

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112219\
 Data File : VX013536.D
 Acq On : 22 Nov 2019 16:22
 Operator : JC/SP
 Sample : VX1122WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD02

Quant Time: Nov 22 17:42:09 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	669928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1038369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	919535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	447809	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	361662	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	
35) Dibromofluoromethane	5.49	113	301878	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
50) Toluene-d8	8.71	98	1135867	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
62) 4-Bromofluorobenzene	11.13	95	402480	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	117352	15.203	ug/l	100
3) Chloromethane	1.32	50	134073	16.017	ug/l	97
4) Vinyl Chloride	1.40	62	162409	17.042	ug/l	97
5) Bromomethane	1.63	94	91925	13.842	ug/l	98
6) Chloroethane	1.72	64	90586	15.814	ug/l	99
7) Trichlorofluoromethane	1.92	101	184808	16.414	ug/l	100
8) Diethyl Ether	2.18	74	89728	18.022	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	113318	18.058	ug/l	98
10) Methyl Iodide	2.50	142	121574	15.648	ug/l	98
11) Tert butyl alcohol	3.03	59	173567	82.972	ug/l	98
12) 1,1-Dichloroethene	2.36	96	113036	18.394	ug/l	98
13) Acrolein	2.28	56	77499	68.357	ug/l	99
14) Allyl chloride	2.72	41	204931	18.354	ug/l	94
15) Acrylonitrile	3.13	53	374712	95.895	ug/l	98
16) Acetone	2.43	43	408595	103.214	ug/l	99
17) Carbon Disulfide	2.56	76	249003	15.139	ug/l	98
18) Methyl Acetate	2.76	43	216660	19.824	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	403007	19.663	ug/l	98
20) Methylene Chloride	2.84	84	132196	18.074	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	118722	17.744	ug/l	98
22) Diisopropyl ether	3.84	45	423987	19.669	ug/l	98
23) Vinyl Acetate	3.80	43	1562272	84.696	ug/l	100
24) 1,1-Dichloroethane	3.69	63	229763	19.054	ug/l	99
25) 2-Butanone	4.65	43	557886	96.063	ug/l	99
26) 2,2-Dichloropropane	4.58	77	171124	17.838	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	142038	18.950	ug/l	100
28) Bromochloromethane	5.00	49	64771	18.918	ug/l	99
29) Tetrahydrofuran	5.11	42	337298	94.249	ug/l	100
30) Chloroform	5.20	83	227064	19.069	ug/l	98
31) Cyclohexane	5.57	56	189475	17.462	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	190218	18.563	ug/l	99
36) 1,1-Dichloropropene	5.79	75	160699	18.040	ug/l	99
37) Ethyl Acetate	4.82	43	193499	17.579	ug/l	97
38) Carbon Tetrachloride	5.78	117	154922	17.785	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	186913	16.840	ug/l	98
40) Benzene	6.14	78	507851	18.302	ug/l	100
41) Methacrylonitrile	5.03	41	111407	18.058	ug/l	98
42) 1,2-Dichloroethane	6.18	62	181442	18.128	ug/l	99
43) Isopropyl Acetate	6.43	43	324995	18.961	ug/l	99
44) Trichloroethene	7.21	130	139176	18.221	ug/l	100
45) 1,2-Dichloropropane	7.51	63	134275	18.992	ug/l	94
46) Dibromomethane	7.65	93	86006	17.817	ug/l	95
47) Bromodichloromethane	7.89	83	171912	18.886	ug/l	96
48) Methyl methacrylate	7.76	41	157611	18.421	ug/l	97
49) 1,4-Dioxane	7.73	88	61960	316.217	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1048823	93.267	ug/l	99
52) Toluene	8.78	92	317810	18.480	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	181677	18.252	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	203958	18.318	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	136345	19.127	ug/l	99
56) Ethyl methacrylate	9.17	69	215458	18.714	ug/l	96
57) 1,3-Dichloropropane	9.37	76	227621	18.811	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	440082	90.291	ug/l	100
59) 2-Hexanone	9.48	43	805035	92.637	ug/l	98
60) Dibromochloromethane	9.57	129	135858	18.635	ug/l	98
61) 1,2-Dibromoethane	9.67	107	141868	18.742	ug/l	98
64) Tetrachloroethene	9.33	164	169317	25.722	ug/l	98
65) Chlorobenzene	10.14	112	347339	18.658	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	132007	19.312	ug/l	98
67) Ethyl Benzene	10.25	91	598357	18.623	ug/l	99
68) m/p-Xylenes	10.36	106	457167	37.623	ug/l	99
69) o-Xylene	10.70	106	225559	18.960	ug/l	99
70) Styrene	10.71	104	379203	19.068	ug/l	100
71) Bromoform	10.85	173	102672	18.365	ug/l #	98
73) Isopropylbenzene	11.01	105	602849	20.305	ug/l	100
74) N-amyl acetate	10.89	43	274755	19.956	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	214860	19.837	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	234385	25.769	ug/l	81
77) Bromobenzene	11.25	156	157618	19.914	ug/l	99
78) n-propylbenzene	11.35	91	662082	20.019	ug/l	100
79) 2-Chlorotoluene	11.42	91	402487	20.198	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	494633	20.001	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	61786	17.485	ug/l	94
82) 4-Chlorotoluene	11.51	91	446567	19.145	ug/l	100
83) tert-Butylbenzene	11.76	119	473441	19.018	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	495626	19.978	ug/l	100
85) sec-Butylbenzene	11.94	105	569437	19.902	ug/l	99
86) p-Isopropyltoluene	12.06	119	521325	19.788	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	269835	19.125	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	274059	19.065	ug/l	99
89) n-Butylbenzene	12.39	91	426583	18.556	ug/l	100
90) Hexachloroethane	12.59	117	92842	19.778	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	276375	19.597	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44112	16.716	ug/l	98

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ClientSampleId :
VX1122WBSD02

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

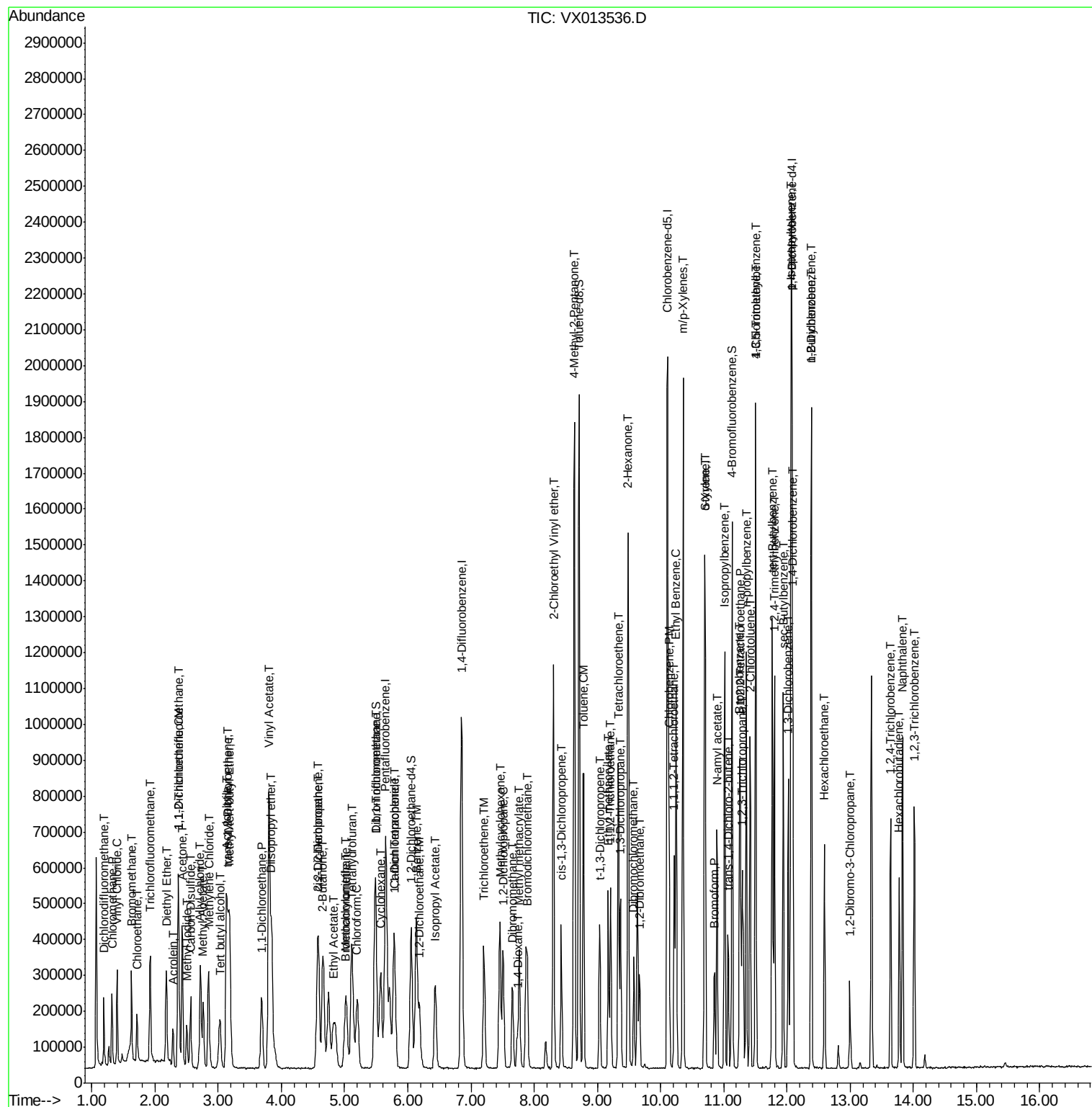
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	178047	18.099	ug/l	100
94) Hexachlorobutadiene	13.78	225	84869	17.634	ug/l	99
95) Naphthalene	13.83	128	569010	18.435	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	185037	18.755	ug/l	98

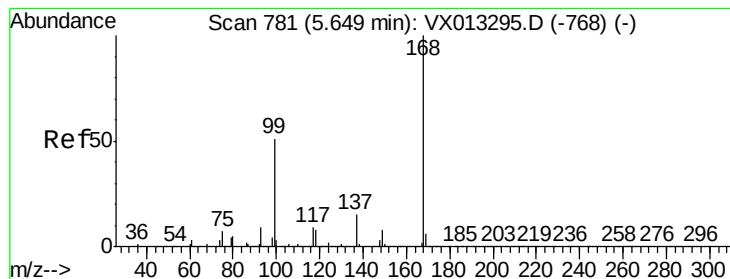
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

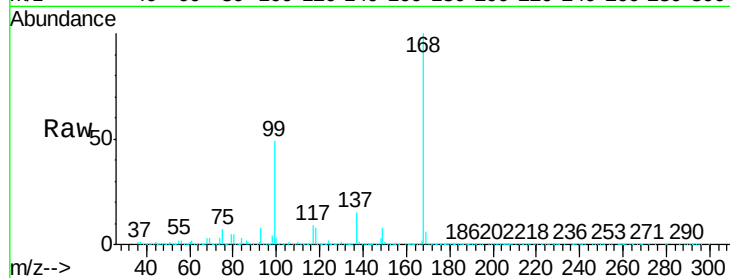
VX1122WBSD02

Tgt Ion:168 Resp: 669928

Ion Ratio Lower Upper

168 100

99 49.3 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

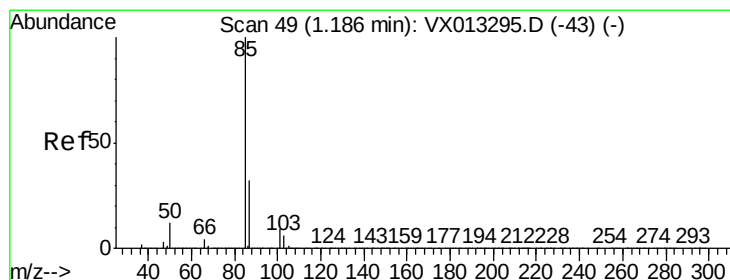
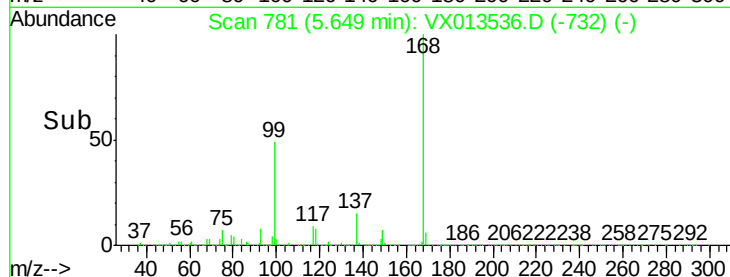
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50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 15.203 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013536.D

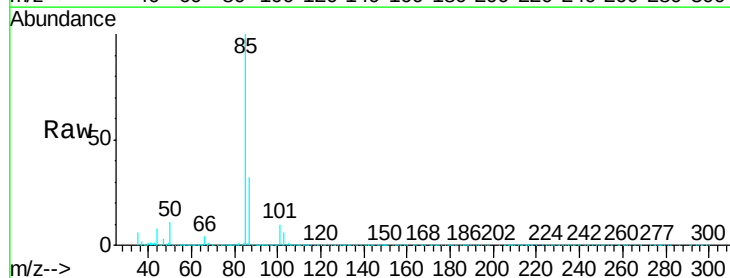
Acq: 22 Nov 2019 16:22

Tgt Ion: 85 Resp: 117352

Ion Ratio Lower Upper

85 100

87 31.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120000

100000

80000

60000

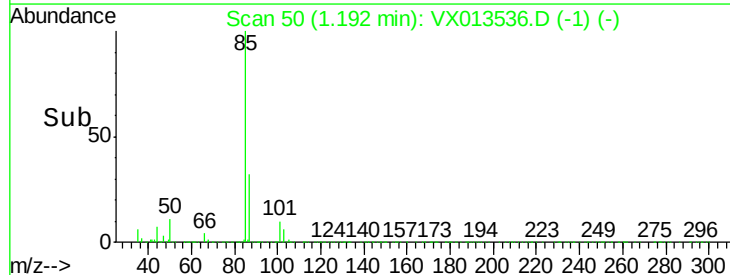
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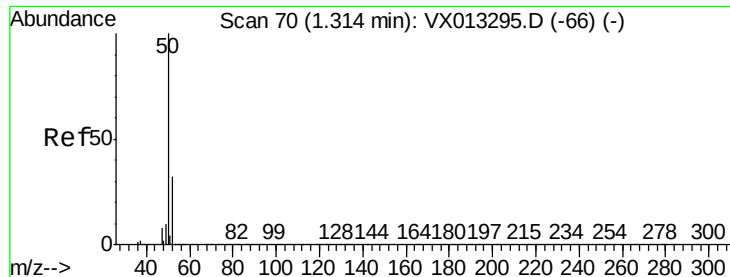
20000

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Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 16.017 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

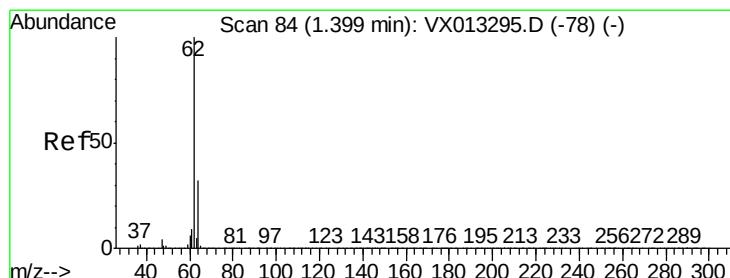
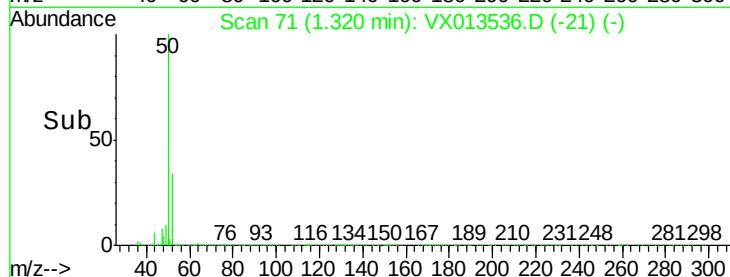
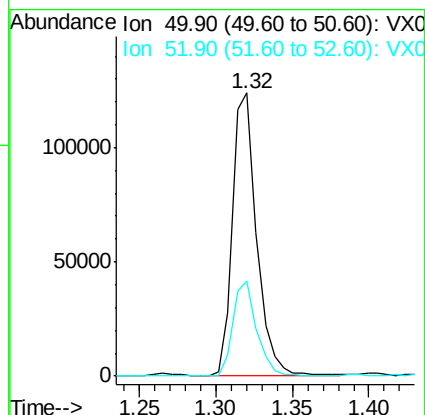
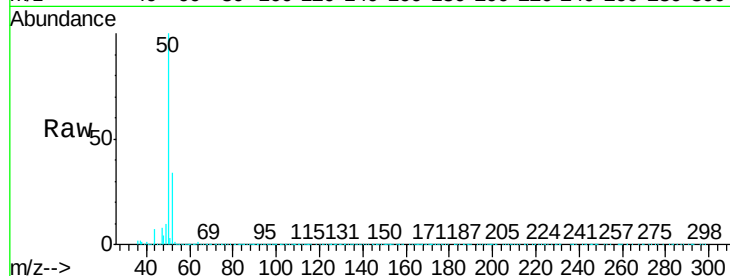
VX1122WBSD02

Tgt Ion: 50 Resp: 134073

Ion Ratio Lower Upper

50 100

52 33.7 25.5 38.3



#4

Vinyl Chloride

Concen: 17.042 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013536.D

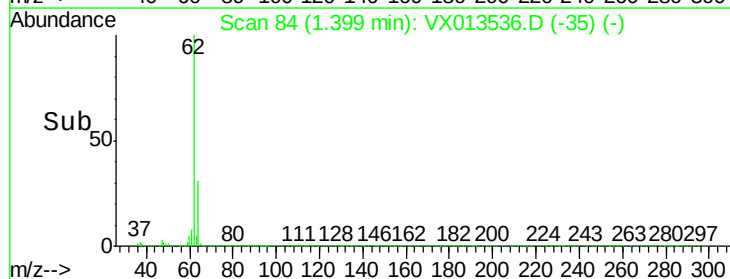
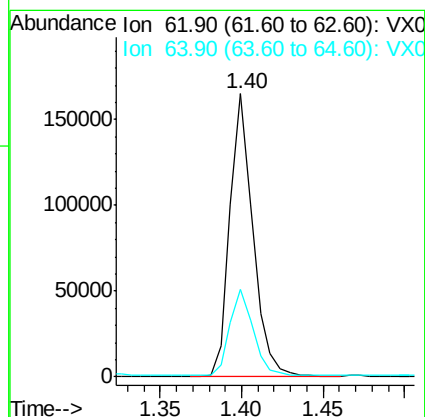
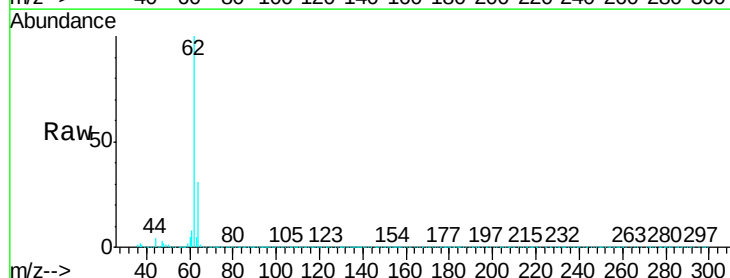
Acq: 22 Nov 2019 16:22

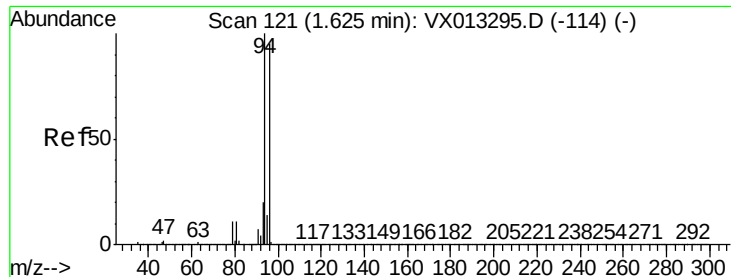
Tgt Ion: 62 Resp: 162409

Ion Ratio Lower Upper

62 100

64 30.2 25.6 38.4





#5

Bromomethane

Concen: 13.842 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

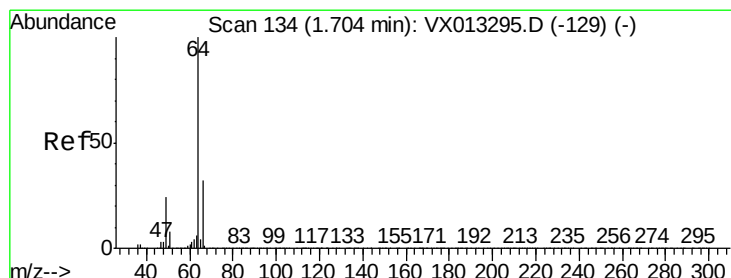
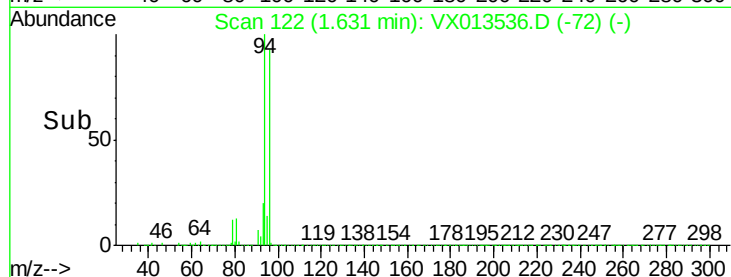
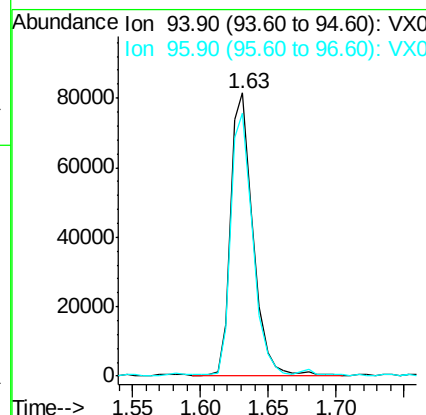
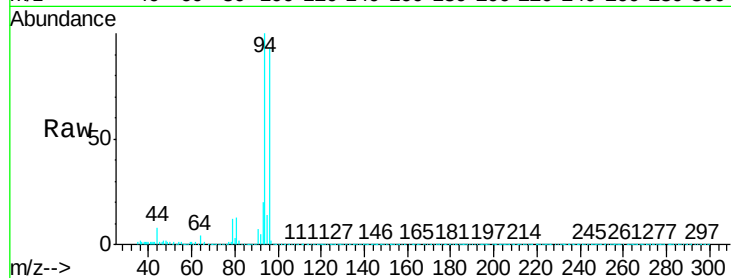
VX1122WBSD02

Tgt Ion: 94 Resp: 91925

Ion Ratio Lower Upper

94 100

96 92.4 75.8 113.8



#6

Chloroethane

Concen: 15.814 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013536.D

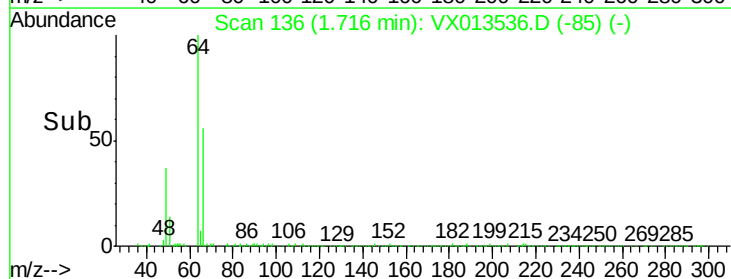
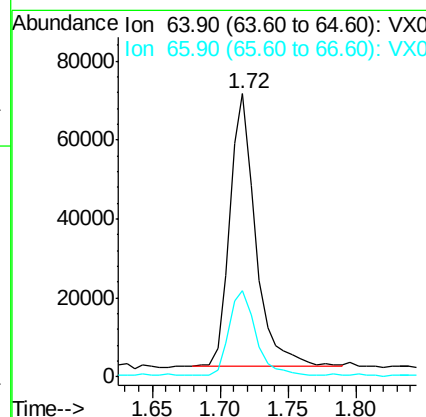
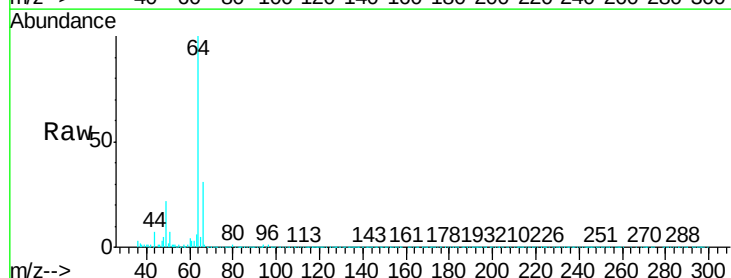
Acq: 22 Nov 2019 16:22

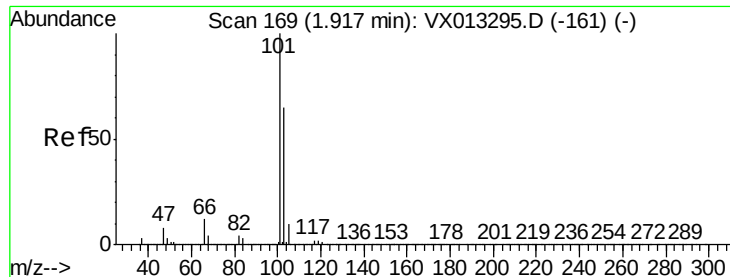
Tgt Ion: 64 Resp: 90586

Ion Ratio Lower Upper

64 100

66 31.2 25.6 38.4



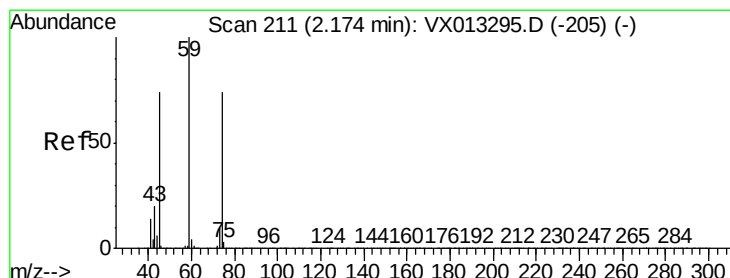
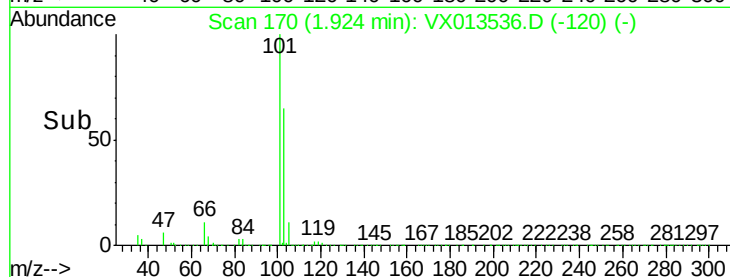
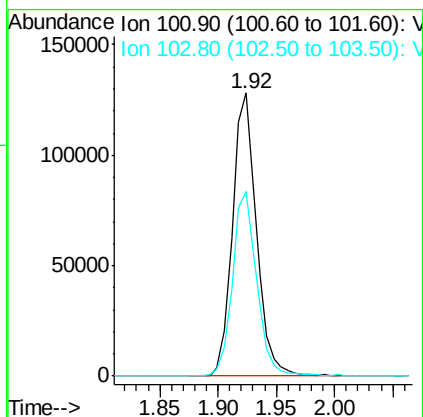
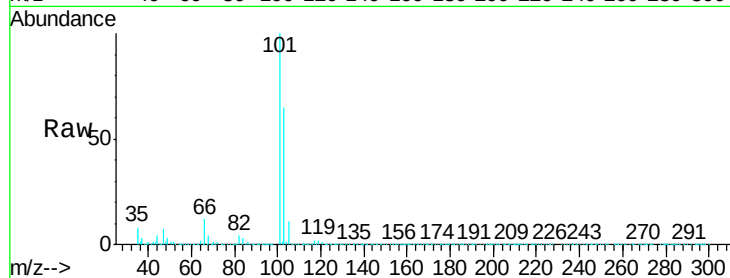


#7

Trichlorofluoromethane
Concen: 16.414 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD02

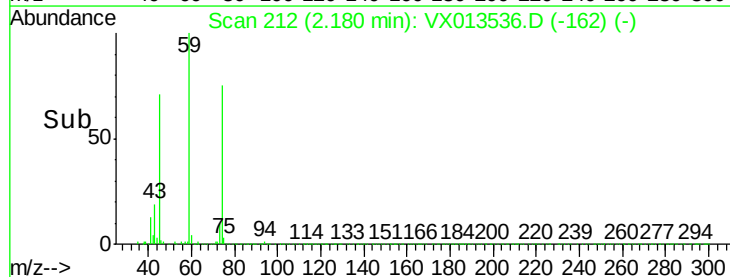
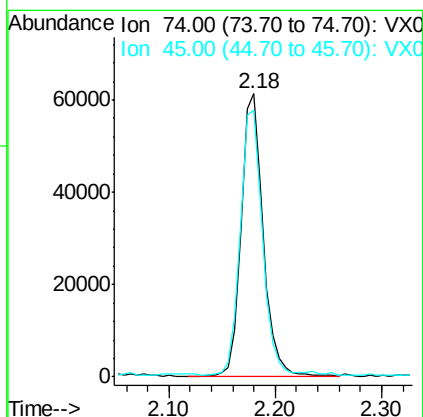
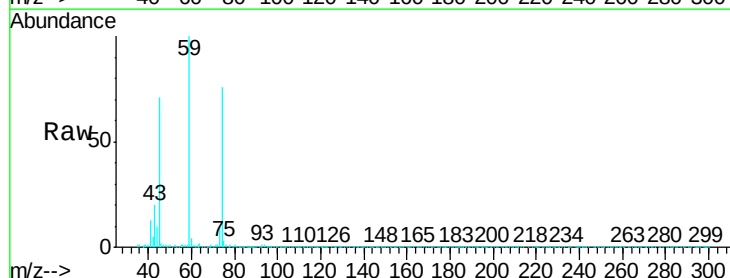
Tgt Ion:101 Resp: 184808
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5

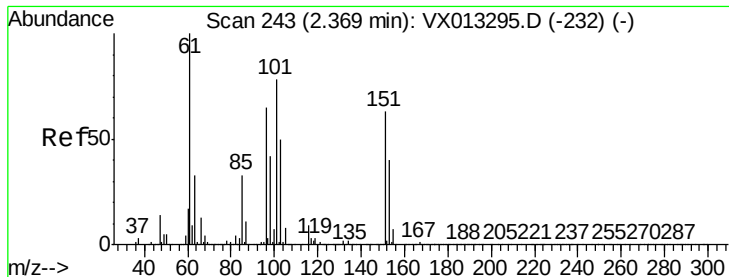


#8

Diethyl Ether
Concen: 18.022 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

Tgt Ion: 74 Resp: 89728
Ion Ratio Lower Upper
74 100
45 94.7 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.058 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD02

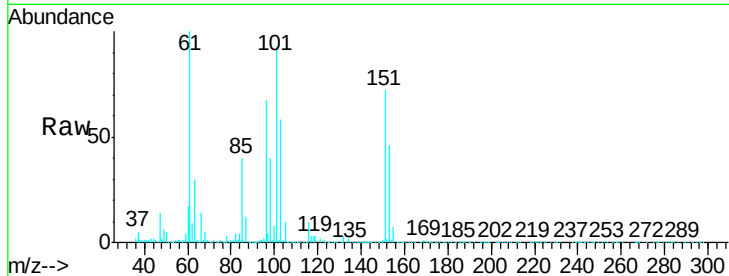
Tgt Ion:101 Resp: 113318

Ion Ratio Lower Upper

101 100

85 41.5 34.4 51.6

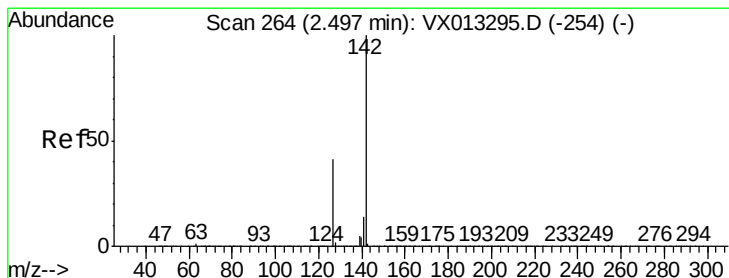
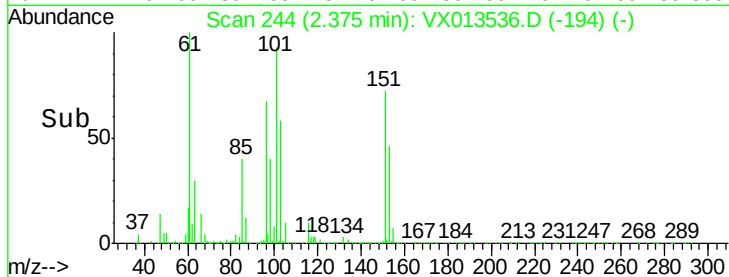
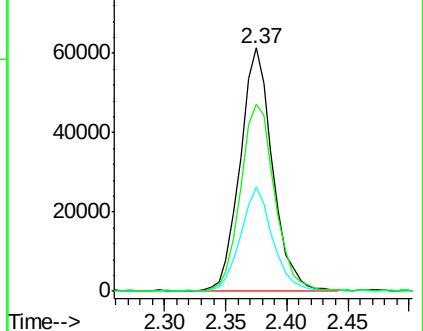
151 81.0 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.648 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

