

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112919\
 Data File : VX013698.D
 Acq On : 29 Nov 2019 14:03
 Operator : JC/SP
 Sample : VX1129WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBSD01

Quant Time: Nov 29 22:27:16 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	649749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	969166	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	871628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	442365	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	360267	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	
35) Dibromofluoromethane	5.48	113	293193	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
50) Toluene-d8	8.71	98	1121739	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	11.13	95	402742	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	138956	19.214	ug/l	99
3) Chloromethane	1.32	50	151532	18.673	ug/l	98
4) Vinyl Chloride	1.40	62	176024	19.272	ug/l	98
5) Bromomethane	1.63	94	100680	16.414	ug/l	96
6) Chloroethane	1.72	64	96922	18.648	ug/l	92
7) Trichlorofluoromethane	1.92	101	188495	18.586	ug/l	97
8) Diethyl Ether	2.18	74	89902	19.594	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	116939	18.877	ug/l	98
10) Methyl Iodide	2.50	142	122962	16.409	ug/l	99
11) Tert butyl alcohol	3.03	59	162491	87.284	ug/l	99
12) 1,1-Dichloroethene	2.36	96	116570	18.852	ug/l	96
13) Acrolein	2.28	56	86914	74.137	ug/l	100
14) Allyl chloride	2.72	41	202481	18.044	ug/l	98
15) Acrylonitrile	3.13	53	360345	93.773	ug/l	99
16) Acetone	2.43	43	336298	90.314	ug/l	98
17) Carbon Disulfide	2.56	76	305140	17.311	ug/l	100
18) Methyl Acetate	2.76	43	207045	19.968	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	397777	19.419	ug/l	99
20) Methylene Chloride	2.84	84	137974	19.287	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	123000	18.260	ug/l	98
22) Diisopropyl ether	3.84	45	419012	19.392	ug/l	99
23) Vinyl Acetate	3.80	43	1706145	94.918	ug/l	100
24) 1,1-Dichloroethane	3.69	63	222380	18.827	ug/l	99
25) 2-Butanone	4.65	43	513187	92.733	ug/l	98
26) 2,2-Dichloropropane	4.57	77	165150	16.899	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	144387	18.665	ug/l	99
28) Bromochloromethane	5.00	49	94403	20.217	ug/l	100
29) Tetrahydrofuran	5.11	42	328371	96.252	ug/l	99
30) Chloroform	5.20	83	255384	21.319	ug/l	99
31) Cyclohexane	5.57	56	204432	18.349	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	182750	18.256	ug/l	100
36) 1,1-Dichloropropene	5.79	75	164329	18.679	ug/l	98
37) Ethyl Acetate	4.81	43	193899	19.646	ug/l	99
38) Carbon Tetrachloride	5.77	117	157108	19.367	ug/l	99

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 Sample : VX1129WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBSD01

Quant Time: Nov 29 22:27:16 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)
39) Methylcyclohexane	7.45	83	206555	18.994	ug/l	99
40) Benzene	6.13	78	514331	19.195	ug/l	99
41) Methacrylonitrile	5.03	41	106871	19.745	ug/l	99
42) 1,2-Dichloroethane	6.18	62	181454	19.857	ug/l	100
43) Isopropyl Acetate	6.43	43	317311	19.529	ug/l	99
44) Trichloroethene	7.20	130	138482	18.832	ug/l	97
45) 1,2-Dichloropropane	7.50	63	135258	20.176	ug/l	96
46) Dibromomethane	7.65	93	88638	19.467	ug/l	99
47) Bromodichloromethane	7.89	83	175140	20.347	ug/l	98
48) Methyl methacrylate	7.76	41	160465	20.326	ug/l	100
49) 1,4-Dioxane	7.73	88	67657	382.861	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1010687	98.887	ug/l	99
52) Toluene	8.78	92	323728	19.448	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	182938	18.672	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	209758	19.596	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	136079	20.286	ug/l	97
56) Ethyl methacrylate	9.17	69	211609	19.621	ug/l	99
57) 1,3-Dichloropropane	9.37	76	227837	19.705	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	404203	95.592	ug/l	99
59) 2-Hexanone	9.48	43	762571	95.664	ug/l	99
60) Dibromochloromethane	9.57	129	136412	19.595	ug/l	99
61) 1,2-Dibromoethane	9.67	107	140941	19.672	ug/l	100
64) Tetrachloroethene	9.33	164	125606	19.324	ug/l	99
65) Chlorobenzene	10.14	112	351028	19.397	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	129337	19.903	ug/l	98
67) Ethyl Benzene	10.25	91	609671	19.605	ug/l	99
68) m/p-Xylenes	10.35	106	462992	38.888	ug/l	100
69) o-Xylene	10.70	106	226543	19.510	ug/l	99
70) Styrene	10.71	104	380303	19.470	ug/l	99
71) Bromoform	10.85	173	102437	19.051	ug/l #	99
73) Isopropylbenzene	11.01	105	598391	19.284	ug/l	99
74) N-amyl acetate	10.89	43	271789	19.120	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	213570	19.846	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	229920	23.109	ug/l	88
77) Bromobenzene	11.25	156	157997	18.848	ug/l	98
78) n-propylbenzene	11.35	91	669269	19.321	ug/l	100
79) 2-Chlorotoluene	11.42	91	396393	19.077	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	501068	19.702	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	62047	17.061	ug/l	94
82) 4-Chlorotoluene	11.51	91	457107	18.993	ug/l	99
83) tert-Butylbenzene	11.76	119	497589	19.252	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	502613	19.473	ug/l	100
85) sec-Butylbenzene	11.94	105	570566	19.327	ug/l	99
86) p-Isopropyltoluene	12.06	119	531300	19.345	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	274142	18.760	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	278583	18.717	ug/l	100
89) n-Butylbenzene	12.39	91	437974	18.697	ug/l	99
90) Hexachloroethane	12.59	117	90318	18.194	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	277755	19.238	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43732	18.662	ug/l	100

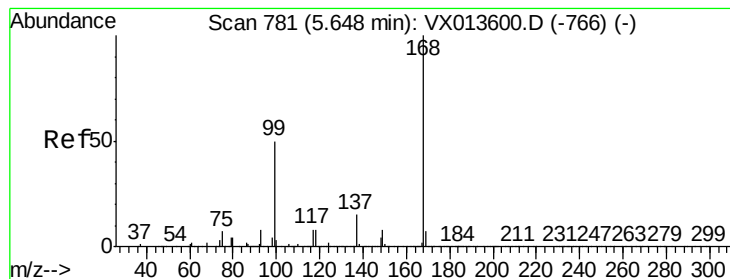
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112919\
Data File : VX013698.D
Acq On : 29 Nov 2019 14:03
Operator : JC/SP
Sample : VX1129WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

Quant Time: Nov 29 22:27:16 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	183859	18.272	ug/l	99
94) Hexachlorobutadiene	13.78	225	85401	17.668	ug/l	99
95) Naphthalene	13.83	128	569998	19.022	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	186300	18.699	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: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

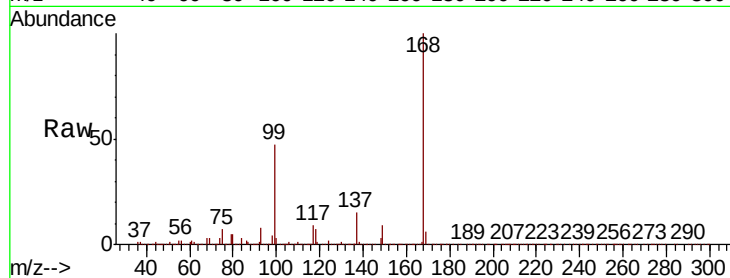
VX1129WBSD01

Tot Ion:168 Resp: 649749

Ion Ratio Lower Upper

168 100

99 47.1 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

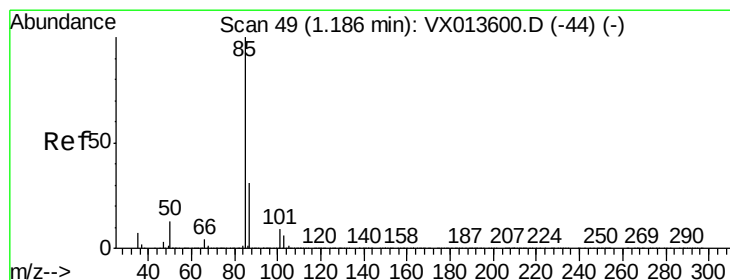
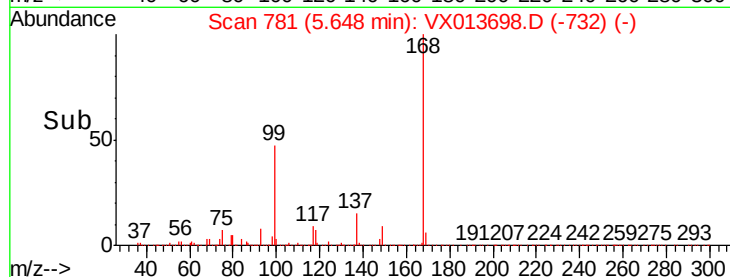
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.214 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013698.D

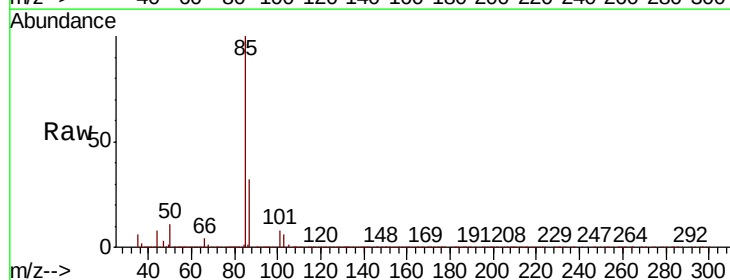
Acq: 29 Nov 2019 14:03

Tgt Ion: 85 Resp: 138956

Ion Ratio Lower Upper

85 100

87 31.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

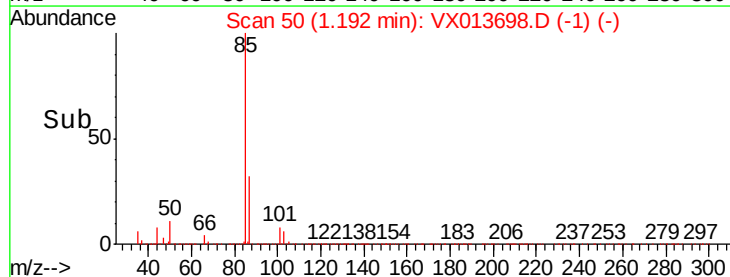
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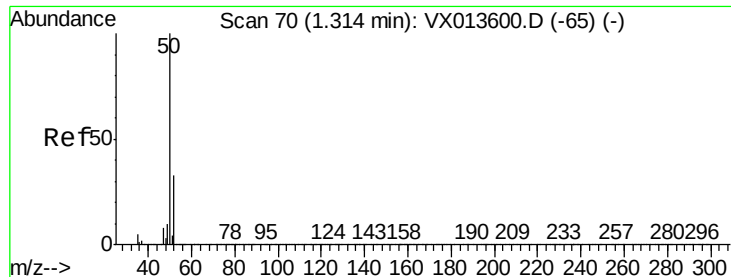
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Time-->

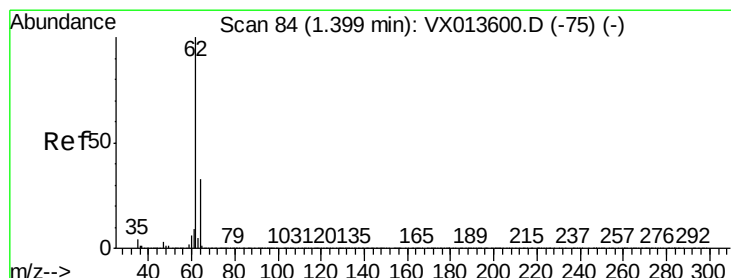
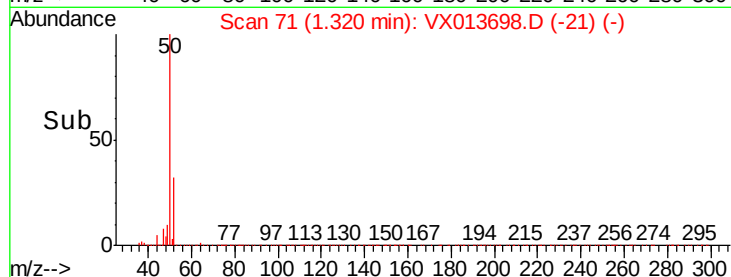
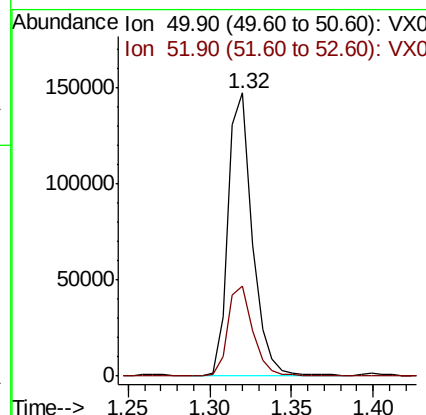
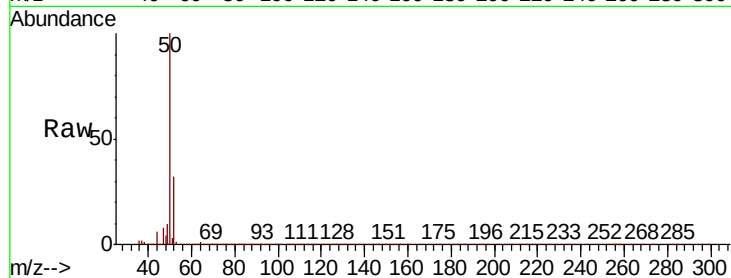




#3
Chloromethane
Concen: 18.673 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

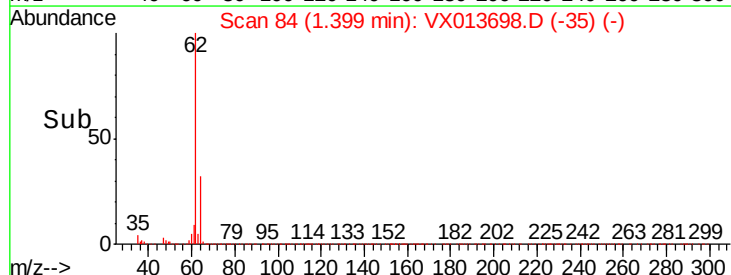
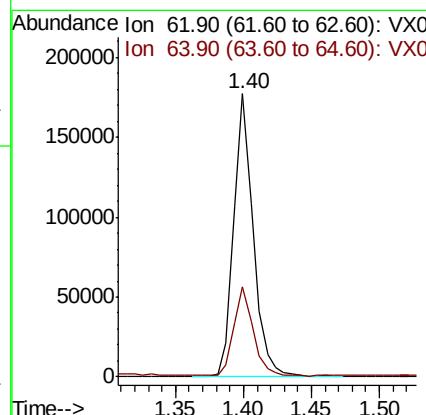
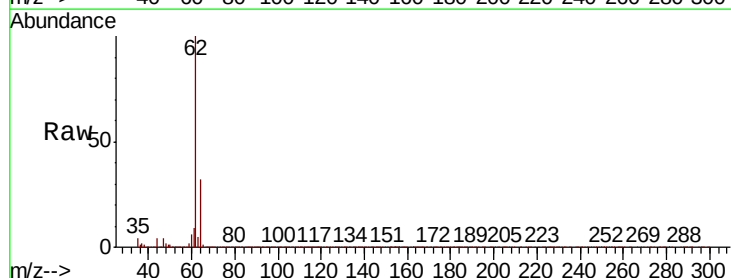
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

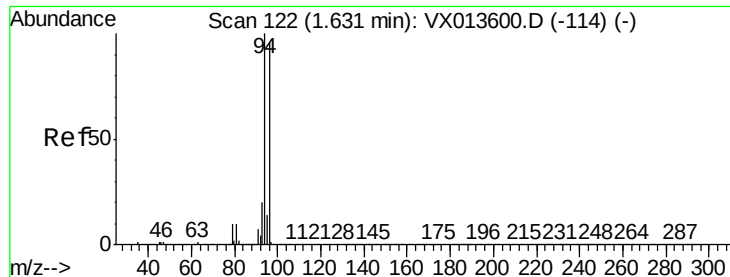
Tot Ion: 50 Resp: 151532
Ion Ratio Lower Upper
50 100
52 31.6 26.0 39.0



#4
Vinyl Chloride
Concen: 19.272 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion: 62 Resp: 176024
Ion Ratio Lower Upper
62 100
64 31.4 26.0 39.0





#5

Bromomethane

Concen: 16.414 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

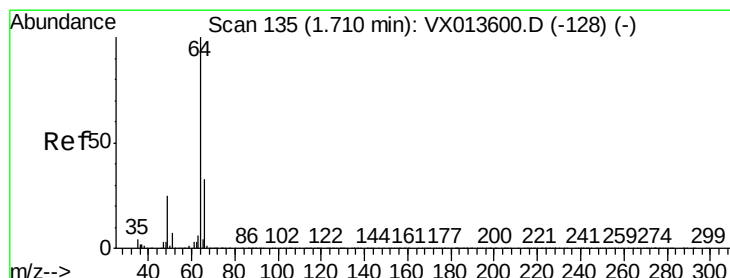
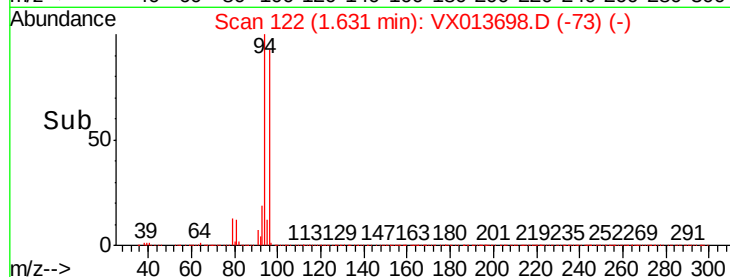
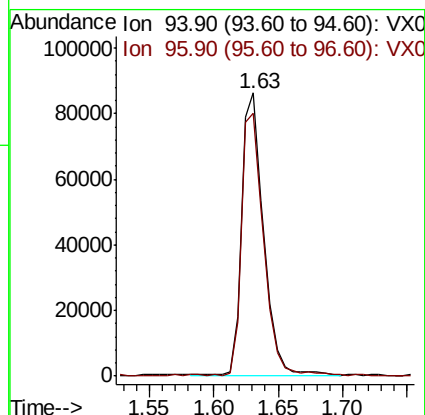
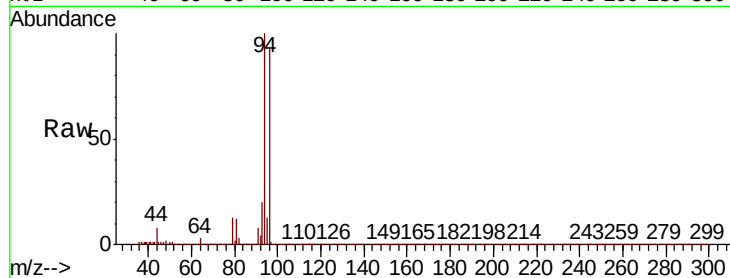
VX1129WBSD01

Tot Ion: 94 Resp: 100680

Ion Ratio Lower Upper

94 100

96 92.6 77.0 115.4



#6

Chloroethane

Concen: 18.648 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013698.D

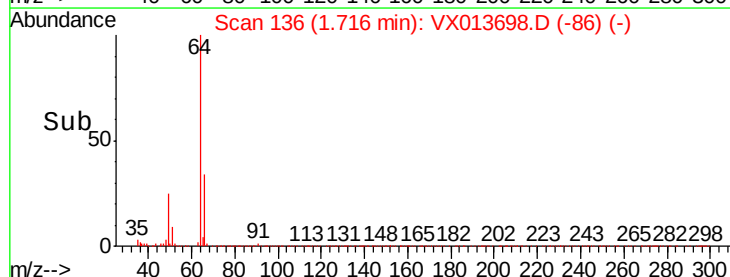
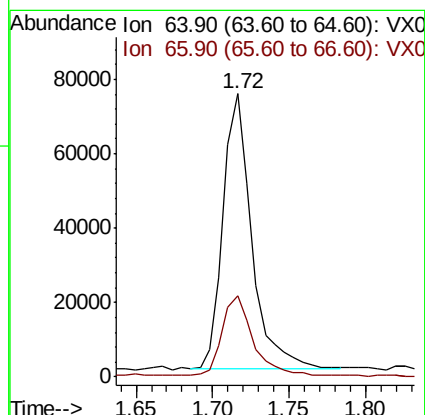
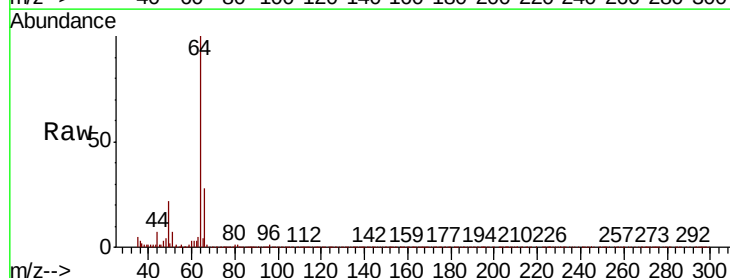
Acq: 29 Nov 2019 14:03

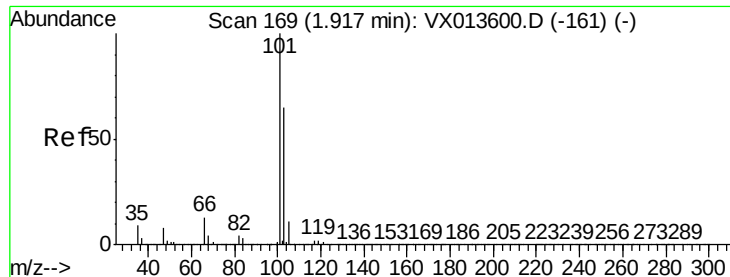
Tgt Ion: 64 Resp: 96922

Ion Ratio Lower Upper

64 100

66 28.6 26.7 40.1



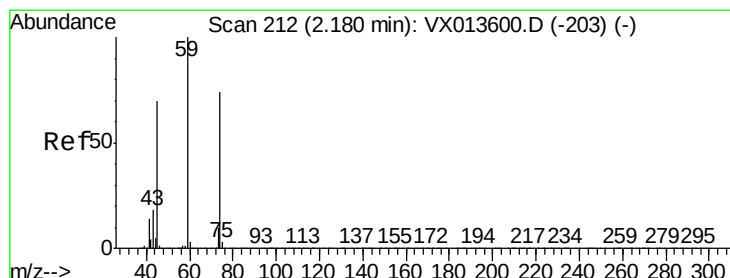
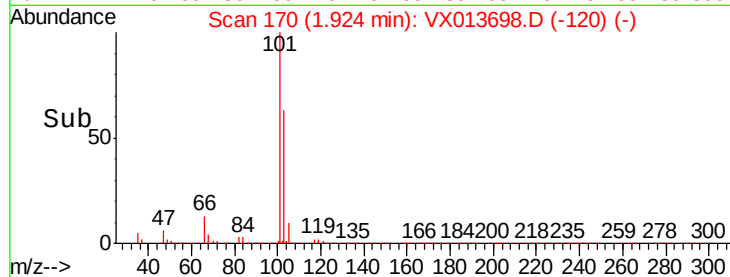
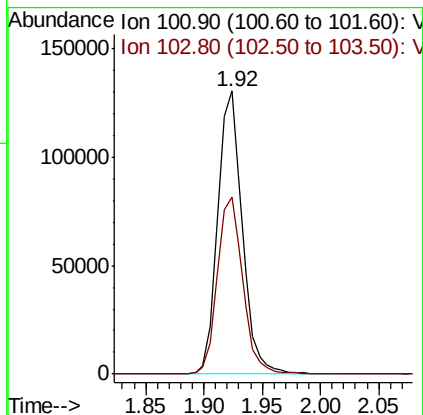
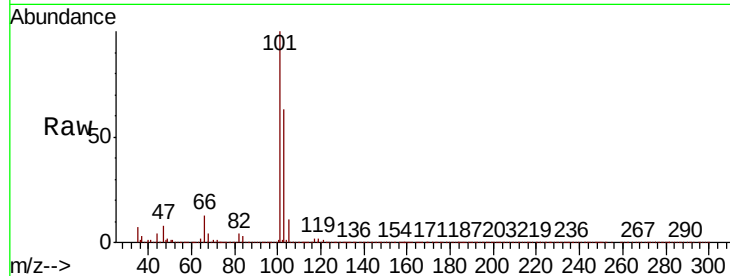


#7

Trichlorofluoromethane
Concen: 18.586 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

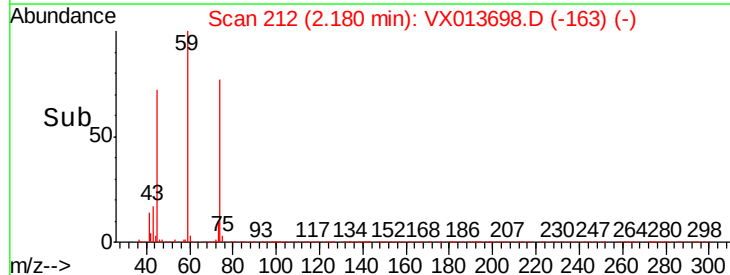
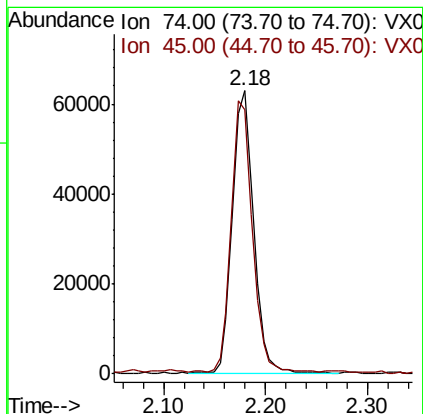
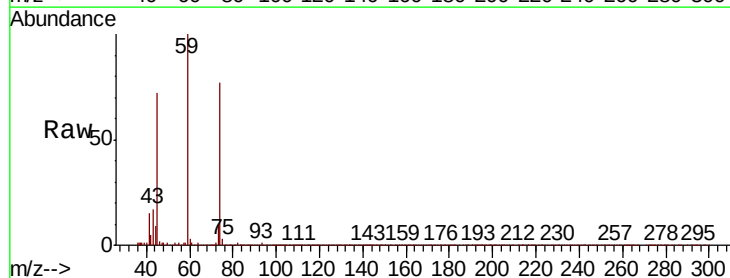
Tot Ion:101 Resp: 188495
Ion Ratio Lower Upper
101 100
103 62.6 51.8 77.6

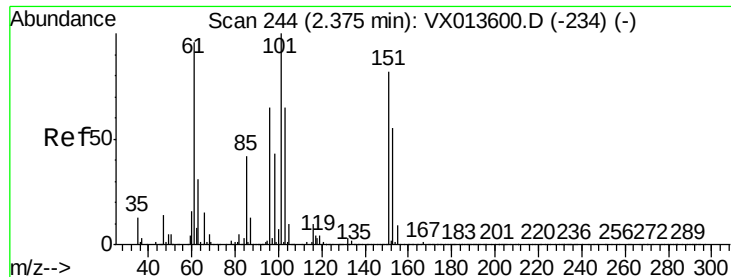


#8

Diethyl Ether
Concen: 19.594 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion: 74 Resp: 89902
Ion Ratio Lower Upper
74 100
45 96.8 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.877 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBSD01

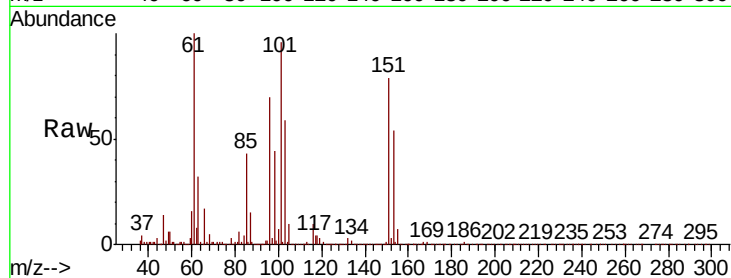
Tot Ion:101 Resp: 116939

Ion Ratio Lower Upper

101 100

85 43.2 33.9 50.9

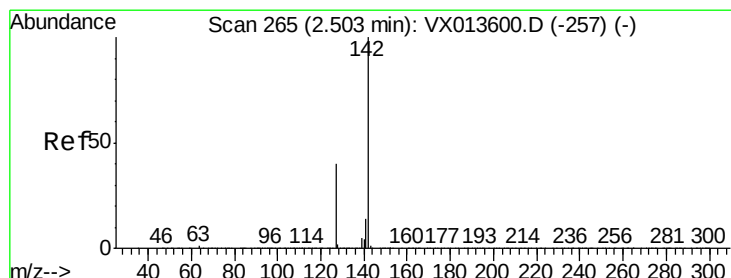
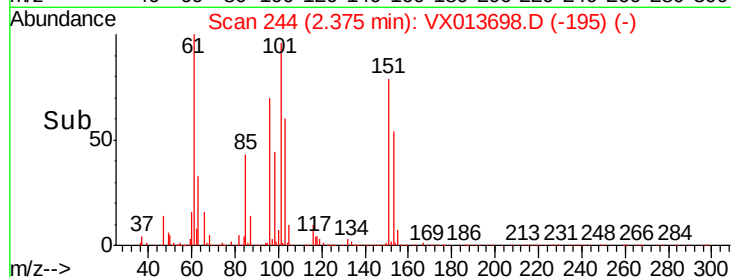
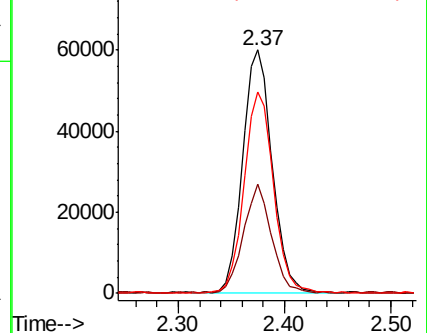
151 82.9 64.2 96.2



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: 16.409 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

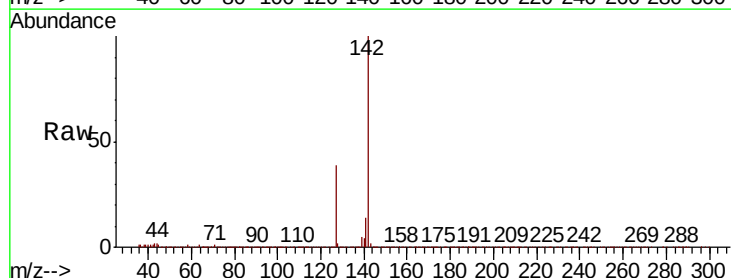
Tgt Ion:142 Resp: 122962

Ion Ratio Lower Upper

142 100

127 39.7 31.0 46.4

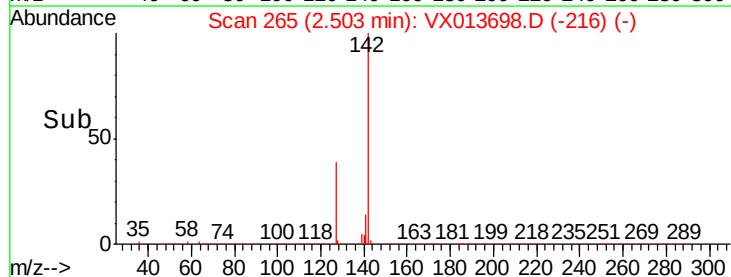
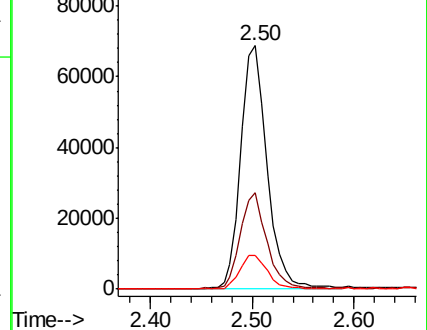
141 14.6 11.6 17.4

