

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX033120\
 Data File : VX015446.D
 Acq On : 31 Mar 2020 12:08
 Operator : JC/SP
 Sample : VX0331WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 01 07:28:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1131081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1791552	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1601771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	856458	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	742152	46.52	ug/l	0.00
Spiked Amount			Recovery	=	93.04%	
35) Dibromofluoromethane	5.47	113	539738	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
50) Toluene-d8	8.70	98	2002020	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
62) 4-Bromofluorobenzene	11.12	95	819224	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	205386	20.611	ug/l	97
3) Chloromethane	1.31	50	217369	17.129	ug/l	97
4) Vinyl Chloride	1.39	62	220922	18.959	ug/l	99
5) Bromomethane	1.63	94	129183	19.043	ug/l	95
6) Chloroethane	1.72	64	134096	18.555	ug/l	100
7) Trichlorofluoromethane	1.92	101	323082	20.674	ug/l	97
8) Diethyl Ether	2.17	74	119563	18.139	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	213597	20.967	ug/l	98
10) Methyl Iodide	2.49	142	229838	16.734	ug/l	99
11) Tert butyl alcohol	3.01	59	303626	79.517	ug/l	99
12) 1,1-Dichloroethene	2.36	96	210246	19.689	ug/l	98
13) Acrolein	2.27	56	173680	79.849	ug/l	99
14) Allyl chloride	2.71	41	475624	19.062	ug/l	98
15) Acrylonitrile	3.11	53	636017	87.342	ug/l	100
16) Acetone	2.42	43	593866	86.650	ug/l	100
17) Carbon Disulfide	2.55	76	630148	19.344	ug/l	100
18) Methyl Acetate	2.75	43	307448	17.576	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	774162	18.692	ug/l	98
20) Methylene Chloride	2.83	84	236012	18.436	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	227228	19.173	ug/l	93
22) Diisopropyl ether	3.83	45	861689	19.489	ug/l	91
23) Vinyl Acetate	3.78	43	3866800	96.594	ug/l	100
24) 1,1-Dichloroethane	3.67	63	439549	18.882	ug/l	98
25) 2-Butanone	4.64	43	932549	84.607	ug/l	99
26) 2,2-Dichloropropane	4.55	77	397041	20.779	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	258344	18.842	ug/l	95
28) Bromochloromethane	4.98	49	217585	19.577	ug/l	97
29) Tetrahydrofuran	5.09	42	600503	84.747	ug/l	99
30) Chloroform	5.18	83	423628	18.915	ug/l	97
31) Cyclohexane	5.54	56	416590	20.629	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	397092	19.591	ug/l	100
36) 1,1-Dichloropropene	5.77	75	327988	19.869	ug/l	99
37) Ethyl Acetate	4.79	43	374793	17.438	ug/l	99
38) Carbon Tetrachloride	5.76	117	347317	19.426	ug/l	93

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	396376	20.826	ug/l	100
40) Benzene	6.11	78	931223	19.258	ug/l	96
41) Methacrylonitrile	5.00	41	215149	18.032	ug/l	99
42) 1,2-Dichloroethane	6.16	62	366980	18.894	ug/l	100
43) Isopropyl Acetate	6.41	43	655660	18.071	ug/l	99
44) Trichloroethene	7.19	130	254703	19.314	ug/l	92
45) 1,2-Dichloropropane	7.49	63	251701	19.028	ug/l	100
46) Dibromomethane	7.64	93	161769	18.643	ug/l	100
47) Bromodichloromethane	7.87	83	354676	19.183	ug/l	97
48) Methyl methacrylate	7.75	41	322381	17.788	ug/l	100
49) 1,4-Dioxane	7.72	88	120288	355.791	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	1849267	89.934	ug/l	99
52) Toluene	8.76	92	583165	19.562	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	398800	18.391	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	420181	19.022	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	232270	19.017	ug/l	98
56) Ethyl methacrylate	9.16	69	385761	17.921	ug/l	99
57) 1,3-Dichloropropane	9.35	76	407714	18.528	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	957164	91.419	ug/l	98
59) 2-Hexanone	9.47	43	1384150	89.161	ug/l	99
60) Dibromochloromethane	9.57	129	266864	18.183	ug/l	97
61) 1,2-Dibromoethane	9.65	107	243584	18.341	ug/l	98
64) Tetrachloroethene	9.32	164	232857	19.263	ug/l	99
65) Chlorobenzene	10.12	112	619747	19.401	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	238147	18.661	ug/l	98
67) Ethyl Benzene	10.23	91	1127248	19.896	ug/l	98
68) m/p-Xylenes	10.34	106	837028	39.676	ug/l	98
69) o-Xylene	10.68	106	407520	19.548	ug/l	98
70) Styrene	10.70	104	700023	19.082	ug/l	99
71) Bromoform	10.84	173	201687	17.360	ug/l	96
73) Isopropylbenzene	11.00	105	1112718	19.829	ug/l	99
74) N-amyl acetate	10.88	43	547332	17.536	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	341079	17.713	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	418534	23.764	ug/l	84
77) Bromobenzene	11.24	156	280261	18.723	ug/l	99
78) n-propylbenzene	11.34	91	1280250	19.952	ug/l	100
79) 2-Chlorotoluene	11.40	91	755945	19.220	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	950385	19.830	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	126645	17.254	ug/l	95
82) 4-Chlorotoluene	11.49	91	907217	19.676	ug/l	98
83) tert-Butylbenzene	11.76	119	913960	19.524	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	955628	19.567	ug/l	99
85) sec-Butylbenzene	11.93	105	1077864	19.908	ug/l	99
86) p-Isopropyltoluene	12.05	119	999075	19.877	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	505261	18.855	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	502989	18.428	ug/l	97
89) n-Butylbenzene	12.37	91	910025	20.036	ug/l	99
90) Hexachloroethane	12.58	117	181522	18.555	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	486372	18.547	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	85380	15.710	ug/l	97

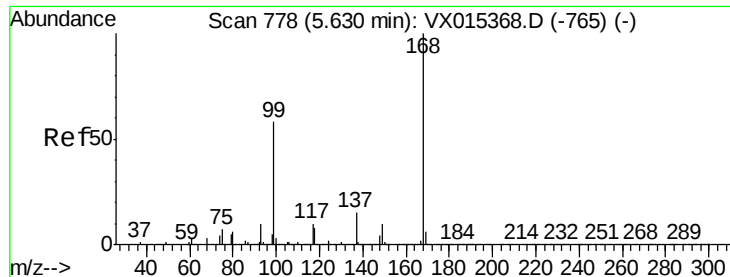
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033120\
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Instrument :
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Quant Time: Apr 01 07:28:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	368645	17.772	ug/l	97
94) Hexachlorobutadiene	13.77	225	176202	17.841	ug/l	98
95) Naphthalene	13.82	128	1133984	17.922	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	369695	18.511	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Instrument :

MSVOA_X

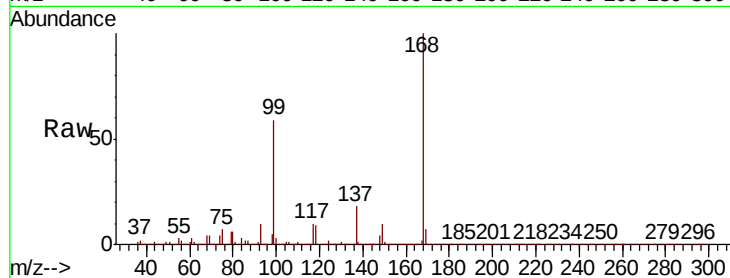
ClientSampleId :

Tot Ion:168 Resp: 1131081

Ion Ratio Lower Upper

168 100

99 58.8 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

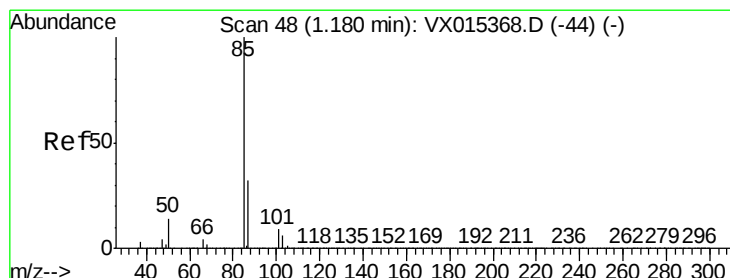
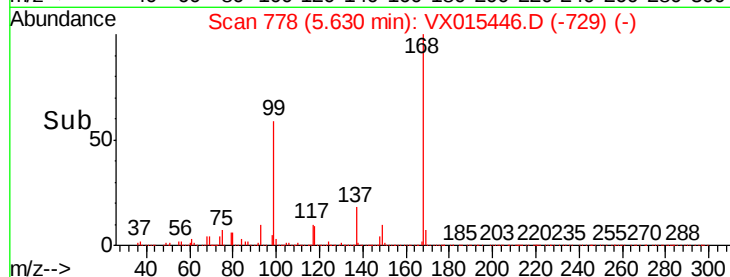
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.611 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015446.D

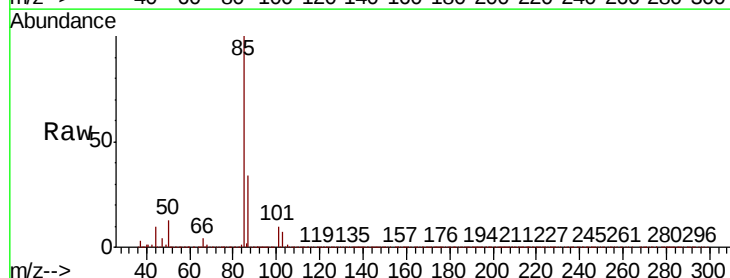
Acq: 31 Mar 2020 12:08

Tgt Ion: 85 Resp: 205386

Ion Ratio Lower Upper

85 100

87 33.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

250000

200000

150000

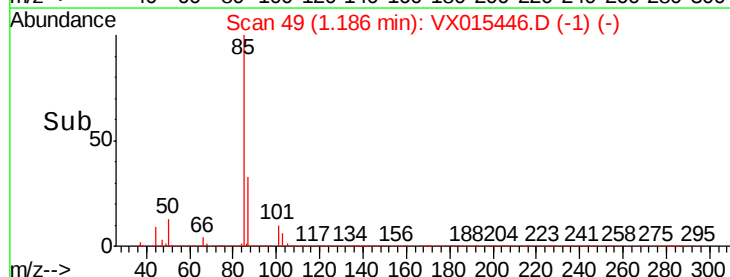
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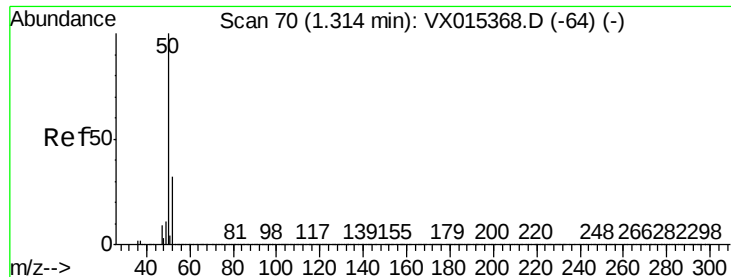
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0

1.10 1.15 1.20 1.25 1.30

Time-->

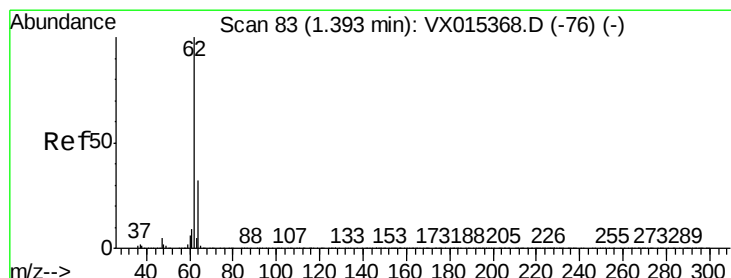
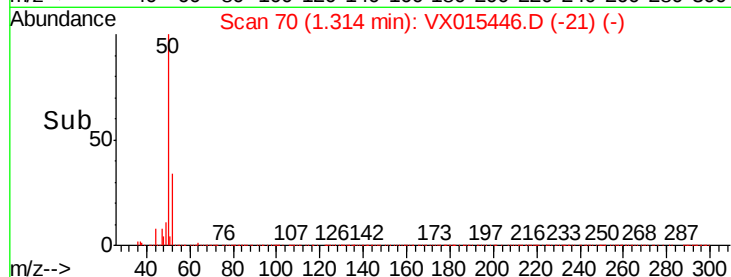
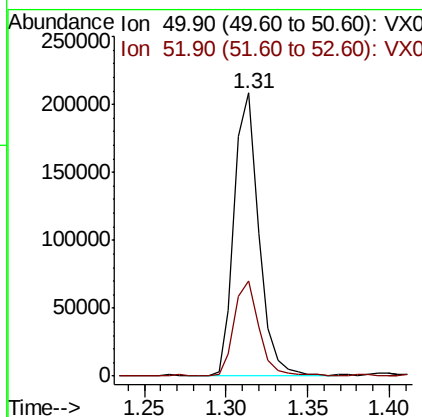
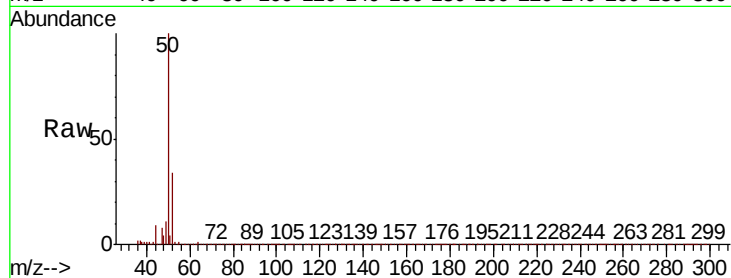




#3
Chloromethane
Concen: 17.129 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

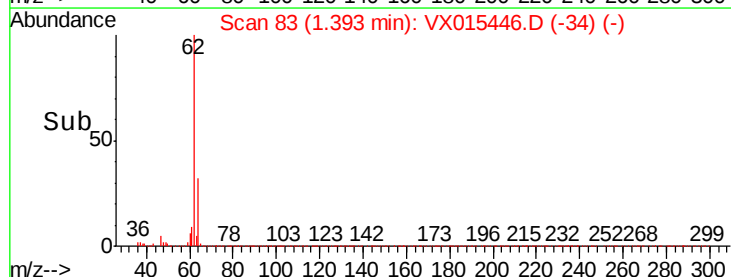
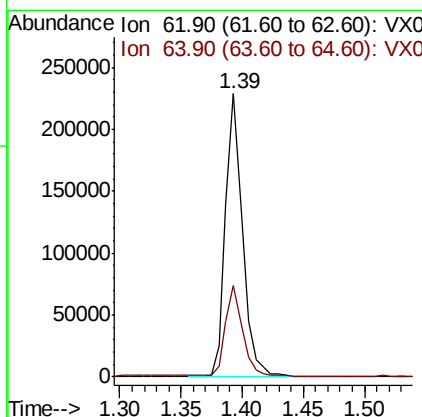
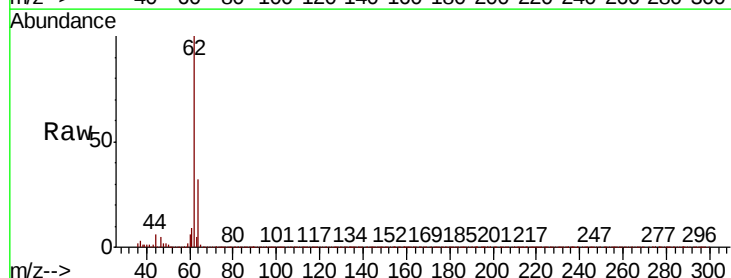
Instrument :
MSVOA_X
ClientSampleId :

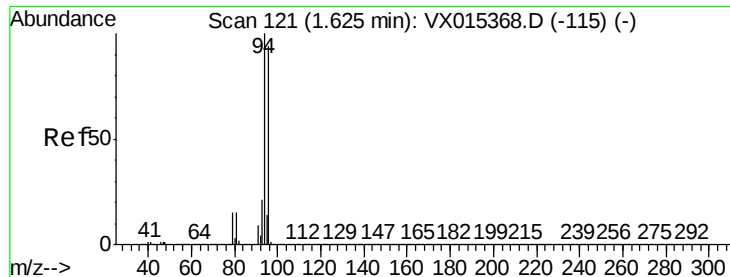
Tot Ion: 50 Resp: 217369
Ion Ratio Lower Upper
50 100
52 33.5 25.3 37.9



#4
Vinyl Chloride
Concen: 18.959 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

Tgt Ion: 62 Resp: 220922
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0





#5

Bromomethane

Concen: 19.043 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Instrument :

MSVOA_X

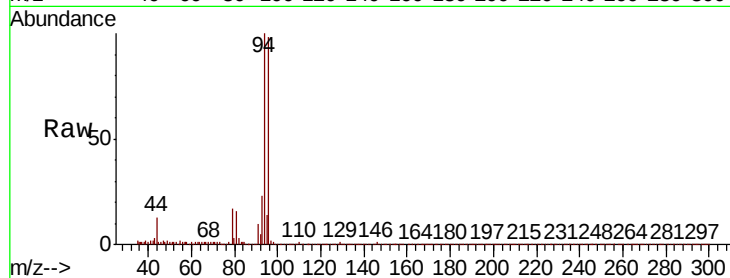
ClientSampleId :

Tot Ion: 94 Resp: 129183

Ion Ratio Lower Upper

94 100

96 98.5 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

120000

100000

80000

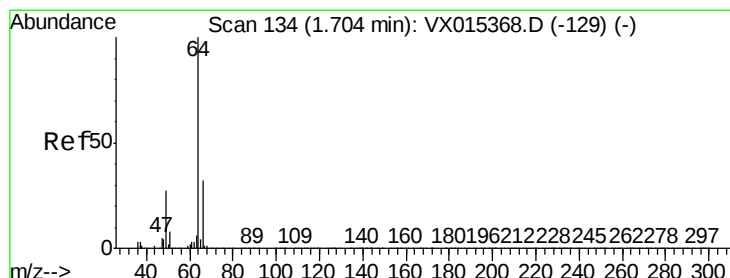
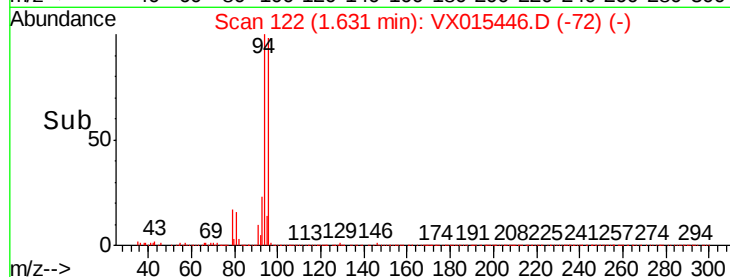
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 18.555 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015446.D

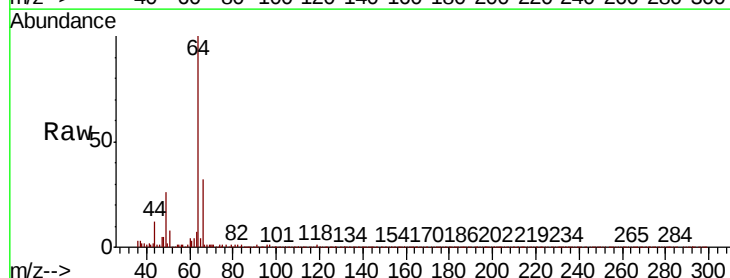
Acq: 31 Mar 2020 12:08

Tgt Ion: 64 Resp: 134096

Ion Ratio Lower Upper

64 100

66 31.6 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

120000

100000

80000

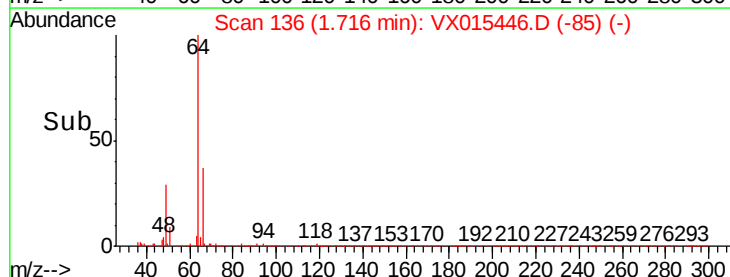
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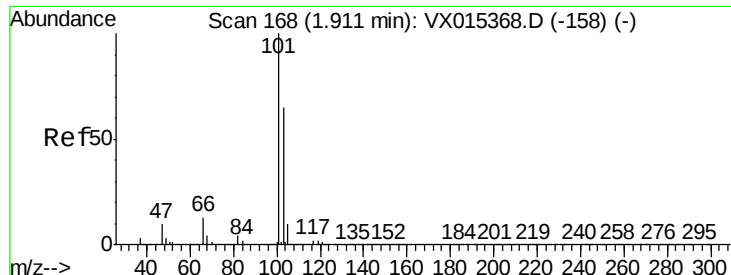
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20000

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Time-->



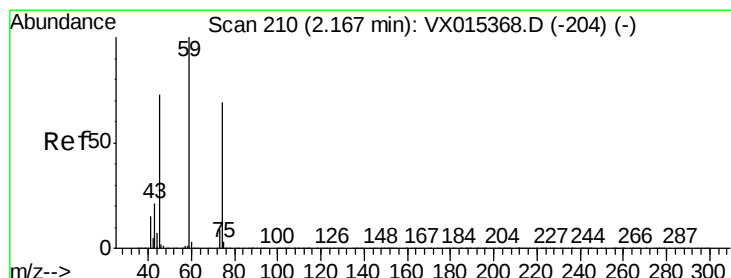
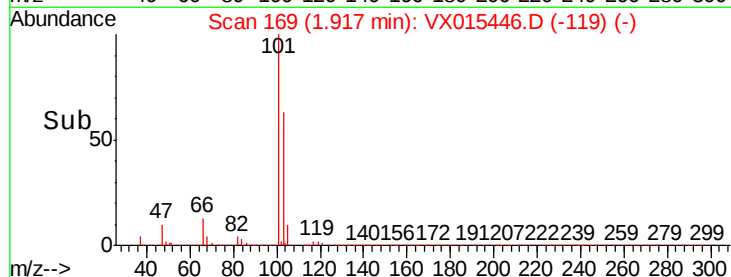
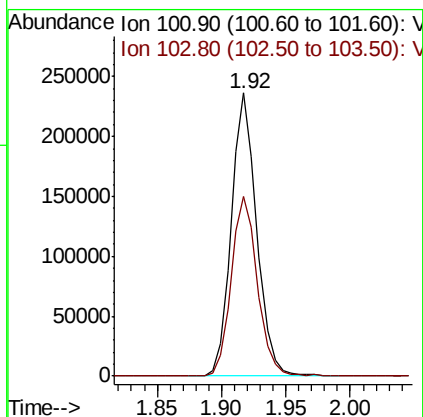
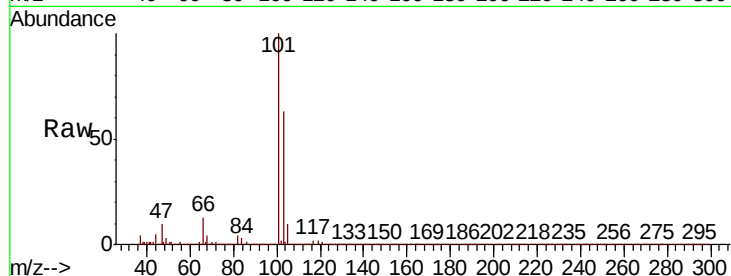


#7

Trichlorofluoromethane
Concen: 20.674 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

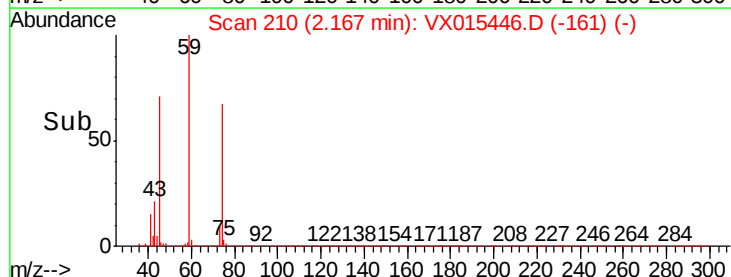
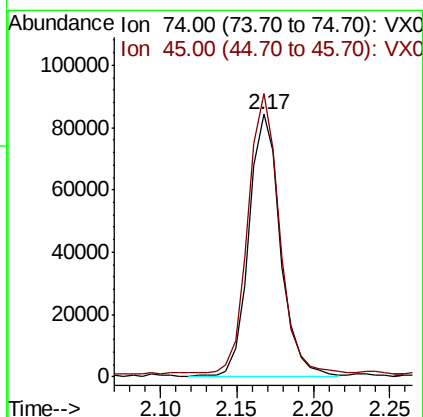
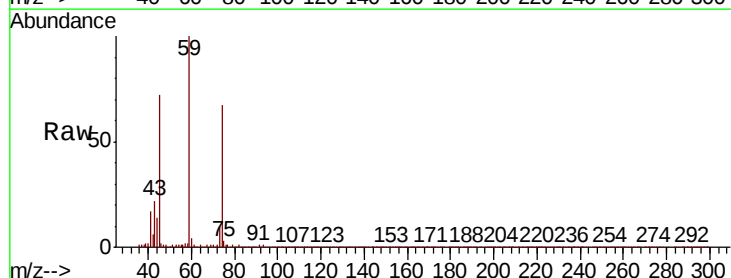
Tot Ion:101 Resp: 323082
Ion Ratio Lower Upper
101 100
103 63.3 52.3 78.5

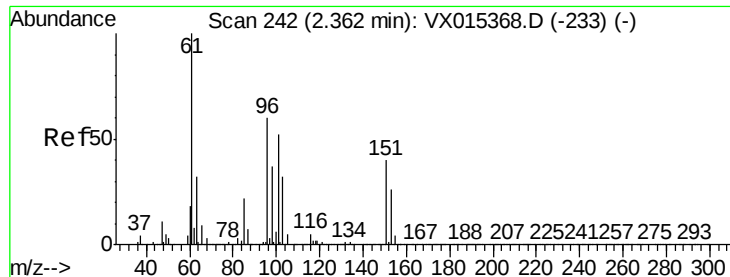


#8

Diethyl Ether
Concen: 18.139 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

Tgt Ion: 74 Resp: 119563
Ion Ratio Lower Upper
74 100
45 108.5 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.967 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015446.D

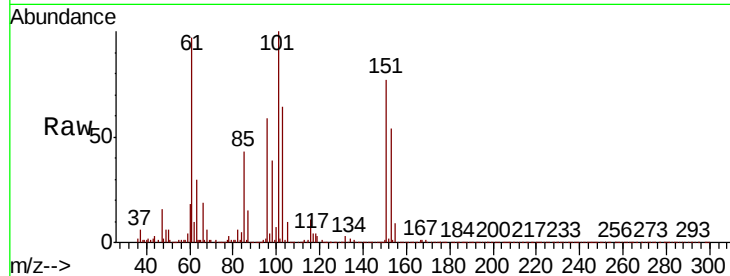
Acq: 31 Mar 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

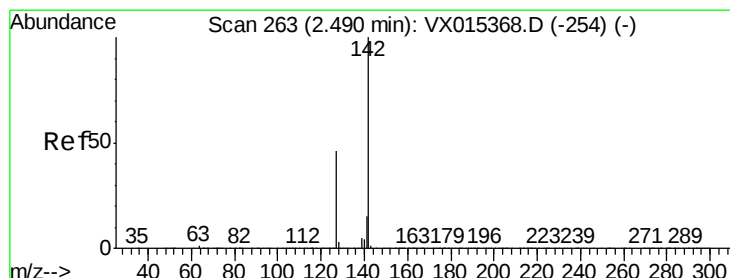
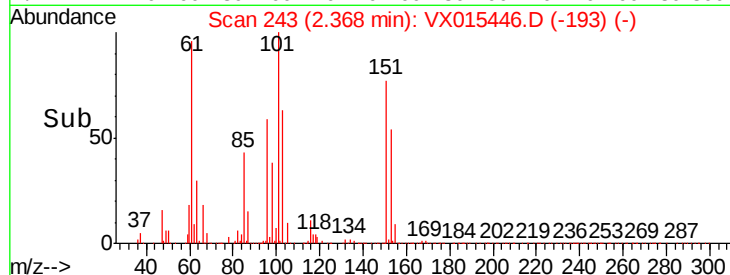
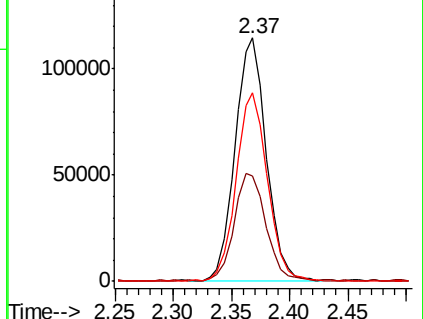
Tot Ion:	101	Resp:	213597
Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.0	52.4
151	77.8	64.1	96.1



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: 16.734 ug/l

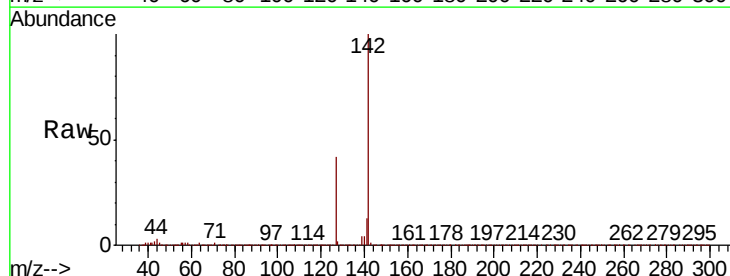
RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

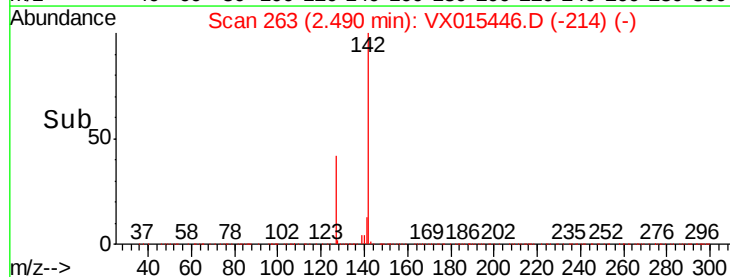
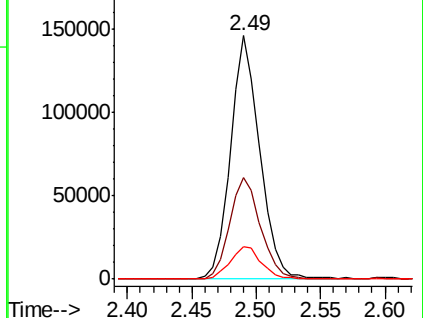
Tgt Ion:	142	Resp:	229838
Ion	Ratio	Lower	Upper
142	100		
127	43.9	35.9	53.9
141	14.1	11.6	17.4