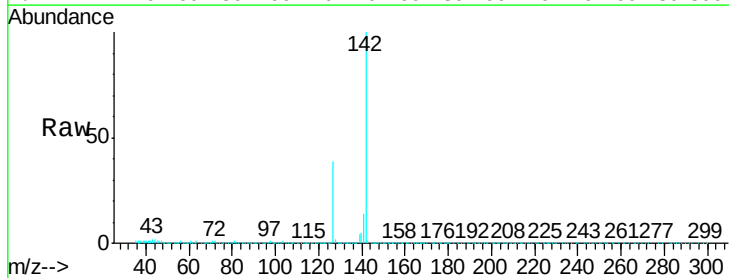
Tgt Ion:142 Resp: 121574

Ion Ratio Lower Upper

142 100

127 39.8 32.6 49.0

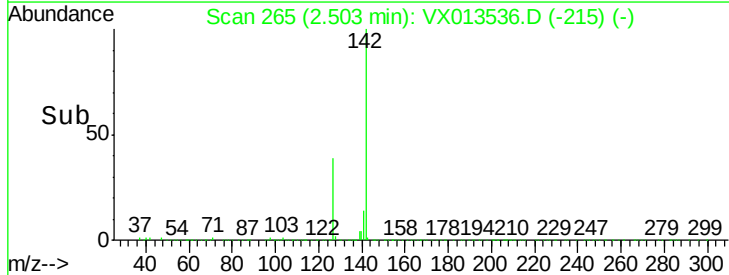
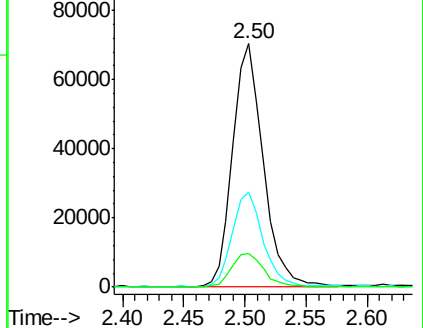
141 15.0 11.6 17.4

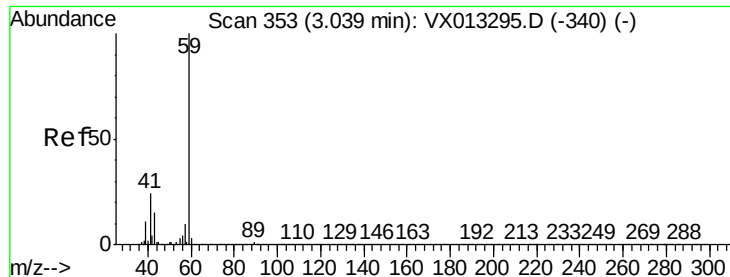


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 82.972 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

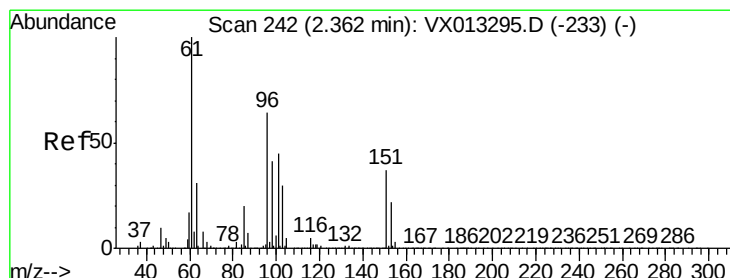
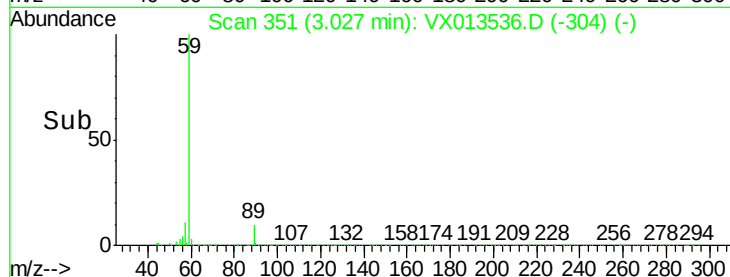
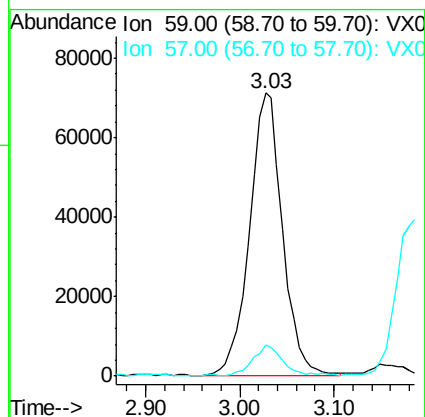
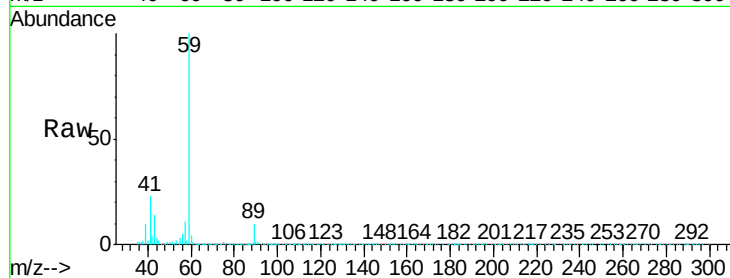
VX1122WBSD02

Tgt Ion: 59 Resp: 173567

Ion Ratio Lower Upper

59 100

57 10.6 8.0 12.0



#12

1,1-Dichloroethene

Concen: 18.394 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

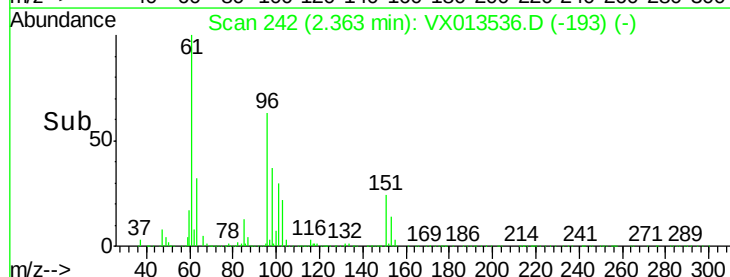
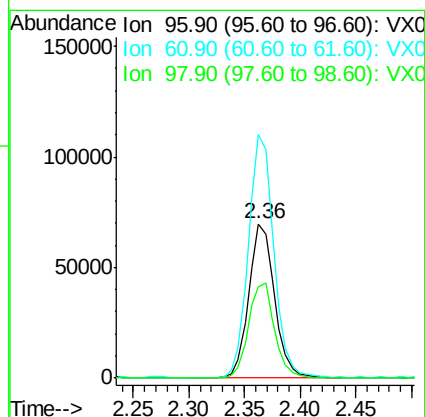
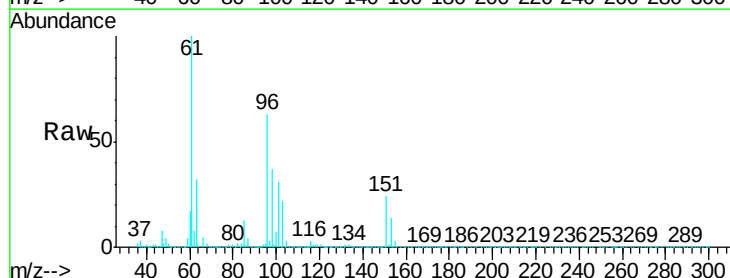
Tgt Ion: 96 Resp: 113036

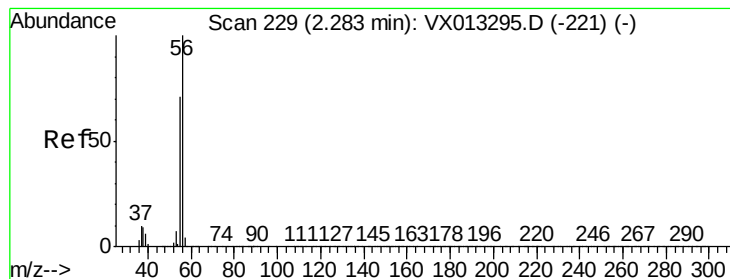
Ion Ratio Lower Upper

96 100

61 157.5 125.0 187.6

98 59.0 50.7 76.1





#13

Acrolein

Concen: 68.357 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

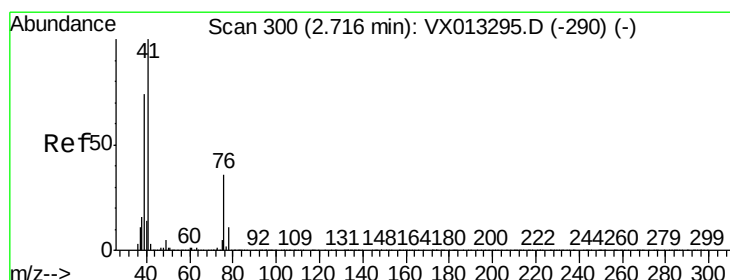
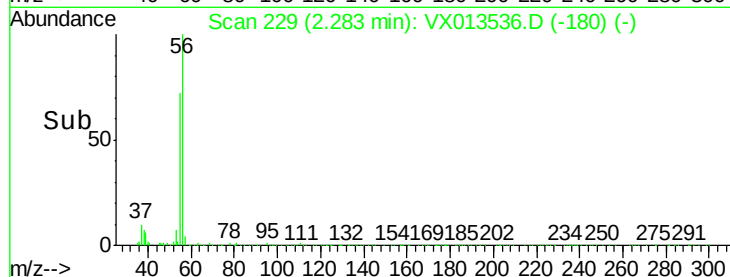
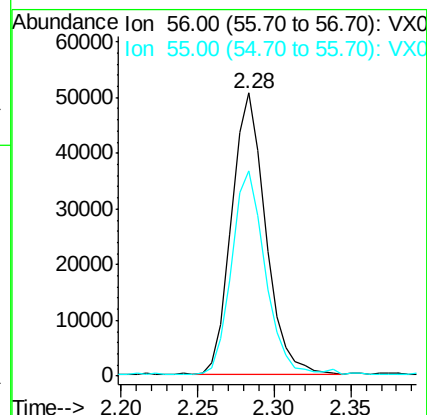
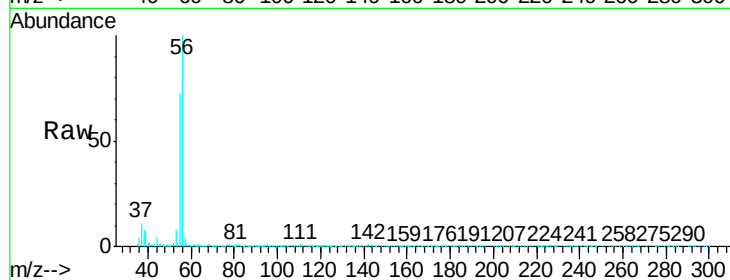
VX1122WBSD02

Tgt Ion: 56 Resp: 77499

Ion Ratio Lower Upper

56 100

55 72.6 57.4 86.0



#14

Allyl chloride

Concen: 18.354 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

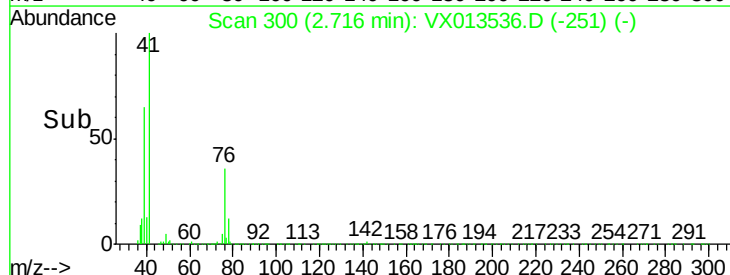
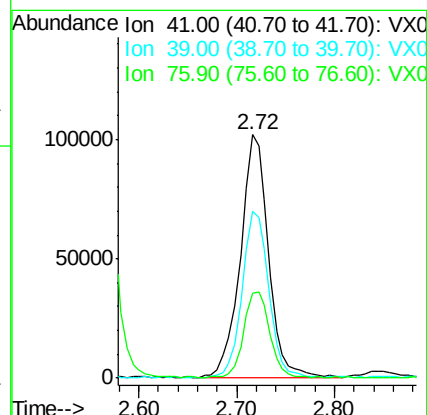
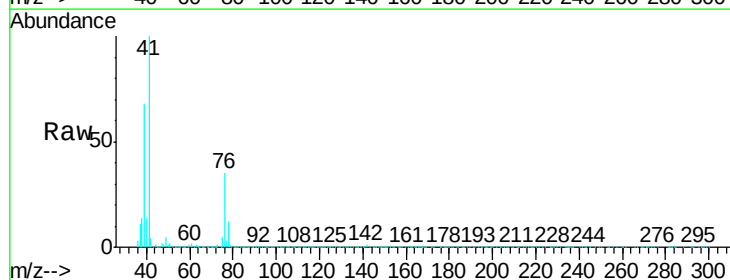
Tgt Ion: 41 Resp: 204931

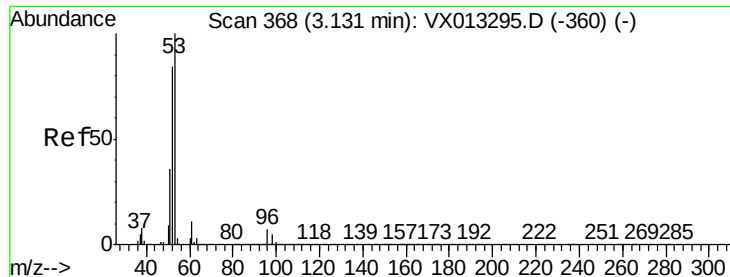
Ion Ratio Lower Upper

41 100

39 63.8 55.8 83.8

76 31.9 26.4 39.6





#15

Acrylonitrile

Concen: 95.895 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD02

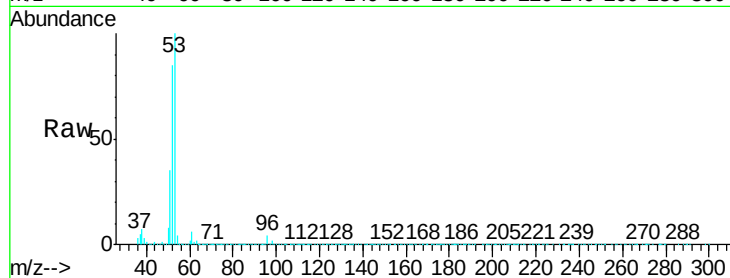
Tgt Ion: 53 Resp: 374712

Ion Ratio Lower Upper

53 100

52 82.4 67.4 101.0

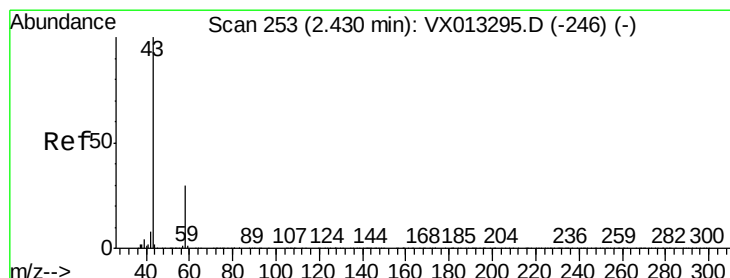
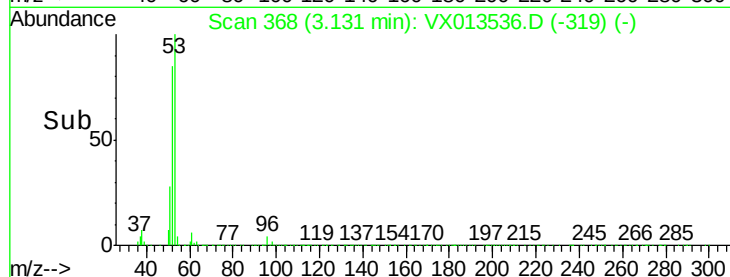
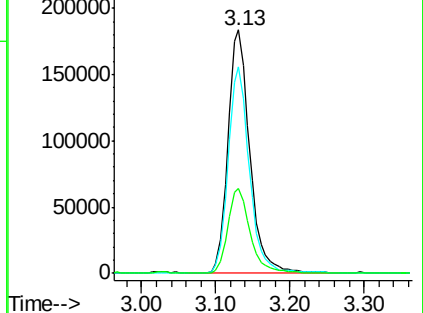
51 35.4 29.4 44.2



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: 103.214 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013536.D

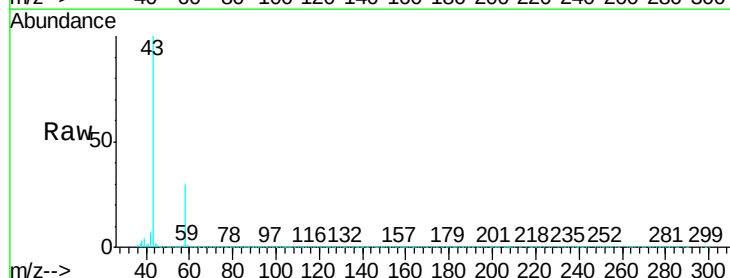
Acq: 22 Nov 2019 16:22

Tgt Ion: 43 Resp: 408595

Ion Ratio Lower Upper

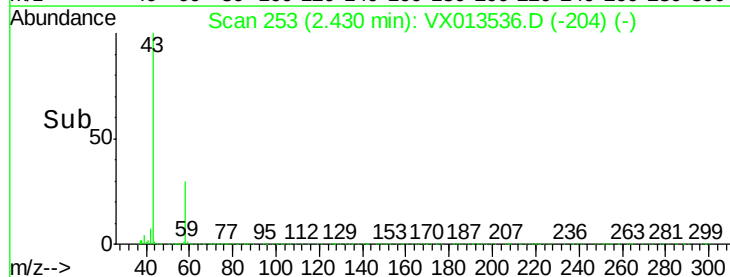
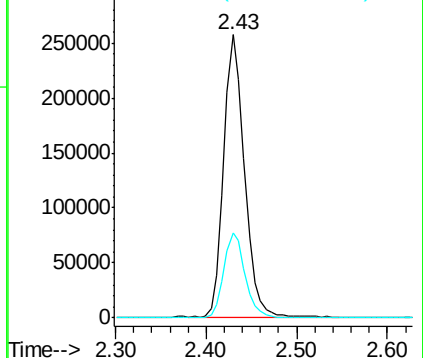
43 100

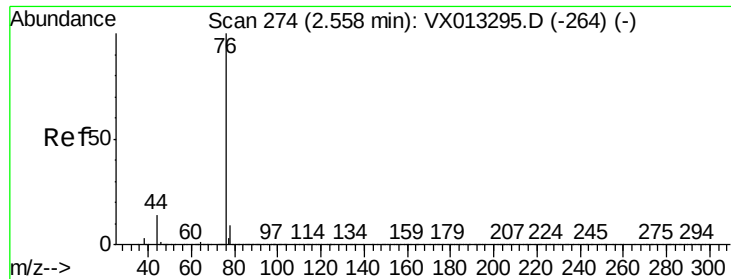
58 29.9 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.139 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

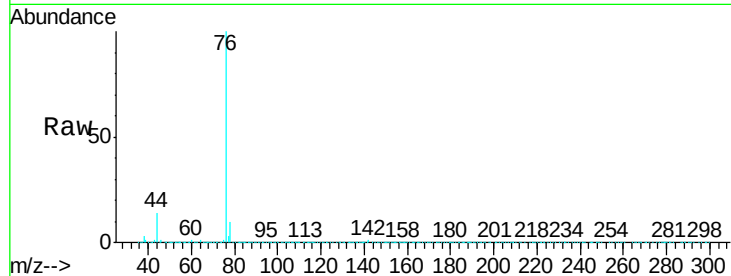
VX1122WBSD02

Tgt Ion: 76 Resp: 249003

Ion Ratio Lower Upper

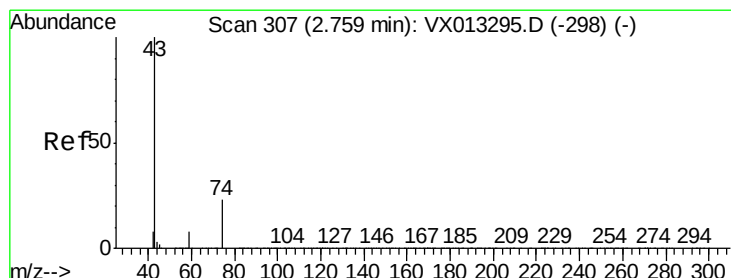
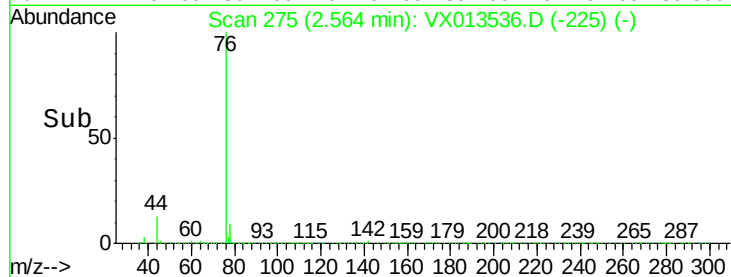
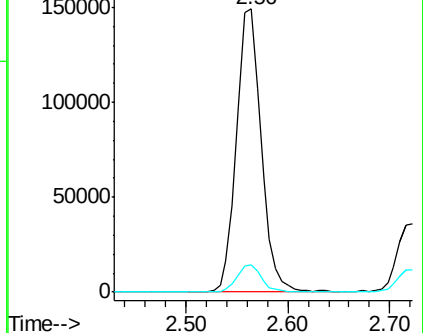
76 100

78 9.4 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: 19.824 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013536.D

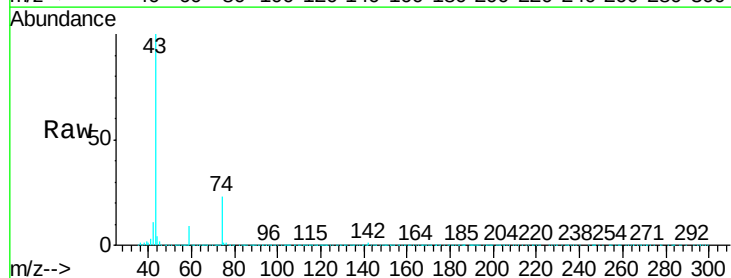
Acq: 22 Nov 2019 16:22

Tgt Ion: 43 Resp: 216660

Ion Ratio Lower Upper

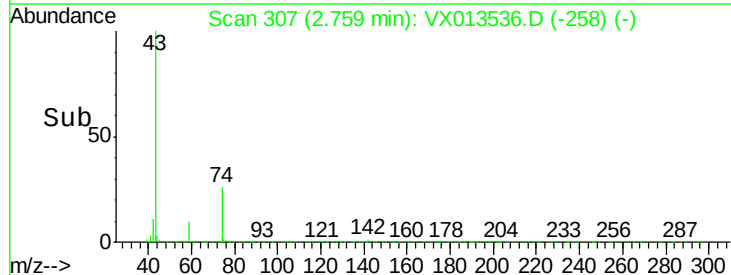
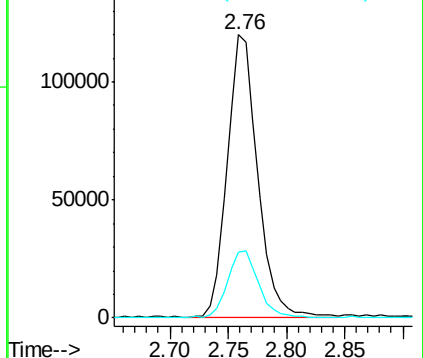
43 100

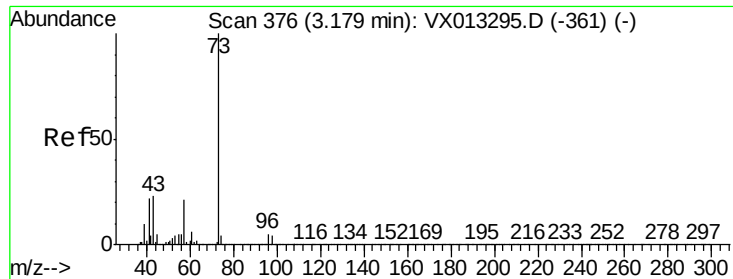
74 24.7 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

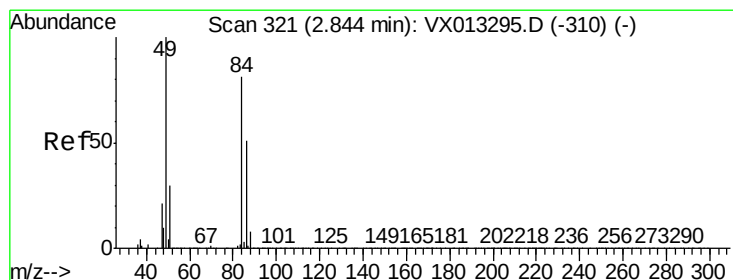
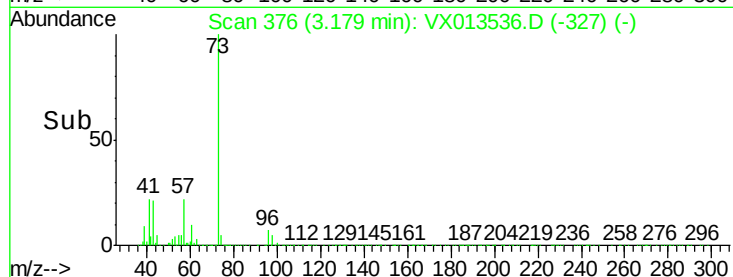
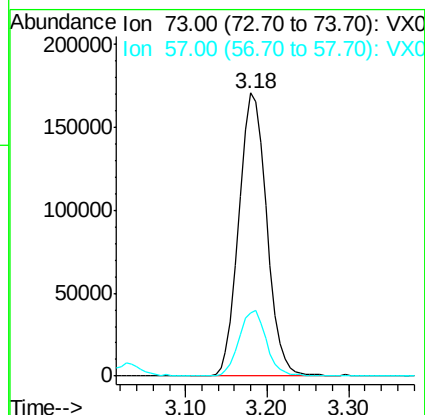
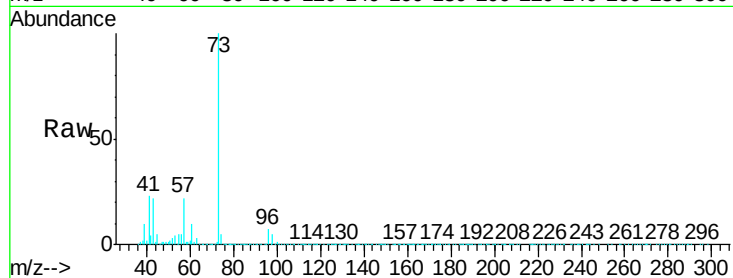




#19
Methyl tert-butyl Ether
Concen: 19.663 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

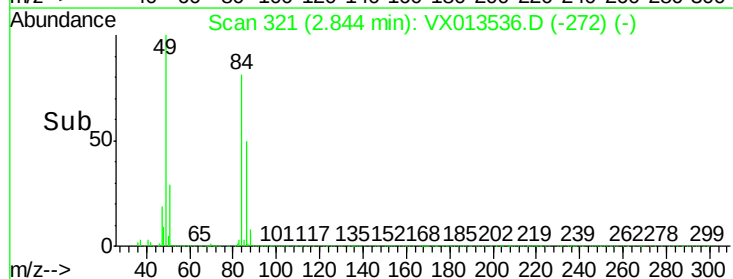
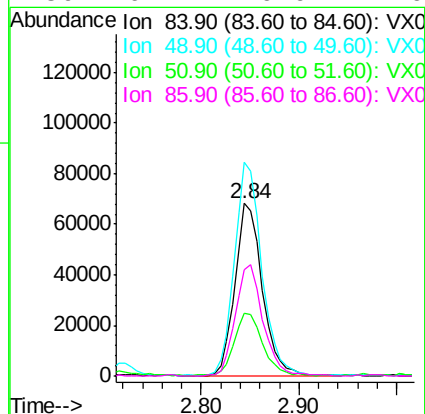
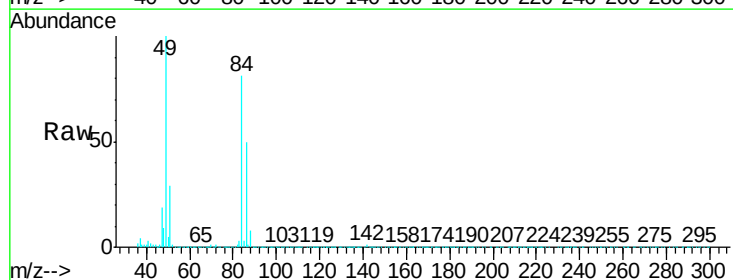
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD02

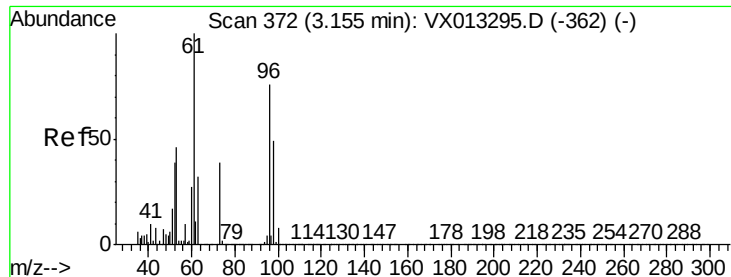
Tgt Ion: 73 Resp: 403007
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7



#20
Methylene Chloride
Concen: 18.074 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

Tgt Ion: 84 Resp: 132196
Ion Ratio Lower Upper
84 100
49 123.9 98.2 147.4
51 36.3 29.9 44.9
86 61.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 17.744 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD02

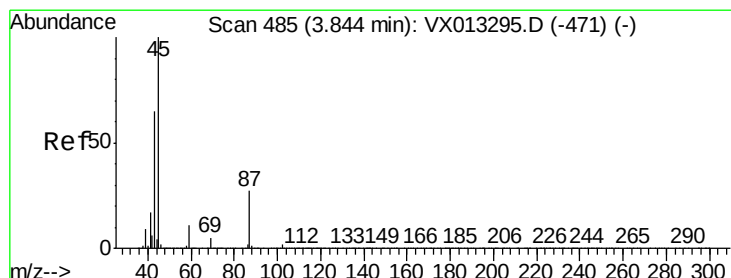
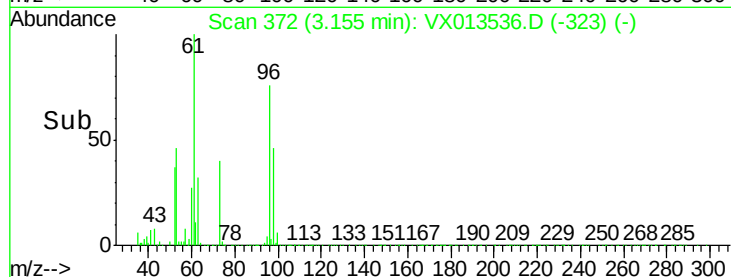
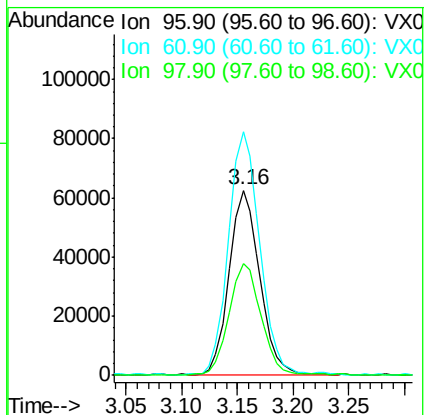
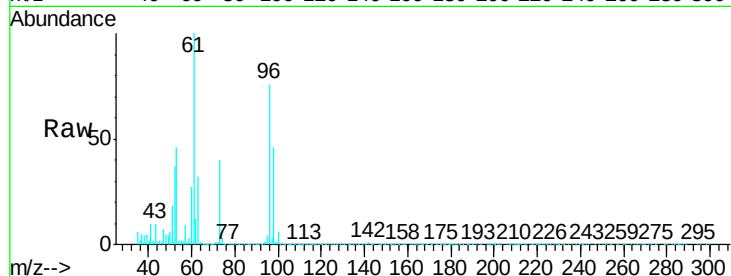
Tgt Ion: 96 Resp: 118722

