

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013551.D
 Acq On : 22 Nov 2019 22:57
 Operator : JC/SP
 Sample : VX1122WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS03

Quant Time: Dec 03 07:36:57 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	633769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	966485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	869472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	426373	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	349634	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
35) Dibromofluoromethane	5.49	113	278330	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
50) Toluene-d8	8.71	98	1084969	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
62) 4-Bromofluorobenzene	11.13	95	388517	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	119580	16.376	ug/l	100
3) Chloromethane	1.32	50	138038	17.432	ug/l	99
4) Vinyl Chloride	1.40	62	160721	17.828	ug/l	97
5) Bromomethane	1.63	94	99509	15.839	ug/l	100
6) Chloroethane	1.72	64	93176	17.301	ug/l	99
7) Trichlorofluoromethane	1.92	101	185849	17.449	ug/l	99
8) Diethyl Ether	2.18	74	88885	18.871	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	115158	19.398	ug/l	100
10) Methyl Iodide	2.50	142	118230	16.086	ug/l	98
11) Tert butyl alcohol	3.03	59	171492	86.657	ug/l	98
12) 1,1-Dichloroethene	2.36	96	111351	19.154	ug/l	96
13) Acrolein	2.28	56	89073	83.048	ug/l	98
14) Allyl chloride	2.72	41	199739	18.910	ug/l	95
15) Acrylonitrile	3.13	53	389010	105.234	ug/l	99
16) Acetone	2.43	43	370678	98.979	ug/l	97
17) Carbon Disulfide	2.56	76	250151	16.077	ug/l	100
18) Methyl Acetate	2.76	43	240153	23.227	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	406294	20.954	ug/l	99
20) Methylene Chloride	2.84	84	132541	19.155	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	121810	19.244	ug/l	99
22) Diisopropyl ether	3.84	45	426505	20.915	ug/l	91
23) Vinyl Acetate	3.80	43	858204	49.181	ug/l	98
24) 1,1-Dichloroethane	3.69	63	232415	20.373	ug/l	99
25) 2-Butanone	4.65	43	559701	101.875	ug/l	99
26) 2,2-Dichloropropane	4.58	77	148513	16.365	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	147389	20.786	ug/l	97
28) Bromochloromethane	5.00	49	69560	21.475	ug/l	98
29) Tetrahydrofuran	5.11	42	349921	103.354	ug/l	100
30) Chloroform	5.20	83	225246	19.996	ug/l	99
31) Cyclohexane	5.57	56	188954	18.407	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	189429	19.540	ug/l	99
36) 1,1-Dichloropropene	5.79	75	163330	19.699	ug/l	100
37) Ethyl Acetate	4.82	43	203672	19.880	ug/l	99
38) Carbon Tetrachloride	5.78	117	157744	19.456	ug/l	99

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Instrument :
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 VX1122WBS03

Quant Time: Dec 03 07:36:57 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)
39) Methylcyclohexane	7.46	83	189457	18.339	ug/l	96
40) Benzene	6.13	78	516263	19.989	ug/l	99
41) Methacrylonitrile	5.03	41	113798	19.817	ug/l	98
42) 1,2-Dichloroethane	6.19	62	186230	19.990	ug/l	99
43) Isopropyl Acetate	6.44	43	325705	20.416	ug/l	97
44) Trichloroethene	7.20	130	153916	21.650	ug/l	98
45) 1,2-Dichloropropane	7.51	63	137342	20.871	ug/l	96
46) Dibromomethane	7.65	93	90187	20.072	ug/l	98
47) Bromodichloromethane	7.89	83	172423	20.351	ug/l	96
48) Methyl methacrylate	7.76	41	161360	20.262	ug/l	97
49) 1,4-Dioxane	7.73	88	64302	352.578	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1077384	102.932	ug/l	98
52) Toluene	8.78	92	328045	20.493	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	181697	19.612	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	202890	19.577	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	138190	20.828	ug/l	99
56) Ethyl methacrylate	9.17	69	215787	20.018	ug/l	97
57) 1,3-Dichloropropane	9.37	76	234291	20.802	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	425731	93.843	ug/l	99
59) 2-Hexanone	9.48	43	844241	104.374	ug/l	99
60) Dibromochloromethane	9.57	129	137047	20.196	ug/l	100
61) 1,2-Dibromoethane	9.67	107	141967	20.150	ug/l	99
64) Tetrachloroethene	9.33	164	212380	34.121	ug/l	98
65) Chlorobenzene	10.14	112	354507	20.139	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	135663	20.990	ug/l	98
67) Ethyl Benzene	10.25	91	612510	20.161	ug/l	99
68) m/p-Xylenes	10.36	106	465253	40.493	ug/l	99
69) o-Xylene	10.70	106	227501	20.225	ug/l	100
70) Styrene	10.71	104	385407	20.496	ug/l	100
71) Bromoform	10.86	173	104433	19.513	ug/l #	98
73) Isopropylbenzene	11.01	105	618149	21.867	ug/l	100
74) N-amyl acetate	10.89	43	280555	21.402	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	192424	18.658	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	242252	27.973	ug/l	78
77) Bromobenzene	11.25	156	160990	21.362	ug/l	97
78) n-propylbenzene	11.35	91	674298	21.413	ug/l	99
79) 2-Chlorotoluene	11.42	91	405201	21.357	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	509497	21.638	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	60044	17.846	ug/l	95
82) 4-Chlorotoluene	11.51	91	460439	20.732	ug/l	99
83) tert-Butylbenzene	11.76	119	436908	18.432	ug/l	88
84) 1,2,4-Trimethylbenzene	11.80	105	515707	21.833	ug/l	99
85) sec-Butylbenzene	11.94	105	588095	21.588	ug/l	99
86) p-Isopropyltoluene	12.06	119	537657	21.433	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	278308	20.718	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	275514	20.130	ug/l	99
89) n-Butylbenzene	12.39	91	449763	20.548	ug/l	100
90) Hexachloroethane	12.59	117	89541	20.034	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	285499	21.261	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46282	18.420	ug/l	98

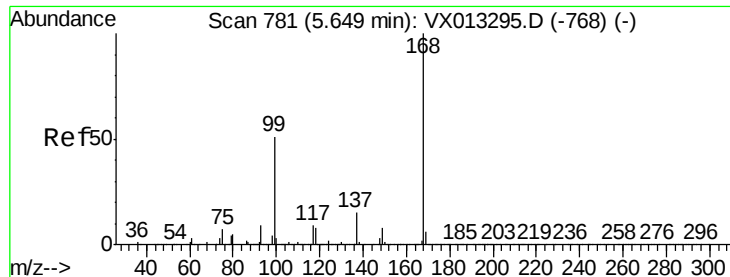
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
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Instrument :
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VX1122WBS03

Quant Time: Dec 03 07:36:57 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)
93) 1,2,4-Trichlorobenzene	13.64	180	193135	20.620	ug/l	98
94) Hexachlorobutadiene	13.78	225	91963	20.068	ug/l	98
95) Naphthalene	13.83	128	601264	20.460	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	195447	20.807	ug/l	98

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

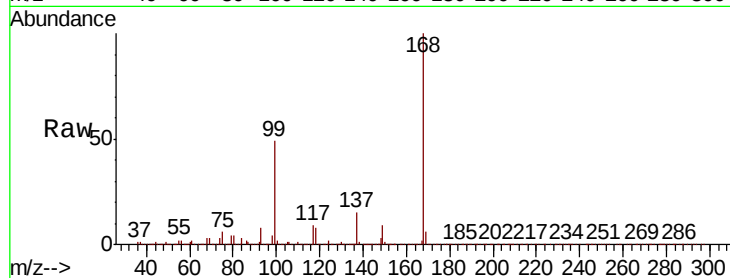


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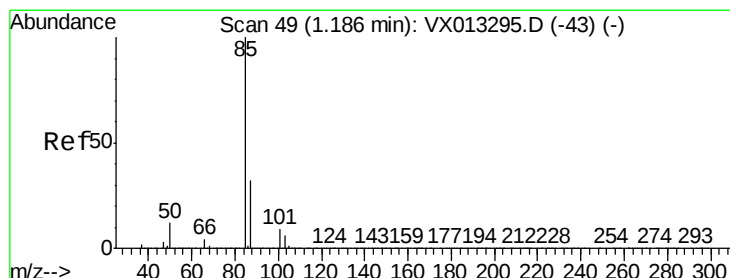
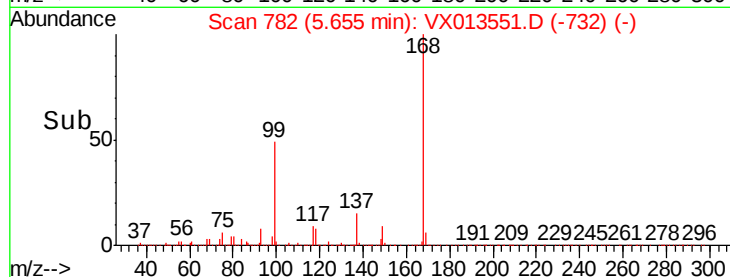
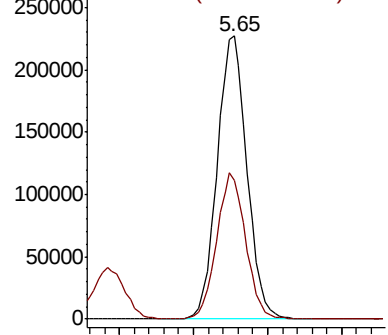
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013551.D
 Acq: 22 Nov 2019 22:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS03

Tot Ion:168 Resp: 633769
 Ion Ratio Lower Upper
 168 100
 99 48.9 40.8 61.2



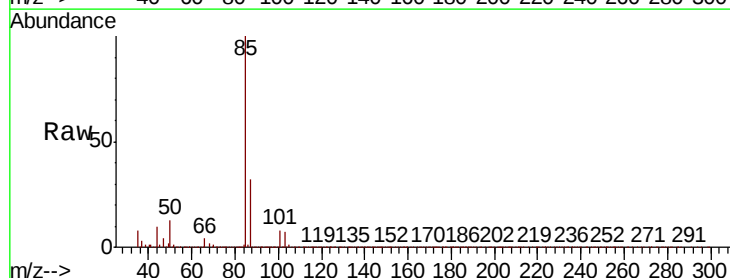
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



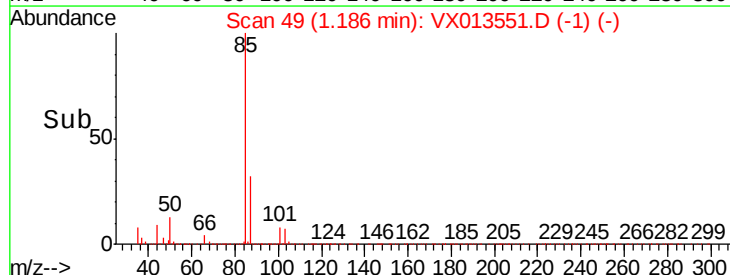
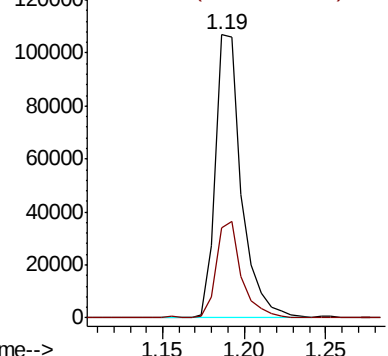
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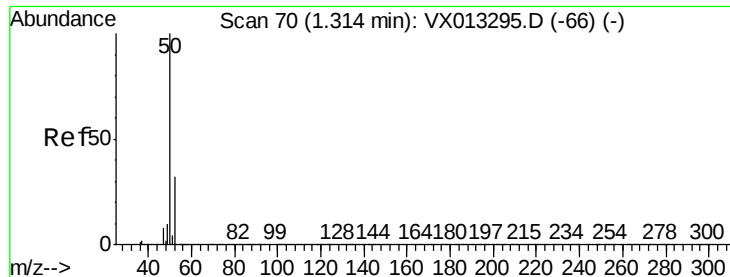
Dichlorodifluoromethane
 Concen: 16.376 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX013551.D
 Acq: 22 Nov 2019 22:57

Tgt Ion: 85 Resp: 119580
 Ion Ratio Lower Upper
 85 100
 87 31.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.432 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampled :

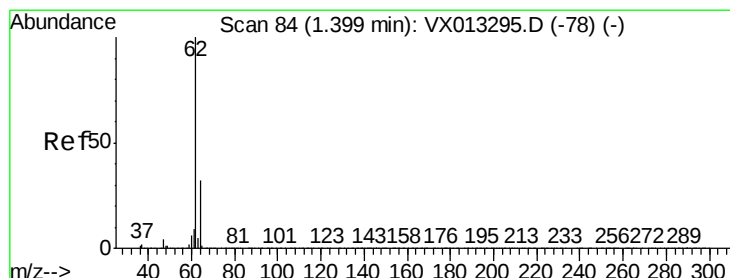
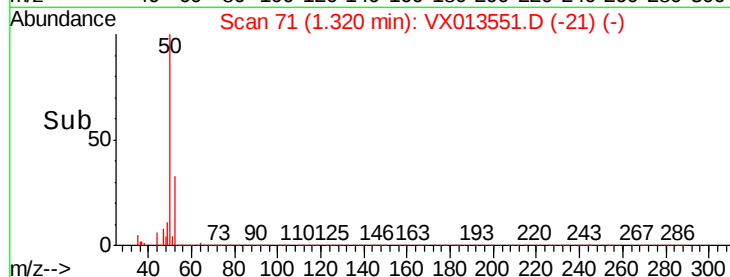
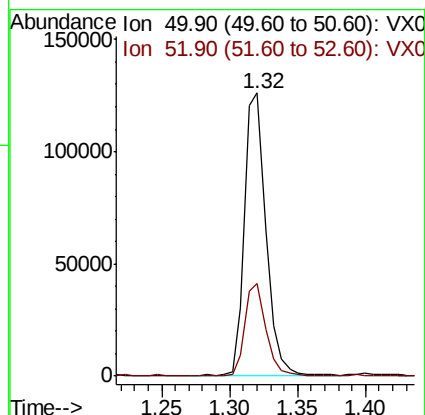
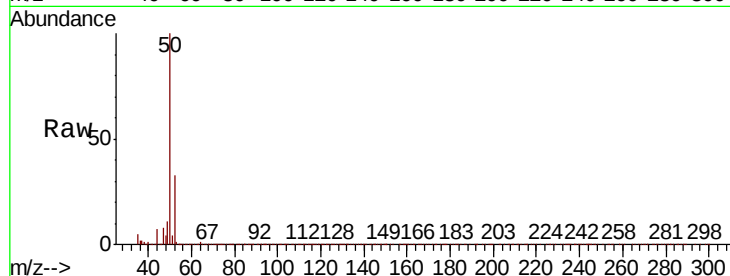
VX1122WBS03

Tot Ion: 50 Resp: 138038

Ion Ratio Lower Upper

50 100

52 32.5 25.5 38.3



#4

Vinyl Chloride

Concen: 17.828 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013551.D

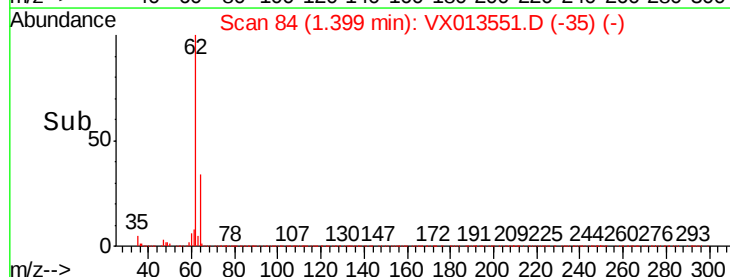
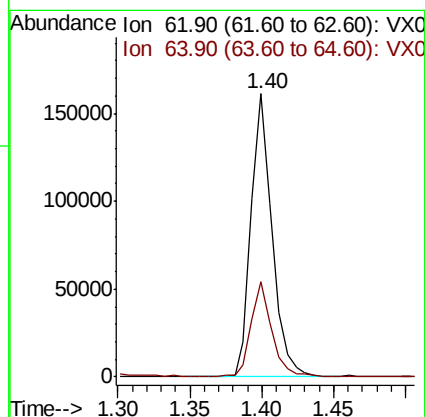
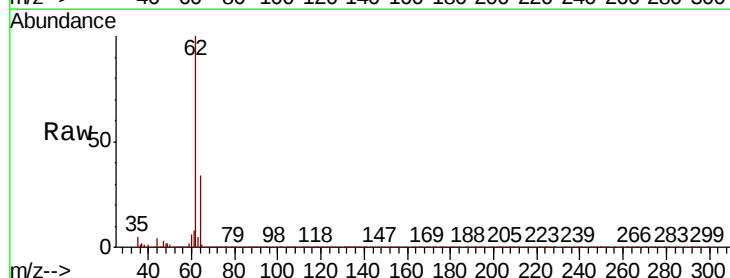
Acq: 22 Nov 2019 22:57

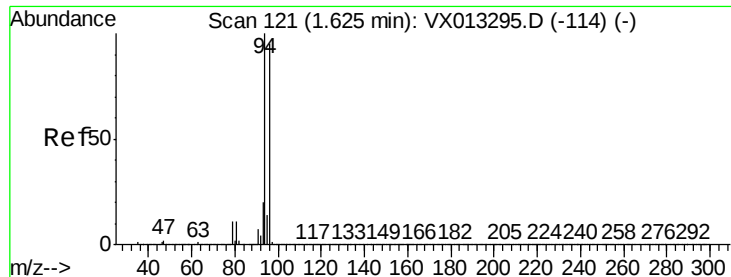
Tgt Ion: 62 Resp: 160721

Ion Ratio Lower Upper

62 100

64 33.6 25.6 38.4





#5

Bromomethane

Concen: 15.839 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

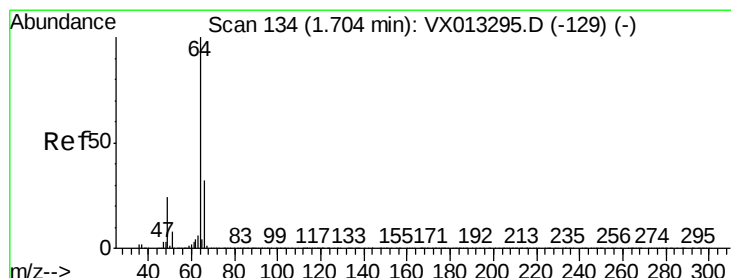
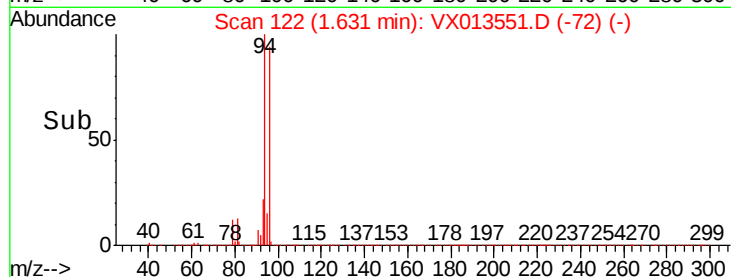
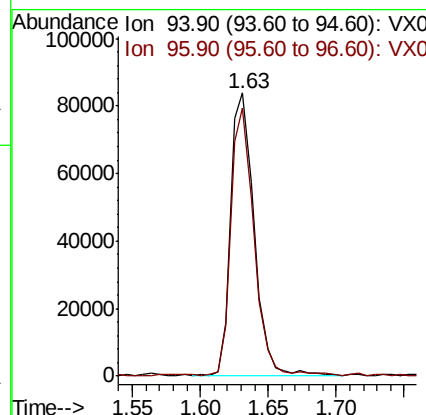
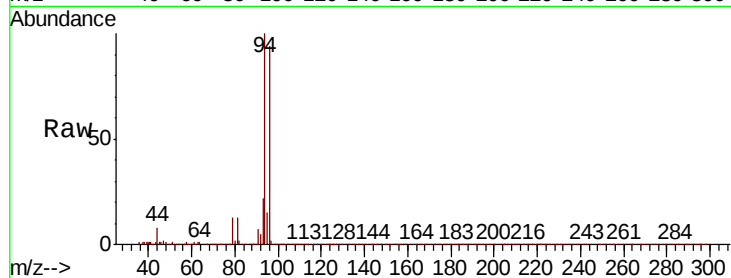
VX1122WBS03

Tot Ion: 94 Resp: 99509

Ion Ratio Lower Upper

94 100

96 94.5 75.8 113.8



#6

Chloroethane

Concen: 17.301 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013551.D

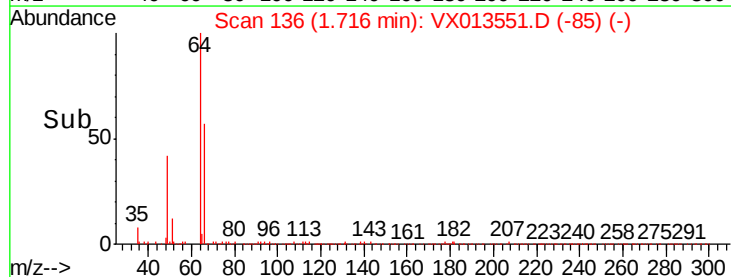
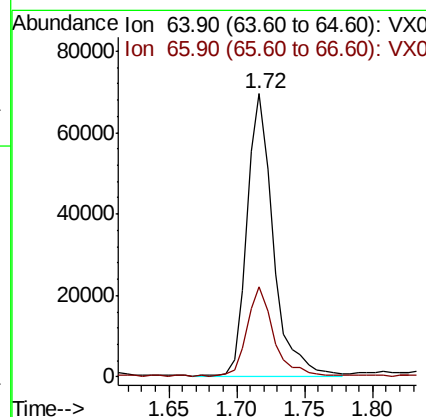
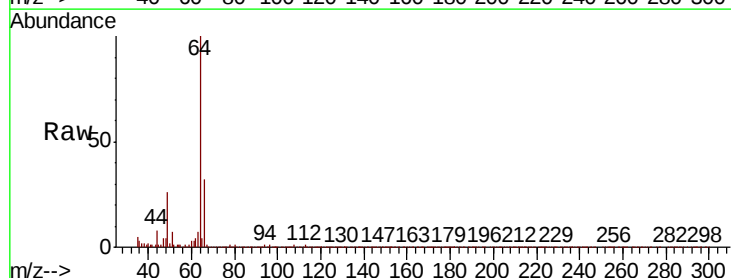
Acq: 22 Nov 2019 22:57

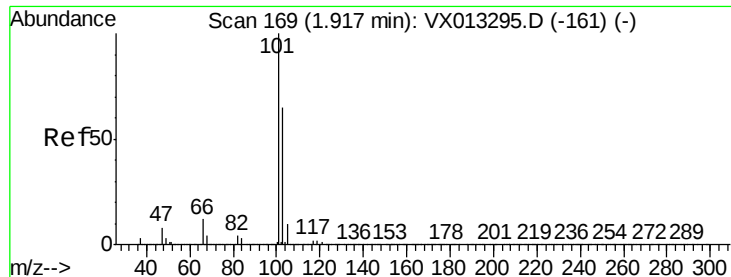
Tgt Ion: 64 Resp: 93176

Ion Ratio Lower Upper

64 100

66 31.4 25.6 38.4



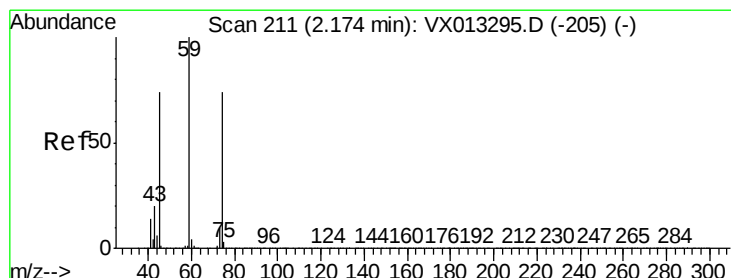
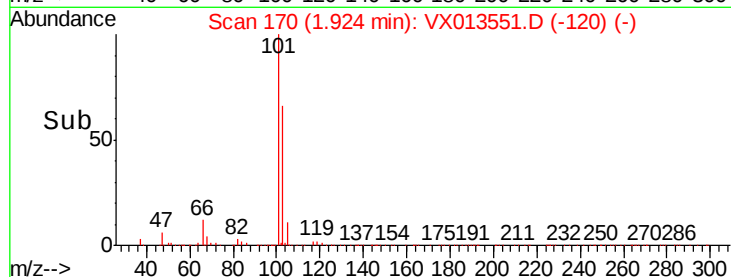
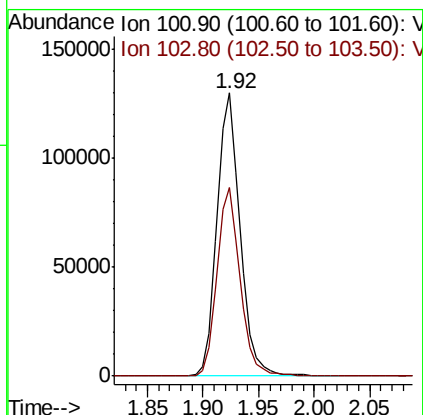
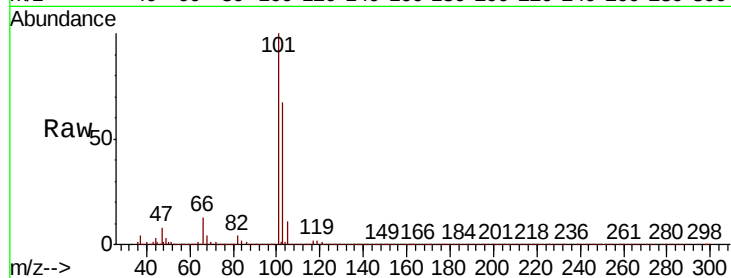


#7

Trichlorofluoromethane
 Concen: 17.449 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX013551.D
 Acq: 22 Nov 2019 22:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS03

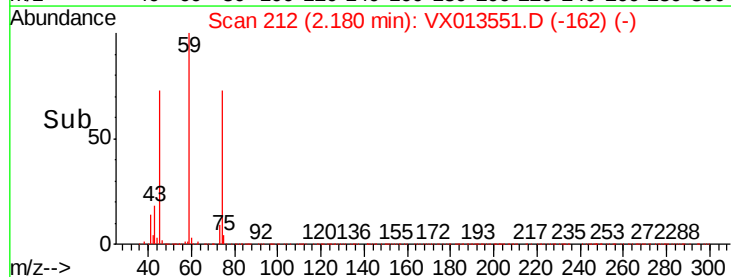
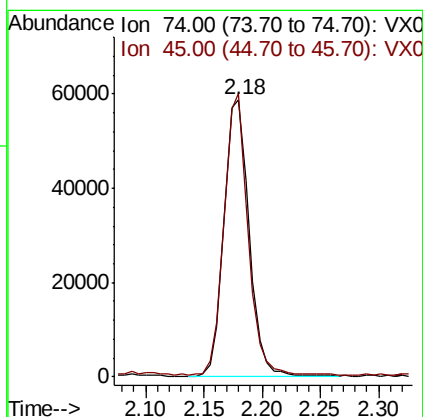
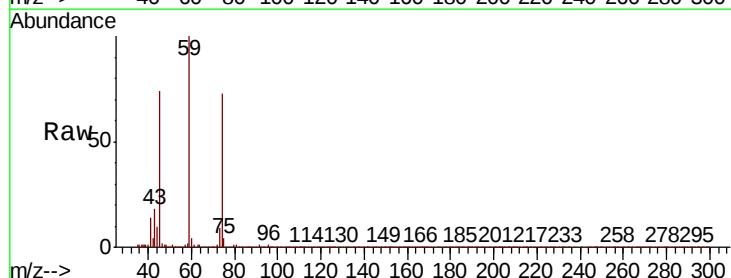
Tot Ion:101 Resp: 185849
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.3 78.5

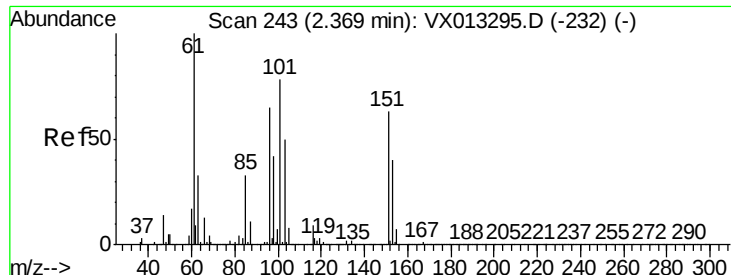


#8

Diethyl Ether
 Concen: 18.871 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.01 min
 Lab File: VX013551.D
 Acq: 22 Nov 2019 22:57

Tgt Ion: 74 Resp: 88885
 Ion Ratio Lower Upper
 74 100
 45 94.9 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.398 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

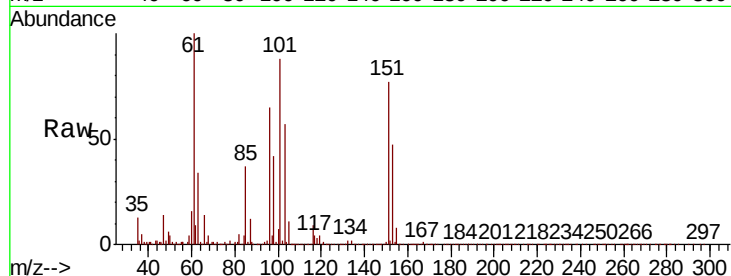
Tot Ion:101 Resp: 115158

Ion Ratio Lower Upper

101 100

85 42.8 34.4 51.6

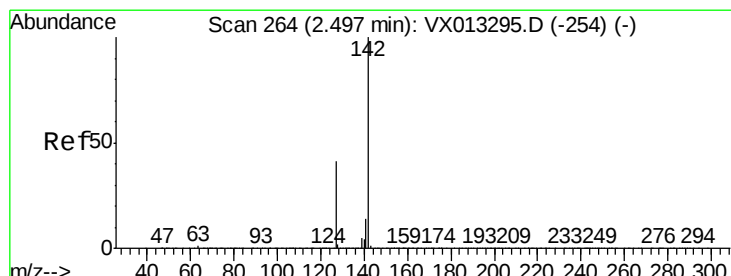
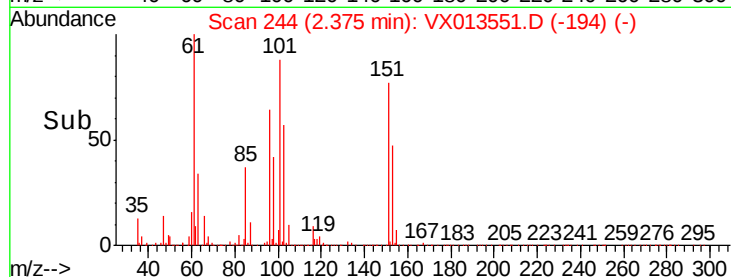
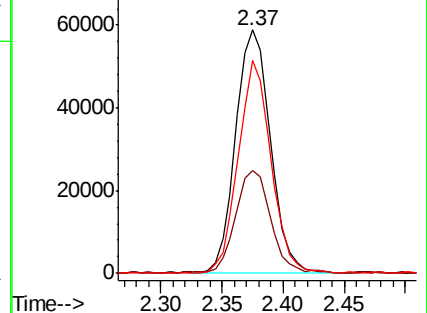
151 83.0 66.4 99.6



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: 16.086 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

