

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX112119\
 Data File : VX013504.D
 Acq On : 21 Nov 2019 15:36
 Operator : JC/SP
 Sample : VX1121WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS02

Quant Time: Nov 22 01:08:33 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	741112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1142630	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1022311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	497325	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	359111	40.90	ug/l	0.00
Spiked Amount			Recovery	=	81.80%	
35) Dibromofluoromethane	5.48	113	295269	41.20	ug/l	0.00
Spiked Amount			Recovery	=	82.40%	
50) Toluene-d8	8.71	98	1105709	40.93	ug/l	0.00
Spiked Amount			Recovery	=	81.86%	
62) 4-Bromofluorobenzene	11.14	95	394997	40.51	ug/l	0.00
Spiked Amount			Recovery	=	81.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	124026	14.524	ug/l	100
3) Chloromethane	1.32	50	140462	15.168	ug/l	96
4) Vinyl Chloride	1.40	62	166755	15.818	ug/l	97
5) Bromomethane	1.63	94	82010	11.163	ug/l	99
6) Chloroethane	1.72	64	99420	15.680	ug/l	97
7) Trichlorofluoromethane	1.92	101	190180	15.269	ug/l	98
8) Diethyl Ether	2.18	74	93934	17.055	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	118933	17.132	ug/l	99
10) Methyl Iodide	2.50	142	70285	8.178	ug/l	98
11) Tert butyl alcohol	3.03	59	193361	83.556	ug/l	99
12) 1,1-Dichloroethene	2.36	96	117398	17.269	ug/l	100
13) Acrolein	2.28	56	85213	67.942	ug/l	97
14) Allyl chloride	2.72	41	219637	17.782	ug/l	96
15) Acrylonitrile	3.13	53	395247	91.435	ug/l	100
16) Acetone	2.43	43	347931	79.448	ug/l	100
17) Carbon Disulfide	2.56	76	258826	14.225	ug/l	97
18) Methyl Acetate	2.76	43	235949	19.515	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	428458	18.897	ug/l	97
20) Methylene Chloride	2.85	84	140854	17.408	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	126594	17.103	ug/l	96
22) Diisopropyl ether	3.84	45	447653	18.772	ug/l	98
23) Vinyl Acetate	3.80	43	1837759	90.062	ug/l	100
24) 1,1-Dichloroethane	3.69	63	238813	17.902	ug/l	97
25) 2-Butanone	4.65	43	563042	87.639	ug/l	100
26) 2,2-Dichloropropane	4.58	77	192953	18.182	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	150905	18.200	ug/l	99
28) Bromochloromethane	5.00	49	66619	17.588	ug/l	96
29) Tetrahydrofuran	5.11	42	361952	91.423	ug/l	98
30) Chloroform	5.20	83	240509	18.258	ug/l	100
31) Cyclohexane	5.57	56	197790	16.477	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	199779	17.623	ug/l	99
36) 1,1-Dichloropropene	5.79	75	165831	16.917	ug/l	97
37) Ethyl Acetate	4.82	43	215559	17.797	ug/l	100
38) Carbon Tetrachloride	5.78	117	162443	16.947	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201624	16.508	ug/l	95
40) Benzene	6.14	78	539765	17.677	ug/l	96
41) Methacrylonitrile	5.03	41	119434	17.592	ug/l	98
42) 1,2-Dichloroethane	6.18	62	192072	17.439	ug/l	98
43) Isopropyl Acetate	6.44	43	349446	18.527	ug/l	99
44) Trichloroethene	7.20	130	142771	16.987	ug/l	97
45) 1,2-Dichloropropane	7.51	63	140363	18.042	ug/l	99
46) Dibromomethane	7.65	93	92369	17.389	ug/l	97
47) Bromodichloromethane	7.89	83	180383	18.008	ug/l	96
48) Methyl methacrylate	7.76	41	171877	18.256	ug/l	99
49) 1,4-Dioxane	7.73	88	74016	343.277	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1121935	90.665	ug/l	99
52) Toluene	8.78	92	333950	17.646	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	197283	18.011	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	222218	18.137	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	142270	18.137	ug/l	98
56) Ethyl methacrylate	9.17	69	230724	18.254	ug/l	95
57) 1,3-Dichloropropane	9.37	76	241849	18.163	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	475553	88.666	ug/l	99
59) 2-Hexanone	9.48	43	861875	90.128	ug/l	99
60) Dibromochloromethane	9.58	129	145502	18.137	ug/l	98
61) 1,2-Dibromoethane	9.67	107	149991	18.007	ug/l	99
64) Tetrachloroethene	9.33	164	127046	17.360	ug/l	98
65) Chlorobenzene	10.14	112	363819	17.578	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	135746	17.863	ug/l	99
67) Ethyl Benzene	10.25	91	636762	17.826	ug/l	100
68) m/p-Xylenes	10.36	106	484310	35.850	ug/l	100
69) o-Xylene	10.70	106	240677	18.197	ug/l	98
70) Styrene	10.71	104	403267	18.240	ug/l	99
71) Bromoform	10.85	173	110665	17.902	ug/l #	100
73) Isopropylbenzene	11.01	105	637362	19.330	ug/l	99
74) N-amyl acetate	10.89	43	301273	19.703	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	231247	19.224	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	256758	25.418	ug/l	81
77) Bromobenzene	11.25	156	165926	18.876	ug/l	99
78) n-propylbenzene	11.35	91	705051	19.195	ug/l	100
79) 2-Chlorotoluene	11.42	91	421089	19.028	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	530389	19.311	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	68528	17.462	ug/l	98
82) 4-Chlorotoluene	11.51	91	482776	18.636	ug/l	99
83) tert-Butylbenzene	11.76	119	544502	19.694	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	541479	19.653	ug/l	99
85) sec-Butylbenzene	11.94	105	608268	19.143	ug/l	99
86) p-Isopropyltoluene	12.06	119	558369	19.083	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	287229	18.331	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	293675	18.396	ug/l	99
89) n-Butylbenzene	12.39	91	464570	18.196	ug/l	99
90) Hexachloroethane	12.59	117	97026	18.612	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	294580	18.808	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	50056	17.080	ug/l	99

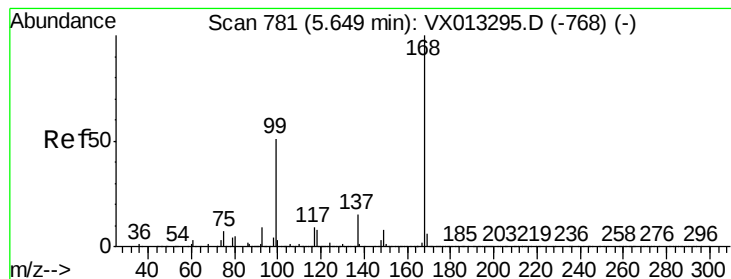
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	199164	18.230	ug/l	100
94) Hexachlorobutadiene	13.78	225	91570	17.132	ug/l	97
95) Naphthalene	13.83	128	638403	18.624	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	203523	18.575	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

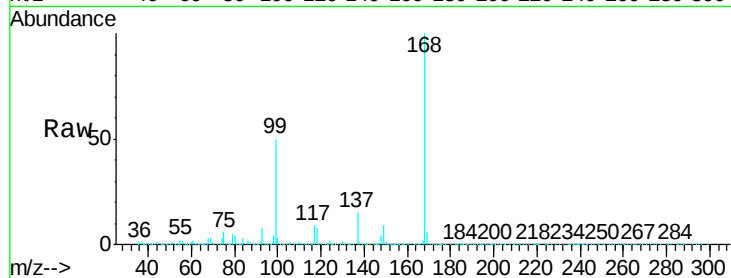
VX1121WBS02

Tgt Ion:168 Resp: 741112

Ion Ratio Lower Upper

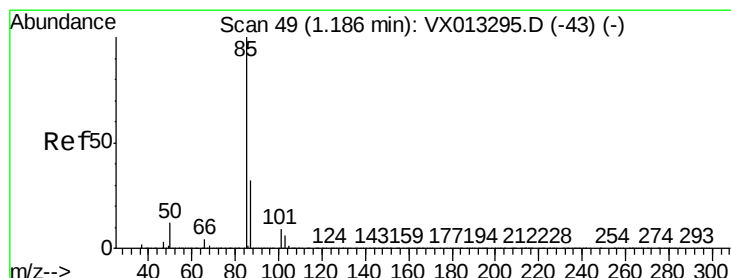
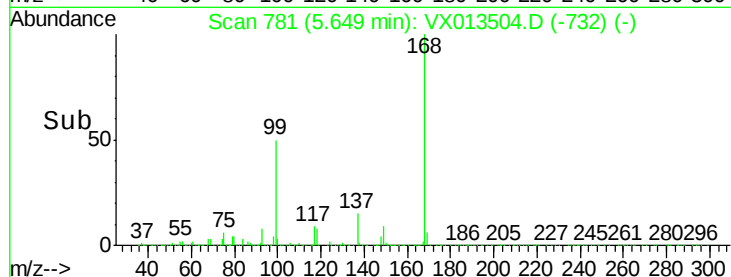
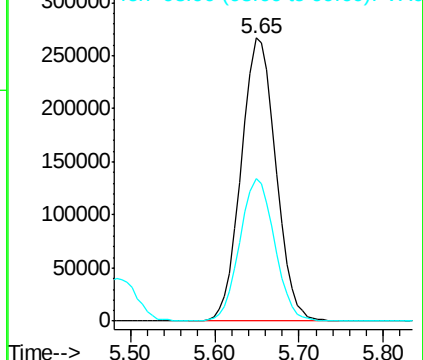
168 100

99 50.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 14.524 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013504.D

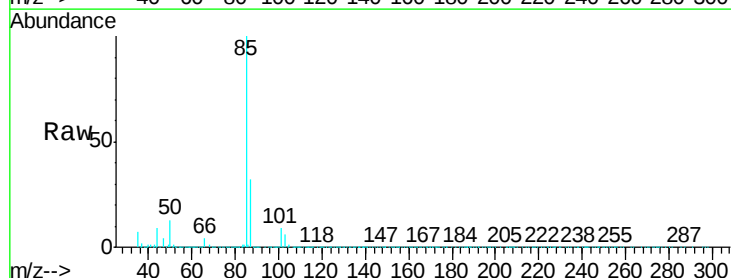
Acq: 21 Nov 2019 15:36

Tgt Ion: 85 Resp: 124026

Ion Ratio Lower Upper

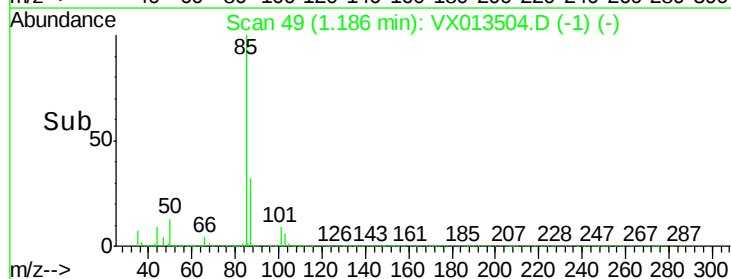
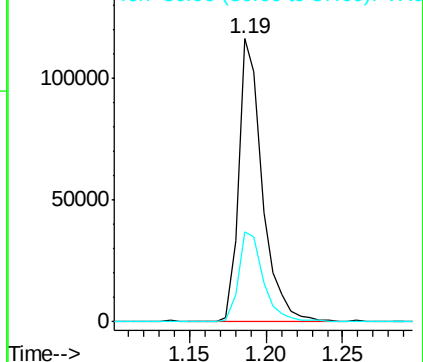
85 100

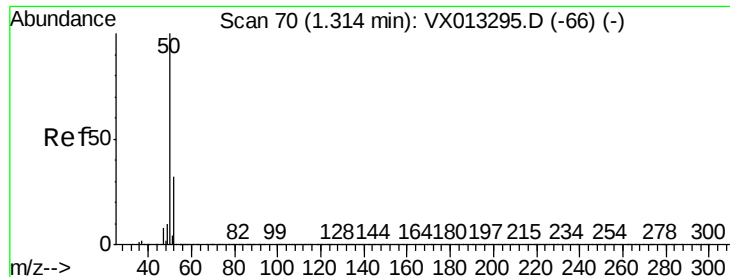
87 32.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.168 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

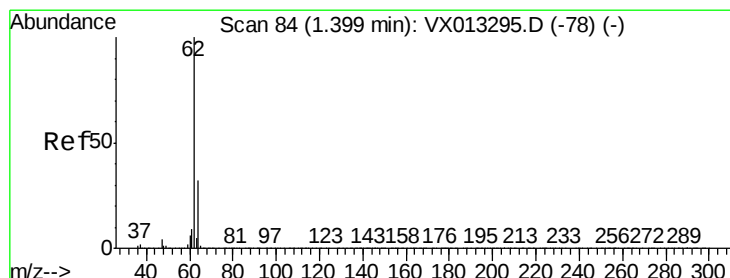
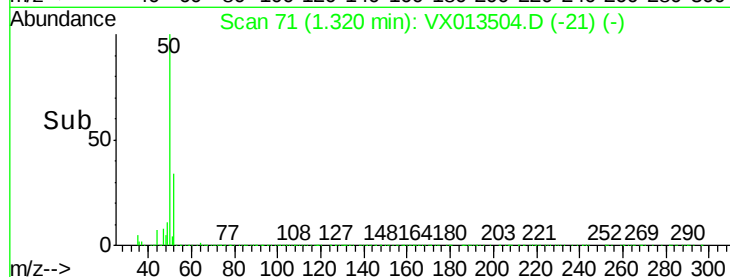
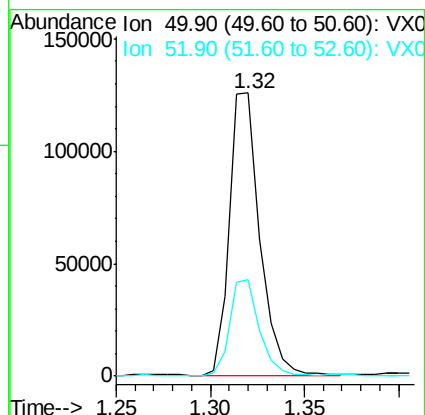
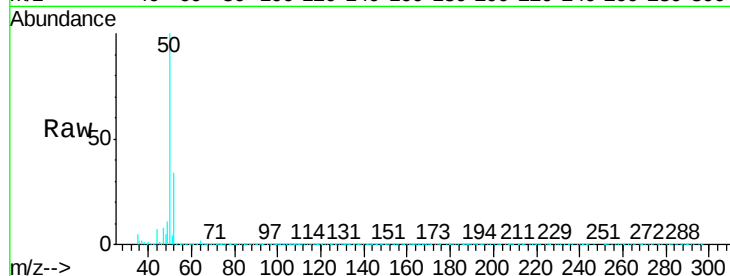
VX1121WBS02

Tgt Ion: 50 Resp: 140462

Ion Ratio Lower Upper

50 100

52 34.0 25.5 38.3



#4

Vinyl Chloride

Concen: 15.818 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013504.D

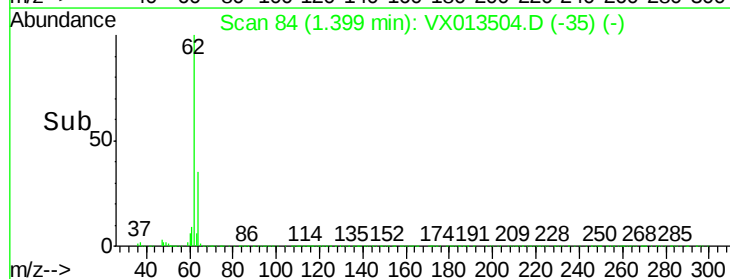
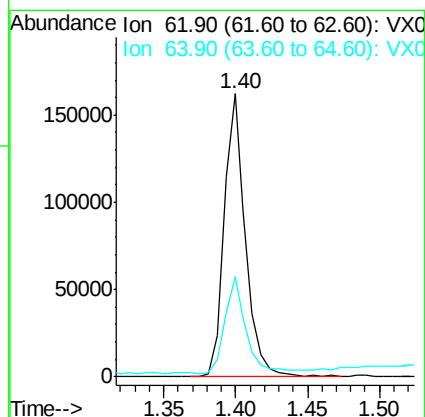
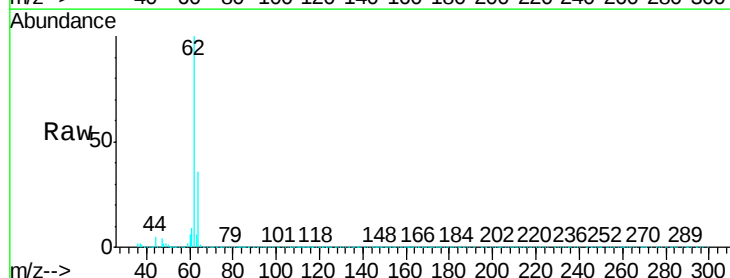
Acq: 21 Nov 2019 15:36

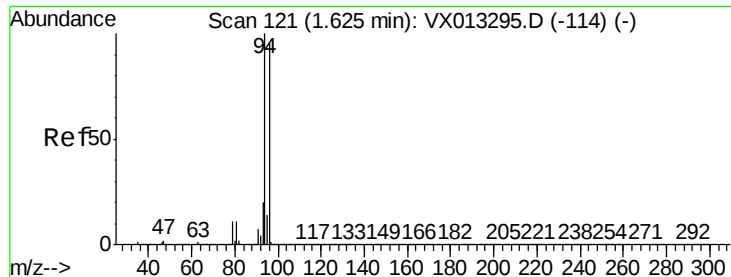
Tgt Ion: 62 Resp: 166755

Ion Ratio Lower Upper

62 100

64 33.9 25.6 38.4





#5

Bromomethane

Concen: 11.163 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

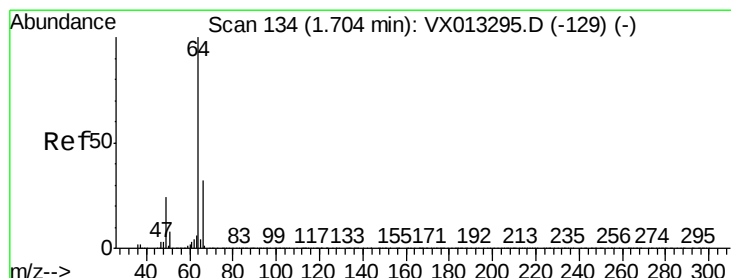
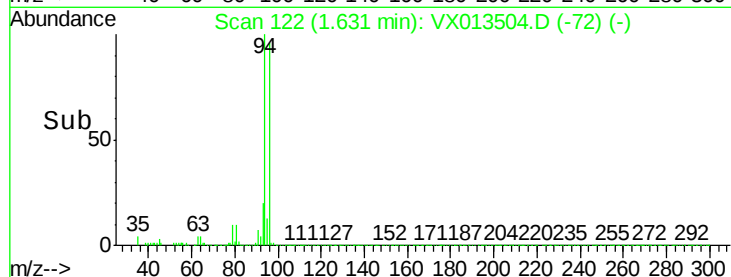
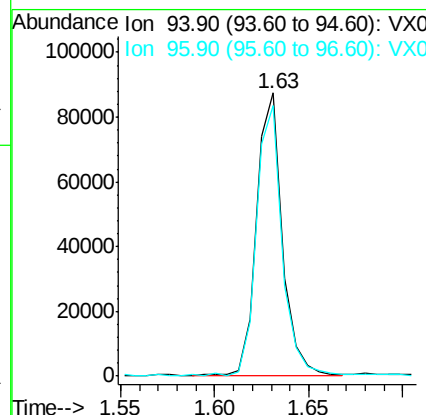
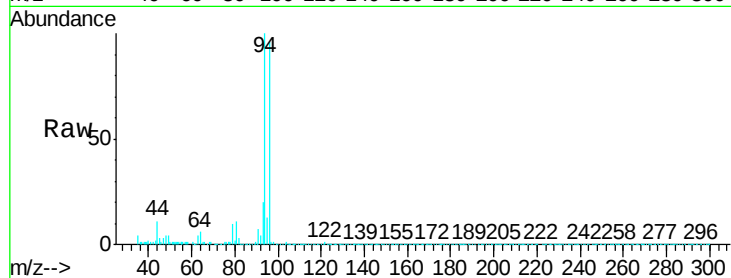
VX1121WBS02

Tgt Ion: 94 Resp: 82010

Ion Ratio Lower Upper

94 100

96 95.3 75.8 113.8



#6

Chloroethane

Concen: 15.680 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013504.D

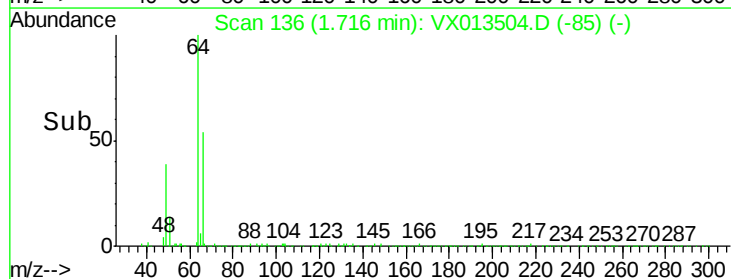
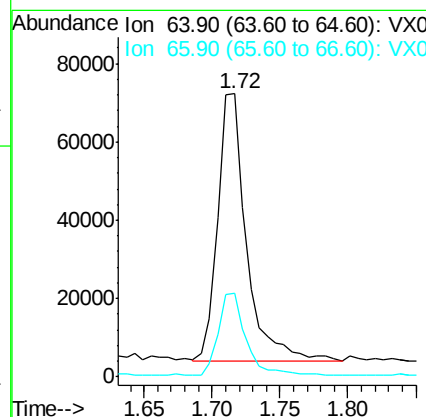
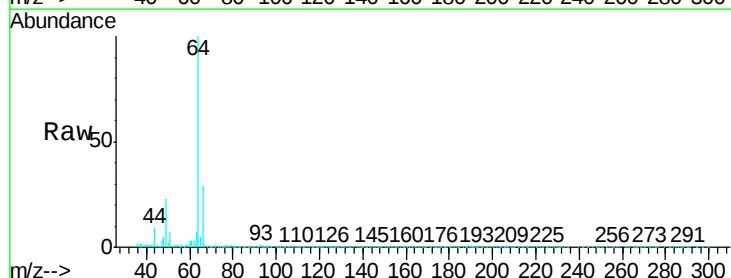
Acq: 21 Nov 2019 15:36

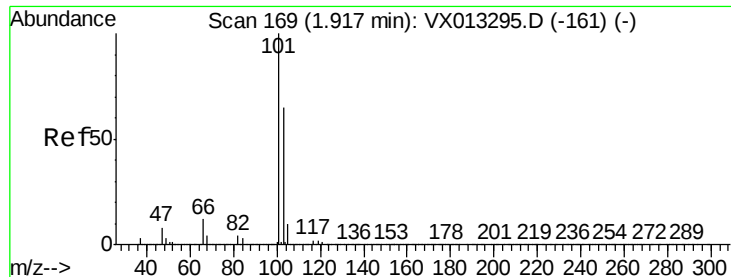
Tgt Ion: 64 Resp: 99420

Ion Ratio Lower Upper

64 100

66 30.4 25.6 38.4



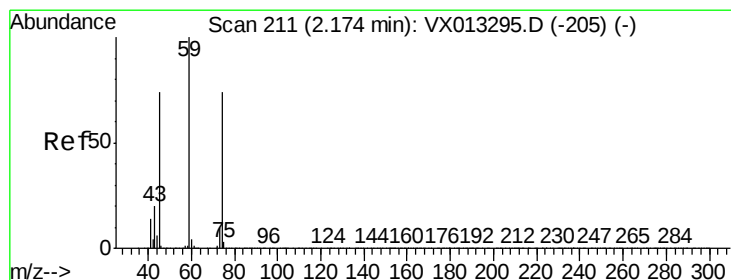
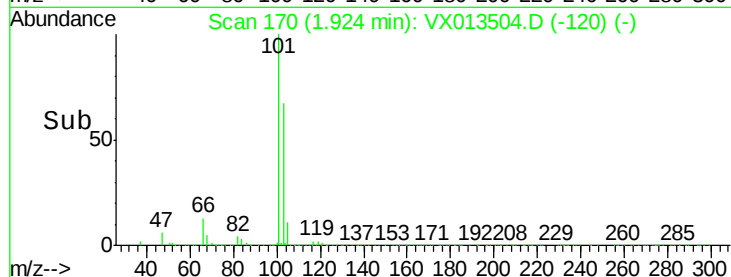
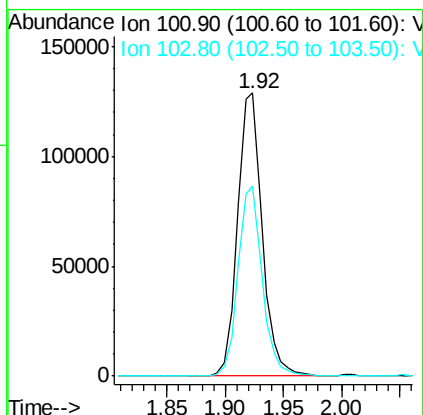
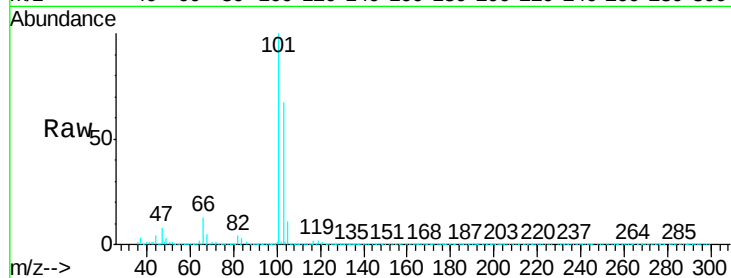


#7

Trichlorofluoromethane
Concen: 15.269 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

Instrument :
MSVOA_X
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VX1121WBS02

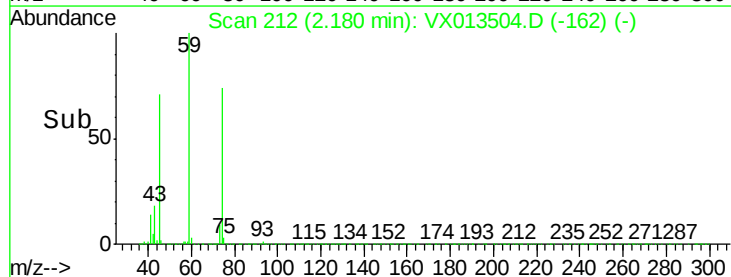
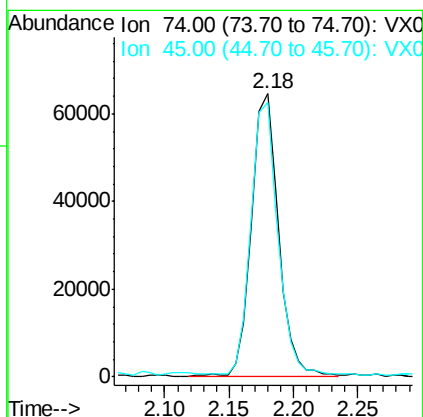
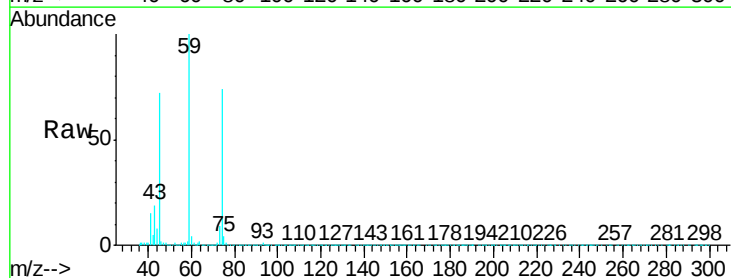
Tgt Ion:101 Resp: 190180
Ion Ratio Lower Upper
101 100
103 66.9 52.3 78.5

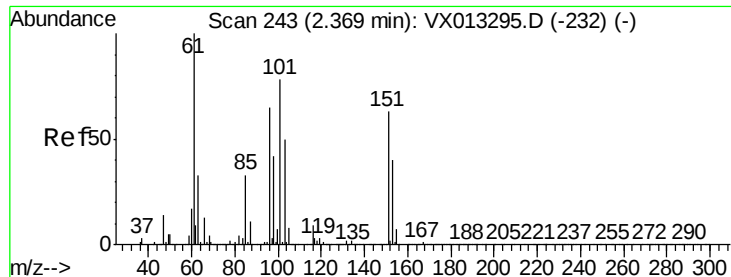


#8

Diethyl Ether
Concen: 17.055 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

Tgt Ion: 74 Resp: 93934
Ion Ratio Lower Upper
74 100
45 95.5 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.132 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

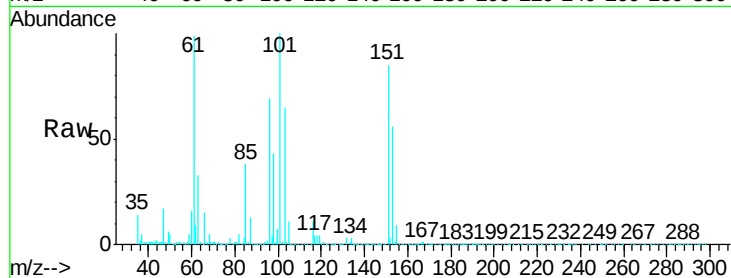
Tgt Ion:101 Resp: 118933

Ion Ratio Lower Upper

101 100

85 42.7 34.4 51.6

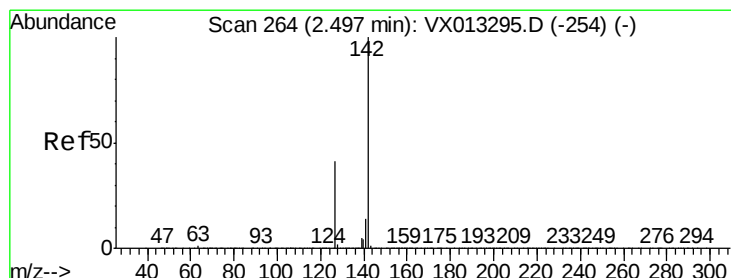
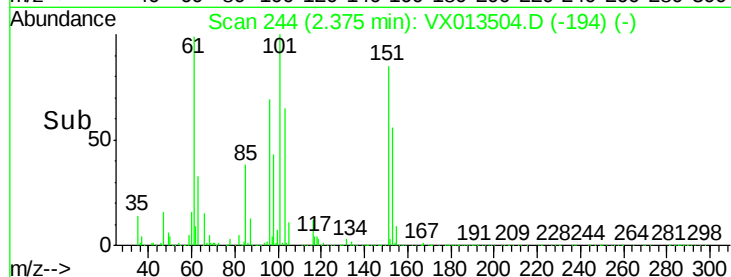
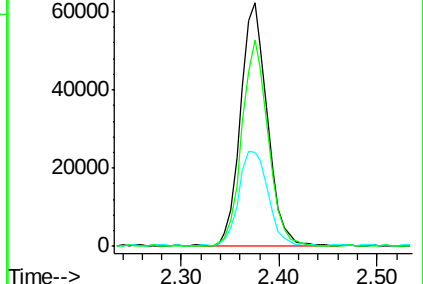
151 82.1 66.4 99.6



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: 8.178 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

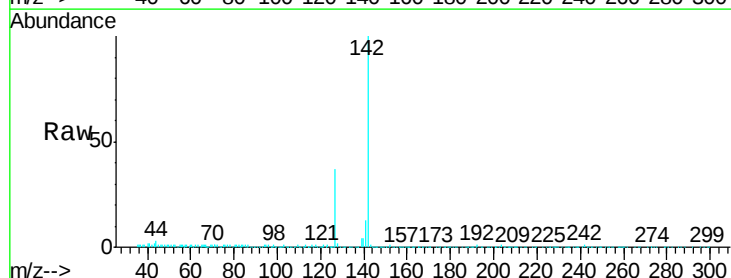
Tgt Ion:142 Resp: 70285

Ion Ratio Lower Upper

142 100

127 39.1 32.6 49.0

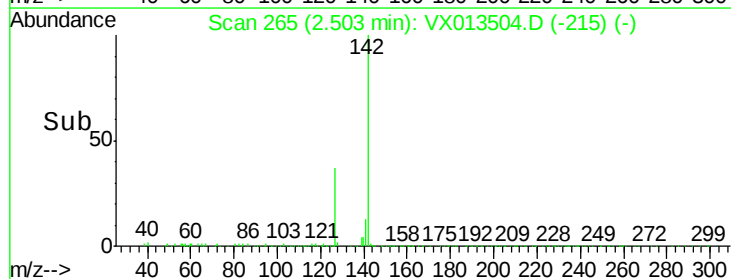
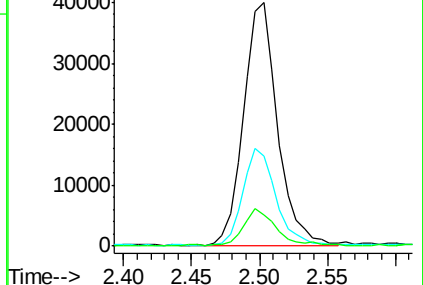
141 15.2 11.6 17.4

