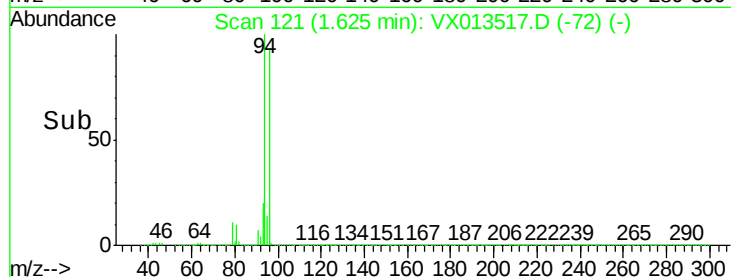
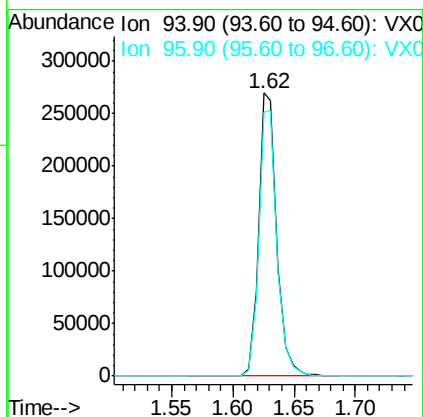
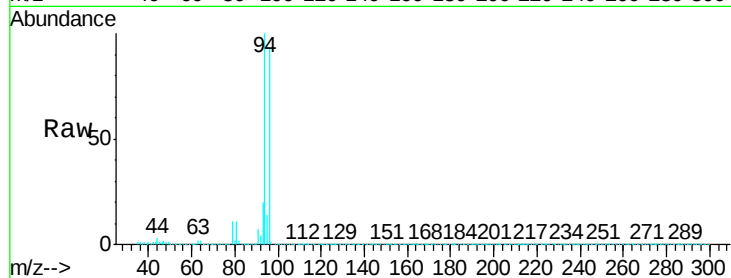
15BR-20191120MSD

Tgt Ion: 94 Resp: 279890

Ion Ratio Lower Upper

94 100

96 93.2 75.8 113.8



#6

Chloroethane

Concen: 44.514 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX013517.D

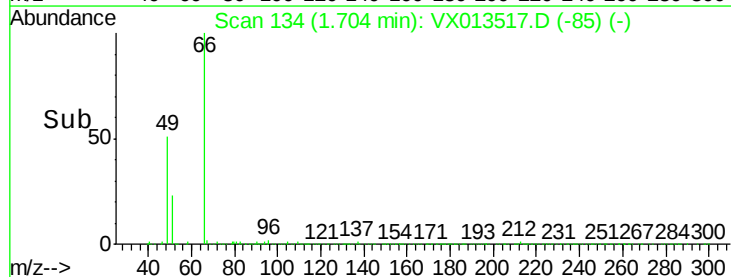
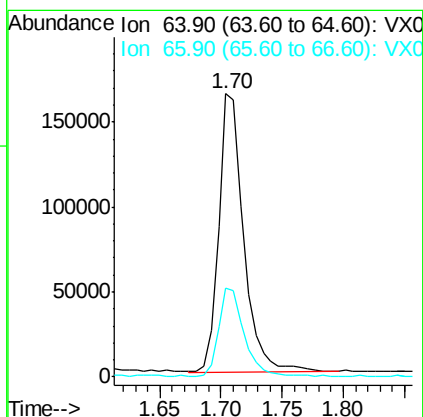
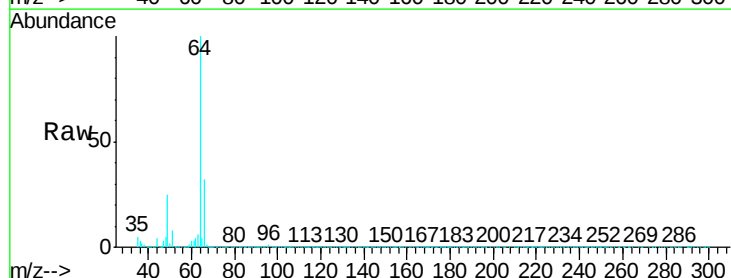
Acq: 21 Nov 2019 20:40

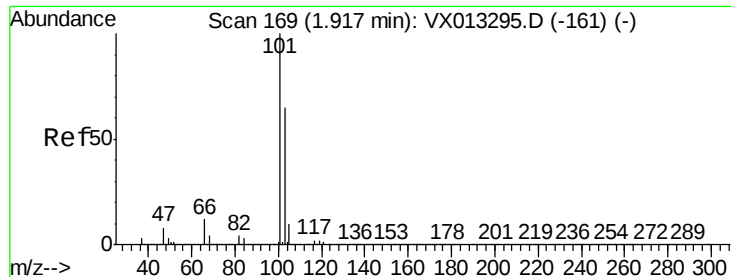
Tgt Ion: 64 Resp: 232607

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4



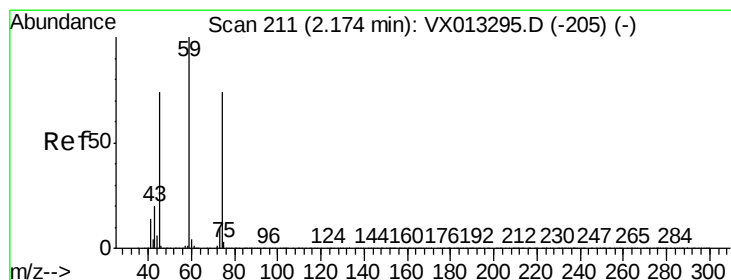
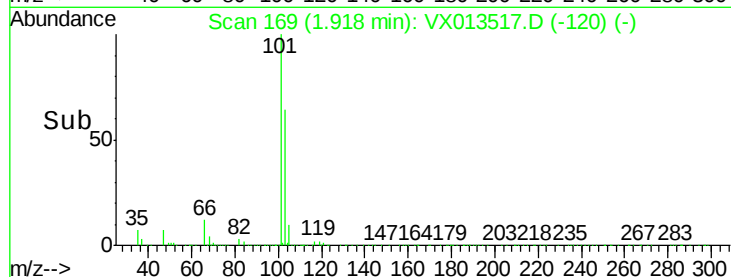
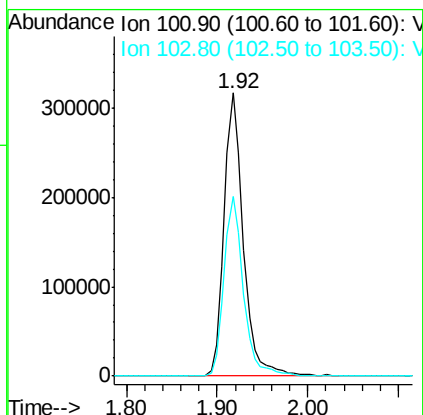
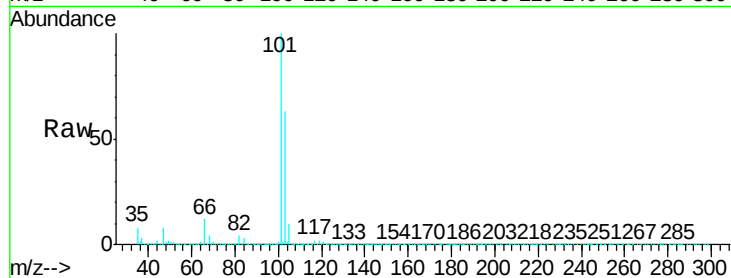


#7

Trichlorofluoromethane
Concen: 43.498 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013517.D
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MSVOA_X
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15BR-20191120MSD

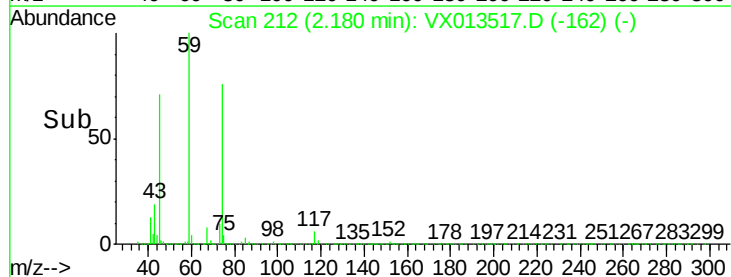
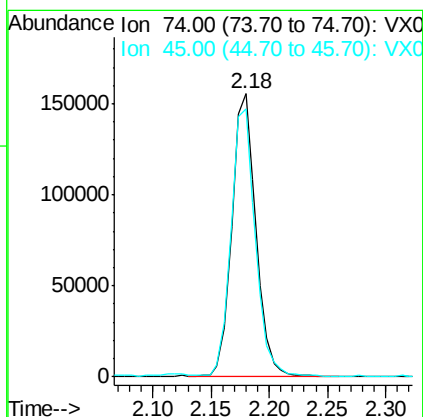
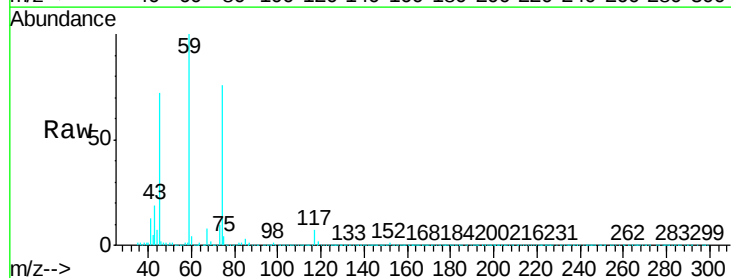
Tgt Ion:101 Resp: 468405
Ion Ratio Lower Upper
101 100
103 63.4 52.3 78.5

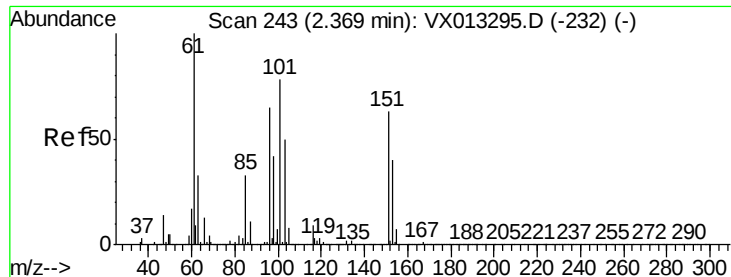


#8

Diethyl Ether
Concen: 47.261 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

Tgt Ion: 74 Resp: 225049
Ion Ratio Lower Upper
74 100
45 95.2 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 60.600 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MSD

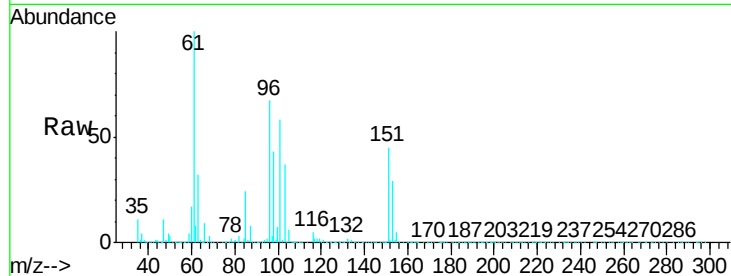
Tgt Ion:101 Resp: 363712

Ion Ratio Lower Upper

101 100

85 41.5 34.4 51.6

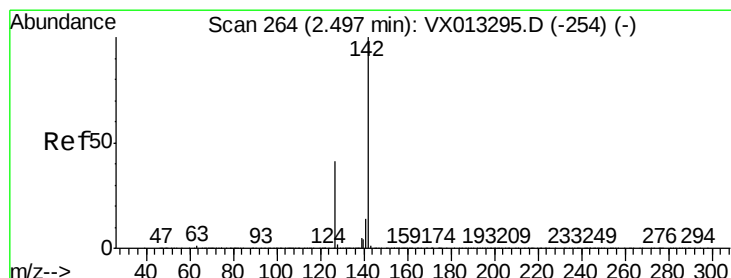
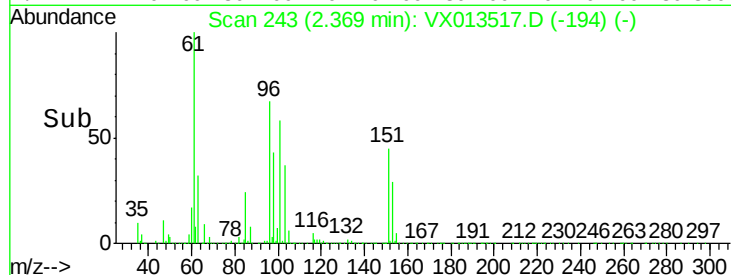
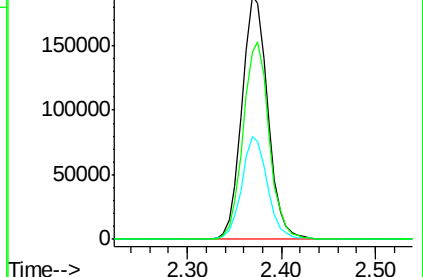
151 81.6 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.215 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

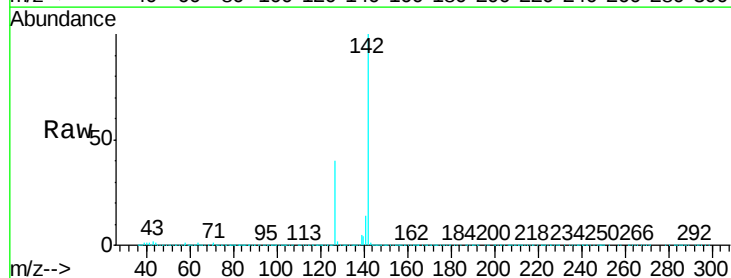
Tgt Ion:142 Resp: 313695

Ion Ratio Lower Upper

142 100

127 38.8 32.6 49.0

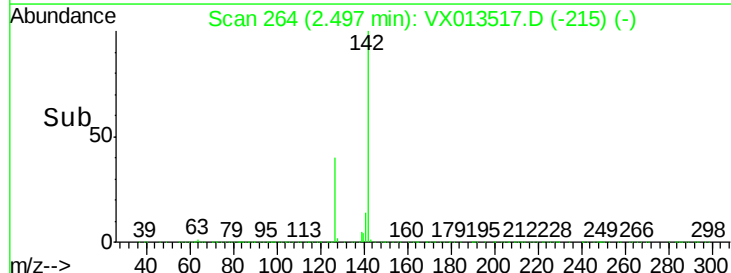
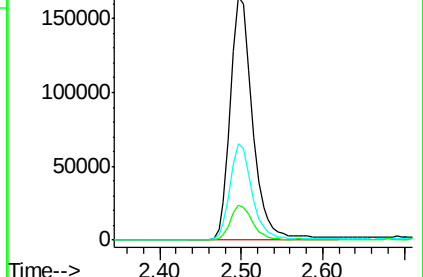
141 14.0 11.6 17.4

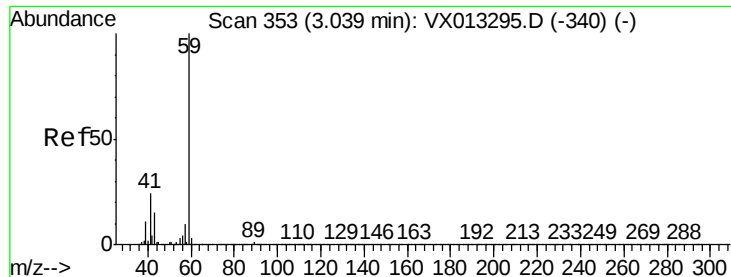


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

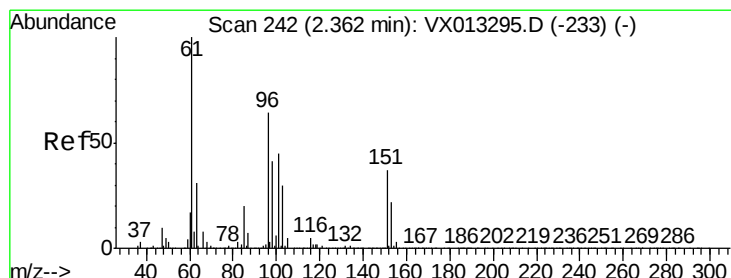
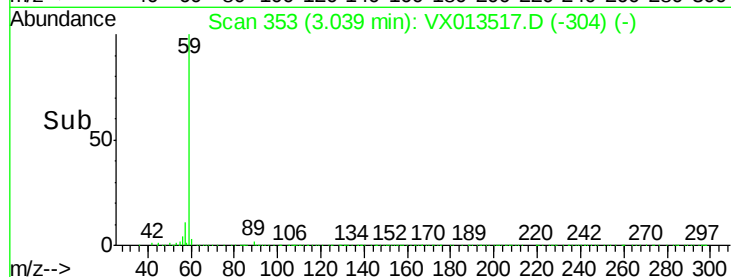
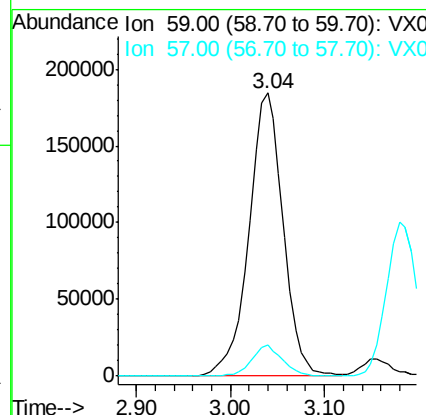
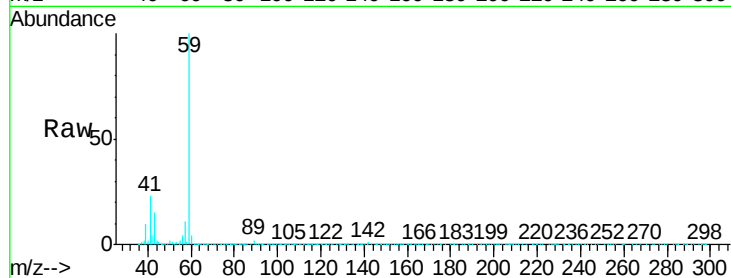




#11
Tert butyl alcohol
Concen: 234.122 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

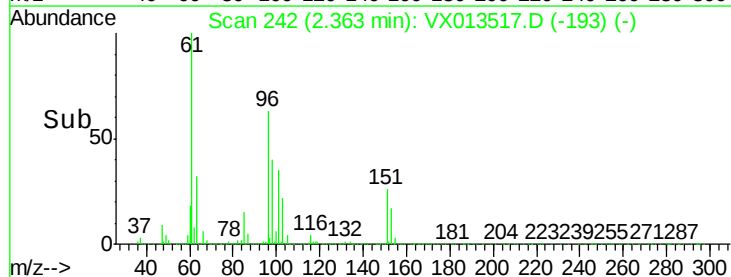
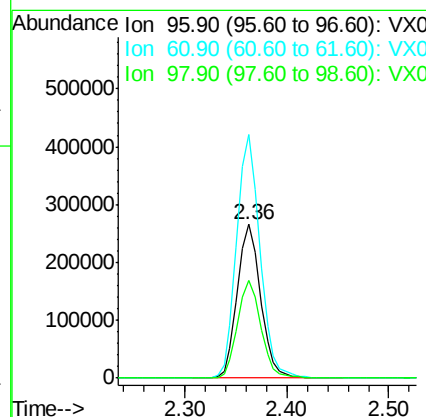
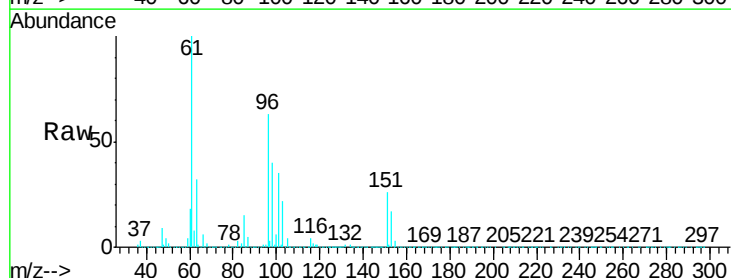
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MSD

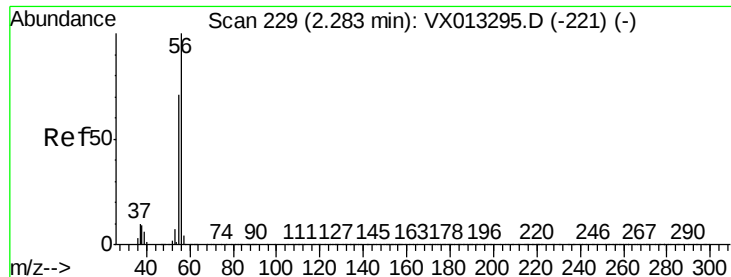
Tgt Ion: 59 Resp: 468417
Ion Ratio Lower Upper
59 100
57 10.1 8.0 12.0



#12
1,1-Dichloroethene
Concen: 71.525 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

Tgt Ion: 96 Resp: 420385
Ion Ratio Lower Upper
96 100
61 158.5 125.0 187.6
98 63.6 50.7 76.1





#13

Acrolein

Concen: 205.914 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

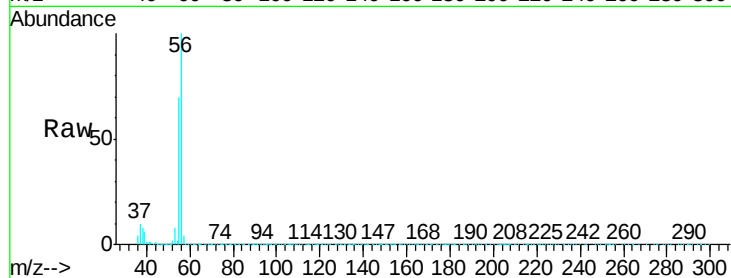
15BR-20191120MSD

Tgt Ion: 56 Resp: 223282

Ion Ratio Lower Upper

56 100

55 70.3 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

150000

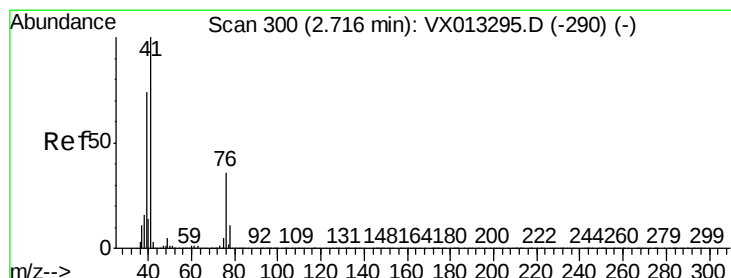
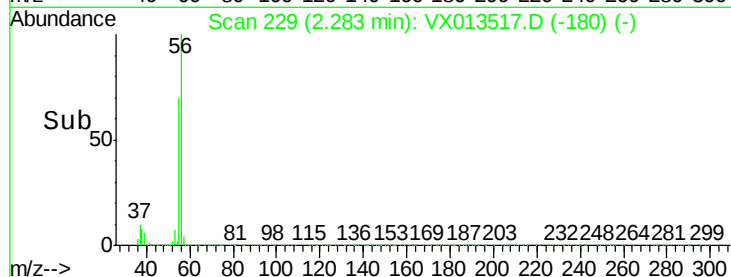
100000

50000

0

2.20 2.25 2.30 2.35 2.40

Time-->



#14

Allyl chloride

Concen: 48.917 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

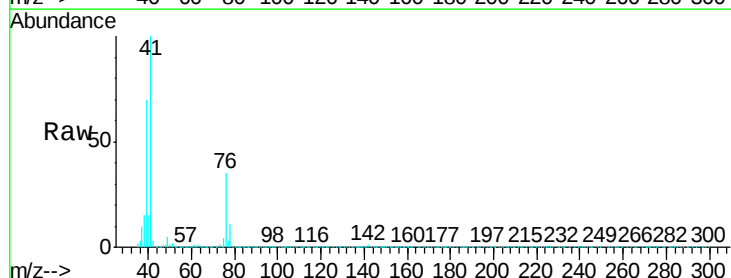
Tgt Ion: 41 Resp: 522383

Ion Ratio Lower Upper

41 100

39 64.4 55.8 83.8

76 31.9 26.4 39.6



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.72

300000

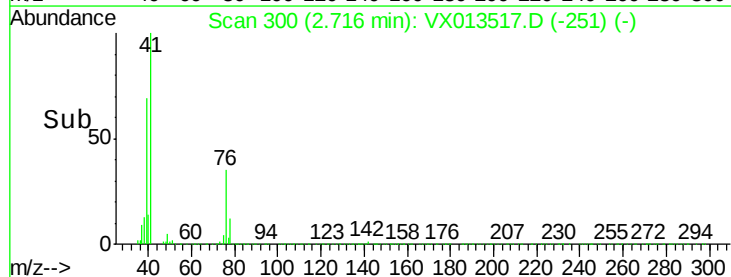
200000

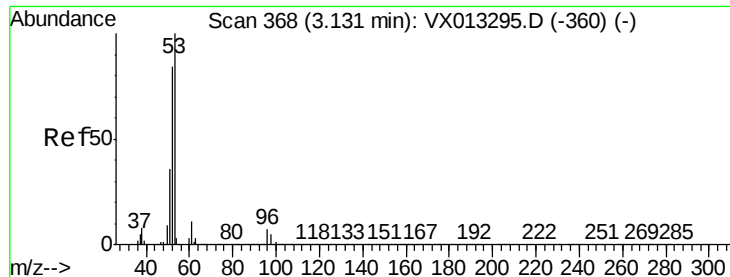
100000

0

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 263.753 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MSD

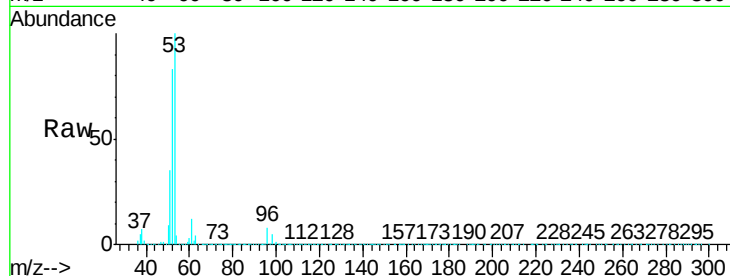
Tgt Ion: 53 Resp: 985722

Ion Ratio Lower Upper

53 100

52 83.8 67.4 101.0

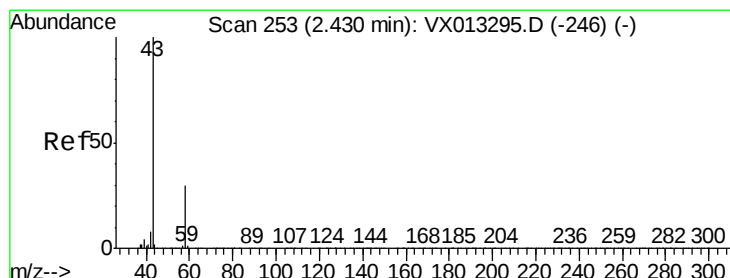
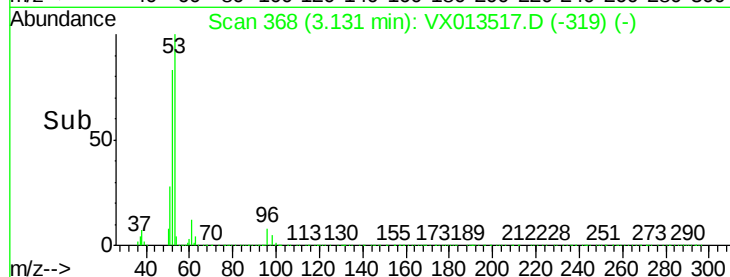
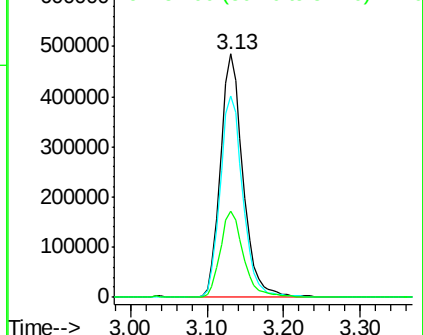
51 36.2 29.4 44.2



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: 224.893 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013517.D

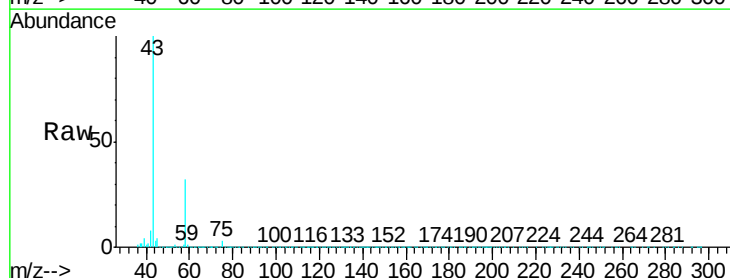
Acq: 21 Nov 2019 20:40

Tgt Ion: 43 Resp: 851501

Ion Ratio Lower Upper

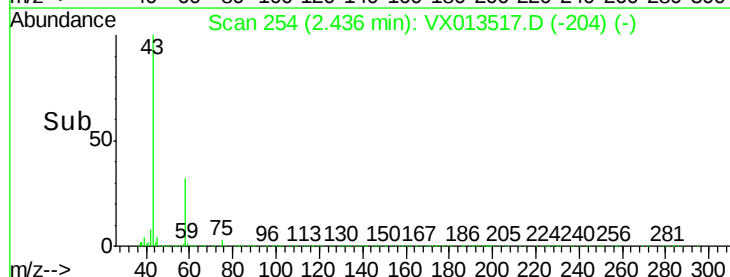
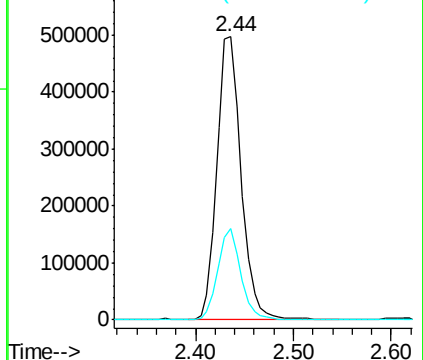
43 100