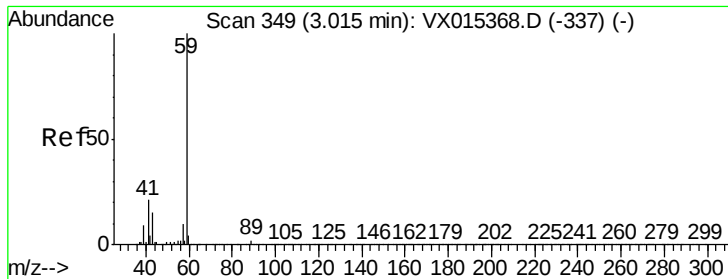


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



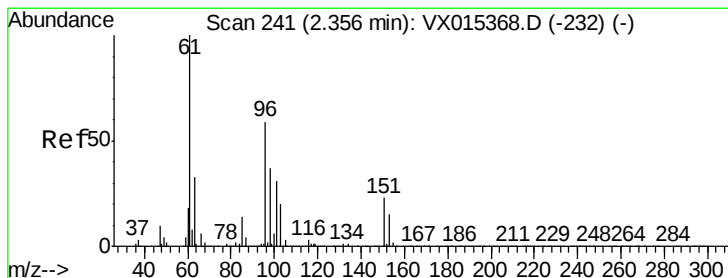
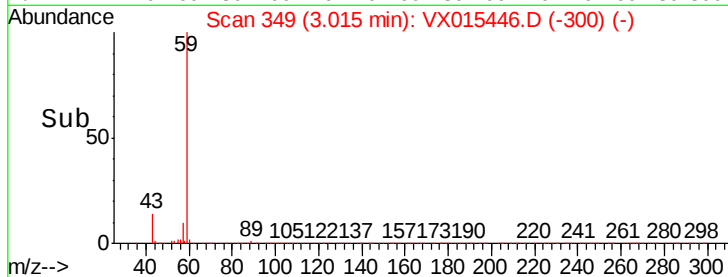
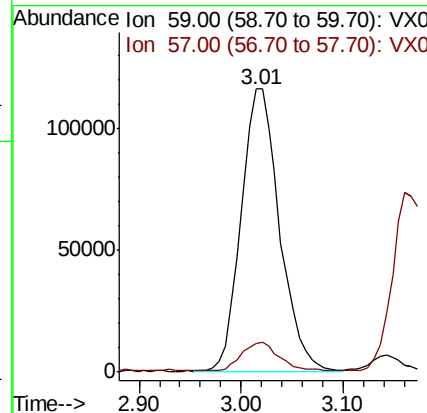
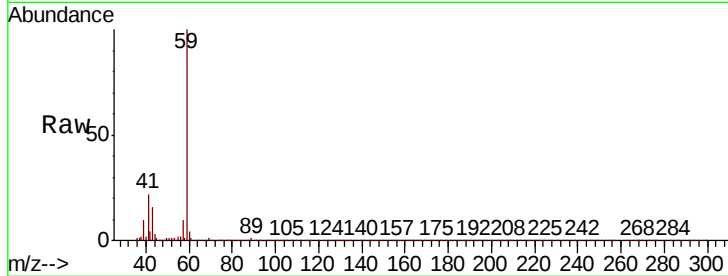


#11

Tert butyl alcohol
 Concen: 79.517 ug/l
 RT: 3.01 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VX015446.D
 Acq: 31 Mar 2020 12:08

Instrument :
 MSVOA_X
 ClientSampleId :

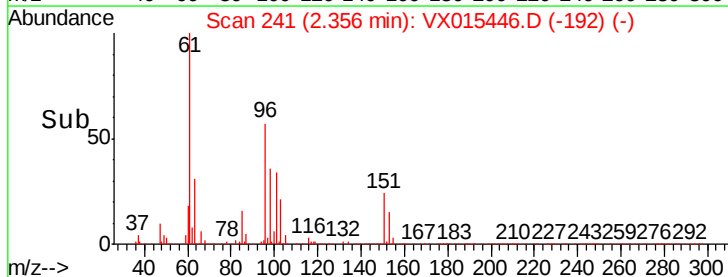
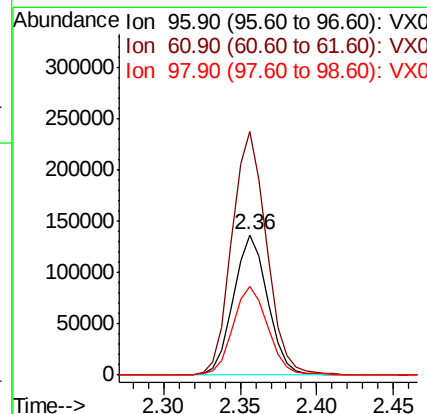
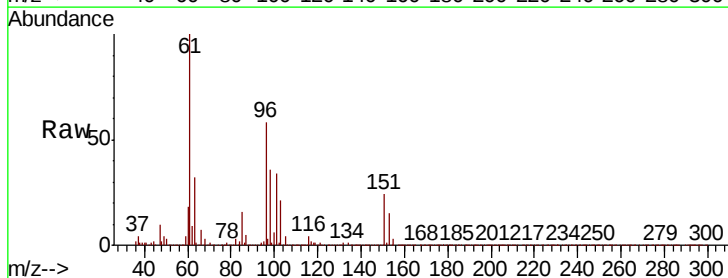
Tot Ion: 59 Resp: 303626
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.1 12.1

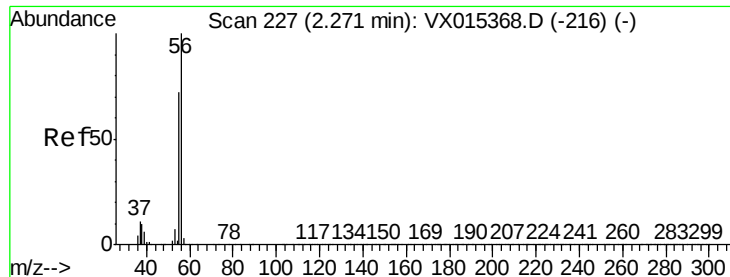


#12

1,1-Dichloroethene
 Concen: 19.689 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.00 min
 Lab File: VX015446.D
 Acq: 31 Mar 2020 12:08

Tgt Ion: 96 Resp: 210246
 Ion Ratio Lower Upper
 96 100
 61 173.2 135.7 203.5
 98 62.9 50.6 75.8





#13

Acrolein

Concen: 79.849 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Instrument :

MSVOA_X

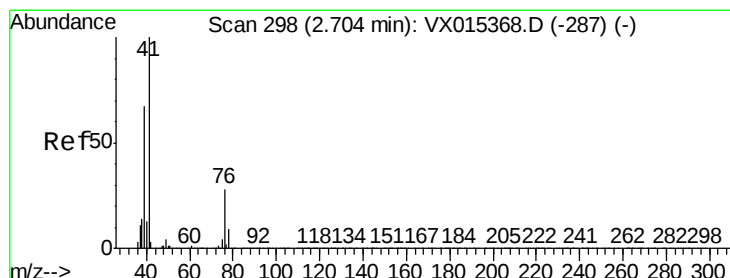
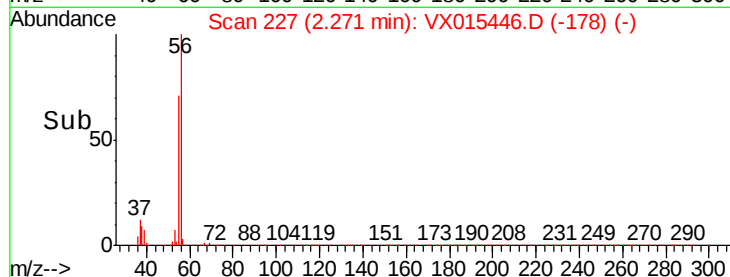
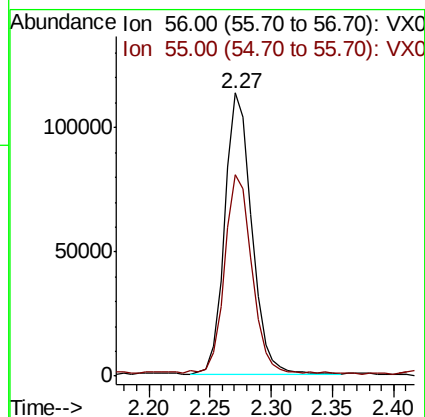
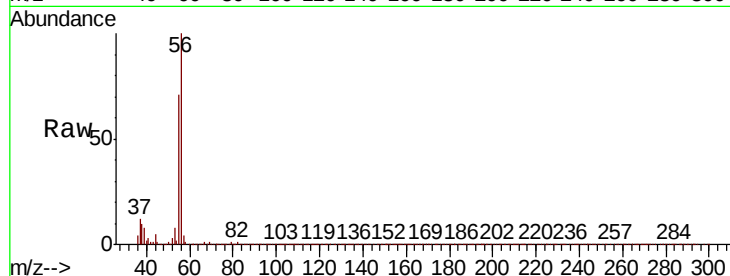
ClientSampled :

Tot Ion: 56 Resp: 173680

Ion Ratio Lower Upper

56 100

55 72.4 57.0 85.4



#14

Allyl chloride

Concen: 19.062 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

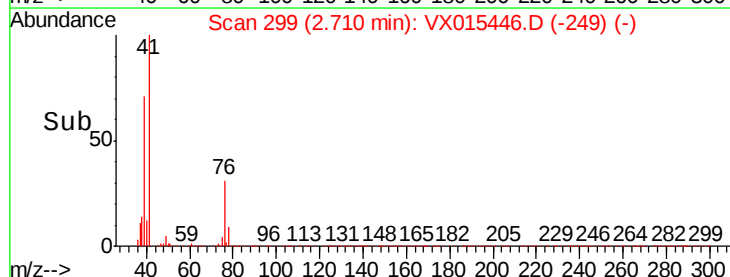
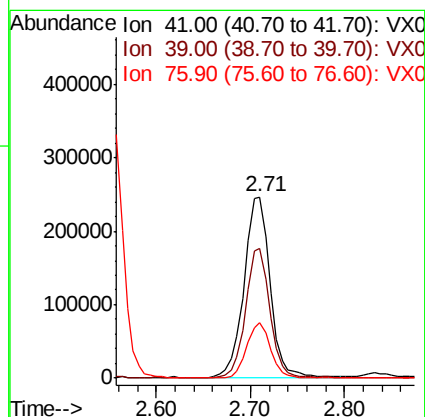
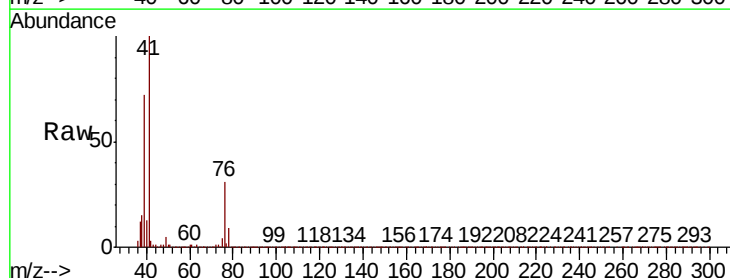
Tgt Ion: 41 Resp: 475624

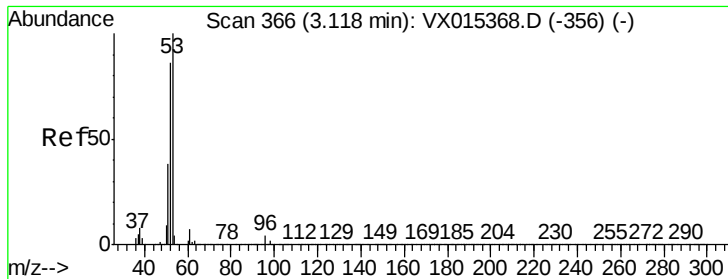
Ion Ratio Lower Upper

41 100

39 66.4 51.4 77.0

76 27.5 21.8 32.8





#15

Acrylonitrile

Concen: 87.342 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

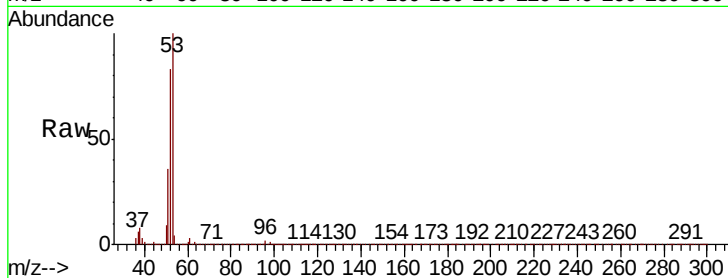
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 636017

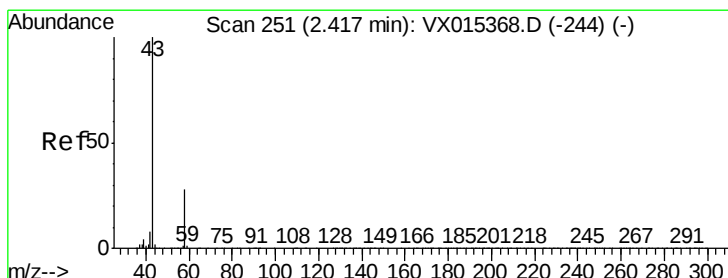
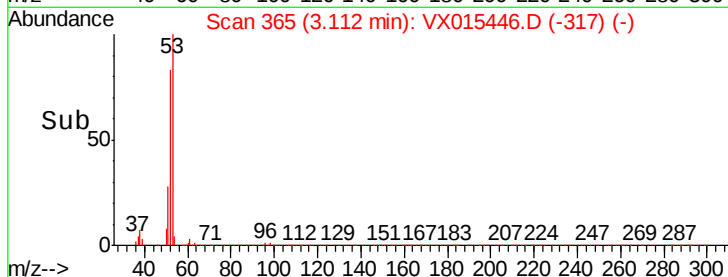
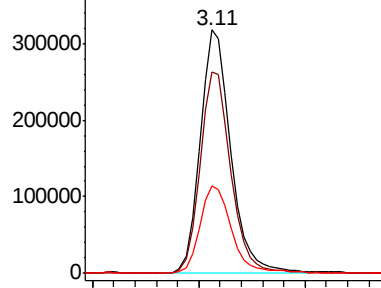
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.8	100.2
51	37.2	29.5	44.3



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: 86.650 ug/l

RT: 2.42 min Scan# 252

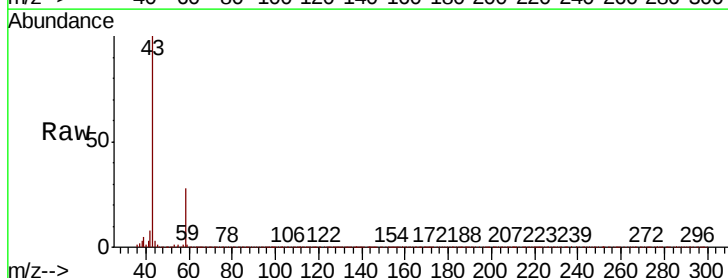
Delta R.T. 0.01 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

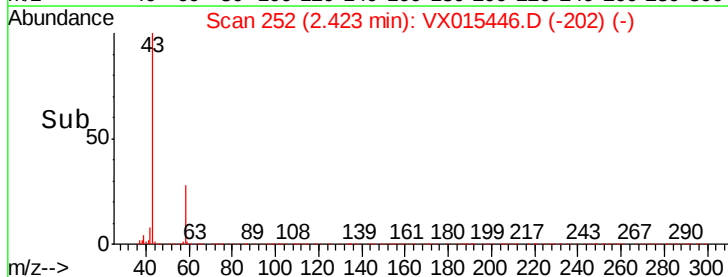
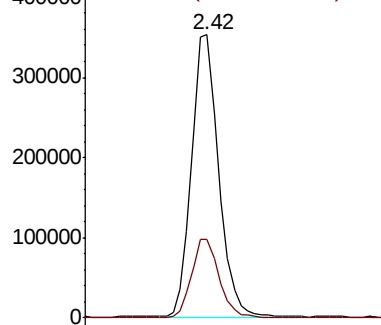
Tgt Ion: 43 Resp: 593866

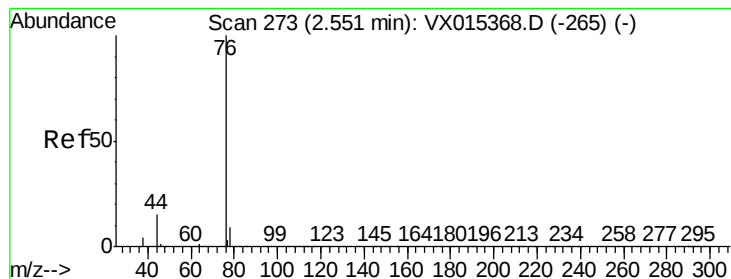
Ion	Ratio	Lower	Upper
43	100		
58	27.7	22.1	33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.344 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Instrument :

MSVOA_X

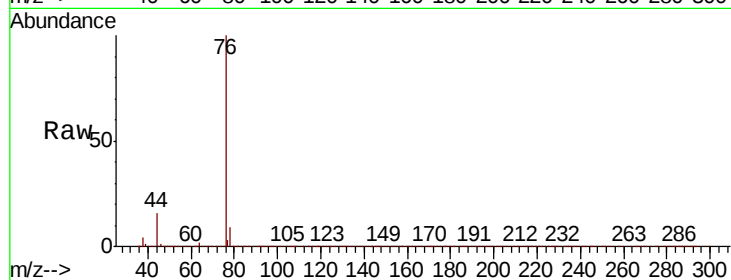
ClientSampleId :

Tot Ion: 76 Resp: 630148

Ion Ratio Lower Upper

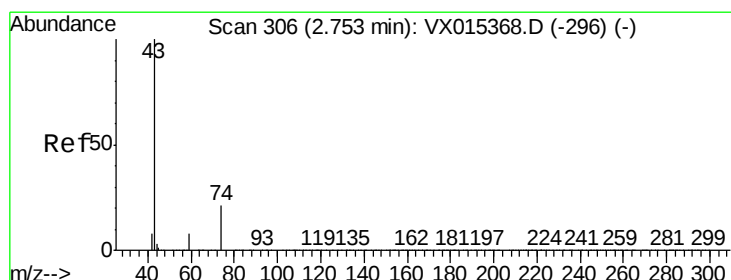
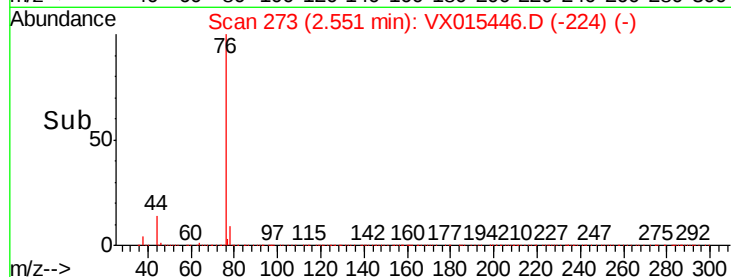
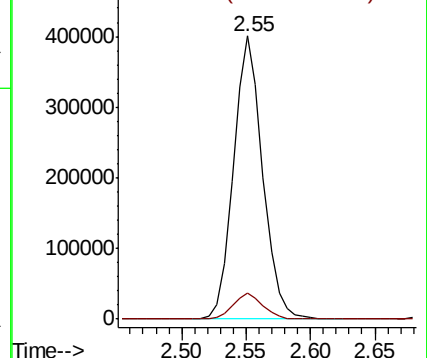
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.576 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015446.D

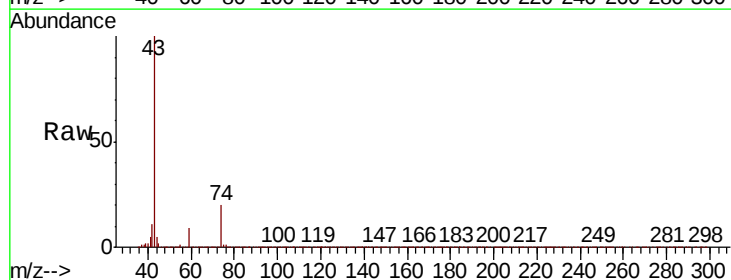
Acq: 31 Mar 2020 12:08

Tgt Ion: 43 Resp: 307448

Ion Ratio Lower Upper

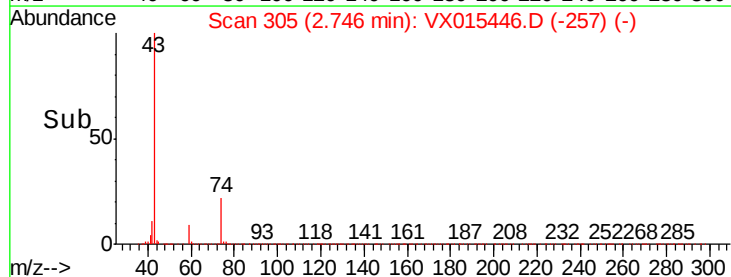
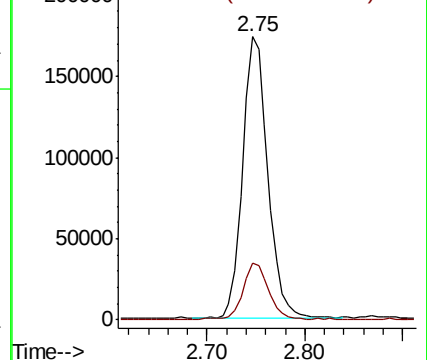
43 100

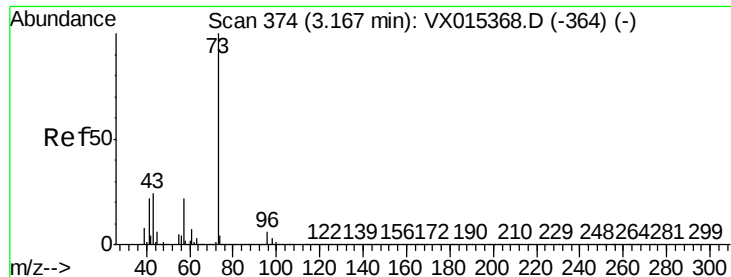
74 20.3 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



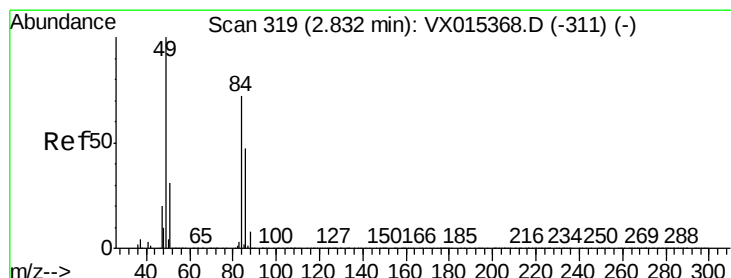
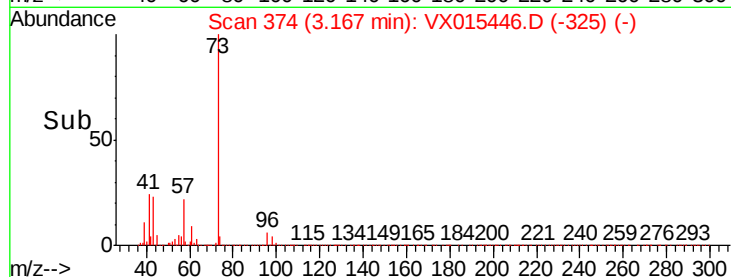
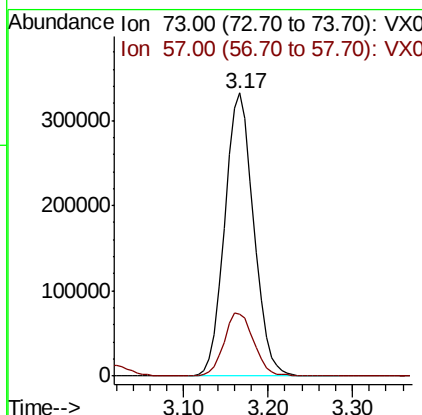
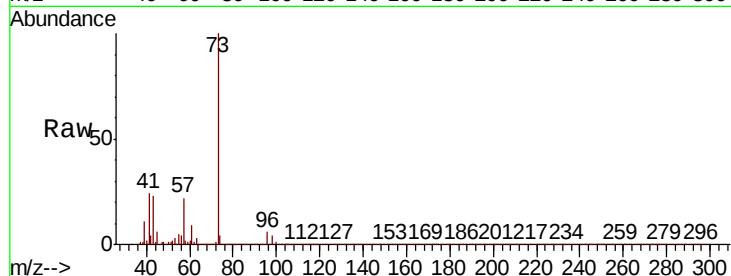


#19

Methyl tert-butyl Ether
 Concen: 18.692 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX015446.D
 Acq: 31 Mar 2020 12:08

Instrument :
 MSVOA_X
 ClientSampleId :

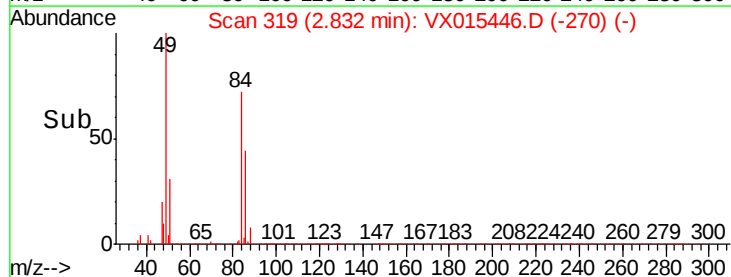
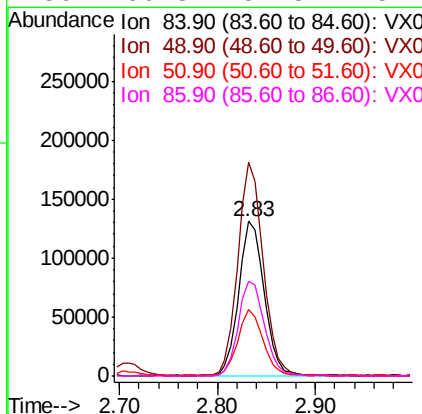
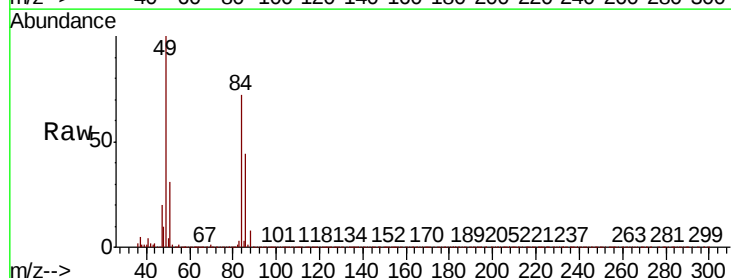
Tot Ion: 73 Resp: 774162
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.9 26.9

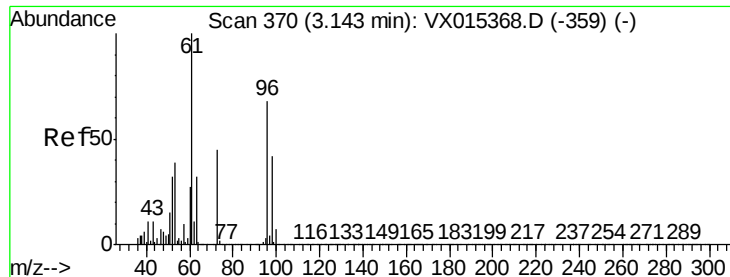


#20

Methylene Chloride
 Concen: 18.436 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. -0.00 min
 Lab File: VX015446.D
 Acq: 31 Mar 2020 12:08

Tgt Ion: 84 Resp: 236012
 Ion Ratio Lower Upper
 84 100
 49 138.0 111.3 166.9
 51 43.0 34.0 51.0
 86 60.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.173 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

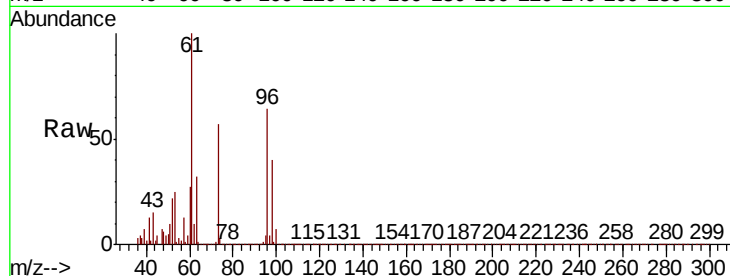
Tot Ion: 96 Resp: 227228

Ion Ratio Lower Upper

96 100

61 157.0 116.9 175.3

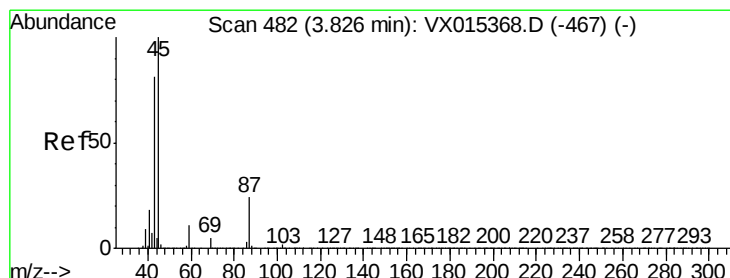
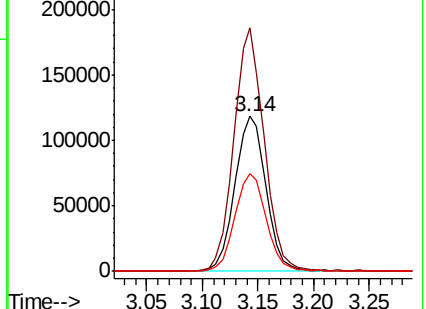
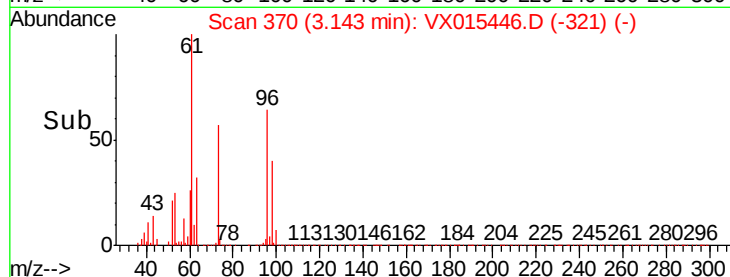
98 63.2 48.6 73.0



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: 19.489 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Tgt Ion: 45 Resp: 861689

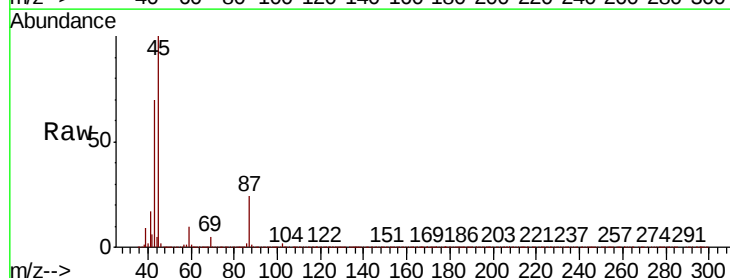
Ion Ratio Lower Upper

45 100

43 69.5 64.7 97.1

87 24.0 19.4 29.0

59 10.0 8.7 13.1

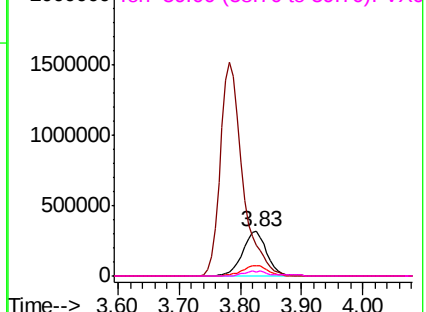
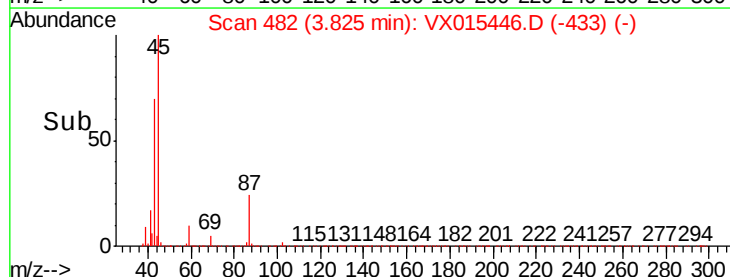