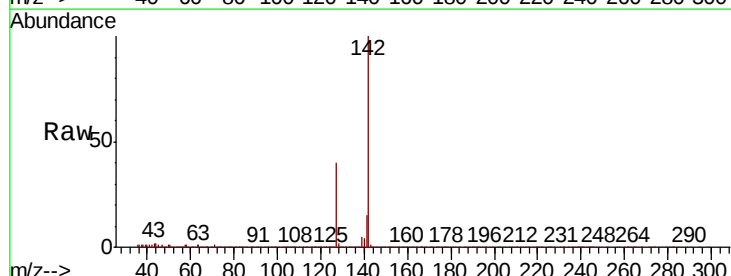
Tgt Ion:142 Resp: 118230

Ion Ratio Lower Upper

142 100

127 39.3 32.6 49.0

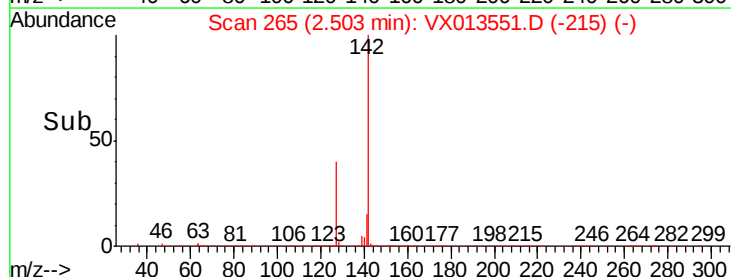
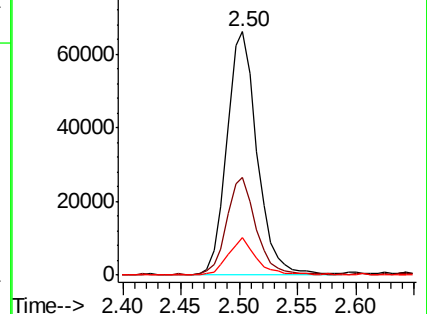
141 15.1 11.6 17.4

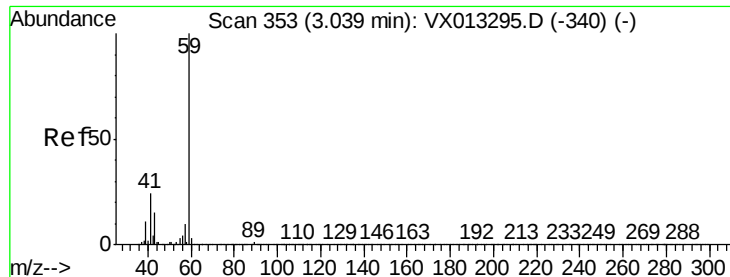


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



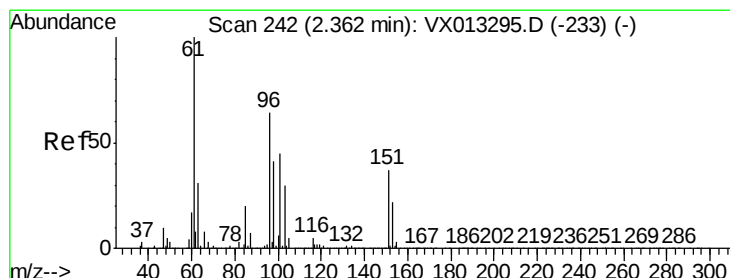
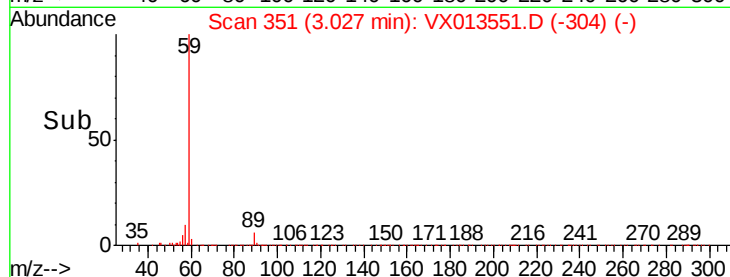
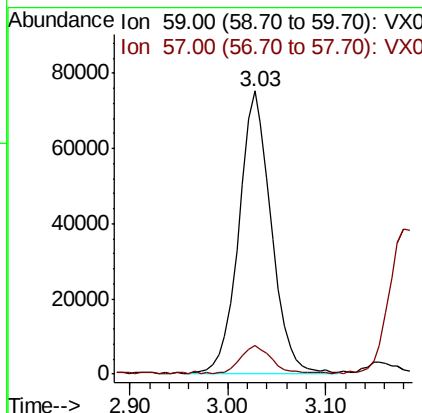
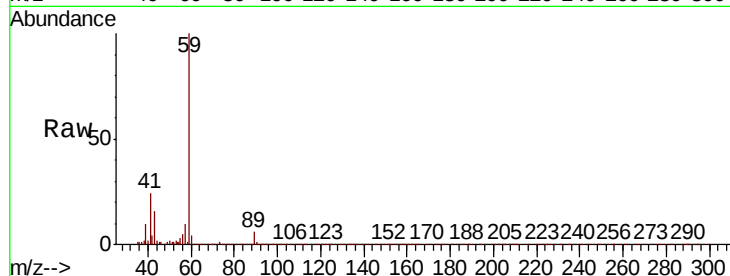


#11

Tert butyl alcohol
Concen: 86.657 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

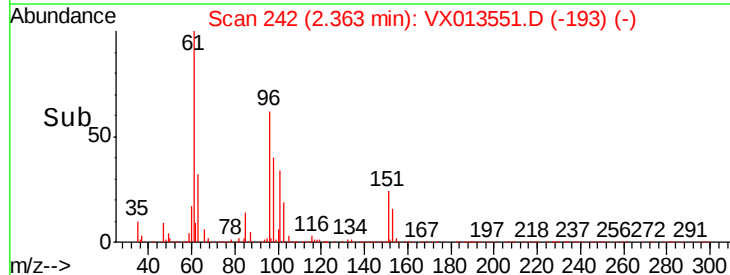
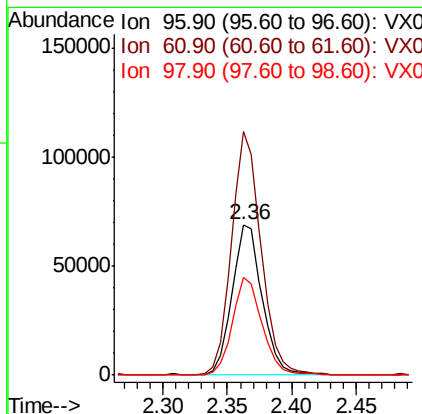
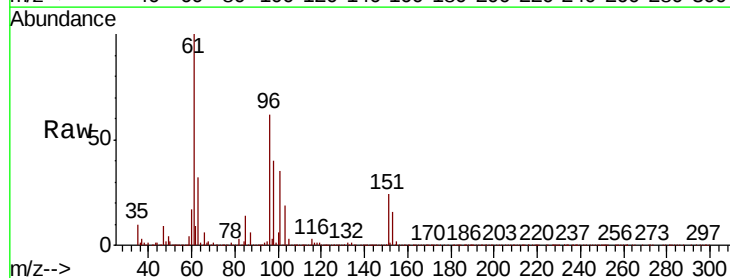
Tot Ion: 59 Resp: 171492
Ion Ratio Lower Upper
59 100
57 9.3 8.0 12.0

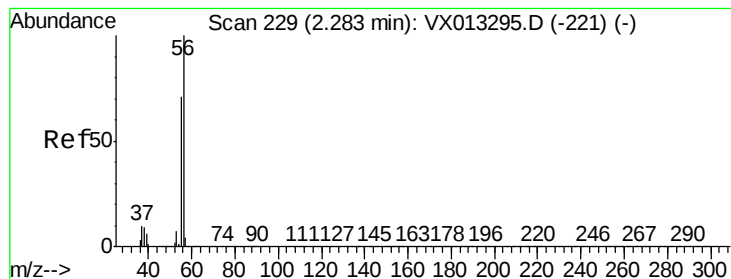


#12

1,1-Dichloroethene
Concen: 19.154 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion: 96 Resp: 111351
Ion Ratio Lower Upper
96 100
61 162.0 125.0 187.6
98 64.5 50.7 76.1





#13

Acrolein

Concen: 83.048 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

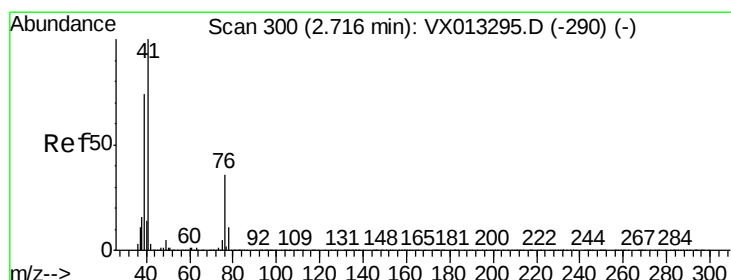
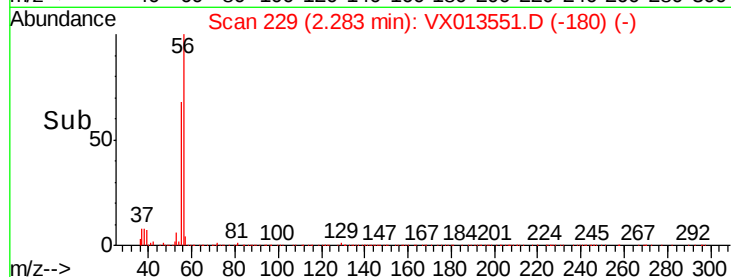
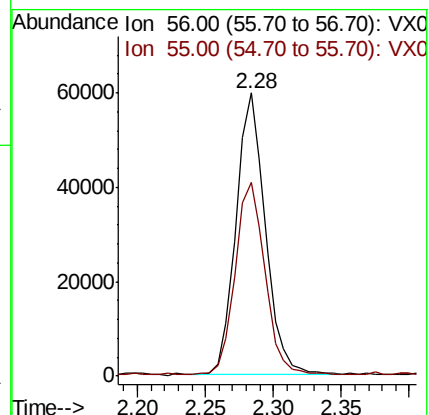
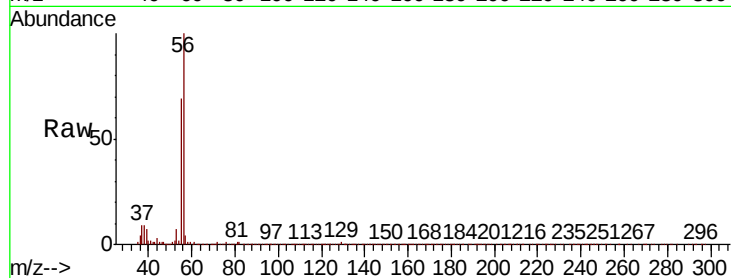
VX1122WBS03

Tot Ion: 56 Resp: 89073

Ion Ratio Lower Upper

56 100

55 69.9 57.4 86.0



#14

Allyl chloride

Concen: 18.910 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

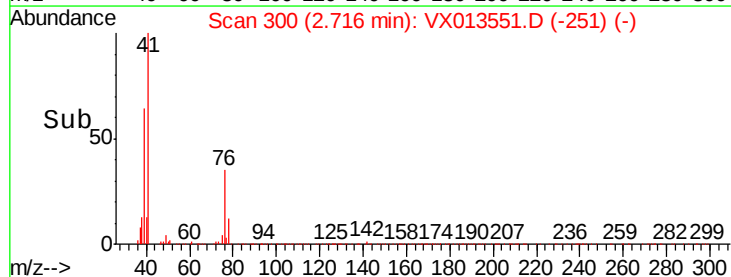
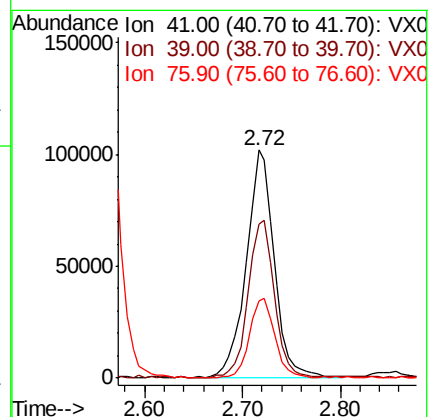
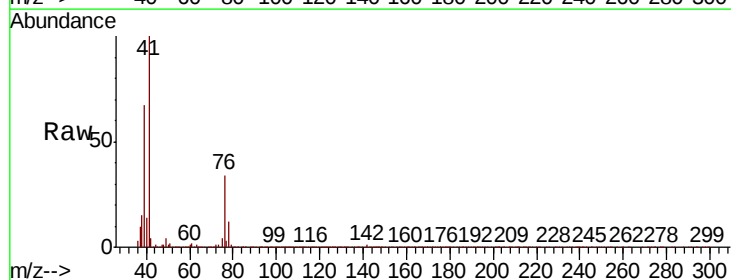
Tgt Ion: 41 Resp: 199739

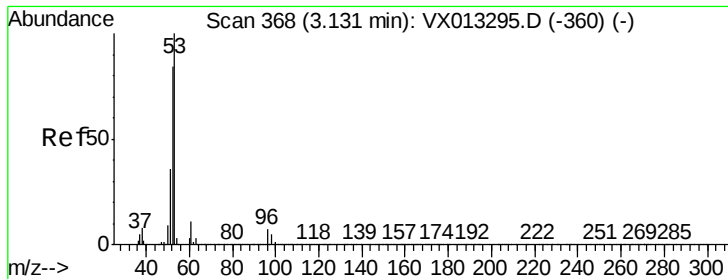
Ion Ratio Lower Upper

41 100

39 65.1 55.8 83.8

76 31.3 26.4 39.6





#15

Acrylonitrile

Concen: 105.234 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

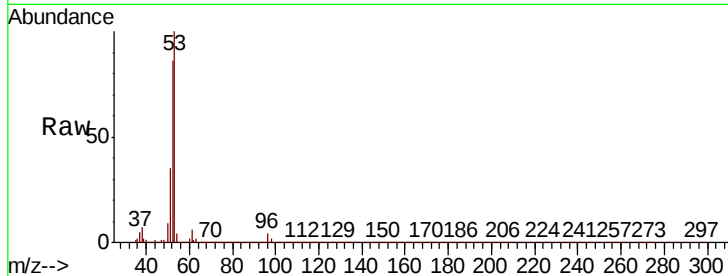
MSVOA_X

ClientSampleId :

VX1122WBS03

Tot Ion: 53 Resp: 389010

Ion	Ratio	Lower	Upper
53	100		
52	83.7	67.4	101.0
51	35.6	29.4	44.2

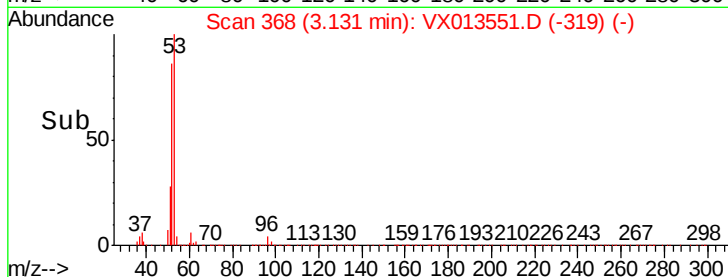


Abundance

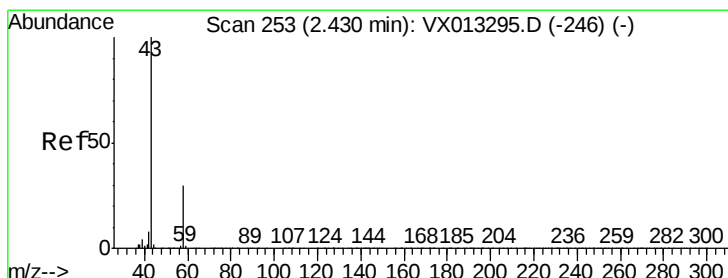
Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 98.979 ug/l

RT: 2.43 min Scan# 253

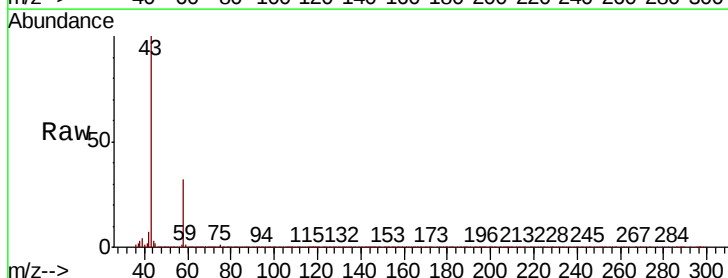
Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Tgt Ion: 43 Resp: 370678

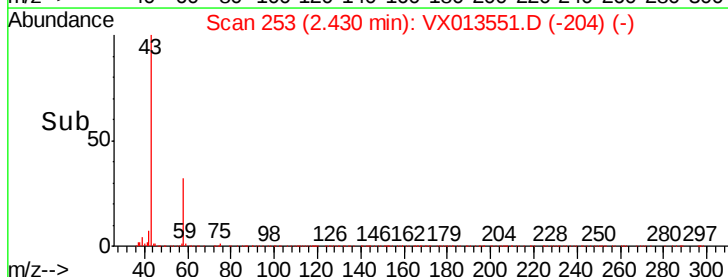
Ion	Ratio	Lower	Upper
43	100		
58	32.2	24.3	36.5



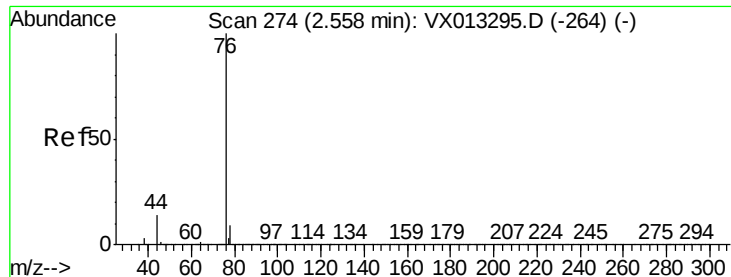
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 16.077 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

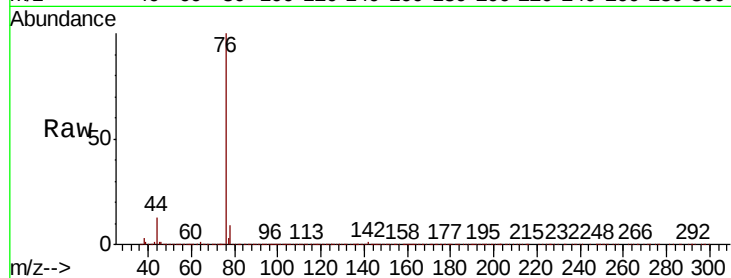
VX1122WBS03

Tot Ion: 76 Resp: 250151

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX013295.D (-264) (-)

Ion 77.90 (77.60 to 78.60): VX013295.D (-264) (-)

2.56

150000

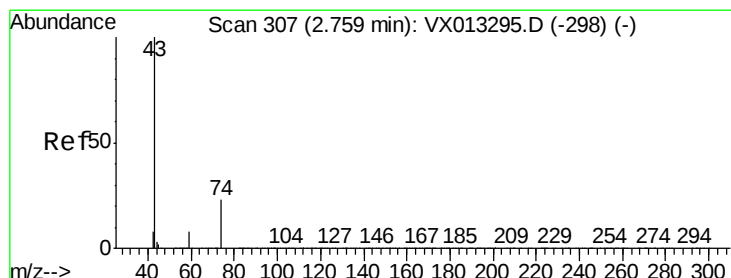
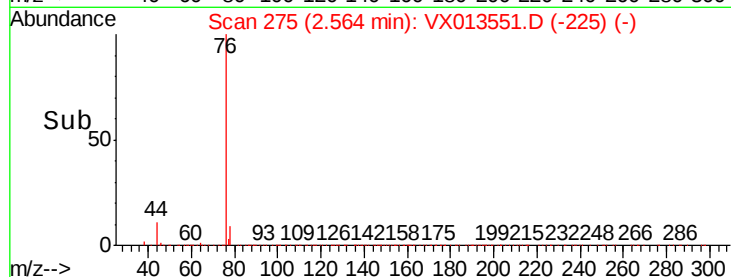
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 23.227 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013551.D

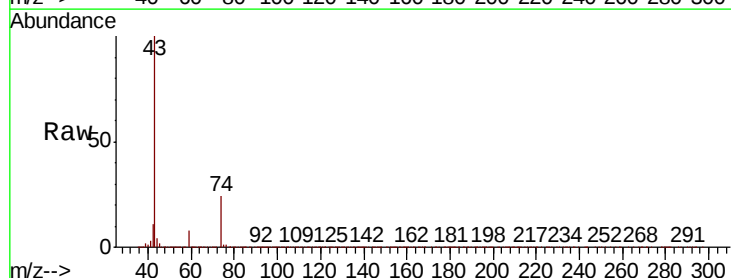
Acq: 22 Nov 2019 22:57

Tgt Ion: 43 Resp: 240153

Ion Ratio Lower Upper

43 100

74 24.2 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX013295.D (-298) (-)

Ion 74.00 (73.70 to 74.70): VX013295.D (-298) (-)

2.76

150000

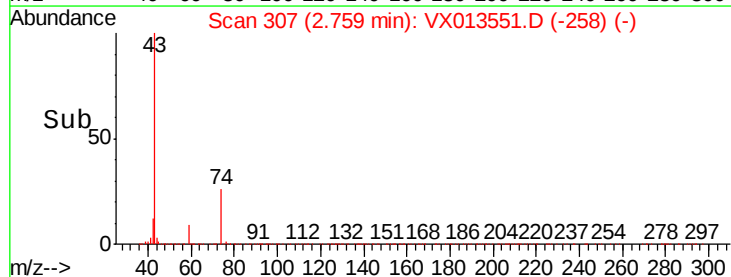
100000

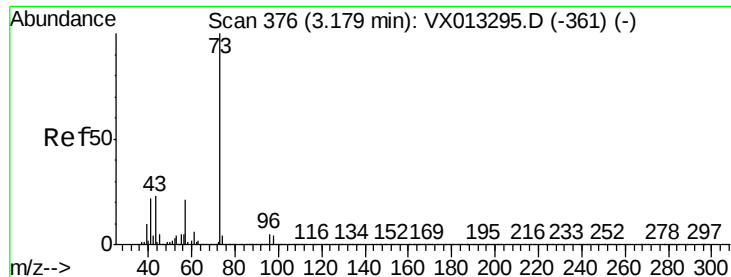
50000

0

2.70 2.80 2.90

Time-->



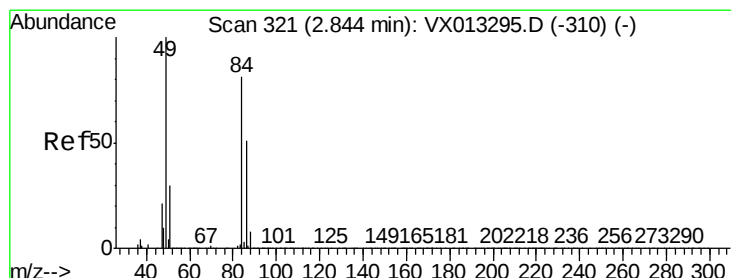
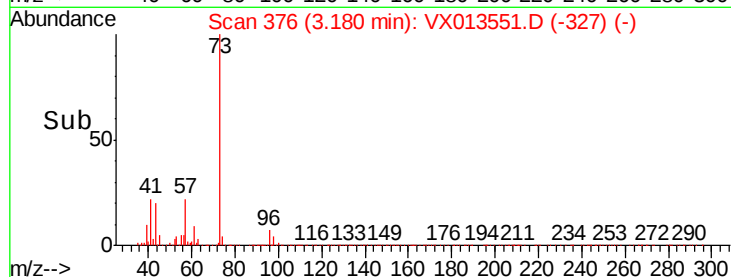
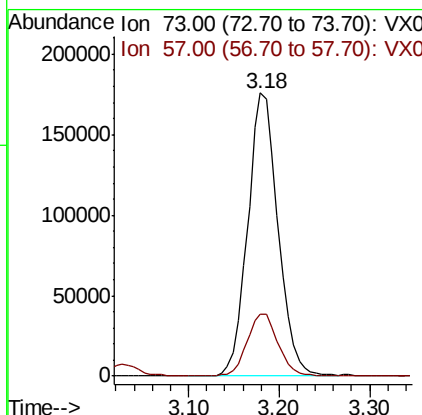
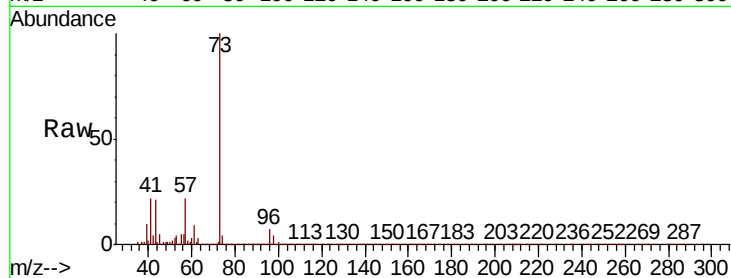


#19

Methyl tert-butyl Ether
 Concen: 20.954 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013551.D
 Acq: 22 Nov 2019 22:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS03

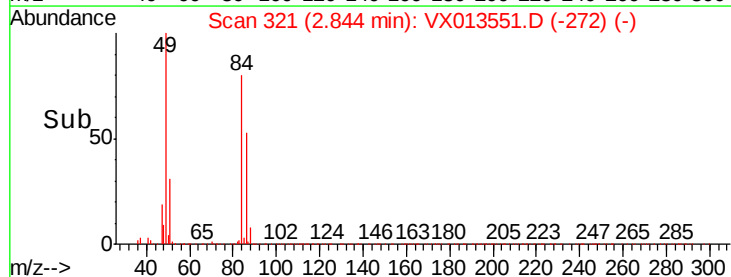
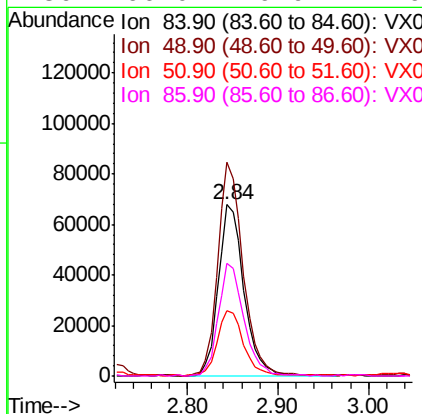
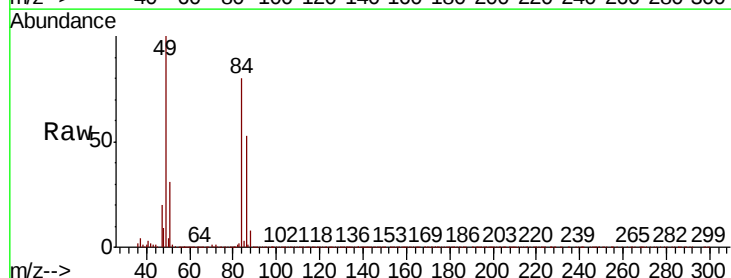
Tot Ion: 73 Resp: 406294
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.1 25.7

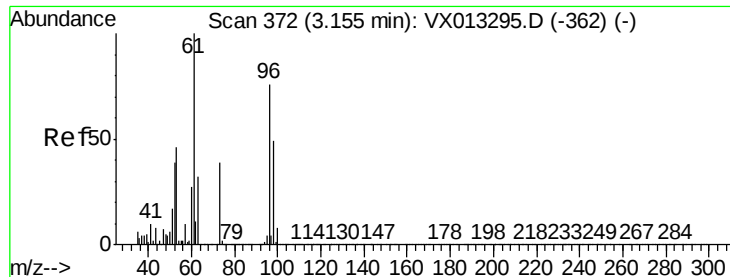


#20

Methylene Chloride
 Concen: 19.155 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013551.D
 Acq: 22 Nov 2019 22:57

Tgt Ion: 84 Resp: 132541
 Ion Ratio Lower Upper
 84 100
 49 124.7 98.2 147.4
 51 38.1 29.9 44.9
 86 66.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.244 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

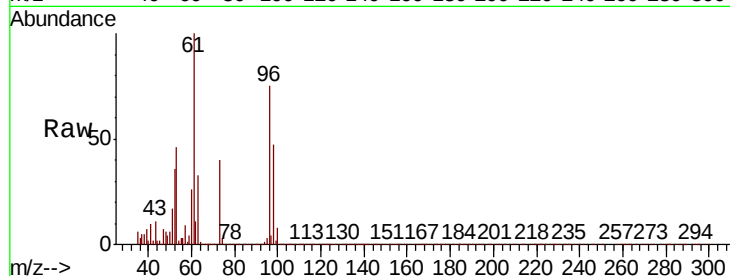
Tot Ion: 96 Resp: 121810

Ion Ratio Lower Upper

96 100

61 132.6 105.8 158.6

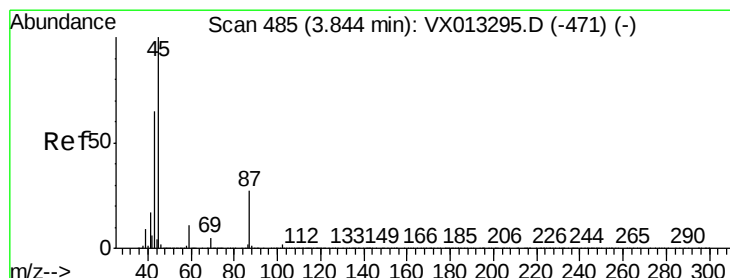
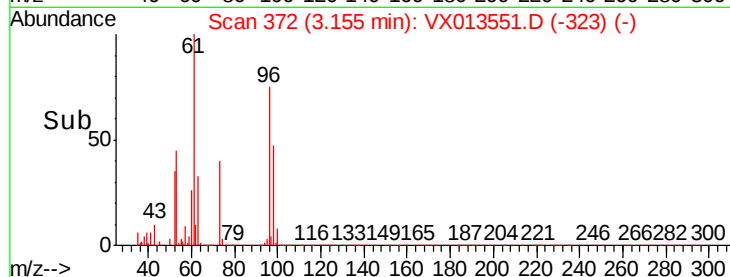
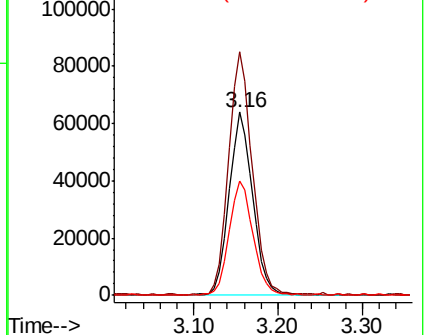
98 62.1 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.915 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Tgt Ion: 45 Resp: 426505

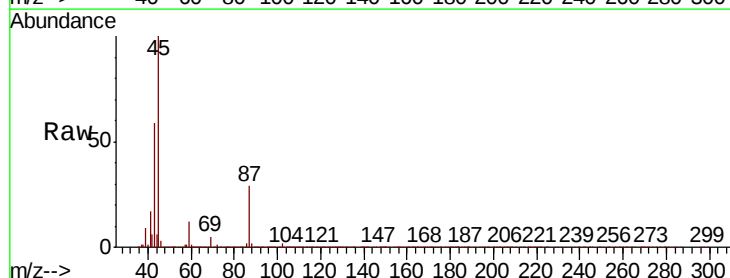
Ion Ratio Lower Upper

45 100

43 58.0 54.2 81.2

87 28.8 21.8 32.8

59 12.1 8.5 12.7

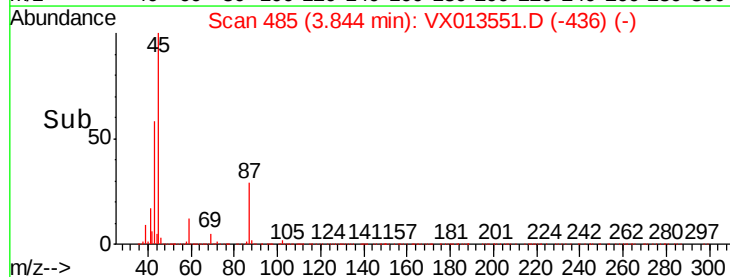
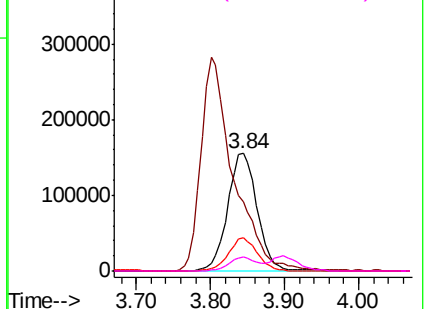