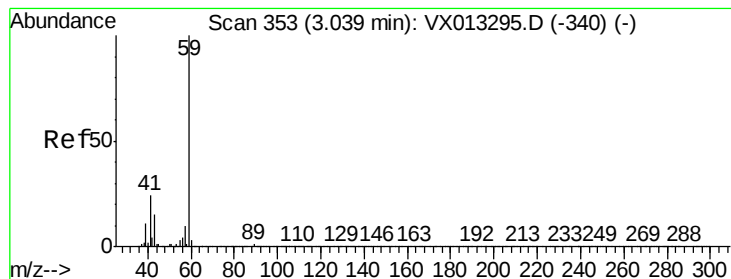


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



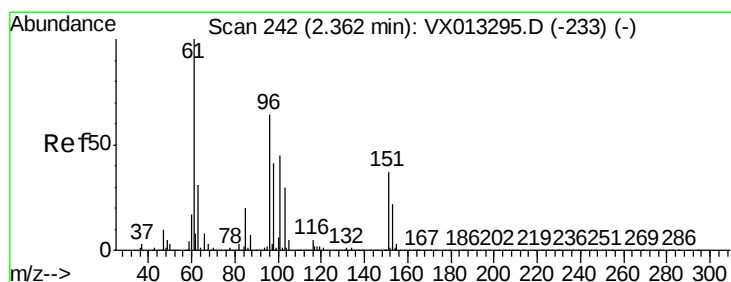
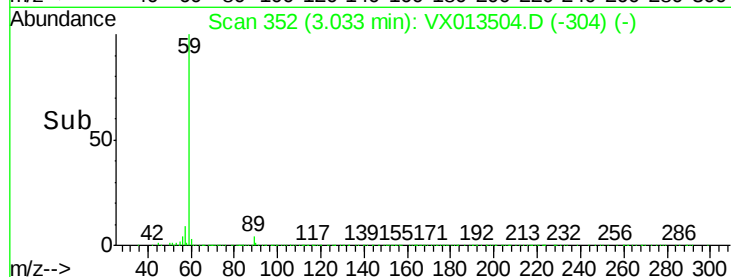
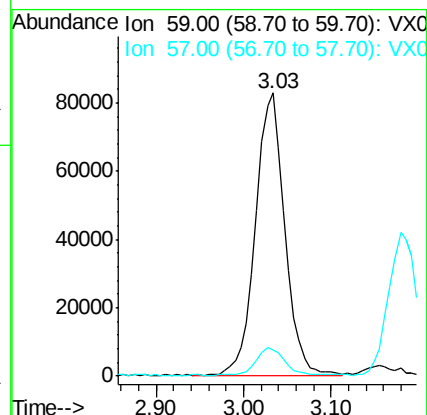
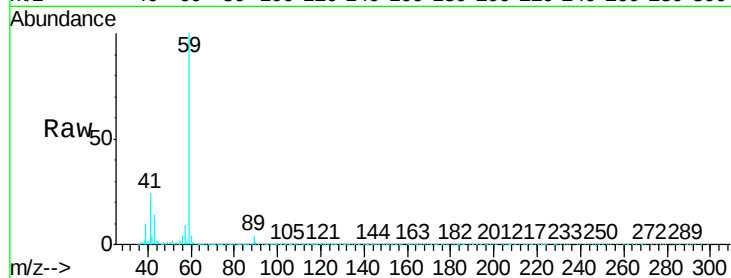


#11

Tert butyl alcohol
Concen: 83.556 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

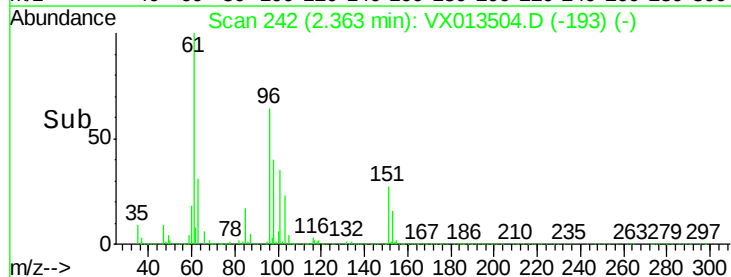
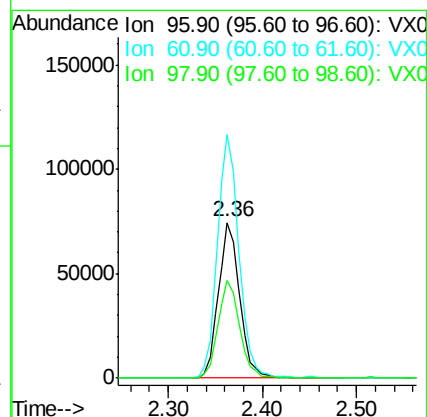
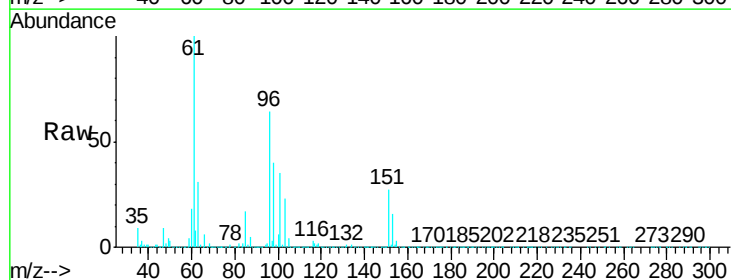
Tgt Ion: 59 Resp: 193361
Ion Ratio Lower Upper
59 100
57 9.7 8.0 12.0

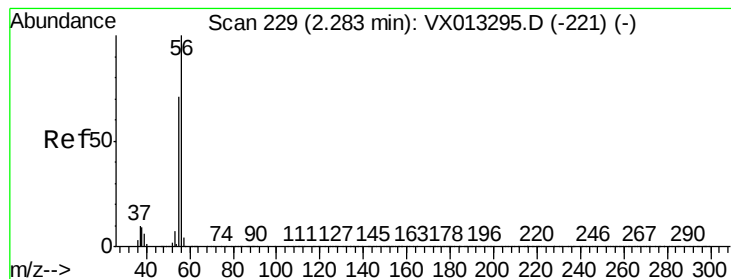


#12

1,1-Dichloroethene
Concen: 17.269 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

Tgt Ion: 96 Resp: 117398
Ion Ratio Lower Upper
96 100
61 156.4 125.0 187.6
98 62.4 50.7 76.1





#13

Acrolein

Concen: 67.942 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

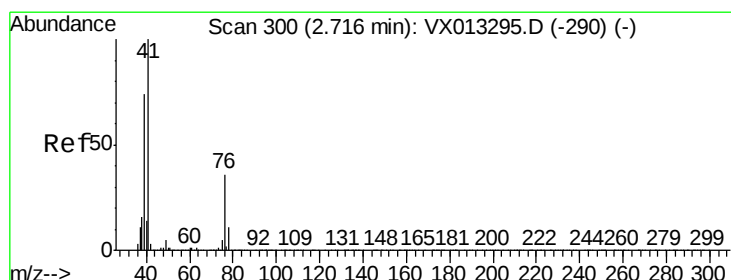
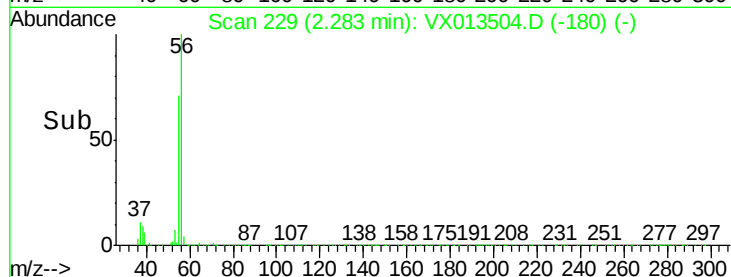
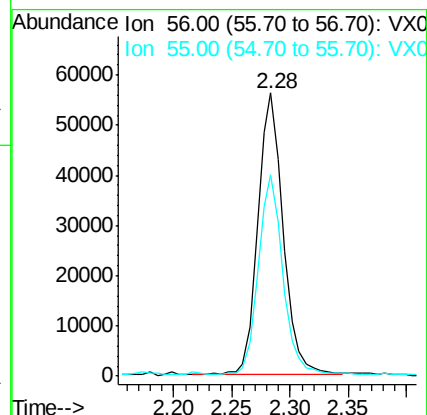
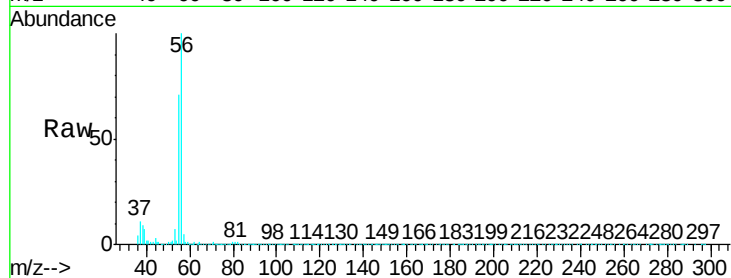
VX1121WBS02

Tgt Ion: 56 Resp: 85213

Ion Ratio Lower Upper

56 100

55 69.3 57.4 86.0



#14

Allyl chloride

Concen: 17.782 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

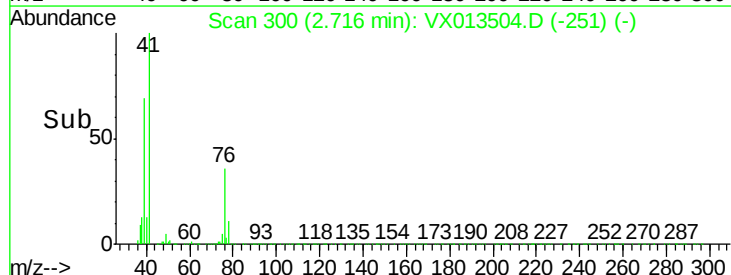
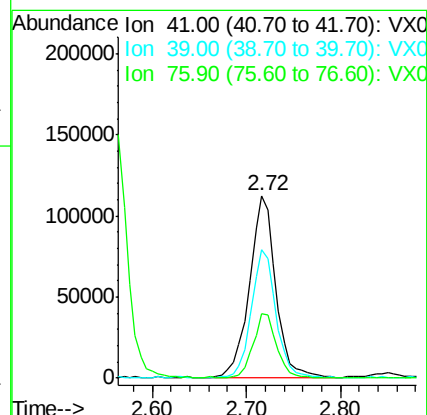
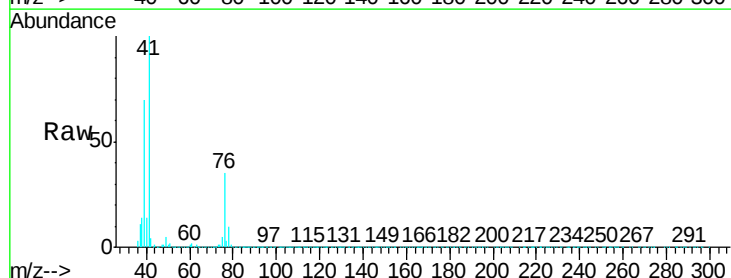
Tgt Ion: 41 Resp: 219637

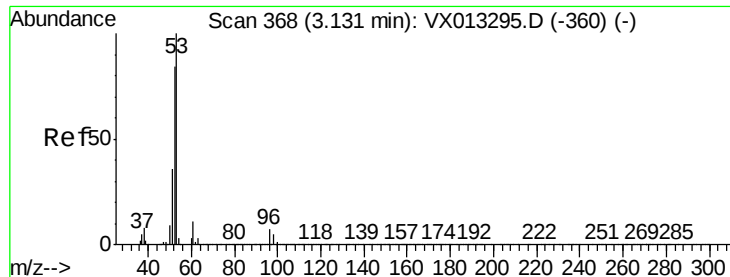
Ion Ratio Lower Upper

41 100

39 65.6 55.8 83.8

76 31.2 26.4 39.6





#15

Acrylonitrile

Concen: 91.435 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

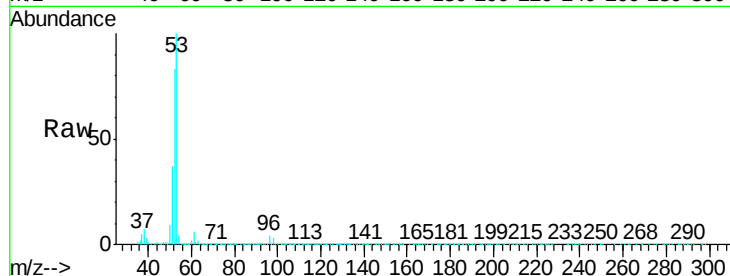
Tgt Ion: 53 Resp: 395247

Ion Ratio Lower Upper

53 100

52 84.0 67.4 101.0

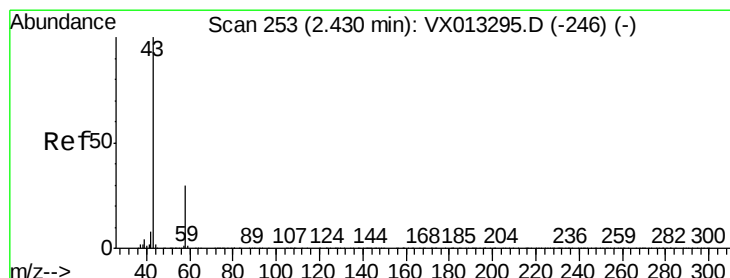
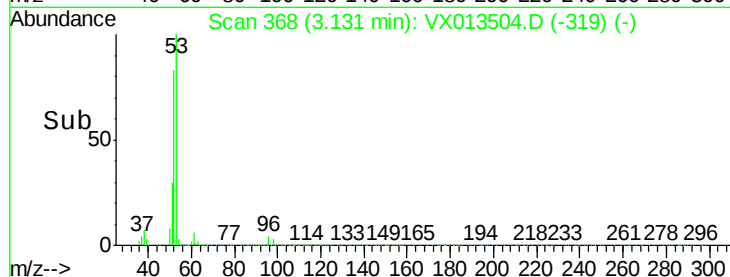
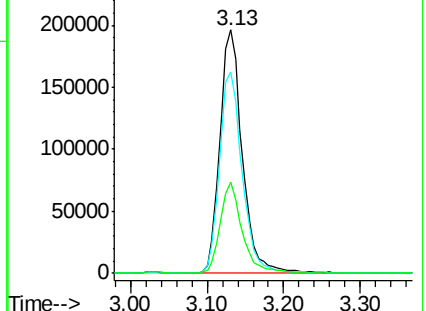
51 36.5 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 79.448 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013504.D

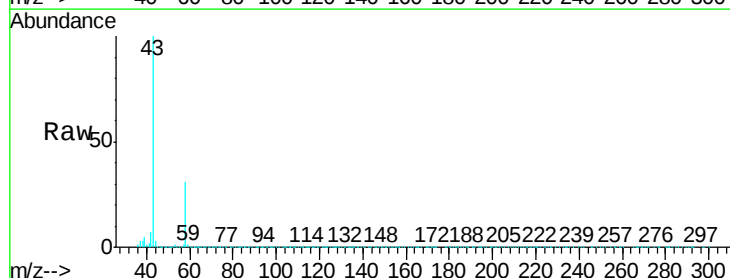
Acq: 21 Nov 2019 15:36

Tgt Ion: 43 Resp: 347931

Ion Ratio Lower Upper

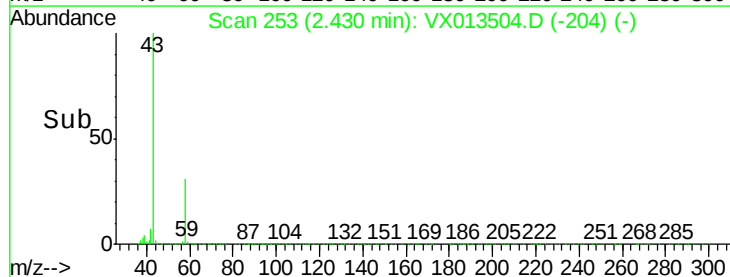
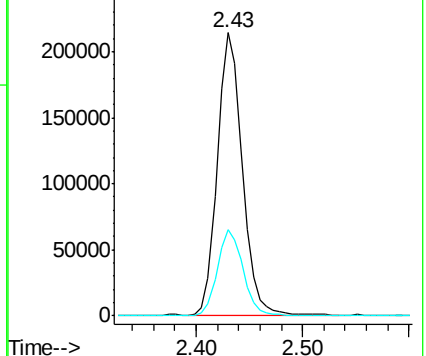
43 100

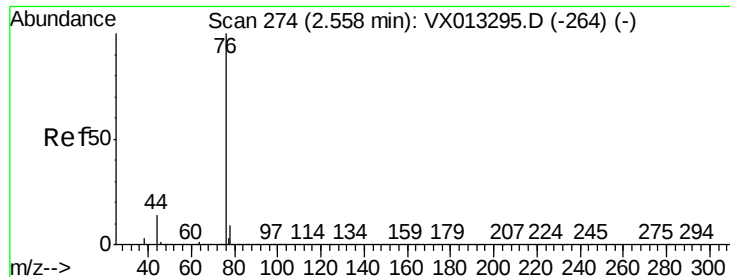
58 30.5 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.225 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

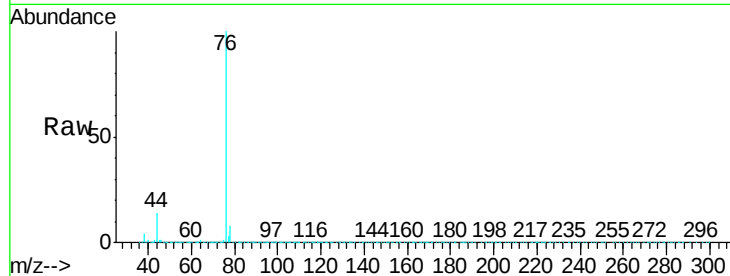
VX1121WBS02

Tgt Ion: 76 Resp: 258826

Ion Ratio Lower Upper

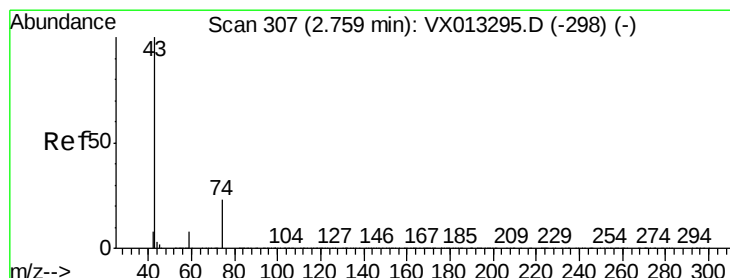
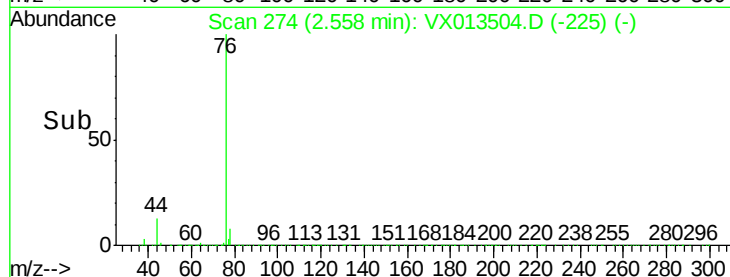
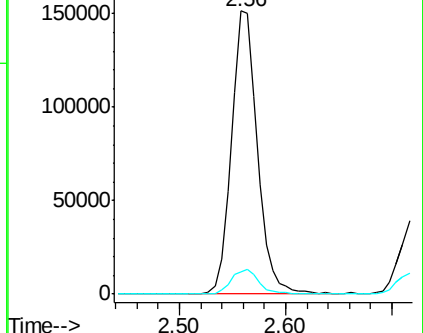
76 100

78 7.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.515 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013504.D

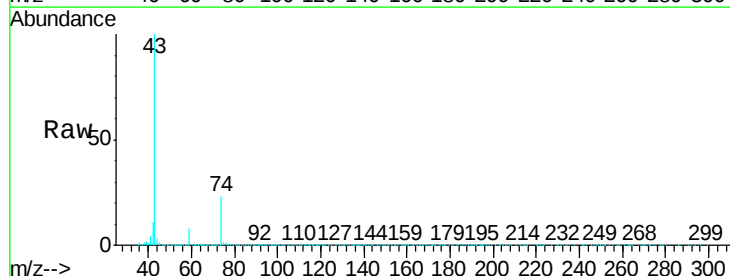
Acq: 21 Nov 2019 15:36

Tgt Ion: 43 Resp: 235949

Ion Ratio Lower Upper

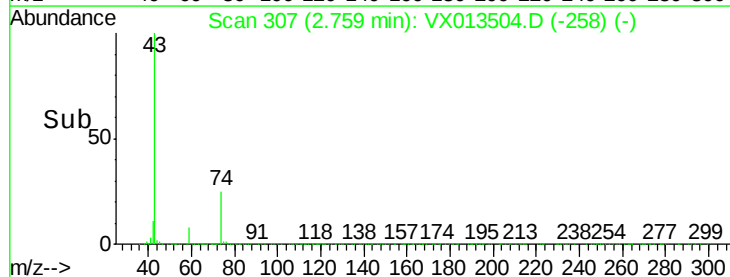
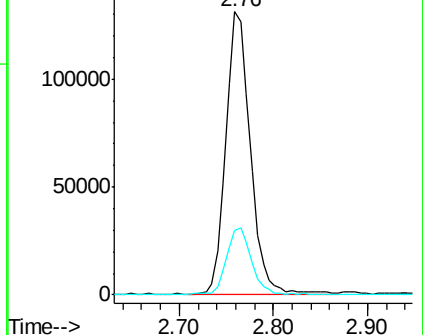
43 100

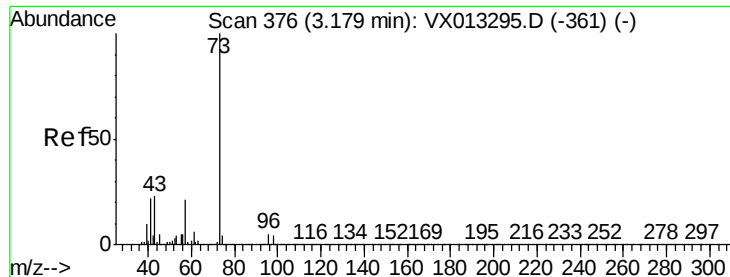
74 23.8 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



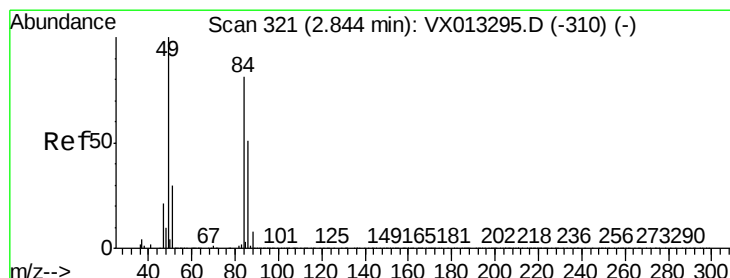
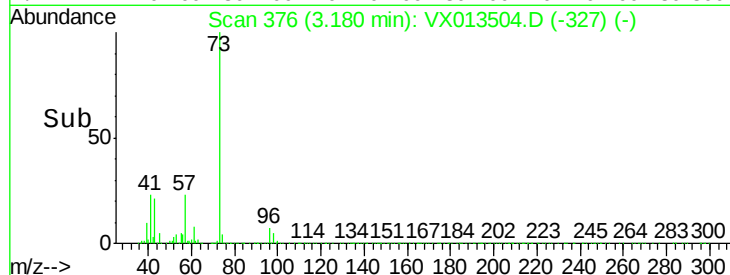
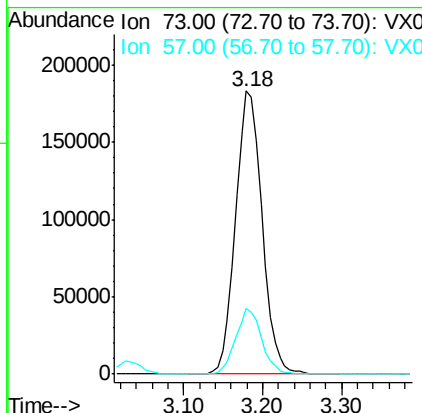
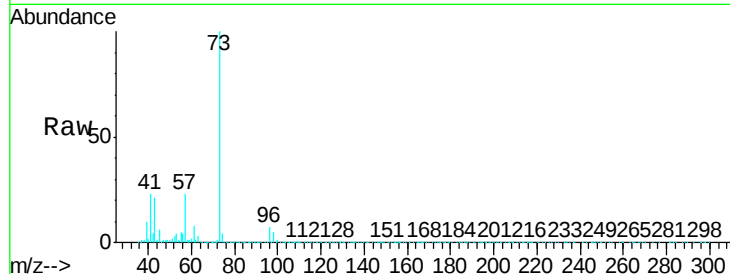


#19

Methyl tert-butyl Ether
Concen: 18.897 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

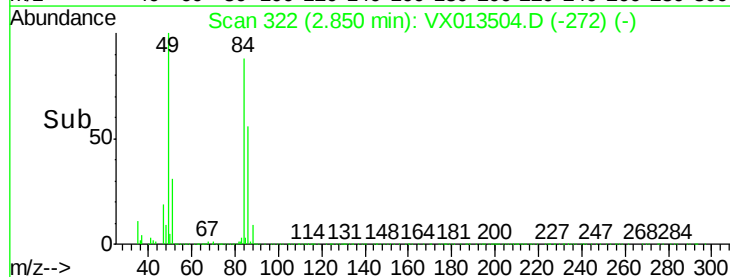
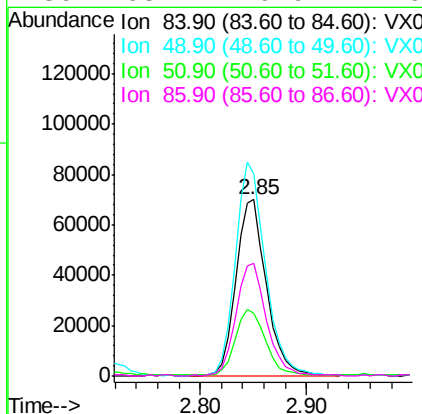
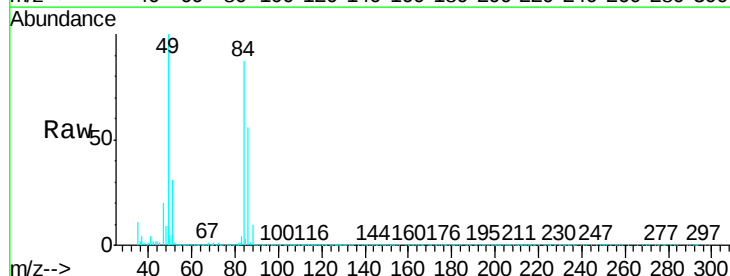
Tgt Ion: 73 Resp: 428458
Ion Ratio Lower Upper
73 100
57 23.0 17.1 25.7

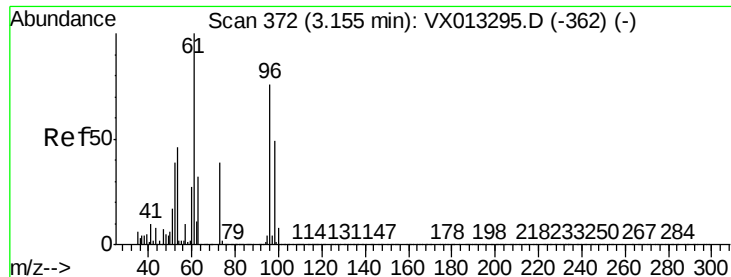


#20

Methylene Chloride
Concen: 17.408 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

Tgt Ion: 84 Resp: 140854
Ion Ratio Lower Upper
84 100
49 114.2 98.2 147.4
51 35.1 29.9 44.9
86 63.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 17.103 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

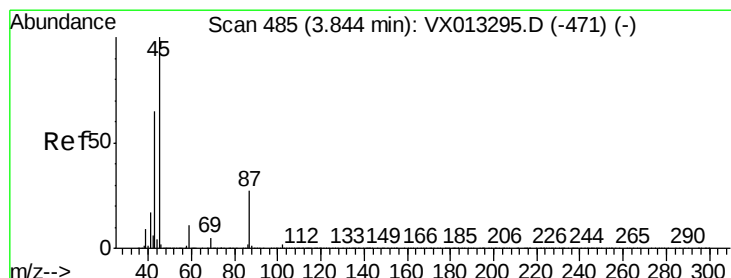
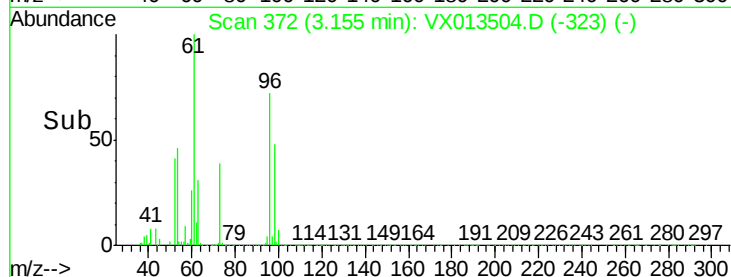
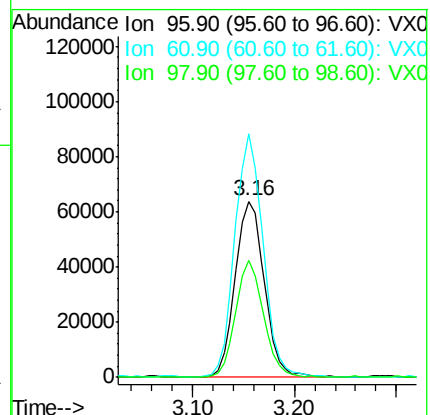
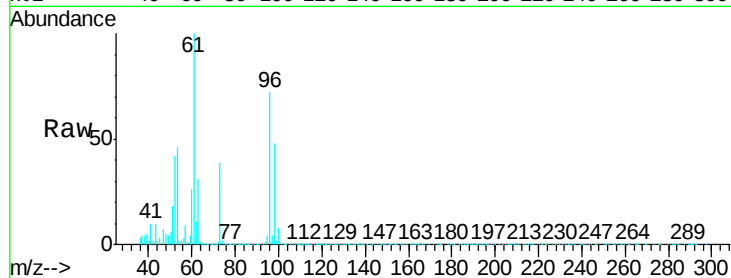
Tgt Ion: 96 Resp: 126594

Ion Ratio Lower Upper

96 100

61 138.1 105.8 158.6

98 66.3 51.8 77.6



#22

Diisopropyl ether

Concen: 18.772 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Tgt Ion: 45 Resp: 447653

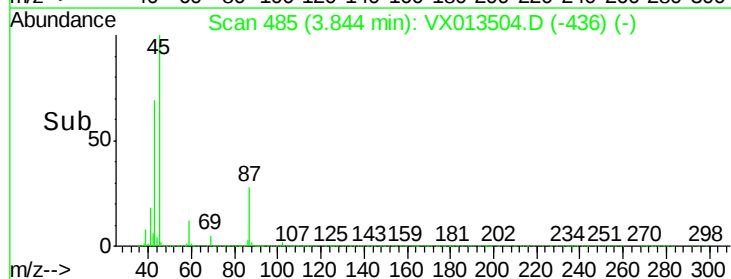
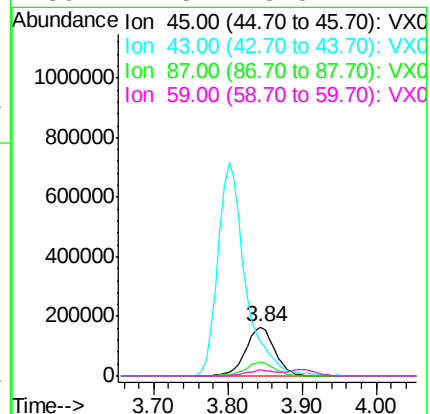
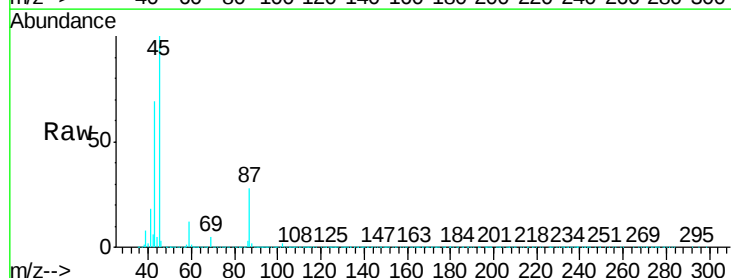
Ion Ratio Lower Upper