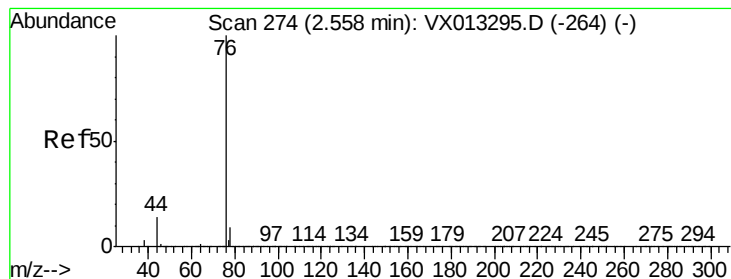
58 32.3 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.412 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

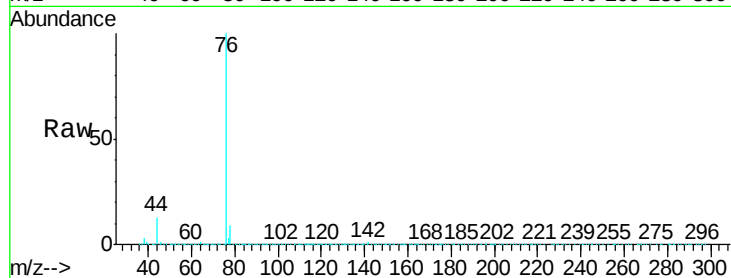
15BR-20191120MSD

Tgt Ion: 76 Resp: 682917

Ion Ratio Lower Upper

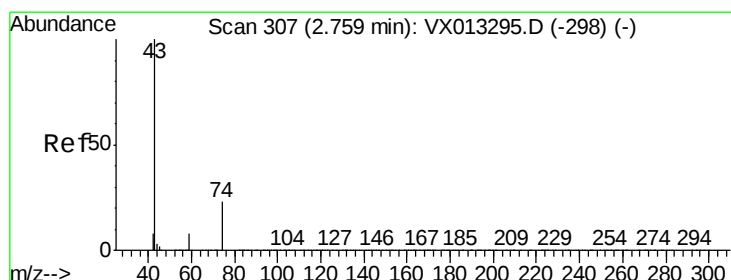
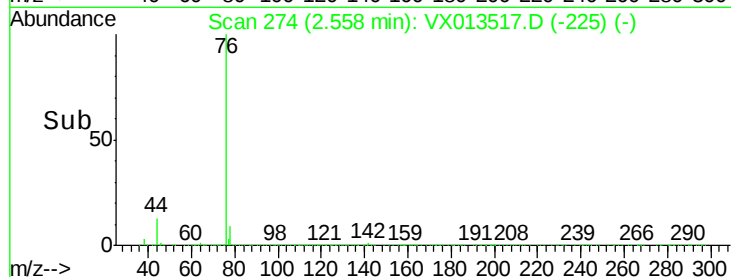
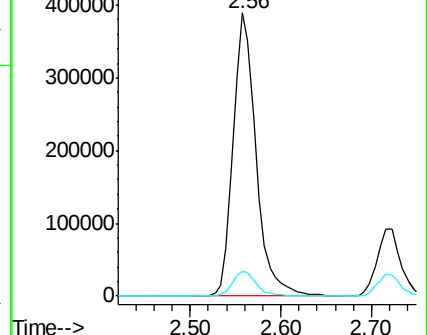
76 100

78 8.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.316 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013517.D

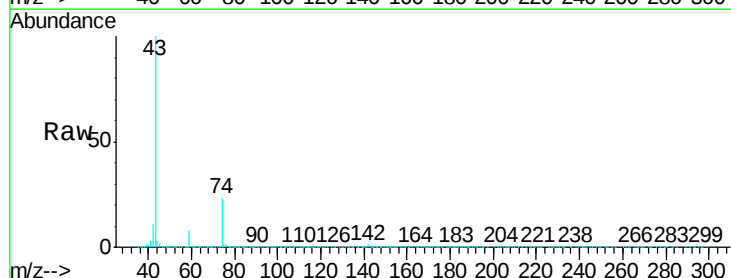
Acq: 21 Nov 2019 20:40

Tgt Ion: 43 Resp: 546859

Ion Ratio Lower Upper

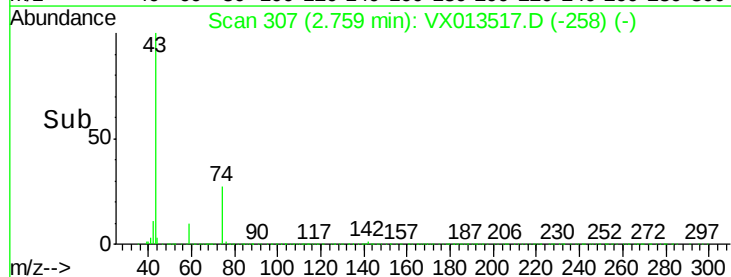
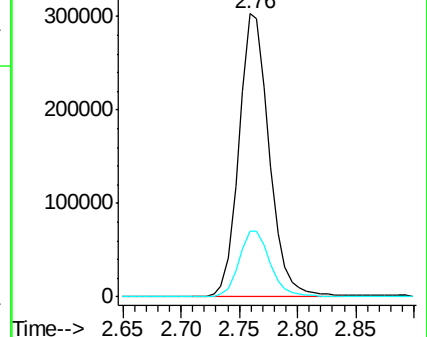
43 100

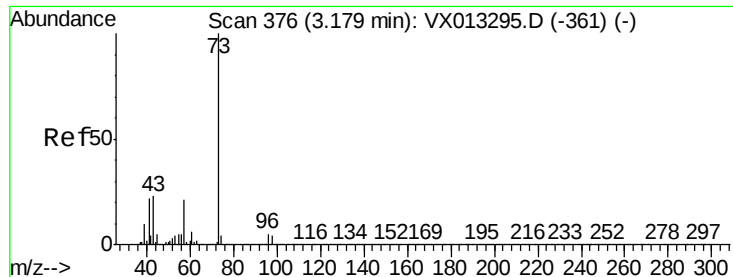
74 24.2 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

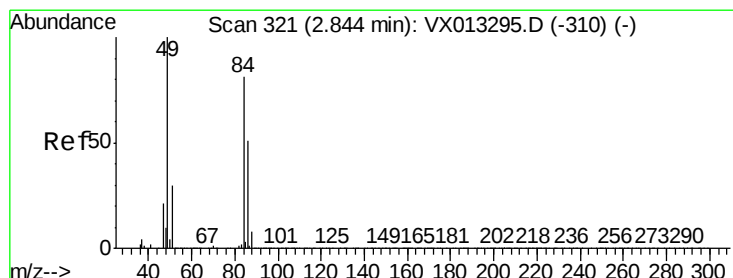
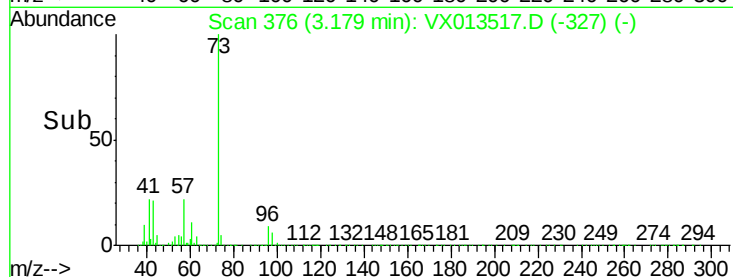
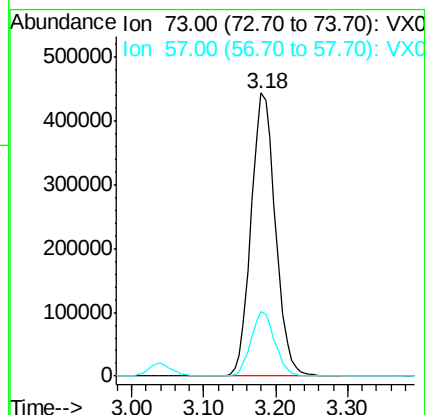
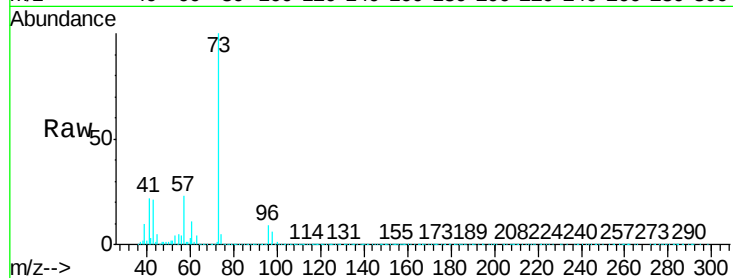




#19
Methyl tert-butyl Ether
Concen: 53.155 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

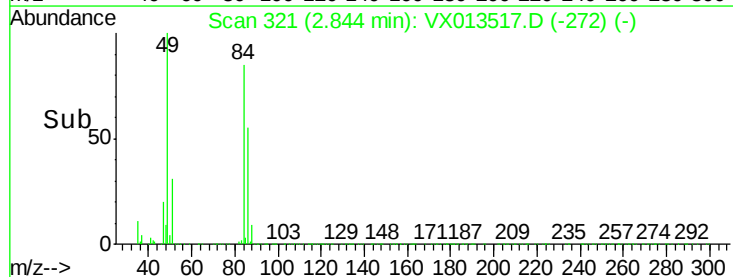
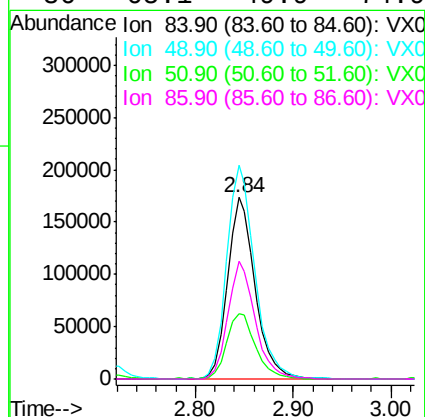
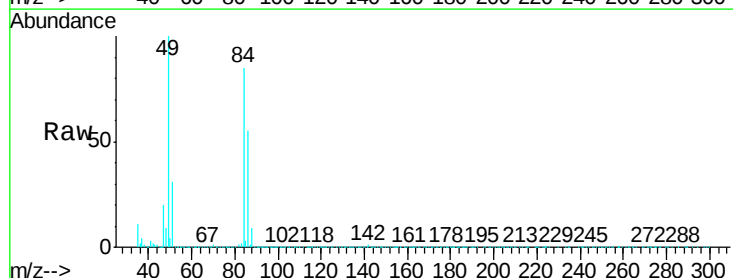
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MSD

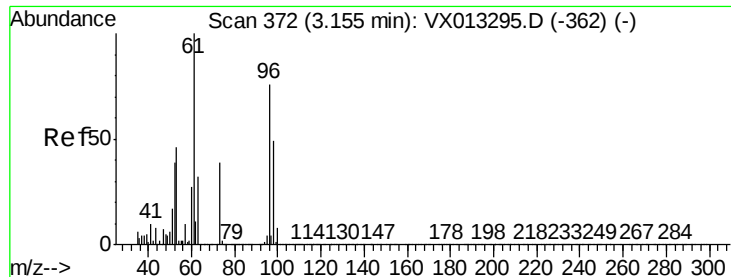
Tgt Ion: 73 Resp: 1042011
Ion Ratio Lower Upper
73 100
57 22.5 17.1 25.7



#20
Methylene Chloride
Concen: 48.231 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

Tgt Ion: 84 Resp: 337406
Ion Ratio Lower Upper
84 100
49 117.7 98.2 147.4
51 36.0 29.9 44.9
86 65.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 74.741 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MSD

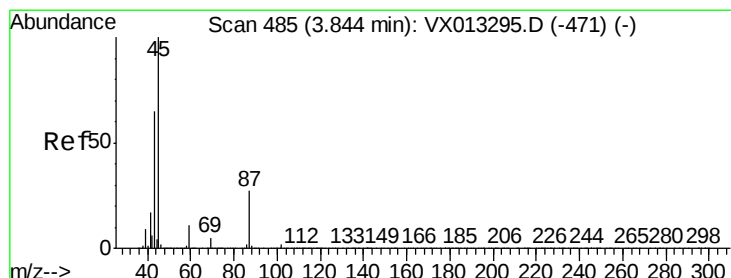
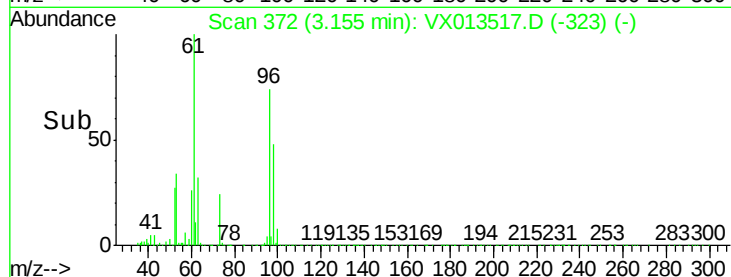
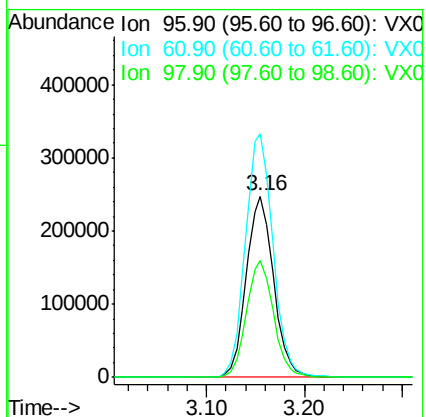
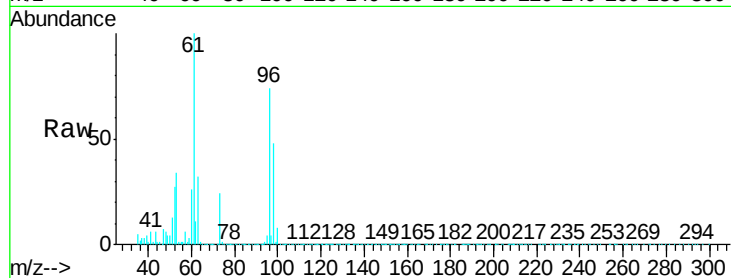
Tgt Ion: 96 Resp: 478300

Ion Ratio Lower Upper

96 100

61 134.5 105.8 158.6

98 64.3 51.8 77.6



#22

Diisopropyl ether

Concen: 52.846 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Tgt Ion: 45 Resp: 1089534

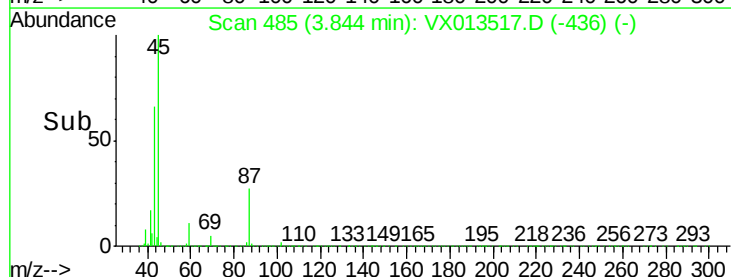
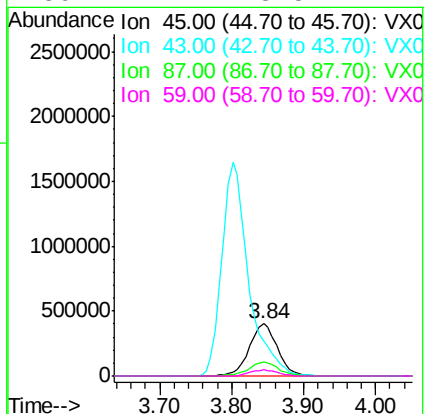
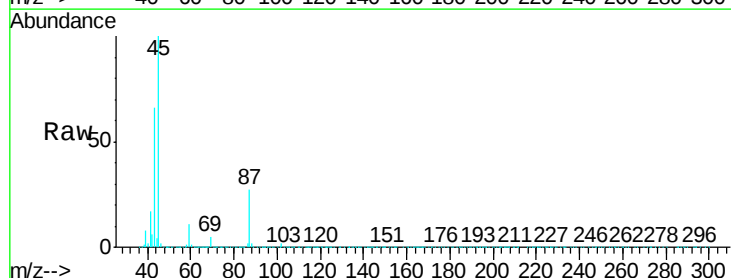
Ion Ratio Lower Upper

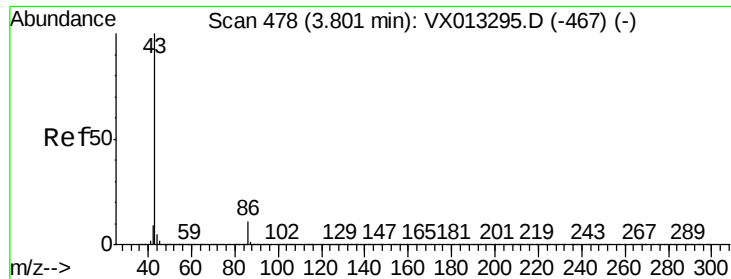
45 100

43 65.5 54.2 81.2

87 26.6 21.8 32.8

59 11.4 8.5 12.7





#23

Vinyl Acetate

Concen: 241.945 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

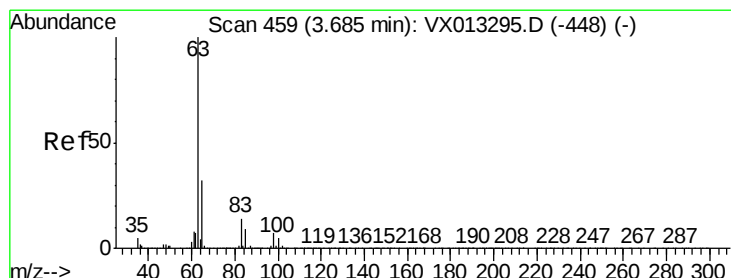
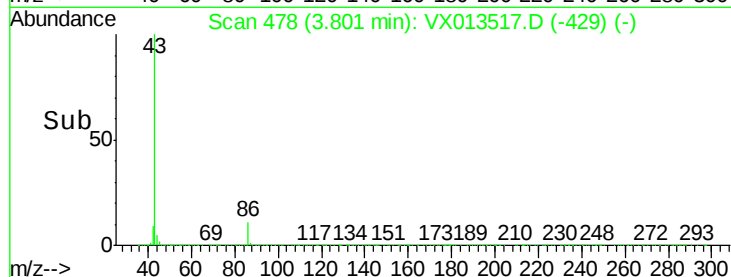
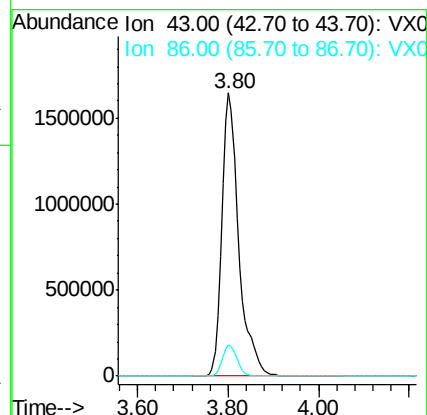
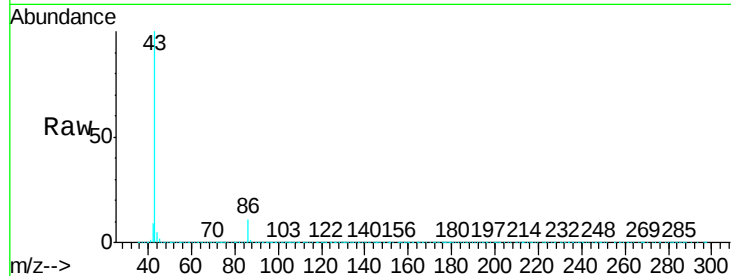
15BR-20191120MSD

Tgt Ion: 43 Resp: 4268395

Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0



#24

1,1-Dichloroethane

Concen: 51.412 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

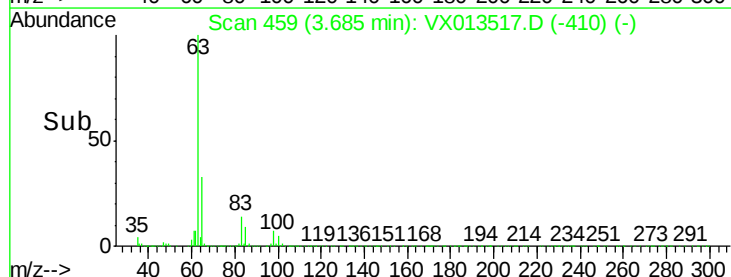
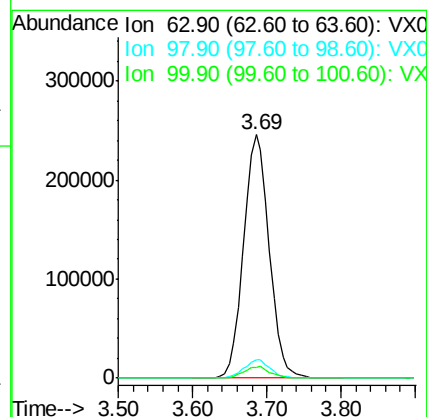
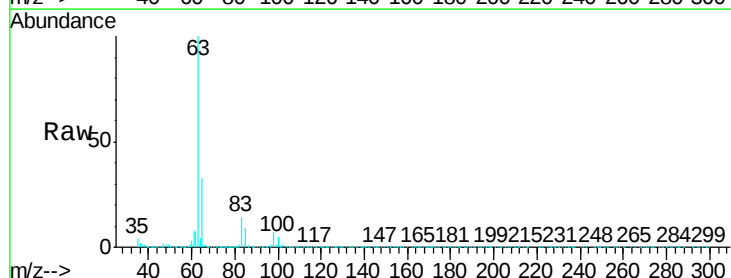
Tgt Ion: 63 Resp: 592955

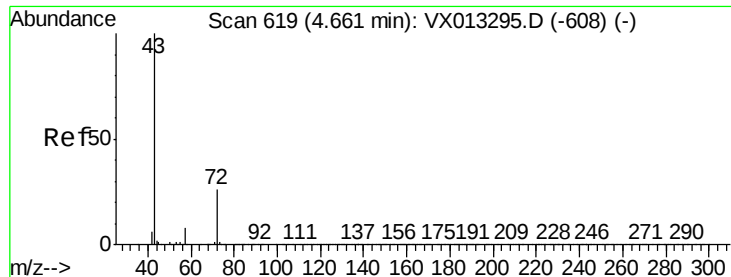
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 244.912 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

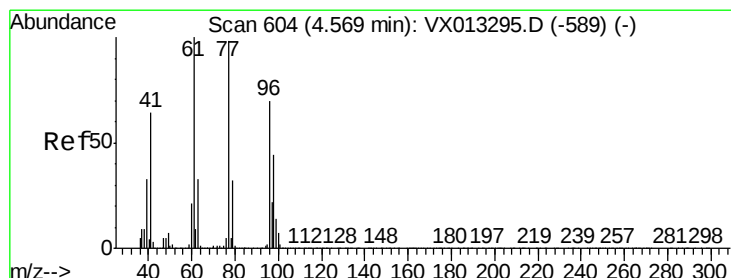
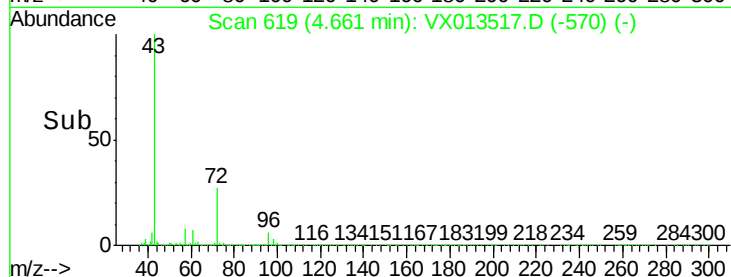
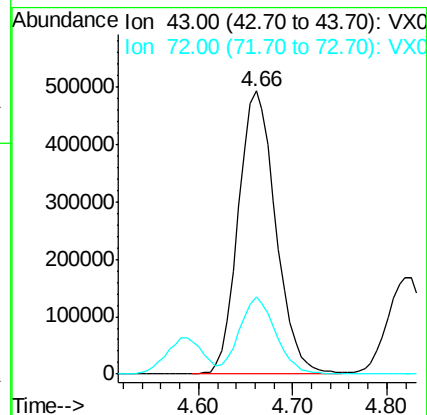
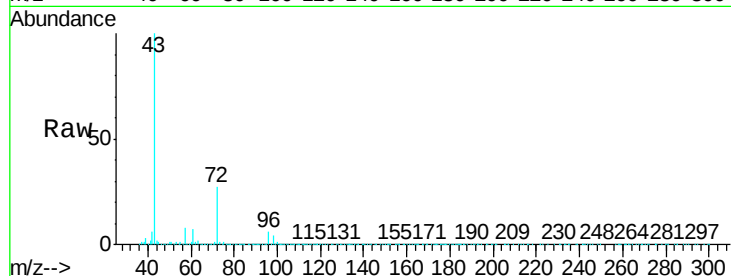
15BR-20191120MSD

Tgt Ion: 43 Resp: 1360357

Ion Ratio Lower Upper

43 100

72 27.1 21.0 31.6



#26

2,2-Dichloropropane

Concen: 44.912 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.01 min

Lab File: VX013517.D

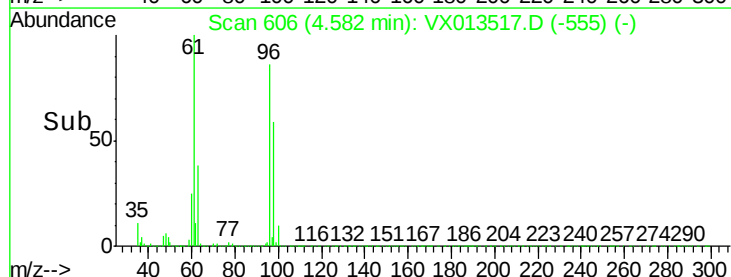
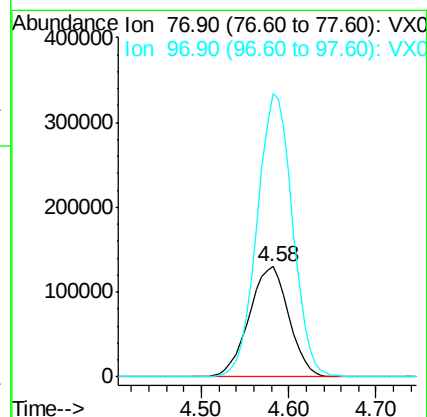
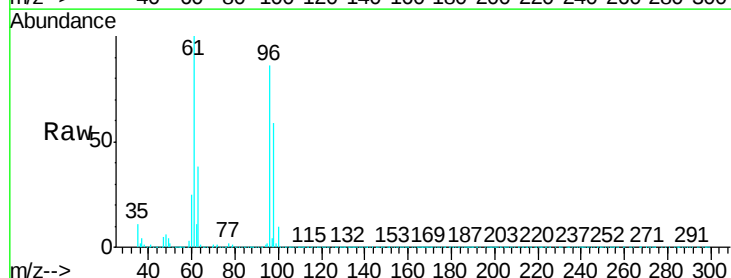
Acq: 21 Nov 2019 20:40

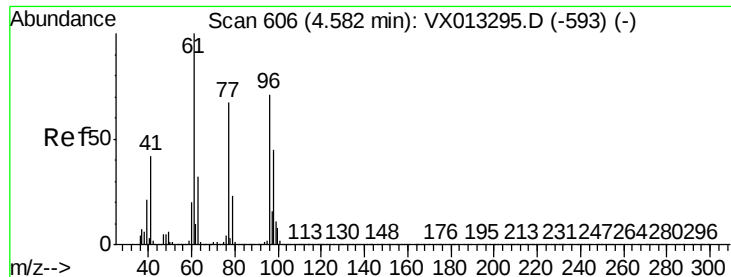
Tgt Ion: 77 Resp: 412073

Ion Ratio Lower Upper

77 100

97 228.5 11.3 33.8#



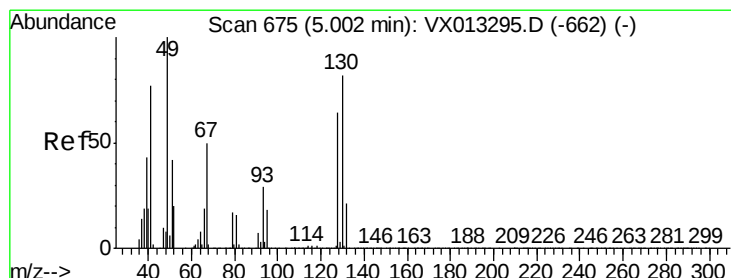
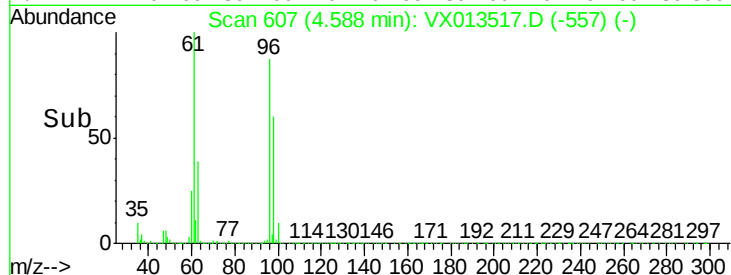
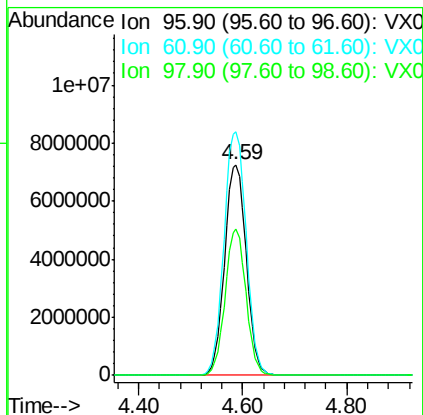
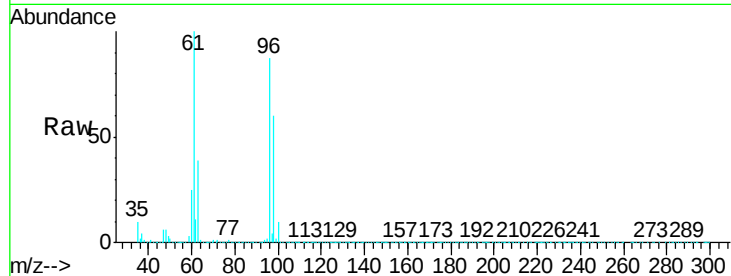