Ion Ratio Lower Upper

96 100

61 131.4 105.8 158.6

98 60.0 51.8 77.6



#22

Diisopropyl ether

Concen: 19.669 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Tgt Ion: 45 Resp: 423987

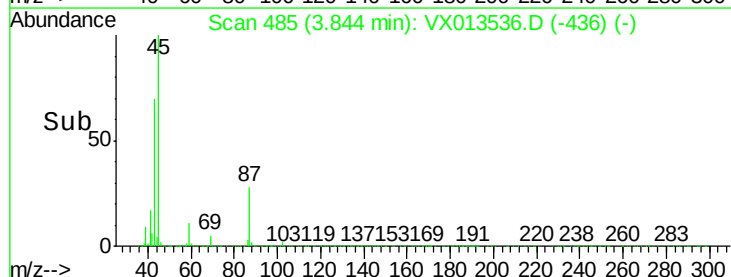
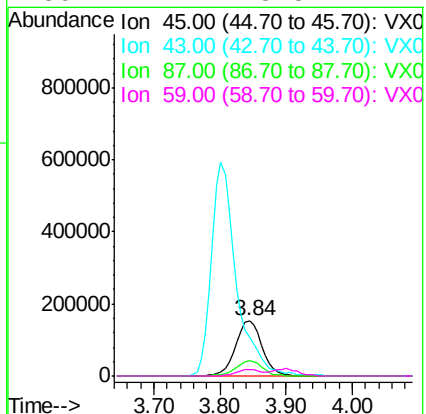
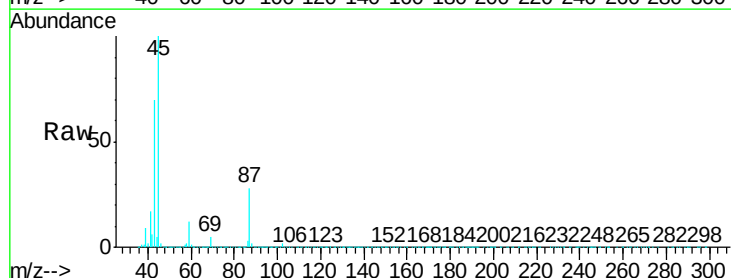
Ion Ratio Lower Upper

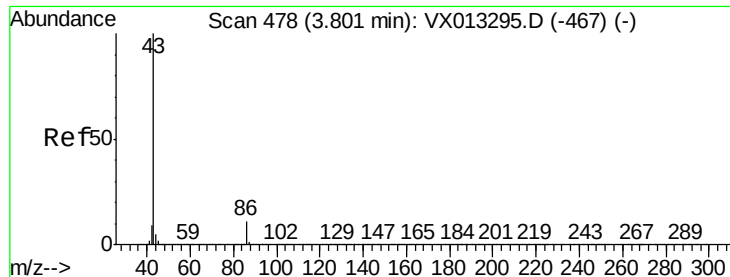
45 100

43 69.5 54.2 81.2

87 27.8 21.8 32.8

59 11.4 8.5 12.7





#23

Vinyl Acetate

Concen: 84.696 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

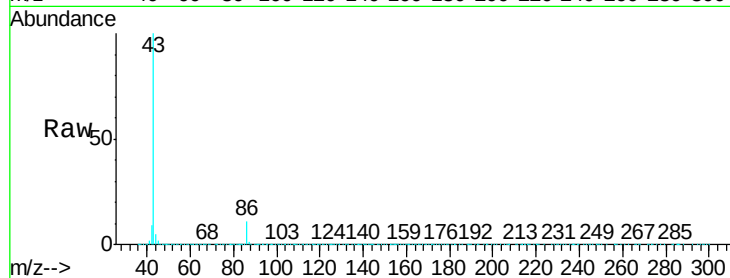
VX1122WBSD02

Tgt Ion: 43 Resp: 1562272

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

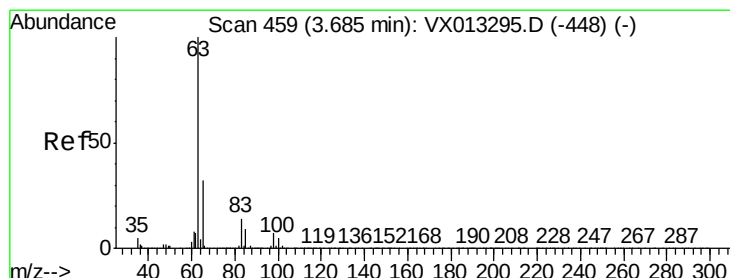
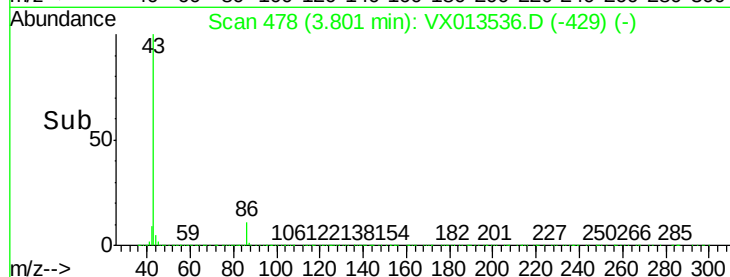
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.054 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

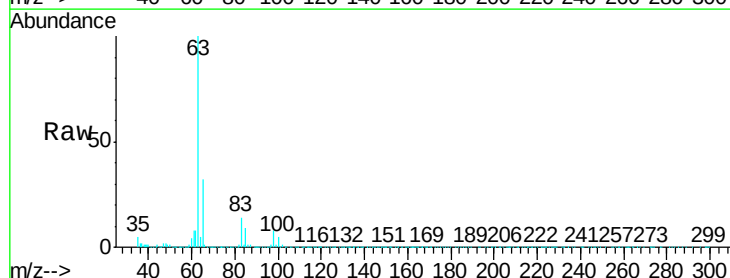
Tgt Ion: 63 Resp: 229763

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 4.7 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

120000

100000

80000

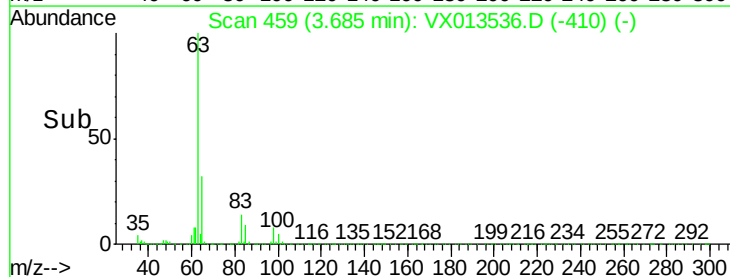
60000

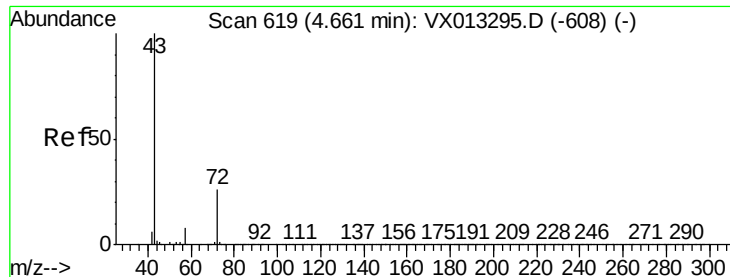
40000

20000

0

Time-->





#25

2-Butanone

Concen: 96.063 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

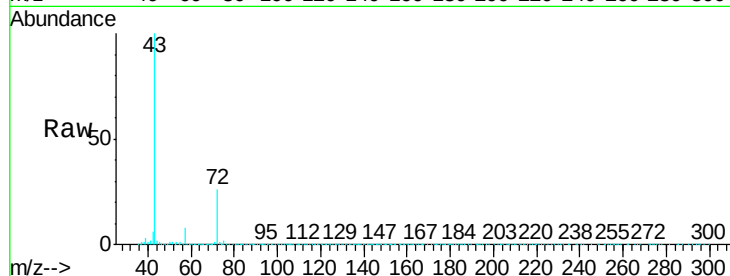
VX1122WBSD02

Tgt Ion: 43 Resp: 557886

Ion Ratio Lower Upper

43 100

72 26.0 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

200000

150000

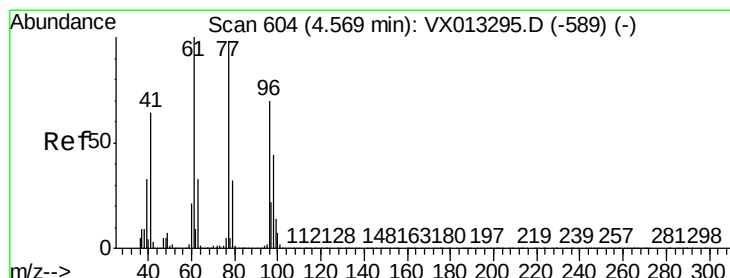
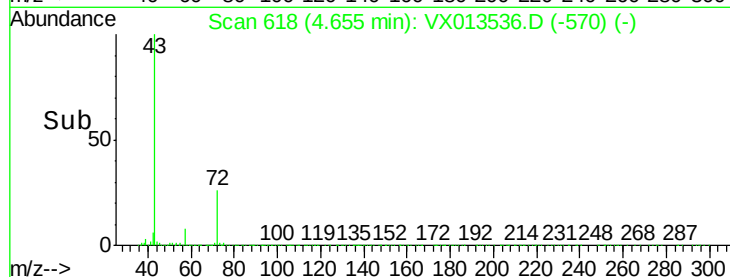
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 17.838 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013536.D

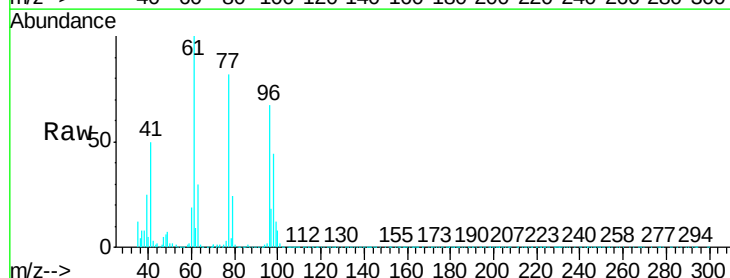
Acq: 22 Nov 2019 16:22

Tgt Ion: 77 Resp: 171124

Ion Ratio Lower Upper

77 100

97 23.5 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

60000

50000

40000

30000

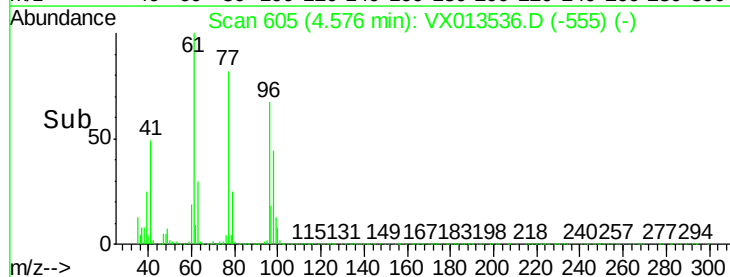
20000

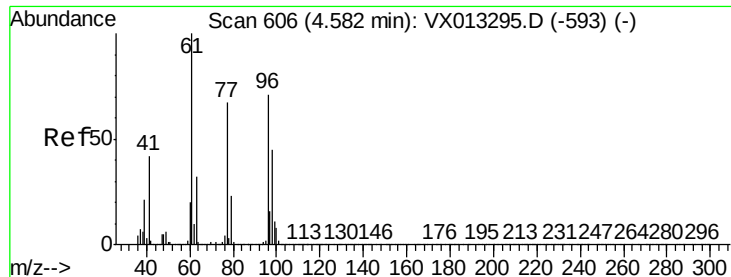
10000

0

4.50 4.60 4.70

Time-->



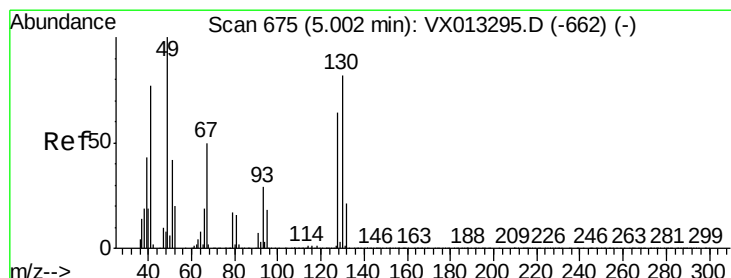
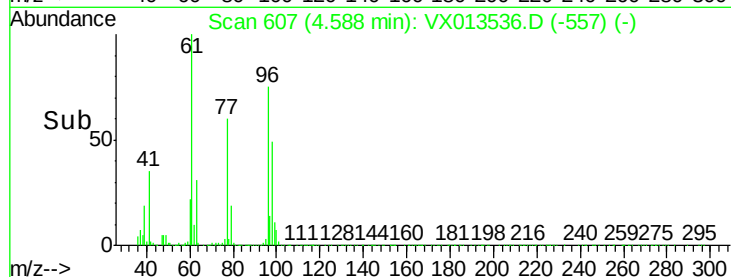
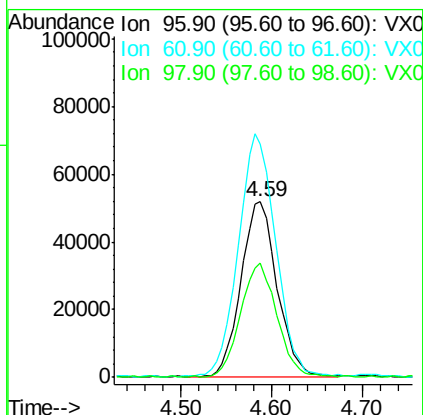
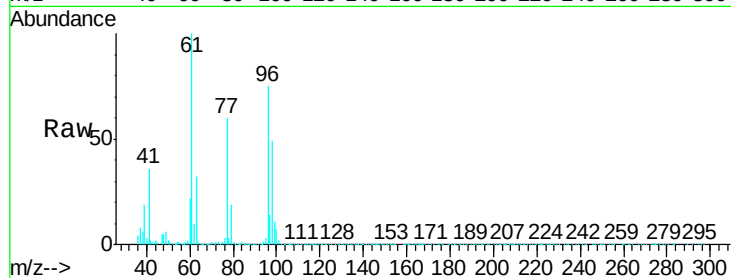


#27

cis-1,2-Dichloroethene
Concen: 18.950 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD02

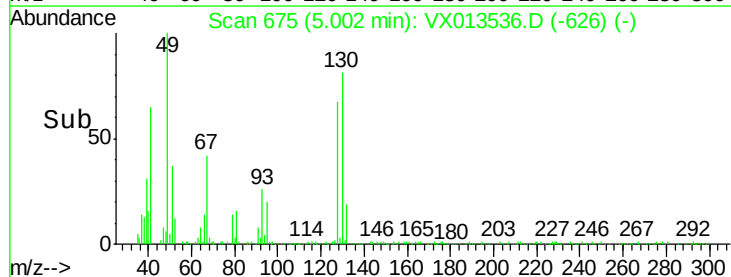
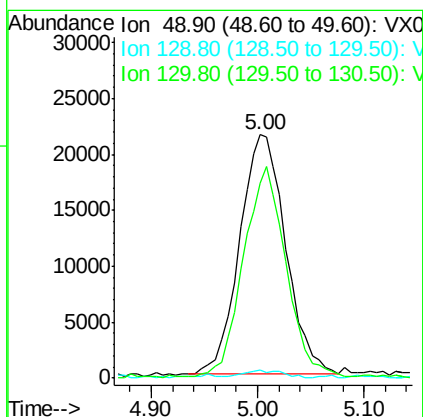
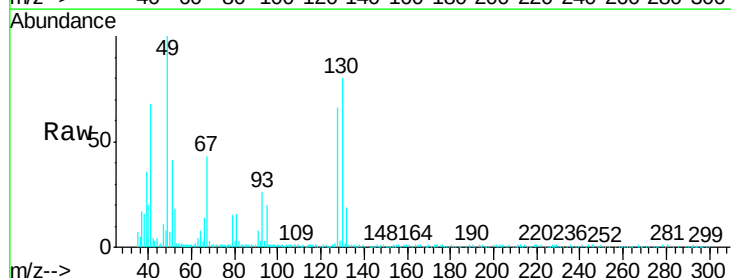
Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	288.0
98	64.9	0.0	129.6

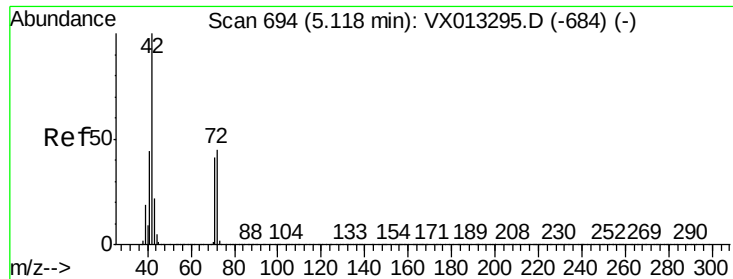


#28

Bromochloromethane
Concen: 18.918 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.2
130	80.6	63.8	95.6





#29

Tetrahydrofuran

Concen: 94.249 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD02

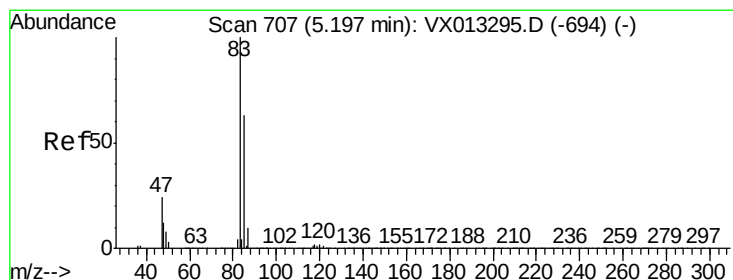
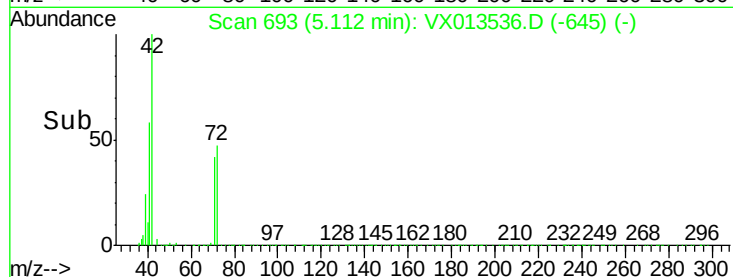
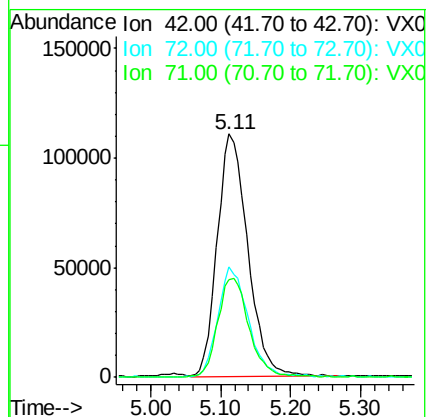
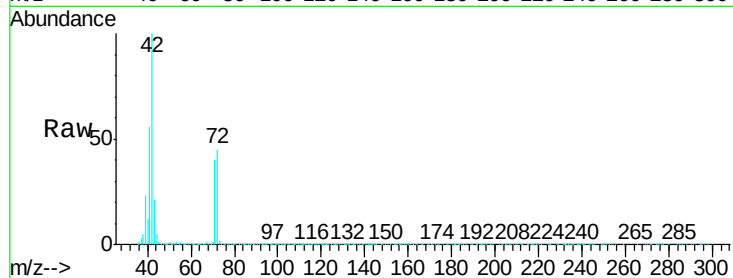
Tgt Ion: 42 Resp: 337298

Ion Ratio Lower Upper

42 100

72 44.6 35.8 53.8

71 41.3 33.4 50.0



#30

Chloroform

Concen: 19.069 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013536.D

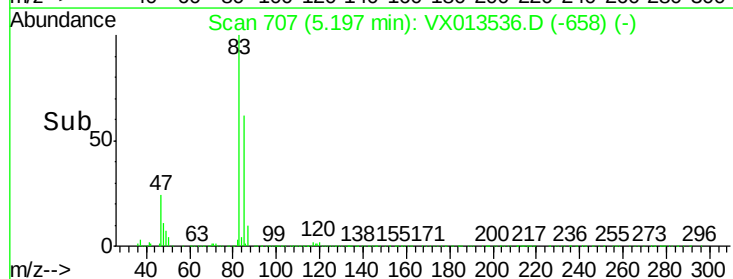
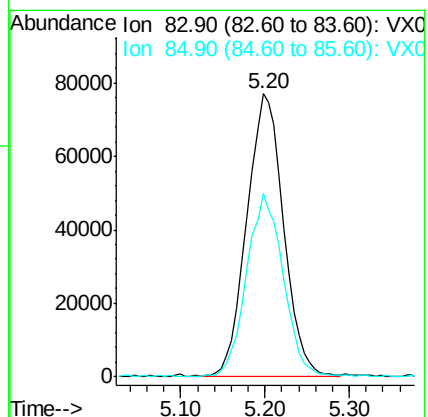
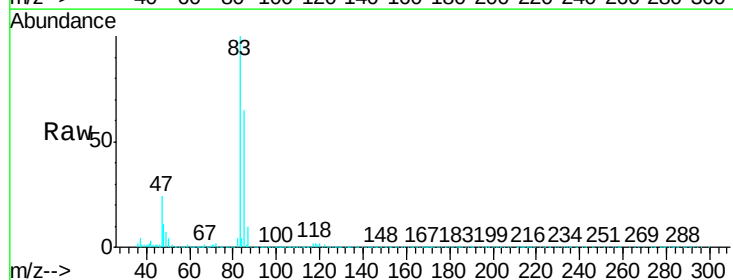
Acq: 22 Nov 2019 16:22

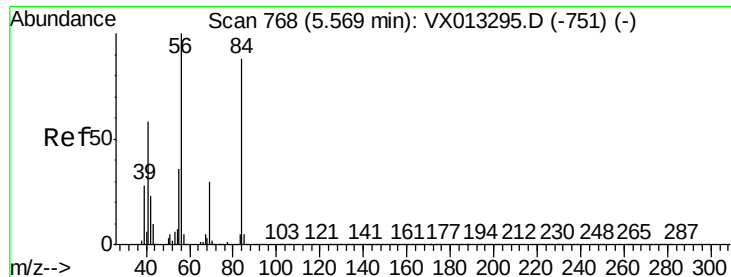
Tgt Ion: 83 Resp: 227064

Ion Ratio Lower Upper

83 100

85 64.7 50.2 75.4

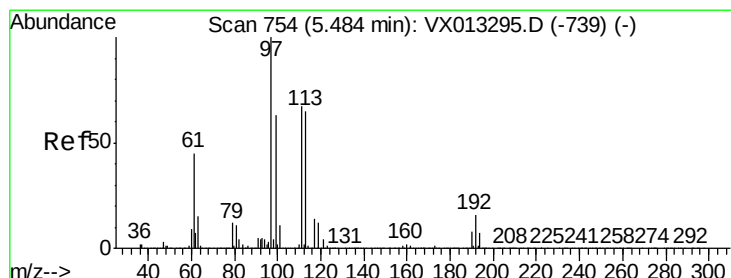
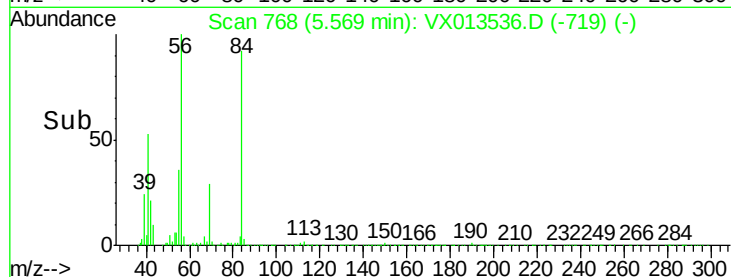
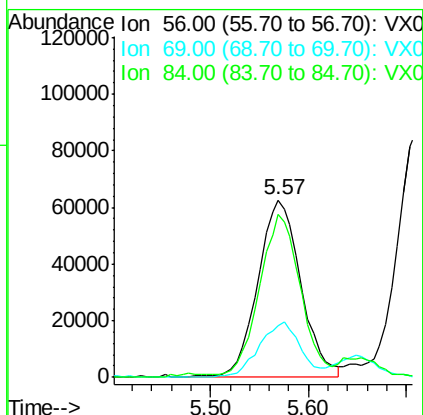
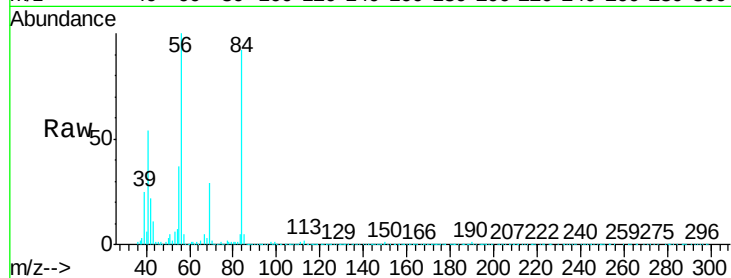




#31
Cyclohexane
Concen: 17.462 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

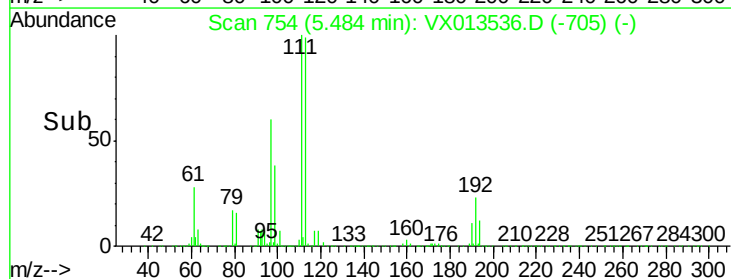
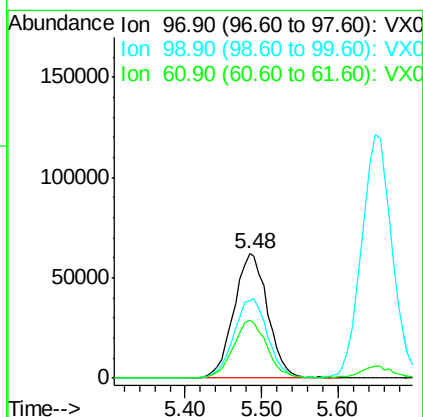
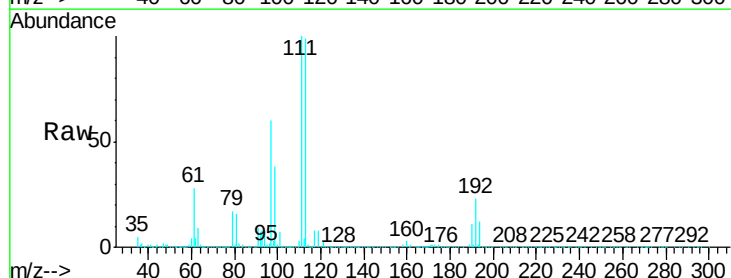
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD02

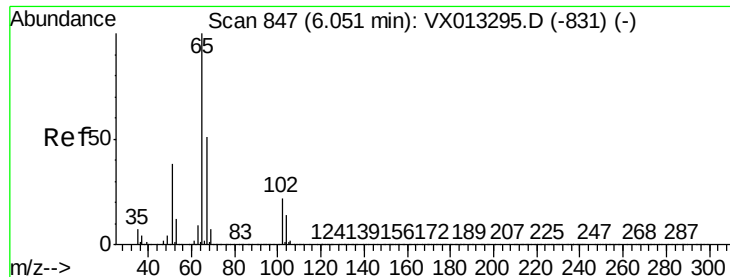
Tgt Ion: 56 Resp: 189475
Ion Ratio Lower Upper
56 100
69 28.6 23.7 35.5
84 90.1 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 18.563 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

Tgt Ion: 97 Resp: 190218
Ion Ratio Lower Upper
97 100
99 62.8 51.1 76.7
61 45.0 36.5 54.7

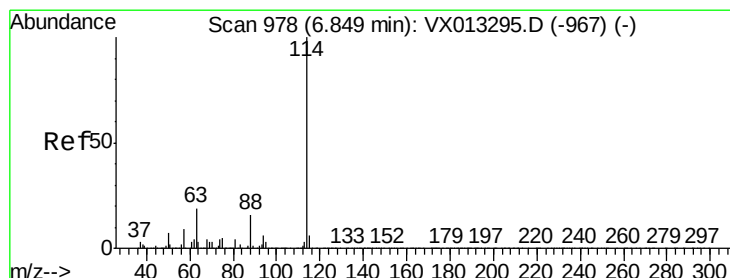
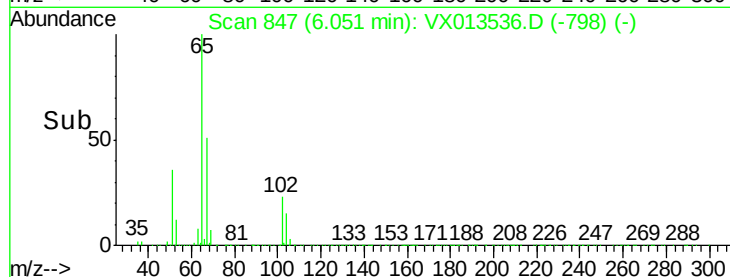
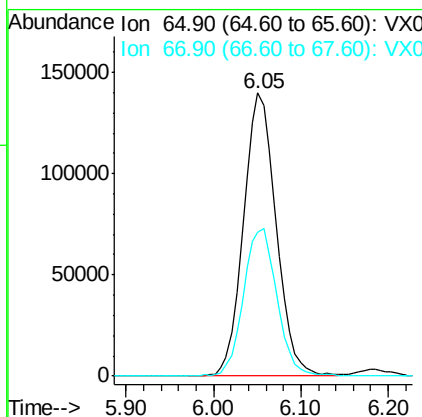
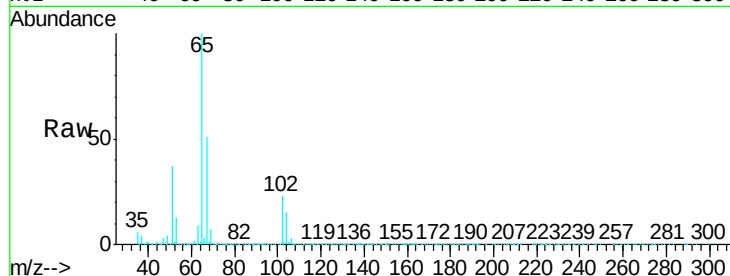




#33
 1,2-Dichloroethane-d4
 Concen: 45.569 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013536.D
 Acq: 22 Nov 2019 16:22

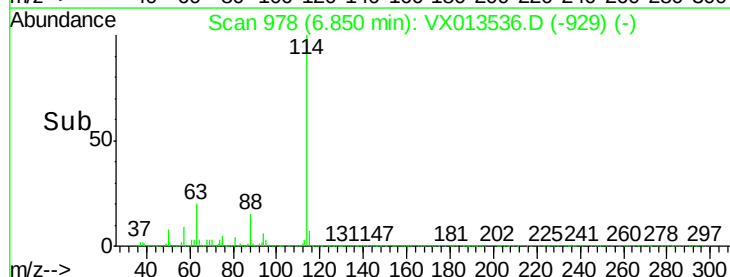
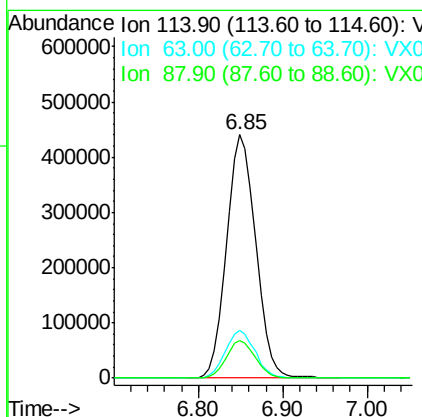
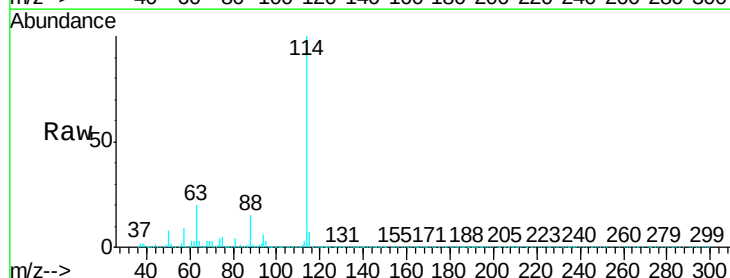
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD02