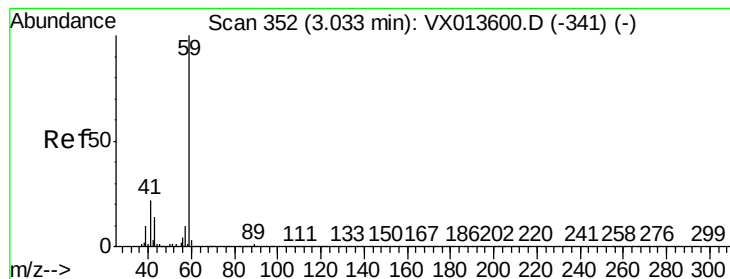


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



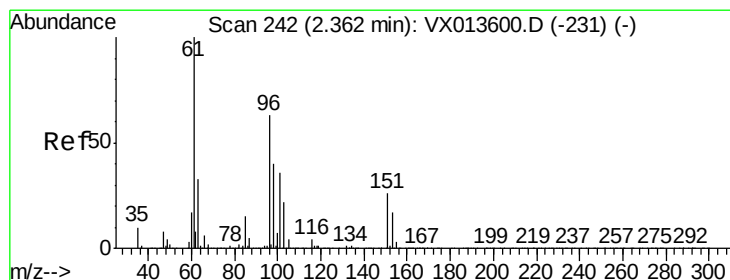
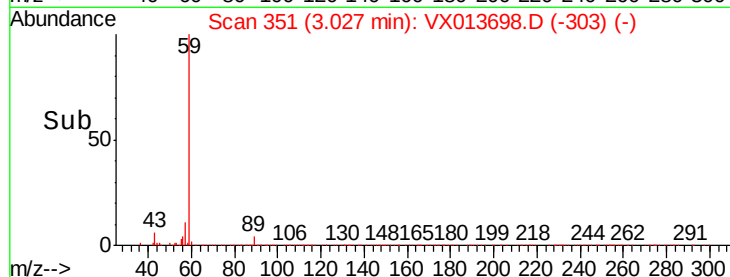
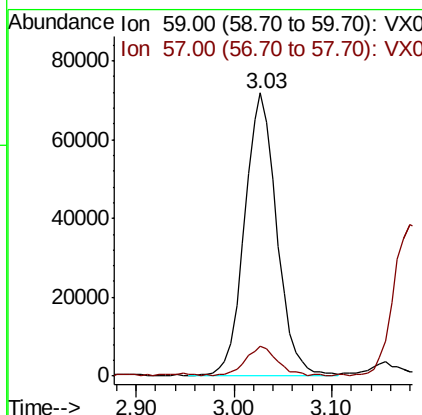
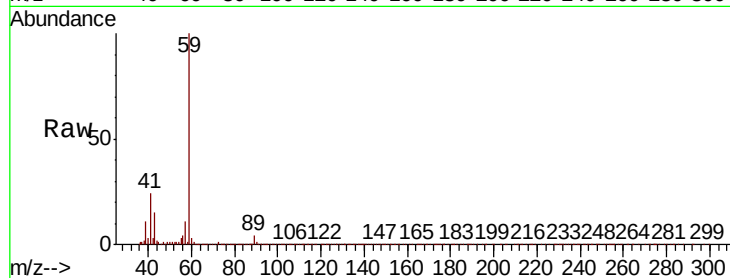


#11

Tert butyl alcohol
Concen: 87.284 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

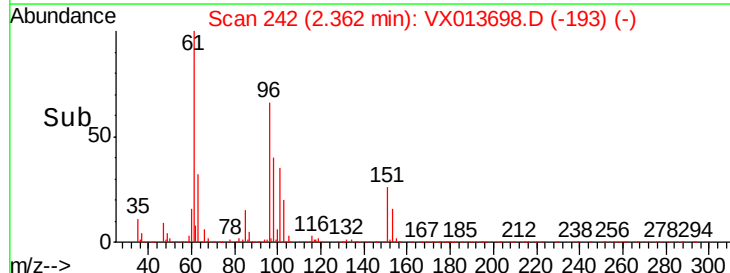
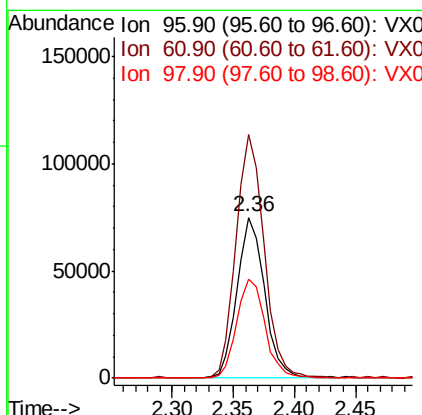
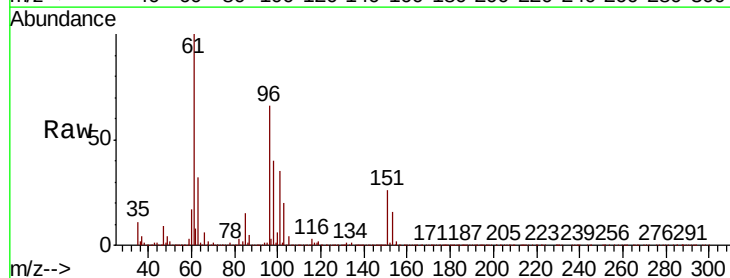
Tot Ion: 59 Resp: 162491
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.6

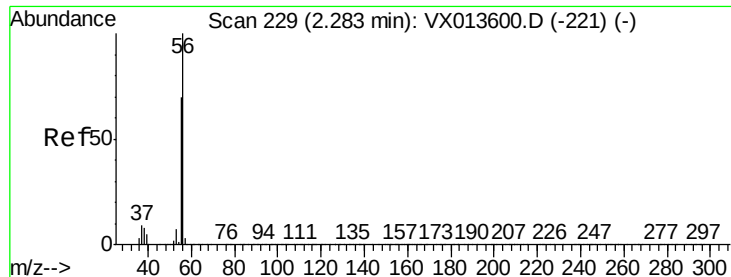


#12

1,1-Dichloroethene
Concen: 18.852 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion: 96 Resp: 116570
Ion Ratio Lower Upper
96 100
61 151.7 126.6 190.0
98 61.3 50.6 76.0





#13

Acrolein

Concen: 74.137 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

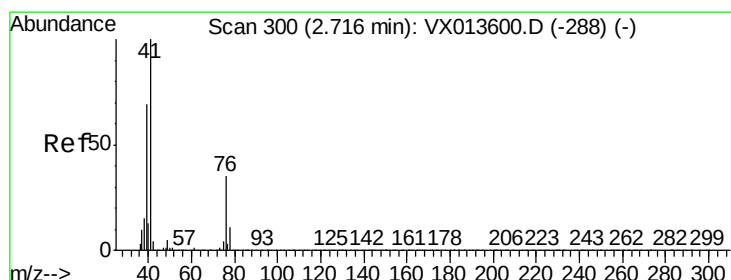
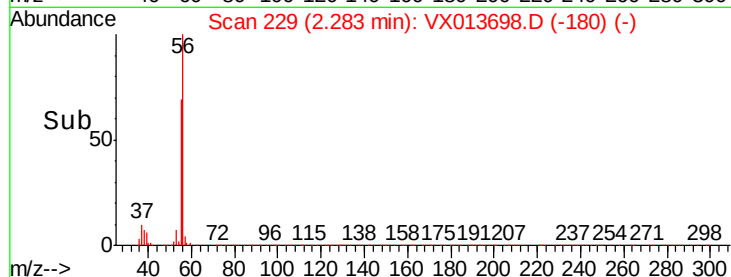
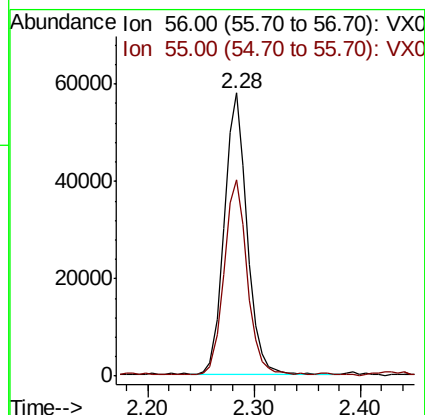
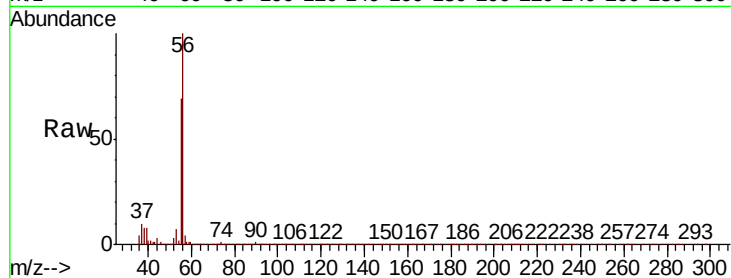
VX1129WBSD01

Tot Ion: 56 Resp: 86914

Ion Ratio Lower Upper

56 100

55 70.1 56.2 84.4



#14

Allyl chloride

Concen: 18.044 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

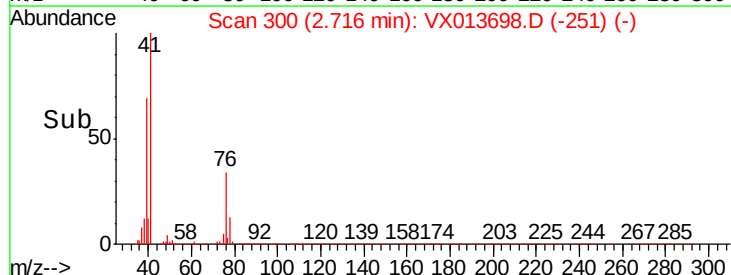
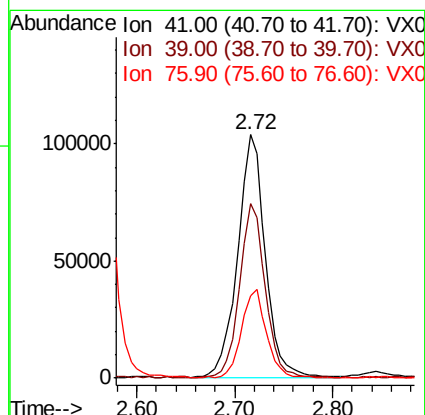
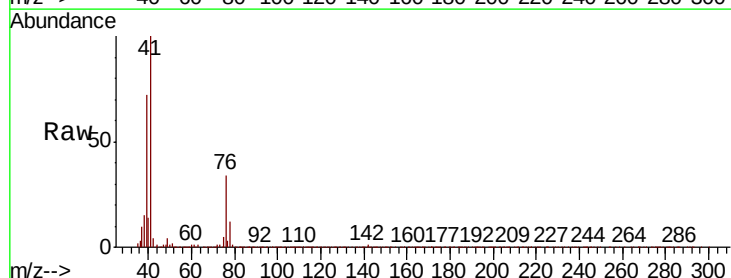
Tgt Ion: 41 Resp: 202481

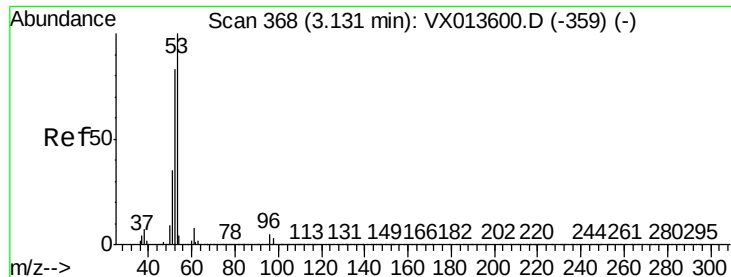
Ion Ratio Lower Upper

41 100

39 66.5 51.7 77.5

76 32.9 25.9 38.9





#15

Acrylonitrile

Concen: 93.773 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBSD01

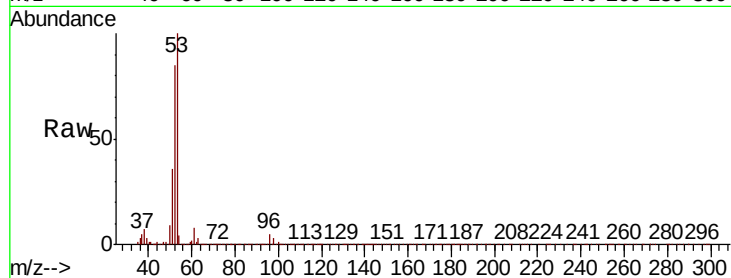
Tot Ion: 53 Resp: 360345

Ion Ratio Lower Upper

53 100

52 84.1 66.2 99.2

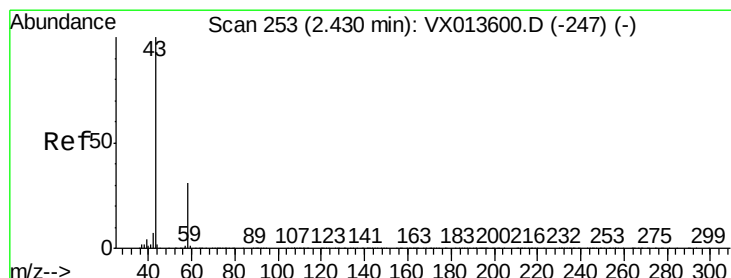
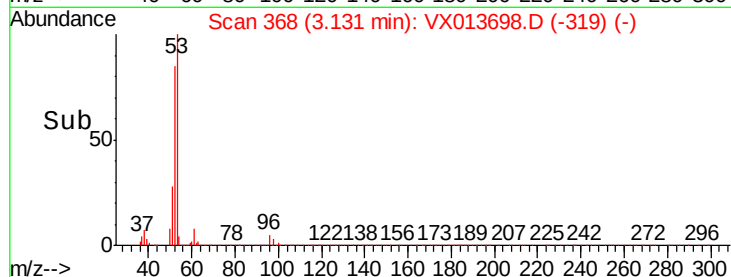
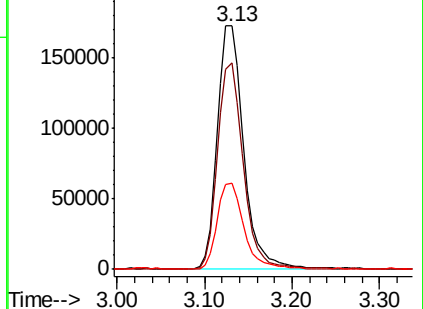
51 36.1 29.0 43.6



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: 90.314 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013698.D

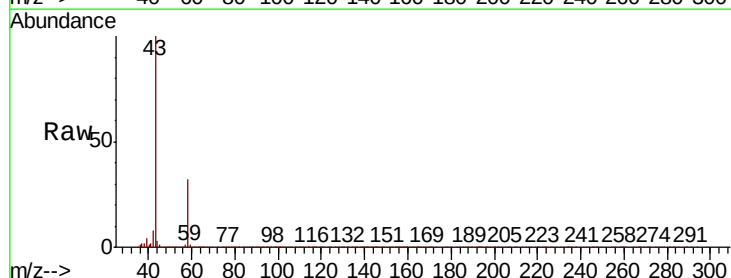
Acq: 29 Nov 2019 14:03

Tgt Ion: 43 Resp: 336298

Ion Ratio Lower Upper

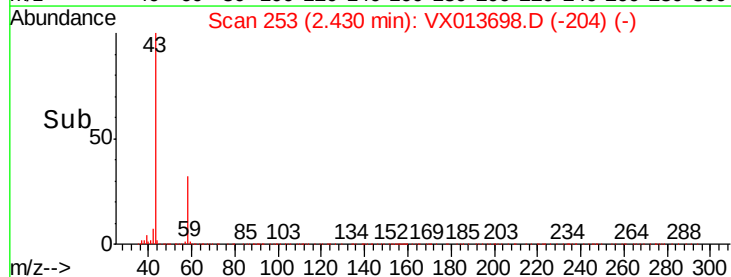
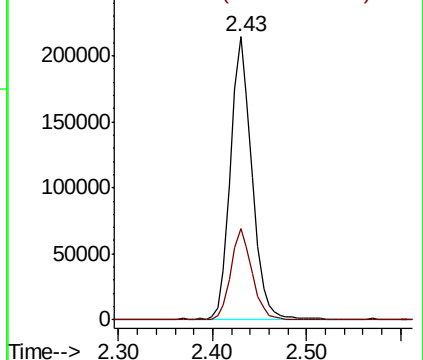
43 100

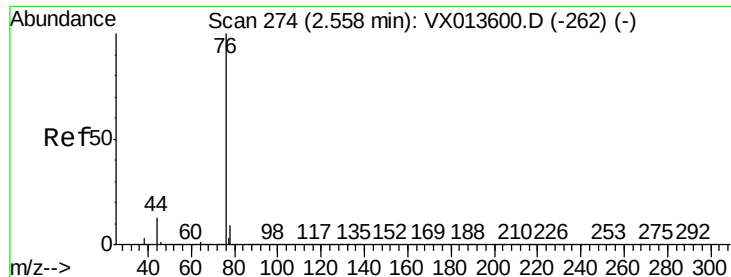
58 32.1 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.311 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

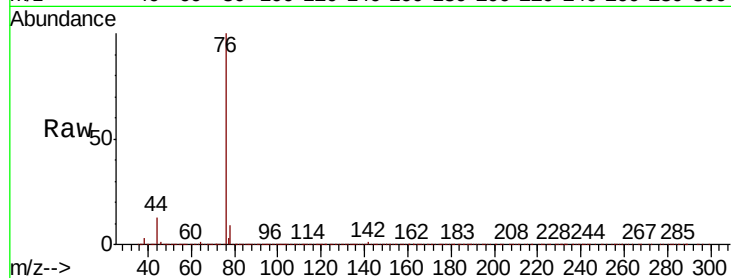
VX1129WBSD01

Tot Ion: 76 Resp: 305140

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

200000

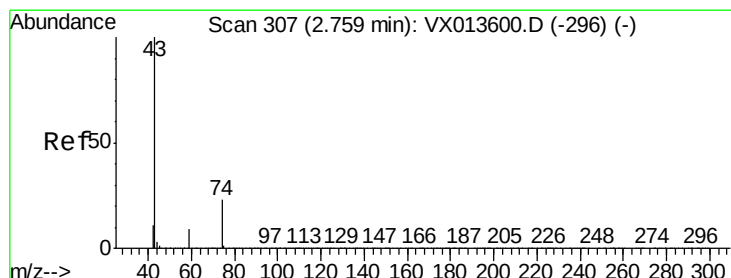
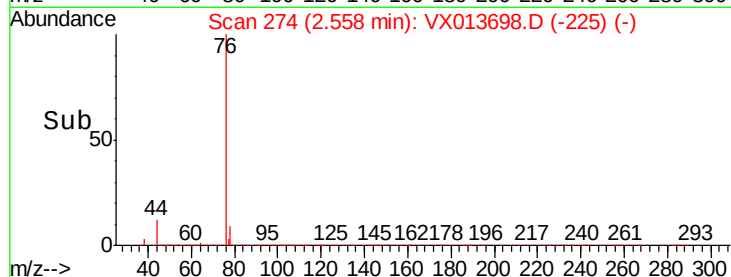
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 19.968 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013698.D

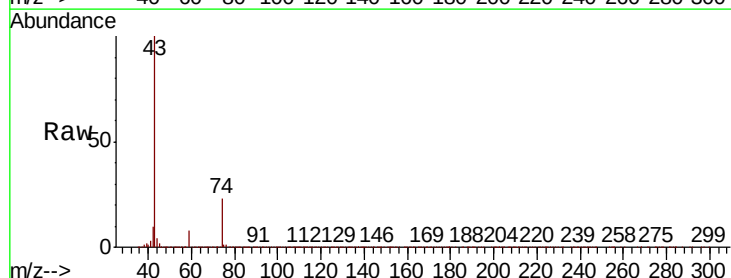
Acq: 29 Nov 2019 14:03

Tgt Ion: 43 Resp: 207045

Ion Ratio Lower Upper

43 100

74 23.8 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

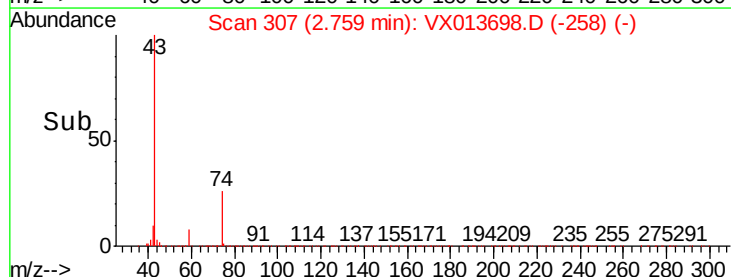
2.76

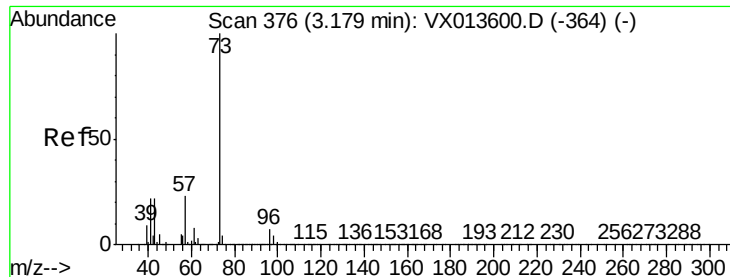
100000

50000

0

Time-->



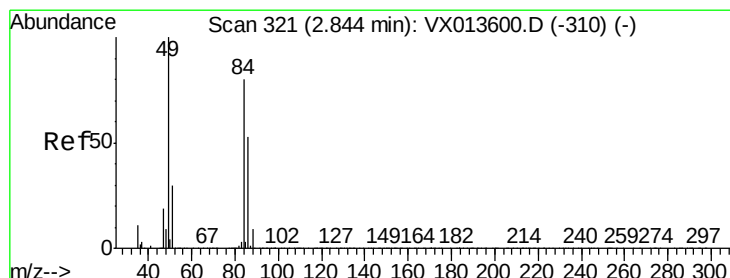
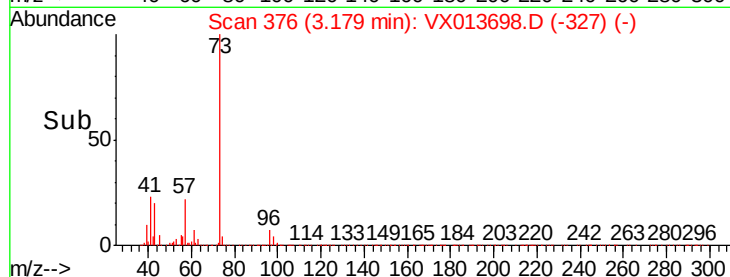
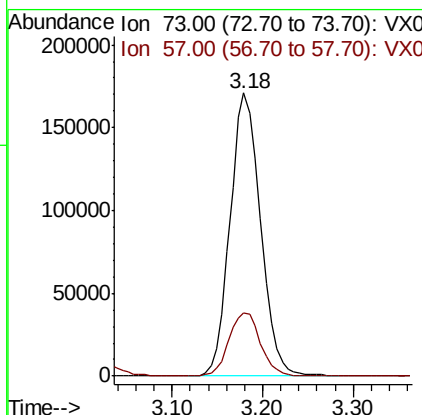
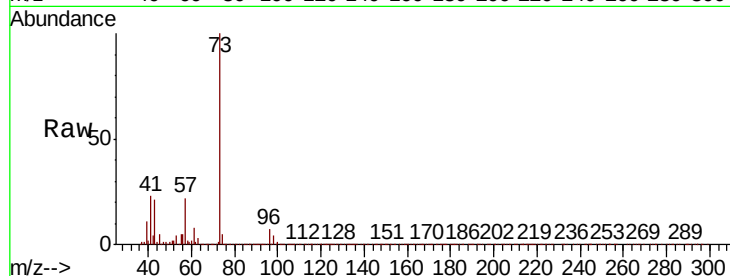


#19

Methyl tert-butyl Ether
 Concen: 19.419 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBSD01

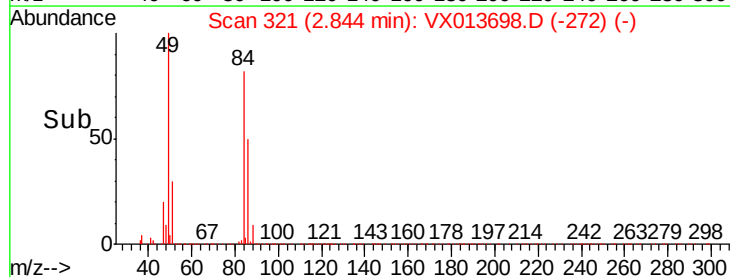
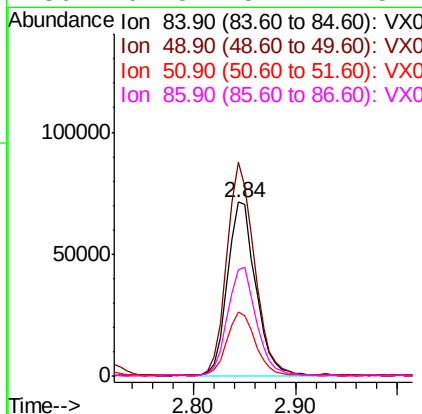
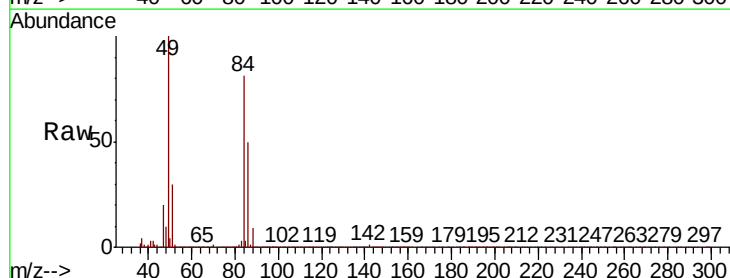
Tot Ion: 73 Resp: 397777
 Ion Ratio Lower Upper
 73 100
 57 22.3 18.3 27.5

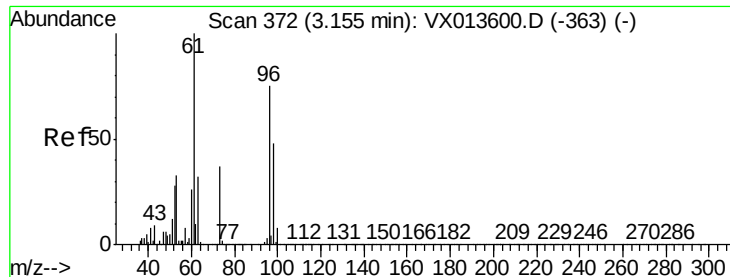


#20

Methylene Chloride
 Concen: 19.287 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

Tgt Ion: 84 Resp: 137974
 Ion Ratio Lower Upper
 84 100
 49 122.7 99.7 149.5
 51 36.5 29.9 44.9
 86 61.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 18.260 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBSD01

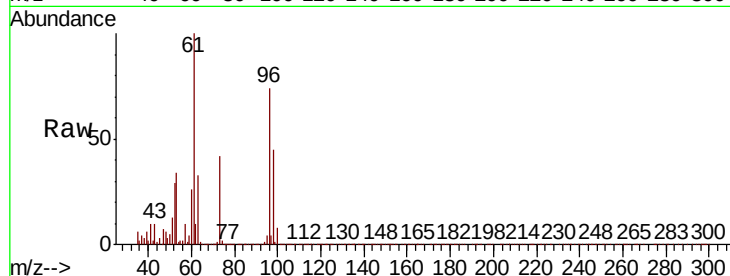
Tot Ion: 96 Resp: 123000

Ion Ratio Lower Upper

96 100

61 135.9 107.2 160.8

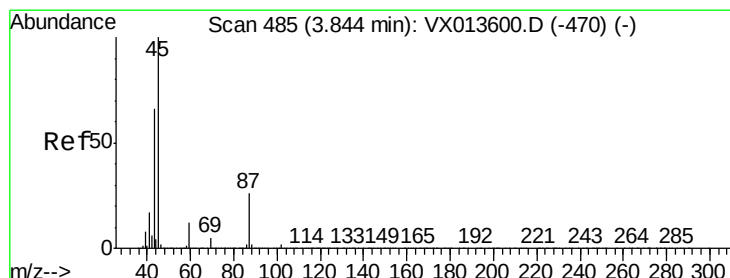
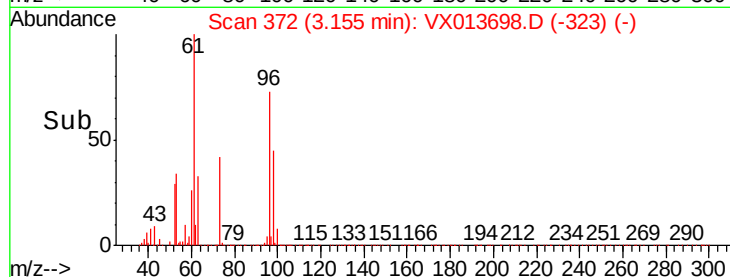
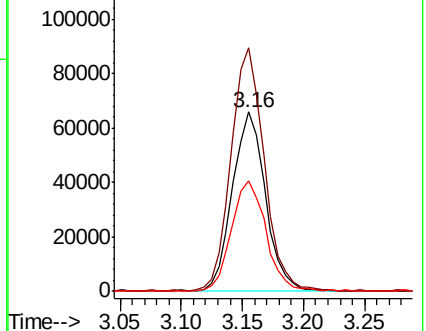
98 61.2 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.392 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Tgt Ion: 45 Resp: 419012

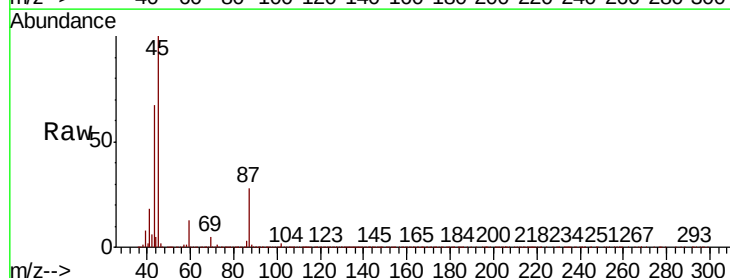
Ion Ratio Lower Upper

45 100

43 65.9 52.6 79.0

87 28.2 21.1 31.7

59 12.3 9.2 13.8

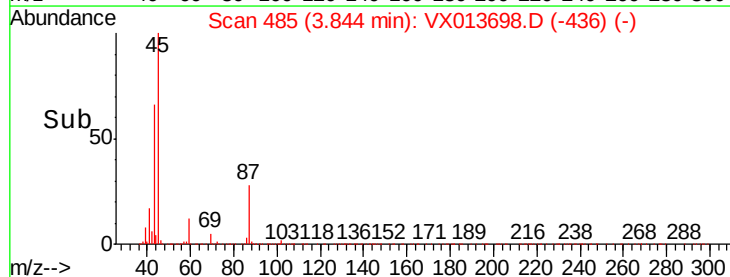
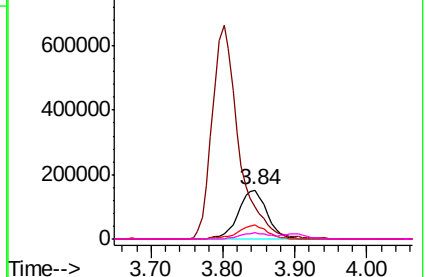