#27

cis-1,2-Dichloroethene
Concen: 2957.593 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MSD

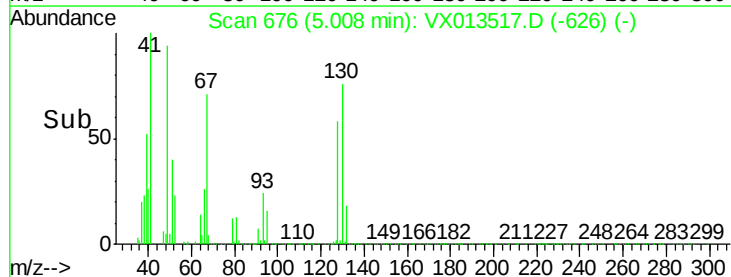
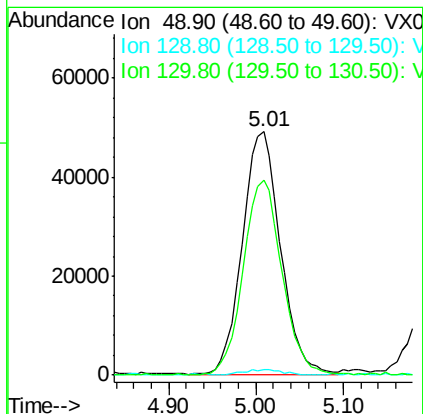
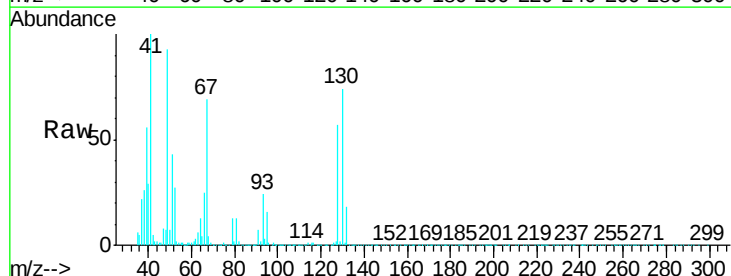
Tgt Ion: 96 Resp:21202129
Ion Ratio Lower Upper
96 100
61 118.9 0.0 288.0
98 67.0 0.0 129.6

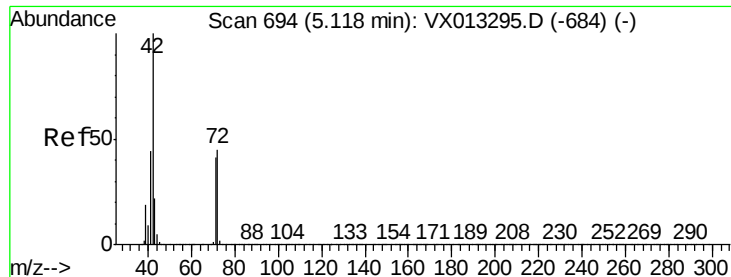


#28

Bromochloromethane
Concen: 45.290 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

Tgt Ion: 49 Resp: 148311
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.2
130 81.7 63.8 95.6

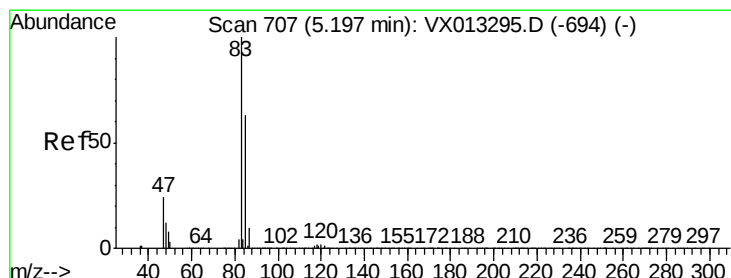
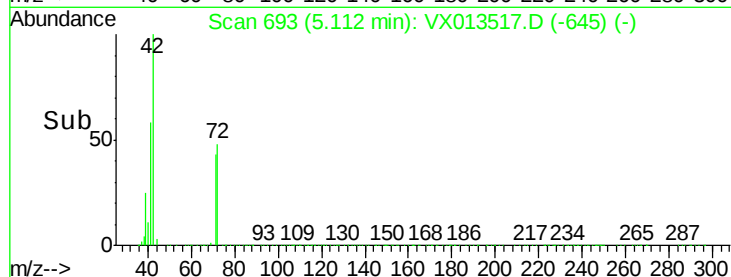
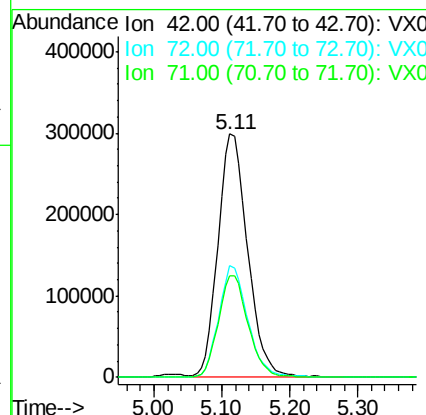
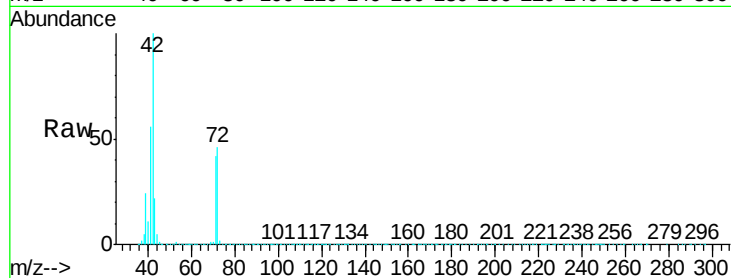




#29
Tetrahydrofuran
Concen: 262.604 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

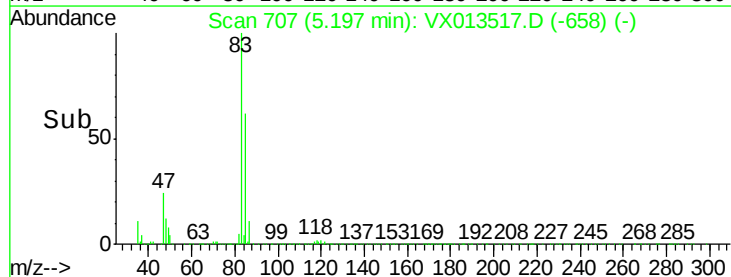
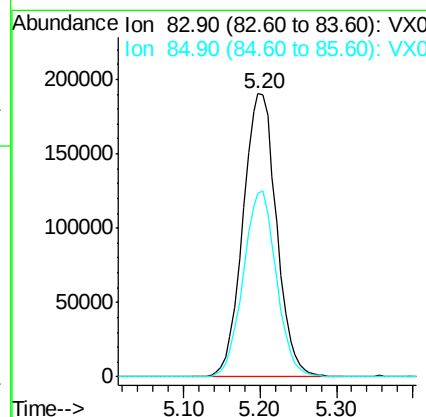
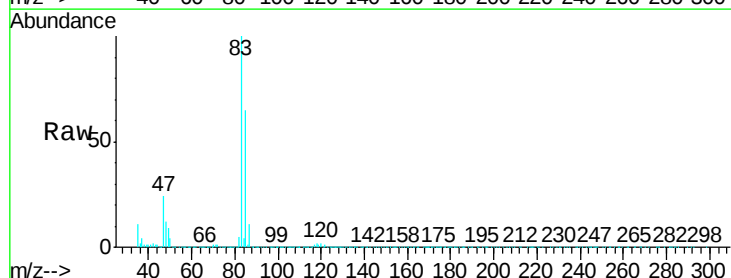
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MSD

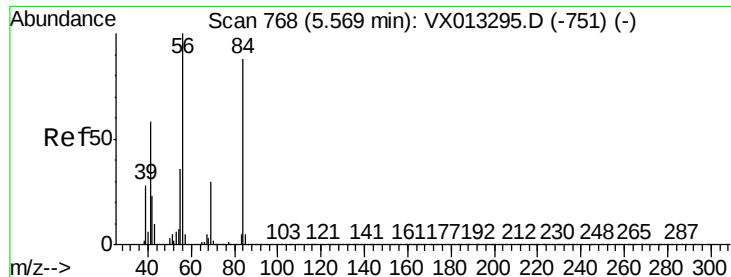
Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.8	53.8
71	42.0	33.4	50.0



#30
Chloroform
Concen: 50.719 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.2	75.4





#31

Cyclohexane

Concen: 46.661 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MSD

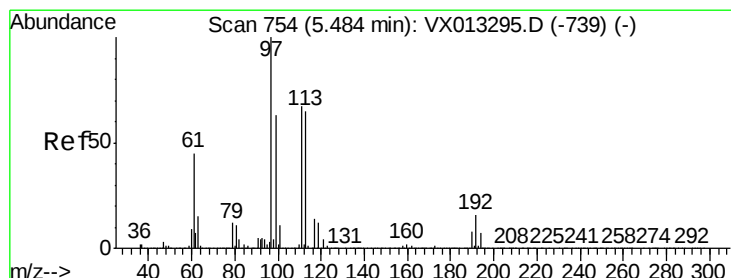
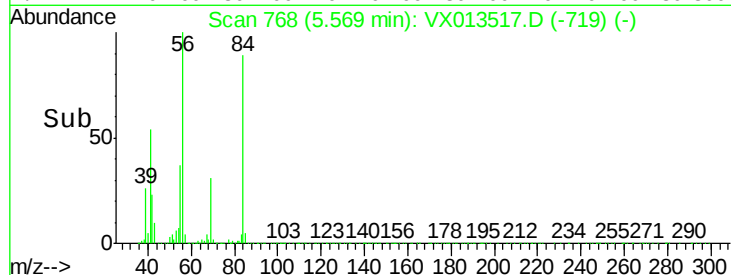
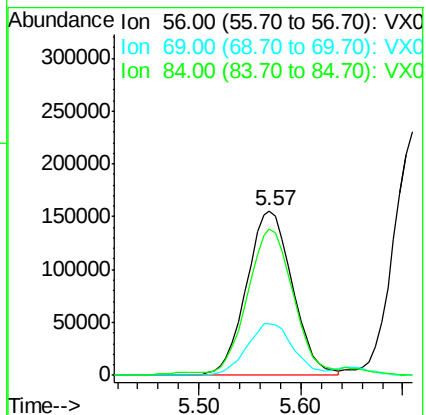
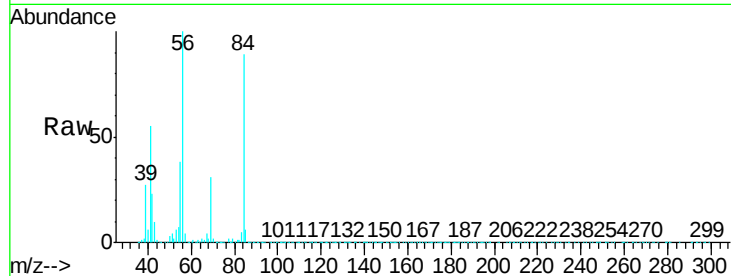
Tgt Ion: 56 Resp: 484245

Ion Ratio Lower Upper

56 100

69 31.2 23.7 35.5

84 87.2 70.6 105.8



#32

1,1,1-Trichloroethane

Concen: 49.991 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

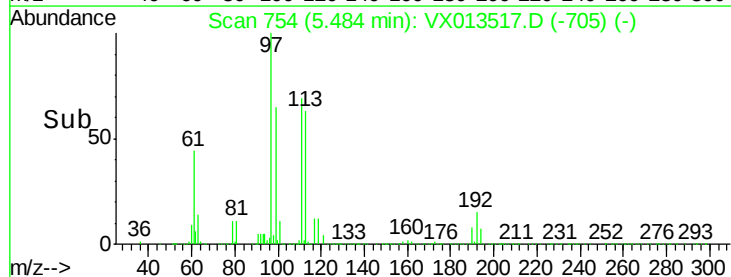
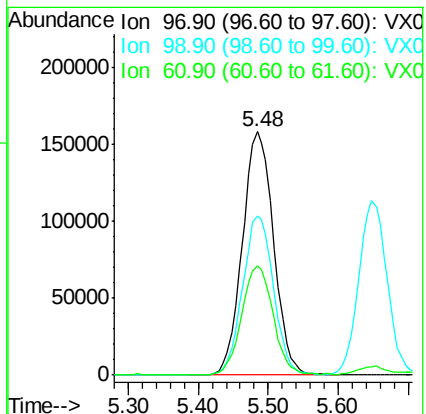
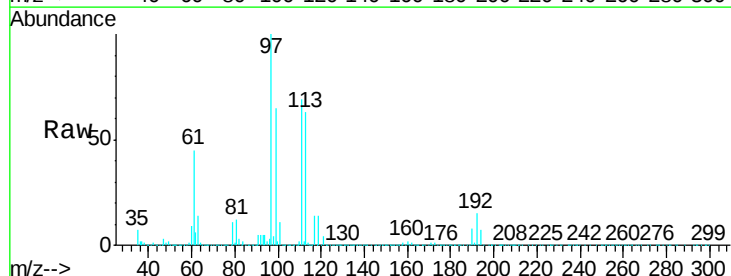
Tgt Ion: 97 Resp: 489953

Ion Ratio Lower Upper

97 100

99 65.0 51.1 76.7

61 44.7 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 47.827 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

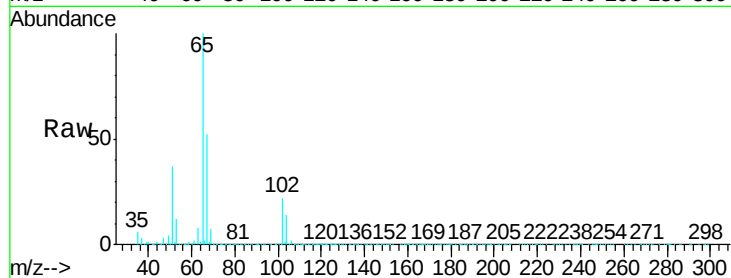
15BR-20191120MSD

Tgt Ion: 65 Resp: 363052

Ion Ratio Lower Upper

65 100

67 52.0 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

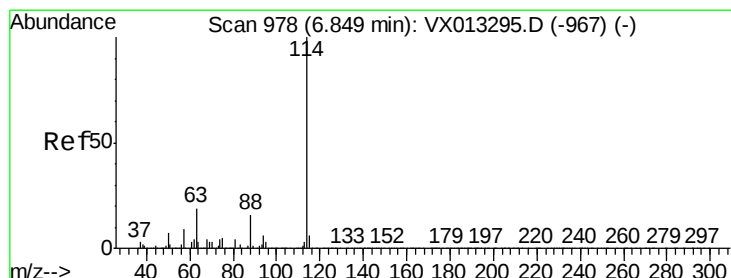
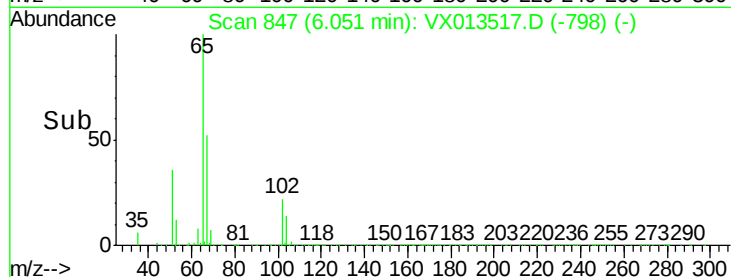
100000

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: VX013517.D

Acq: 21 Nov 2019 20:40

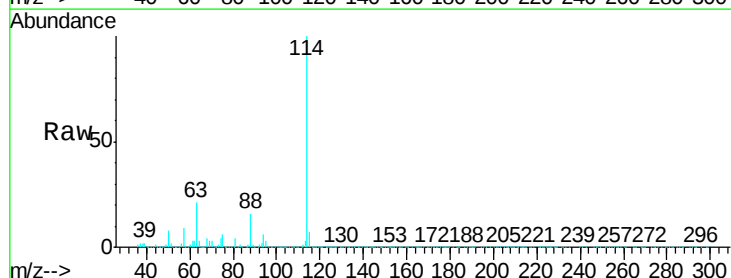
Tgt Ion: 114 Resp: 988241

Ion Ratio Lower Upper

114 100

63 21.2 0.0 38.4

88 16.0 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

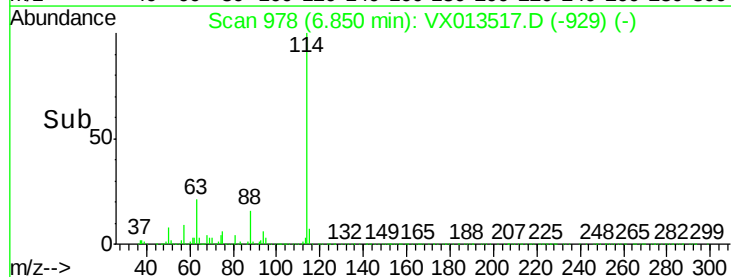
200000

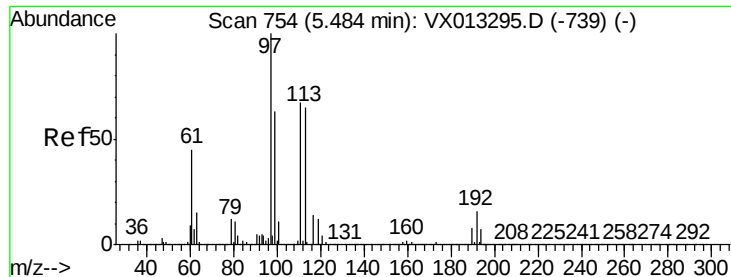
100000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 48.987 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MSD

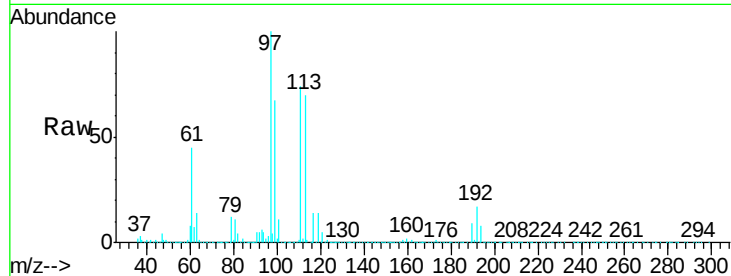
Tgt Ion:113 Resp: 303641

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

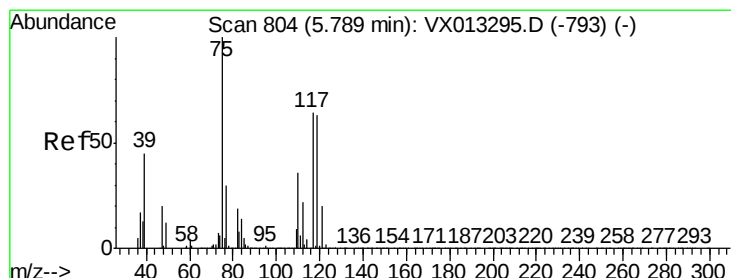
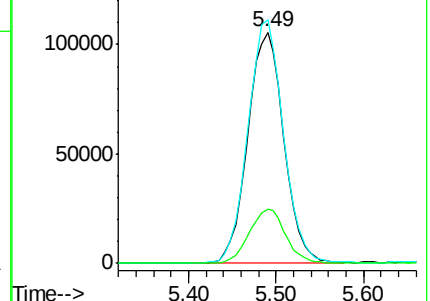
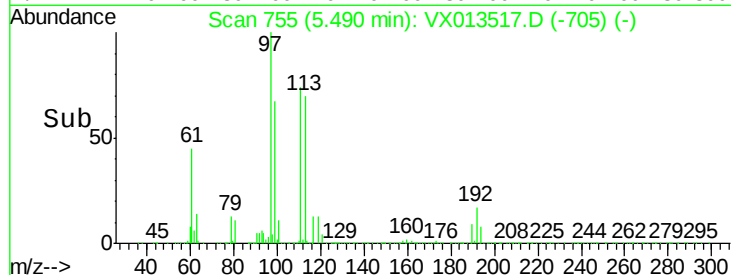
192 23.7 19.1 28.7



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: 49.399 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

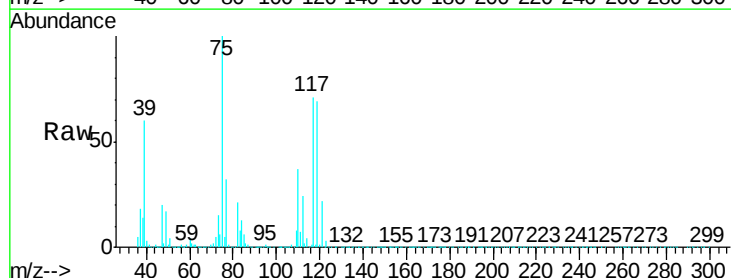
Tgt Ion: 75 Resp: 418800

Ion Ratio Lower Upper

75 100

110 36.7 18.1 54.1

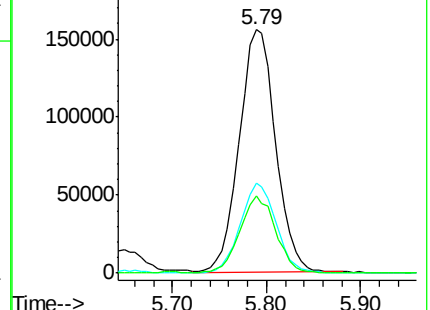
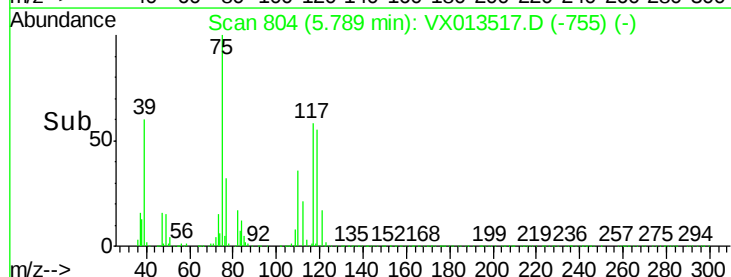
77 31.3 25.0 37.4

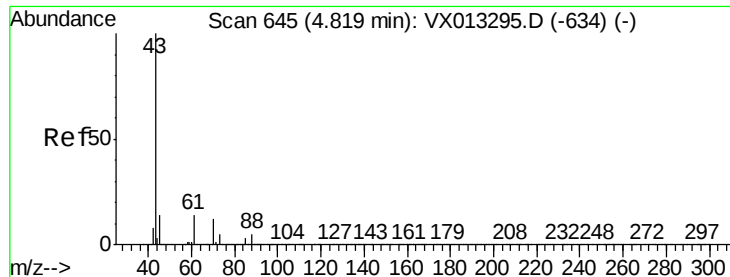


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

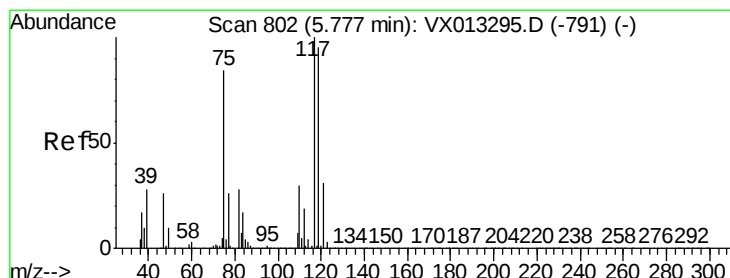
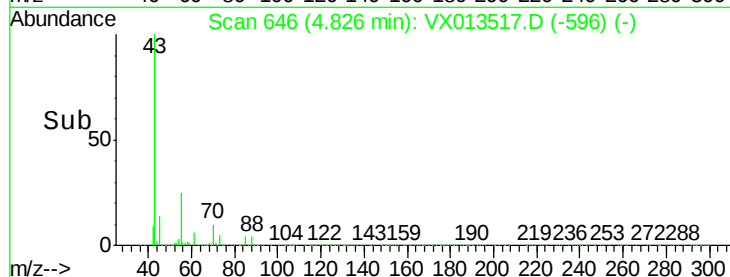
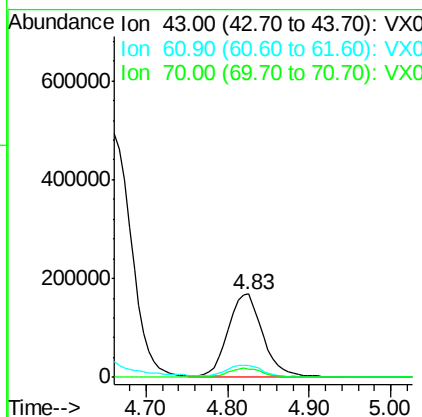
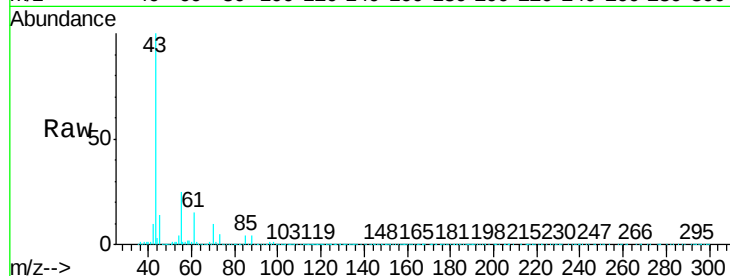




#37
Ethyl Acetate
Concen: 46.895 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

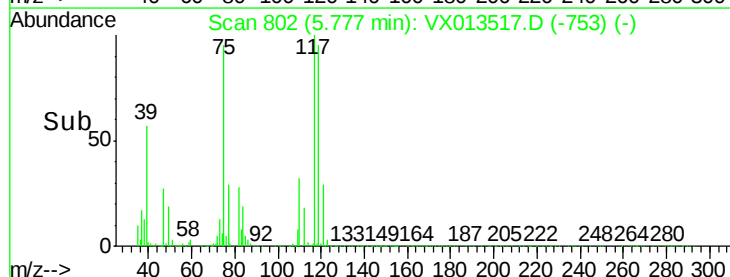
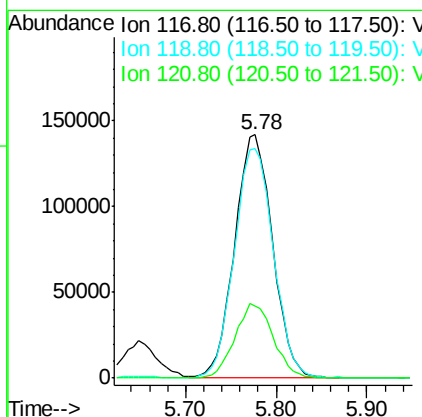
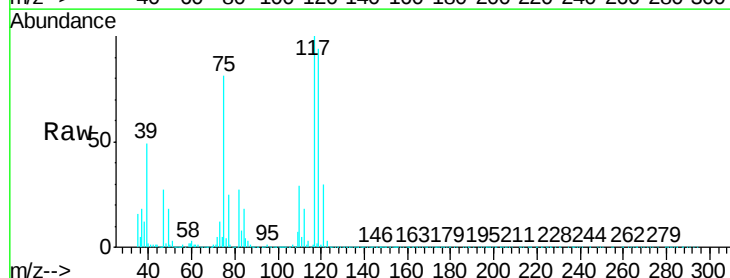
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MSD

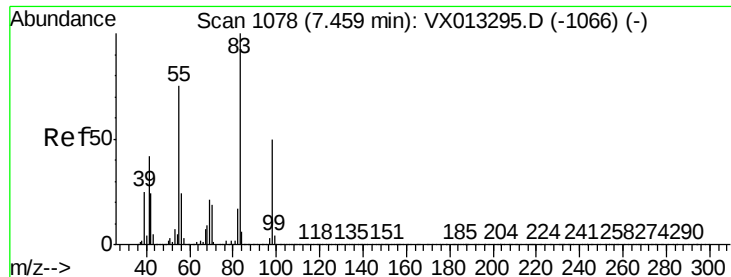
Tgt Ion: 43 Resp: 491259
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 11.1 8.7 13.1



#38
Carbon Tetrachloride
Concen: 49.650 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

Tgt Ion: 117 Resp: 411612
Ion Ratio Lower Upper
117 100
119 94.4 76.1 114.1
121 29.7 24.6 37.0