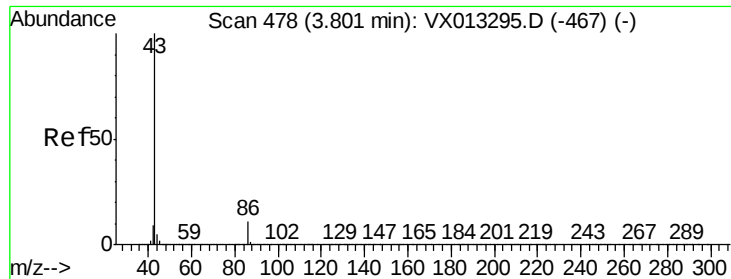
45 100

43 69.1 54.2 81.2

87 27.9 21.8 32.8

59 11.8 8.5 12.7

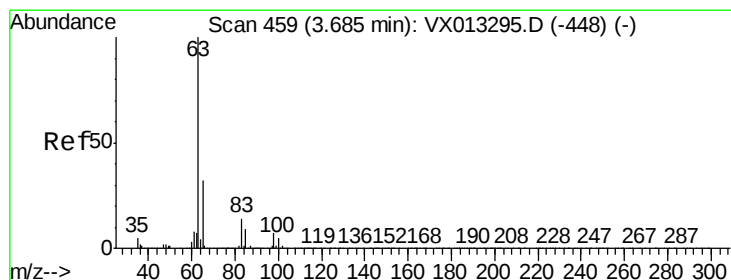
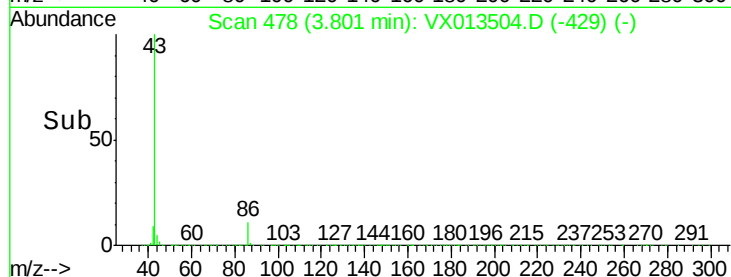
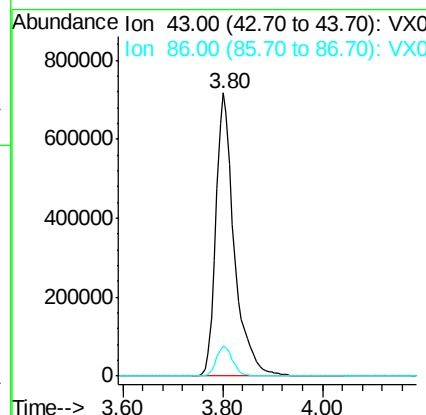
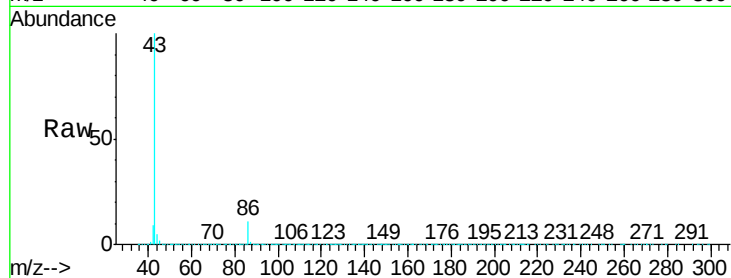




#23
 Vinyl Acetate
 Concen: 90.062 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX013504.D
 Acq: 21 Nov 2019 15:36

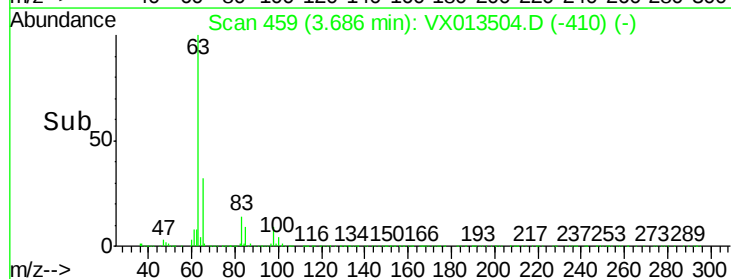
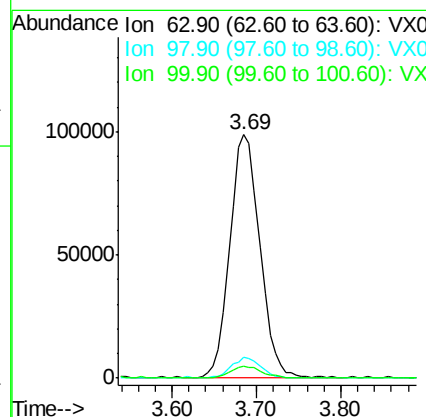
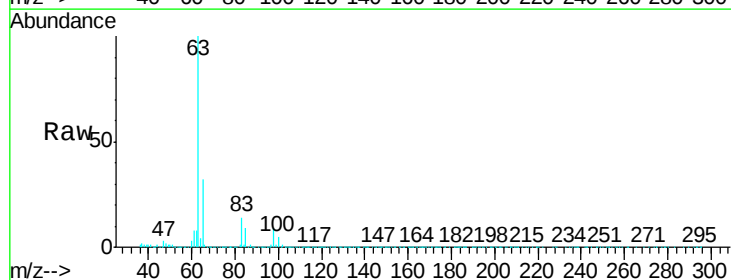
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS02

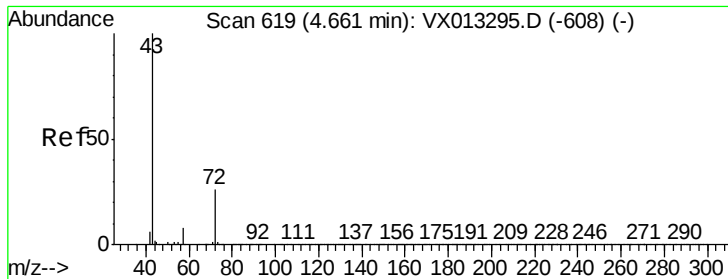
Tgt Ion: 43 Resp: 1837759
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 17.902 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX013504.D
 Acq: 21 Nov 2019 15:36

Tgt Ion: 63 Resp: 238813
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.5 10.4
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 87.639 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

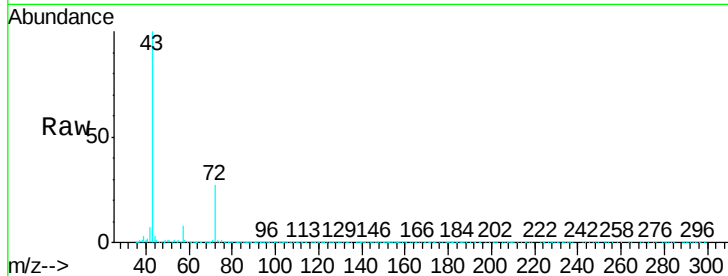
VX1121WBS02

Tgt Ion: 43 Resp: 563042

Ion Ratio Lower Upper

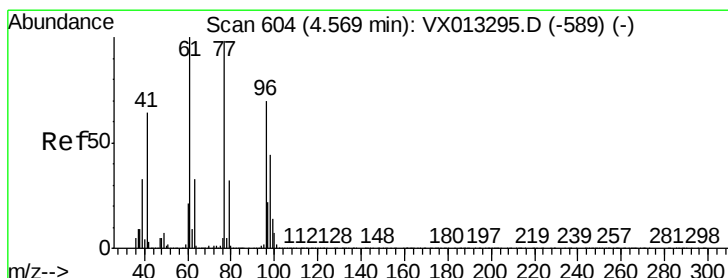
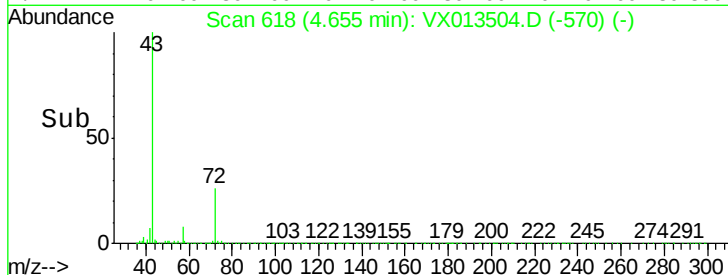
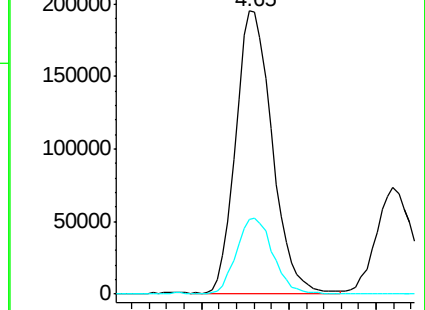
43 100

72 26.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.182 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013504.D

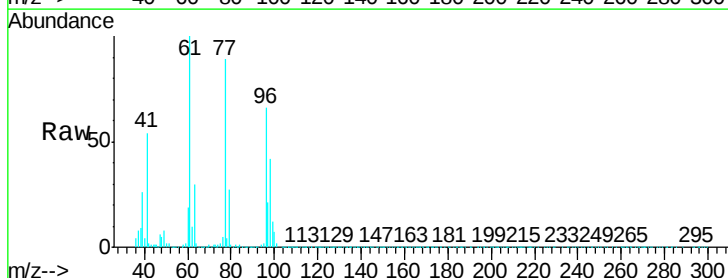
Acq: 21 Nov 2019 15:36

Tgt Ion: 77 Resp: 192953

Ion Ratio Lower Upper

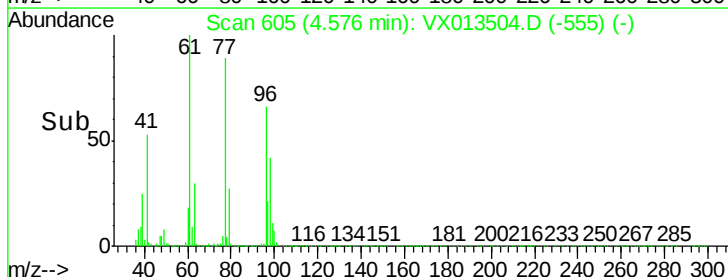
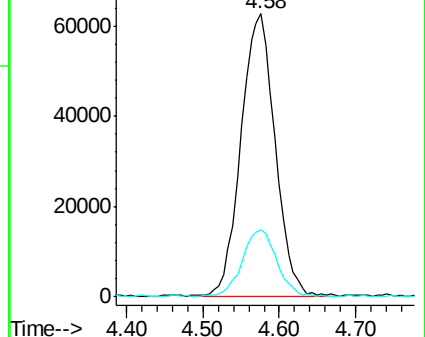
77 100

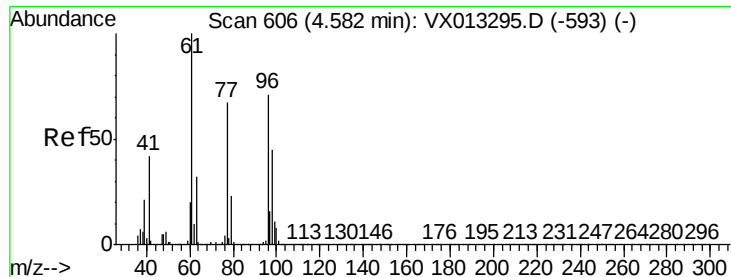
97 24.4 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



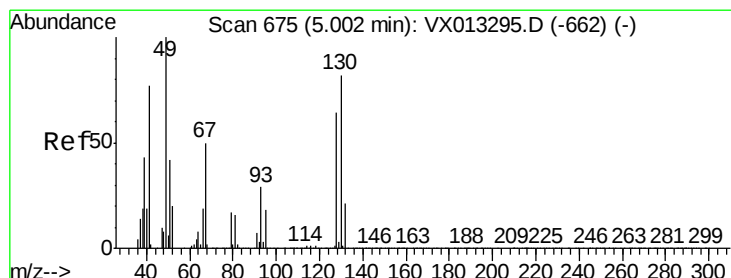
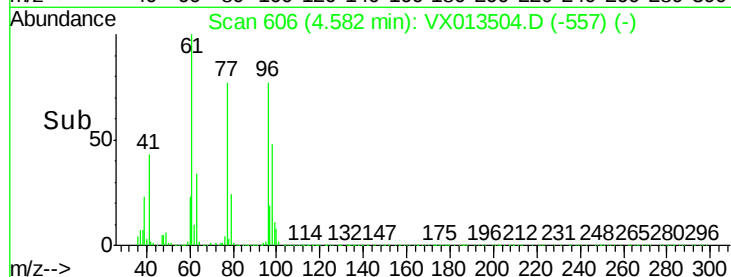
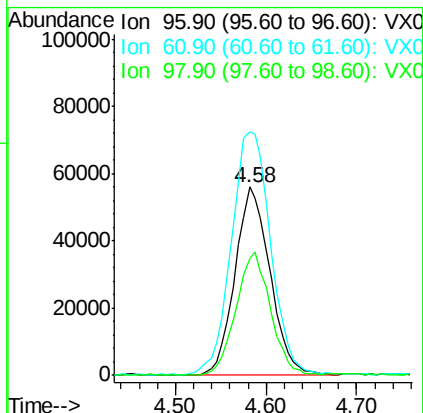
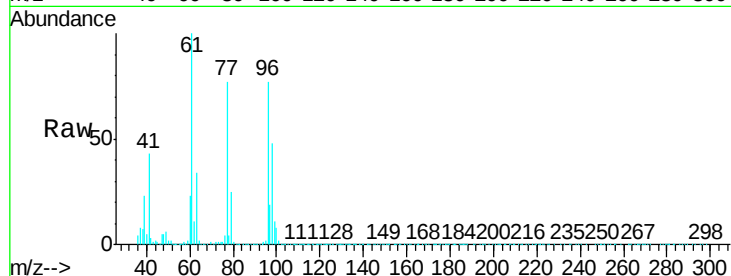


#27

cis-1,2-Dichloroethene
Concen: 18.200 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

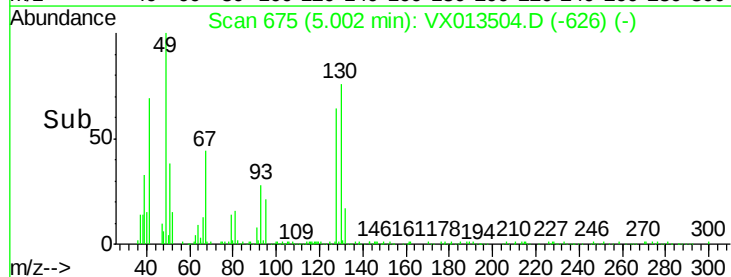
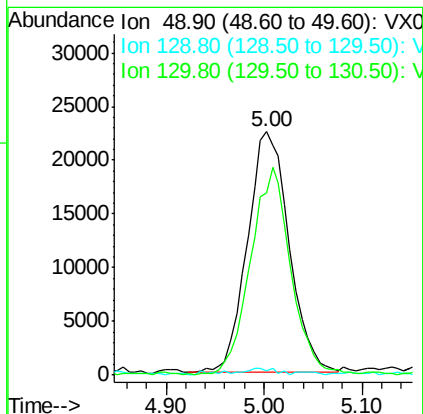
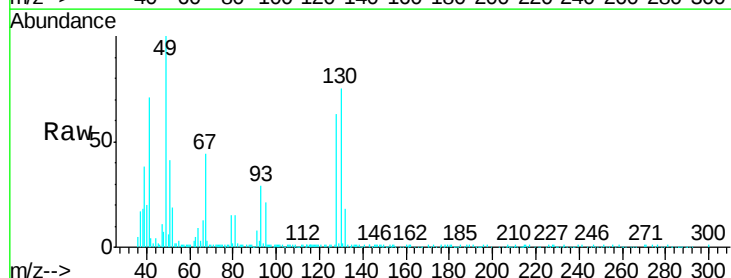
Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	288.0
98	63.1	0.0	129.6

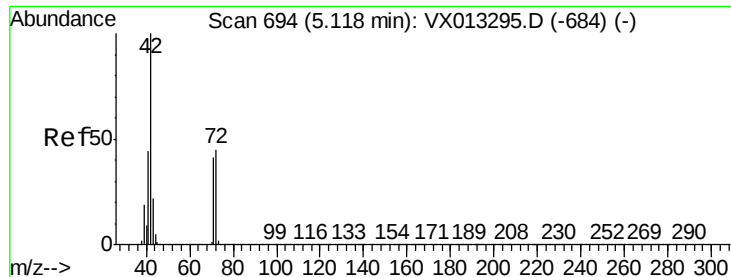


#28

Bromochloromethane
Concen: 17.588 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.2
130	82.9	63.8	95.6





#29

Tetrahydrofuran

Concen: 91.423 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

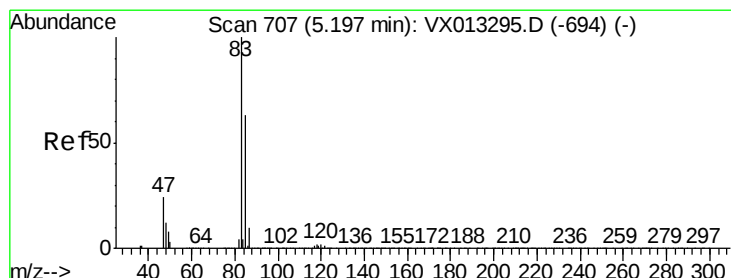
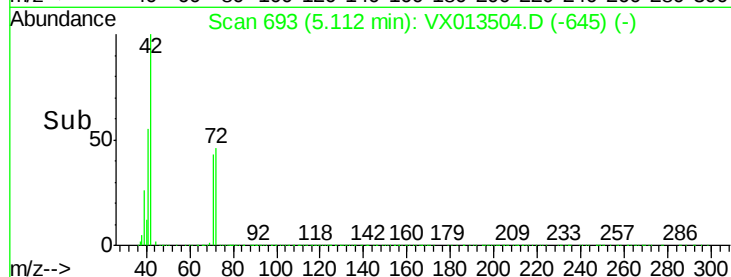
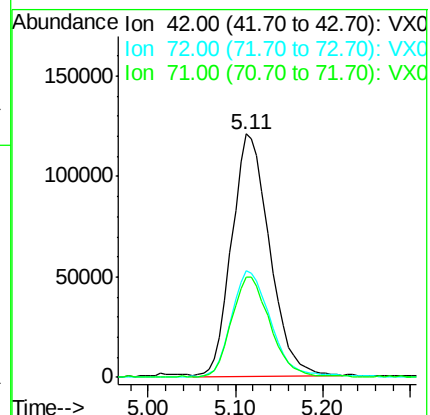
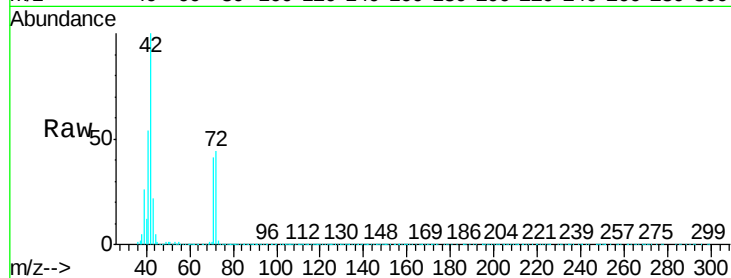
Tgt Ion: 42 Resp: 361952

Ion Ratio Lower Upper

42 100

72 46.5 35.8 53.8

71 42.0 33.4 50.0



#30

Chloroform

Concen: 18.258 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013504.D

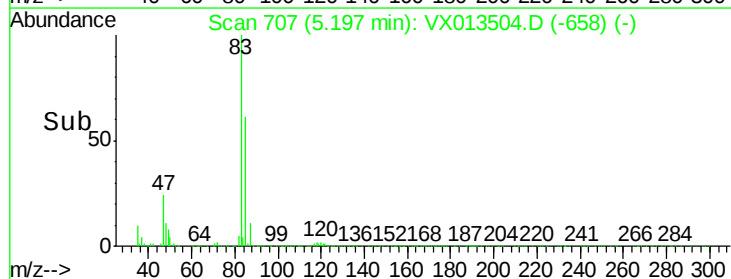
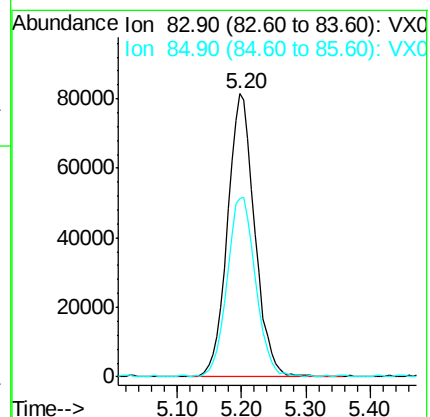
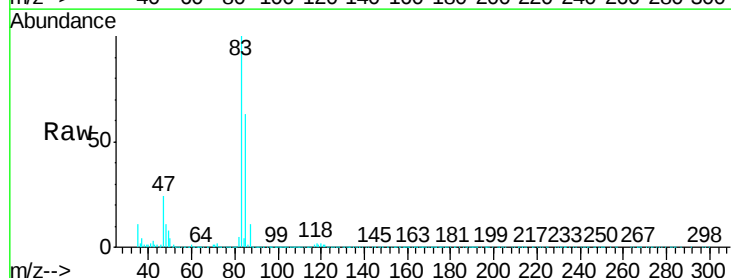
Acq: 21 Nov 2019 15:36

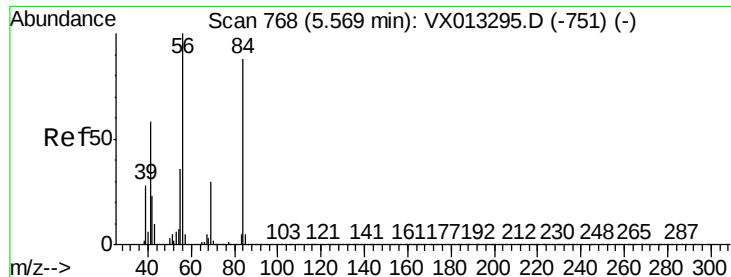
Tgt Ion: 83 Resp: 240509

Ion Ratio Lower Upper

83 100

85 62.9 50.2 75.4

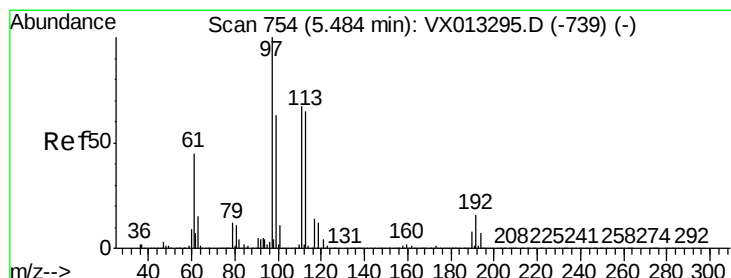
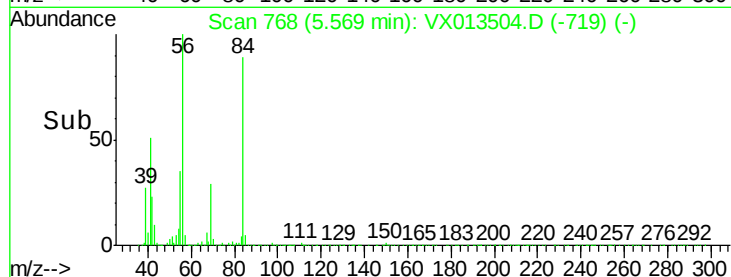
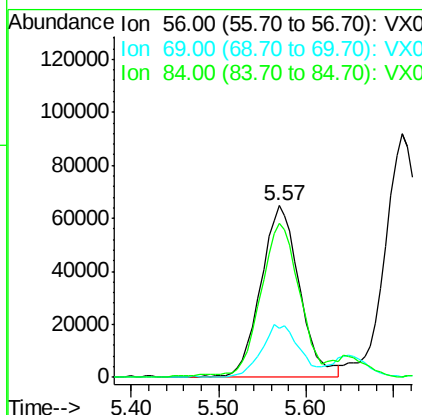
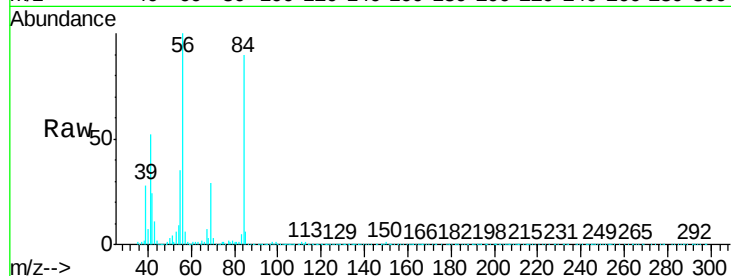




#31
Cyclohexane
Concen: 16.477 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

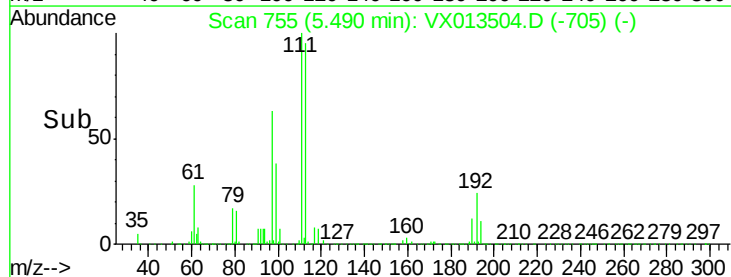
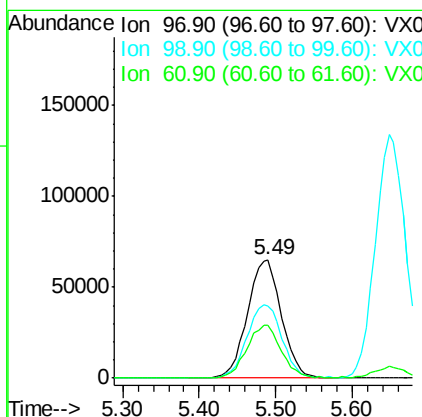
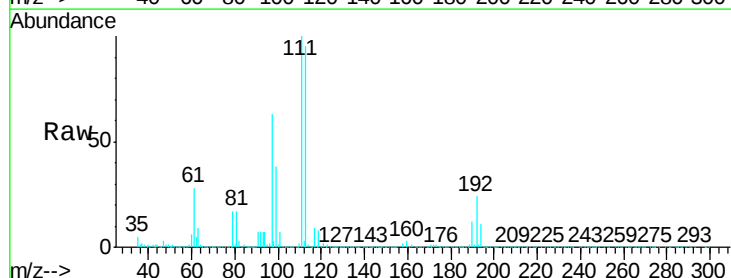
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

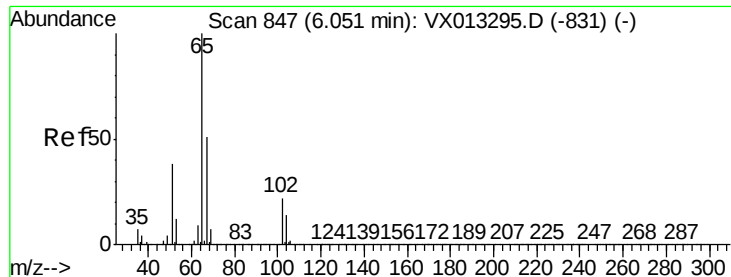
Tgt Ion: 56 Resp: 197790
Ion Ratio Lower Upper
56 100
69 28.5 23.7 35.5
84 89.4 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 17.623 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

Tgt Ion: 97 Resp: 199779
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 44.6 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 40.901 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

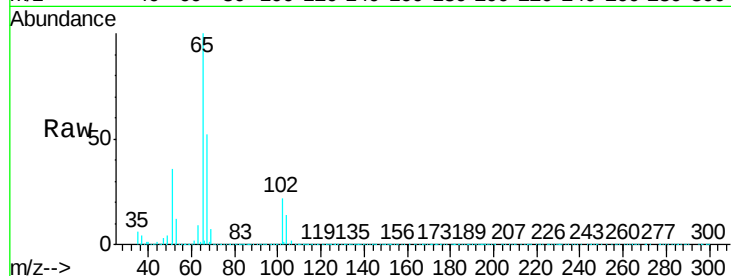
VX1121WBS02

Tgt Ion: 65 Resp: 359111

Ion Ratio Lower Upper

65 100

67 52.6 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

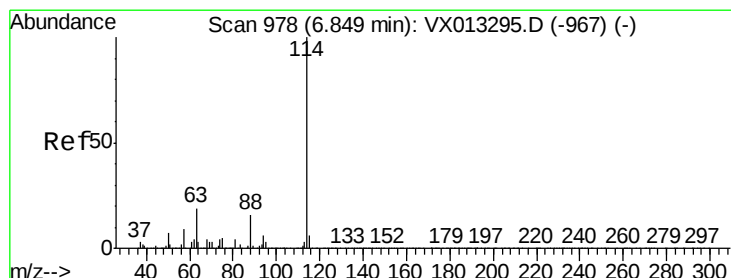
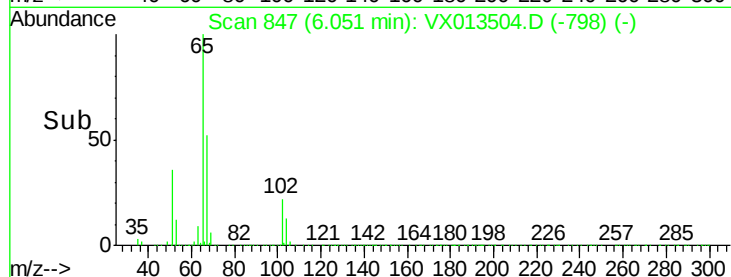
150000

100000

50000

0

Time--> 5.90 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: VX013504.D

Acq: 21 Nov 2019 15:36

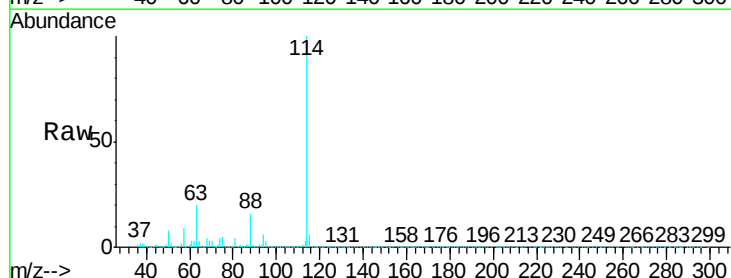
Tgt Ion: 114 Resp: 1142630

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.4

88 15.8 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

600000

500000

400000

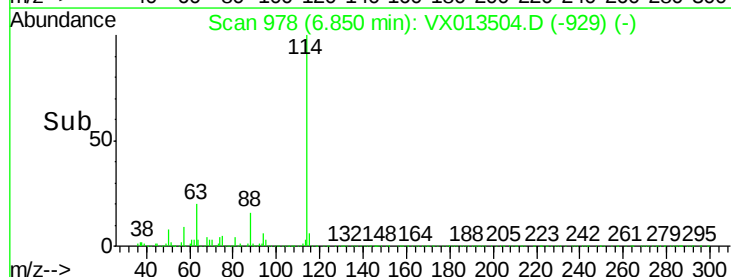
300000

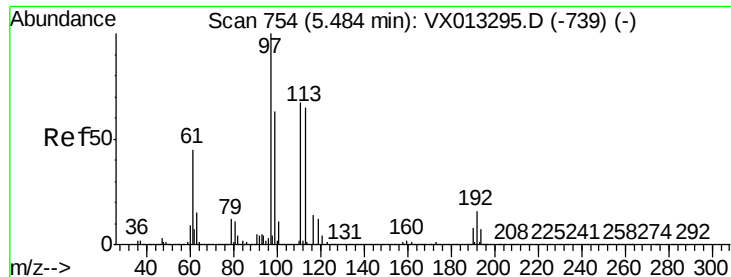
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 41.200 ug/l