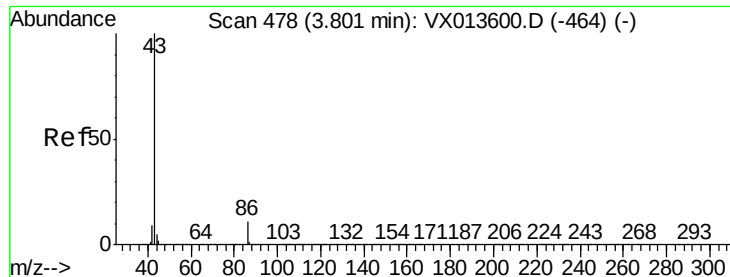
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 94.918 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

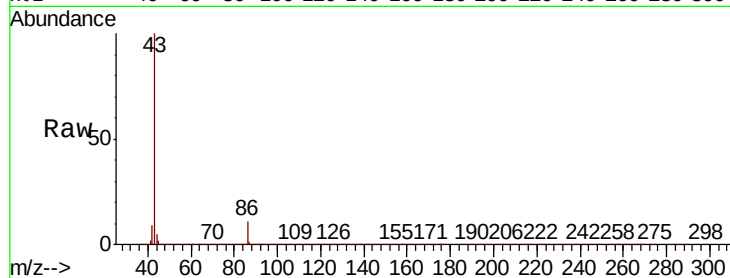
VX1129WBSD01

Tot Ion: 43 Resp: 1706145

Ion Ratio Lower Upper

43 100

86 10.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

600000

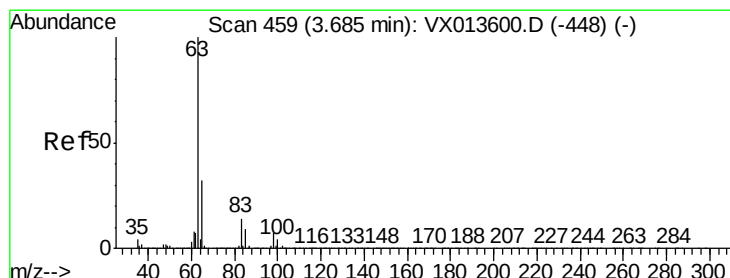
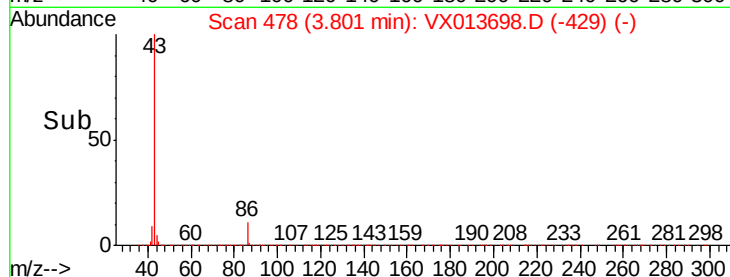
400000

200000

0

Time-->

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 18.827 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

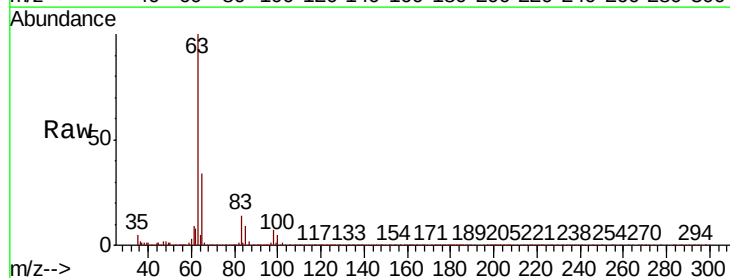
Tgt Ion: 63 Resp: 222380

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.9 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

120000

100000

80000

60000

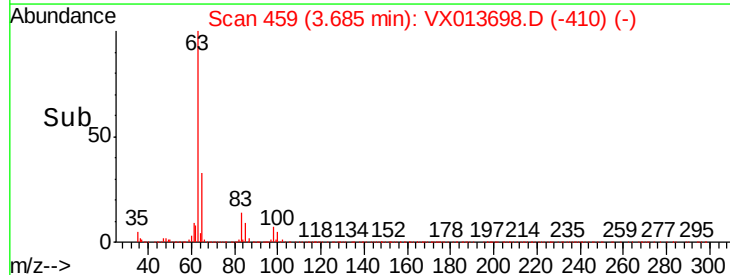
40000

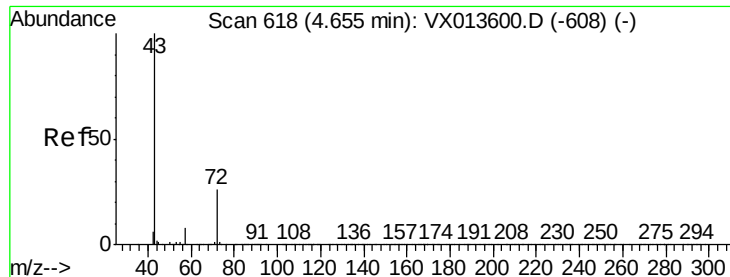
20000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 92.733 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

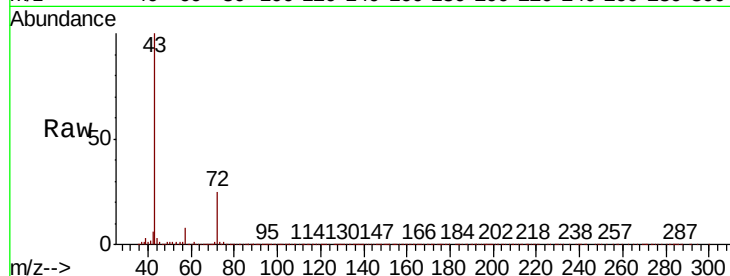
VX1129WBSD01

Tot Ion: 43 Resp: 513187

Ion Ratio Lower Upper

43 100

72 24.8 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

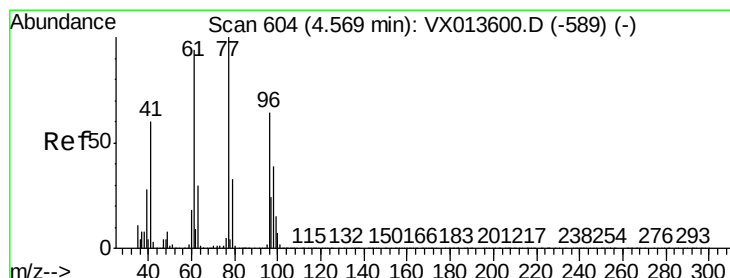
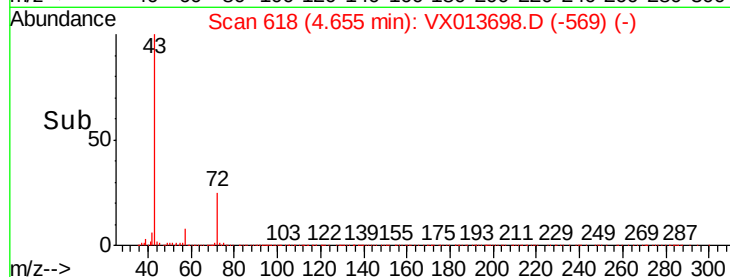
100000

50000

0

4.60 4.65 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 16.899 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013698.D

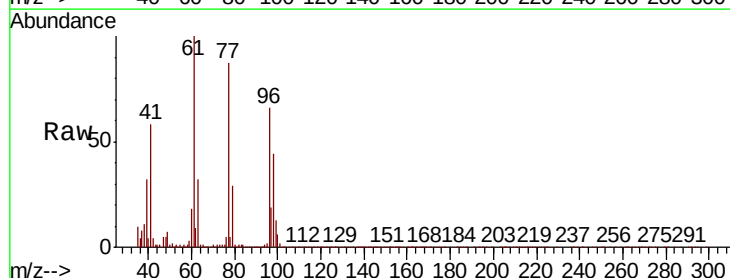
Acq: 29 Nov 2019 14:03

Tgt Ion: 77 Resp: 165150

Ion Ratio Lower Upper

77 100

97 24.5 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

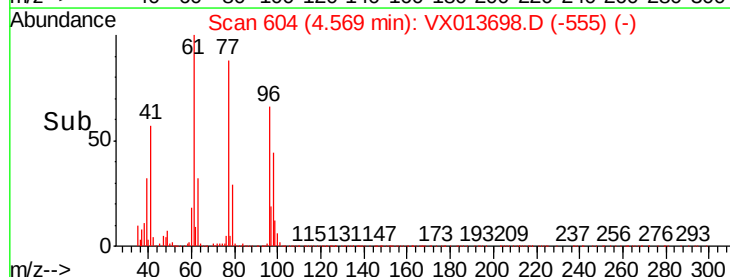
20000

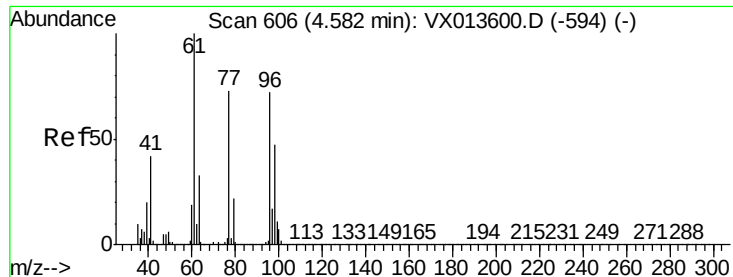
10000

0

4.40 4.50 4.60 4.70

Time-->



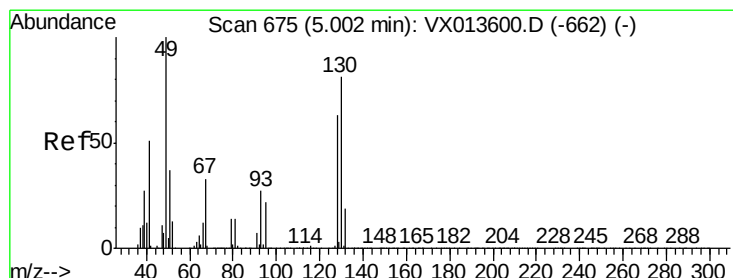
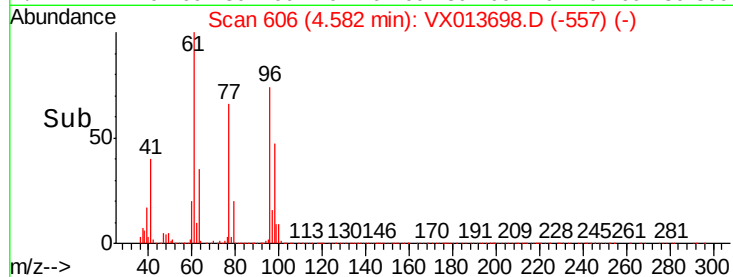
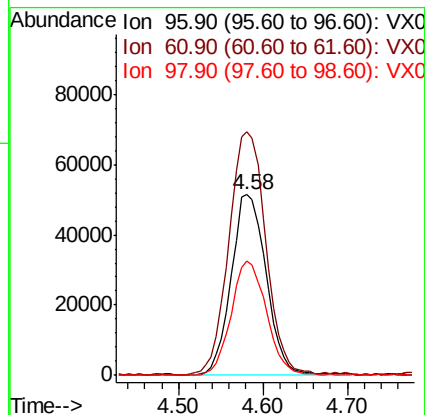
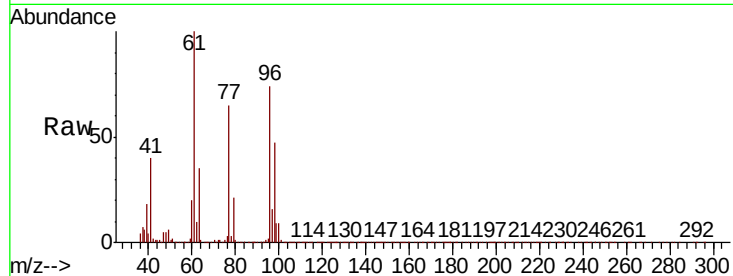


#27

cis-1,2-Dichloroethene
Concen: 18.665 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

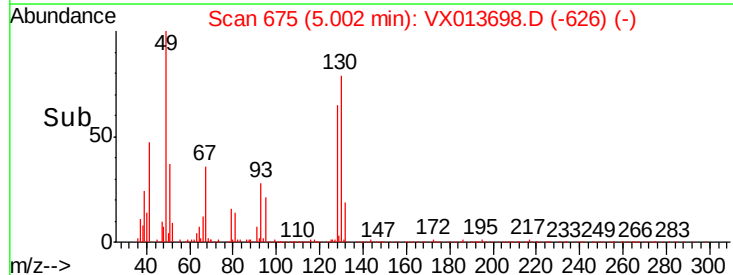
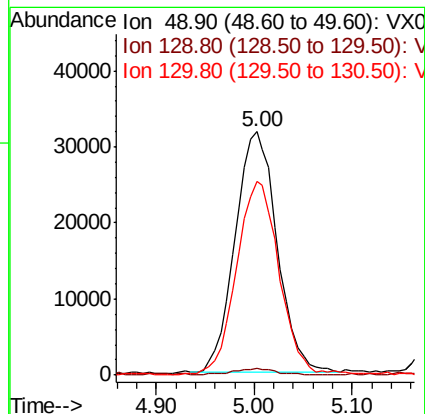
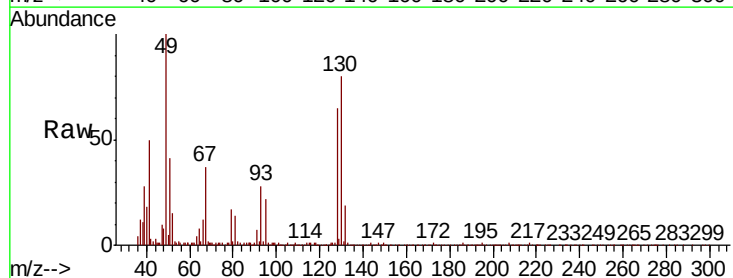
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	286.4
98	64.2	0.0	127.4

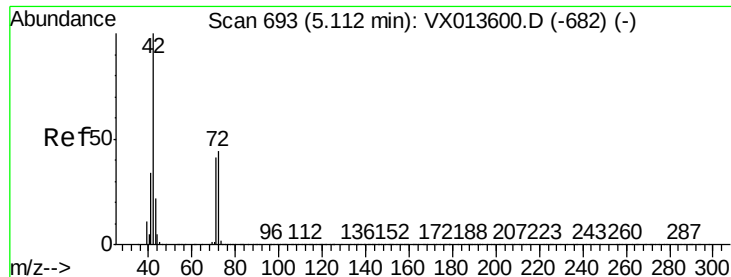


#28

Bromochloromethane
Concen: 20.217 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	81.5	65.4	98.0





#29

Tetrahydrofuran

Concen: 96.252 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBSD01

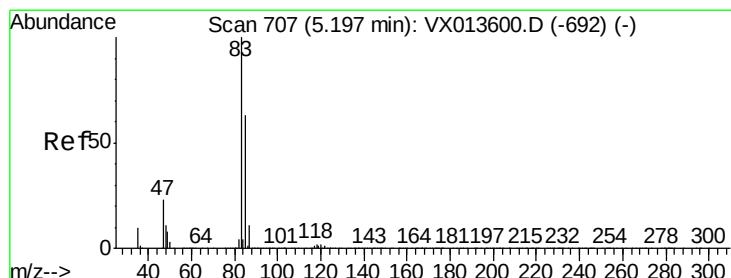
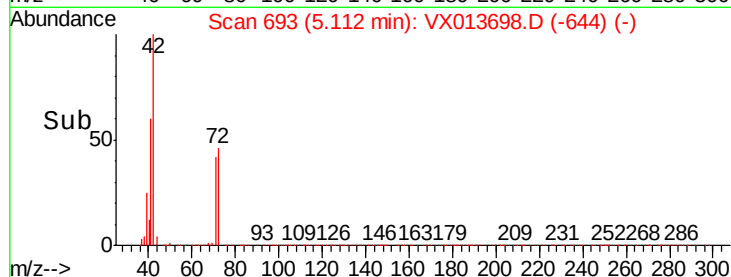
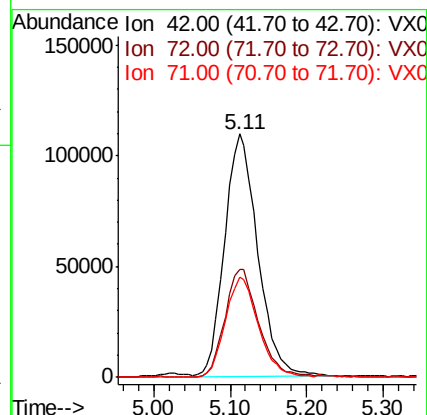
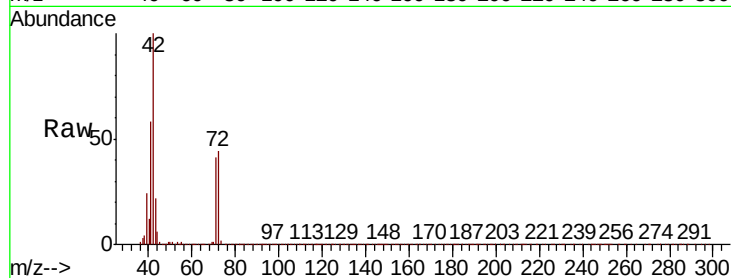
Tot Ion: 42 Resp: 328371

Ion Ratio Lower Upper

42 100

72 45.1 36.3 54.5

71 41.0 33.2 49.8



#30

Chloroform

Concen: 21.319 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013698.D

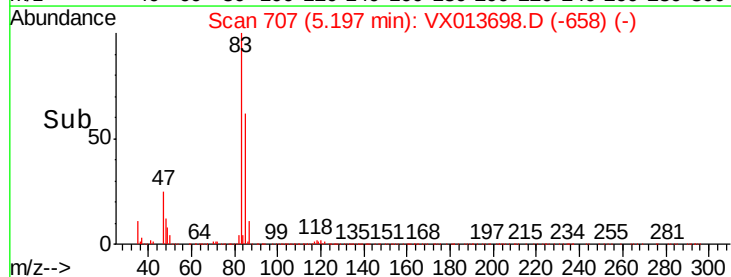
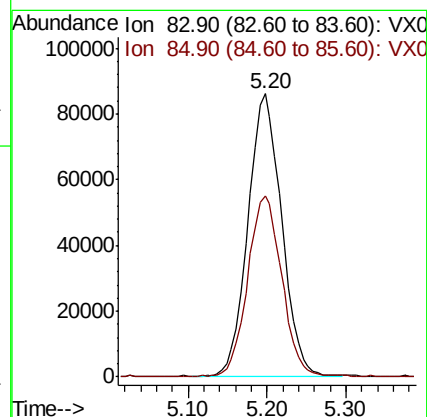
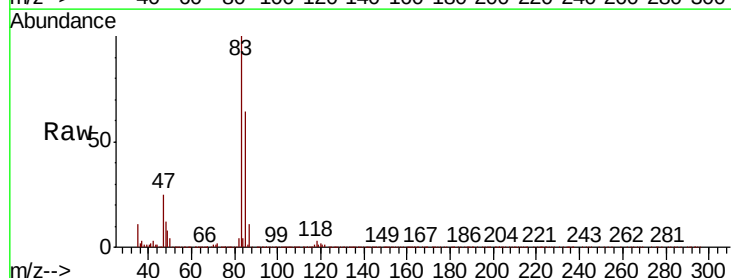
Acq: 29 Nov 2019 14:03

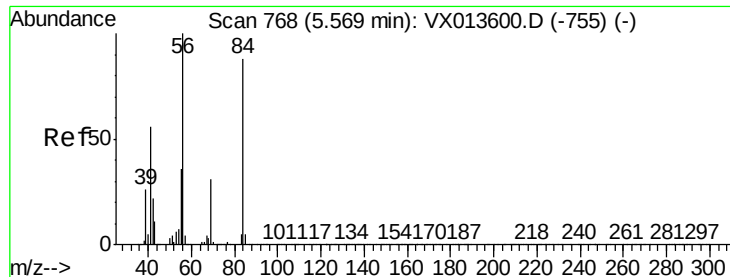
Tgt Ion: 83 Resp: 255384

Ion Ratio Lower Upper

83 100

85 63.7 50.2 75.4

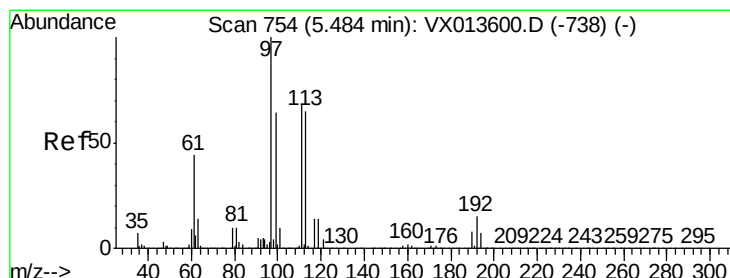
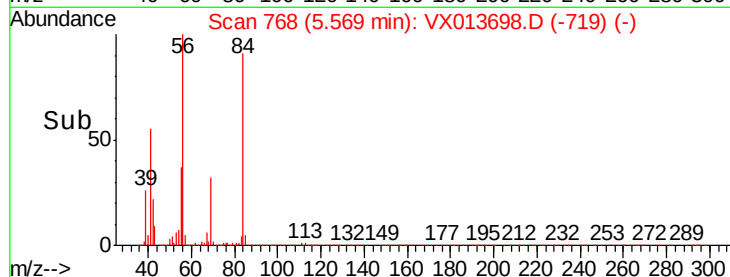
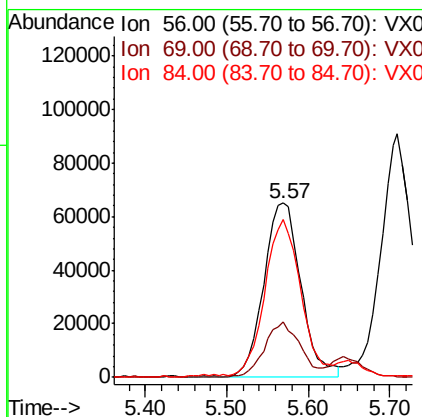
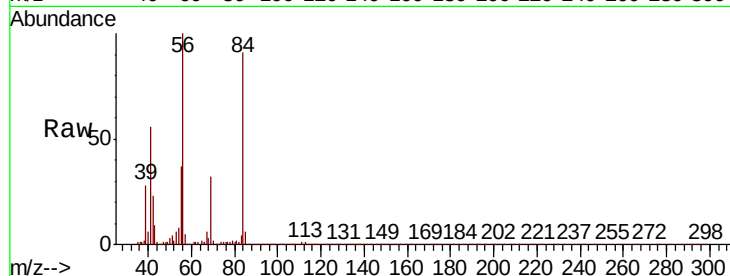




#31
Cyclohexane
Concen: 18.349 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

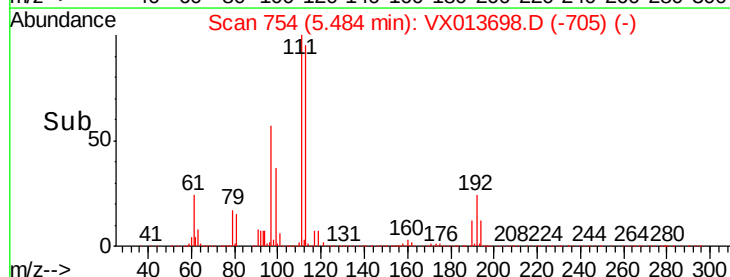
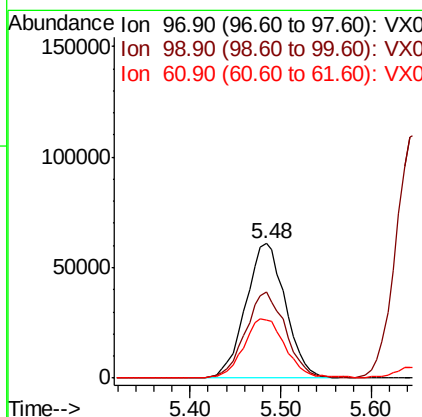
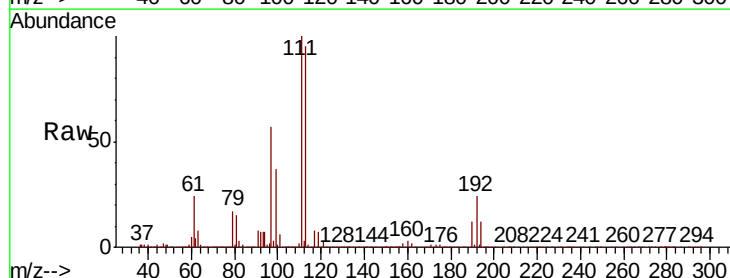
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

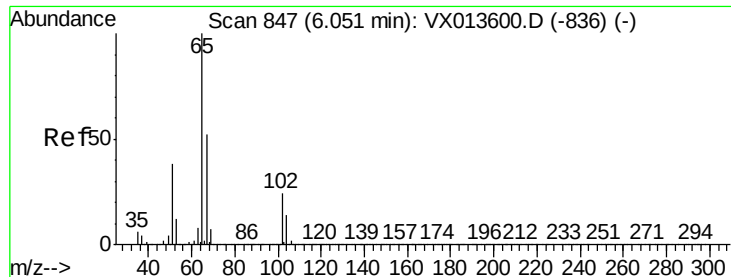
Tot Ion: 56 Resp: 204432
Ion Ratio Lower Upper
56 100
69 32.0 24.6 36.8
84 90.2 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.256 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion: 97 Resp: 182750
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 44.8 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 47.767 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

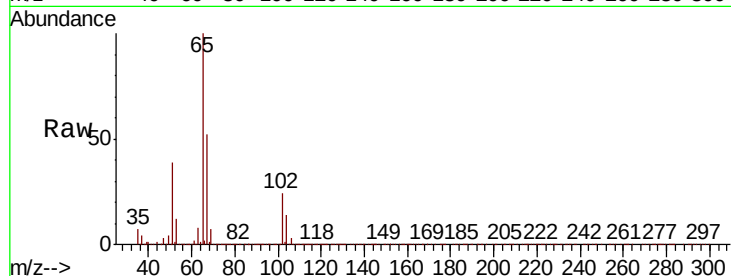
VX1129WBSD01

Tot Ion: 65 Resp: 360267

Ion Ratio Lower Upper

65 100

67 52.9 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

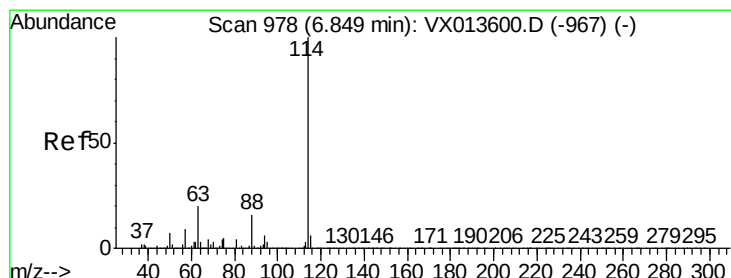
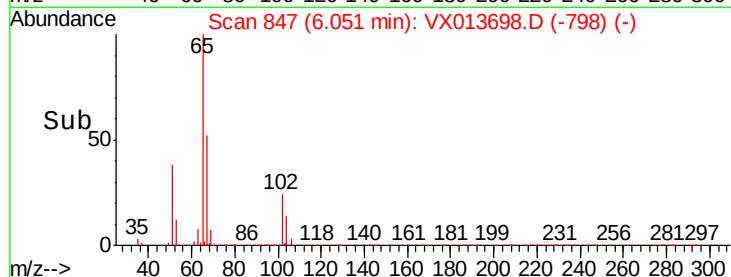
150000

100000

50000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

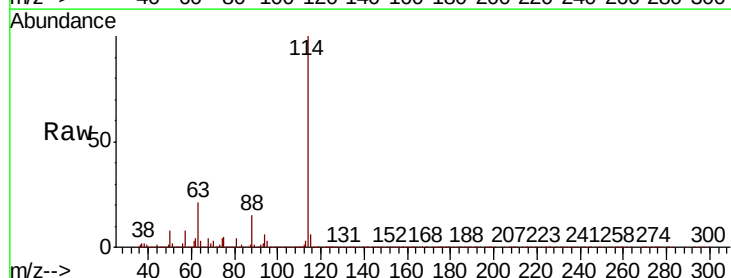
Tgt Ion: 114 Resp: 969166

Ion Ratio Lower Upper

114 100

63 20.5 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

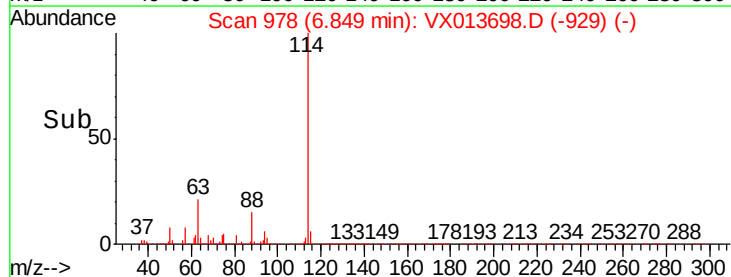
300000

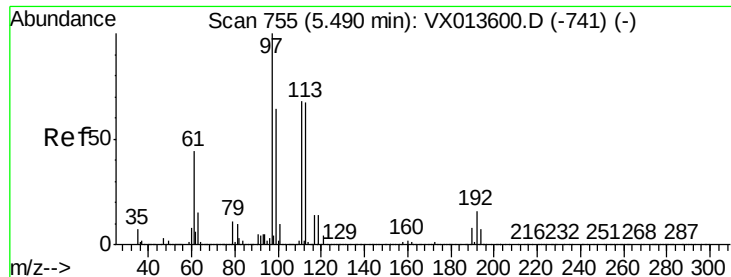
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.935 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBSD01

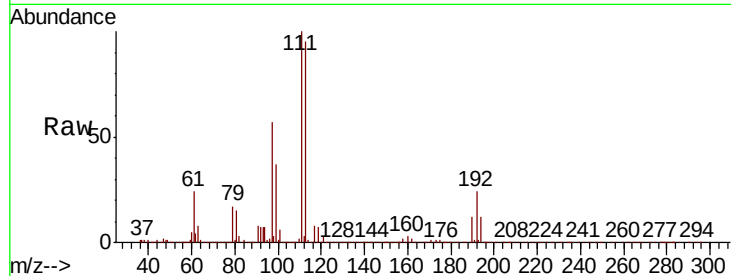
Tot Ion:113 Resp: 293193

Ion Ratio Lower Upper

113 100

111 103.3 83.6 125.4

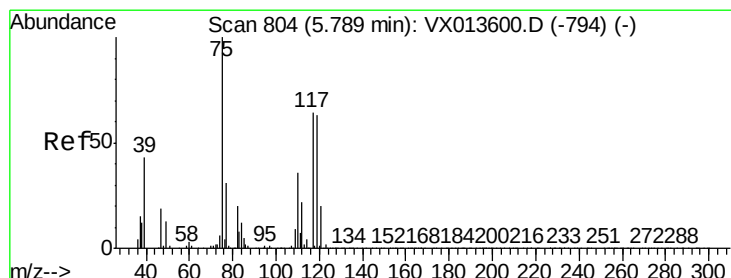
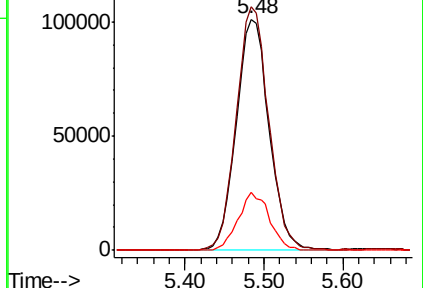
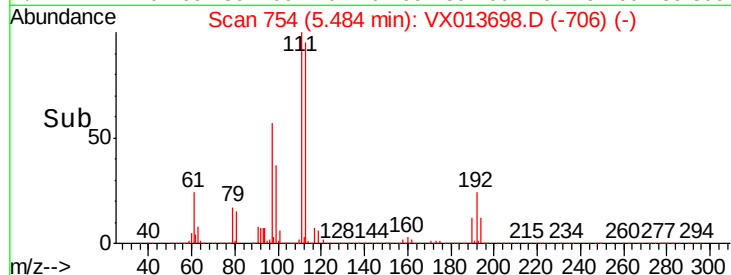
192 23.6 19.2 28.8