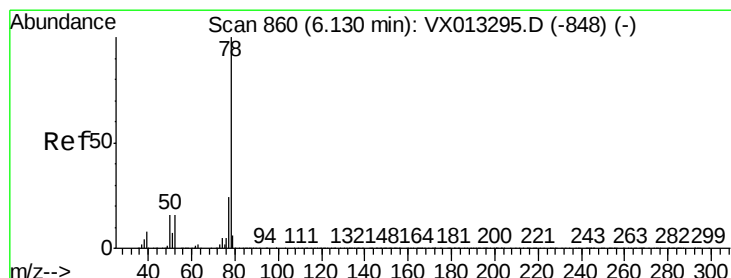
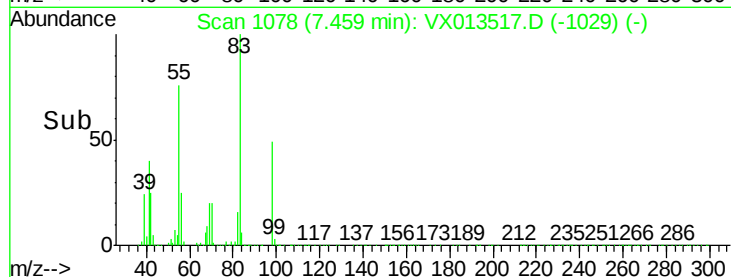
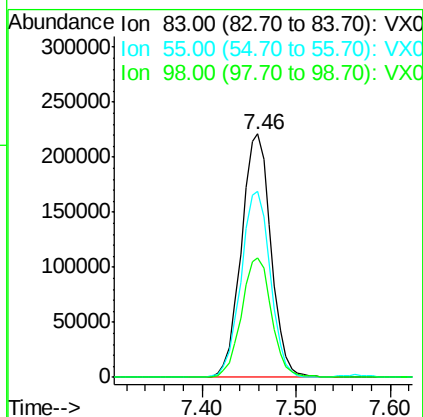
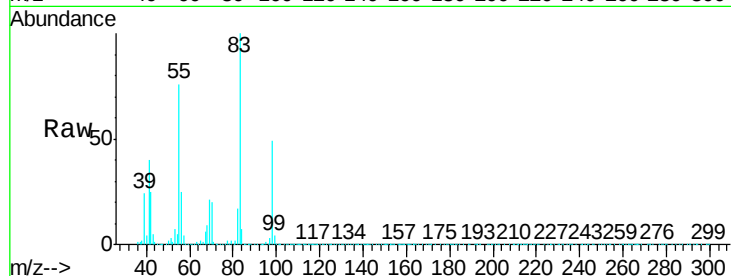




#39
Methylcyclohexane
Concen: 45.834 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

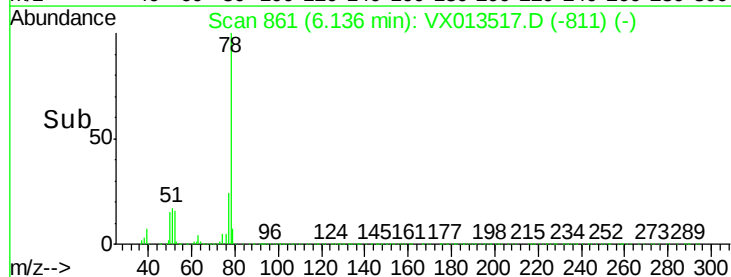
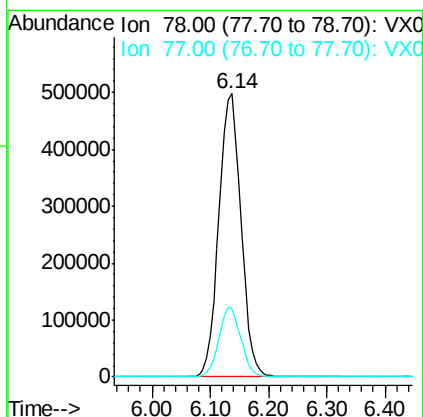
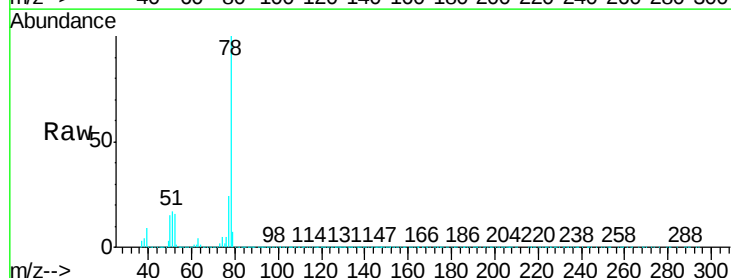
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MSD

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.2	60.3	90.5
98	49.2	40.3	60.5



#40
Benzene
Concen: 49.991 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3





#41

Methacrylonitrile

Concen: 50.581 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MSD

Tgt Ion: 41 Resp: 296994

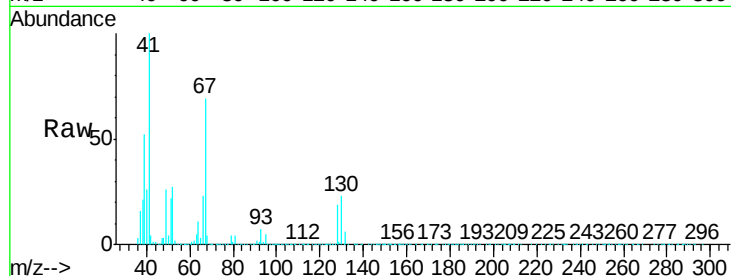
Ion Ratio Lower Upper

41 100

39 53.7 45.0 67.6

67 71.1 55.4 83.2

52 29.2 23.1 34.7

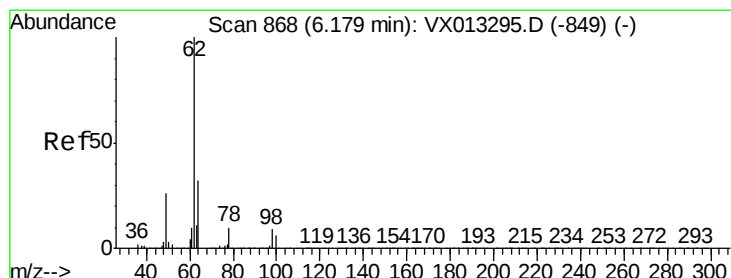
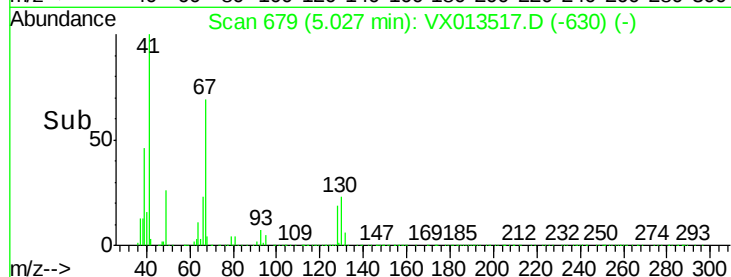
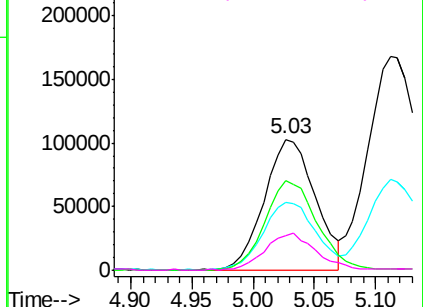


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.819 ug/l

RT: 6.18 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX013517.D

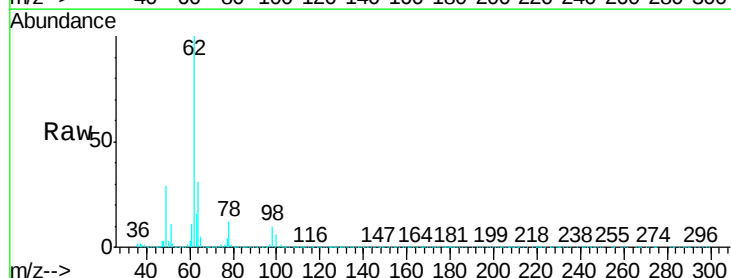
Acq: 21 Nov 2019 20:40

Tgt Ion: 62 Resp: 474563

Ion Ratio Lower Upper

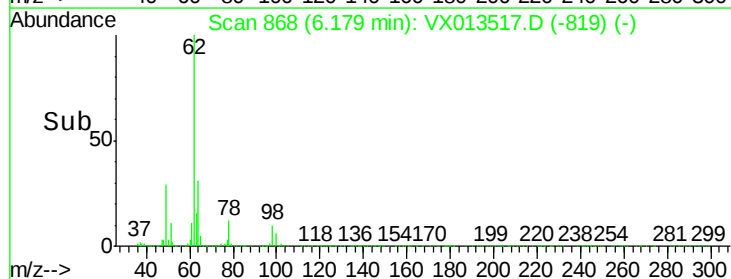
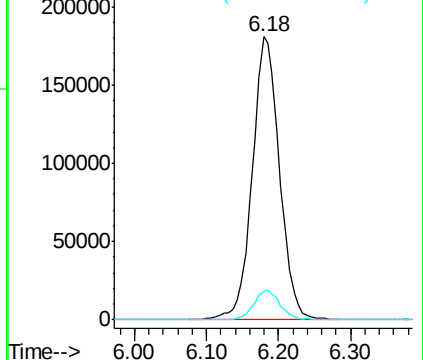
62 100

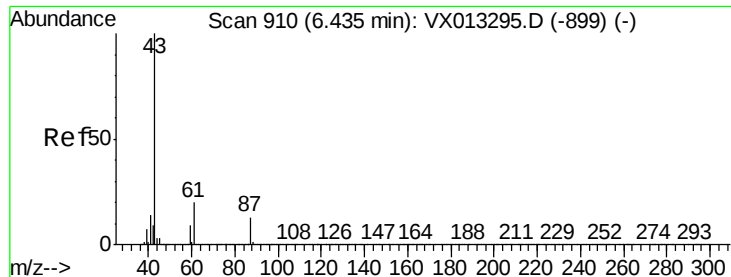
98 10.0 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.209 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MSD

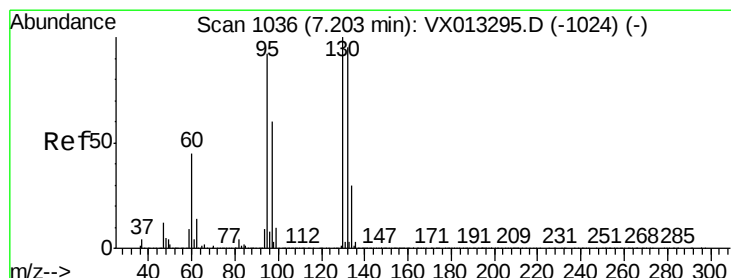
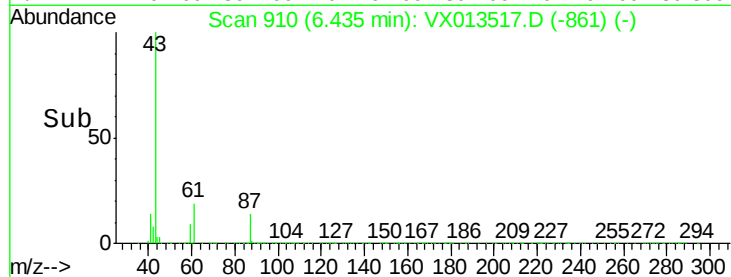
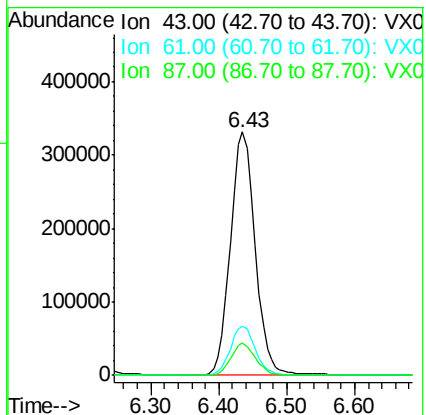
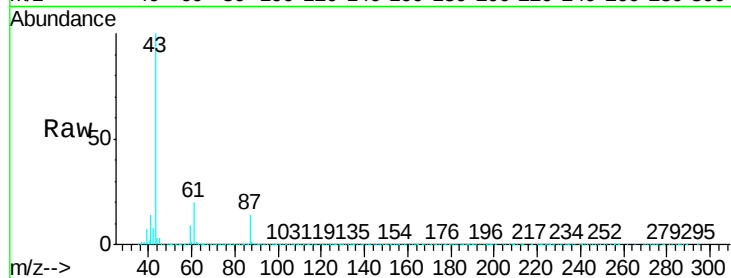
Tgt Ion: 43 Resp: 835356

Ion Ratio Lower Upper

43 100

61 20.1 15.8 23.8

87 13.1 10.4 15.6



#44

Trichloroethene

Concen: 2983.898 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013517.D

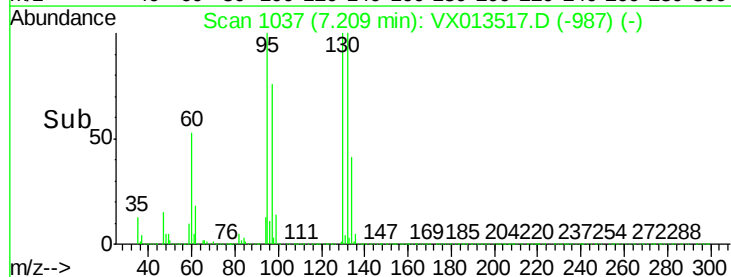
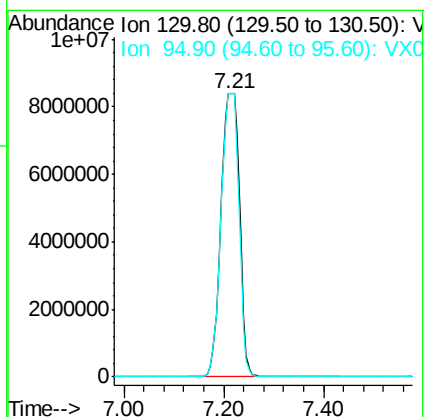
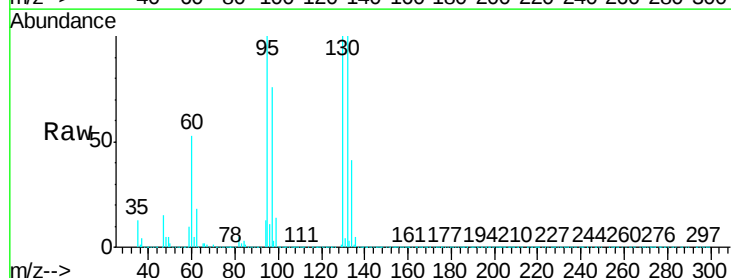
Acq: 21 Nov 2019 20:40

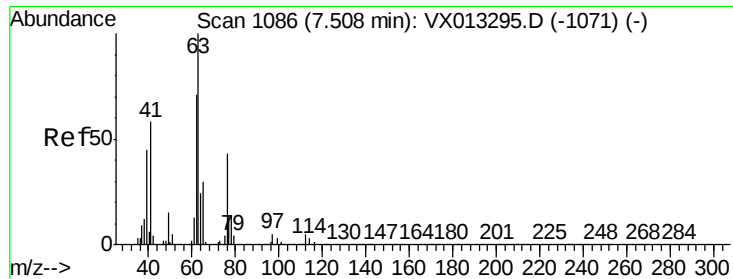
Tgt Ion: 130 Resp: 21690846

Ion Ratio Lower Upper

130 100

95 100.0 0.0 184.8

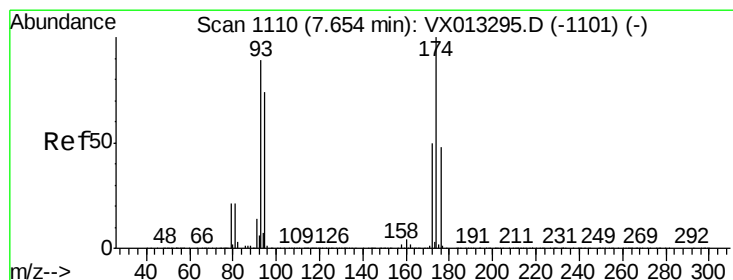
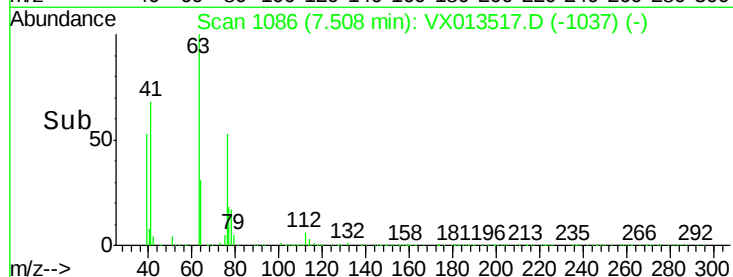
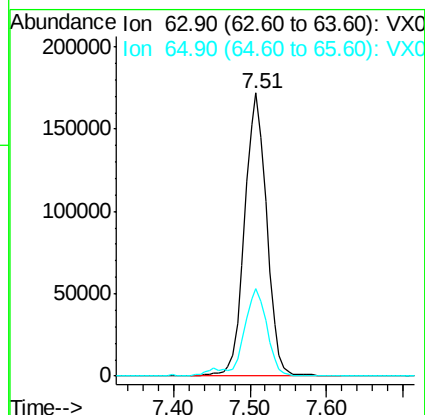
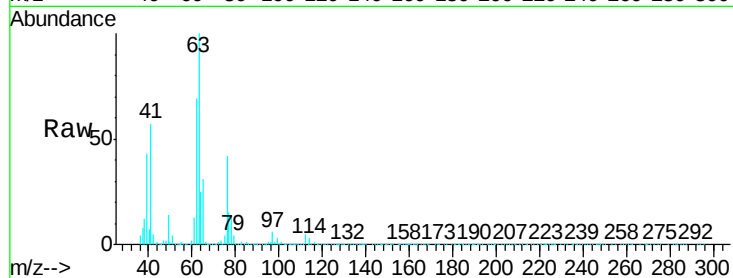




#45
 1,2-Dichloropropane
 Concen: 50.914 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013517.D
 Acq: 21 Nov 2019 20:40

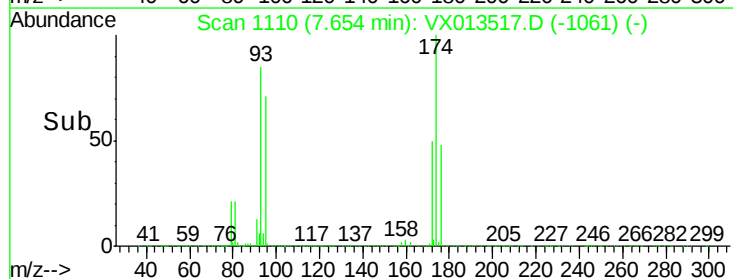
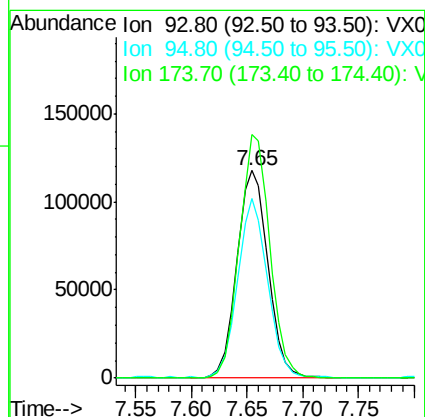
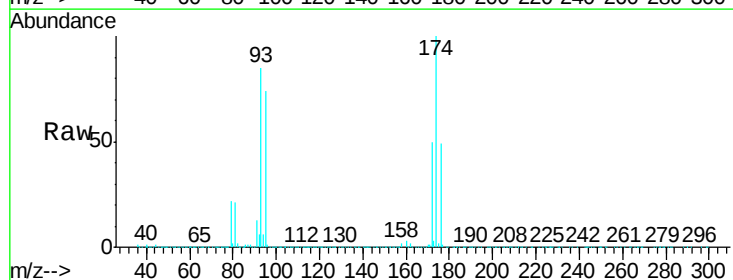
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20191120MSD

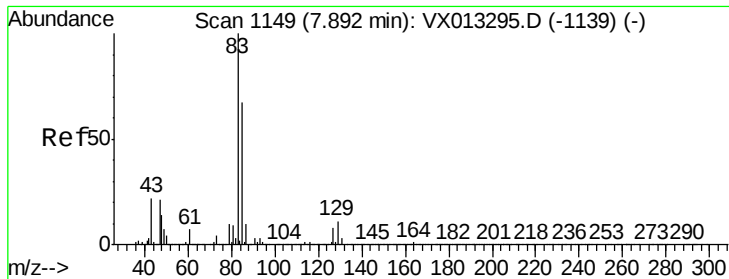
Tgt Ion: 63 Resp: 342587
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.3 36.5



#46
 Dibromomethane
 Concen: 49.432 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013517.D
 Acq: 21 Nov 2019 20:40

Tgt Ion: 93 Resp: 227100
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.8 98.6
 174 115.6 90.4 135.6





#47

Bromodichloromethane

Concen: 52.949 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MSD

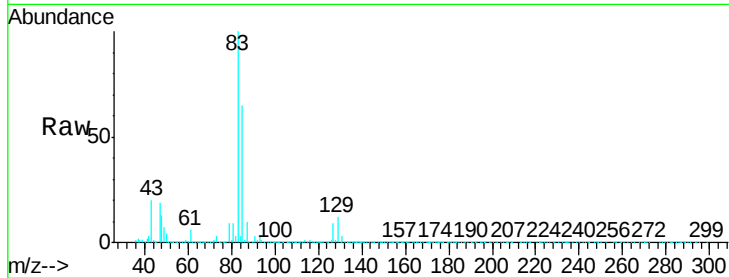
Tgt Ion: 83 Resp: 458712

Ion Ratio Lower Upper

83 100

85 64.5 53.7 80.5

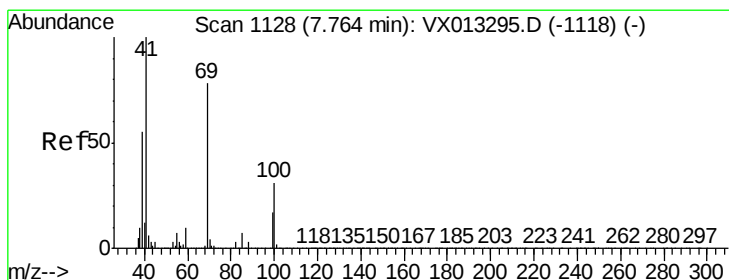
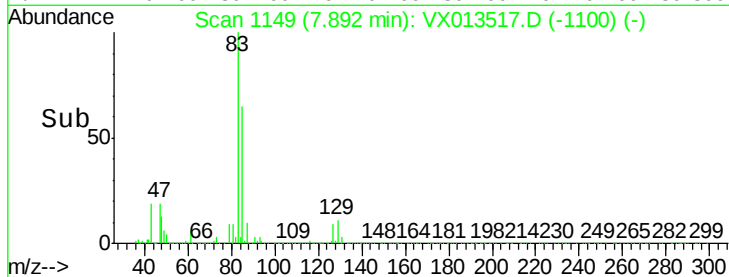
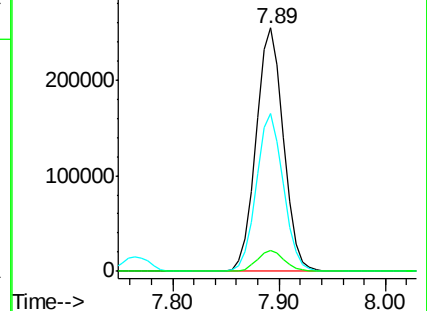
127 8.8 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.225 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

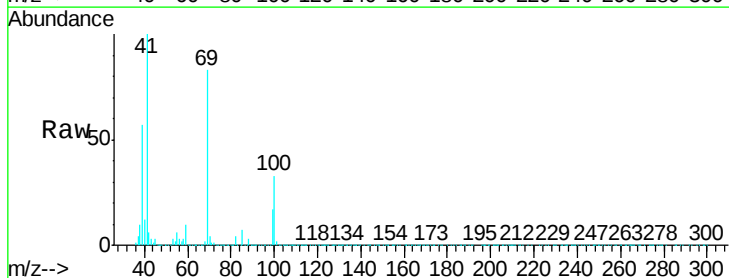
Tgt Ion: 41 Resp: 425263

Ion Ratio Lower Upper

41 100

69 82.3 63.0 94.6

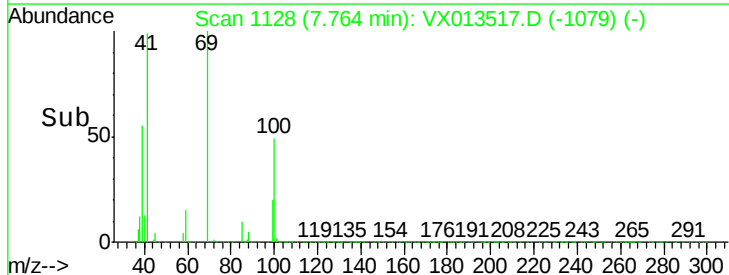
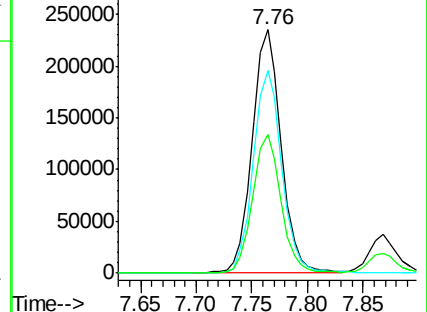
39 55.5 45.9 68.9

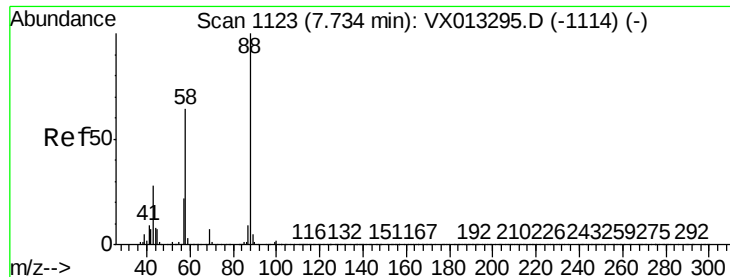


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 912.344 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MSD

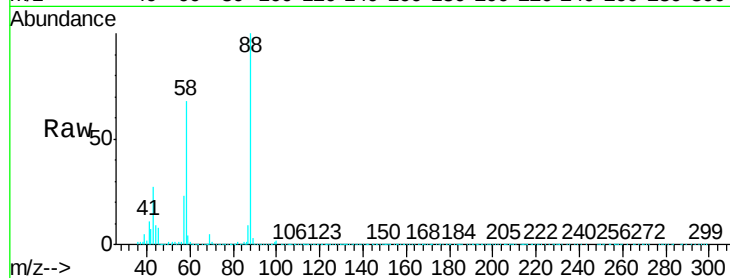
Tgt Ion: 88 Resp: 170136

Ion Ratio Lower Upper

88 100

43 34.2 26.6 39.8

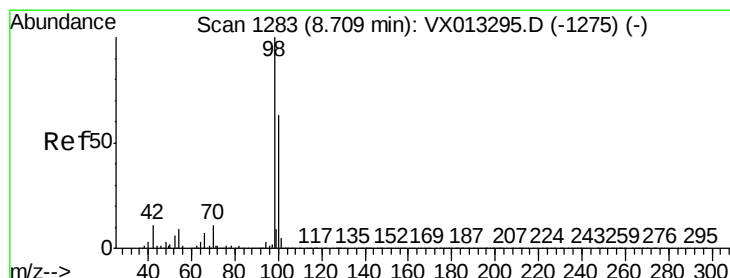
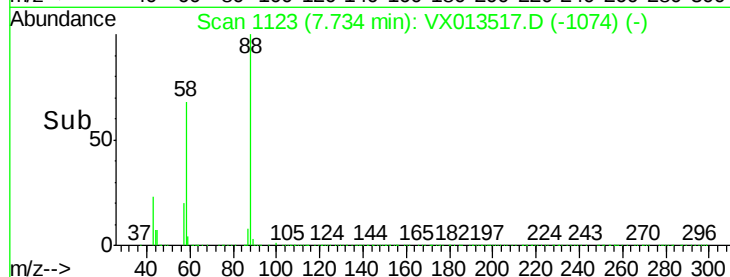
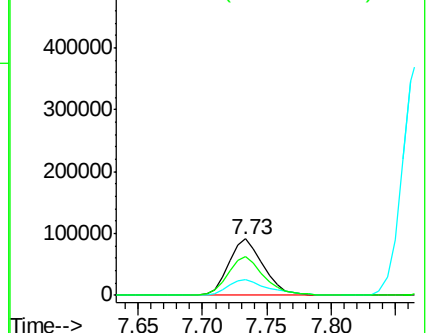
58 70.7 55.0 82.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.228 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013517.D

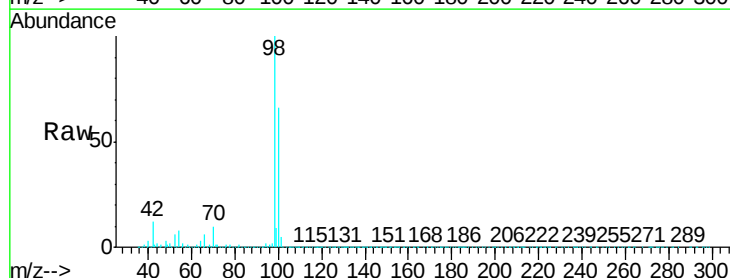
Acq: 21 Nov 2019 20:40

Tgt Ion: 98 Resp: 1126961

Ion Ratio Lower Upper

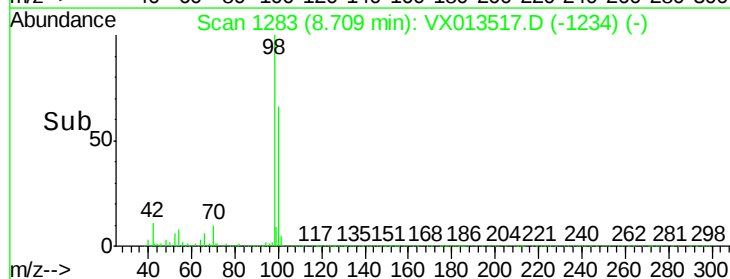
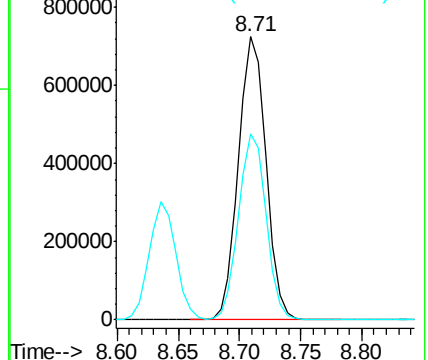
98 100