RT: 5.48 min Scan# 754

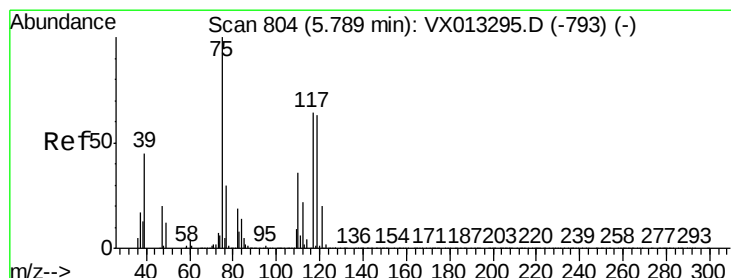
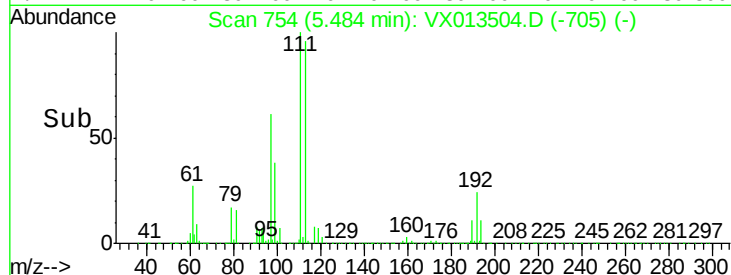
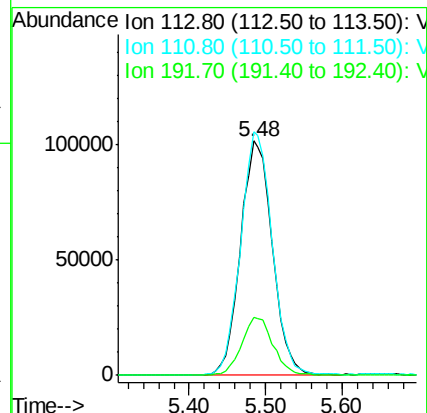
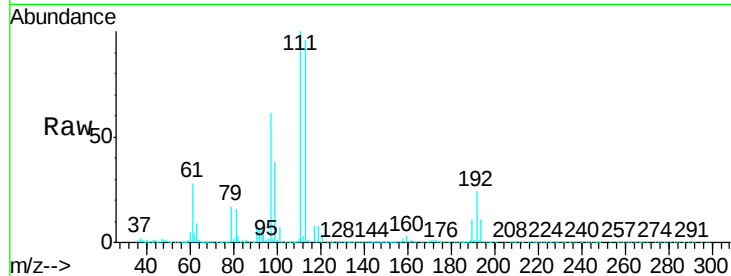
Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :
MSVOA_X
ClientSampled :
VX1121WBS02

Tgt Ion:	113	Resp:	295269
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	24.3	19.1	28.7



#36

1,1-Dichloropropene

Concen: 16.917 ug/l

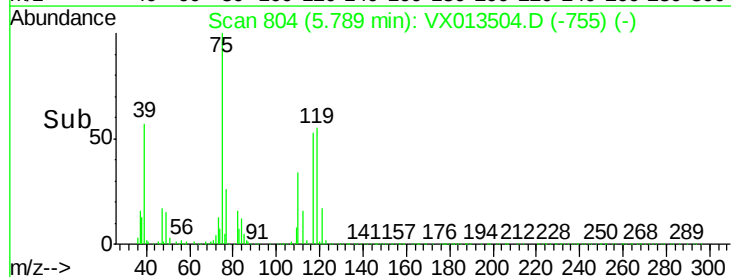
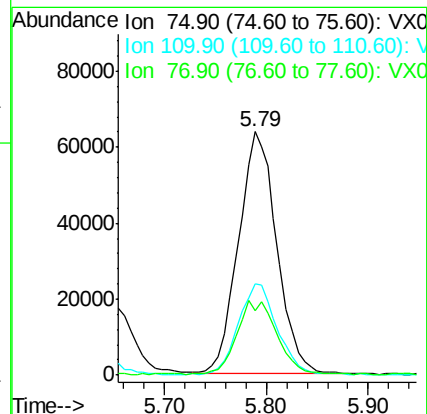
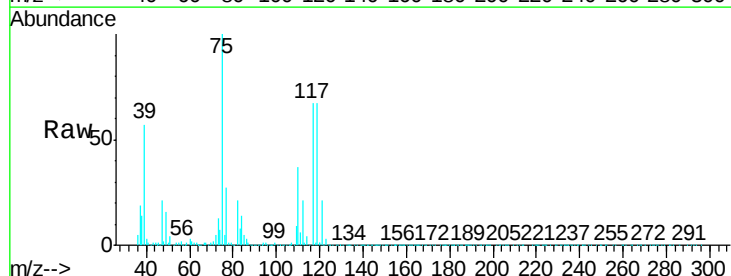
RT: 5.79 min Scan# 804

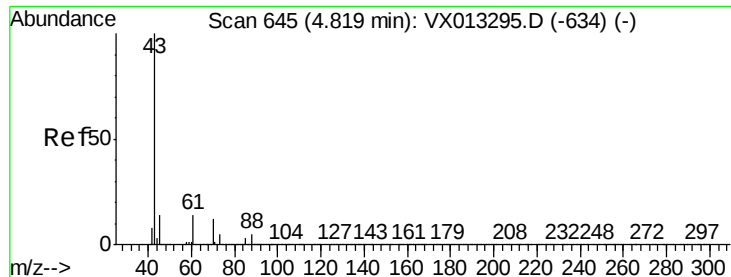
Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Tgt Ion:	75	Resp:	165831
Ion	Ratio	Lower	Upper
75	100		
110	38.3	18.1	54.1
77	32.1	25.0	37.4

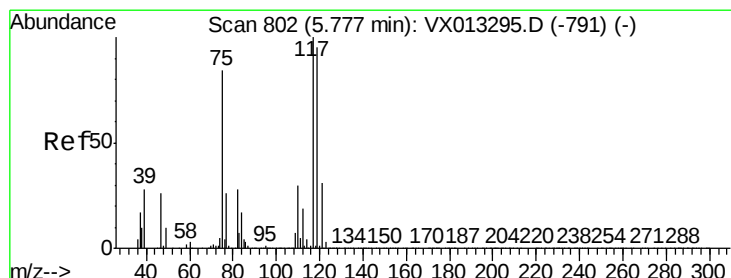
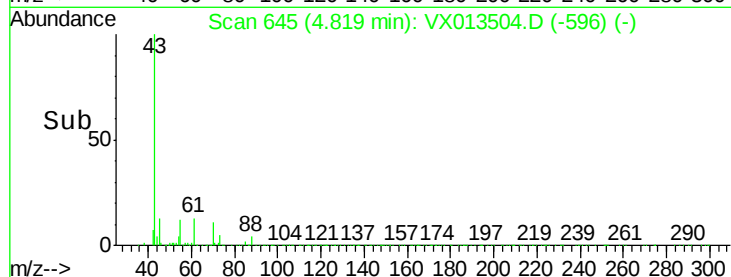
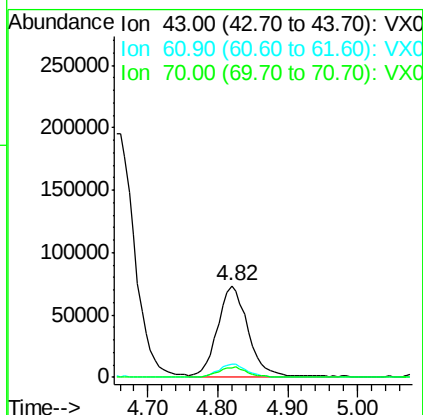
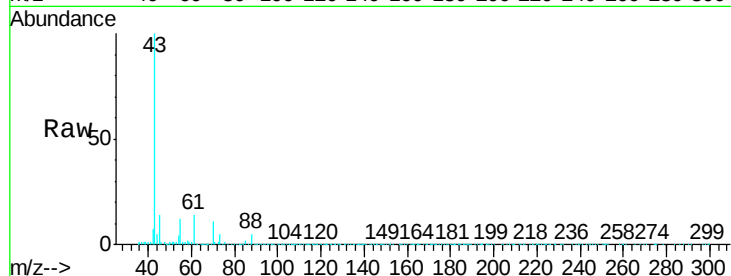




#37
Ethyl Acetate
Concen: 17.797 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

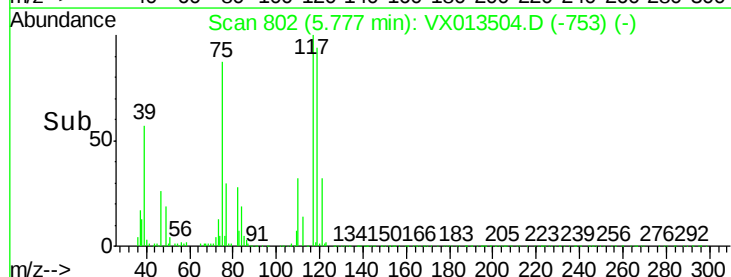
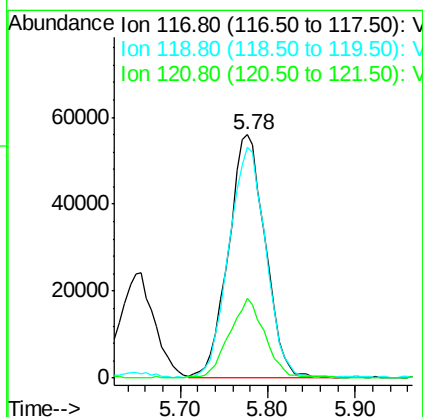
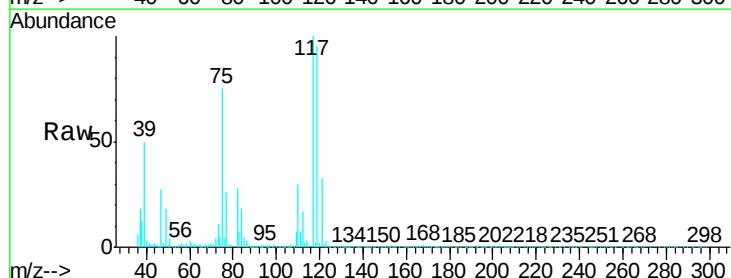
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

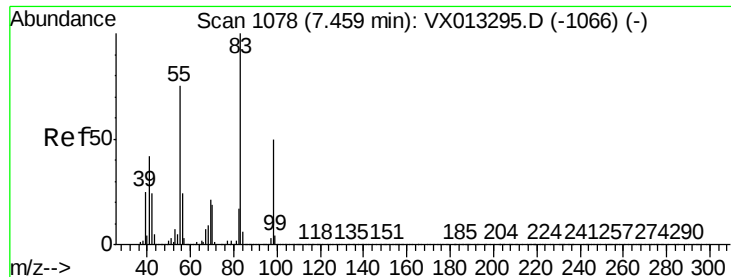
Tgt Ion: 43 Resp: 215559
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 11.0 8.7 13.1



#38
Carbon Tetrachloride
Concen: 16.947 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

Tgt Ion: 117 Resp: 162443
Ion Ratio Lower Upper
117 100
119 94.3 76.1 114.1
121 32.3 24.6 37.0

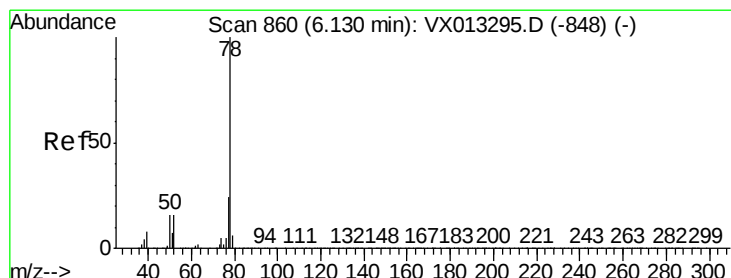
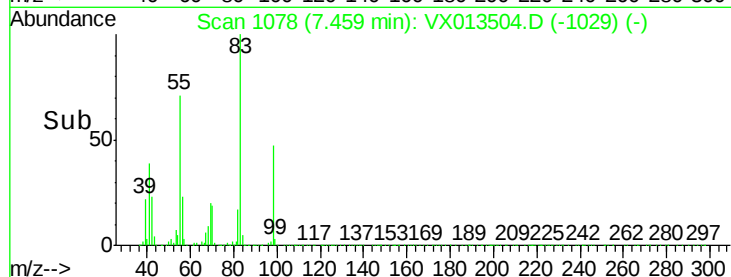
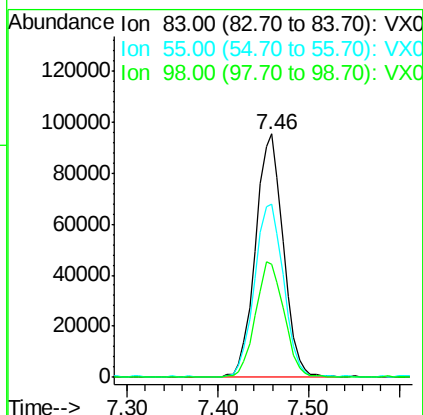
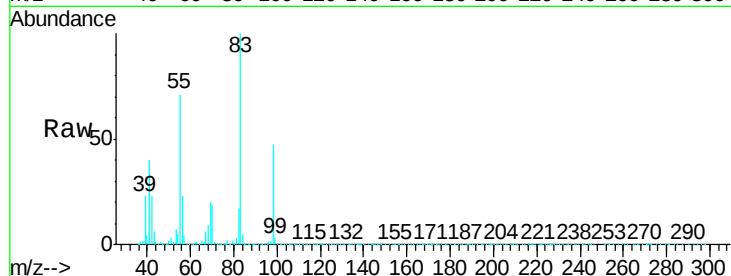




#39
Methylcyclohexane
Concen: 16.508 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

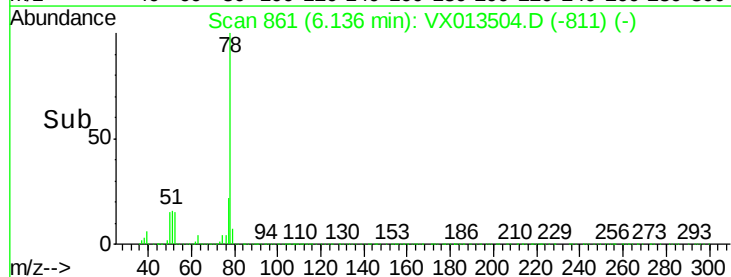
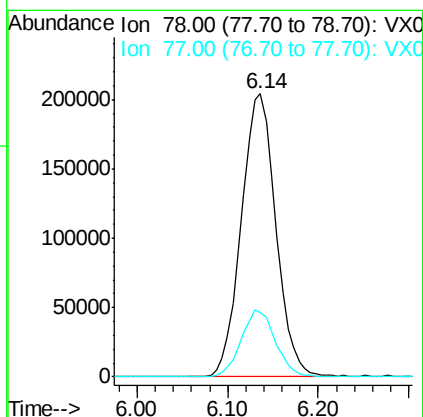
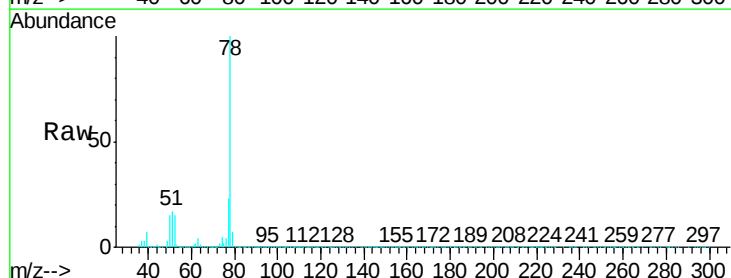
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

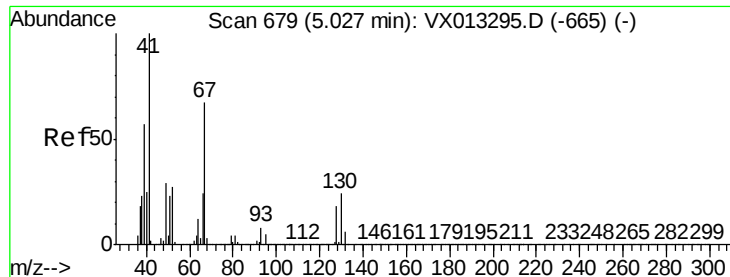
Tgt Ion: 83 Resp: 201624
Ion Ratio Lower Upper
83 100
55 71.1 60.3 90.5
98 46.4 40.3 60.5



#40
Benzene
Concen: 17.677 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

Tgt Ion: 78 Resp: 539765
Ion Ratio Lower Upper
78 100
77 22.5 19.5 29.3





#41

Methacrylonitrile

Concen: 17.592 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

Tgt Ion: 41 Resp: 119434

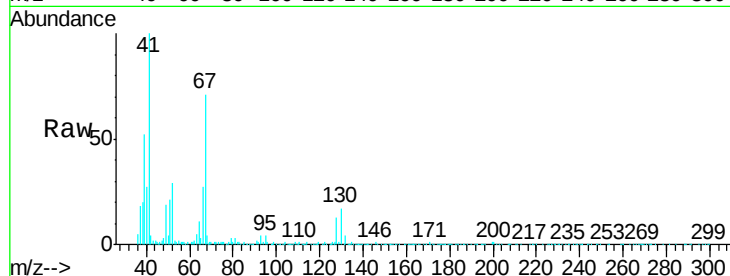
Ion Ratio Lower Upper

41 100

39 56.1 45.0 67.6

67 72.1 55.4 83.2

52 27.2 23.1 34.7

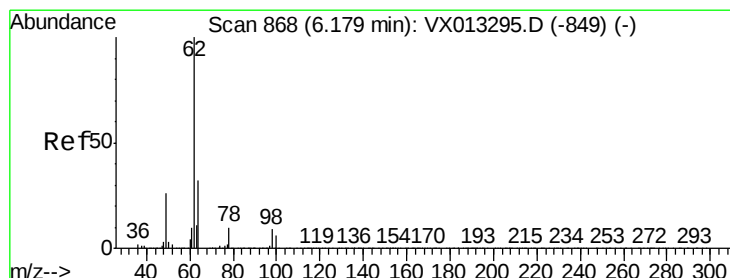
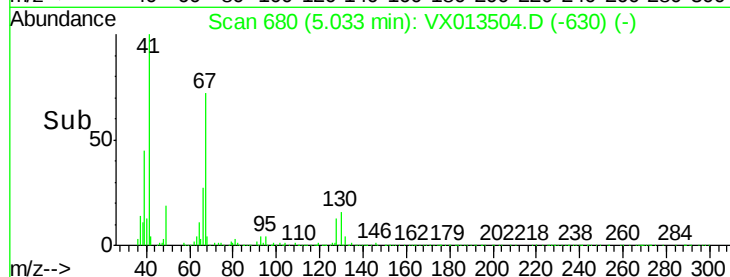
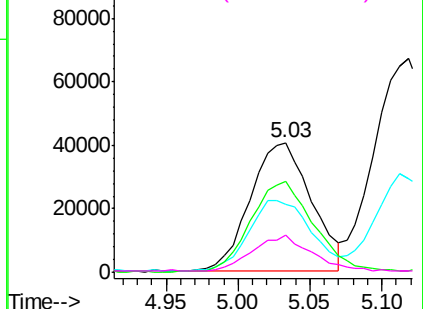


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 17.439 ug/l

RT: 6.18 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX013504.D

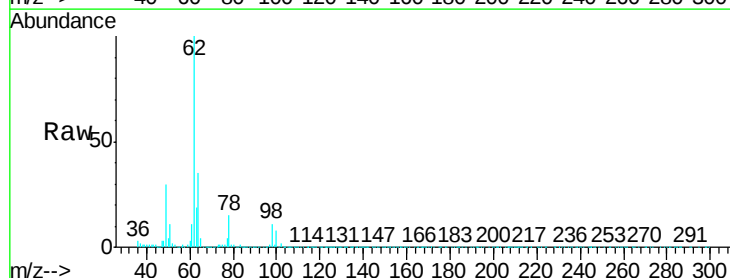
Acq: 21 Nov 2019 15:36

Tgt Ion: 62 Resp: 192072

Ion Ratio Lower Upper

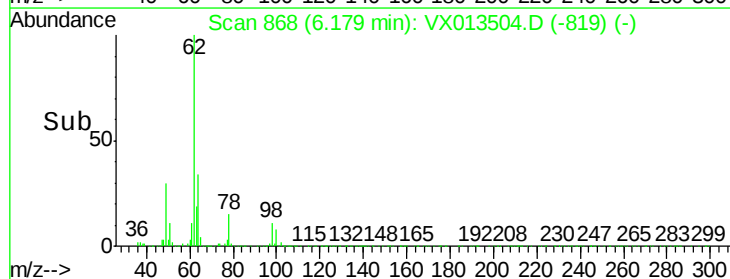
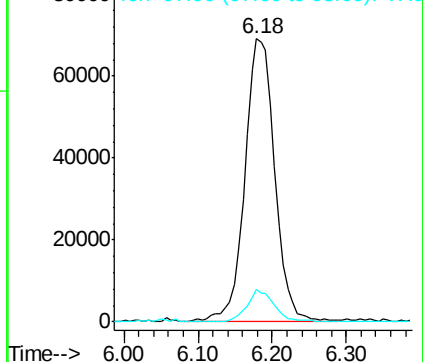
62 100

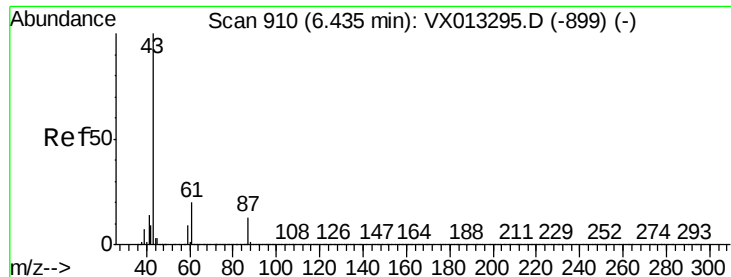
98 10.6 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.527 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

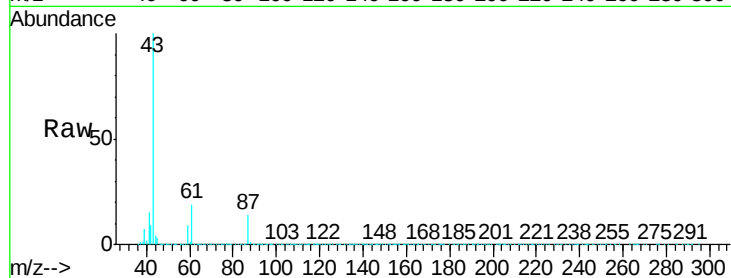
Tgt Ion: 43 Resp: 349446

Ion Ratio Lower Upper

43 100

61 19.8 15.8 23.8

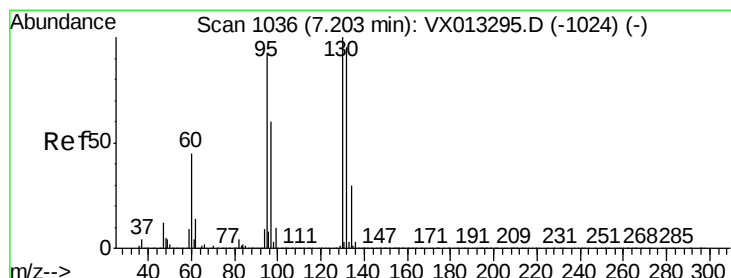
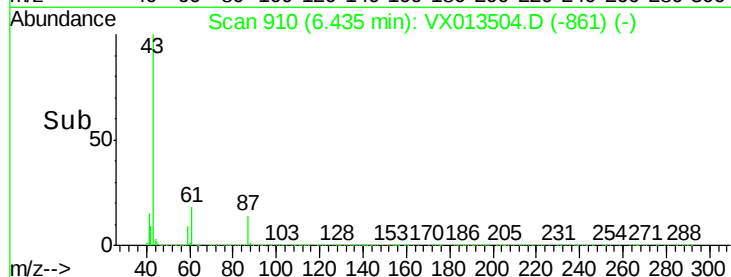
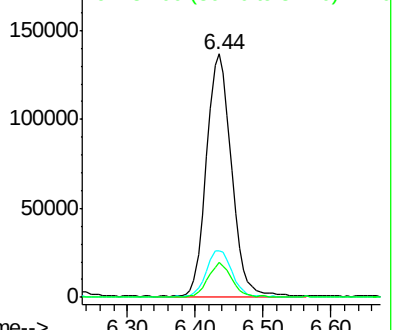
87 13.5 10.4 15.6



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: 16.987 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013504.D

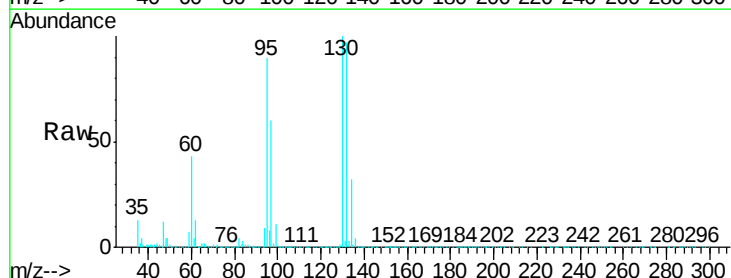
Acq: 21 Nov 2019 15:36

Tgt Ion: 130 Resp: 142771

Ion Ratio Lower Upper

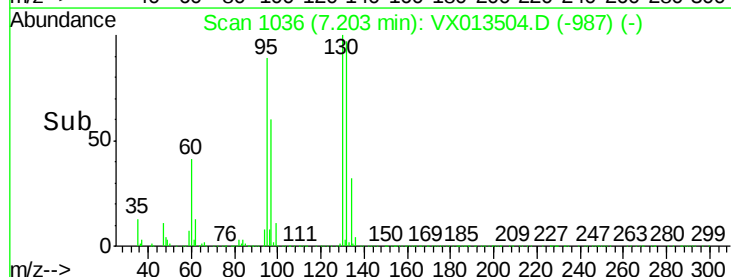
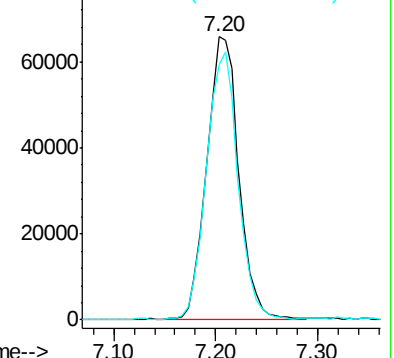
130 100

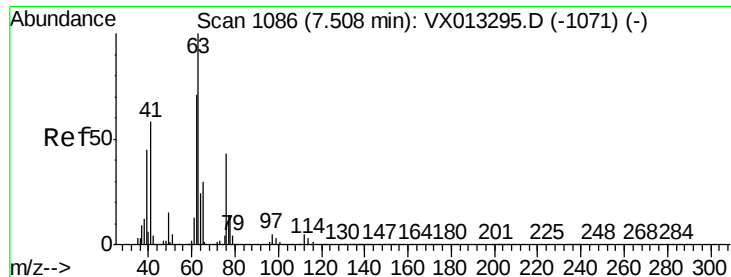
95 90.0 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

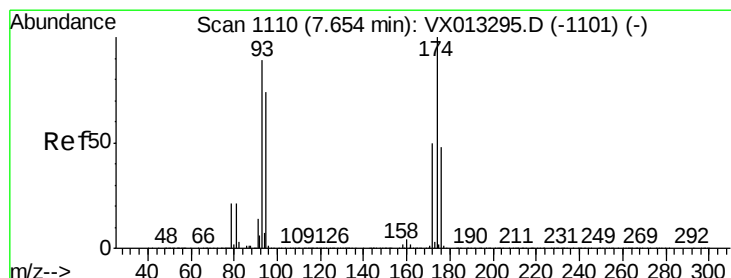
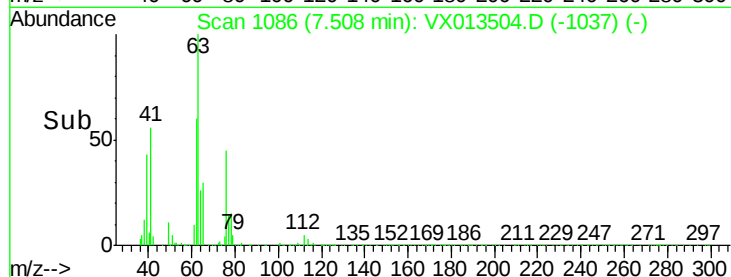
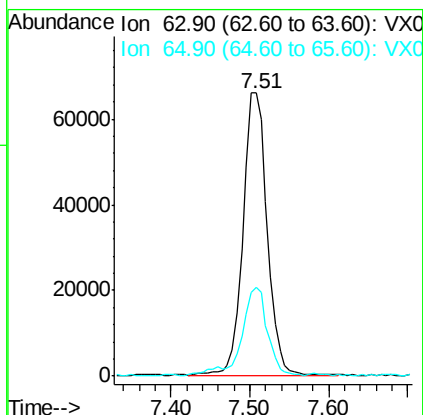
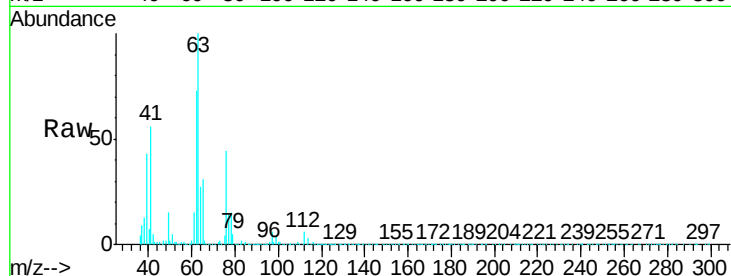




#45
 1,2-Dichloropropane
 Concen: 18.042 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013504.D
 Acq: 21 Nov 2019 15:36

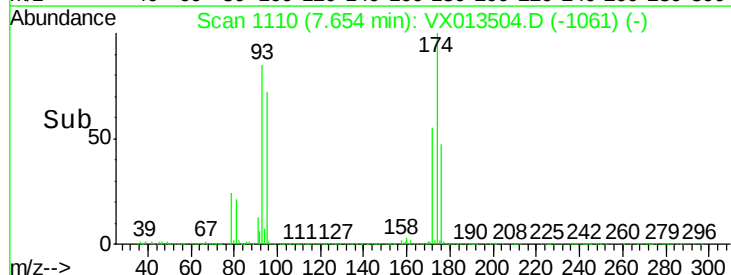
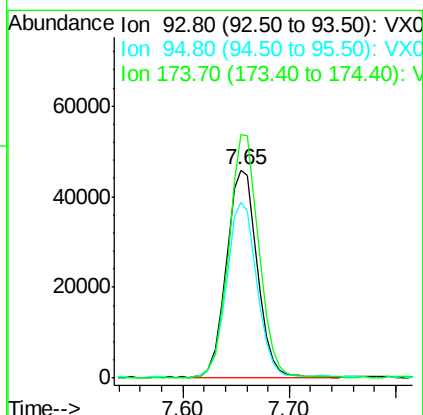
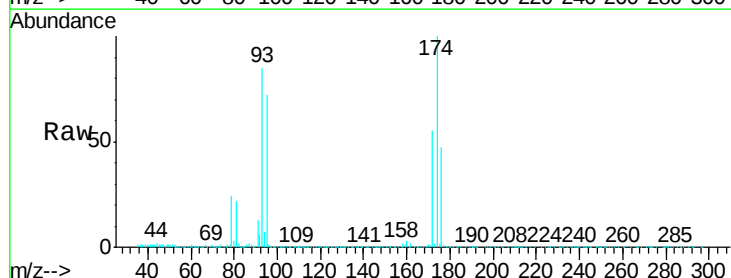
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS02

