

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013670.D
 Acq On : 27 Nov 2019 23:14
 Operator : JC/SP
 Sample : VX1127WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD03

Quant Time: Nov 28 04:19:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	631572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	974138	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	876174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	418326	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	367552	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
35) Dibromofluoromethane	5.49	113	302489	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
50) Toluene-d8	8.71	98	1137953	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	11.14	95	402039	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	136917	19.477	ug/l	100
3) Chloromethane	1.32	50	161884	20.523	ug/l	98
4) Vinyl Chloride	1.40	62	181982	20.498	ug/l	98
5) Bromomethane	1.63	94	108004	18.115	ug/l	99
6) Chloroethane	1.72	64	101435	20.078	ug/l	99
7) Trichlorofluoromethane	1.92	101	190064	19.280	ug/l	100
8) Diethyl Ether	2.18	74	92163	20.665	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	112073	18.612	ug/l	99
10) Methyl Iodide	2.50	142	125688	17.255	ug/l	100
11) Tert butyl alcohol	3.03	59	177431	98.052	ug/l	97
12) 1,1-Dichloroethene	2.36	96	117573	19.561	ug/l	100
13) Acrolein	2.28	56	105122	90.782	ug/l	96
14) Allyl chloride	2.72	41	208639	19.128	ug/l	100
15) Acrylonitrile	3.13	53	395081	105.771	ug/l	98
16) Acetone	2.43	43	337962	93.373	ug/l	98
17) Carbon Disulfide	2.56	76	307429	17.943	ug/l	100
18) Methyl Acetate	2.76	43	223533	22.178	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	407160	20.449	ug/l	100
20) Methylene Chloride	2.85	84	142429	20.483	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	124074	18.949	ug/l	98
22) Diisopropyl ether	3.84	45	433573	20.644	ug/l	93
23) Vinyl Acetate	3.80	43	1777485	101.732	ug/l	99
24) 1,1-Dichloroethane	3.69	63	232362	20.238	ug/l	97
25) 2-Butanone	4.66	43	549255	102.107	ug/l	100
26) 2,2-Dichloropropane	4.58	77	153084	16.115	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	145651	19.370	ug/l	99
28) Bromochloromethane	5.00	49	95855	21.119	ug/l	99
29) Tetrahydrofuran	5.12	42	356068	107.375	ug/l	99
30) Chloroform	5.20	83	224072	19.243	ug/l	98
31) Cyclohexane	5.58	56	196099	18.108	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	185047	19.017	ug/l	99
36) 1,1-Dichloropropene	5.79	75	163806	18.524	ug/l	99
37) Ethyl Acetate	4.82	43	210658	21.235	ug/l	99
38) Carbon Tetrachloride	5.78	117	155812	19.109	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	194625	17.806	ug/l	99
40) Benzene	6.14	78	524760	19.485	ug/l	98
41) Methacrylonitrile	5.03	41	112383	20.657	ug/l	98
42) 1,2-Dichloroethane	6.18	62	183571	19.986	ug/l	100
43) Isopropyl Acetate	6.43	43	327520	20.054	ug/l	100
44) Trichloroethene	7.21	130	133766	18.097	ug/l	99
45) 1,2-Dichloropropane	7.51	63	134654	19.983	ug/l	96
46) Dibromomethane	7.65	93	89590	19.576	ug/l	100
47) Bromodichloromethane	7.89	83	168169	19.438	ug/l	96
48) Methyl methacrylate	7.76	41	165082	20.804	ug/l	99
49) 1,4-Dioxane	7.73	88	69454	391.024	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1068949	104.053	ug/l	100
52) Toluene	8.78	92	326198	19.496	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	181616	18.442	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	204545	19.012	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	134641	19.969	ug/l	95
56) Ethyl methacrylate	9.17	69	219350	20.235	ug/l	98
57) 1,3-Dichloropropane	9.37	76	229983	19.789	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	426673	100.391	ug/l	100
59) 2-Hexanone	9.49	43	819560	102.289	ug/l	99
60) Dibromochloromethane	9.58	129	135627	19.383	ug/l	99
61) 1,2-Dibromoethane	9.67	107	144641	20.086	ug/l	96
64) Tetrachloroethene	9.33	164	123955	18.971	ug/l	99
65) Chlorobenzene	10.14	112	349529	19.214	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	128638	19.693	ug/l	99
67) Ethyl Benzene	10.24	91	598629	19.150	ug/l	100
68) m/p-Xylenes	10.35	106	449565	37.564	ug/l	98
69) o-Xylene	10.70	106	225670	19.334	ug/l	99
70) Styrene	10.71	104	373514	19.023	ug/l	99
71) Bromoform	10.85	173	102101	18.890	ug/l #	99
73) Isopropylbenzene	11.01	105	582077	19.836	ug/l	98
74) N-amyl acetate	10.89	43	275860	20.522	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	217591	21.382	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	231823	24.639	ug/l	90
77) Bromobenzene	11.25	156	156004	19.679	ug/l	100
78) n-propylbenzene	11.35	91	648281	19.791	ug/l	99
79) 2-Chlorotoluene	11.42	91	389372	19.815	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	483207	20.092	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	60383	17.558	ug/l	95
82) 4-Chlorotoluene	11.51	91	448221	19.694	ug/l	97
83) tert-Butylbenzene	11.77	119	481072	19.682	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	489314	20.047	ug/l	99
85) sec-Butylbenzene	11.94	105	550181	19.707	ug/l	100
86) p-Isopropyltoluene	12.06	119	501385	19.305	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	265027	19.179	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	268491	19.075	ug/l	99
89) n-Butylbenzene	12.38	91	416405	18.798	ug/l	99
90) Hexachloroethane	12.59	117	85651	18.245	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	272370	19.949	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45211	20.402	ug/l	100

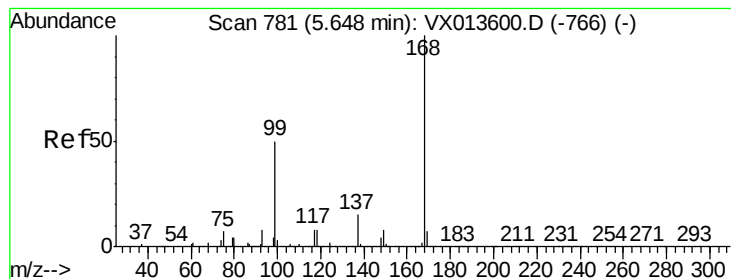
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112719\
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Quant Time: Nov 28 04:19:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	175644	18.459	ug/l	99
94) Hexachlorobutadiene	13.78	225	82596	18.069	ug/l	99
95) Naphthalene	13.83	128	571819	20.179	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	179731	19.077	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

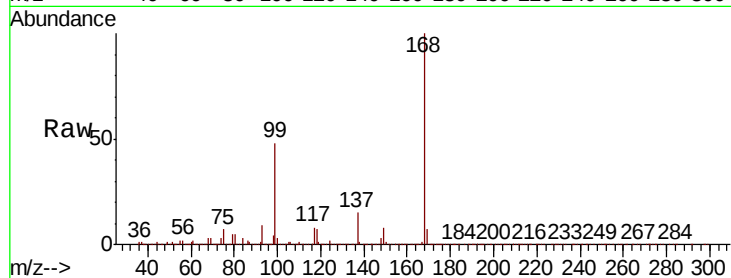
VX1127WBSD03

Tot Ion:168 Resp: 631572

Ion Ratio Lower Upper

168 100

99 47.9 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

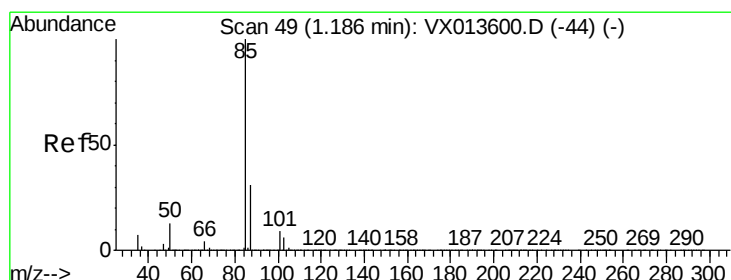
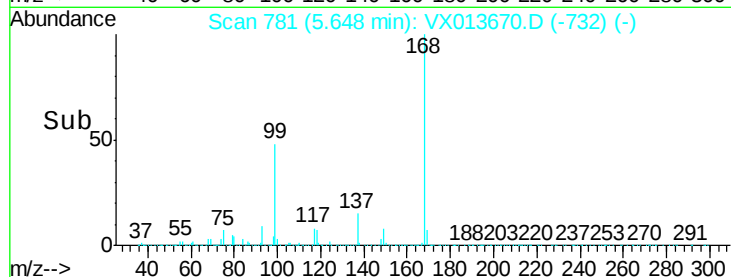
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.477 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013670.D

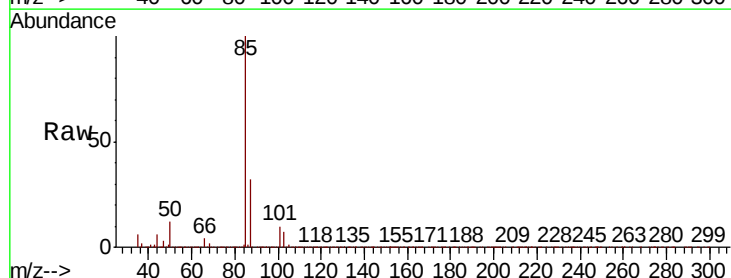
Acq: 27 Nov 2019 23:14

Tgt Ion: 85 Resp: 136917

Ion Ratio Lower Upper

85 100

87 31.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

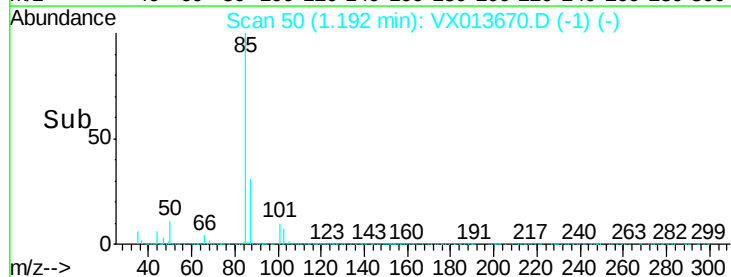
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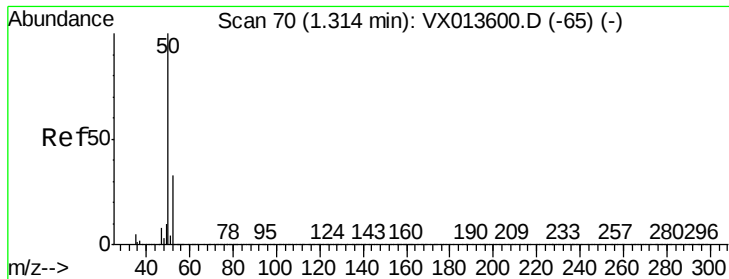
100000

50000

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Time-->





#3

Chloromethane

Concen: 20.523 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

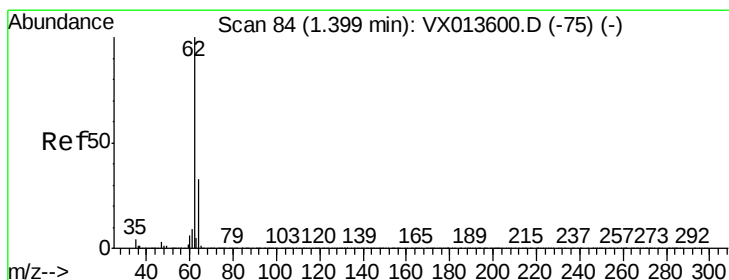
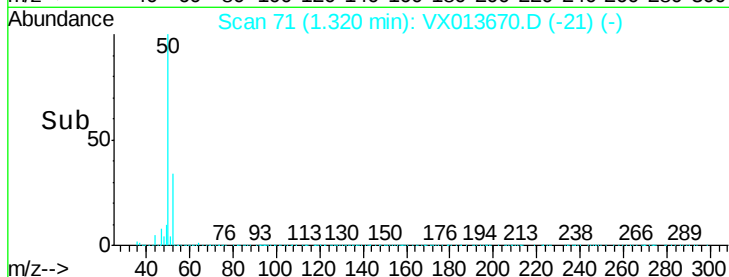
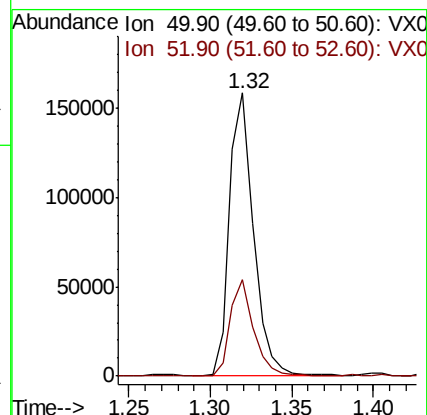
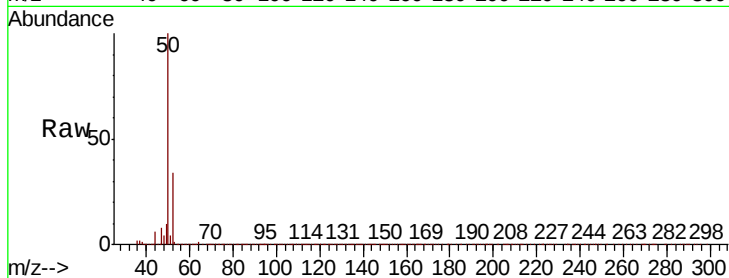
VX1127WBSD03

Tot Ion: 50 Resp: 161884

Ion Ratio Lower Upper

50 100

52 33.9 26.0 39.0



#4

Vinyl Chloride

Concen: 20.498 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013670.D

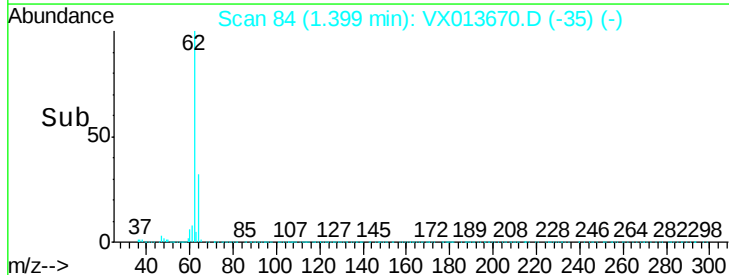
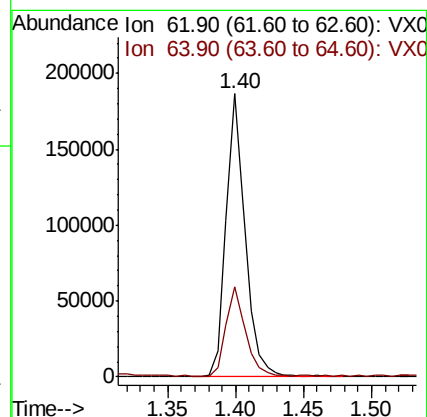
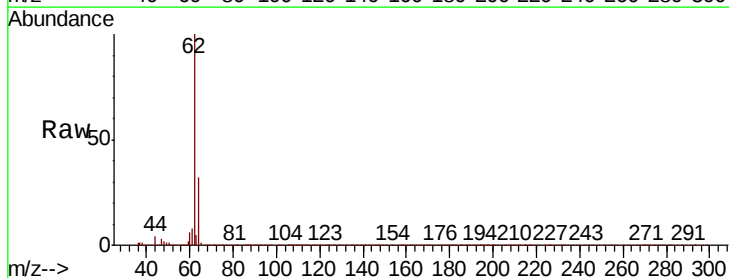
Acq: 27 Nov 2019 23:14

Tgt Ion: 62 Resp: 181982

Ion Ratio Lower Upper

62 100

64 31.4 26.0 39.0





#5

Bromomethane

Concen: 18.115 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

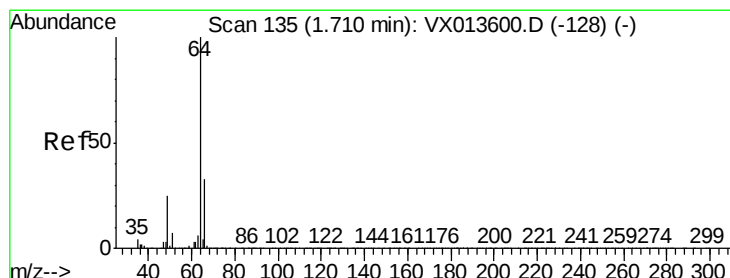
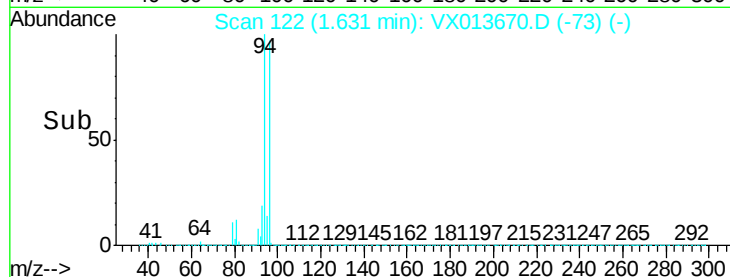
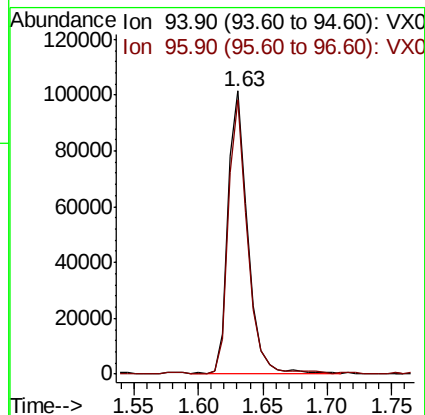
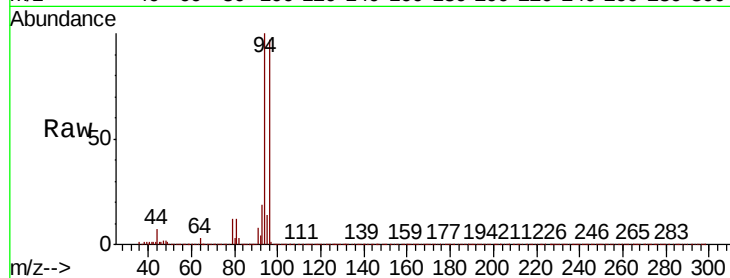
VX1127WBSD03

Tot Ion: 94 Resp: 108004

Ion Ratio Lower Upper

94 100

96 96.9 77.0 115.4



#6

Chloroethane

Concen: 20.078 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013670.D

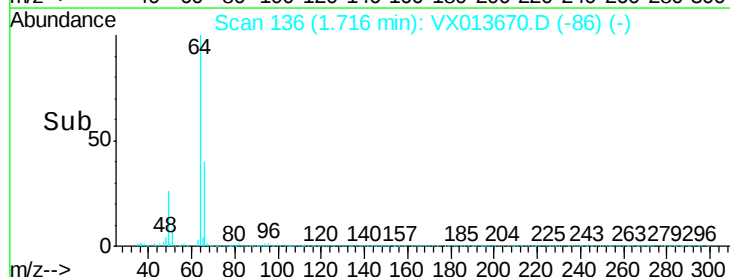
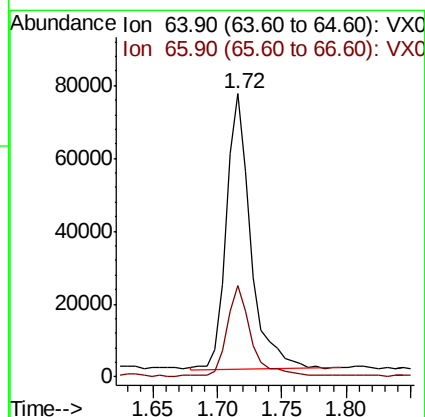
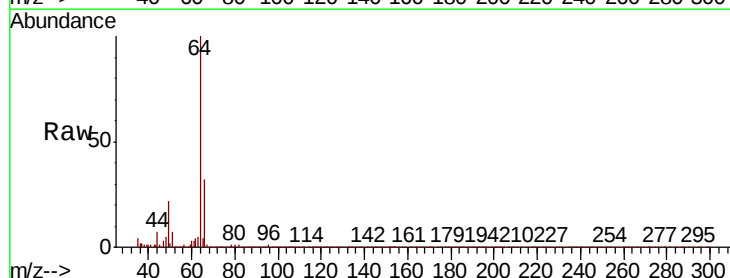
Acq: 27 Nov 2019 23:14

Tgt Ion: 64 Resp: 101435

Ion Ratio Lower Upper

64 100

66 32.7 26.7 40.1



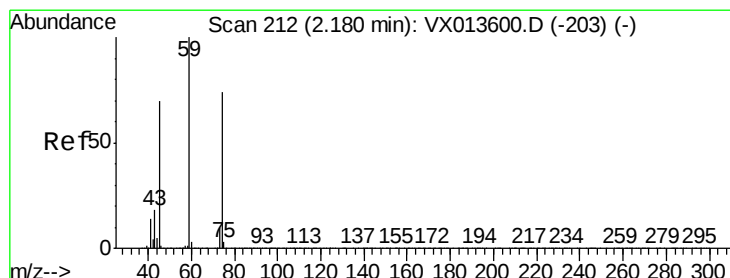
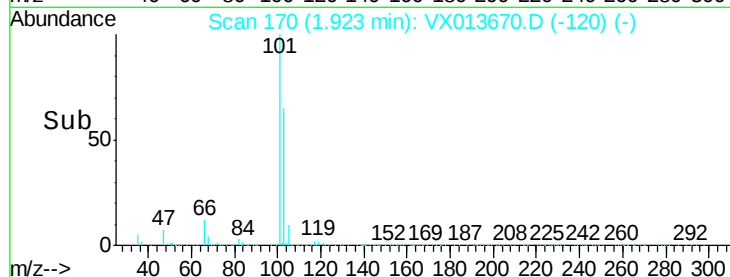
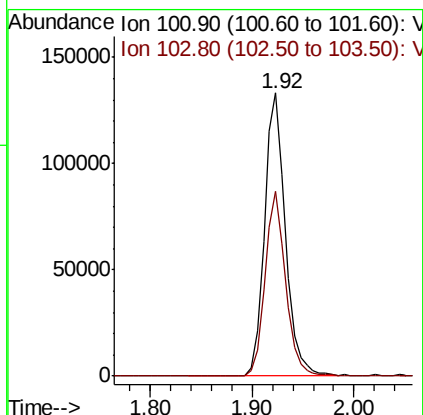
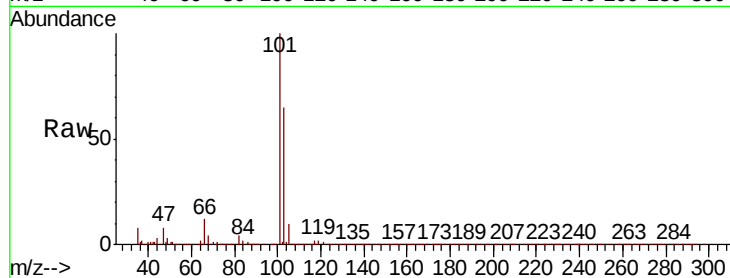


#7

Trichlorofluoromethane
Concen: 19.280 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

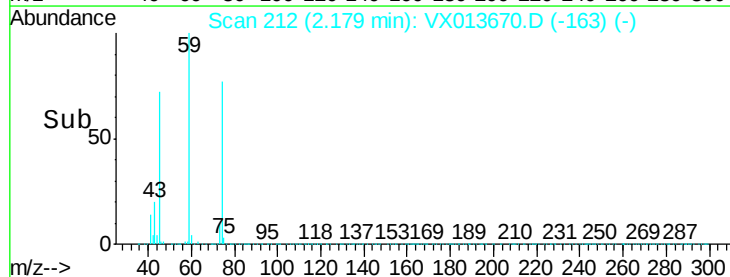
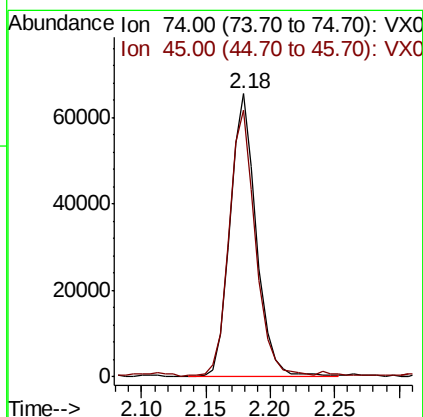
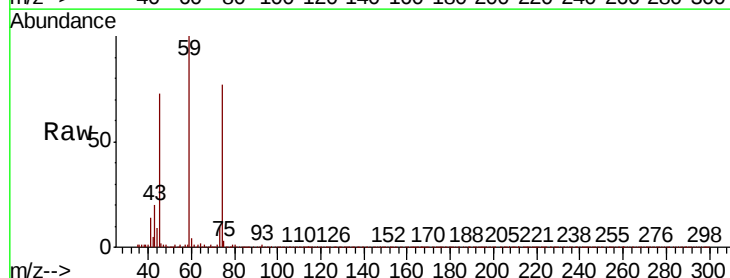
Tot Ion:101 Resp: 190064
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.6

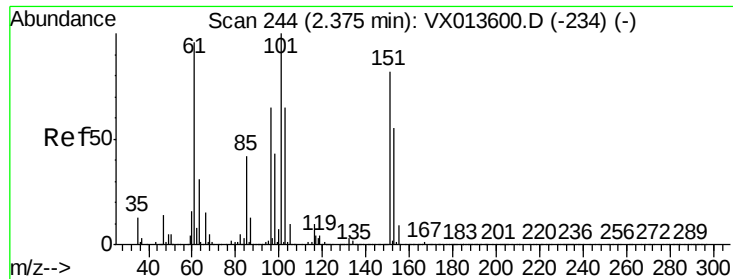


#8

Diethyl Ether
Concen: 20.665 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion: 74 Resp: 92163
Ion Ratio Lower Upper
74 100
45 97.0 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.612 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

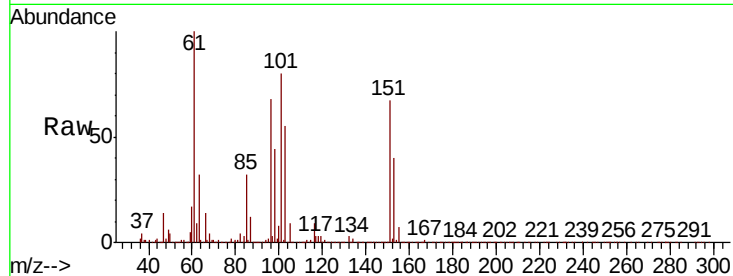
Tot Ion:101 Resp: 112073

Ion Ratio Lower Upper

101 100

85 40.5 33.9 50.9

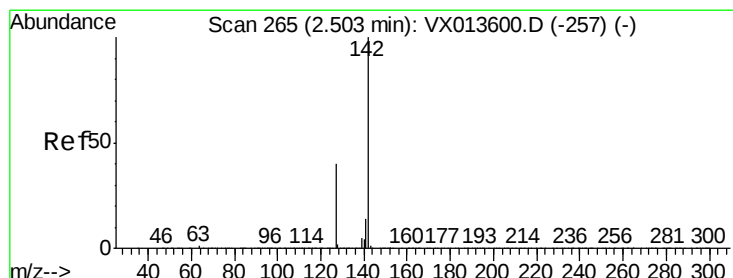
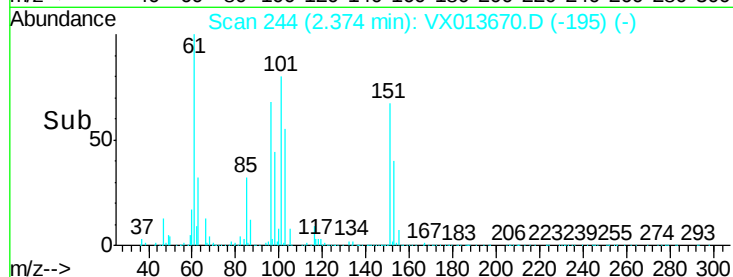
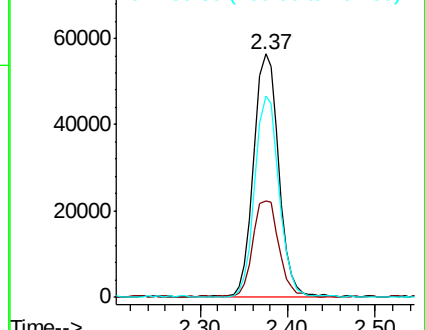
151 80.4 64.2 96.2



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: 17.255 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

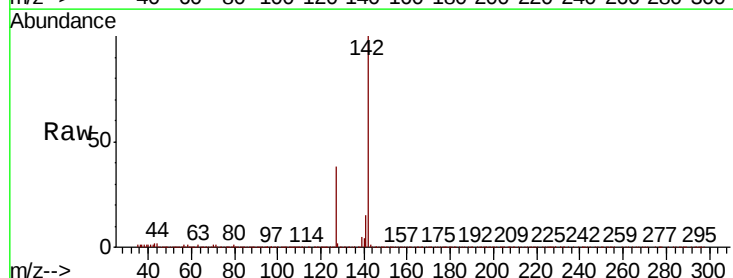
Tgt Ion:142 Resp: 125688

Ion Ratio Lower Upper

142 100

127 38.5 31.0 46.4

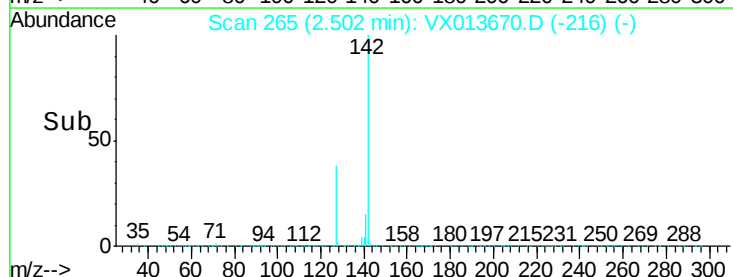
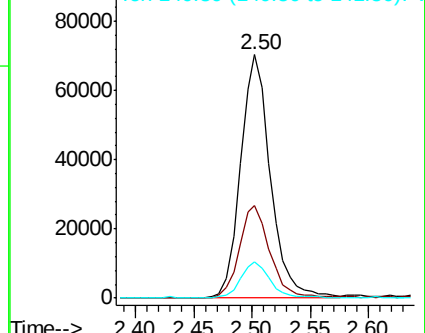
141 14.4 11.6 17.4