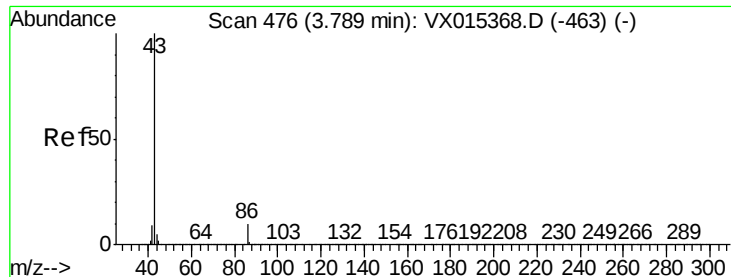
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 96.594 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Instrument :

MSVOA_X

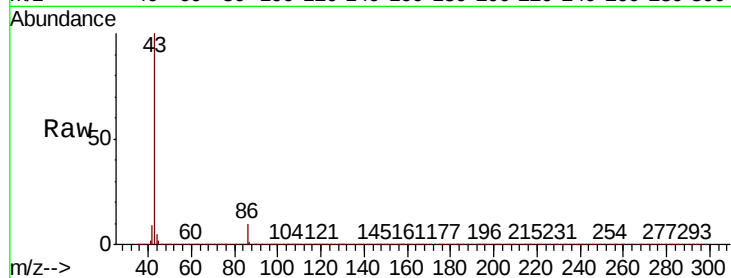
ClientSampleId :

Tot Ion: 43 Resp: 3866800

Ion Ratio Lower Upper

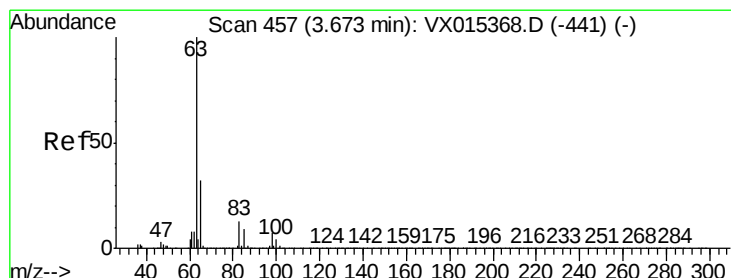
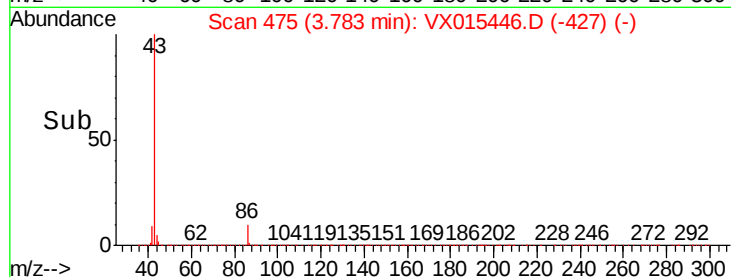
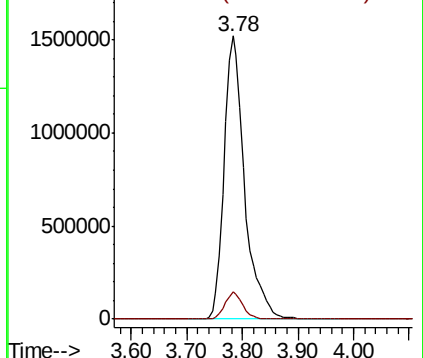
43 100

86 9.7 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.882 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

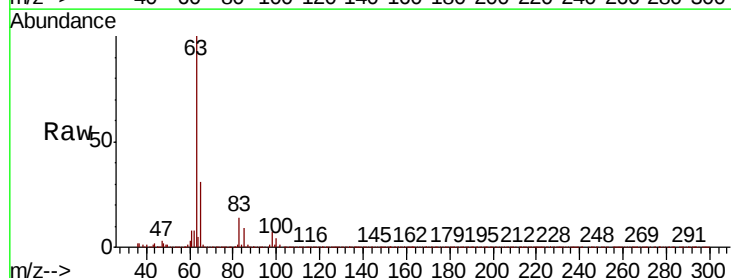
Tgt Ion: 63 Resp: 439549

Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

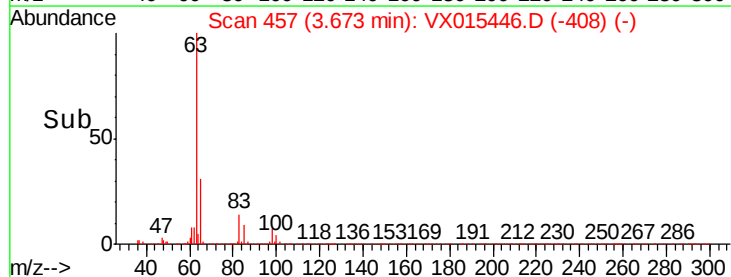
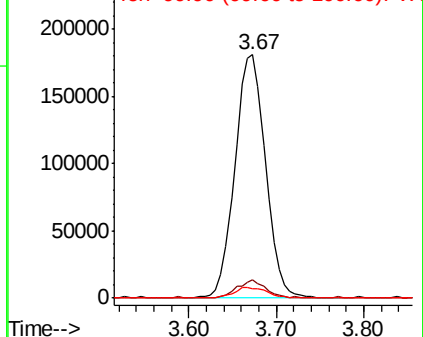
100 3.8 2.1 6.5

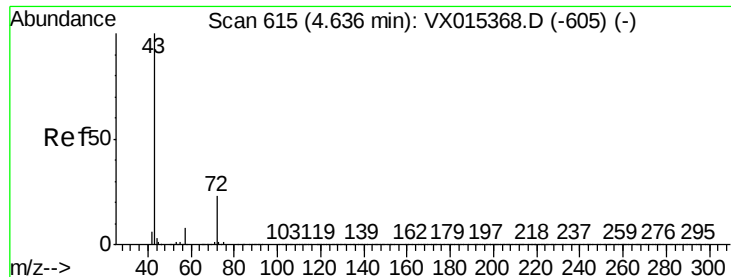


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

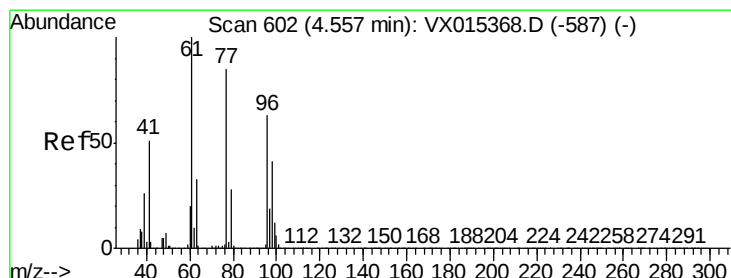
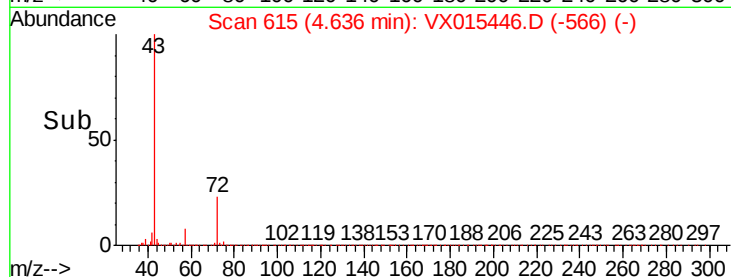
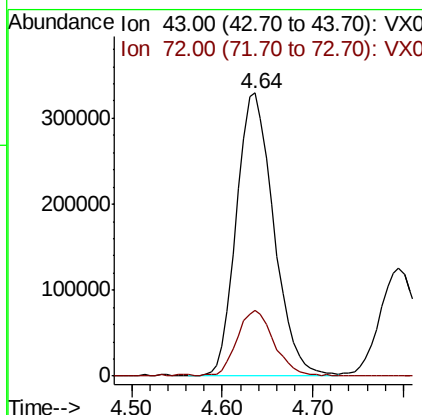
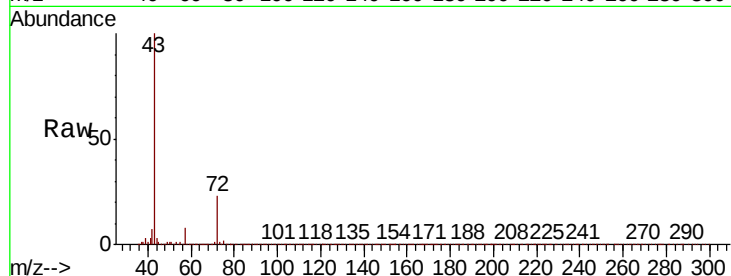




#25
2-Butanone
Concen: 84.607 ug/l
RT: 4.64 min Scan# 615
Delta R.T. -0.00 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

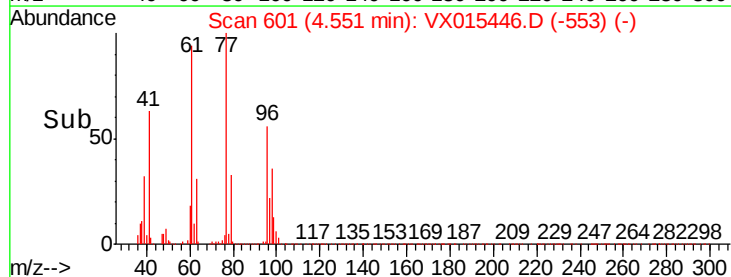
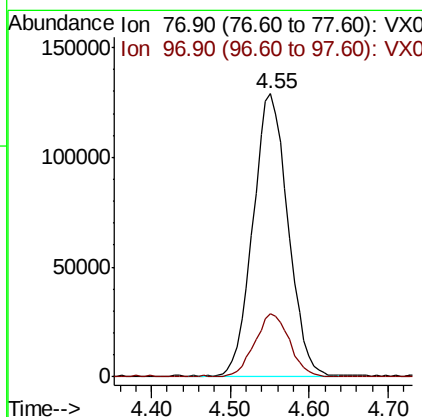
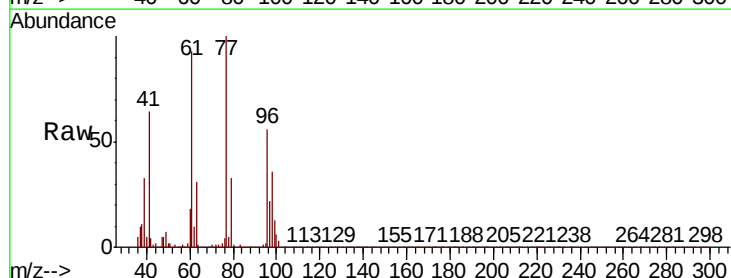
Instrument :
MSVOA_X
ClientSampleId :

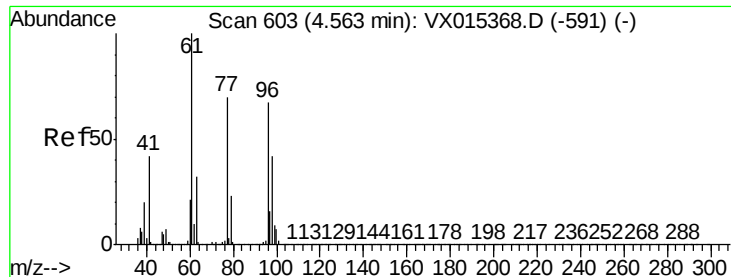
Tot Ion: 43 Resp: 932549
Ion Ratio Lower Upper
43 100
72 23.2 19.0 28.4



#26
2,2-Dichloropropane
Concen: 20.779 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

Tgt Ion: 77 Resp: 397041
Ion Ratio Lower Upper
77 100
97 21.7 11.3 33.8



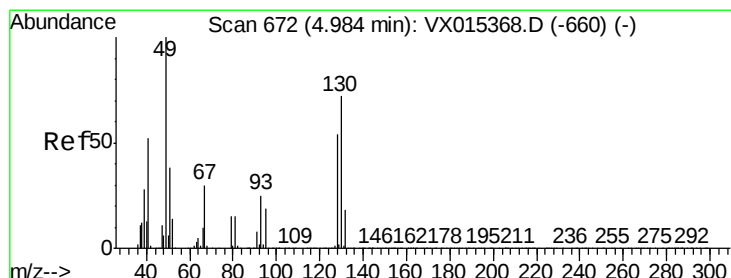
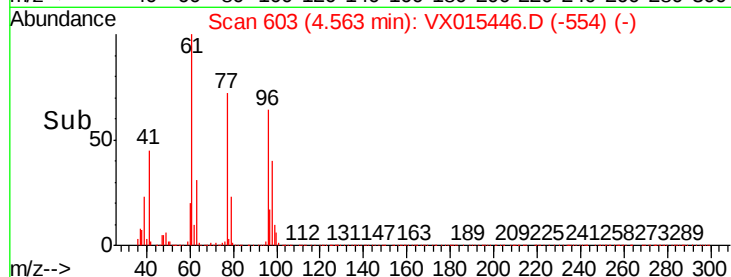
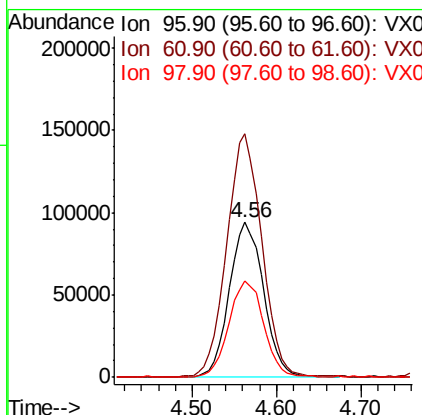
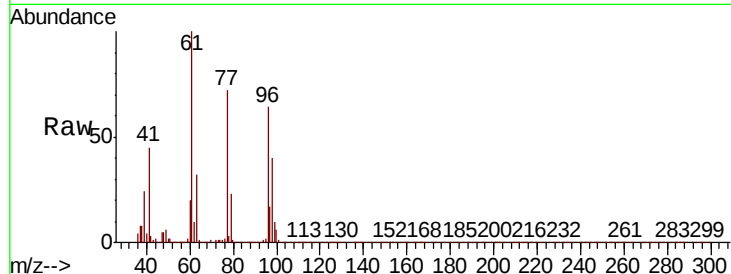


#27

cis-1,2-Dichloroethene
Concen: 18.842 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

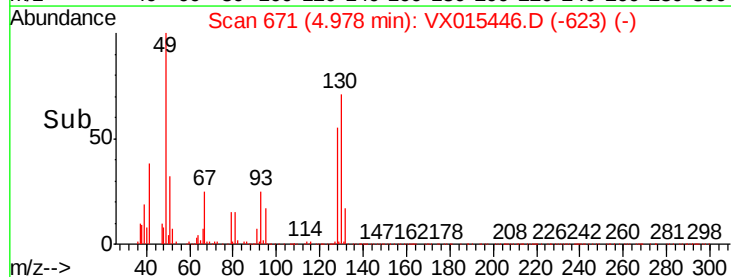
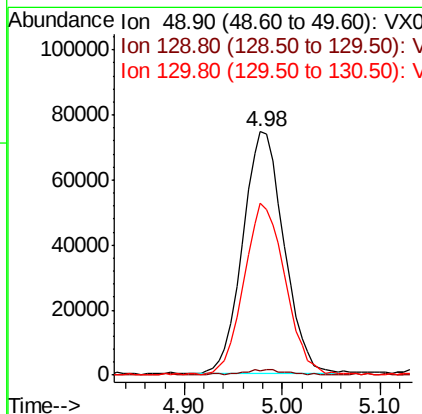
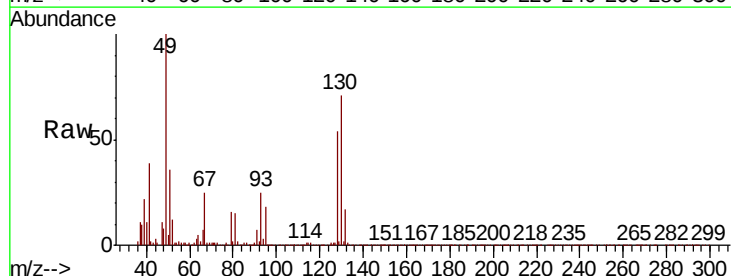
Tot Ion	Ratio	Lower	Upper
96	100		
61	162.0	0.0	308.4
98	63.0	0.0	129.2

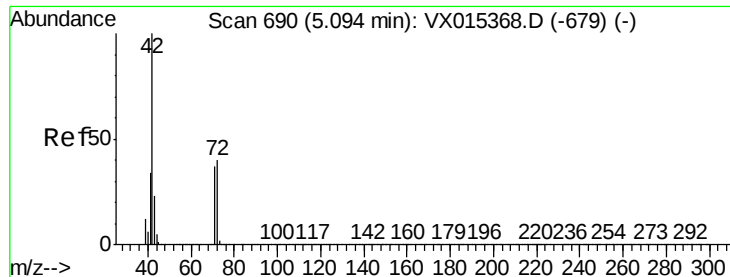


#28

Bromochloromethane
Concen: 19.577 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	69.9	57.7	86.5





#29

Tetrahydrofuran

Concen: 84.747 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Instrument :

MSVOA_X

ClientSampled :

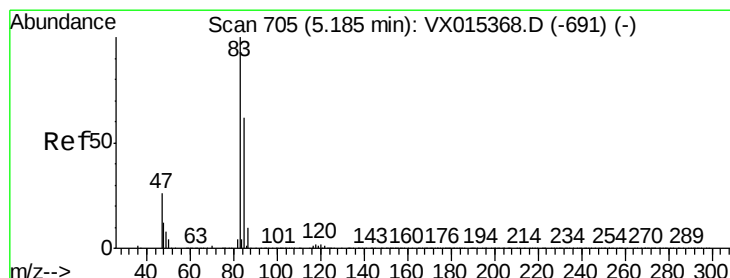
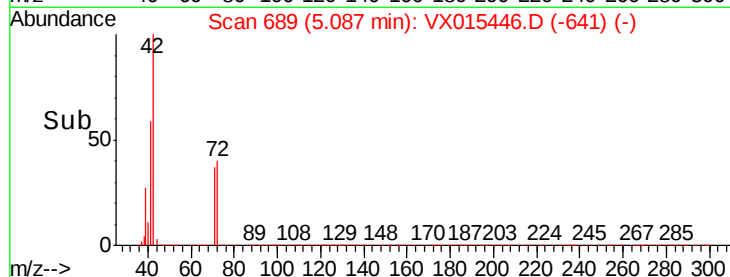
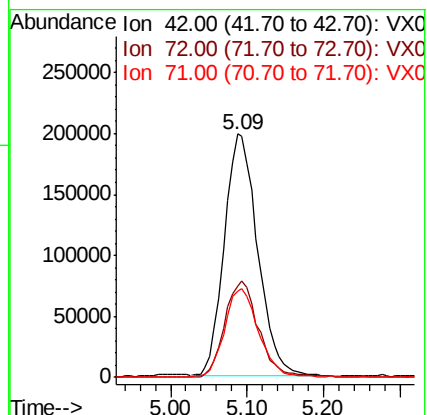
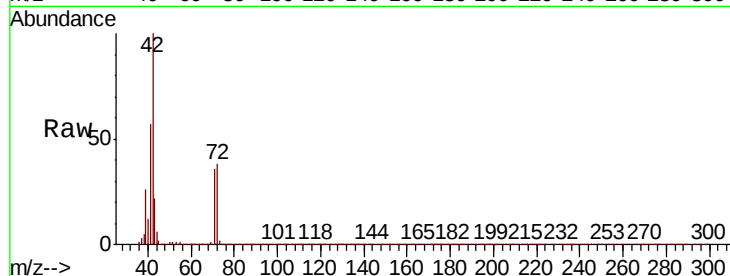
Tot Ion: 42 Resp: 600503

Ion Ratio Lower Upper

42 100

72 39.9 31.7 47.5

71 36.3 29.6 44.4



#30

Chloroform

Concen: 18.915 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015446.D

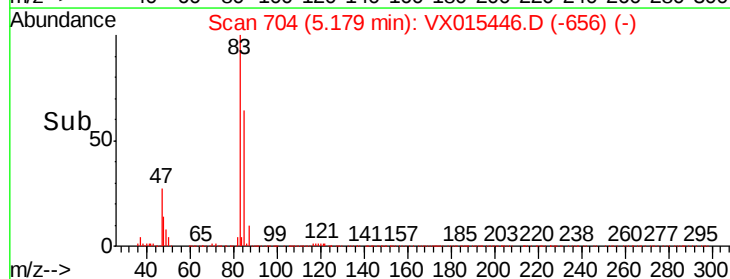
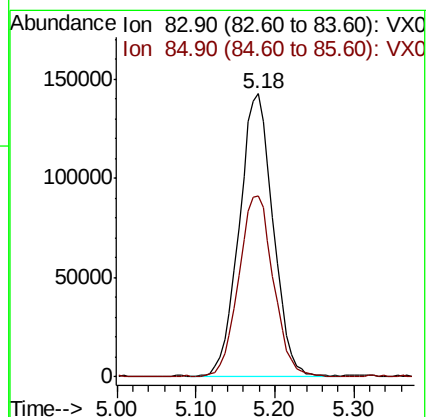
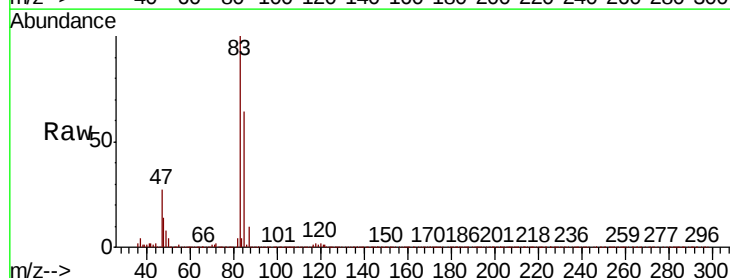
Acq: 31 Mar 2020 12:08

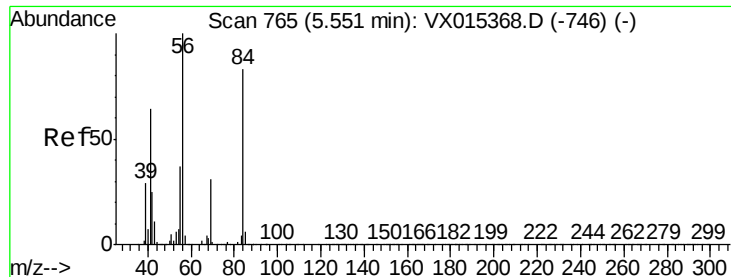
Tgt Ion: 83 Resp: 423628

Ion Ratio Lower Upper

83 100

85 63.8 49.5 74.3

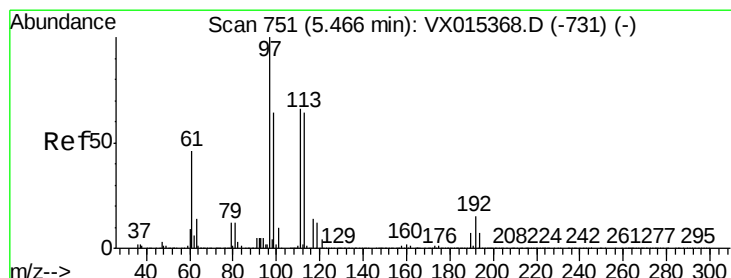
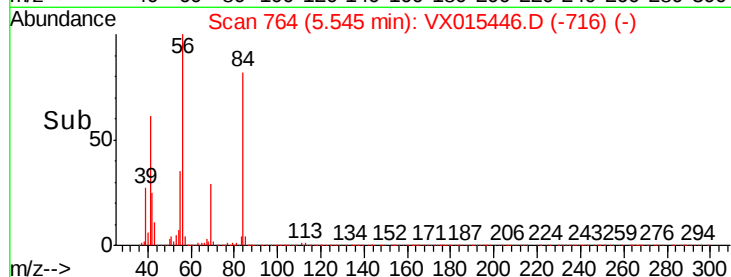
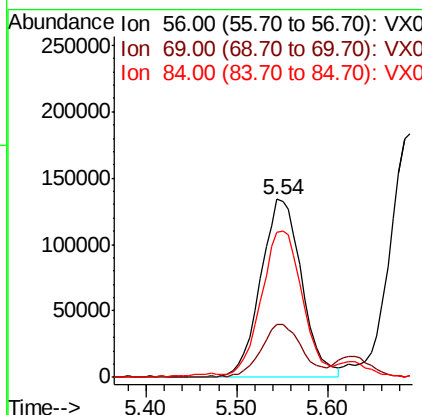
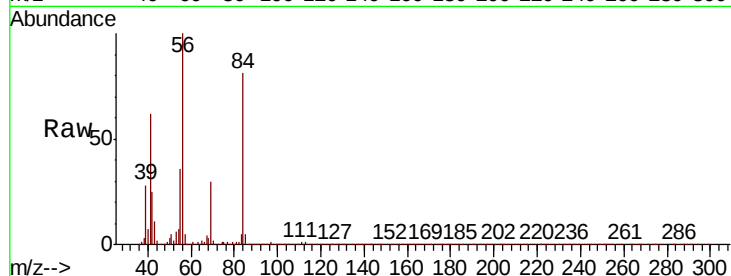




#31
Cyclohexane
Concen: 20.629 ug/l
RT: 5.54 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

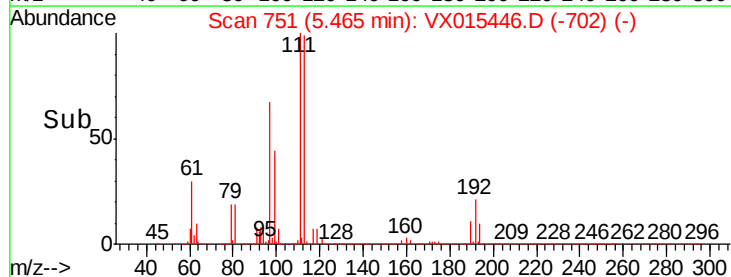
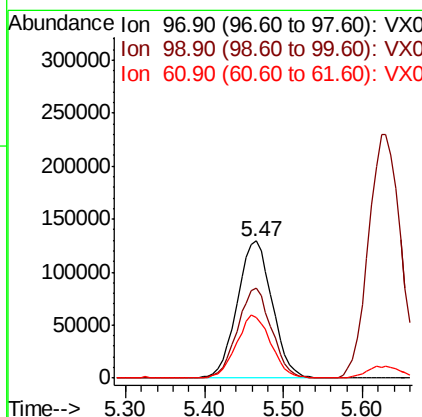
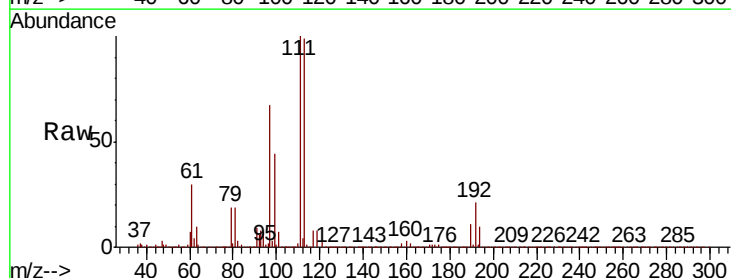
Instrument :
MSVOA_X
ClientSampleId :

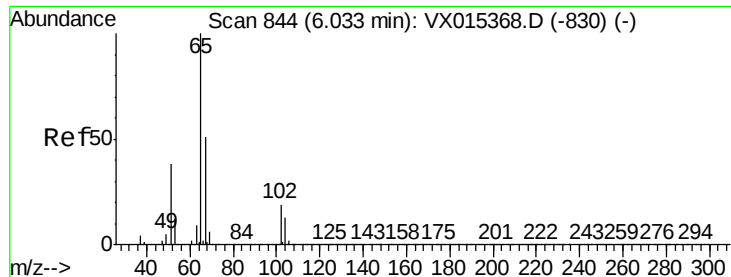
Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.6	36.8
84	80.5	66.1	99.1



#32
1,1,1-Trichloroethane
Concen: 19.591 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.4
61	44.9	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 46.522 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Instrument :

MSVOA_X

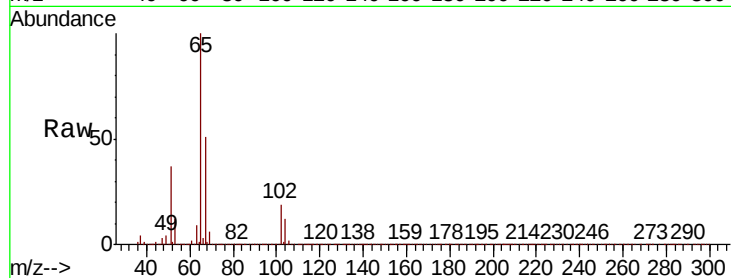
ClientSampleId :

Tot Ion: 65 Resp: 742152

Ion Ratio Lower Upper

65 100

67 50.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

300000

200000

100000

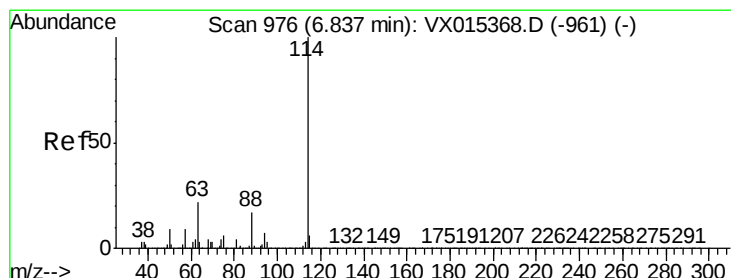
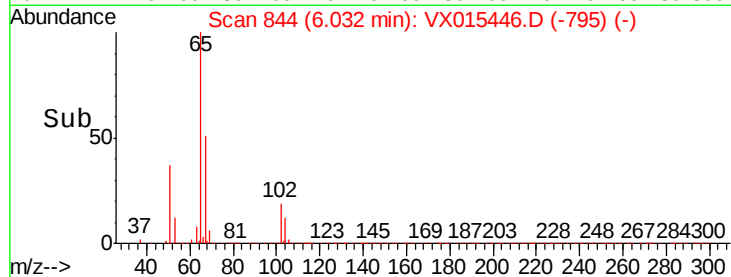
0