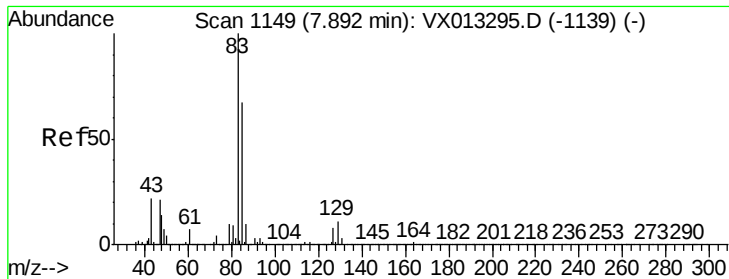
Tgt Ion: 63 Resp: 140363
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.3 36.5



#46
 Dibromomethane
 Concen: 17.389 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013504.D
 Acq: 21 Nov 2019 15:36

Tgt Ion: 93 Resp: 92369
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.8 98.6
 174 116.6 90.4 135.6





#47

Bromodichloromethane

Concen: 18.008 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

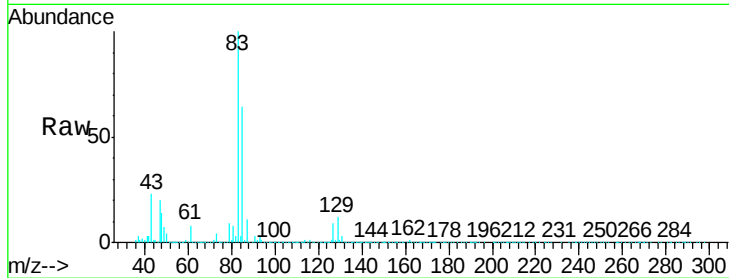
Tgt Ion: 83 Resp: 180383

Ion Ratio Lower Upper

83 100

85 63.6 53.7 80.5

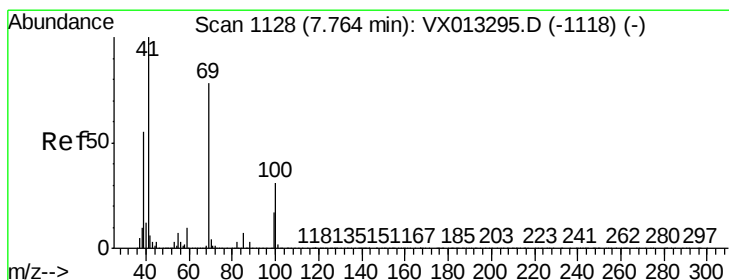
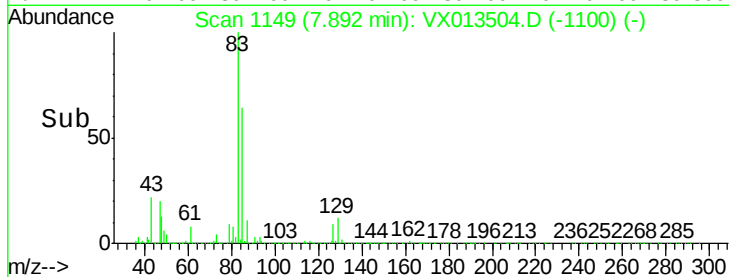
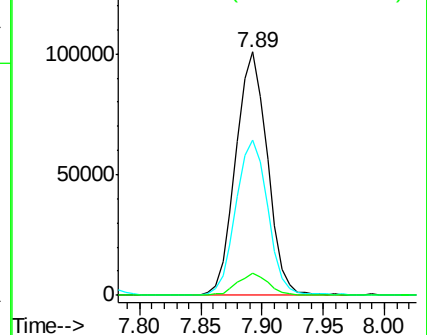
127 9.0 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.256 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

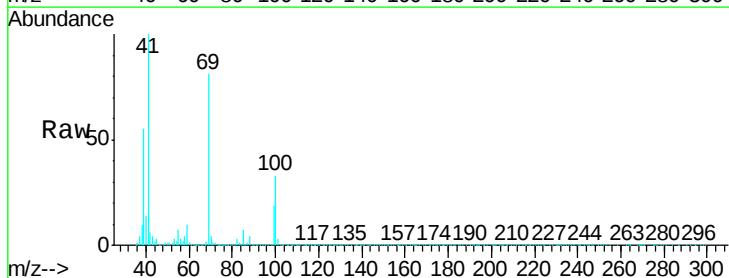
Tgt Ion: 41 Resp: 171877

Ion Ratio Lower Upper

41 100

69 78.4 63.0 94.6

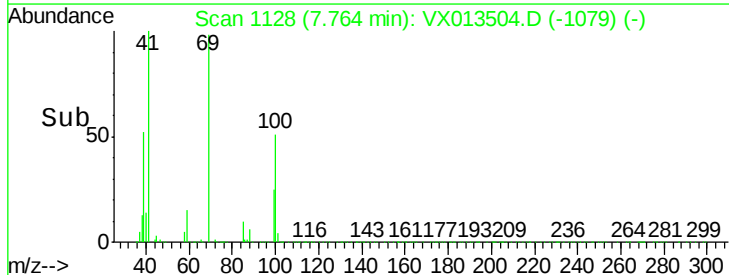
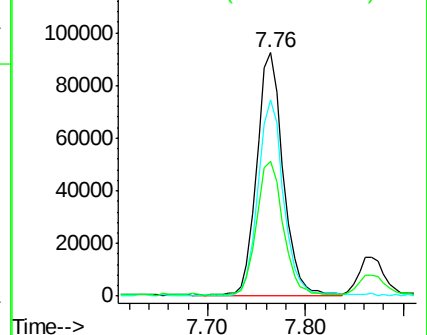
39 55.9 45.9 68.9

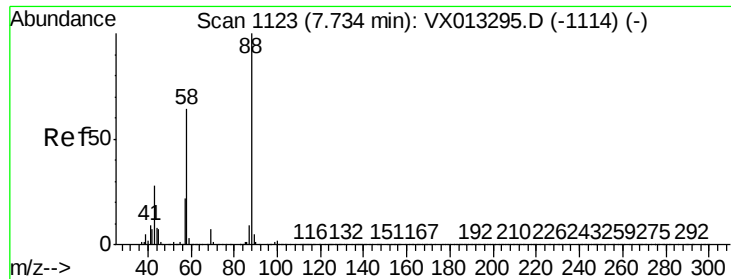


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

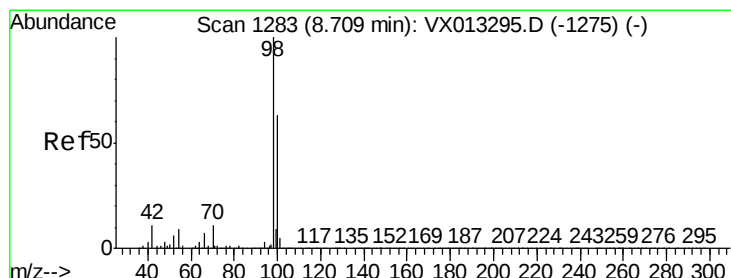
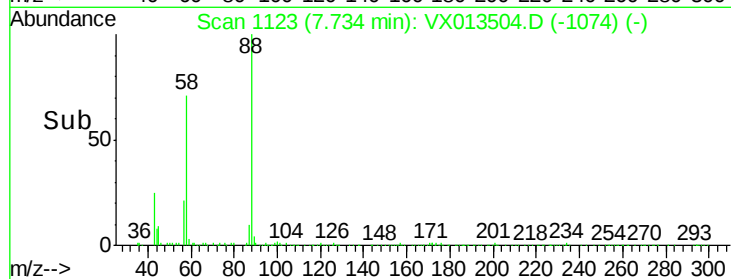
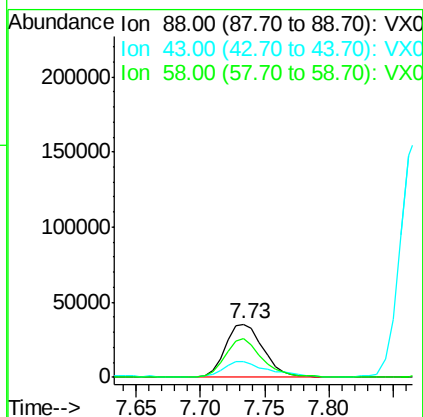
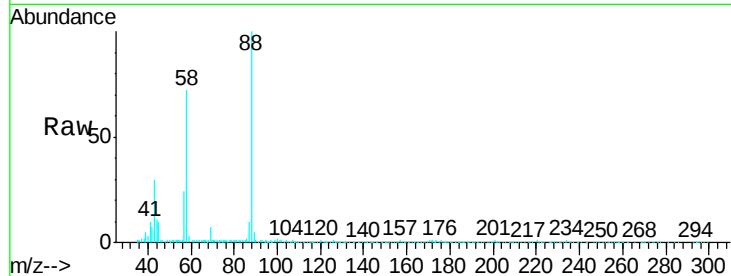




#49
1,4-Dioxane
Concen: 343.277 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

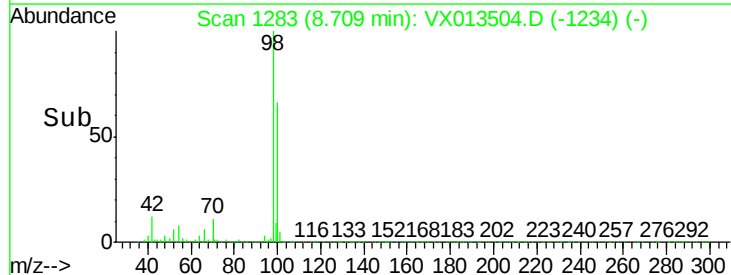
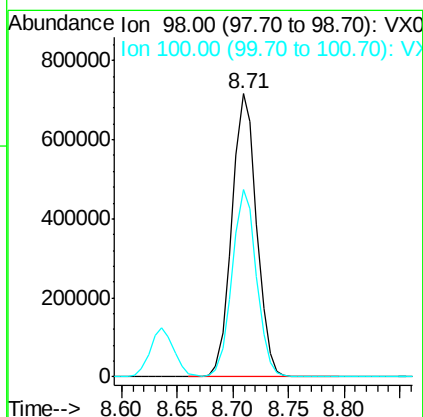
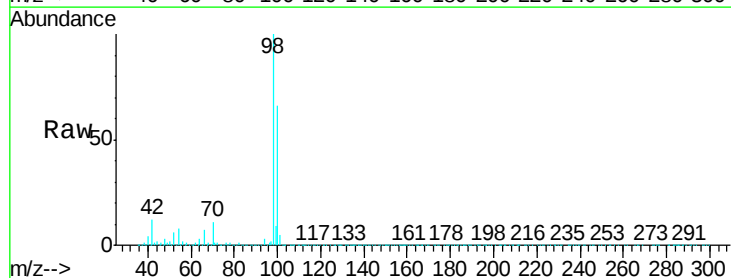
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

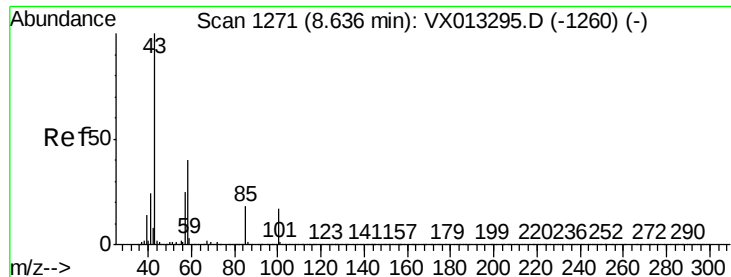
Tgt Ion: 88 Resp: 74016
Ion Ratio Lower Upper
88 100
43 34.4 26.6 39.8
58 72.1 55.0 82.6



#50
Toluene-d8
Concen: 40.925 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

Tgt Ion: 98 Resp: 1105709
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2

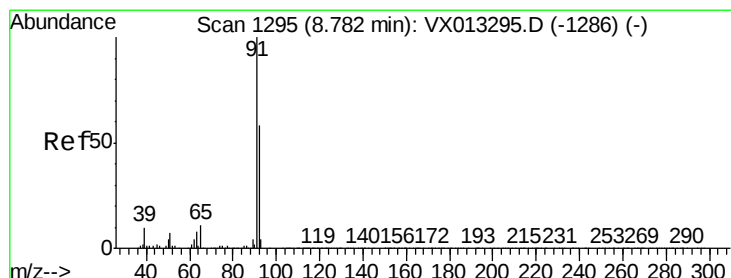
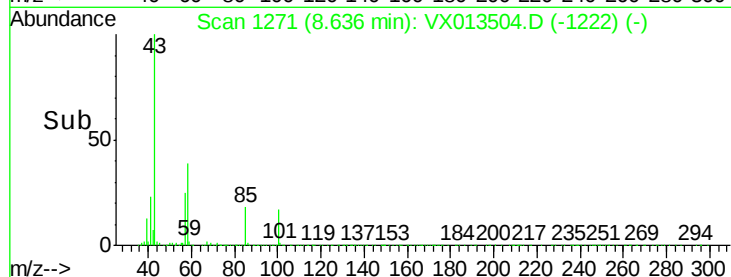
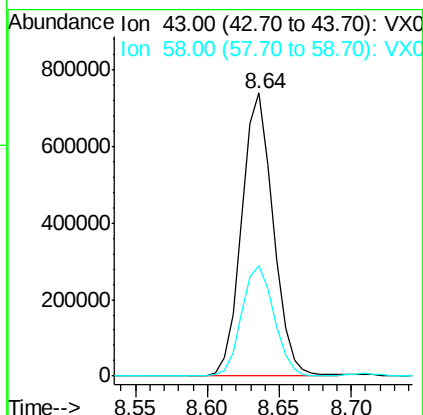
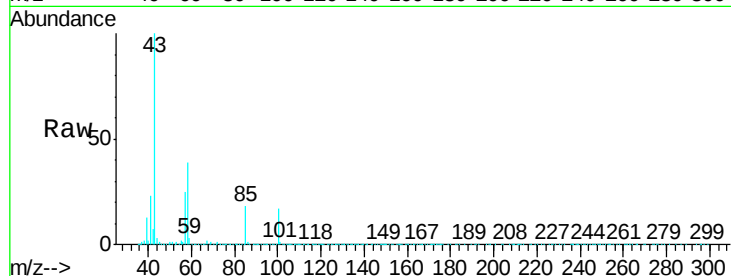




#51
 4-Methyl-2-Pentanone
 Concen: 90.665 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX013504.D
 Acq: 21 Nov 2019 15:36

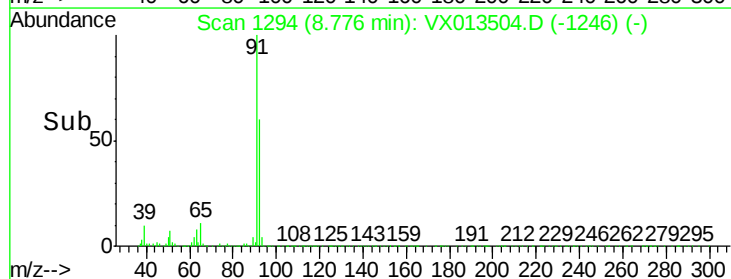
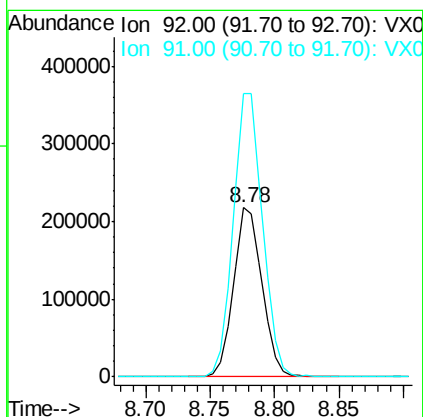
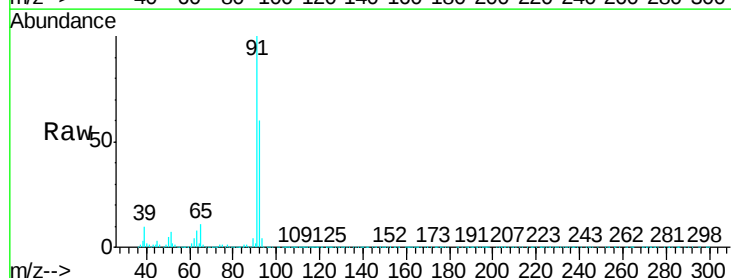
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS02

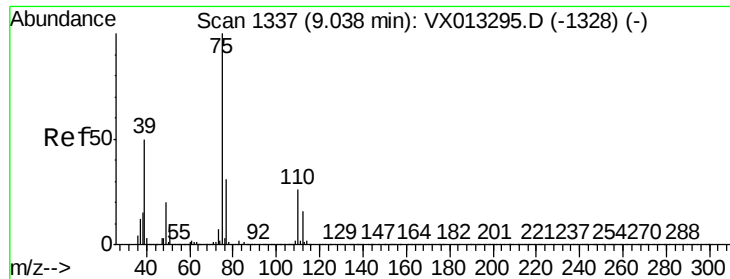
Tgt Ion: 43 Resp: 1121935
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.4 47.0



#52
 Toluene
 Concen: 17.646 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX013504.D
 Acq: 21 Nov 2019 15:36

Tgt Ion: 92 Resp: 333950
 Ion Ratio Lower Upper
 92 100
 91 172.8 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 18.011 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampled :

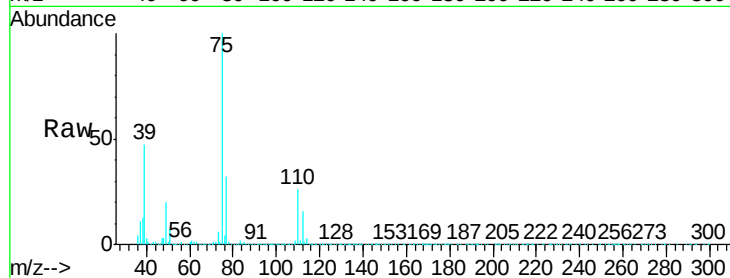
VX1121WBS02

Tgt Ion: 75 Resp: 197283

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

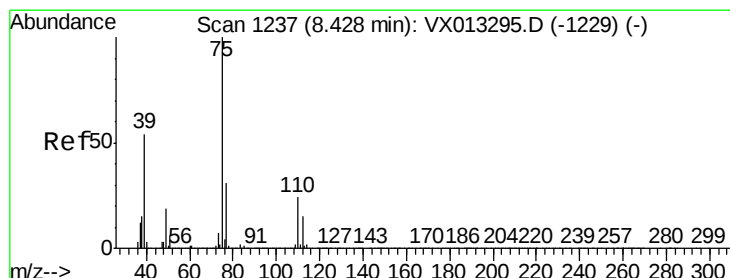
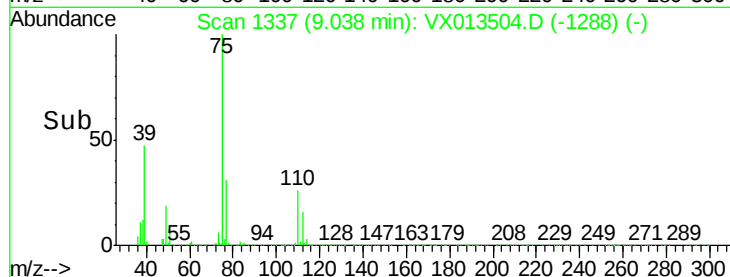
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.137 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

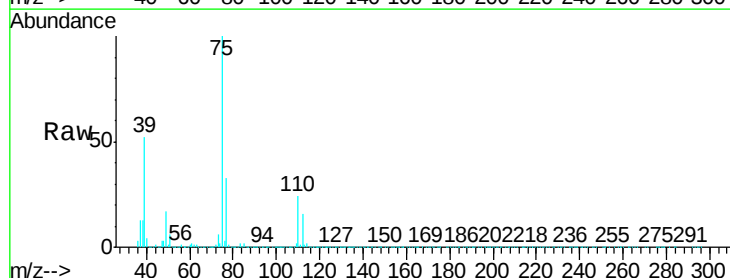
Tgt Ion: 75 Resp: 222218

Ion Ratio Lower Upper

75 100

77 32.4 24.7 37.1

39 51.8 43.0 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

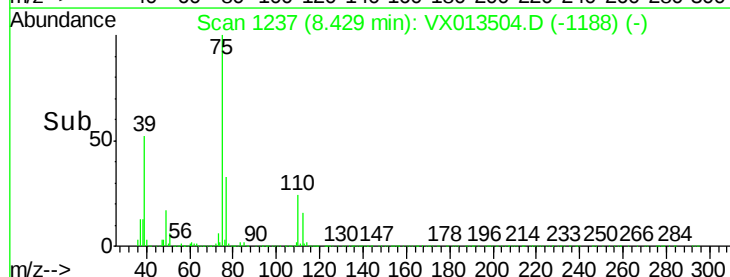
150000

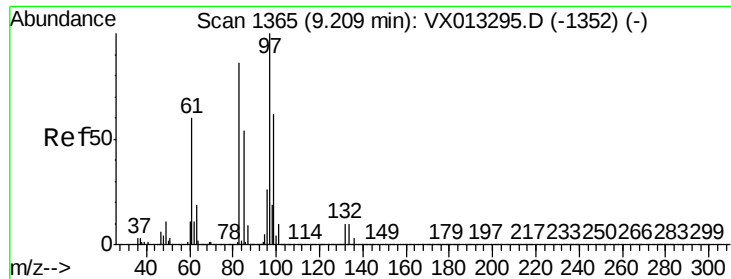
100000

50000

0

Time-->

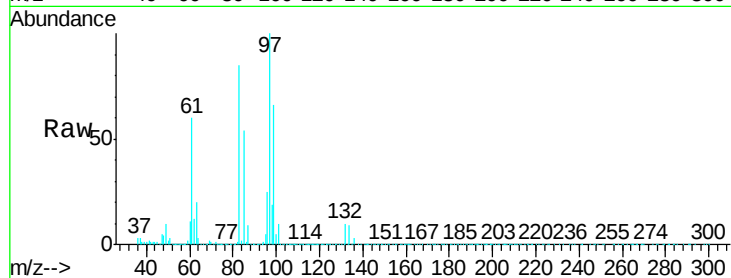




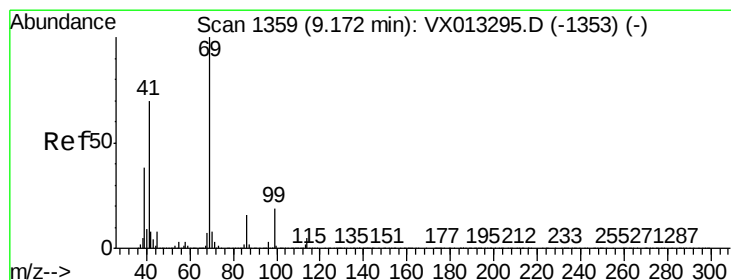
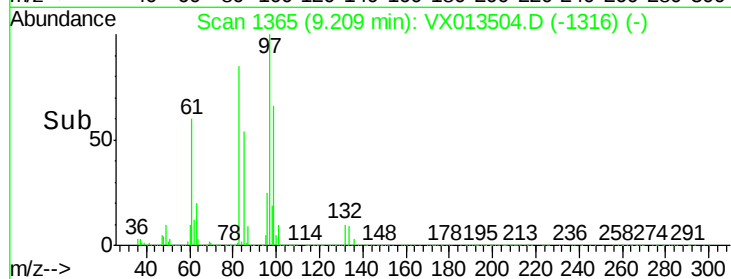
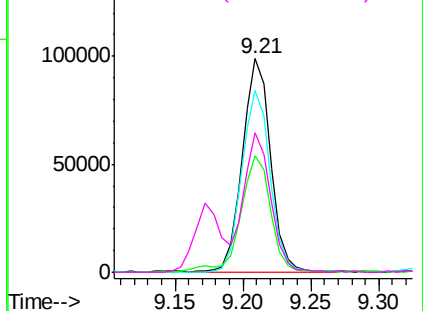
#55
 1,1,2-Trichloroethane
 Concen: 18.137 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013504.D
 Acq: 21 Nov 2019 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS02

Tgt Ion:	97	Resp:	142270
Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.6	103.0
85	54.4	43.1	64.7
99	65.3	49.4	74.0

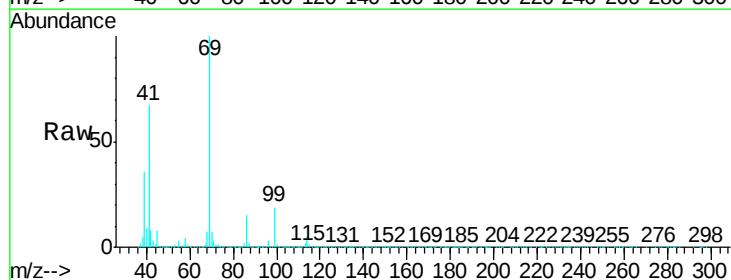


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

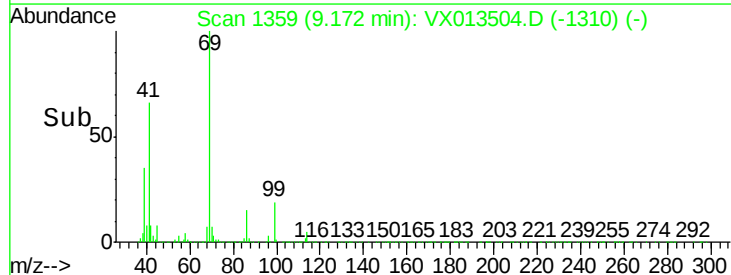
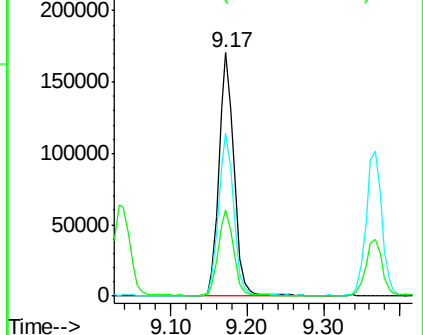


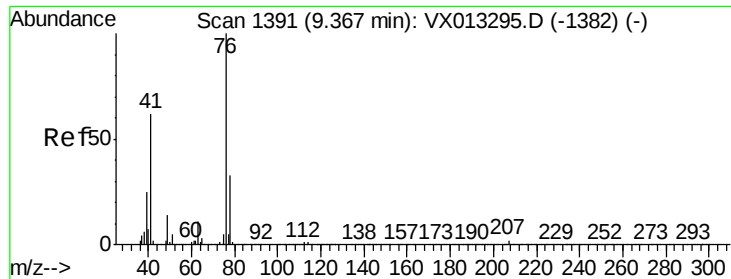
#56
 Ethyl methacrylate
 Concen: 18.254 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013504.D
 Acq: 21 Nov 2019 15:36

Tgt Ion:	69	Resp:	230724
Ion	Ratio	Lower	Upper
69	100		
41	66.5	56.2	84.2
39	35.9	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

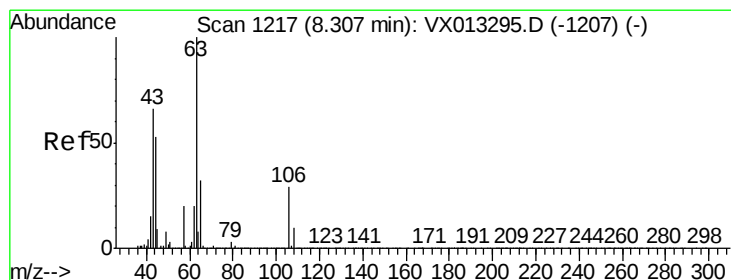
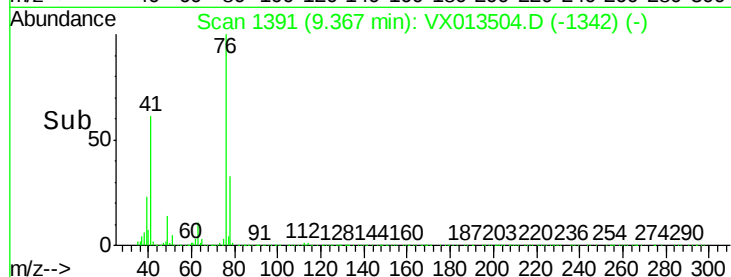
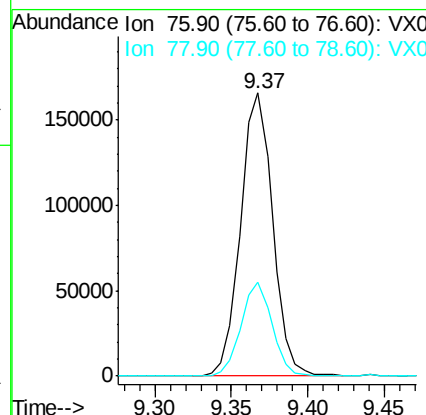
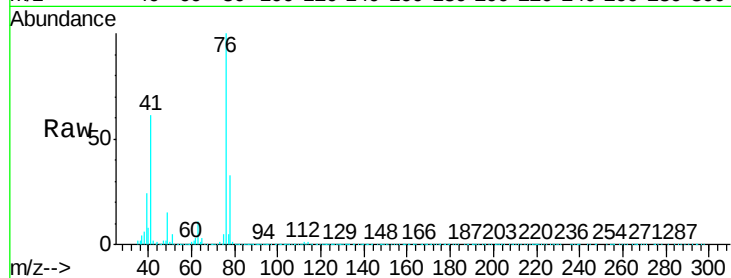




#57
 1,3-Dichloropropane
 Concen: 18.163 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX013504.D
 Acq: 21 Nov 2019 15:36

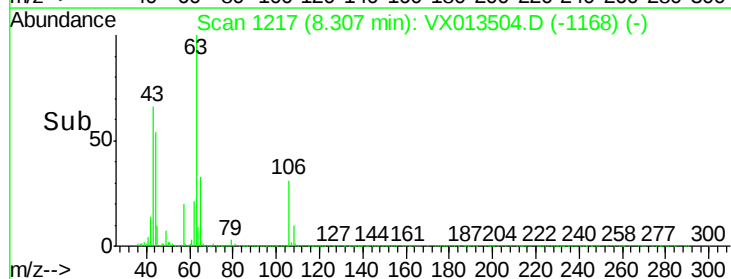
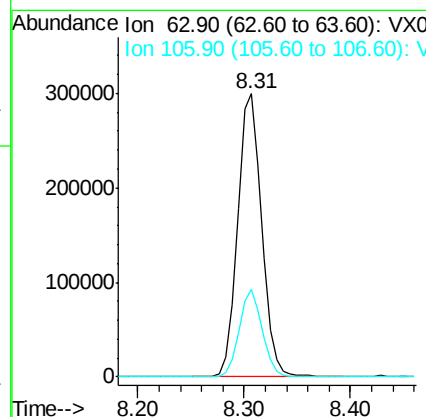
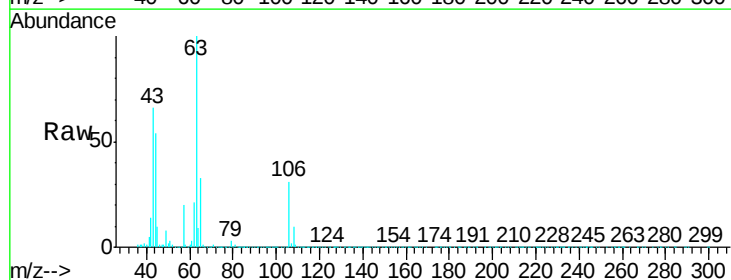
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS02

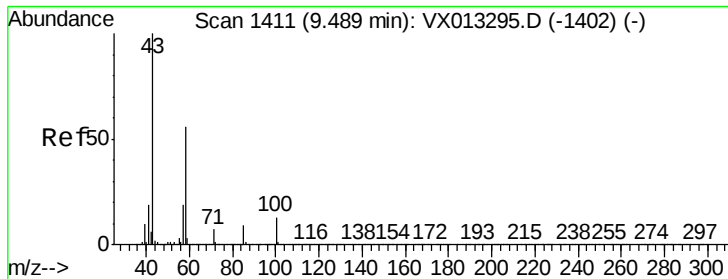
Tgt Ion: 76 Resp: 241849
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.666 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX013504.D
 Acq: 21 Nov 2019 15:36

Tgt Ion: 63 Resp: 475553
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.4 35.2