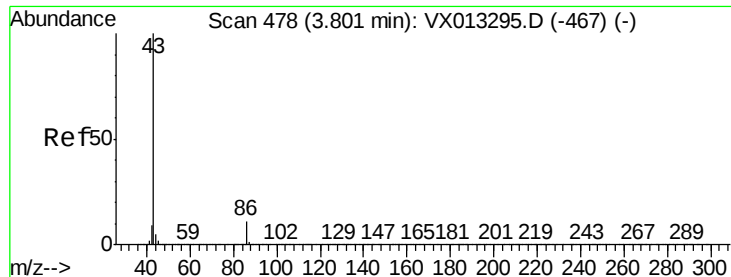
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 49.181 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

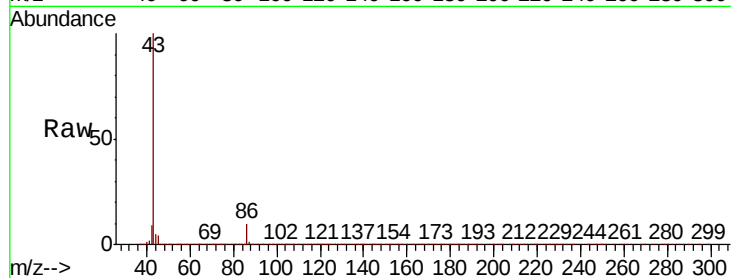
VX1122WBS03

Tot Ion: 43 Resp: 858204

Ion Ratio Lower Upper

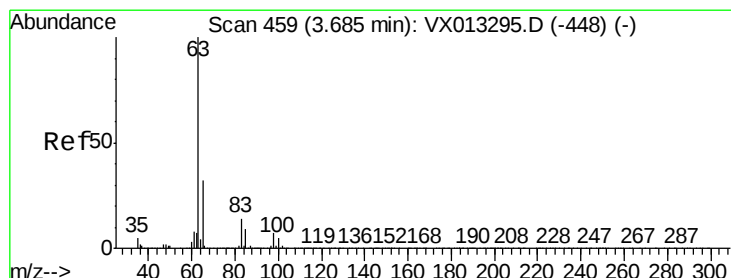
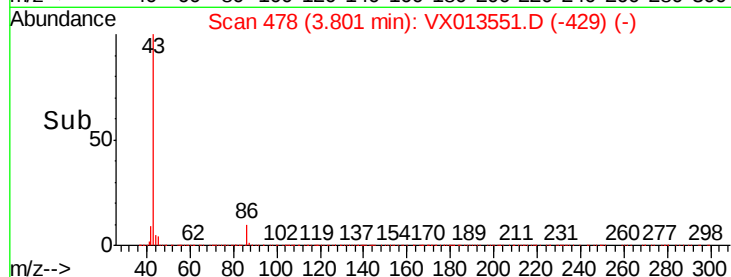
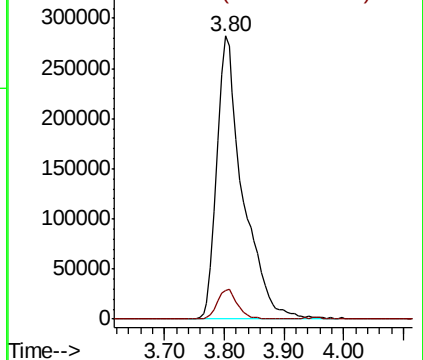
43 100

86 10.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.373 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

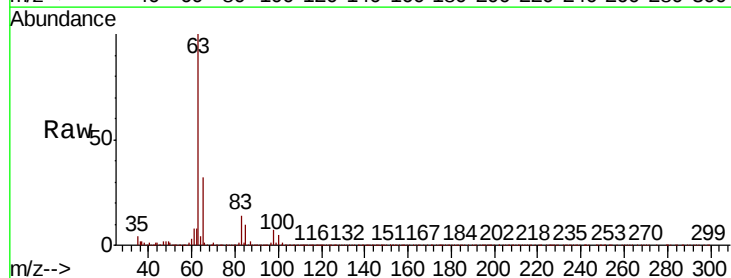
Tgt Ion: 63 Resp: 232415

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

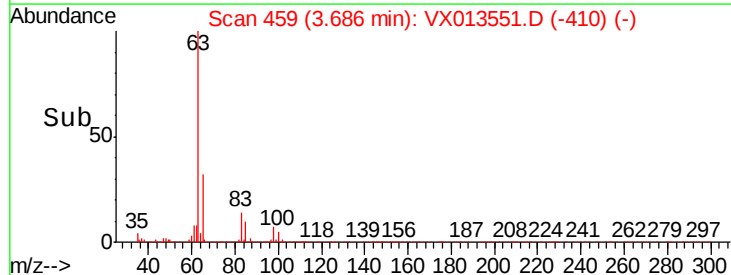
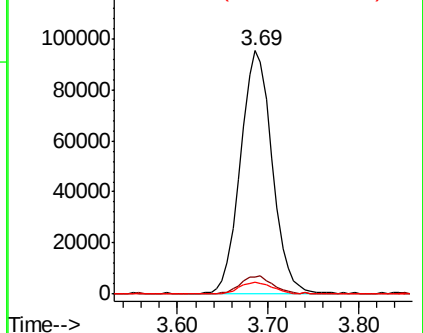
100 5.0 2.4 7.2

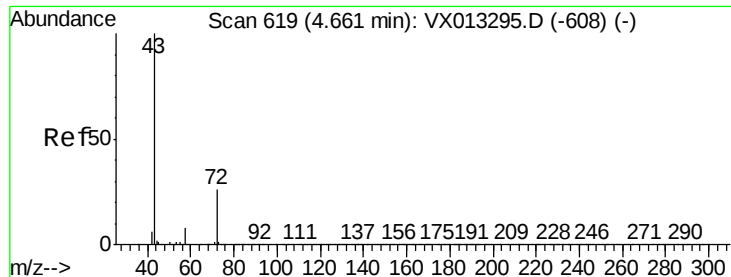


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 101.875 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

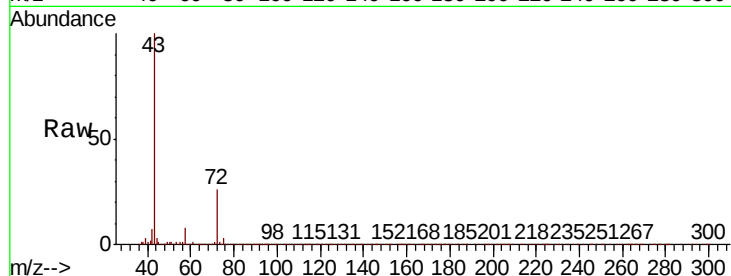
VX1122WBS03

Tot Ion: 43 Resp: 559701

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

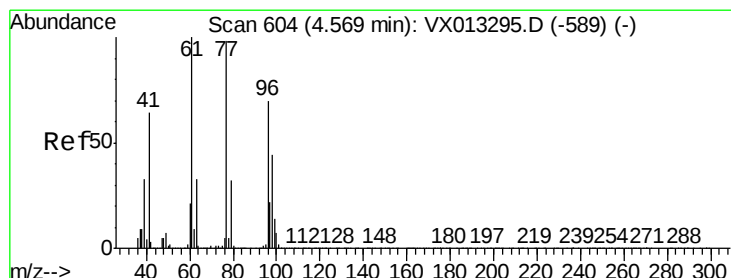
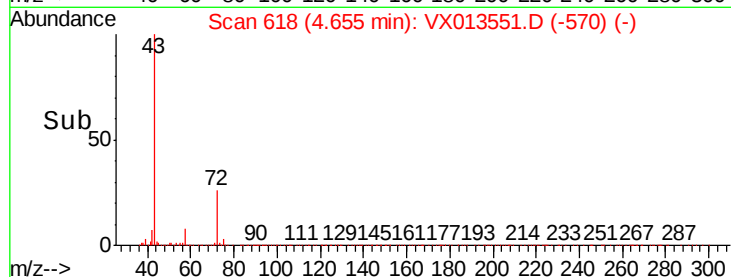
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 16.365 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013551.D

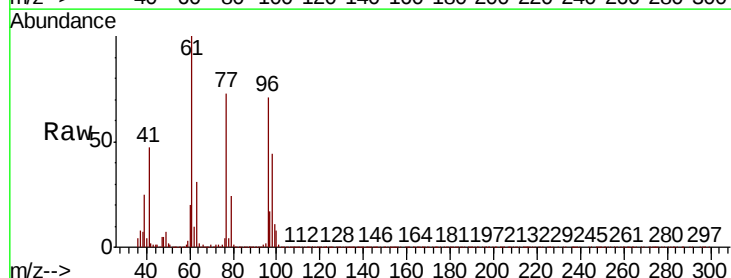
Acq: 22 Nov 2019 22:57

Tgt Ion: 77 Resp: 148513

Ion Ratio Lower Upper

77 100

97 24.0 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

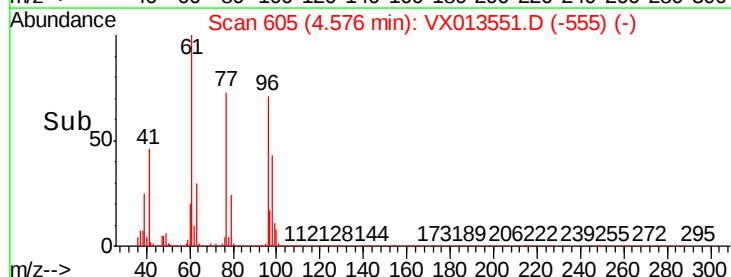
20000

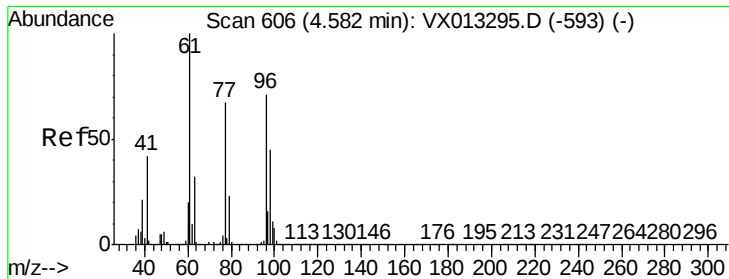
10000

0

4.50 4.60 4.70

Time-->



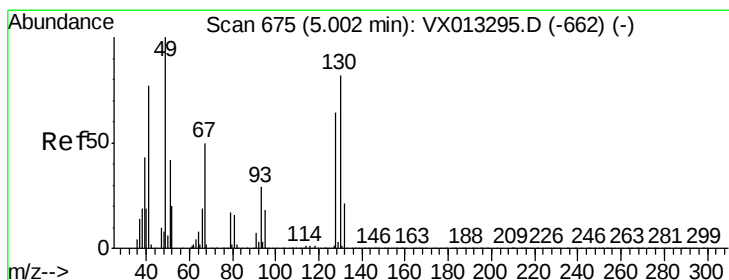
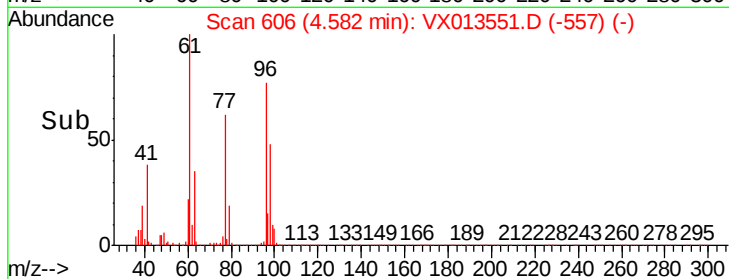
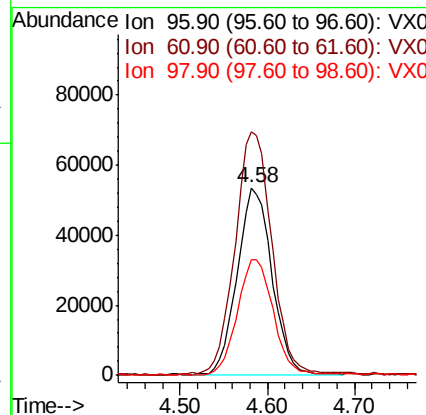
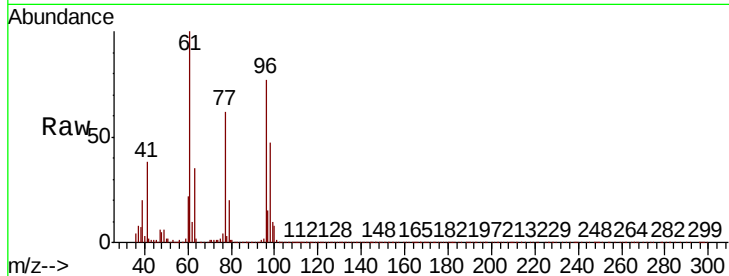


#27

cis-1,2-Dichloroethene
Concen: 20.786 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

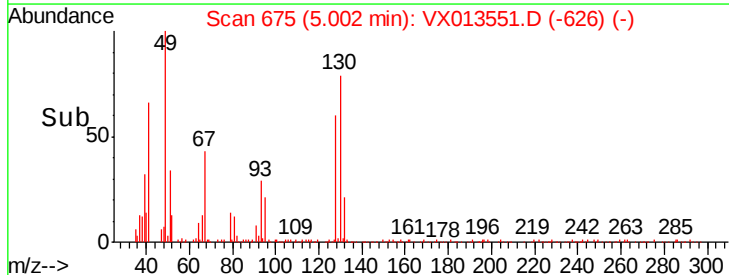
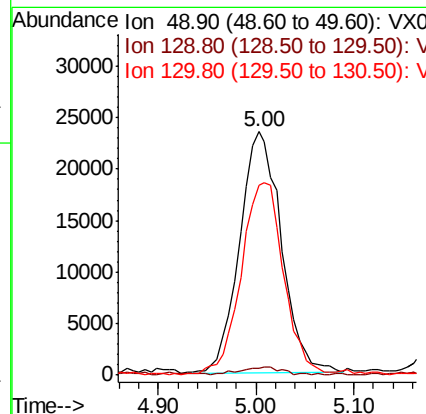
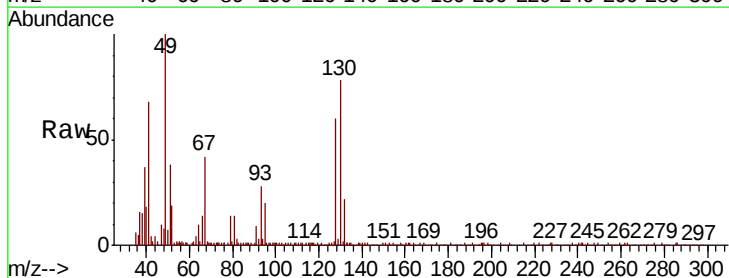
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.3	0.0	288.0
98	63.3	0.0	129.6

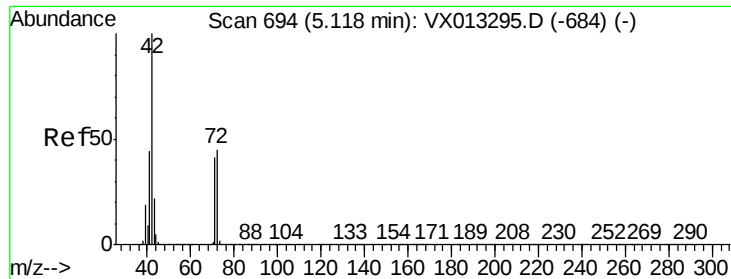


#28

Bromochloromethane
Concen: 21.475 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.5	0.0	5.2
130	81.4	63.8	95.6





#29

Tetrahydrofuran

Concen: 103.354 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

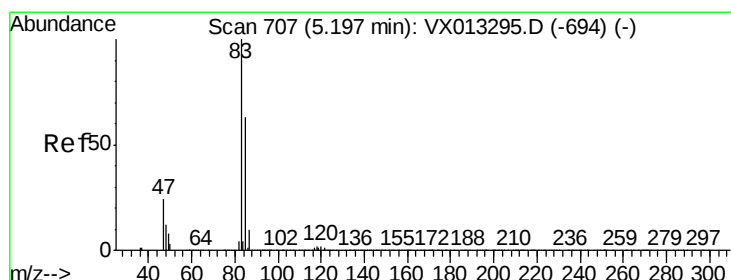
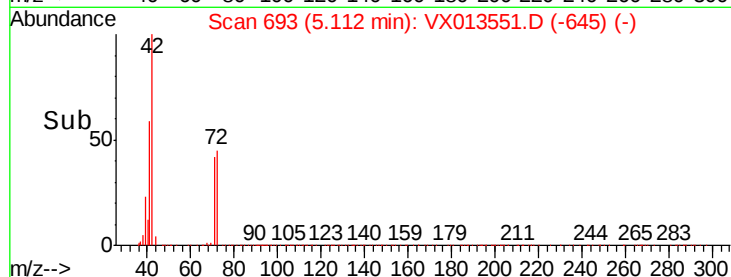
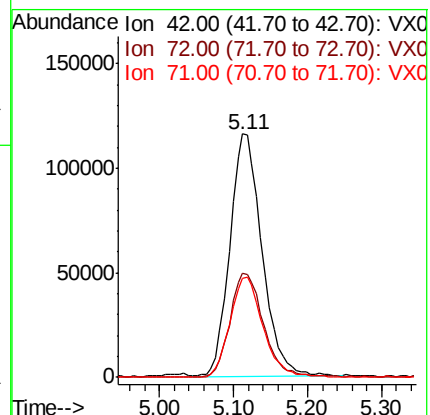
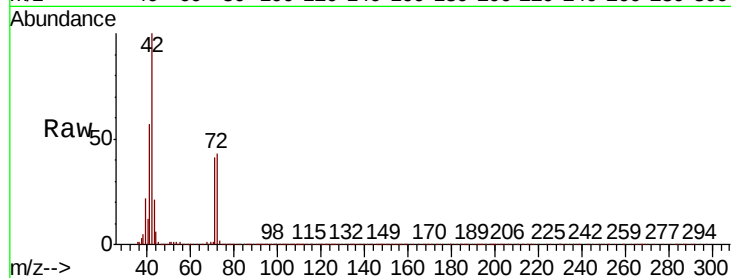
Tot Ion: 42 Resp: 349921

Ion Ratio Lower Upper

42 100

72 45.0 35.8 53.8

71 42.0 33.4 50.0



#30

Chloroform

Concen: 19.996 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013551.D

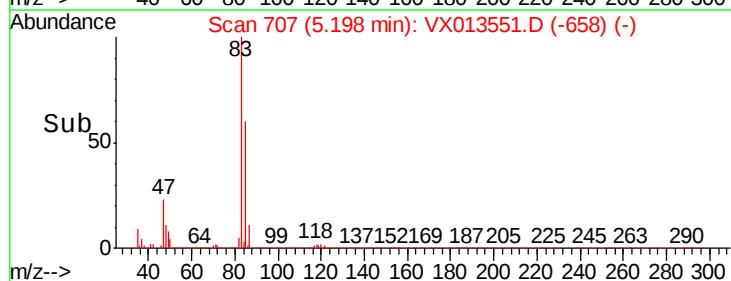
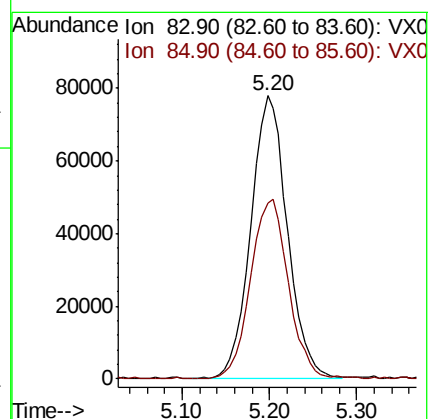
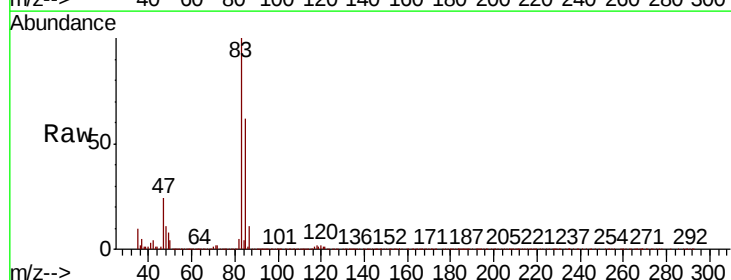
Acq: 22 Nov 2019 22:57

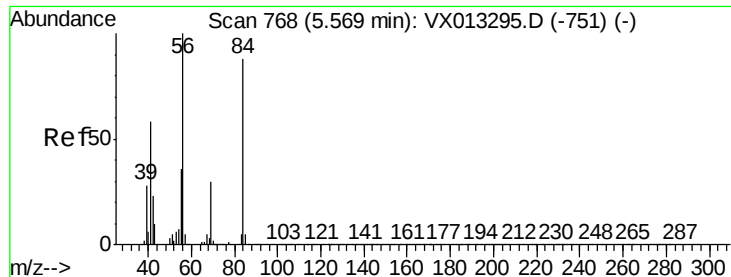
Tgt Ion: 83 Resp: 225246

Ion Ratio Lower Upper

83 100

85 62.3 50.2 75.4

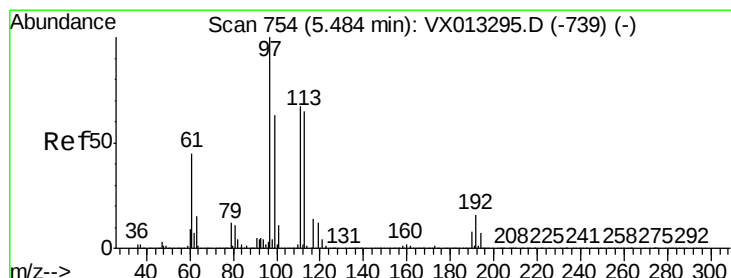
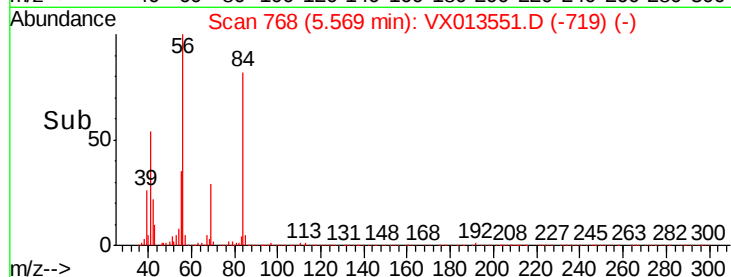
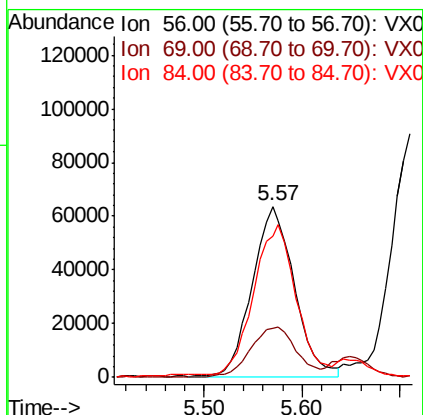
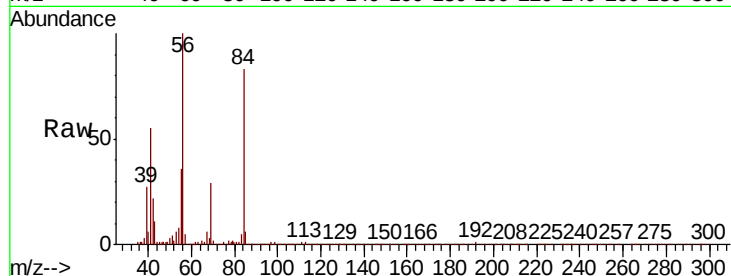




#31
Cyclohexane
Concen: 18.407 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

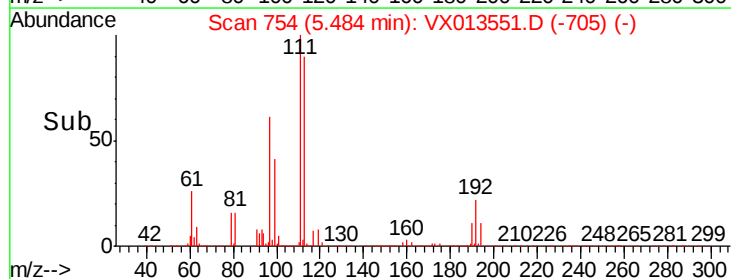
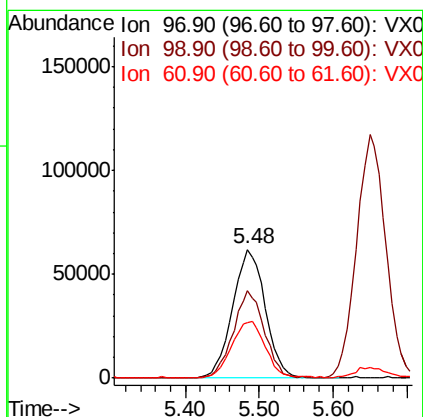
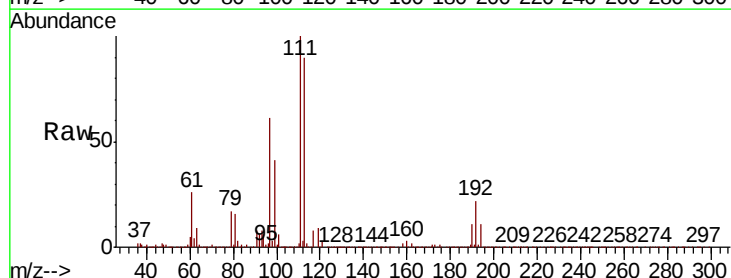
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion: 56 Resp: 188954
Ion Ratio Lower Upper
56 100
69 28.5 23.7 35.5
84 81.2 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 19.540 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion: 97 Resp: 189429
Ion Ratio Lower Upper
97 100
99 65.4 51.1 76.7
61 45.4 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 46.566 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

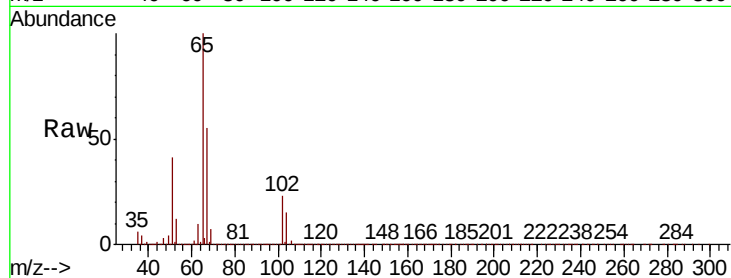
VX1122WBS03

Tot Ion: 65 Resp: 349634

Ion Ratio Lower Upper

65 100

67 53.2 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

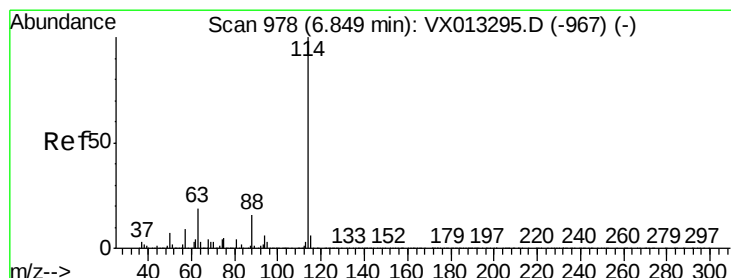
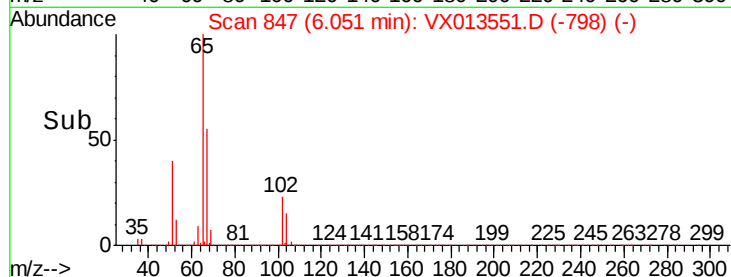
100000

50000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

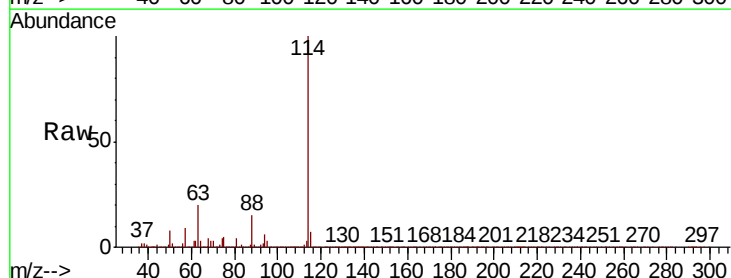
Tgt Ion: 114 Resp: 966485

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

88 15.1 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

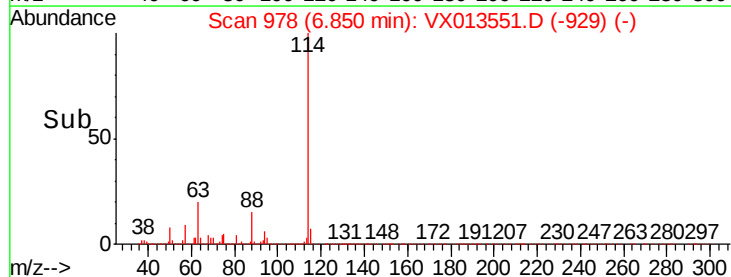
200000

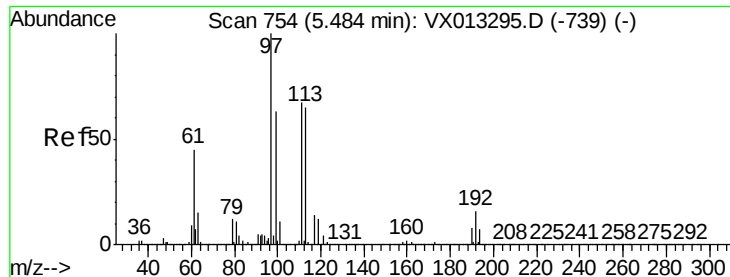
100000

0

Time-->

6.70 6.80 6.90 7.00

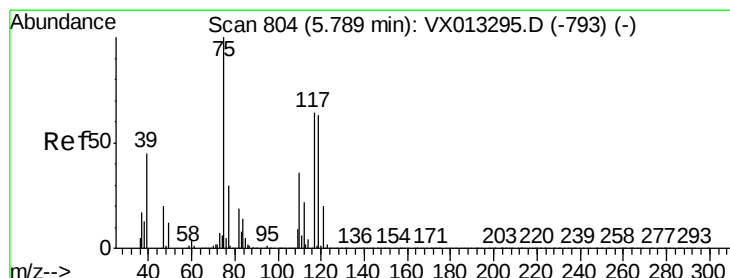
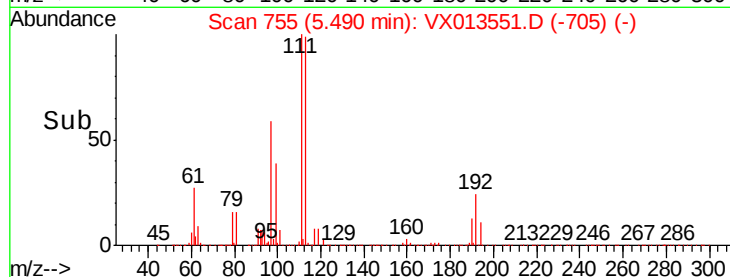
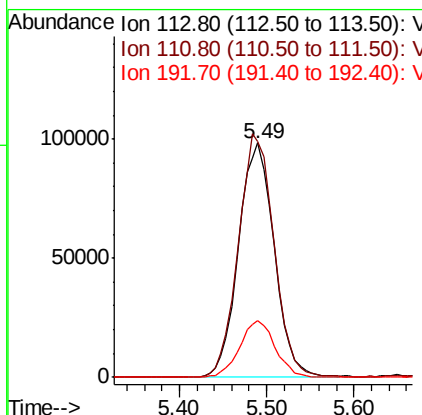
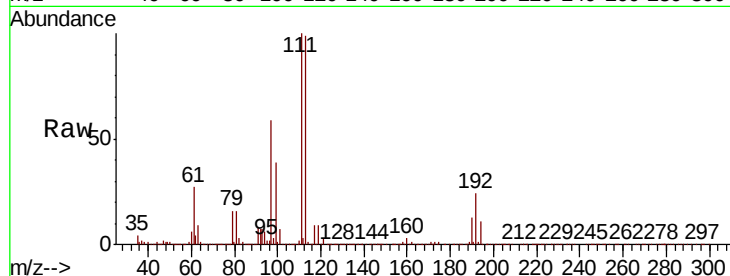