Time-->

5.90

6.00

6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

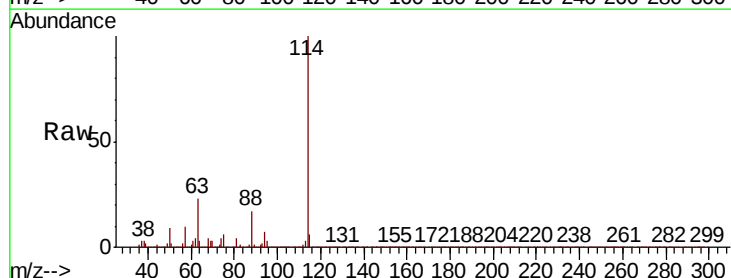
Tgt Ion: 114 Resp: 1791552

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.2

88 16.5 0.0 33.8



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

1000000

800000

600000

400000

200000

0

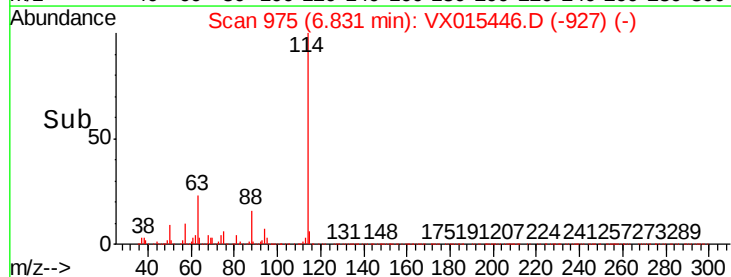
Time-->

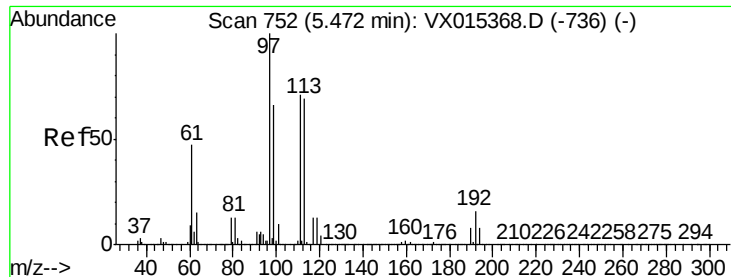
6.70

6.80

6.90

7.00

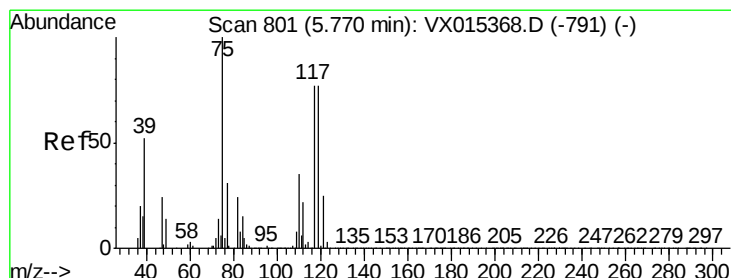
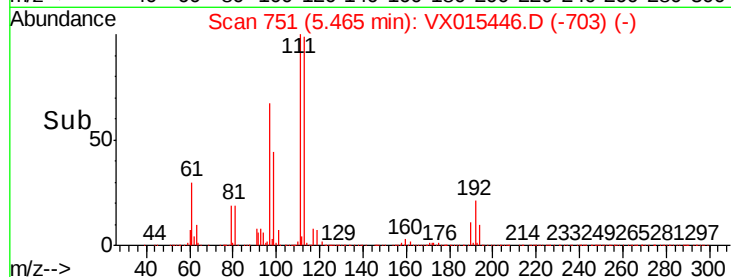
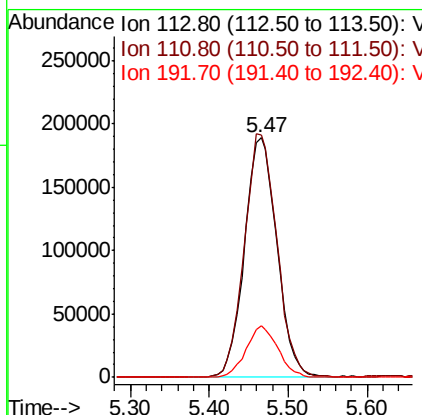
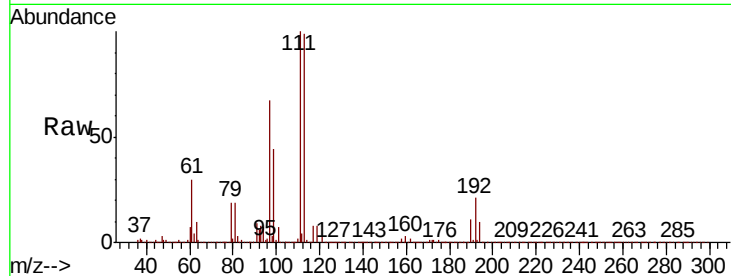




#35
 Dibromofluoromethane
 Concen: 47.130 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015446.D
 Acq: 31 Mar 2020 12:08

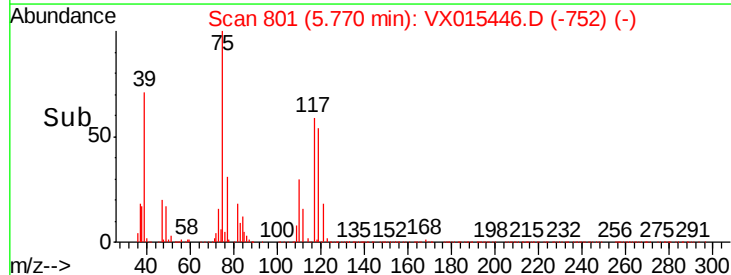
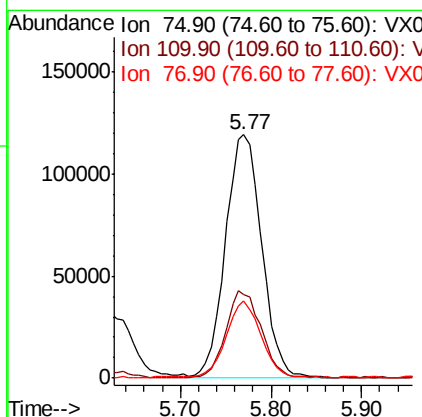
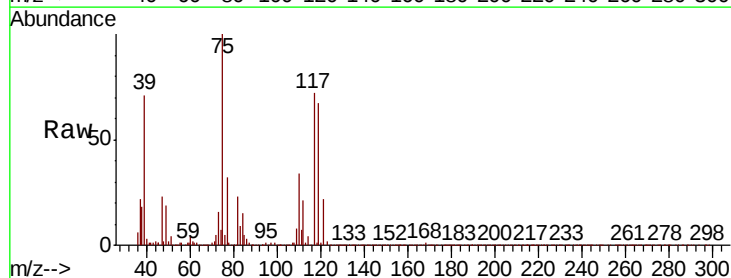
Instrument :
 MSVOA_X
 ClientSampled :

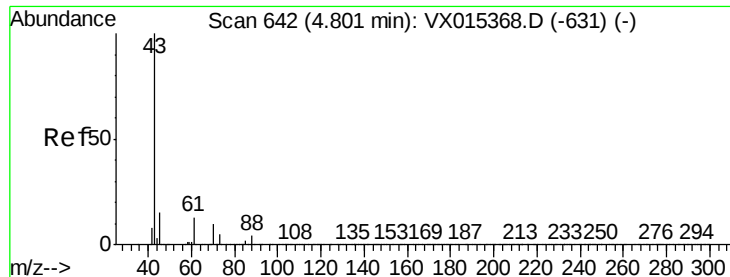
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.5	122.3
192	21.2	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 19.869 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX015446.D
 Acq: 31 Mar 2020 12:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.1	51.3
77	30.0	24.6	36.8

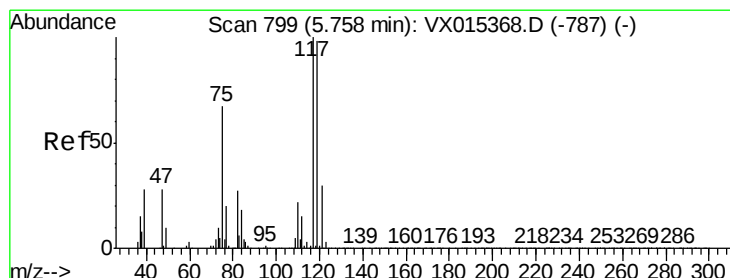
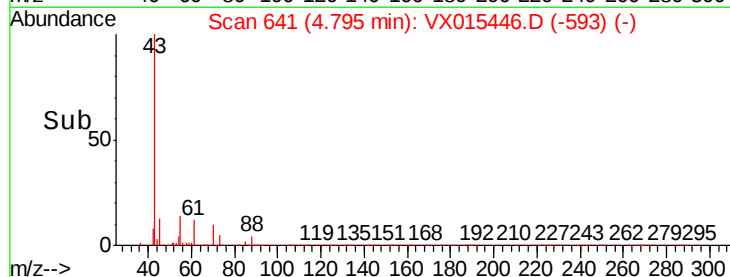
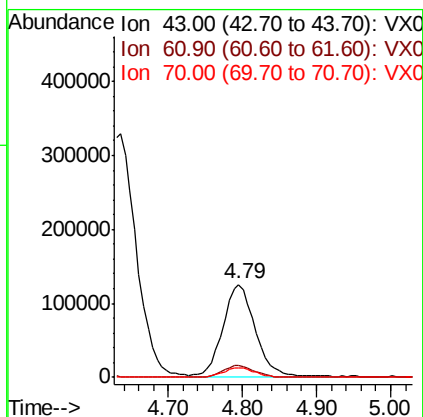
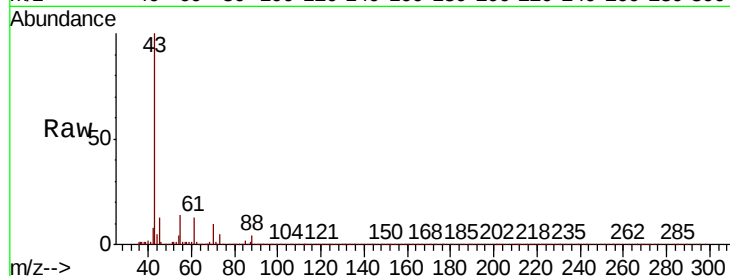




#37
Ethyl Acetate
Concen: 17.438 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

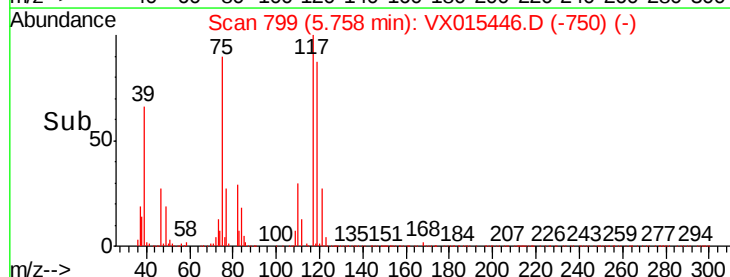
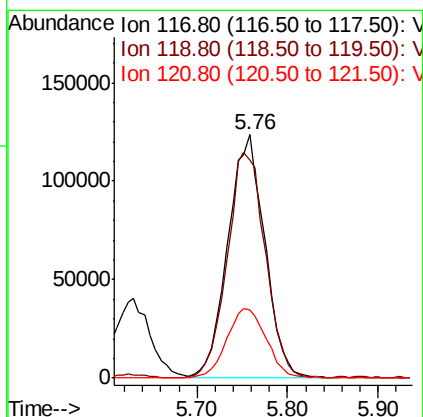
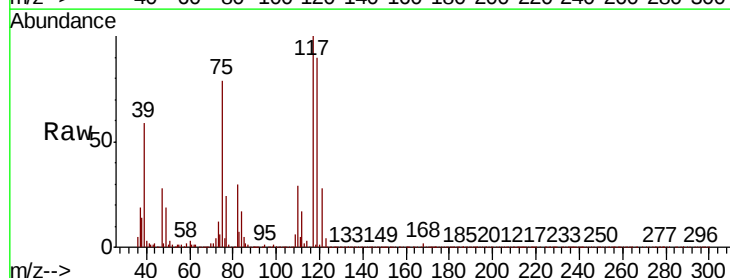
Instrument :
MSVOA_X
ClientSampled :

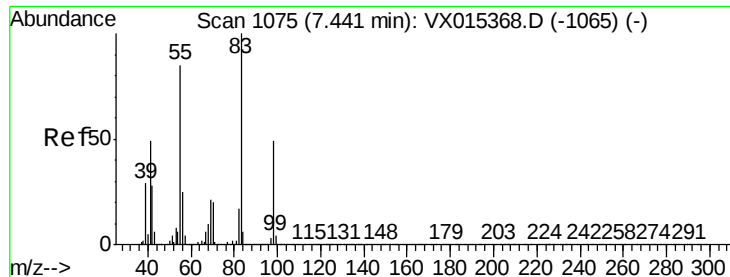
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.9	14.9
70	9.7	8.1	12.1



#38
Carbon Tetrachloride
Concen: 19.426 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.3	78.0	117.0
121	28.0	23.8	35.8

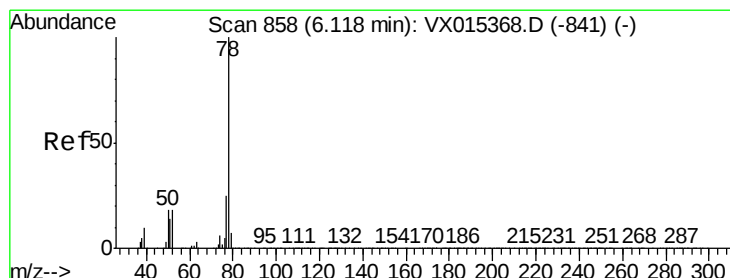
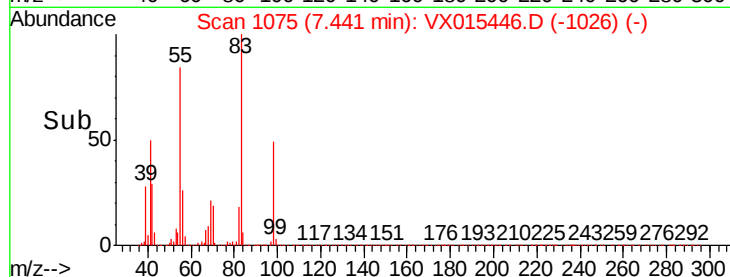
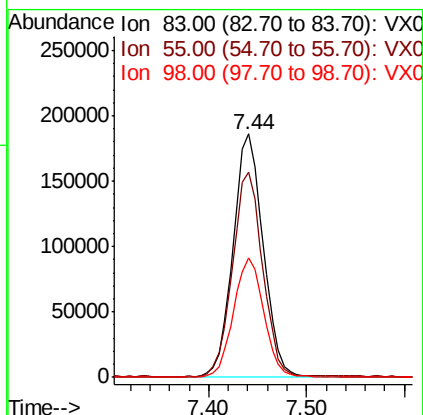
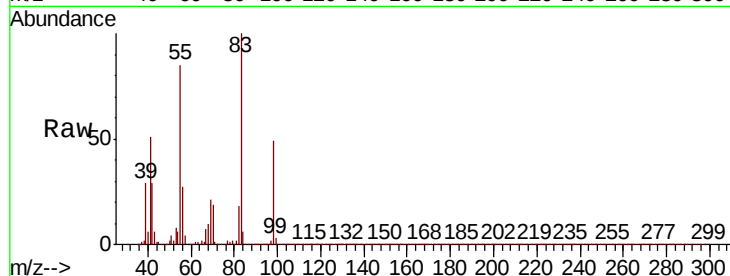




#39
Methvlcvclohexane
Concen: 20.826 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

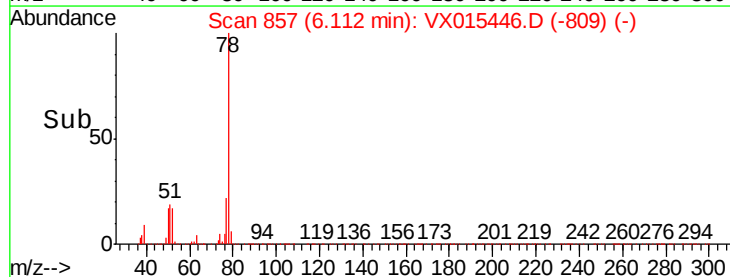
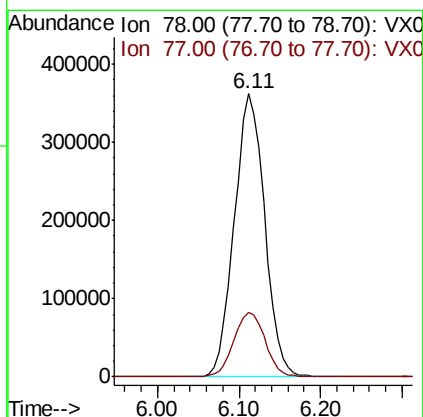
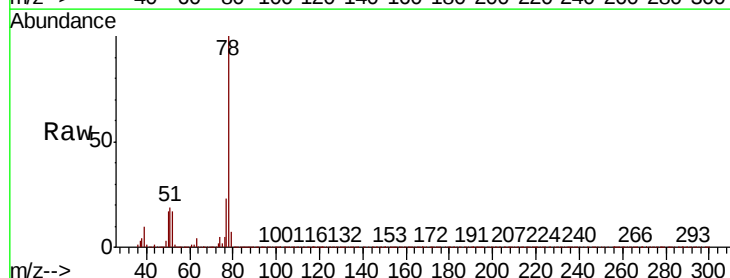
Instrument :
MSVOA_X
ClientSampleId :

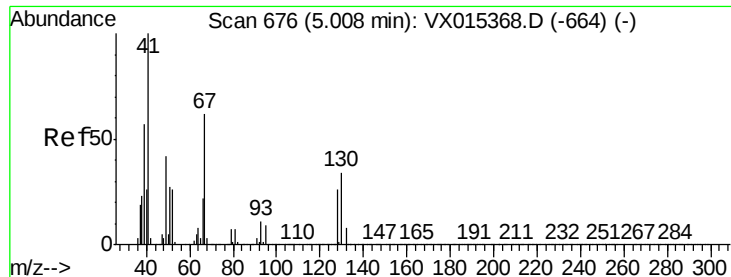
Tot Ion	Ratio	Lower	Upper
83	100		
55	84.2	67.8	101.6
98	48.8	39.3	58.9



#40
Benzene
Concen: 19.258 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.8	29.8

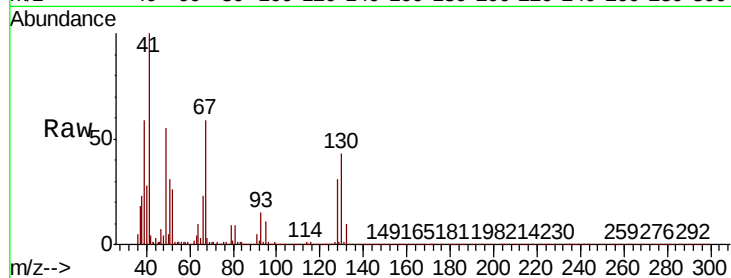




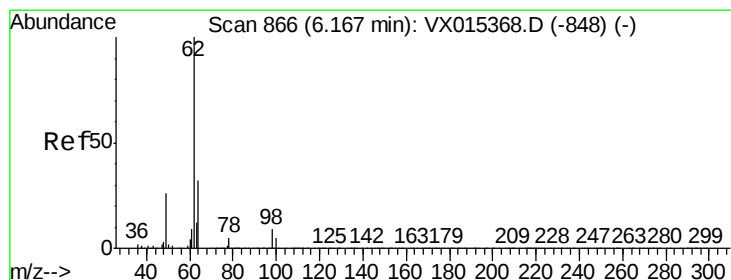
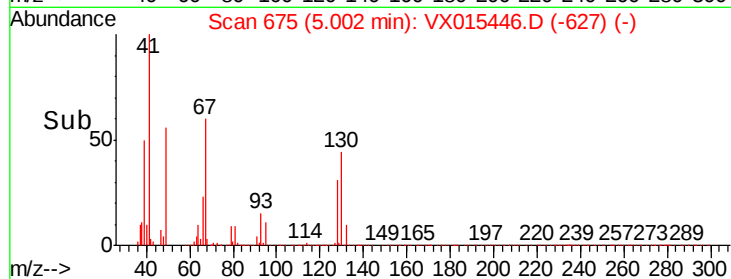
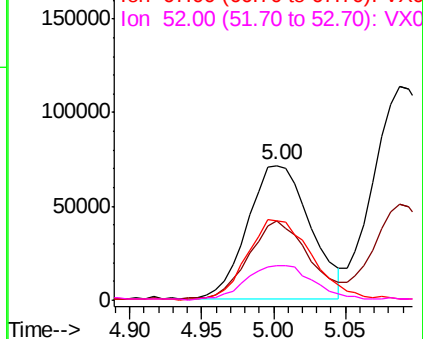
#41
Methacrylonitrile
Concen: 18.032 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	215149
Ion	Ratio	Lower	Upper
41	100		
39	55.2	44.5	66.7
67	61.8	48.9	73.3
52	28.8	21.8	32.6

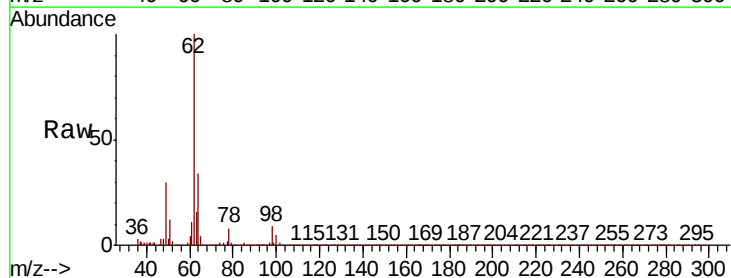


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

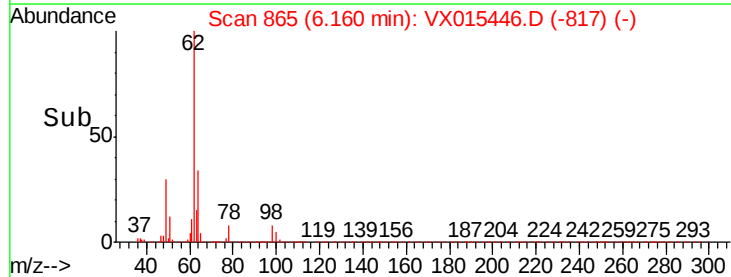
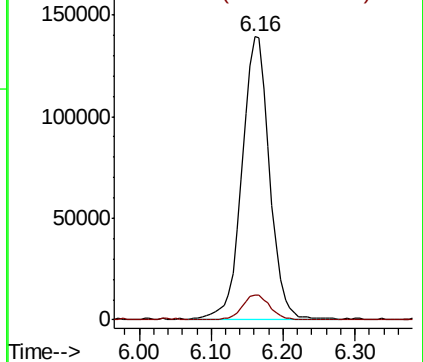


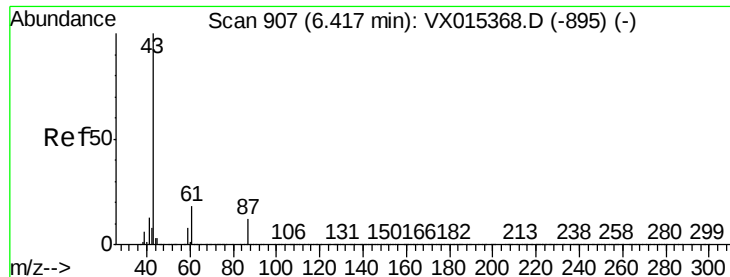
#42
1,2-Dichloroethane
Concen: 18.894 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

Tgt Ion:	62	Resp:	366980
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



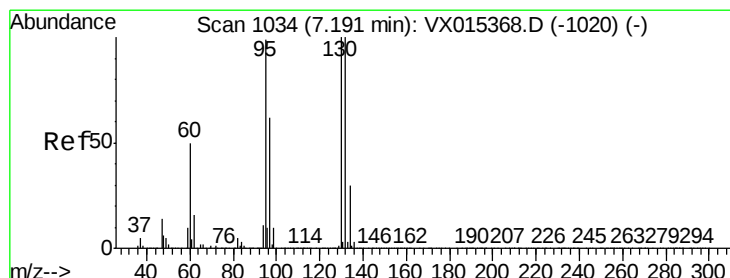
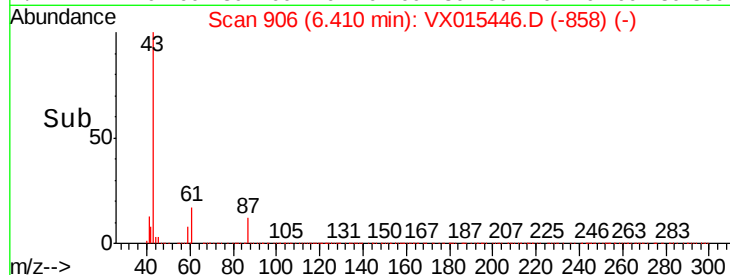
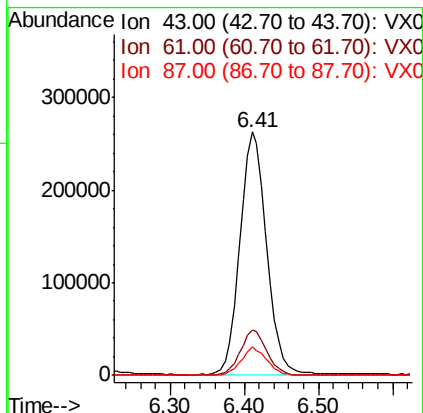
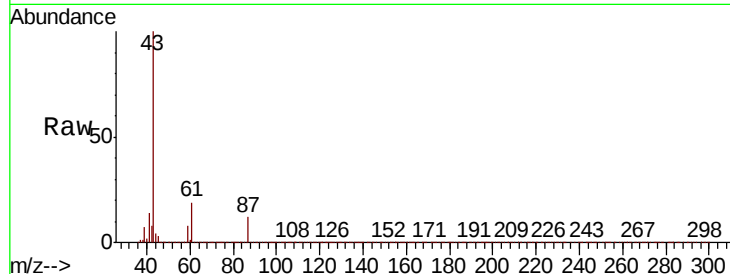


#43

Isopropyl Acetate
 Concen: 18.071 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015446.D
 Acq: 31 Mar 2020 12:08

Instrument :
 MSVOA_X
 ClientSampleId :

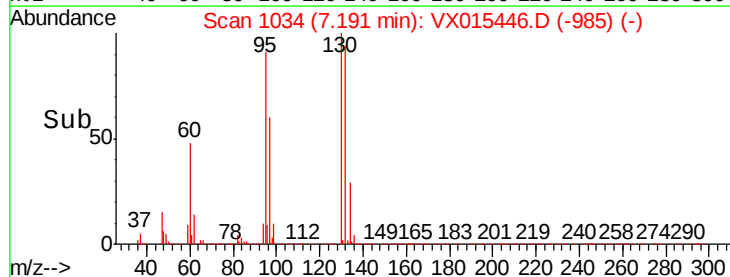
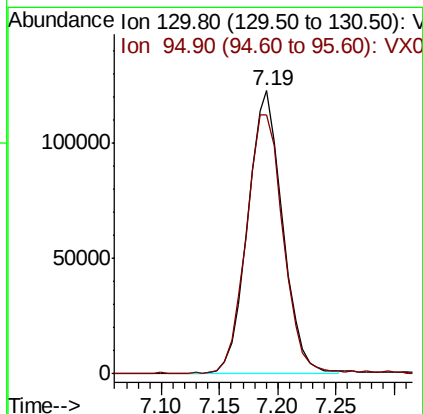
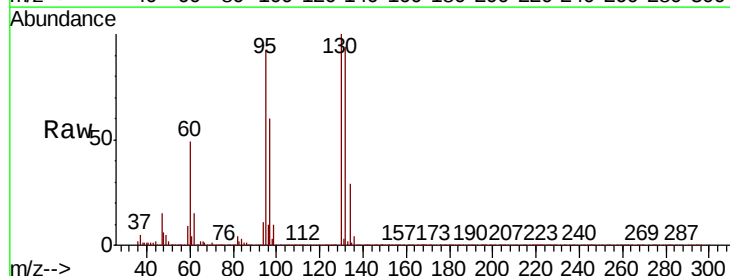
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.8	22.2
87	11.0	9.4	14.0

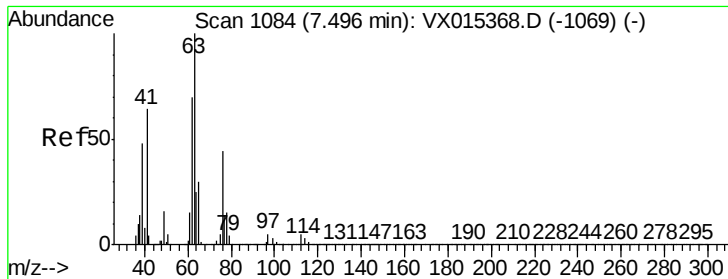


#44

Trichloroethene
 Concen: 19.314 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015446.D
 Acq: 31 Mar 2020 12:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	199.0

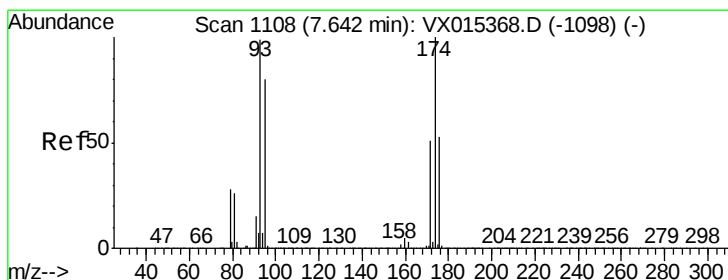
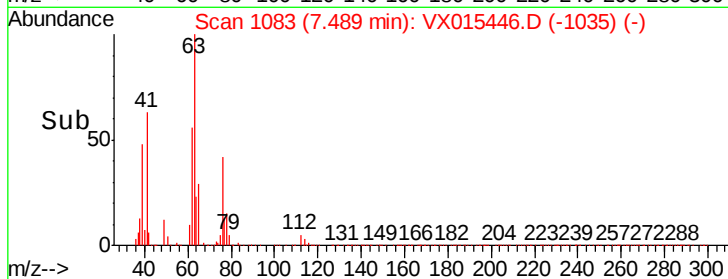
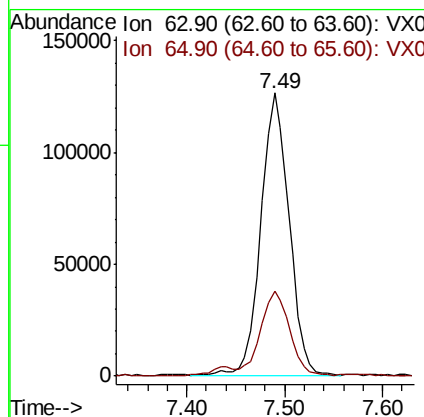
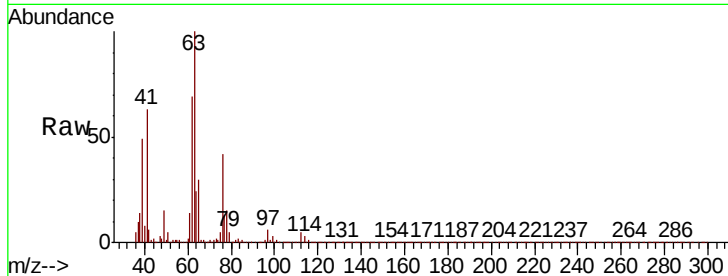




#45
 1,2-Dichloropropane
 Concen: 19.028 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015446.D
 Acq: 31 Mar 2020 12:08