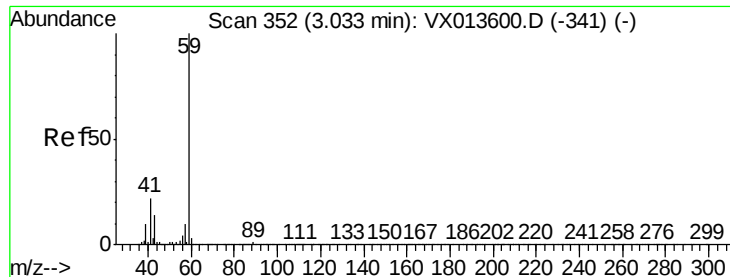


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



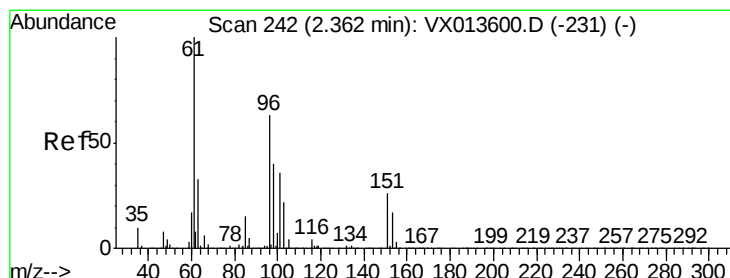
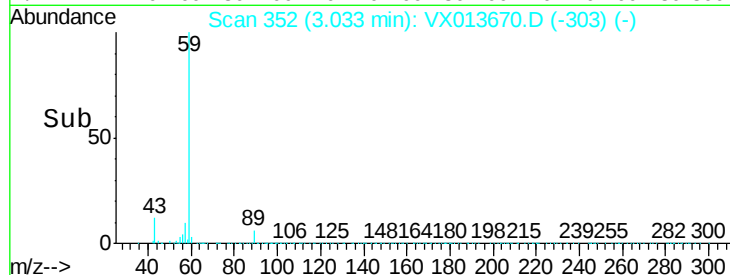
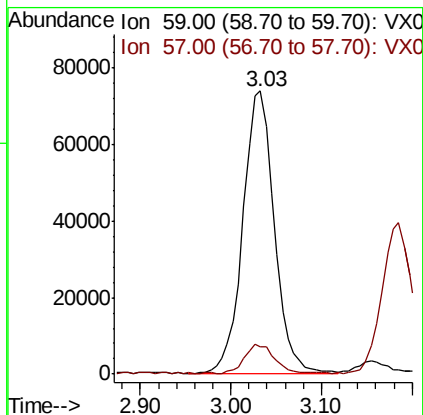
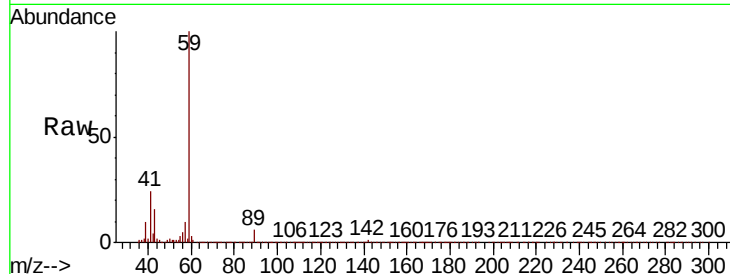


#11

Tert butyl alcohol
 Concen: 98.052 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VX013670.D
 Acq: 27 Nov 2019 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD03

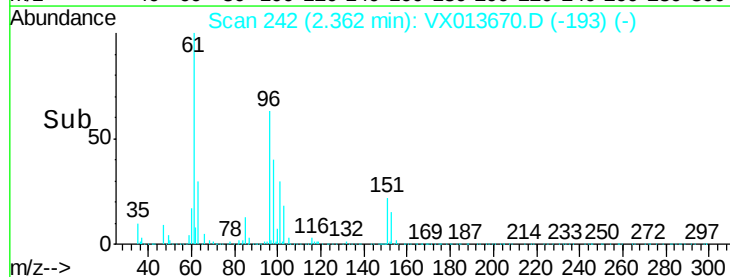
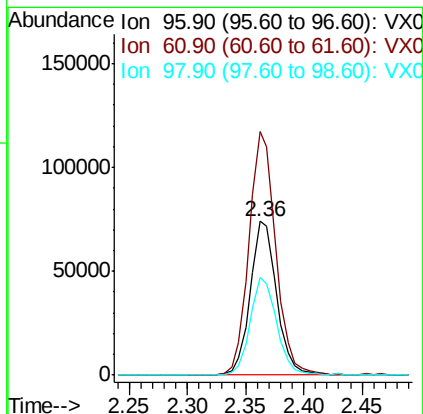
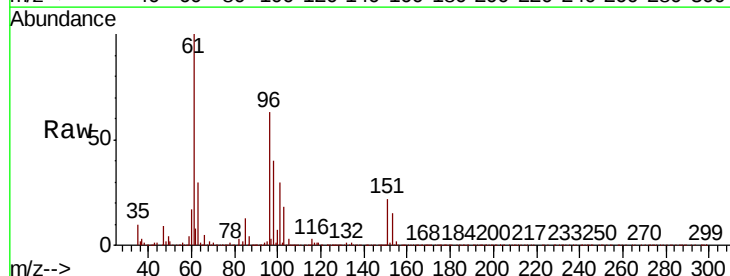
Tot Ion: 59 Resp: 177431
 Ion Ratio Lower Upper
 59 100
 57 10.9 7.8 11.6

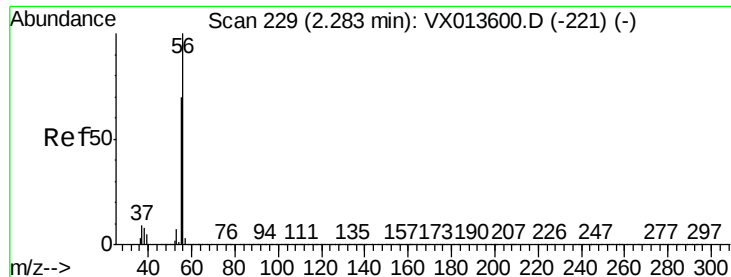


#12

1,1-Dichloroethene
 Concen: 19.561 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013670.D
 Acq: 27 Nov 2019 23:14

Tgt Ion: 96 Resp: 117573
 Ion Ratio Lower Upper
 96 100
 61 157.9 126.6 190.0
 98 63.4 50.6 76.0





#13

Acrolein

Concen: 90.782 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

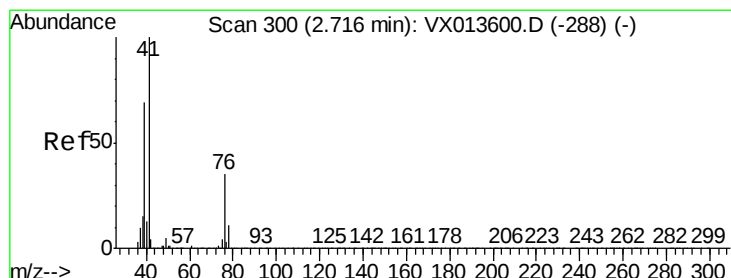
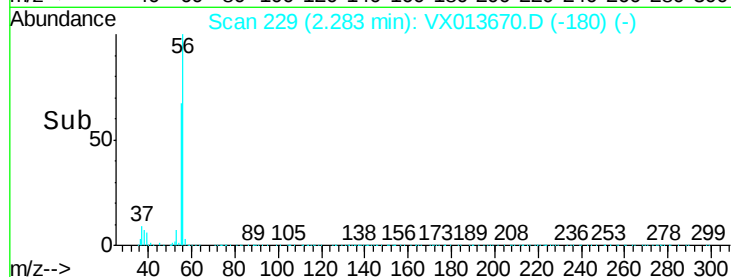
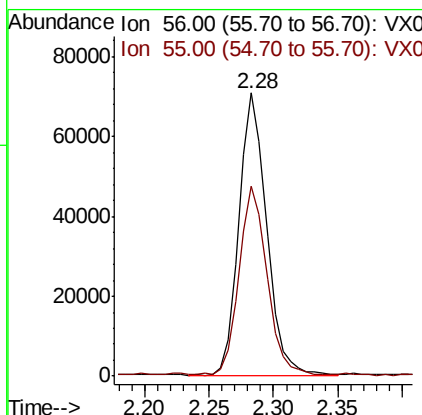
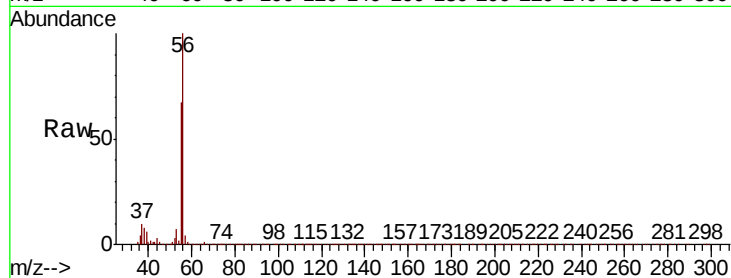
VX1127WBSD03

Tot Ion: 56 Resp: 105122

Ion Ratio Lower Upper

56 100

55 67.2 56.2 84.4



#14

Allyl chloride

Concen: 19.128 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

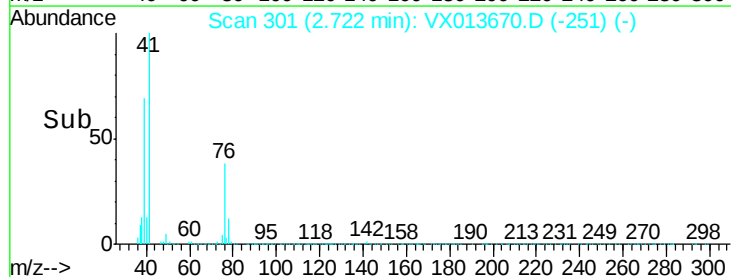
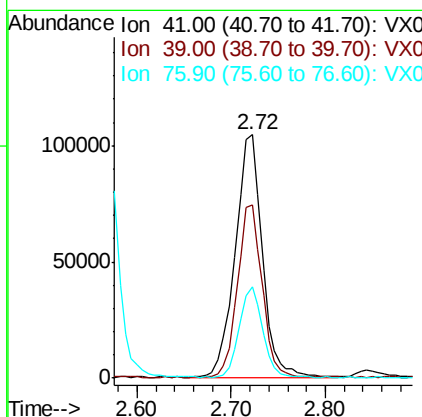
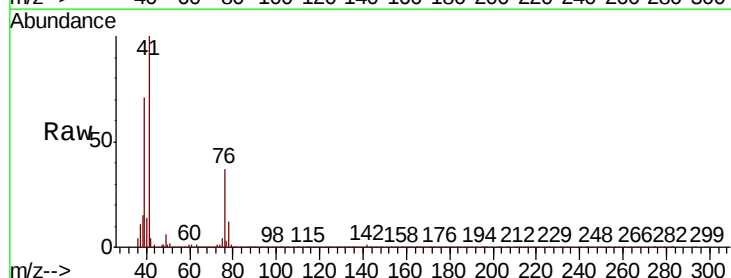
Tgt Ion: 41 Resp: 208639

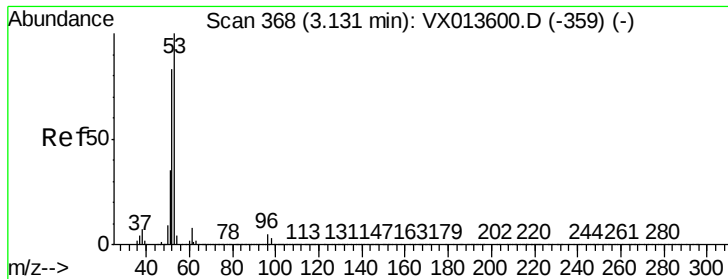
Ion Ratio Lower Upper

41 100

39 65.0 51.7 77.5

76 32.6 25.9 38.9





#15

Acrylonitrile

Concen: 105.771 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

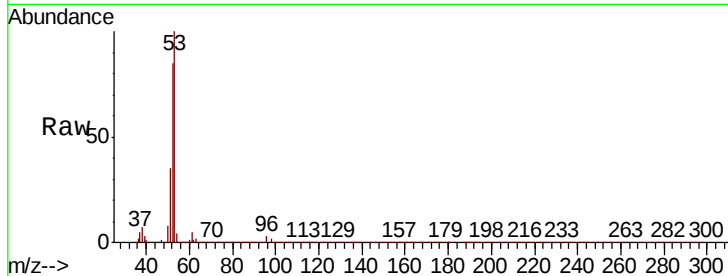
Tot Ion: 53 Resp: 395081

Ion Ratio Lower Upper

53 100

52 81.5 66.2 99.2

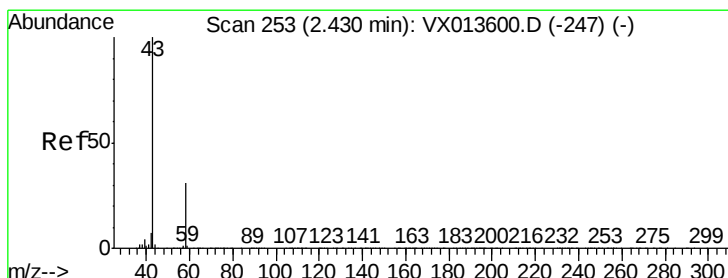
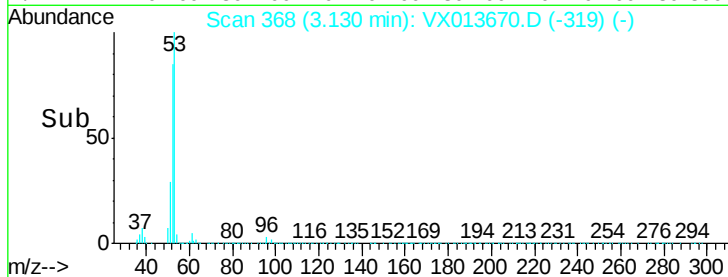
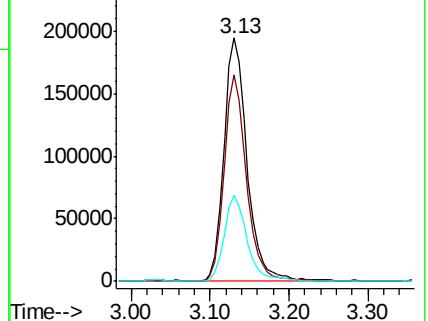
51 34.9 29.0 43.6



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: 93.373 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013670.D

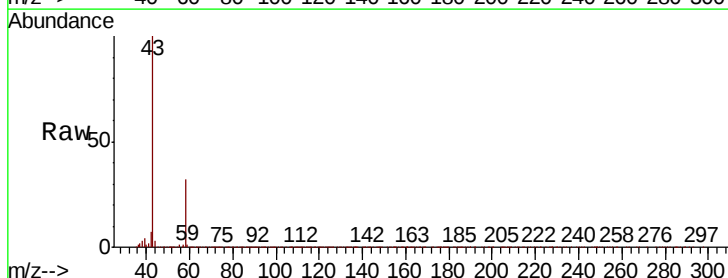
Acq: 27 Nov 2019 23:14

Tgt Ion: 43 Resp: 337962

Ion Ratio Lower Upper

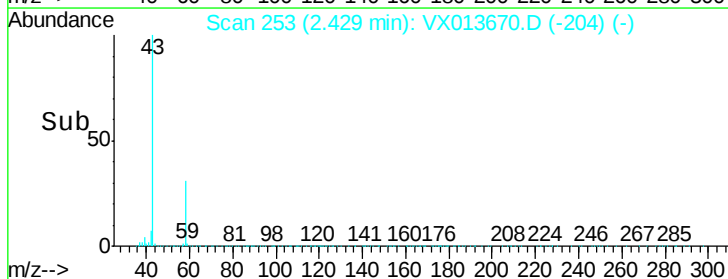
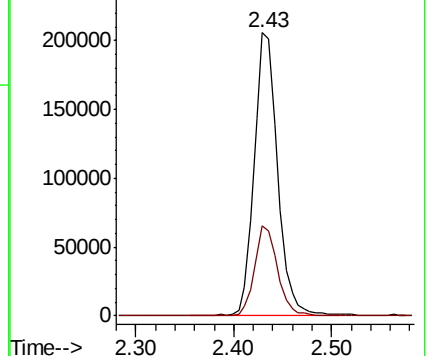
43 100

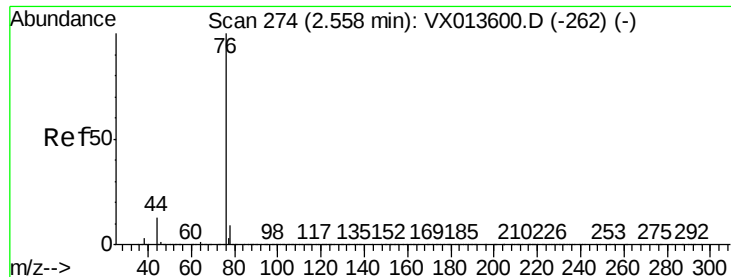
58 31.6 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.943 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

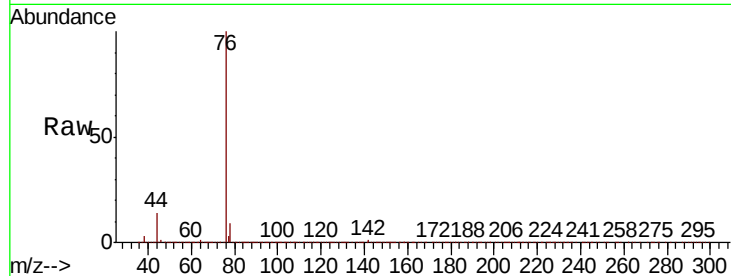
VX1127WBSD03

Tot Ion: 76 Resp: 307429

Ion Ratio Lower Upper

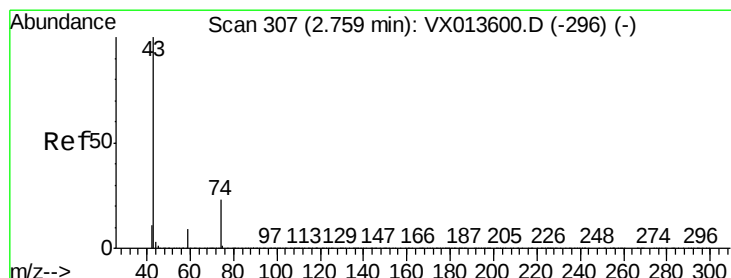
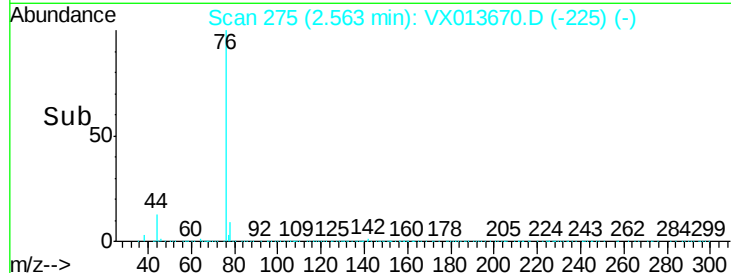
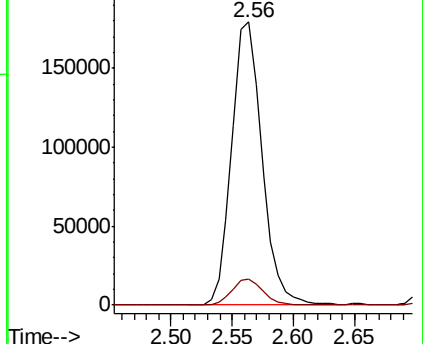
76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.178 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013670.D

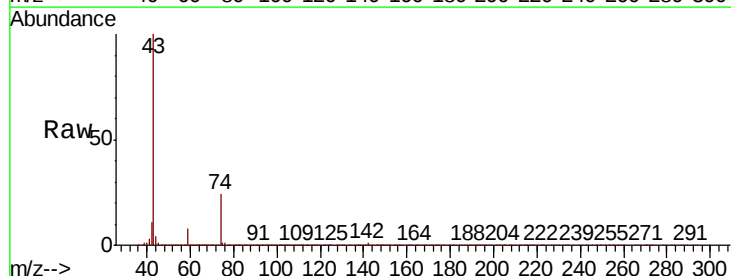
Acq: 27 Nov 2019 23:14

Tgt Ion: 43 Resp: 223533

Ion Ratio Lower Upper

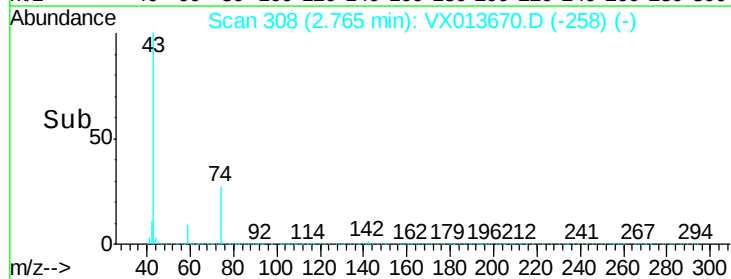
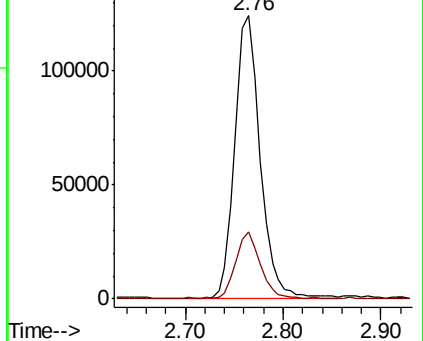
43 100

74 22.9 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



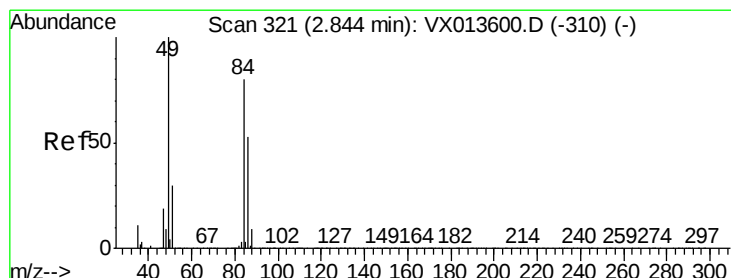
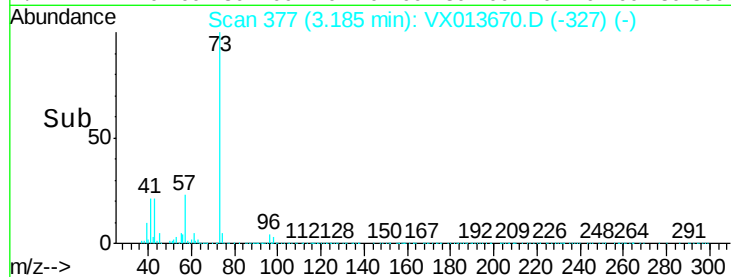
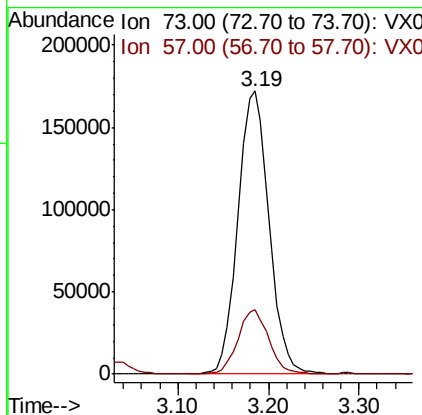
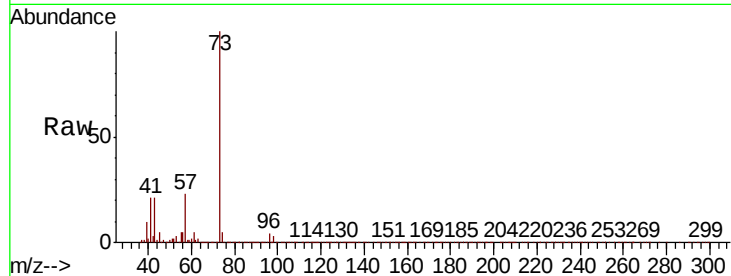


#19

Methyl tert-butyl Ether
 Concen: 20.449 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX013670.D
 Acq: 27 Nov 2019 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD03

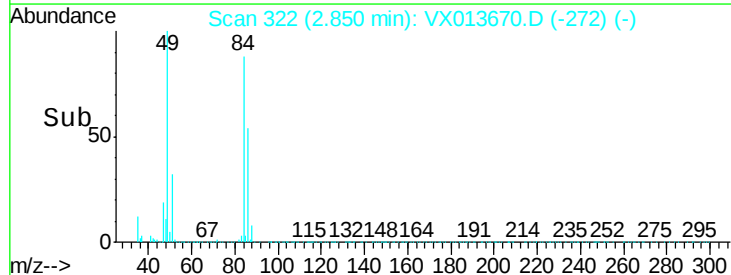
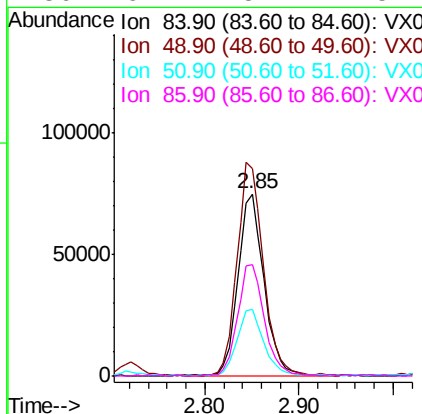
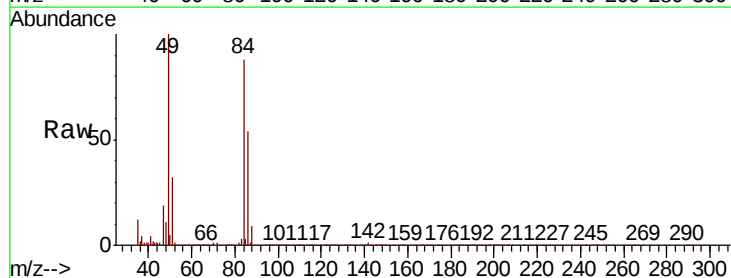
Tot Ion: 73 Resp: 407160
 Ion Ratio Lower Upper
 73 100
 57 22.9 18.3 27.5

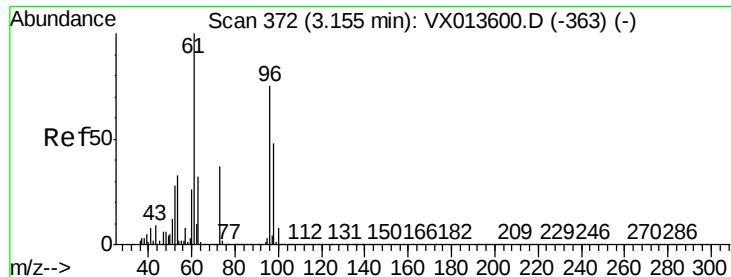


#20

Methylene Chloride
 Concen: 20.483 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX013670.D
 Acq: 27 Nov 2019 23:14

Tgt Ion: 84 Resp: 142429
 Ion Ratio Lower Upper
 84 100
 49 113.4 99.7 149.5
 51 36.2 29.9 44.9
 86 61.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 18.949 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

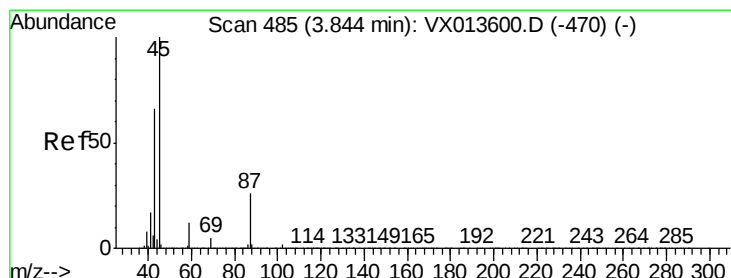
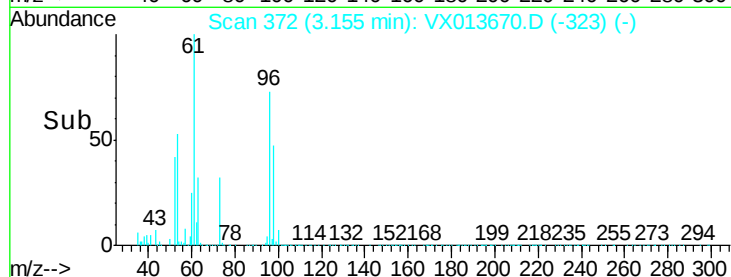
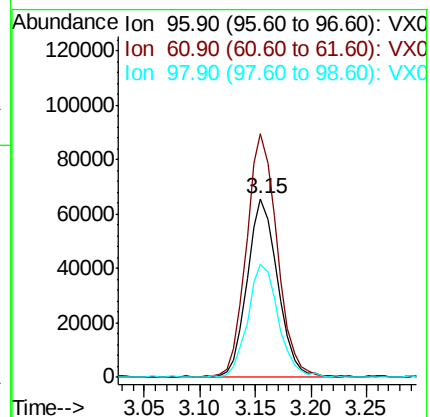
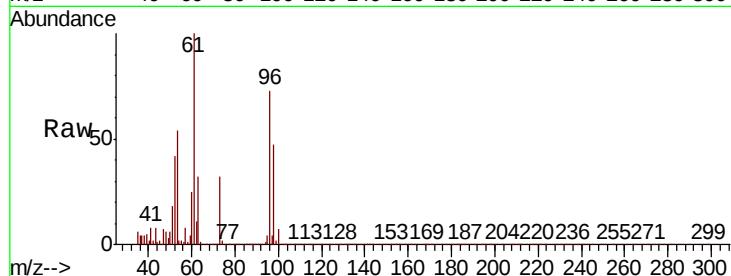
Tot Ion: 96 Resp: 124074

Ion Ratio Lower Upper

96 100

61 136.3 107.2 160.8

98 63.2 51.4 77.0



#22

Diisopropyl ether

Concen: 20.644 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Tgt Ion: 45 Resp: 433573

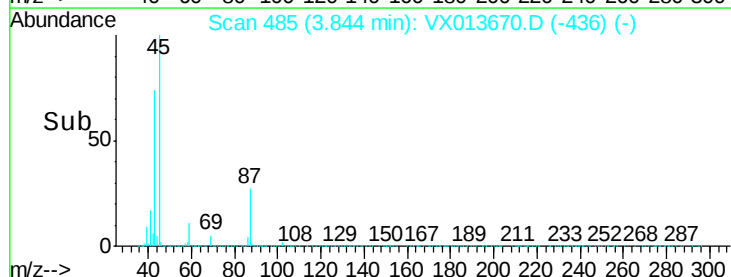
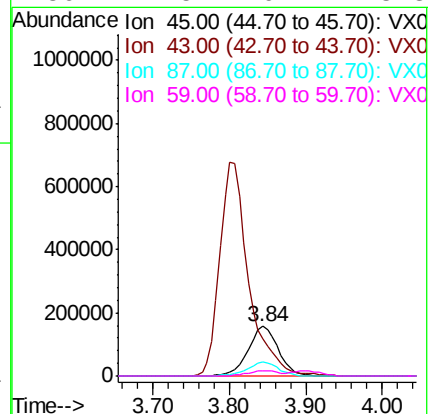
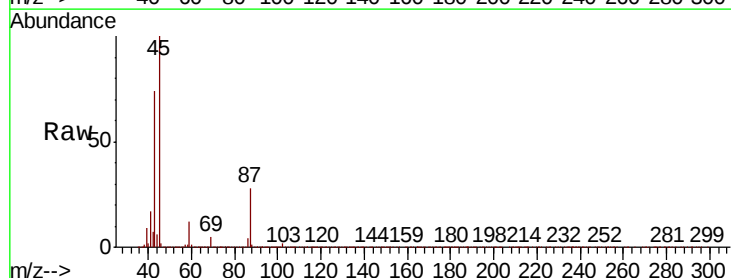
Ion Ratio Lower Upper