#35
Dibromofluoromethane
Concen: 45.915 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

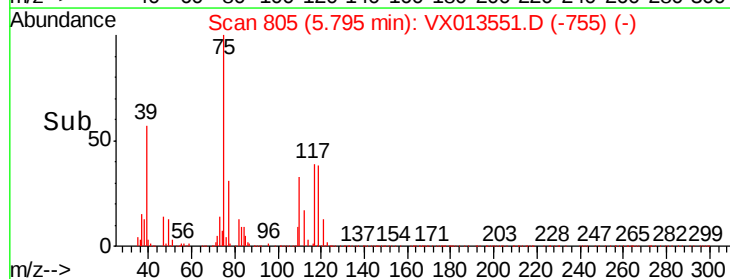
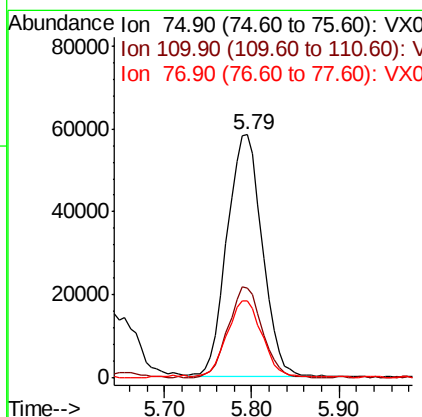
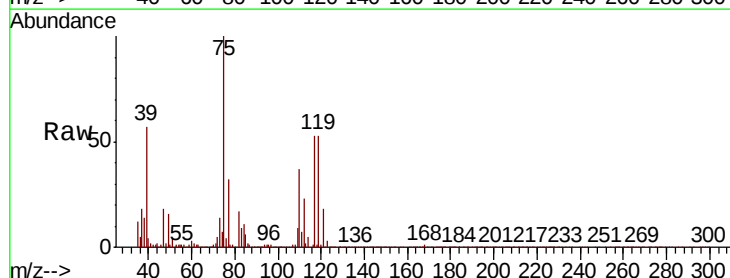
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

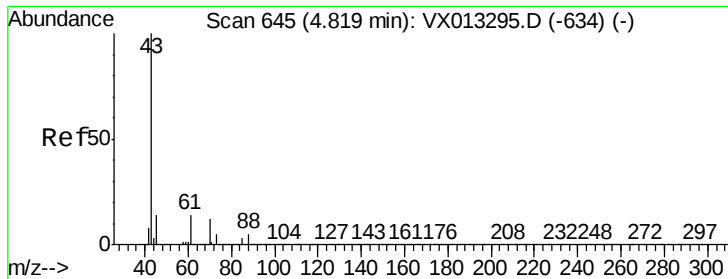
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.9	122.9
192	23.7	19.1	28.7



#36
1,1-Dichloropropene
Concen: 19.699 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.1	54.1
77	31.3	25.0	37.4

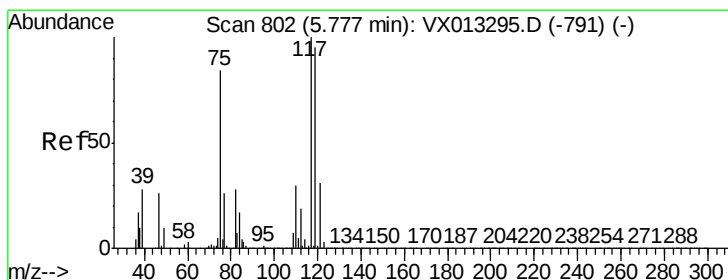
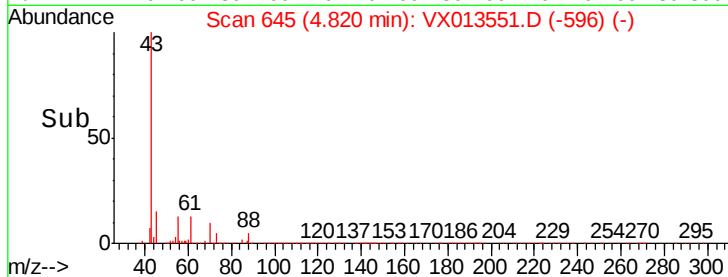
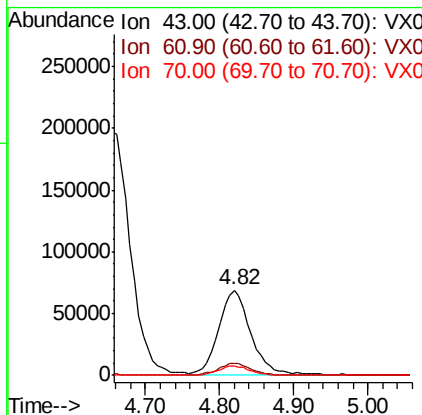
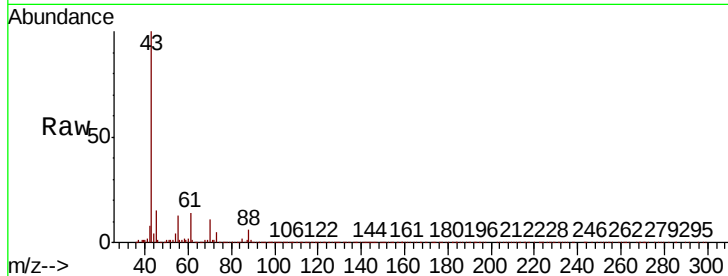




#37
Ethyl Acetate
Concen: 19.880 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

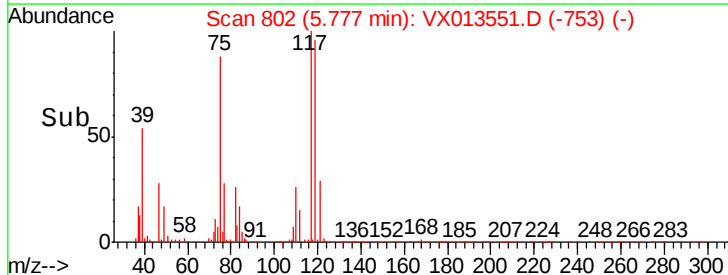
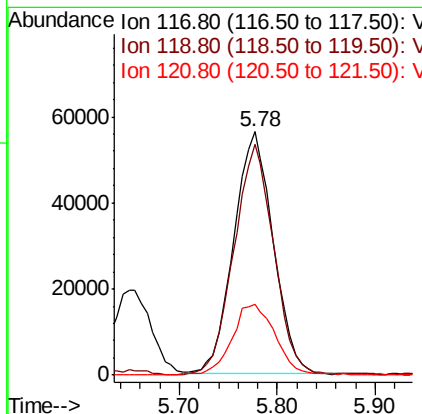
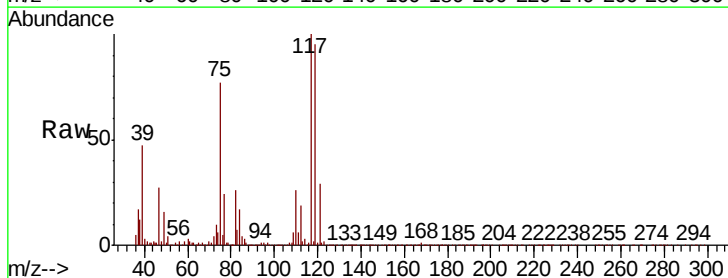
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

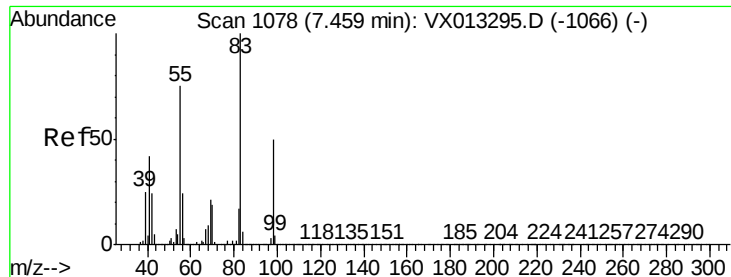
Tot Ion: 43 Resp: 203672
Ion Ratio Lower Upper
43 100
61 12.9 10.7 16.1
70 10.6 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.456 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion: 117 Resp: 157744
Ion Ratio Lower Upper
117 100
119 94.9 76.1 114.1
121 28.9 24.6 37.0

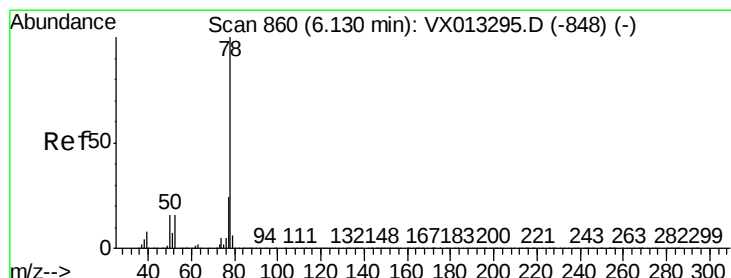
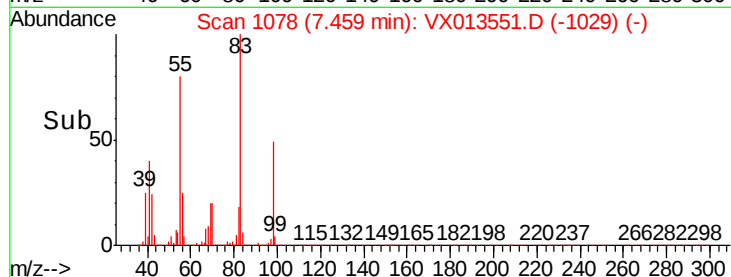
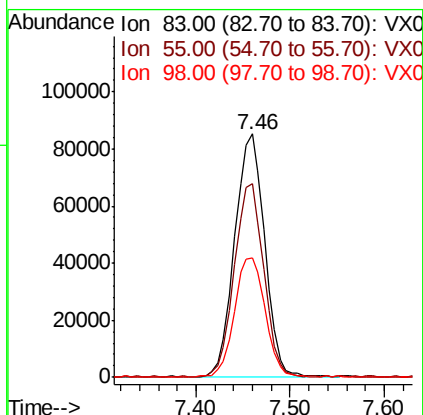
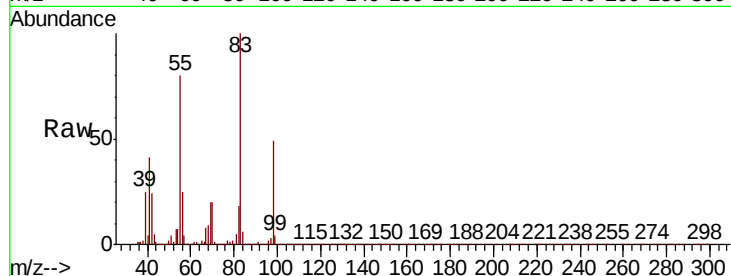




#39
Methvlcvclohexane
Concen: 18.339 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

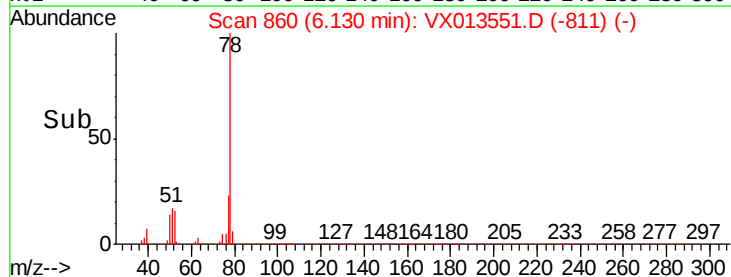
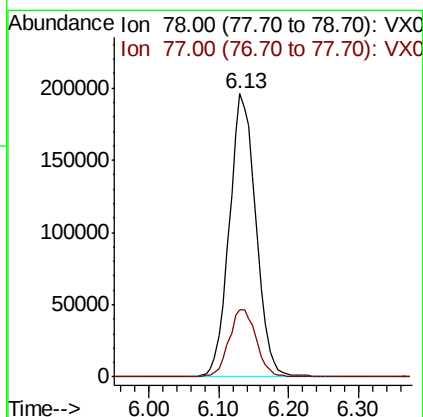
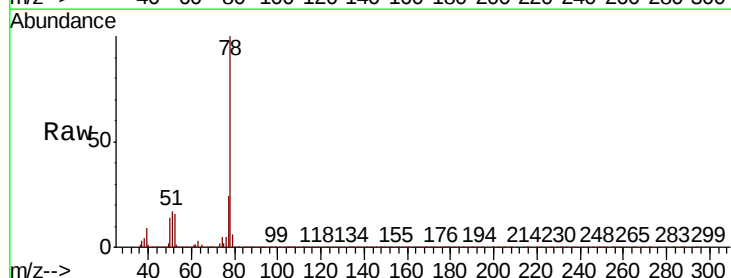
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.5	60.3	90.5
98	48.8	40.3	60.5



#40
Benzene
Concen: 19.989 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.5	29.3

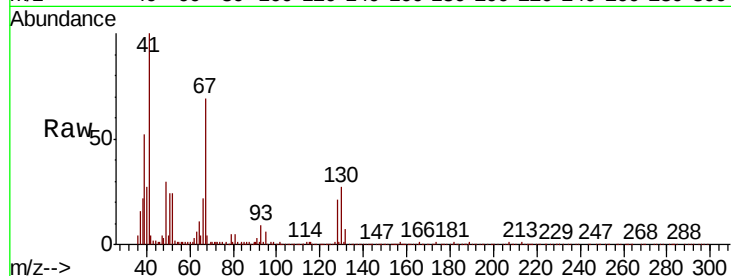




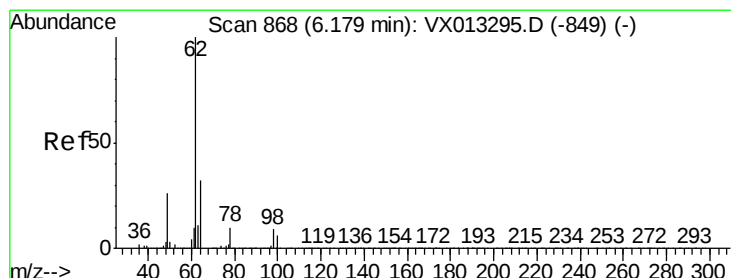
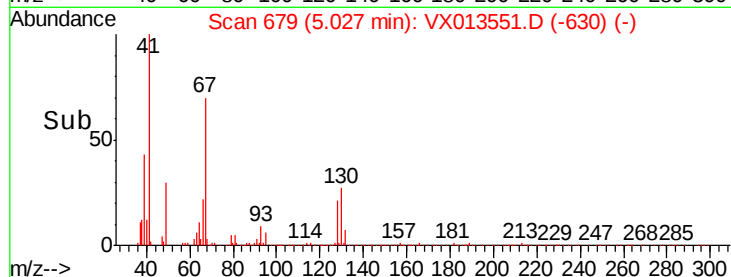
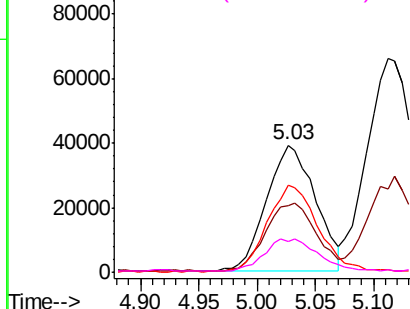
#41
Methacrylonitrile
Concen: 19.817 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion:	41	Resp:	113798
Ion	Ratio	Lower	Upper
41	100		
39	55.3	45.0	67.6
67	71.3	55.4	83.2
52	28.4	23.1	34.7

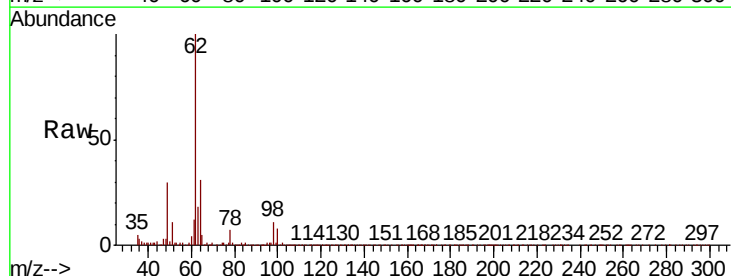


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

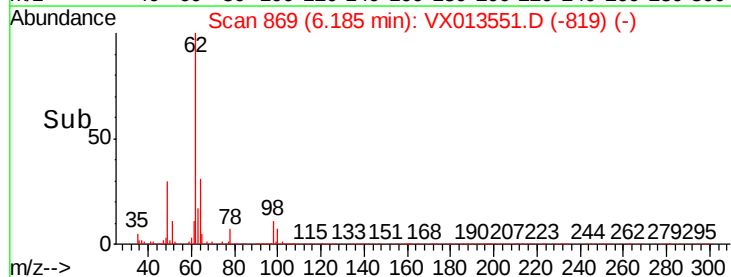
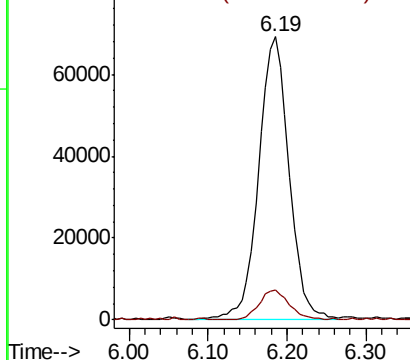


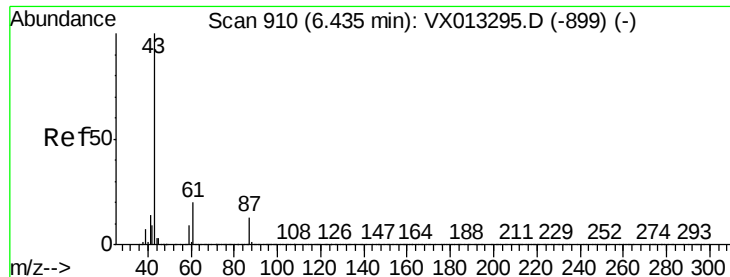
#42
1,2-Dichloroethane
Concen: 19.990 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion:	62	Resp:	186230
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: 20.416 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampled :

VX1122WBS03

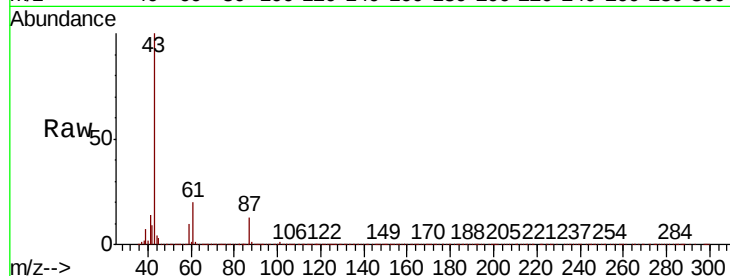
Tot Ion: 43 Resp: 325705

Ion Ratio Lower Upper

43 100

61 21.0 15.8 23.8

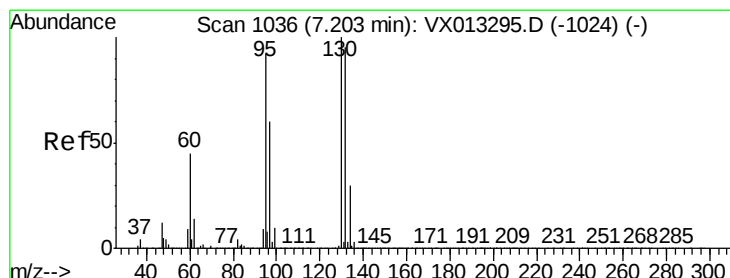
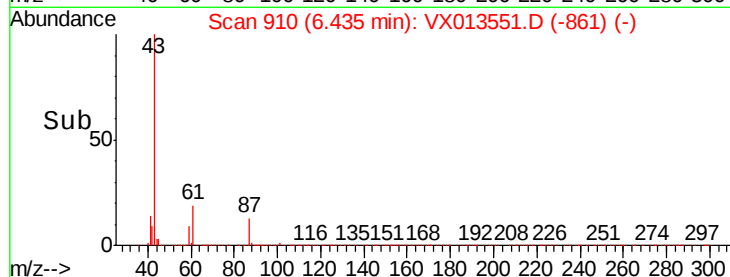
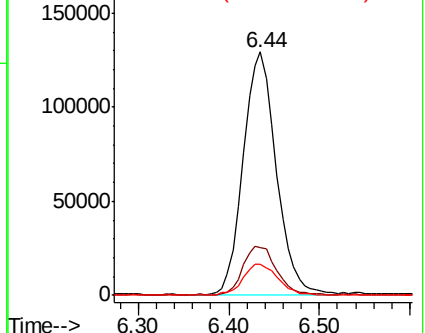
87 14.0 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 21.650 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013551.D

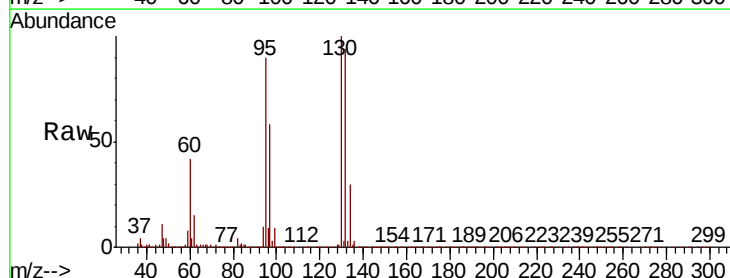
Acq: 22 Nov 2019 22:57

Tgt Ion:130 Resp: 153916

Ion Ratio Lower Upper

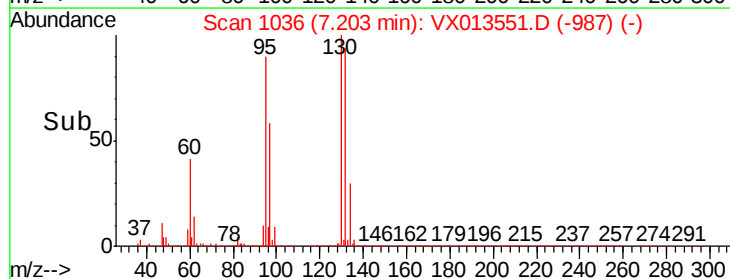
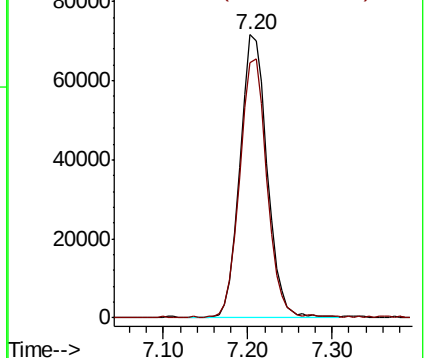
130 100

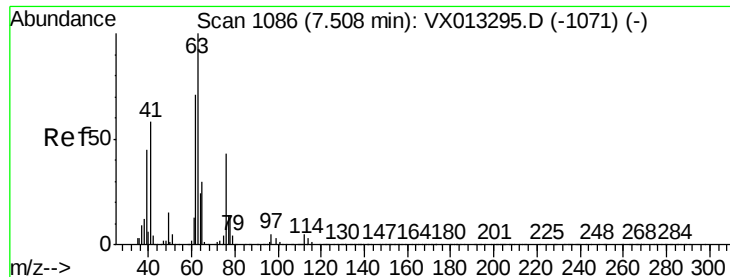
95 90.5 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

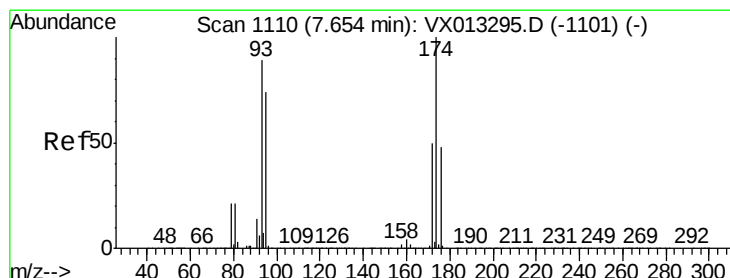
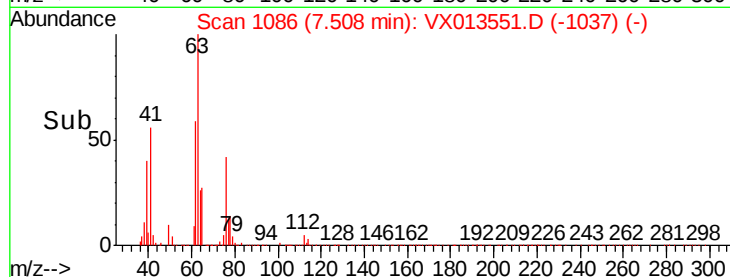
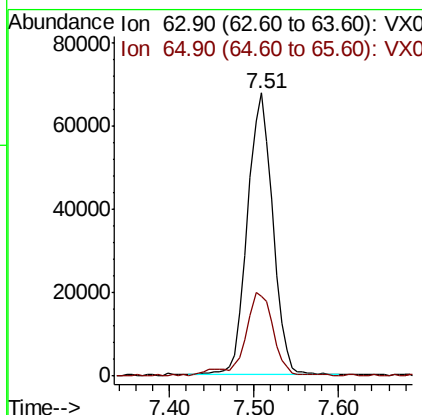
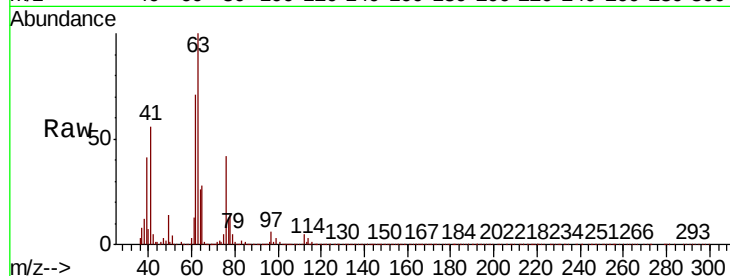




#45
 1,2-Dichloropropane
 Concen: 20.871 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013551.D
 Acq: 22 Nov 2019 22:57

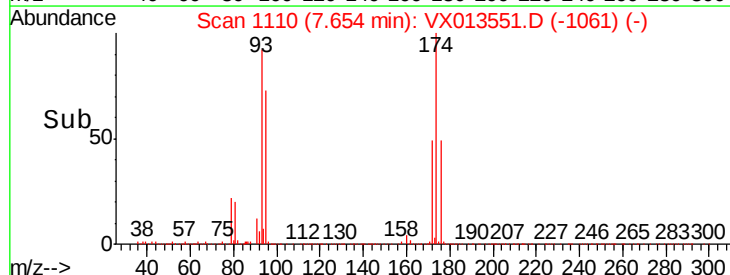
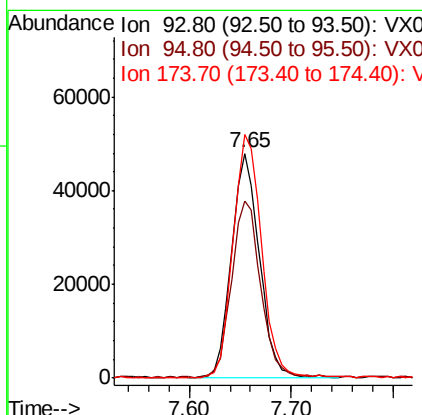
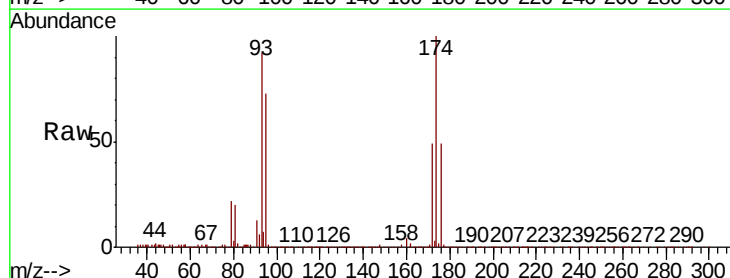
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS03

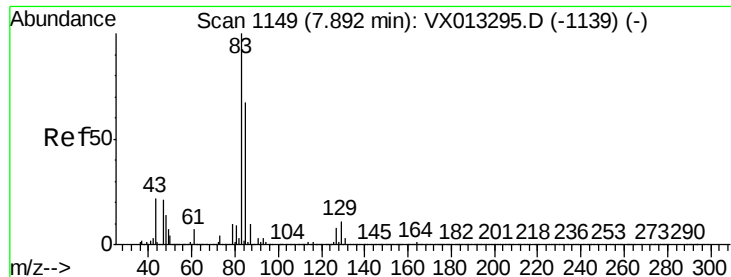
Tot Ion: 63 Resp: 137342
 Ion Ratio Lower Upper
 63 100
 65 28.3 24.3 36.5



#46
 Dibromomethane
 Concen: 20.072 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013551.D
 Acq: 22 Nov 2019 22:57

Tgt Ion: 93 Resp: 90187
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.8 98.6
 174 110.2 90.4 135.6