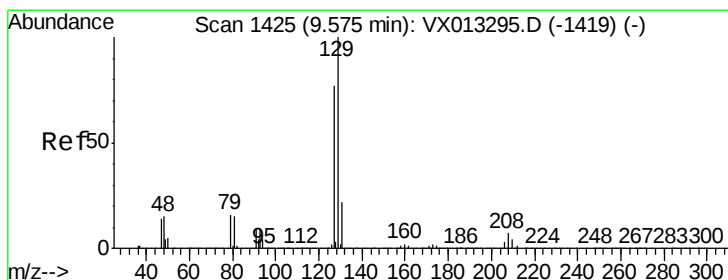
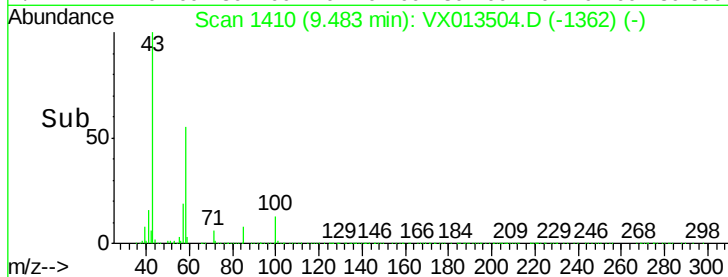
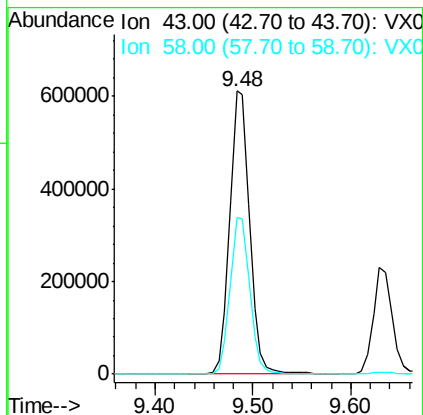
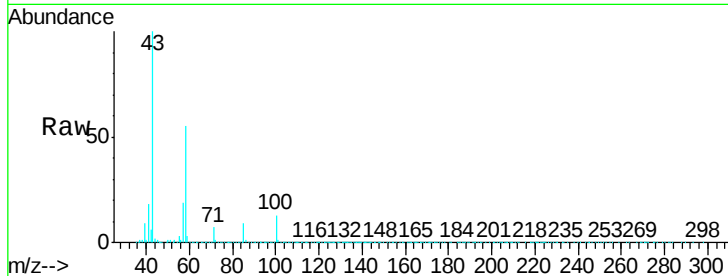




#59
2-Hexanone
Concen: 90.128 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

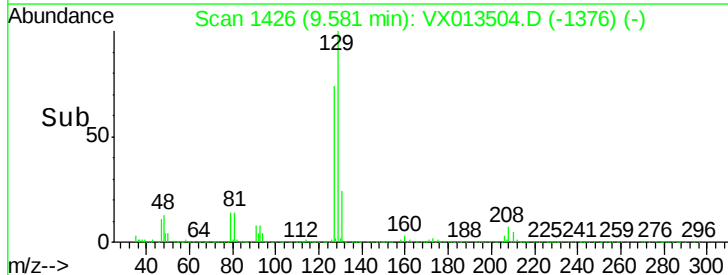
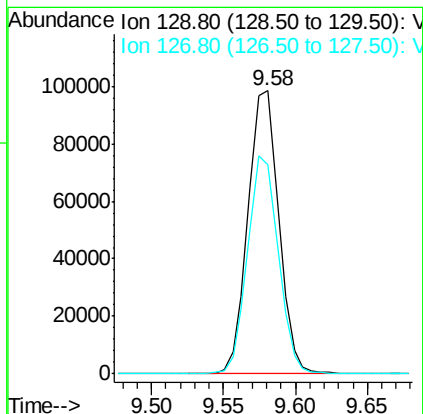
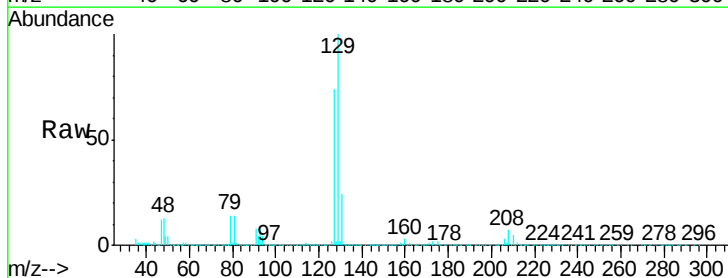
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

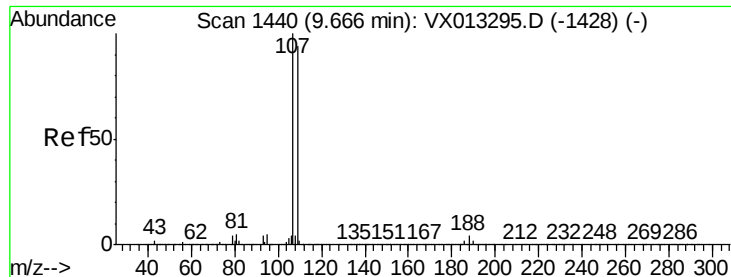
Tgt Ion: 43 Resp: 861875
Ion Ratio Lower Upper
43 100
58 55.3 27.3 81.8



#60
Dibromochloromethane
Concen: 18.137 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

Tgt Ion: 129 Resp: 145502
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.007 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

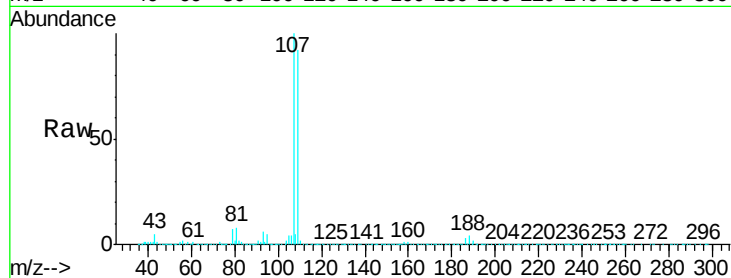
VX1121WBS02

Tgt Ion: 107 Resp: 149991

Ion Ratio Lower Upper

107 100

109 92.5 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

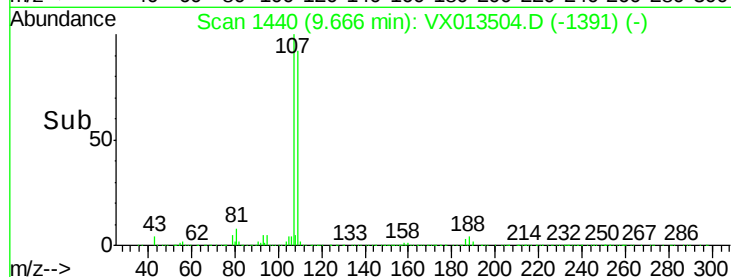
40000

20000

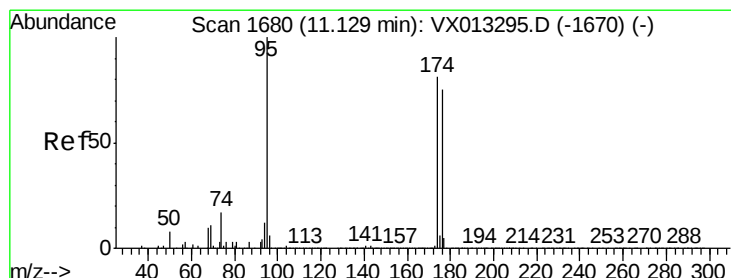
0

9.60

9.70



Time-->



#62

4-Bromofluorobenzene

Concen: 40.509 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

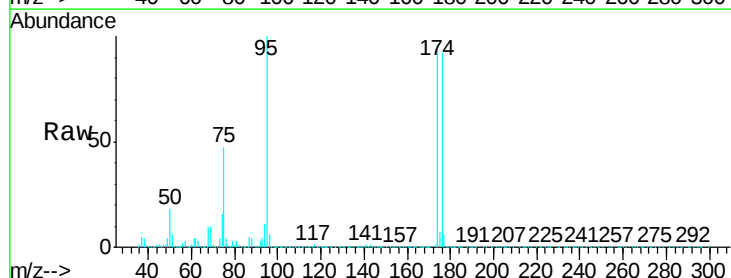
Tgt Ion: 95 Resp: 394997

Ion Ratio Lower Upper

95 100

174 89.2 0.0 179.8

176 87.3 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

300000

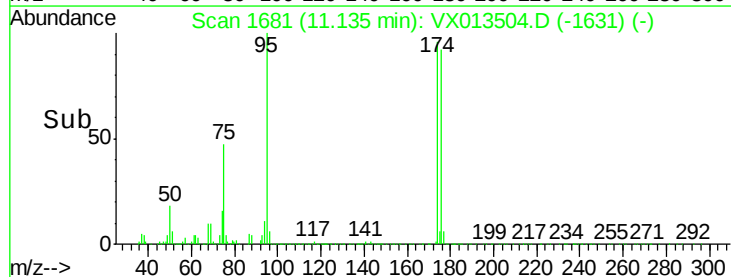
200000

100000

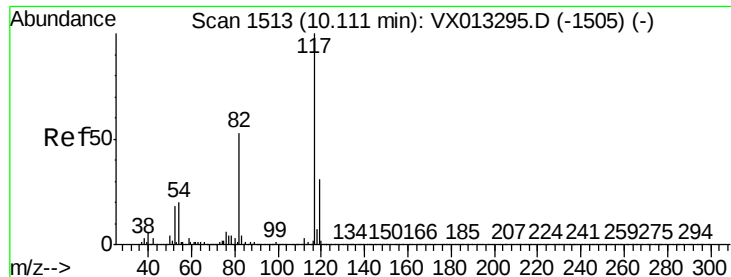
0

11.10

11.20



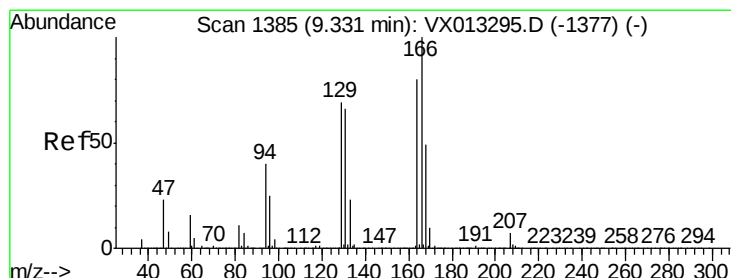
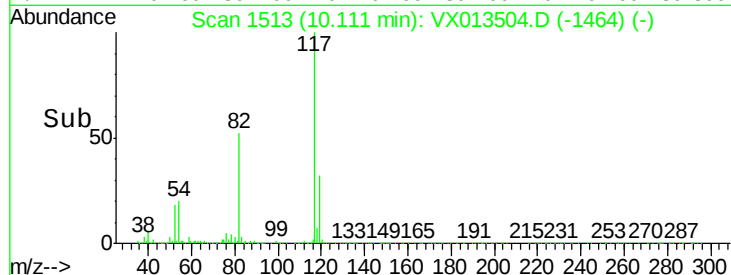
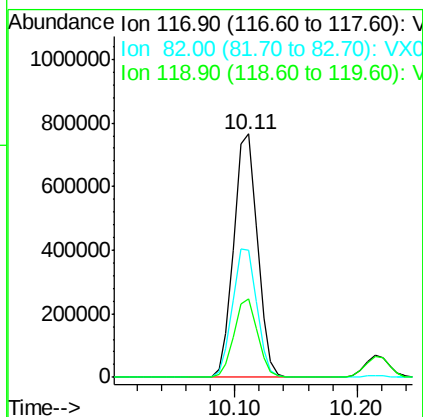
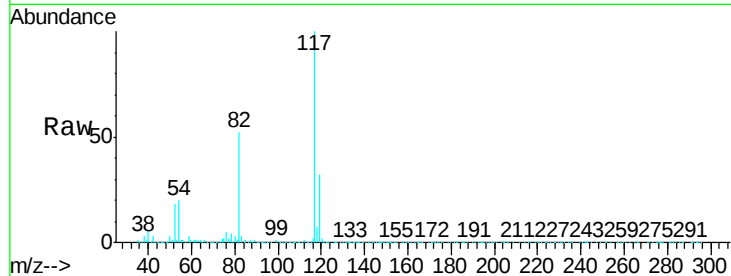
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

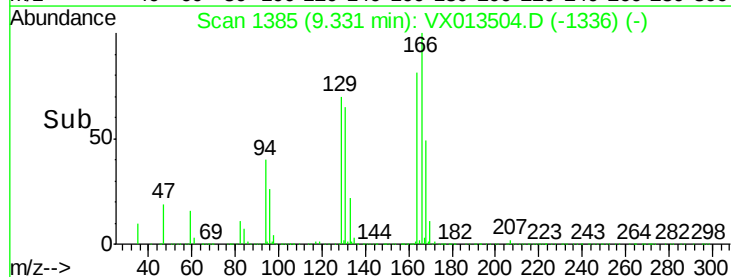
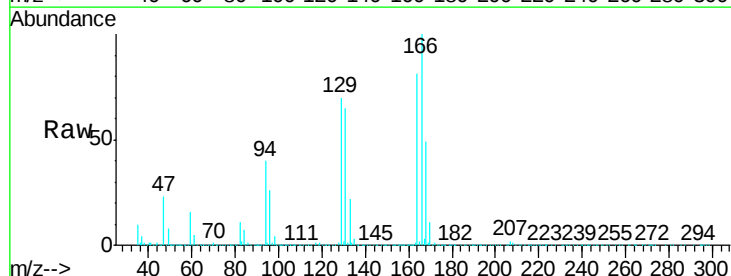
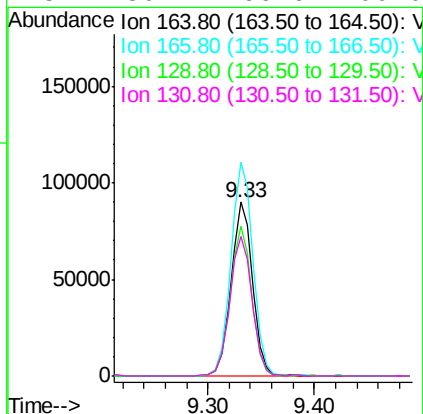
Instrument :
MSVOA_X
ClientSampled :
VX1121WBS02

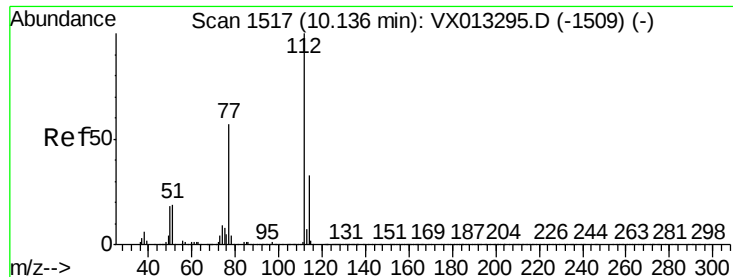
Tgt Ion:117 Resp: 1022311
Ion Ratio Lower Upper
117 100
82 52.0 42.6 64.0
119 32.1 24.8 37.2



#64
Tetrachloroethene
Concen: 17.360 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

Tgt Ion:164 Resp: 127046
Ion Ratio Lower Upper
164 100
166 122.9 100.4 150.6
129 85.7 69.4 104.2
131 80.1 66.6 100.0

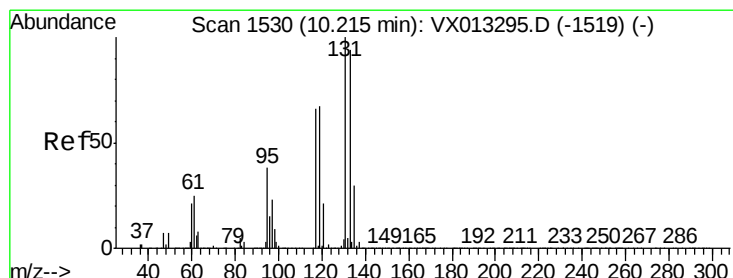
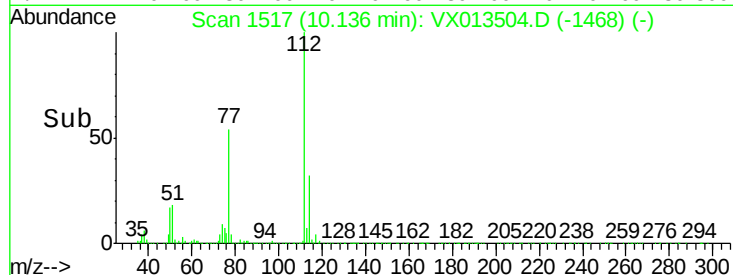
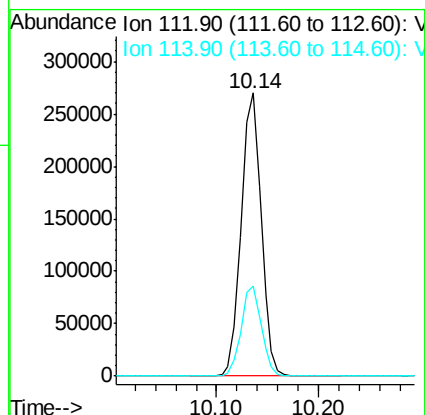
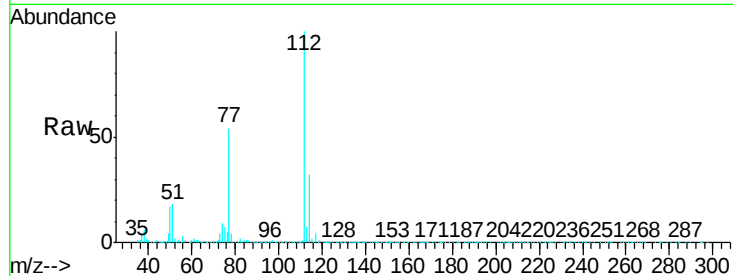




#65
Chlorobenzene
Concen: 17.578 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

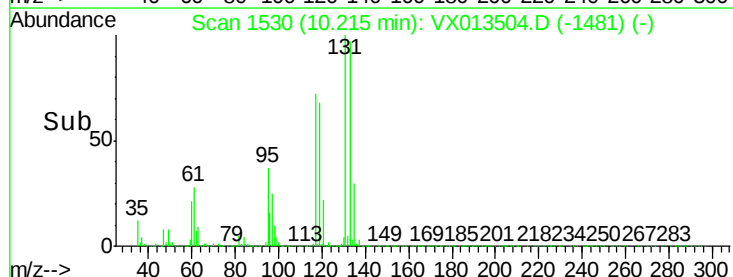
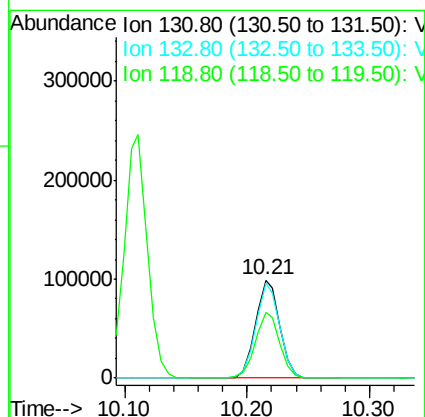
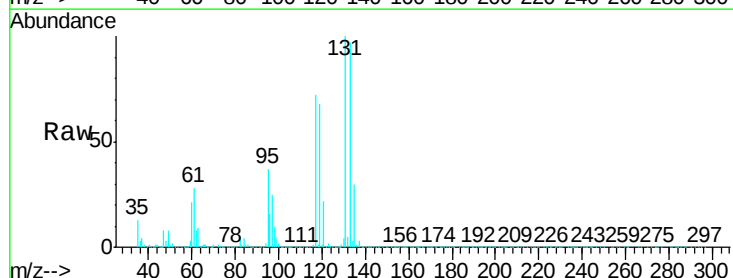
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

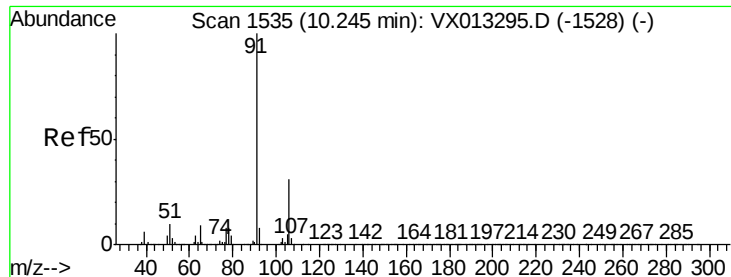
Tgt Ion:112 Resp: 363819
Ion Ratio Lower Upper
112 100
114 31.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 17.863 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

Tgt Ion:131 Resp: 135746
Ion Ratio Lower Upper
131 100
133 96.5 48.0 144.0
119 67.2 33.0 99.0

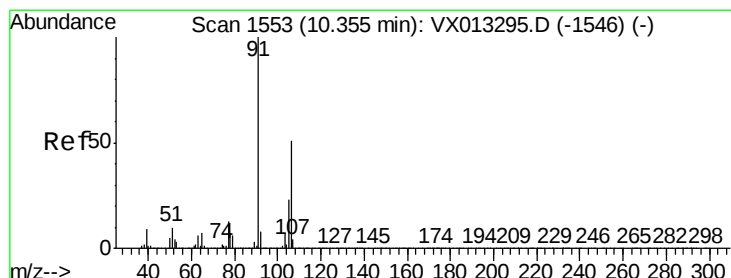
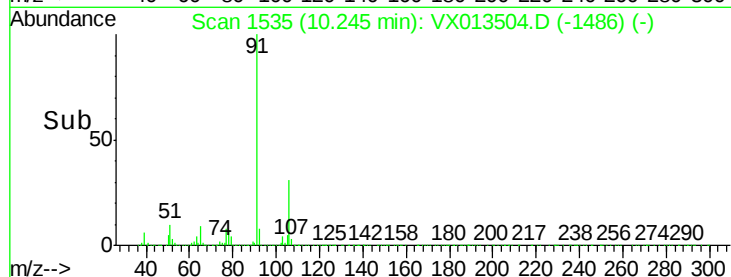
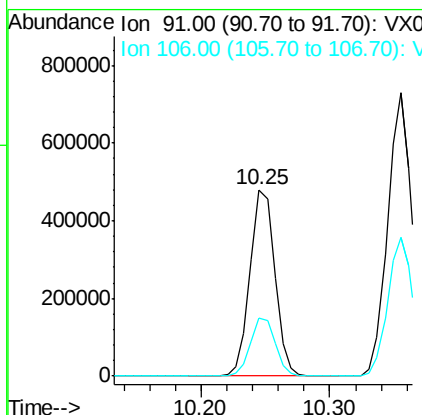
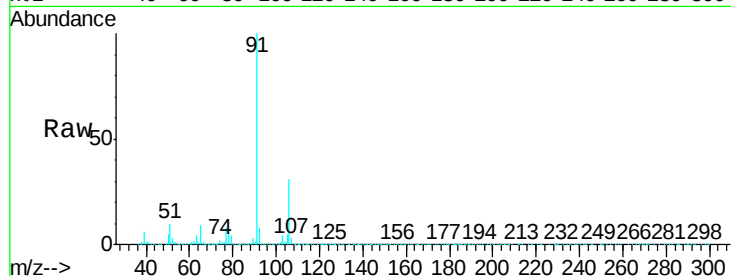




#67
Ethyl Benzene
Concen: 17.826 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

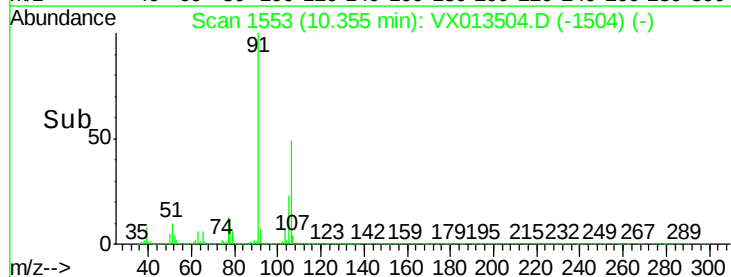
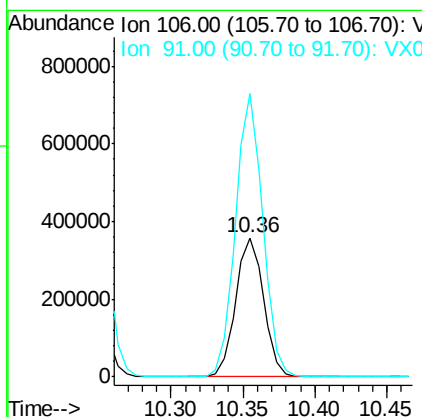
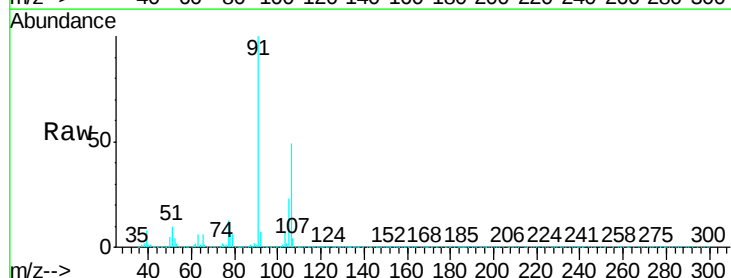
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Tgt Ion: 91 Resp: 636762
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8



#68
m/p-Xylenes
Concen: 35.850 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

Tgt Ion: 106 Resp: 484310
Ion Ratio Lower Upper
106 100
91 199.4 159.3 238.9

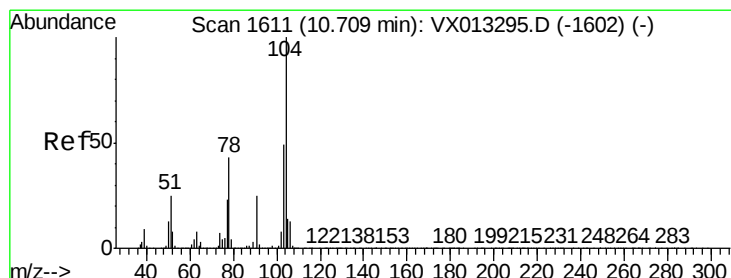
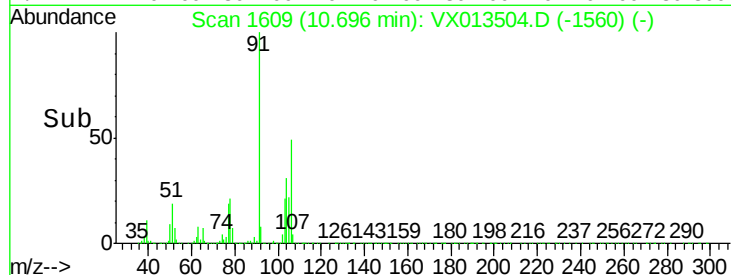
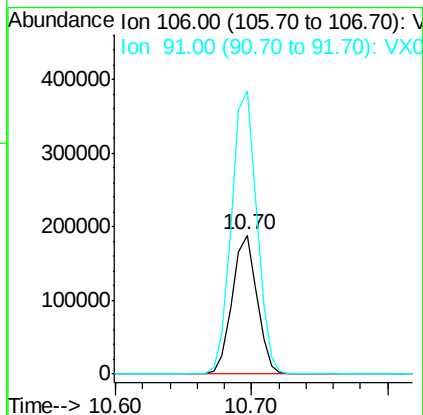
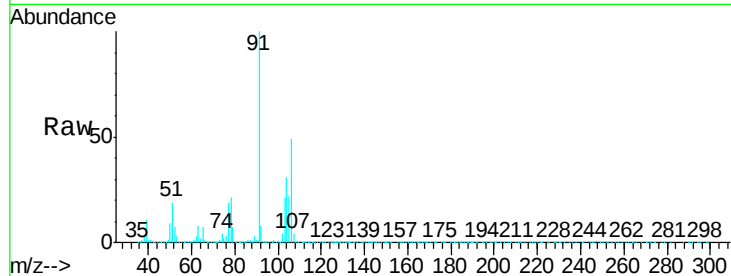




#69
o-Xylene
Concen: 18.197 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

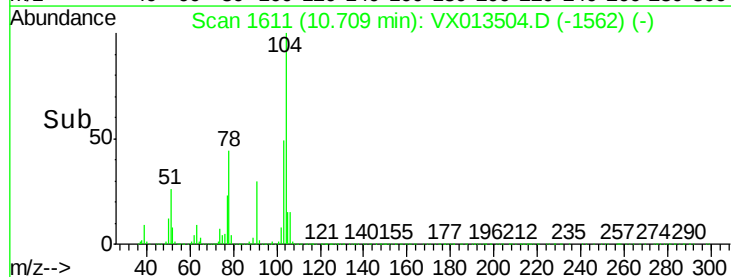
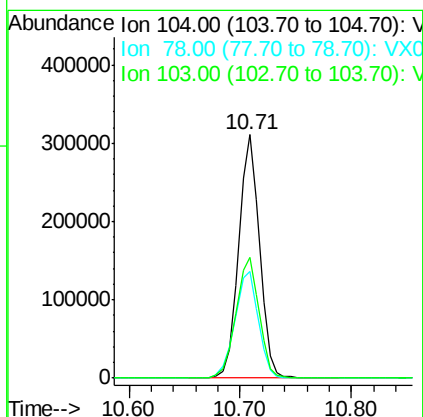
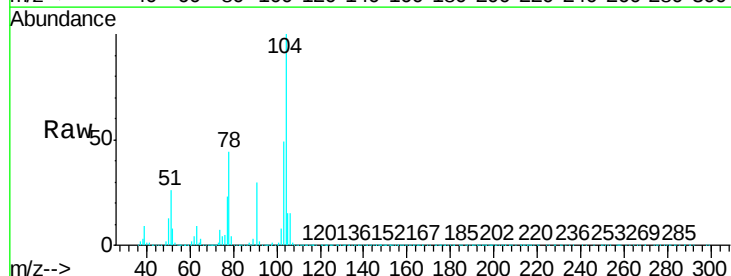
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

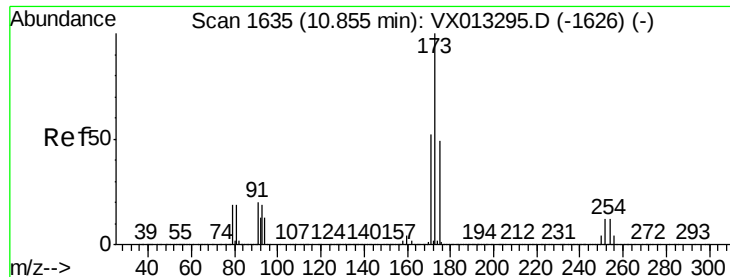
Tgt Ion:106 Resp: 240677
Ion Ratio Lower Upper
106 100
91 208.2 105.7 317.0



#70
Styrene
Concen: 18.240 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

Tgt Ion:104 Resp: 403267
Ion Ratio Lower Upper
104 100
78 49.6 40.0 60.0
103 54.6 44.1 66.1





#71

Bromoform

Concen: 17.902 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

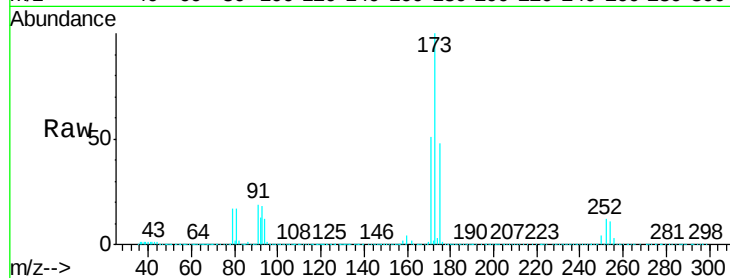
Tgt Ion:173 Resp: 110665

Ion Ratio Lower Upper

173 100

175 49.4 24.8 74.4

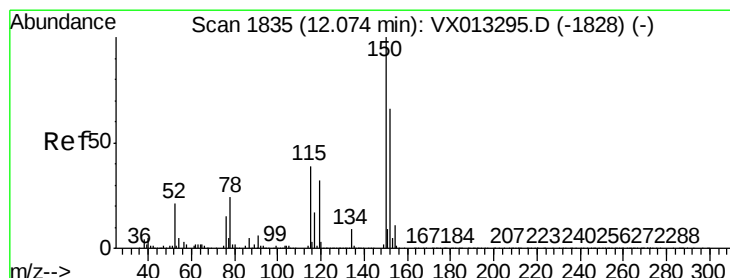
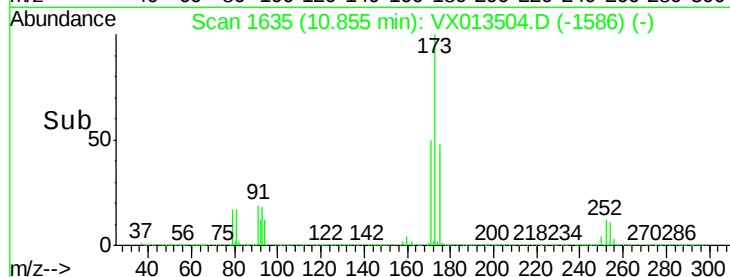
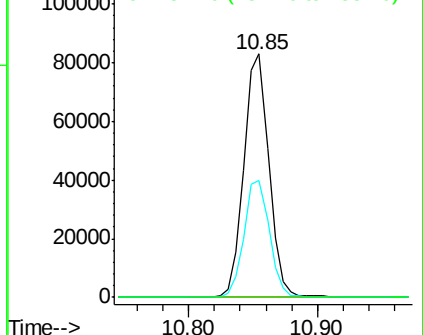
254 0.3 0.2 0.2#