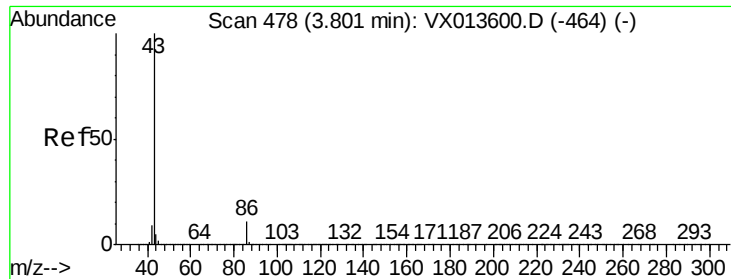
45 100

43 73.6 52.6 79.0

87 27.3 21.1 31.7

59 11.5 9.2 13.8

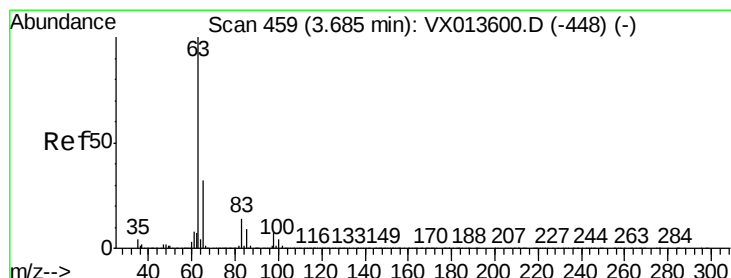
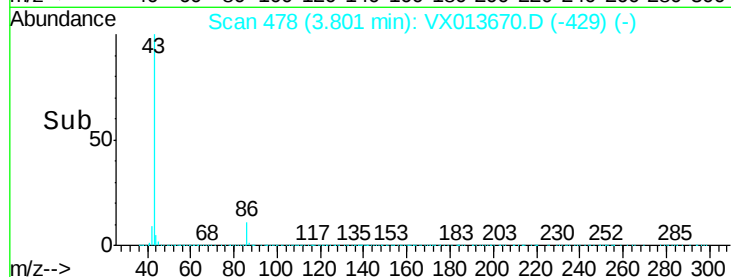
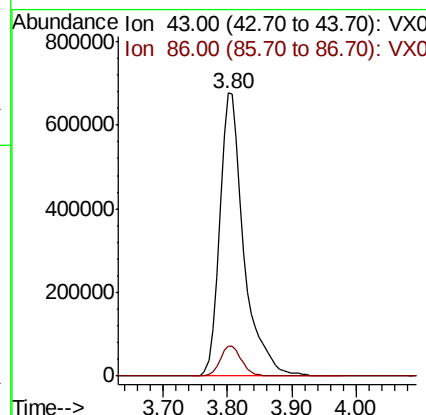
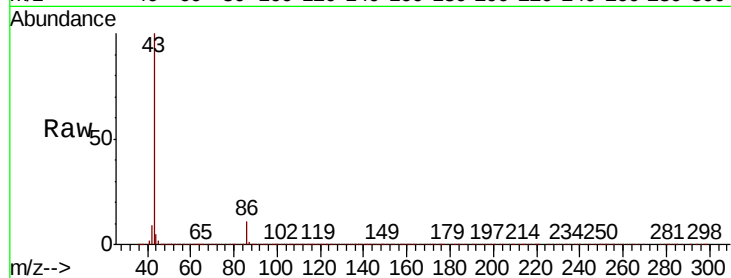




#23
 Vinyl Acetate
 Concen: 101.732 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX013670.D
 Acq: 27 Nov 2019 23:14

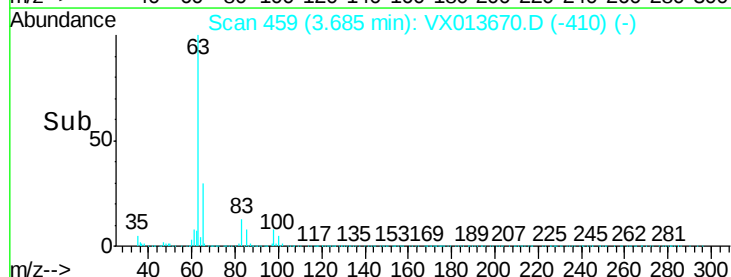
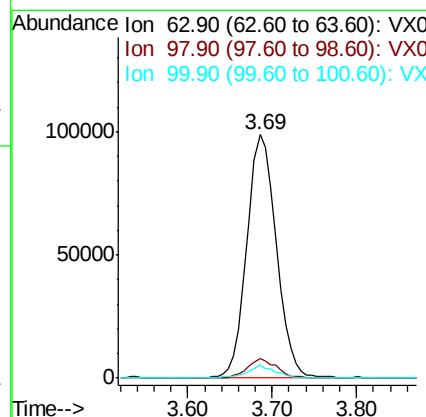
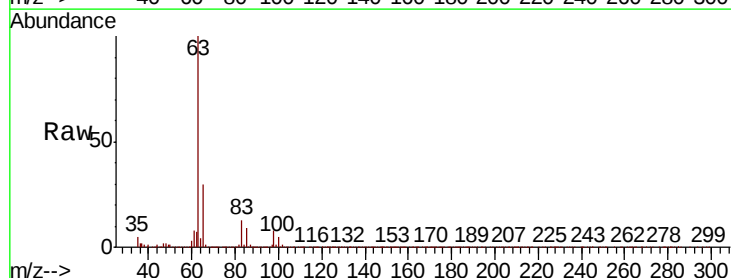
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD03

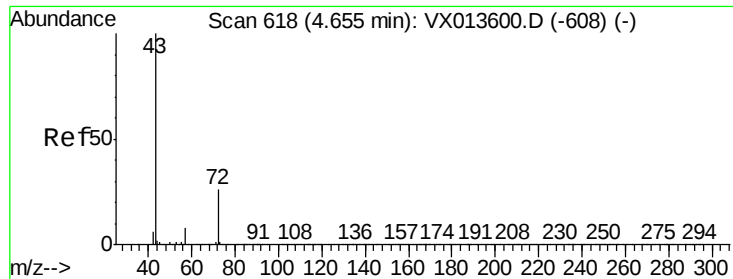
Tot Ion: 43 Resp: 1777485
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 20.238 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013670.D
 Acq: 27 Nov 2019 23:14

Tgt Ion: 63 Resp: 232362
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.4
 100 5.2 2.1 6.3





#25

2-Butanone

Concen: 102.107 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

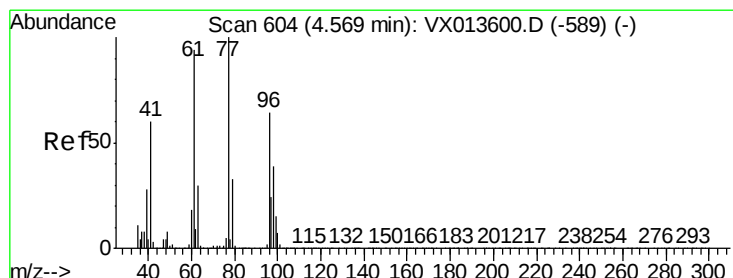
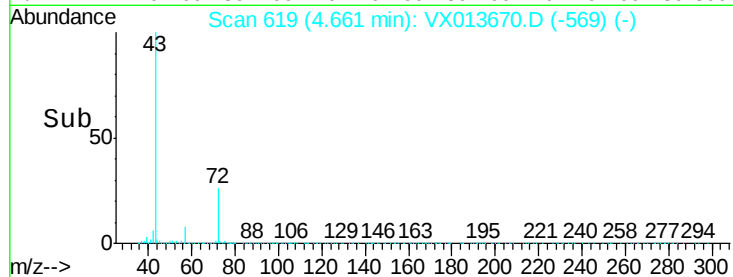
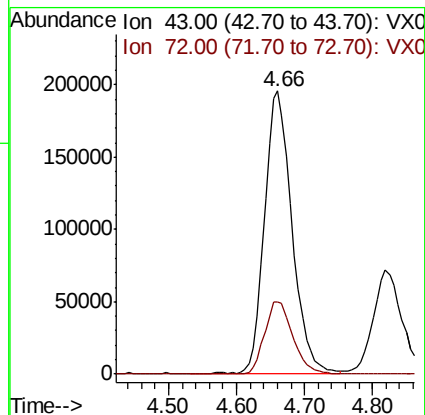
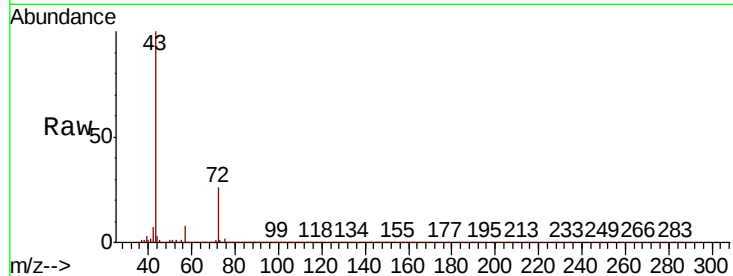
VX1127WBSD03

Tot Ion: 43 Resp: 549255

Ion Ratio Lower Upper

43 100

72 25.7 20.6 31.0



#26

2,2-Dichloropropane

Concen: 16.115 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013670.D

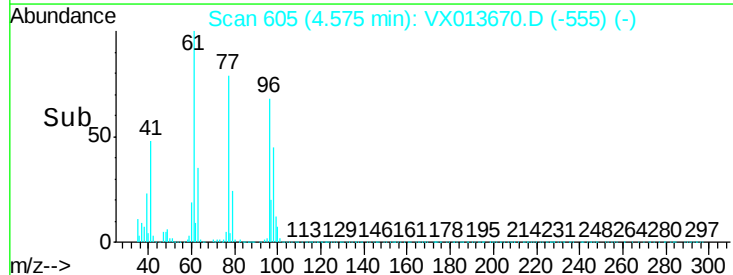
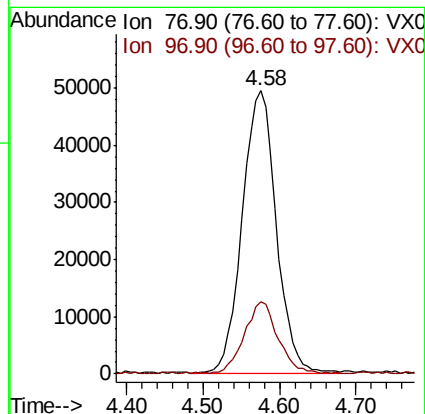
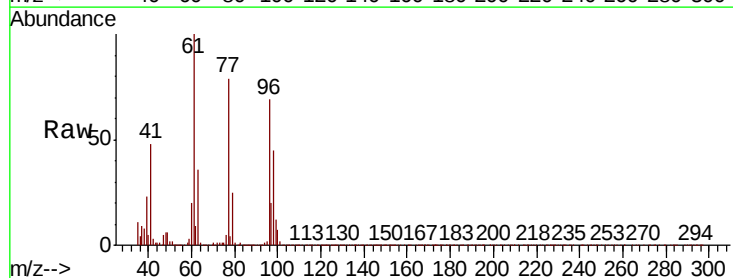
Acq: 27 Nov 2019 23:14

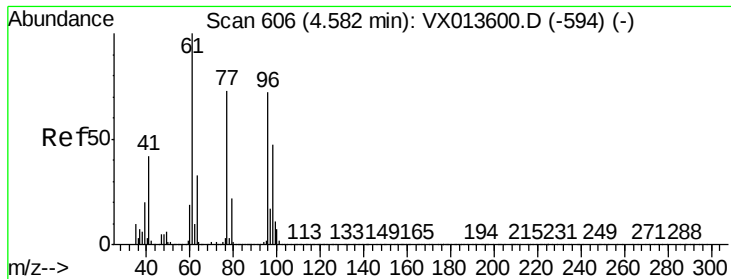
Tgt Ion: 77 Resp: 153084

Ion Ratio Lower Upper

77 100

97 25.6 12.0 36.1



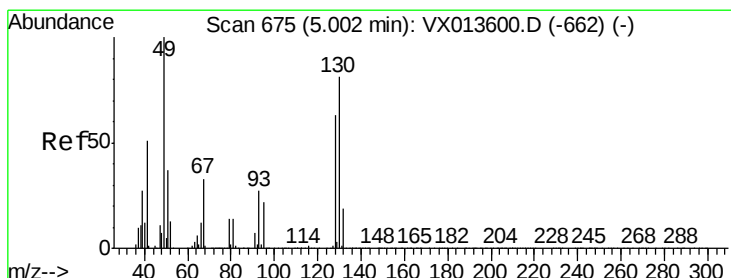
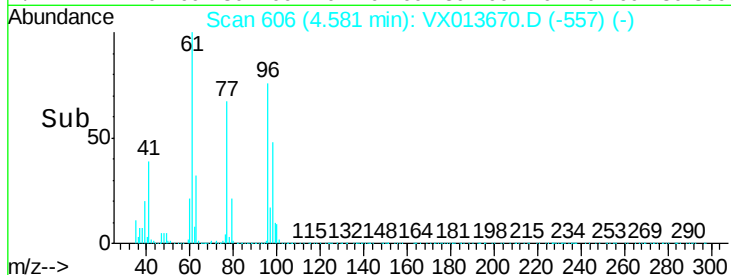
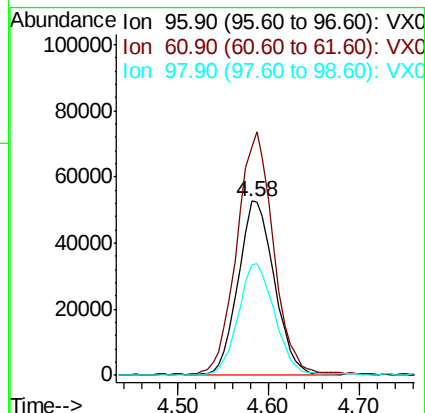
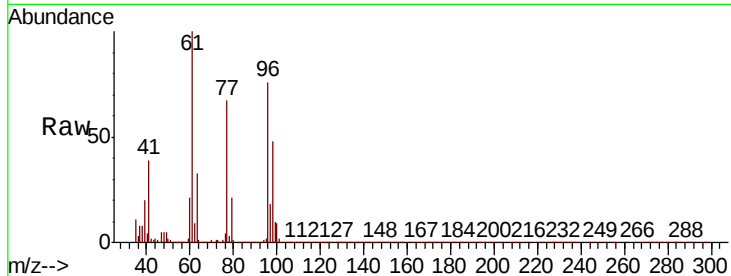


#27

cis-1,2-Dichloroethene
Concen: 19.370 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

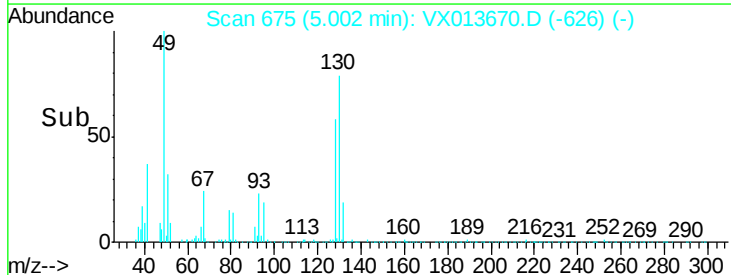
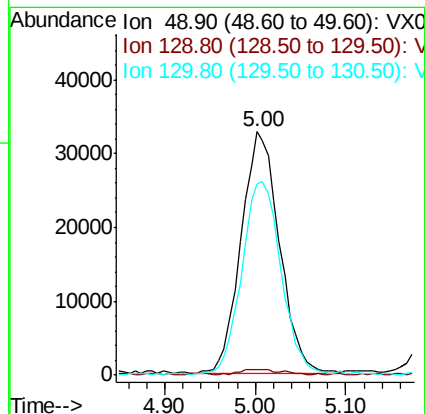
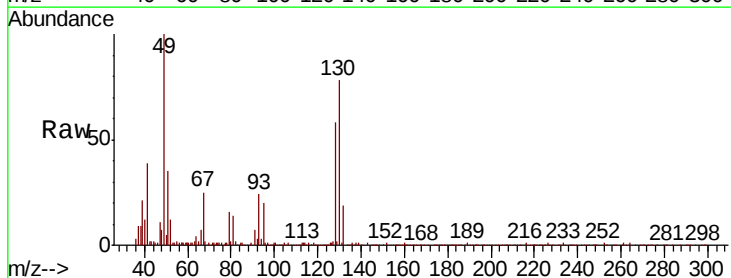
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	286.4
98	64.5	0.0	127.4

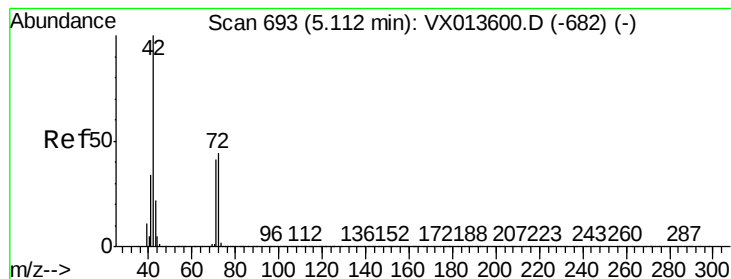


#28

Bromochloromethane
Concen: 21.119 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	80.9	65.4	98.0





#29

Tetrahydrofuran

Concen: 107.375 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

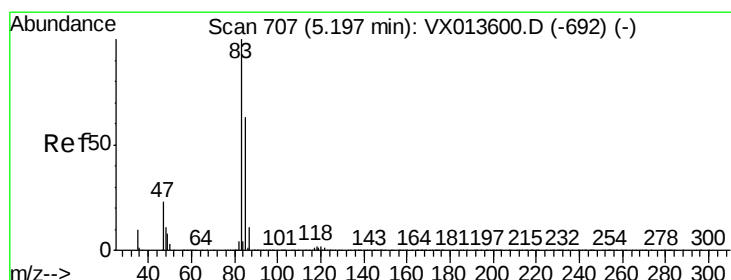
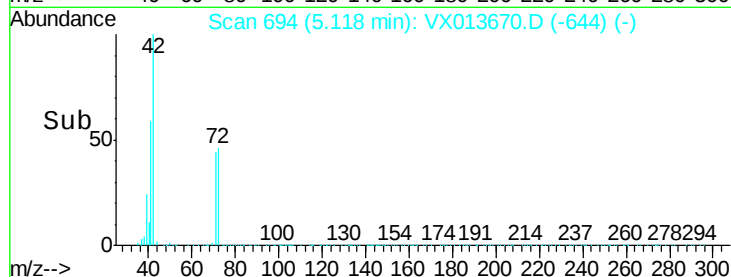
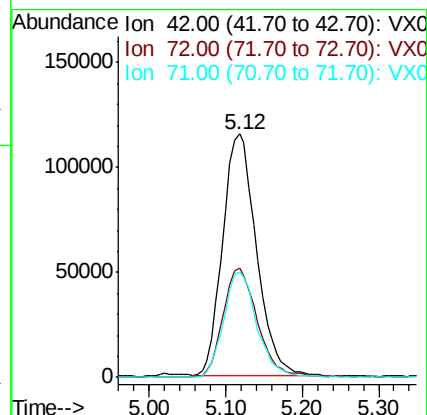
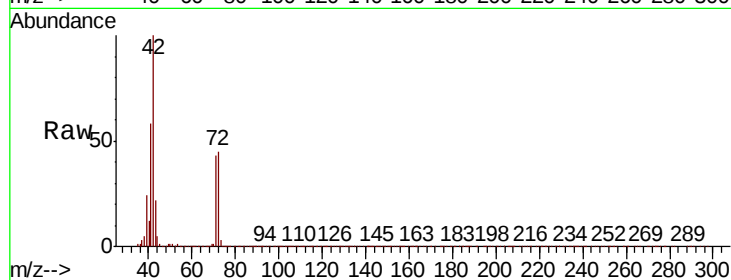
Tot Ion: 42 Resp: 356068

Ion Ratio Lower Upper

42 100

72 45.4 36.3 54.5

71 42.3 33.2 49.8



#30

Chloroform

Concen: 19.243 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013670.D

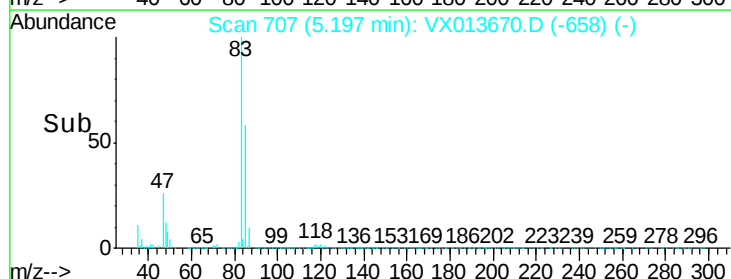
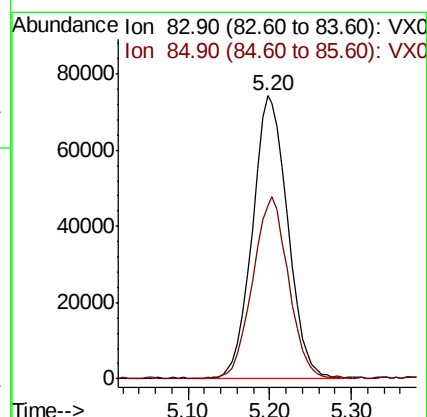
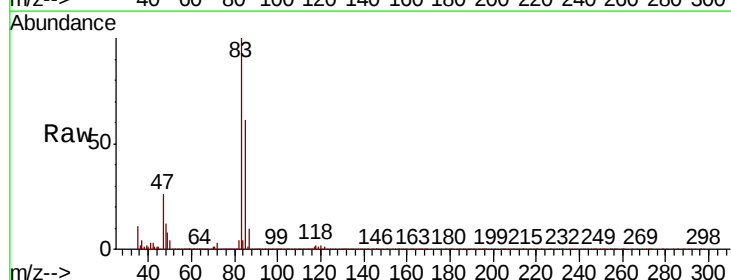
Acq: 27 Nov 2019 23:14

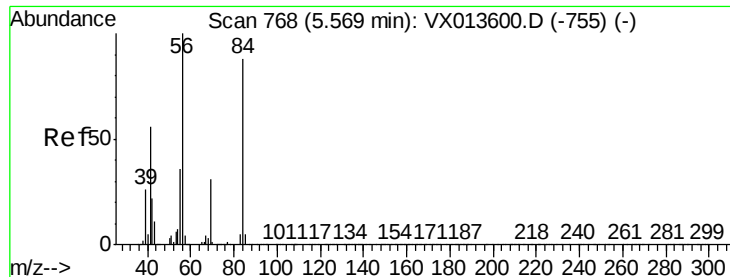
Tgt Ion: 83 Resp: 224072

Ion Ratio Lower Upper

83 100

85 61.3 50.2 75.4

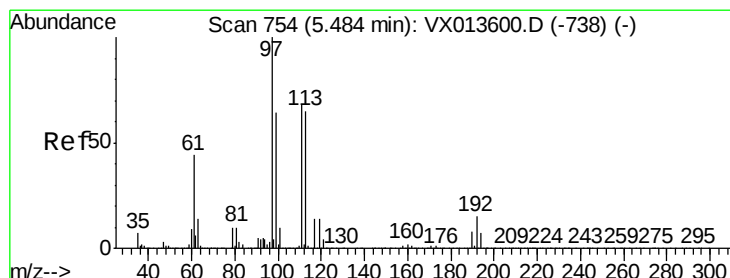
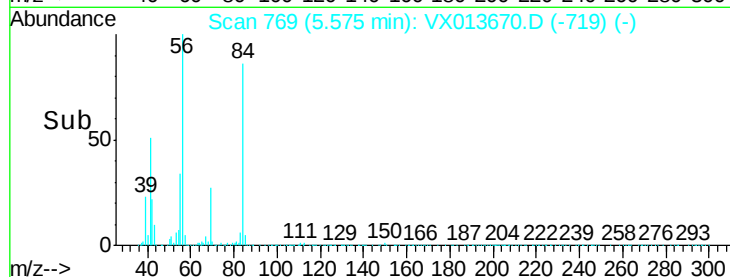
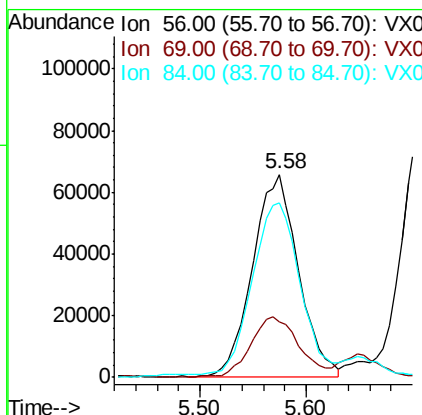
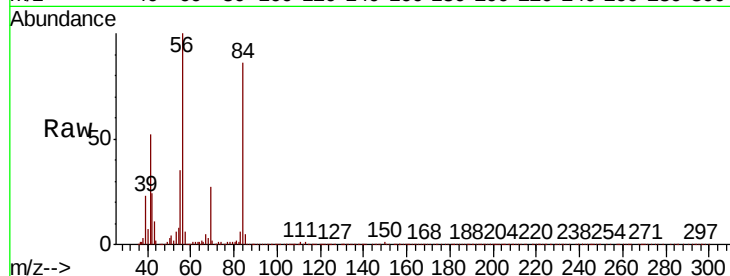




#31
Cyclohexane
Concen: 18.108 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

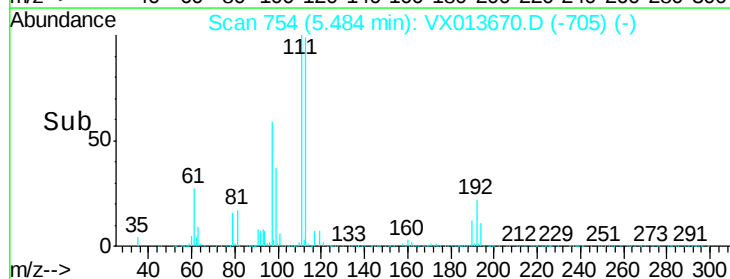
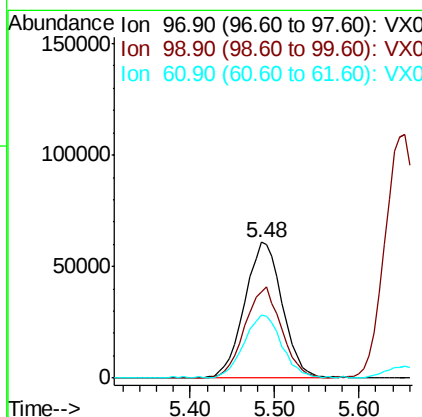
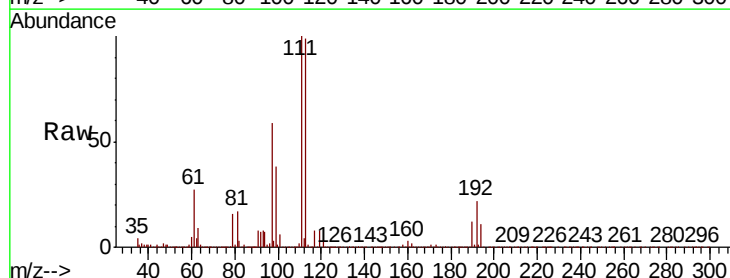
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

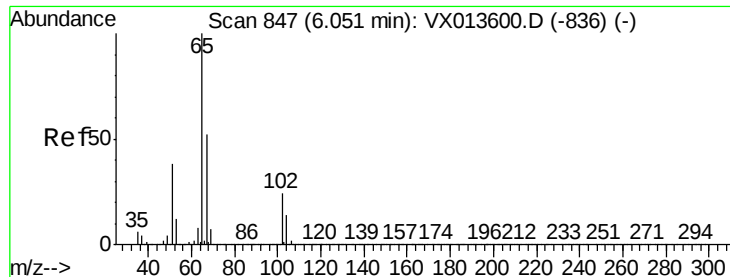
Tot Ion: 56 Resp: 196099
Ion Ratio Lower Upper
56 100
69 27.0 24.6 36.8
84 85.0 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.017 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion: 97 Resp: 185047
Ion Ratio Lower Upper
97 100
99 64.9 51.6 77.4
61 45.8 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 50.136 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

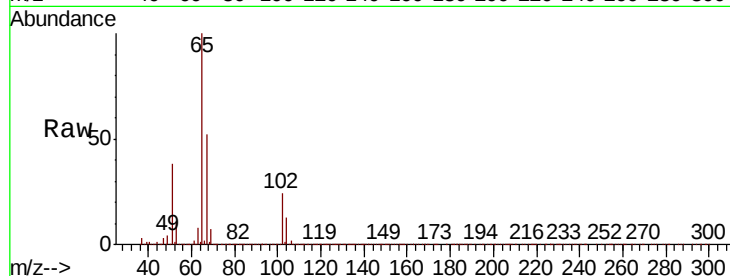
VX1127WBSD03

Tot Ion: 65 Resp: 367552

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

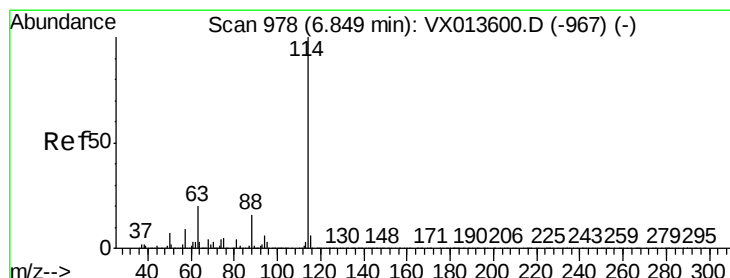
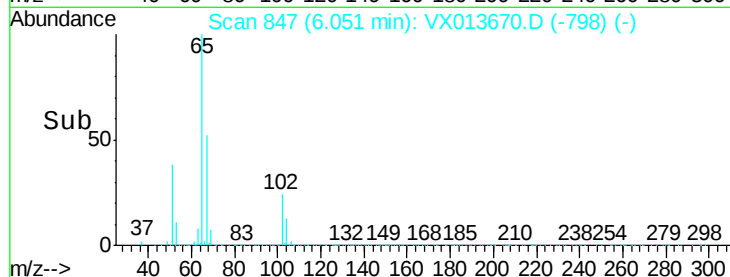
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

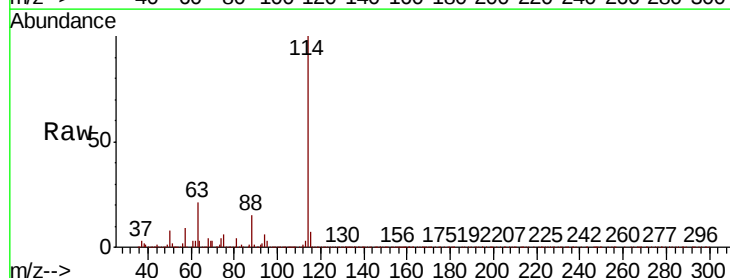
Tgt Ion: 114 Resp: 974138

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.6

88 15.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

500000

400000

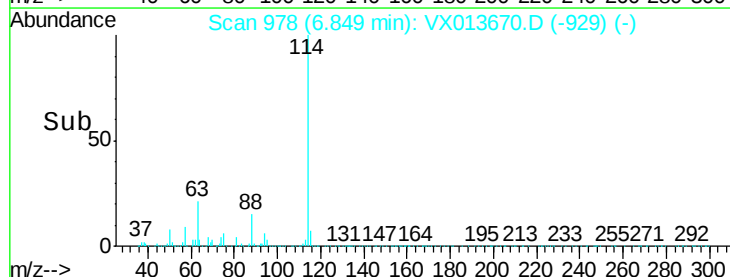
300000

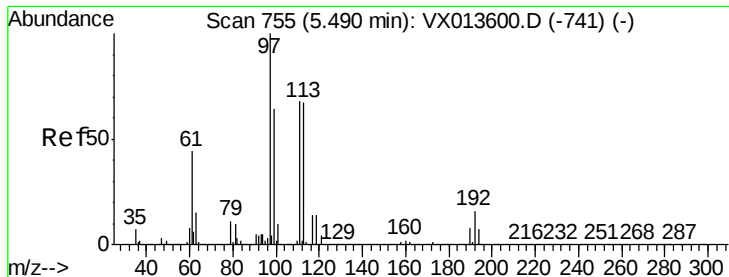
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.229 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