#47

Bromodichloromethane

Concen: 20.351 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

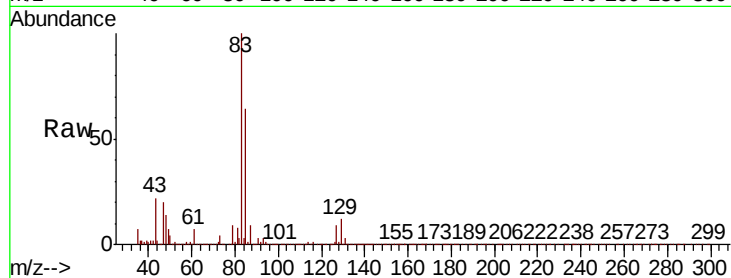
Tot Ion: 83 Resp: 172423

Ion Ratio Lower Upper

83 100

85 63.7 53.7 80.5

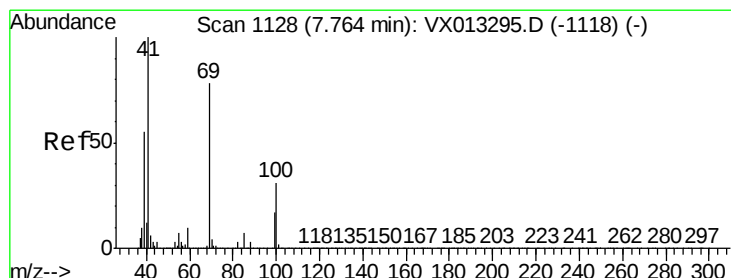
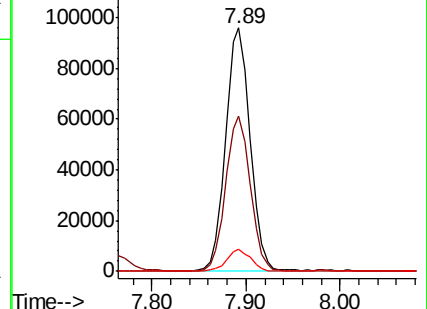
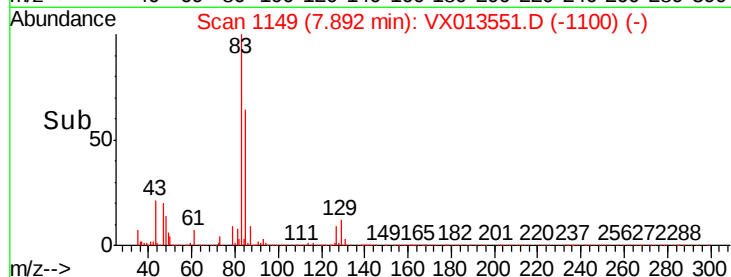
127 9.3 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX013295.D (-1139) (-)

Ion 84.90 (84.60 to 85.60): VX013295.D (-1139) (-)

Ion 126.80 (126.50 to 127.50): VX013295.D (-1139) (-)



#48

Methyl methacrylate

Concen: 20.262 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

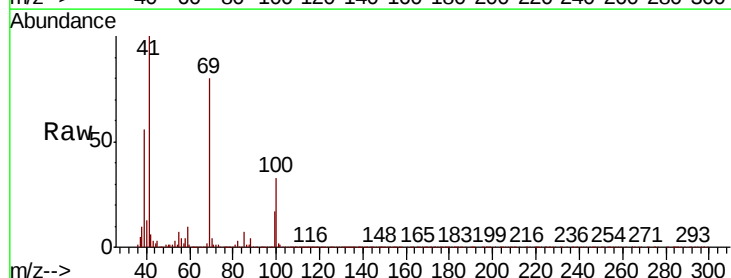
Tgt Ion: 41 Resp: 161360

Ion Ratio Lower Upper

41 100

69 81.0 63.0 94.6

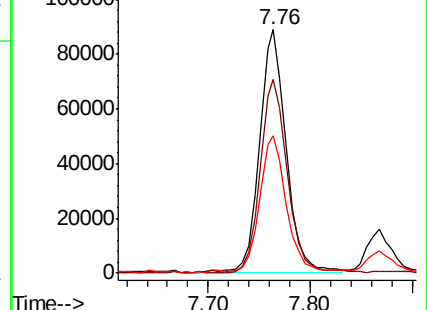
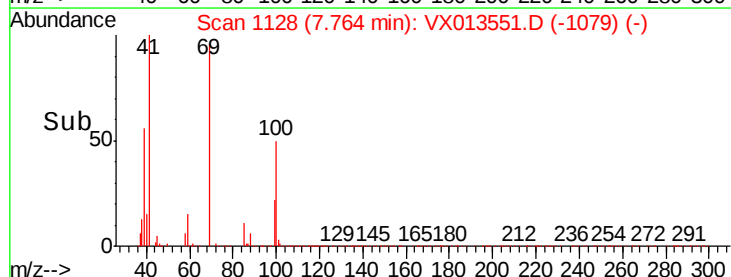
39 55.4 45.9 68.9

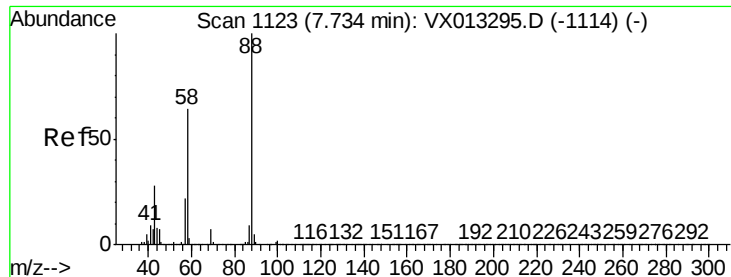


Abundance Ion 41.00 (40.70 to 41.70): VX013295.D (-1118) (-)

Ion 69.00 (68.70 to 69.70): VX013295.D (-1118) (-)

Ion 39.00 (38.70 to 39.70): VX013295.D (-1118) (-)





#49

1,4-Dioxane

Concen: 352.578 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

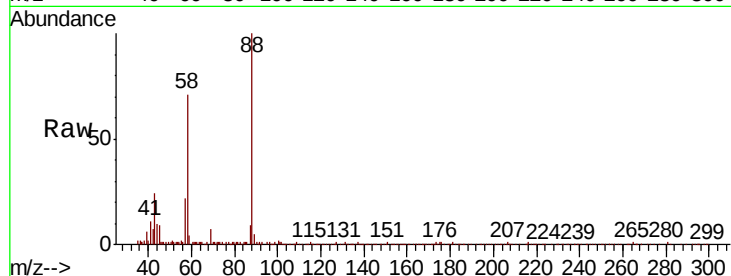
Tot Ion: 88 Resp: 64302

Ion Ratio Lower Upper

88 100

43 33.2 26.6 39.8

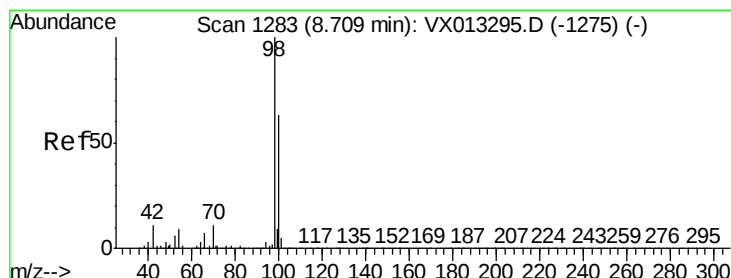
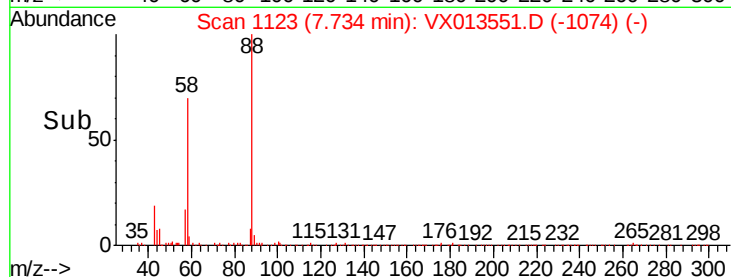
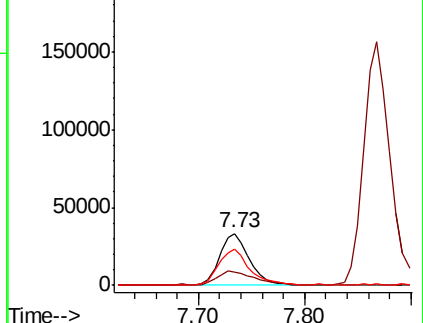
58 71.3 55.0 82.6



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: 47.476 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013551.D

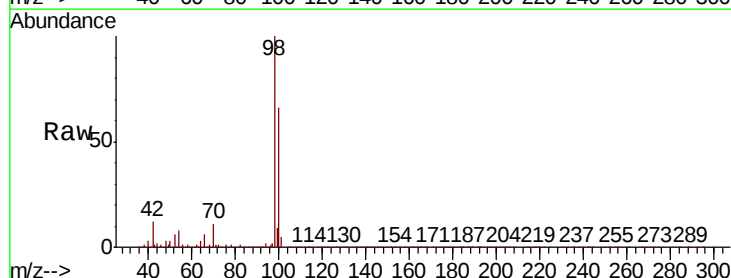
Acq: 22 Nov 2019 22:57

Tgt Ion: 98 Resp: 1084969

Ion Ratio Lower Upper

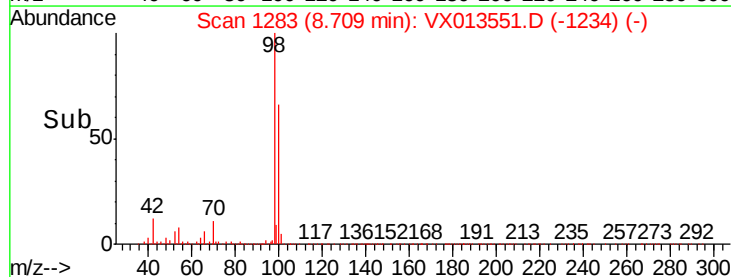
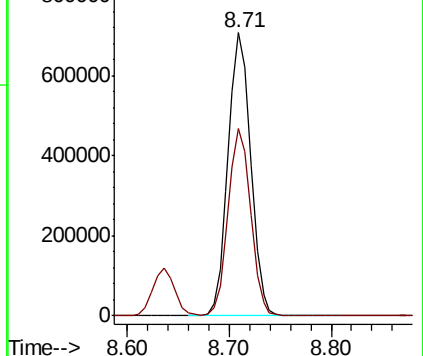
98 100

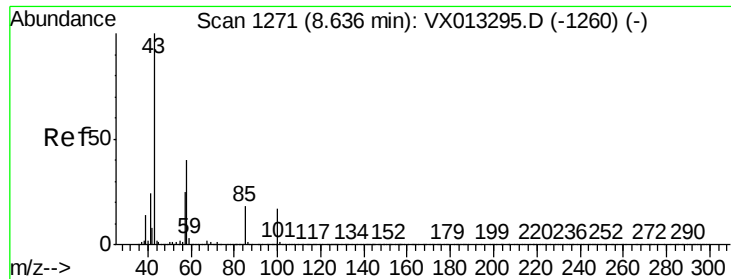
100 65.6 52.2 78.2



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: 102.932 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

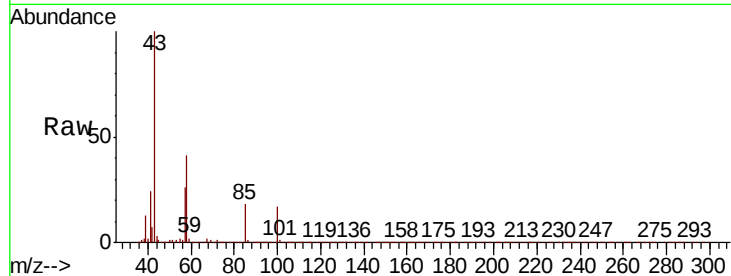
VX1122WBS03

Tot Ion: 43 Resp: 1077384

Ion Ratio Lower Upper

43 100

58 40.1 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

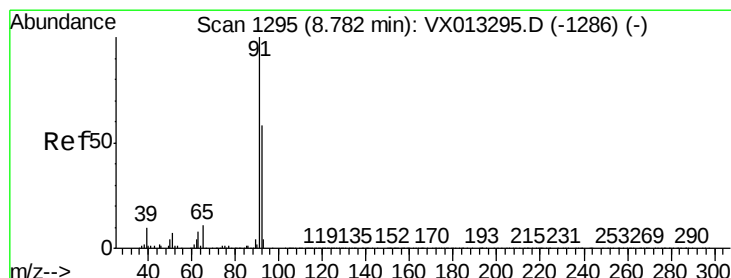
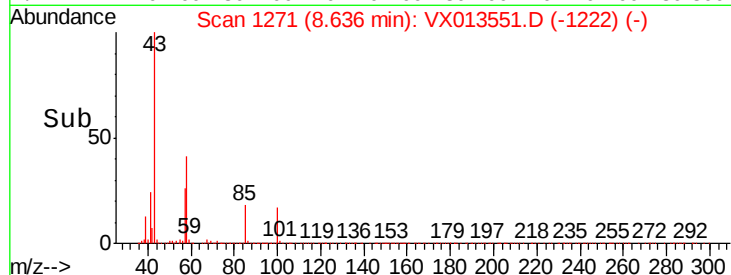
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 20.493 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013551.D

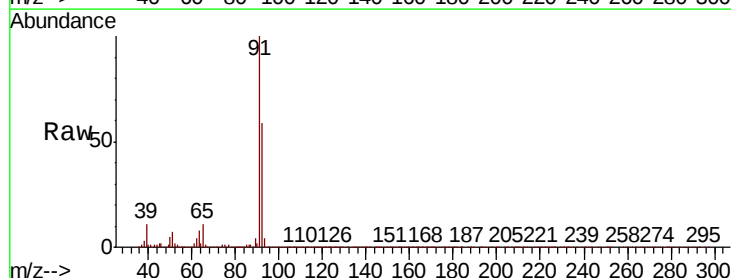
Acq: 22 Nov 2019 22:57

Tgt Ion: 92 Resp: 328045

Ion Ratio Lower Upper

92 100

91 170.0 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

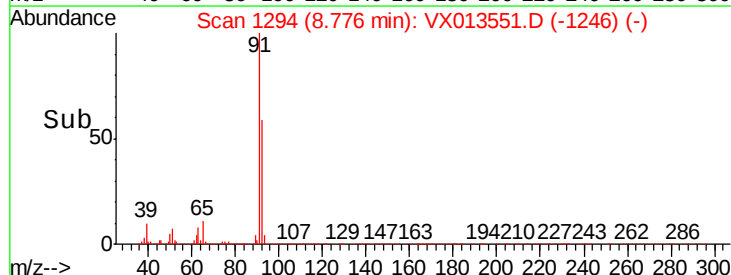
300000

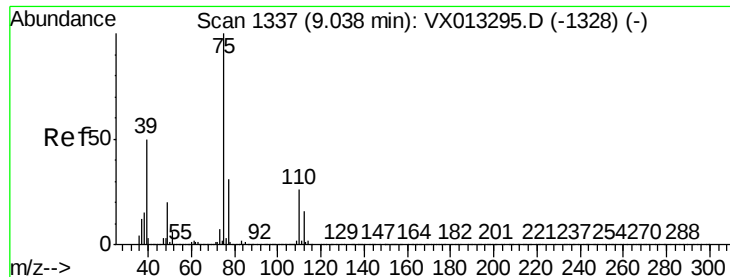
200000

100000

0

Time-->

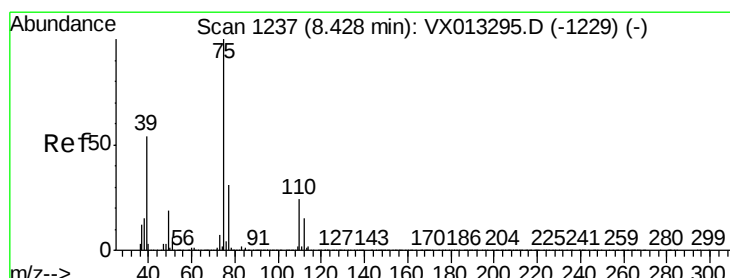
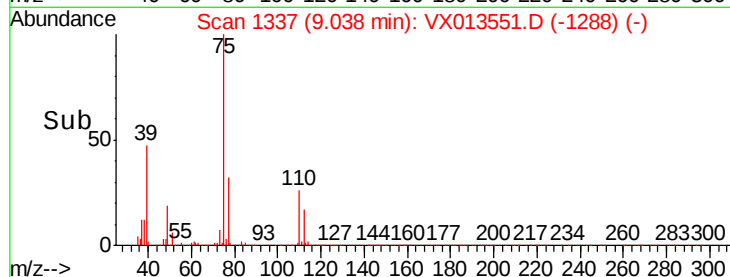
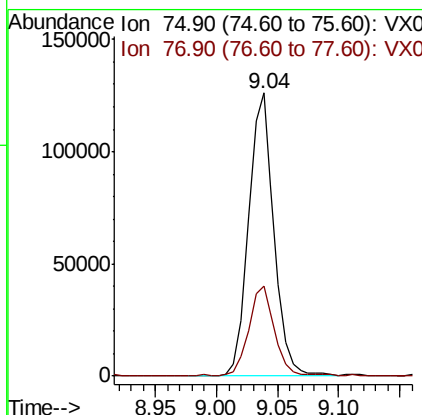
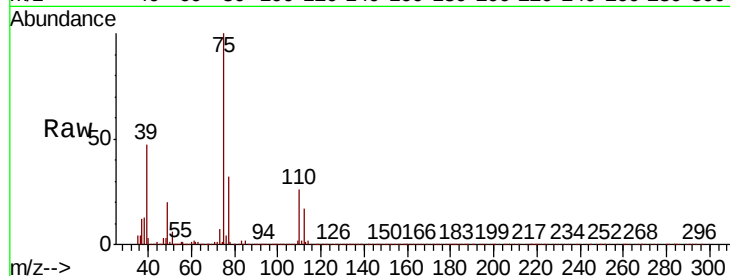




#53
t-1,3-Dichloropropene
Concen: 19.612 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

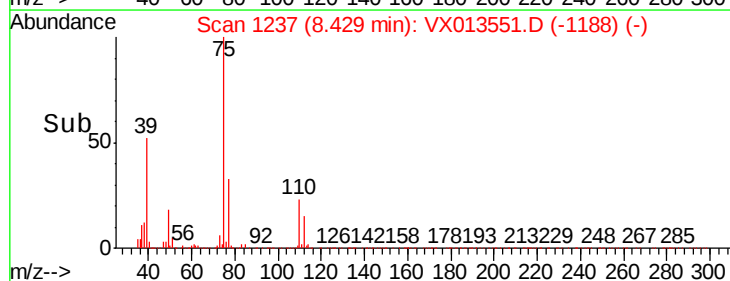
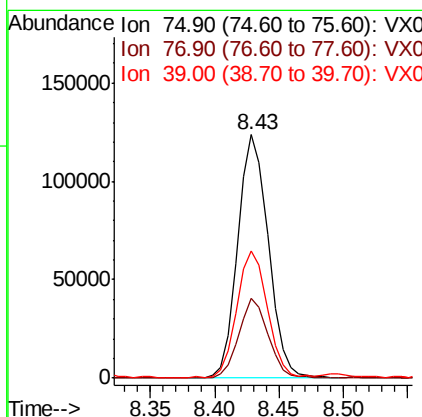
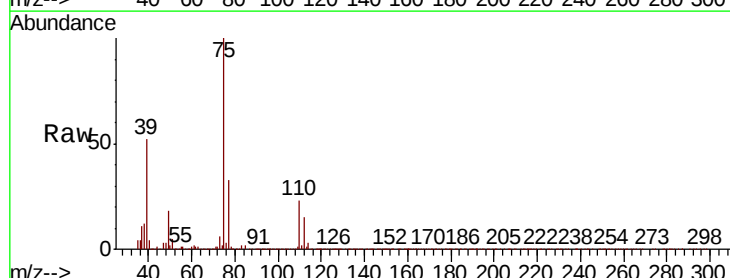
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

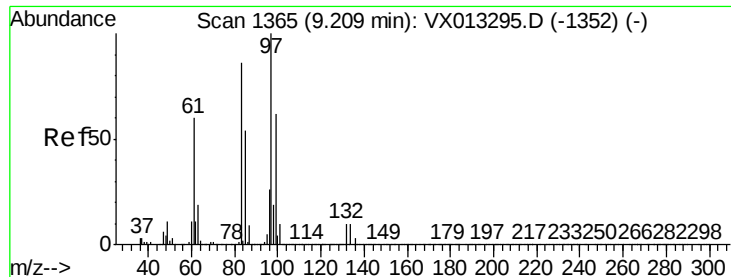
Tot Ion: 75 Resp: 181697
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 19.577 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion: 75 Resp: 202890
Ion Ratio Lower Upper
75 100
77 32.7 24.7 37.1
39 51.8 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 20.828 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

Tot Ion: 97 Resp: 138190

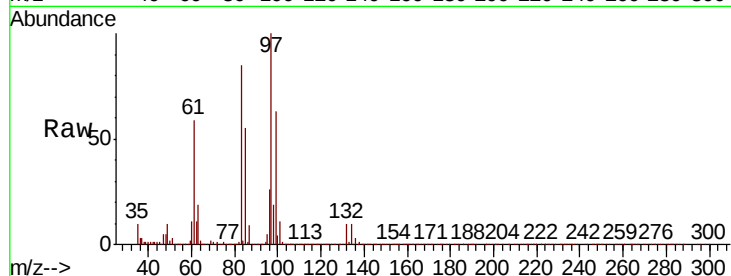
Ion Ratio Lower Upper

97 100

83 85.2 68.6 103.0

85 54.4 43.1 64.7

99 63.1 49.4 74.0

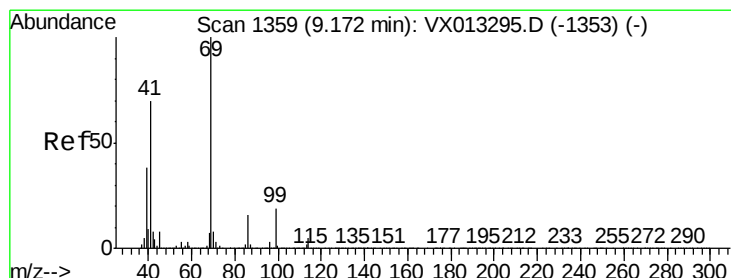
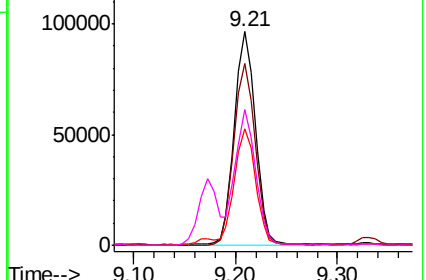
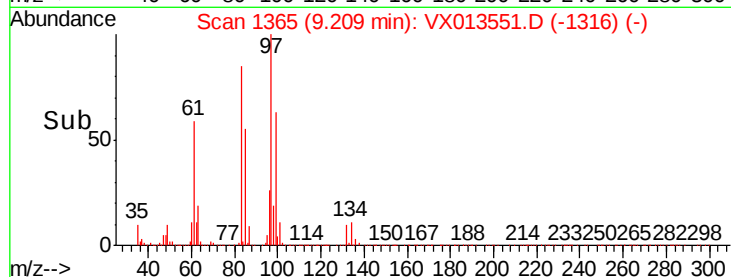


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.018 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

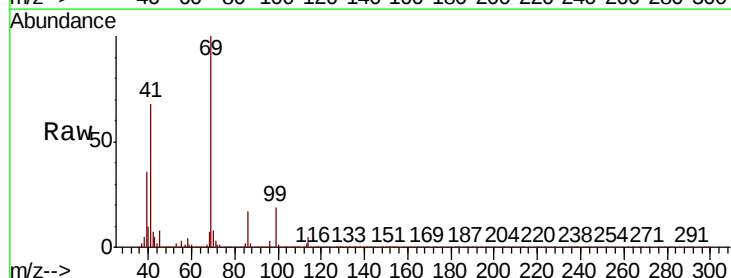
Tgt Ion: 69 Resp: 215787

Ion Ratio Lower Upper

69 100

41 68.5 56.2 84.2

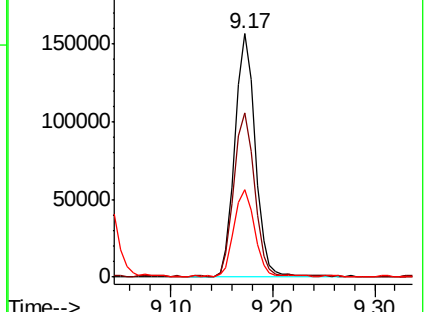
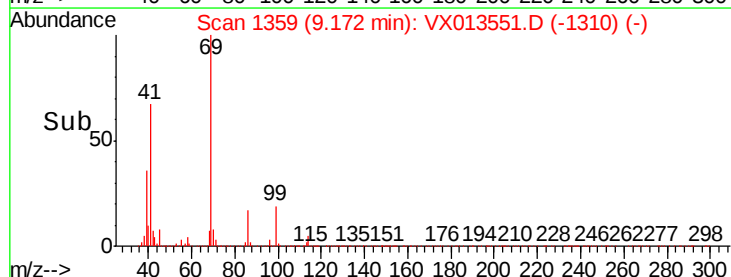
39 36.5 31.1 46.7



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

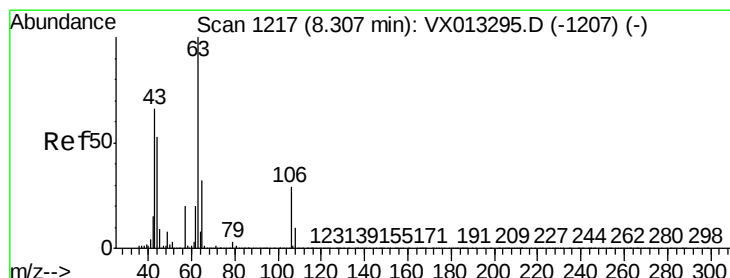
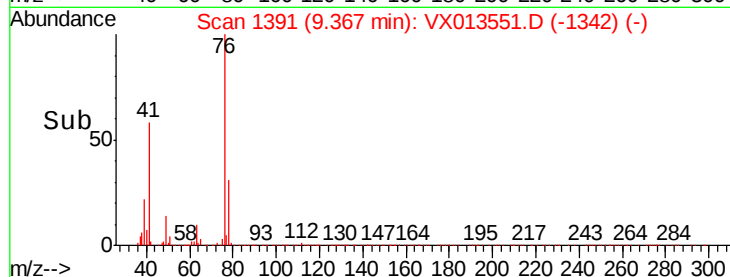
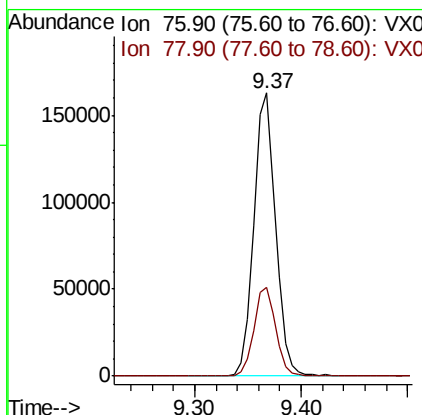
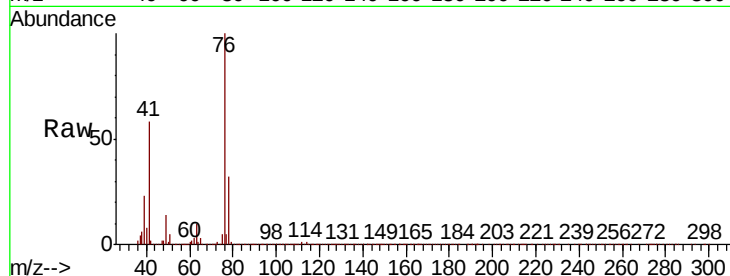




#57
 1,3-Dichloropropane
 Concen: 20.802 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX013551.D
 Acq: 22 Nov 2019 22:57

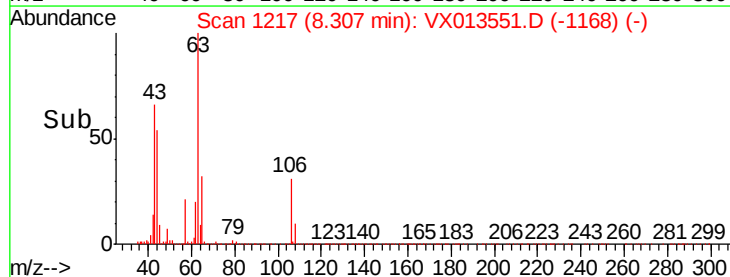
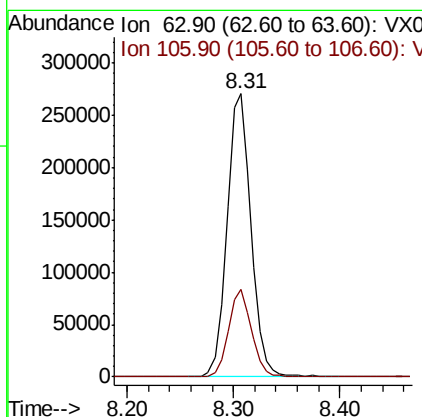
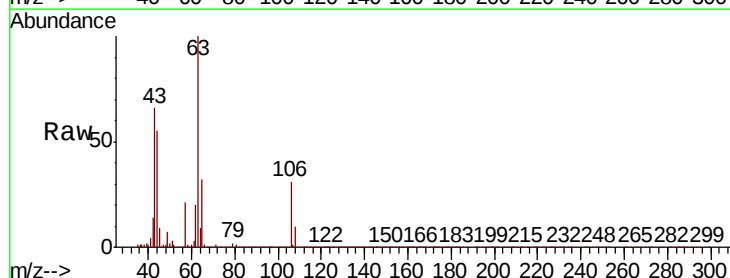
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS03

Tot Ion: 76 Resp: 234291
 Ion Ratio Lower Upper
 76 100
 78 31.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.843 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX013551.D
 Acq: 22 Nov 2019 22:57

Tgt Ion: 63 Resp: 425731
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.4 35.2

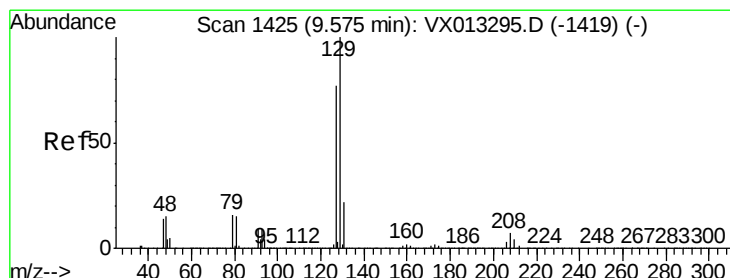
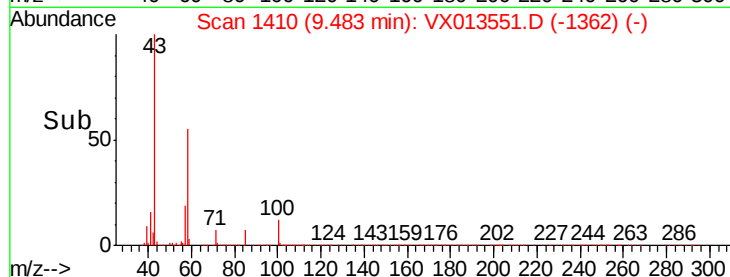
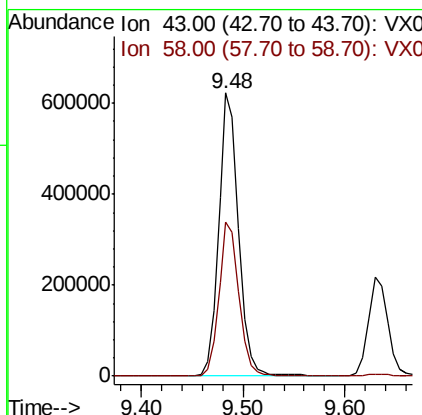
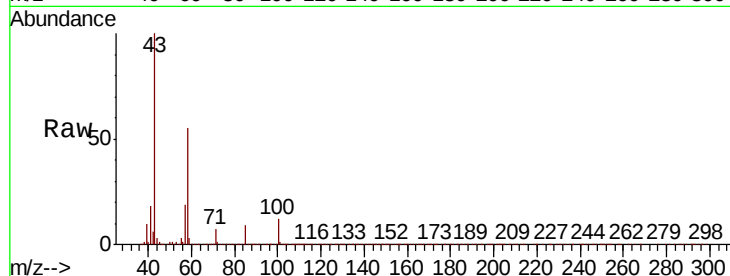




#59
2-Hexanone
Concen: 104.374 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