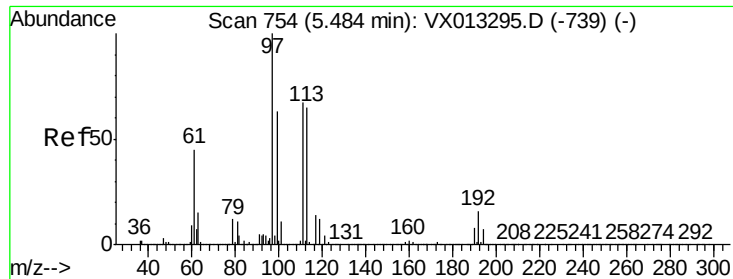
Tgt Ion: 65 Resp: 361662
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013536.D
 Acq: 22 Nov 2019 16:22

Tgt Ion: 114 Resp: 1038369
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.4
 88 15.4 0.0 32.2

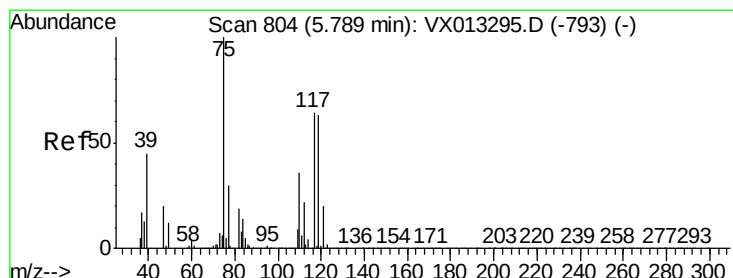
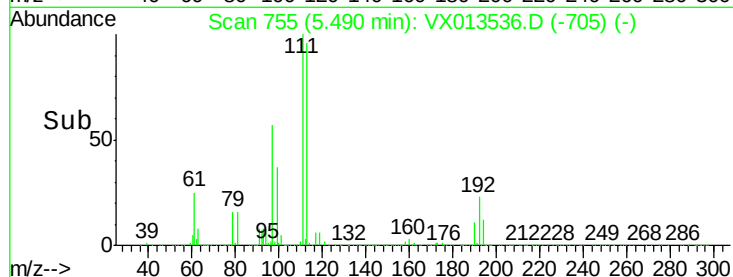
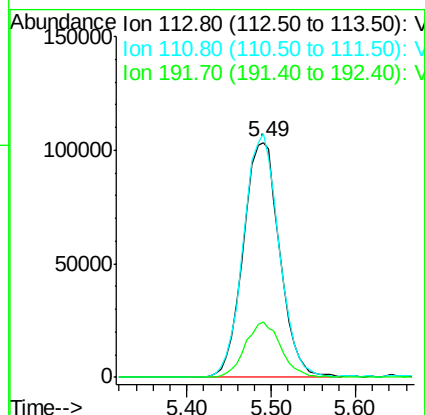
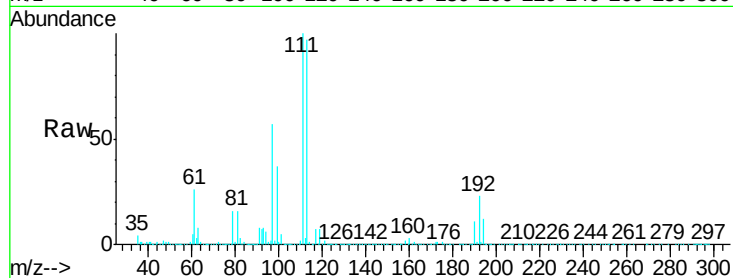




#35
Dibromofluoromethane
Concen: 46.352 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

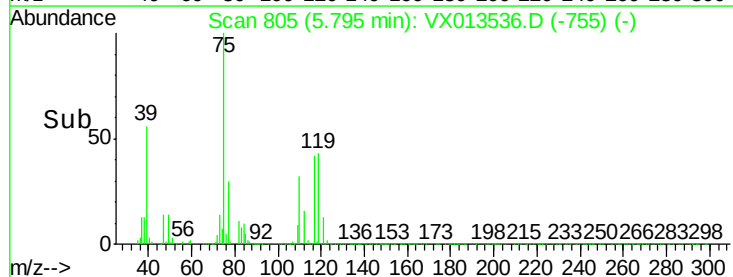
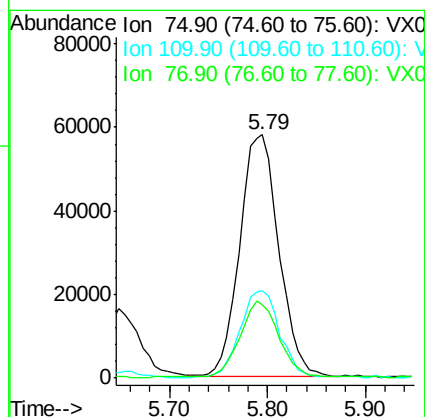
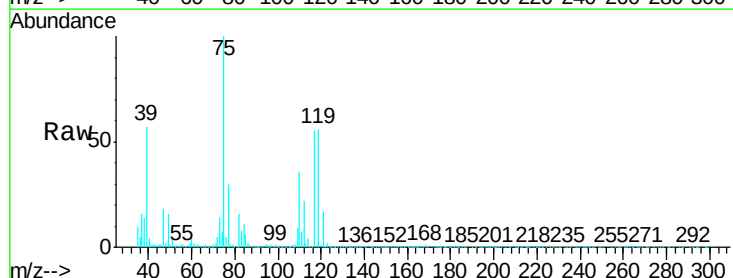
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD02

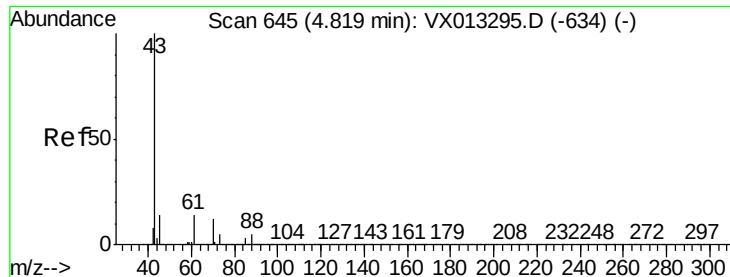
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.9	122.9
192	23.6	19.1	28.7



#36
1,1-Dichloropropene
Concen: 18.040 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.1	54.1
77	30.9	25.0	37.4

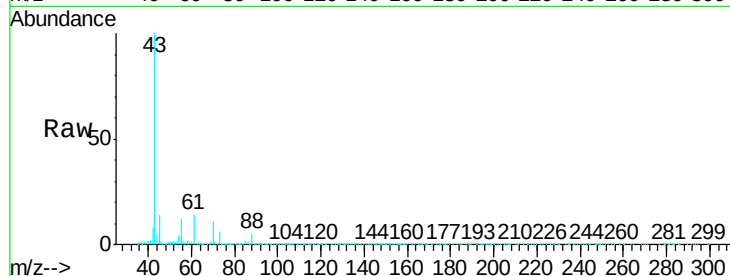




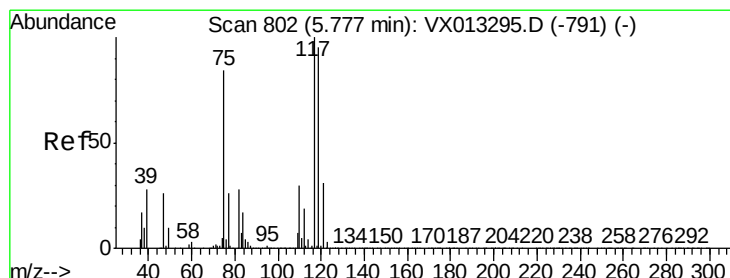
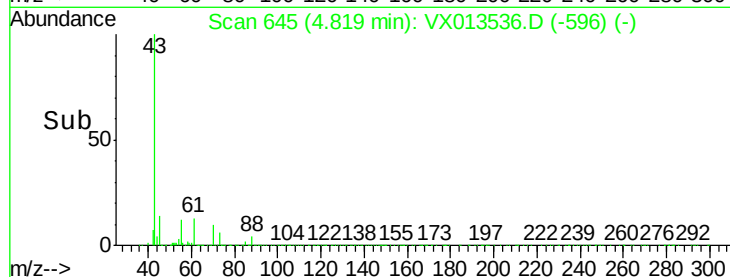
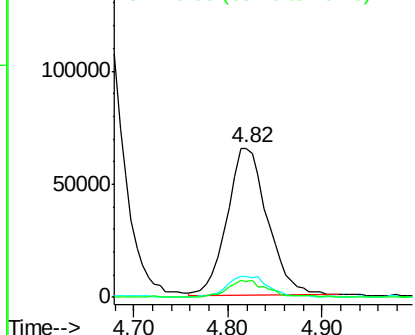
#37
Ethyl Acetate
Concen: 17.579 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.3	10.7	16.1
70	11.3	8.7	13.1

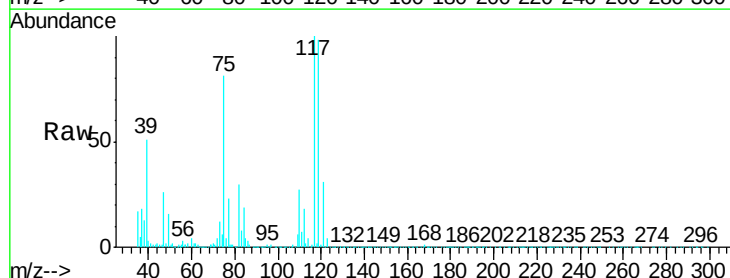


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

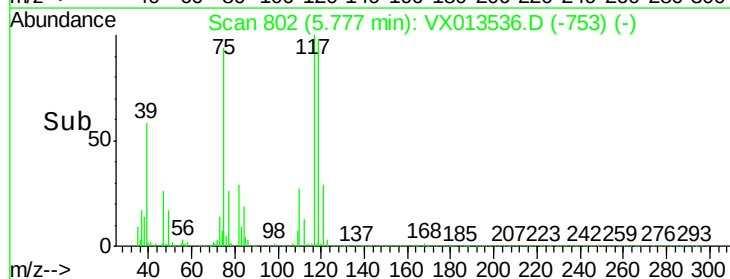
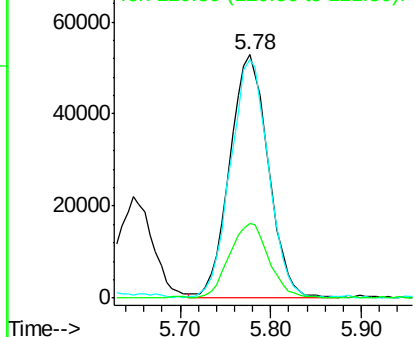


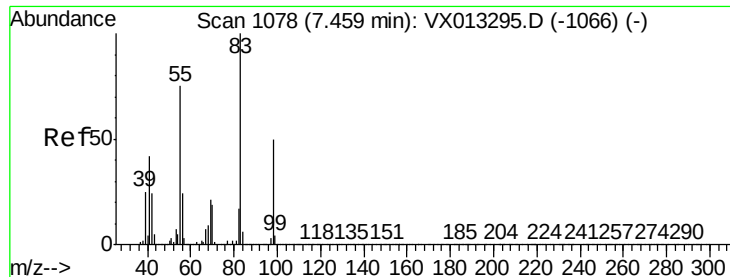
#38
Carbon Tetrachloride
Concen: 17.785 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.1	114.1
121	30.4	24.6	37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

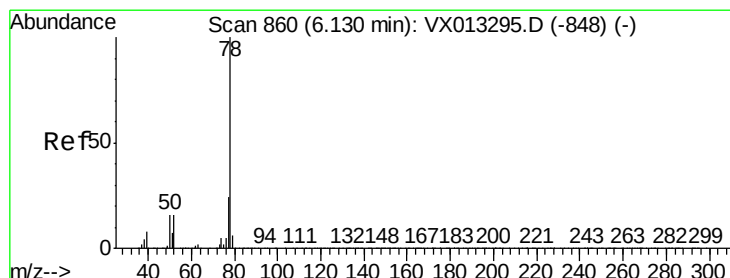
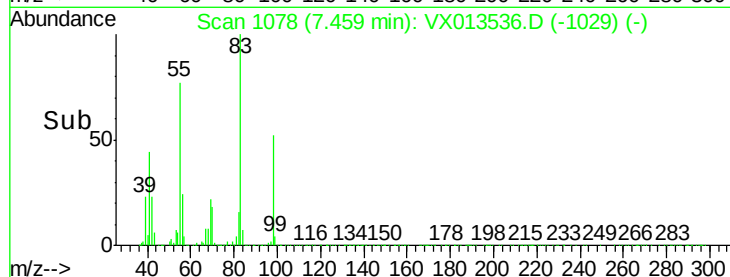
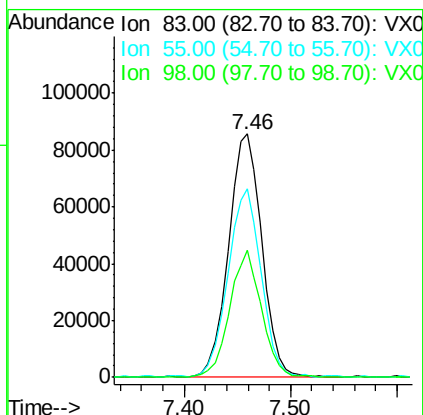
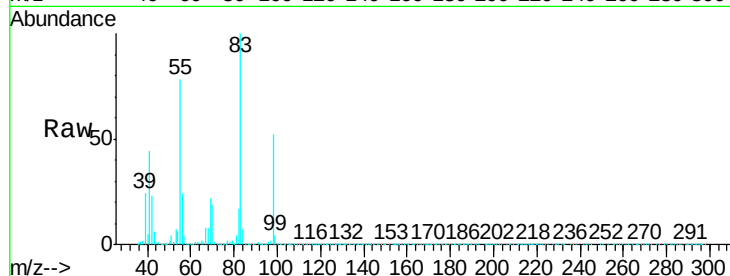




#39
Methylcyclohexane
Concen: 16.840 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

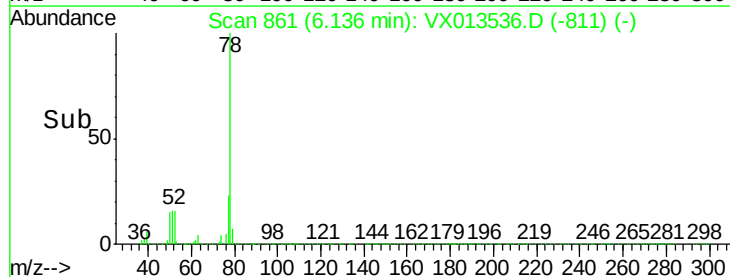
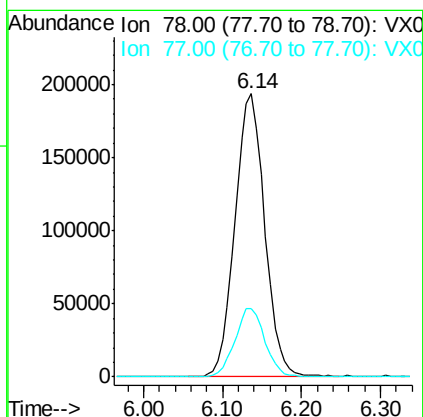
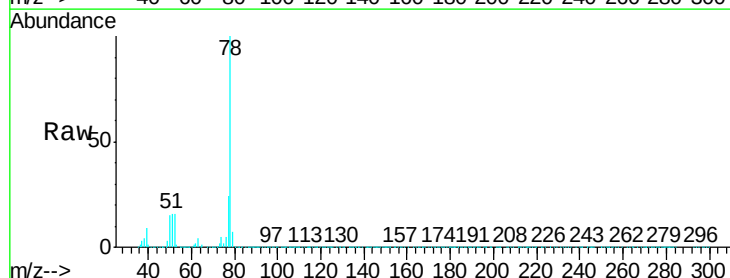
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD02

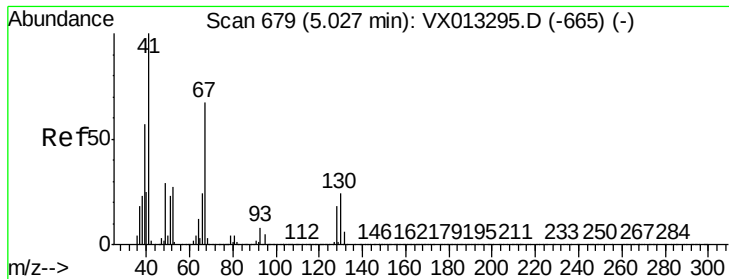
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.5	60.3	90.5
98	52.1	40.3	60.5



#40
Benzene
Concen: 18.302 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.5	29.3

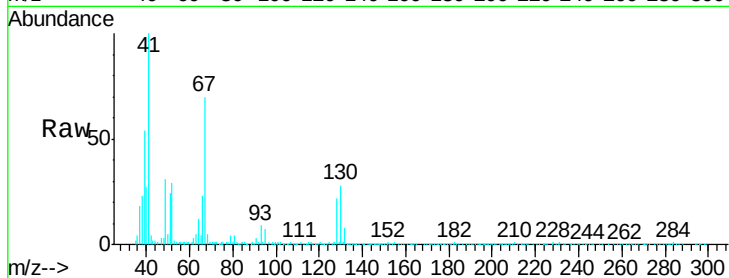




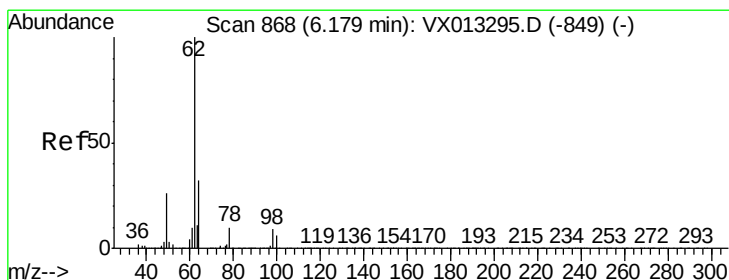
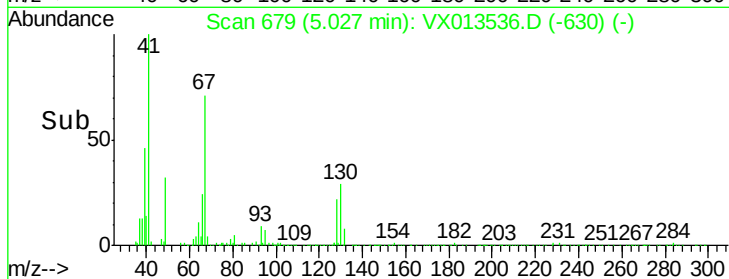
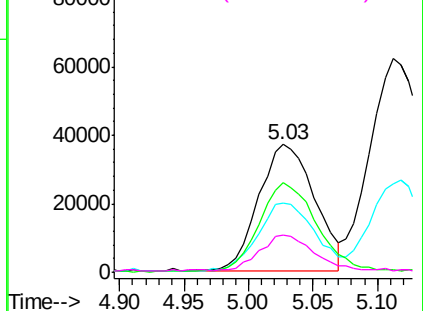
#41
Methacrylonitrile
Concen: 18.058 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD02

Tgt Ion:	41	Resp:	111407
Ion	Ratio	Lower	Upper
41	100		
39	55.7	45.0	67.6
67	71.9	55.4	83.2
52	26.9	23.1	34.7

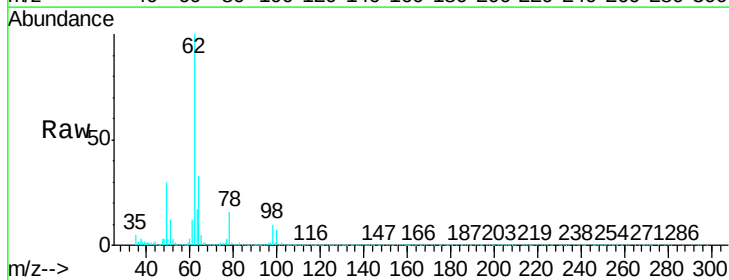


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

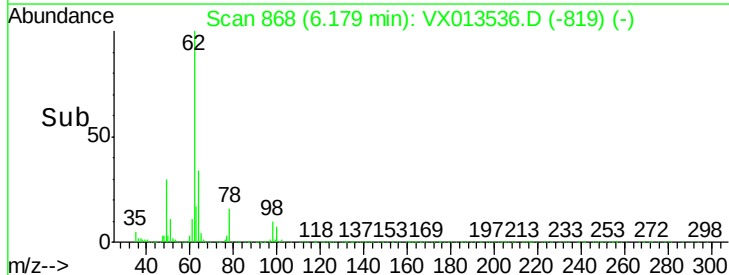
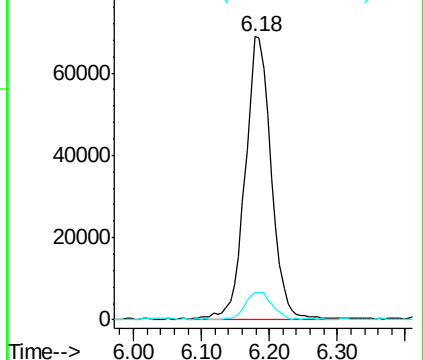


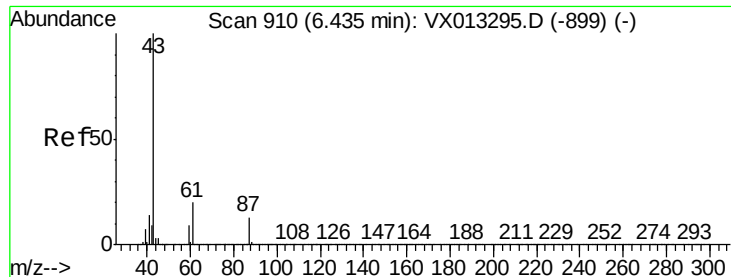
#42
1,2-Dichloroethane
Concen: 18.128 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

Tgt Ion:	62	Resp:	181442
Ion	Ratio	Lower	Upper
62	100		
98	10.1	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: 18.961 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD02

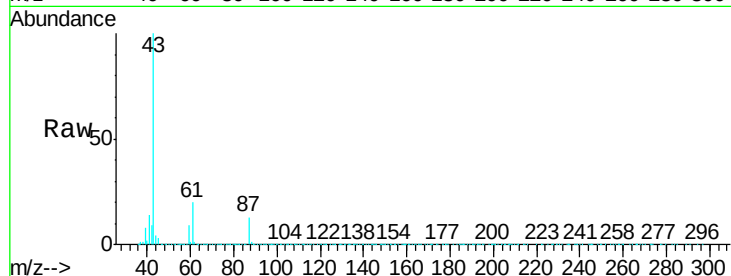
Tgt Ion: 43 Resp: 324995

Ion Ratio Lower Upper

43 100

61 20.0 15.8 23.8

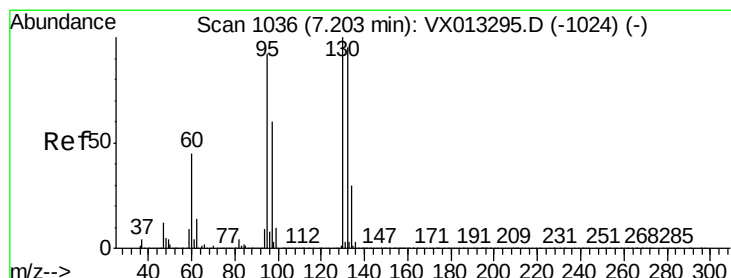
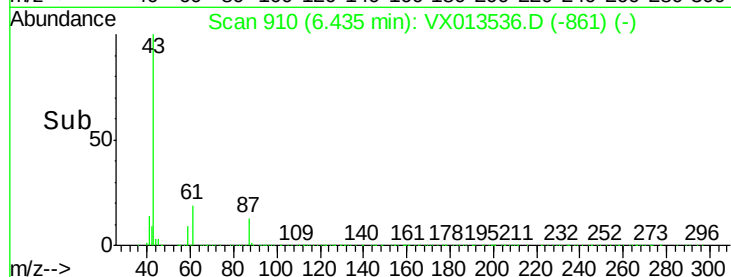
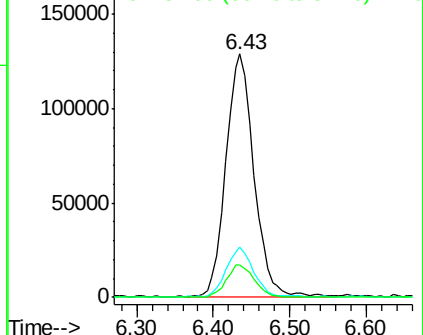
87 13.6 10.4 15.6



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: 18.221 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013536.D

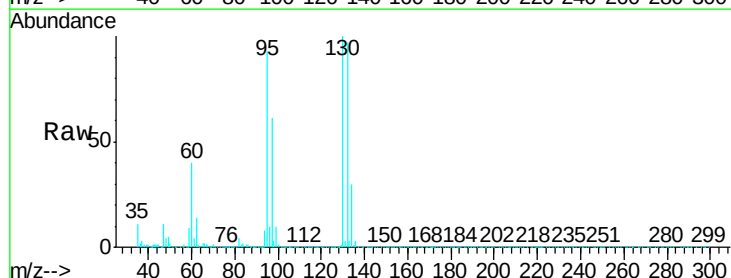
Acq: 22 Nov 2019 16:22

Tgt Ion: 130 Resp: 139176

Ion Ratio Lower Upper

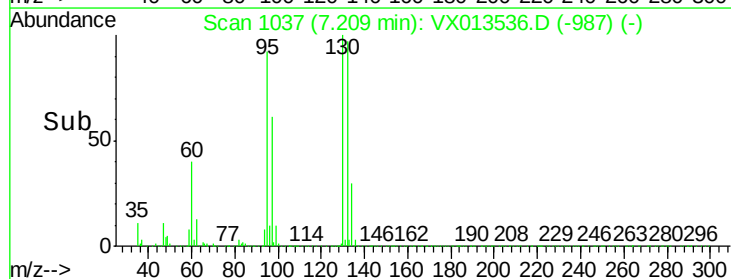
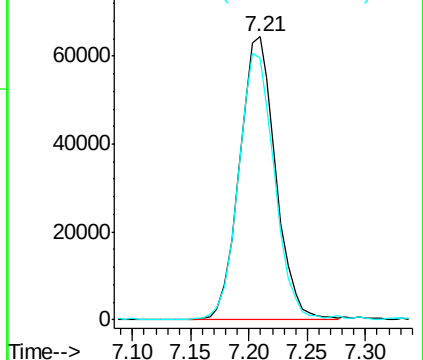
130 100

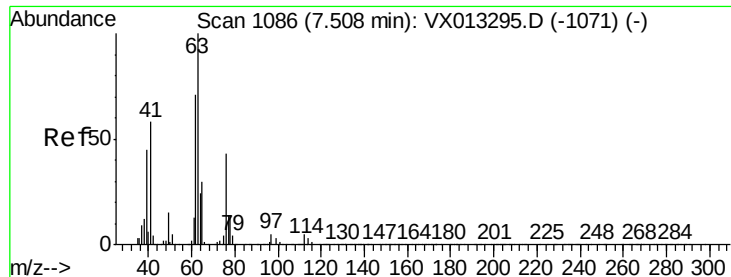
95 92.3 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

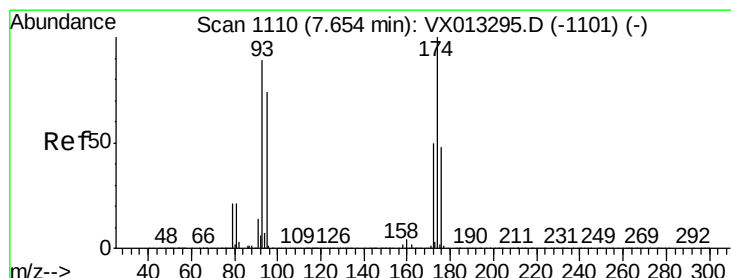
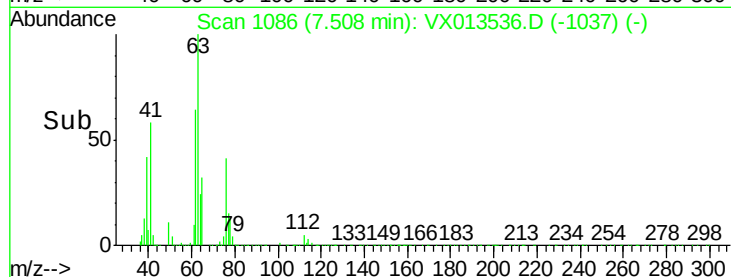
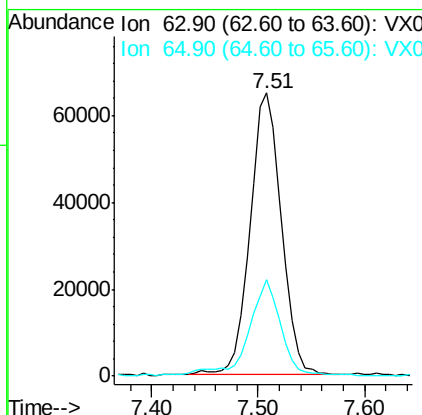
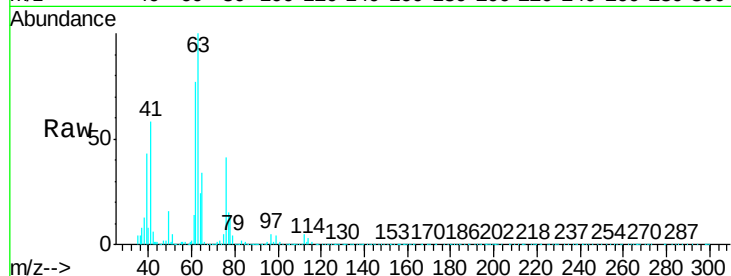




#45
 1,2-Dichloropropane
 Concen: 18.992 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013536.D
 Acq: 22 Nov 2019 16:22

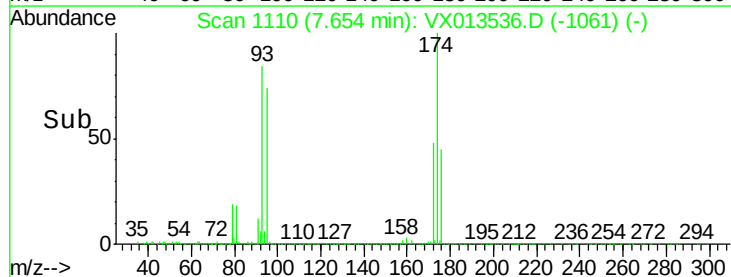
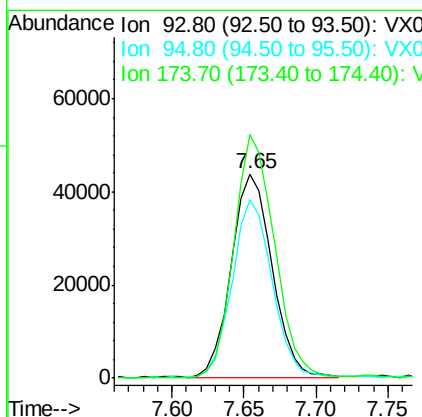
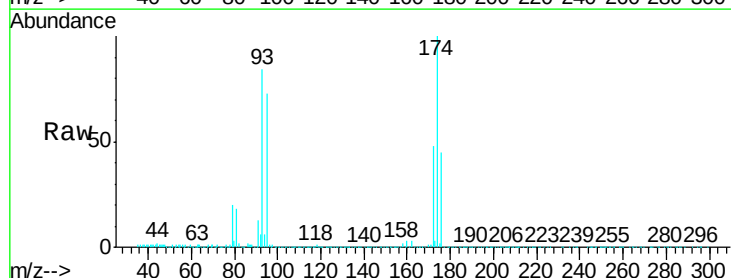
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD02