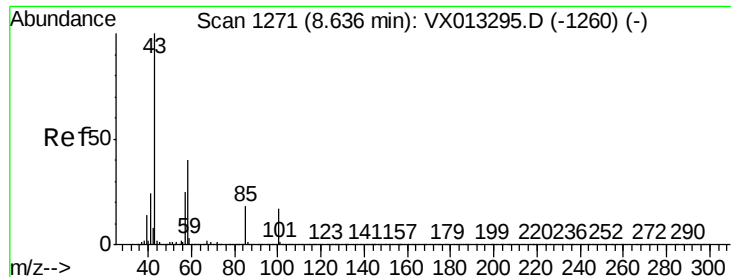
100 66.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

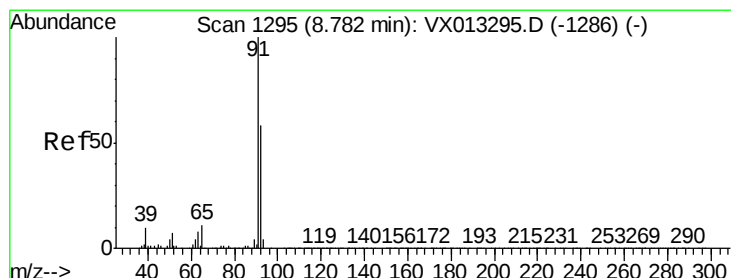
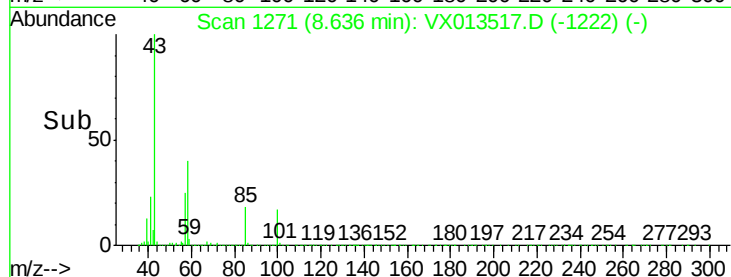
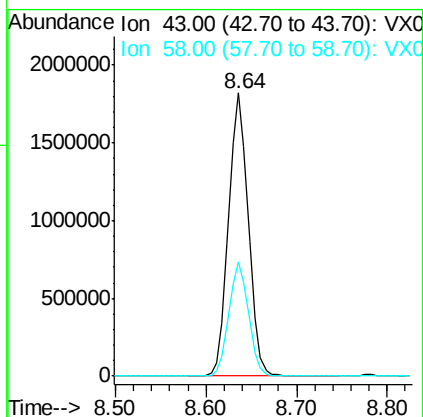
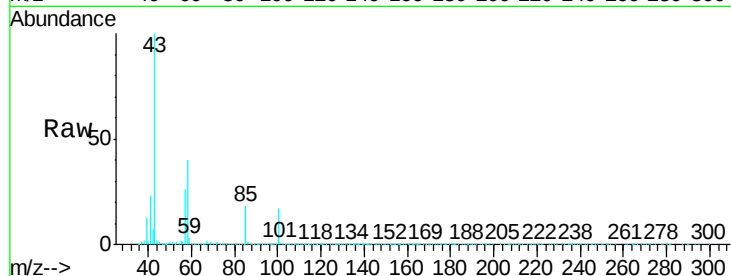




#51
4-Methyl-2-Pentanone
Concen: 258.240 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

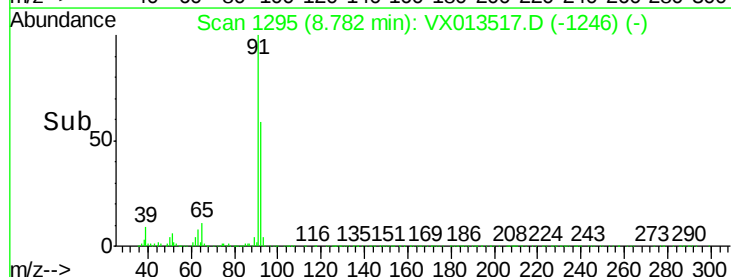
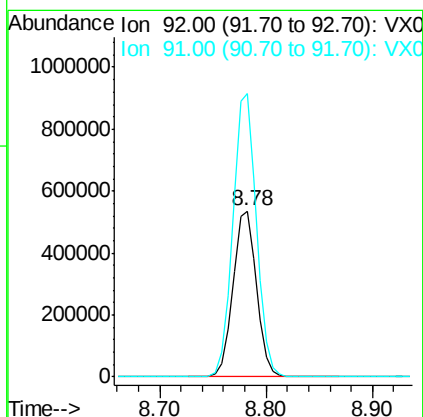
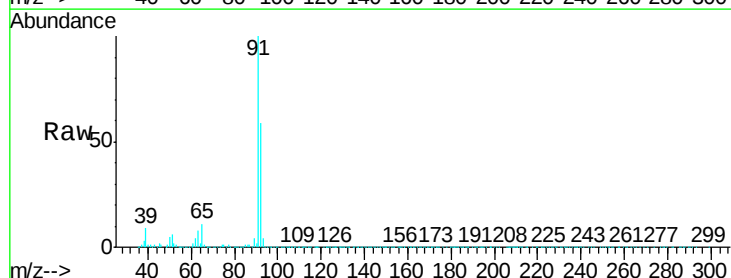
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MSD

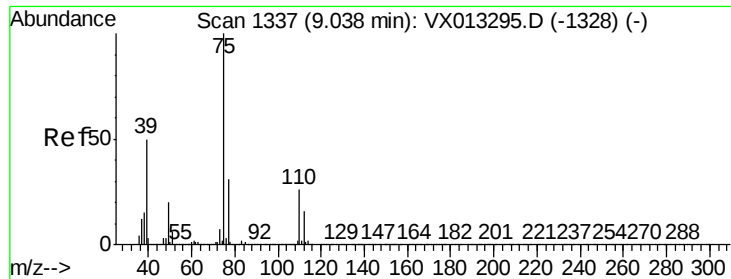
Tgt Ion: 43 Resp: 2763827
Ion Ratio Lower Upper
43 100
58 39.9 31.4 47.0



#52
Toluene
Concen: 50.474 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

Tgt Ion: 92 Resp: 826152
Ion Ratio Lower Upper
92 100
91 171.3 138.0 207.0

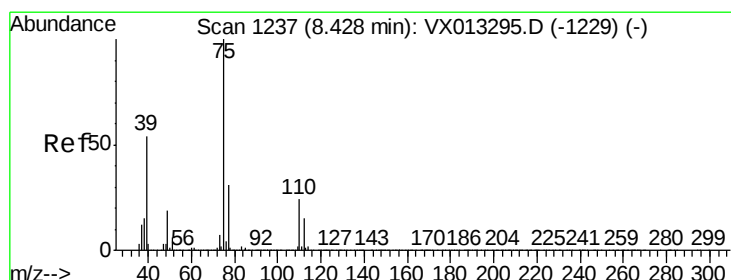
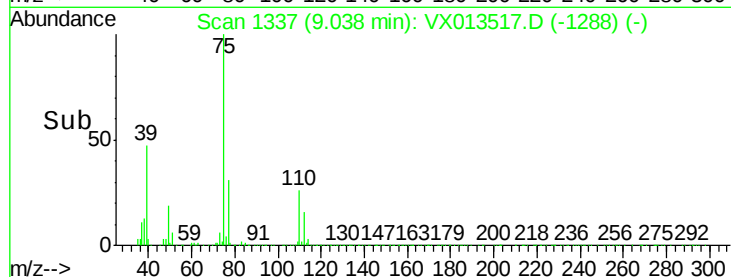
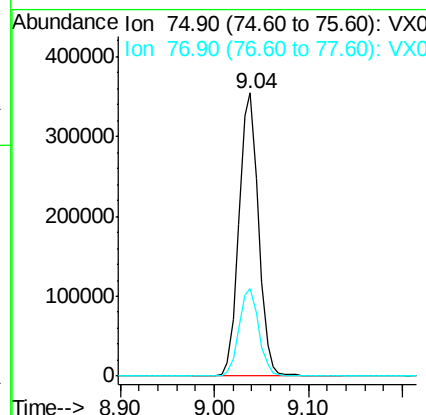
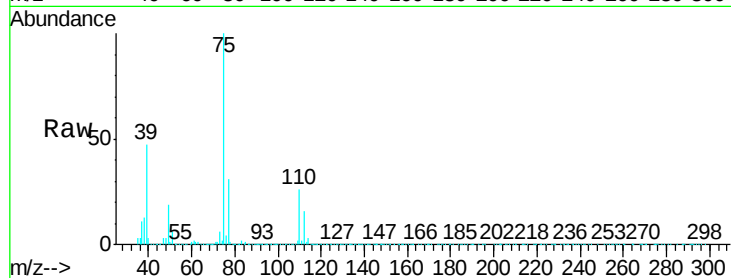




#53
 t-1,3-Dichloropropene
 Concen: 53.703 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX013517.D
 Acq: 21 Nov 2019 20:40

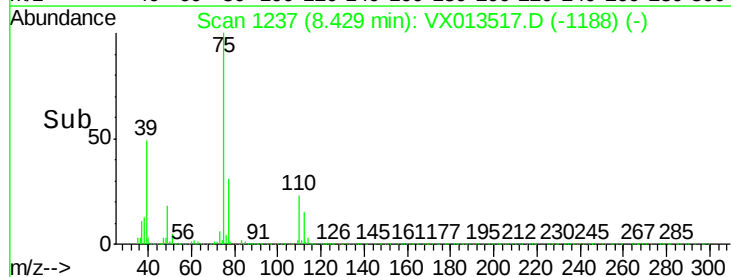
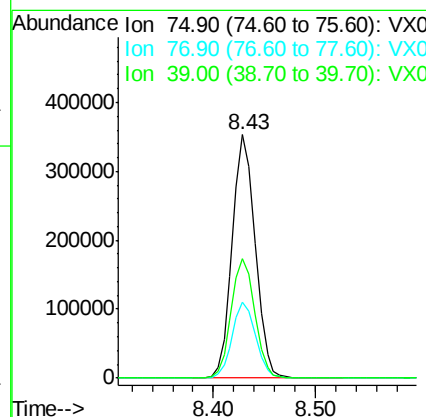
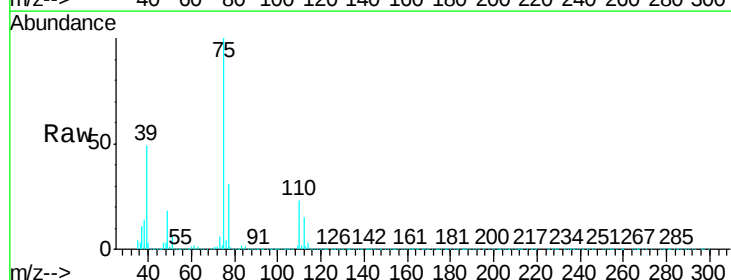
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20191120MSD

Tgt Ion: 75 Resp: 508738
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.848 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013517.D
 Acq: 21 Nov 2019 20:40

Tgt Ion: 75 Resp: 549426
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.7 37.1
 39 49.1 43.0 64.6

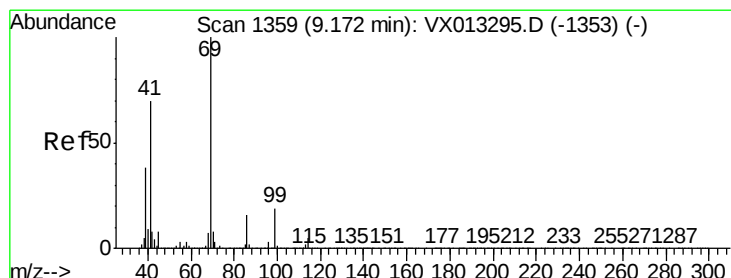
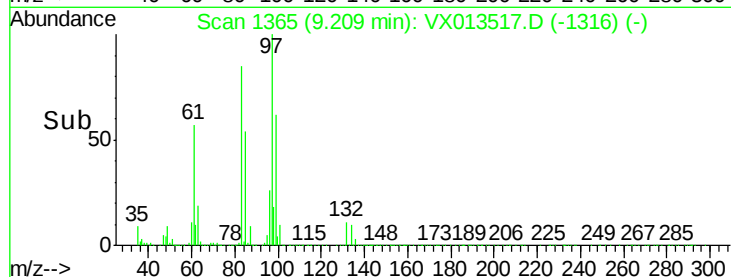
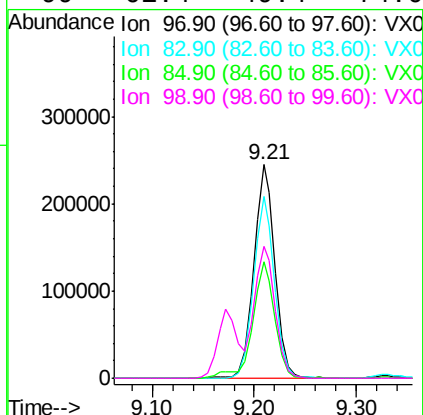
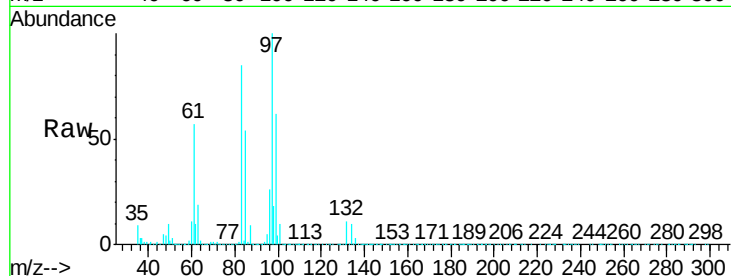




#55
 1,1,2-Trichloroethane
 Concen: 52.380 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013517.D
 Acq: 21 Nov 2019 20:40

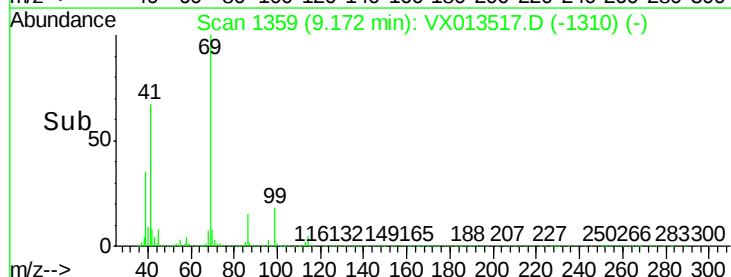
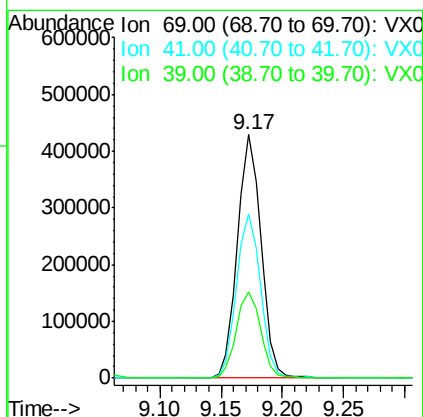
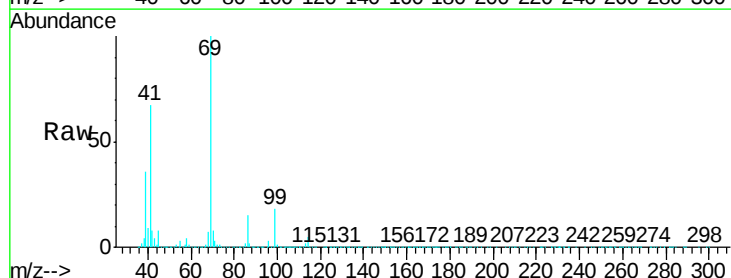
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20191120MSD

Tgt Ion:	97	Resp:	355360
Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.6	103.0
85	54.2	43.1	64.7
99	61.4	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 49.669 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013517.D
 Acq: 21 Nov 2019 20:40

Tgt Ion:	69	Resp:	575148
Ion	Ratio	Lower	Upper
69	100		
41	68.3	56.2	84.2
39	36.4	31.1	46.7





#57

1,3-Dichloropropane

Concen: 51.903 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

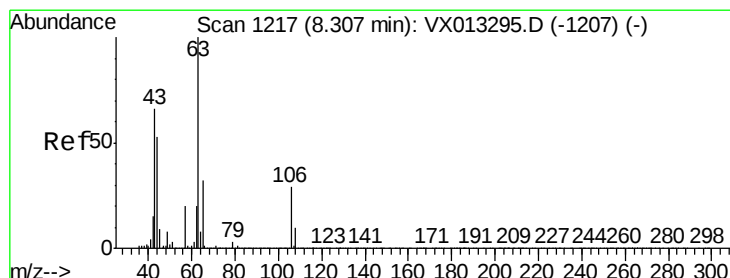
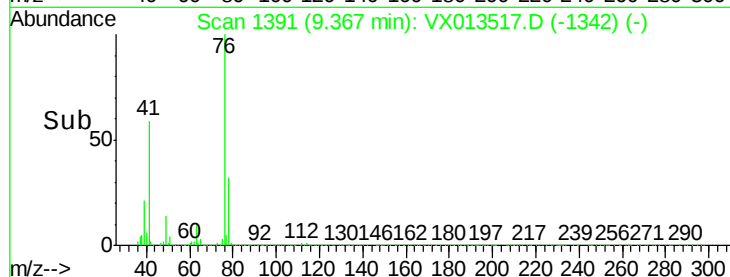
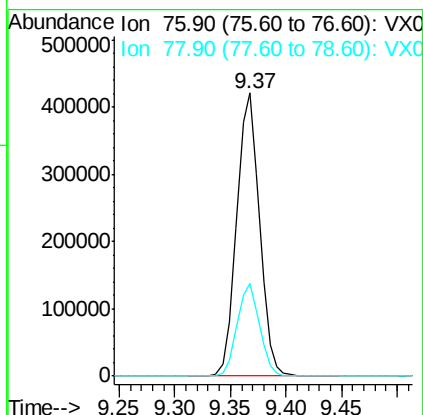
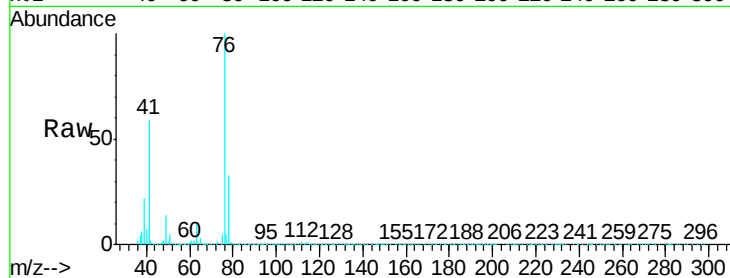
15BR-20191120MSD

Tgt Ion: 76 Resp: 597741

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 0.204 ug/l

RT: 8.34 min Scan# 1223

Delta R.T. 0.04 min

Lab File: VX013517.D

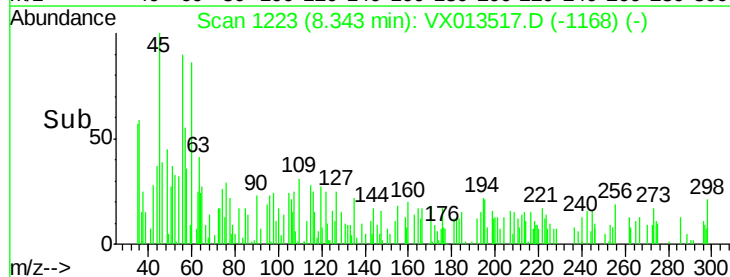
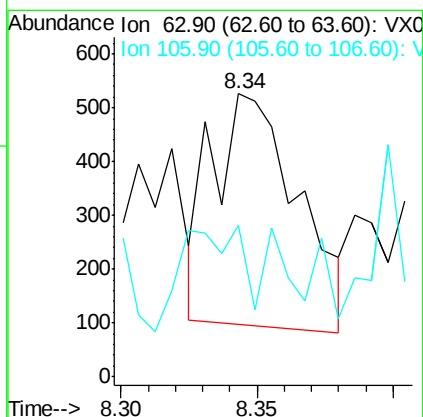
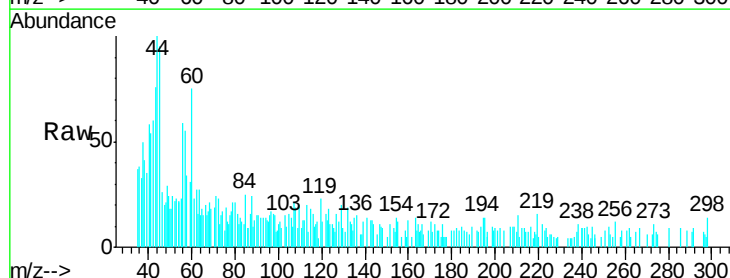
Acq: 21 Nov 2019 20:40

Tgt Ion: 63 Resp: 946

Ion Ratio Lower Upper

63 100

106 32.1 23.4 35.2

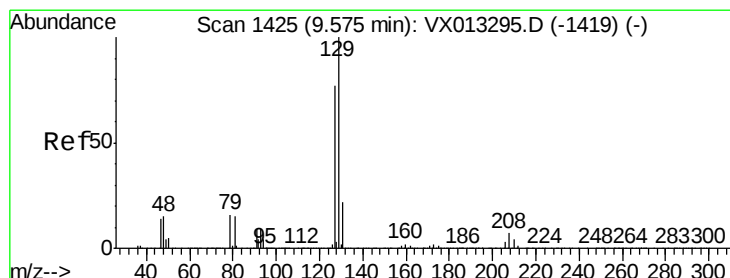
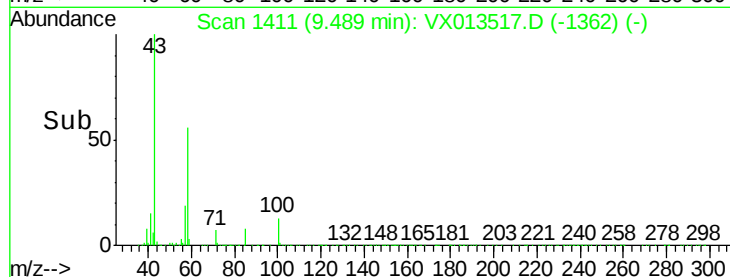
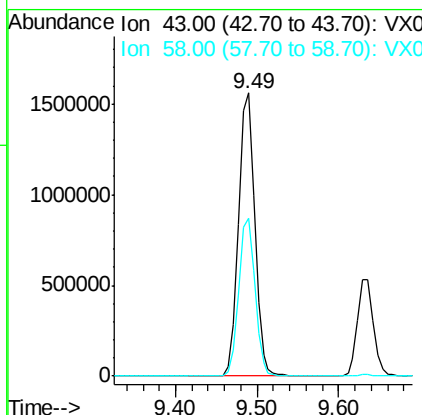
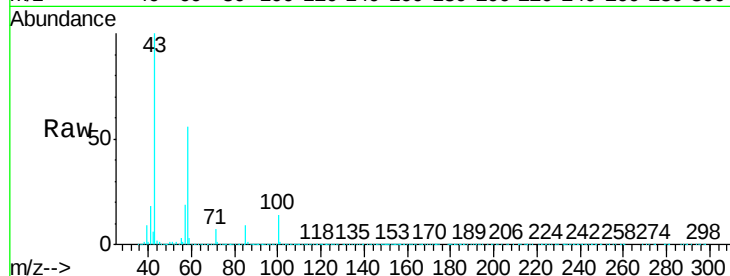




#59
2-Hexanone
Concen: 257.503 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

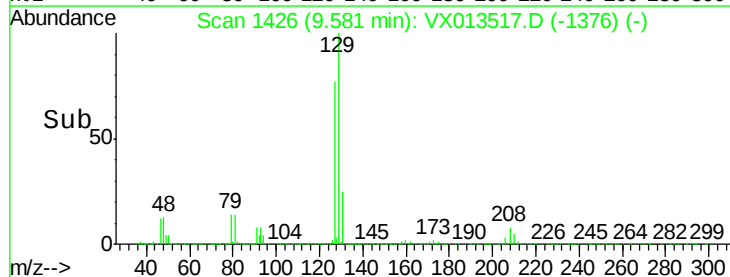
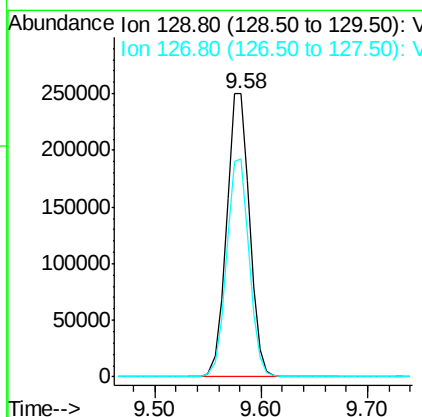
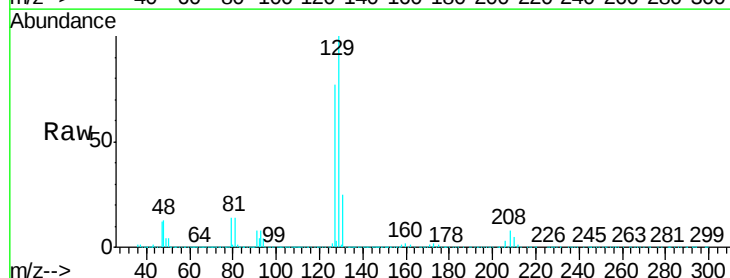
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MSD

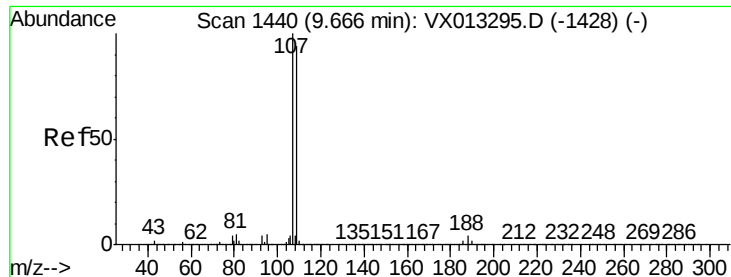
Tgt Ion: 43 Resp: 2129725
Ion Ratio Lower Upper
43 100
58 55.8 27.3 81.8



#60
Dibromochloromethane
Concen: 54.457 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

Tgt Ion: 129 Resp: 377845
Ion Ratio Lower Upper
129 100
127 75.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 50.746 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

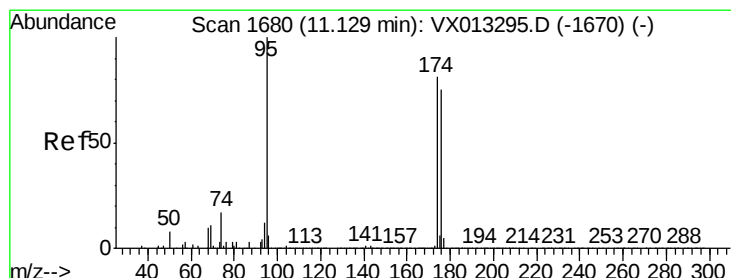
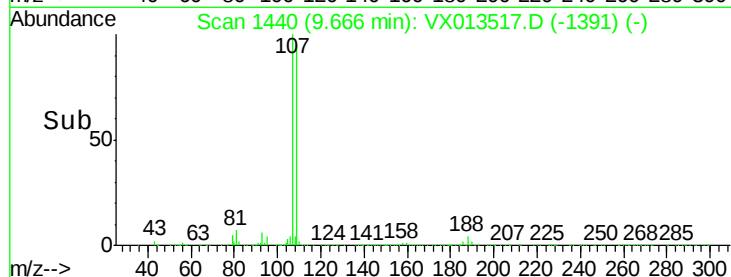
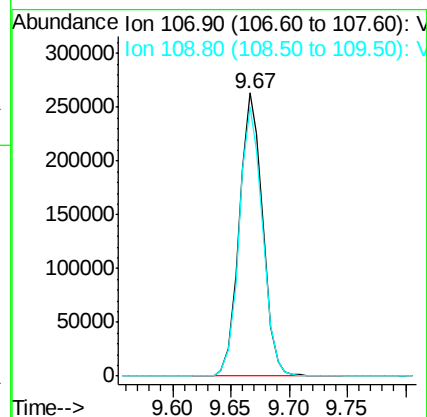
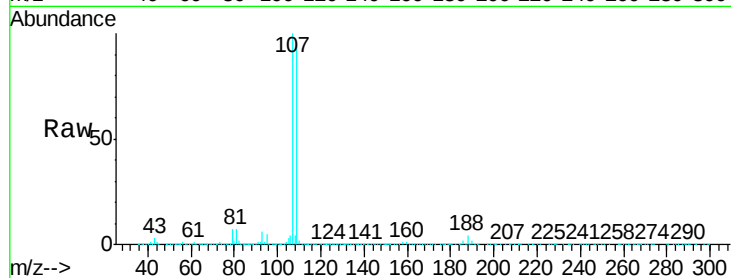
15BR-20191120MSD

Tgt Ion: 107 Resp: 365577

Ion Ratio Lower Upper

107 100

109 95.6 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 48.068 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