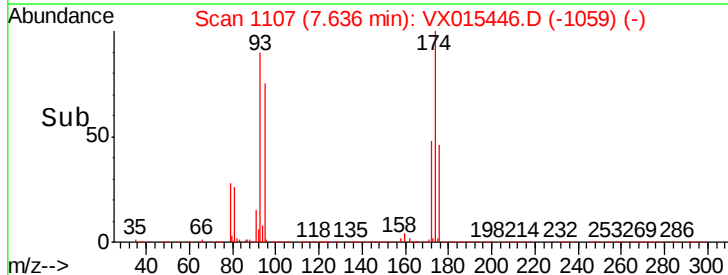
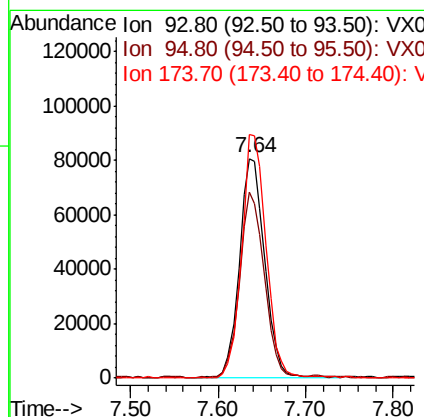
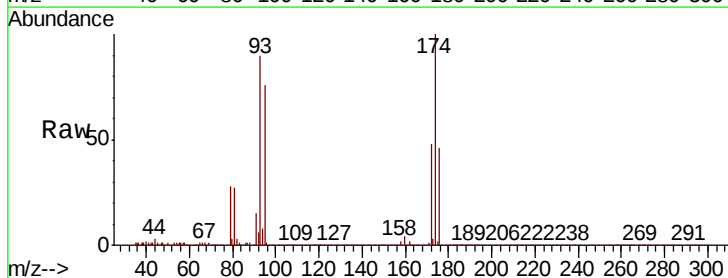
Instrument :
 MSVOA_X
 ClientSampled :

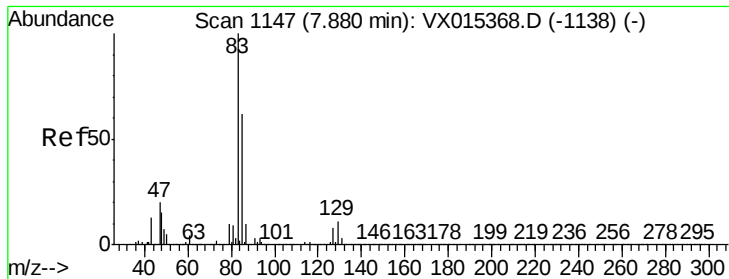
Tot Ion: 63 Resp: 251701
 Ion Ratio Lower Upper
 63 100
 65 29.8 23.9 35.9



#46
 Dibromomethane
 Concen: 18.643 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015446.D
 Acq: 31 Mar 2020 12:08

Tgt Ion: 93 Resp: 161769
 Ion Ratio Lower Upper
 93 100
 95 81.7 65.8 98.8
 174 107.6 86.2 129.2





#47

Bromodichloromethane

Concen: 19.183 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Instrument :
MSVOA_X
ClientSampled :

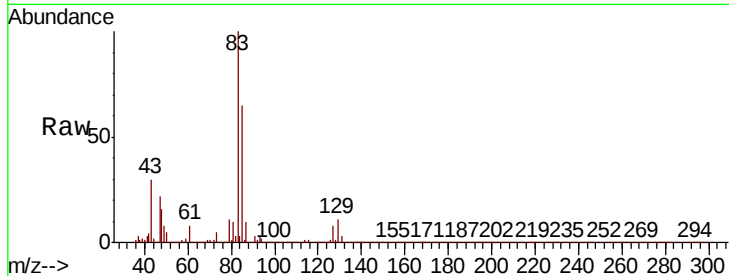
Tot Ion: 83 Resp: 354676

Ion Ratio Lower Upper

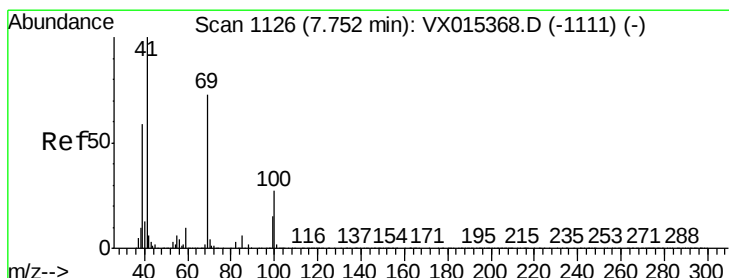
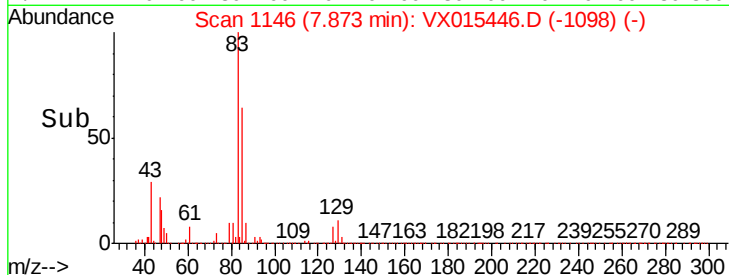
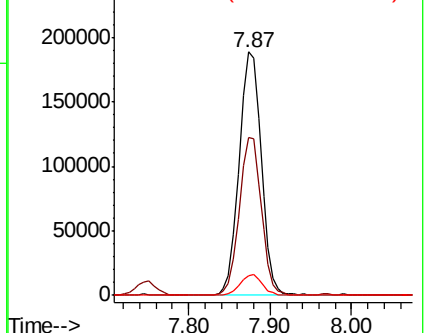
83 100

85 64.3 49.7 74.5

127 7.9 6.7 10.1



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: 17.788 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

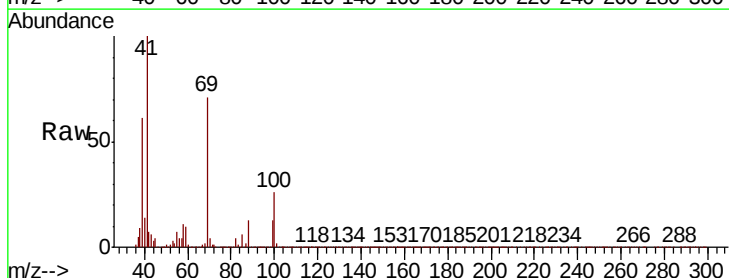
Tgt Ion: 41 Resp: 322381

Ion Ratio Lower Upper

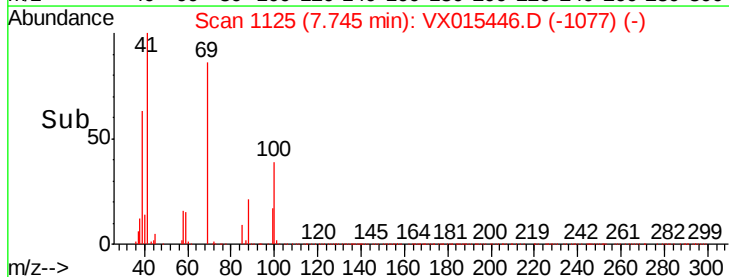
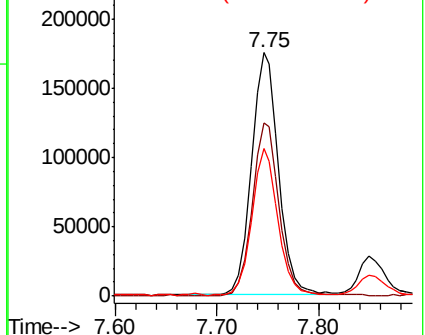
41 100

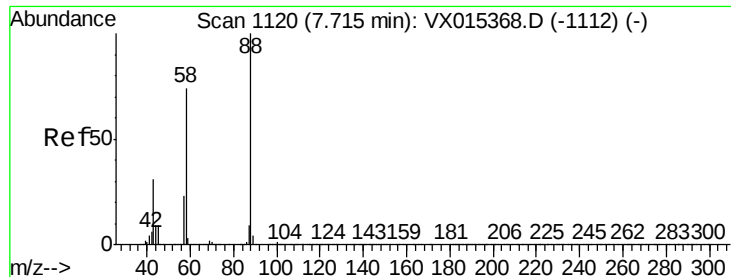
69 71.3 56.7 85.1

39 58.3 46.5 69.7



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: 355.791 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. 0.01 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

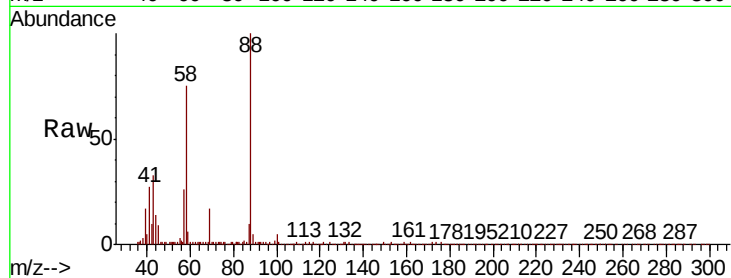
Tot Ion: 88 Resp: 120288

Ion Ratio Lower Upper

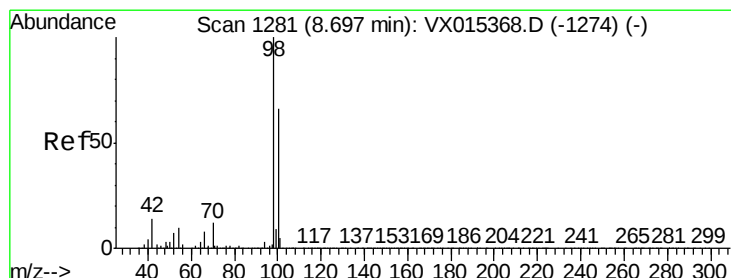
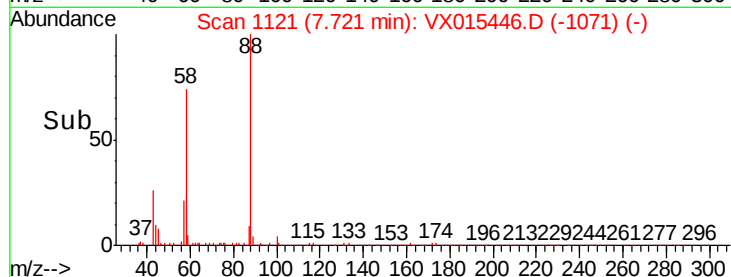
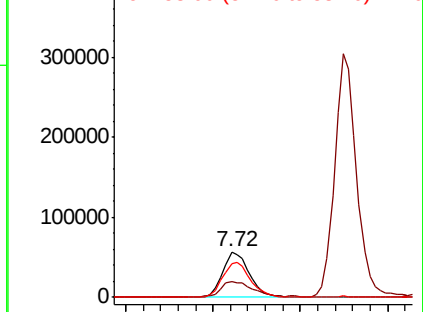
88 100

43 38.6 30.1 45.1

58 81.4 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.482 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015446.D

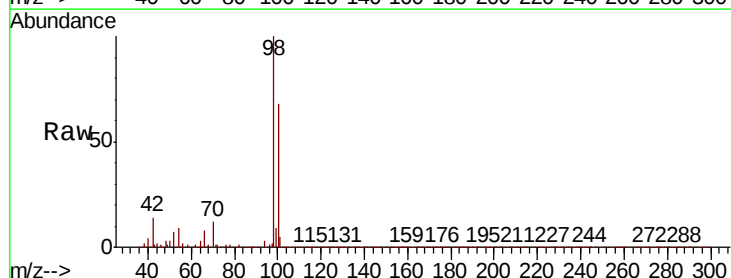
Acq: 31 Mar 2020 12:08

Tgt Ion: 98 Resp: 2002020

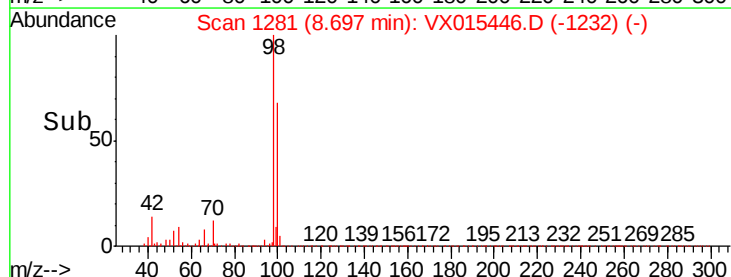
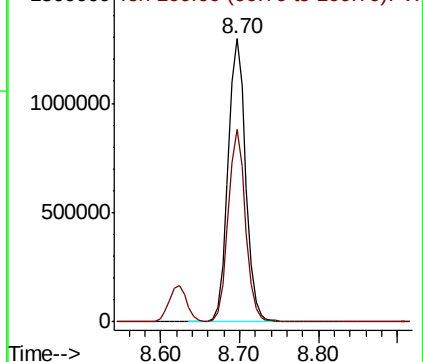
Ion Ratio Lower Upper

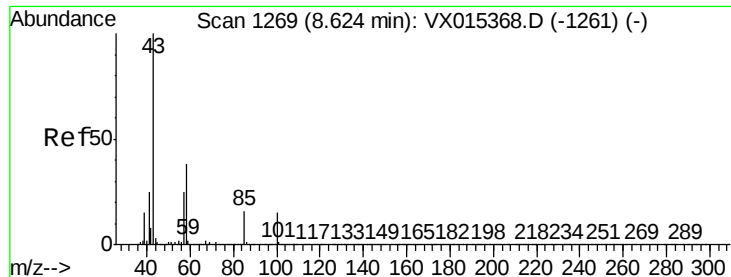
98 100

100 66.6 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

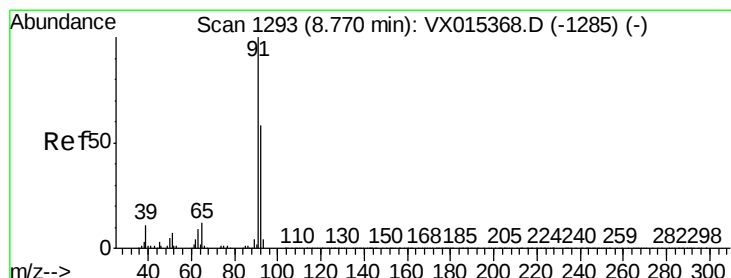
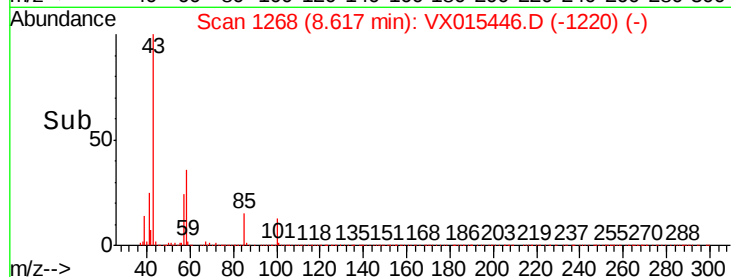
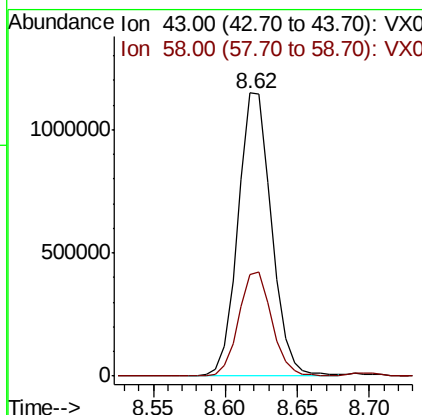
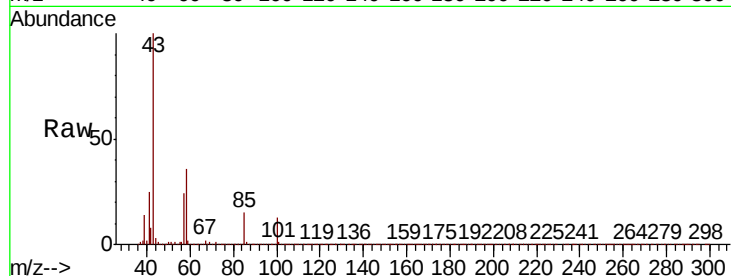




#51
4-Methyl-2-Pentanone
Concen: 89.934 ug/l
RT: 8.62 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

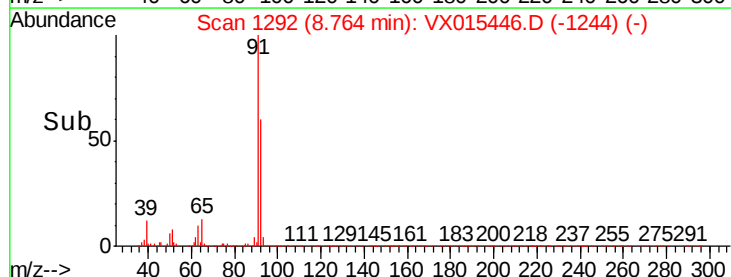
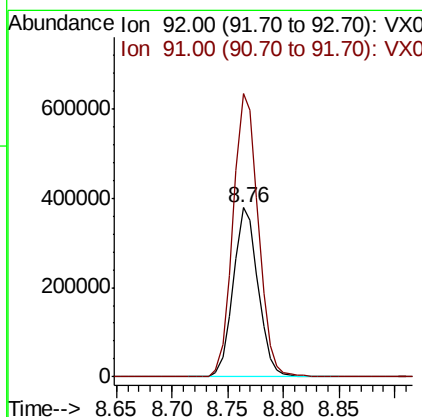
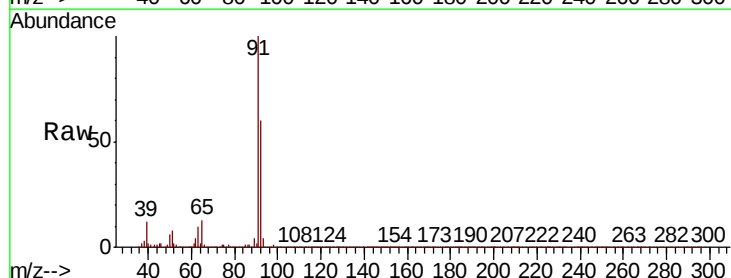
Instrument :
MSVOA_X
ClientSampled :

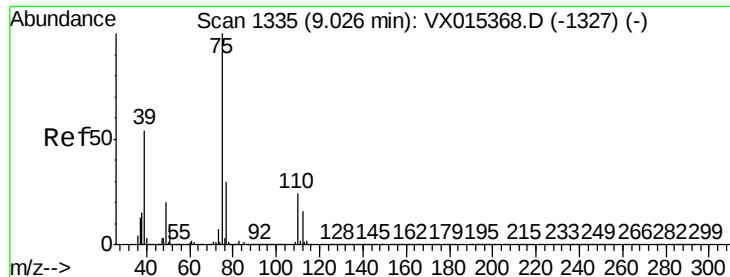
Tot Ion: 43 Resp: 1849267
Ion Ratio Lower Upper
43 100
58 36.5 29.7 44.5



#52
Toluene
Concen: 19.562 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

Tgt Ion: 92 Resp: 583165
Ion Ratio Lower Upper
92 100
91 170.8 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 18.391 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Instrument :

MSVOA_X

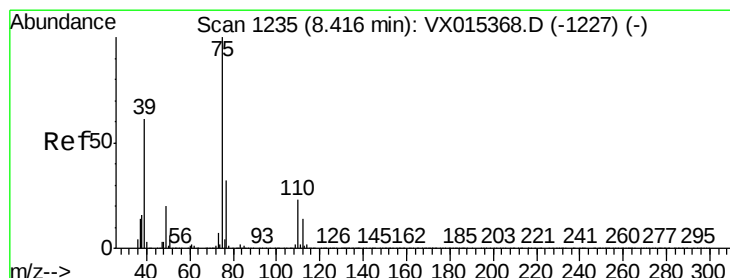
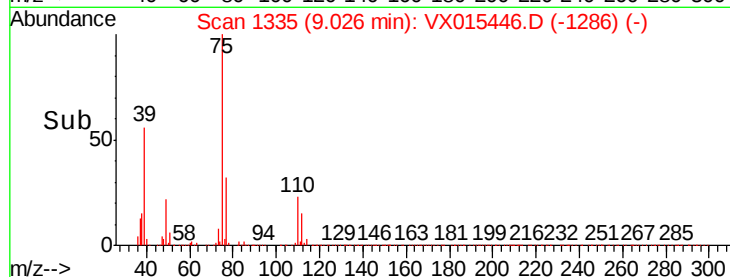
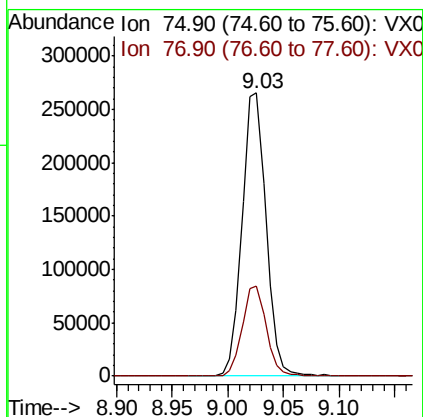
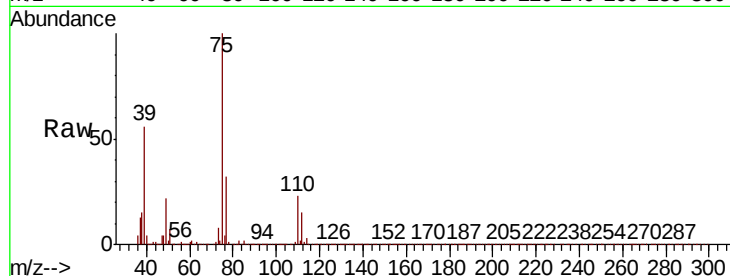
ClientSampled :

Tot Ion: 75 Resp: 398800

Ion Ratio Lower Upper

75 100

77 31.8 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 19.022 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

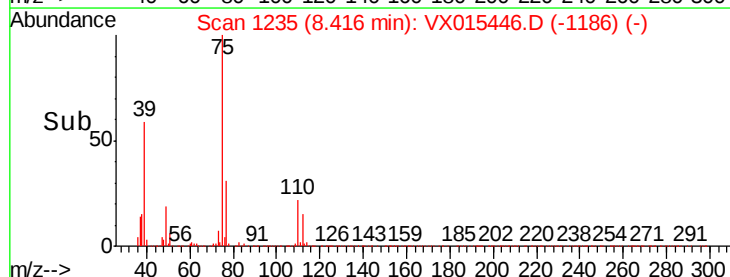
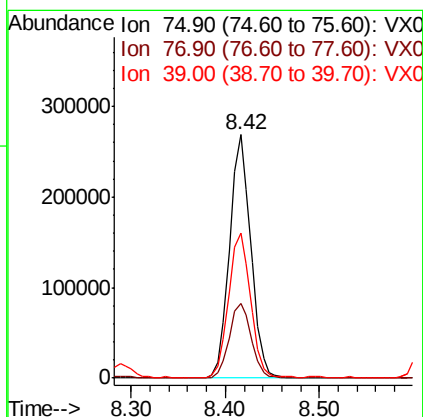
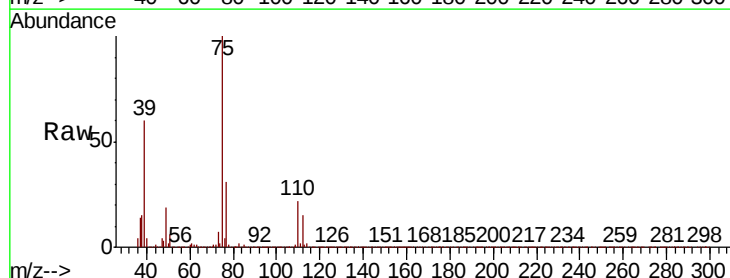
Tgt Ion: 75 Resp: 420181

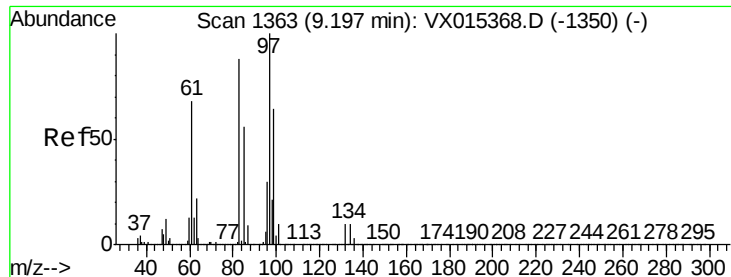
Ion Ratio Lower Upper

75 100

77 30.5 25.8 38.6

39 59.5 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 19.017 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

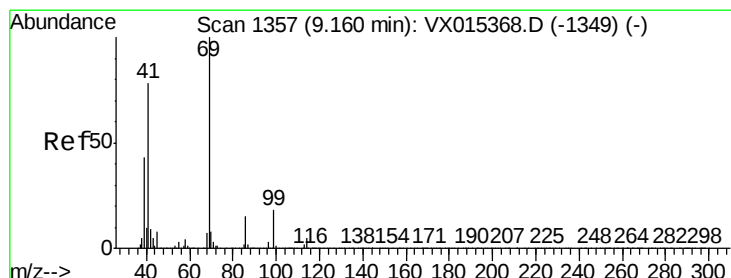
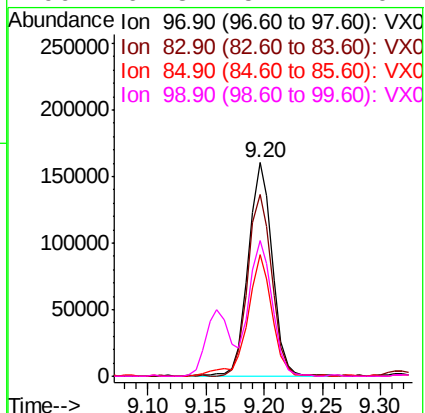
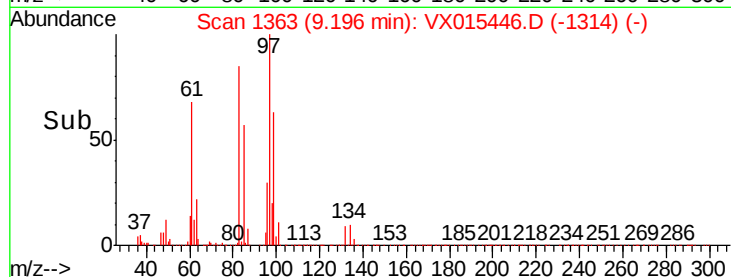
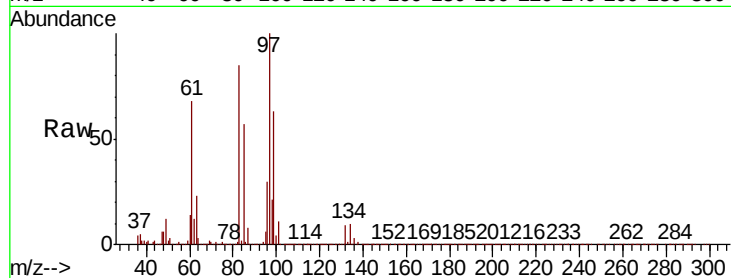
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 232270

Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.2	105.4
85	56.6	44.7	67.1
99	62.8	51.1	76.7



#56

Ethyl methacrylate

Concen: 17.921 ug/l

RT: 9.16 min Scan# 1357

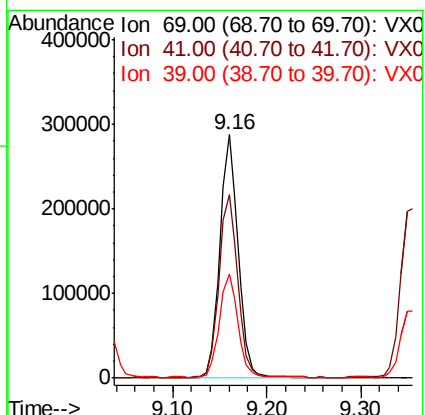
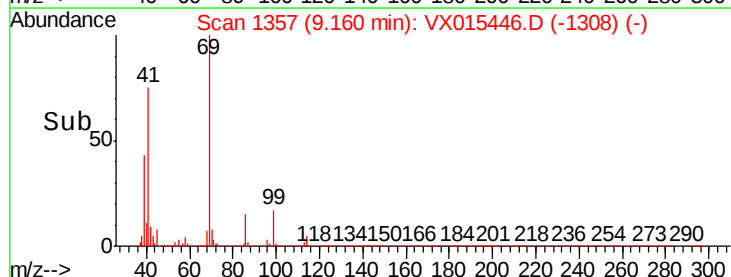
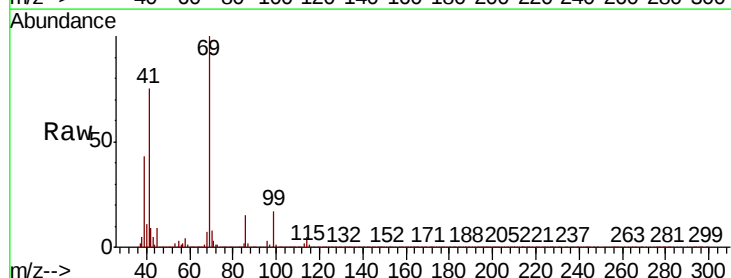
Delta R.T. -0.00 min

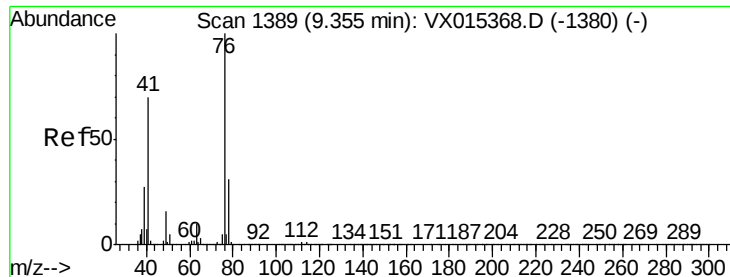
Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Tgt Ion: 69 Resp: 385761

Ion	Ratio	Lower	Upper
69	100		
41	77.1	61.6	92.4
39	44.0	34.0	51.0





#57

1,3-Dichloropropane

Concen: 18.528 ug/l

RT: 9.35 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Instrument :

MSVOA_X

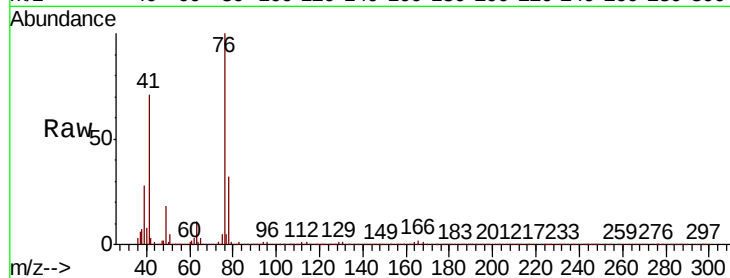
ClientSampleId :

Tot Ion: 76 Resp: 407714

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

300000

250000

200000

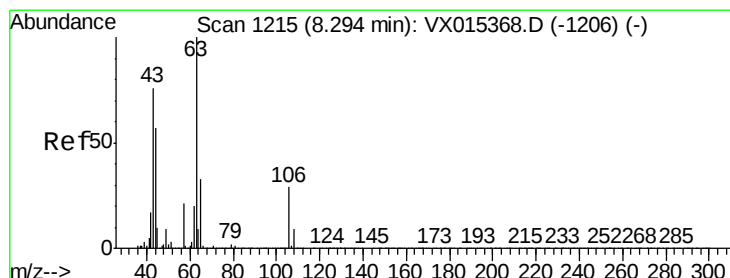
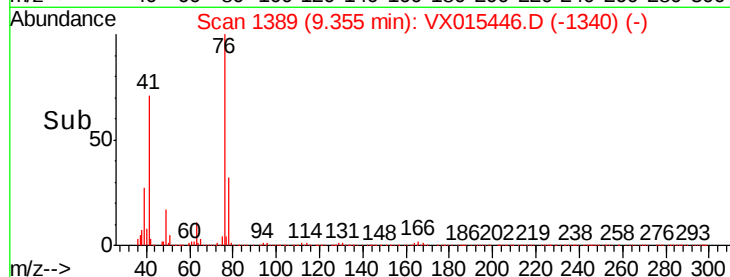
150000