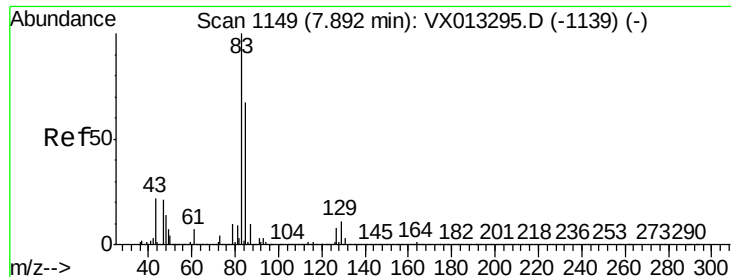
Tgt Ion: 63 Resp: 134275
 Ion Ratio Lower Upper
 63 100
 65 33.6 24.3 36.5



#46
 Dibromomethane
 Concen: 17.817 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013536.D
 Acq: 22 Nov 2019 16:22

Tgt Ion: 93 Resp: 86006
 Ion Ratio Lower Upper
 93 100
 95 86.0 65.8 98.6
 174 119.0 90.4 135.6





#47

Bromodichloromethane

Concen: 18.886 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD02

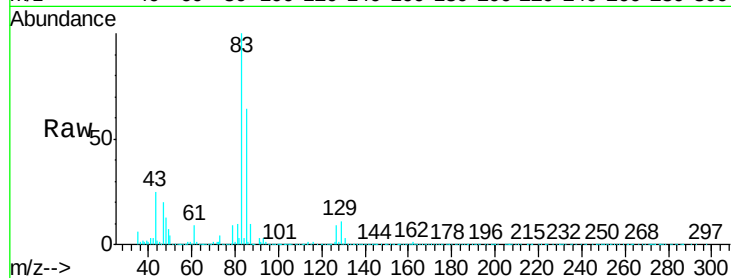
Tgt Ion: 83 Resp: 171912

Ion Ratio Lower Upper

83 100

85 64.2 53.7 80.5

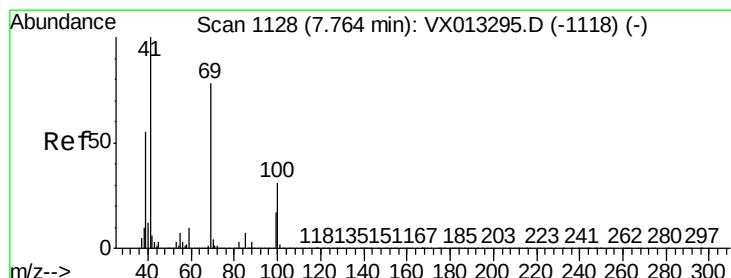
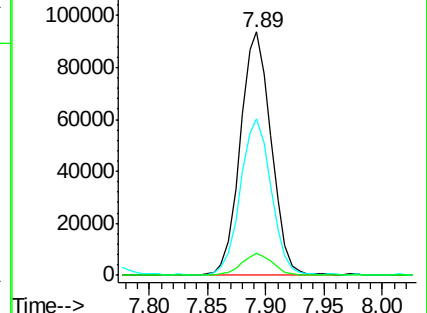
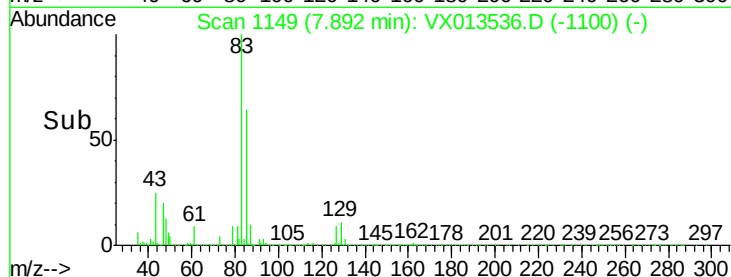
127 9.2 6.4 9.6



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: 18.421 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

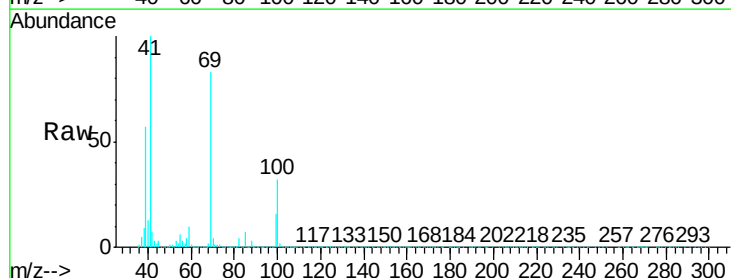
Tgt Ion: 41 Resp: 157611

Ion Ratio Lower Upper

41 100

69 82.0 63.0 94.6

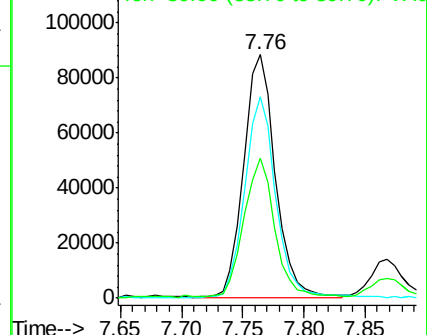
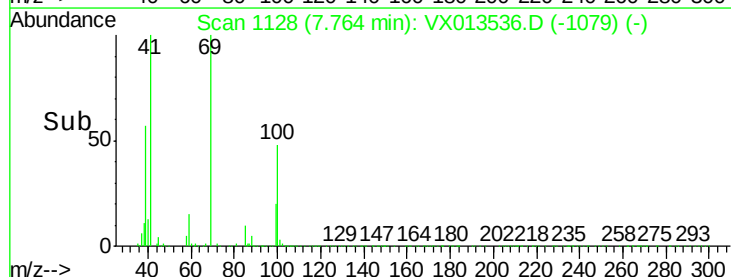
39 55.6 45.9 68.9

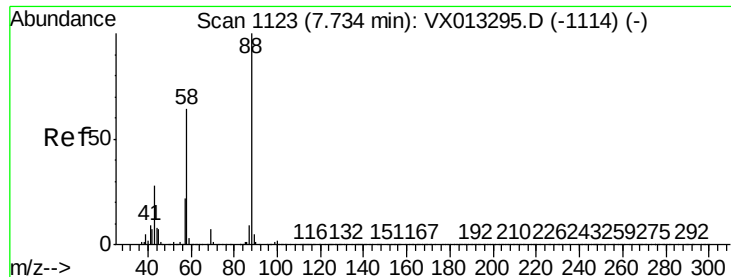


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 316.217 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD02

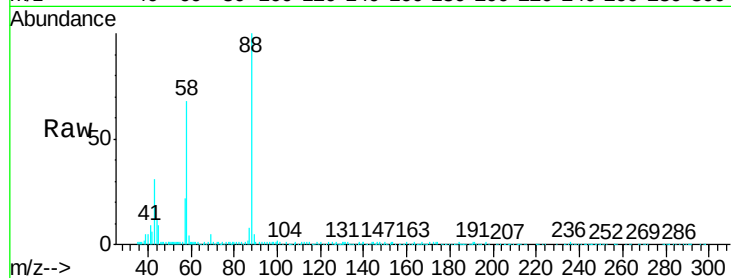
Tgt Ion: 88 Resp: 61960

Ion Ratio Lower Upper

88 100

43 32.3 26.6 39.8

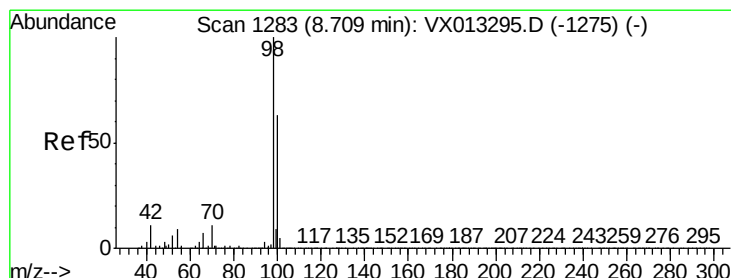
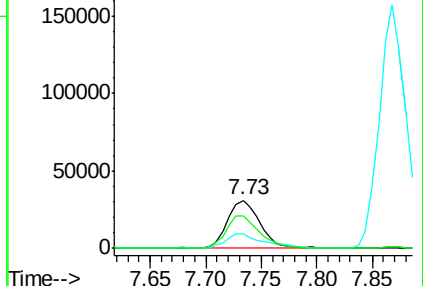
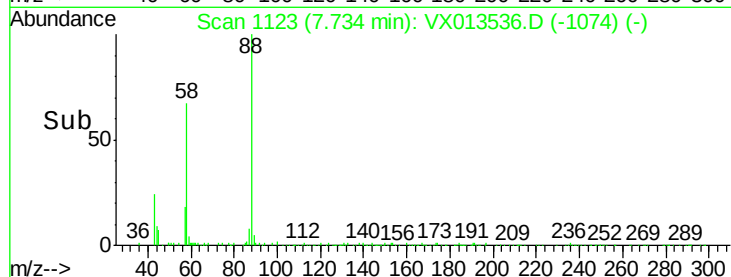
58 68.6 55.0 82.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.263 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013536.D

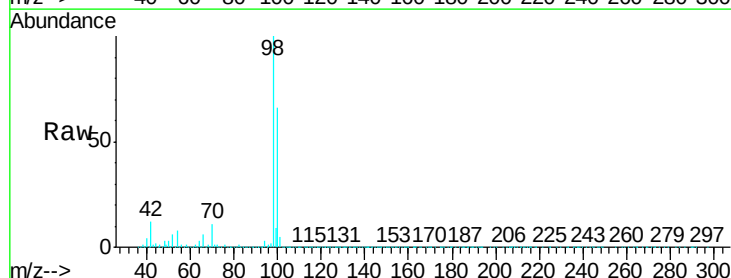
Acq: 22 Nov 2019 16:22

Tgt Ion: 98 Resp: 1135867

Ion Ratio Lower Upper

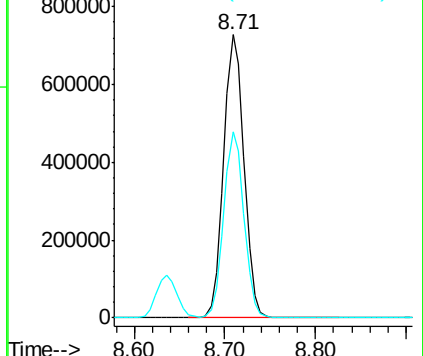
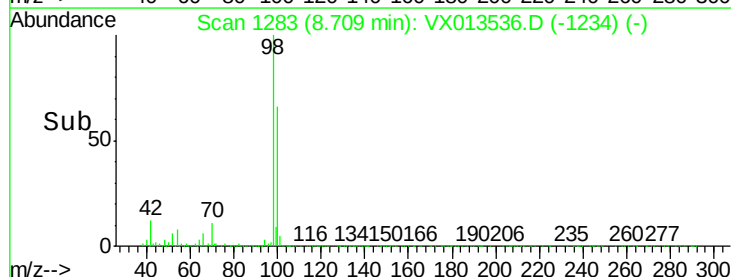
98 100

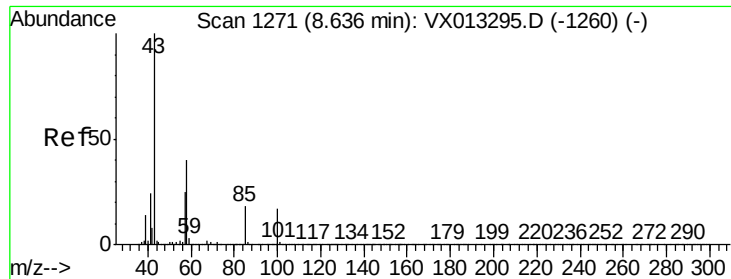
100 65.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

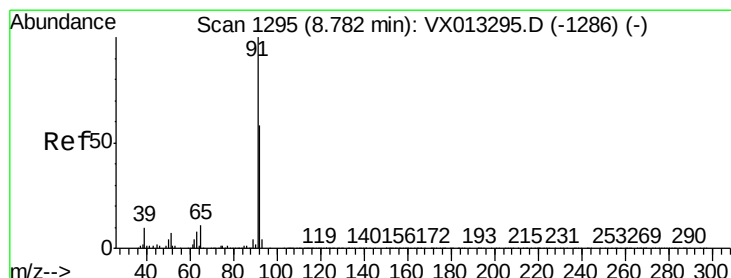
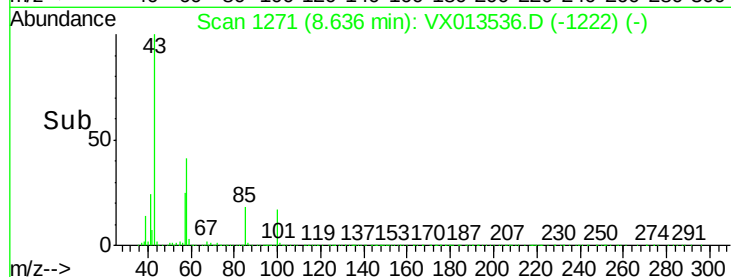
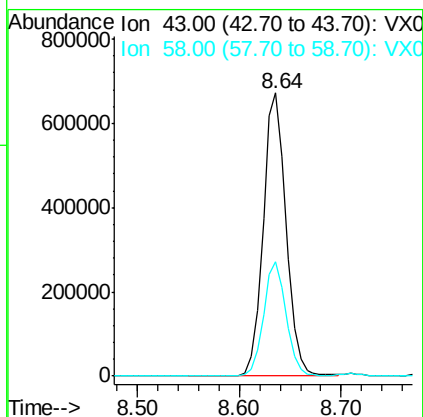
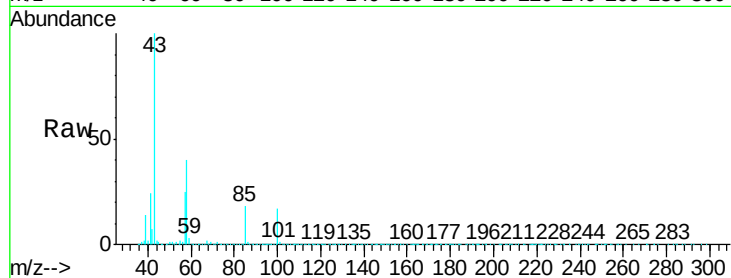




#51
 4-Methyl-2-Pentanone
 Concen: 93.267 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX013536.D
 Acq: 22 Nov 2019 16:22

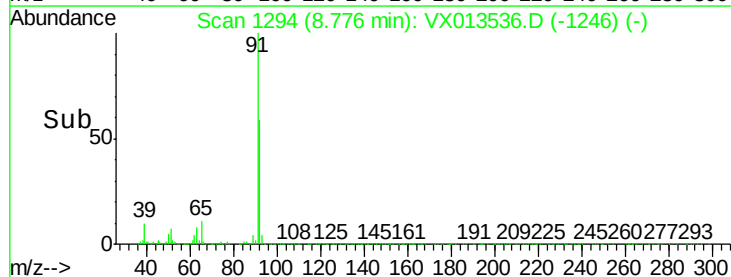
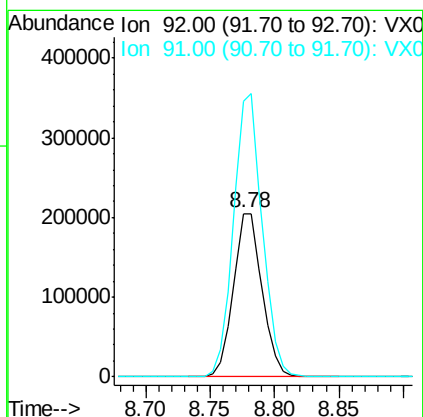
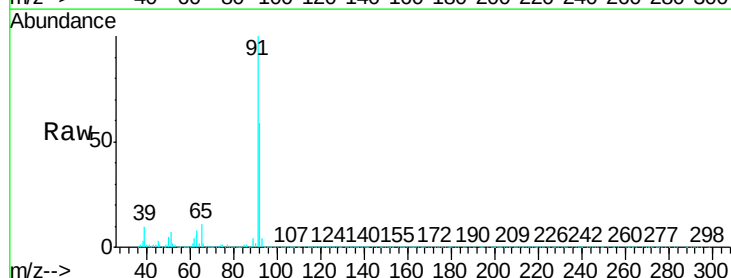
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD02

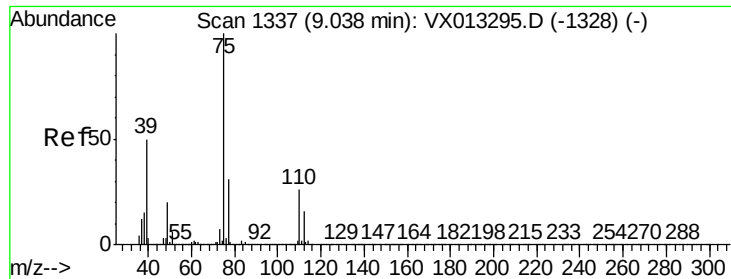
Tgt Ion: 43 Resp: 1048823
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.4 47.0



#52
 Toluene
 Concen: 18.480 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX013536.D
 Acq: 22 Nov 2019 16:22

Tgt Ion: 92 Resp: 317810
 Ion Ratio Lower Upper
 92 100
 91 173.2 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 18.252 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

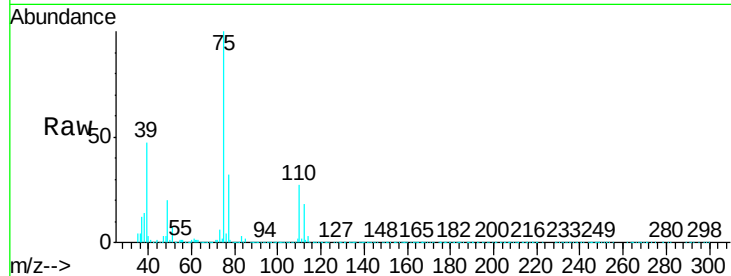
VX1122WBSD02

Tgt Ion: 75 Resp: 181677

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

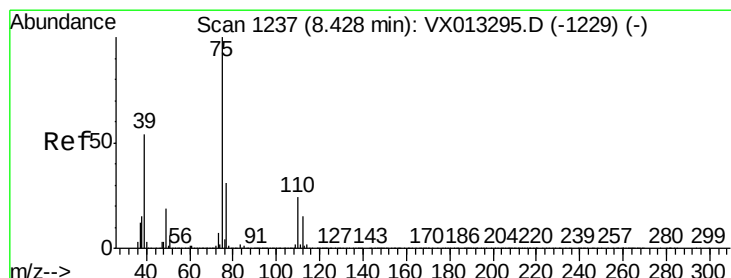
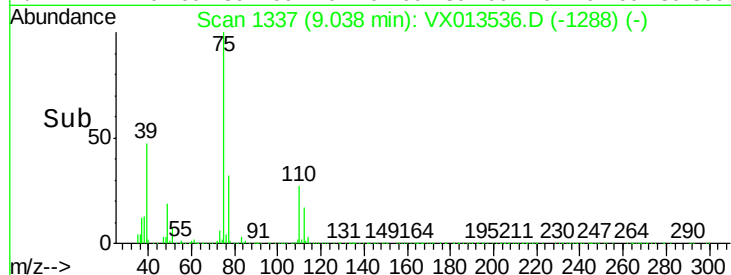
9.04

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.318 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

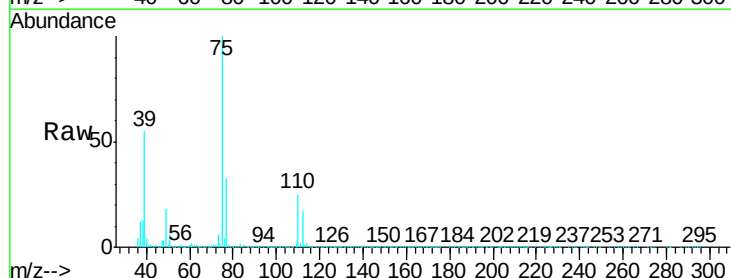
Tgt Ion: 75 Resp: 203958

Ion Ratio Lower Upper

75 100

77 33.3 24.7 37.1

39 54.5 43.0 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

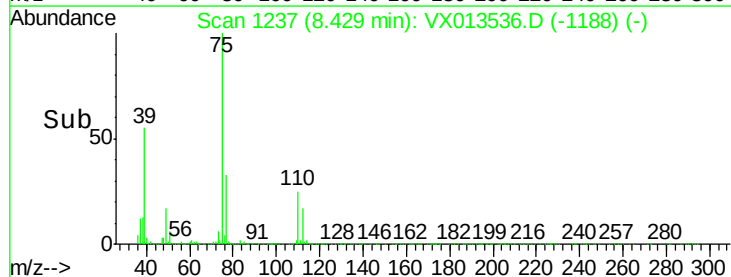
150000

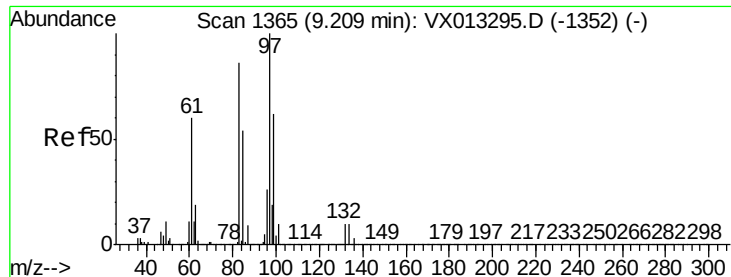
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 19.127 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD02

Tgt Ion: 97 Resp: 136345

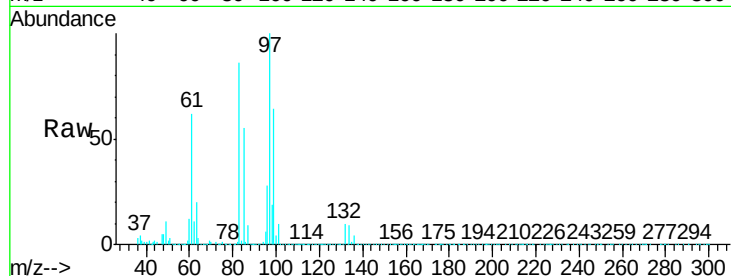
Ion Ratio Lower Upper

97 100

83 85.9 68.6 103.0

85 55.1 43.1 64.7

99 63.4 49.4 74.0

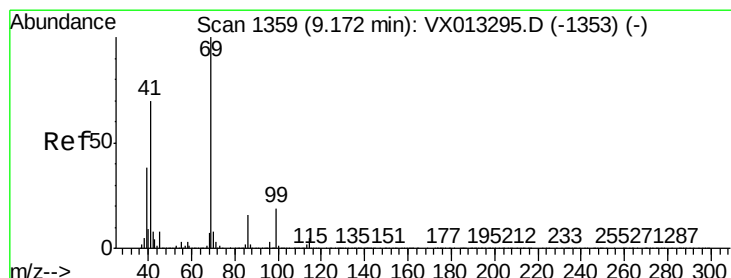
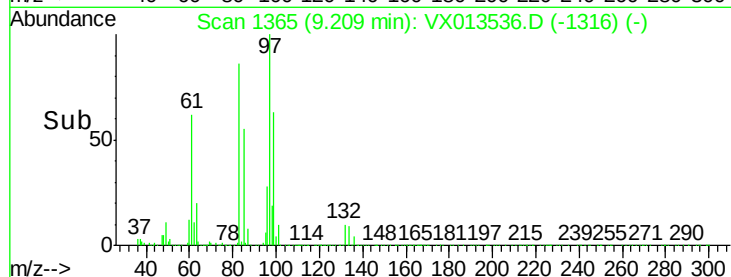
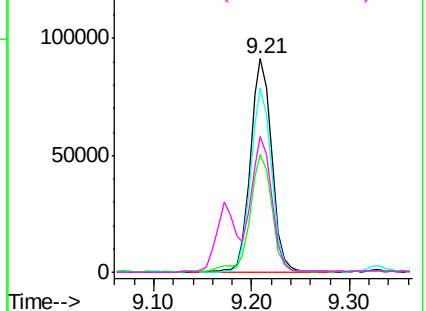


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 18.714 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

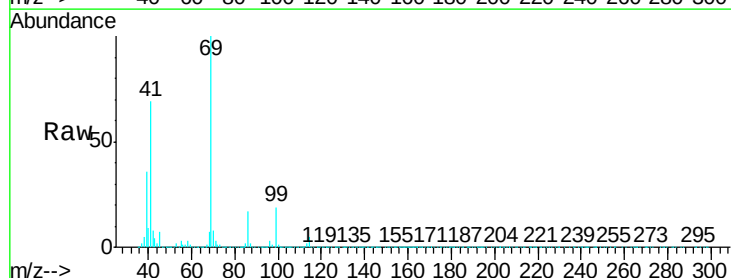
Tgt Ion: 69 Resp: 215458

Ion Ratio Lower Upper

69 100

41 67.7 56.2 84.2

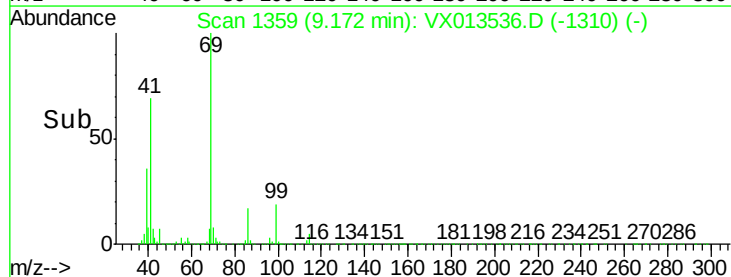
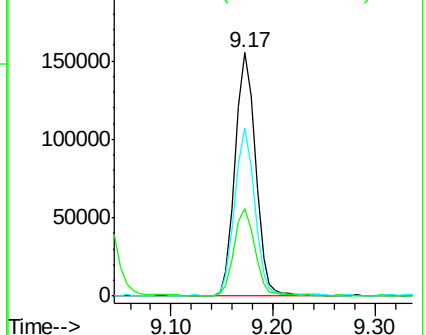
39 35.6 31.1 46.7

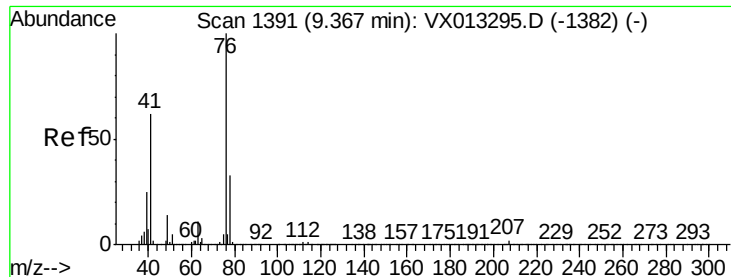


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

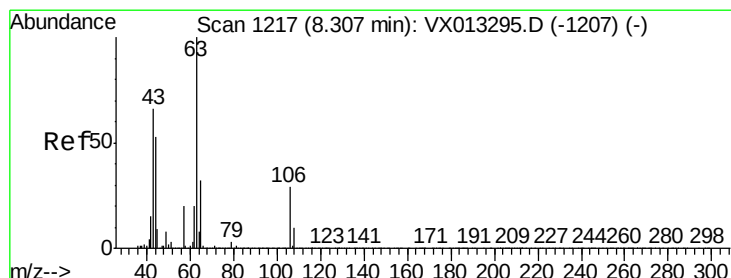
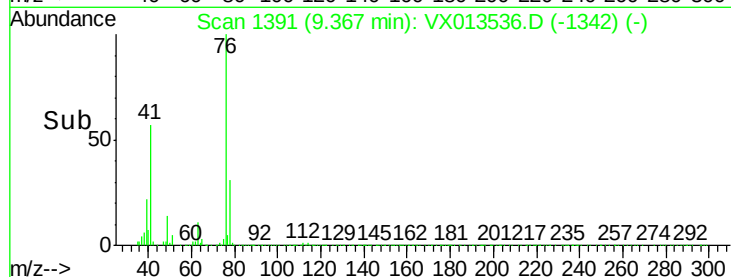
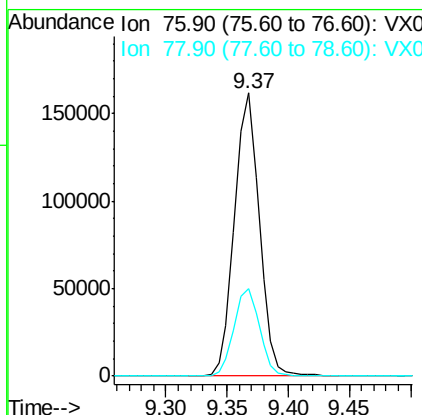
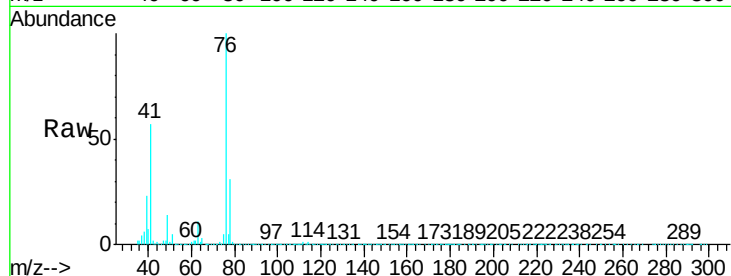




#57
 1,3-Dichloropropane
 Concen: 18.811 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX013536.D
 Acq: 22 Nov 2019 16:22

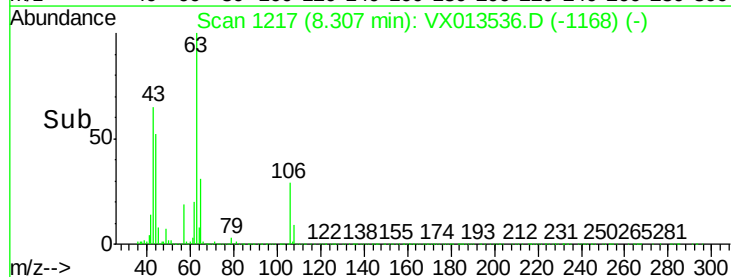
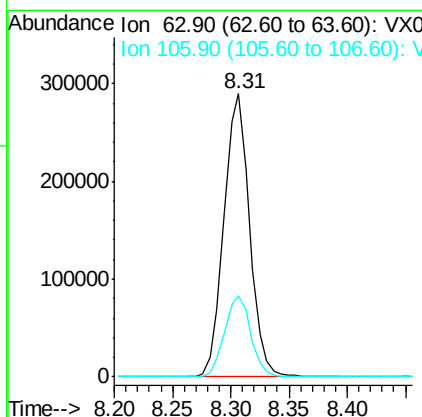
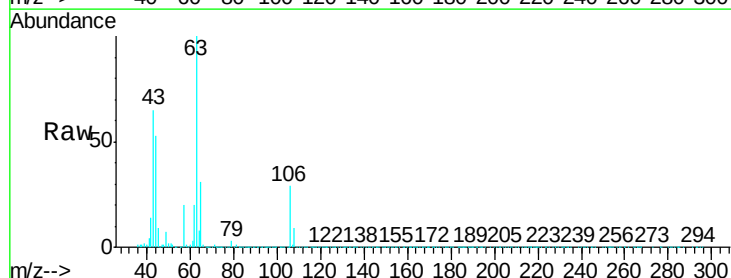
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD02

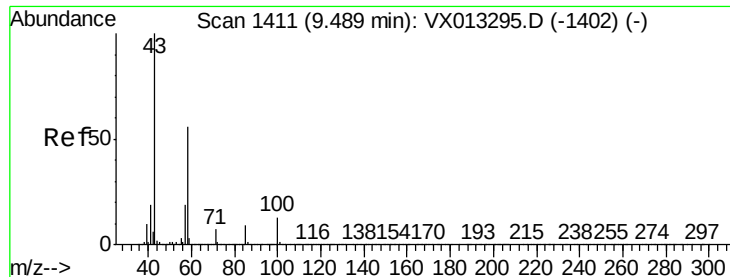
Tgt Ion: 76 Resp: 227621
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.291 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX013536.D
 Acq: 22 Nov 2019 16:22

Tgt Ion: 63 Resp: 440082
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.4 35.2