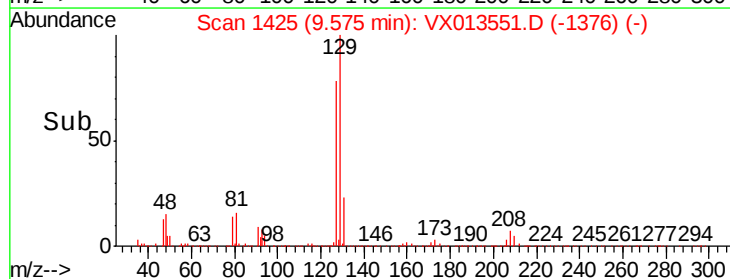
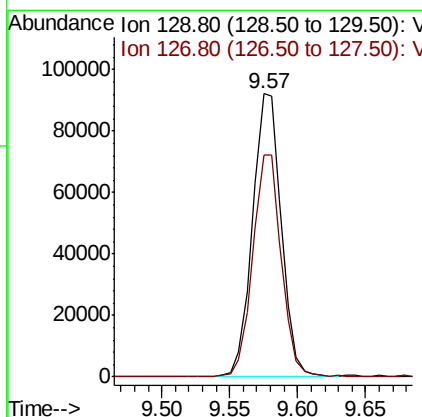
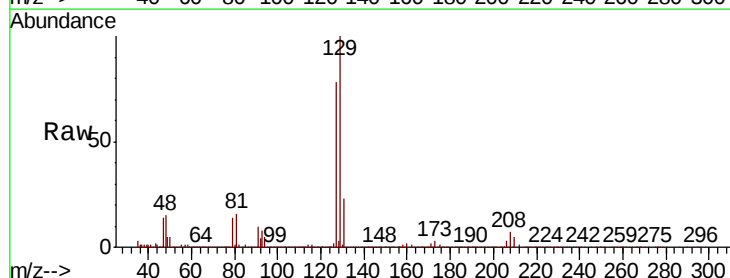
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

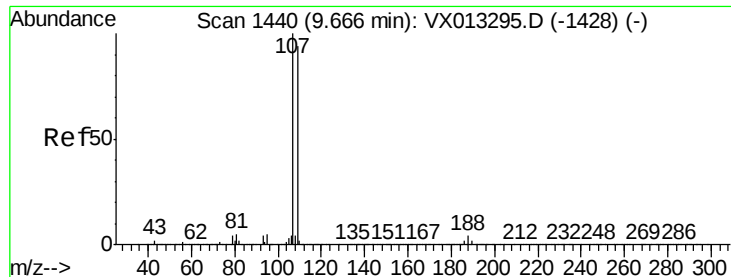
Tot Ion: 43 Resp: 844241
Ion Ratio Lower Upper
43 100
58 55.1 27.3 81.8



#60
Dibromochloromethane
Concen: 20.196 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion: 129 Resp: 137047
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.150 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

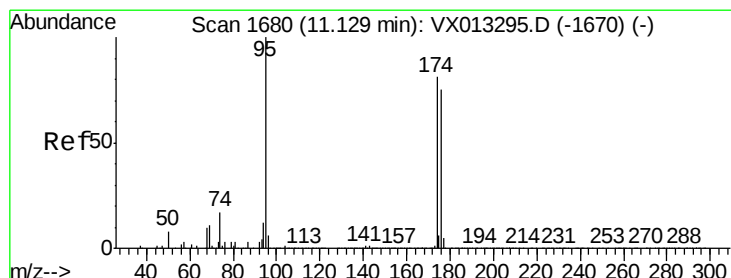
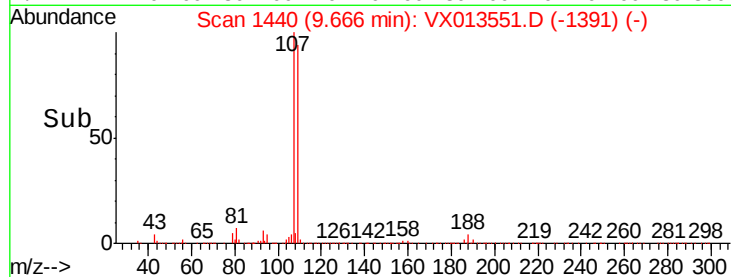
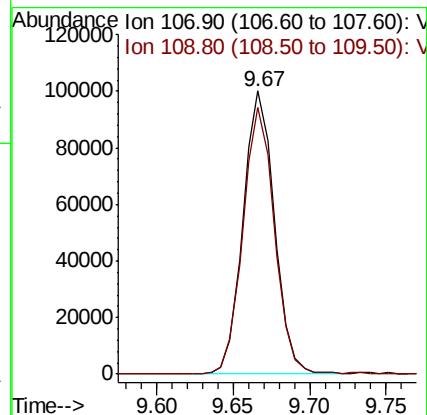
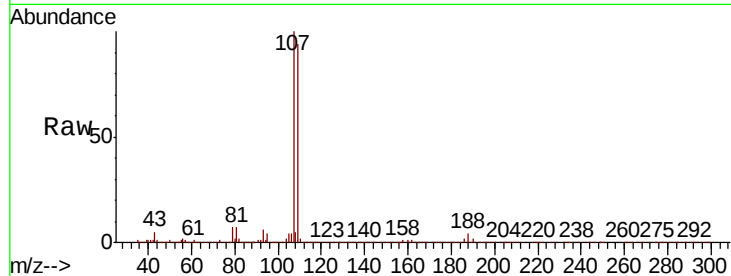
VX1122WBS03

Tot Ion:107 Resp: 141967

Ion Ratio Lower Upper

107 100

109 95.0 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 47.106 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

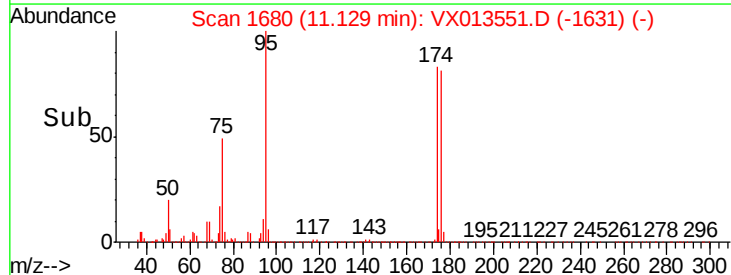
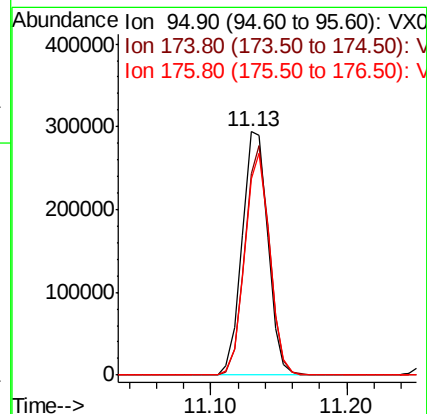
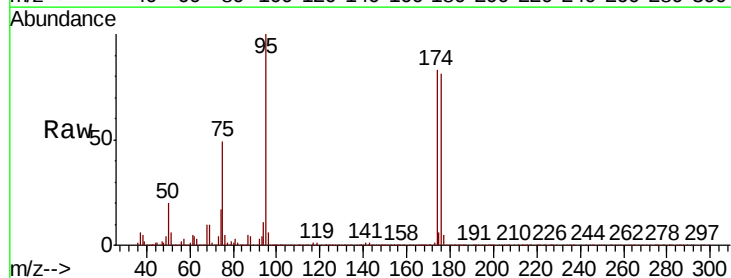
Tgt Ion: 95 Resp: 388517

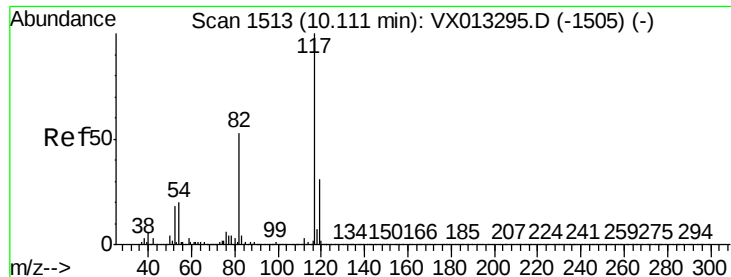
Ion Ratio Lower Upper

95 100

174 89.9 0.0 179.8

176 87.8 0.0 173.0

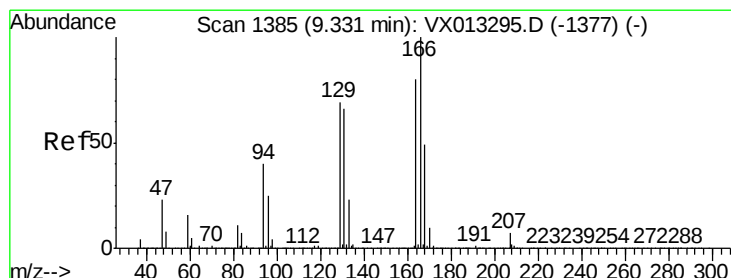
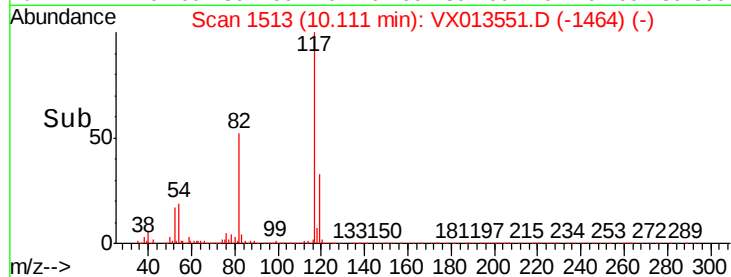
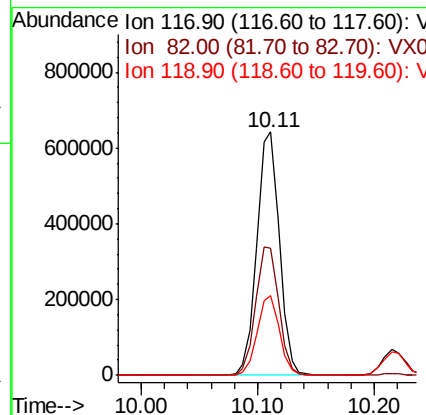
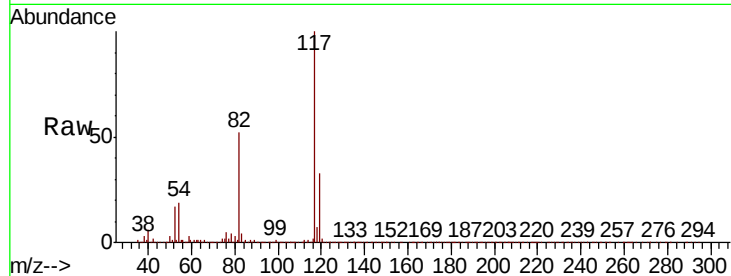




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

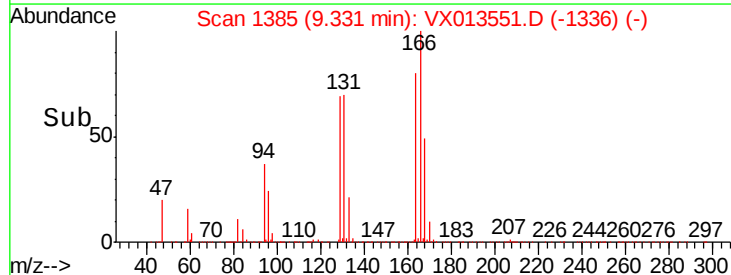
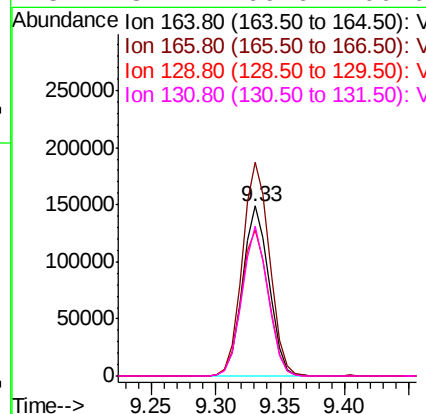
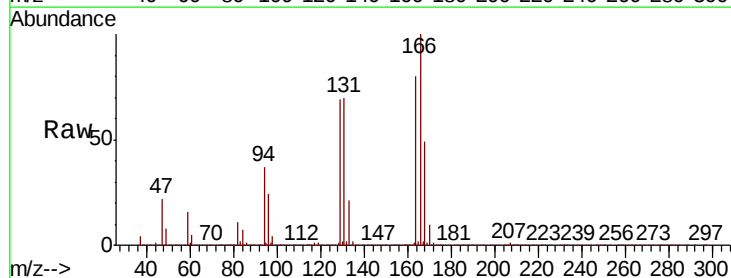
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

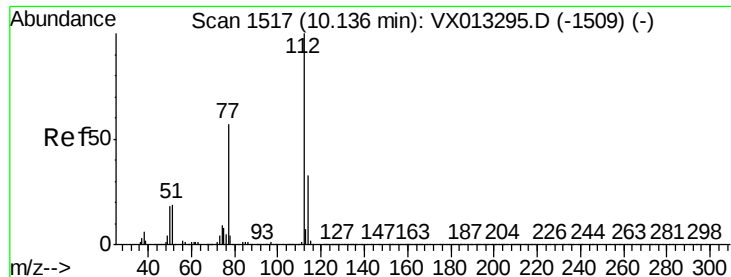
Tot Ion:117 Resp: 869472
Ion Ratio Lower Upper
117 100
82 52.3 42.6 64.0
119 32.6 24.8 37.2



#64
Tetrachloroethene
Concen: 34.121 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion:164 Resp: 212380
Ion Ratio Lower Upper
164 100
166 125.3 100.4 150.6
129 86.0 69.4 104.2
131 87.7 66.6 100.0





#65

Chlorobenzene

Concen: 20.139 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

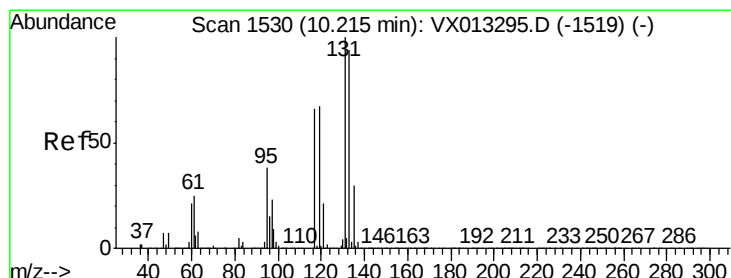
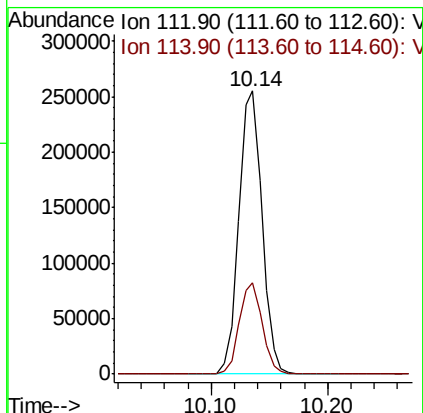
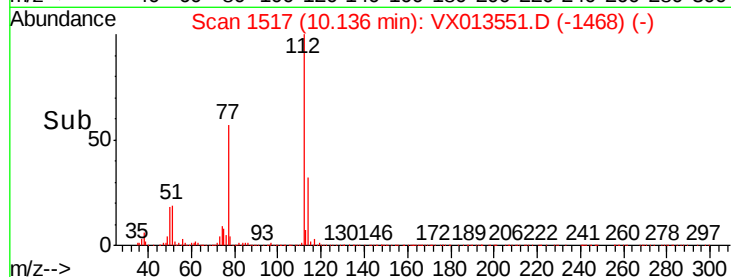
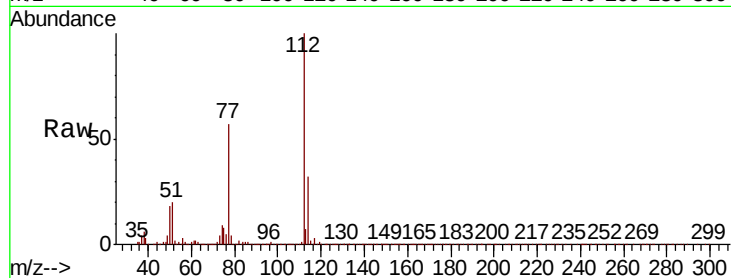
VX1122WBS03

Tot Ion:112 Resp: 354507

Ion Ratio Lower Upper

112 100

114 32.5 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.990 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

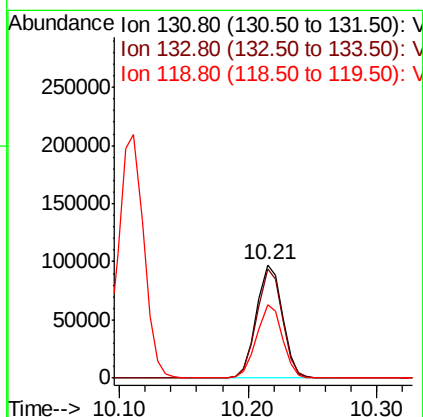
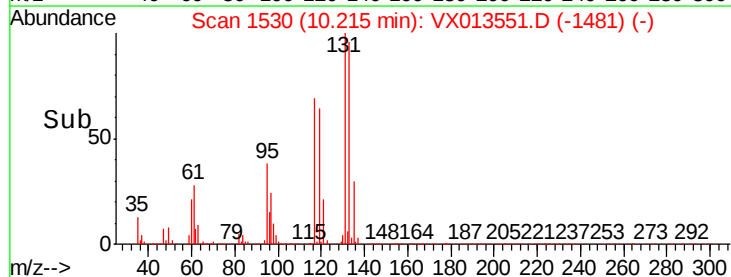
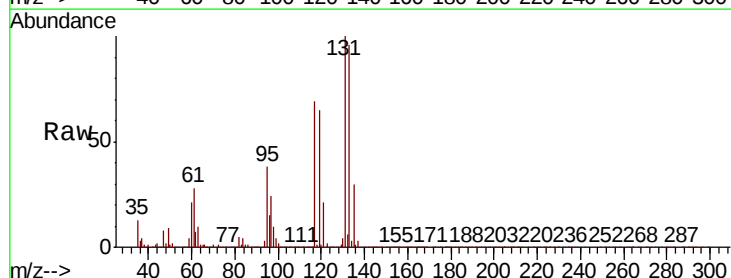
Tgt Ion:131 Resp: 135663

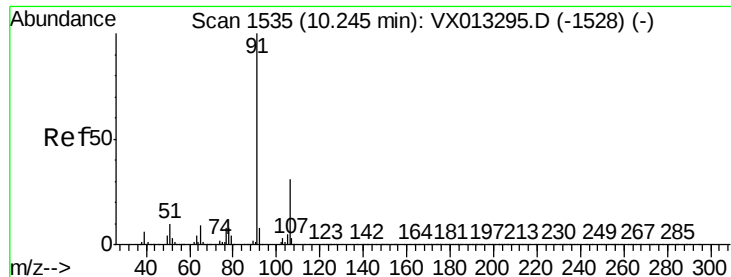
Ion Ratio Lower Upper

131 100

133 94.7 48.0 144.0

119 64.1 33.0 99.0





#67

Ethyl Benzene

Concen: 20.161 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

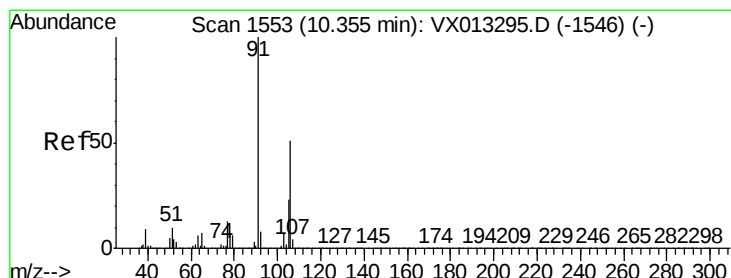
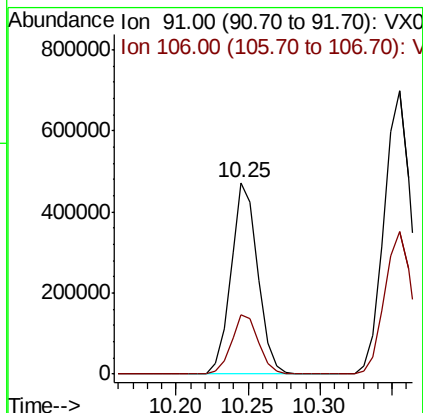
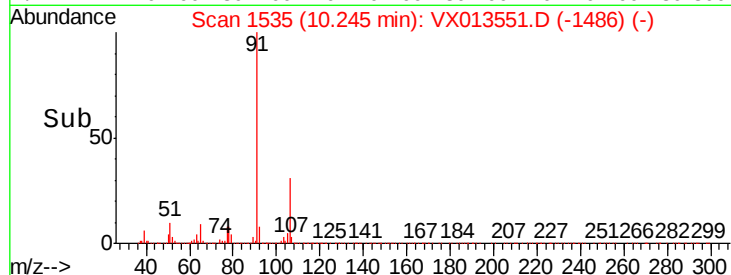
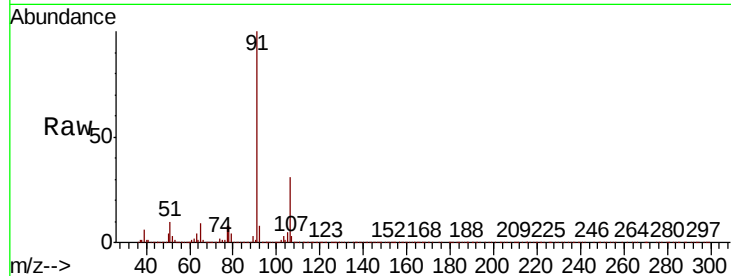
VX1122WBS03

Tot Ion: 91 Resp: 612510

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 40.493 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013551.D

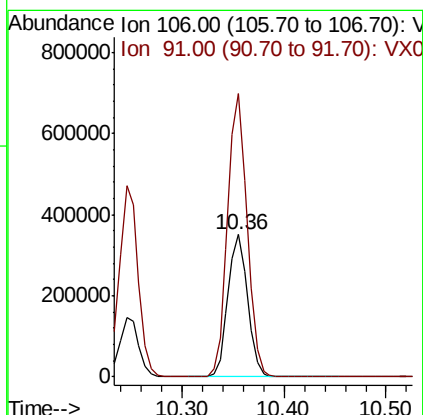
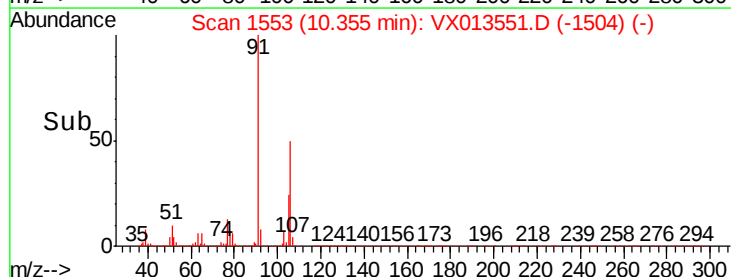
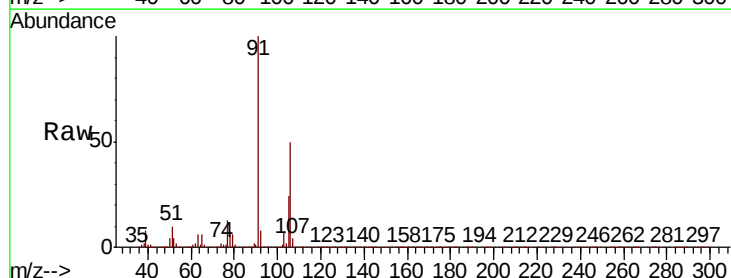
Acq: 22 Nov 2019 22:57

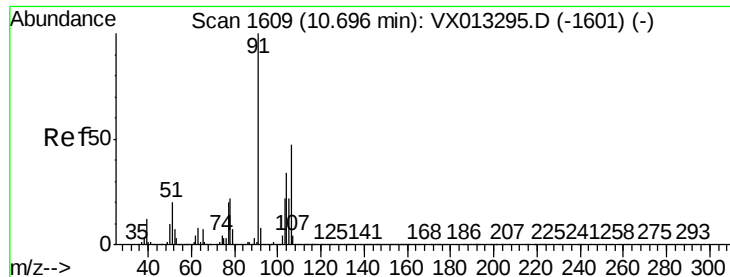
Tgt Ion: 106 Resp: 465253

Ion Ratio Lower Upper

106 100

91 198.2 159.3 238.9

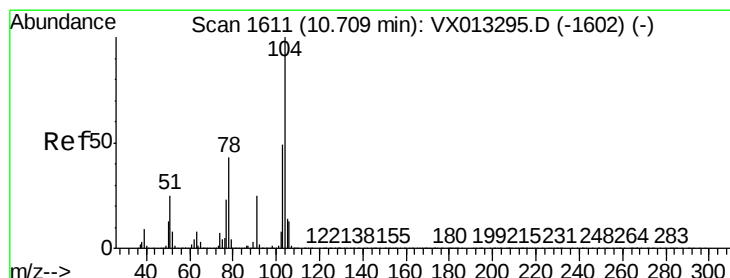
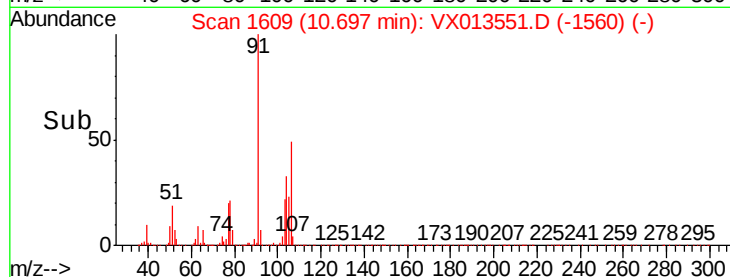
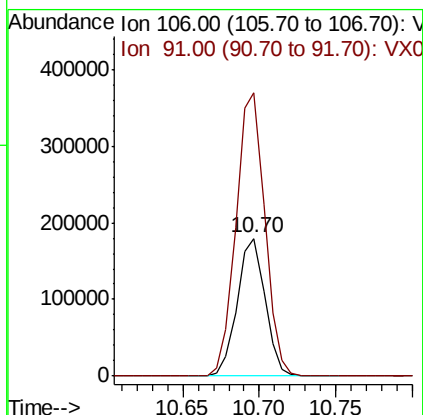
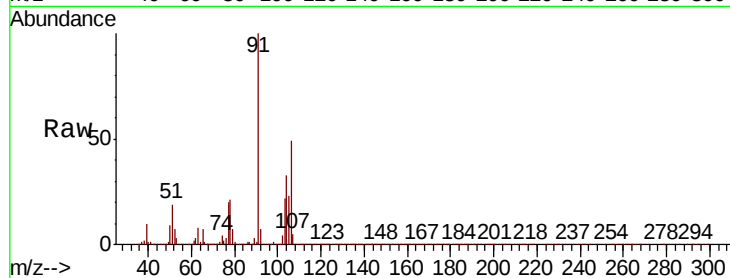




#69
o-Xylene
Concen: 20.225 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

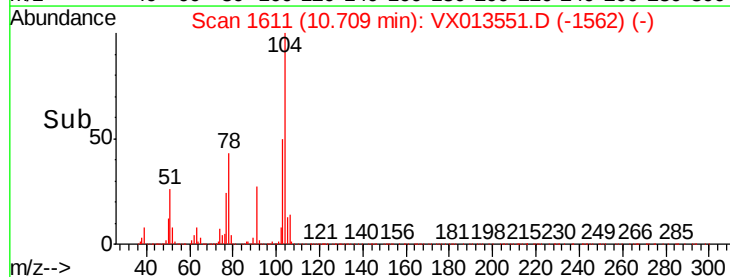
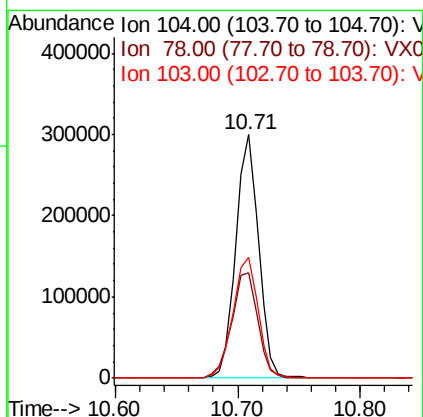
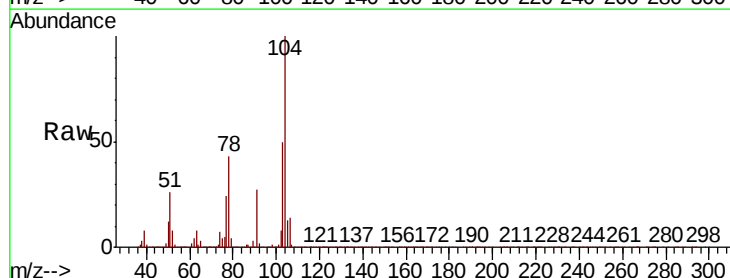
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

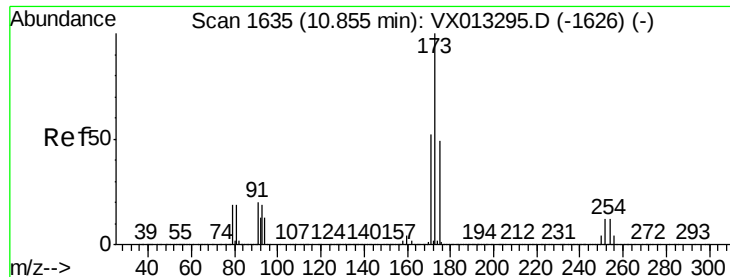
Tot Ion:106 Resp: 227501
Ion Ratio Lower Upper
106 100
91 212.0 105.7 317.0



#70
Styrene
Concen: 20.496 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion:104 Resp: 385407
Ion Ratio Lower Upper
104 100
78 49.3 40.0 60.0
103 55.1 44.1 66.1





#71

Bromoform

Concen: 19.513 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

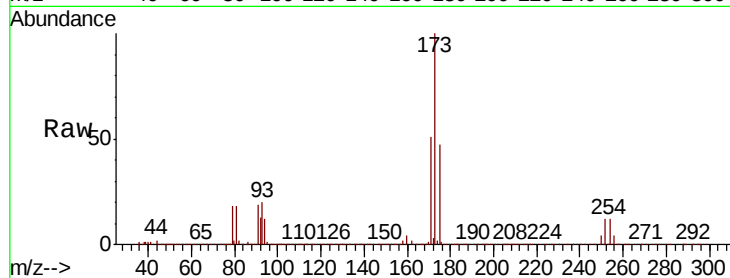
Tot Ion:173 Resp: 104433

Ion Ratio Lower Upper

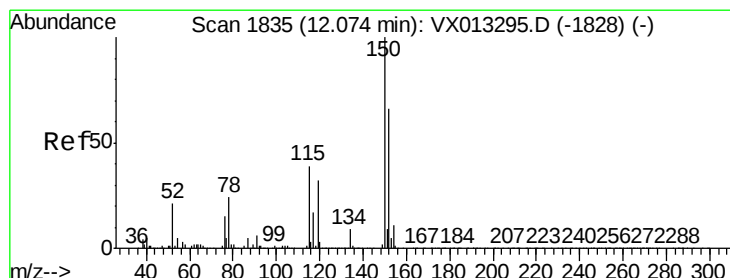
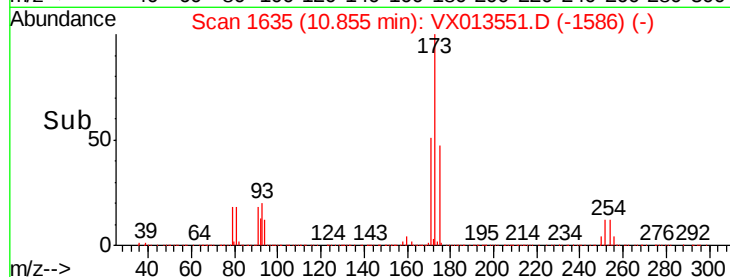
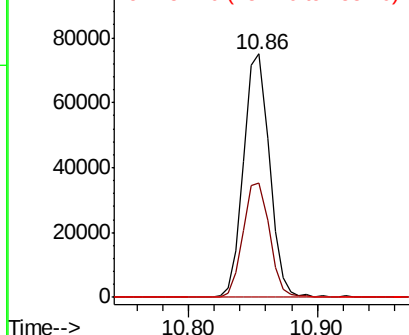
173 100