100000

50000

0

Time--> 9.25 9.30 9.35 9.40



#58

2-Chloroethyl Vinyl ether

Concen: 91.419 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015446.D

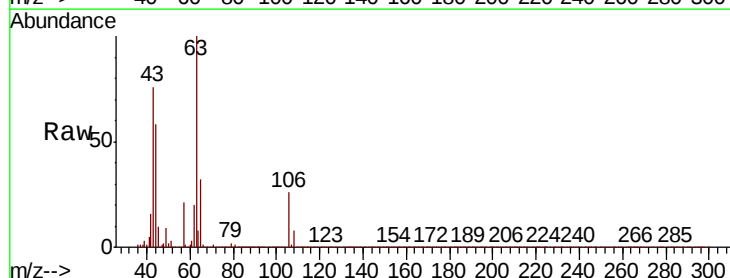
Acq: 31 Mar 2020 12:08

Tgt Ion: 63 Resp: 957164

Ion Ratio Lower Upper

63 100

106 27.2 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

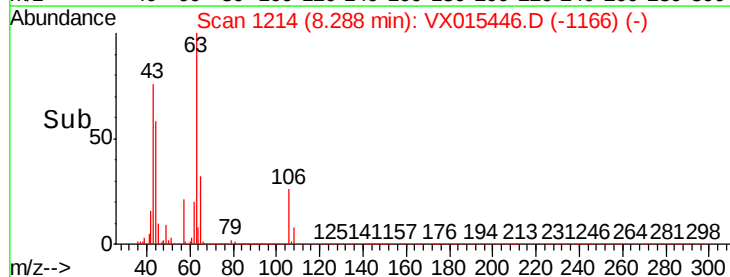
600000

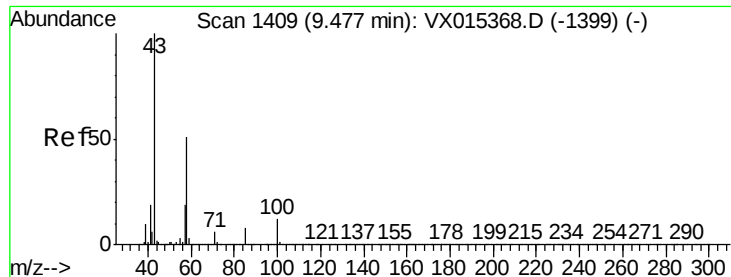
400000

200000

0

Time--> 8.20 8.25 8.30 8.35 8.40

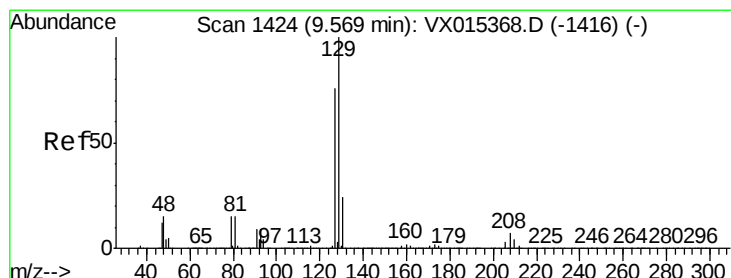
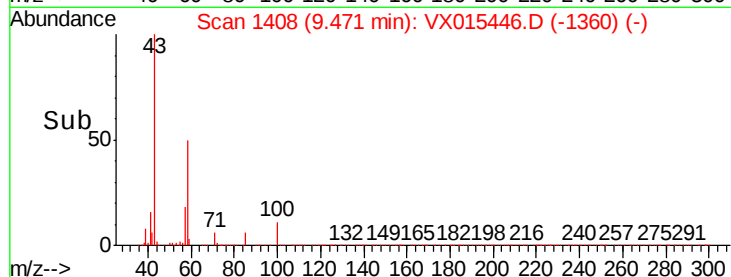
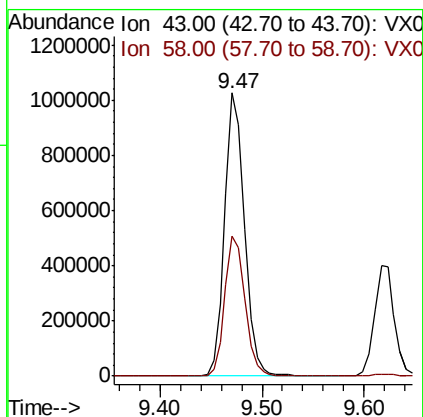
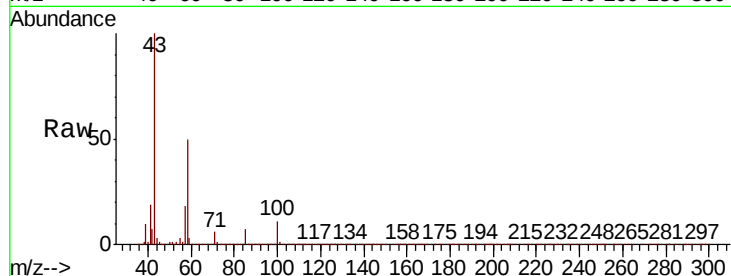




#59
2-Hexanone
Concen: 89.161 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

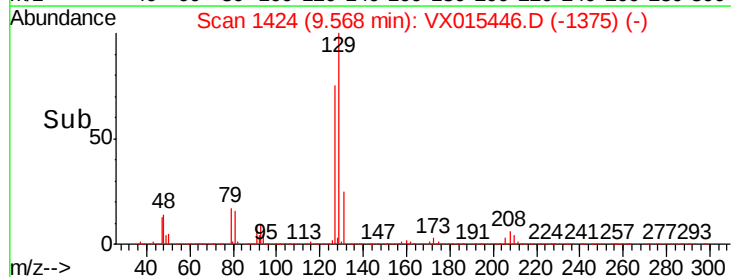
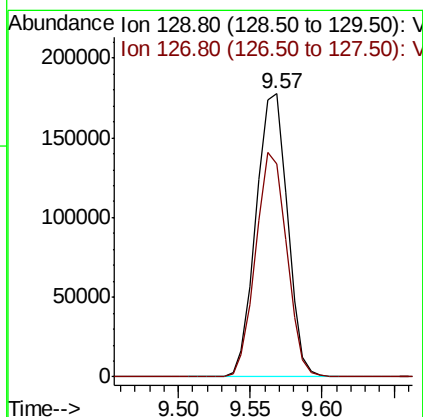
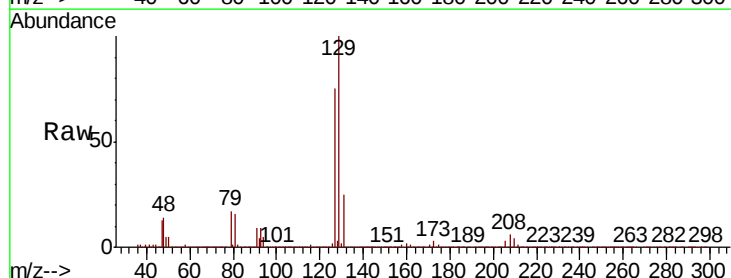
Instrument :
MSVOA_X
ClientSampled :

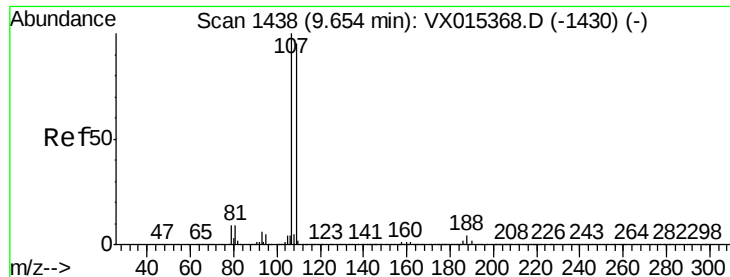
Tot Ion: 43 Resp: 1384150
Ion Ratio Lower Upper
43 100
58 50.7 25.6 76.6



#60
Dibromochloromethane
Concen: 18.183 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

Tgt Ion: 129 Resp: 266864
Ion Ratio Lower Upper
129 100
127 78.8 38.2 114.6

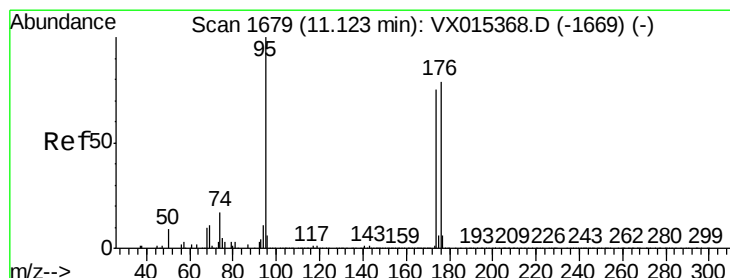
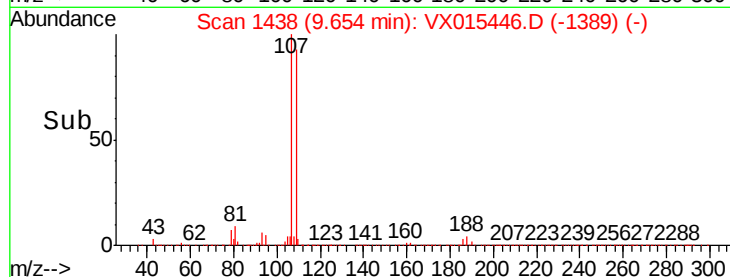
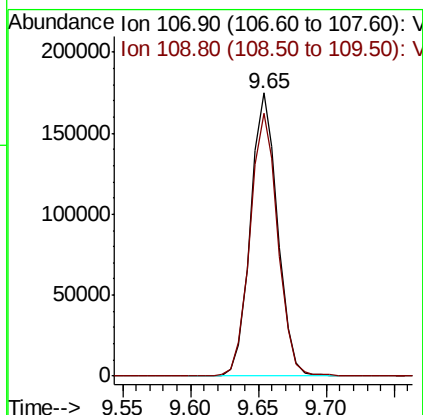
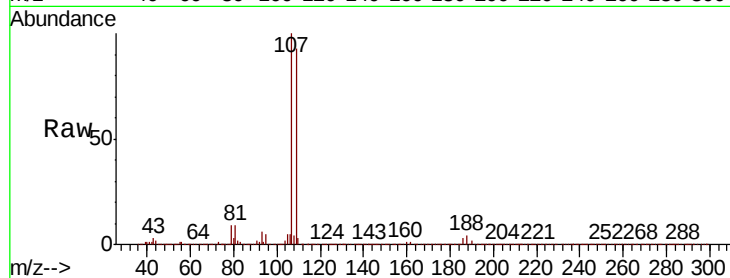




#61
 1,2-Dibromoethane
 Concen: 18.341 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015446.D
 Acq: 31 Mar 2020 12:08

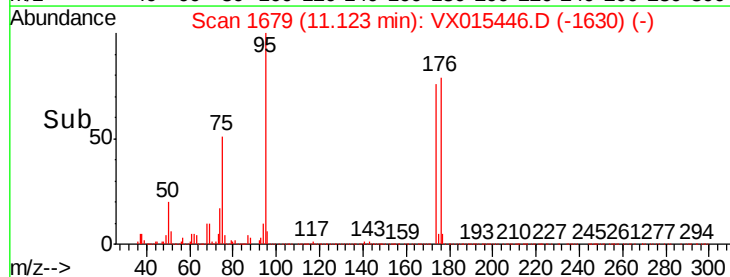
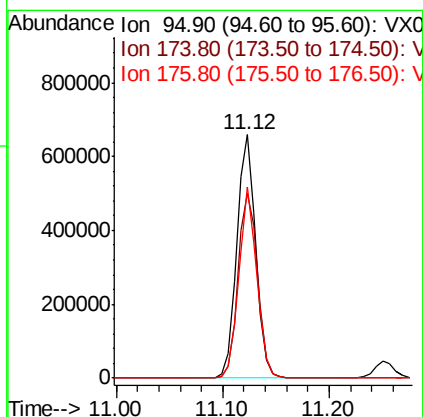
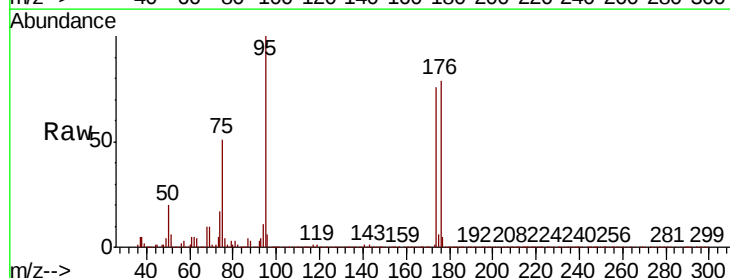
Instrument :
 MSVOA_X
 ClientSampleId :

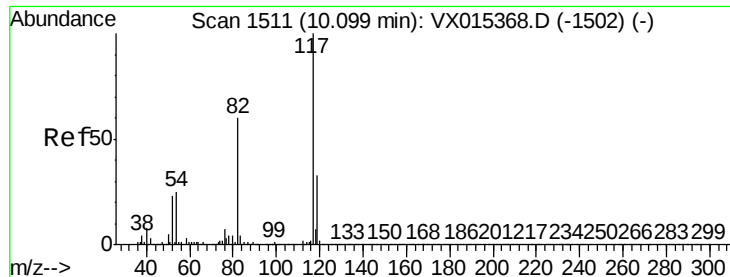
Tot Ion:107 Resp: 243584
 Ion Ratio Lower Upper
 107 100
 109 95.3 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 47.809 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015446.D
 Acq: 31 Mar 2020 12:08

Tgt Ion: 95 Resp: 819224
 Ion Ratio Lower Upper
 95 100
 174 78.7 0.0 158.6
 176 74.8 0.0 159.0

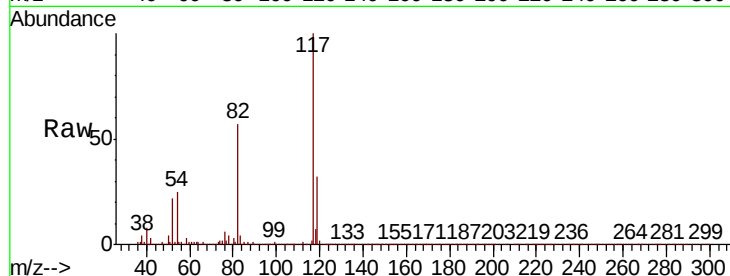




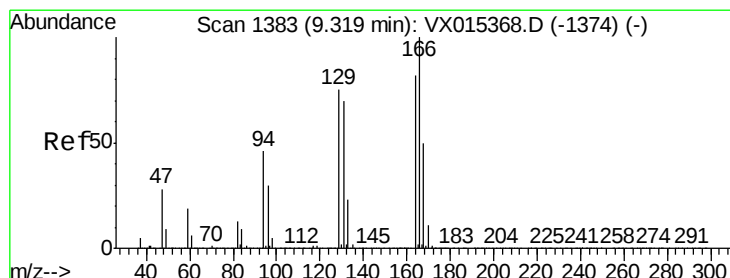
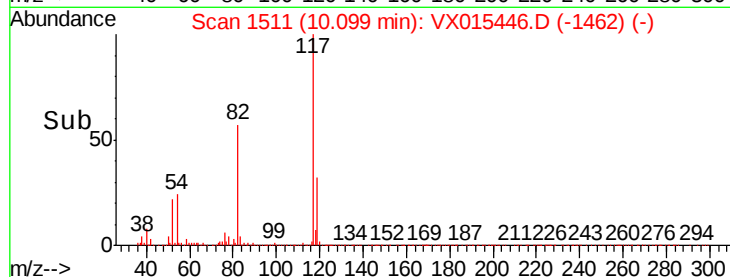
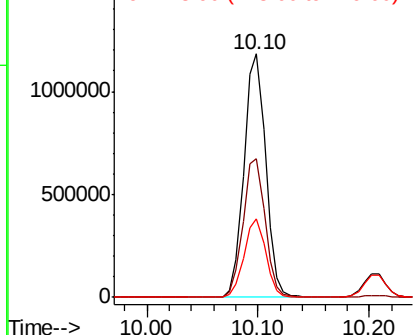
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 1601771
Ion Ratio Lower Upper
117 100
82 56.8 47.8 71.8
119 32.1 26.8 40.2

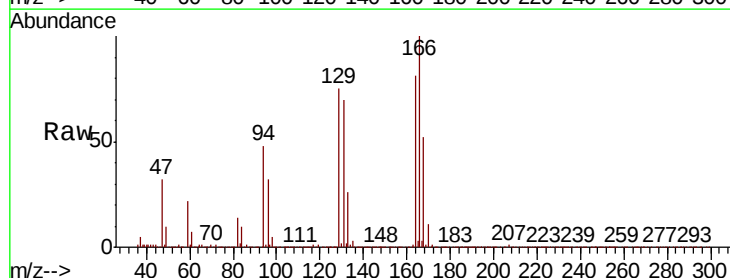


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

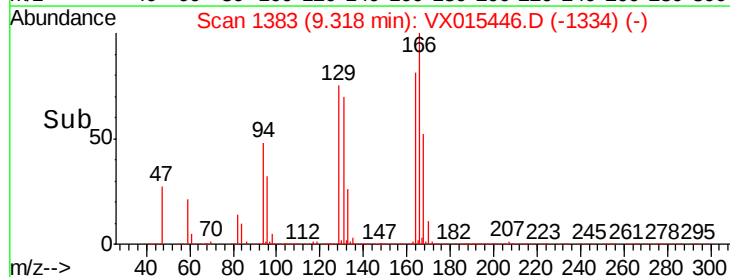
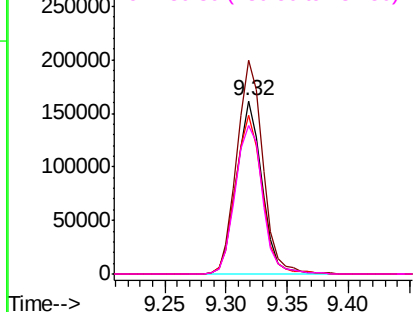


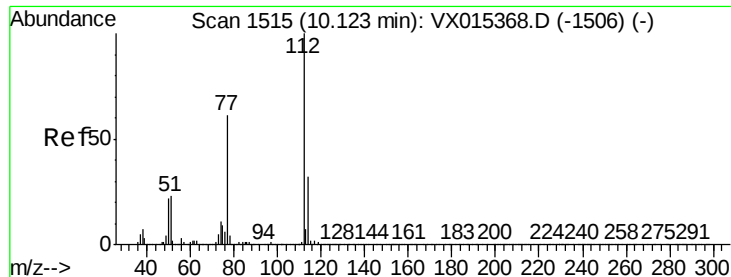
#64
Tetrachloroethene
Concen: 19.263 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

Tgt Ion:164 Resp: 232857
Ion Ratio Lower Upper
164 100
166 123.4 97.8 146.6
129 92.1 73.0 109.4
131 86.1 68.6 103.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.401 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Instrument :

MSVOA_X

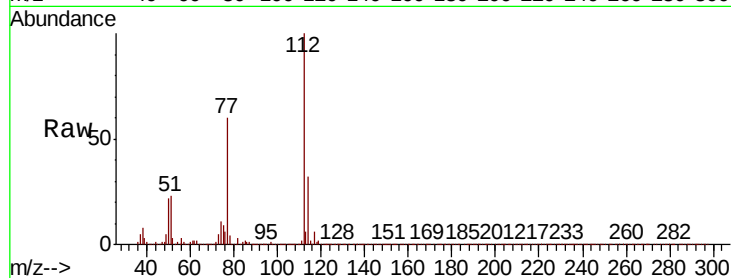
ClientSampleId :

Tot Ion:112 Resp: 619747

Ion Ratio Lower Upper

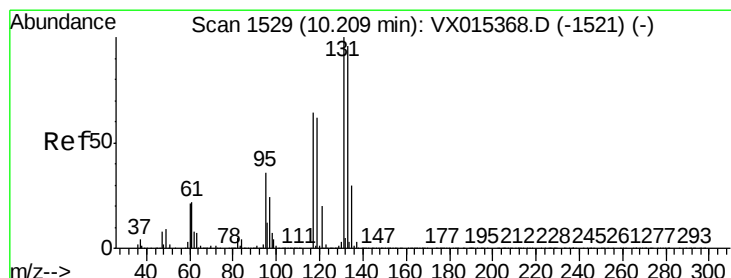
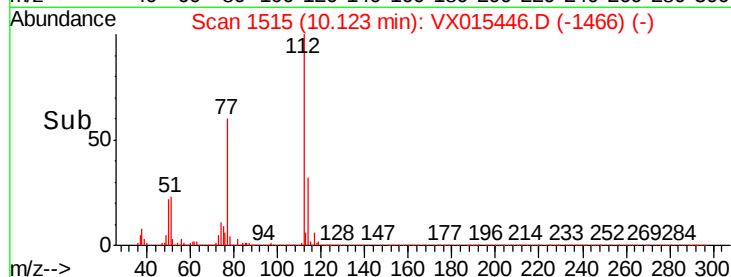
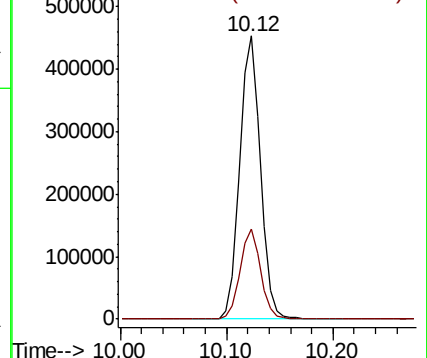
112 100

114 31.9 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.661 ug/l

RT: 10.20 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

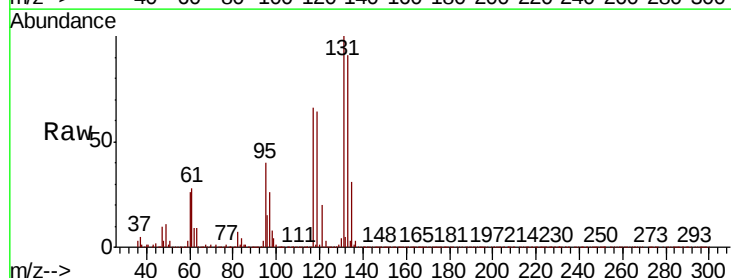
Tgt Ion:131 Resp: 238147

Ion Ratio Lower Upper

131 100

133 96.4 47.6 142.9

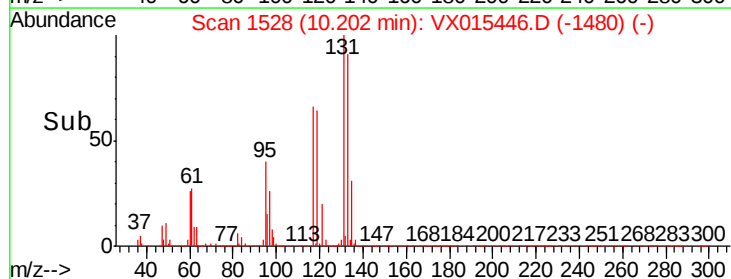
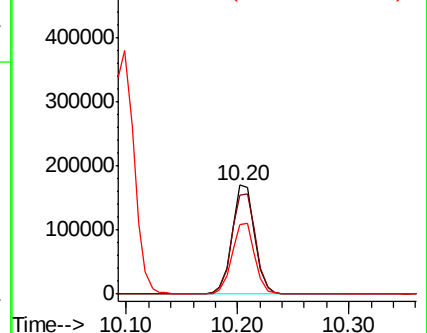
119 65.0 31.1 93.3

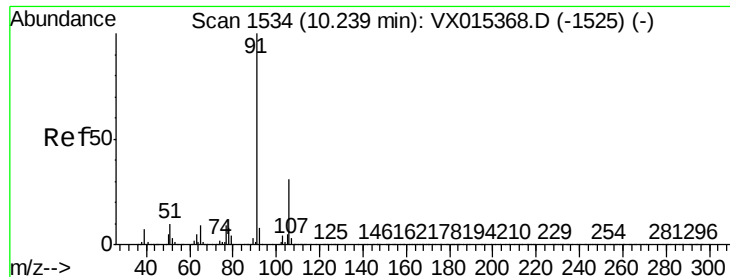


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.896 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Instrument :

MSVOA_X

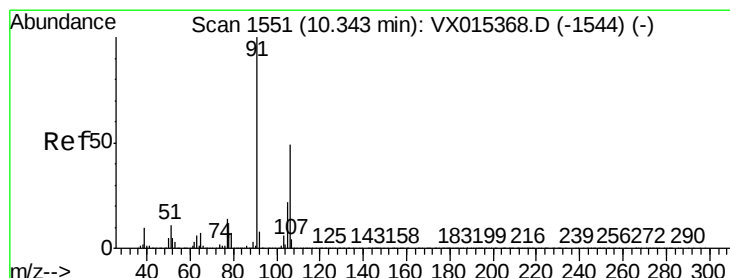
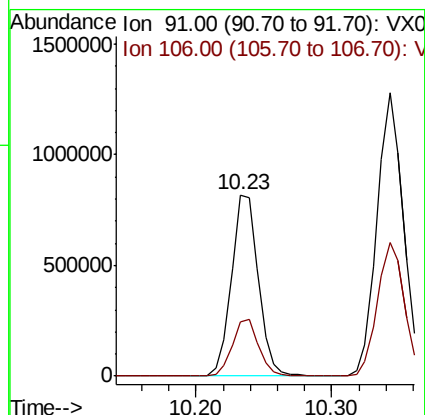
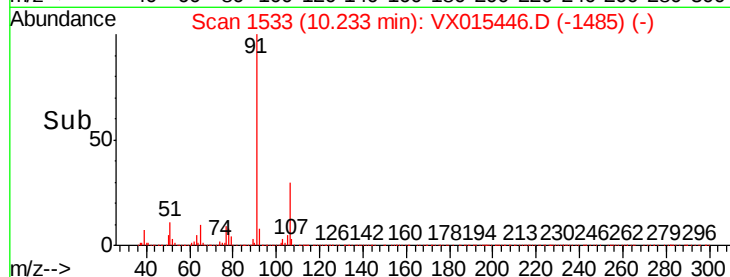
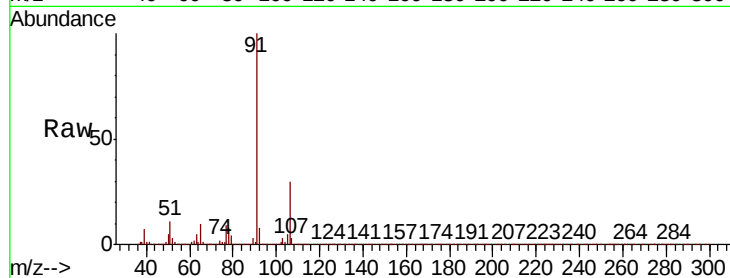
ClientSampled :

Tot Ion: 91 Resp: 1127248

Ion Ratio Lower Upper

91 100

106 30.0 24.8 37.2



#68

m/p-Xylenes

Concen: 39.676 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015446.D

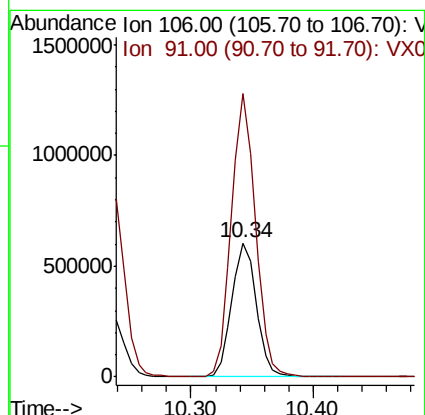
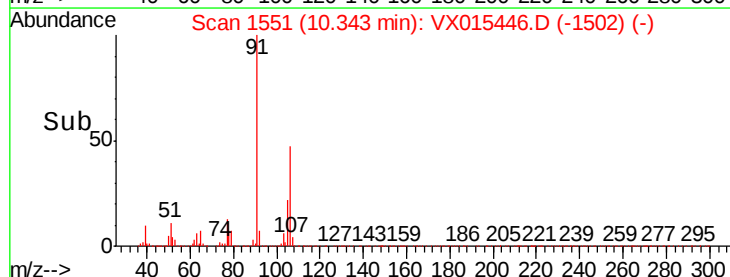
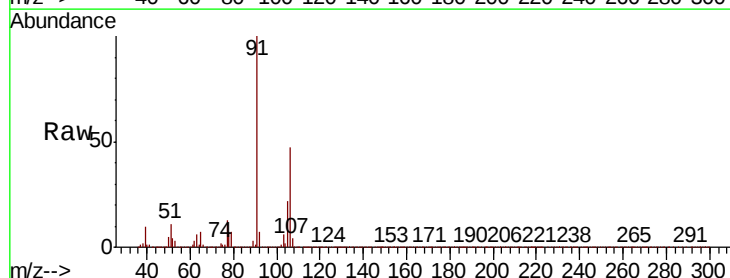
Acq: 31 Mar 2020 12:08

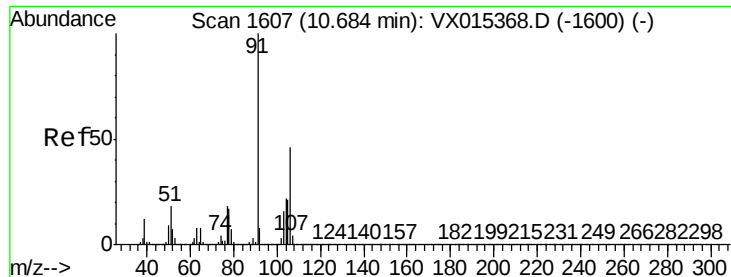
Tgt Ion: 106 Resp: 837028

Ion Ratio Lower Upper

106 100

91 207.6 163.4 245.0

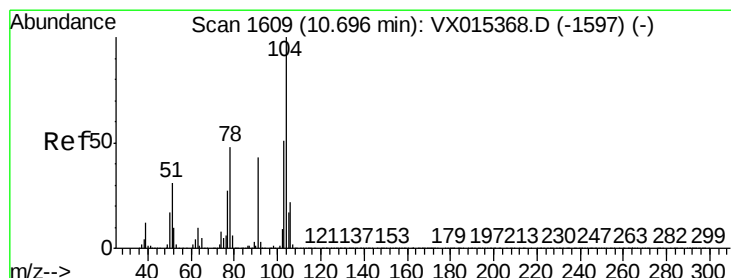
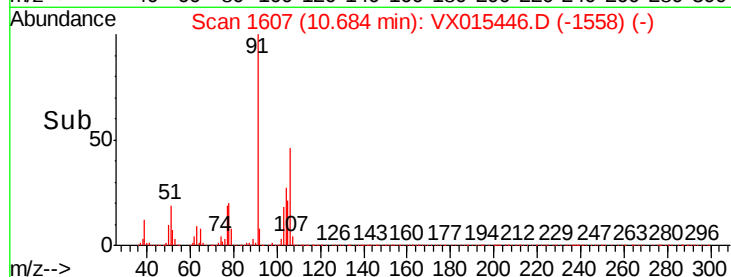
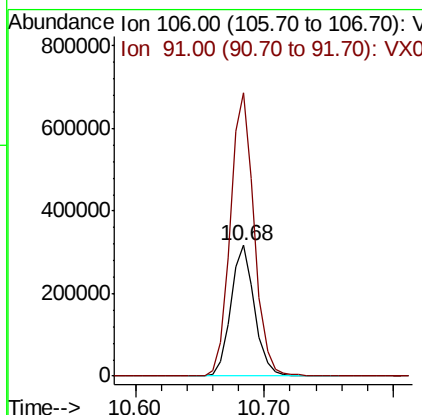
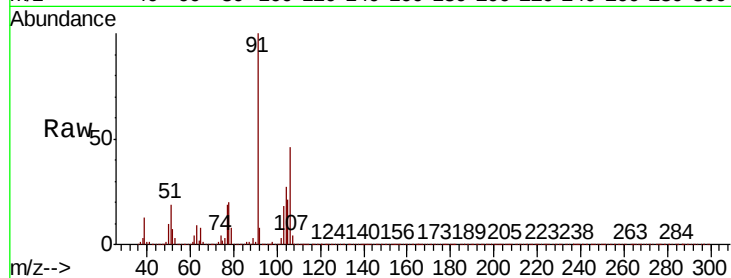