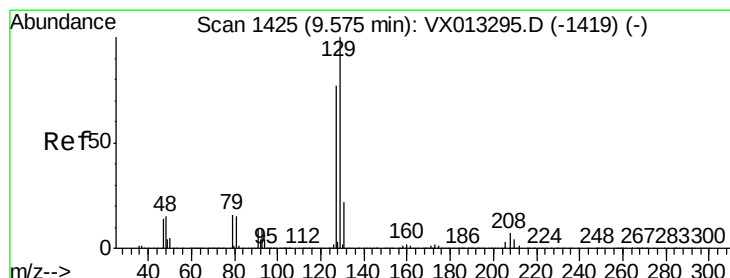
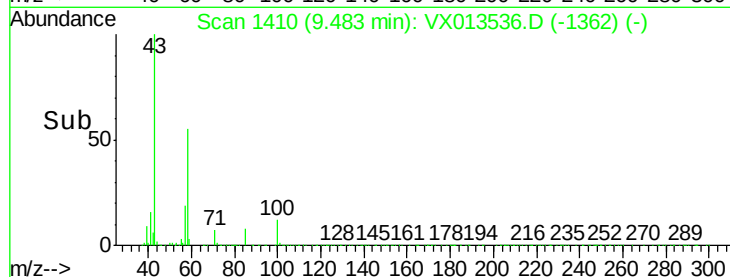
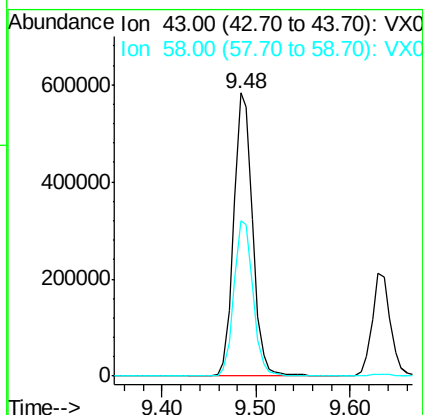
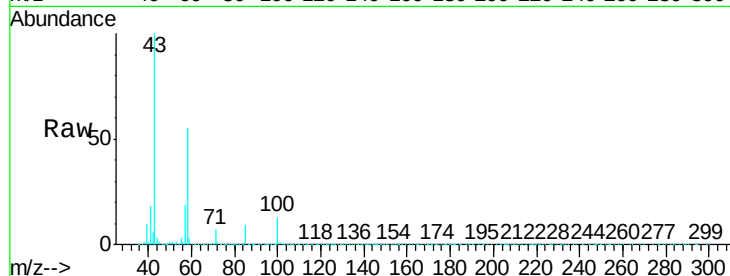




#59
2-Hexanone
Concen: 92.637 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

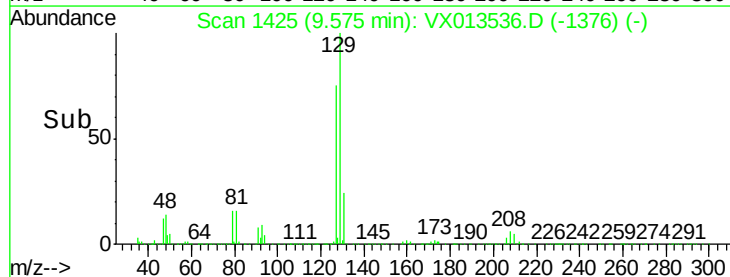
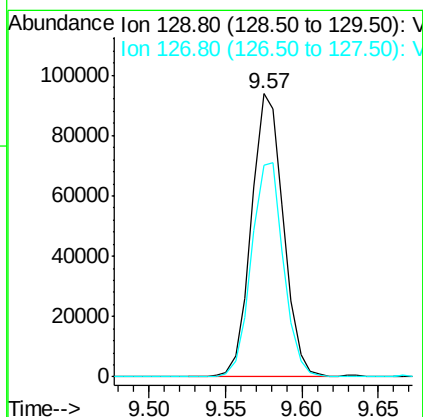
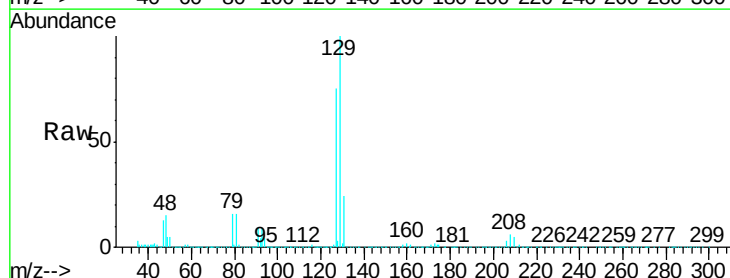
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD02

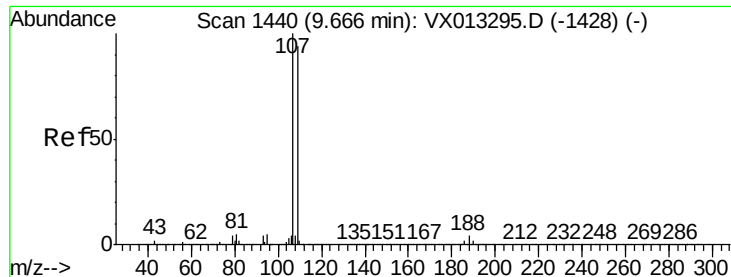
Tgt Ion: 43 Resp: 805035
Ion Ratio Lower Upper
43 100
58 55.9 27.3 81.8



#60
Dibromochloromethane
Concen: 18.635 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

Tgt Ion: 129 Resp: 135858
Ion Ratio Lower Upper
129 100
127 76.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.742 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

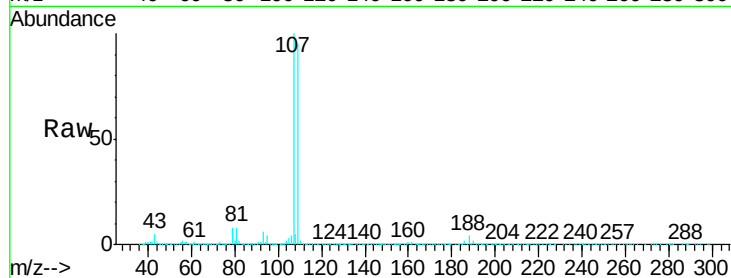
VX1122WBSD02

Tgt Ion: 107 Resp: 141868

Ion Ratio Lower Upper

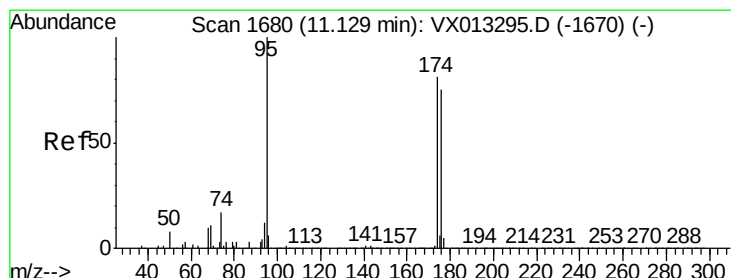
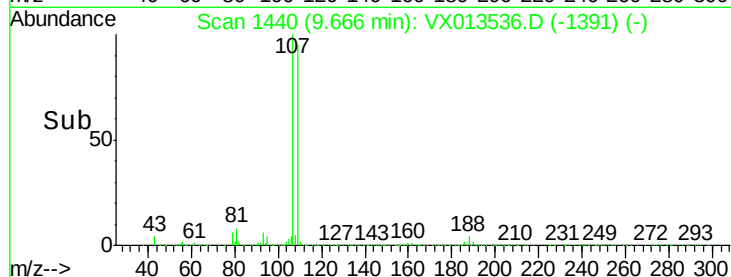
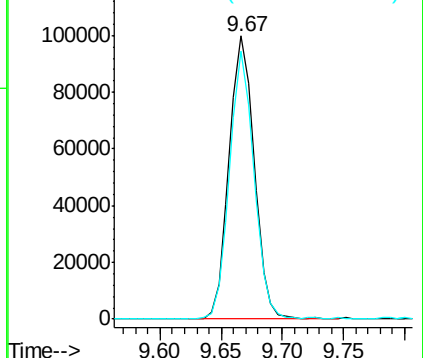
107 100

109 92.0 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.421 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

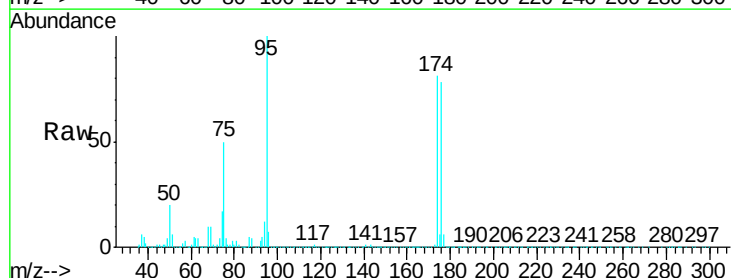
Tgt Ion: 95 Resp: 402480

Ion Ratio Lower Upper

95 100

174 89.6 0.0 179.8

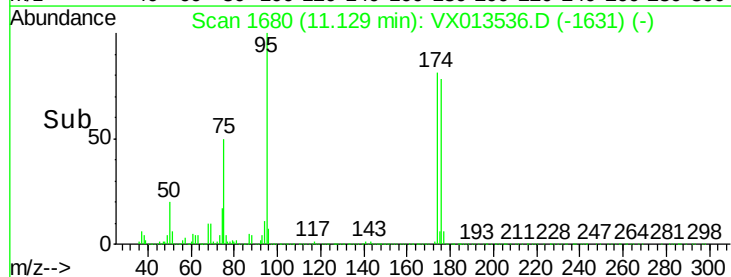
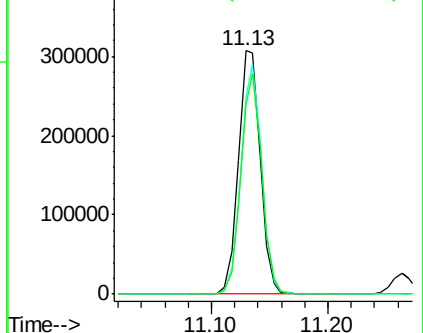
176 86.4 0.0 173.0

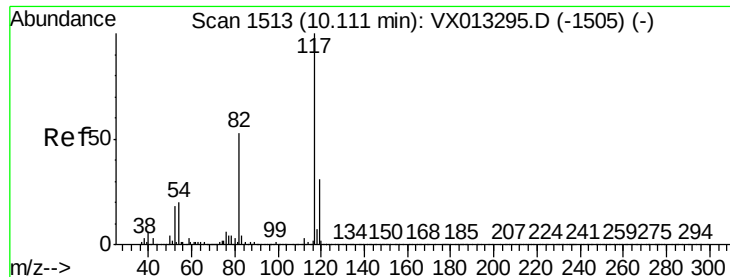


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

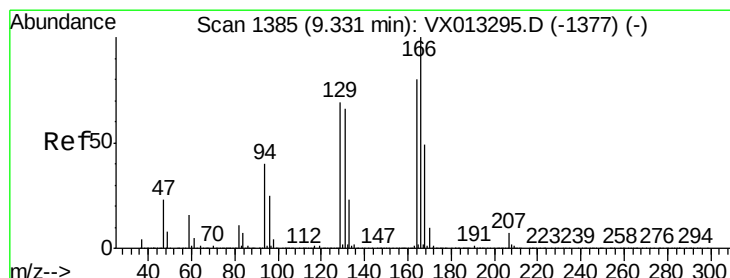
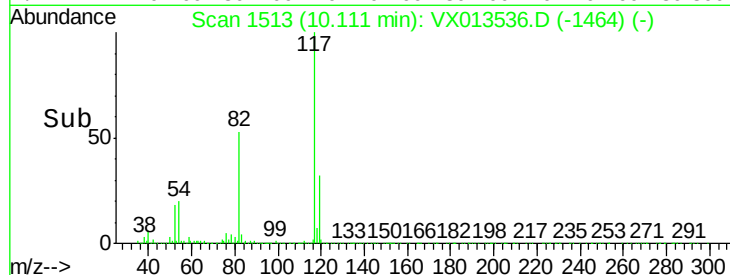
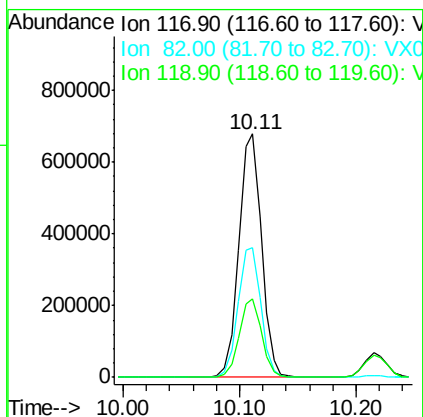
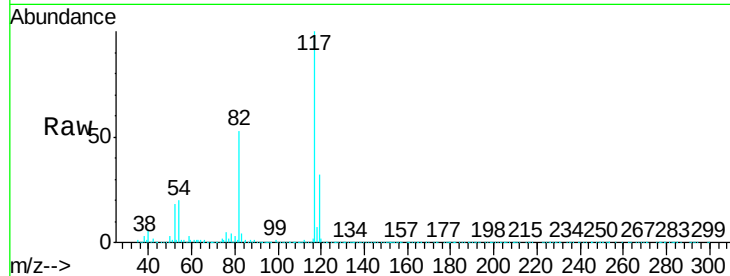




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

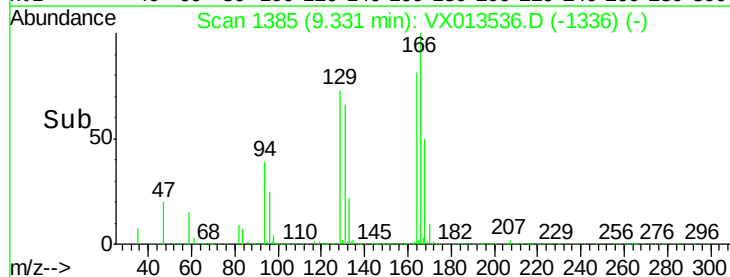
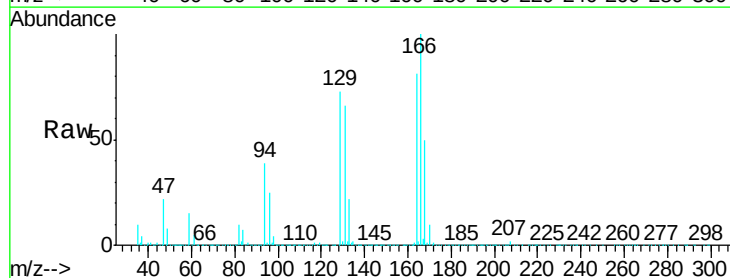
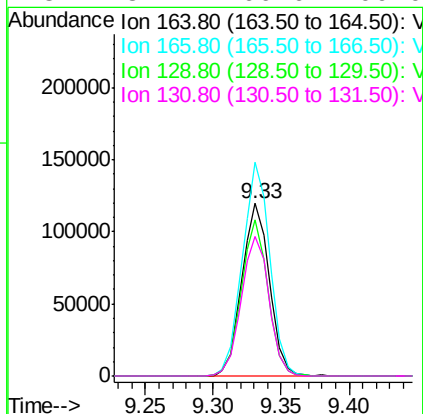
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD02

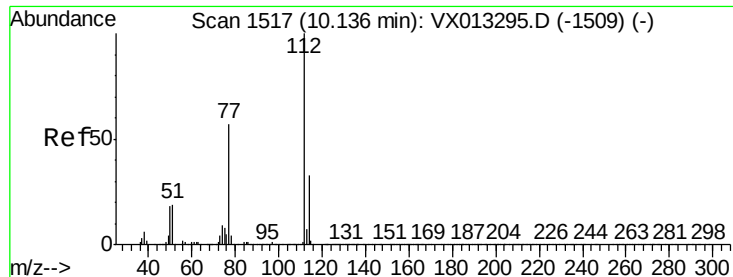
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.6	64.0
119	32.2	24.8	37.2



#64
Tetrachloroethene
Concen: 25.722 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.7	100.4	150.6
129	90.3	69.4	104.2
131	81.2	66.6	100.0





#65

Chlorobenzene

Concen: 18.658 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

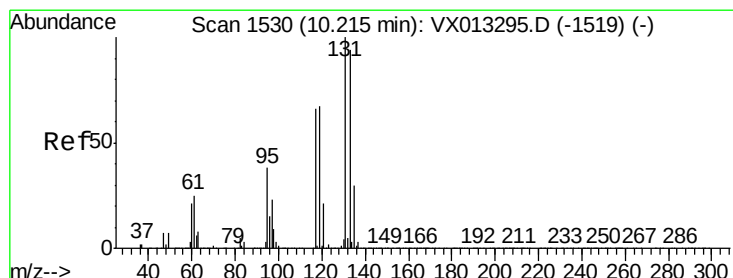
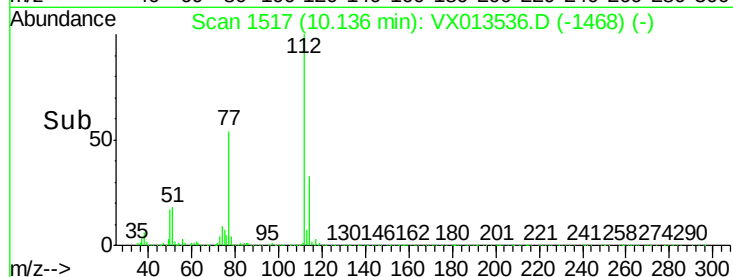
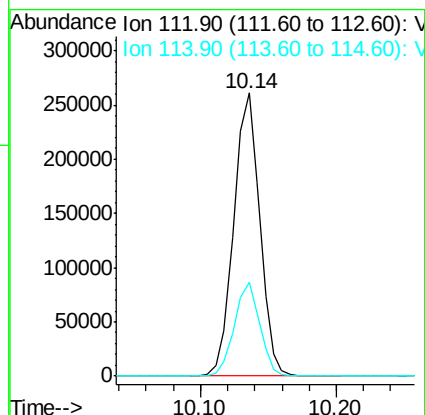
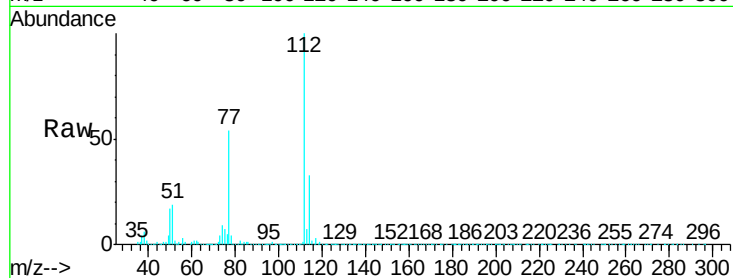
VX1122WBSD02

Tgt Ion:112 Resp: 347339

Ion Ratio Lower Upper

112 100

114 33.1 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.312 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

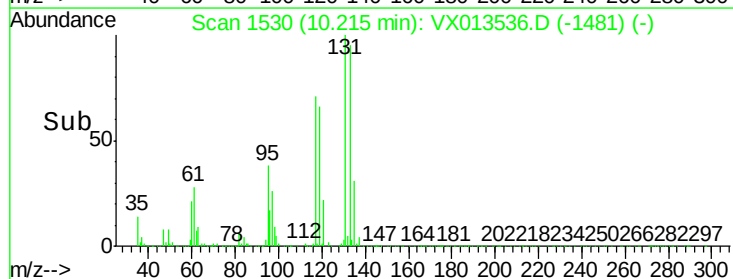
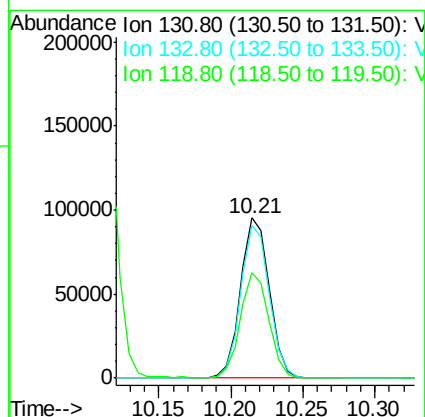
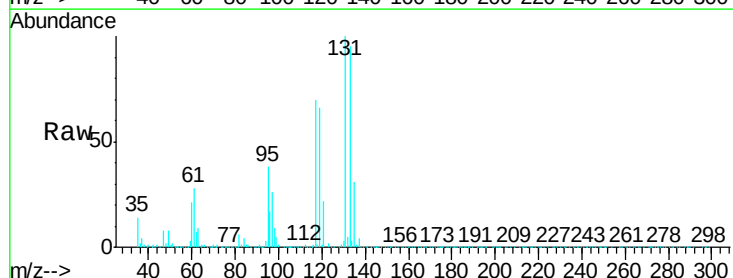
Tgt Ion:131 Resp: 132007

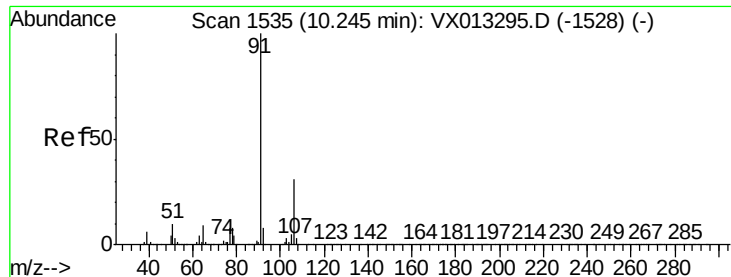
Ion Ratio Lower Upper

131 100

133 94.3 48.0 144.0

119 64.9 33.0 99.0





#67

Ethyl Benzene

Concen: 18.623 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

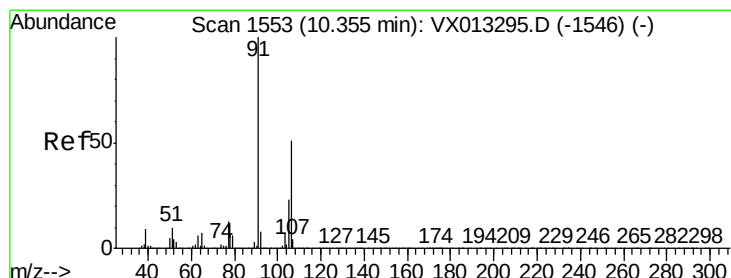
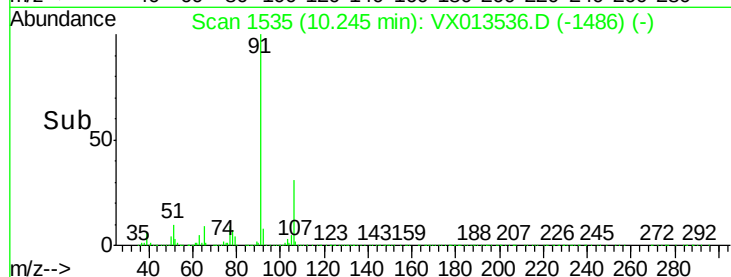
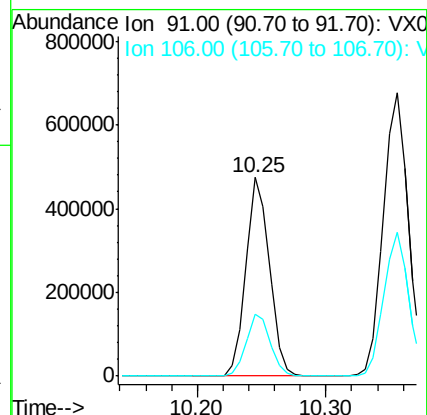
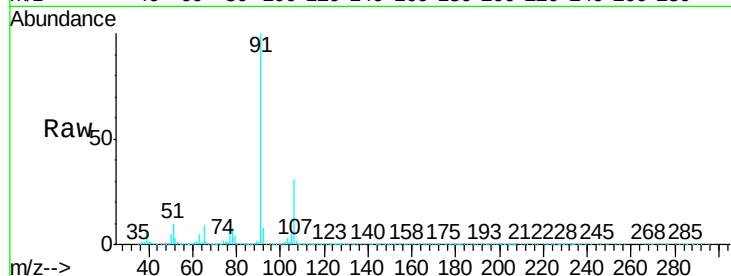
VX1122WBSD02

Tgt Ion: 91 Resp: 598357

Ion Ratio Lower Upper

91 100

106 31.3 24.6 36.8



#68

m/p-Xylenes

Concen: 37.623 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013536.D

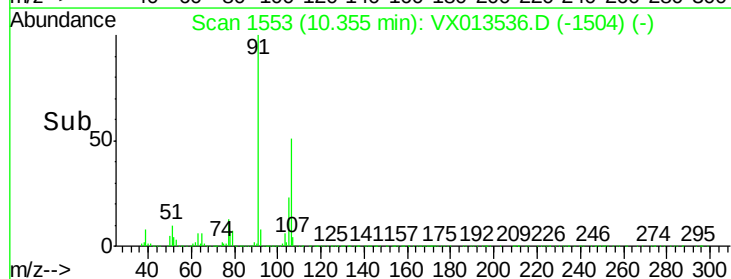
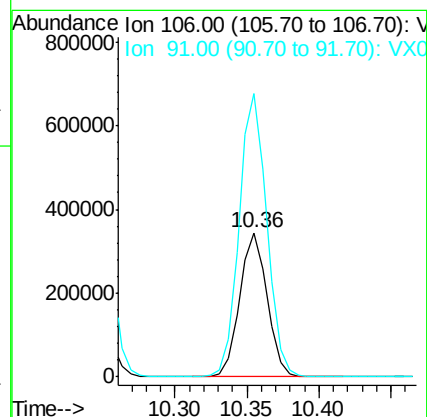
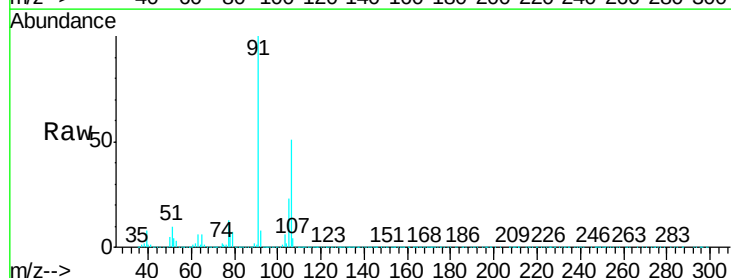
Acq: 22 Nov 2019 16:22

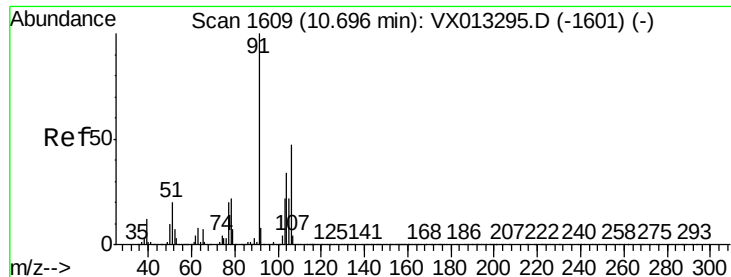
Tgt Ion: 106 Resp: 457167

Ion Ratio Lower Upper

106 100

91 198.1 159.3 238.9

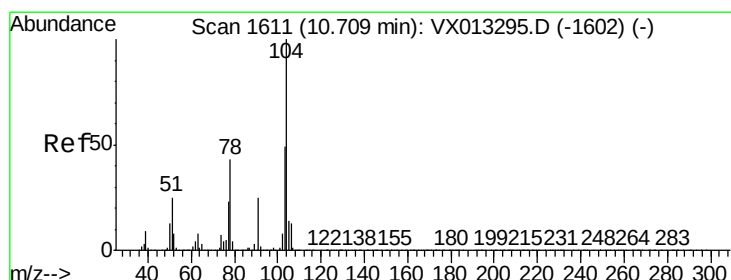
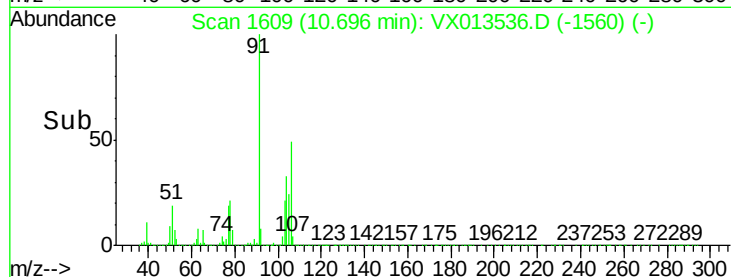
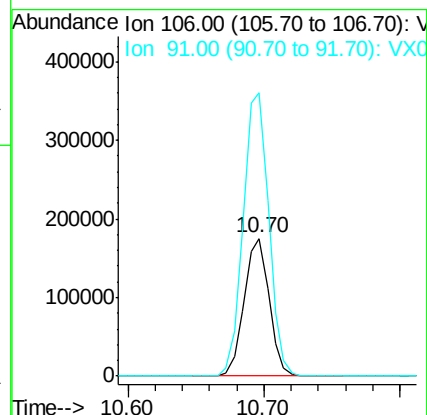
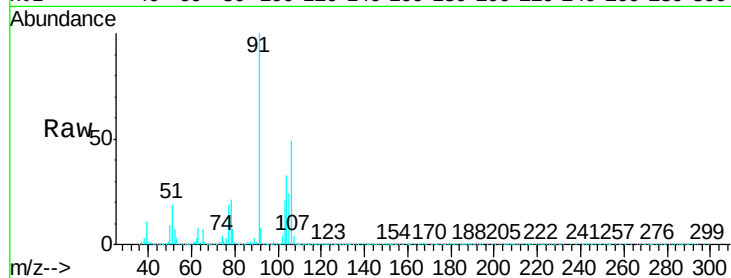




#69
o-Xylene
Concen: 18.960 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

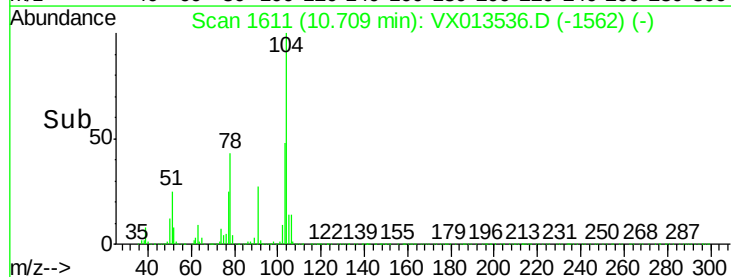
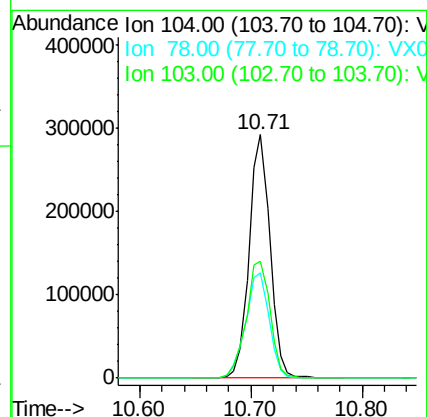
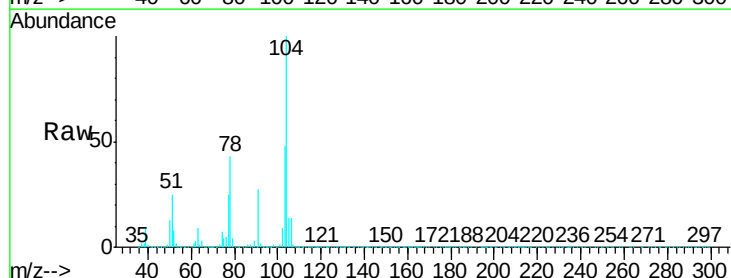
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD02

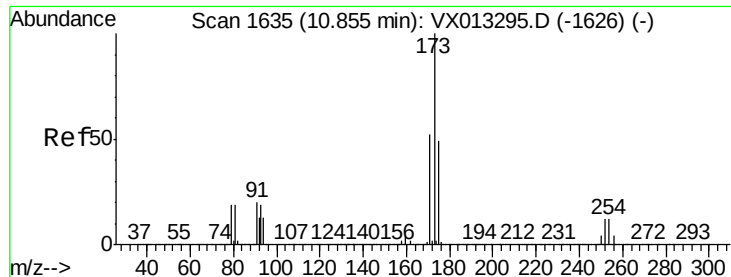
Tgt Ion:106 Resp: 225559
Ion Ratio Lower Upper
106 100
91 209.3 105.7 317.0



#70
Styrene
Concen: 19.068 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

Tgt Ion:104 Resp: 379203
Ion Ratio Lower Upper
104 100
78 49.5 40.0 60.0
103 55.1 44.1 66.1