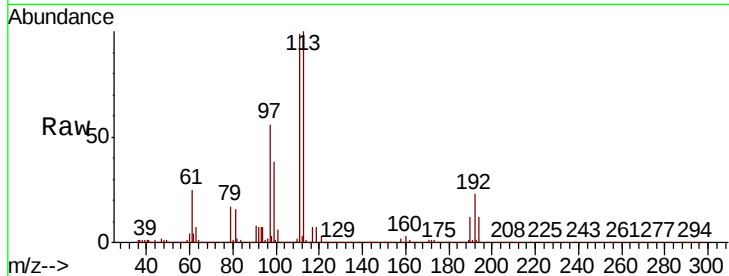
Tot Ion:113 Resp: 302489

Ion Ratio Lower Upper

113 100

111 101.9 83.6 125.4

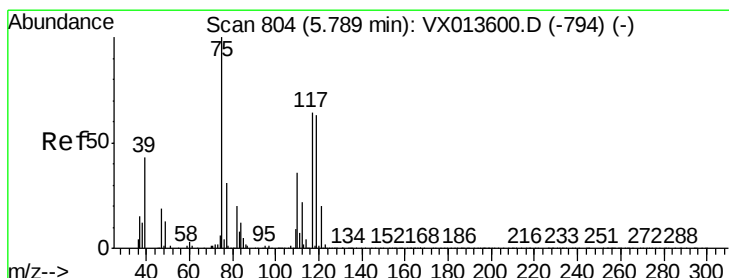
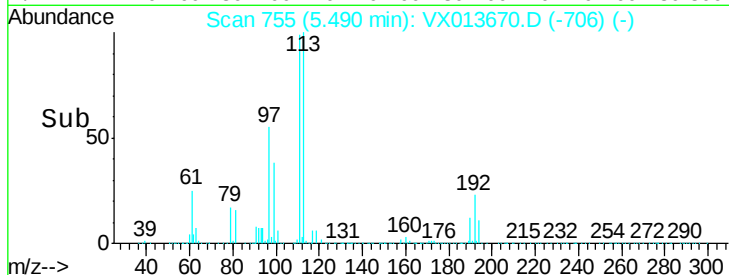
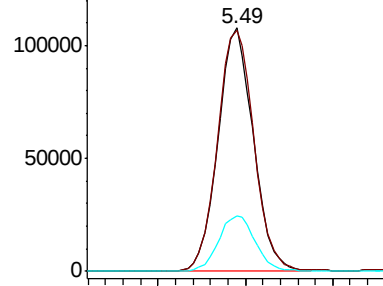
192 23.8 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.524 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

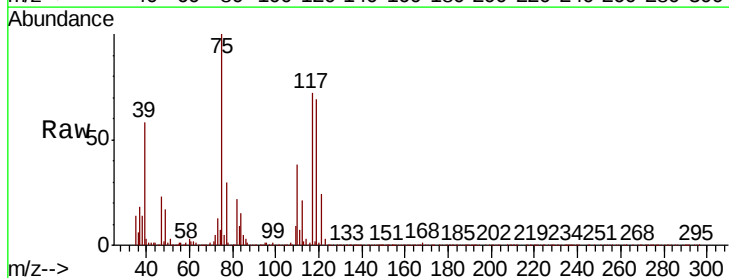
Tgt Ion: 75 Resp: 163806

Ion Ratio Lower Upper

75 100

110 37.0 18.1 54.1

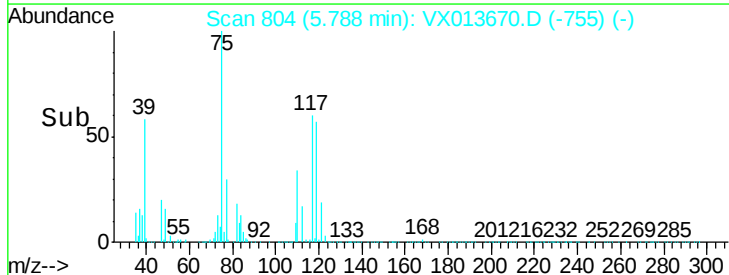
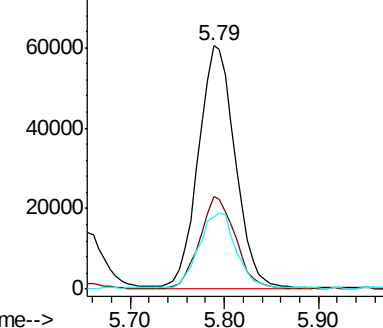
77 30.6 24.5 36.7

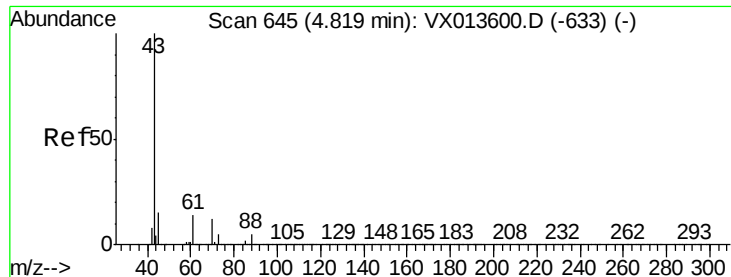


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

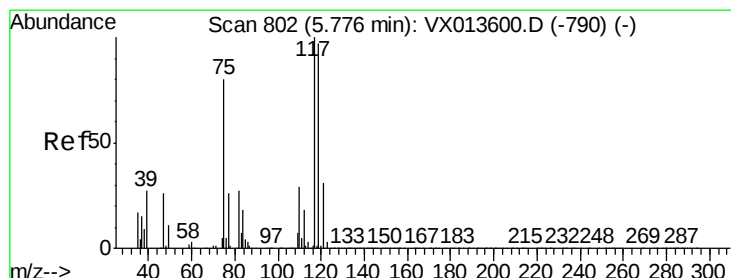
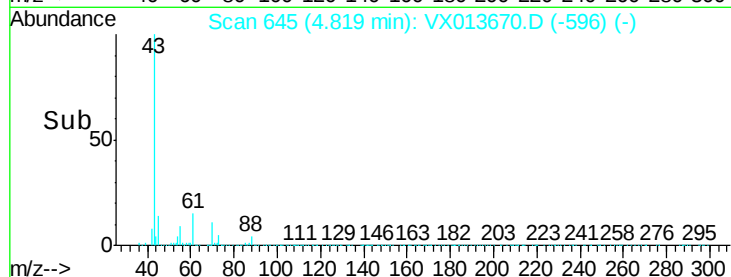
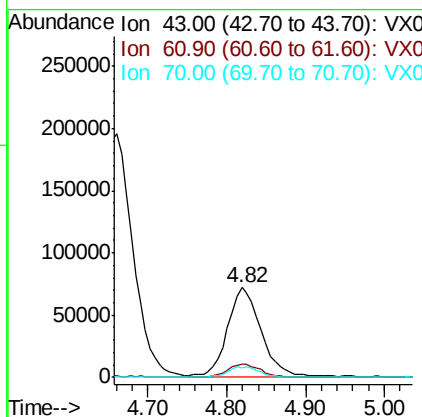
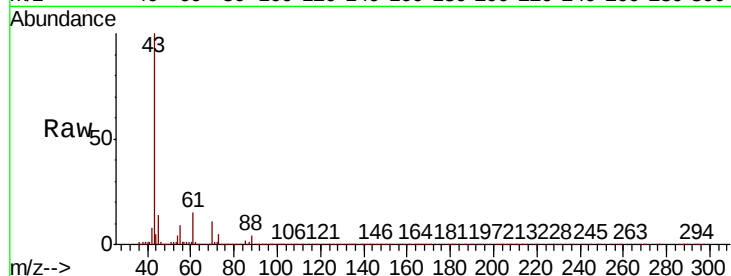




#37
Ethyl Acetate
Concen: 21.235 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

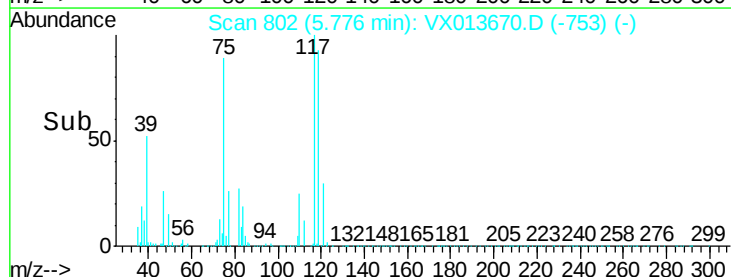
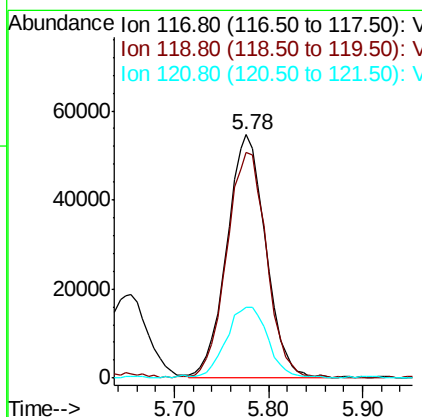
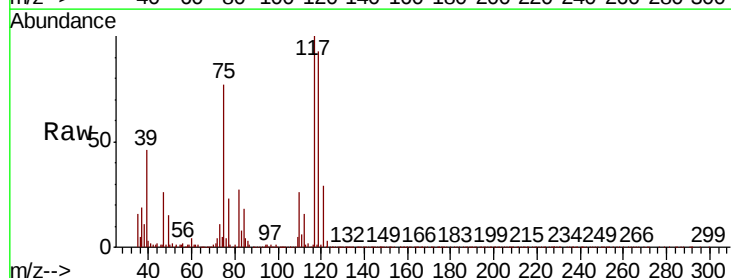
Instrument :
MSVOA_X
ClientSampleID :
VX1127WBSD03

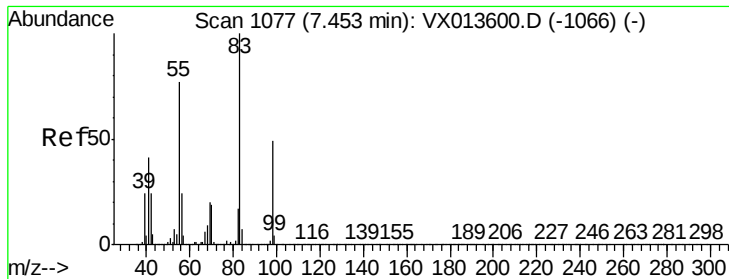
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.0	16.4
70	11.5	8.6	12.8



#38
Carbon Tetrachloride
Concen: 19.109 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.5	116.3
121	29.1	25.0	37.6

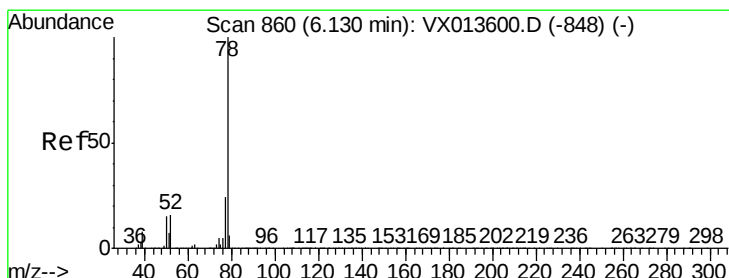
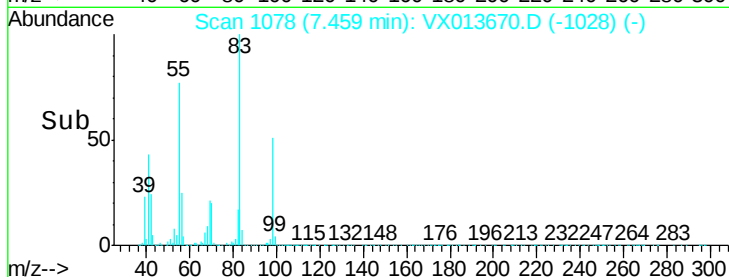
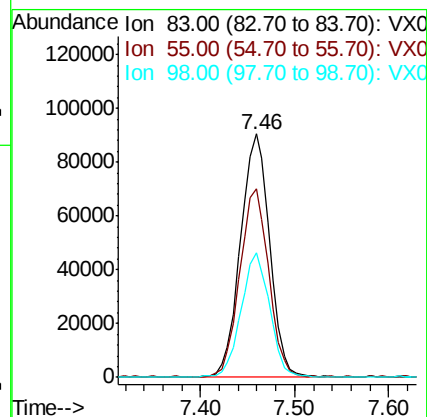
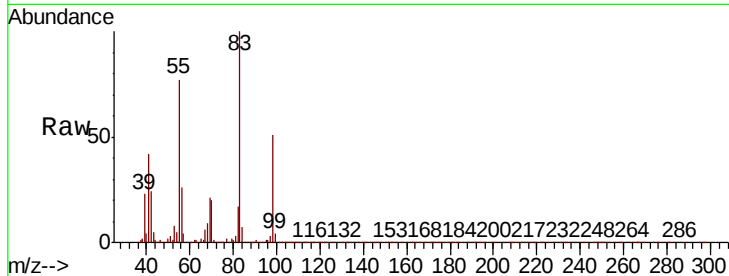




#39
Methvlcvclohexane
Concen: 17.806 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

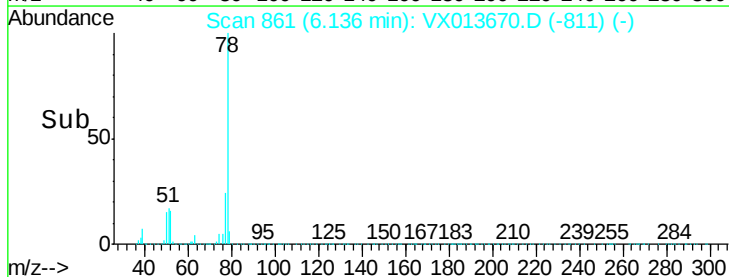
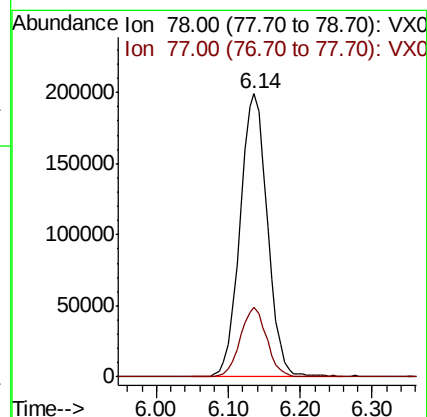
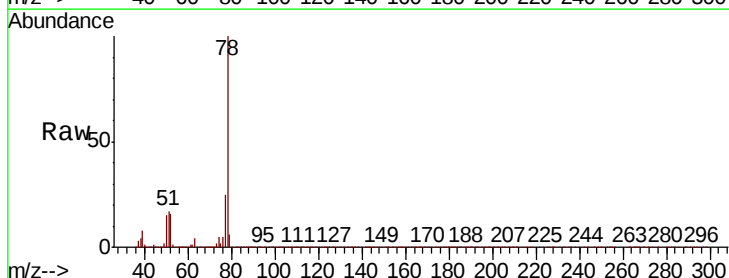
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

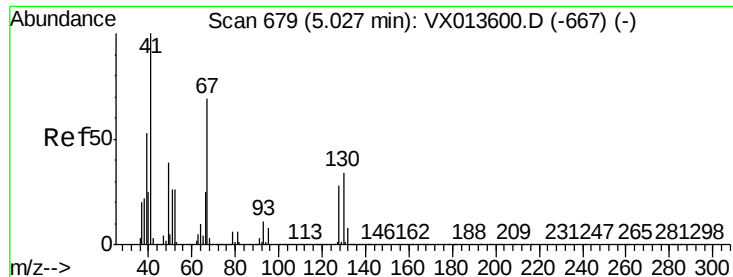
Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	61.9	92.9
98	51.0	39.4	59.0



#40
Benzene
Concen: 19.485 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.4

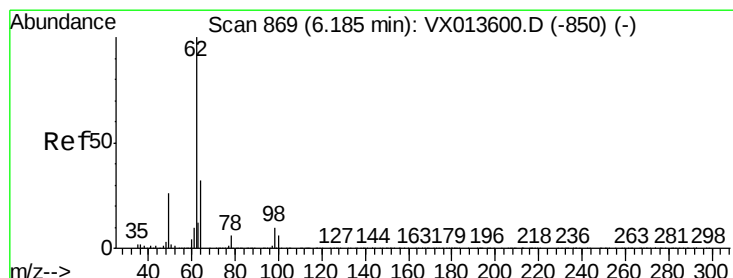
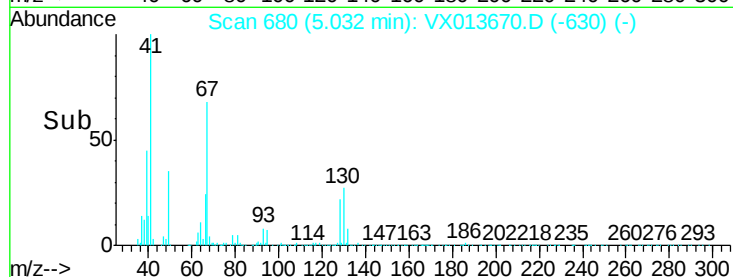
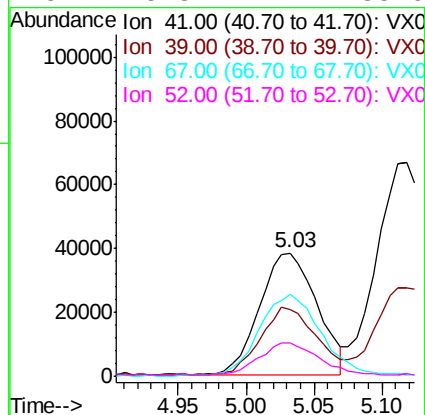
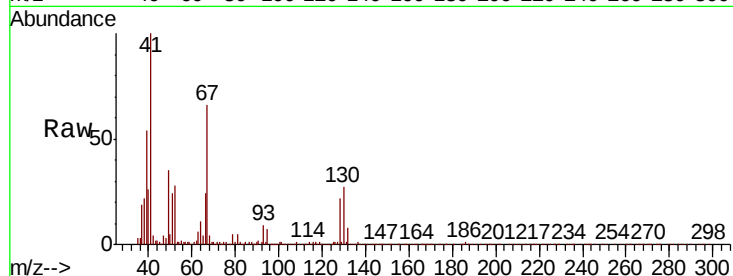




#41
Methacrylonitrile
Concen: 20.657 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

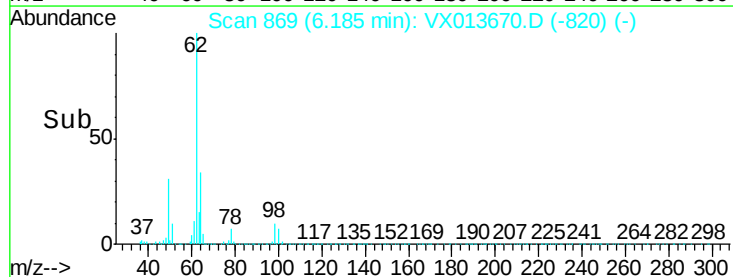
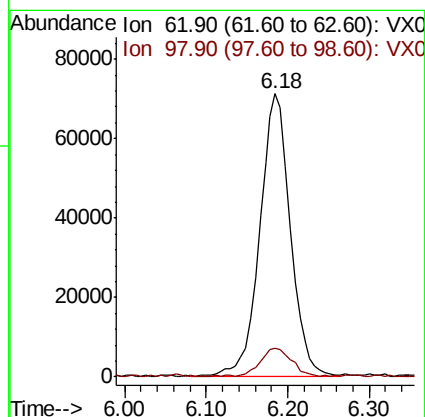
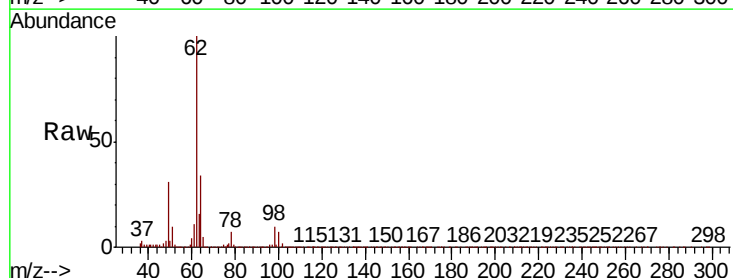
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

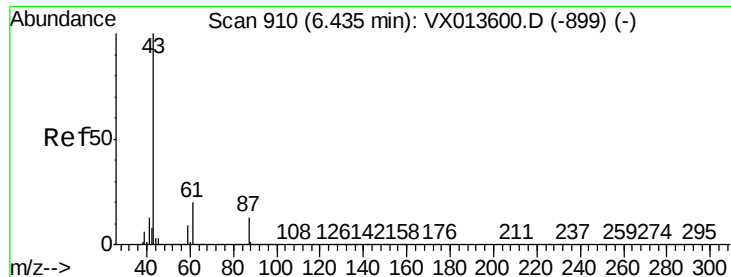
Tot Ion:	41	Resp:	112383
Ion	Ratio	Lower	Upper
41	100		
39	55.7	42.9	64.3
67	73.2	57.4	86.0
52	28.3	22.4	33.6



#42
1,2-Dichloroethane
Concen: 19.986 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion:	62	Resp:	183571
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.8



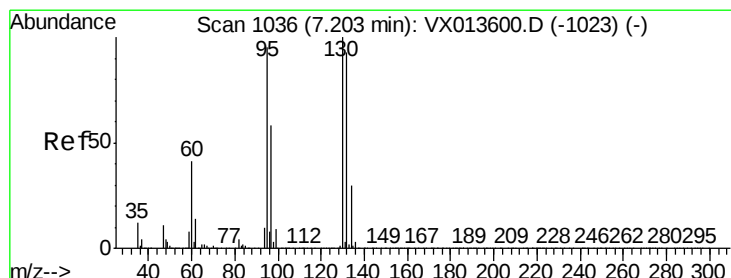
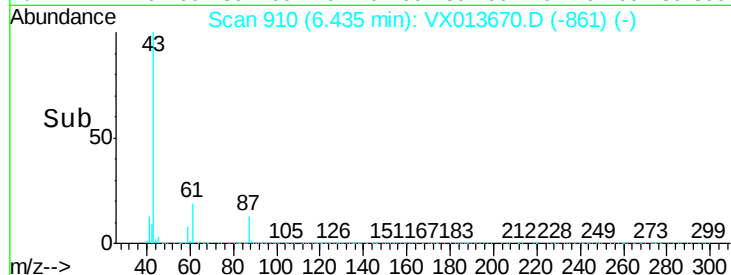
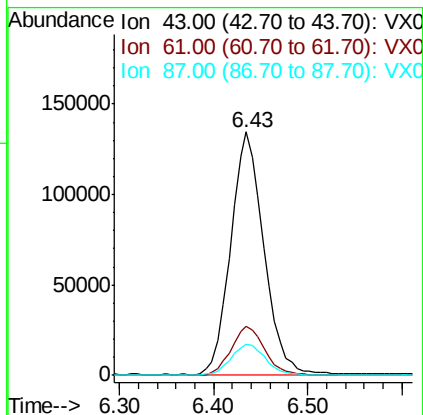
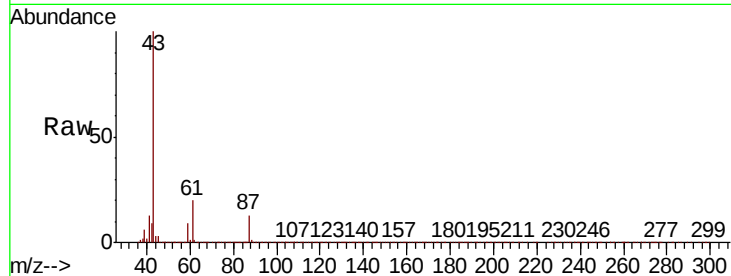


#43

Isopropyl Acetate
 Concen: 20.054 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013670.D
 Acq: 27 Nov 2019 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD03

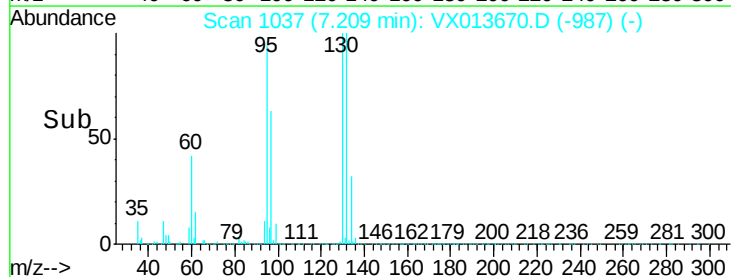
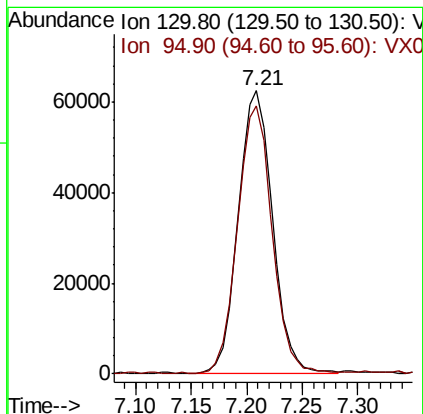
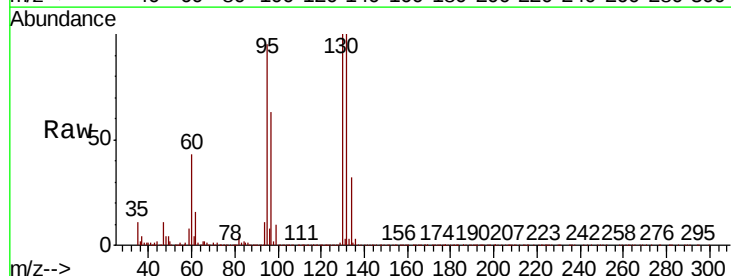
Tot Ion	43	Resp	327520
Ion Ratio	Lower	Upper	
43	100		
61	20.6	16.3	24.5
87	13.2	10.8	16.2

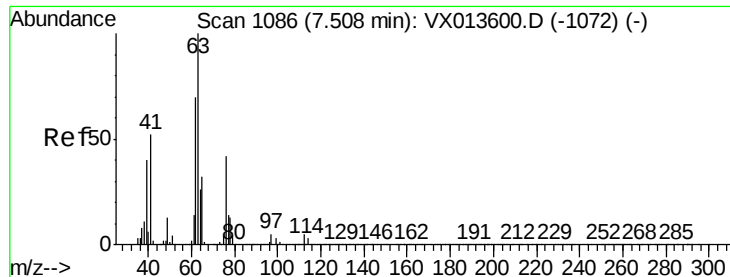


#44

Trichloroethene
 Concen: 18.097 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013670.D
 Acq: 27 Nov 2019 23:14

Tgt Ion	130	Resp	133766
Ion Ratio	Lower	Upper	
130	100		
95	94.4	0.0	190.8





#45

1,2-Dichloropropane

Concen: 19.983 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

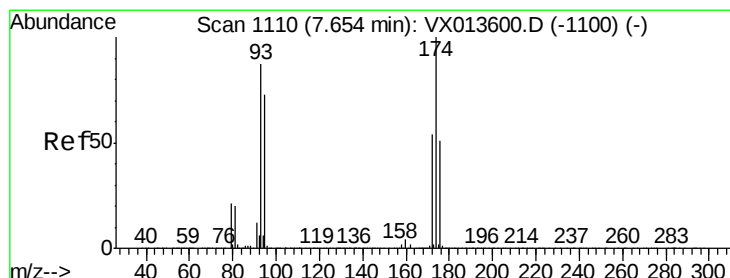
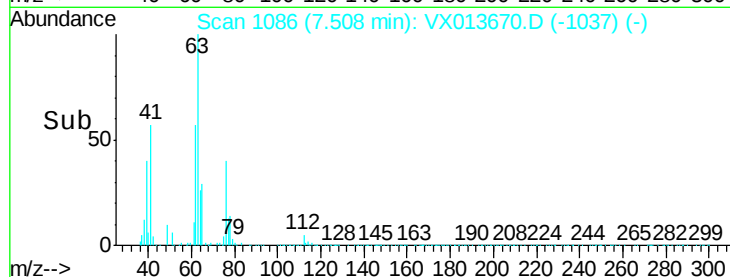
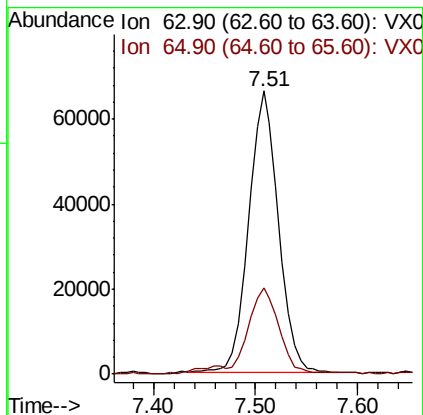
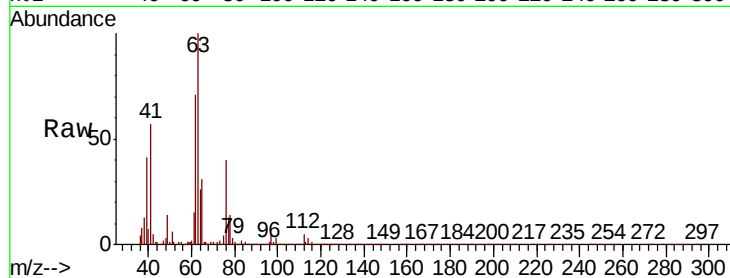
VX1127WBSD03

Tot Ion: 63 Resp: 134654

Ion Ratio Lower Upper

63 100

65 29.9 25.5 38.3



#46

Dibromomethane

Concen: 19.576 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

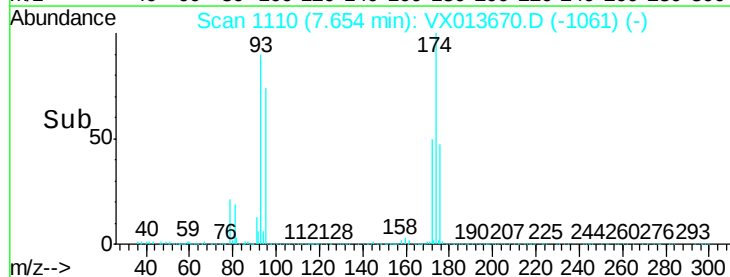
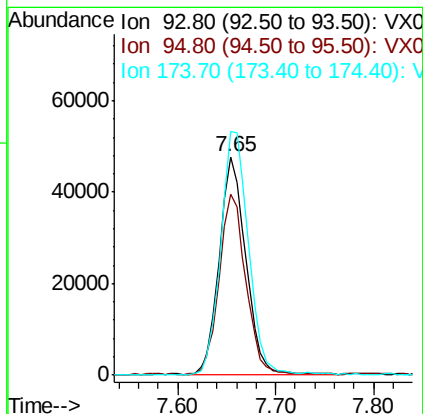
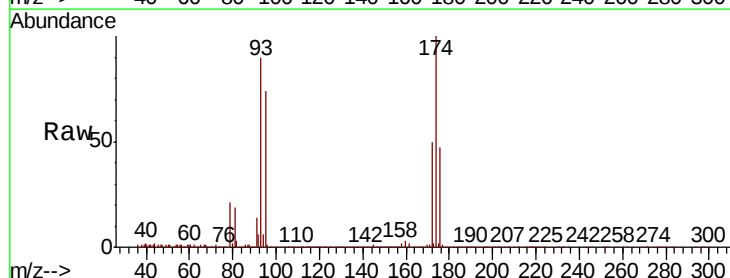
Tgt Ion: 93 Resp: 89590

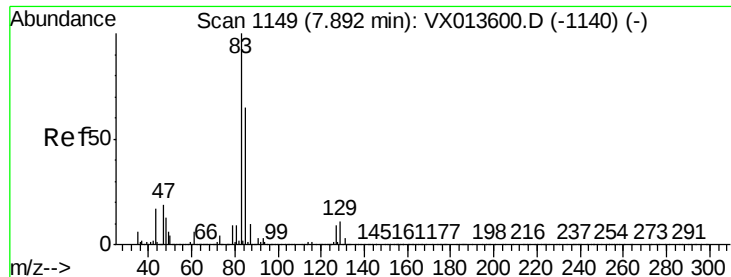
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.2