175 48.3 24.8 74.4

254 0.4 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

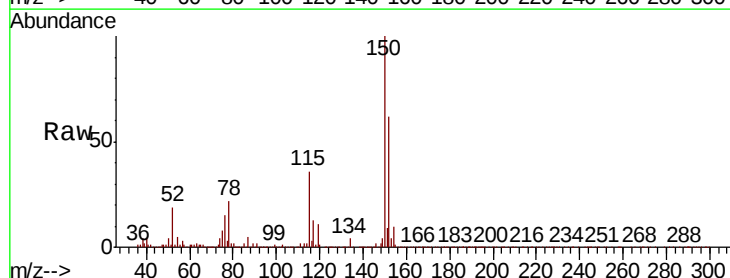
Tgt Ion:152 Resp: 426373

Ion Ratio Lower Upper

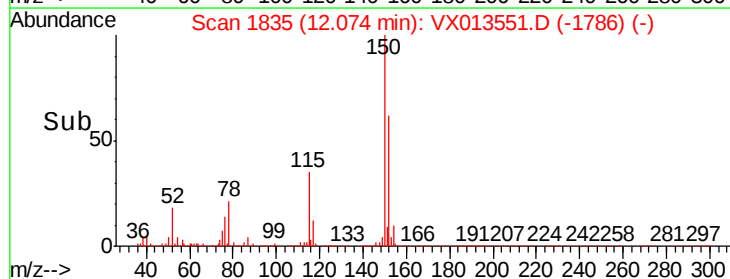
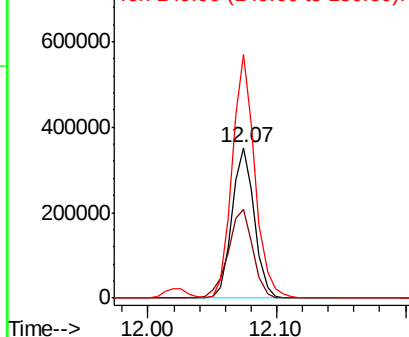
152 100

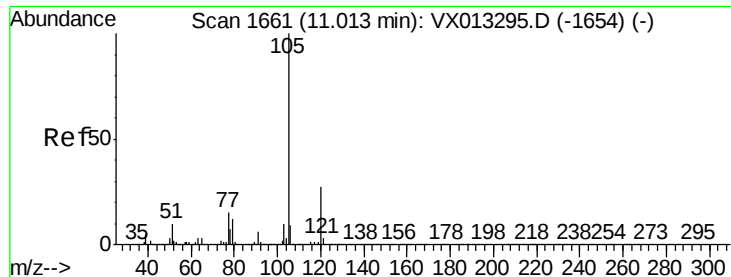
115 65.3 39.5 118.3

150 163.8 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.867 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

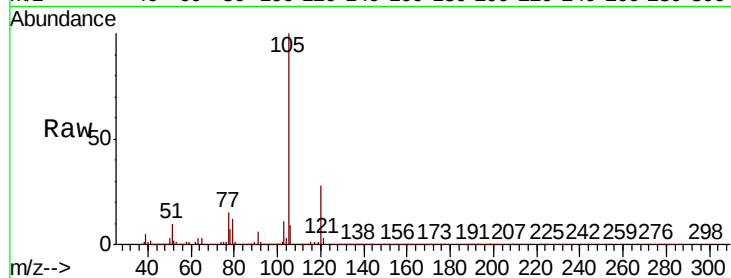
VX1122WBS03

Tot Ion:105 Resp: 618149

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

500000

400000

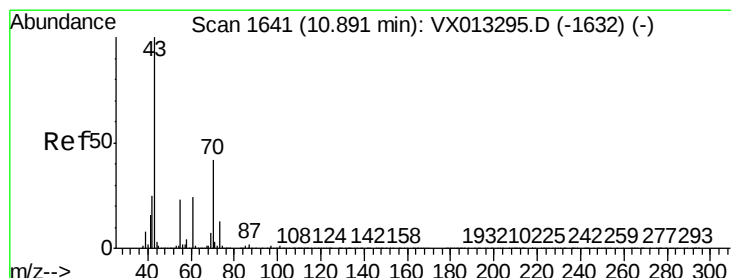
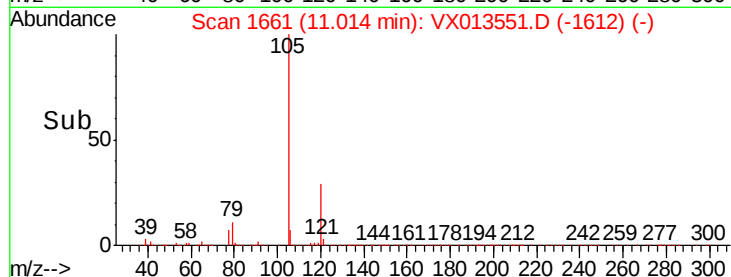
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 21.402 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Tgt Ion: 43 Resp: 280555

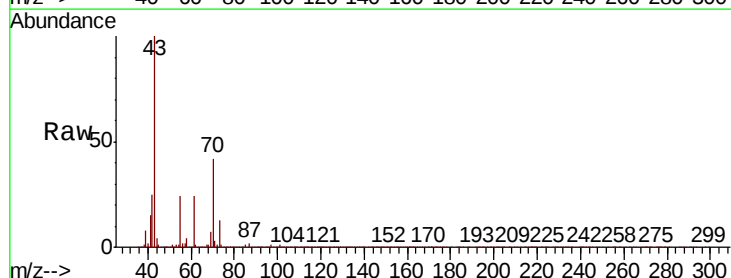
Ion Ratio Lower Upper

43 100

70 42.9 34.1 51.1

55 24.2 18.9 28.3

61 24.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

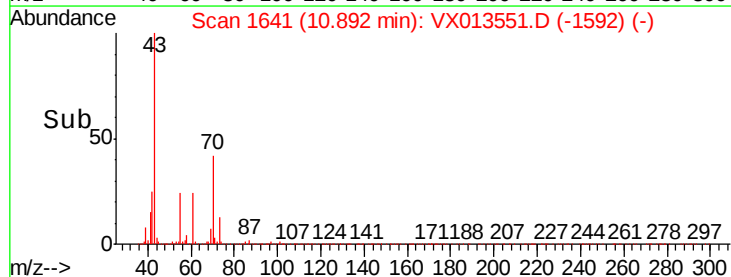
300000

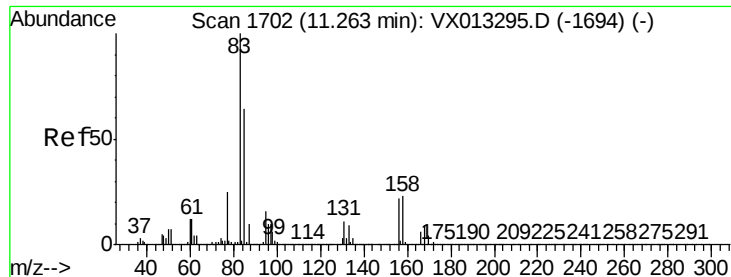
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 18.658 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

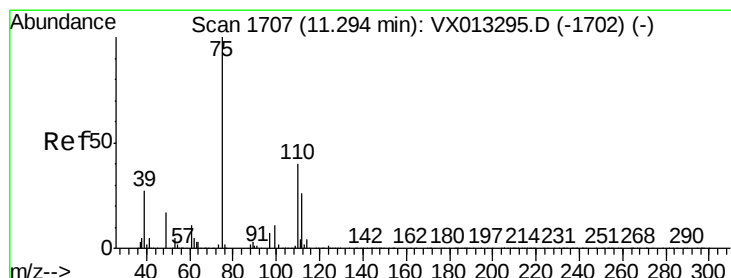
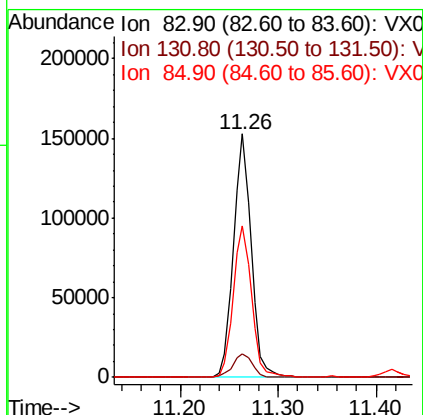
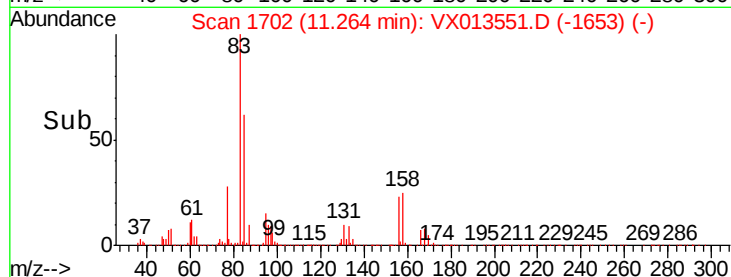
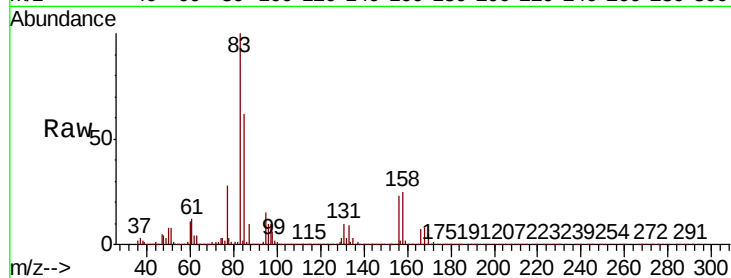
Tot Ion: 83 Resp: 192424

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

85 64.2 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 27.973 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013551.D

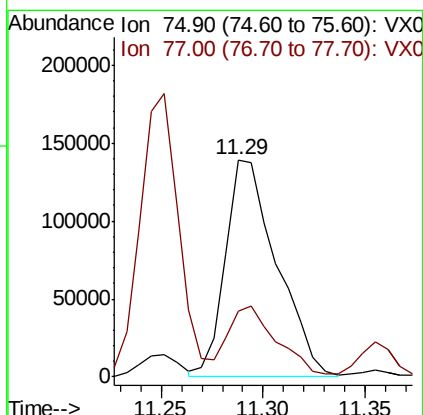
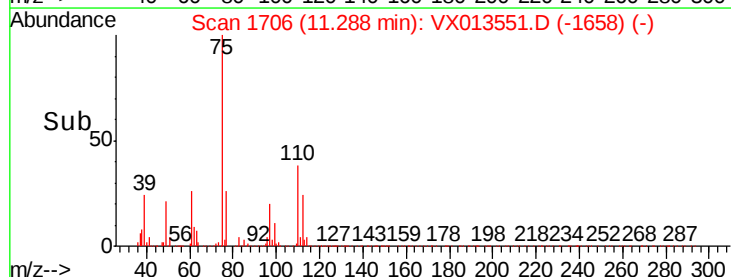
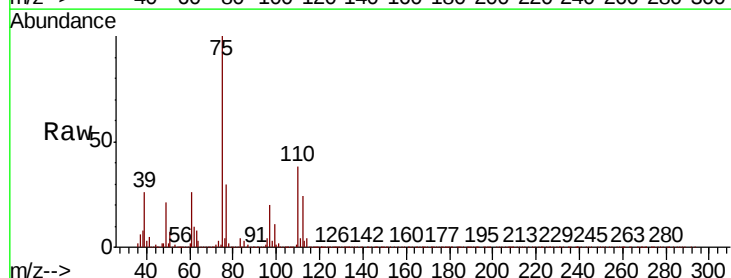
Acq: 22 Nov 2019 22:57

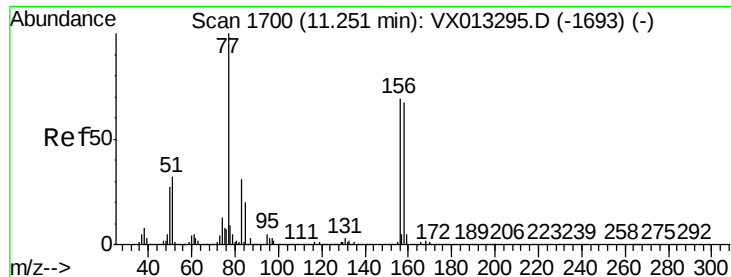
Tgt Ion: 75 Resp: 242252

Ion Ratio Lower Upper

75 100

77 30.4 22.3 66.8





#77

Bromobenzene

Concen: 21.362 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

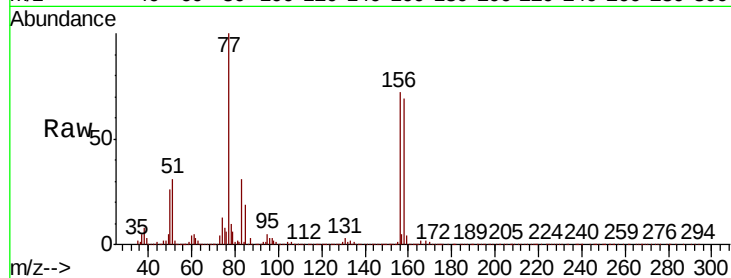
Tot Ion:156 Resp: 160990

Ion Ratio Lower Upper

156 100

77 148.7 75.8 227.4

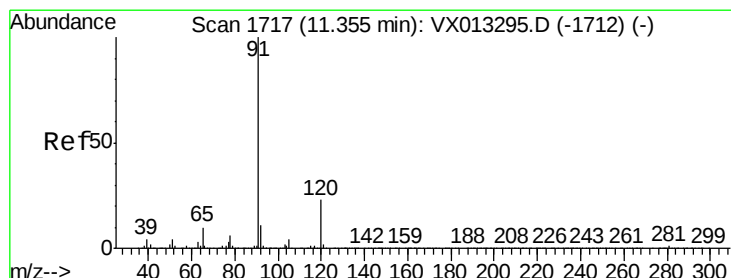
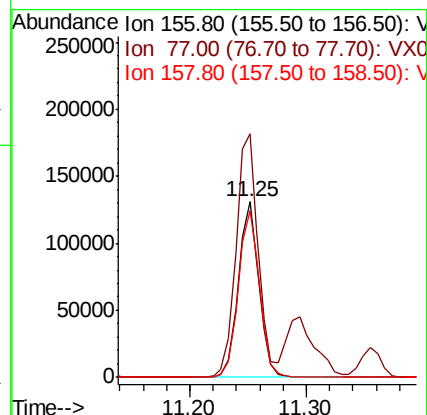
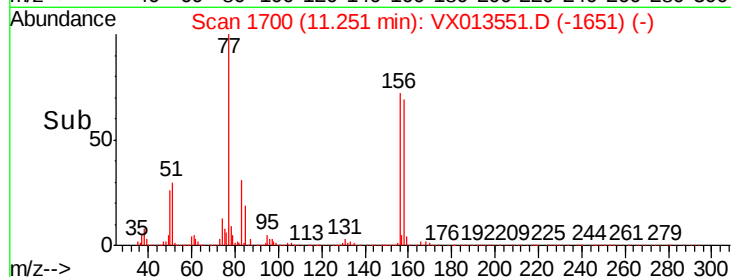
158 98.0 47.6 142.8



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: 21.413 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013551.D

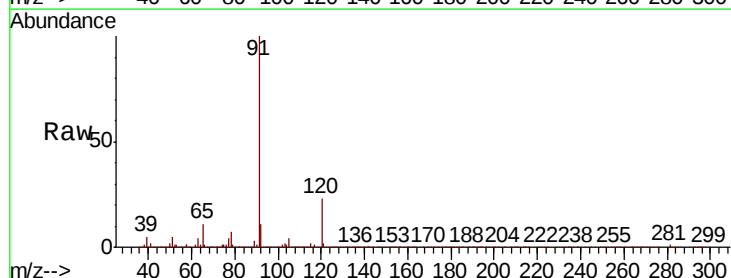
Acq: 22 Nov 2019 22:57

Tgt Ion: 91 Resp: 674298

Ion Ratio Lower Upper

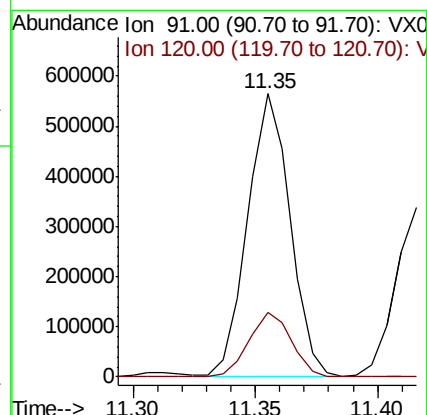
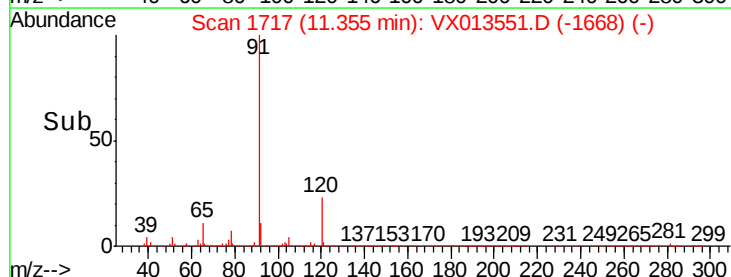
91 100

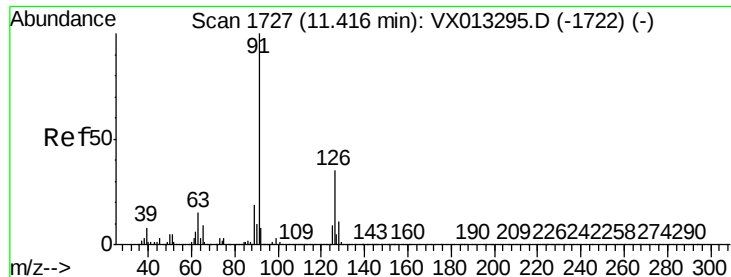
120 22.9 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

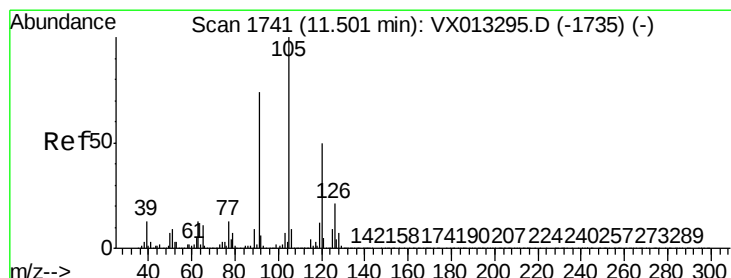
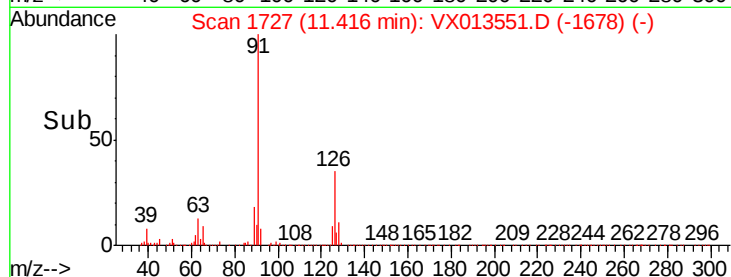
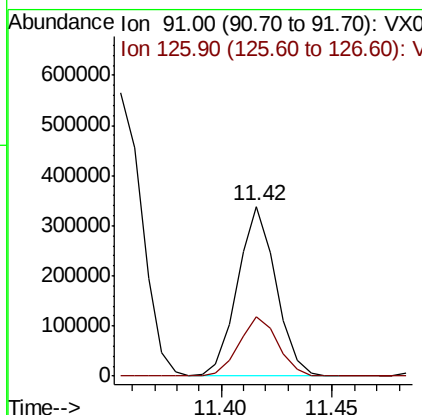
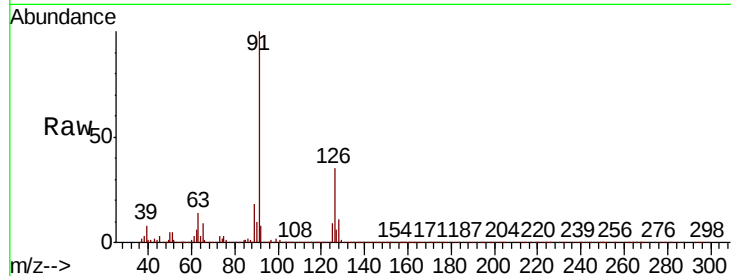




#79
2-Chlorotoluene
Concen: 21.357 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

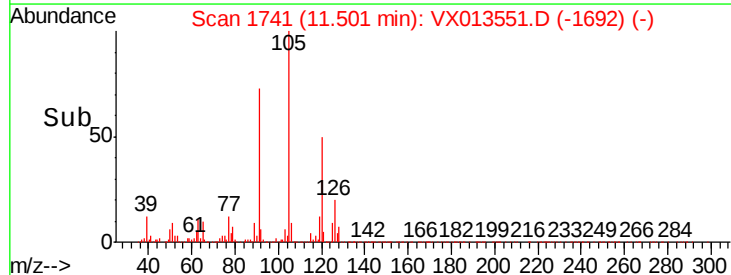
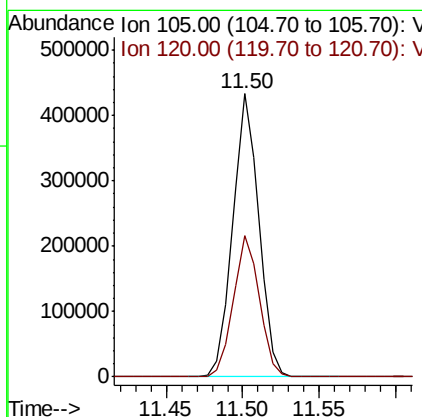
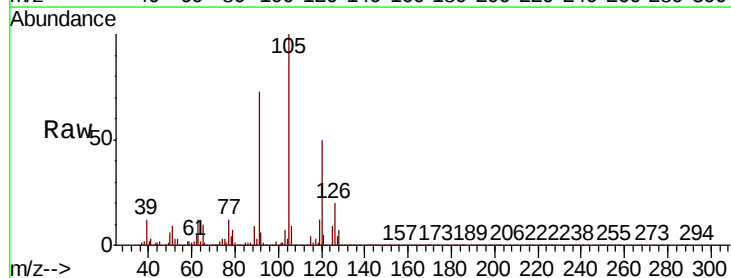
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

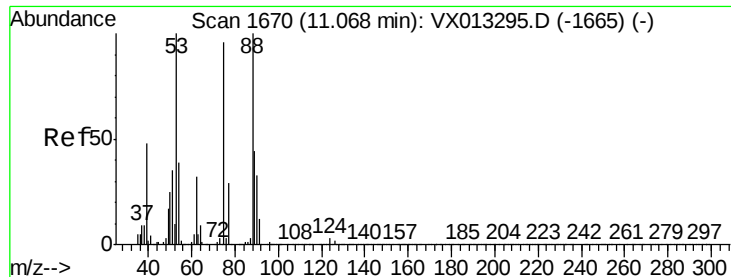
Tot Ion: 91 Resp: 405201
Ion Ratio Lower Upper
91 100
126 35.7 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 21.638 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion: 105 Resp: 509497
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.846 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

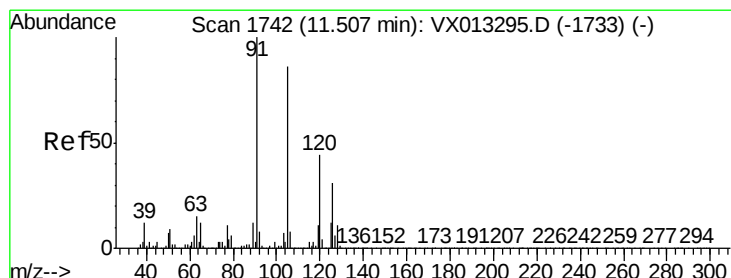
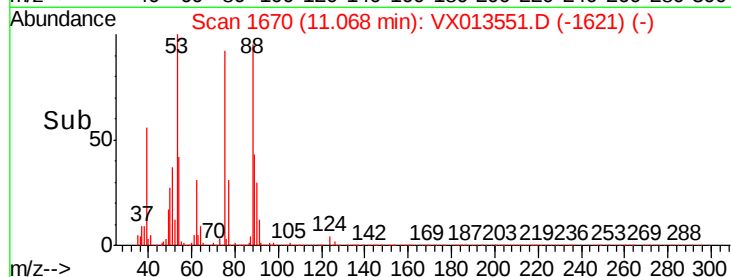
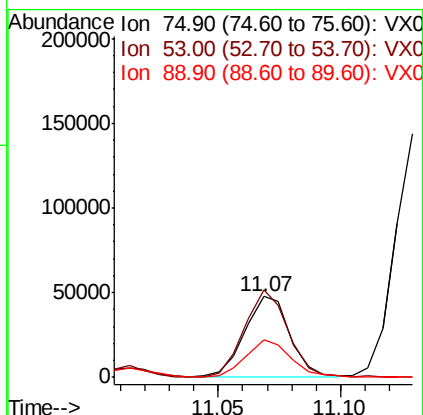
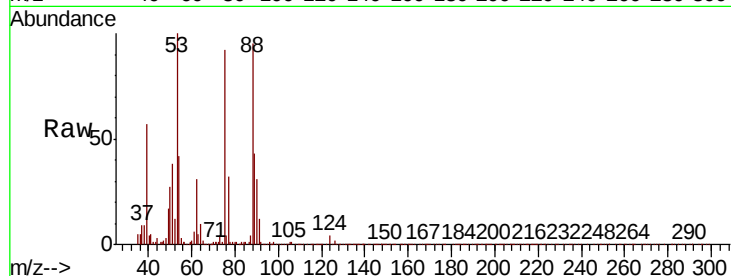
Tot Ion: 75 Resp: 60044

Ion Ratio Lower Upper

75 100

53 106.4 81.0 121.6

89 48.8 36.0 54.0



#82

4-Chlorotoluene

Concen: 20.732 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013551.D

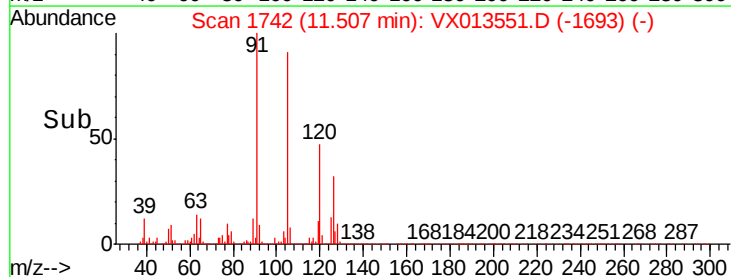
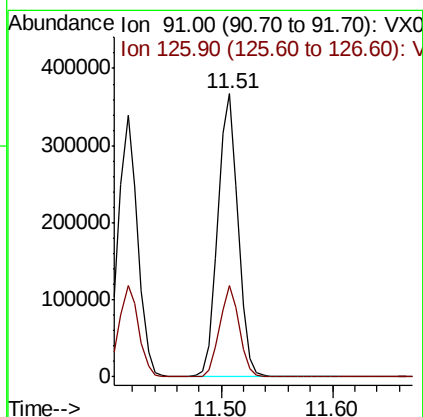
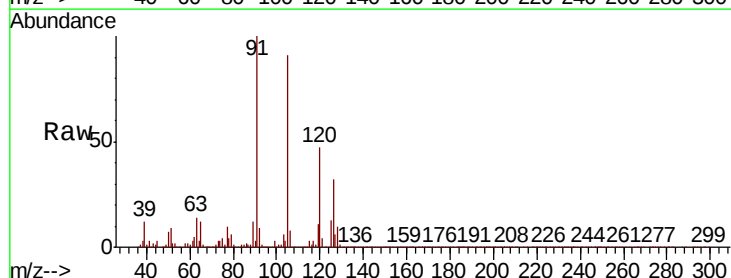
Acq: 22 Nov 2019 22:57

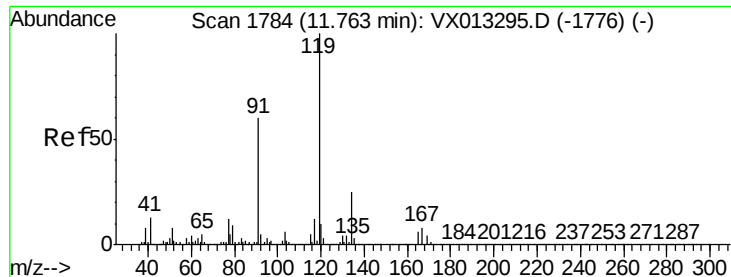
Tgt Ion: 91 Resp: 460439

Ion Ratio Lower Upper

91 100

126 31.2 15.3 45.8





#83

tert-Butylbenzene

Concen: 18.432 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

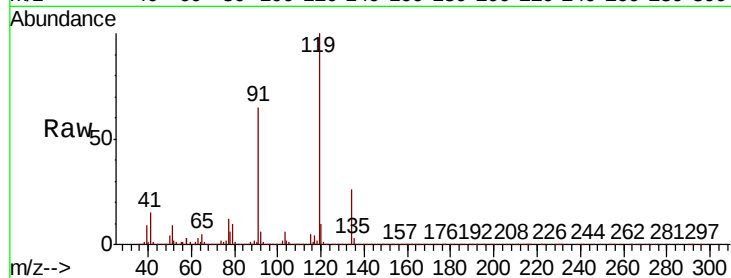
Tot Ion:119 Resp: 436908

Ion Ratio Lower Upper

119 100

91 64.2 26.9 80.7

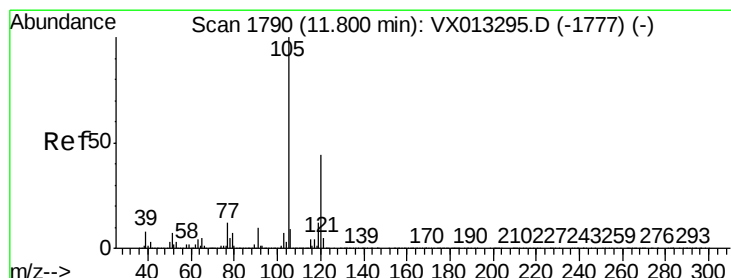
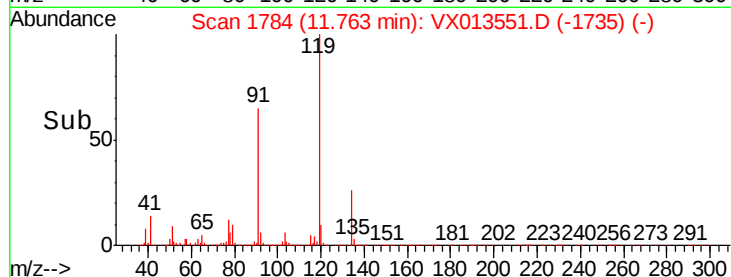
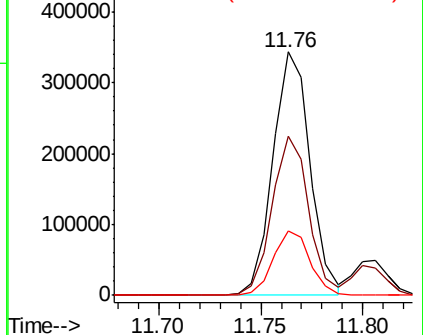
134 26.2 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.833 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX013551.D