#71

Bromoform

Concen: 18.365 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD02

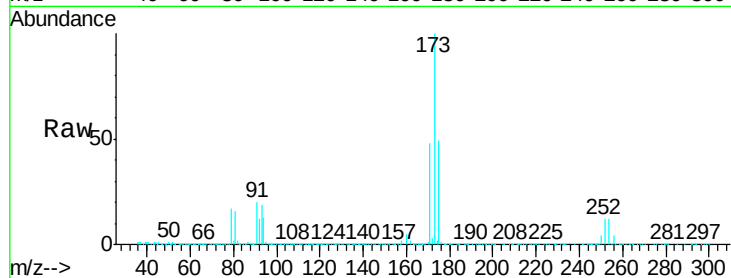
Tgt Ion:173 Resp: 102672

Ion Ratio Lower Upper

173 100

175 50.9 24.8 74.4

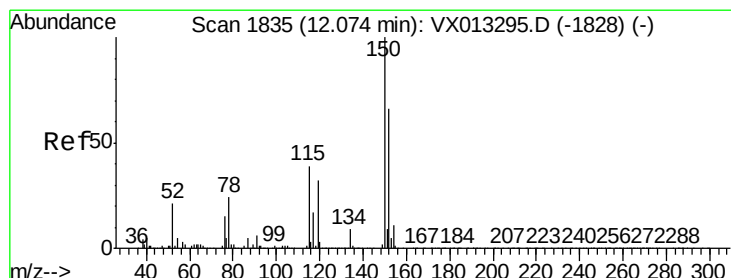
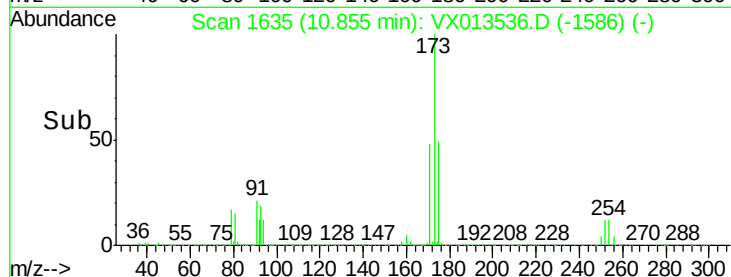
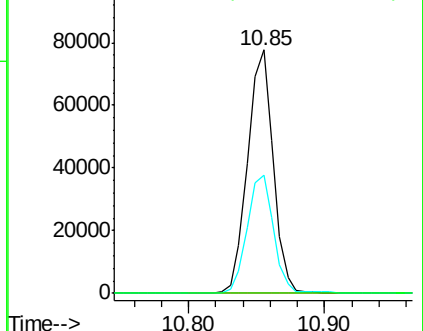
254 0.3 0.2 0.2#



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: VX013536.D

Acq: 22 Nov 2019 16:22

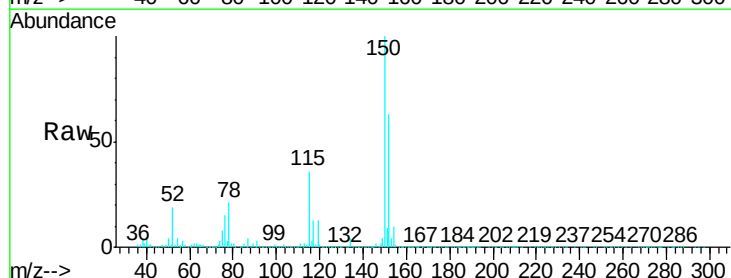
Tgt Ion:152 Resp: 447809

Ion Ratio Lower Upper

152 100

115 63.8 39.5 118.3

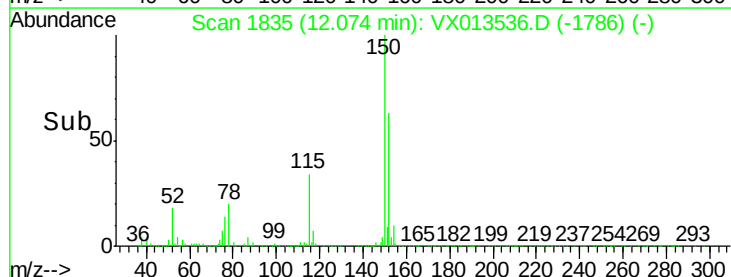
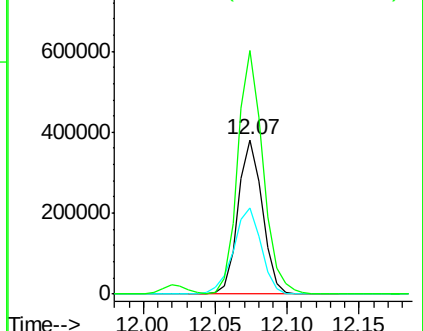
150 164.2 0.0 344.4

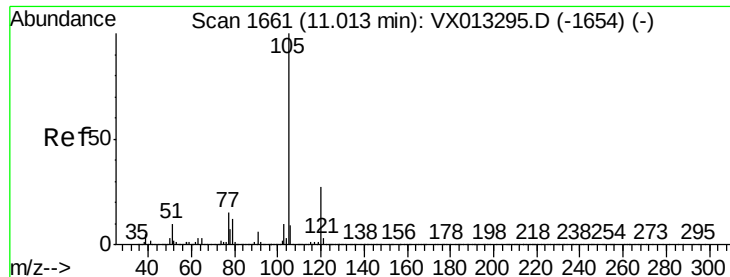


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

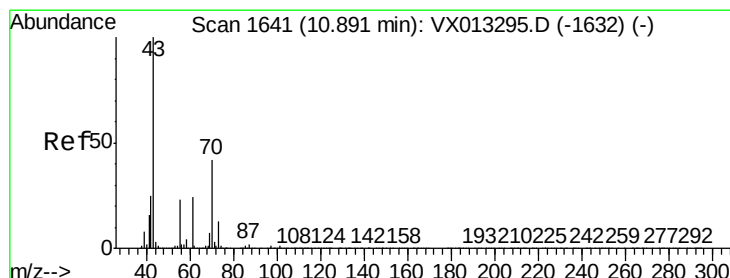
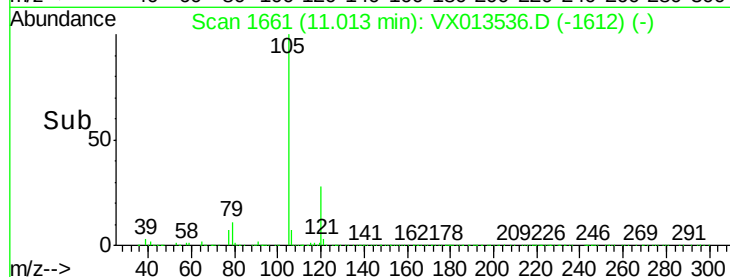
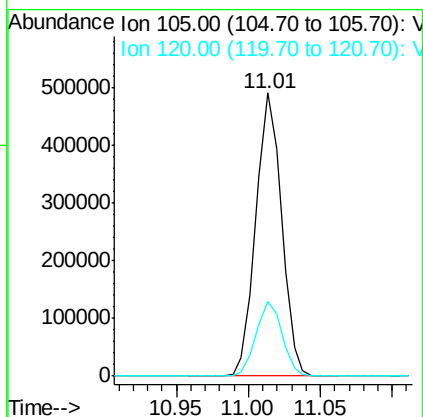
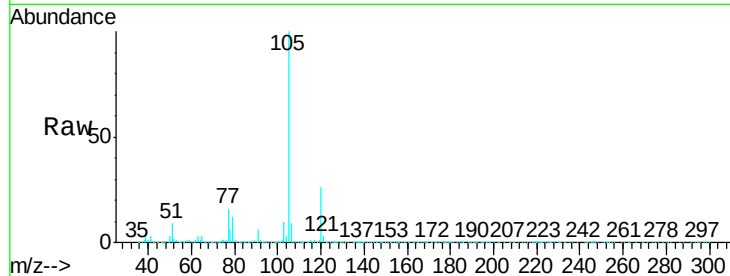




#73
Isopropylbenzene
Concen: 20.305 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

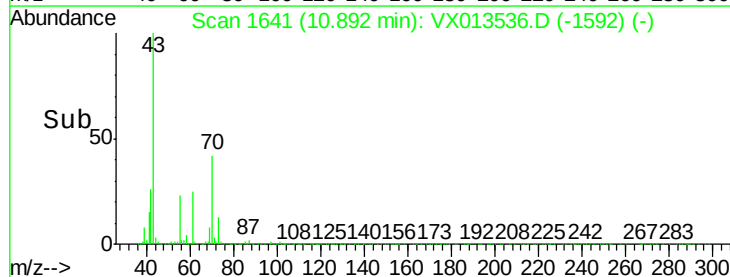
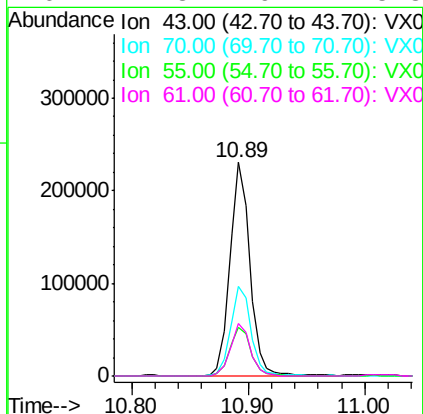
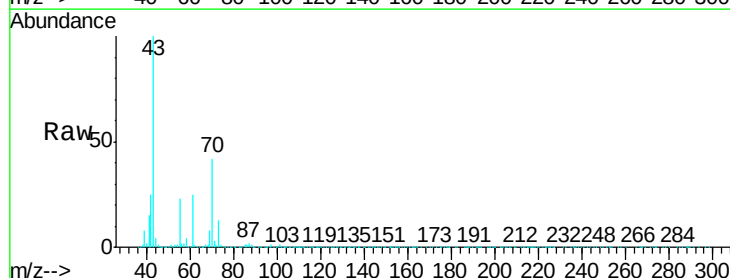
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD02

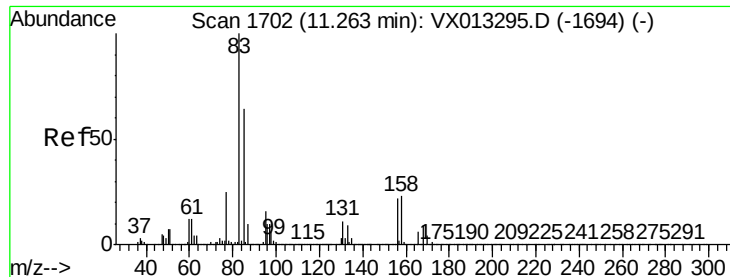
Tgt Ion: 105 Resp: 602849
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.5



#74
N-ethyl acetate
Concen: 19.956 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

Tgt Ion: 43 Resp: 274755
Ion Ratio Lower Upper
43 100
70 42.9 34.1 51.1
55 24.2 18.9 28.3
61 24.3 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.837 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD02

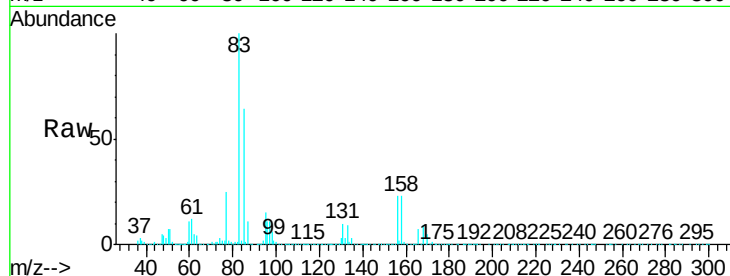
Tgt Ion: 83 Resp: 214860

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

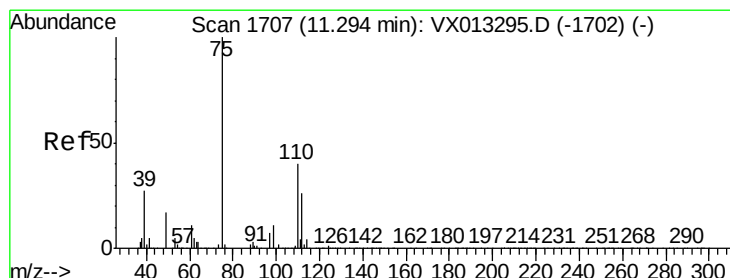
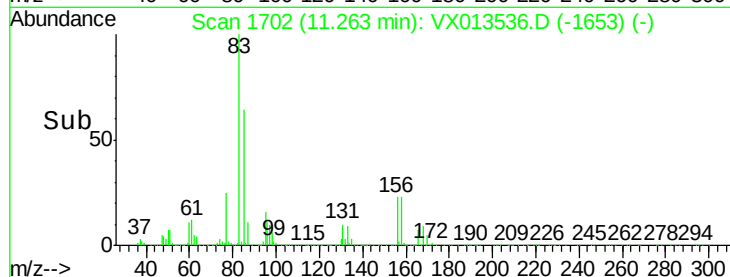
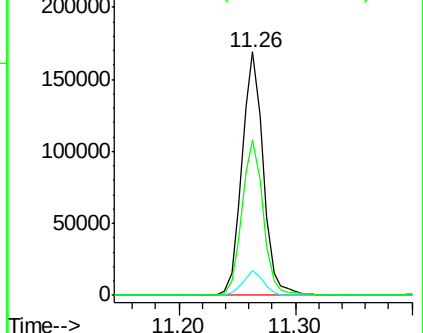
85 63.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.769 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013536.D

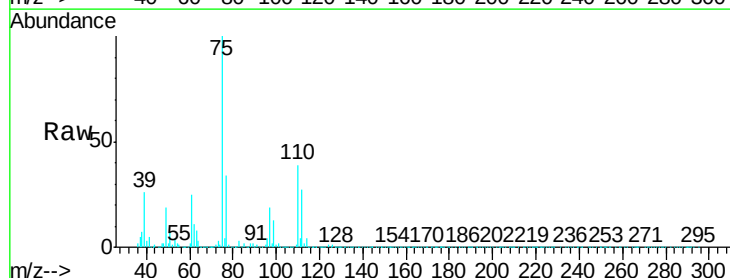
Acq: 22 Nov 2019 16:22

Tgt Ion: 75 Resp: 234385

Ion Ratio Lower Upper

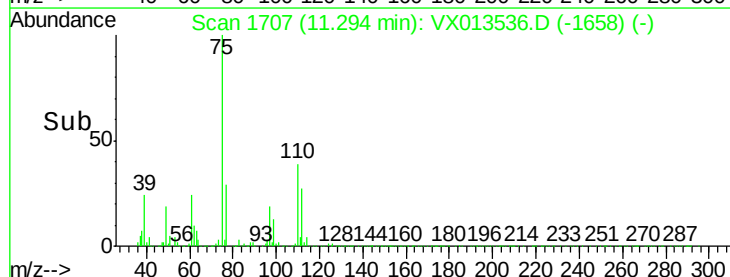
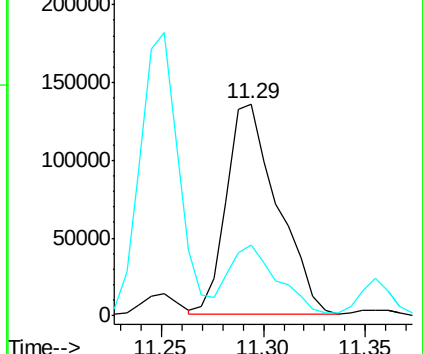
75 100

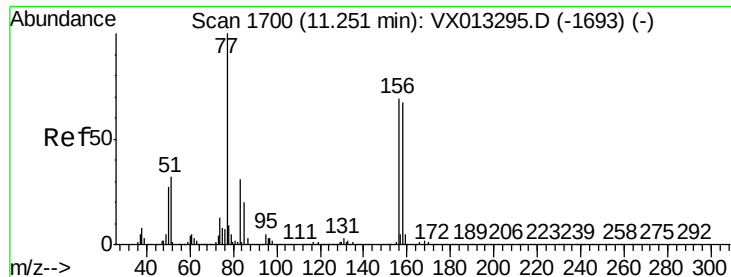
77 32.1 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.914 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD02

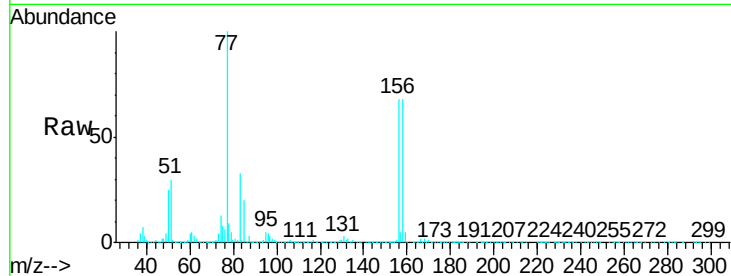
Tgt Ion: 156 Resp: 157618

Ion Ratio Lower Upper

156 100

77 151.9 75.8 227.4

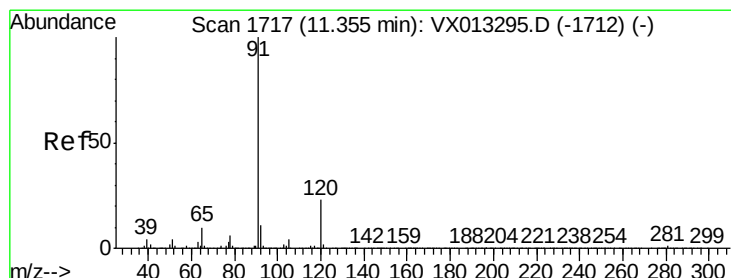
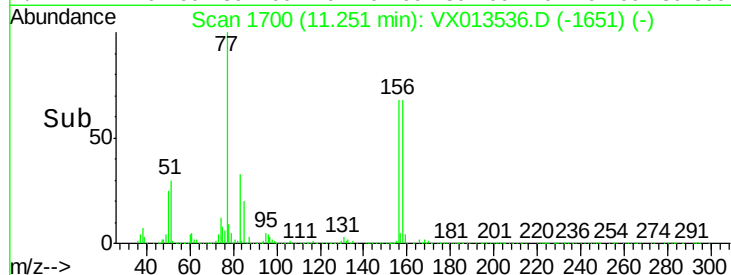
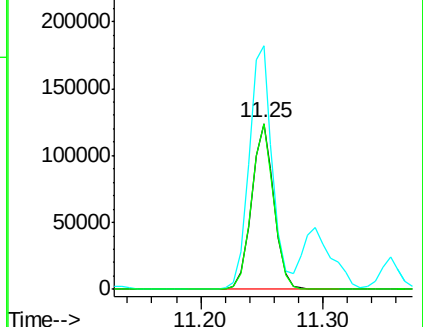
158 98.5 47.6 142.8



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: 20.019 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013536.D

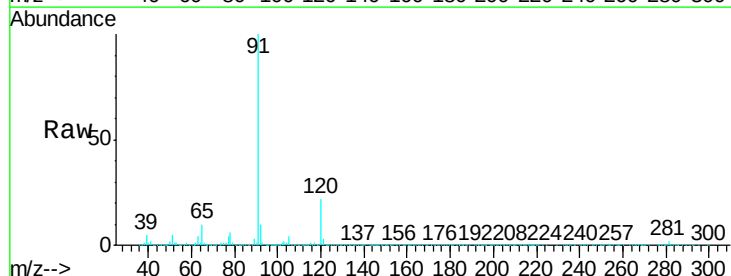
Acq: 22 Nov 2019 16:22

Tgt Ion: 91 Resp: 662082

Ion Ratio Lower Upper

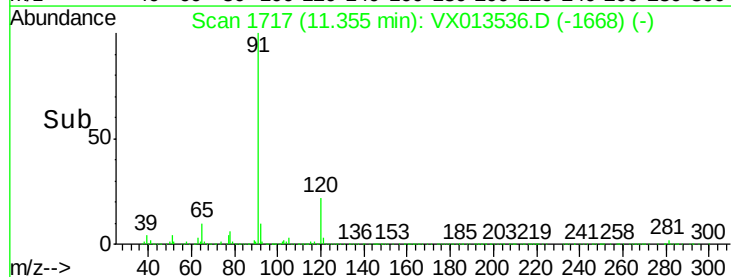
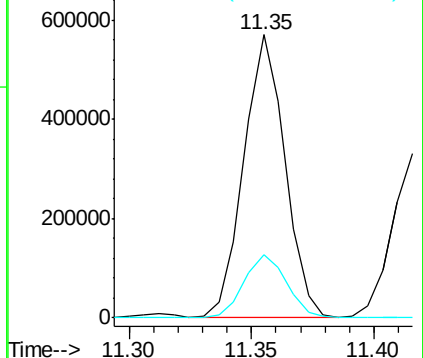
91 100

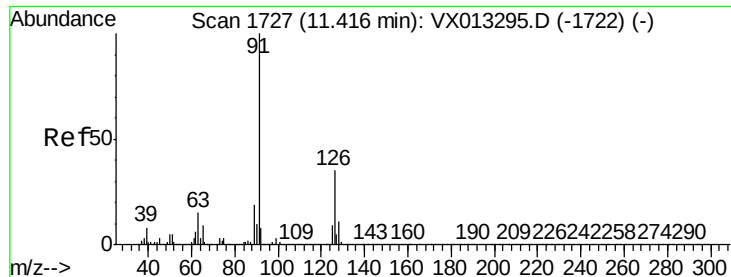
120 23.3 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.198 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

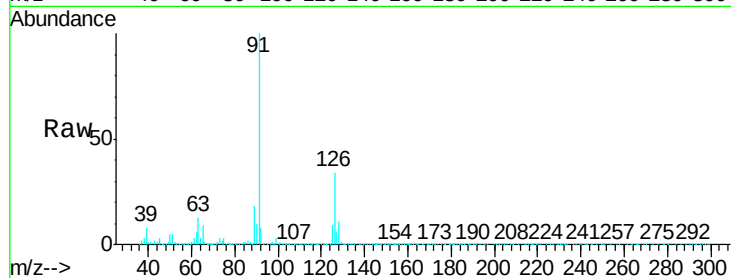
VX1122WBSD02

Tgt Ion: 91 Resp: 402487

Ion Ratio Lower Upper

91 100

126 34.2 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX013295.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX013295.D (-1722) (-)

600000

400000

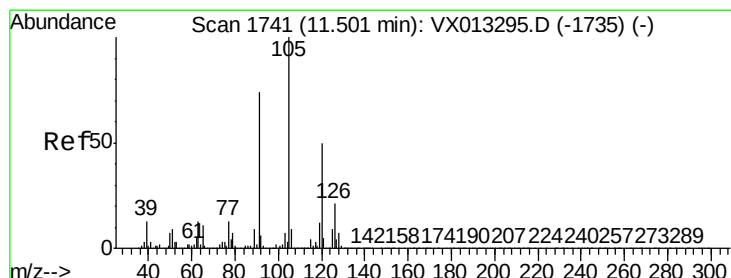
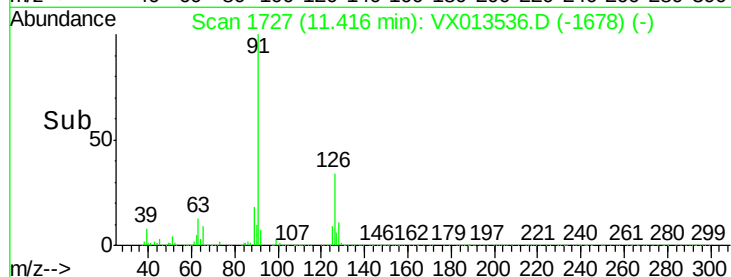
200000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.001 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013536.D

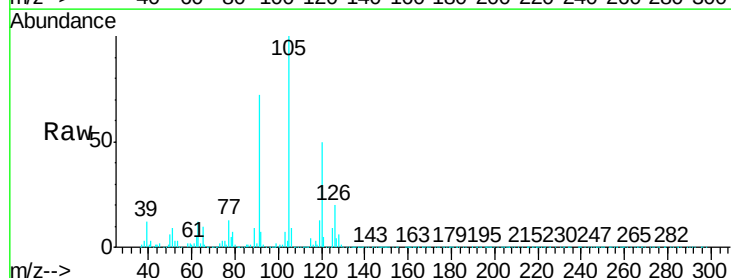
Acq: 22 Nov 2019 16:22

Tgt Ion: 105 Resp: 494633

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VX013295.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX013295.D (-1735) (-)

400000

300000

200000

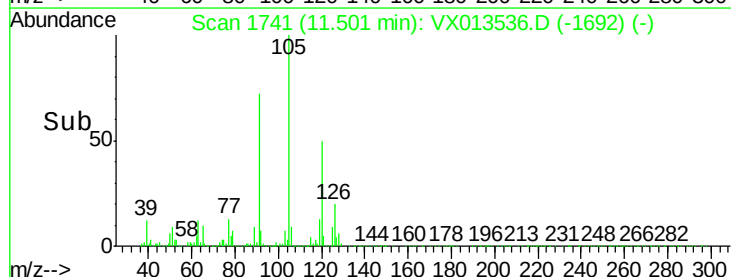
100000

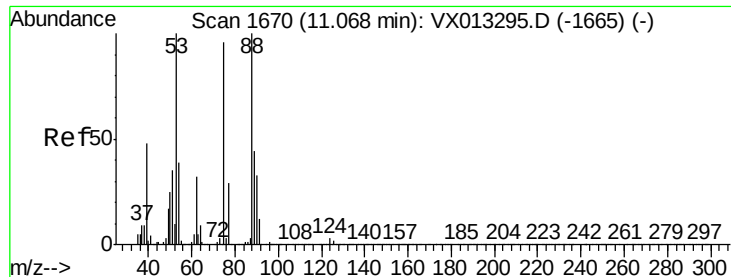
0

11.50

11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.485 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD02

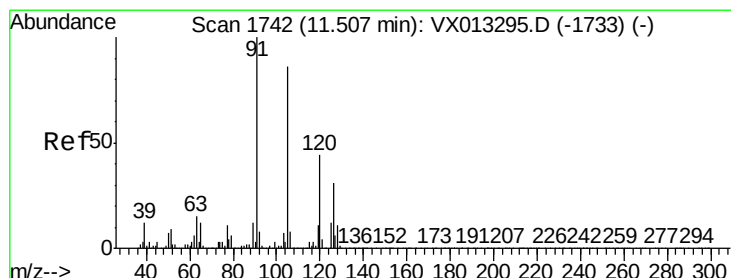
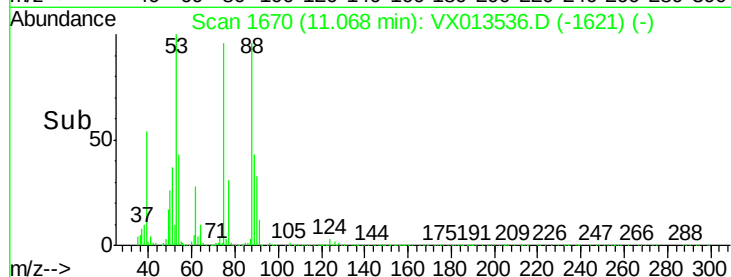
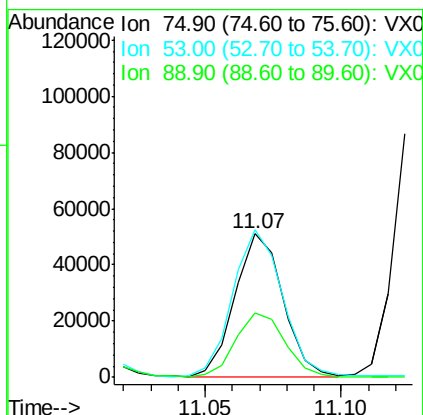
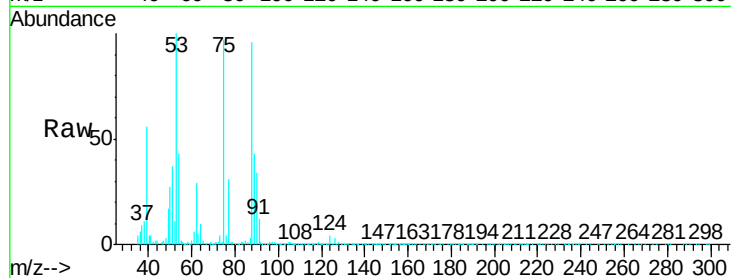
Tgt Ion: 75 Resp: 61786

Ion Ratio Lower Upper

75 100

53 108.1 81.0 121.6

89 47.4 36.0 54.0



#82

4-Chlorotoluene

Concen: 19.145 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013536.D

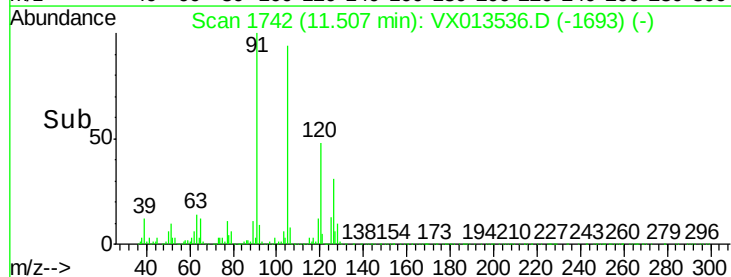
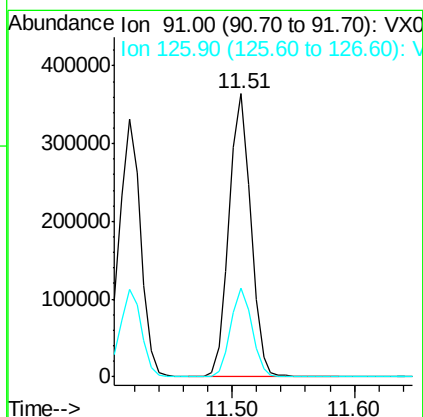
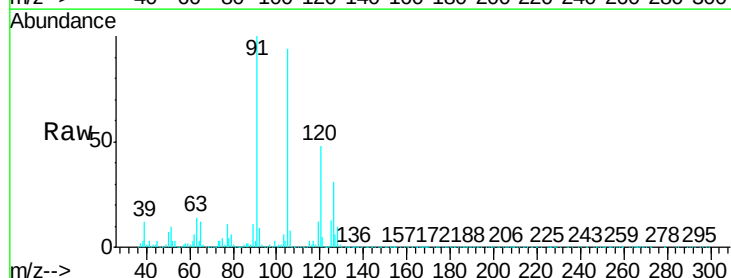
Acq: 22 Nov 2019 16:22

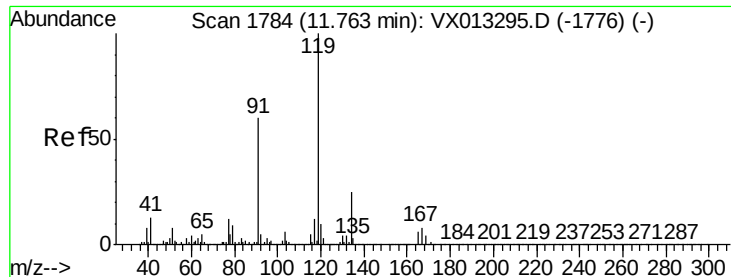
Tgt Ion: 91 Resp: 446567

Ion Ratio Lower Upper

91 100

126 30.6 15.3 45.8

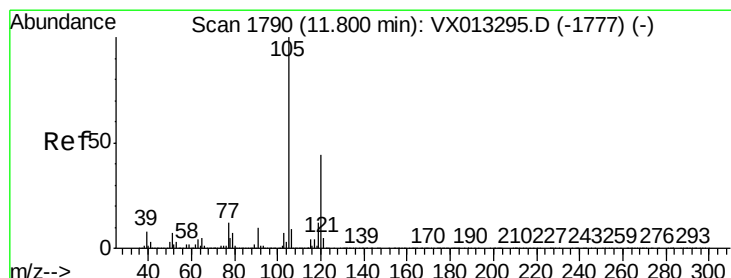
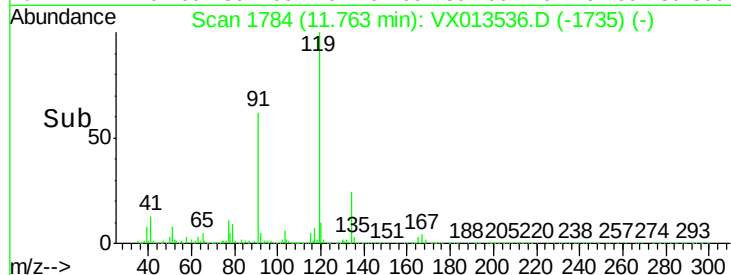
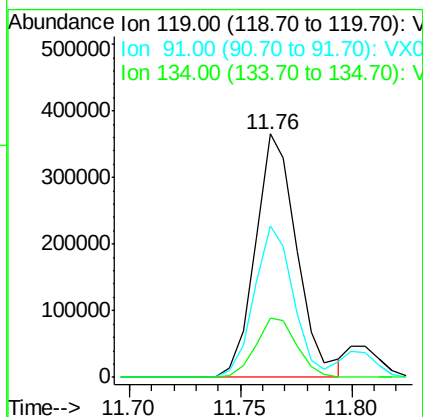
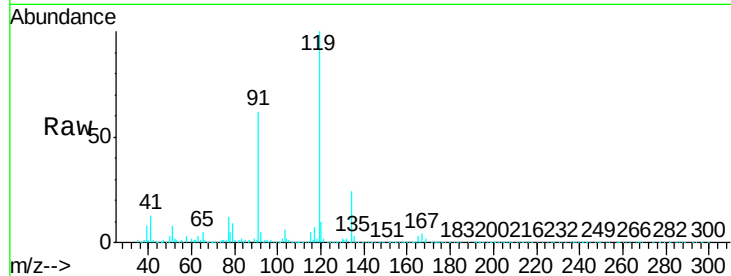