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: VX013504.D

Acq: 21 Nov 2019 15:36

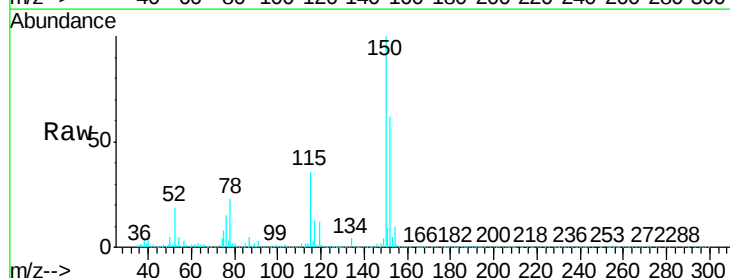
Tgt Ion:152 Resp: 497325

Ion Ratio Lower Upper

152 100

115 62.9 39.5 118.3

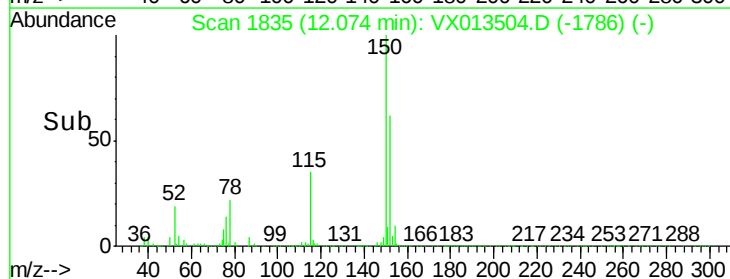
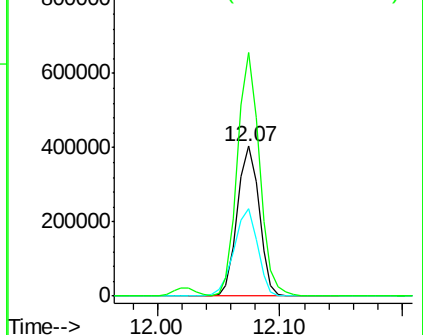
150 163.6 0.0 344.4

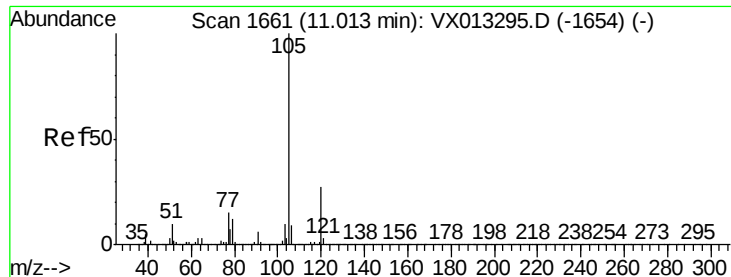


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.330 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

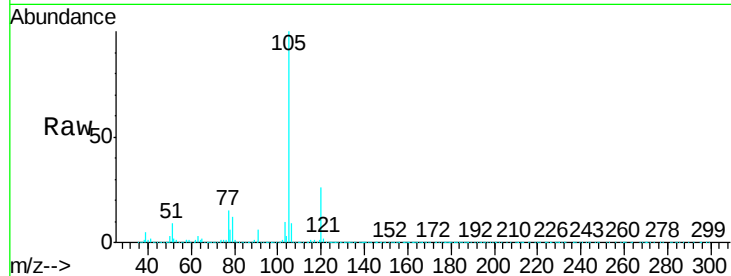
VX1121WBS02

Tgt Ion: 105 Resp: 637362

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

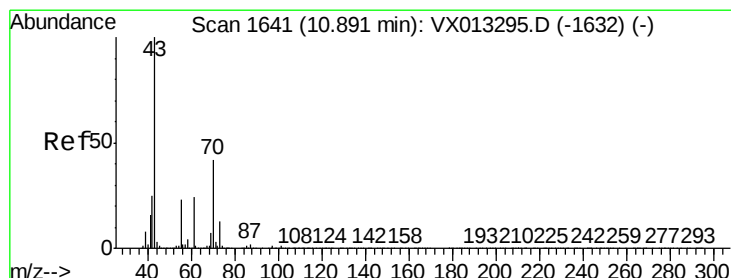
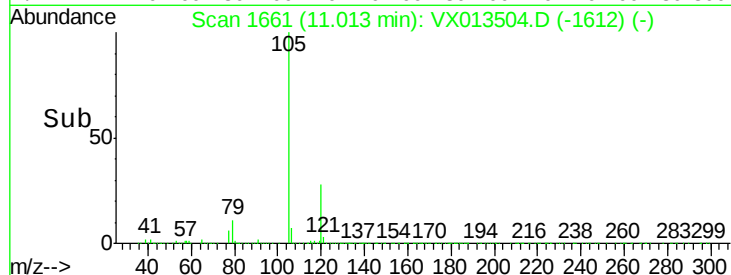
0

11.01

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 19.703 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Tgt Ion: 43 Resp: 301273

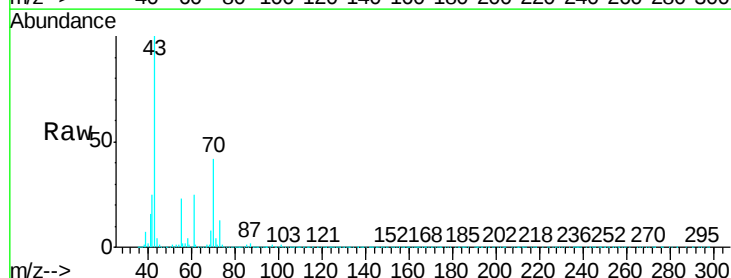
Ion Ratio Lower Upper

43 100

70 43.0 34.1 51.1

55 24.1 18.9 28.3

61 24.9 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

400000

300000

200000

100000

0

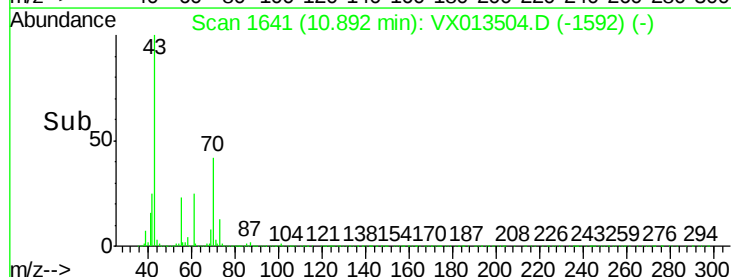
10.89

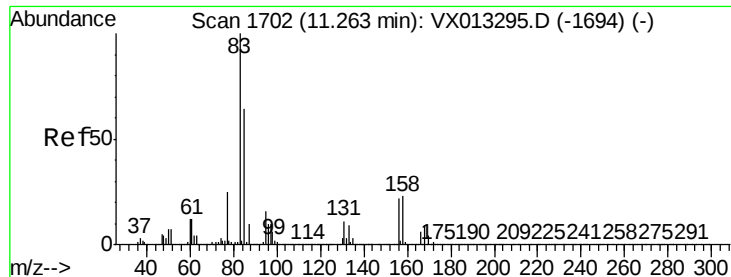
10.80

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.224 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

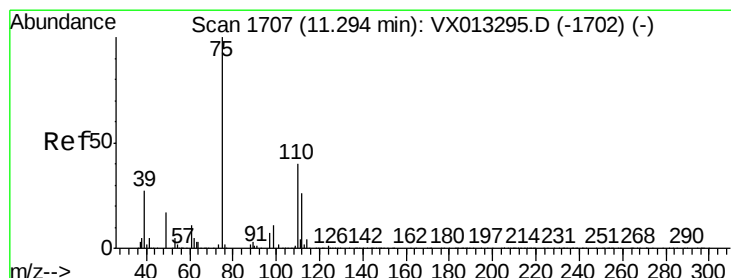
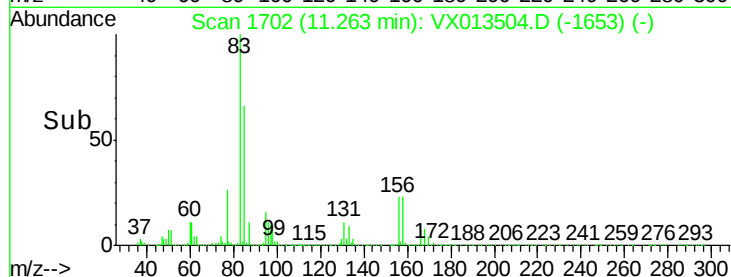
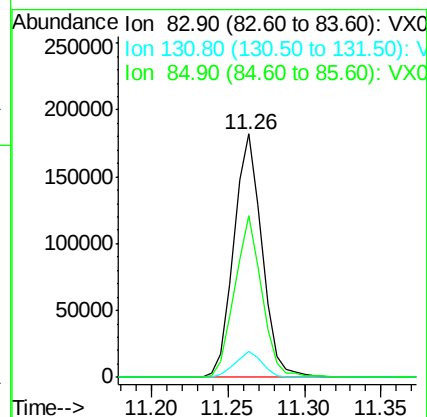
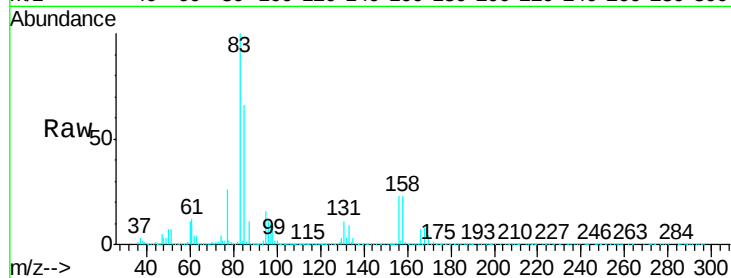
Tgt Ion: 83 Resp: 231247

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

85 64.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 25.418 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013504.D

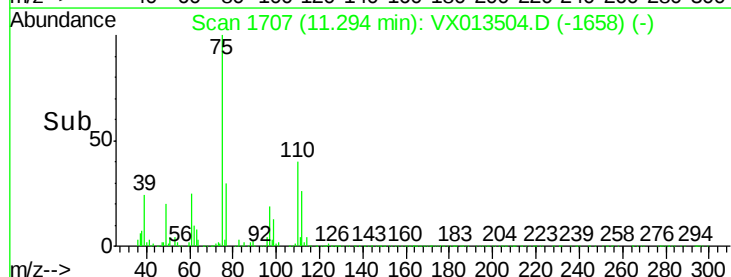
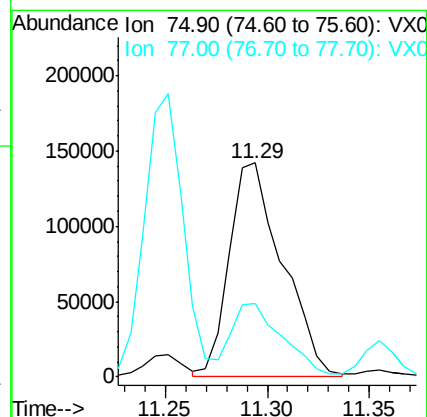
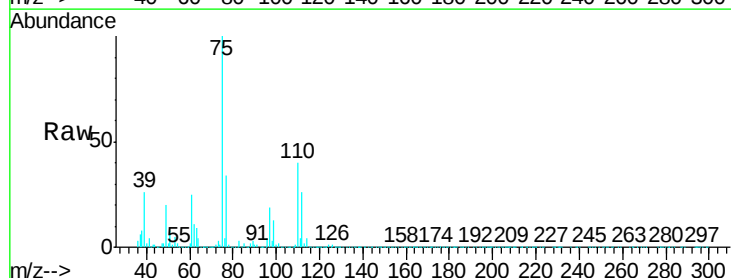
Acq: 21 Nov 2019 15:36

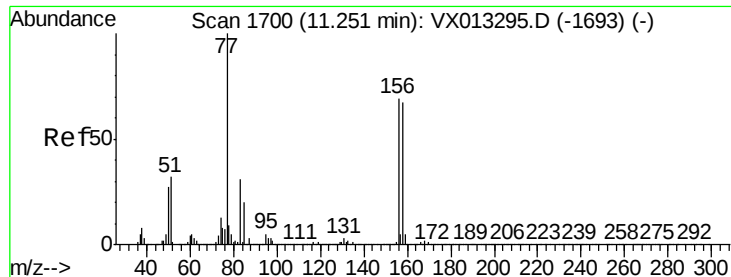
Tgt Ion: 75 Resp: 256758

Ion Ratio Lower Upper

75 100

77 32.1 22.3 66.8





#77

Bromobenzene

Concen: 18.876 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

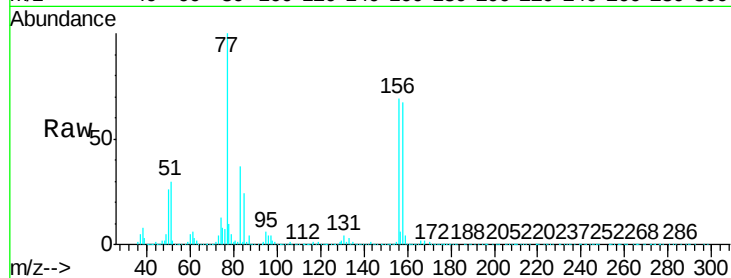
Tgt Ion: 156 Resp: 165926

Ion Ratio Lower Upper

156 100

77 150.2 75.8 227.4

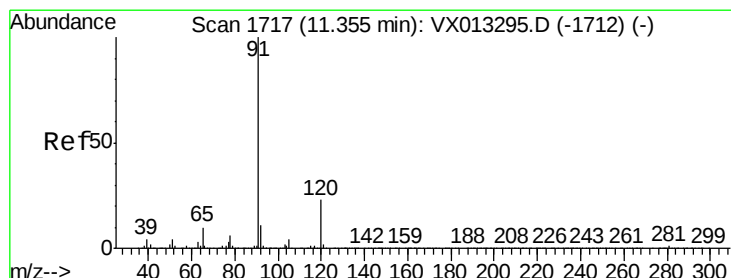
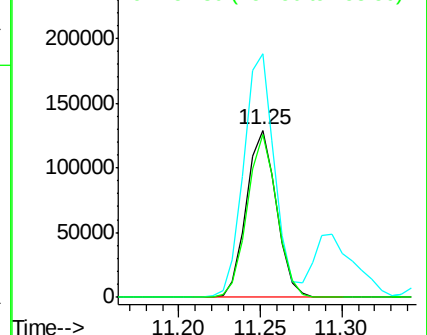
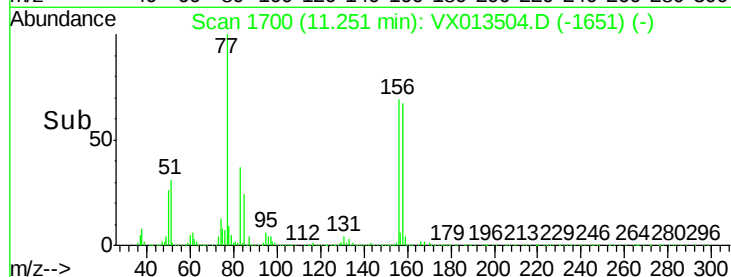
158 96.4 47.6 142.8



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: 19.195 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013504.D

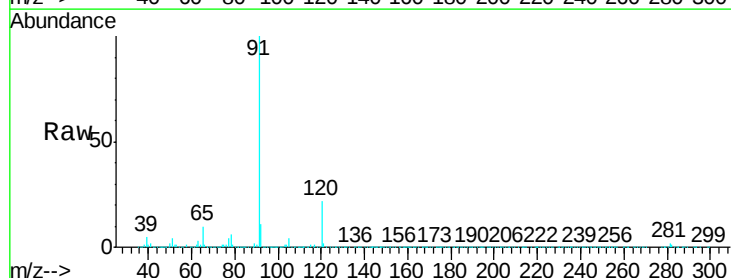
Acq: 21 Nov 2019 15:36

Tgt Ion: 91 Resp: 705051

Ion Ratio Lower Upper

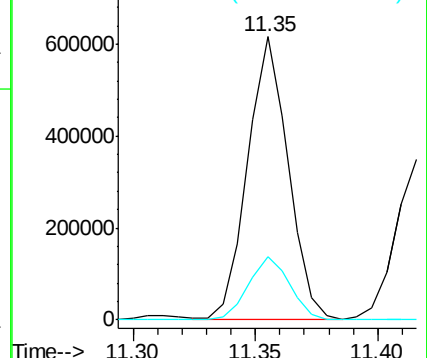
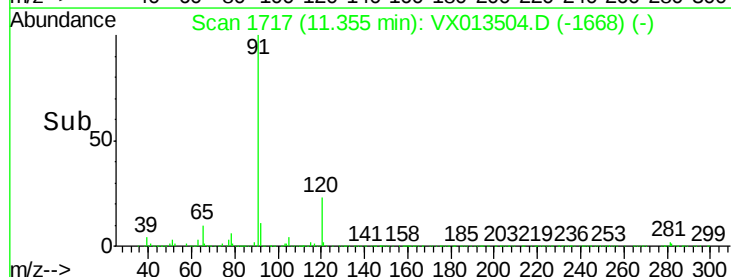
91 100

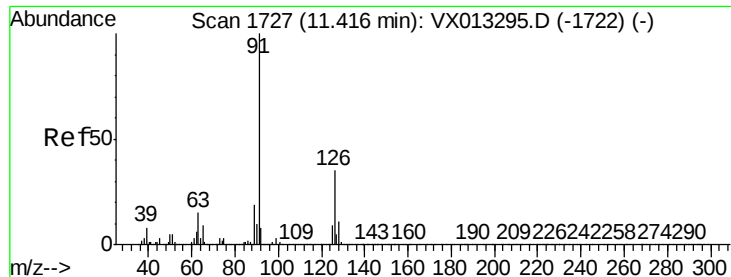
120 23.1 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

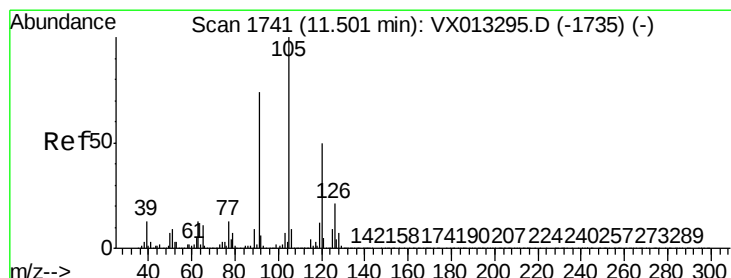
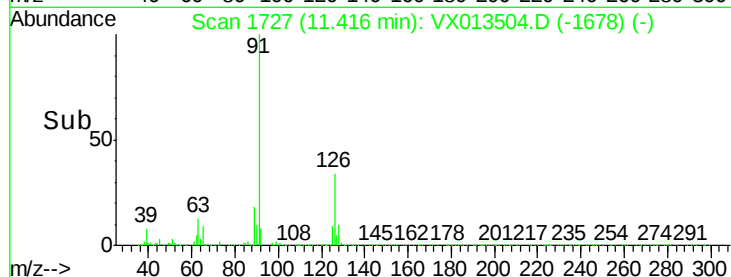
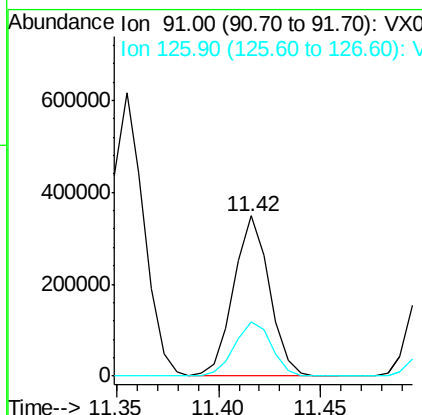
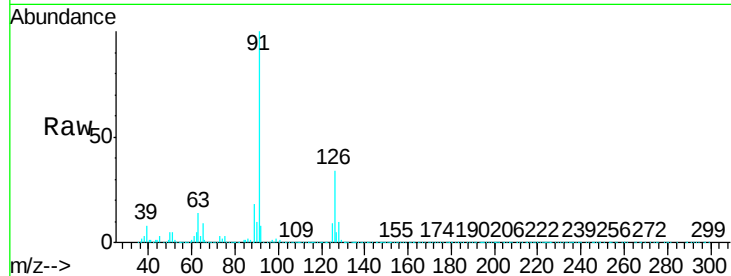




#79
 2-Chlorotoluene
 Concen: 19.028 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013504.D
 Acq: 21 Nov 2019 15:36

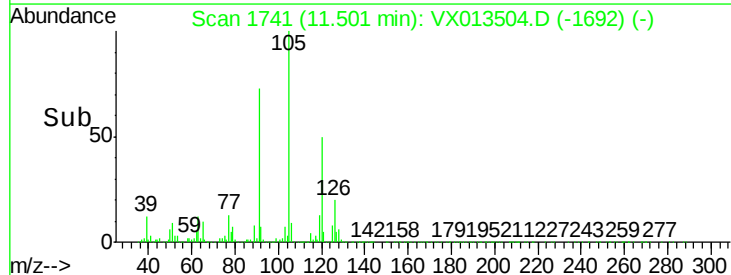
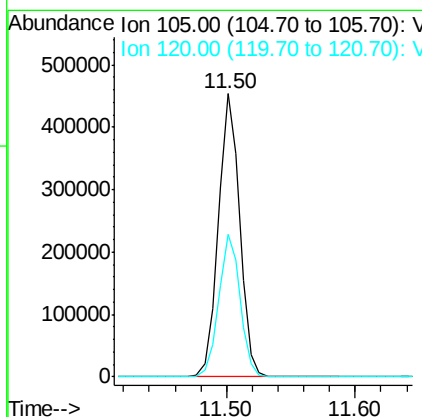
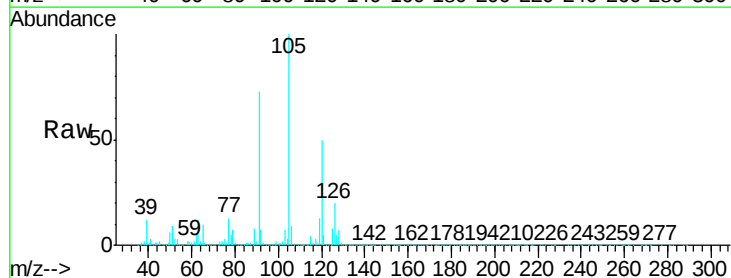
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS02

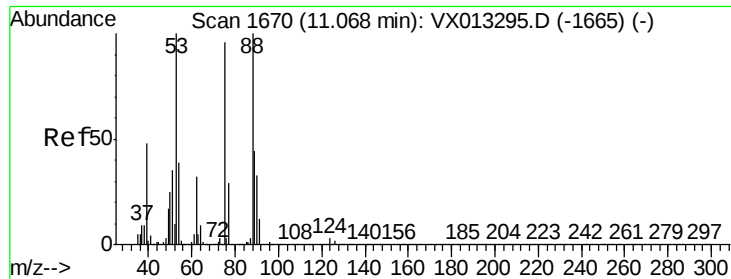
Tgt Ion: 91 Resp: 421089
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.311 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013504.D
 Acq: 21 Nov 2019 15:36

Tgt Ion: 105 Resp: 530389
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.9 74.8

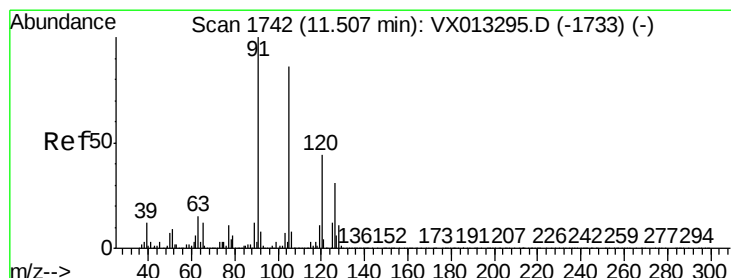
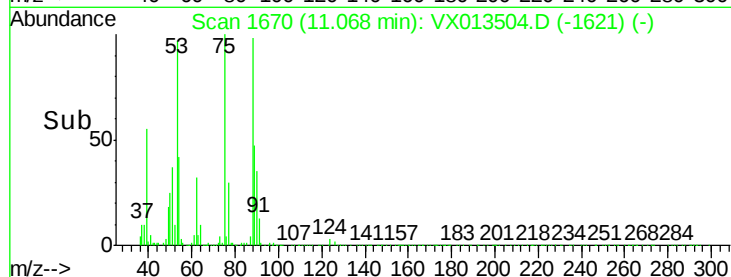
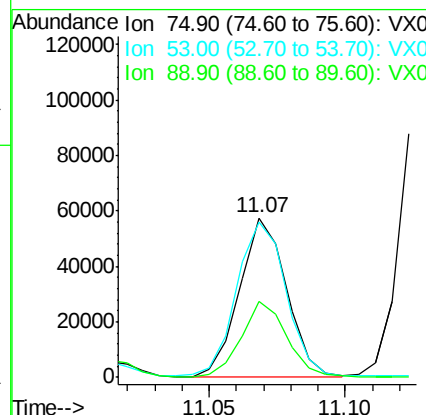
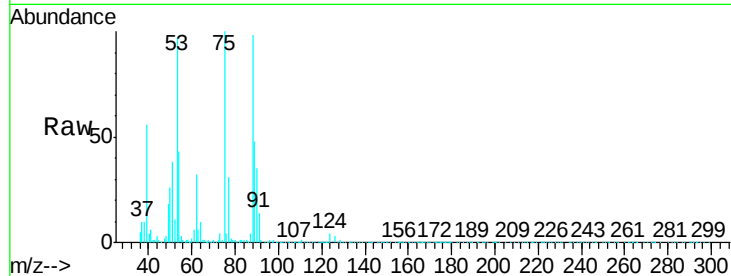




#81
trans-1,4-Dichloro-2-butene
Concen: 17.462 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

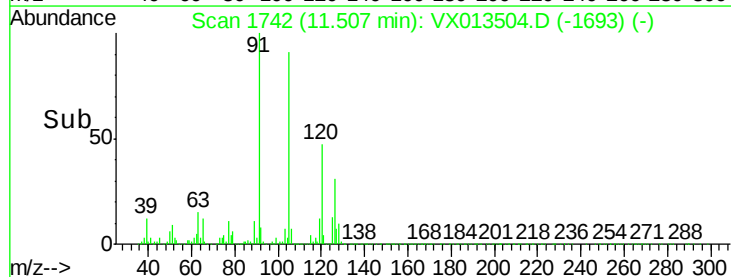
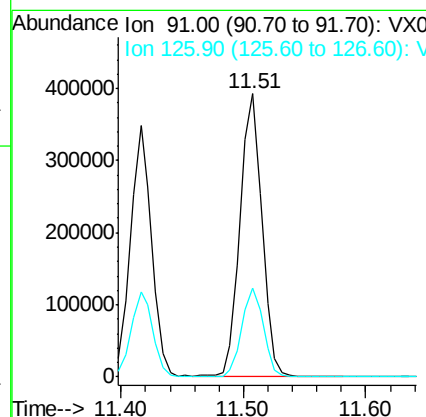
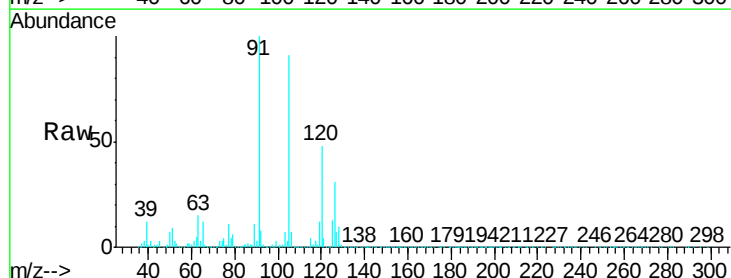
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Tgt Ion: 75 Resp: 68528
Ion Ratio Lower Upper
75 100
53 102.8 81.0 121.6
89 46.1 36.0 54.0



#82
4-Chlorotoluene
Concen: 18.636 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013504.D
Acq: 21 Nov 2019 15:36

Tgt Ion: 91 Resp: 482776
Ion Ratio Lower Upper
91 100
126 30.8 15.3 45.8





#83

tert-Butylbenzene

Concen: 19.694 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

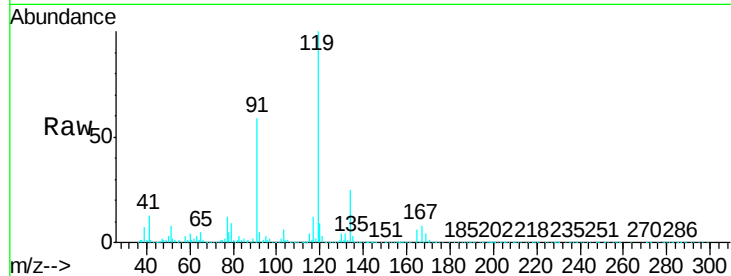
Tgt Ion:119 Resp: 544502

Ion Ratio Lower Upper

119 100

91 53.7 26.9 80.7

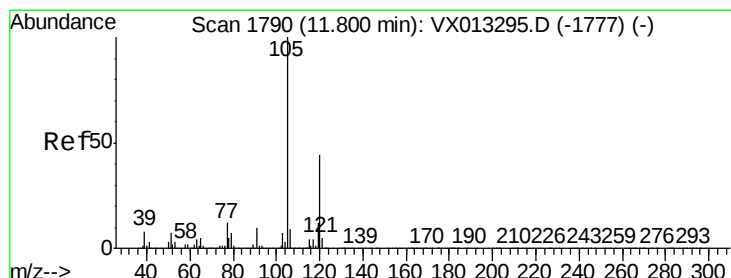
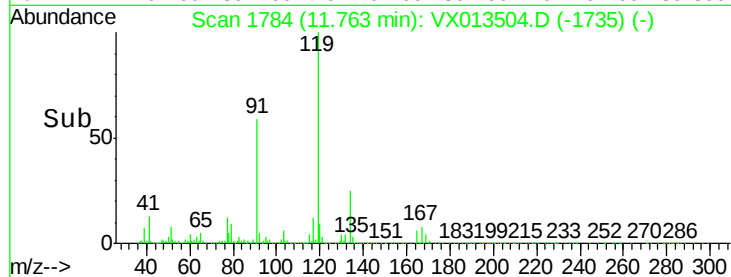
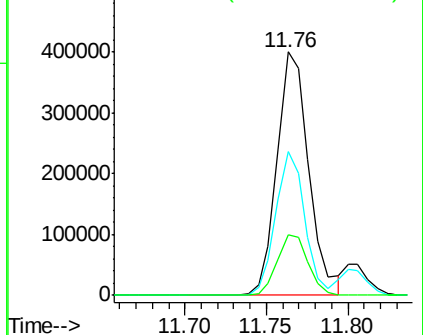
134 24.1 11.7 35.1



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: 19.653 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX013504.D

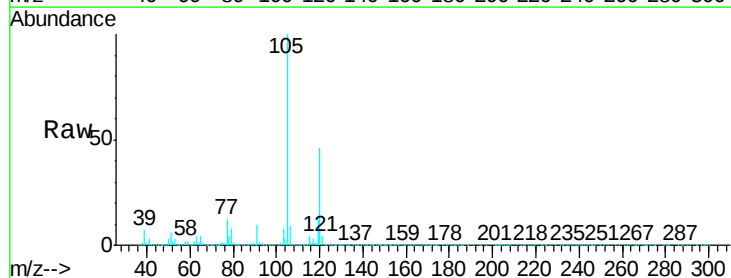
Acq: 21 Nov 2019 15:36

Tgt Ion:105 Resp: 541479

Ion Ratio Lower Upper

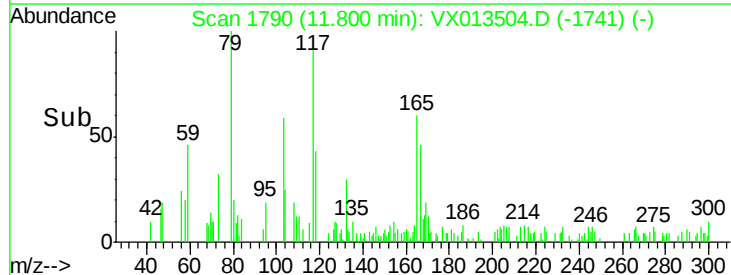
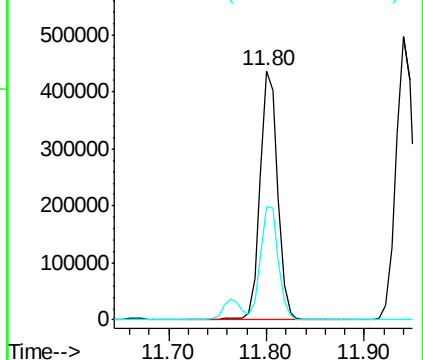
105 100