#69
o-Xylene
Concen: 19.548 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

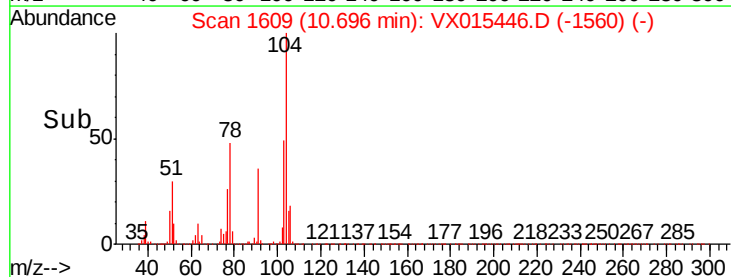
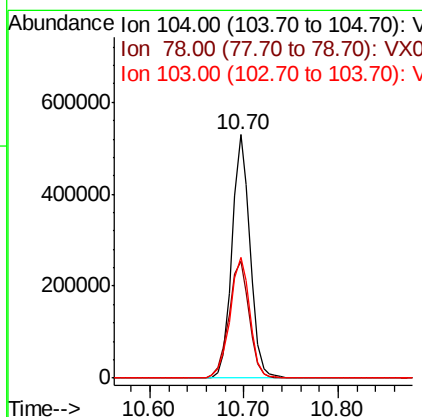
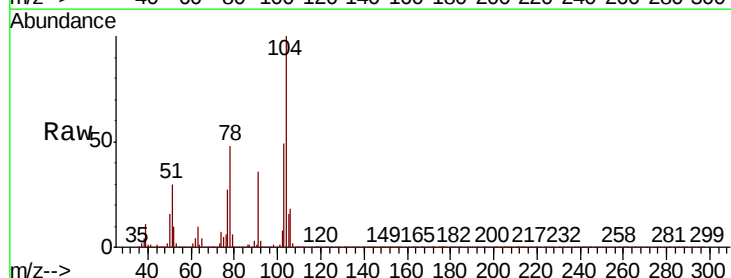
Instrument :
MSVOA_X
ClientSampleId :

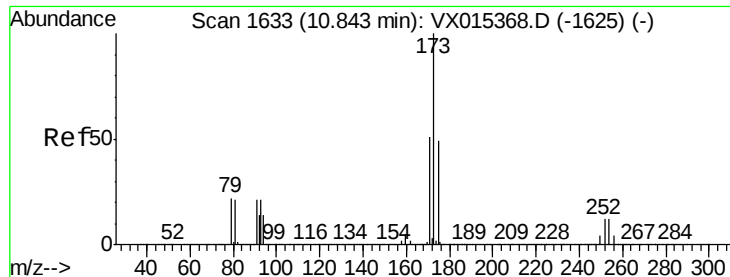
Tot Ion:106 Resp: 407520
Ion Ratio Lower Upper
106 100
91 217.9 107.1 321.3



#70
Styrene
Concen: 19.082 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

Tgt Ion:104 Resp: 700023
Ion Ratio Lower Upper
104 100
78 54.2 42.0 63.0
103 54.6 43.4 65.0

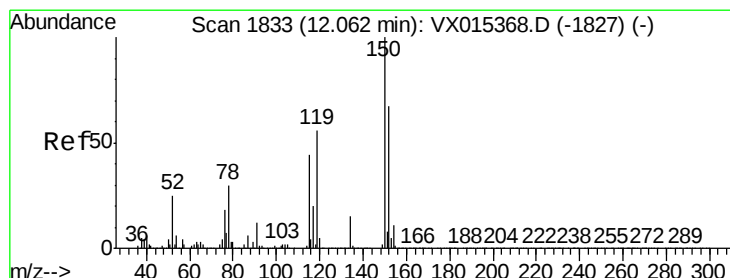
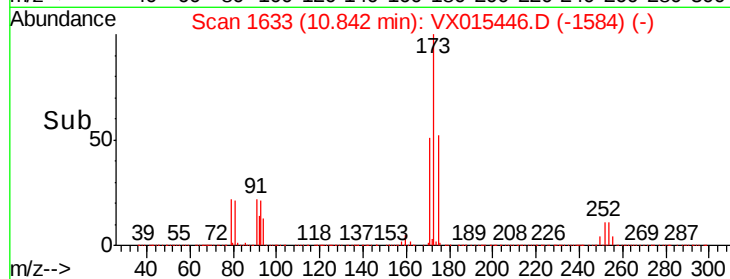
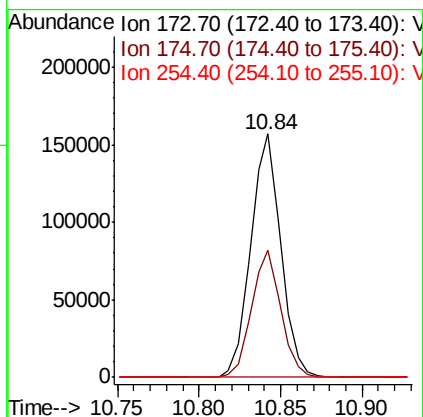
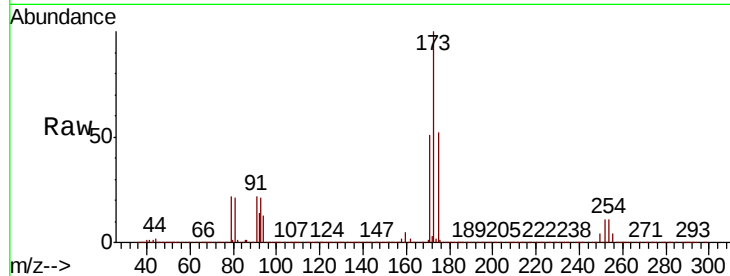




#71
Bromoform
Concen: 17.360 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

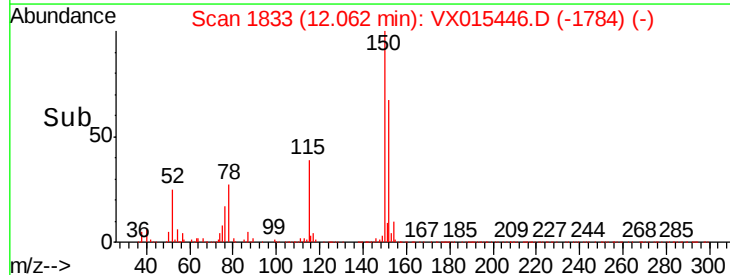
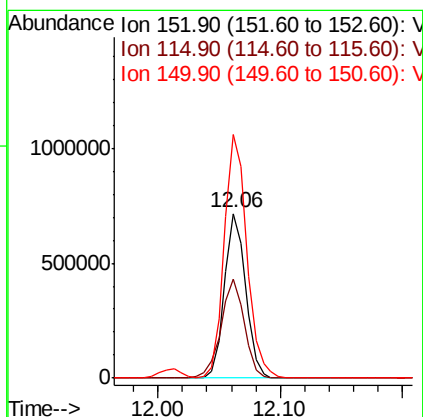
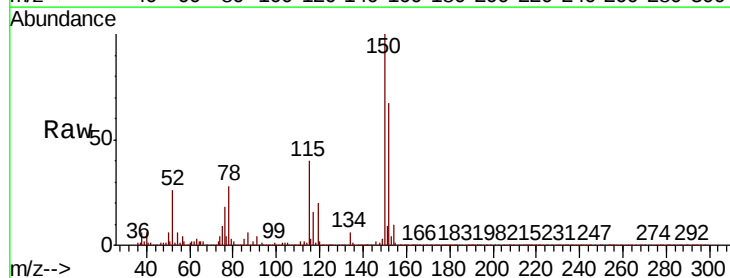
Instrument :
MSVOA_X
ClientSampleId :

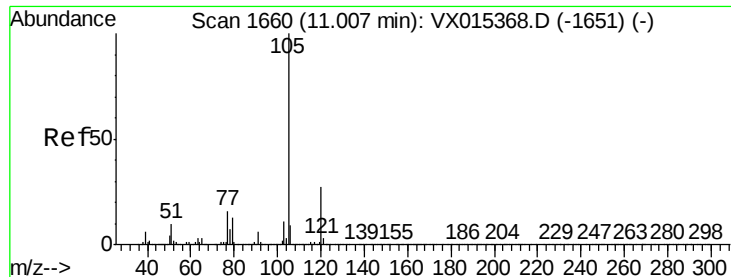
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.8	23.9	71.7
254	0.1	0.1	0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.2	39.0	116.9
150	157.7	0.0	340.8





#73

Isopropylbenzene

Concen: 19.829 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Instrument :

MSVOA_X

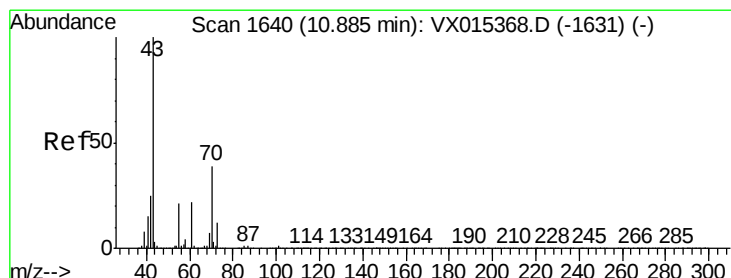
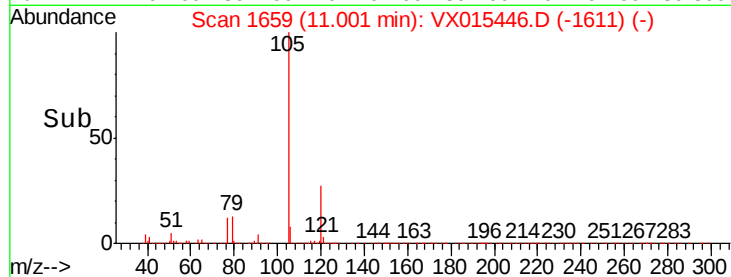
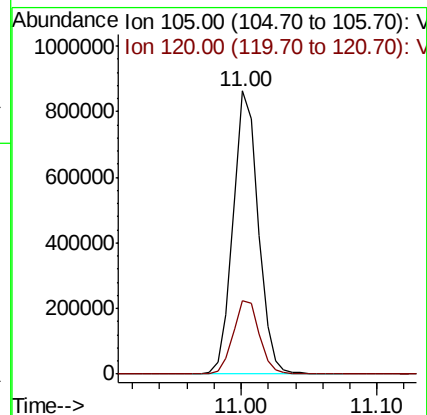
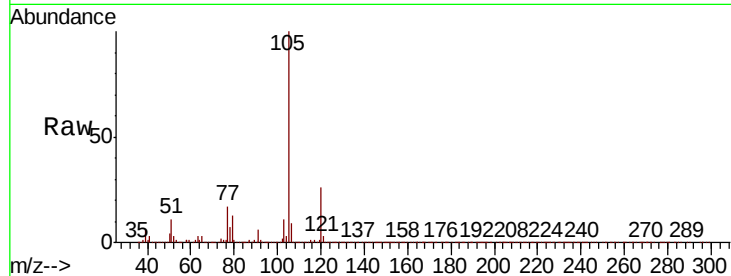
ClientSampleId :

Tot Ion:105 Resp: 1112718

Ion Ratio Lower Upper

105 100

120 27.0 13.2 39.5



#74

N-ethyl acetate

Concen: 17.536 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Tgt Ion: 43 Resp: 547332

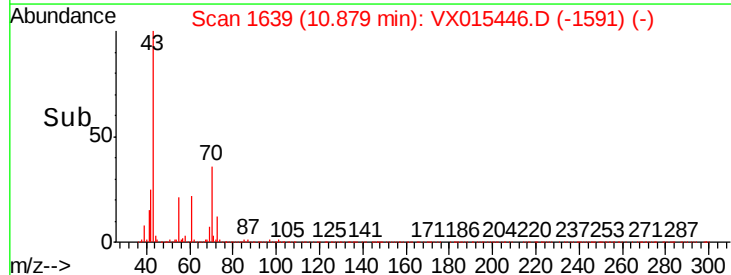
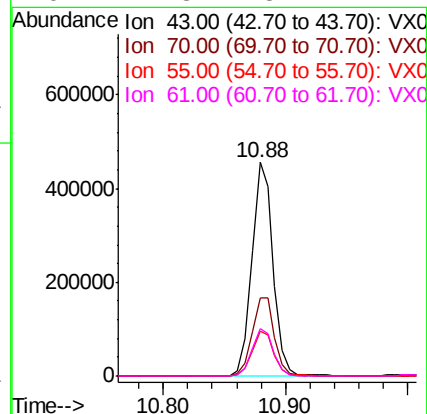
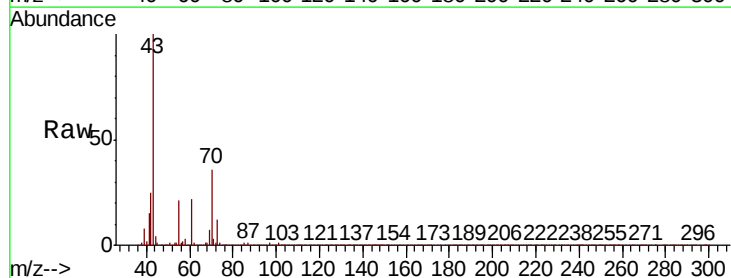
Ion Ratio Lower Upper

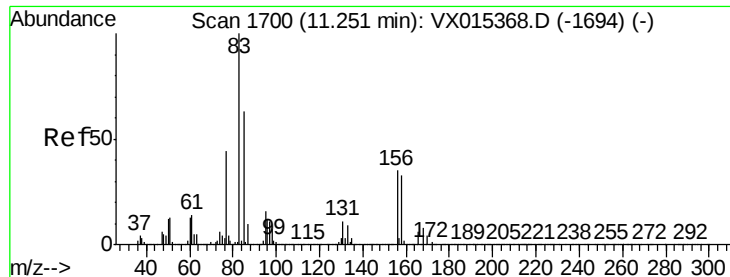
43 100

70 38.5 30.2 45.4

55 21.0 16.8 25.2

61 22.3 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.713 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

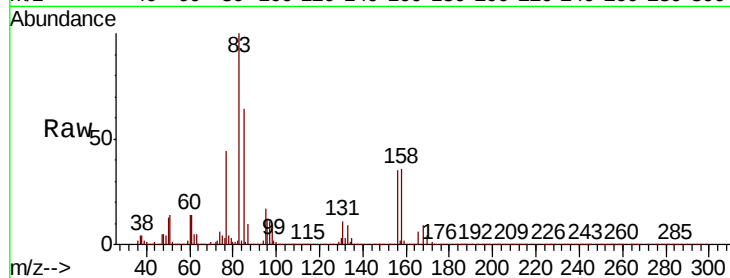
Tot Ion: 83 Resp: 341079

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

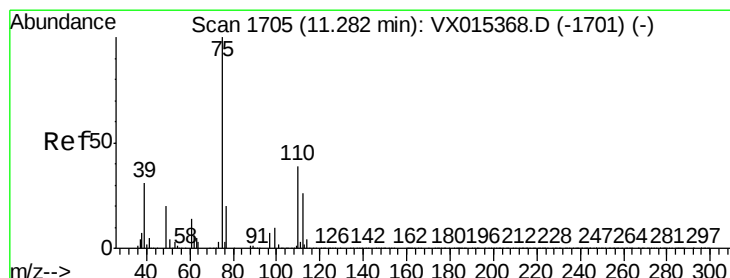
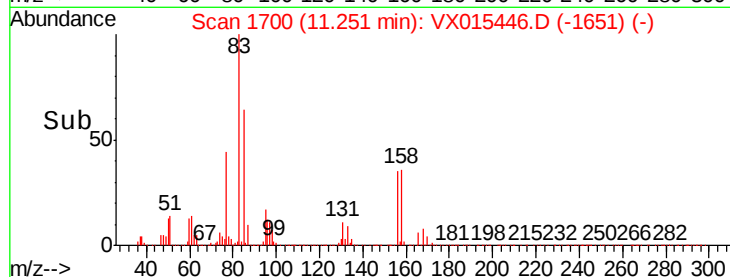
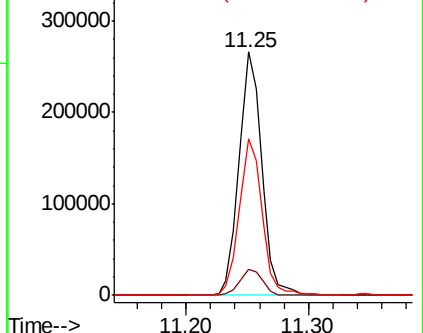
85 64.1 32.0 96.0



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: 23.764 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015446.D

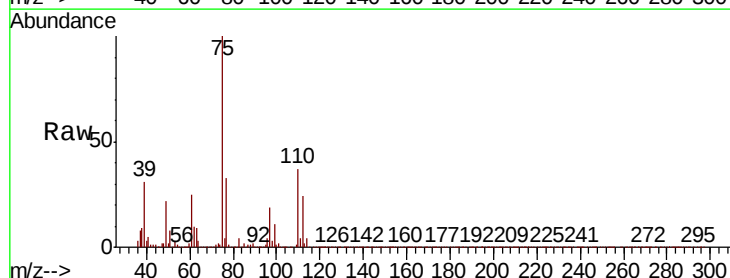
Acq: 31 Mar 2020 12:08

Tgt Ion: 75 Resp: 418534

Ion Ratio Lower Upper

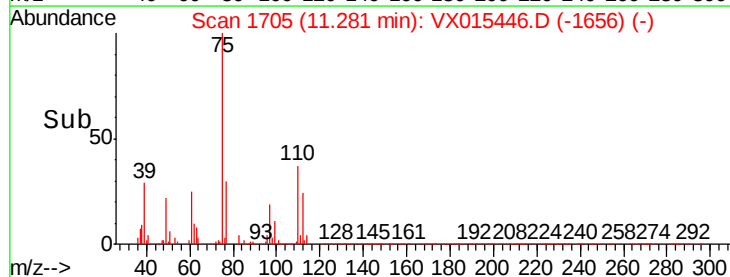
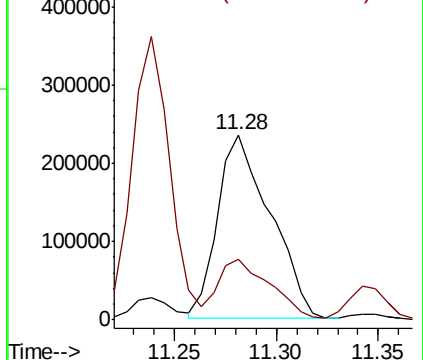
75 100

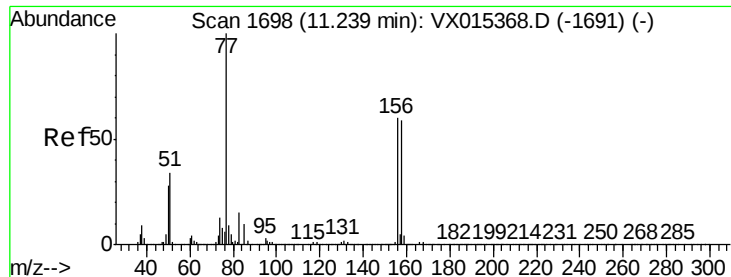
77 32.5 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

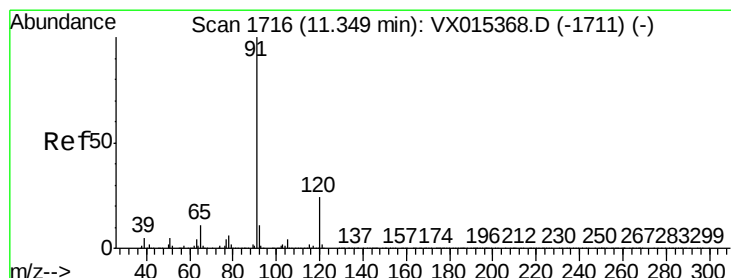
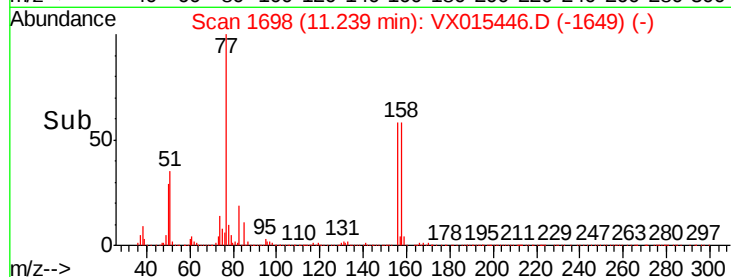
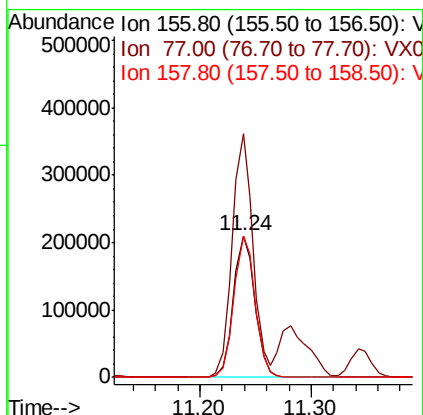
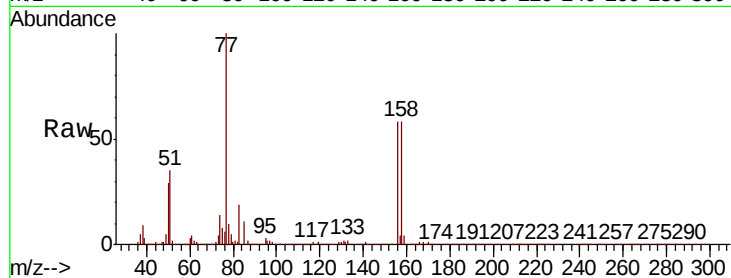




#77
Bromobenzene
Concen: 18.723 ug/l
RT: 11.24 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

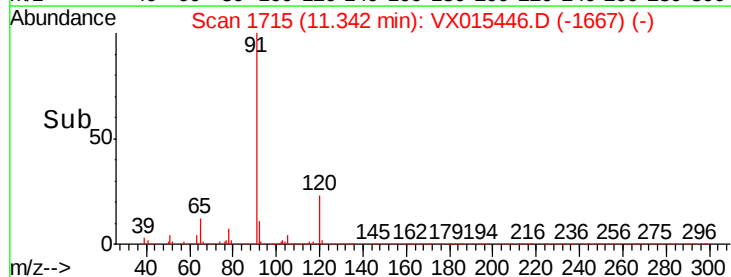
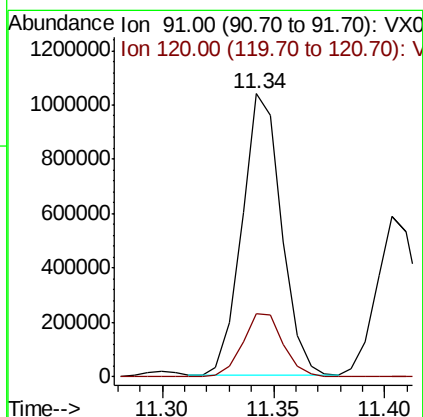
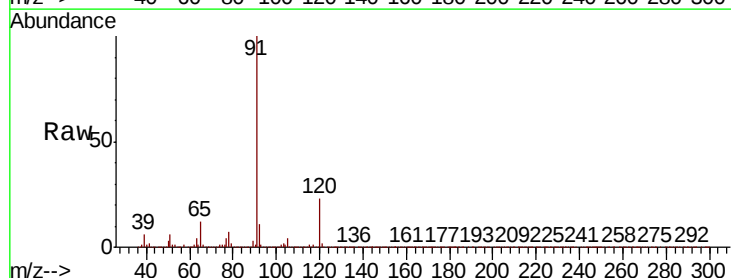
Instrument :
MSVOA_X
ClientSampleId :

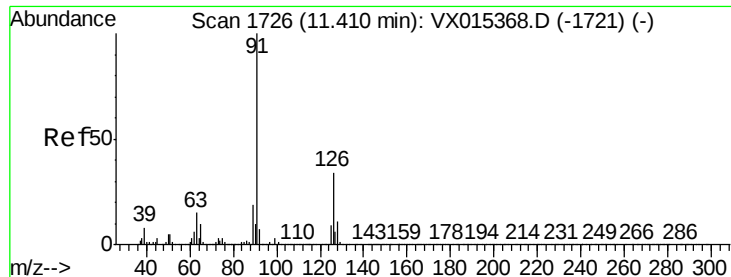
Tot Ion:156 Resp: 280261
Ion Ratio Lower Upper
156 100
77 166.1 82.2 246.5
158 98.5 49.3 147.9



#78
n-propylbenzene
Concen: 19.952 ug/l
RT: 11.34 min Scan# 1715
Delta R.T. -0.01 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

Tgt Ion: 91 Resp: 1280250
Ion Ratio Lower Upper
91 100
120 23.1 11.7 35.0

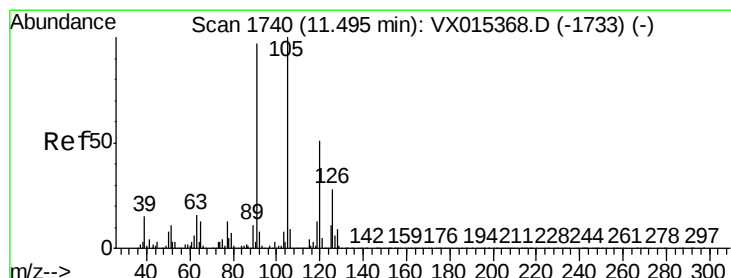
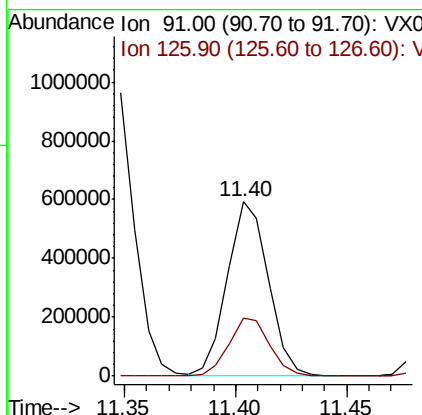
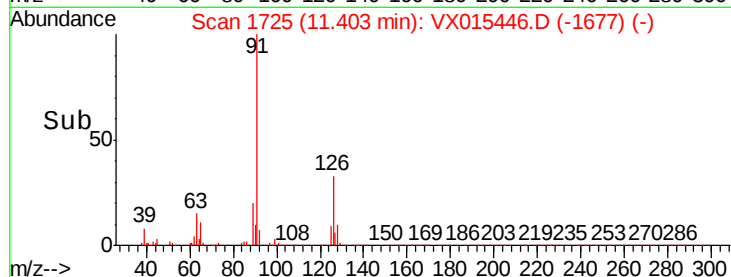
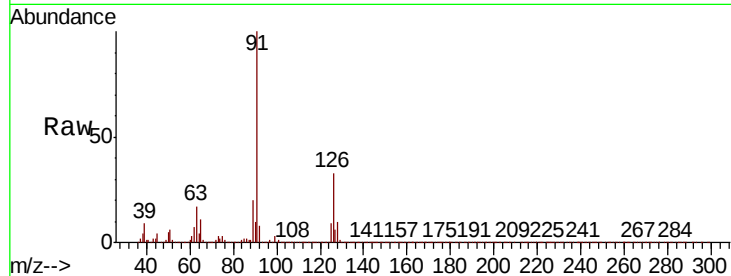




#79
 2-Chlorotoluene
 Concen: 19.220 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015446.D
 Acq: 31 Mar 2020 12:08

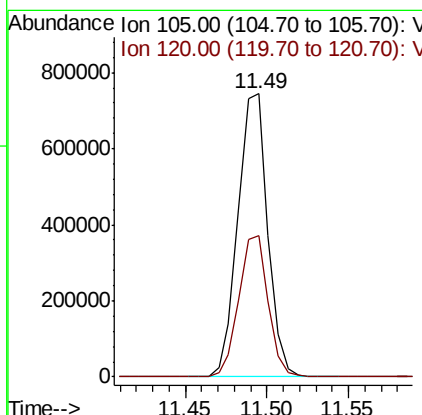
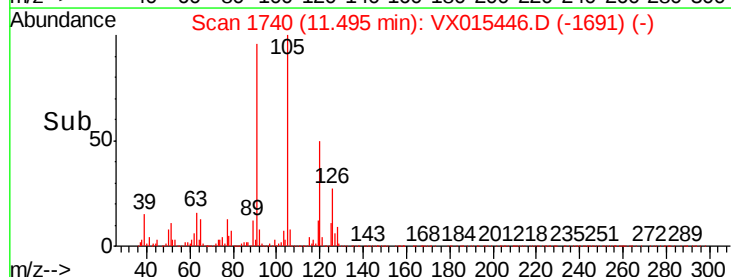
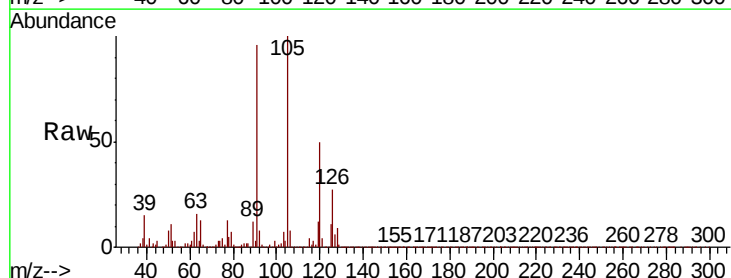
Instrument :
 MSVOA_X
 ClientSampleId :

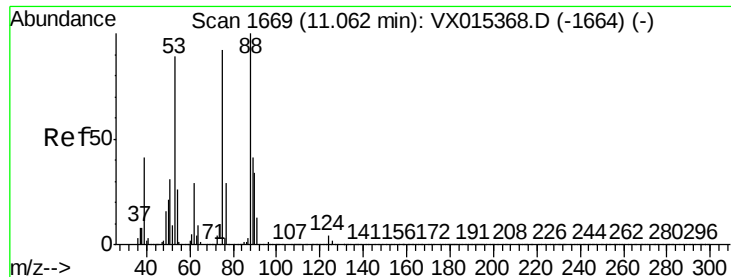
Tot Ion: 91 Resp: 755945
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 19.830 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VX015446.D
 Acq: 31 Mar 2020 12:08

Tgt Ion: 105 Resp: 950385
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.254 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