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: 18.679 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

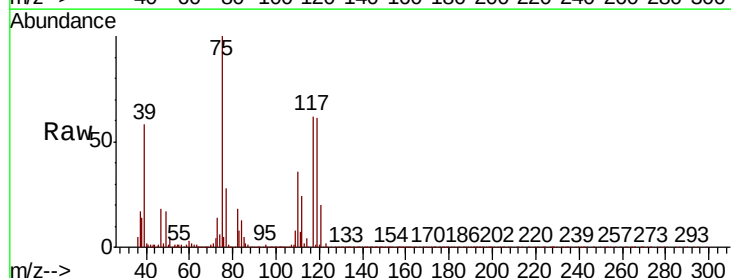
Tgt Ion: 75 Resp: 164329

Ion Ratio Lower Upper

75 100

110 38.5 18.1 54.1

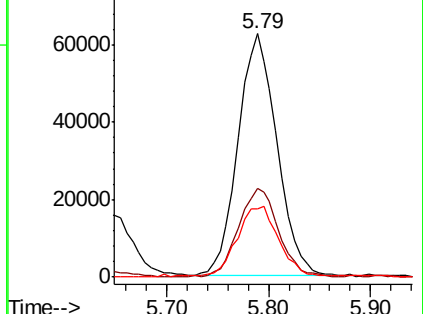
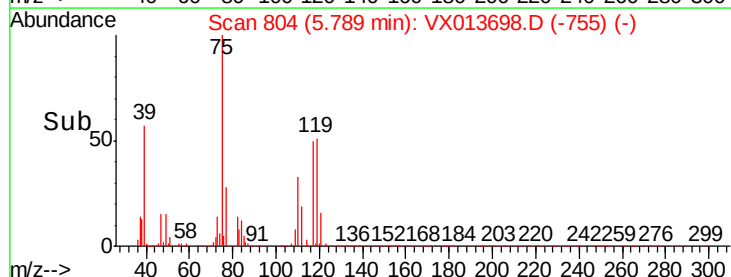
77 30.5 24.5 36.7

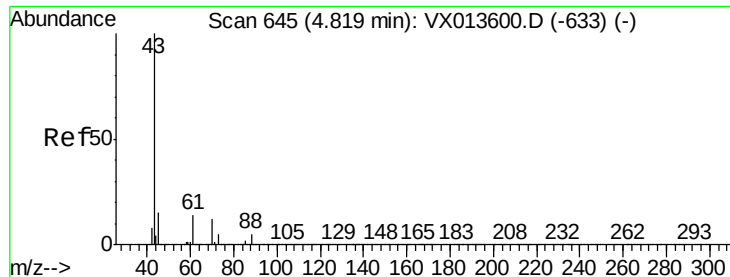


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

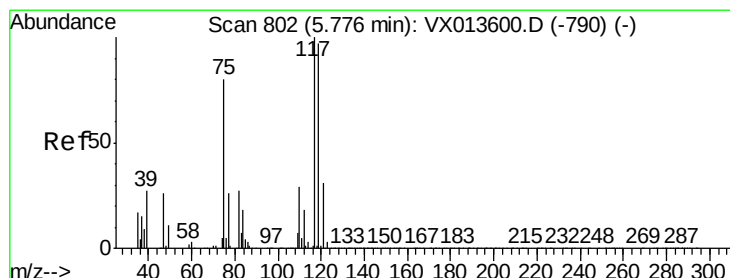
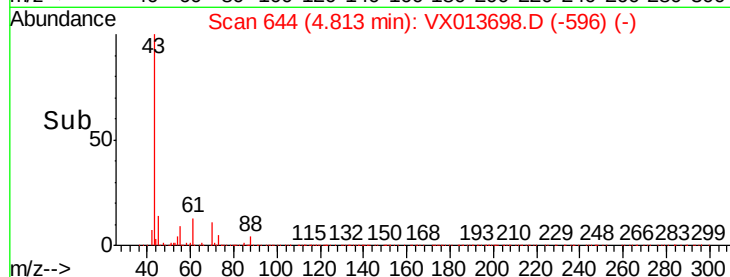
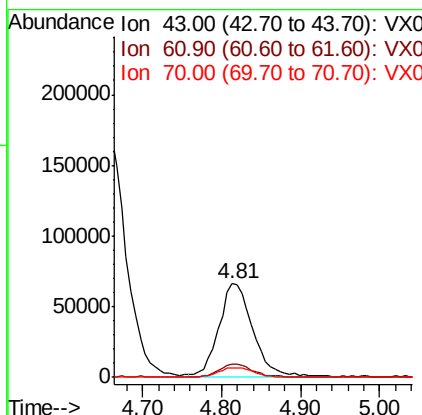
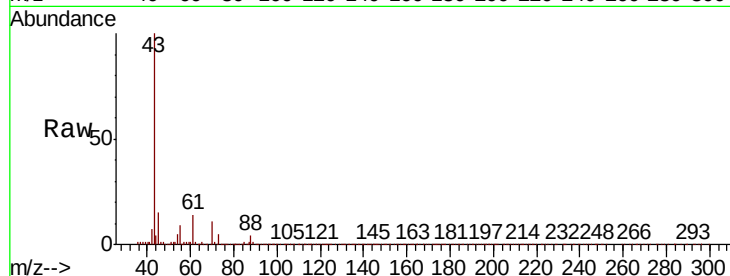




#37
Ethyl Acetate
Concen: 19.646 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

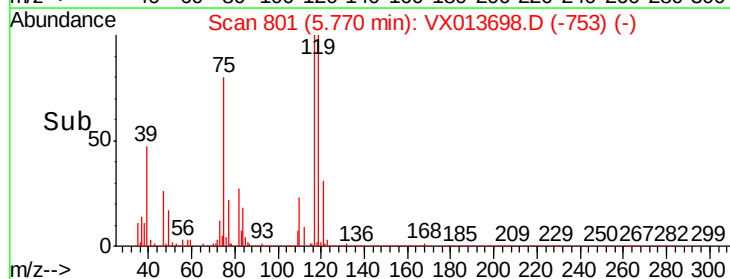
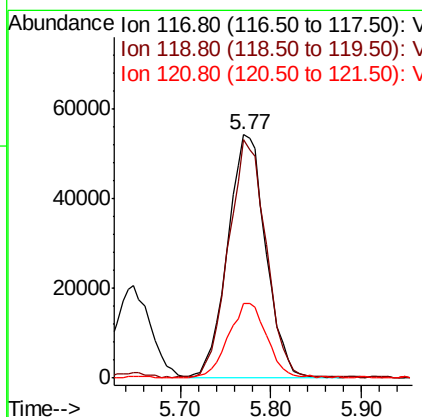
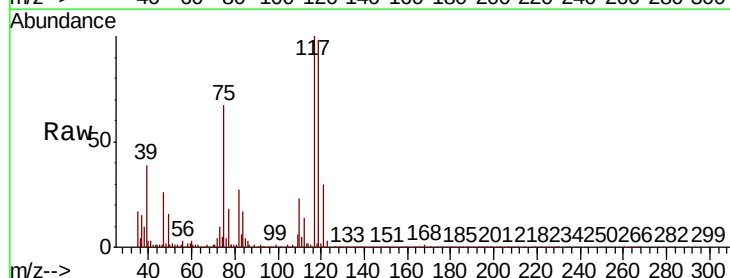
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

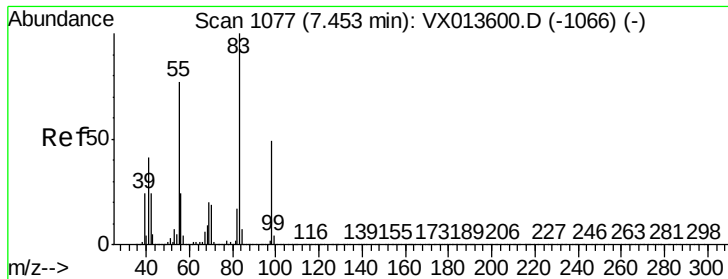
Tot Ion: 43 Resp: 193899
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 11.8 8.6 12.8



#38
Carbon Tetrachloride
Concen: 19.367 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion: 117 Resp: 157108
Ion Ratio Lower Upper
117 100
119 97.7 77.5 116.3
121 30.2 25.0 37.6

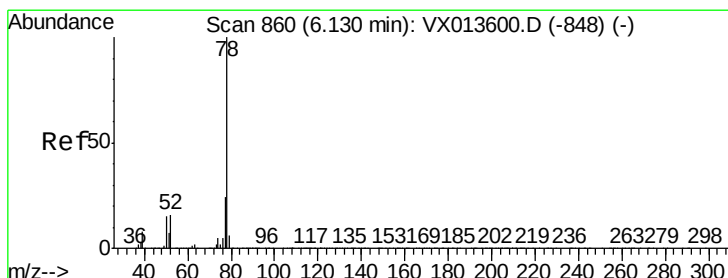
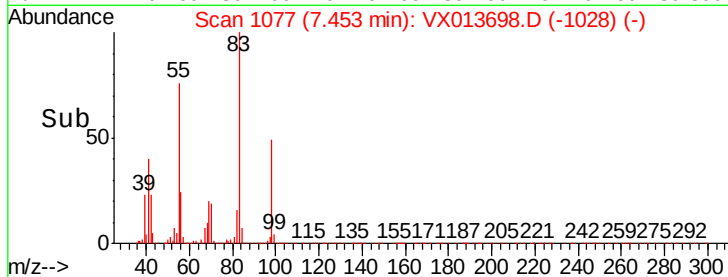
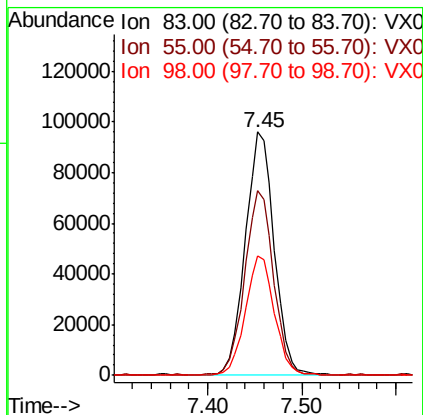
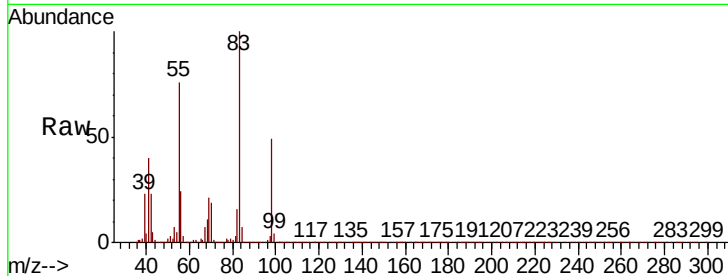




#39
Methylvlcyclohexane
Concen: 18.994 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

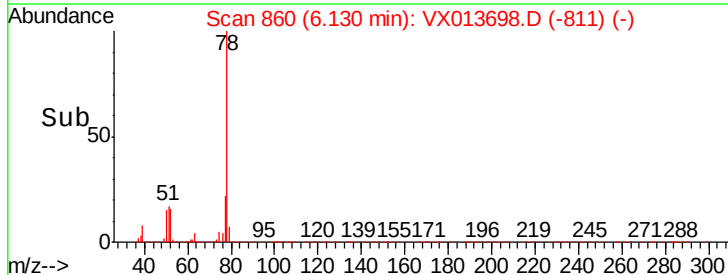
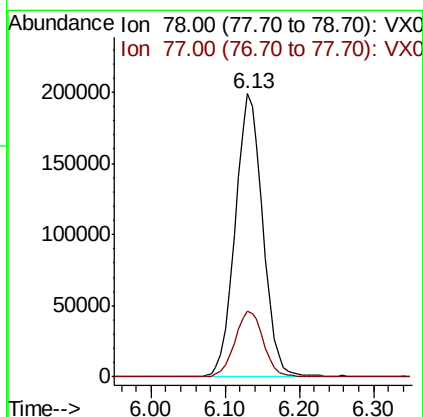
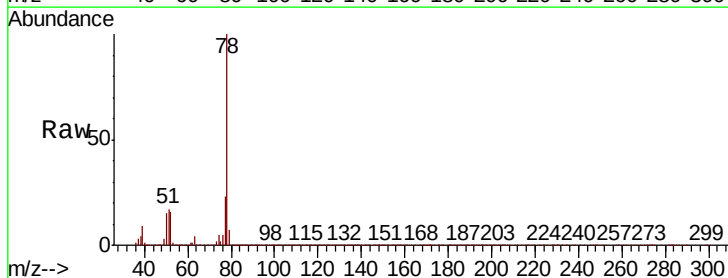
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

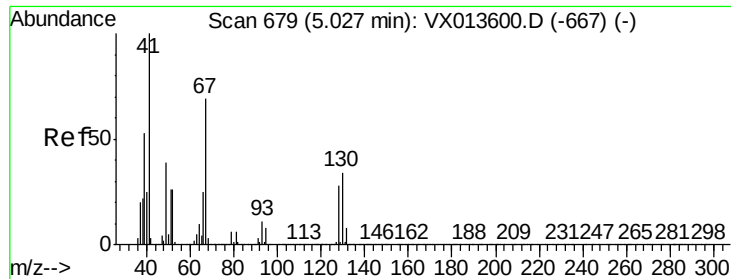
Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	61.9	92.9
98	48.9	39.4	59.0



#40
Benzene
Concen: 19.195 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.4

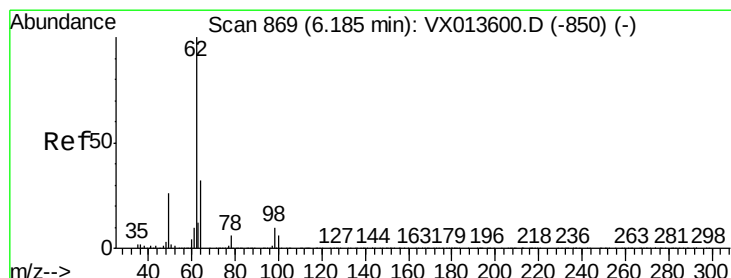
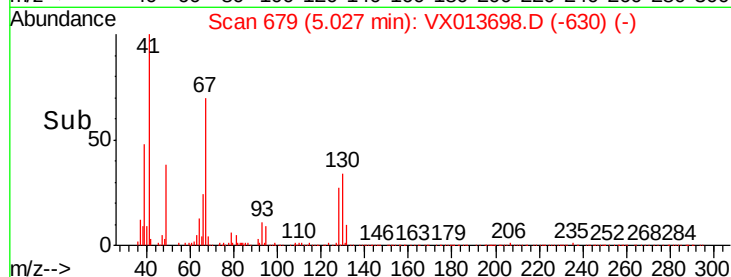
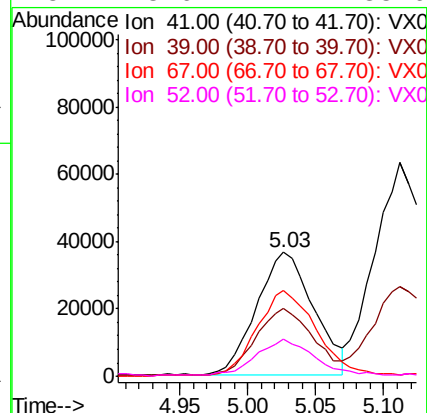
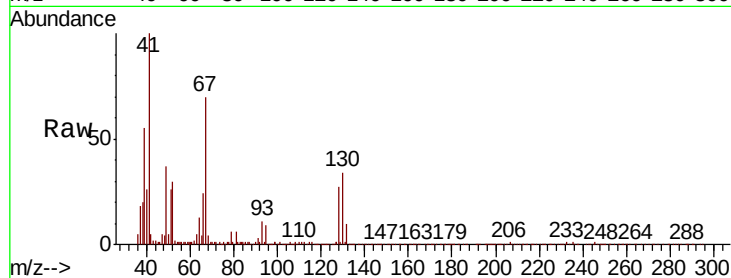




#41
Methacrylonitrile
Concen: 19.745 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

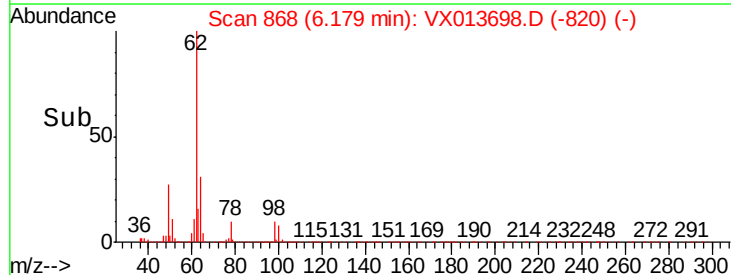
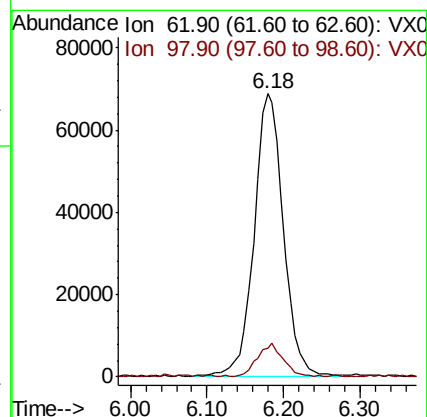
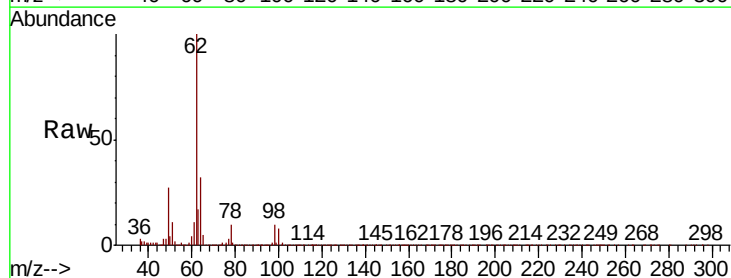
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

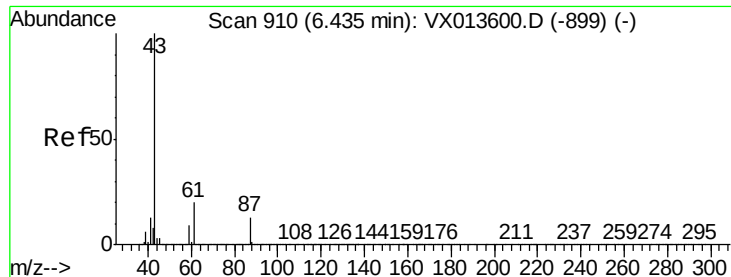
Tot Ion:	41	Resp:	106871
Ion	Ratio	Lower	Upper
41	100		
39	54.7	42.9	64.3
67	71.8	57.4	86.0
52	28.6	22.4	33.6



#42
1,2-Dichloroethane
Concen: 19.857 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion:	62	Resp:	181454
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.8





#43

Isopropyl Acetate

Concen: 19.529 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBSD01

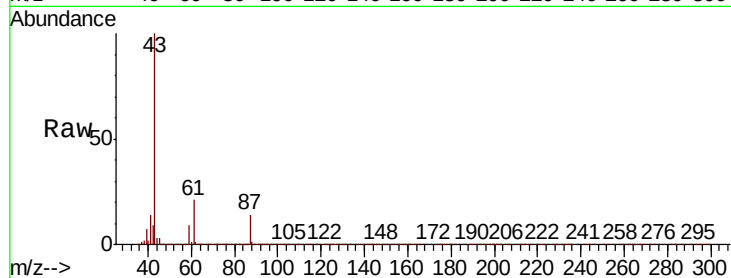
Tot Ion: 43 Resp: 317311

Ion Ratio Lower Upper

43 100

61 20.0 16.3 24.5

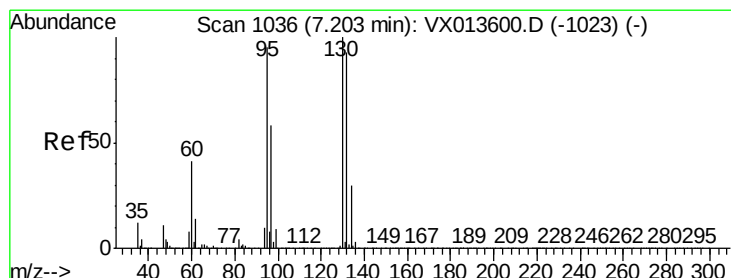
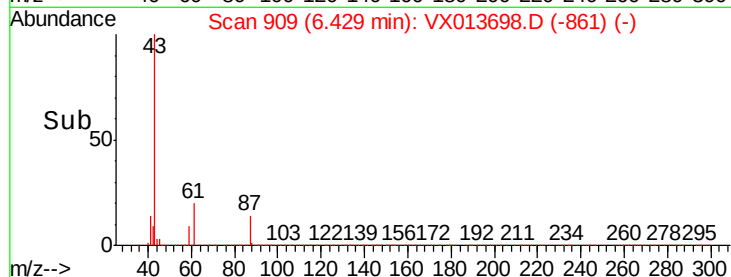
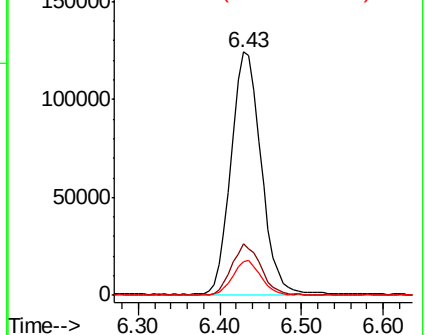
87 13.7 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.832 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013698.D

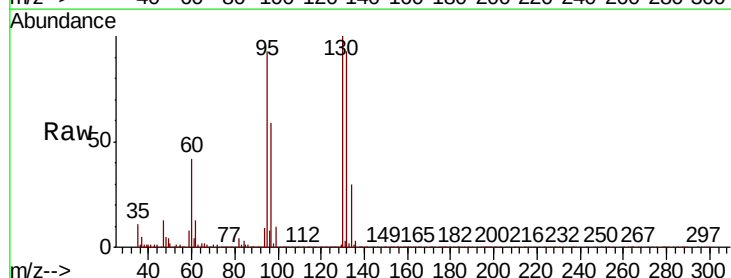
Acq: 29 Nov 2019 14:03

Tgt Ion:130 Resp: 138482

Ion Ratio Lower Upper

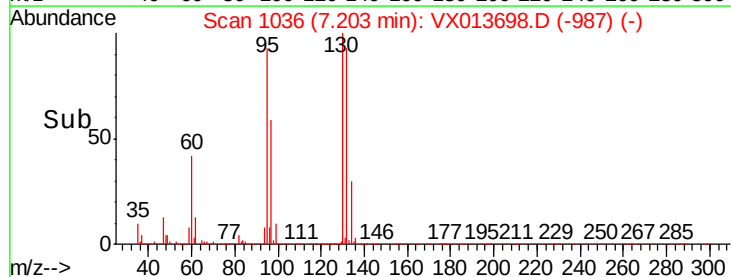
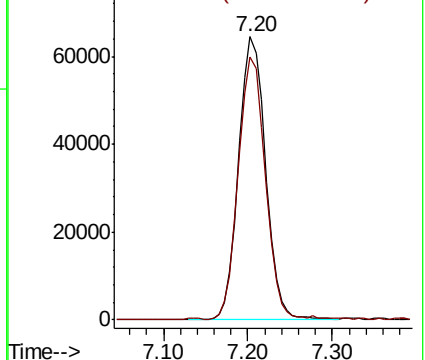
130 100

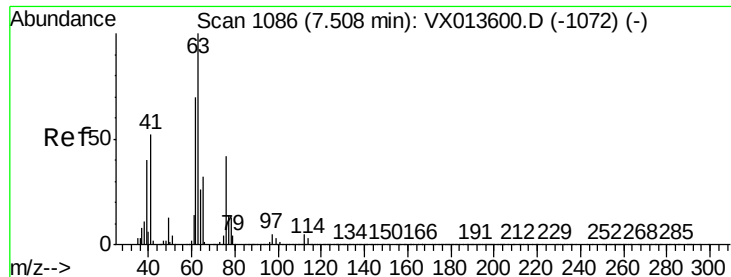
95 92.5 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

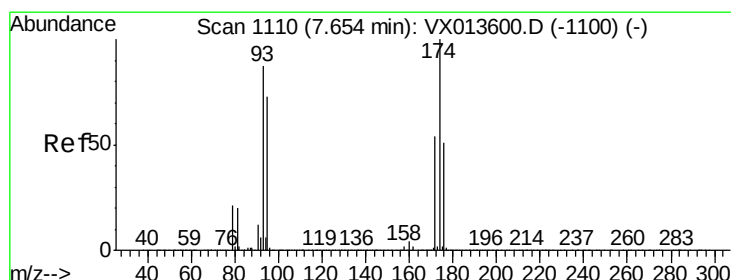
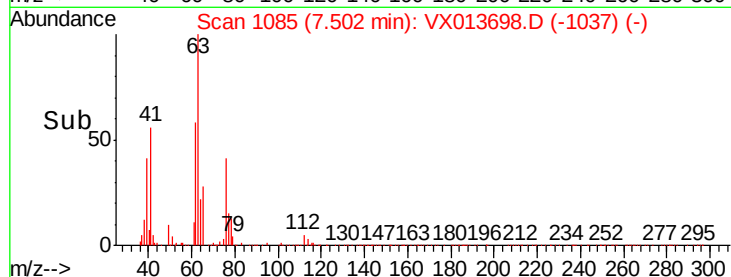
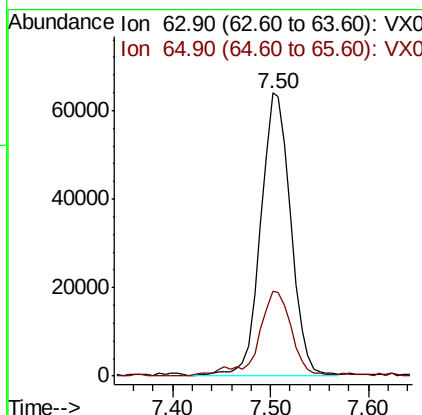
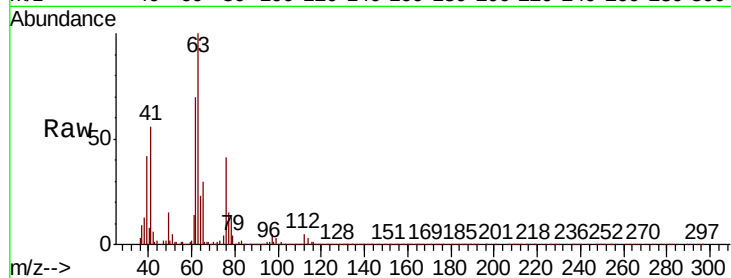




#45
 1,2-Dichloropropane
 Concen: 20.176 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

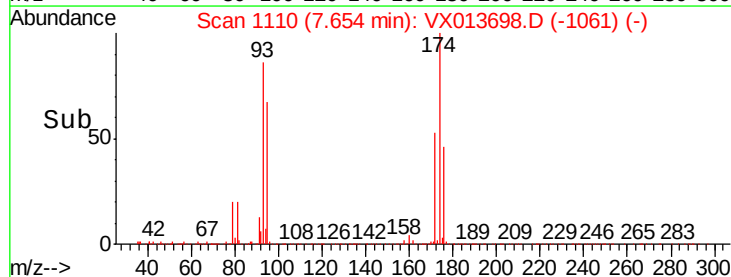
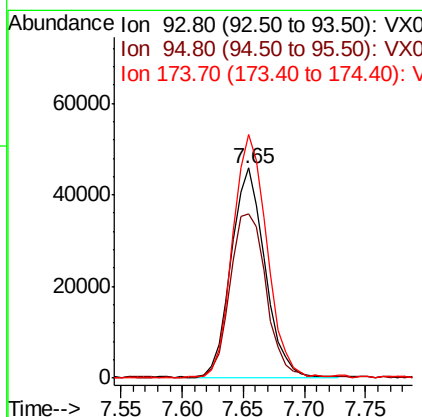
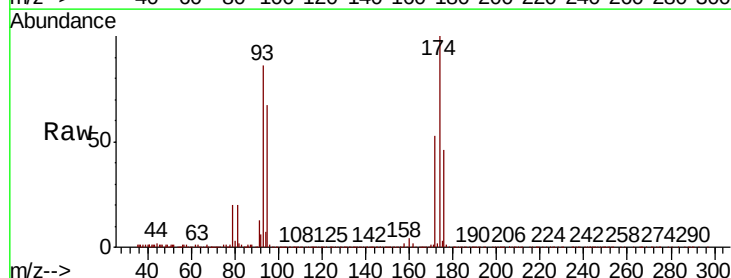
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBSD01

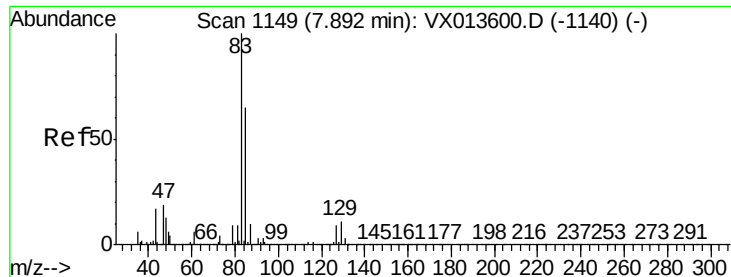
Tot Ion: 63 Resp: 135258
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.5 38.3



#46
 Dibromomethane
 Concen: 19.467 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

Tgt Ion: 93 Resp: 88638
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.2 99.2
 174 116.9 93.4 140.0





#47

Bromodichloromethane

Concen: 20.347 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBSD01

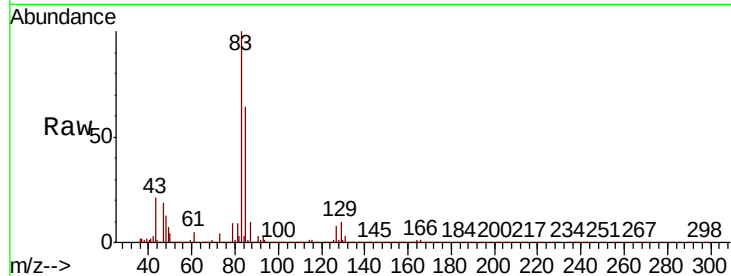
Tot Ion: 83 Resp: 175140

Ion Ratio Lower Upper

83 100

85 63.7 52.1 78.1

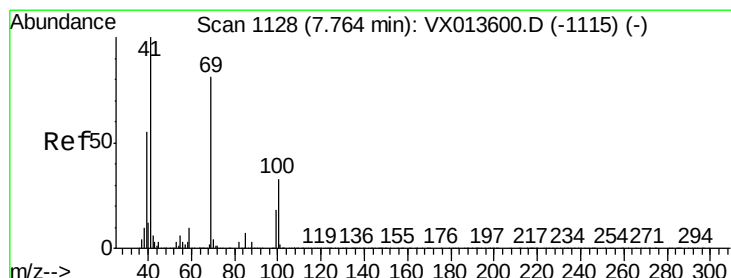
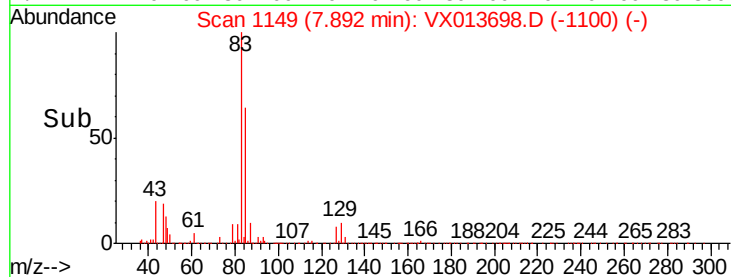
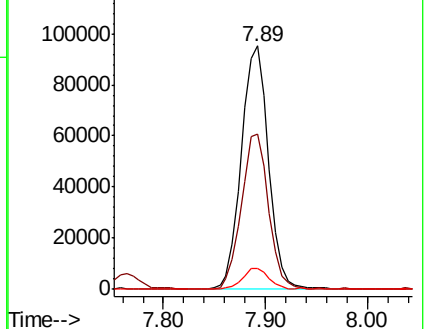
127 8.3 7.0 10.4