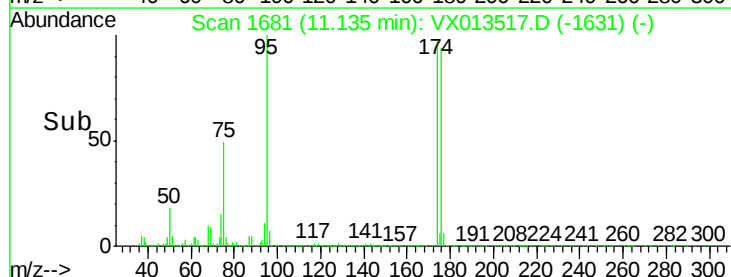
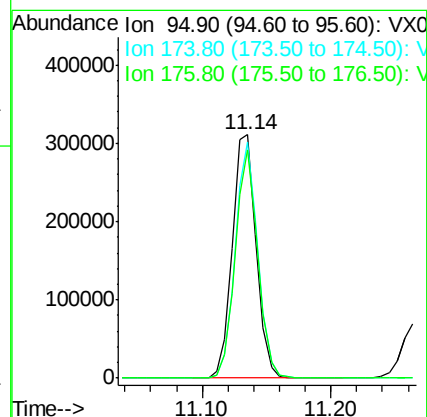
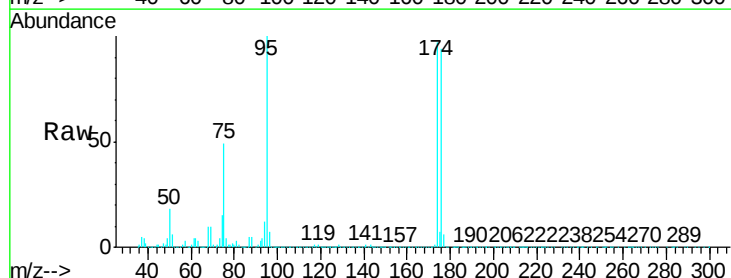
Tgt Ion: 95 Resp: 405377

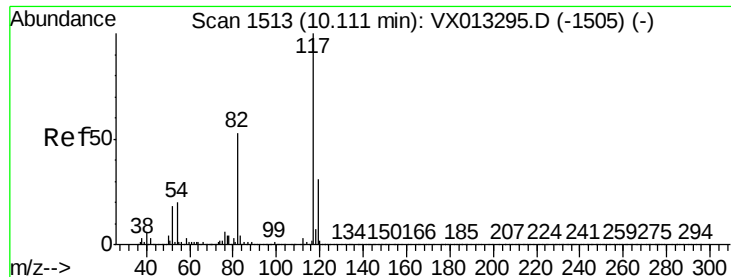
Ion Ratio Lower Upper

95 100

174 91.1 0.0 179.8

176 88.1 0.0 173.0

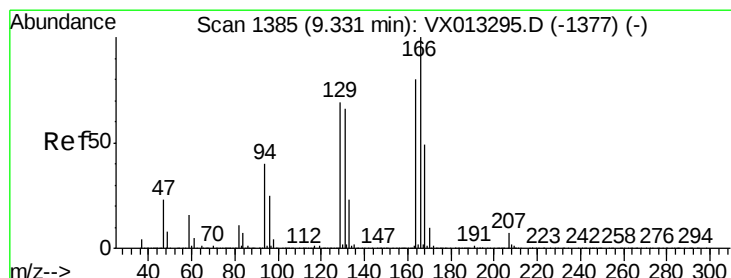
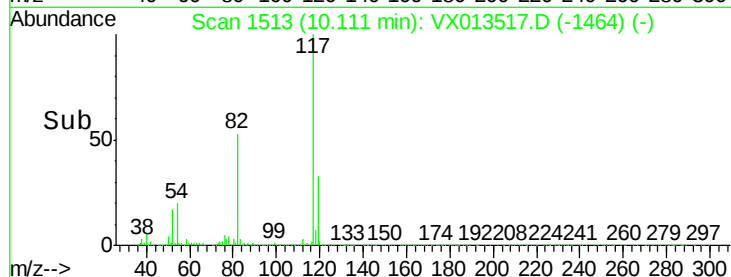
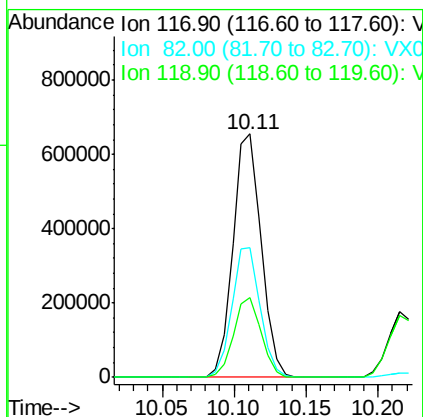
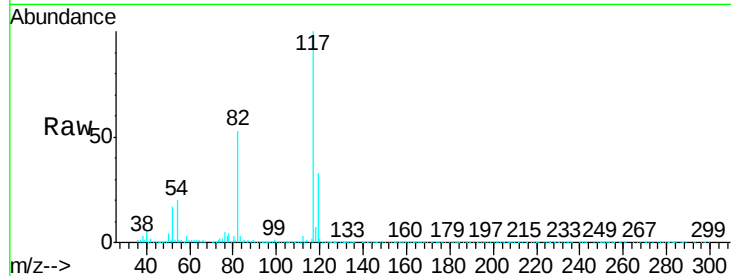




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

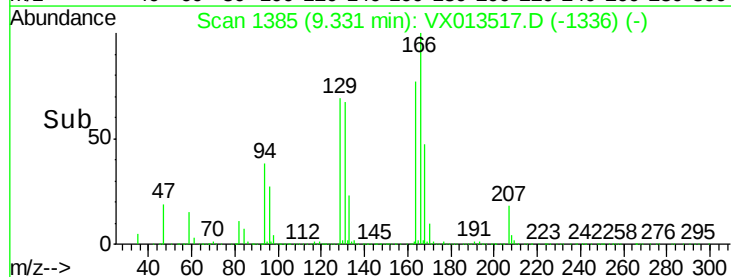
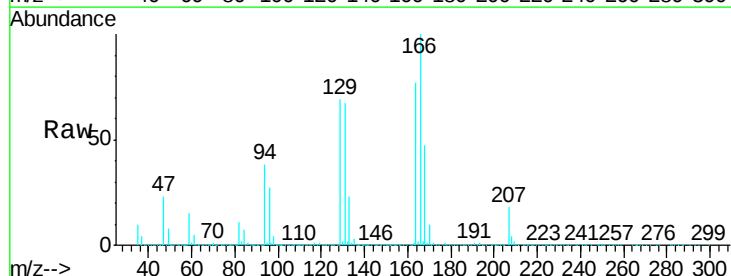
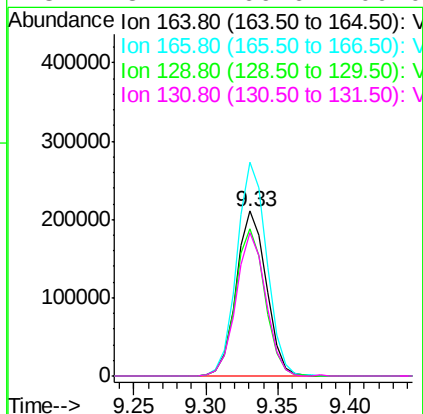
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MSD

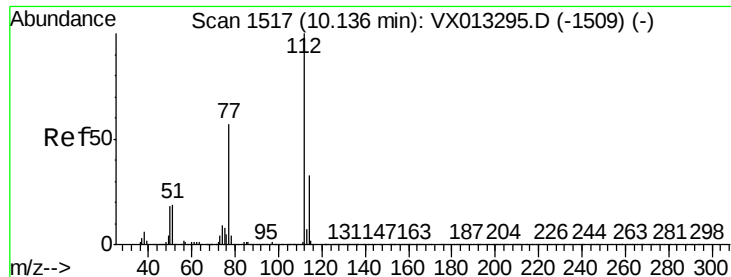
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.6	64.0
119	32.6	24.8	37.2



#64
Tetrachloroethene
Concen: 47.347 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	100.4	150.6
129	89.7	69.4	104.2
131	87.1	66.6	100.0





#65

Chlorobenzene

Concen: 49.868 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

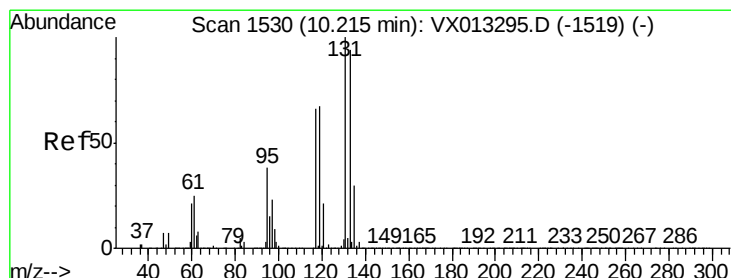
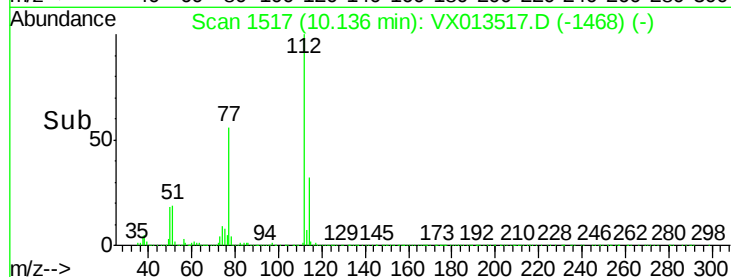
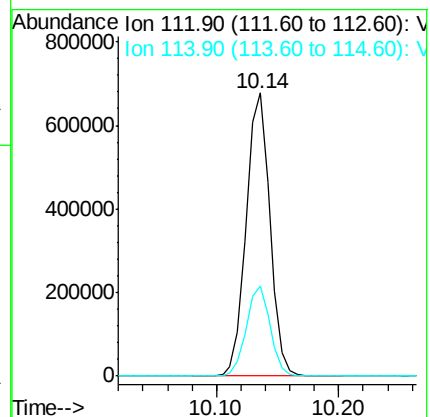
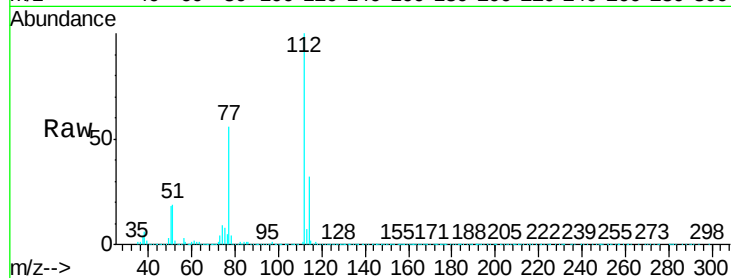
15BR-20191120MSD

Tgt Ion:112 Resp: 909056

Ion Ratio Lower Upper

112 100

114 32.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.981 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

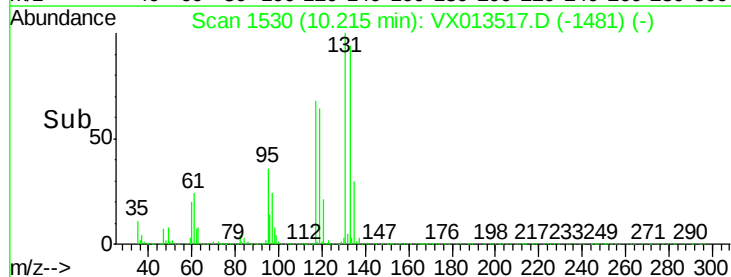
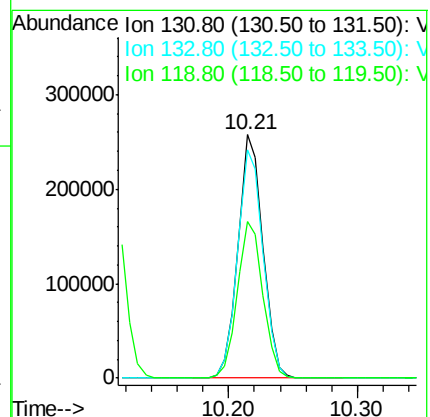
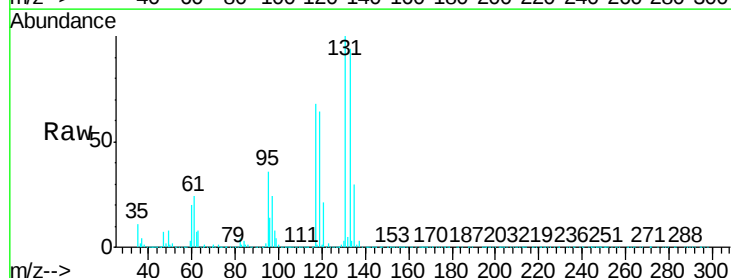
Tgt Ion:131 Resp: 347928

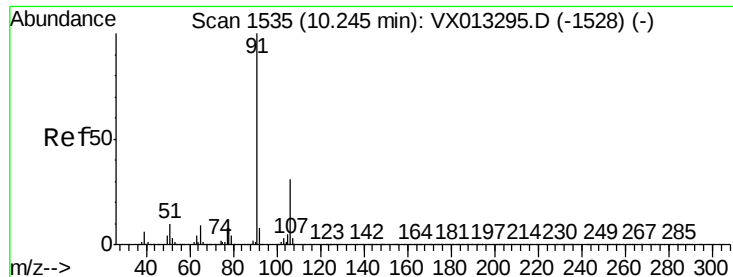
Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.0

119 65.4 33.0 99.0





#67

Ethyl Benzene

Concen: 50.216 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

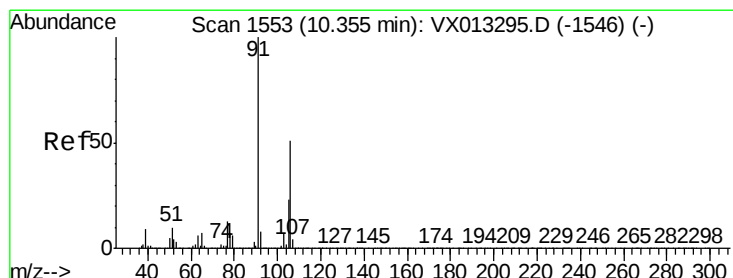
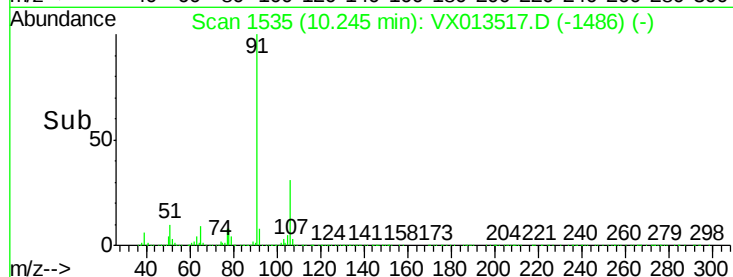
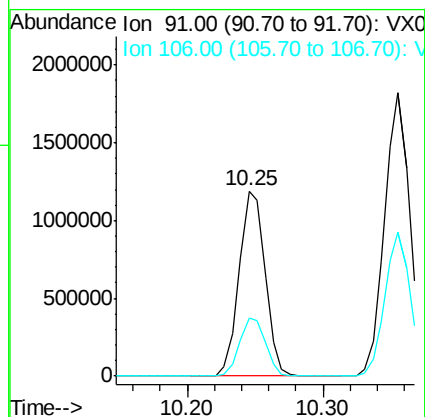
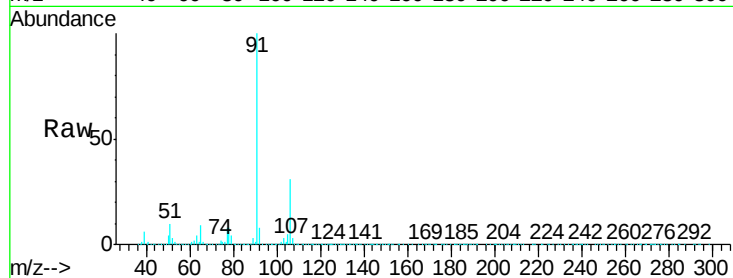
15BR-20191120MSD

Tgt Ion: 91 Resp: 1579896

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 100.735 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013517.D

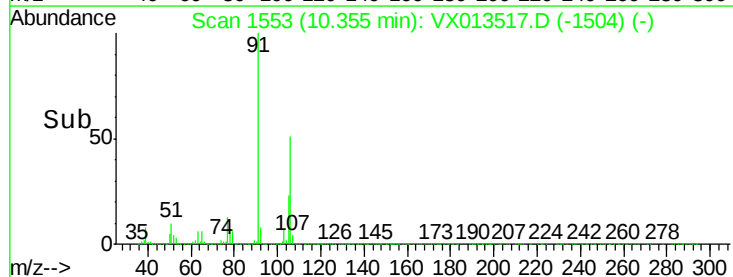
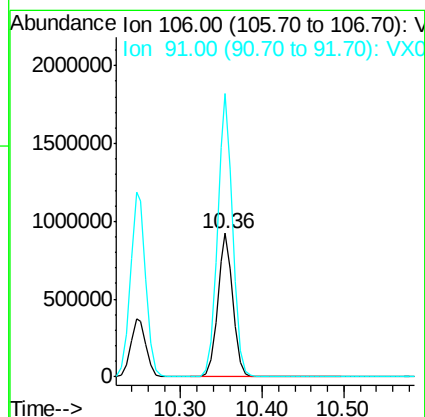
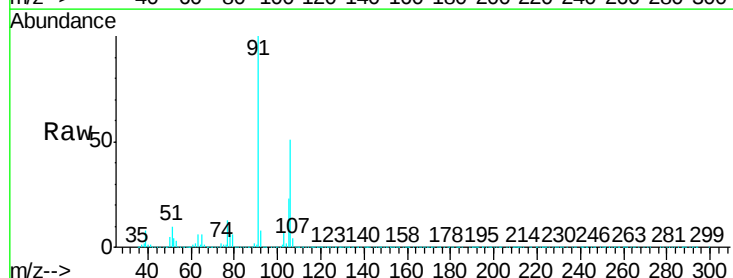
Acq: 21 Nov 2019 20:40

Tgt Ion: 106 Resp: 1198607

Ion Ratio Lower Upper

106 100

91 197.7 159.3 238.9

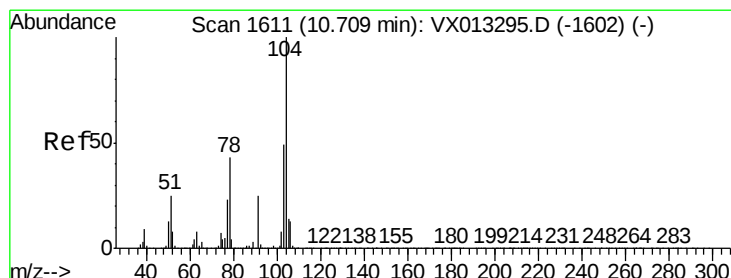
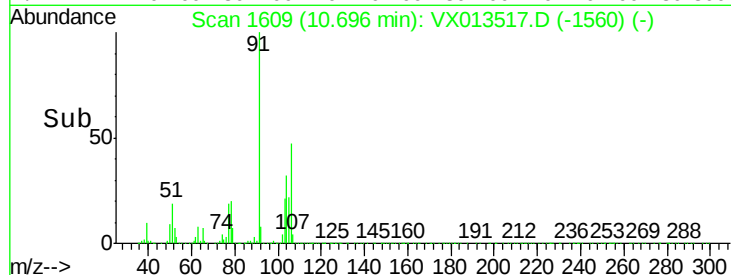
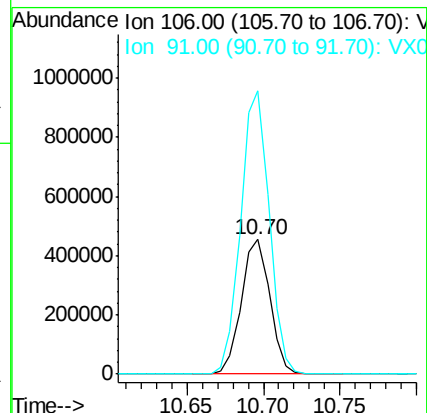
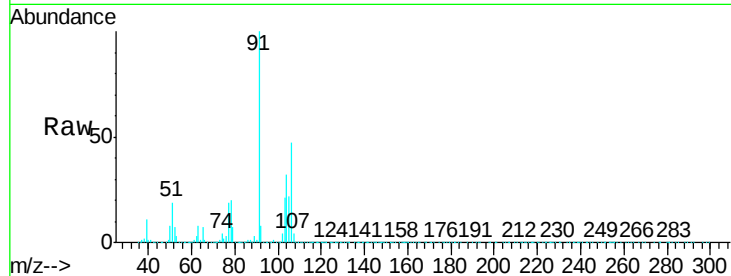




#69
o-Xylene
Concen: 50.487 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

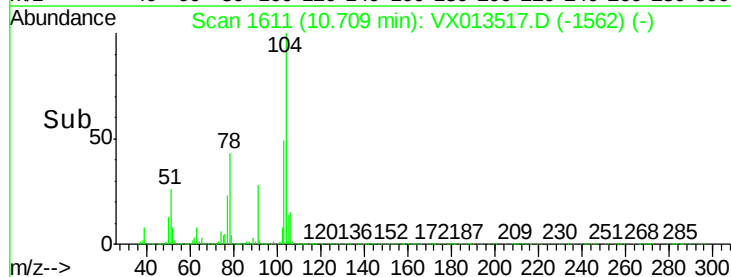
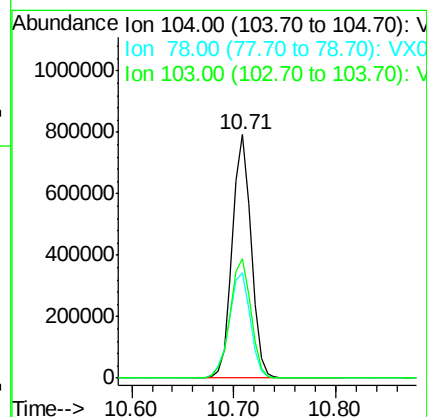
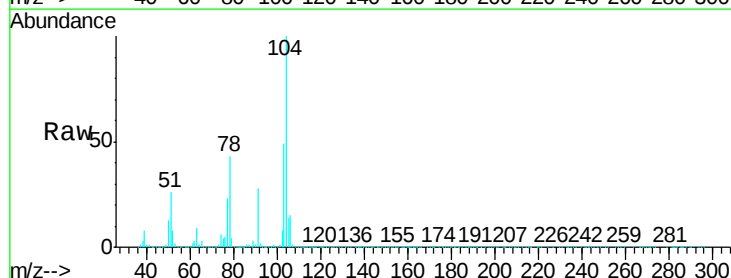
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MSD

Tgt Ion:106 Resp: 588127
Ion Ratio Lower Upper
106 100
91 210.0 105.7 317.0



#70
Styrene
Concen: 51.936 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

Tgt Ion:104 Resp: 1011338
Ion Ratio Lower Upper
104 100
78 48.8 40.0 60.0
103 54.5 44.1 66.1

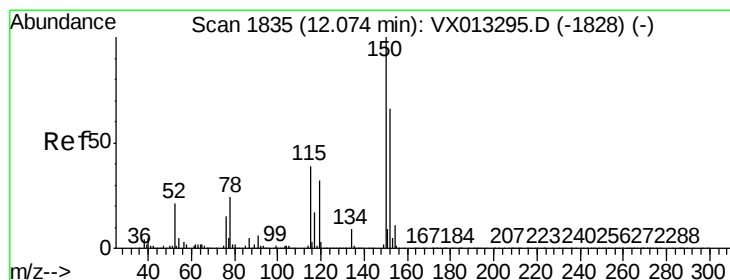
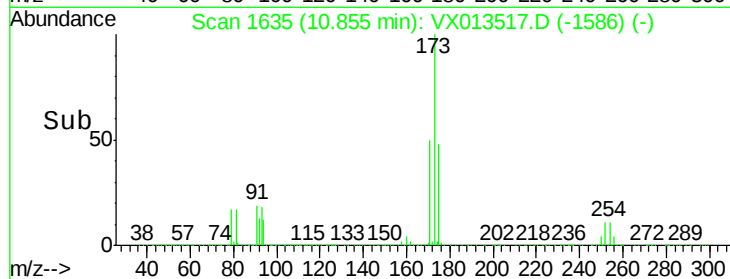
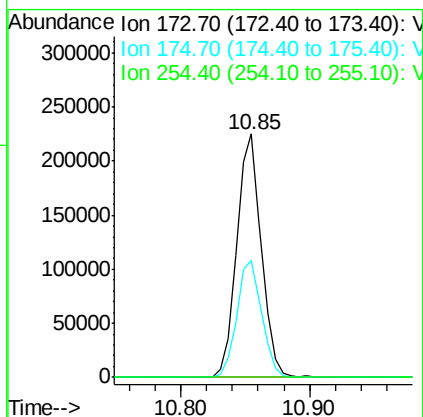
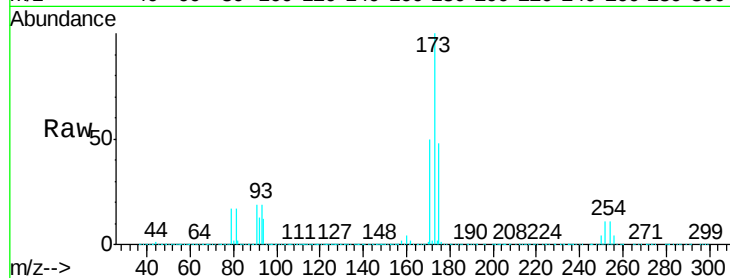




#71
Bromoform
Concen: 47.787 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

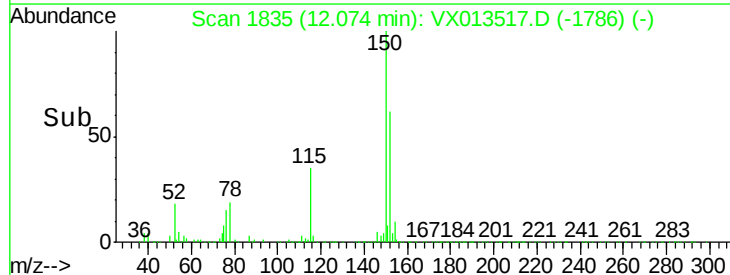
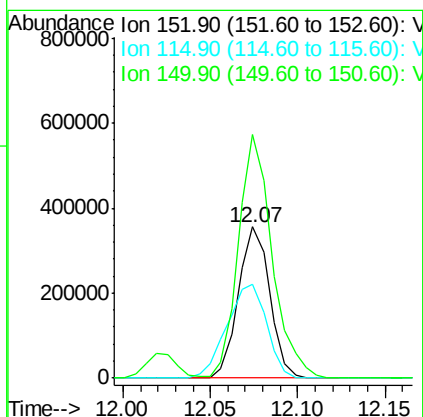
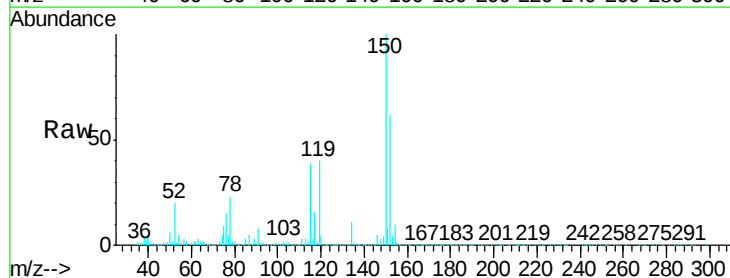
Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MSD

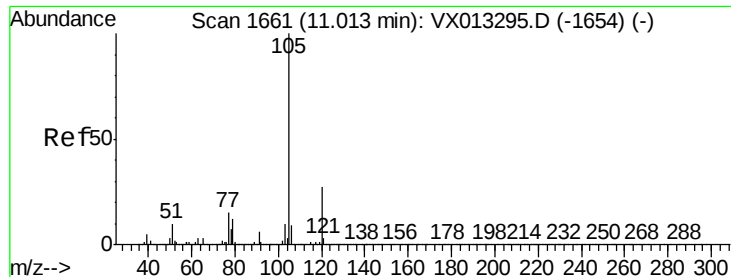
Tgt Ion:173 Resp: 295629
Ion Ratio Lower Upper
173 100
175 49.1 24.8 74.4
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

Tgt Ion:152 Resp: 442941
Ion Ratio Lower Upper
152 100
115 78.4 39.5 118.3
150 173.4 0.0 344.4





#73

Isopropylbenzene

Concen: 53.173 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

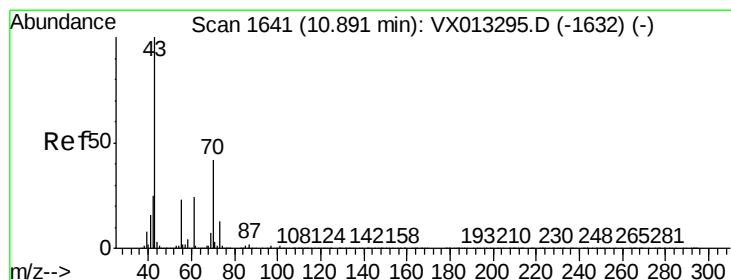
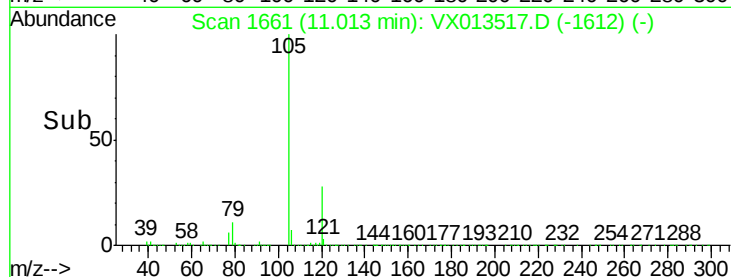
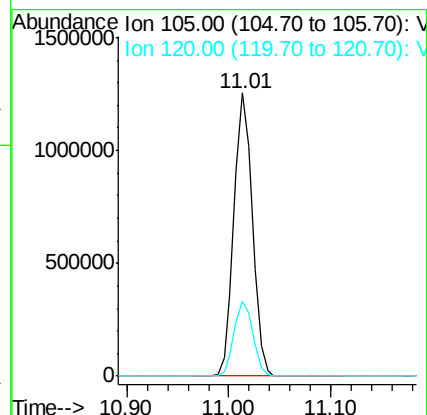
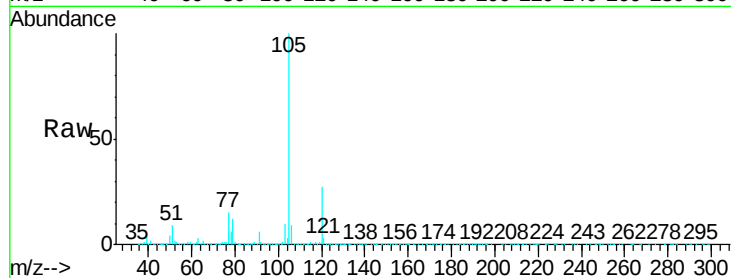
15BR-20191120MSD