174 116.6 93.4 140.0





#47

Bromodichloromethane

Concen: 19.438 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

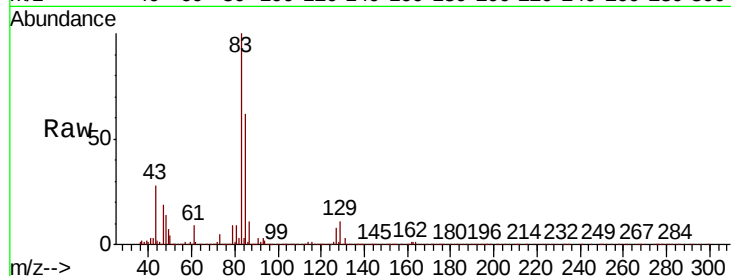
Tot Ion: 83 Resp: 168169

Ion Ratio Lower Upper

83 100

85 62.0 52.1 78.1

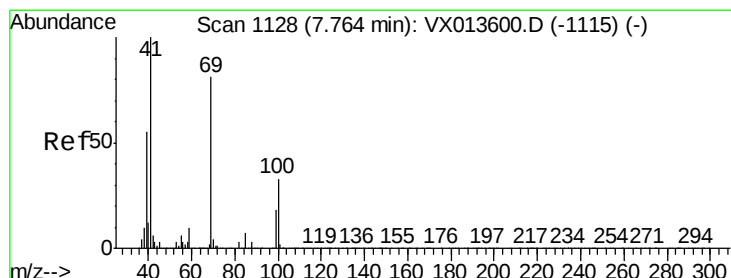
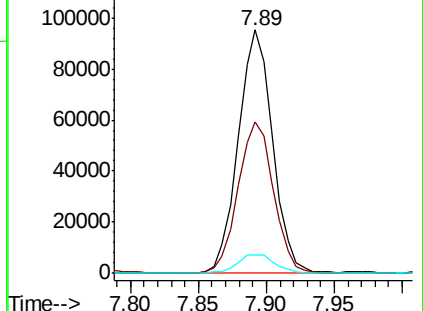
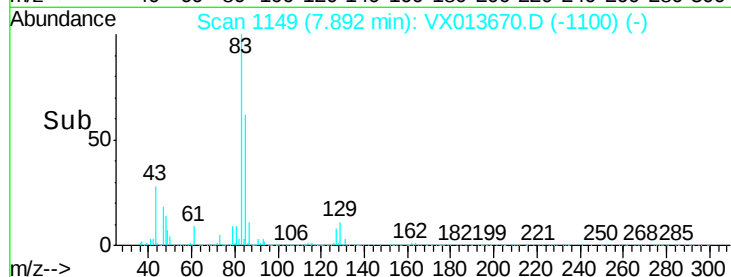
127 7.6 7.0 10.4



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: 20.804 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

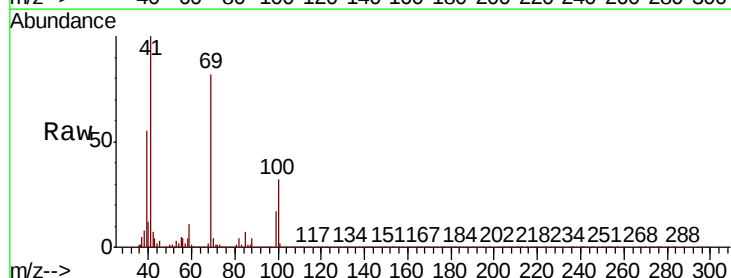
Tgt Ion: 41 Resp: 165082

Ion Ratio Lower Upper

41 100

69 81.1 64.7 97.1

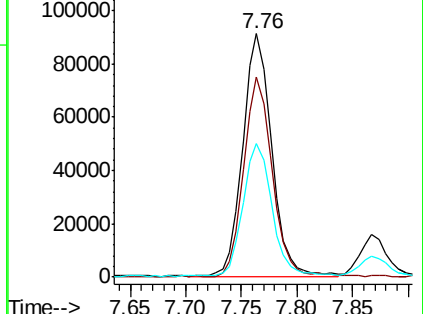
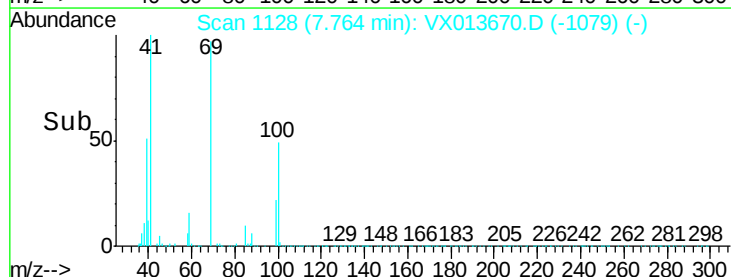
39 53.9 43.8 65.6

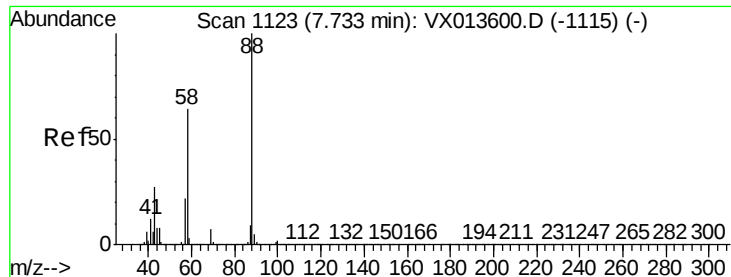


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 391.024 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

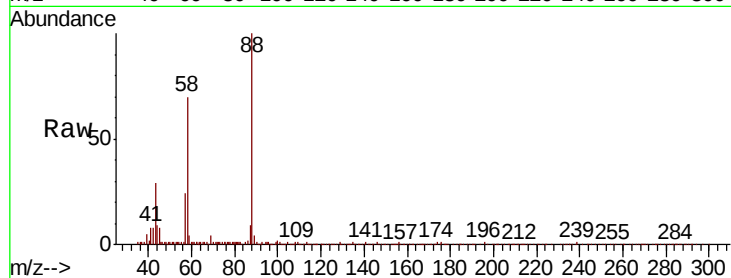
Tot Ion: 88 Resp: 69454

Ion Ratio Lower Upper

88 100

43 33.5 25.8 38.6

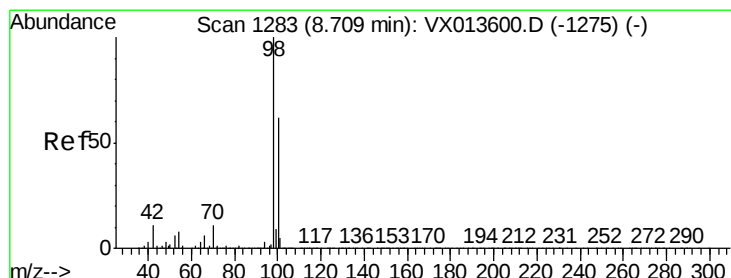
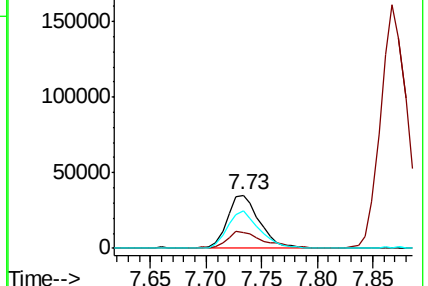
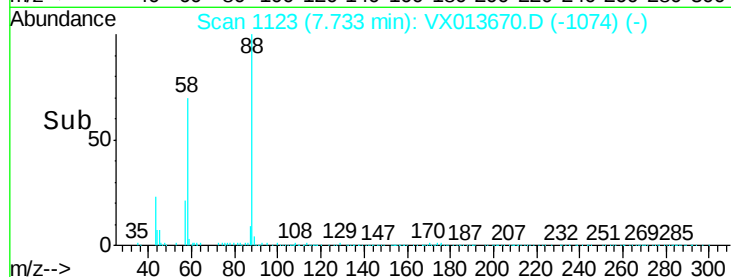
58 70.2 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.499 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013670.D

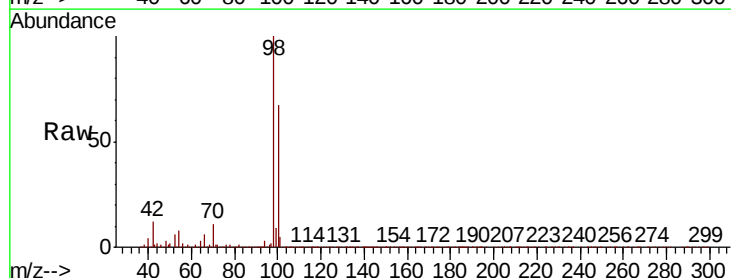
Acq: 27 Nov 2019 23:14

Tgt Ion: 98 Resp: 1137953

Ion Ratio Lower Upper

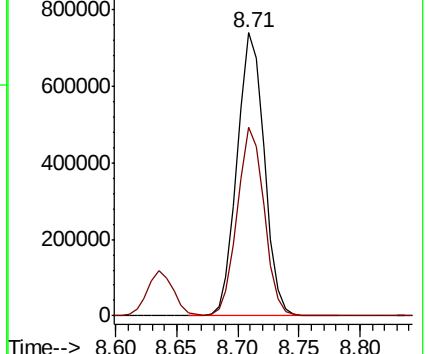
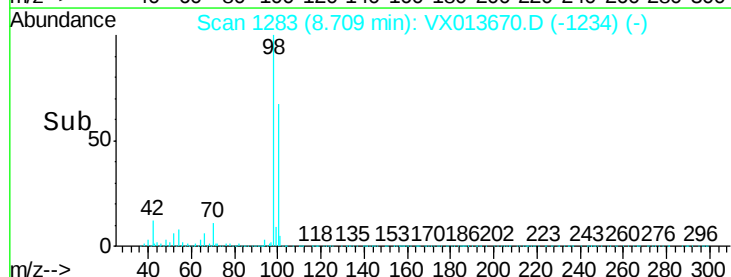
98 100

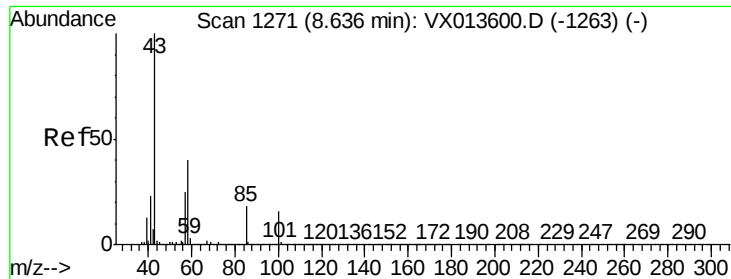
100 65.9 53.1 79.7



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: 104.053 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

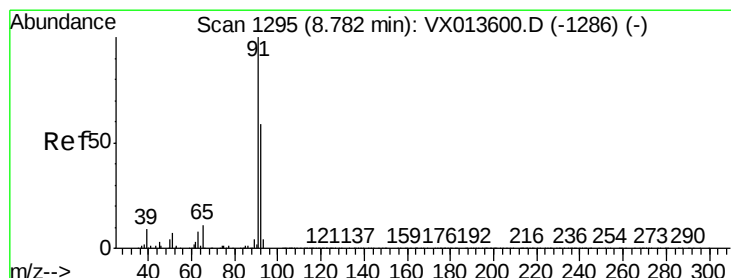
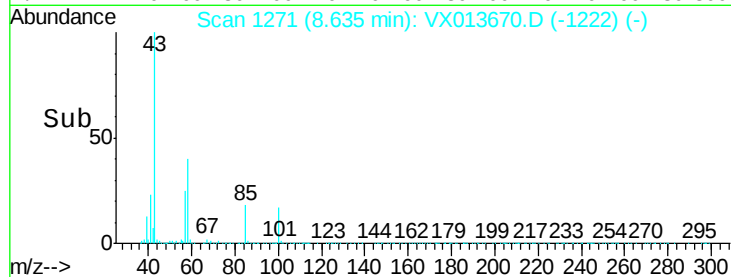
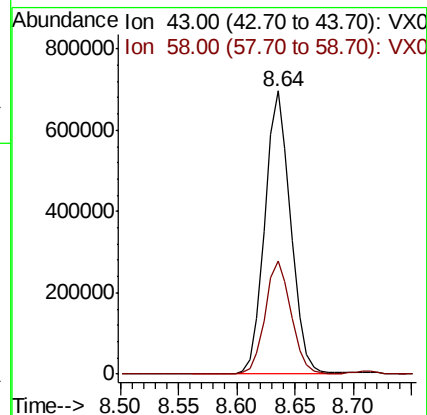
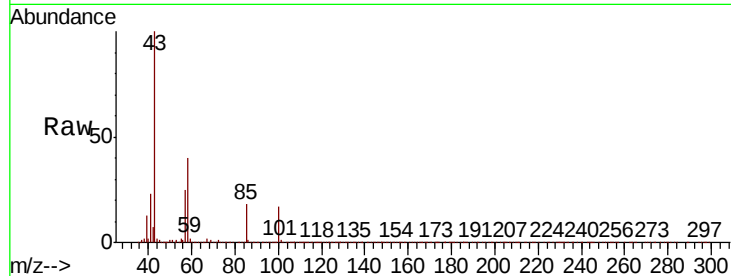
VX1127WBSD03

Tot Ion: 43 Resp: 1068949

Ion Ratio Lower Upper

43 100

58 40.1 32.1 48.1



#52

Toluene

Concen: 19.496 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013670.D

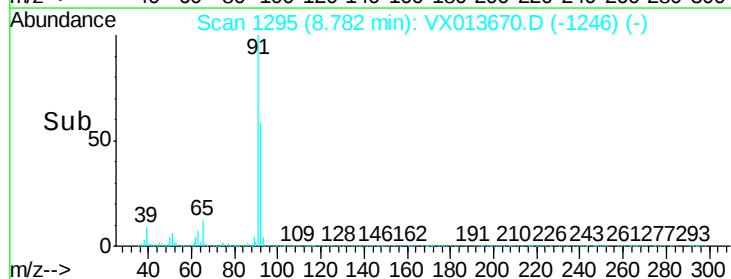
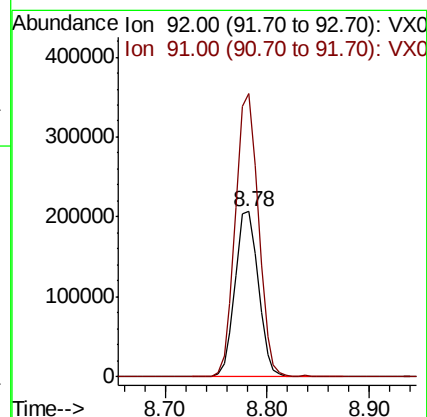
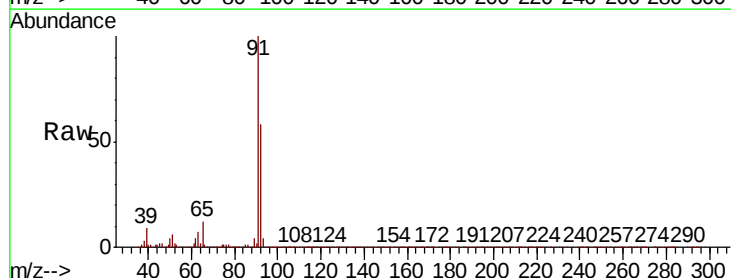
Acq: 27 Nov 2019 23:14

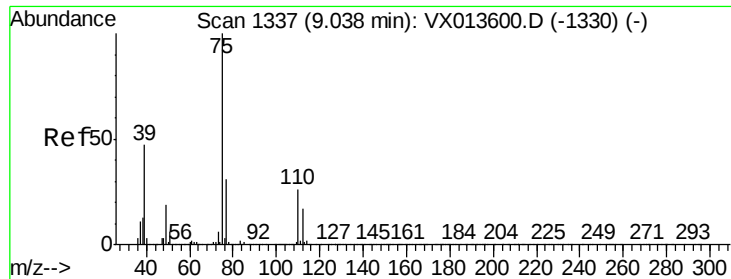
Tgt Ion: 92 Resp: 326198

Ion Ratio Lower Upper

92 100

91 169.3 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 18.442 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

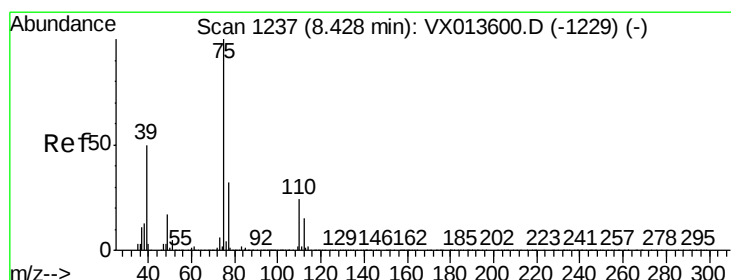
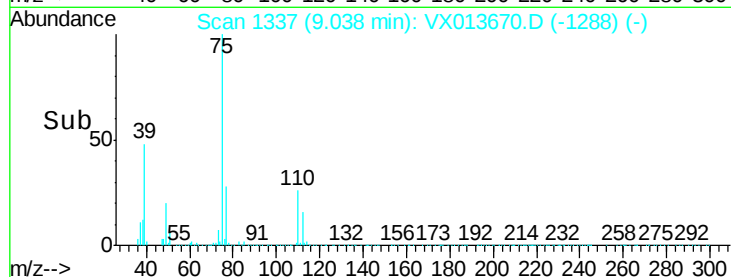
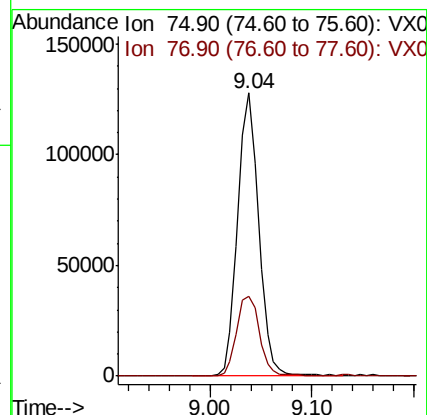
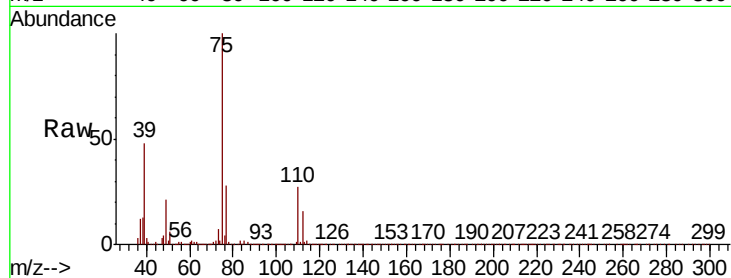
VX1127WBSD03

Tot Ion: 75 Resp: 181616

Ion Ratio Lower Upper

75 100

77 28.0 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 19.012 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

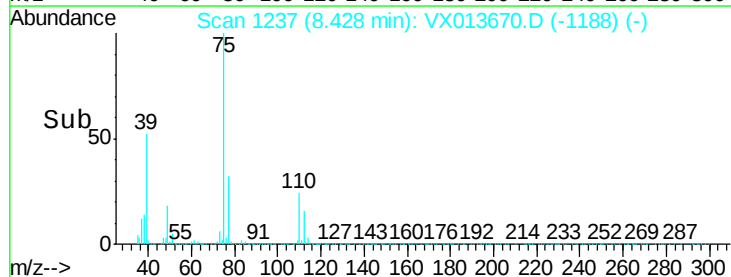
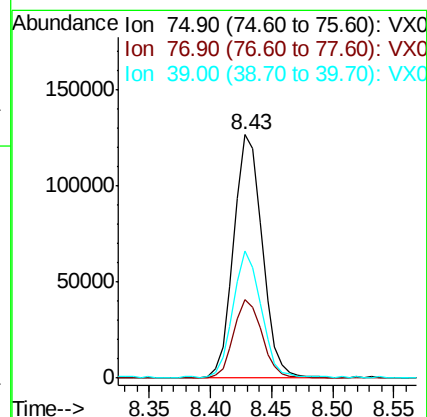
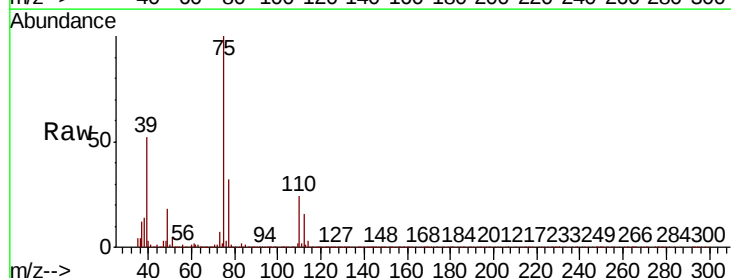
Tgt Ion: 75 Resp: 204545

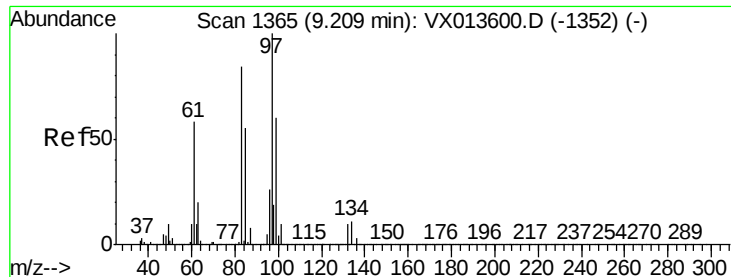
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6

39 51.7 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 19.969 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

Tot Ion: 97 Resp: 134641

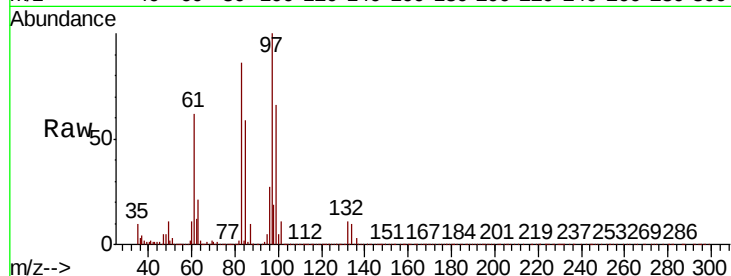
Ion Ratio Lower Upper

97 100

83 86.0 67.3 100.9

85 58.7 43.6 65.4

99 65.9 48.2 72.4

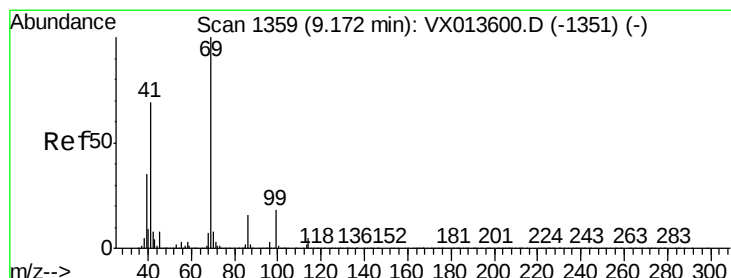
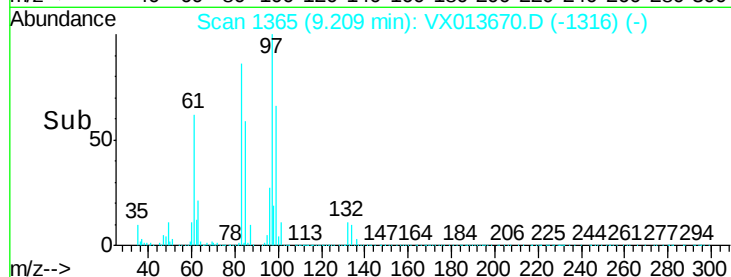
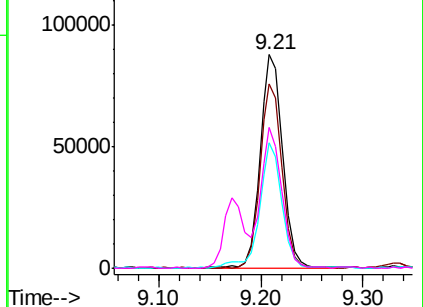


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.235 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

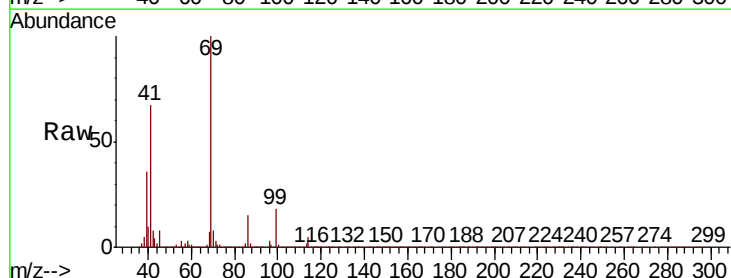
Tgt Ion: 69 Resp: 219350

Ion Ratio Lower Upper

69 100

41 66.3 55.0 82.4

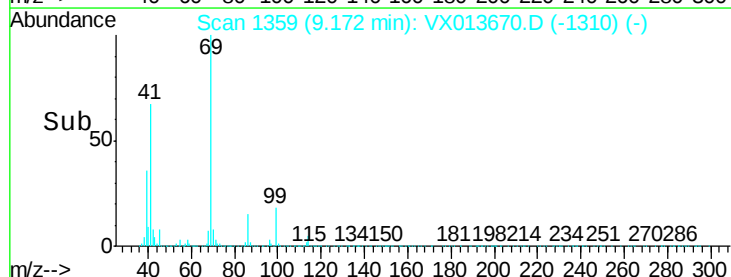
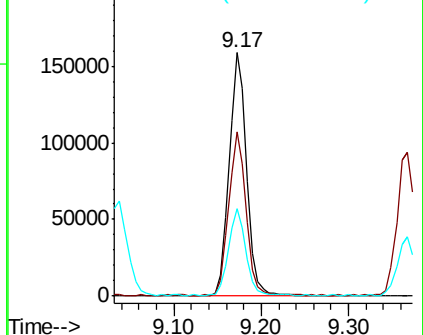
39 35.2 28.7 43.1

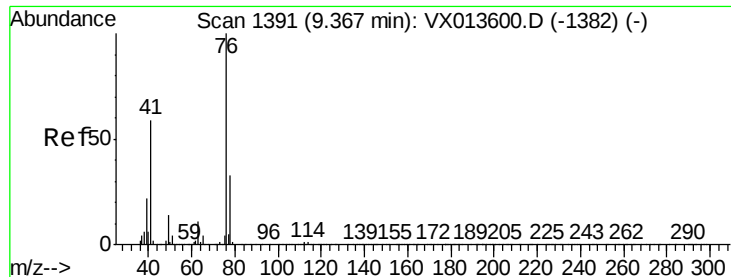


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.789 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

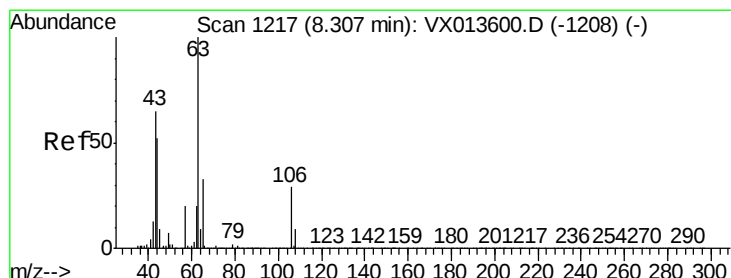
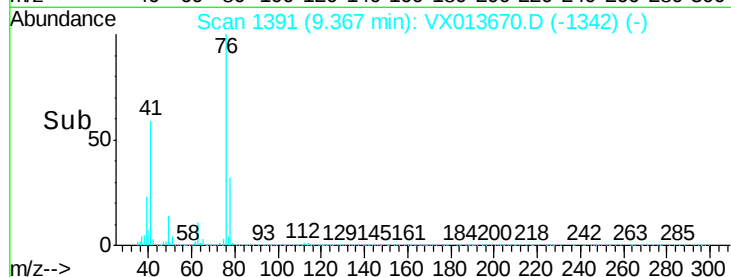
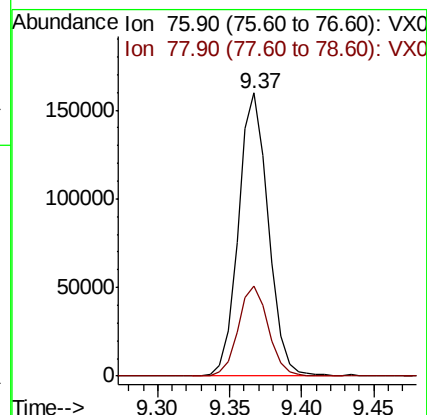
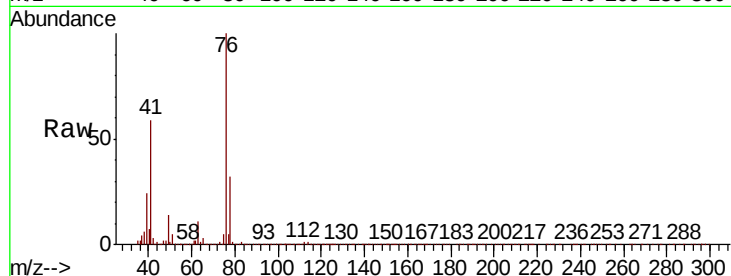
VX1127WBSD03

Tot Ion: 76 Resp: 229983

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 100.391 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013670.D

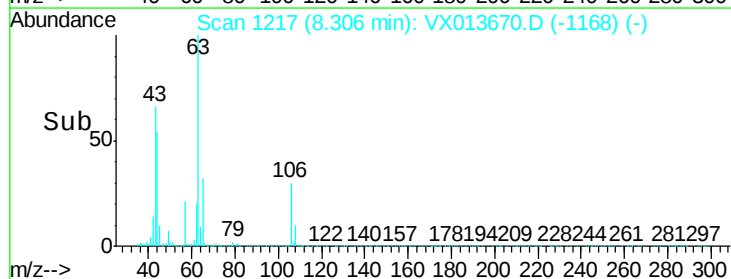
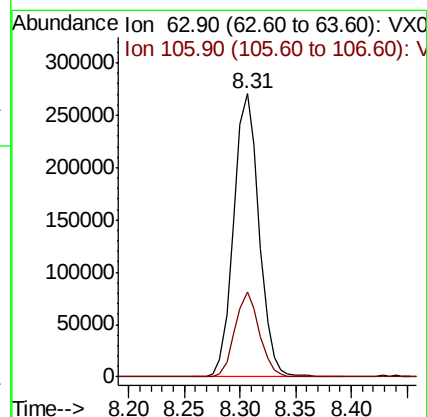
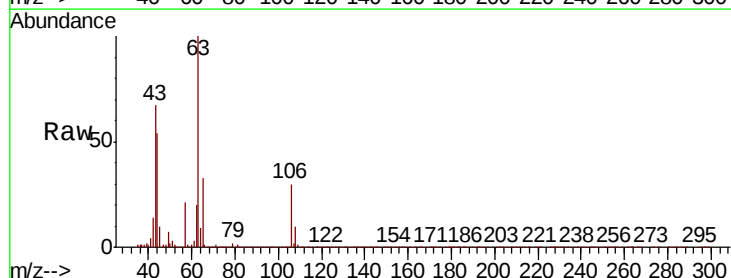
Acq: 27 Nov 2019 23:14