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: 20.326 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

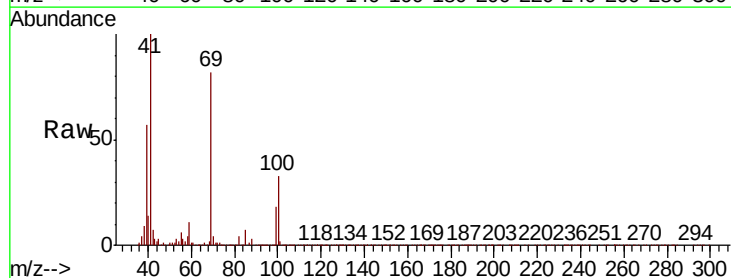
Tgt Ion: 41 Resp: 160465

Ion Ratio Lower Upper

41 100

69 80.6 64.7 97.1

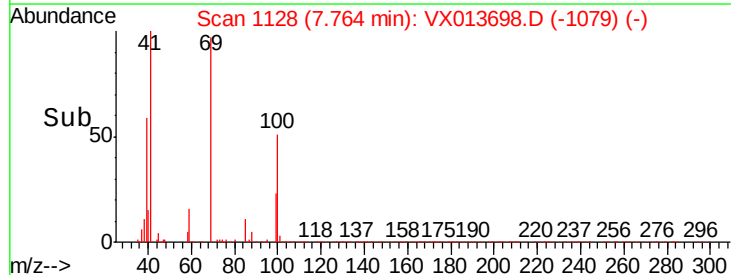
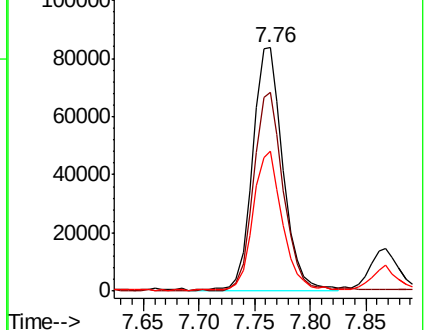
39 54.3 43.8 65.6

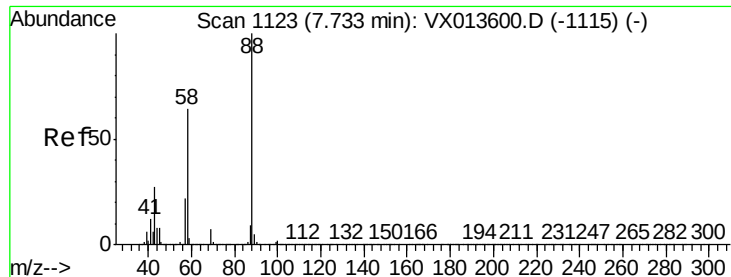


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 382.861 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

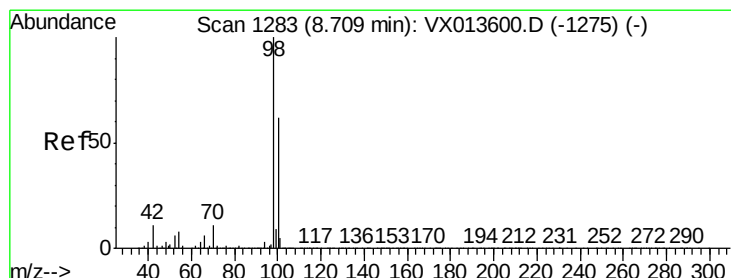
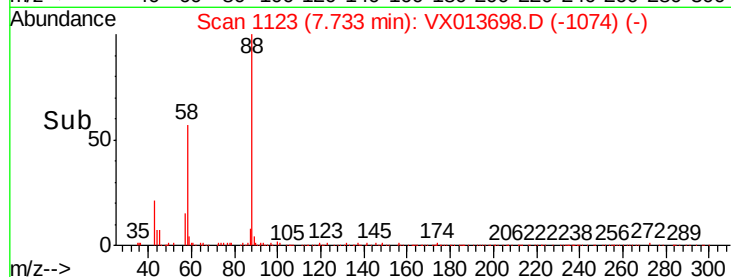
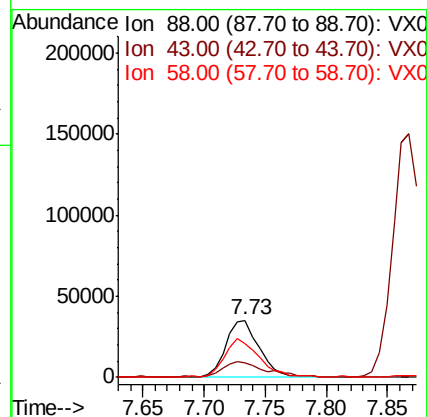
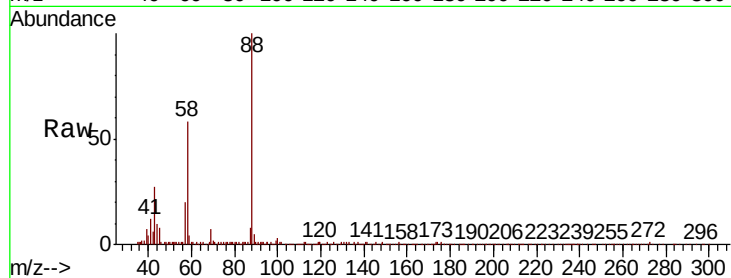
MSVOA_X

ClientSampleId :

VX1129WBSD01

Tot Ion: 88 Resp: 67657

Ion	Ratio	Lower	Upper
88	100		
43	32.0	25.8	38.6
58	70.4	54.6	82.0



#50

Toluene-d8

Concen: 48.053 ug/l

RT: 8.71 min Scan# 1283

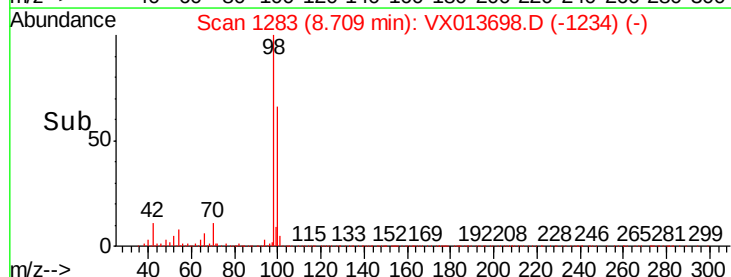
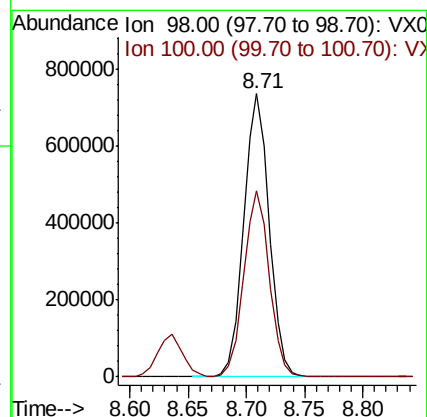
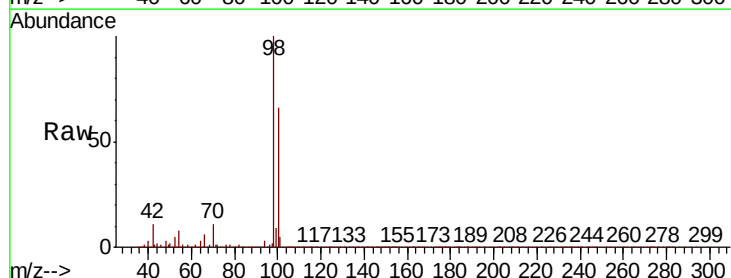
Delta R.T. 0.00 min

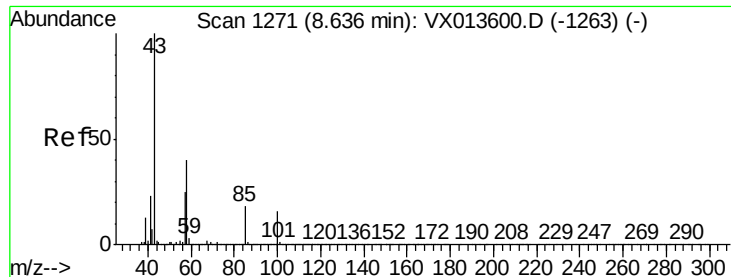
Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Tgt Ion: 98 Resp: 1121739

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 98.887 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

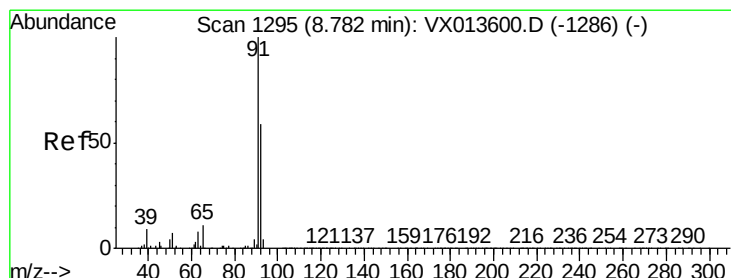
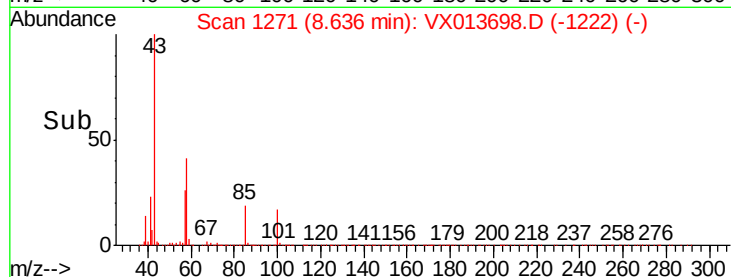
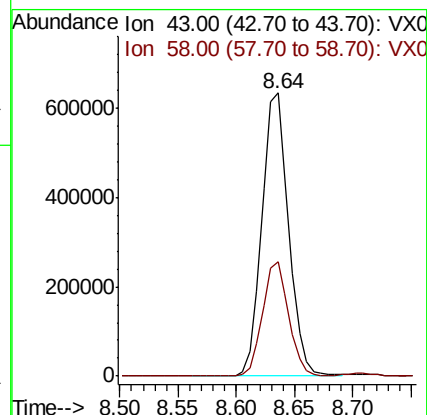
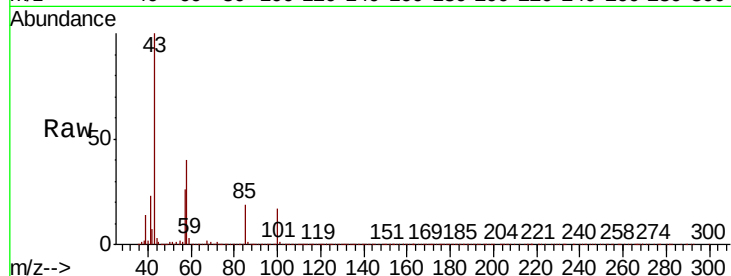
VX1129WBSD01

Tot Ion: 43 Resp: 1010687

Ion Ratio Lower Upper

43 100

58 39.6 32.1 48.1



#52

Toluene

Concen: 19.448 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013698.D

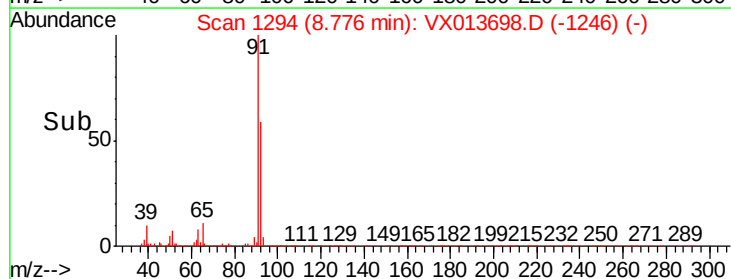
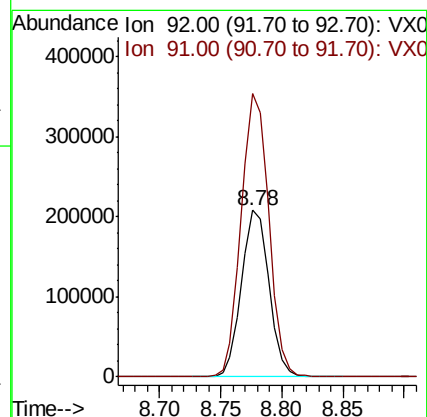
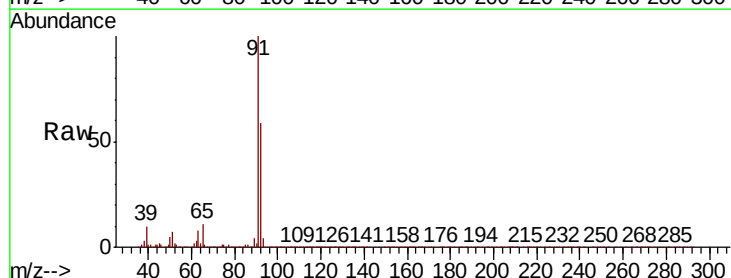
Acq: 29 Nov 2019 14:03

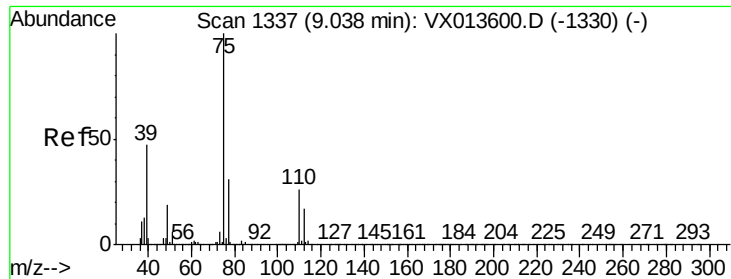
Tgt Ion: 92 Resp: 323728

Ion Ratio Lower Upper

92 100

91 170.9 136.2 204.2

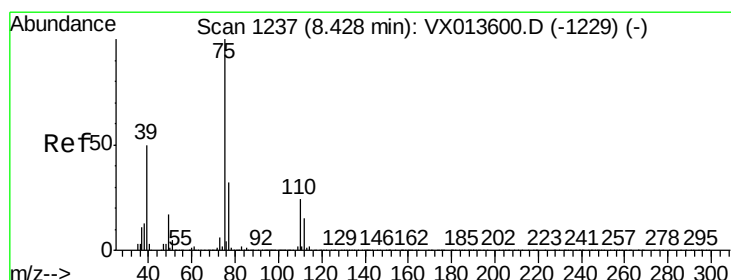
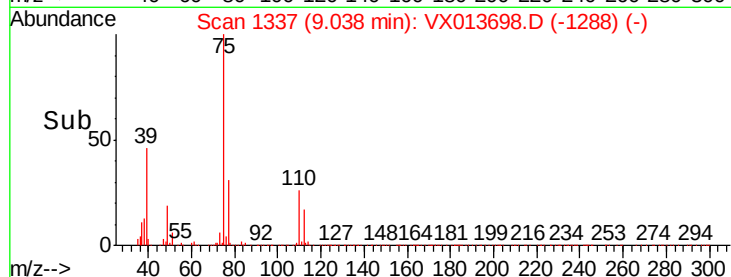
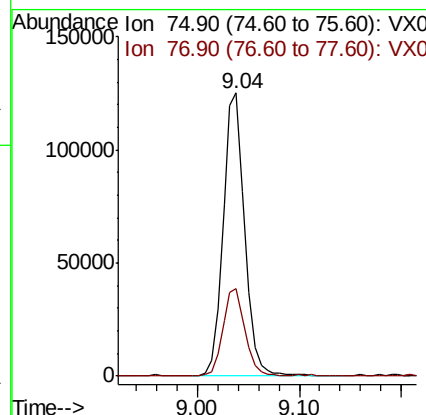
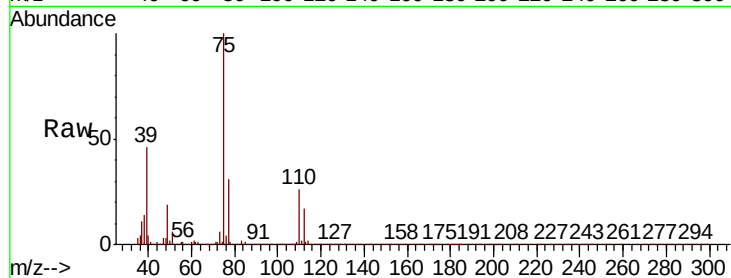




#53
t-1,3-Dichloropropene
Concen: 18.672 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

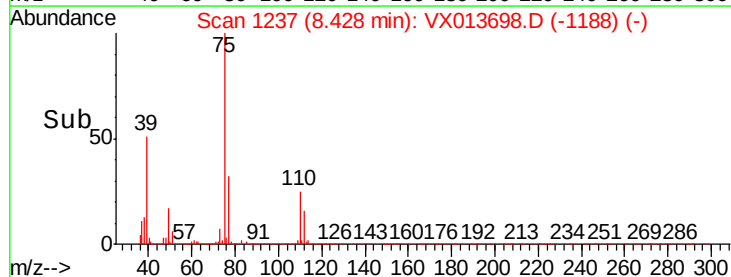
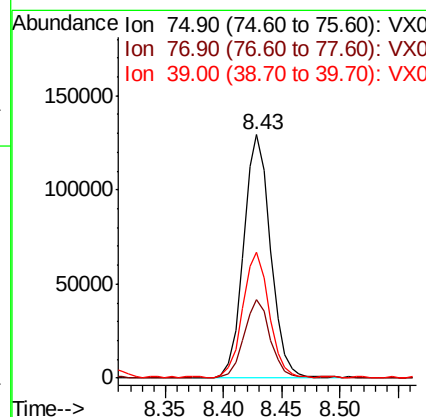
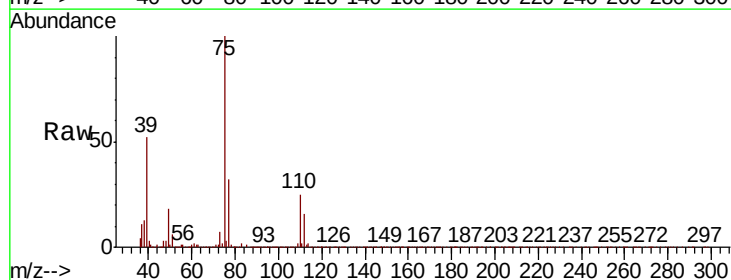
Instrument :
MSVOA_X
ClientSampleID :
VX1129WBSD01

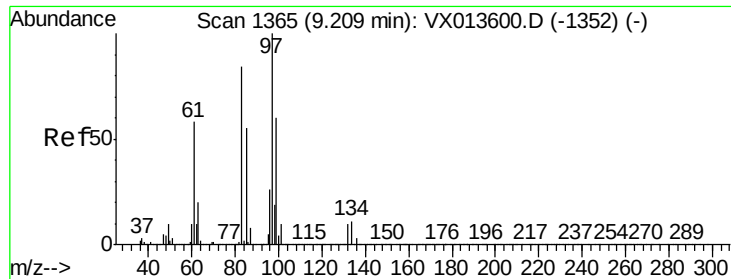
Tot Ion: 75 Resp: 182938
Ion Ratio Lower Upper
75 100
77 30.9 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 19.596 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion: 75 Resp: 209758
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6
39 51.5 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 20.286 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBSD01

Tot Ion: 97 Resp: 136079

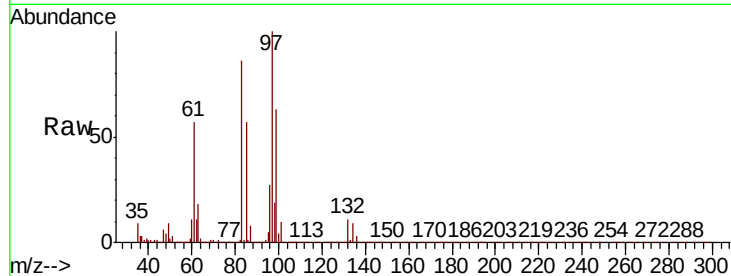
Ion Ratio Lower Upper

97 100

83 86.4 67.3 100.9

85 57.1 43.6 65.4

99 62.4 48.2 72.4

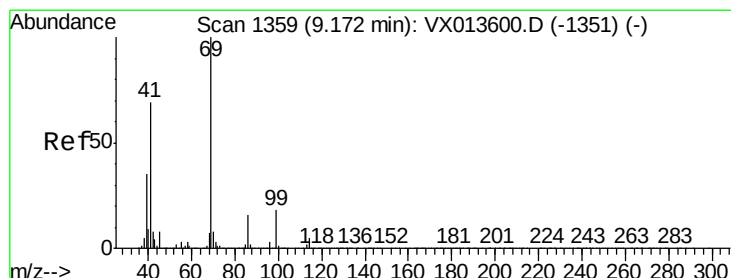
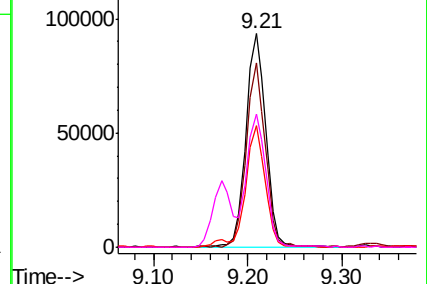
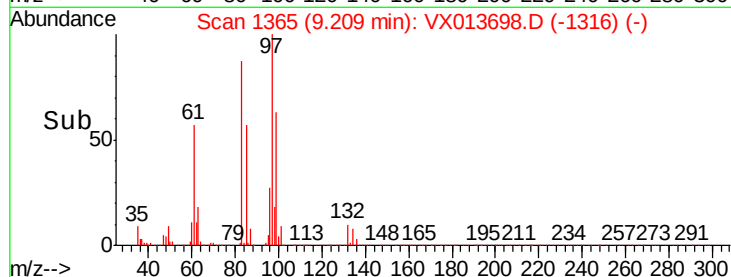


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.621 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

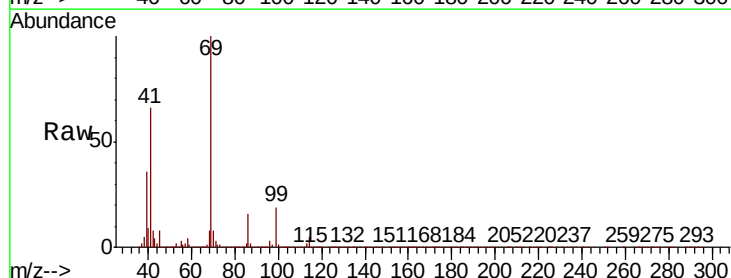
Tgt Ion: 69 Resp: 211609

Ion Ratio Lower Upper

69 100

41 67.5 55.0 82.4

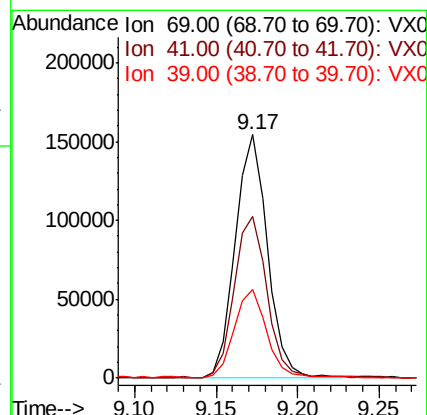
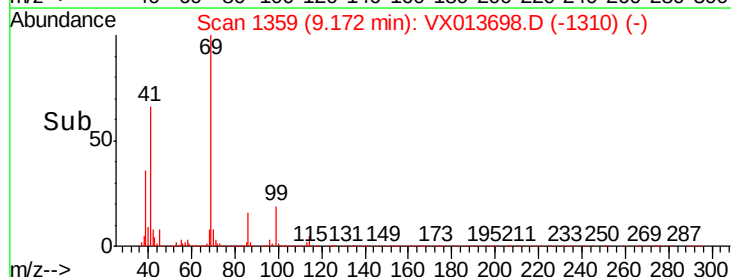
39 36.7 28.7 43.1

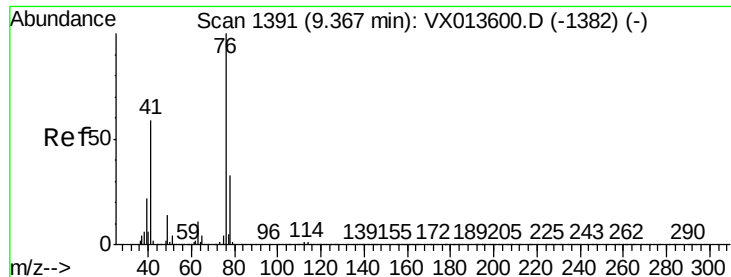


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.705 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

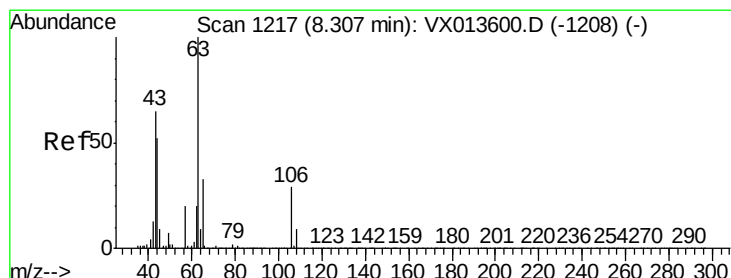
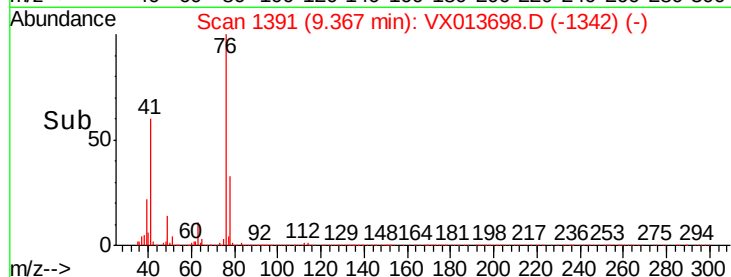
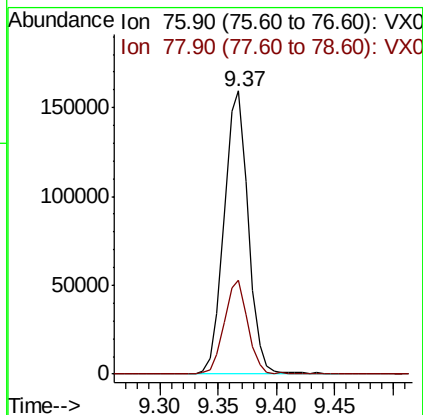
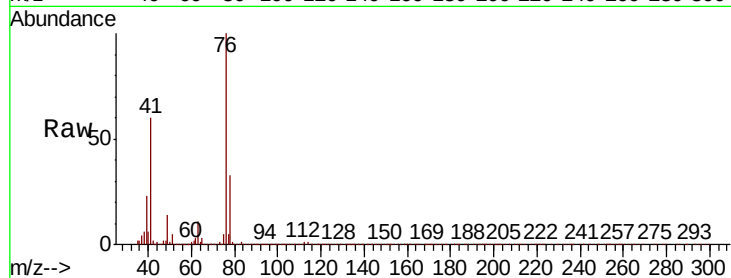
VX1129WBSD01

Tot Ion: 76 Resp: 227837

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 95.592 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013698.D

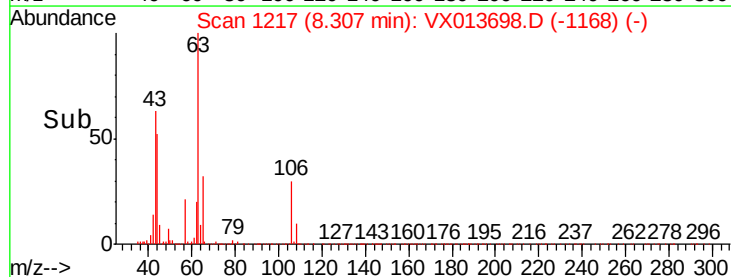
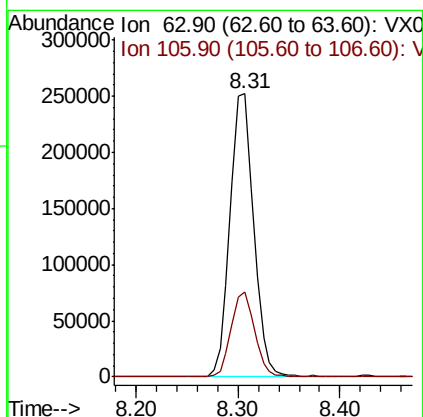
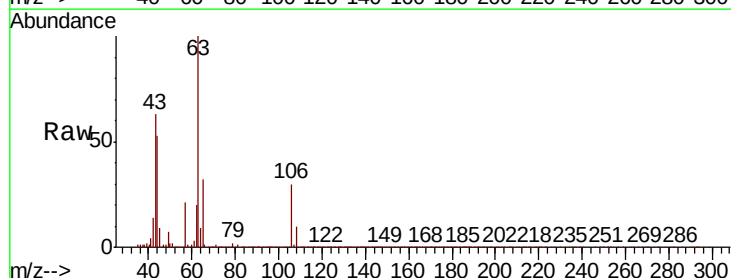
Acq: 29 Nov 2019 14:03

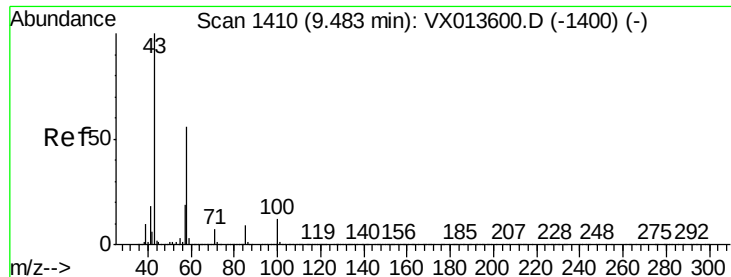
Tgt Ion: 63 Resp: 404203

Ion Ratio Lower Upper

63 100

106 29.8 23.4 35.0

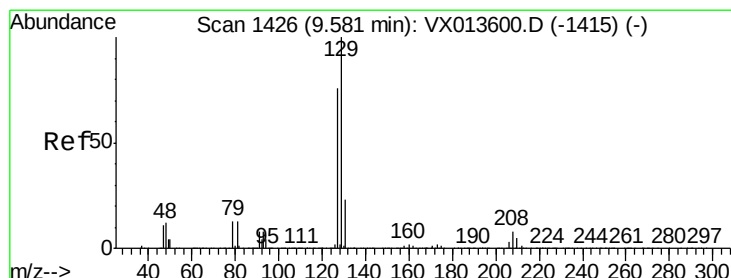
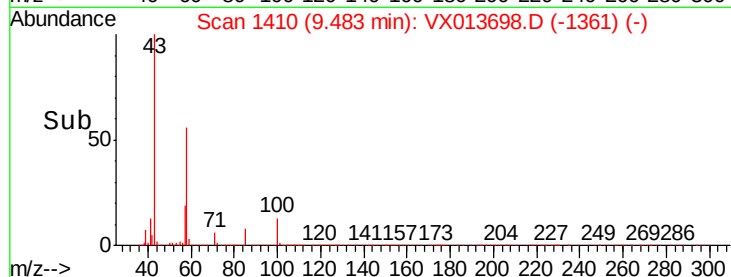
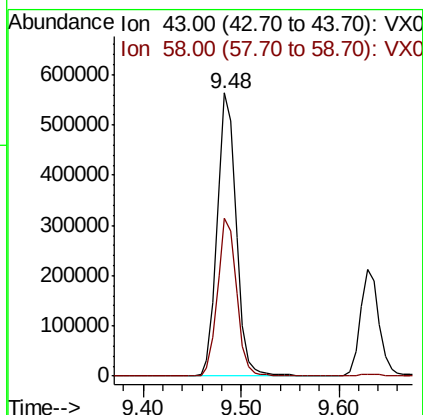
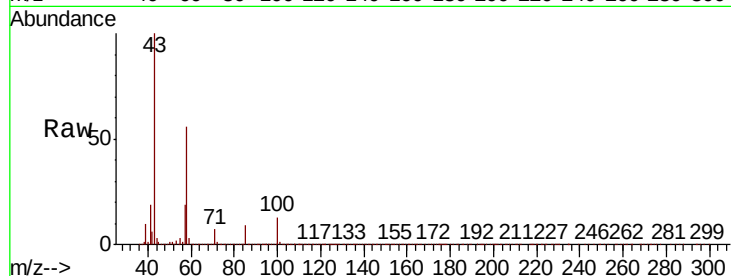