Tgt Ion: 105 Resp: 1561551

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



#74

N-ethyl acetate

Concen: 52.383 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Tgt Ion: 43 Resp: 713375

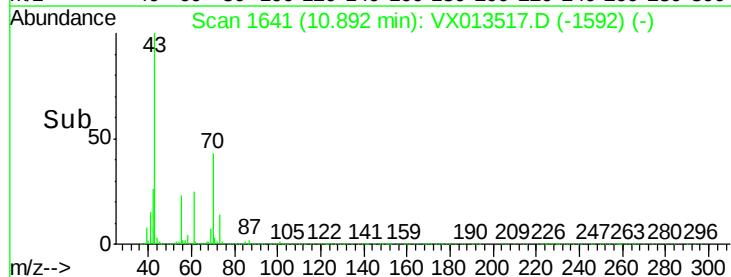
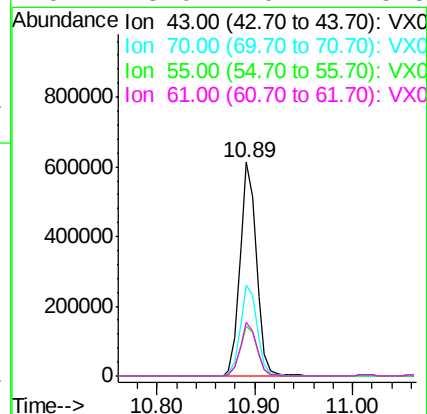
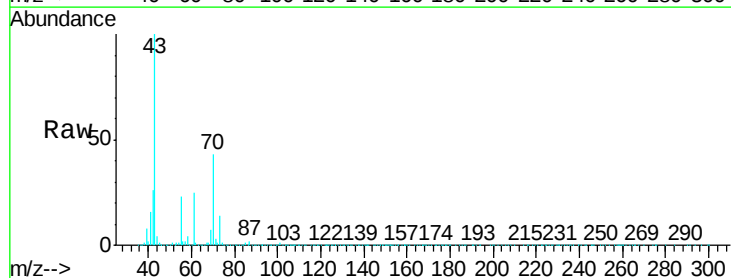
Ion Ratio Lower Upper

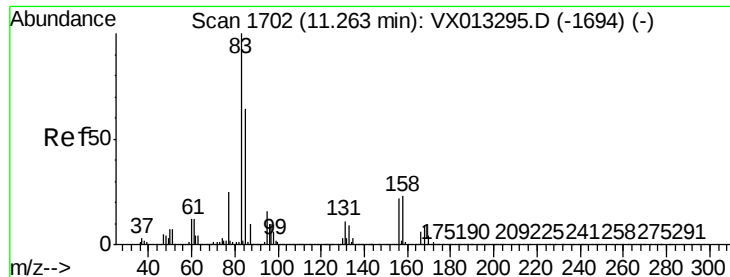
43 100

70 43.3 34.1 51.1

55 24.1 18.9 28.3

61 25.0 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 54.178 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MSD

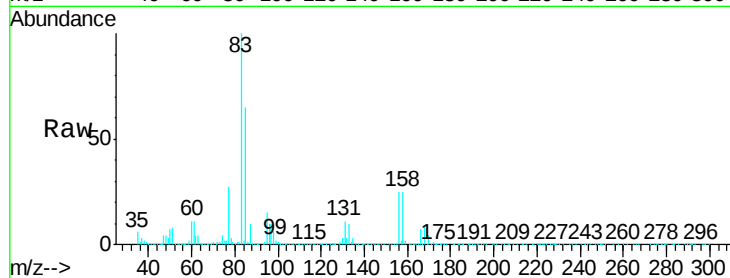
Tgt Ion: 83 Resp: 580448

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

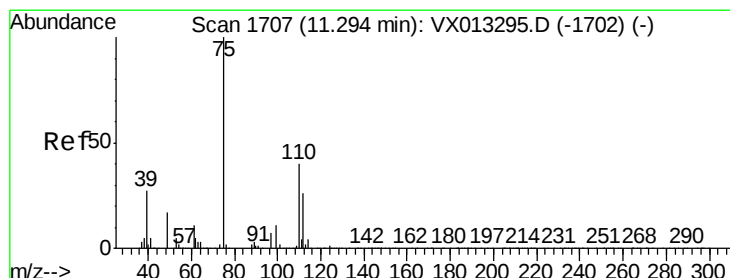
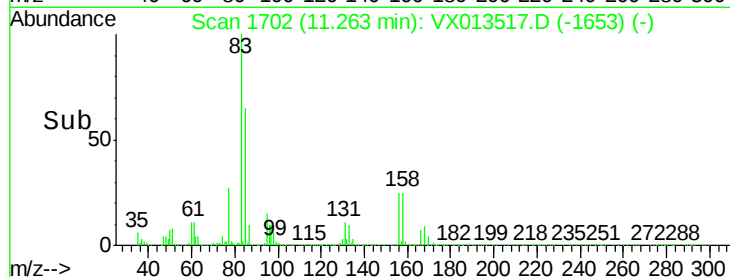
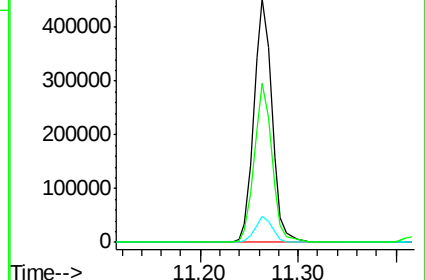
85 64.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 71.829 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013517.D

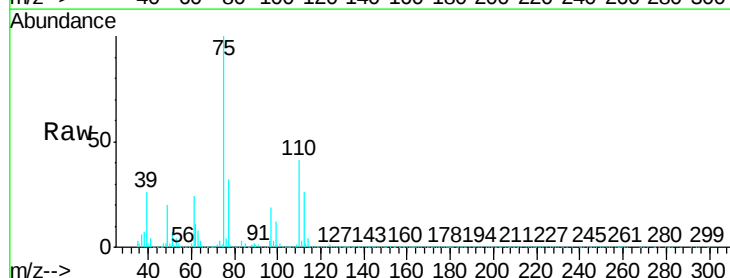
Acq: 21 Nov 2019 20:40

Tgt Ion: 75 Resp: 646228

Ion Ratio Lower Upper

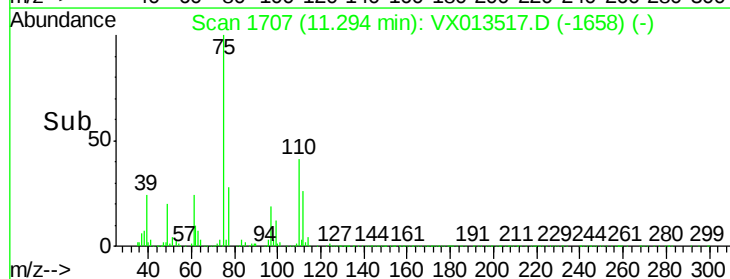
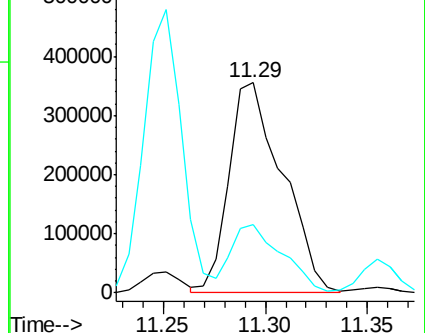
75 100

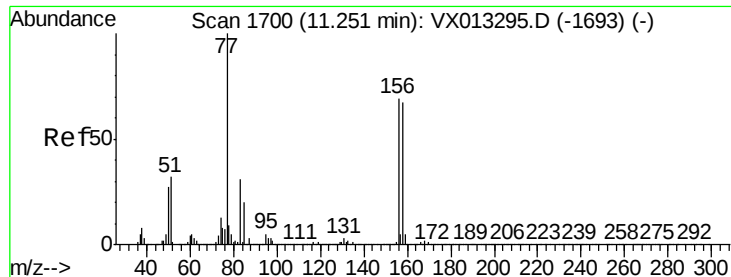
77 30.9 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.117 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MSD

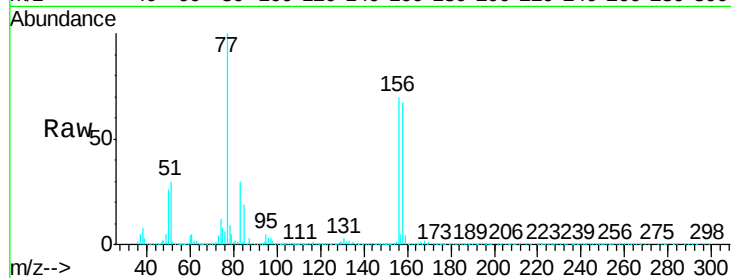
Tgt Ion:156 Resp: 415851

Ion Ratio Lower Upper

156 100

77 149.2 75.8 227.4

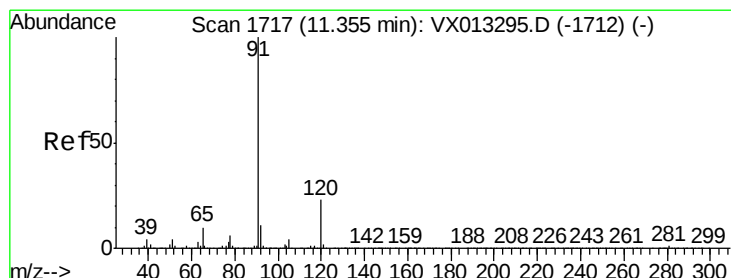
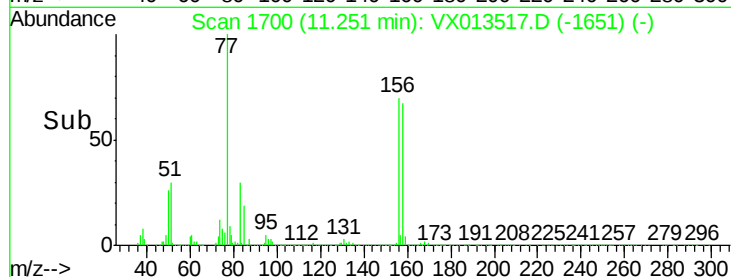
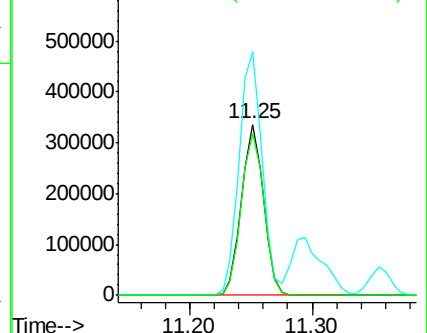
158 97.7 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.947 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013517.D

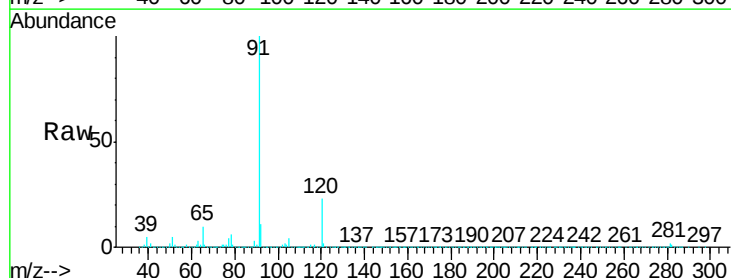
Acq: 21 Nov 2019 20:40

Tgt Ion: 91 Resp: 1732090

Ion Ratio Lower Upper

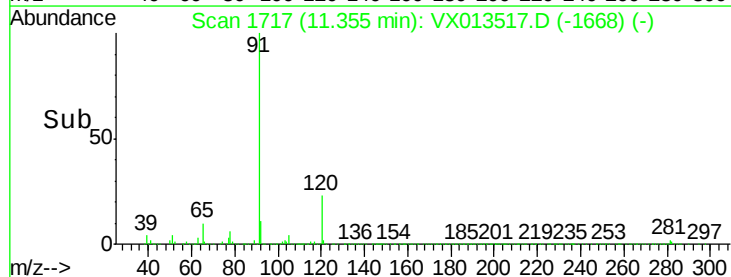
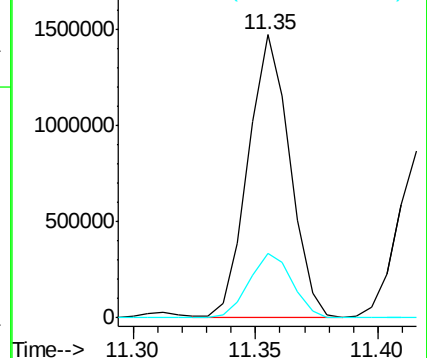
91 100

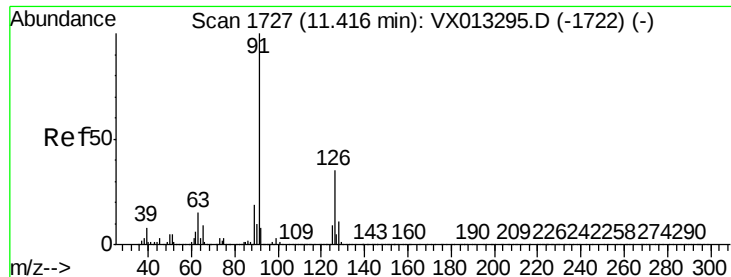
120 23.7 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.962 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

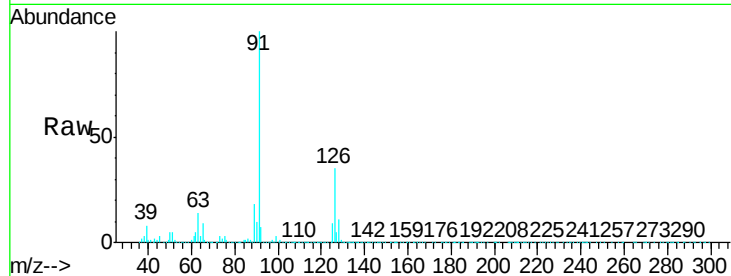
15BR-20191120MSD

Tgt Ion: 91 Resp: 1043887

Ion Ratio Lower Upper

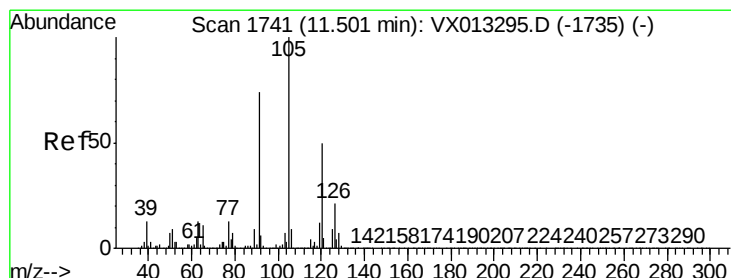
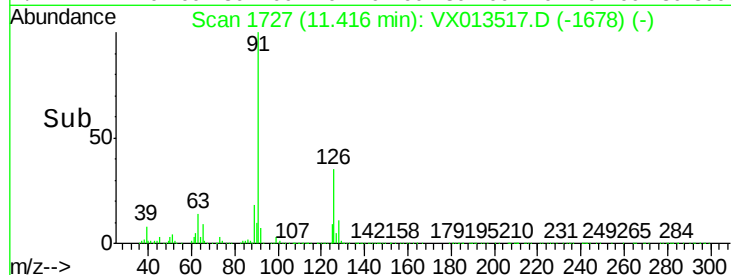
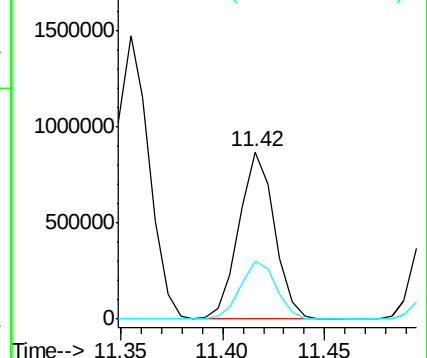
91 100

126 35.2 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.084 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013517.D

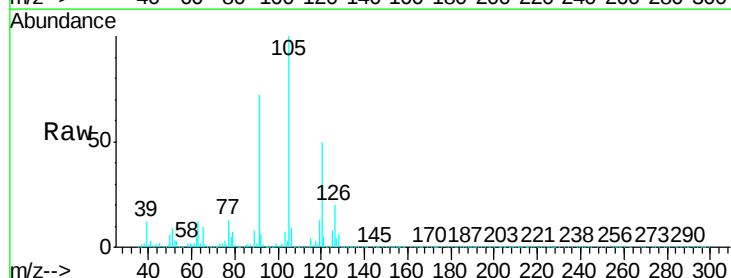
Acq: 21 Nov 2019 20:40

Tgt Ion: 105 Resp: 1298534

Ion Ratio Lower Upper

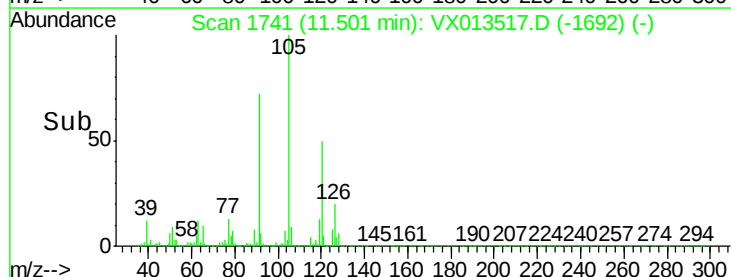
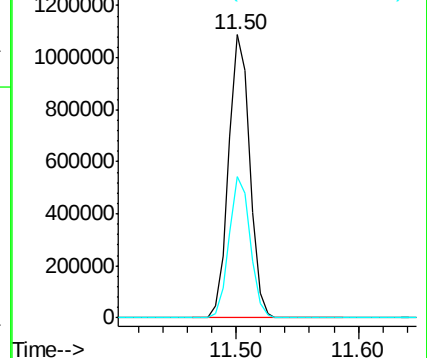
105 100

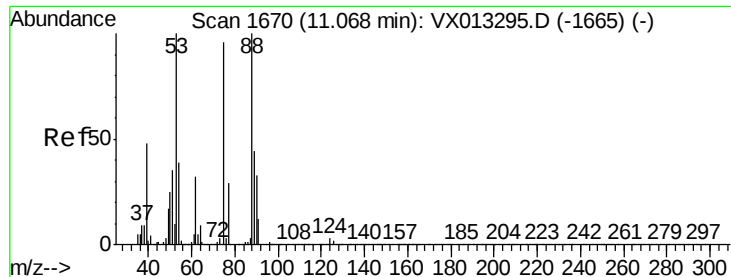
120 50.0 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 52.404 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MSD

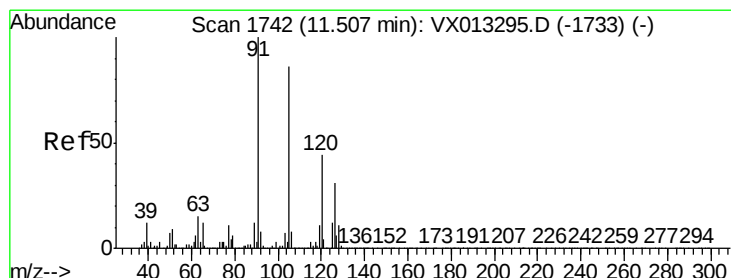
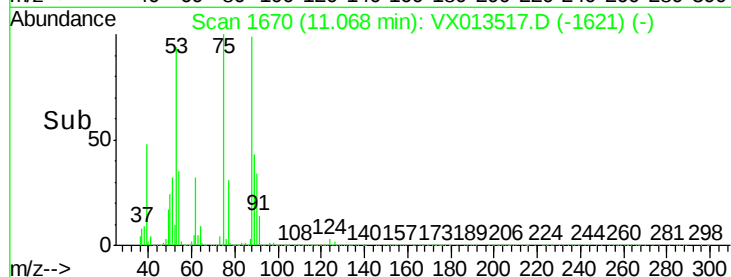
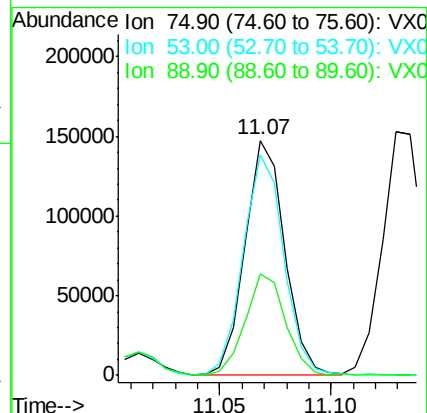
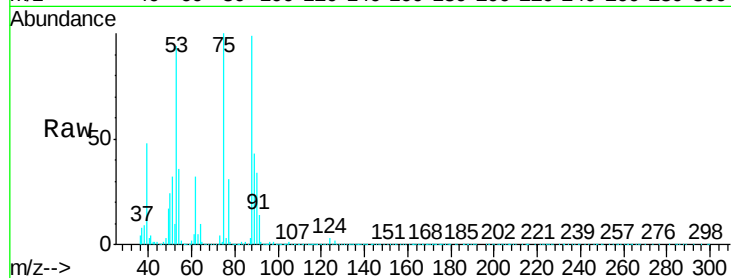
Tgt Ion: 75 Resp: 183166

Ion Ratio Lower Upper

75 100

53 95.8 81.0 121.6

89 44.2 36.0 54.0



#82

4-Chlorotoluene

Concen: 51.974 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013517.D

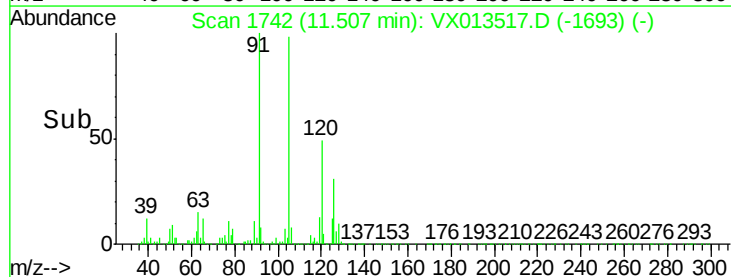
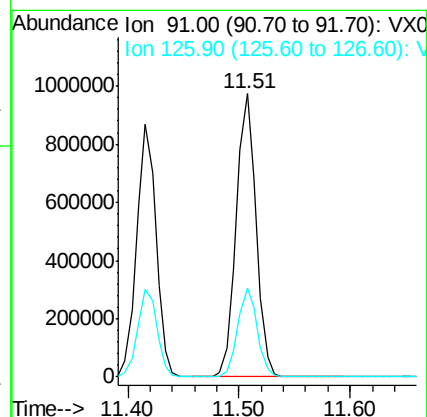
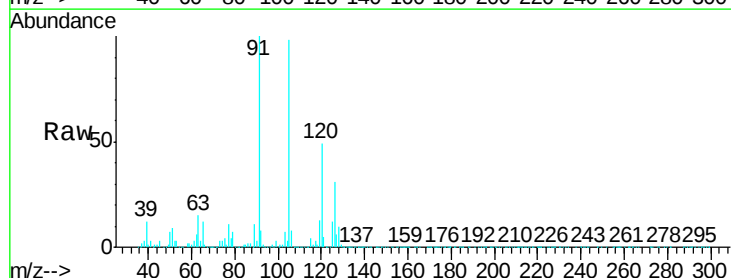
Acq: 21 Nov 2019 20:40

Tgt Ion: 91 Resp: 1199172

Ion Ratio Lower Upper

91 100

126 30.9 15.3 45.8

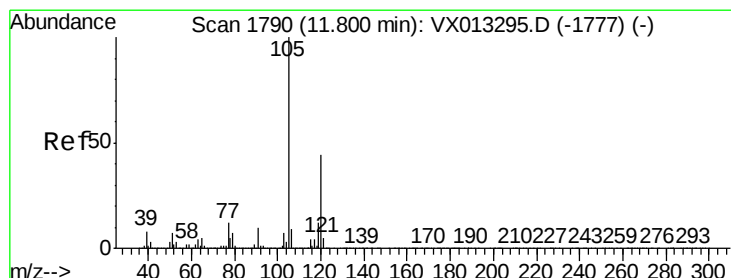
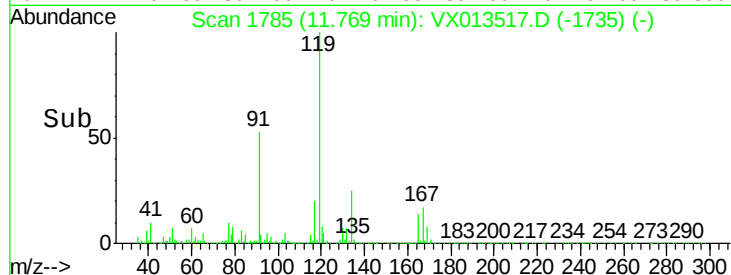
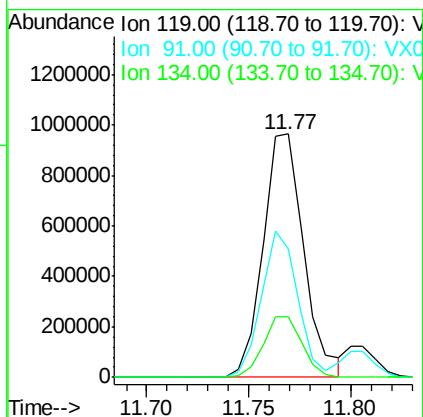
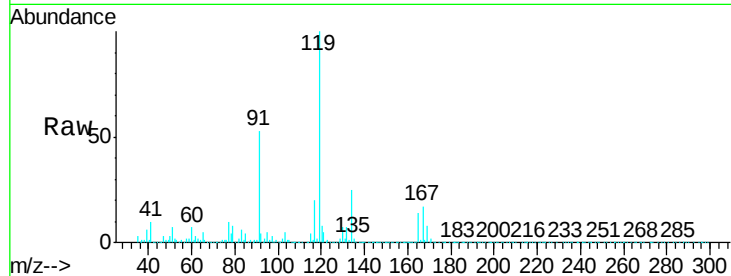




#83
 tert-Butylbenzene
 Concen: 54.567 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: VX013517.D
 Acq: 21 Nov 2019 20:40

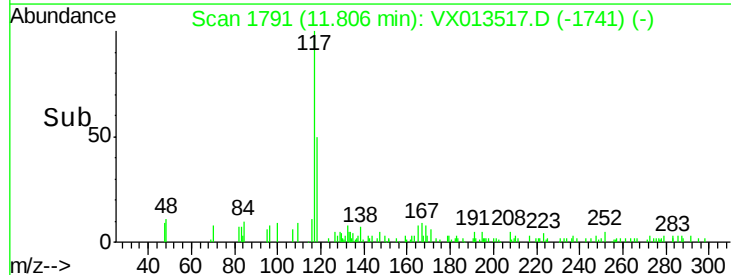
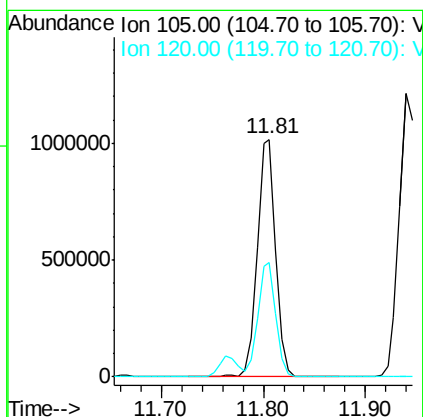
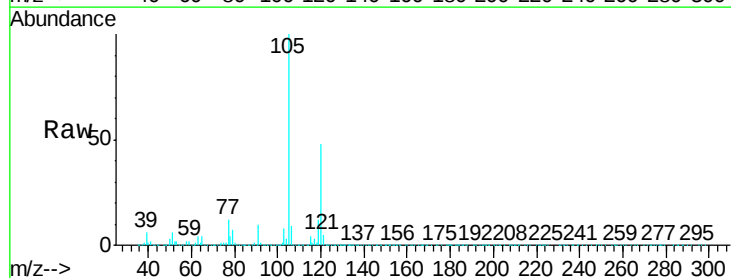
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20191120MSD

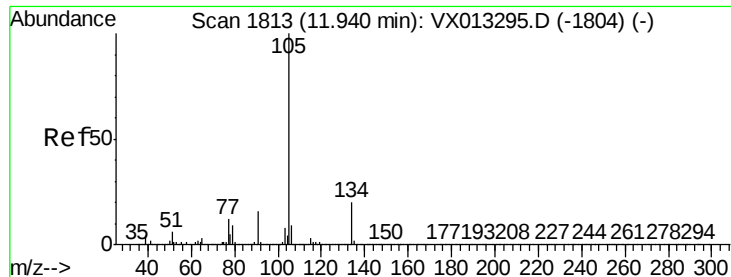
Tgt Ion:119 Resp: 1343666
 Ion Ratio Lower Upper
 119 100
 91 53.4 26.9 80.7
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.571 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX013517.D
 Acq: 21 Nov 2019 20:40

Tgt Ion:105 Resp: 1290023
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 52.997 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