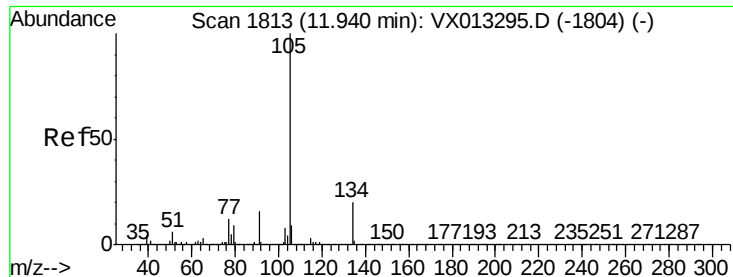
120 46.1 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

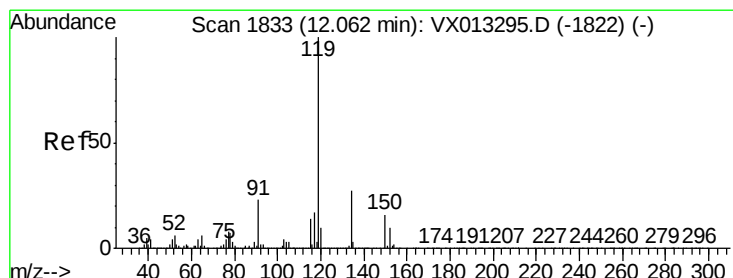
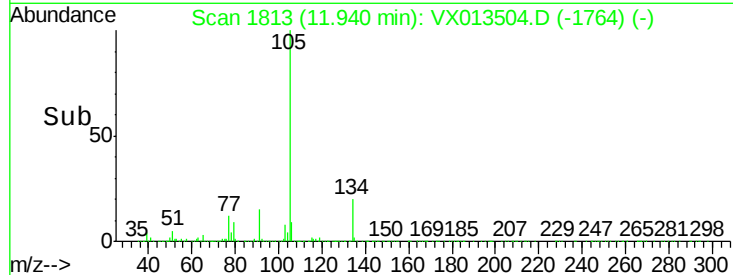
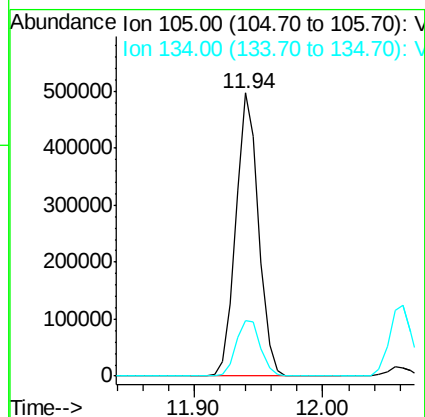
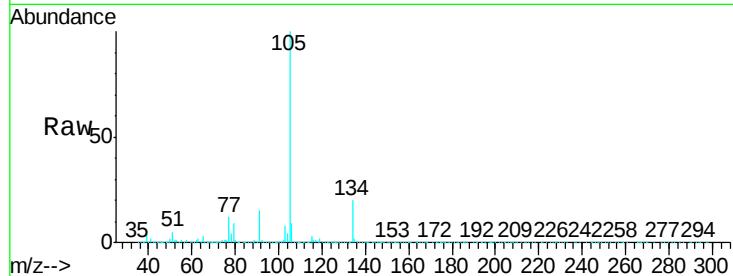




#85
 sec-Butylbenzene
 Concen: 19.143 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013504.D
 Acq: 21 Nov 2019 15:36

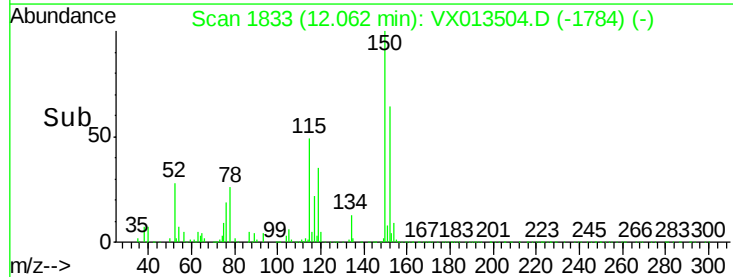
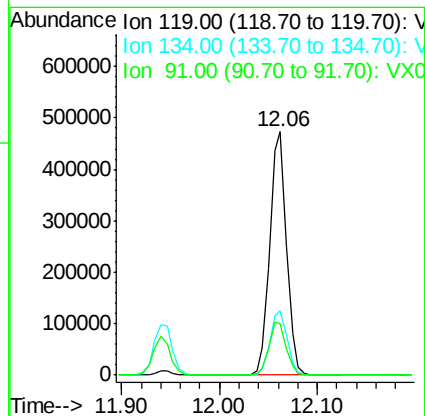
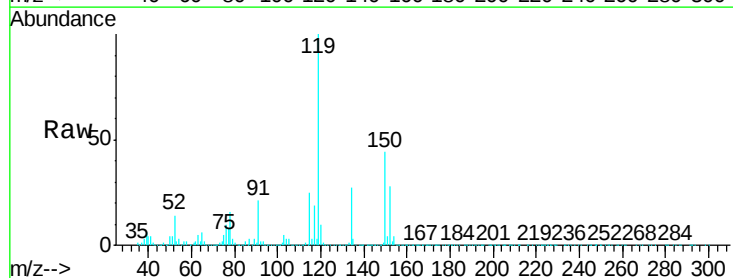
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS02

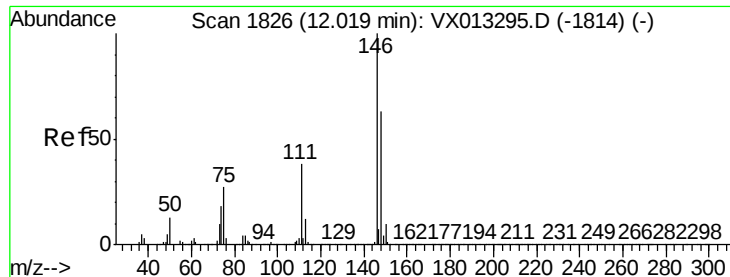
Tgt Ion:105 Resp: 608268
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 19.083 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013504.D
 Acq: 21 Nov 2019 15:36

Tgt Ion:119 Resp: 558369
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.3 39.8
 91 22.6 11.5 34.4

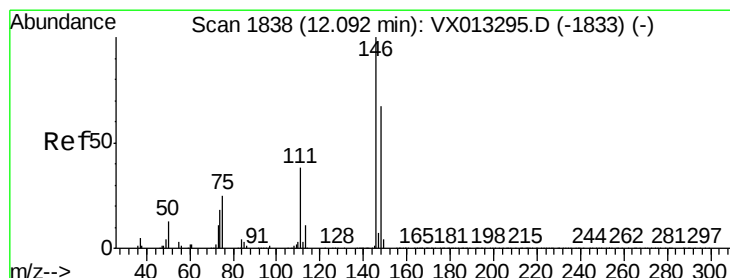
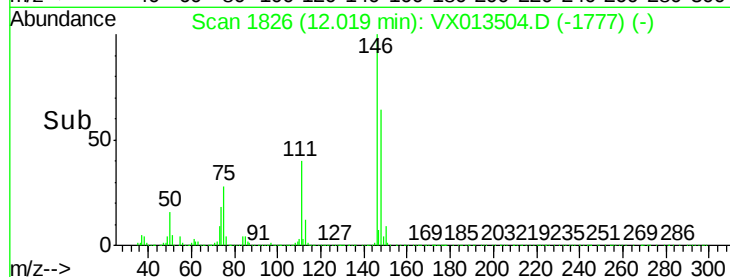
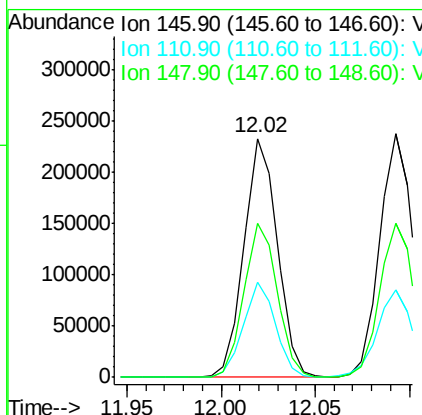
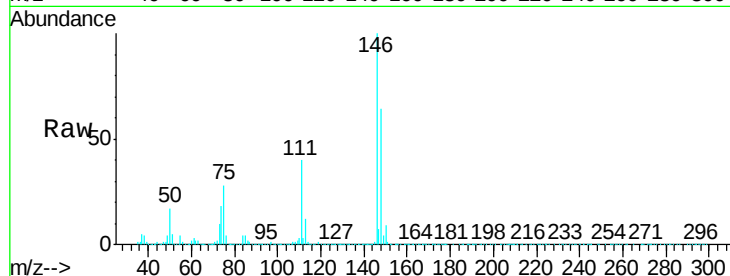




#87
 1,3-Dichlorobenzene
 Concen: 18.331 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013504.D
 Acq: 21 Nov 2019 15:36

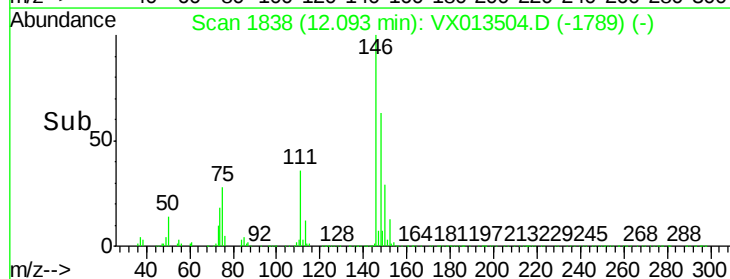
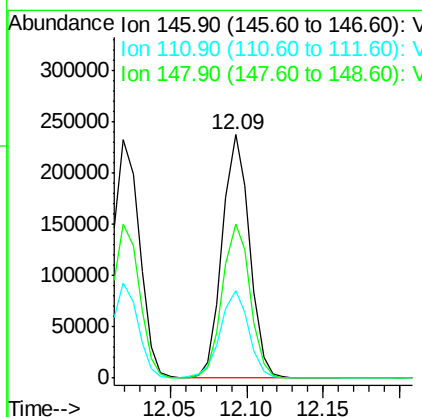
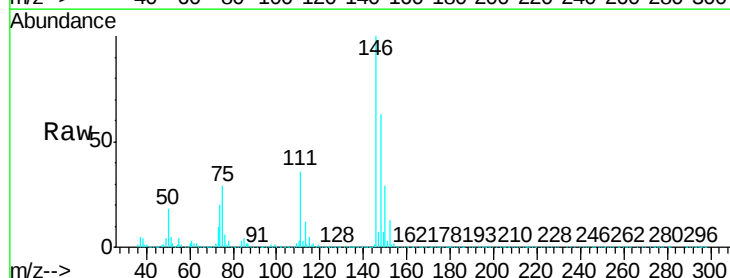
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS02

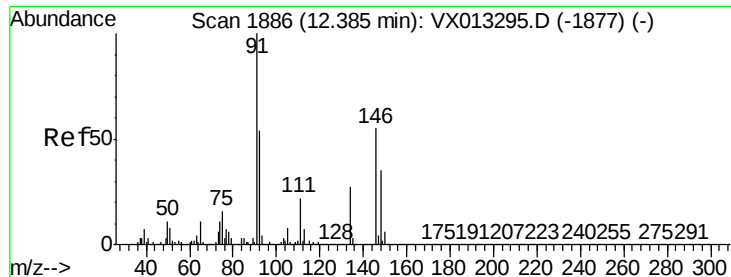
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.5
148	64.4	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.396 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013504.D
 Acq: 21 Nov 2019 15:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.4
148	63.9	32.4	97.0





#89

n-Butylbenzene

Concen: 18.196 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampled :

VX1121WBS02

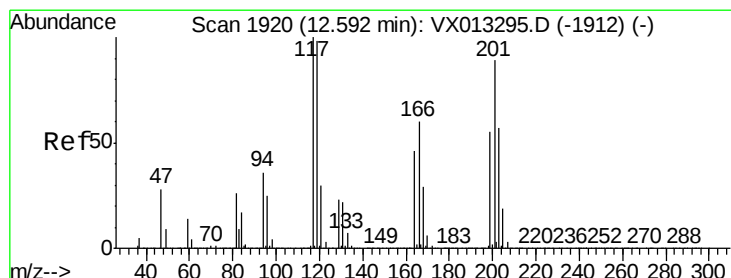
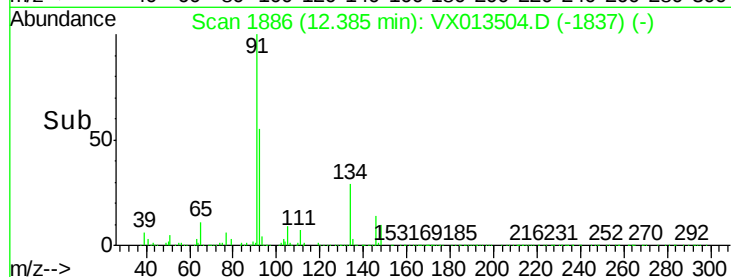
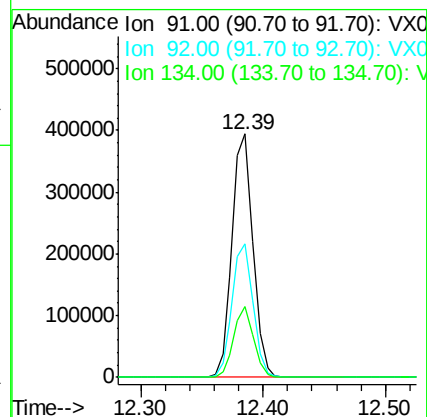
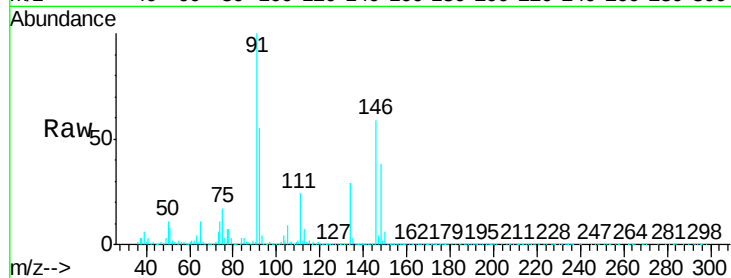
Tgt Ion: 91 Resp: 464570

Ion Ratio Lower Upper

91 100

92 55.1 27.3 81.8

134 27.5 13.5 40.5



#90

Hexachloroethane

Concen: 18.612 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013504.D

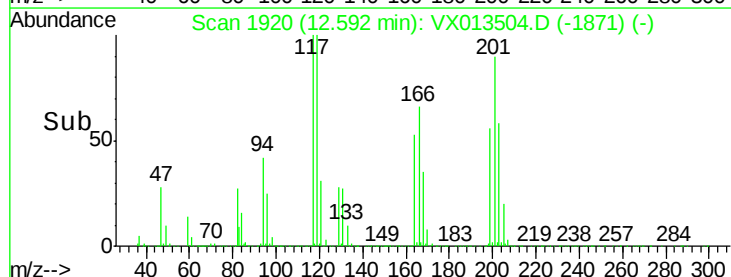
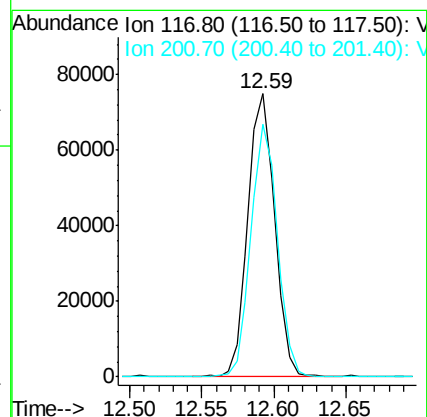
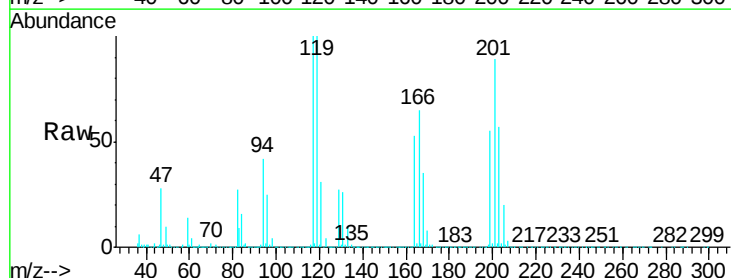
Acq: 21 Nov 2019 15:36

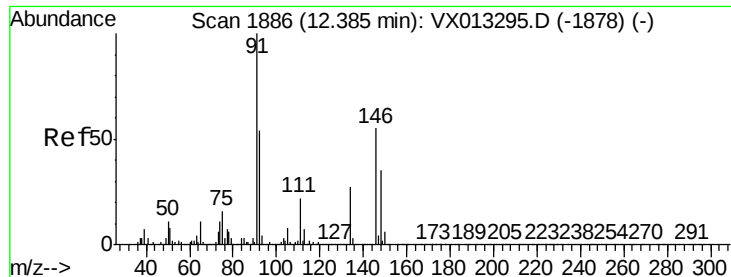
Tgt Ion: 117 Resp: 97026

Ion Ratio Lower Upper

117 100

201 87.8 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 18.808 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

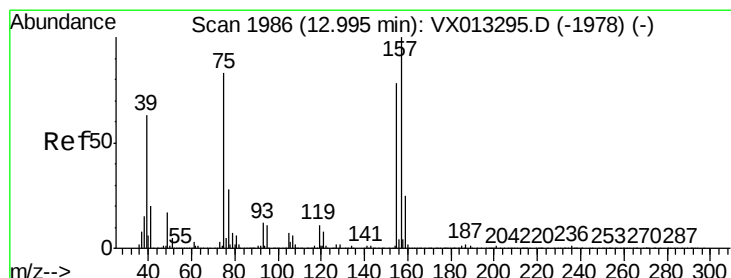
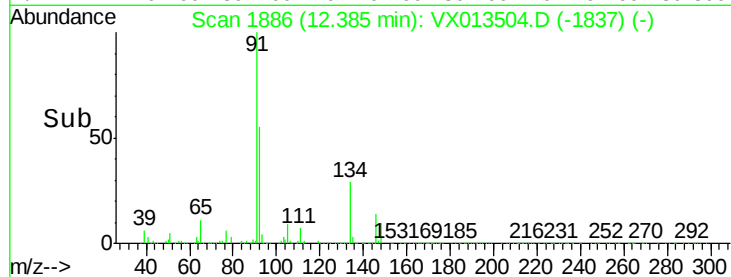
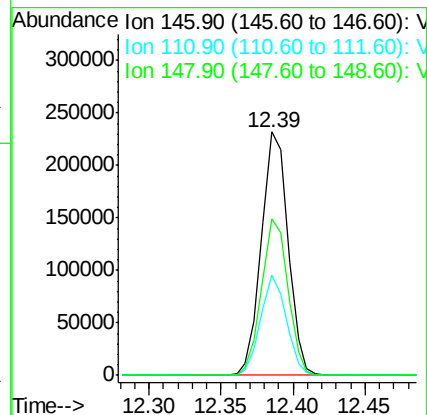
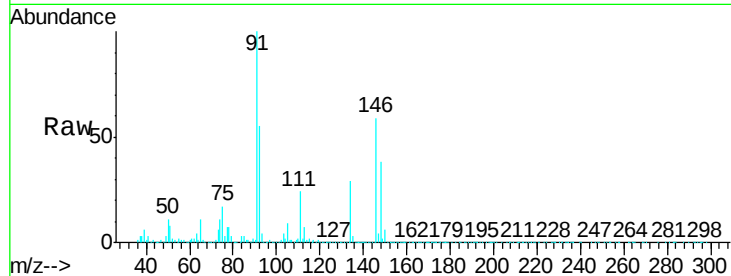
Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

Tgt Ion:	146	Resp:	294580
Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.1	60.2
148	64.3	32.0	96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.080 ug/l

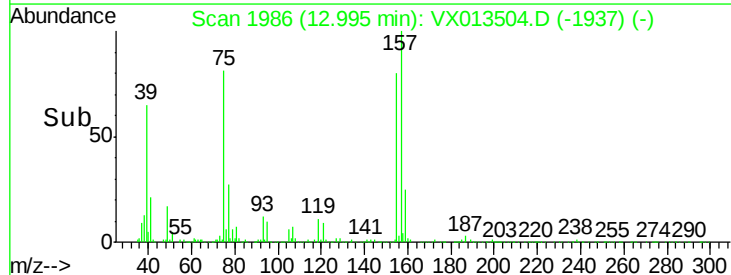
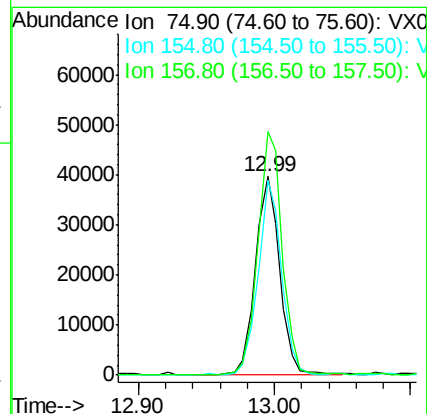
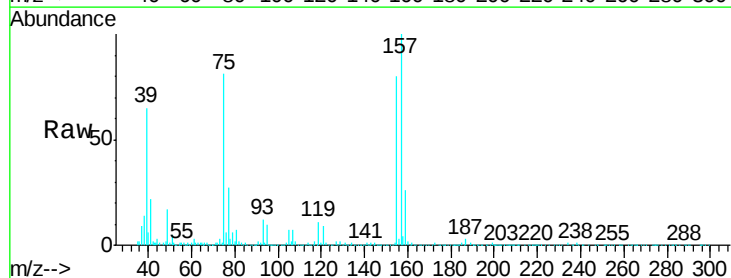
RT: 12.99 min Scan# 1986

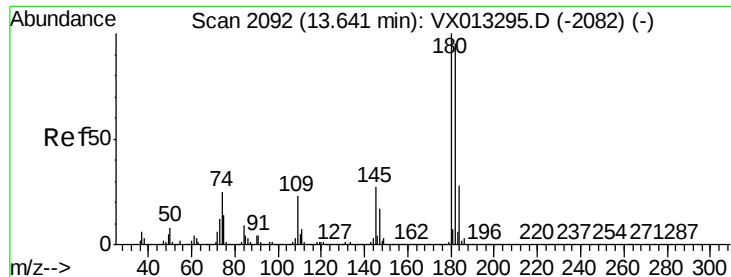
Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Tgt Ion:	75	Resp:	50056
Ion	Ratio	Lower	Upper
75	100		
155	93.3	47.1	141.4
157	122.7	61.3	183.8

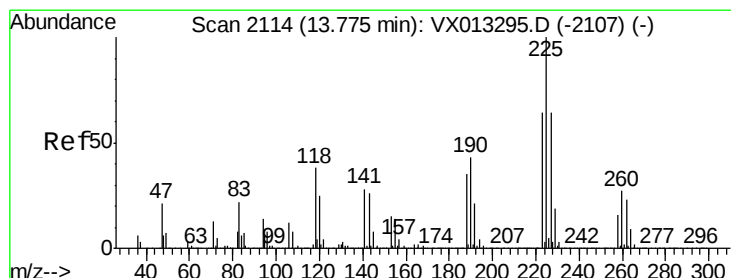
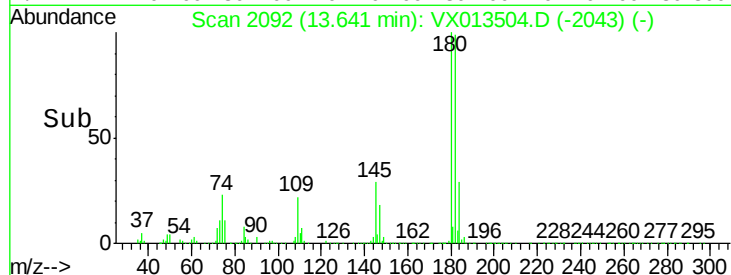
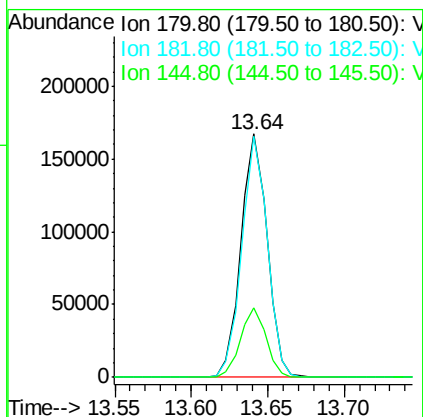
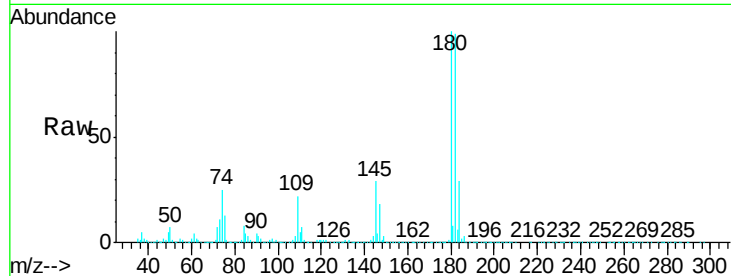




#93
 1,2,4-Trichlorobenzene
 Concen: 18.230 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013504.D
 Acq: 21 Nov 2019 15:36

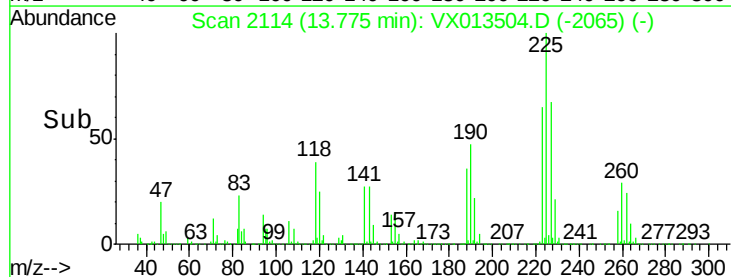
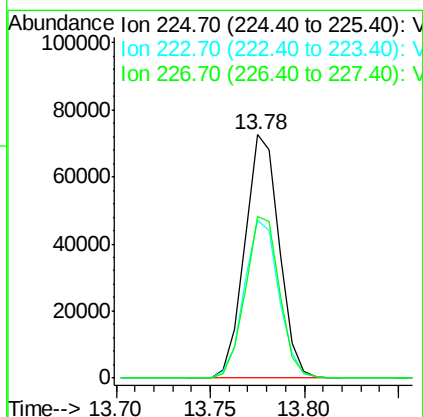
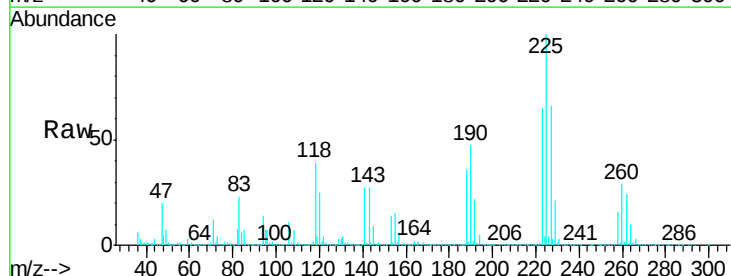
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS02

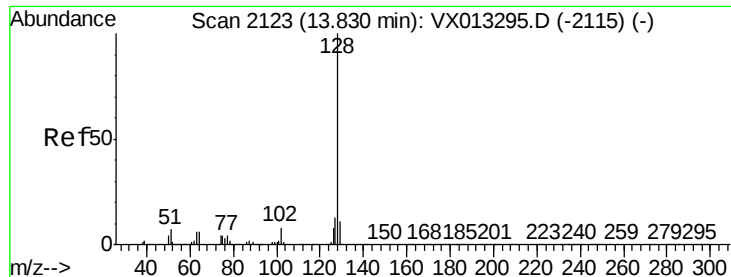
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.4	145.0
145	28.2	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 17.132 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013504.D
 Acq: 21 Nov 2019 15:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	31.9	95.7
227	66.2	31.9	95.9





#95

Naphthalene

Concen: 18.624 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

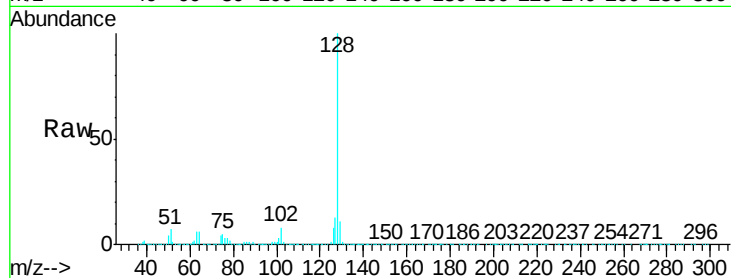
Tgt Ion:128 Resp: 638403

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

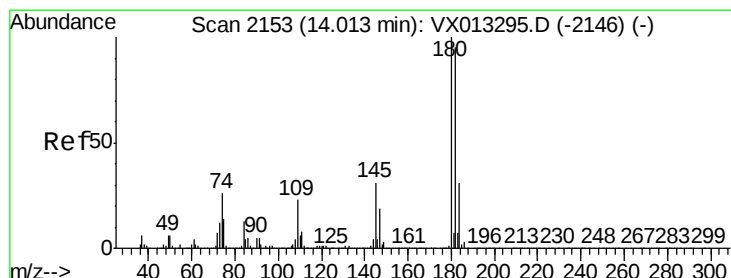
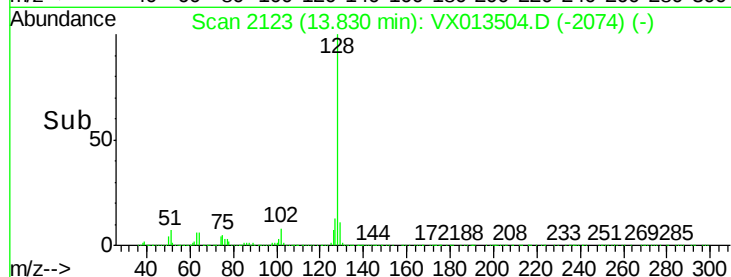
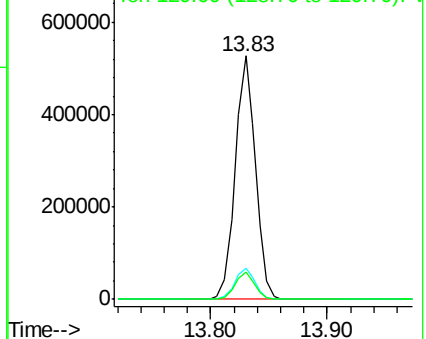
129 10.8 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.575 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX013504.D

Acq: 21 Nov 2019 15:36

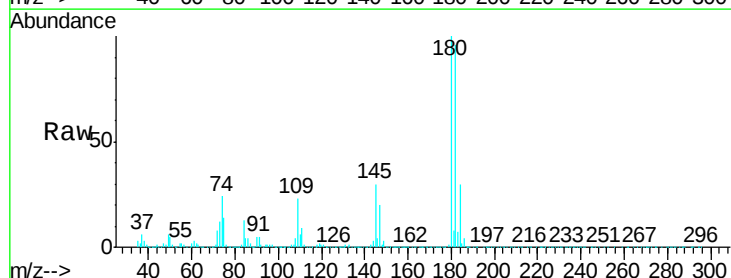
Tgt Ion:180 Resp: 203523

Ion Ratio Lower Upper

180 100

182 94.5 48.0 144.2

145 29.7 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