#83
 tert-Butylbenzene
 Concen: 19.018 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX013536.D
 Acq: 22 Nov 2019 16:22

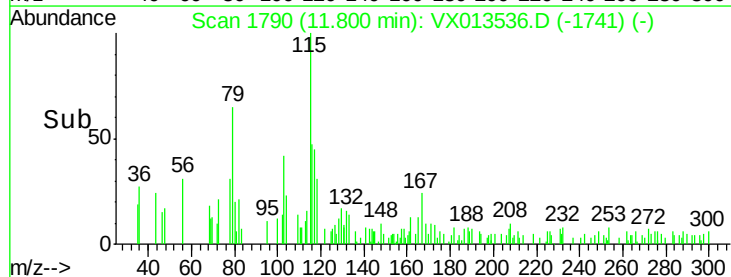
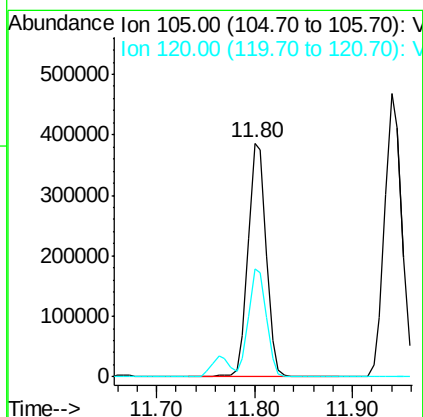
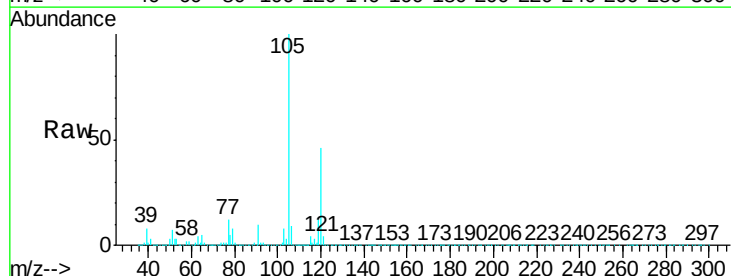
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD02

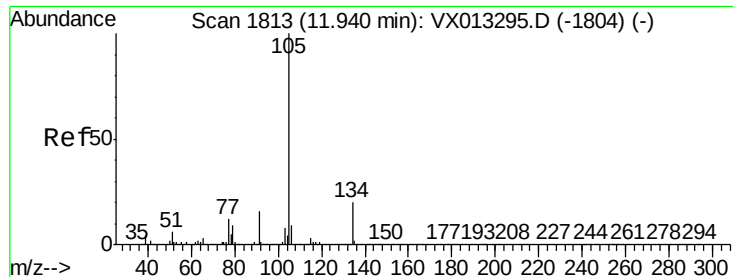
Tgt Ion:119 Resp: 473441
 Ion Ratio Lower Upper
 119 100
 91 58.6 26.9 80.7
 134 24.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.978 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX013536.D
 Acq: 22 Nov 2019 16:22

Tgt Ion:105 Resp: 495626
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.902 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

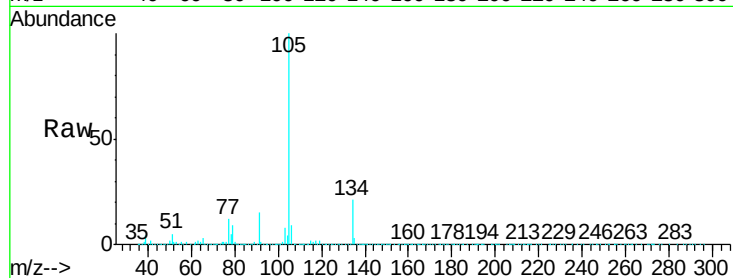
VX1122WBSD02

Tgt Ion:105 Resp: 569437

Ion Ratio Lower Upper

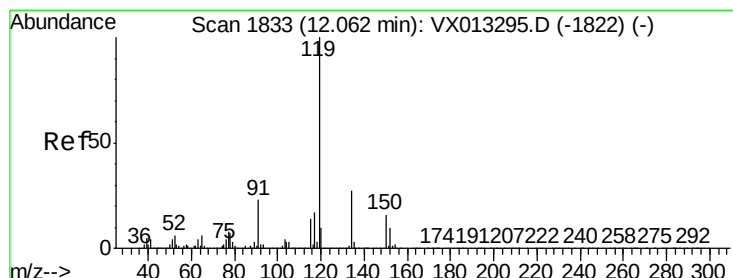
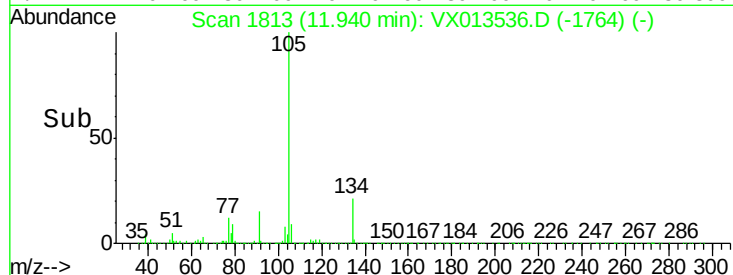
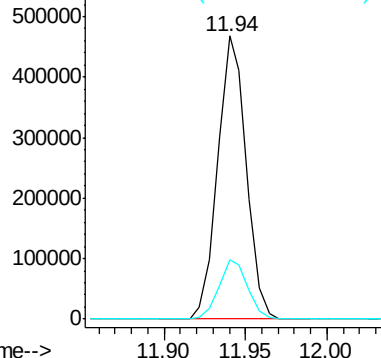
105 100

134 21.1 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.788 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

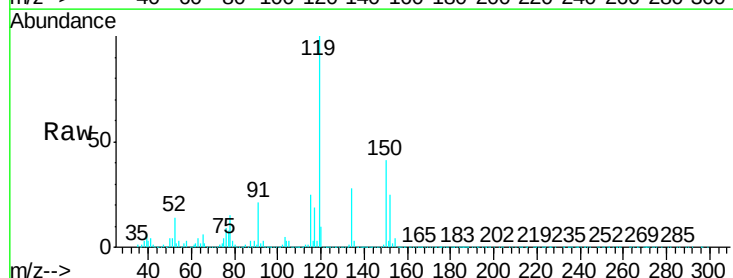
Tgt Ion:119 Resp: 521325

Ion Ratio Lower Upper

119 100

134 27.4 13.3 39.8

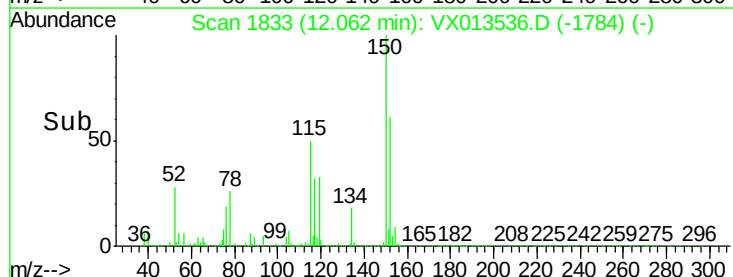
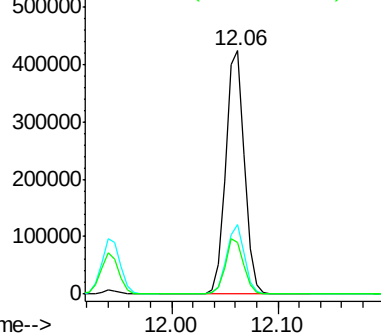
91 22.3 11.5 34.4

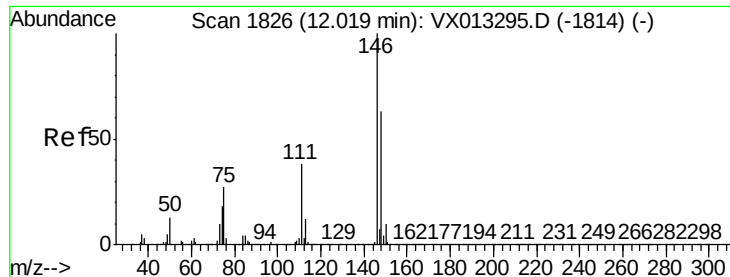


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

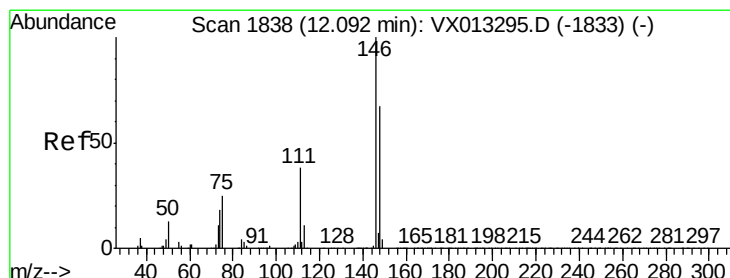
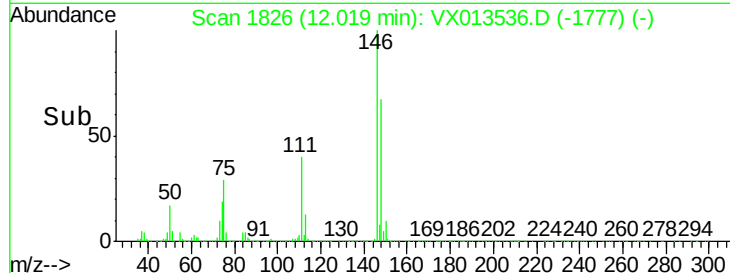
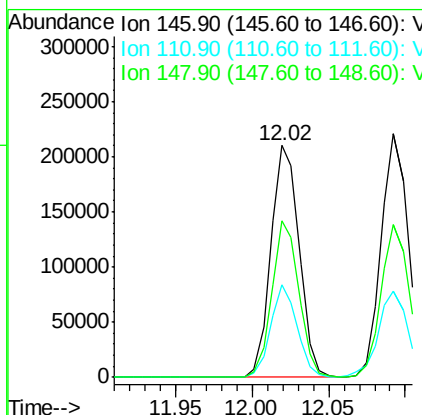
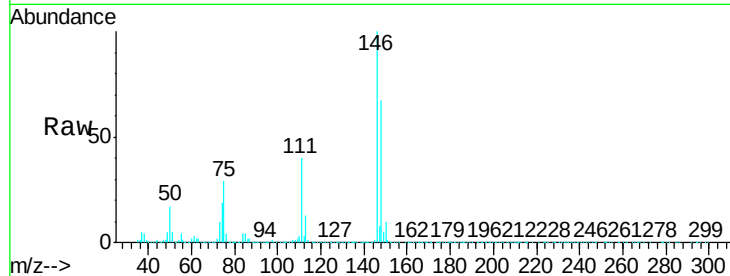




#87
 1,3-Dichlorobenzene
 Concen: 19.125 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013536.D
 Acq: 22 Nov 2019 16:22

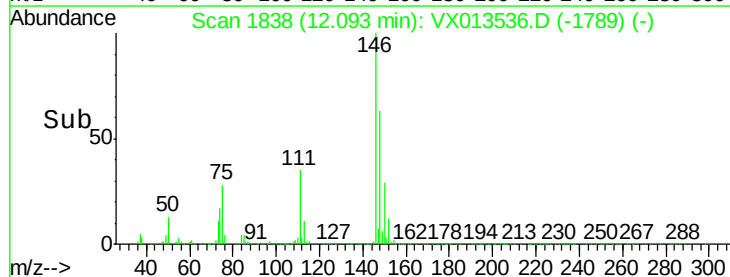
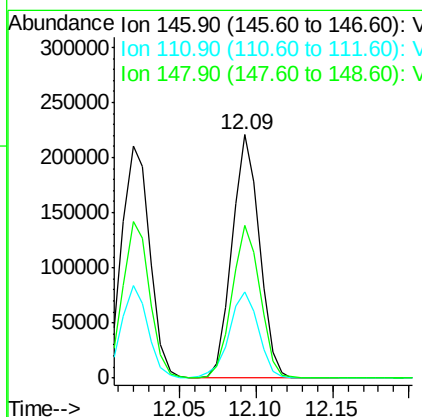
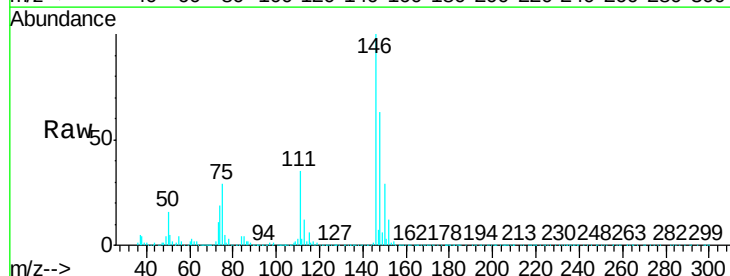
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD02

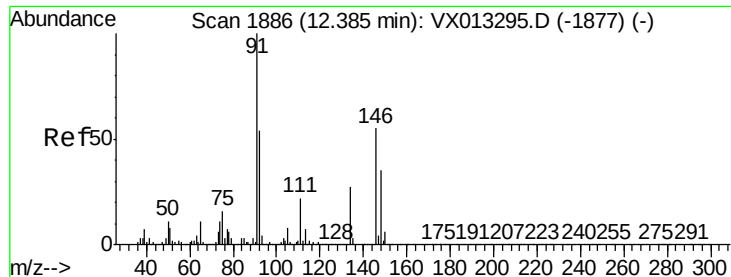
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.5
148	64.8	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.065 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013536.D
 Acq: 22 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.4
148	63.8	32.4	97.0





#89

n-Butylbenzene

Concen: 18.556 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013536.D

Acq: 22 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD02

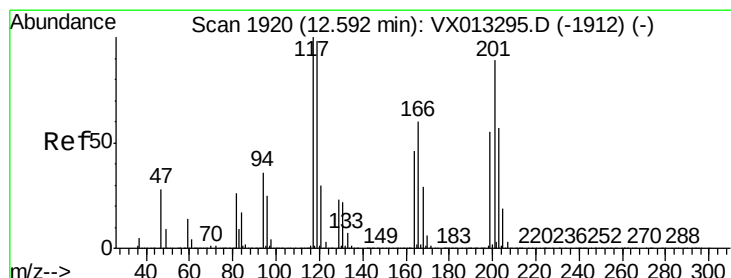
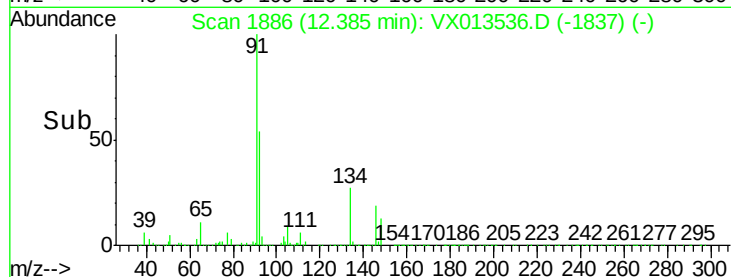
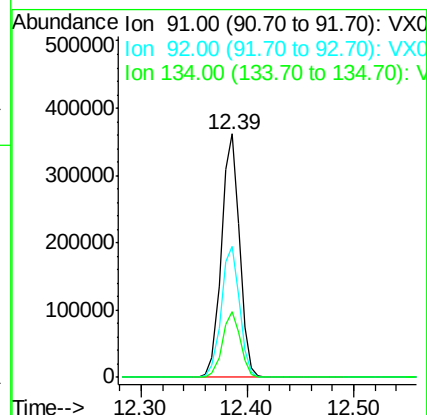
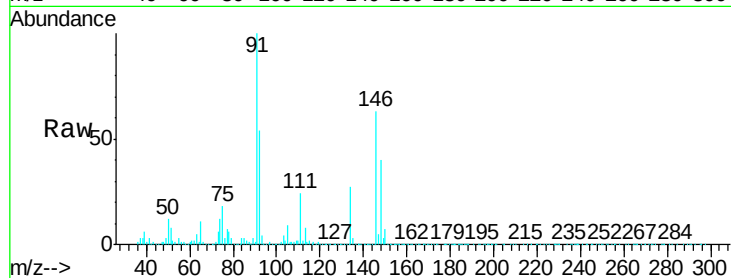
Tgt Ion: 91 Resp: 426583

Ion Ratio Lower Upper

91 100

92 54.6 27.3 81.8

134 26.8 13.5 40.5



#90

Hexachloroethane

Concen: 19.778 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013536.D

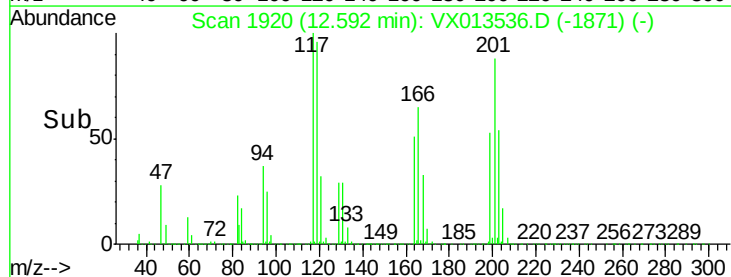
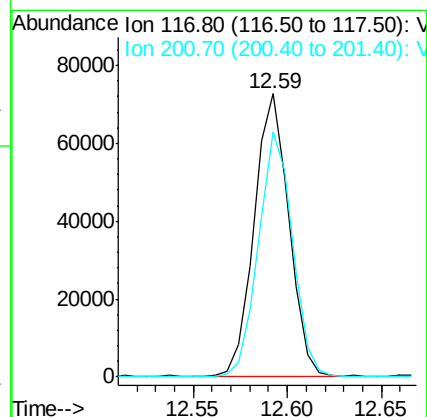
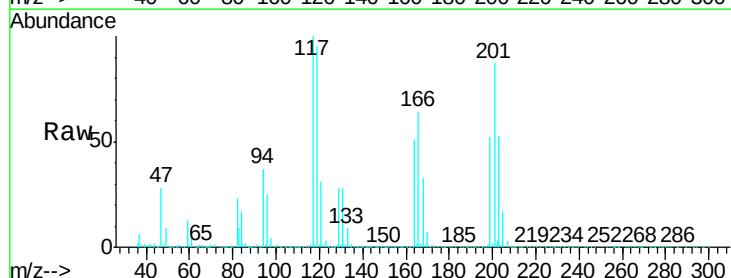
Acq: 22 Nov 2019 16:22

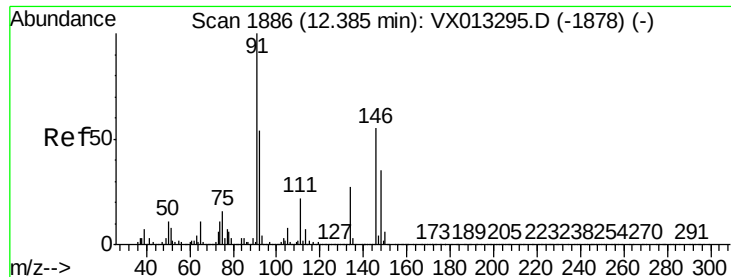
Tgt Ion: 117 Resp: 92842

Ion Ratio Lower Upper

117 100

201 85.1 43.9 131.7

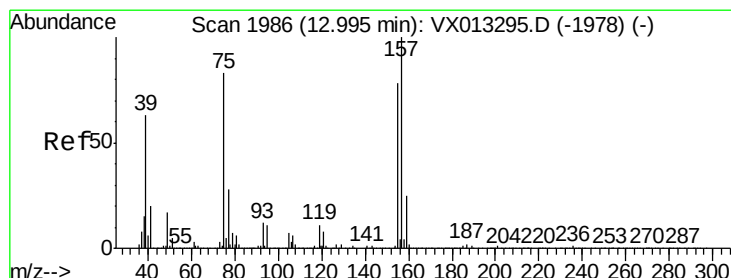
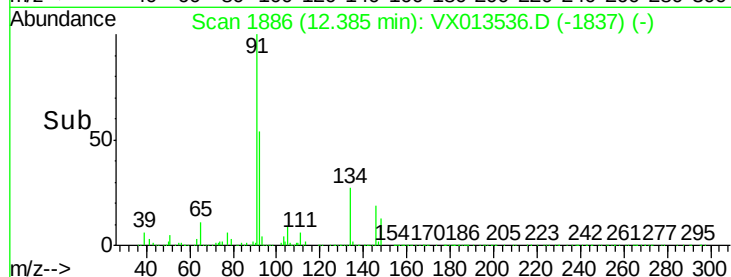
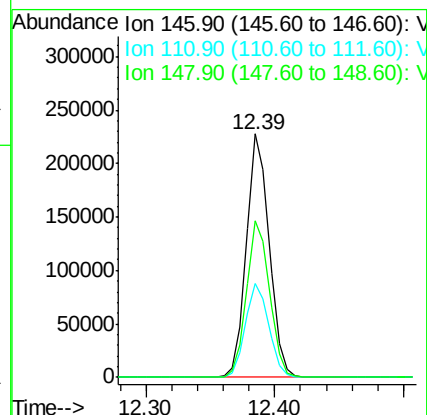
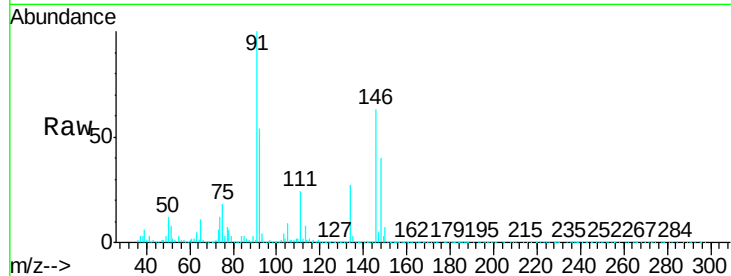




#91
 1,2-Dichlorobenzene
 Concen: 19.597 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013536.D
 Acq: 22 Nov 2019 16:22

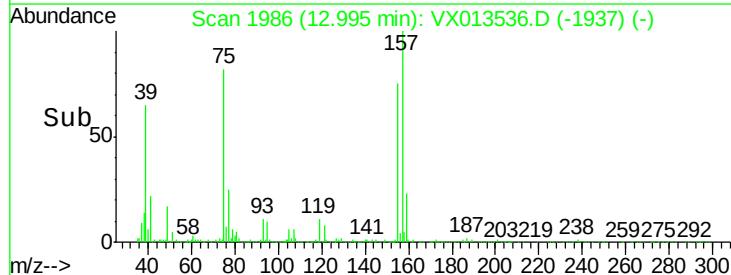
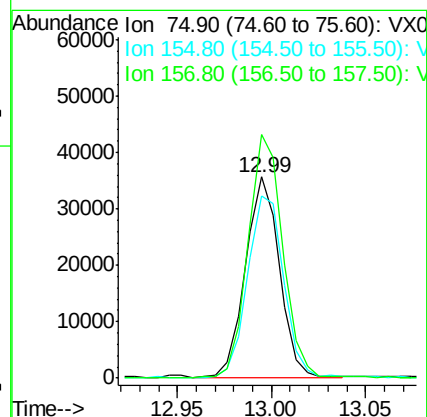
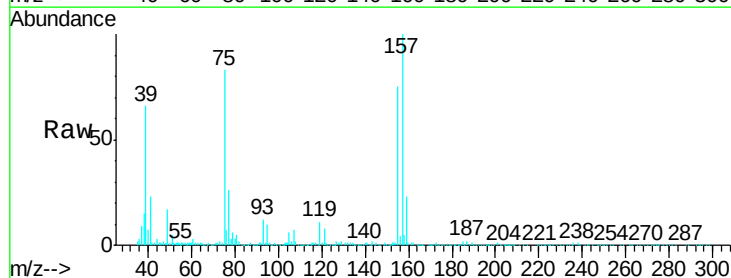
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD02

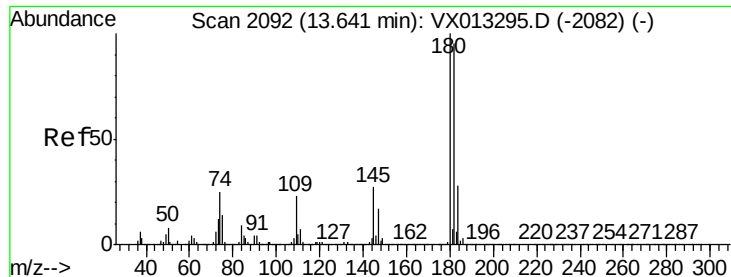
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.1	60.2
148	65.1	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.716 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013536.D
 Acq: 22 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.3	47.1	141.4
157	125.7	61.3	183.8

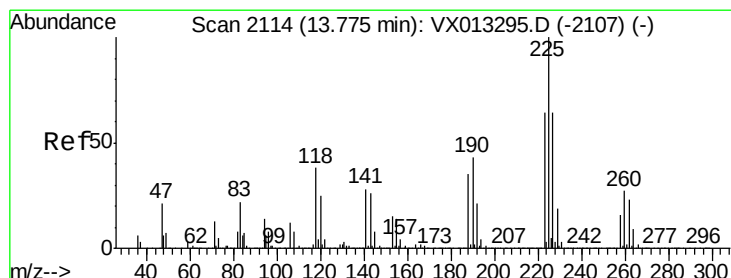
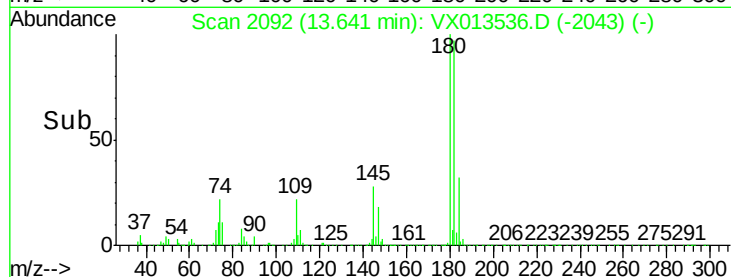
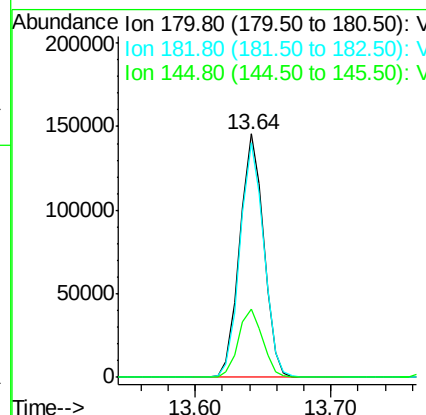
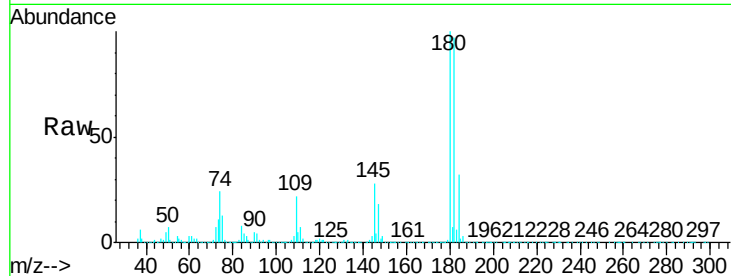




#93
 1,2,4-Trichlorobenzene
 Concen: 18.099 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013536.D
 Acq: 22 Nov 2019 16:22

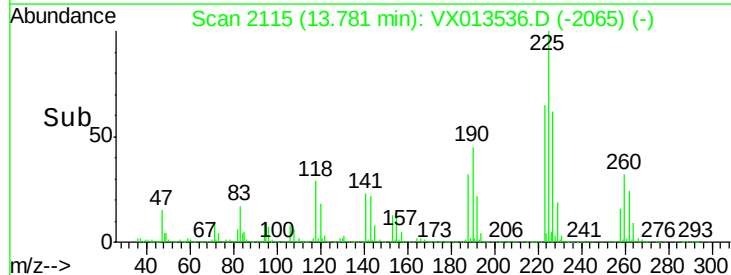
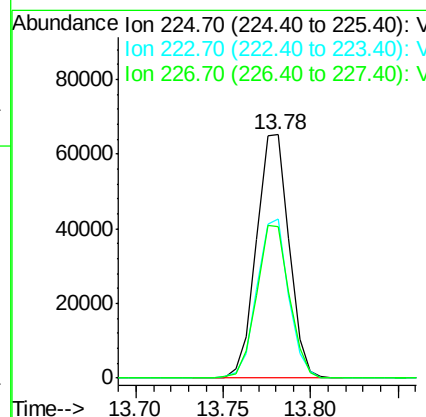
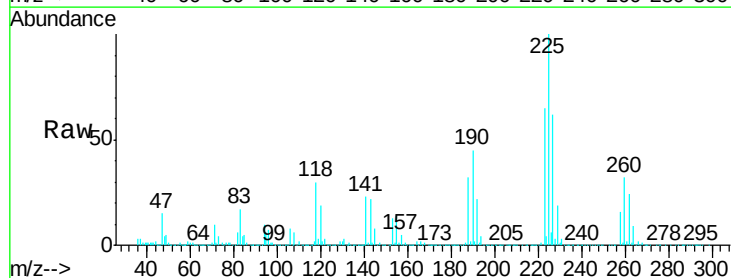
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD02

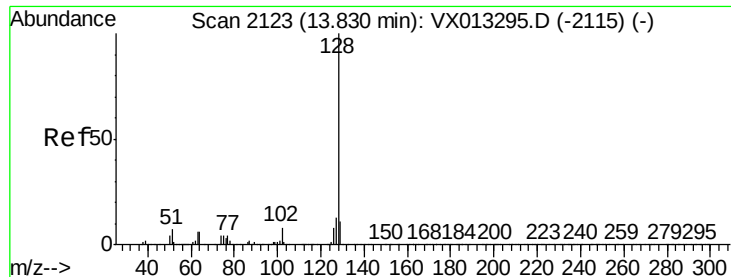
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.4	145.0
145	28.3	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 17.634 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013536.D
 Acq: 22 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.9	95.7
227	62.9	31.9	95.9

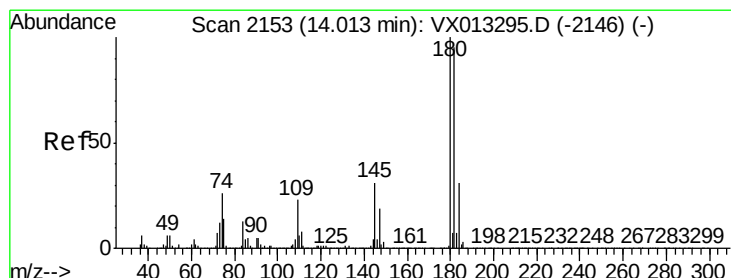
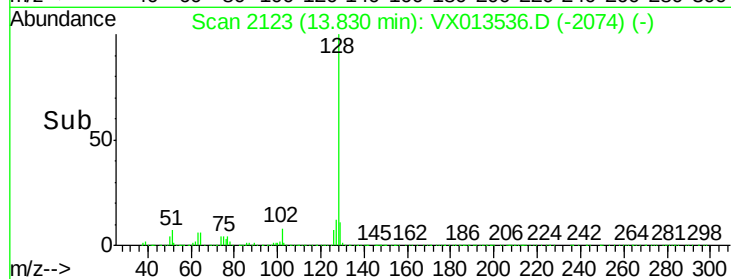
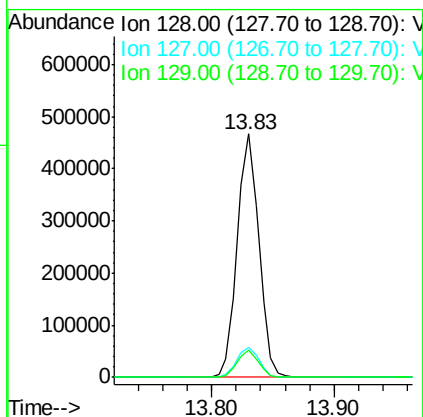
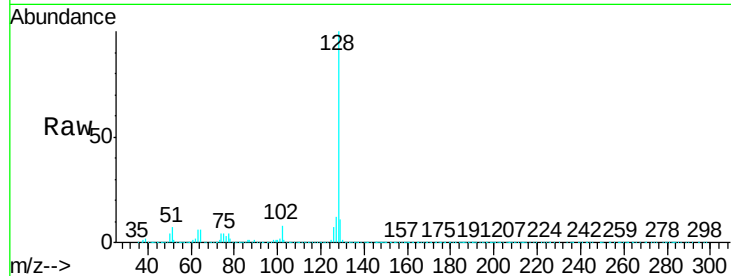




#95
Naphthalene
Concen: 18.435 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.0	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 18.755 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013536.D
Acq: 22 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.0	144.2
145	30.1	15.4	46.4