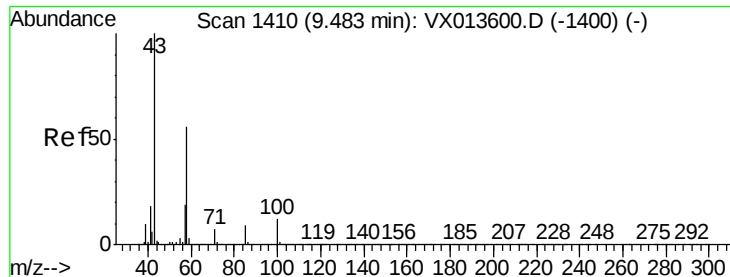
Tgt Ion: 63 Resp: 426673

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.0

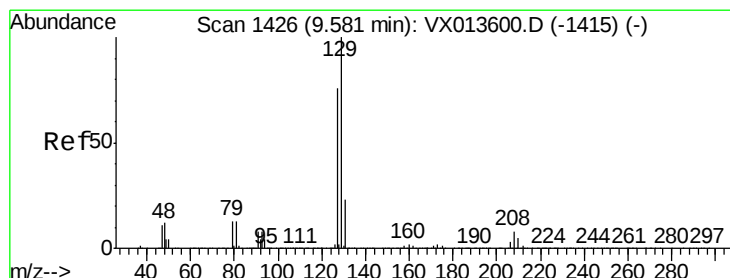
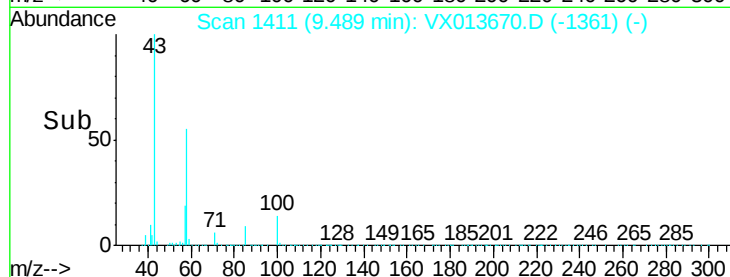
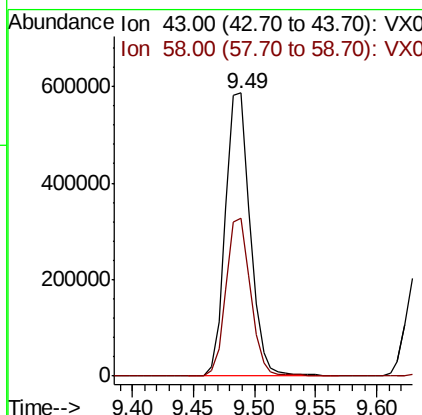
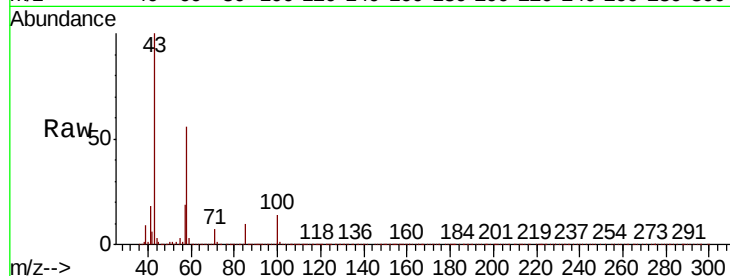




#59
2-Hexanone
Concen: 102.289 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

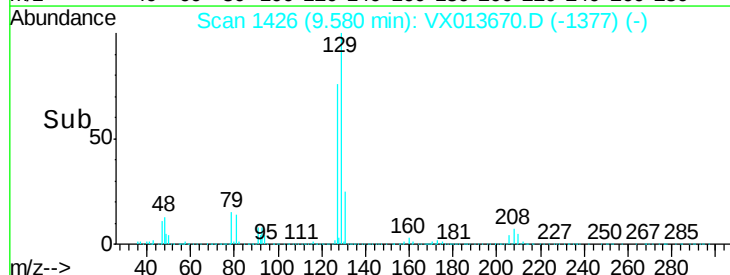
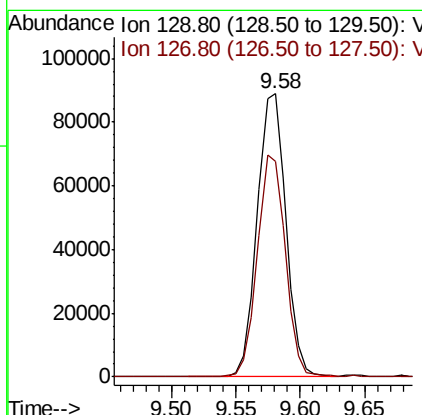
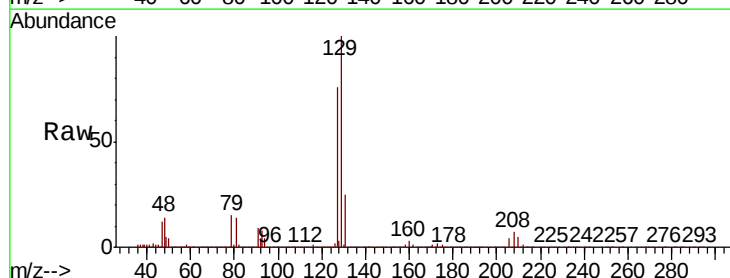
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion: 43 Resp: 819560
Ion Ratio Lower Upper
43 100
58 55.2 28.1 84.4



#60
Dibromochloromethane
Concen: 19.383 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion: 129 Resp: 135627
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.086 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

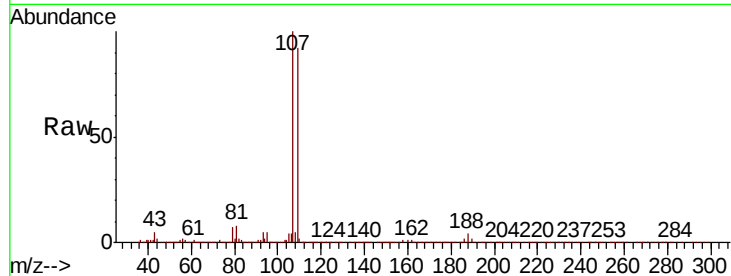
VX1127WBSD03

Tot Ion:107 Resp: 144641

Ion Ratio Lower Upper

107 100

109 91.0 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

40000

20000

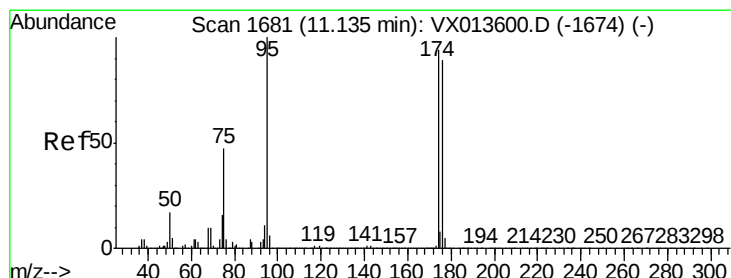
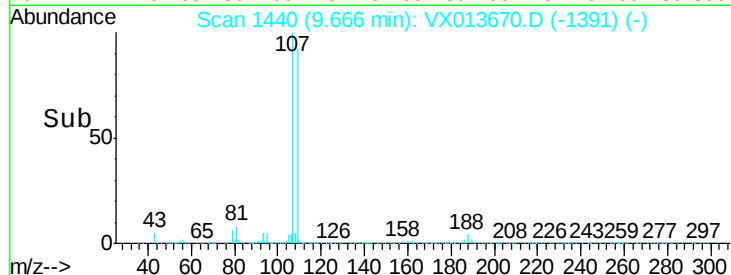
0

9.60

9.70

9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 47.517 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

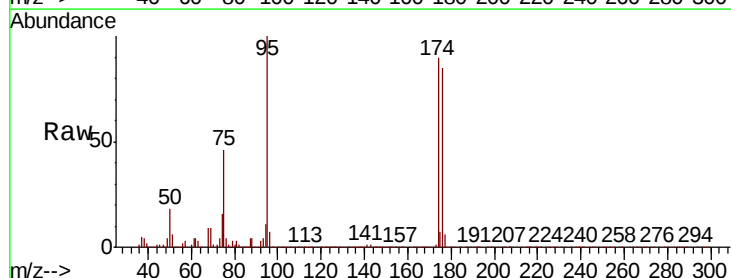
Tgt Ion: 95 Resp: 402039

Ion Ratio Lower Upper

95 100

174 88.9 0.0 180.0

176 85.5 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

300000

200000

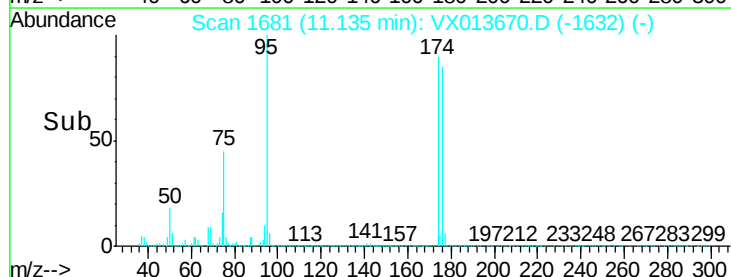
100000

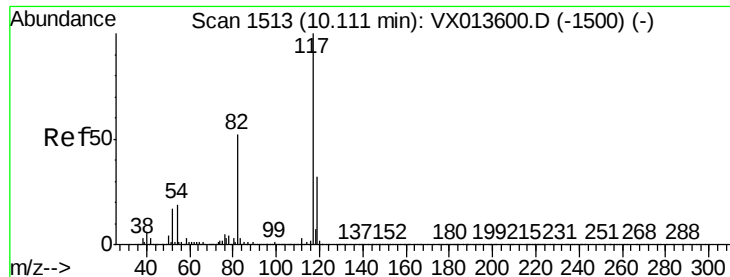
0

11.10

11.20

Time-->

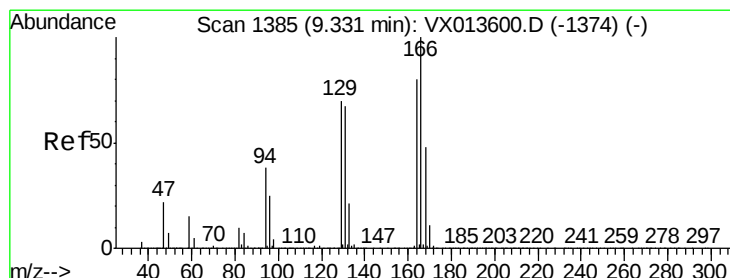
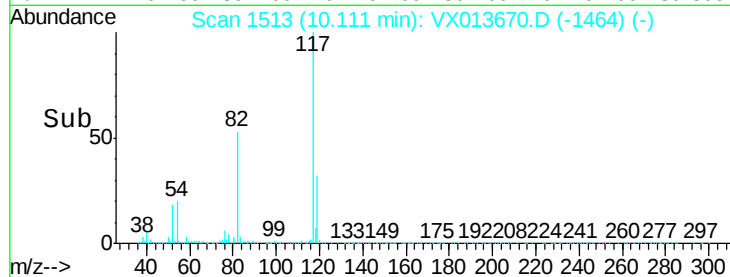
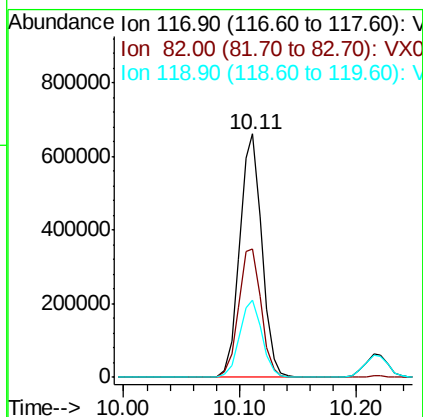
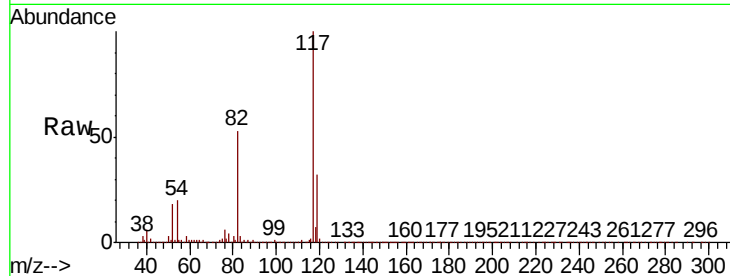




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

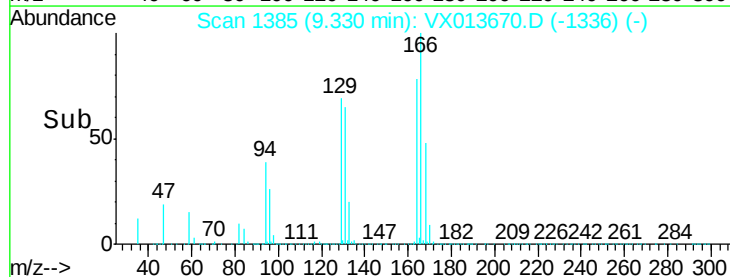
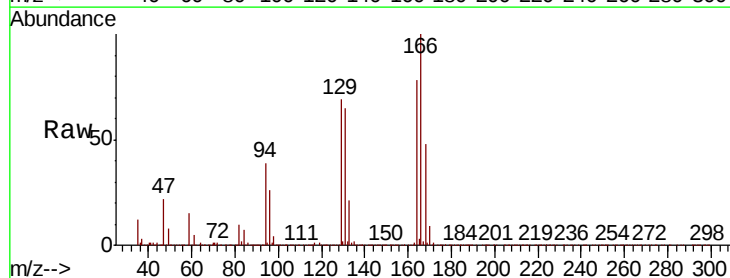
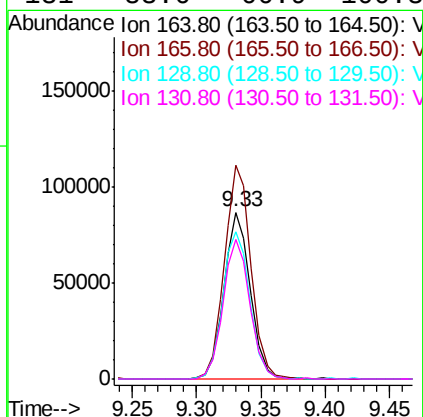
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

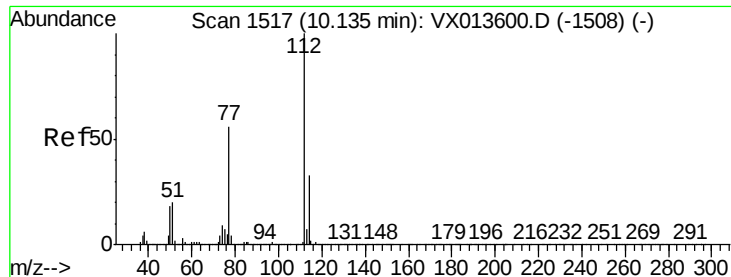
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.8	62.8
119	31.8	25.8	38.8



#64
Tetrachloroethene
Concen: 18.971 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	99.7	149.5
129	88.0	70.1	105.1
131	83.6	66.9	100.3





#65

Chlorobenzene

Concen: 19.214 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

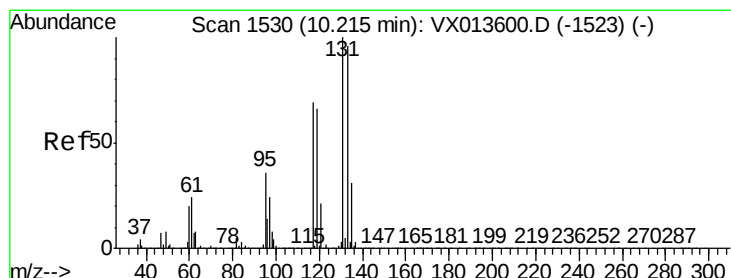
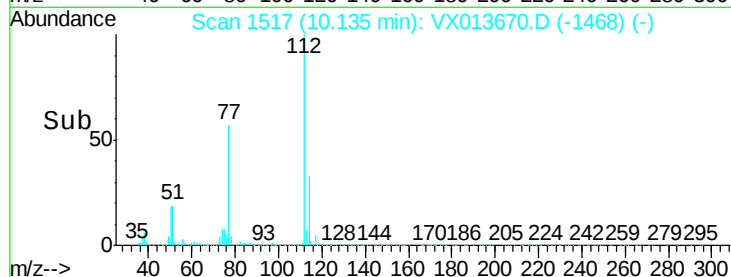
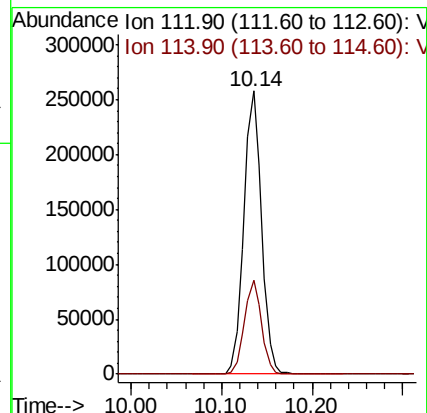
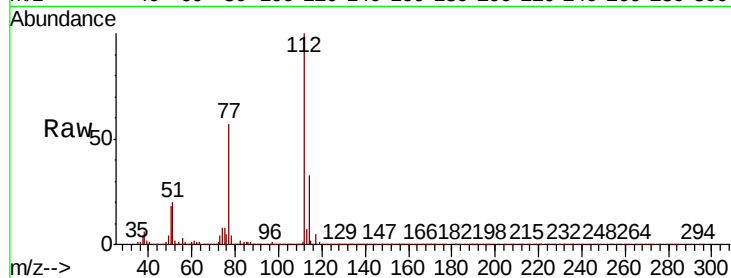
VX1127WBSD03

Tot Ion:112 Resp: 349529

Ion Ratio Lower Upper

112 100

114 33.2 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.693 ug/l

RT: 10.22 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

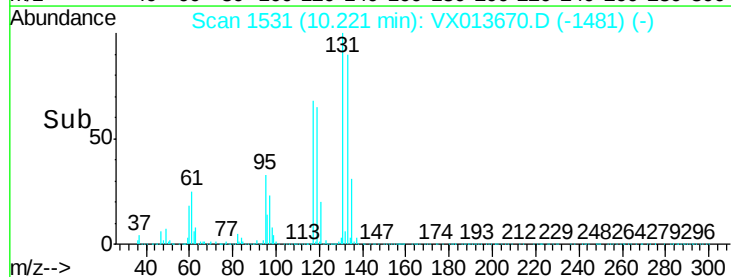
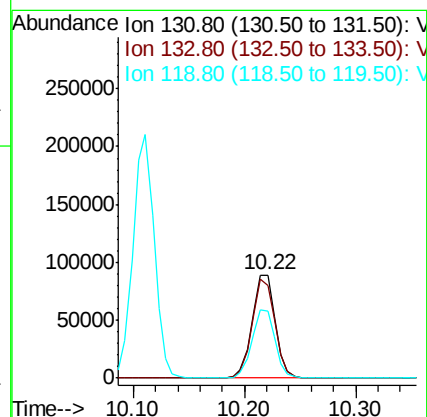
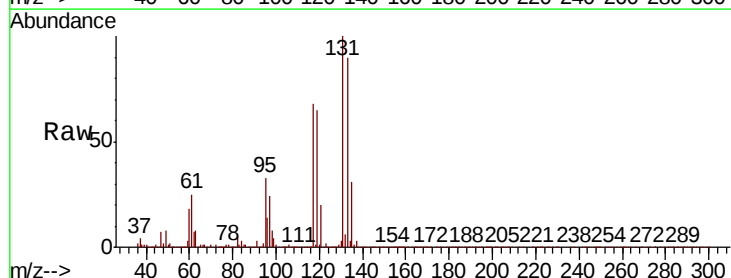
Tgt Ion:131 Resp: 128638

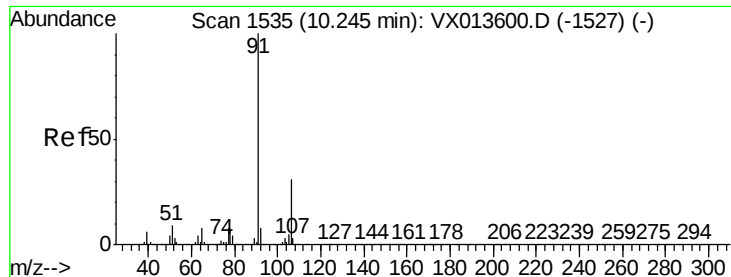
Ion Ratio Lower Upper

131 100

133 94.1 47.7 143.1

119 65.7 32.9 98.6





#67

Ethyl Benzene

Concen: 19.150 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

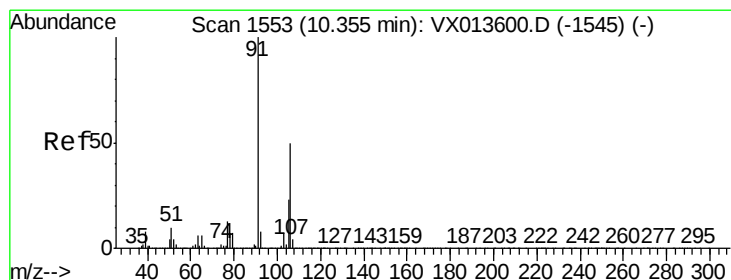
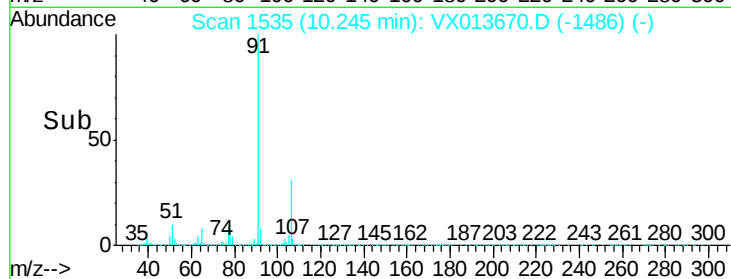
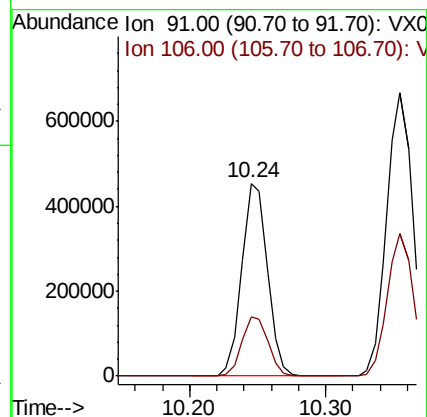
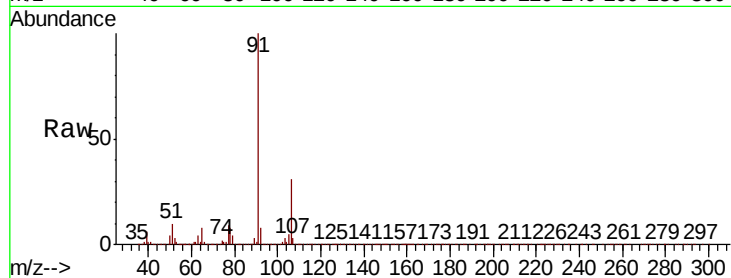
VX1127WBSD03

Tot Ion: 91 Resp: 598629

Ion Ratio Lower Upper

91 100

106 30.8 24.5 36.7



#68

m/p-Xylenes

Concen: 37.564 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013670.D

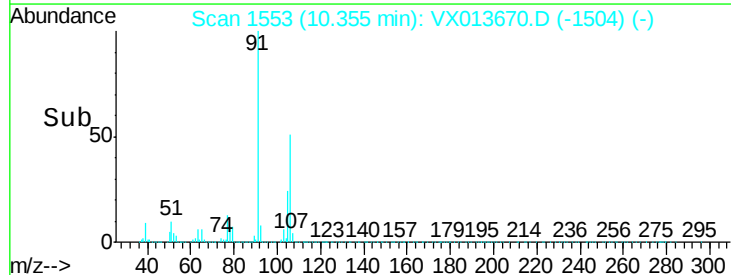
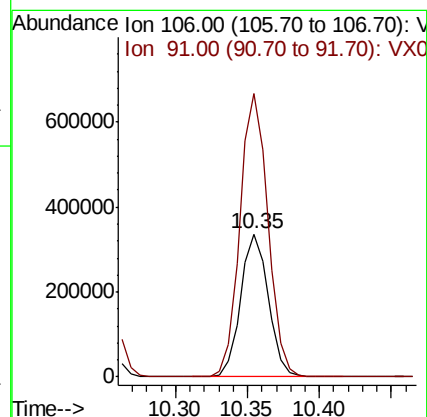
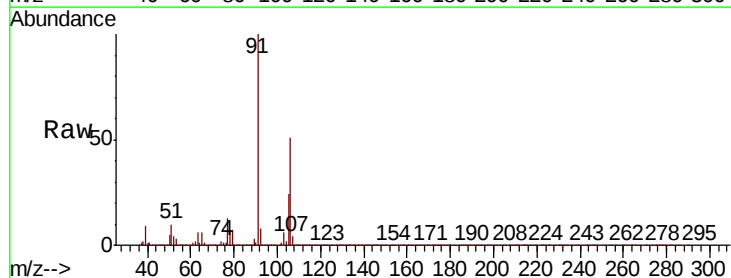
Acq: 27 Nov 2019 23:14

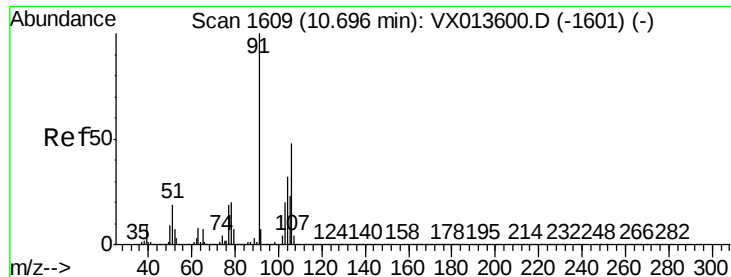
Tgt Ion: 106 Resp: 449565

Ion Ratio Lower Upper

106 100

91 201.3 159.0 238.4

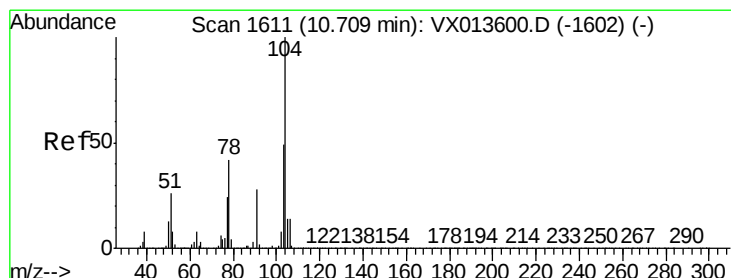
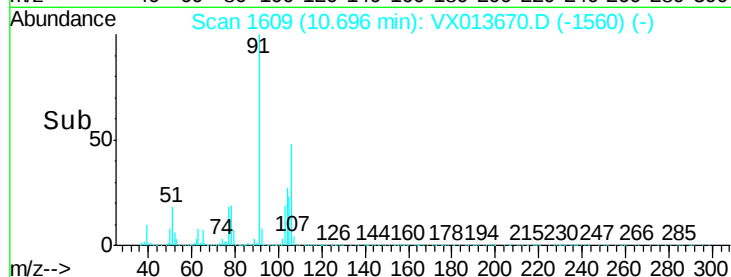
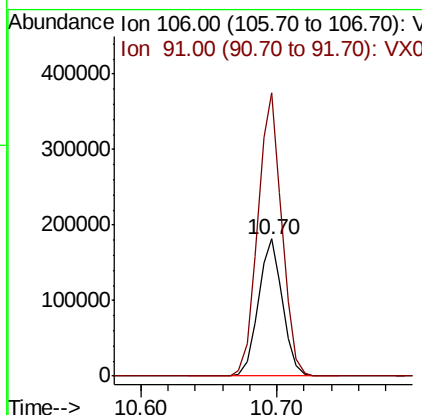
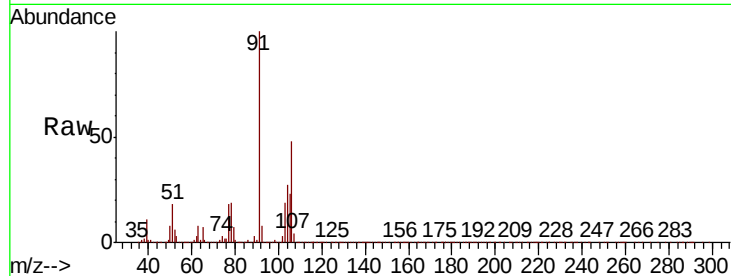




#69
o-Xylene
Concen: 19.334 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

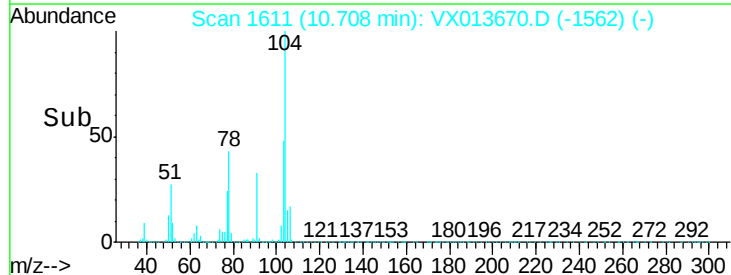
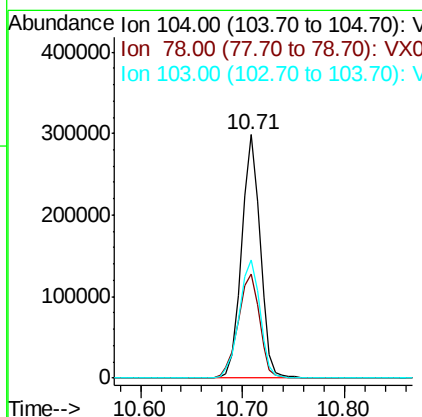
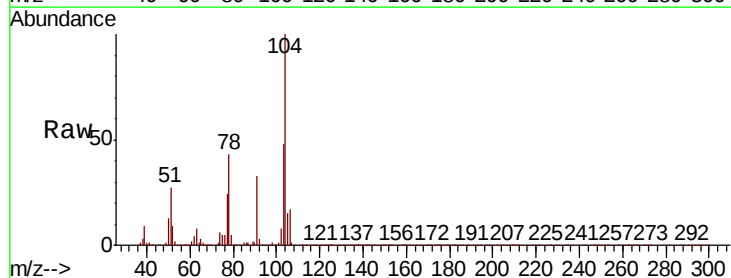
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

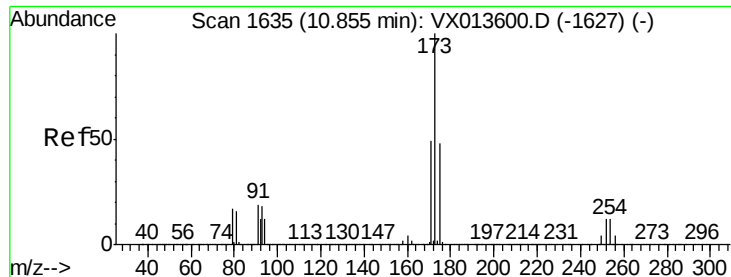
Tot Ion:106 Resp: 225670
Ion Ratio Lower Upper
106 100
91 205.8 104.1 312.2



#70
Styrene
Concen: 19.023 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion:104 Resp: 373514
Ion Ratio Lower Upper
104 100
78 49.4 38.5 57.7
103 55.1 43.7 65.5