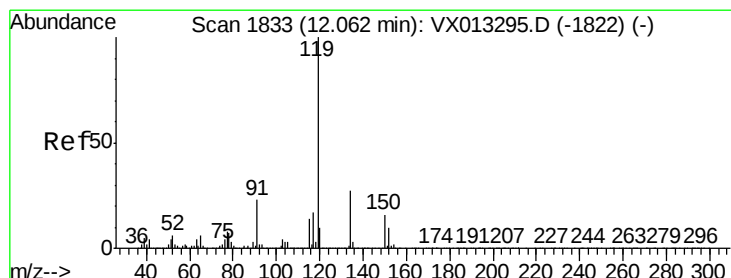
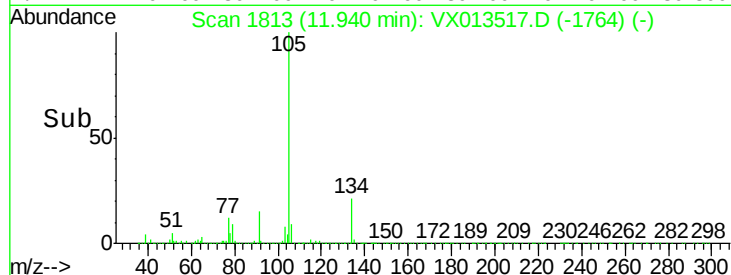
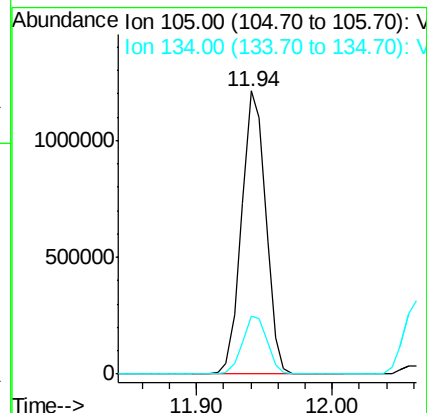
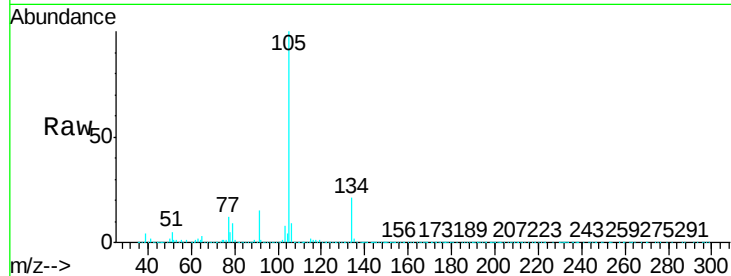
15BR-20191120MSD

Tgt Ion:105 Resp: 1499850

Ion Ratio Lower Upper

105 100

134 21.1 10.3 30.9



#86

p-Isopropyltoluene

Concen: 52.864 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

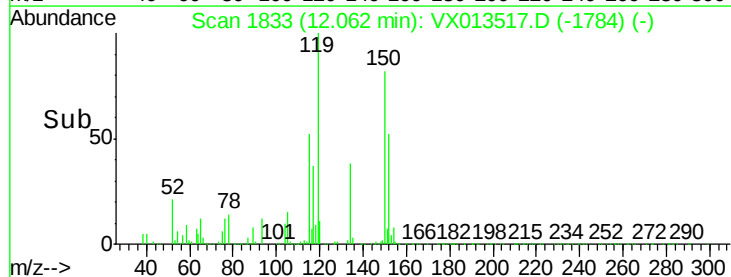
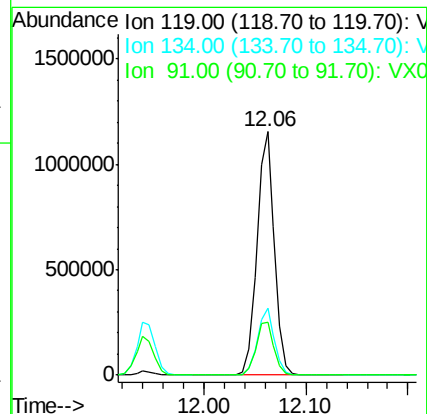
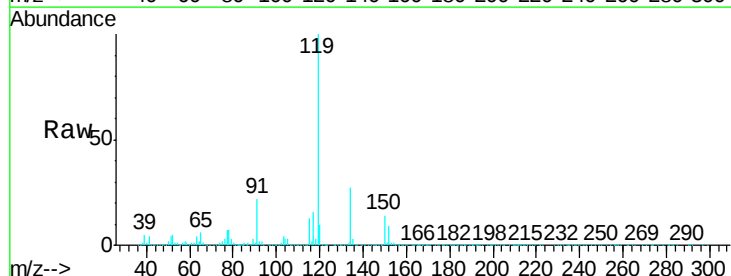
Tgt Ion:119 Resp: 1377621

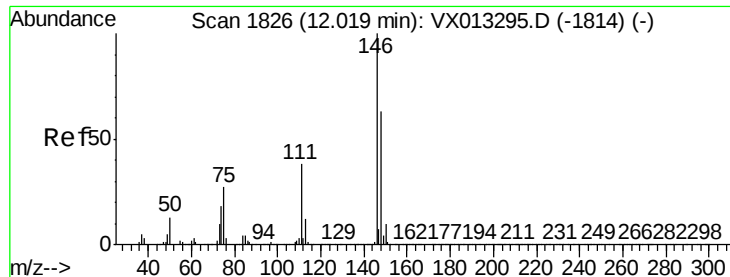
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.5 11.5 34.4

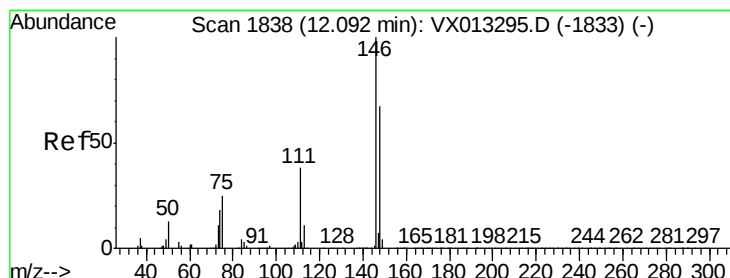
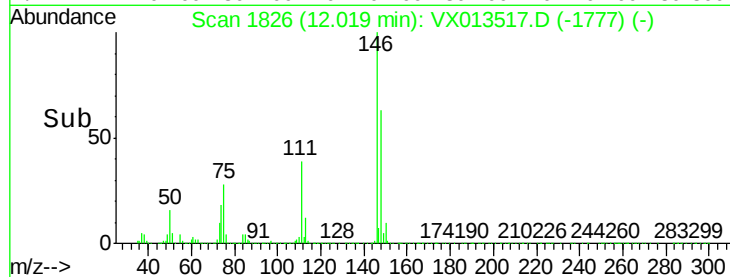
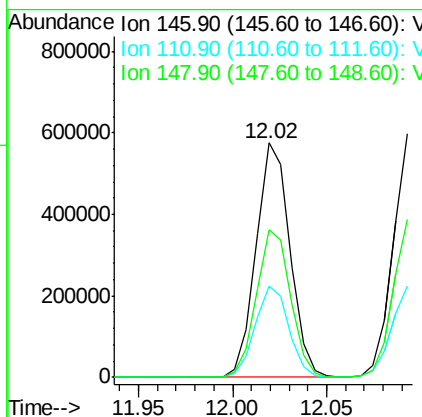
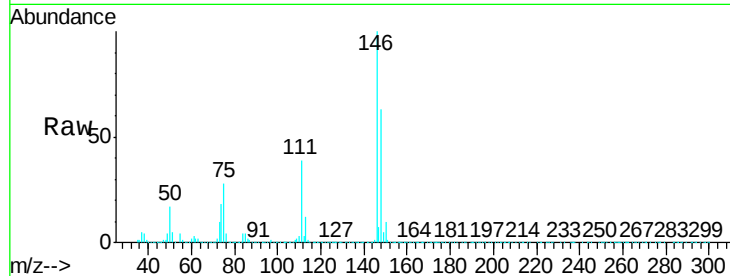




#87
 1,3-Dichlorobenzene
 Concen: 51.476 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013517.D
 Acq: 21 Nov 2019 20:40

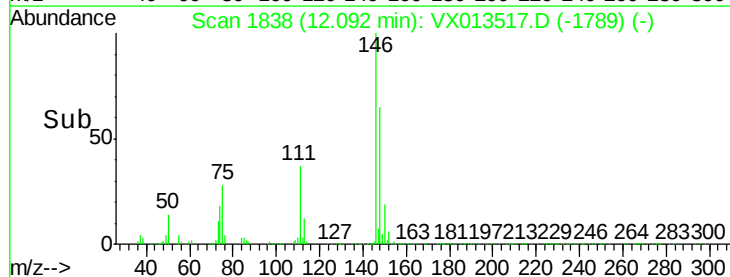
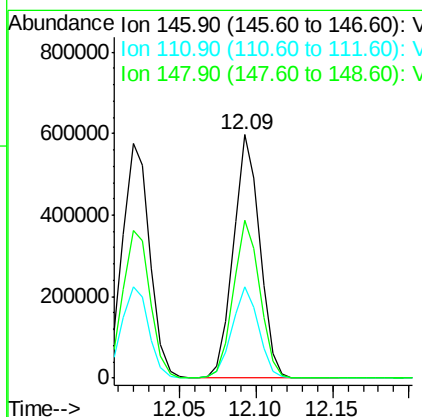
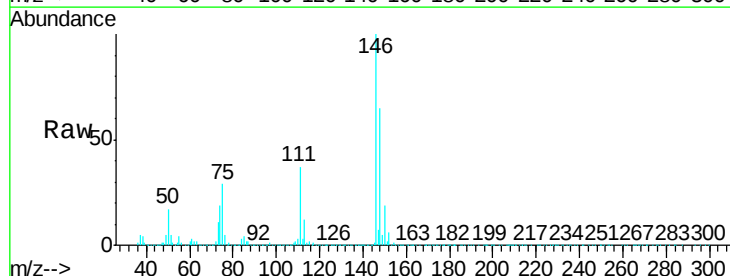
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20191120MSD

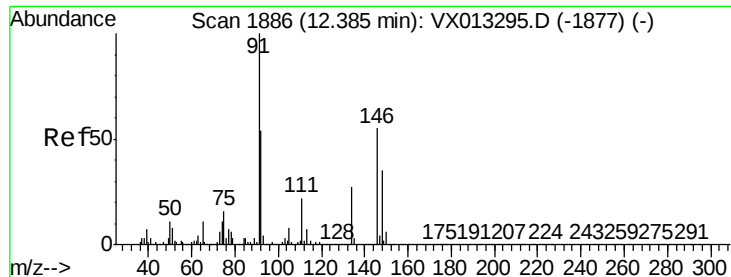
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.5
148	63.5	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.998 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013517.D
 Acq: 21 Nov 2019 20:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.4
148	64.9	32.4	97.0





#89

n-Butylbenzene

Concen: 50.643 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MSD

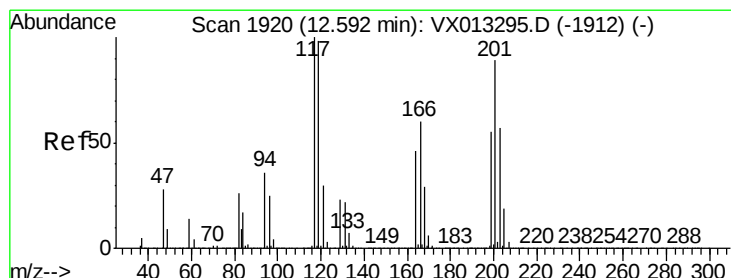
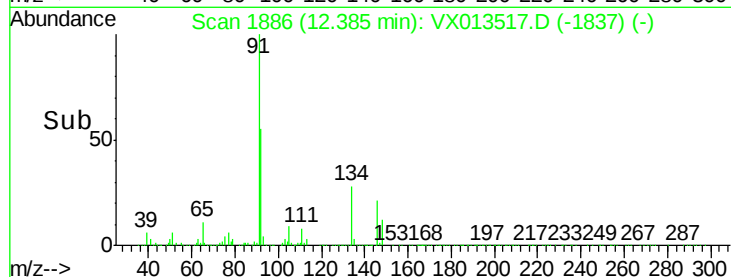
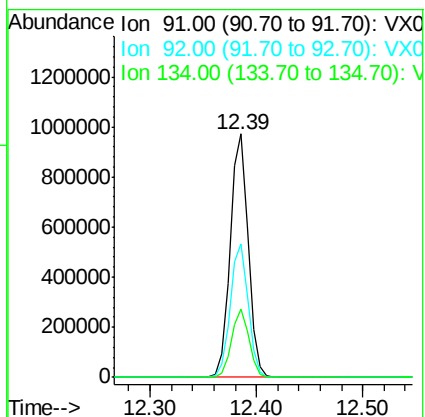
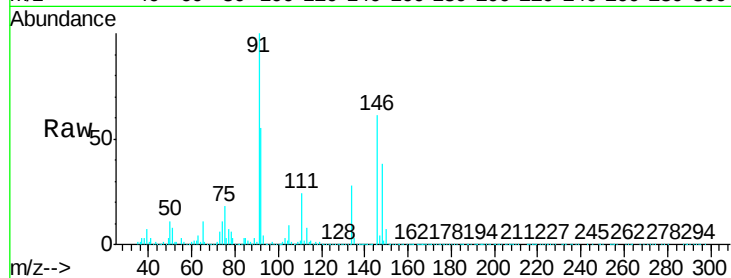
Tgt Ion: 91 Resp: 1151565

Ion Ratio Lower Upper

91 100

92 54.6 27.3 81.8

134 27.4 13.5 40.5



#90

Hexachloroethane

Concen: 54.717 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013517.D

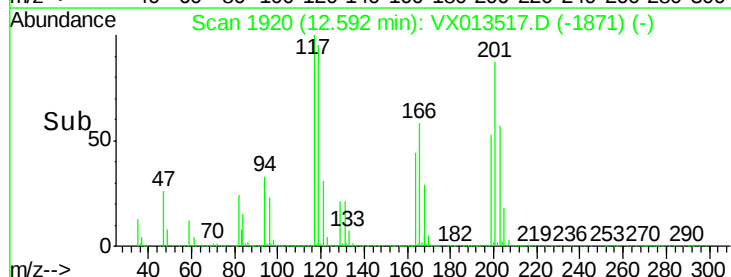
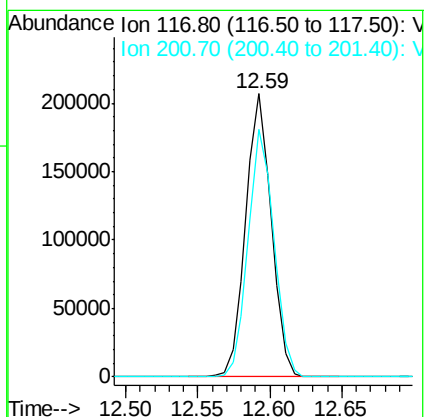
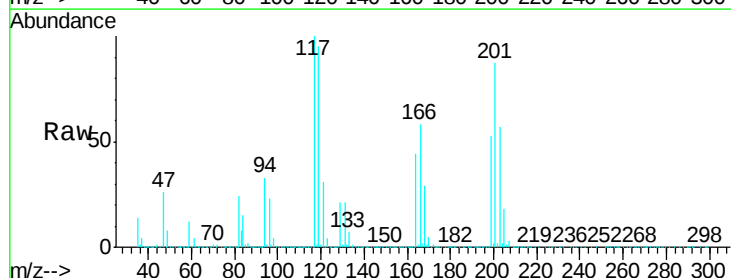
Acq: 21 Nov 2019 20:40

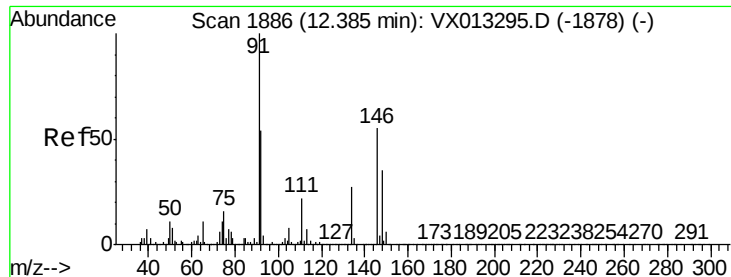
Tgt Ion: 117 Resp: 254054

Ion Ratio Lower Upper

117 100

201 87.8 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 52.660 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120MSD

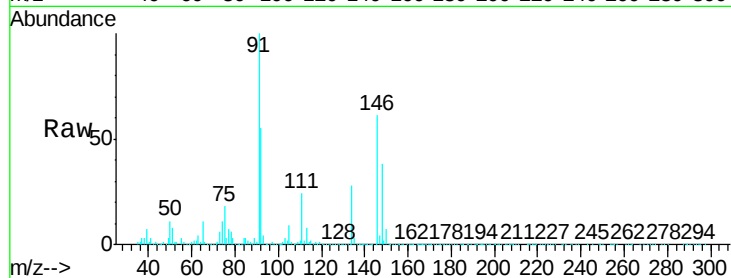
Tgt Ion: 146 Resp: 734599

Ion Ratio Lower Upper

146 100

111 39.5 20.1 60.2

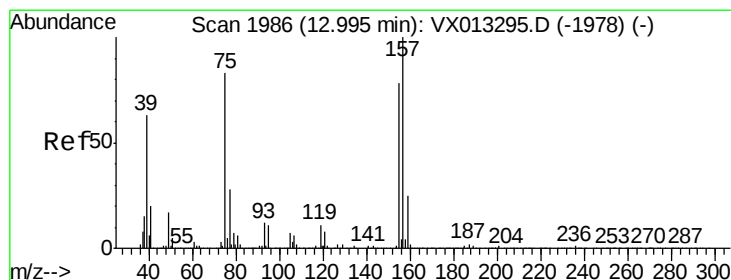
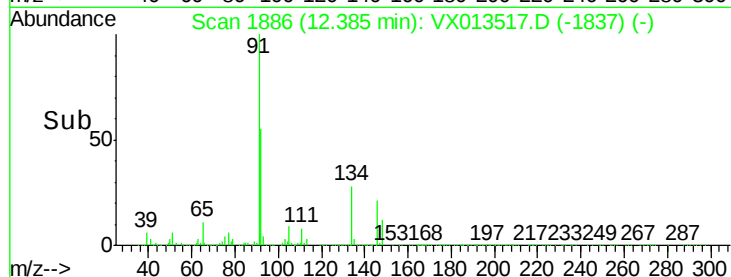
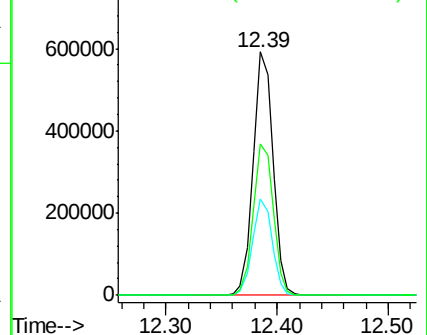
148 63.1 32.0 96.0



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: 49.292 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013517.D

Acq: 21 Nov 2019 20:40

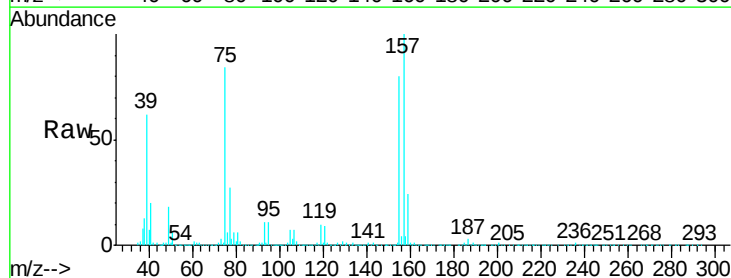
Tgt Ion: 75 Resp: 128662

Ion Ratio Lower Upper

75 100

155 96.3 47.1 141.4

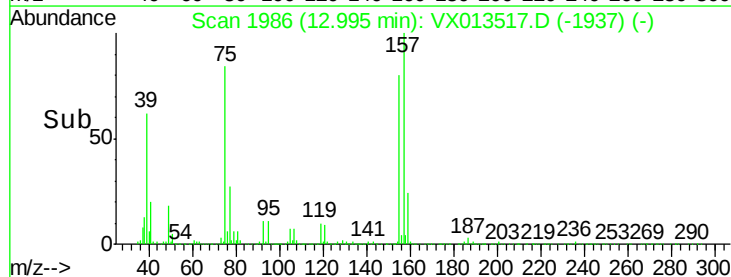
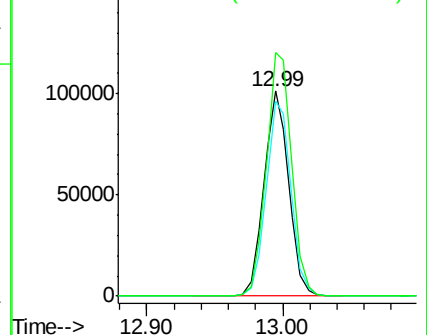
157 122.5 61.3 183.8

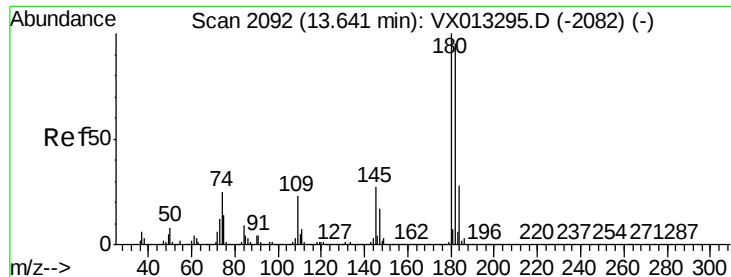


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

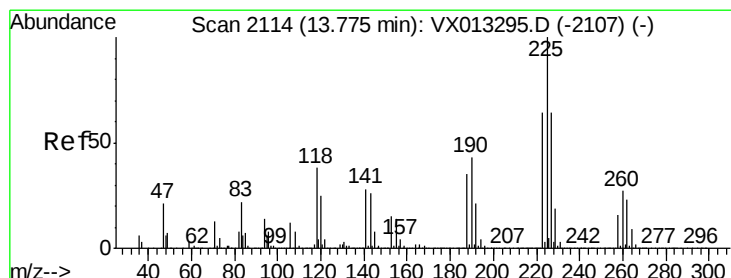
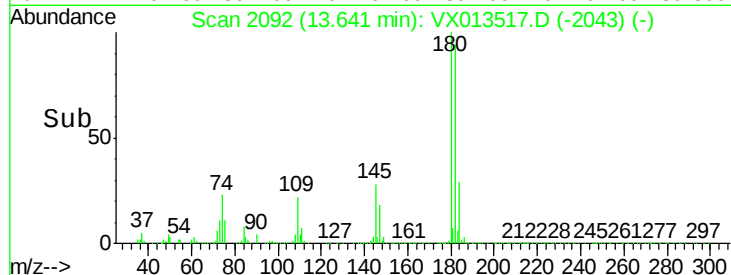
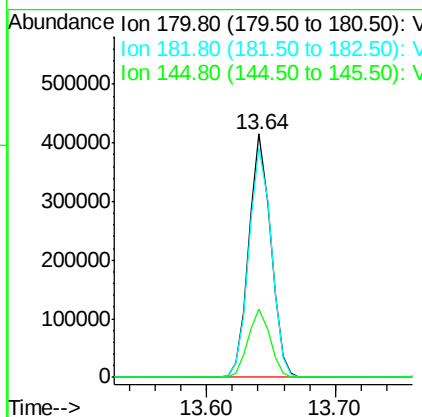
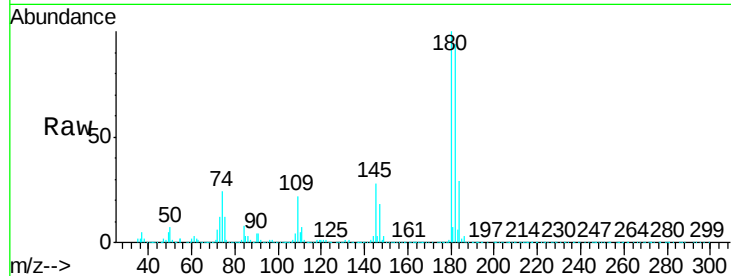




#93
 1,2,4-Trichlorobenzene
 Concen: 49.697 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013517.D
 Acq: 21 Nov 2019 20:40

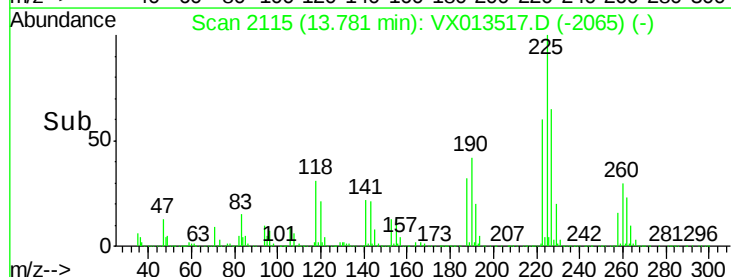
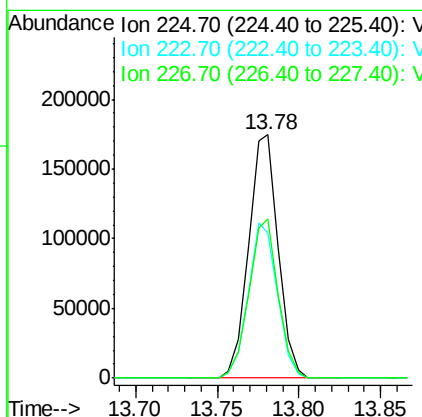
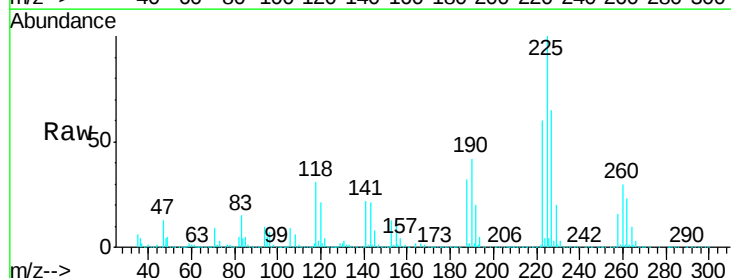
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20191120MSD

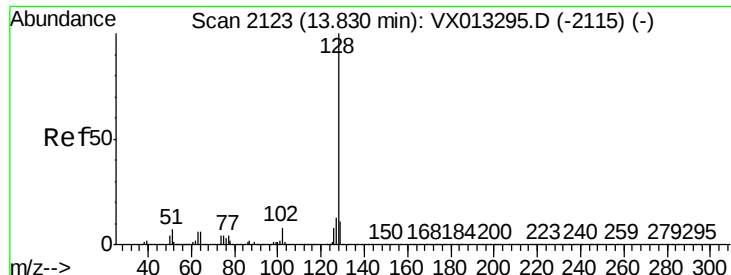
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.4	145.0
145	28.2	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 46.308 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013517.D
 Acq: 21 Nov 2019 20:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.9	95.7
227	64.6	31.9	95.9

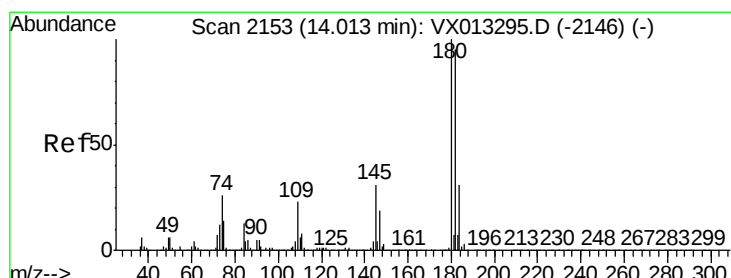
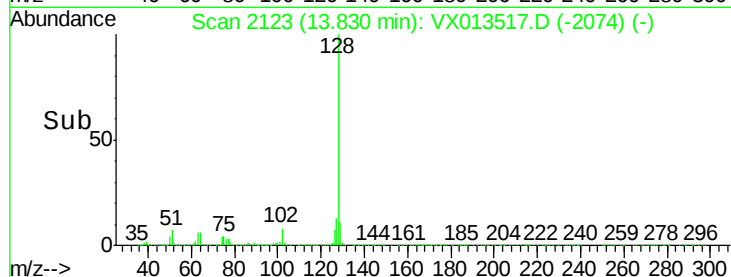
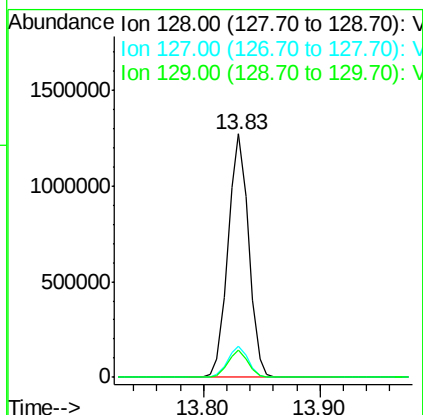
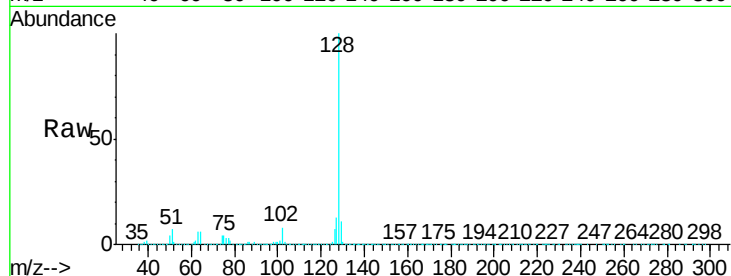




#95
Naphthalene
Concen: 51.151 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120MSD

Tgt Ion:128 Resp: 1561628
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 50.167 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013517.D
Acq: 21 Nov 2019 20:40

Tgt Ion:180 Resp: 489556
Ion Ratio Lower Upper
180 100
182 97.5 48.0 144.2
145 30.5 15.4 46.4