#59
2-Hexanone
Concen: 95.664 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

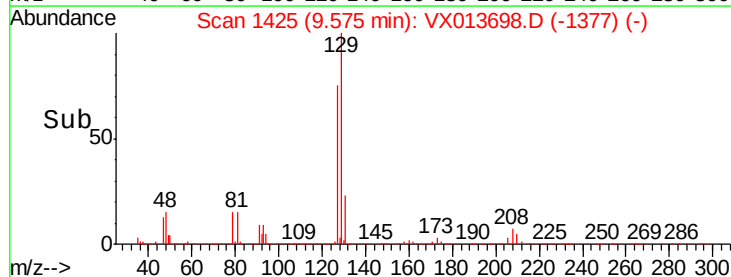
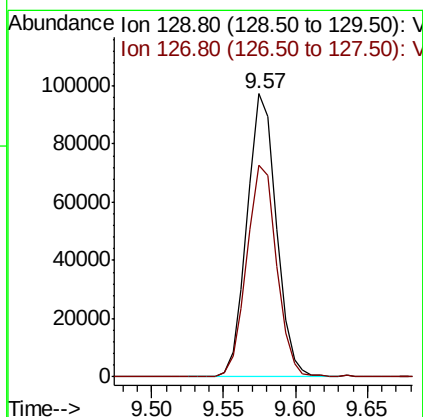
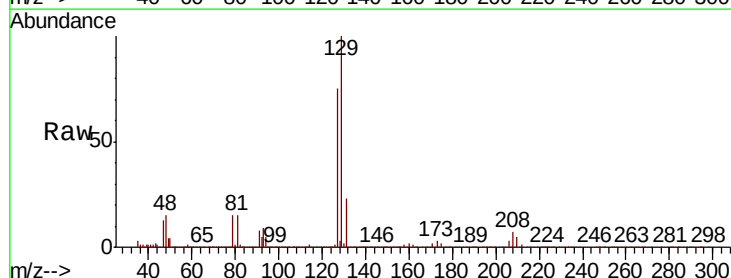
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

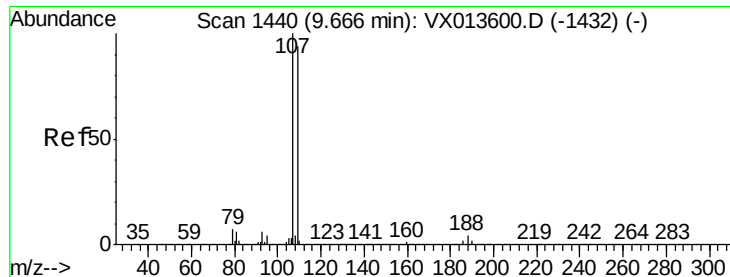
Tot Ion: 43 Resp: 762571
Ion Ratio Lower Upper
43 100
58 55.7 28.1 84.4



#60
Dibromochloromethane
Concen: 19.595 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion: 129 Resp: 136412
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.672 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

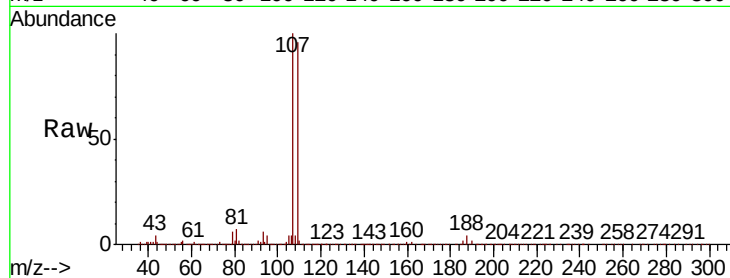
VX1129WBSD01

Tot Ion:107 Resp: 140941

Ion Ratio Lower Upper

107 100

109 95.2 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

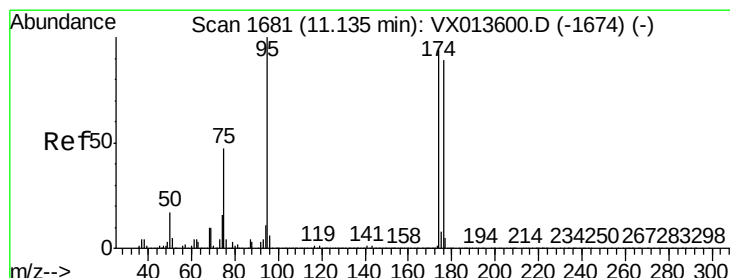
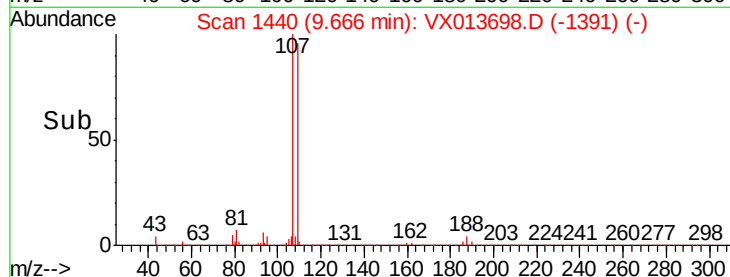
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.844 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

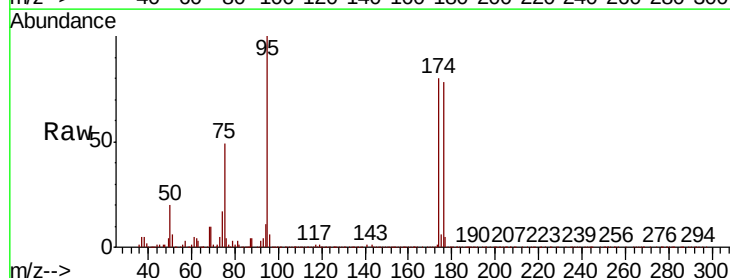
Tgt Ion: 95 Resp: 402742

Ion Ratio Lower Upper

95 100

174 89.1 0.0 180.0

176 87.2 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

11.13

400000

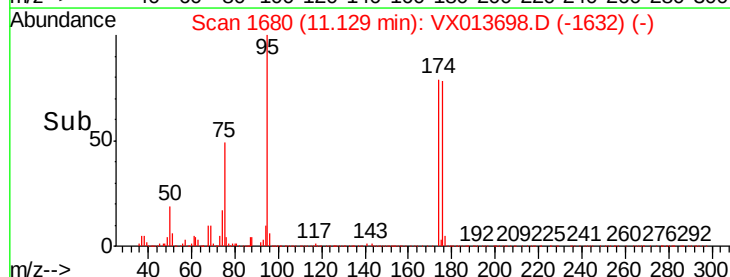
300000

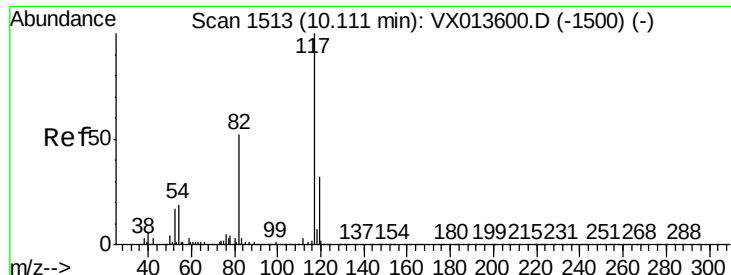
200000

100000

0

Time--> 11.05 11.10 11.15 11.20

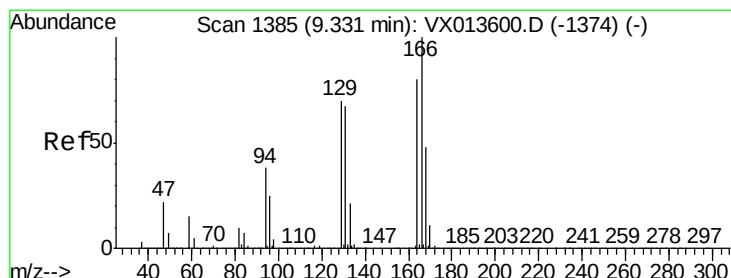
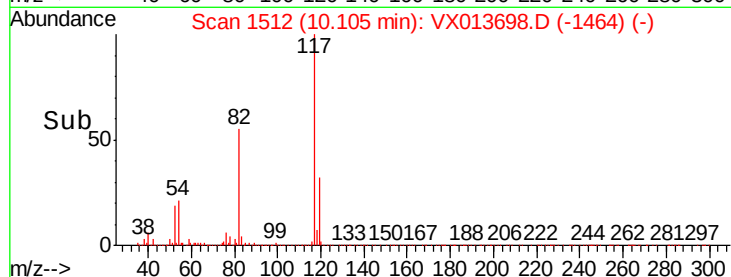
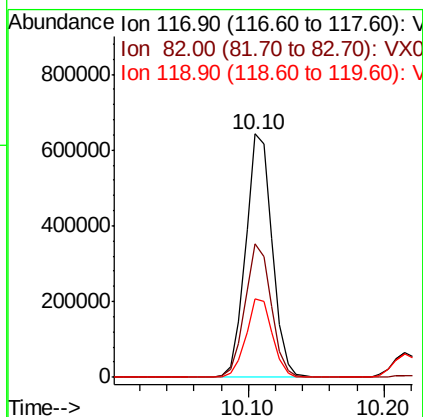
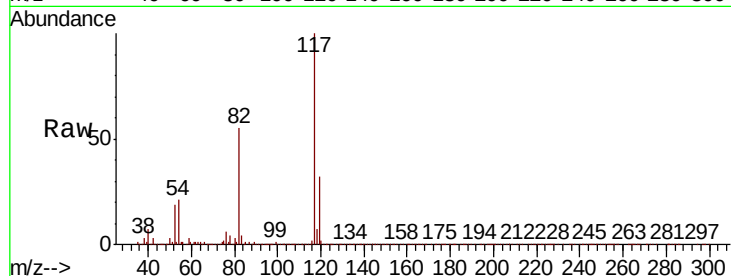




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

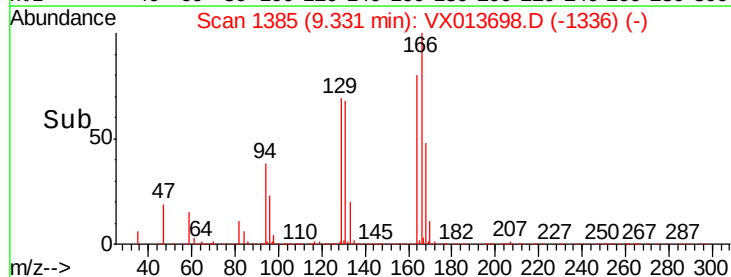
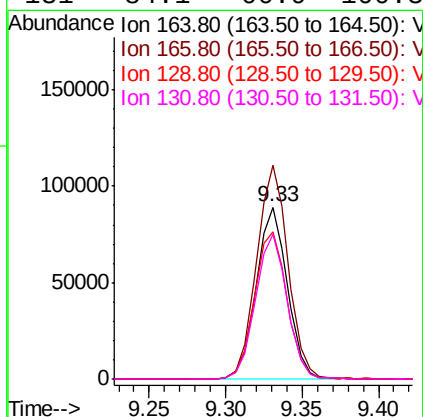
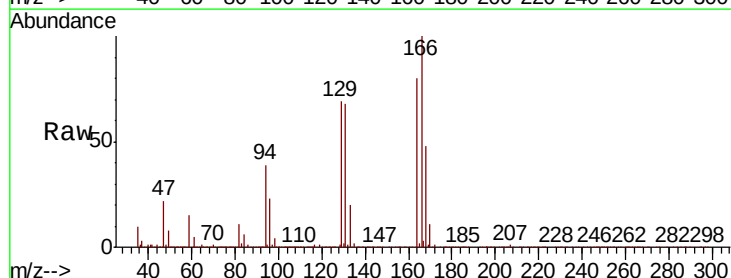
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

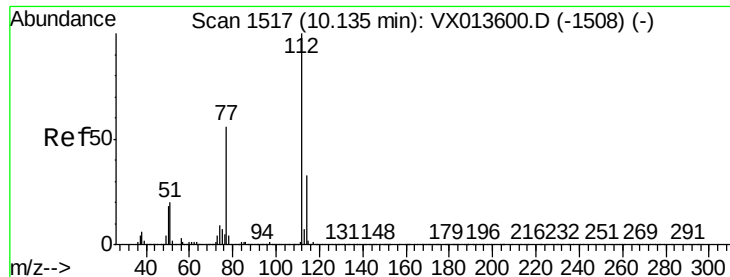
Tot Ion:117 Resp: 871628
Ion Ratio Lower Upper
117 100
82 54.9 41.8 62.8
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 19.324 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion:164 Resp: 125606
Ion Ratio Lower Upper
164 100
166 124.4 99.7 149.5
129 85.7 70.1 105.1
131 84.1 66.9 100.3

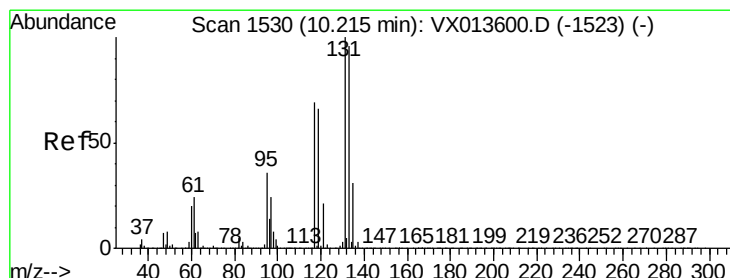
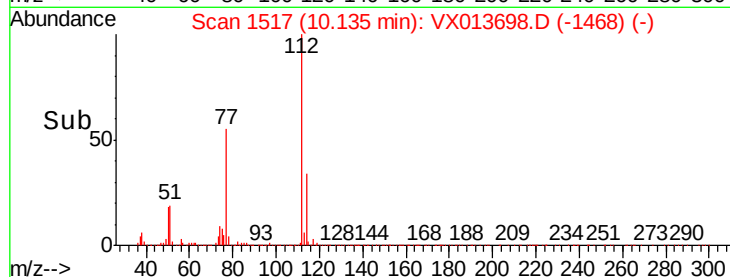
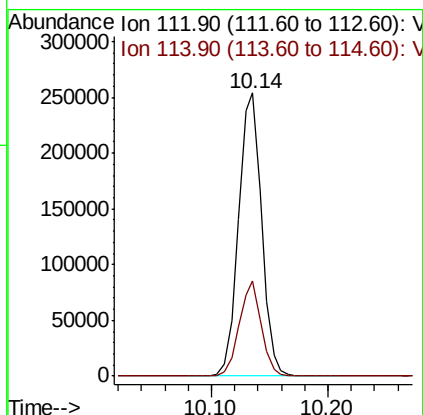
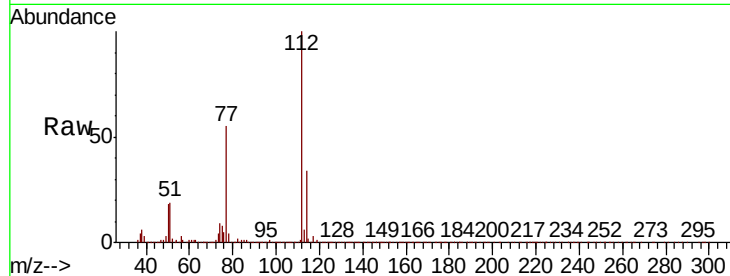




#65
Chlorobenzene
Concen: 19.397 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

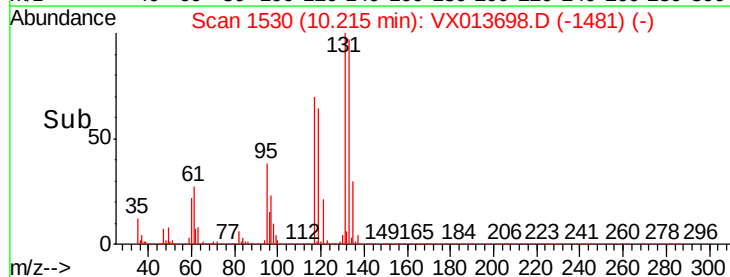
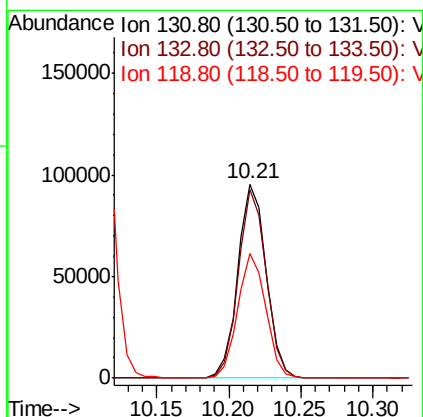
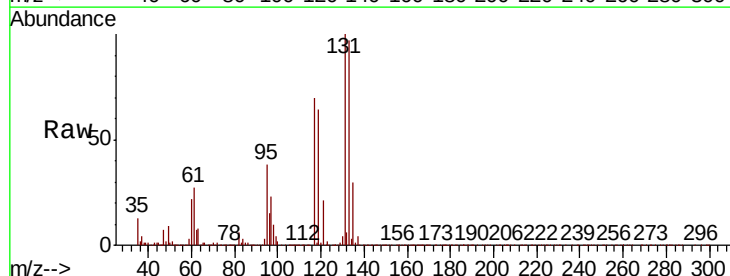
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

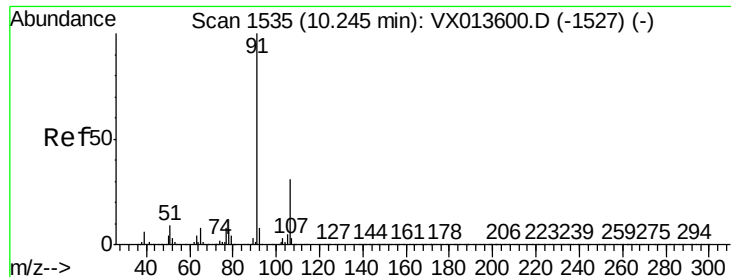
Tot Ion:112 Resp: 351028
Ion Ratio Lower Upper
112 100
114 33.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.903 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion:131 Resp: 129337
Ion Ratio Lower Upper
131 100
133 96.6 47.7 143.1
119 64.2 32.9 98.6





#67

Ethyl Benzene

Concen: 19.605 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

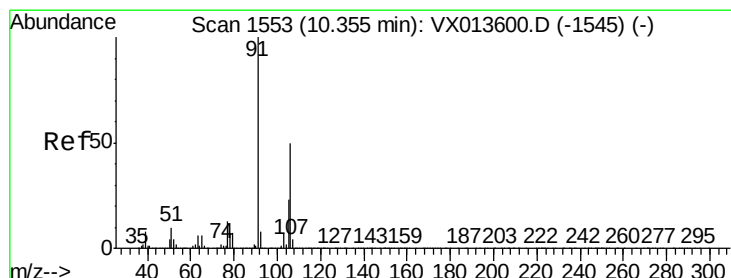
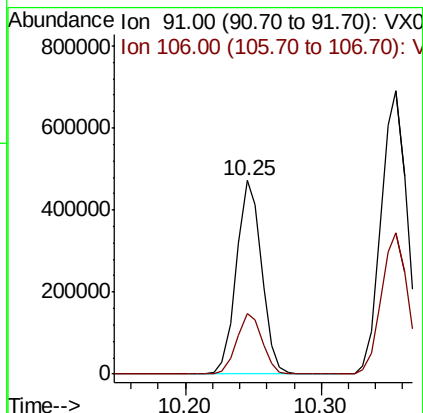
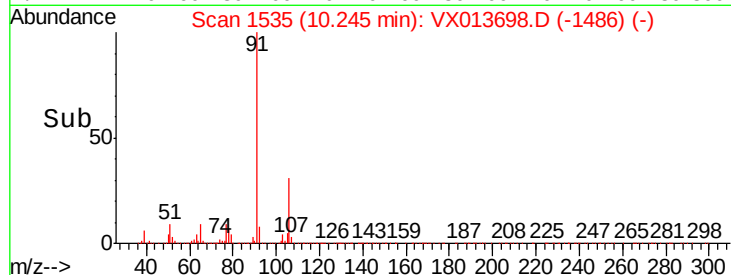
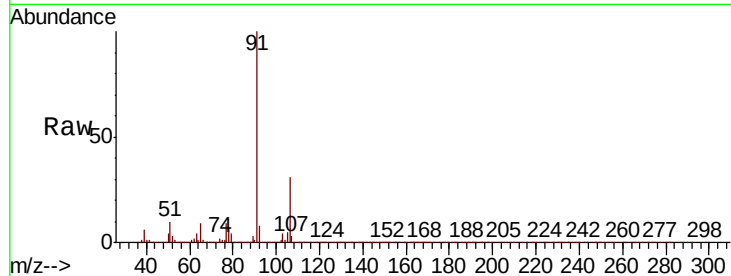
VX1129WBSD01

Tot Ion: 91 Resp: 609671

Ion Ratio Lower Upper

91 100

106 31.3 24.5 36.7



#68

m/p-Xylenes

Concen: 38.888 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013698.D

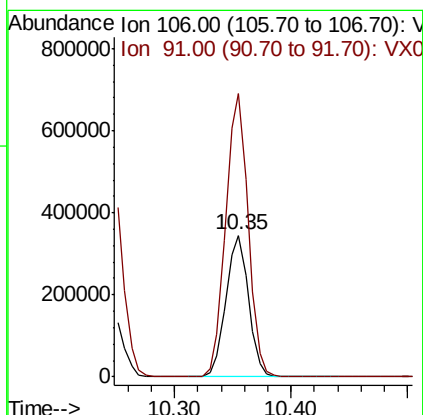
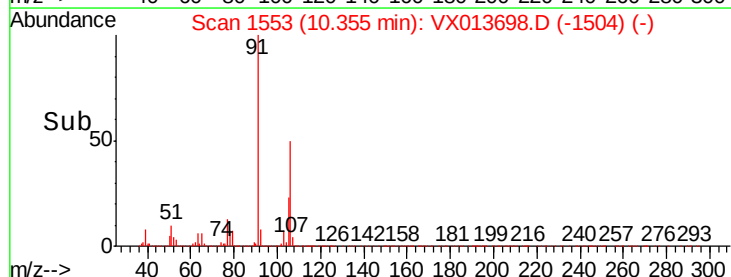
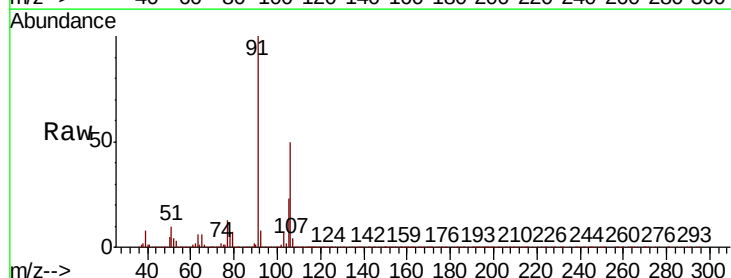
Acq: 29 Nov 2019 14:03

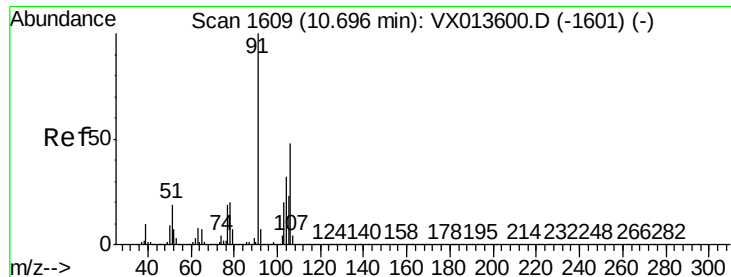
Tgt Ion: 106 Resp: 462992

Ion Ratio Lower Upper

106 100

91 198.8 159.0 238.4

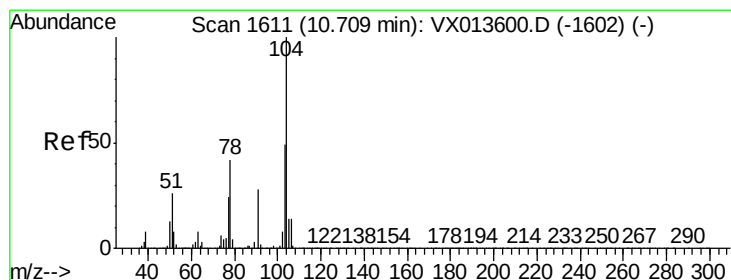
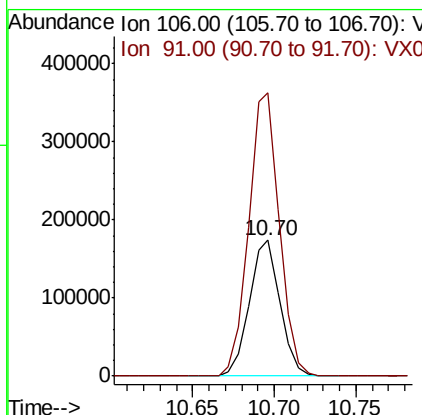
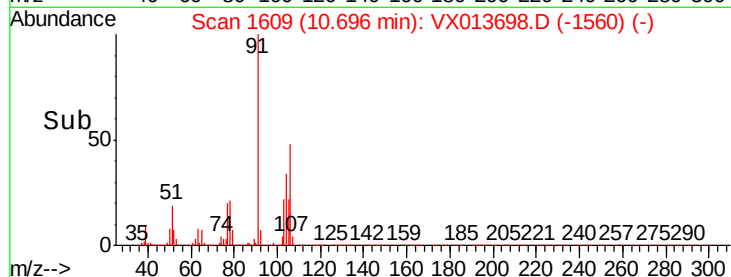
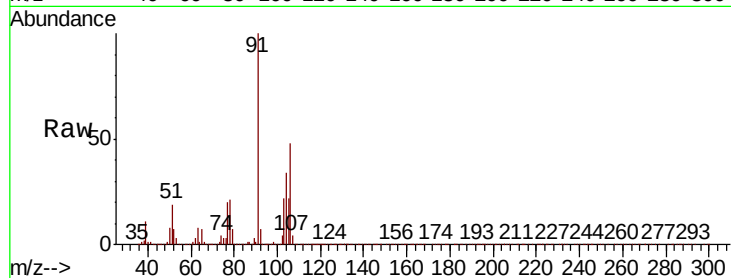




#69
o-Xylene
Concen: 19.510 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

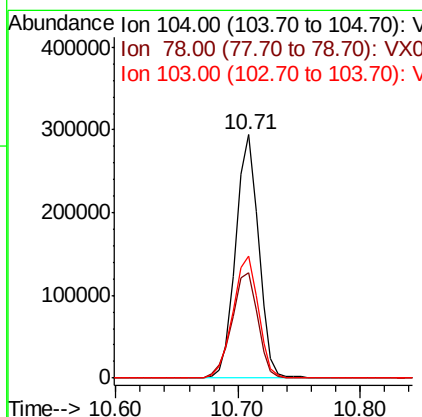
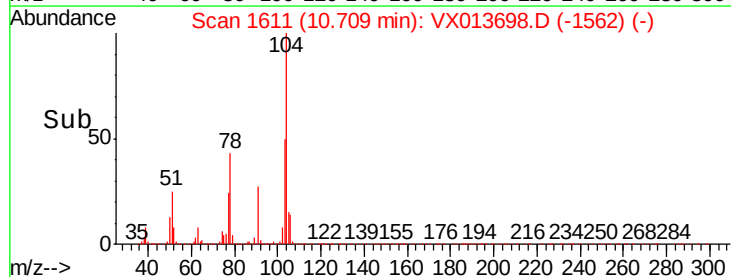
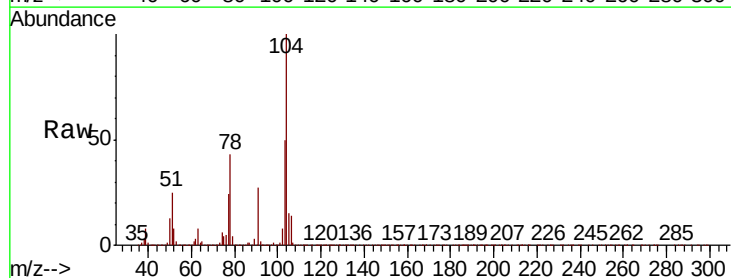
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

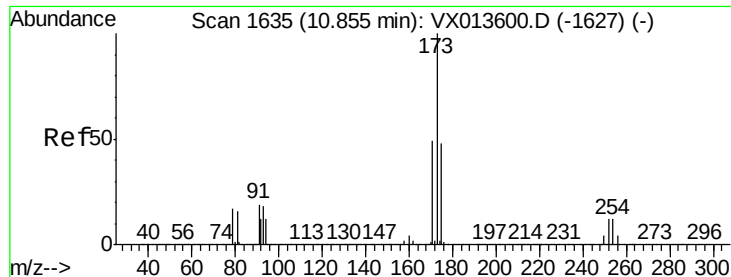
Tot Ion:106 Resp: 226543
Ion Ratio Lower Upper
106 100
91 209.2 104.1 312.2



#70
Styrene
Concen: 19.470 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion:104 Resp: 380303
Ion Ratio Lower Upper
104 100
78 48.8 38.5 57.7
103 55.9 43.7 65.5

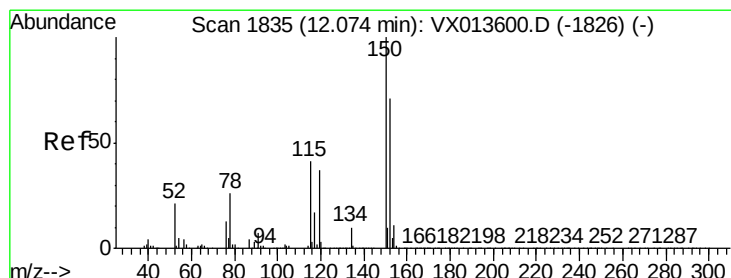
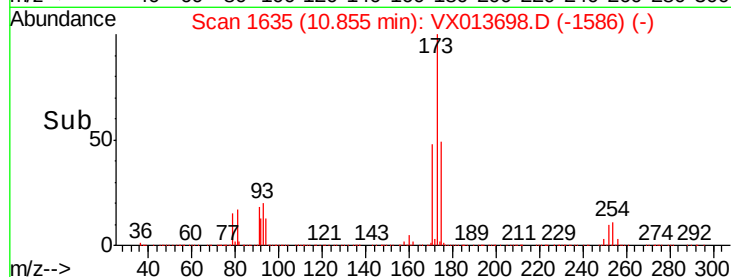
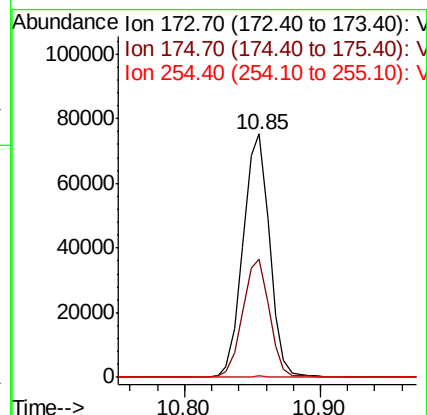
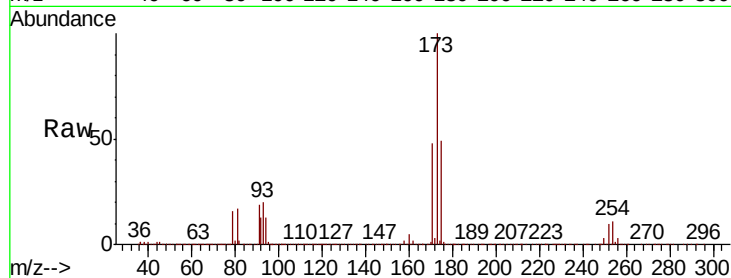