#71

Bromoform

Concen: 18.890 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

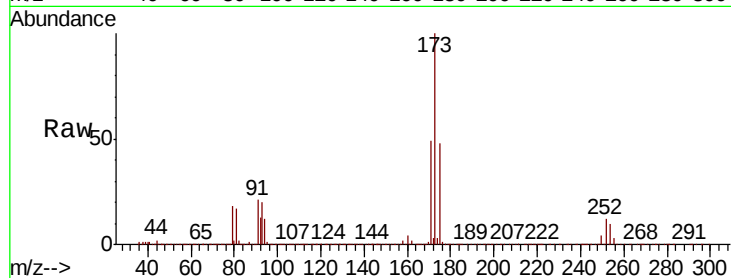
Tot Ion:173 Resp: 102101

Ion Ratio Lower Upper

173 100

175 49.4 24.3 72.8

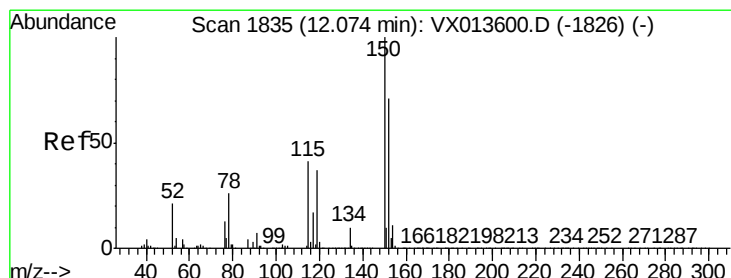
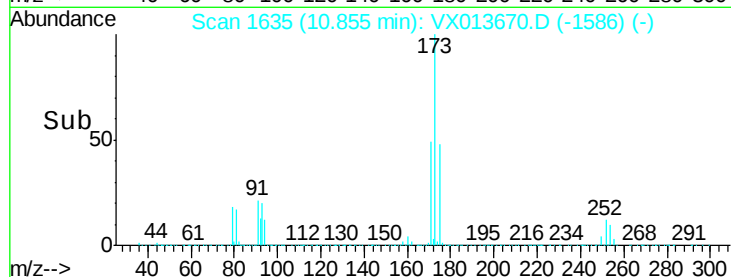
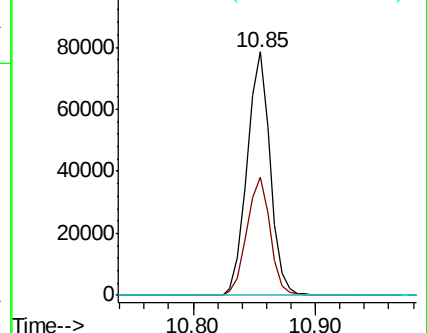
254 0.1 0.2 0.4#



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: VX013670.D

Acq: 27 Nov 2019 23:14

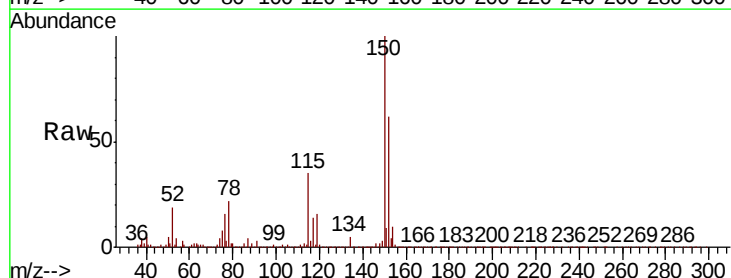
Tgt Ion:152 Resp: 418326

Ion Ratio Lower Upper

152 100

115 63.3 38.4 115.1

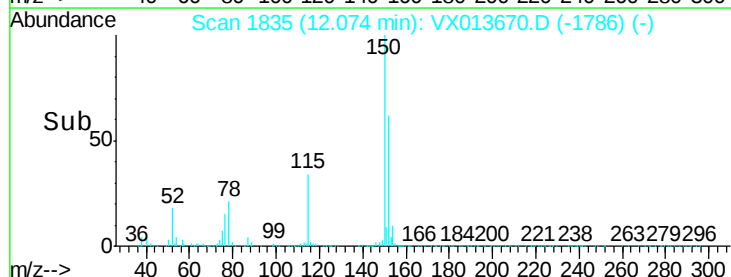
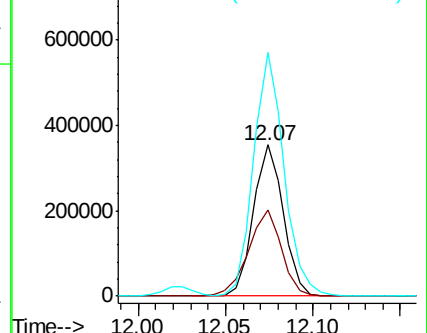
150 165.4 0.0 346.8

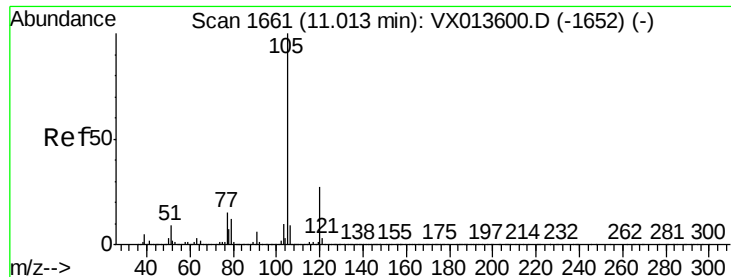


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.836 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

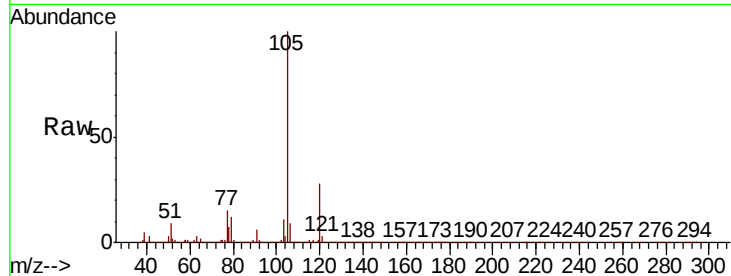
VX1127WBSD03

Tot Ion:105 Resp: 582077

Ion Ratio Lower Upper

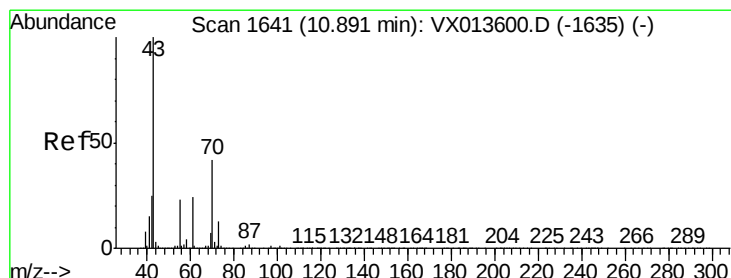
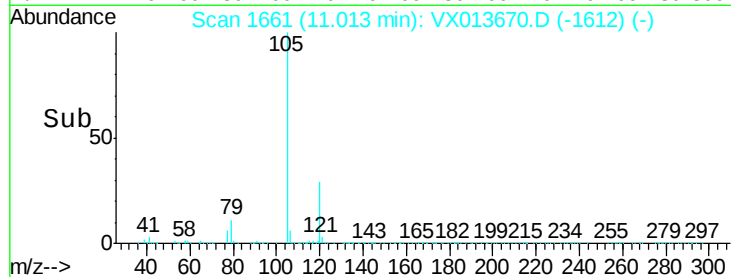
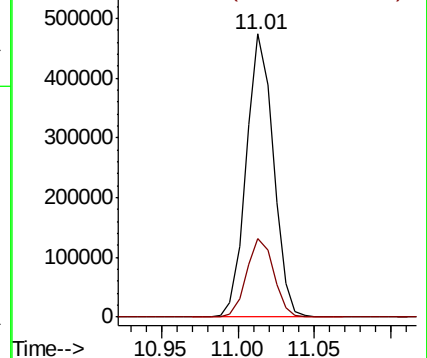
105 100

120 27.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.522 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Tgt Ion: 43 Resp: 275860

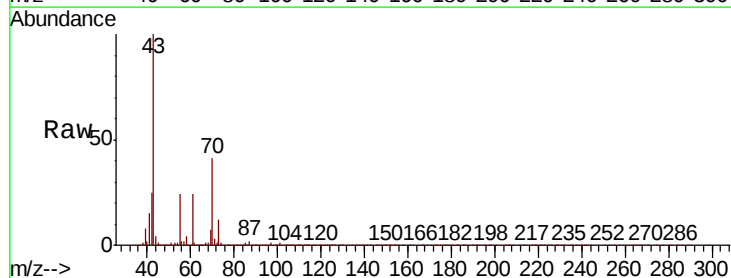
Ion Ratio Lower Upper

43 100

70 43.3 34.3 51.5

55 24.7 18.5 27.7

61 24.9 19.8 29.8

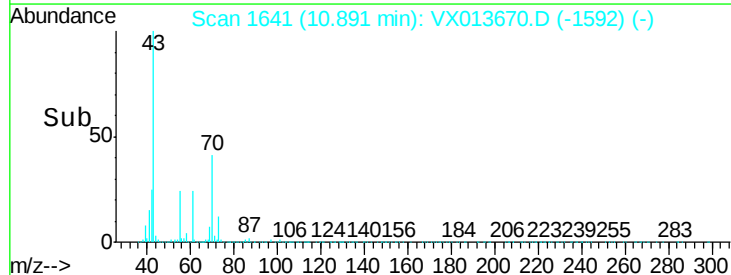
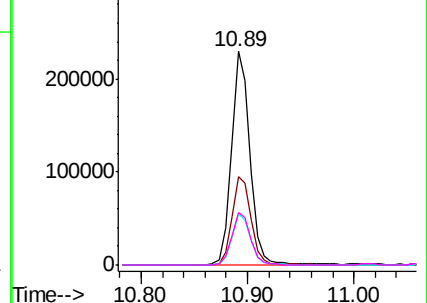


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.382 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

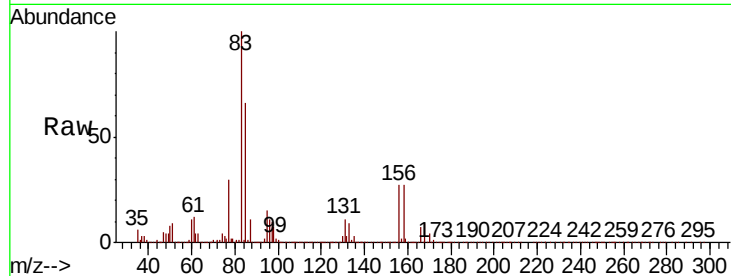
Tot Ion: 83 Resp: 217591

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

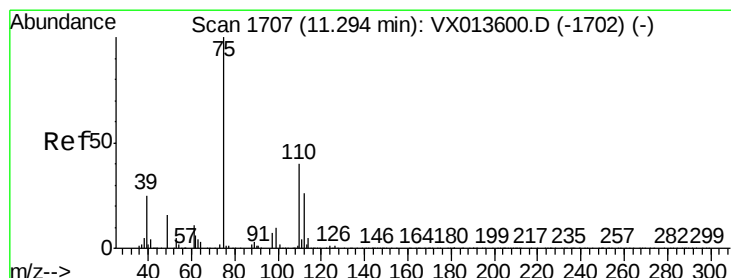
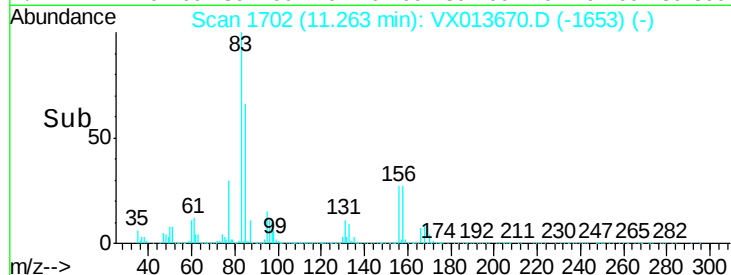
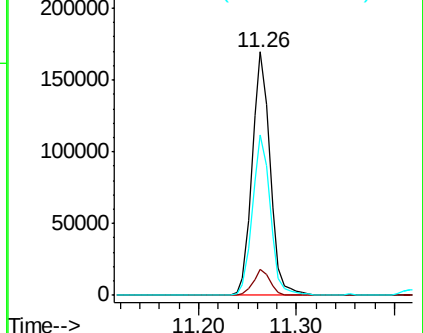
85 64.9 31.8 95.3



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: 24.639 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013670.D

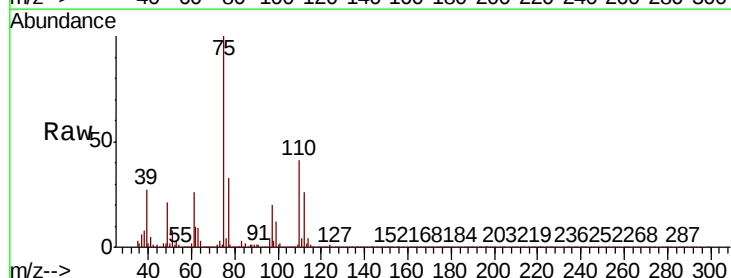
Acq: 27 Nov 2019 23:14

Tgt Ion: 75 Resp: 231823

Ion Ratio Lower Upper

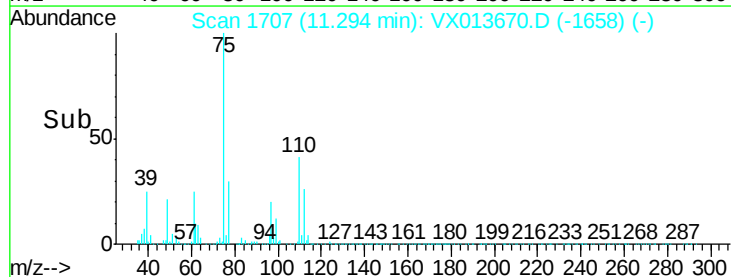
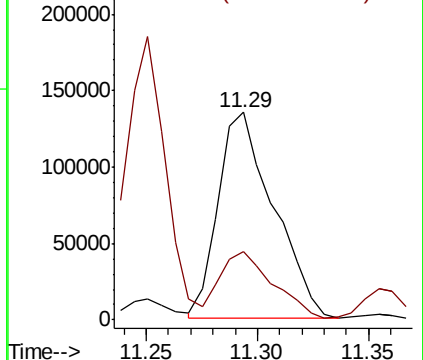
75 100

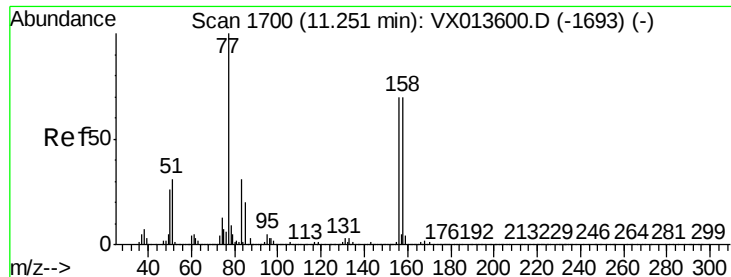
77 32.2 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.679 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

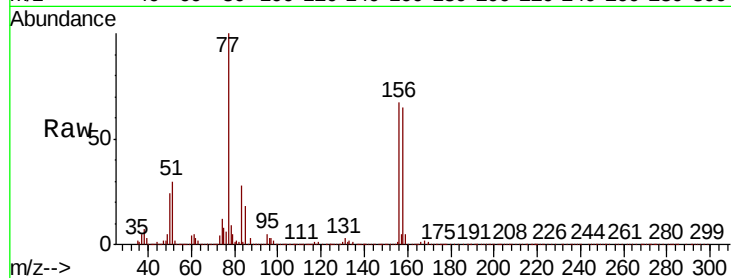
Tot Ion:156 Resp: 156004

Ion Ratio Lower Upper

156 100

77 149.1 74.4 223.1

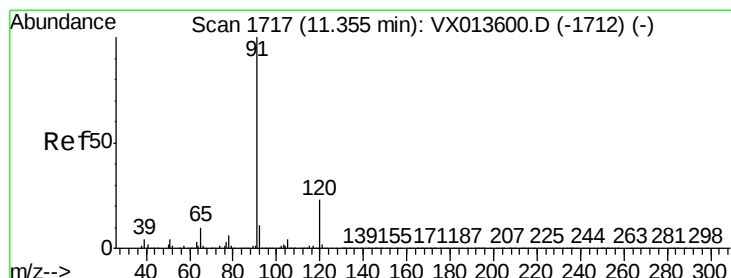
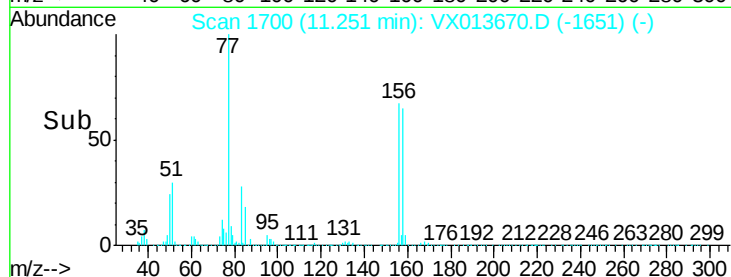
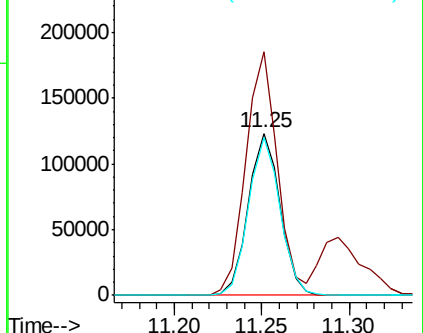
158 97.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.791 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013670.D

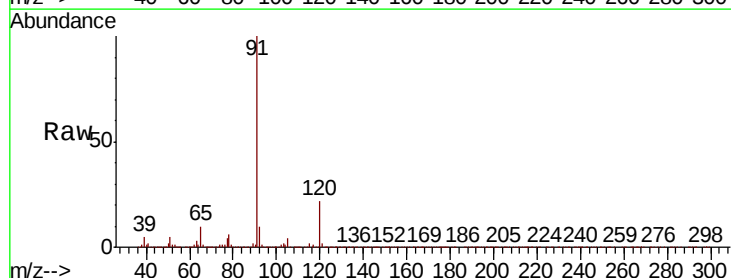
Acq: 27 Nov 2019 23:14

Tgt Ion: 91 Resp: 648281

Ion Ratio Lower Upper

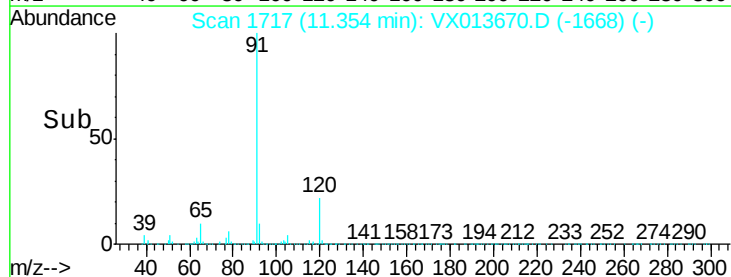
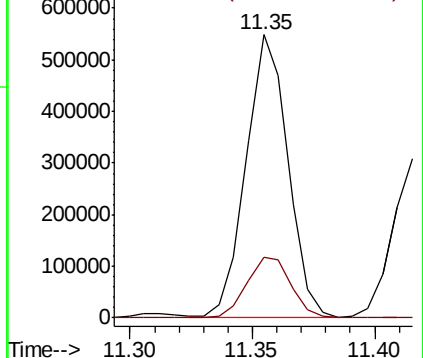
91 100

120 23.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.815 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

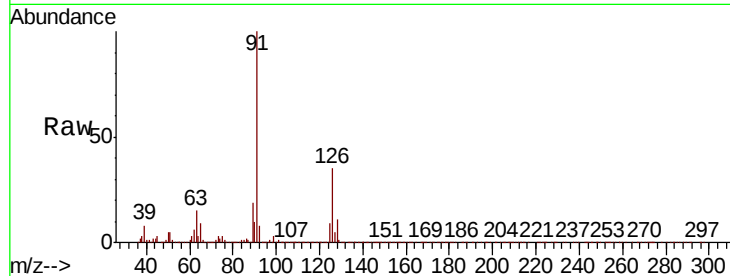
VX1127WBSD03

Tot Ion: 91 Resp: 389372

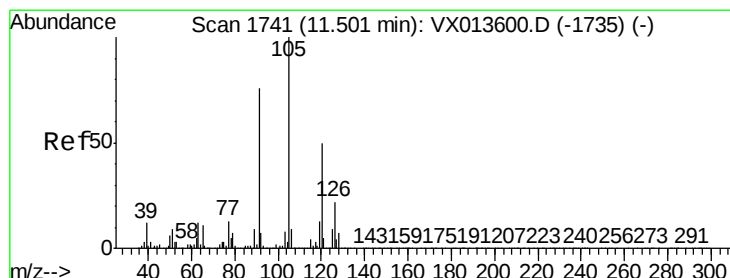
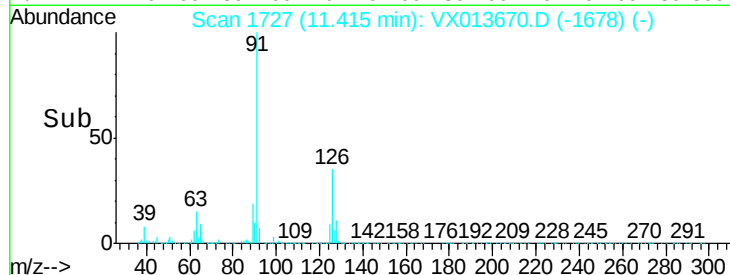
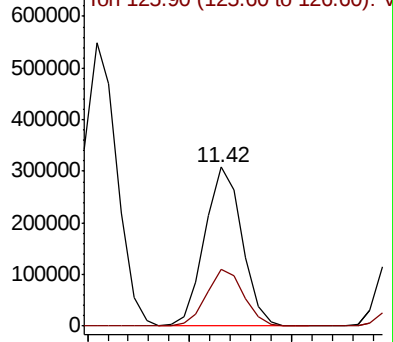
Ion Ratio Lower Upper

91 100

126 35.6 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX013670.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.092 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013670.D

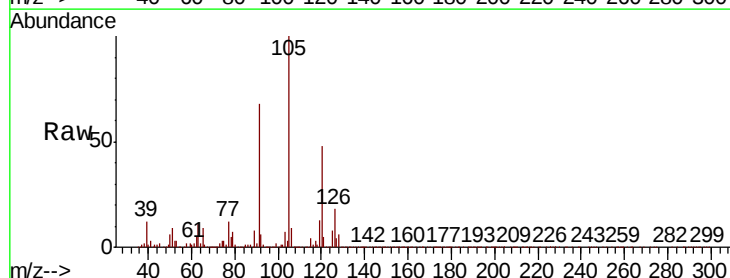
Acq: 27 Nov 2019 23:14

Tgt Ion: 105 Resp: 483207

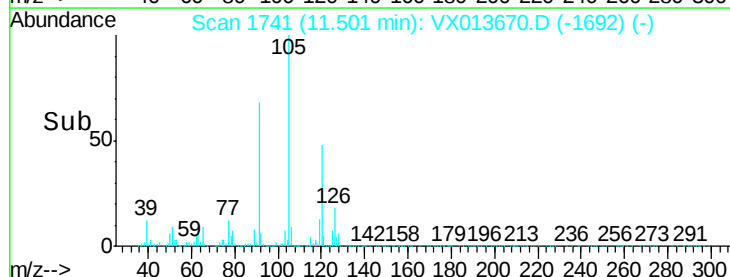
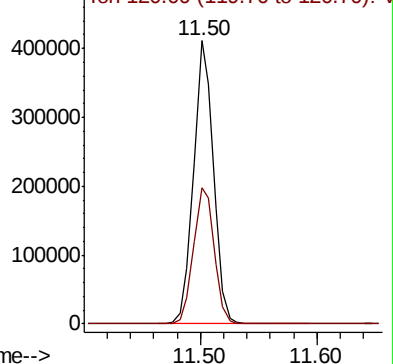
Ion Ratio Lower Upper

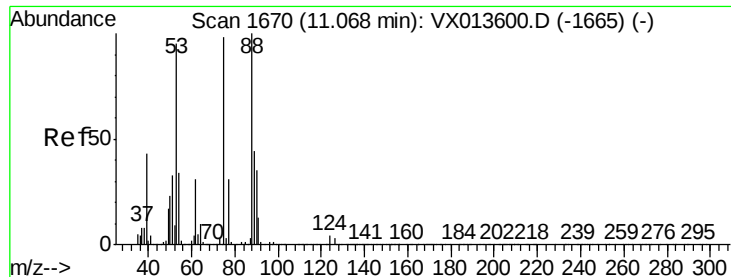
105 100

120 50.2 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013670.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.558 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

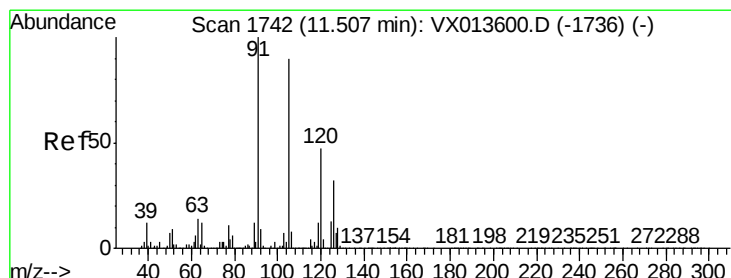
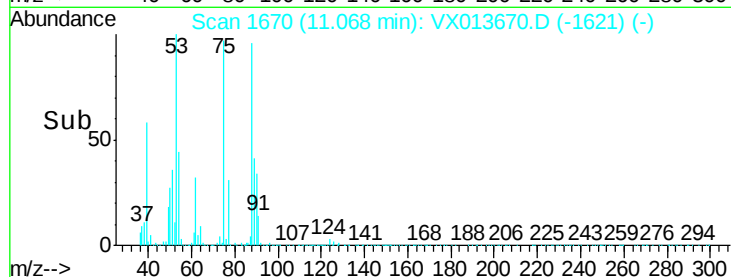
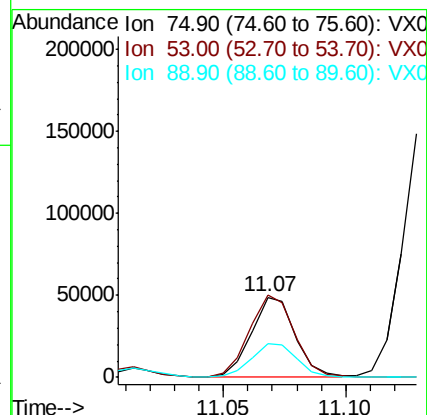
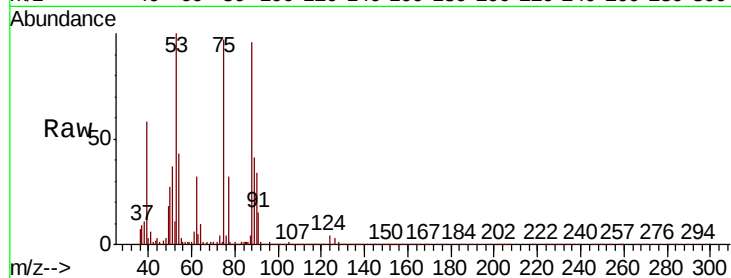
Tot Ion: 75 Resp: 60383

Ion Ratio Lower Upper

75 100

53 105.0 78.2 117.2

89 44.7 35.4 53.2



#82

4-Chlorotoluene

Concen: 19.694 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013670.D

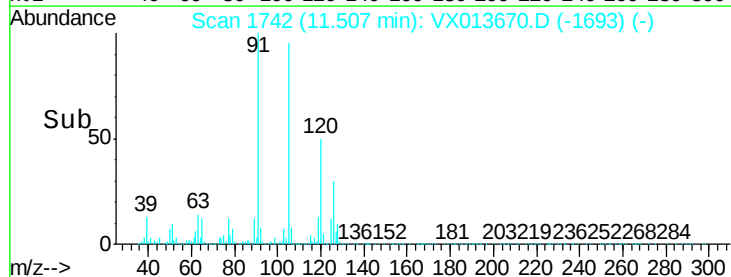
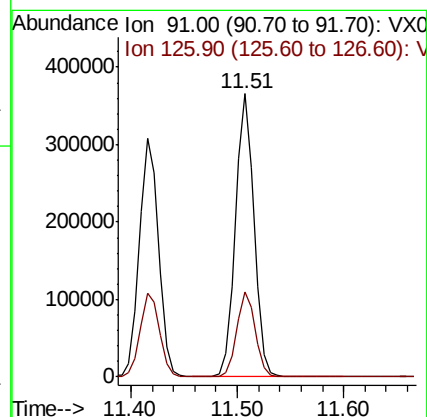
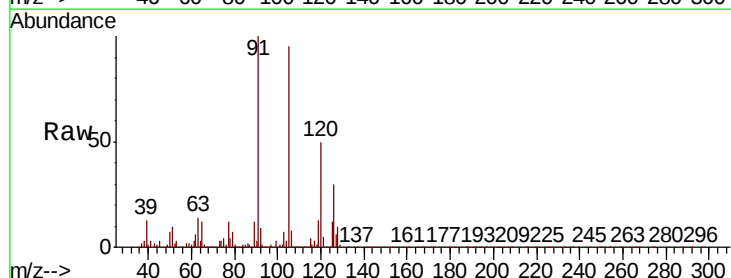
Acq: 27 Nov 2019 23:14

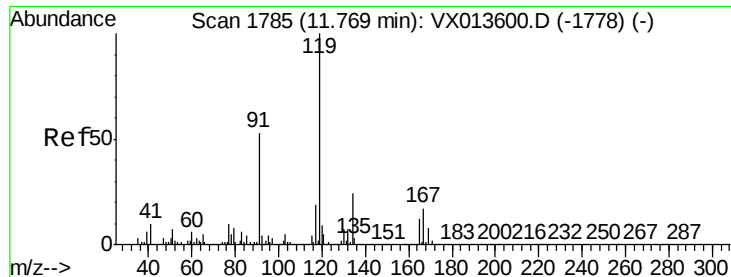
Tgt Ion: 91 Resp: 448221

Ion Ratio Lower Upper

91 100

126 29.9 15.7 47.0

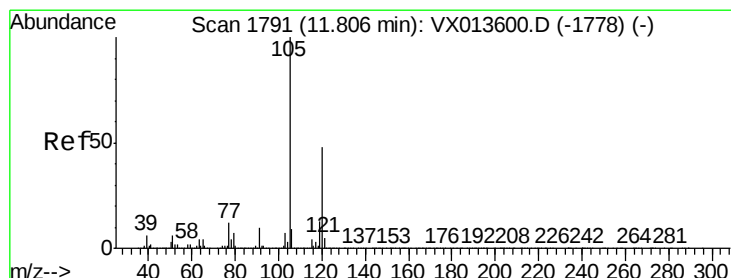
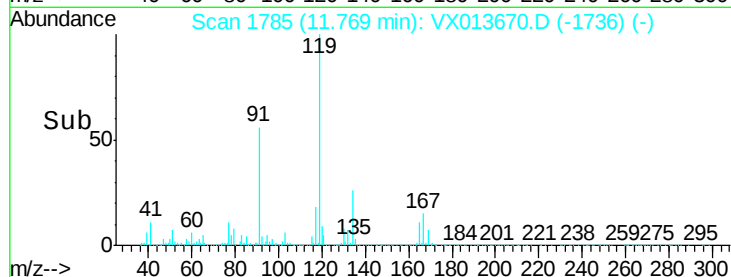
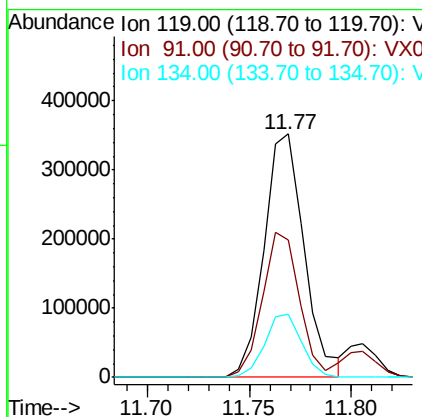
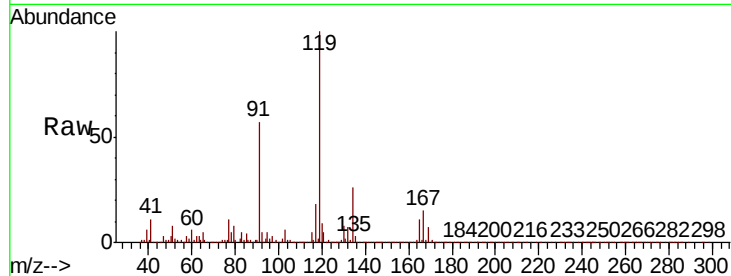