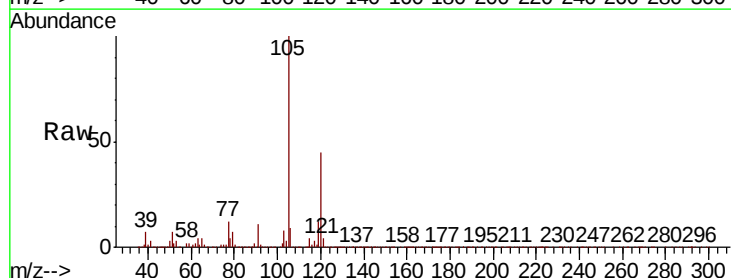
Acq: 22 Nov 2019 22:57

Tgt Ion:105 Resp: 515707

Ion Ratio Lower Upper

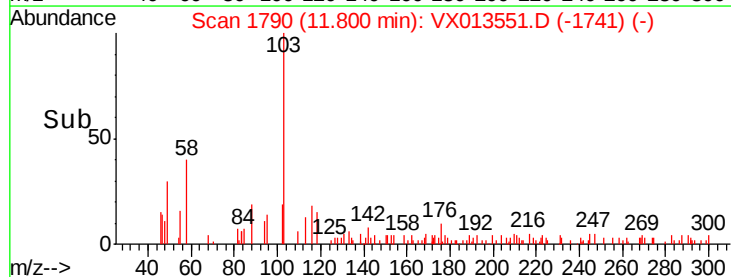
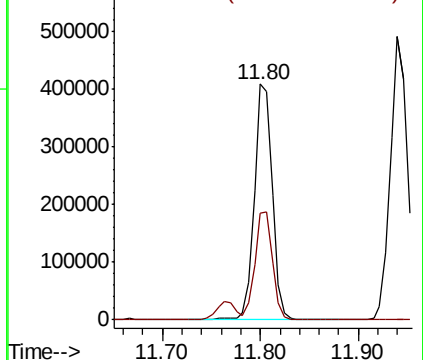
105 100

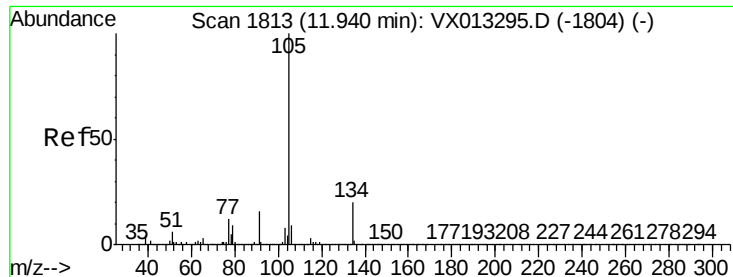
120 45.0 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.588 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

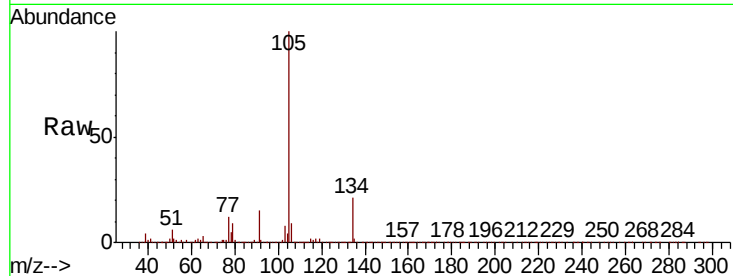
VX1122WBS03

Tot Ion:105 Resp: 588095

Ion Ratio Lower Upper

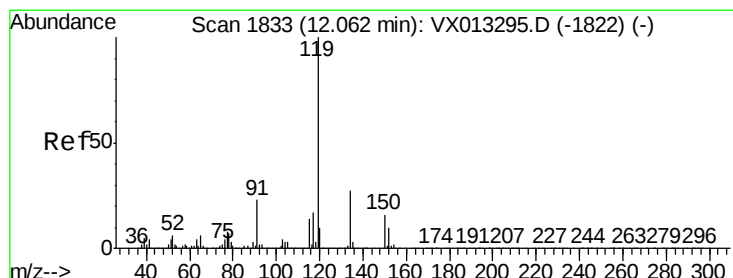
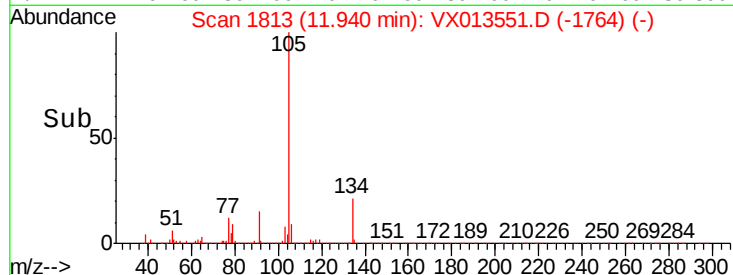
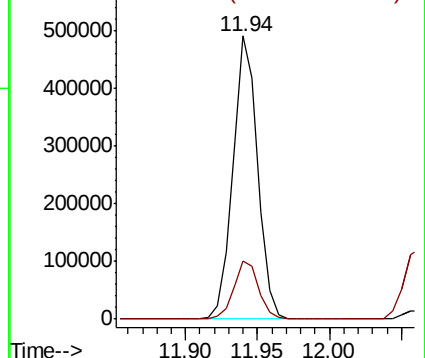
105 100

134 21.1 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.433 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

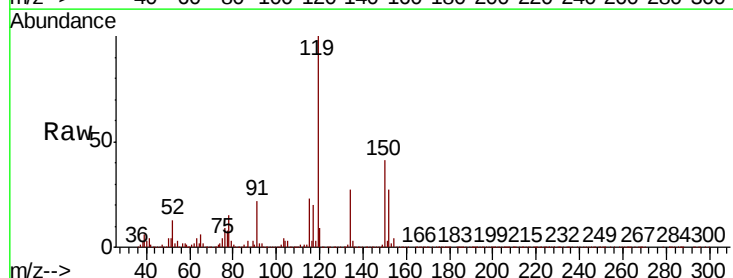
Tgt Ion:119 Resp: 537657

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

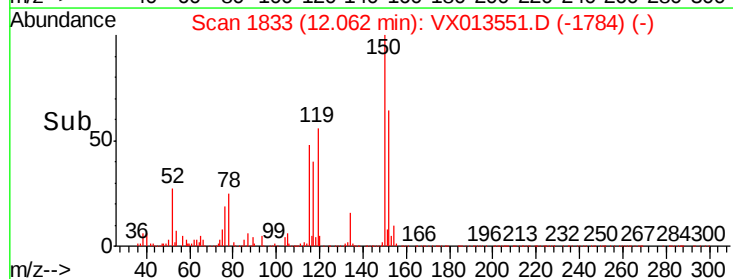
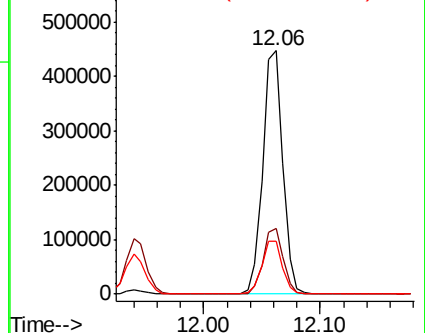
91 22.4 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

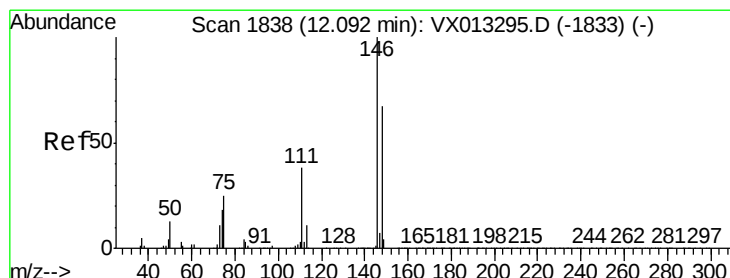
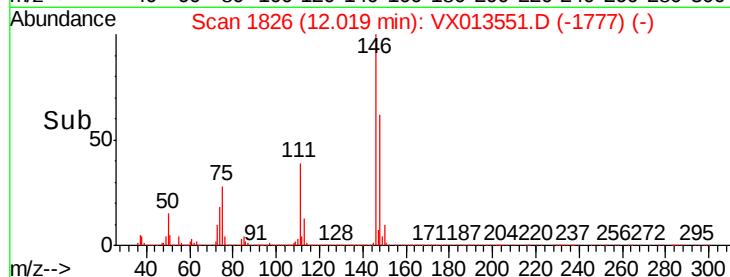
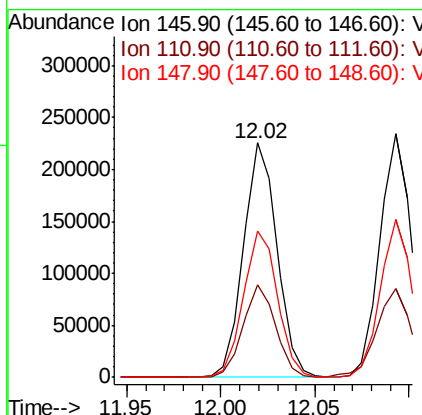
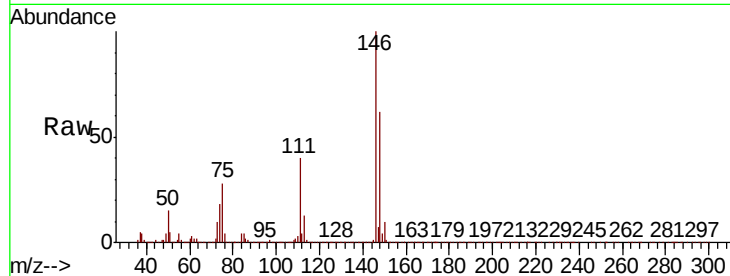




#87
 1,3-Dichlorobenzene
 Concen: 20.718 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013551.D
 Acq: 22 Nov 2019 22:57

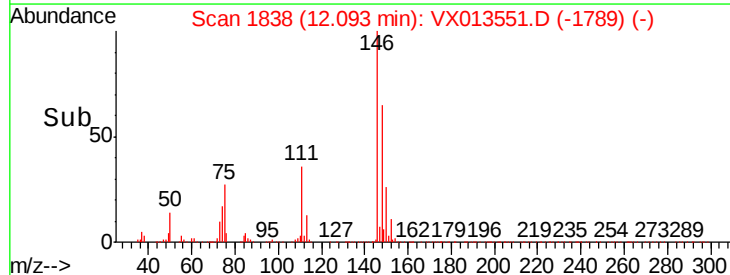
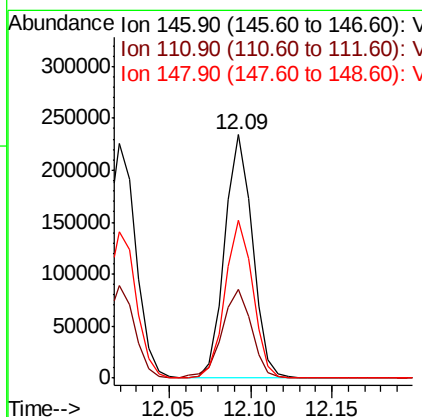
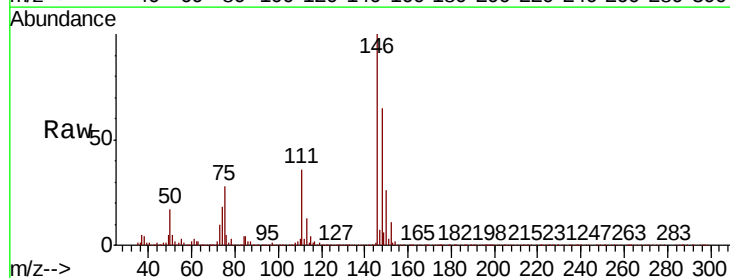
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS03

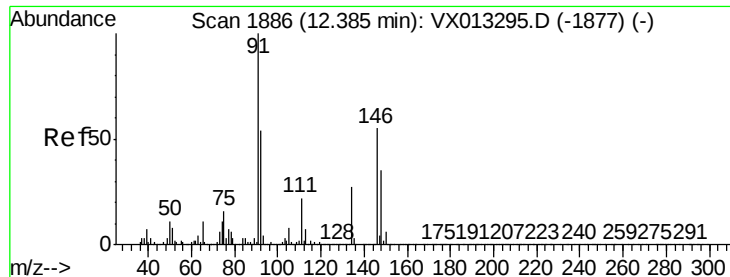
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.5
148	63.8	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.130 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013551.D
 Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.8	56.4
148	64.9	32.4	97.0

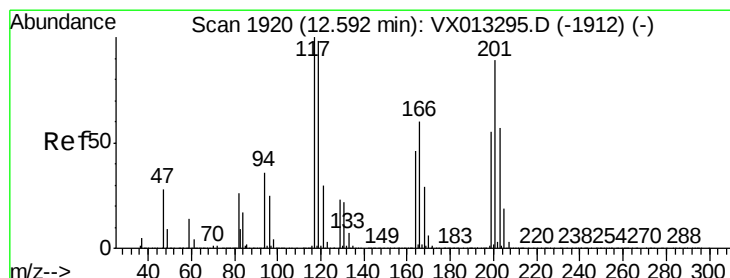
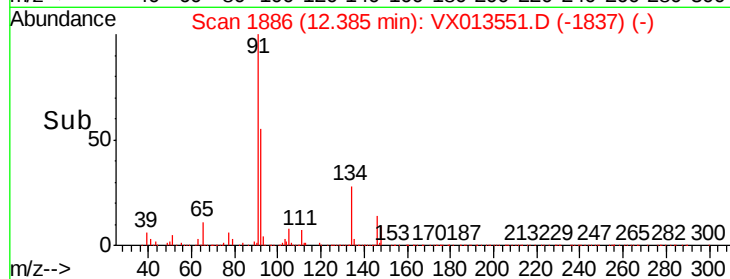
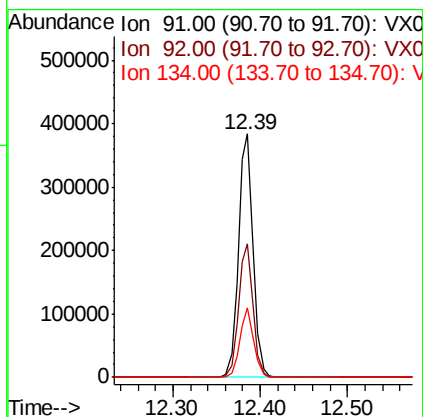
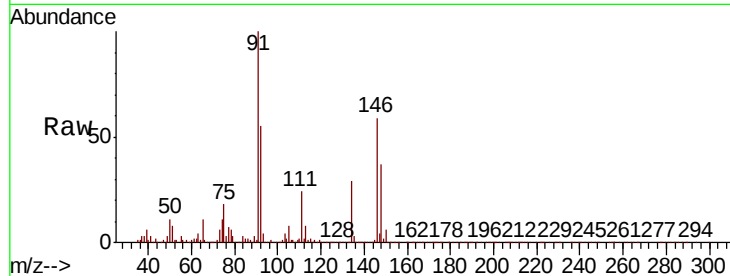




#89
n-Butylbenzene
Concen: 20.548 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

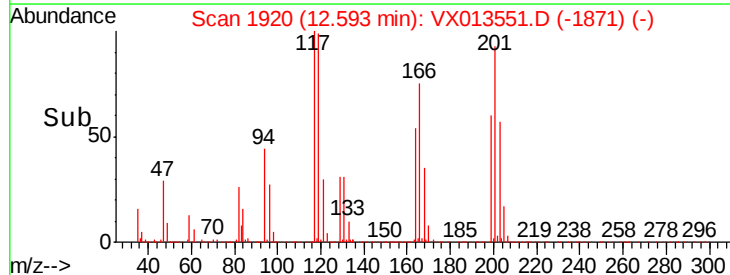
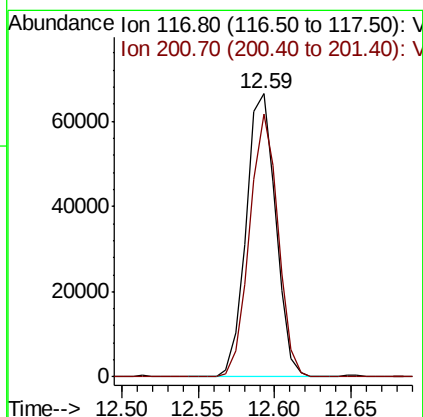
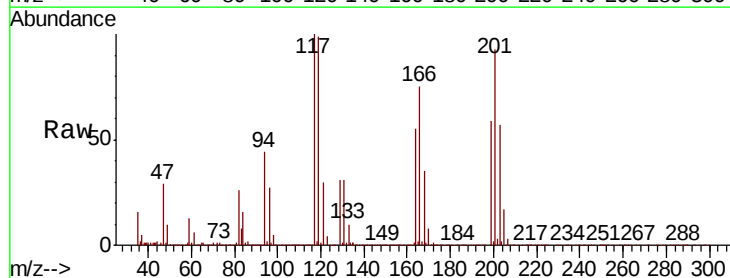
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

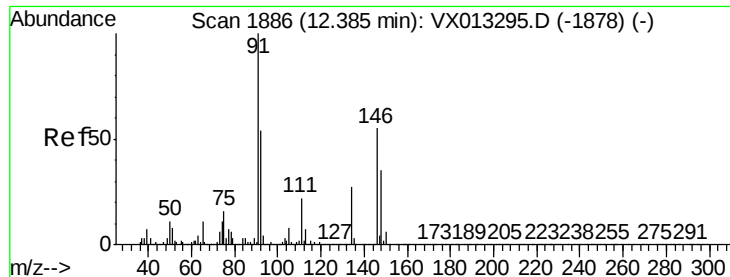
Tot Ion: 91 Resp: 449763
Ion Ratio Lower Upper
91 100
92 54.2 27.3 81.8
134 26.9 13.5 40.5



#90
Hexachloroethane
Concen: 20.034 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion: 117 Resp: 89541
Ion Ratio Lower Upper
117 100
201 89.1 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 21.261 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

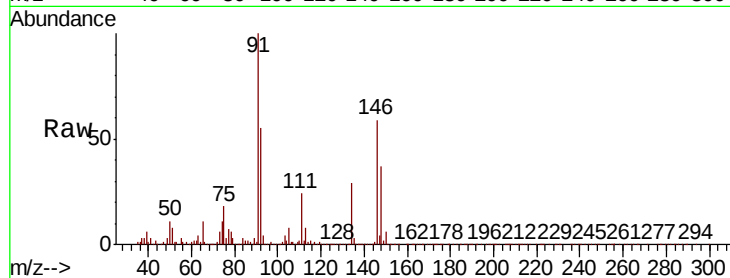
Tot Ion:146 Resp: 285499

Ion Ratio Lower Upper

146 100

111 39.6 20.1 60.2

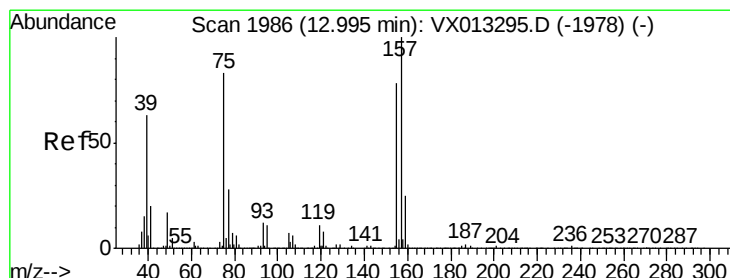
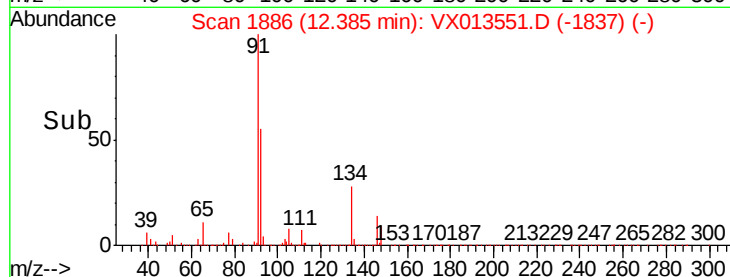
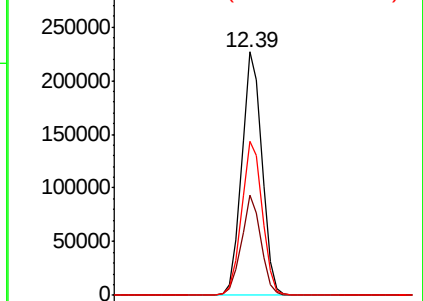
148 64.1 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.420 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

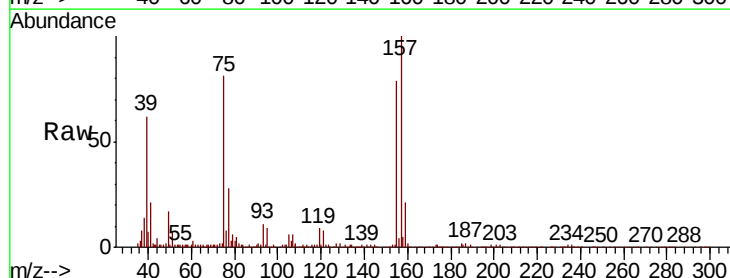
Tgt Ion: 75 Resp: 46282

Ion Ratio Lower Upper

75 100

155 96.3 47.1 141.4

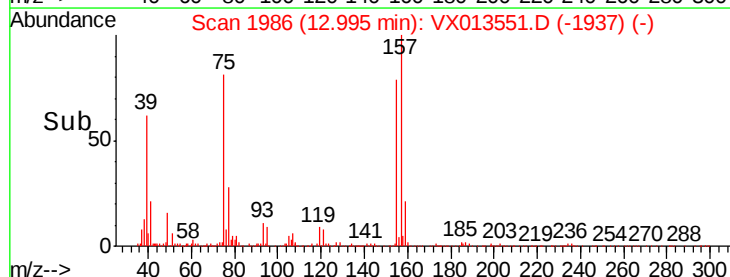
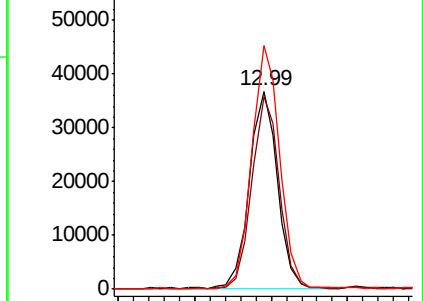
157 124.5 61.3 183.8

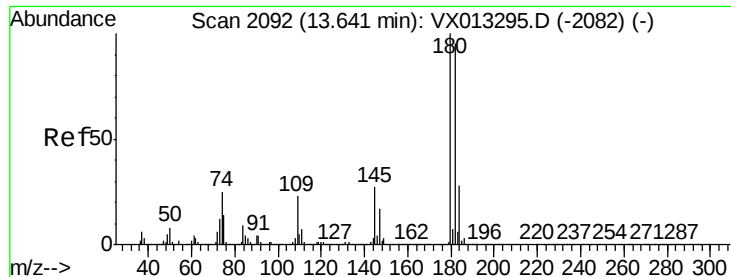


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

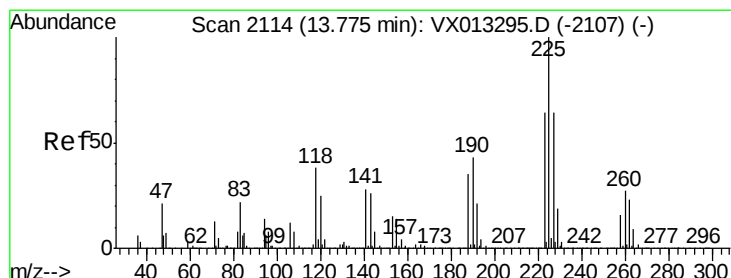
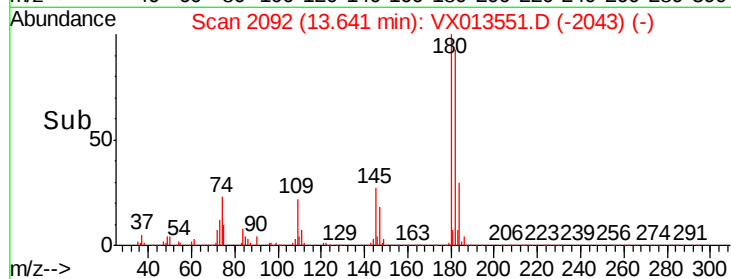
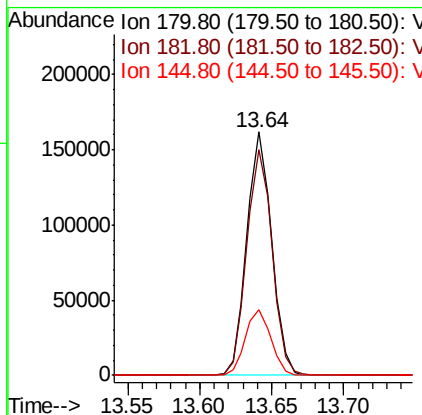
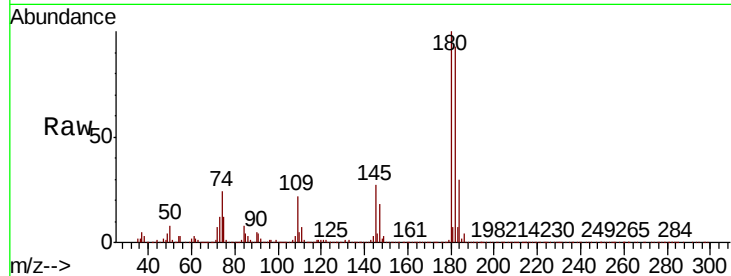




#93
 1,2,4-Trichlorobenzene
 Concen: 20.620 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013551.D
 Acq: 22 Nov 2019 22:57

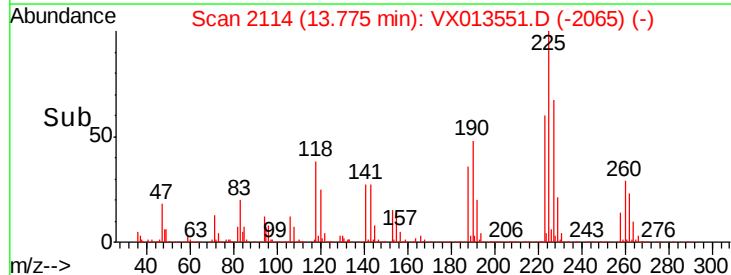
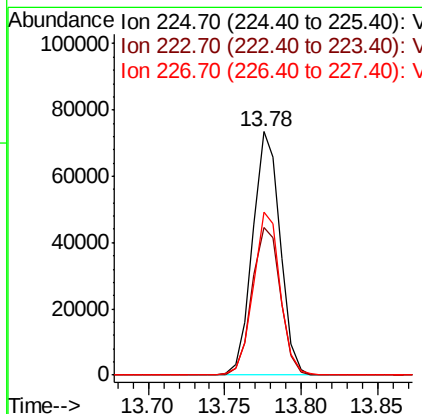
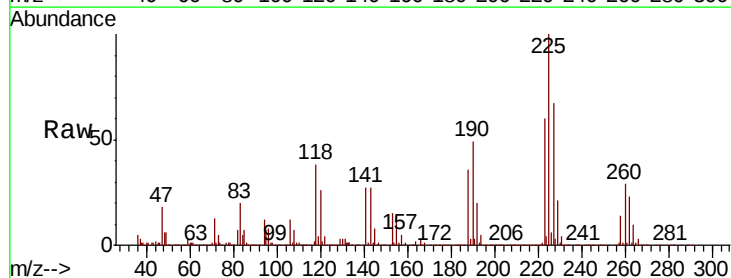
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS03

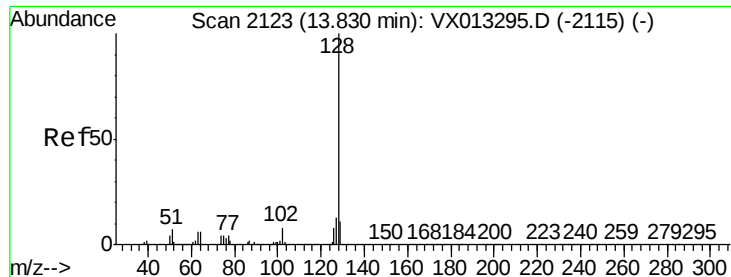
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.4	145.0
145	28.2	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 20.068 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013551.D
 Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.9	95.7
227	65.7	31.9	95.9

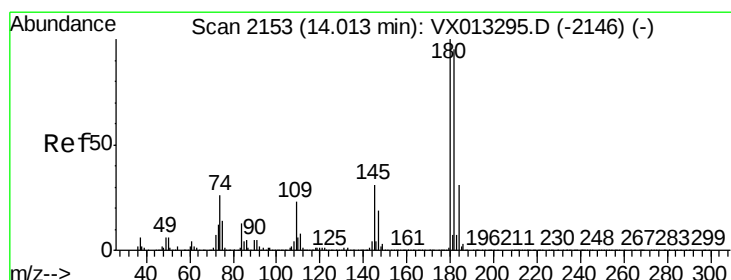
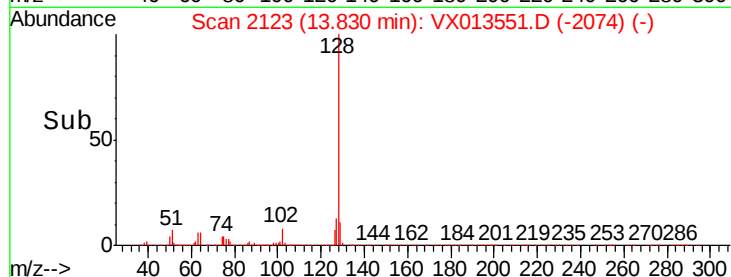
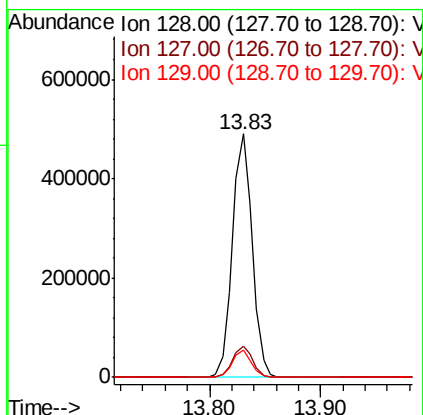
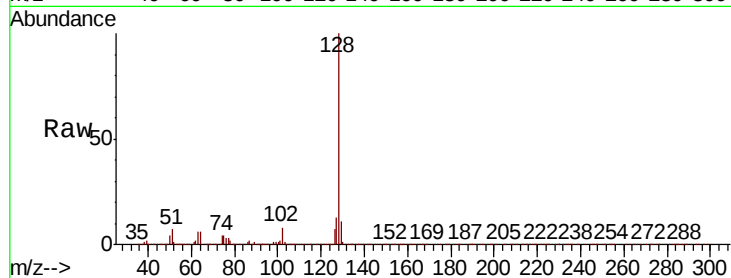




#95
Naphthalene
Concen: 20.460 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.1	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 20.807 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	48.0	144.2
145	30.1	15.4	46.4