#71
Bromoform
Concen: 19.051 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

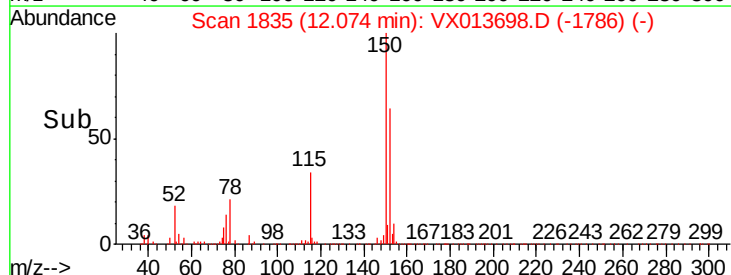
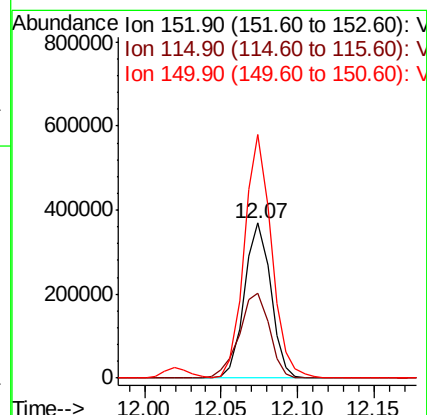
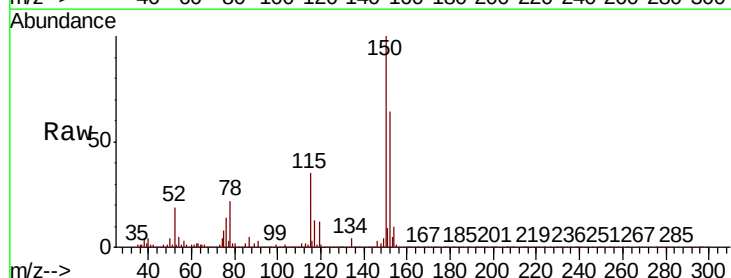
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

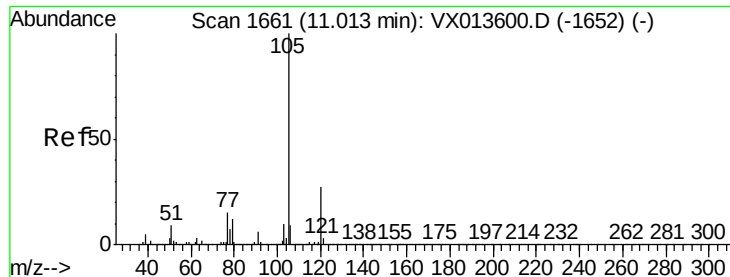
Tot Ion:173 Resp: 102437
Ion Ratio Lower Upper
173 100
175 49.2 24.3 72.8
254 0.1 0.2 0.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion:152 Resp: 442365
Ion Ratio Lower Upper
152 100
115 63.0 38.4 115.1
150 160.6 0.0 346.8





#73

Isopropylbenzene

Concen: 19.284 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

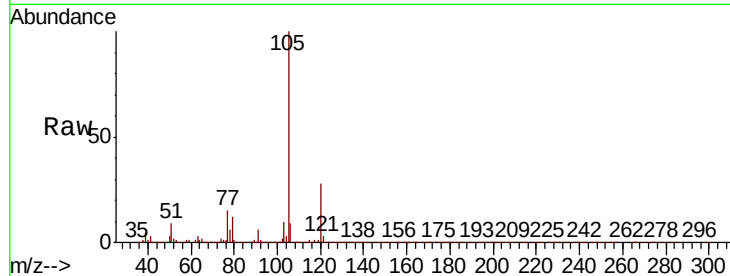
VX1129WBSD01

Tot Ion:105 Resp: 598391

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

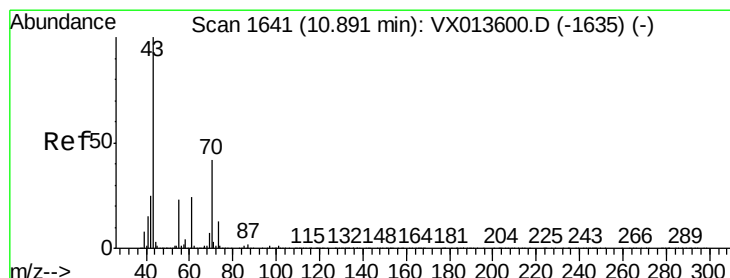
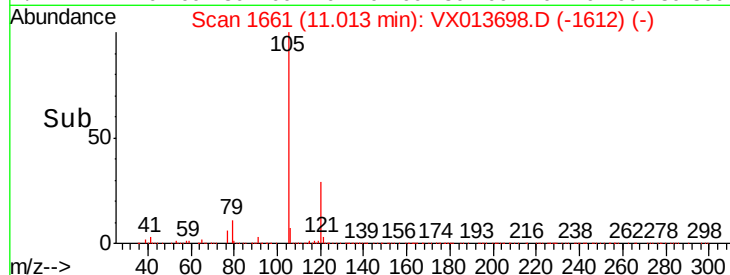
100000

0

11.01

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.120 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Tgt Ion: 43 Resp: 271789

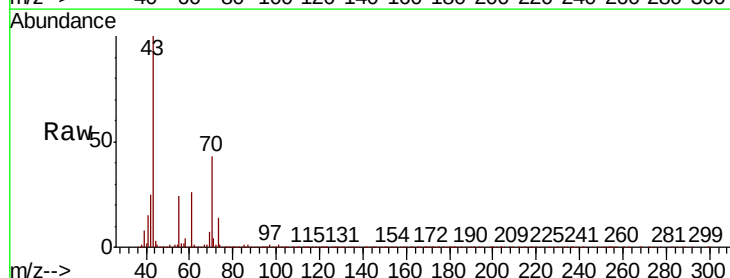
Ion Ratio Lower Upper

43 100

70 43.3 34.3 51.5

55 23.7 18.5 27.7

61 25.0 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

300000

200000

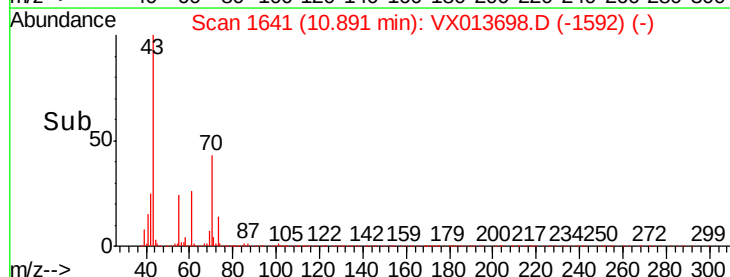
100000

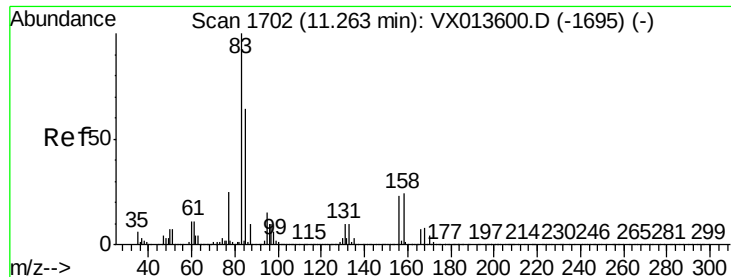
0

10.89

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.846 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBSD01

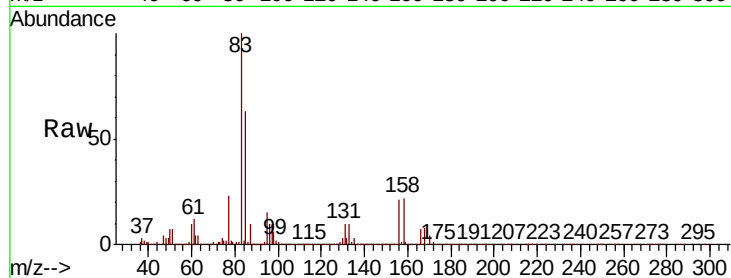
Tot Ion: 83 Resp: 213570

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.3

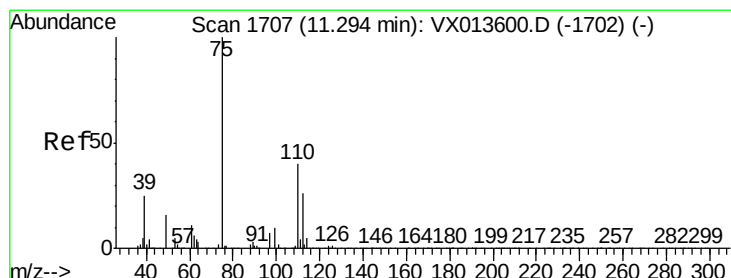
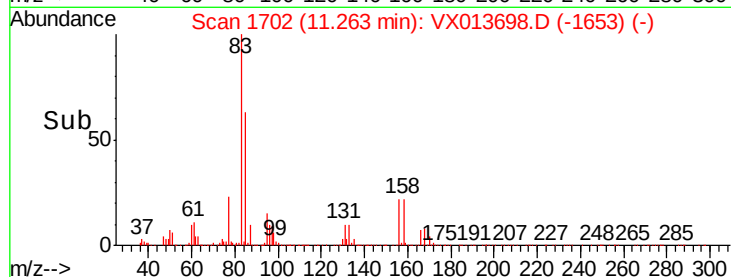
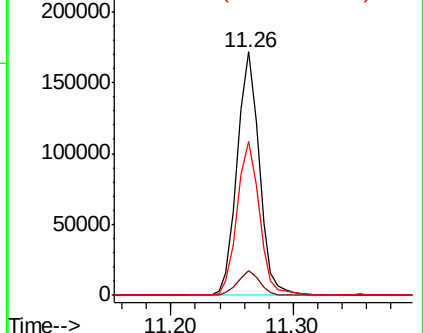
85 63.8 31.8 95.3



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: 23.109 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013698.D

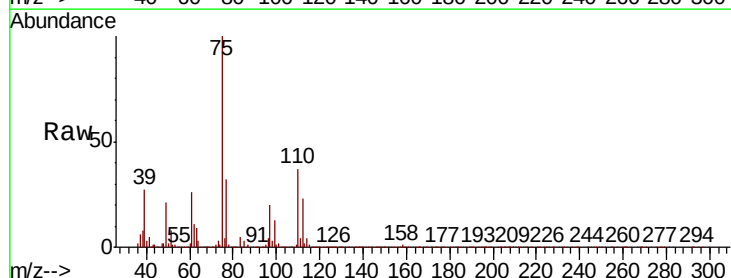
Acq: 29 Nov 2019 14:03

Tgt Ion: 75 Resp: 229920

Ion Ratio Lower Upper

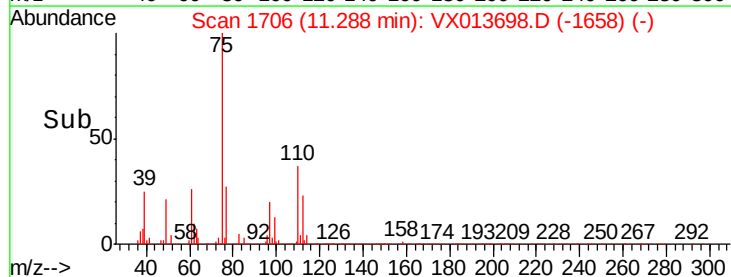
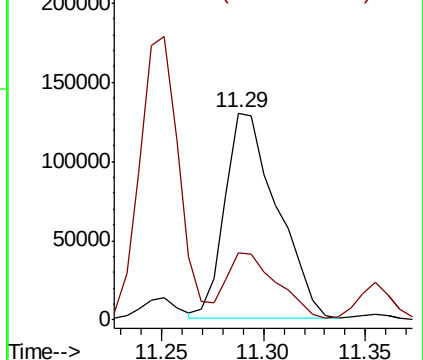
75 100

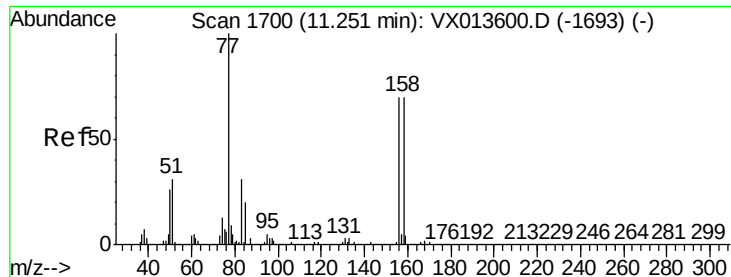
77 31.1 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.848 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBSD01

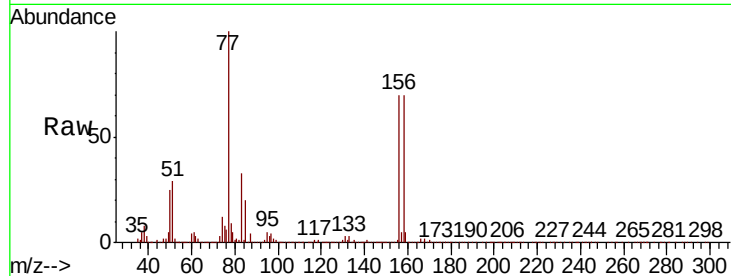
Tot Ion:156 Resp: 157997

Ion Ratio Lower Upper

156 100

77 151.3 74.4 223.1

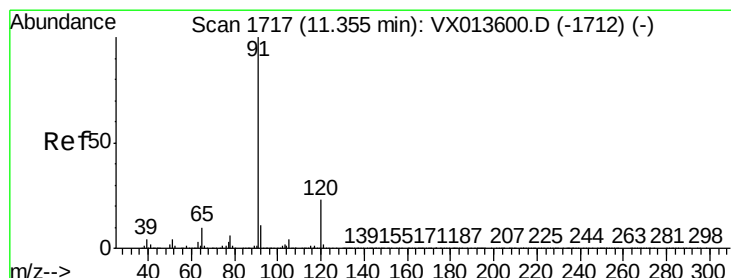
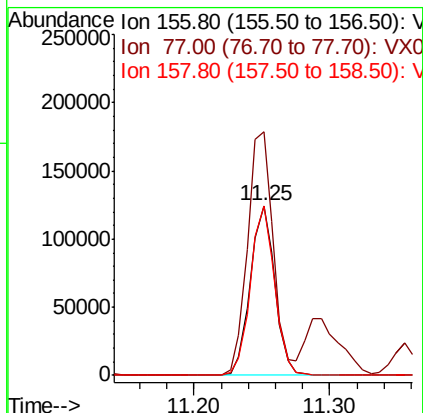
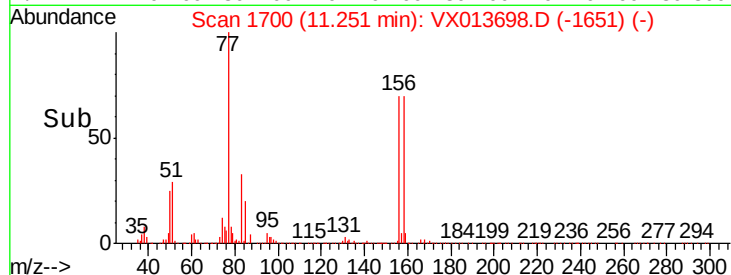
158 98.5 48.9 146.6



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: 19.321 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013698.D

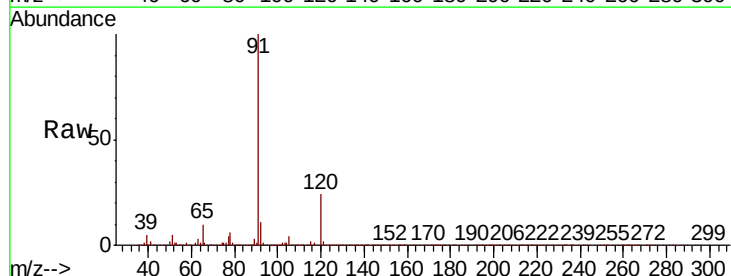
Acq: 29 Nov 2019 14:03

Tgt Ion: 91 Resp: 669269

Ion Ratio Lower Upper

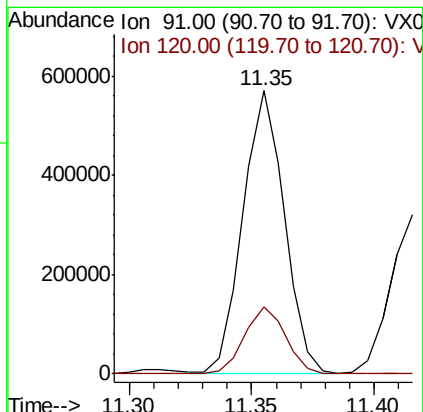
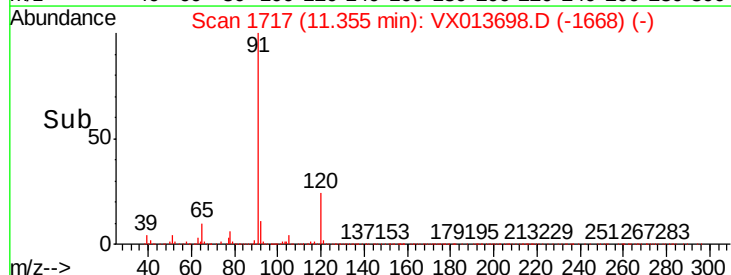
91 100

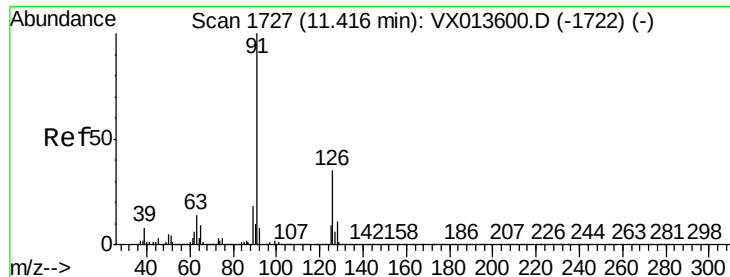
120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.077 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

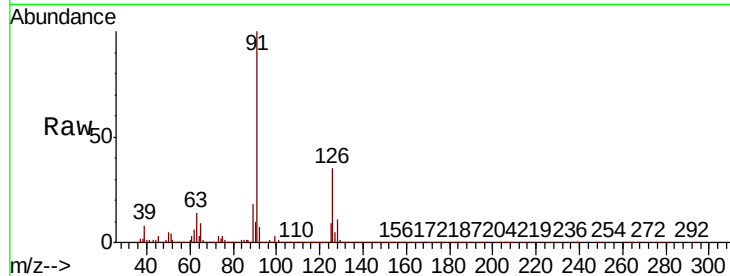
VX1129WBSD01

Tot Ion: 91 Resp: 396393

Ion Ratio Lower Upper

91 100

126 34.8 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX013698.D (-1678) (-)

Ion 125.90 (125.60 to 126.60): VX013698.D (-1678) (-)

600000

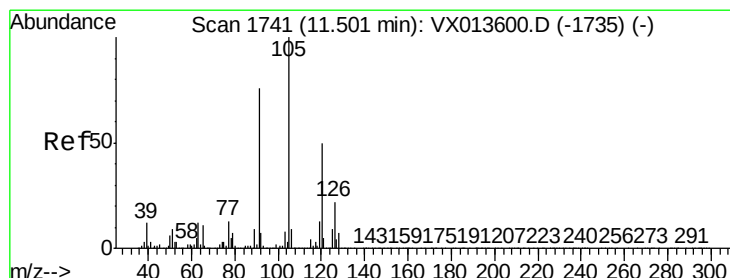
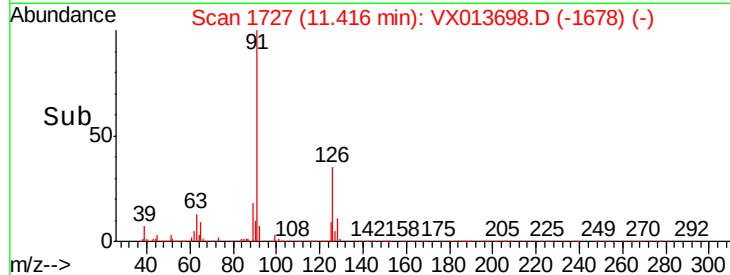
400000

200000

0

11.35 11.40 11.45

Time--> 11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 19.702 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013698.D

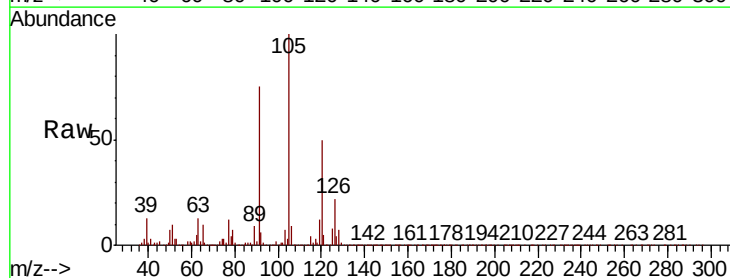
Acq: 29 Nov 2019 14:03

Tgt Ion: 105 Resp: 501068

Ion Ratio Lower Upper

105 100

120 50.0 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013698.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX013698.D (-1692) (-)

500000

400000

300000

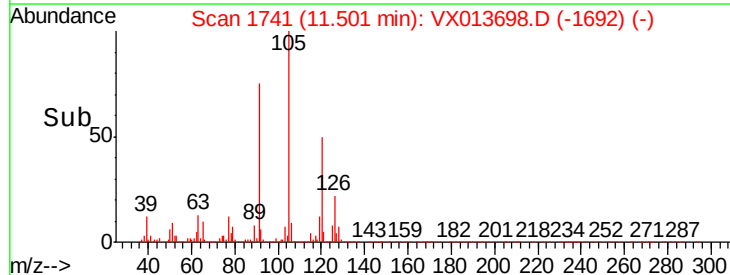
200000

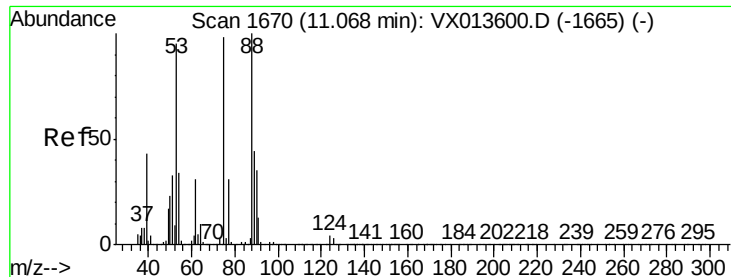
100000

0

11.40 11.50 11.60

Time--> 11.40 11.50 11.60





#81

trans-1,4-Dichloro-2-butene

Concen: 17.061 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBSD01

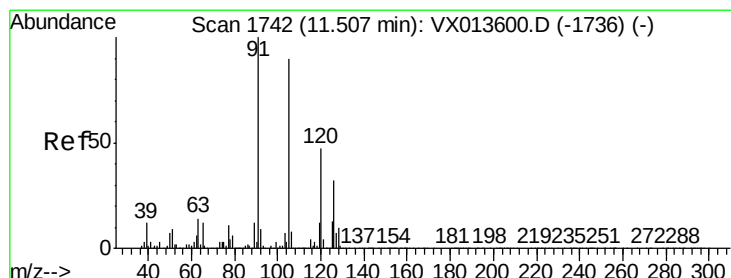
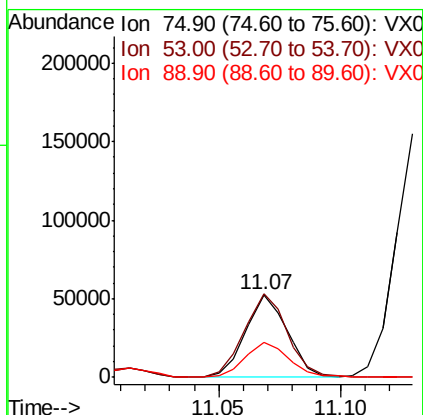
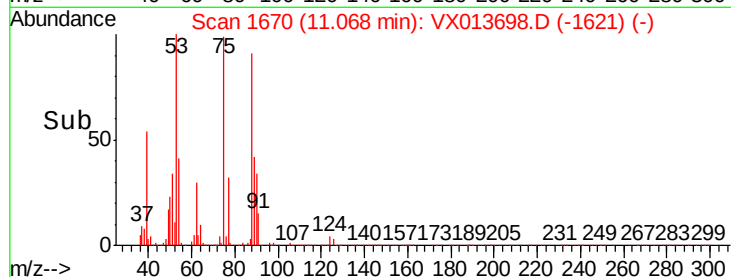
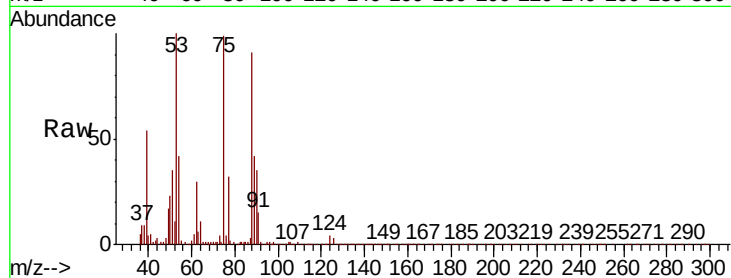
Tot Ion: 75 Resp: 62047

Ion Ratio Lower Upper

75 100

53 104.7 78.2 117.2

89 45.5 35.4 53.2



#82

4-Chlorotoluene

Concen: 18.993 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013698.D

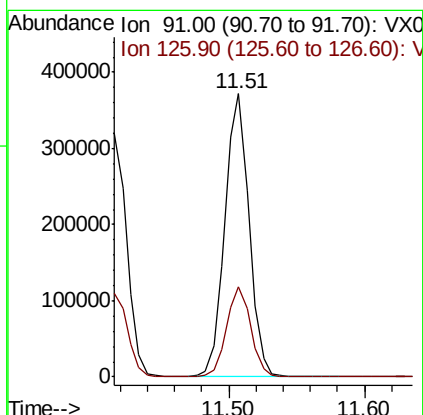
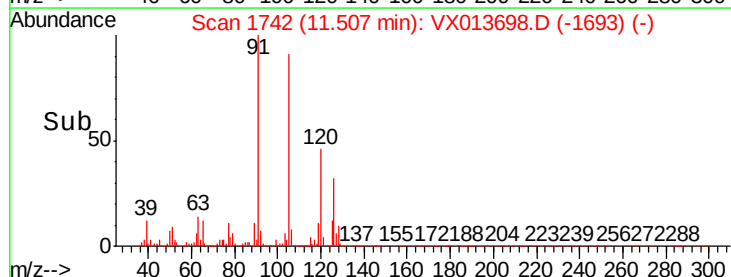
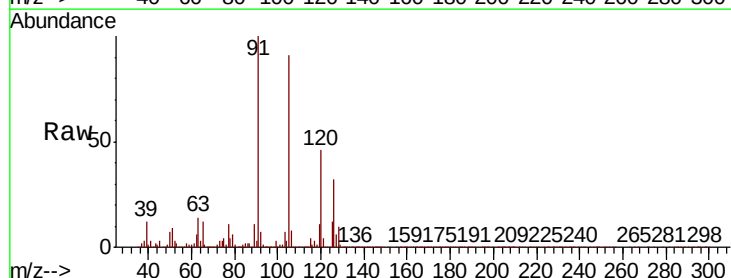
Acq: 29 Nov 2019 14:03

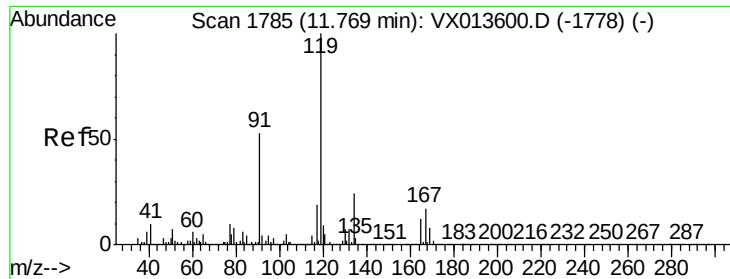
Tgt Ion: 91 Resp: 457107

Ion Ratio Lower Upper

91 100

126 31.7 15.7 47.0





#83

tert-Butylbenzene

Concen: 19.252 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBSD01

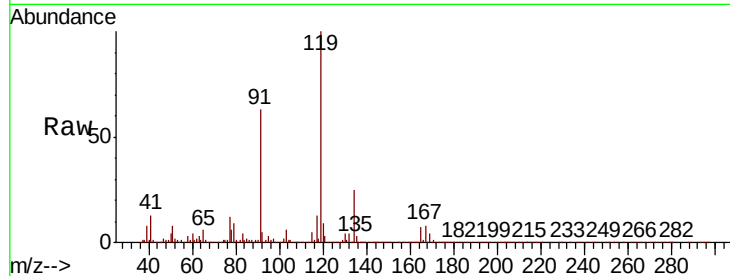
Tot Ion:119 Resp: 497589

Ion Ratio Lower Upper

119 100

91 55.0 27.2 81.6

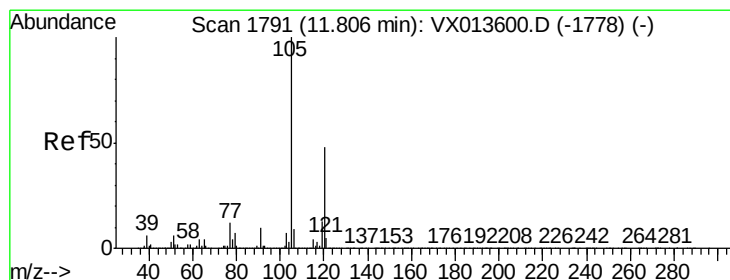
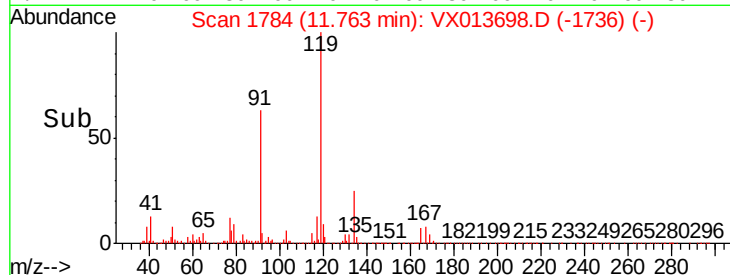
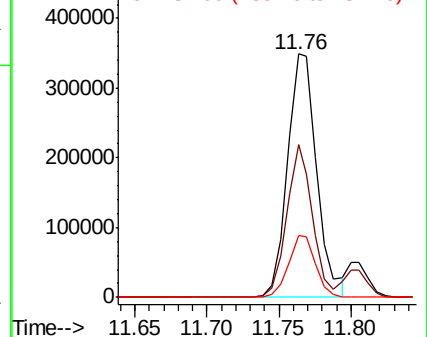
134 23.8 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.473 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013698.D