#83
tert-Butylbenzene
Concen: 19.682 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

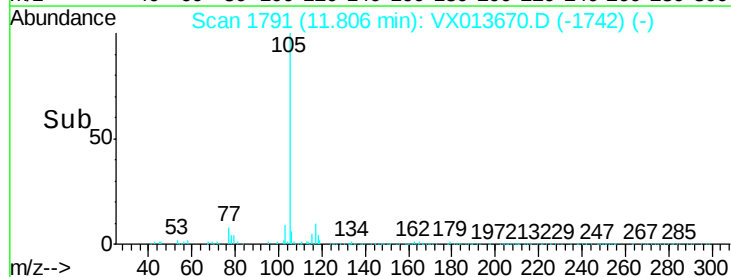
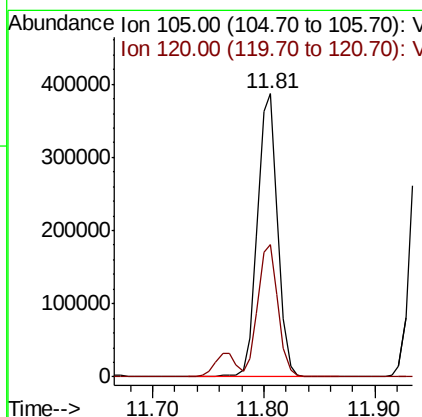
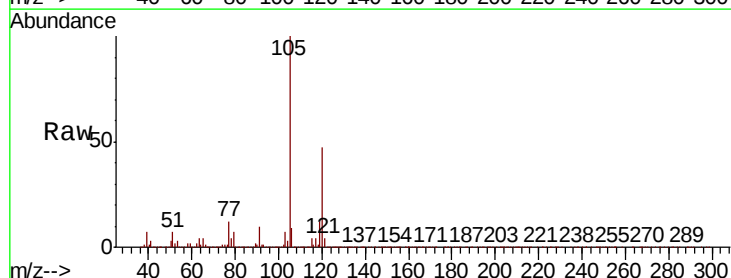
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

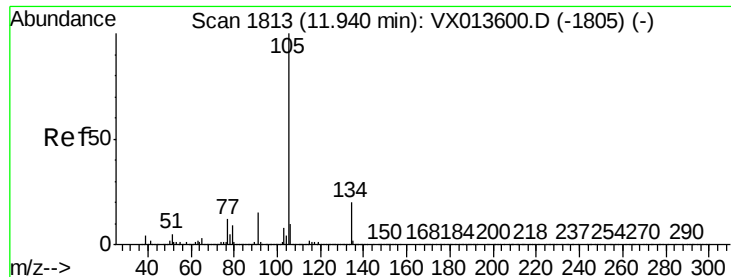
Tot Ion:119 Resp: 481072
Ion Ratio Lower Upper
119 100
91 55.2 27.2 81.6
134 24.2 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 20.047 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion:105 Resp: 489314
Ion Ratio Lower Upper
105 100
120 46.7 23.1 69.3





#85

sec-Butylbenzene

Concen: 19.707 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

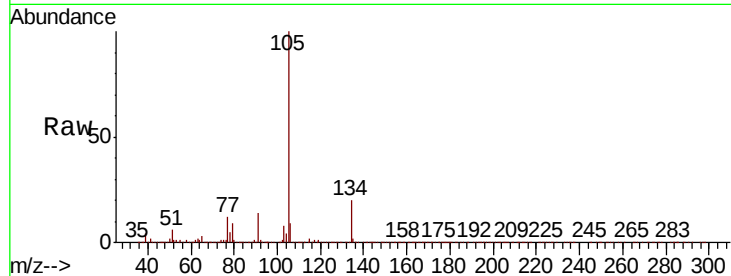
VX1127WBSD03

Tot Ion:105 Resp: 550181

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

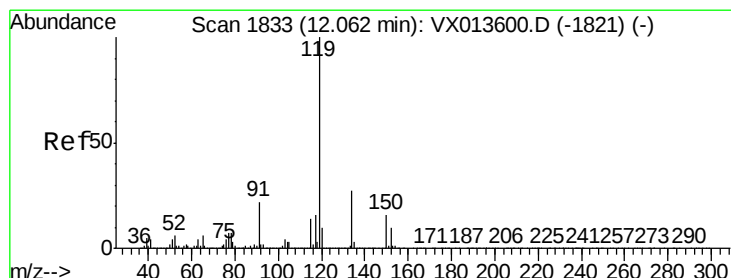
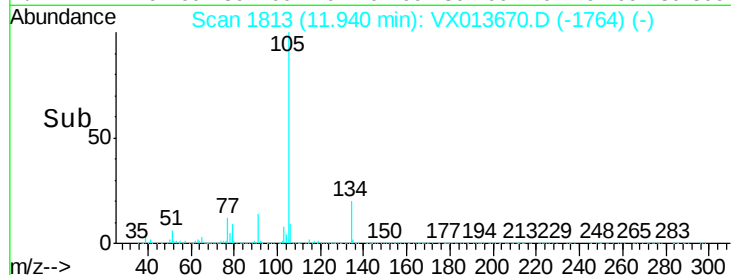
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.305 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

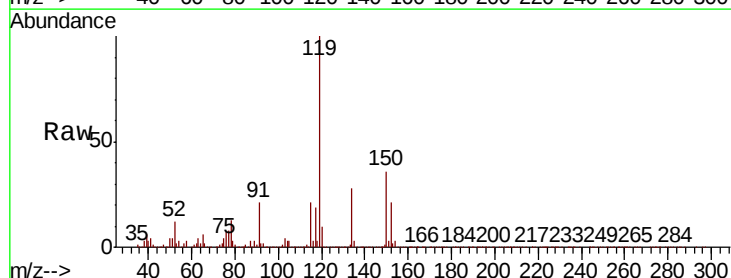
Tgt Ion:119 Resp: 501385

Ion Ratio Lower Upper

119 100

134 27.4 13.3 39.9

91 22.3 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

400000

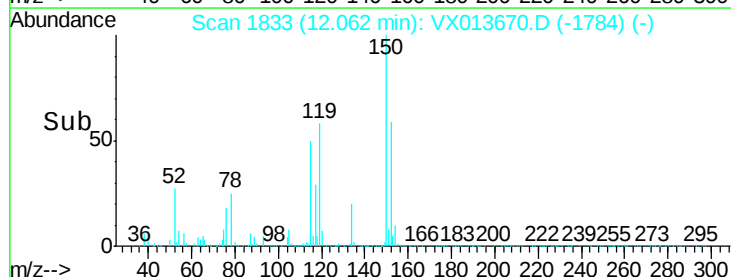
300000

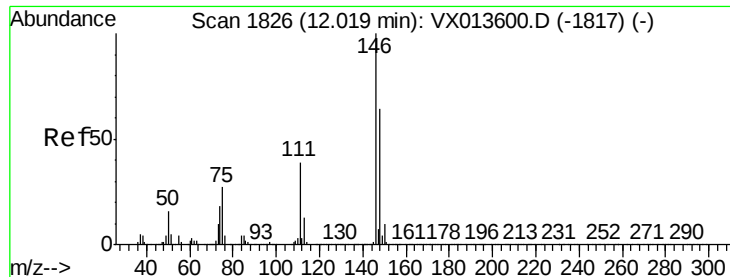
200000

100000

0

Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 19.179 ug/l

RT: 12.02 min Scan# 1826

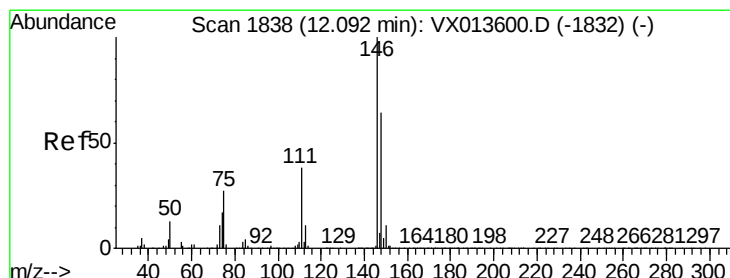
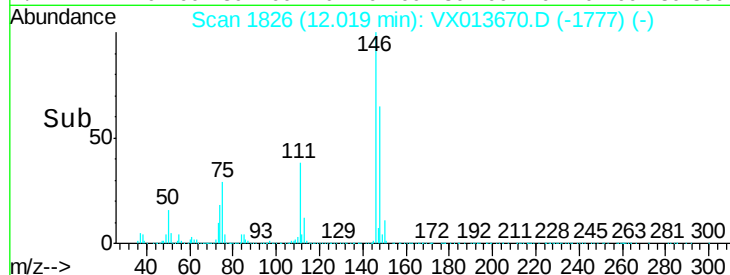
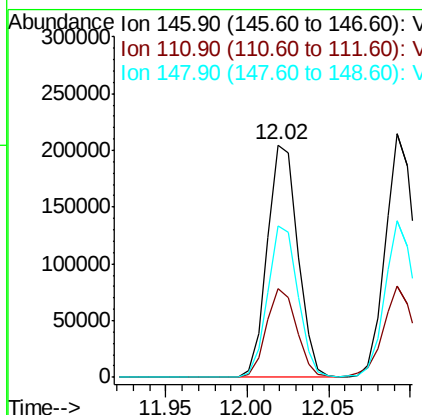
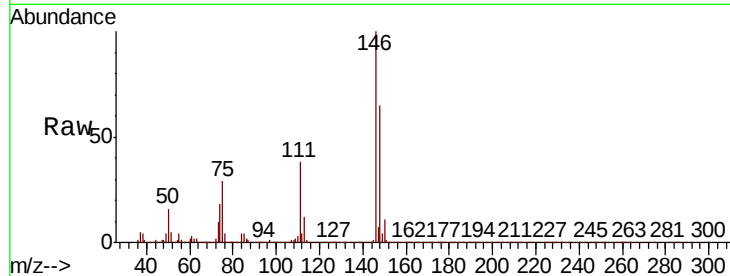
Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	64.3	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 19.075 ug/l

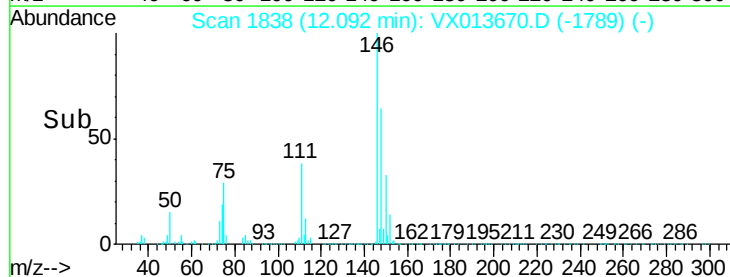
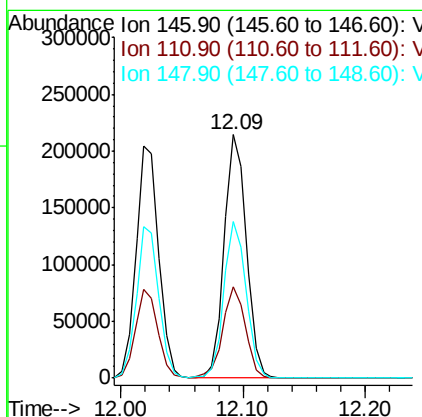
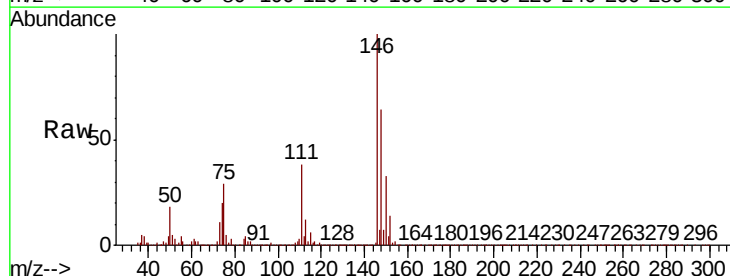
RT: 12.09 min Scan# 1838

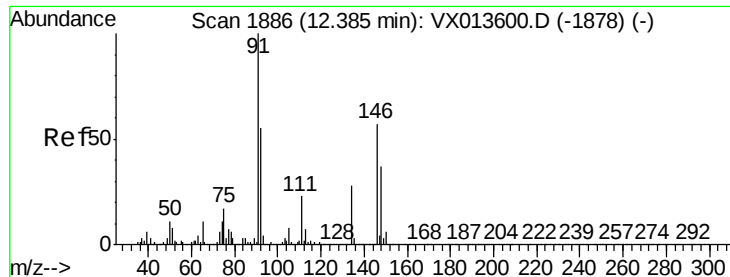
Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	64.4	31.9	95.5





#89

n-Butylbenzene

Concen: 18.798 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

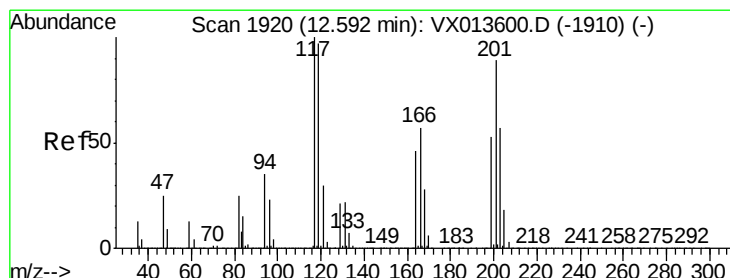
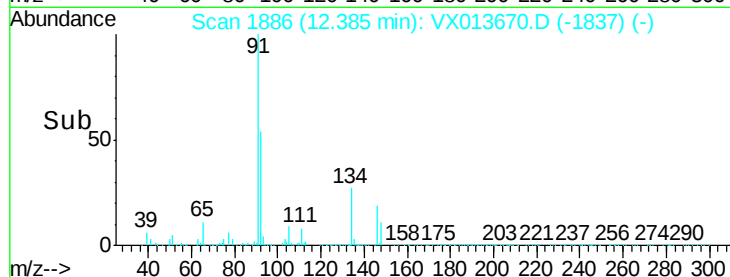
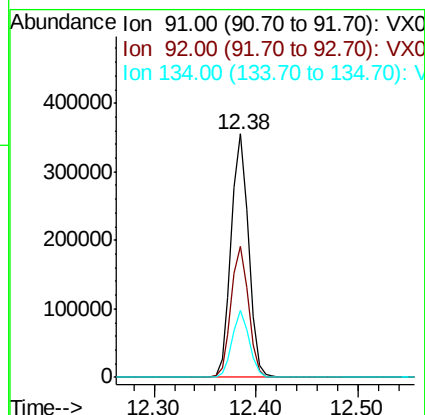
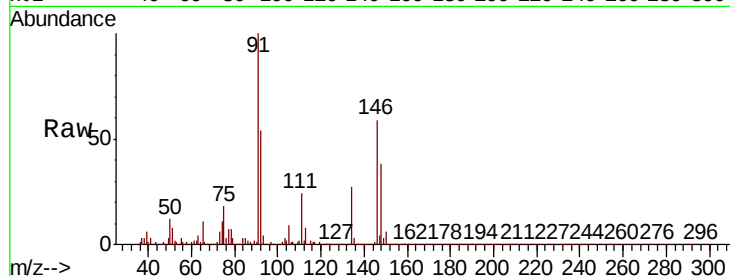
Tot Ion: 91 Resp: 416405

Ion Ratio Lower Upper

91 100

92 53.6 27.4 82.2

134 26.9 13.5 40.4



#90

Hexachloroethane

Concen: 18.245 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013670.D

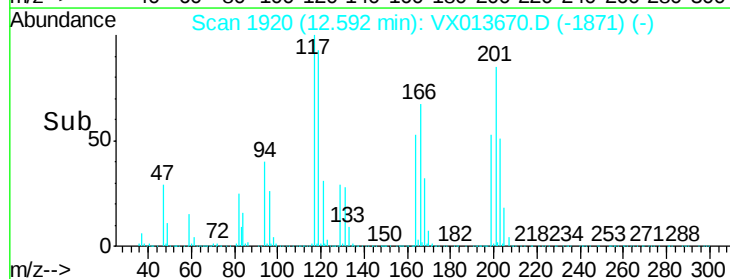
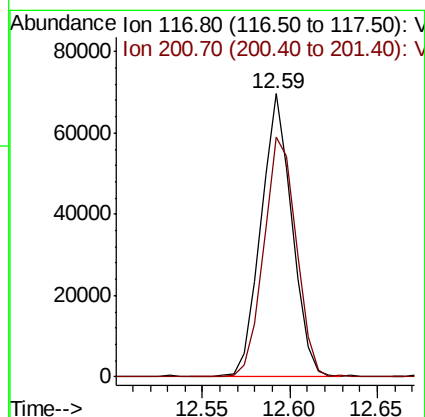
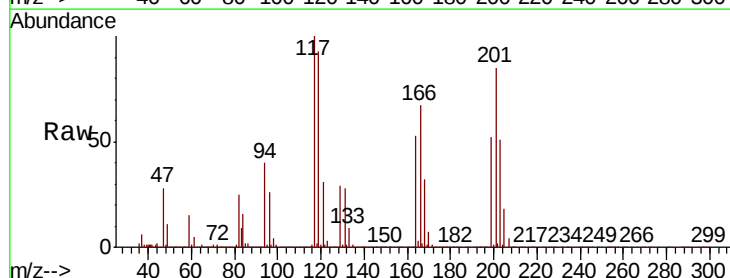
Acq: 27 Nov 2019 23:14

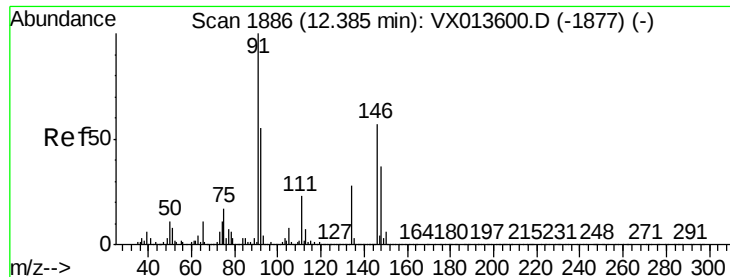
Tgt Ion: 117 Resp: 85651

Ion Ratio Lower Upper

117 100

201 89.1 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 19.949 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

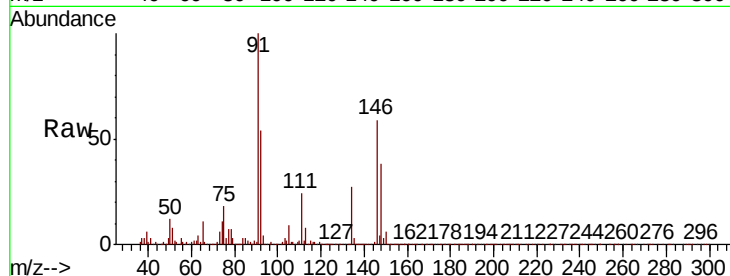
Tot Ion:146 Resp: 272370

Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.7

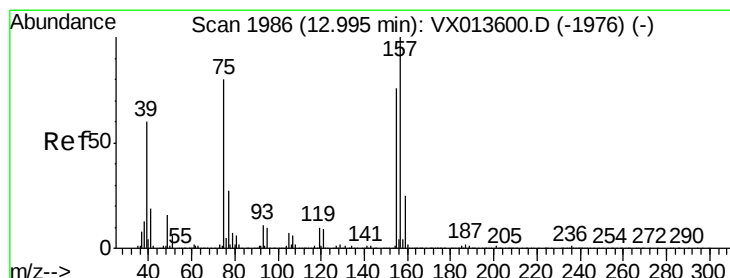
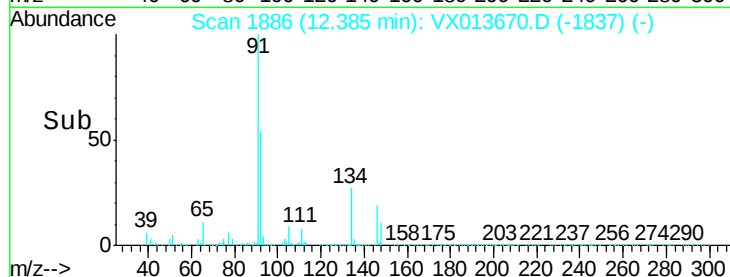
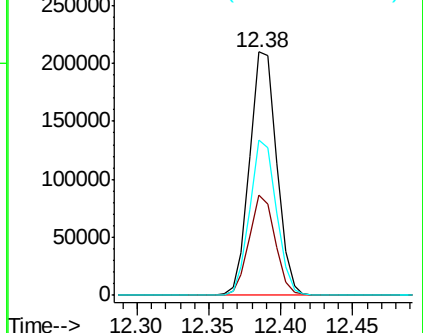
148 63.0 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.402 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

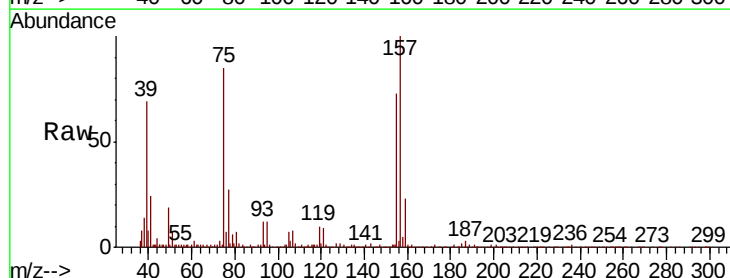
Tgt Ion: 75 Resp: 45211

Ion Ratio Lower Upper

75 100

155 95.6 47.6 142.8

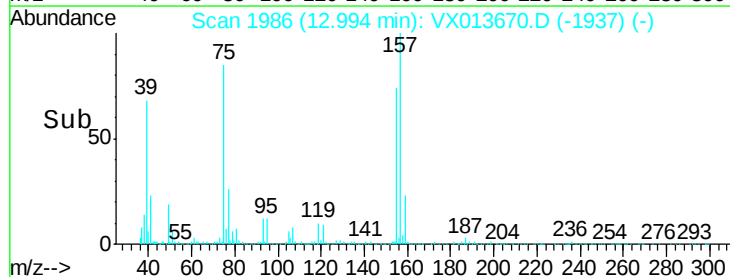
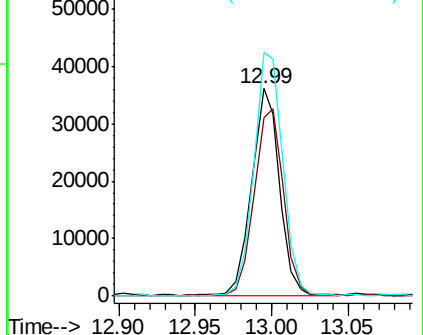
157 124.8 62.1 186.2

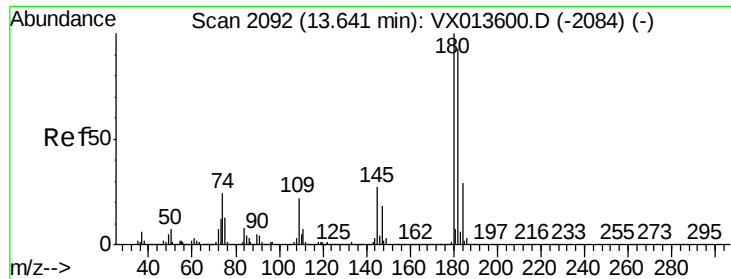


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 18.459 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

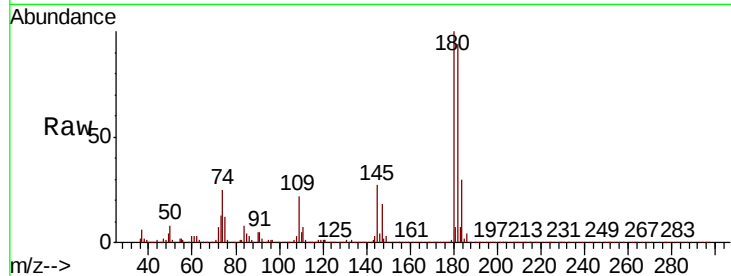
Tot Ion:180 Resp: 175644

Ion Ratio Lower Upper

180 100

182 95.9 47.2 141.6

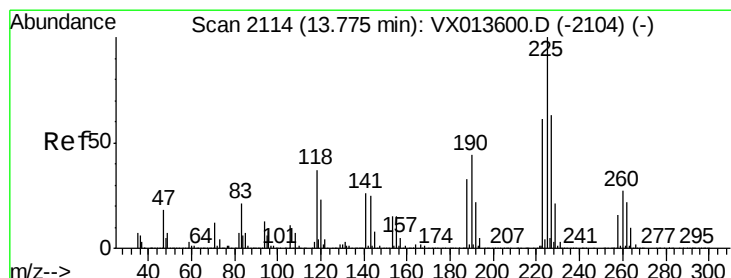
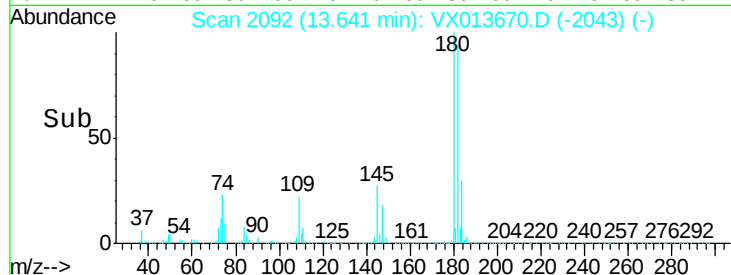
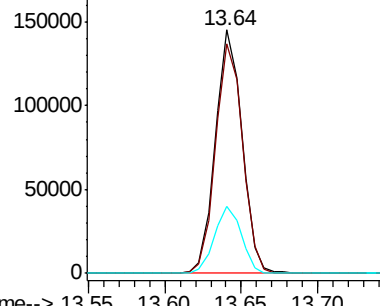
145 28.1 13.8 41.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.069 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.01 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

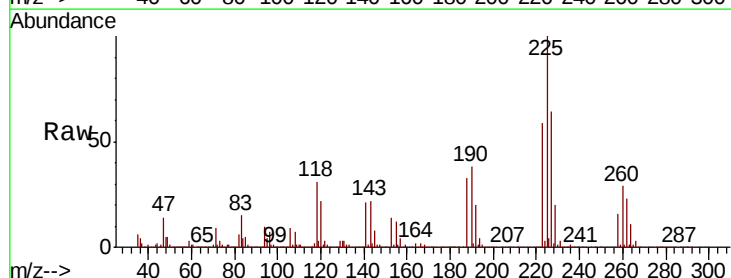
Tgt Ion:225 Resp: 82596

Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.5

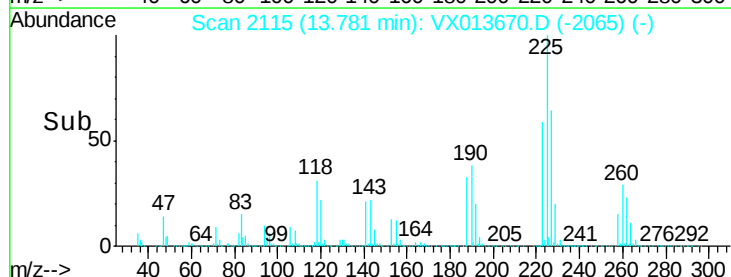
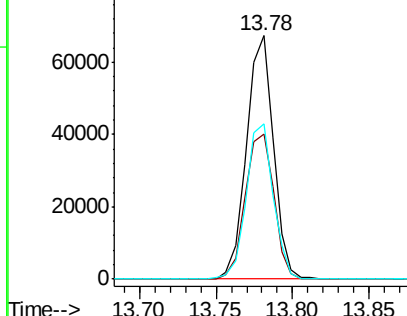
227 63.6 32.1 96.3

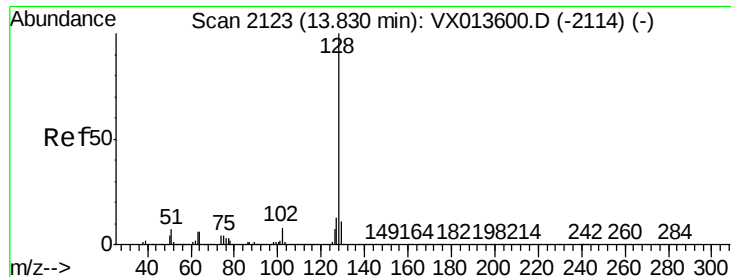


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.179 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

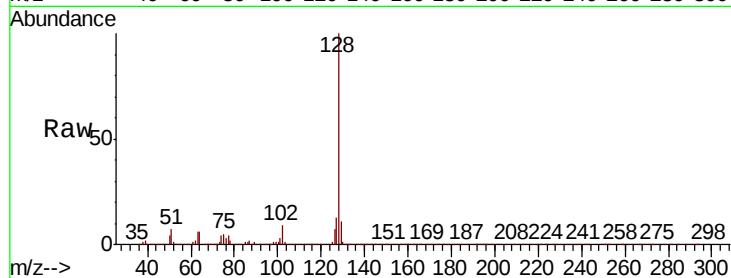
Tot Ion:128 Resp: 571819

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

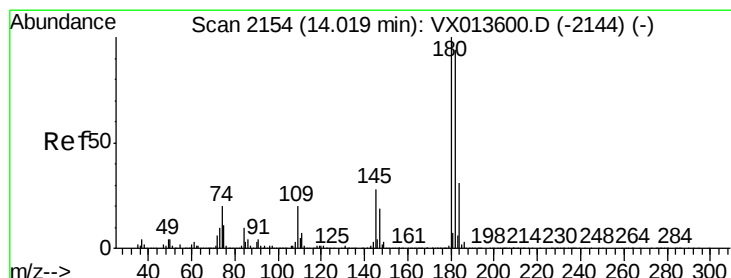
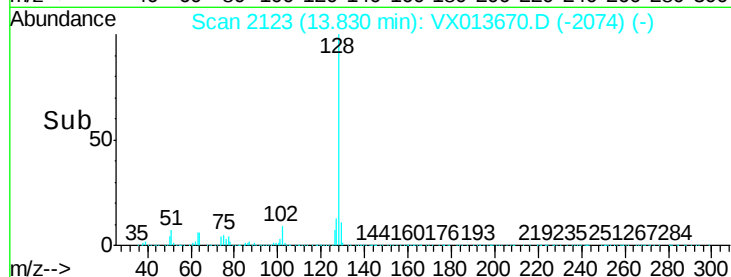
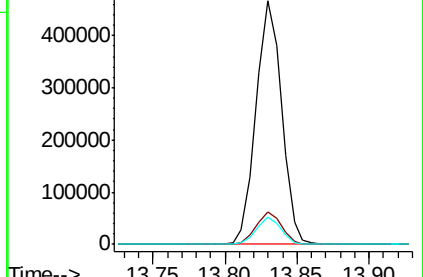
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.077 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

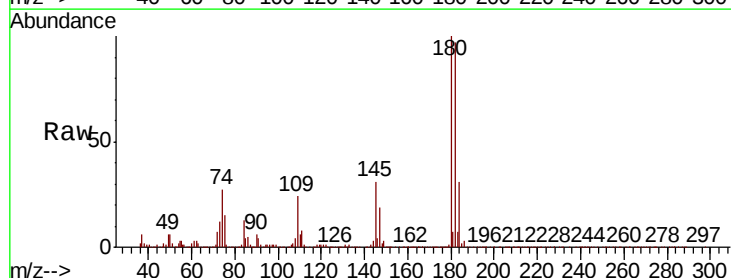
Tgt Ion:180 Resp: 179731

Ion Ratio Lower Upper

180 100

182 96.1 47.6 142.8

145 29.8 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