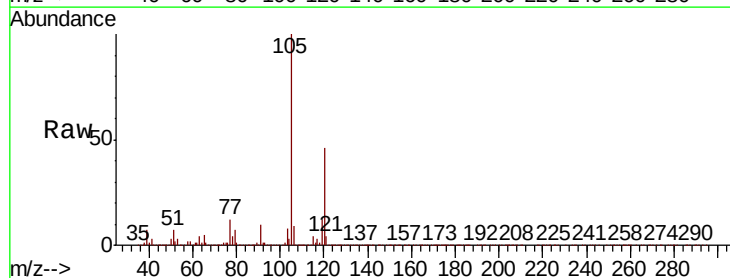
Acq: 29 Nov 2019 14:03

Tgt Ion:105 Resp: 502613

Ion Ratio Lower Upper

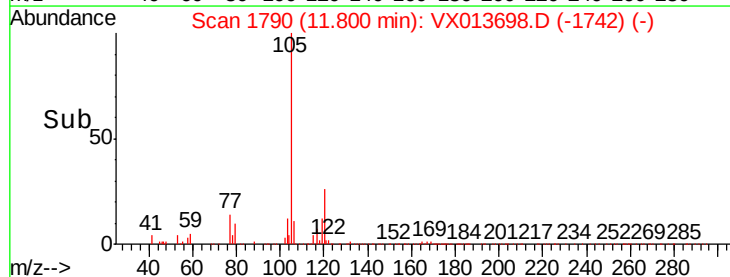
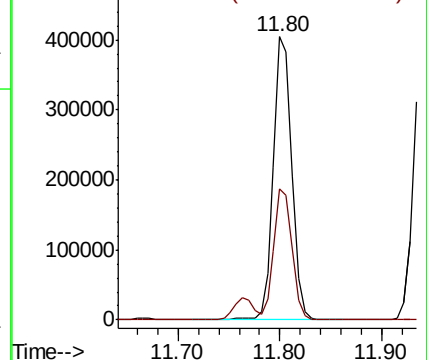
105 100

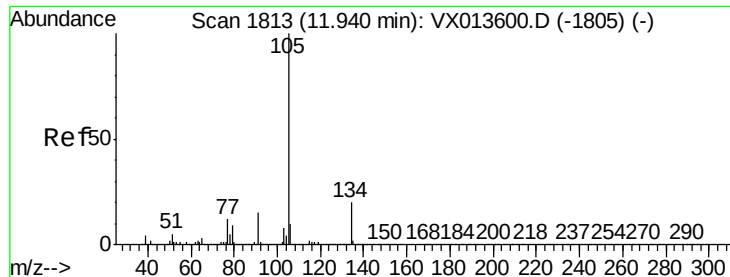
120 45.9 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

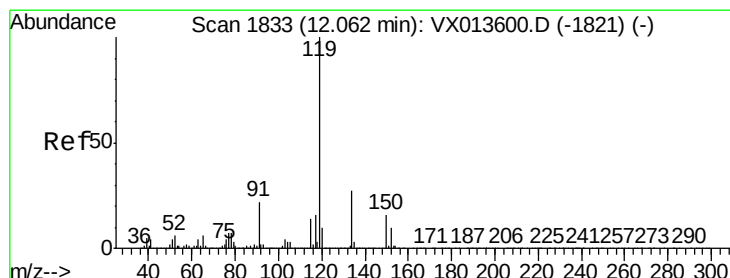
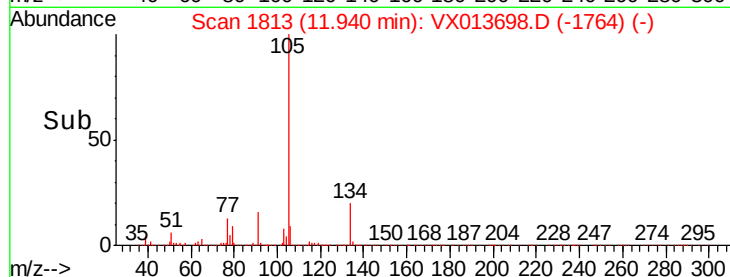
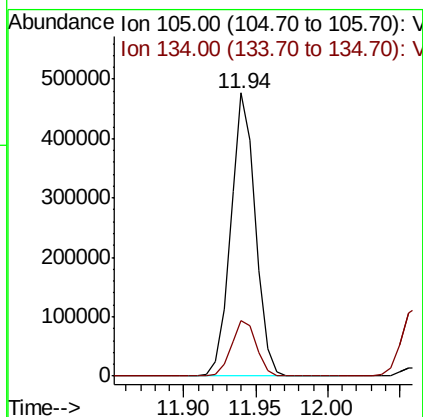
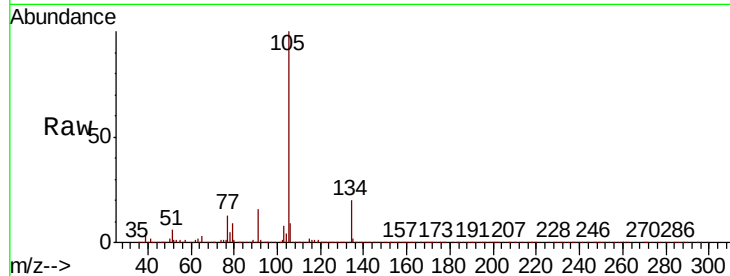




#85
 sec-Butylbenzene
 Concen: 19.327 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

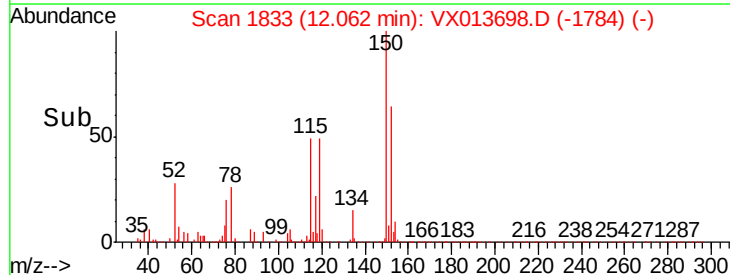
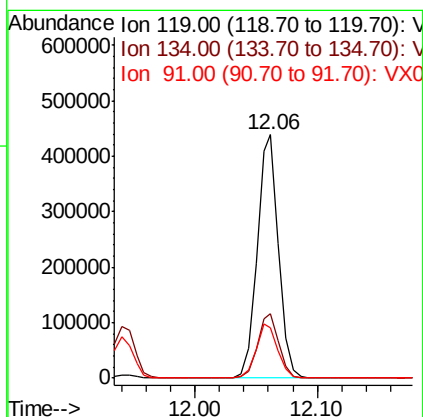
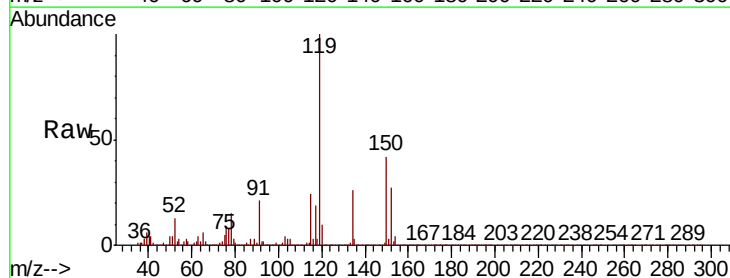
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBSD01

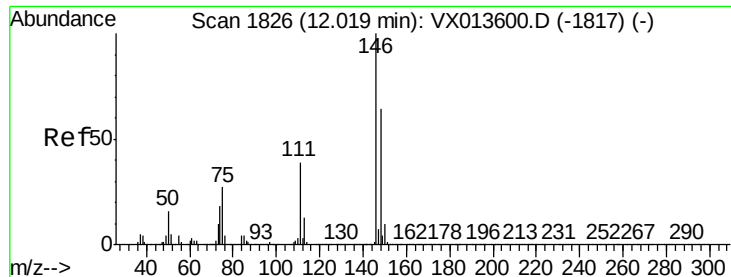
Tot Ion:105 Resp: 570566
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 19.345 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

Tgt Ion:119 Resp: 531300
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.9
 91 22.3 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 18.760 ug/l

RT: 12.02 min Scan# 1826

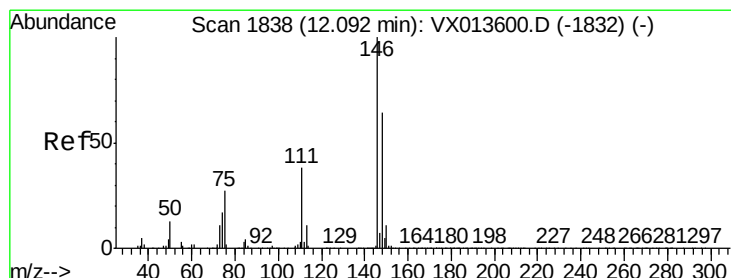
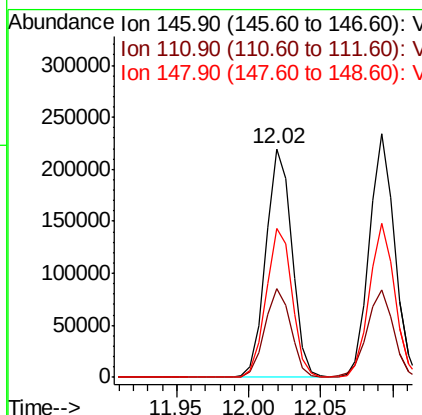
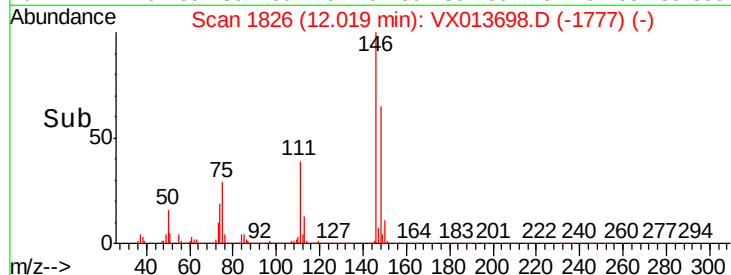
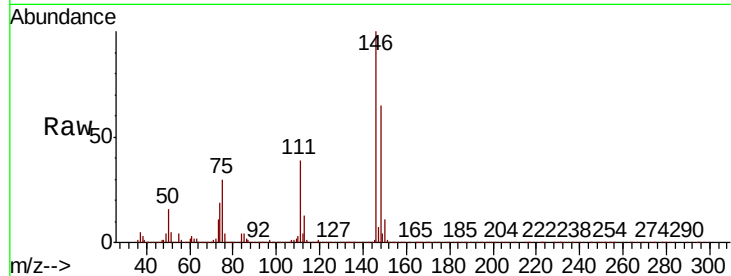
Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.0	57.0
148	64.7	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 18.717 ug/l

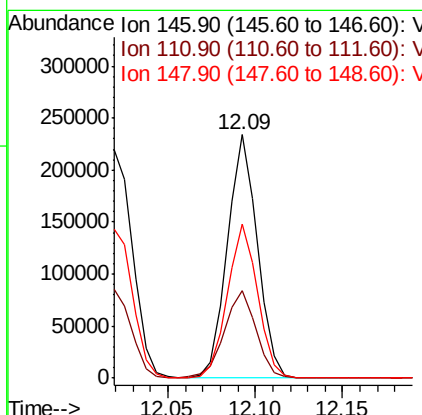
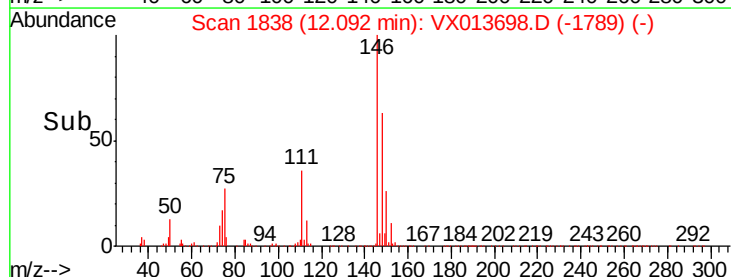
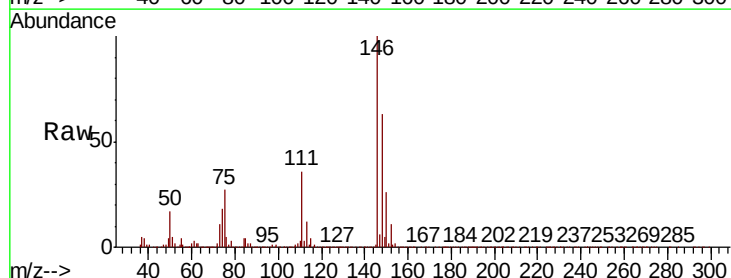
RT: 12.09 min Scan# 1838

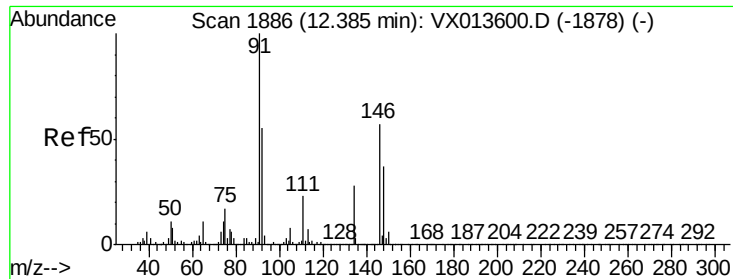
Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	63.6	31.9	95.5

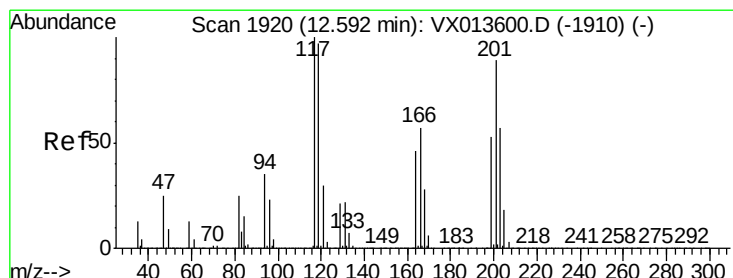
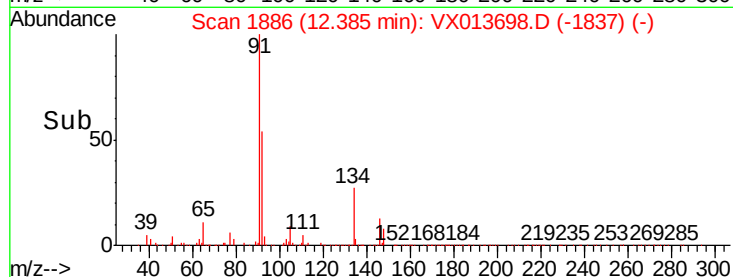
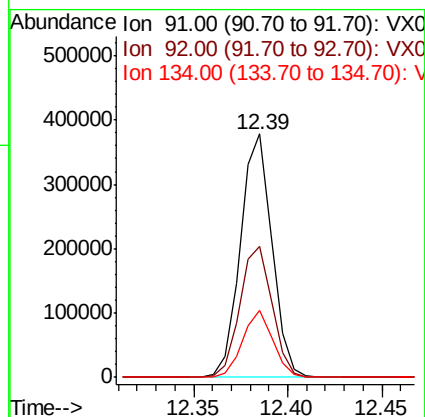
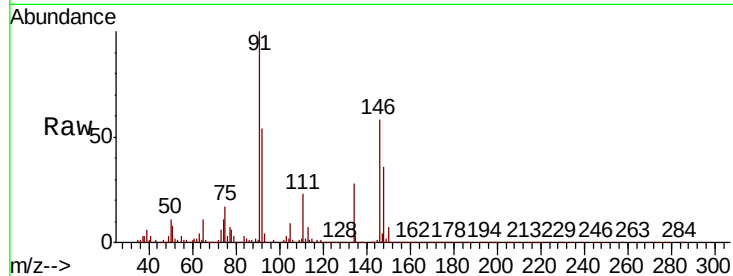




#89
n-Butylbenzene
Concen: 18.697 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

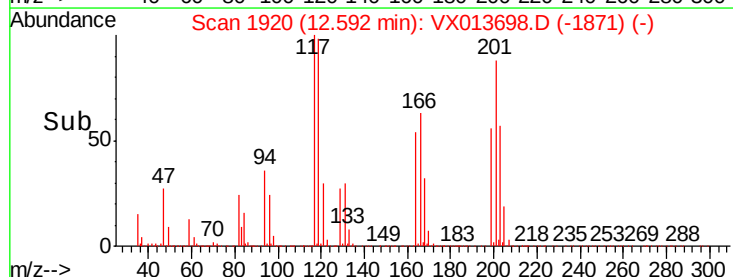
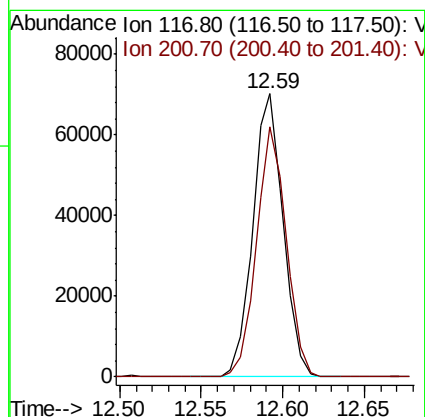
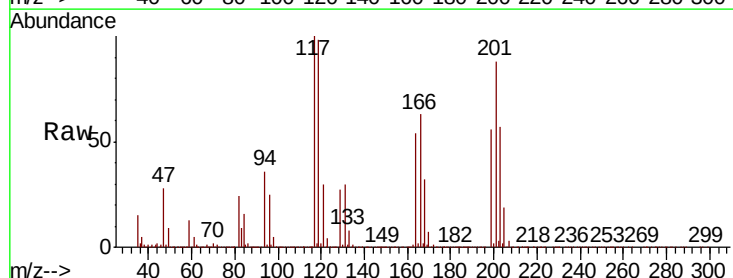
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

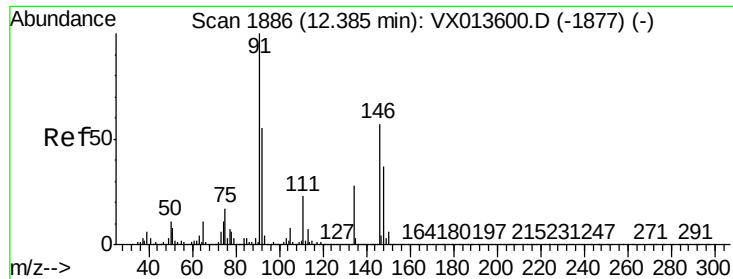
Tot Ion: 91 Resp: 437974
Ion Ratio Lower Upper
91 100
92 55.3 27.4 82.2
134 26.6 13.5 40.4



#90
Hexachloroethane
Concen: 18.194 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion: 117 Resp: 90318
Ion Ratio Lower Upper
117 100
201 87.2 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 19.238 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBSD01

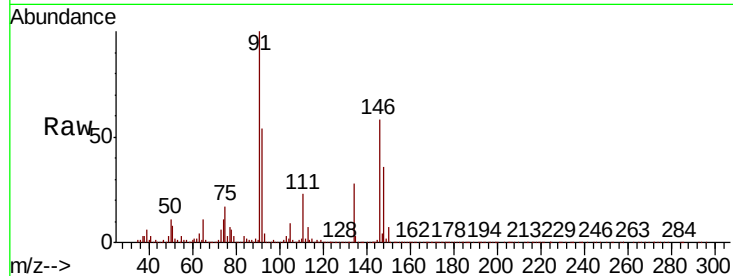
Tot Ion:146 Resp: 277755

Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.7

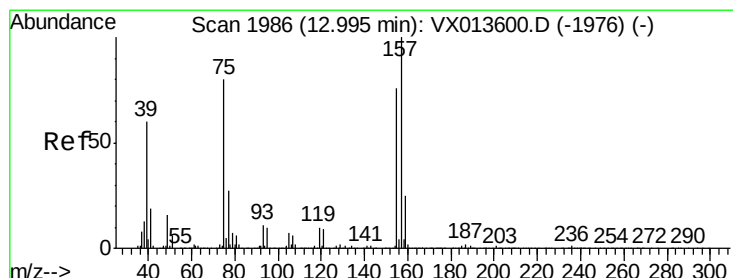
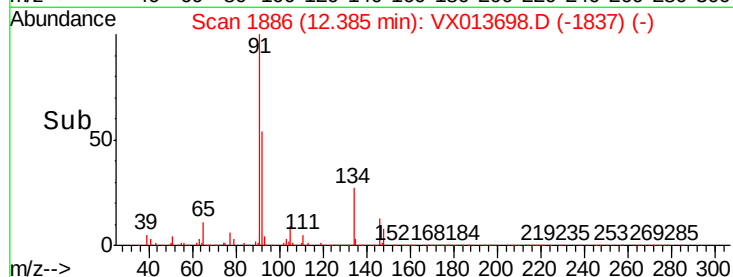
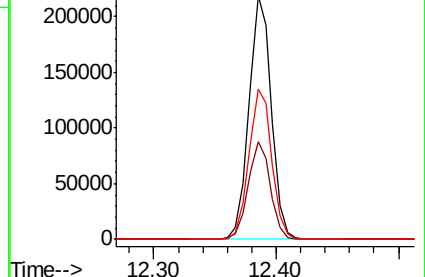
148 62.9 31.9 95.7



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: 18.662 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

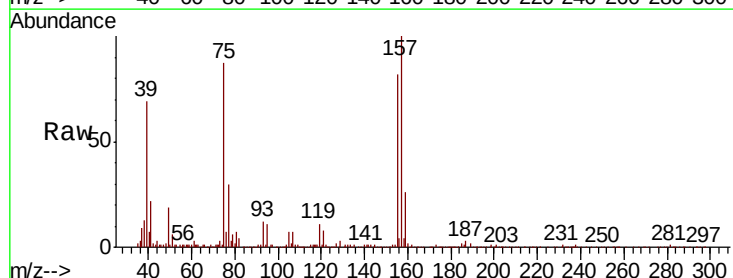
Tgt Ion: 75 Resp: 43732

Ion Ratio Lower Upper

75 100

155 95.1 47.6 142.8

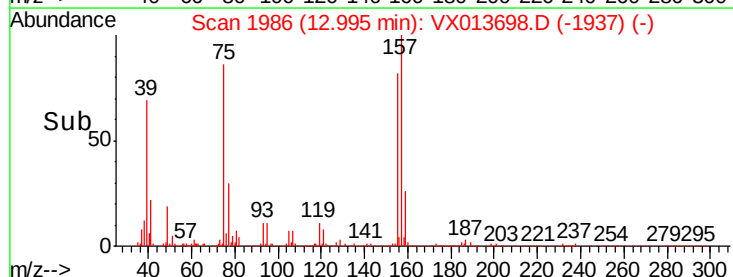
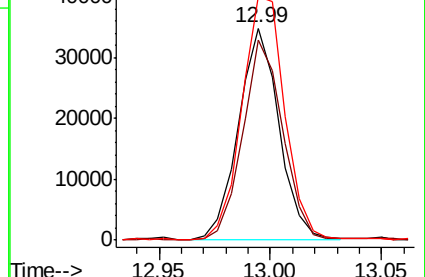
157 123.9 62.1 186.2

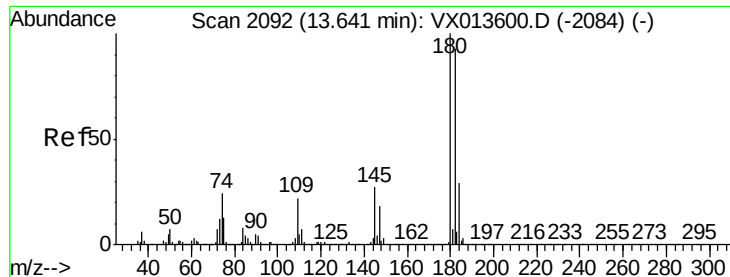


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

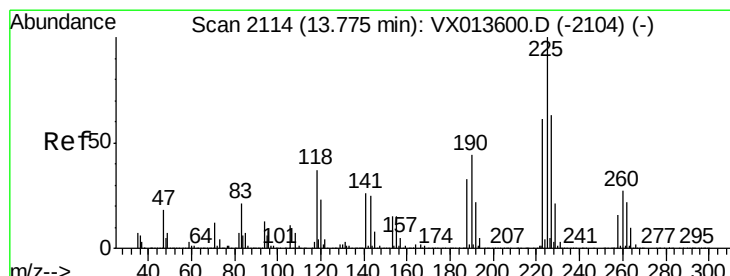
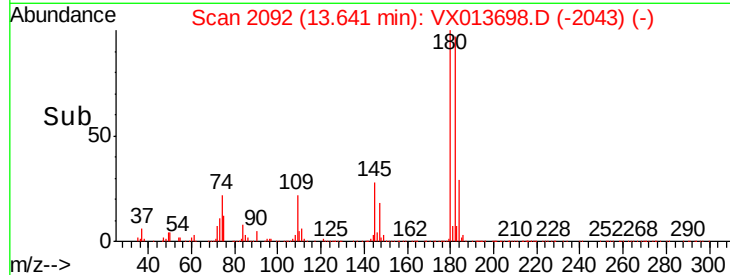
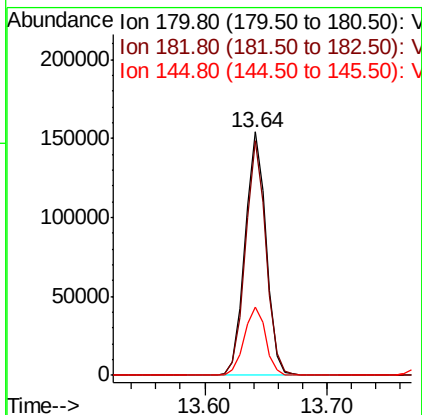
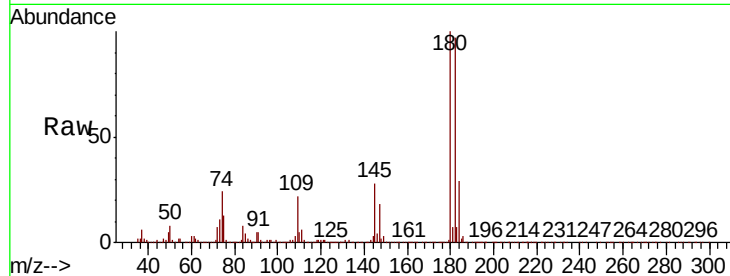




#93
 1,2,4-Trichlorobenzene
 Concen: 18.272 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

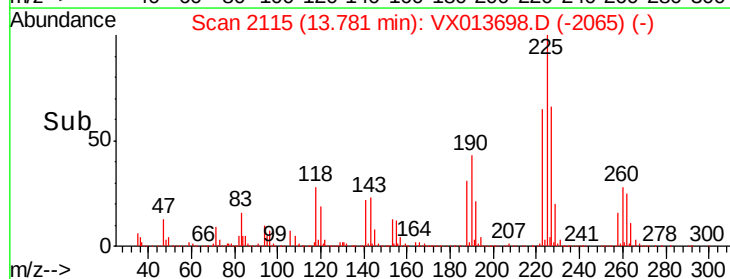
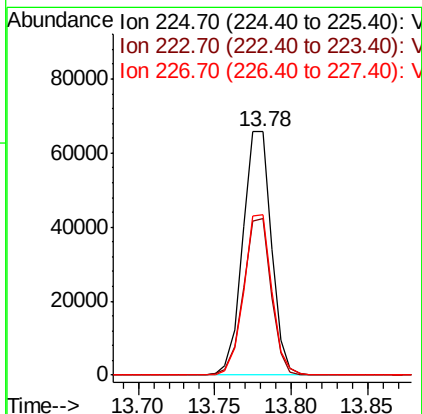
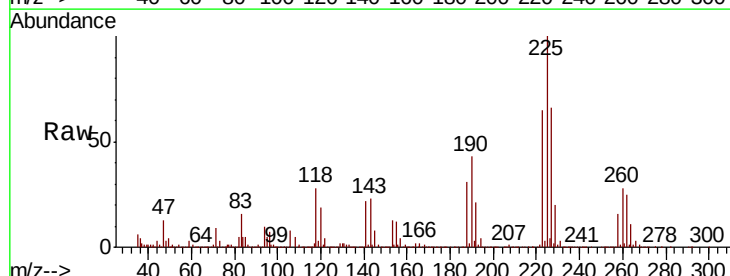
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBSD01

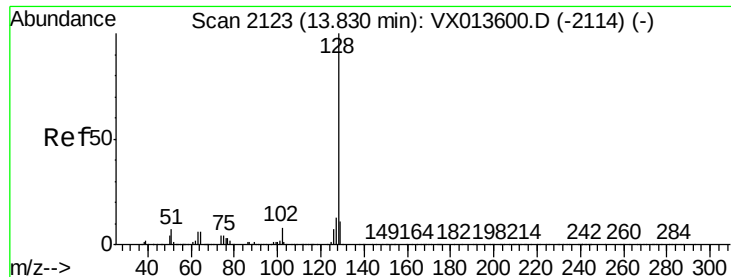
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.2	141.6
145	28.5	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 17.668 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.9	95.5
227	64.1	32.1	96.3

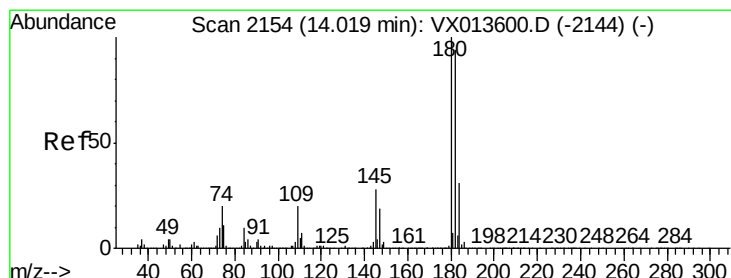
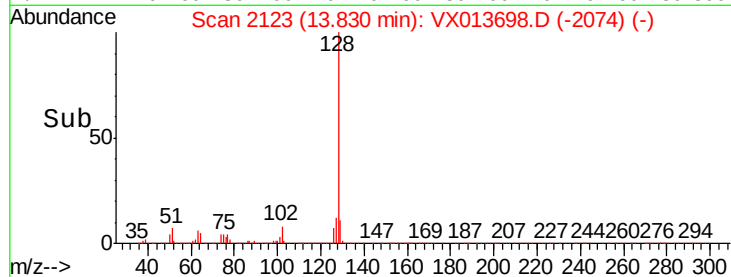
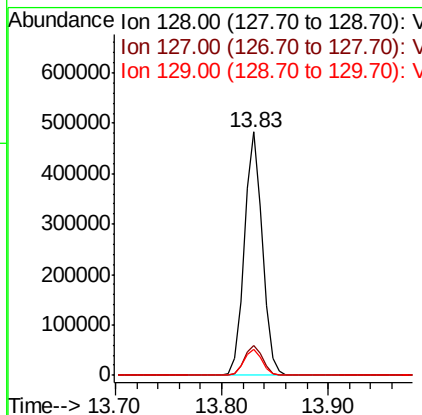
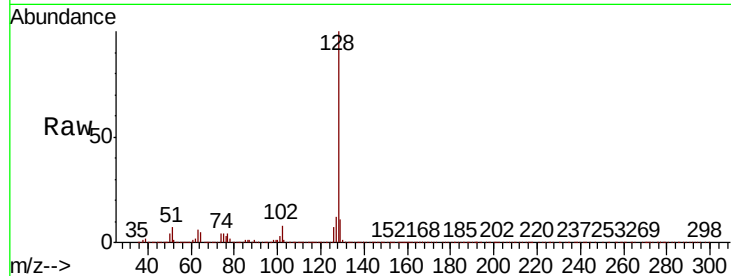




#95
Naphthalene
Concen: 19.022 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

Tot Ion:128 Resp: 569998
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.699 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion:180 Resp: 186300
Ion Ratio Lower Upper
180 100
182 94.4 47.6 142.8
145 30.4 15.0 45.0