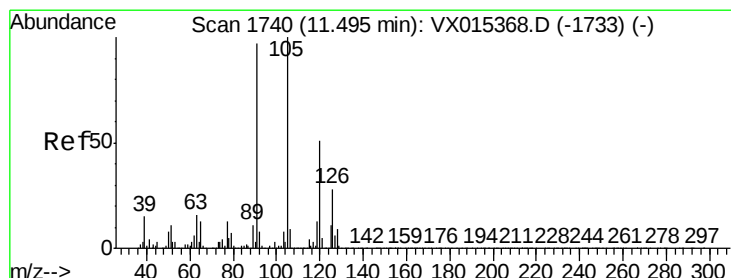
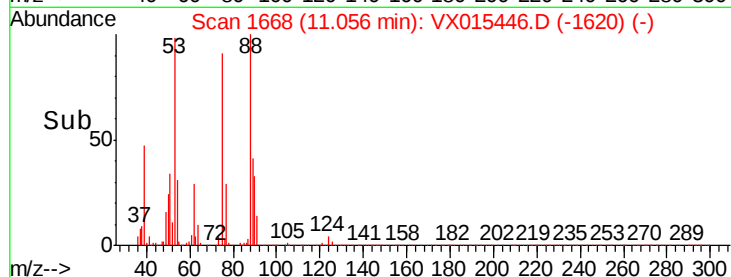
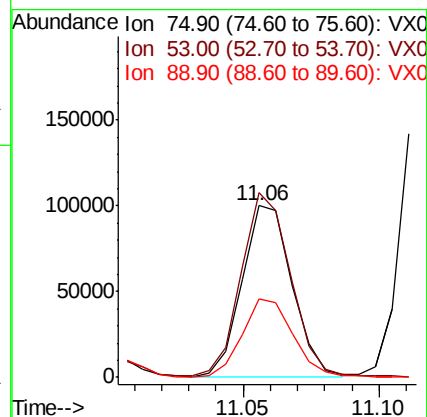
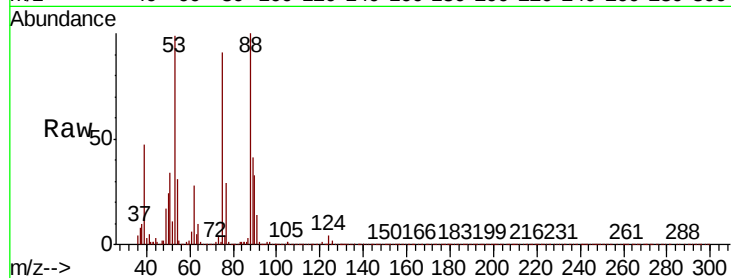
Tot Ion: 75 Resp: 126645

Ion Ratio Lower Upper

75 100

53 106.6 80.1 120.1

89 47.1 36.1 54.1



#82

4-Chlorotoluene

Concen: 19.676 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015446.D

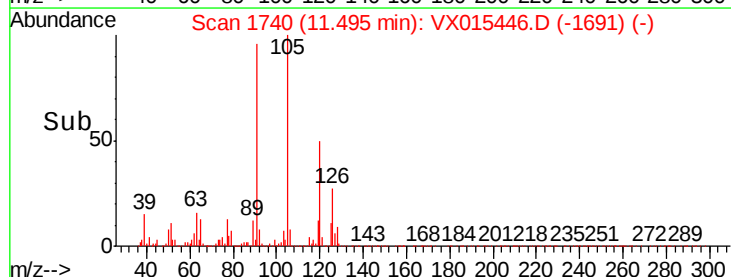
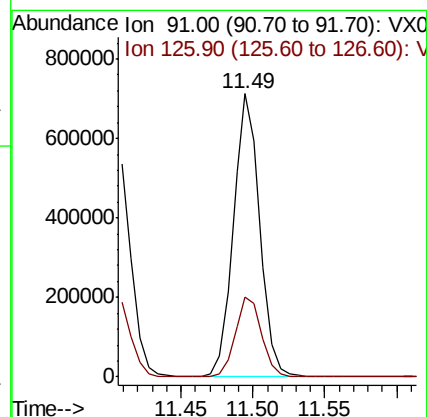
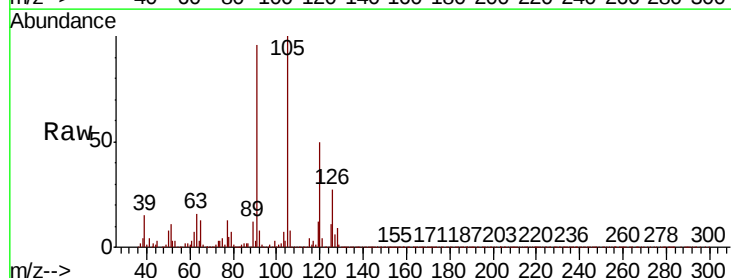
Acq: 31 Mar 2020 12:08

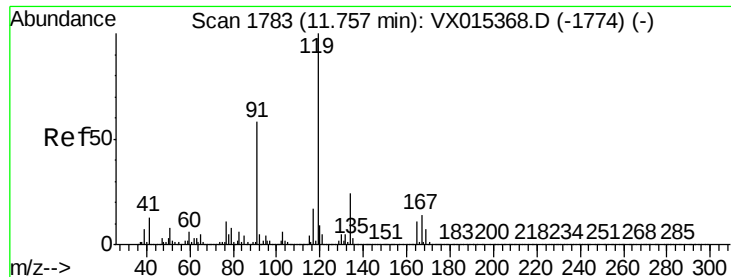
Tgt Ion: 91 Resp: 907217

Ion Ratio Lower Upper

91 100

126 28.3 14.7 44.1

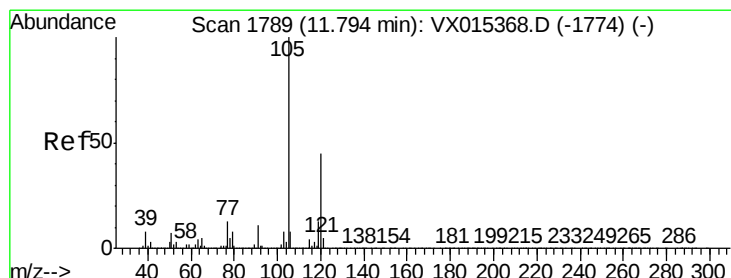
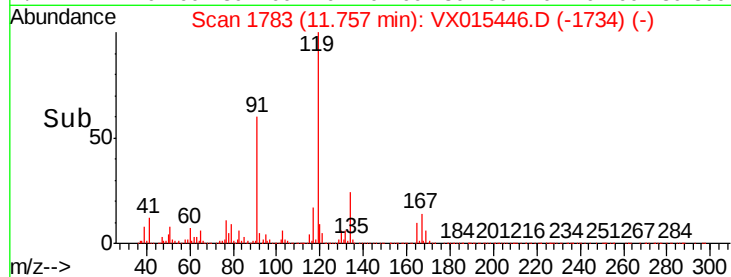
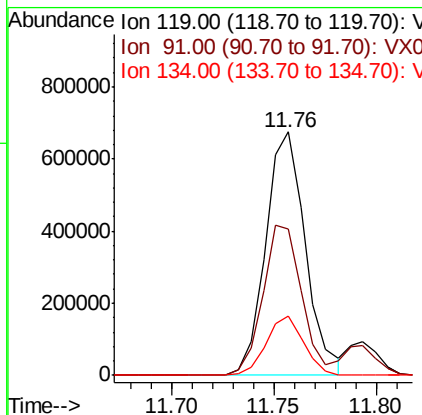
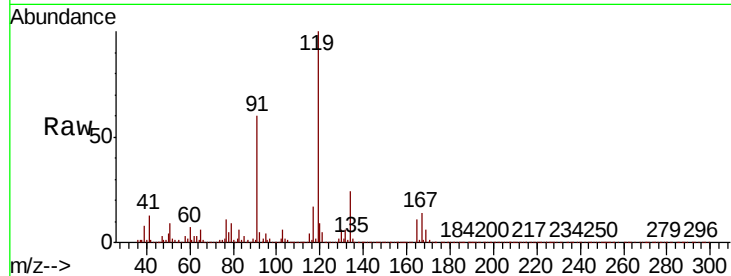




#83
tert-Butylbenzene
Concen: 19.524 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

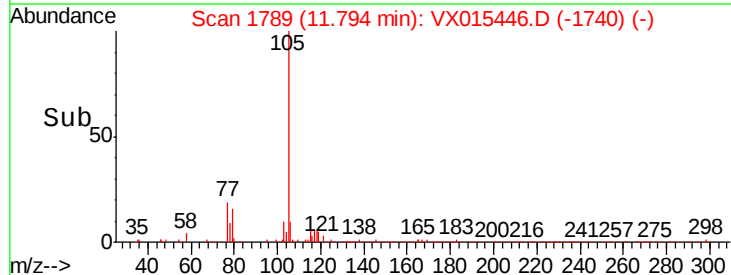
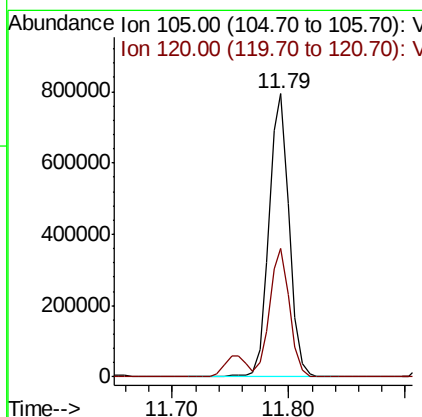
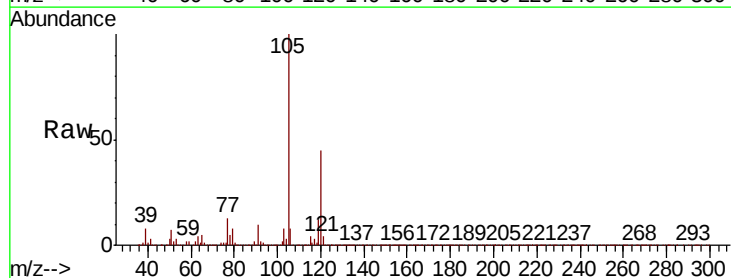
Instrument :
MSVOA_X
ClientSampled :

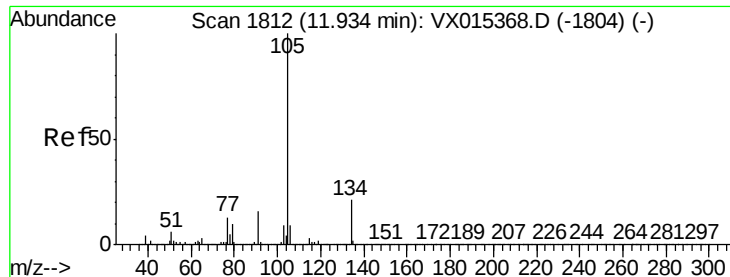
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.0	28.6	85.8
134	23.0	11.8	35.3



#84
1,2,4-Trimethylbenzene
Concen: 19.567 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.7	68.1





#85

sec-Butylbenzene

Concen: 19.908 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Instrument :

MSVOA_X

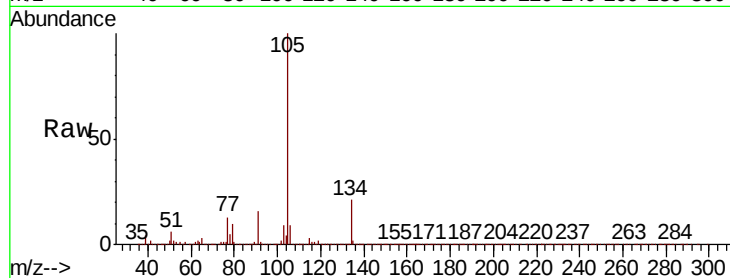
ClientSampleId :

Tot Ion:105 Resp: 1077864

Ion Ratio Lower Upper

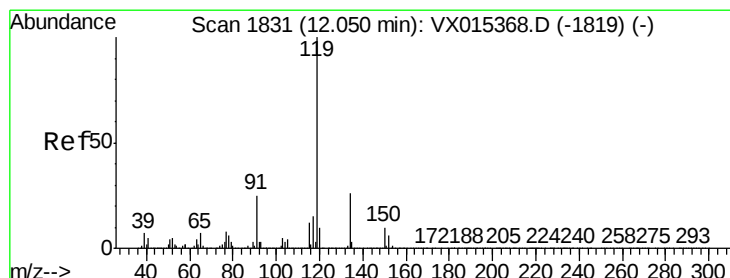
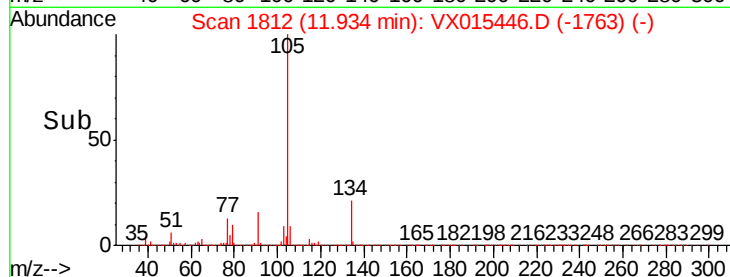
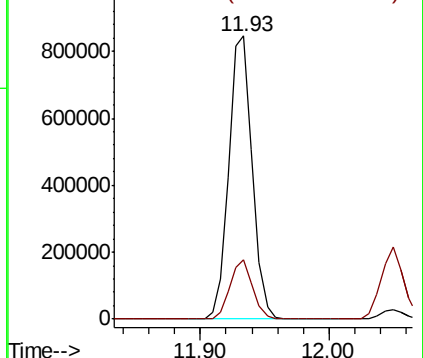
105 100

134 20.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.877 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

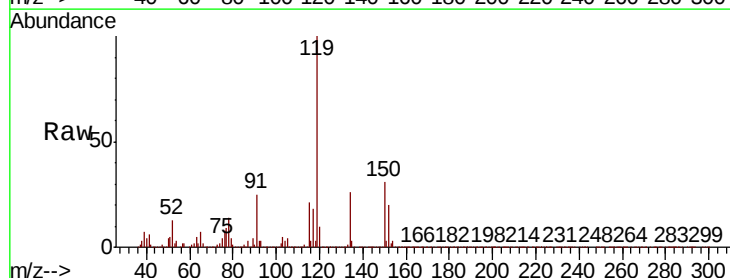
Tgt Ion:119 Resp: 999075

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

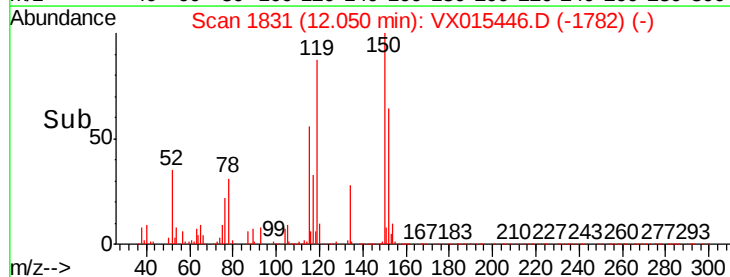
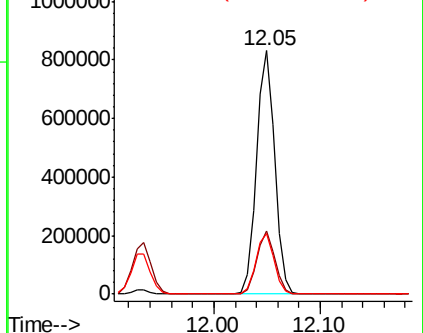
91 24.9 12.4 37.4

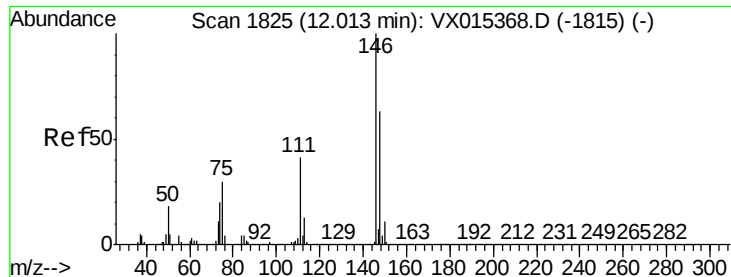


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

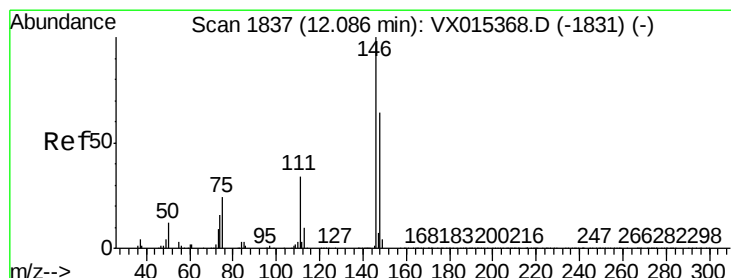
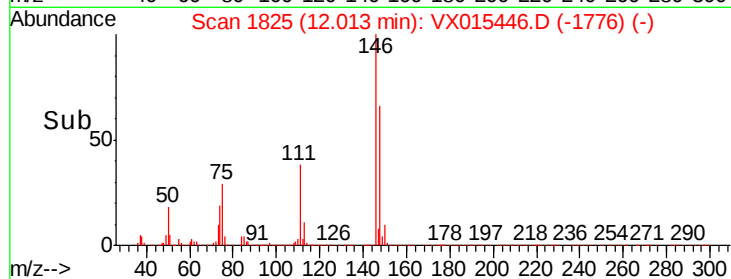
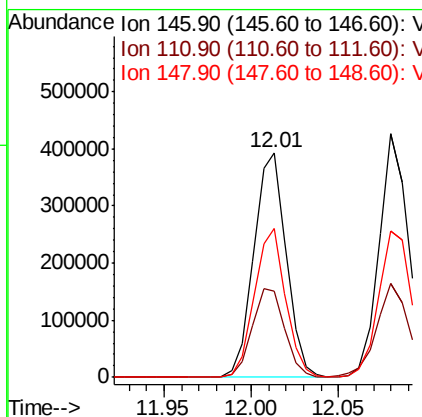
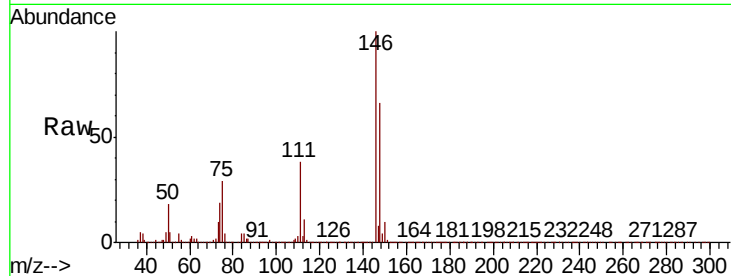




#87
 1,3-Dichlorobenzene
 Concen: 18.855 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015446.D
 Acq: 31 Mar 2020 12:08

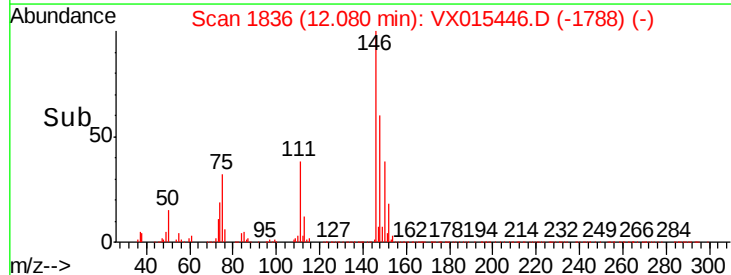
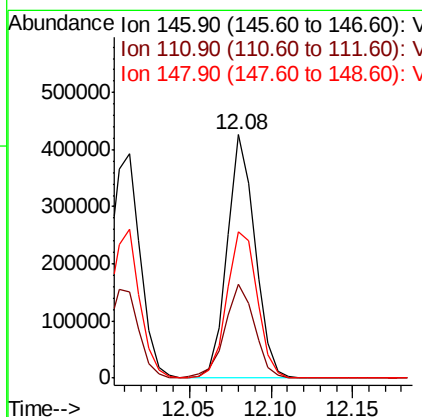
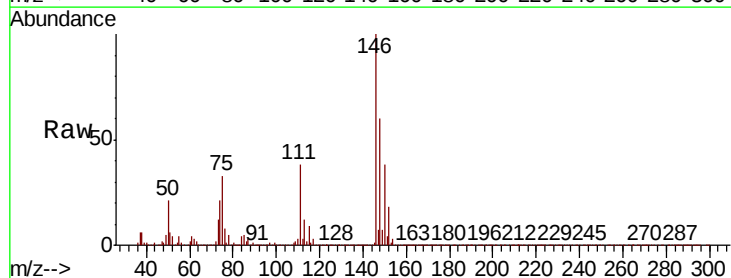
Instrument :
 MSVOA_X
 ClientSampleId :

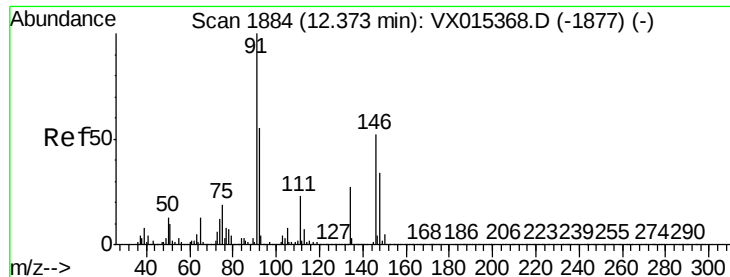
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.3	60.9
148	63.8	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 18.428 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015446.D
 Acq: 31 Mar 2020 12:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	19.1	57.5
148	66.1	32.4	97.2

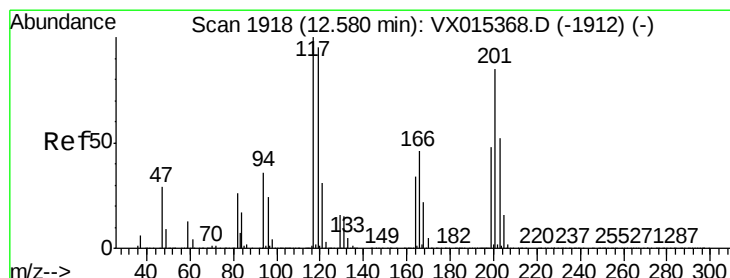
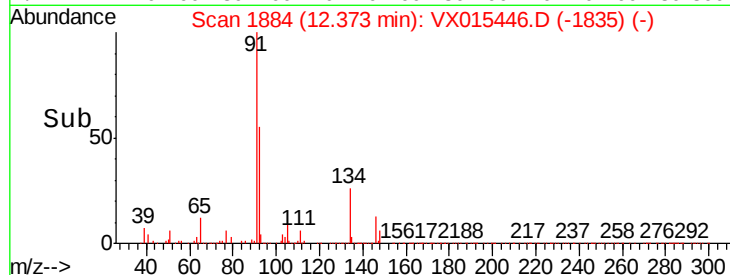
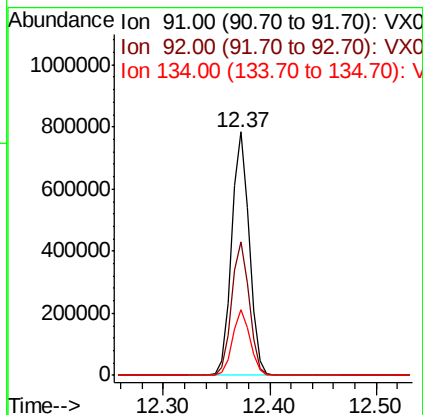
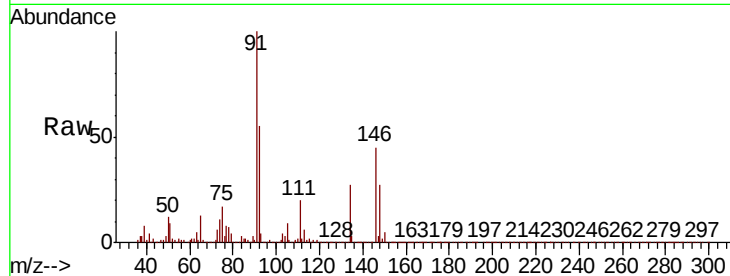




#89
n-Butylbenzene
Concen: 20.036 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

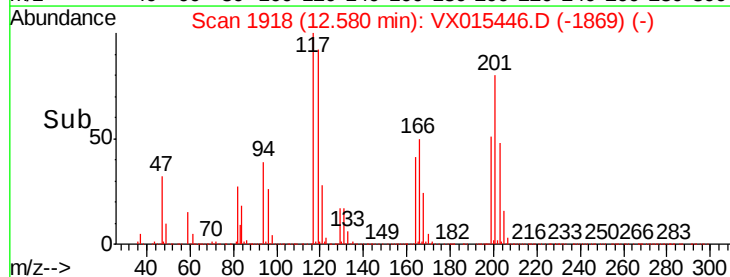
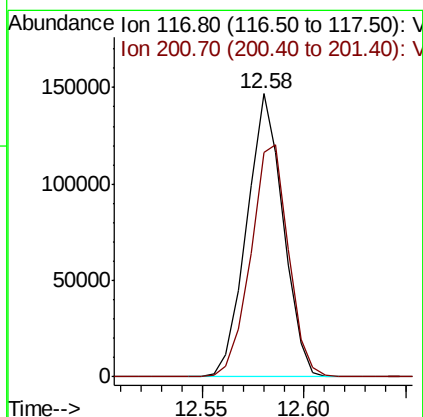
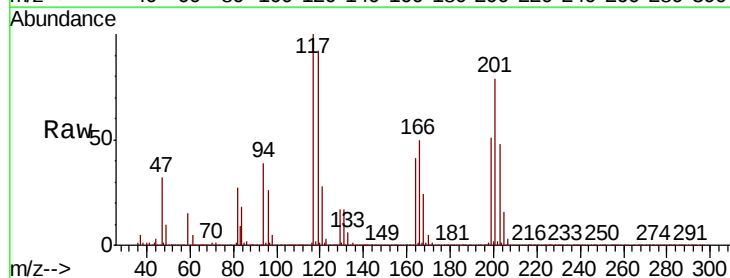
Instrument :
MSVOA_X
ClientSampled :

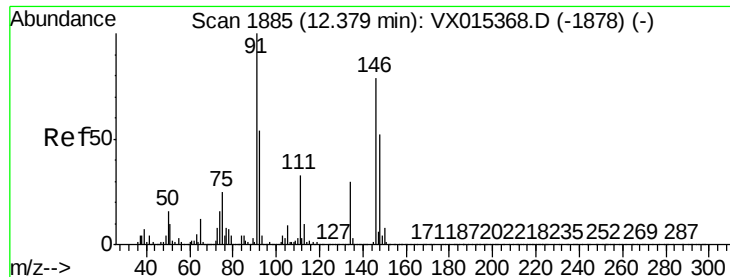
Tot Ion: 91 Resp: 910025
Ion Ratio Lower Upper
91 100
92 55.2 27.2 81.5
134 26.5 13.4 40.2



#90
Hexachloroethane
Concen: 18.555 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015446.D
Acq: 31 Mar 2020 12:08

Tgt Ion: 117 Resp: 181522
Ion Ratio Lower Upper
117 100
201 85.5 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 18.547 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

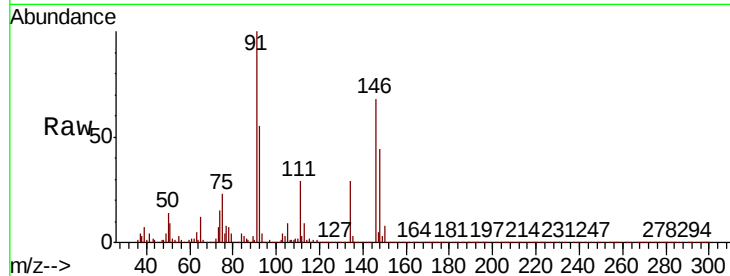
Tot Ion:146 Resp: 486372

Ion Ratio Lower Upper

146 100

111 42.5 21.0 63.0

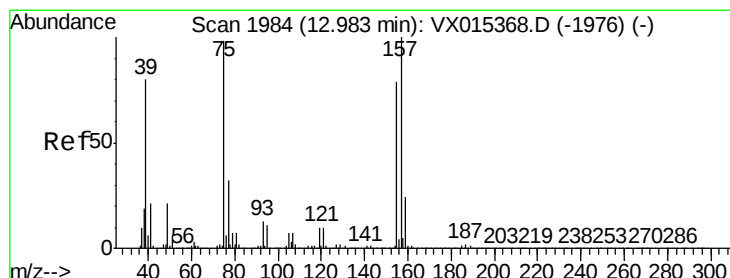
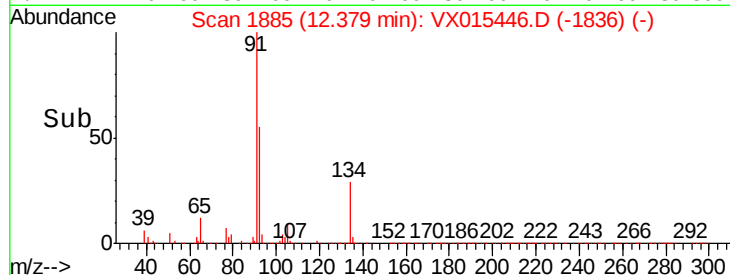
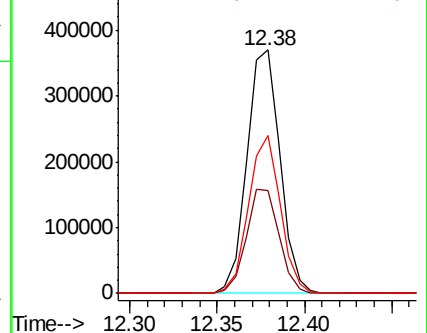
148 62.2 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.710 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

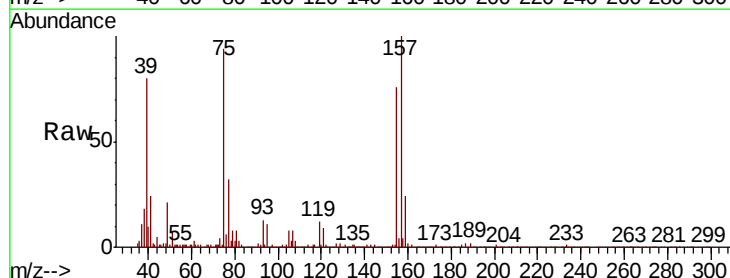
Tgt Ion: 75 Resp: 85380

Ion Ratio Lower Upper

75 100

155 82.1 42.8 128.4

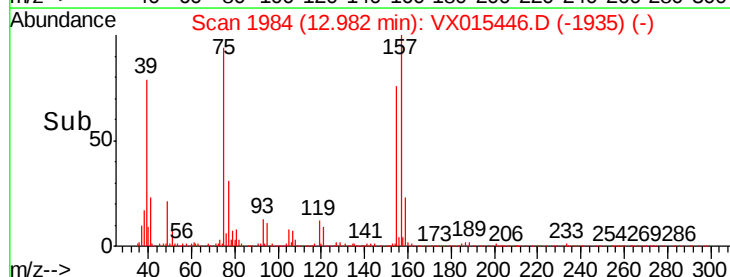
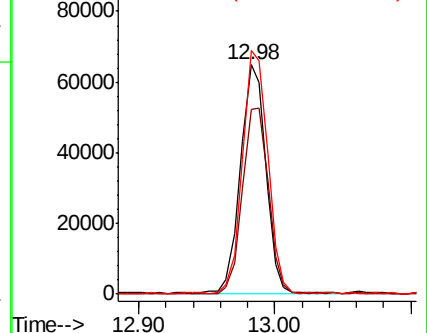
157 104.2 53.4 160.3

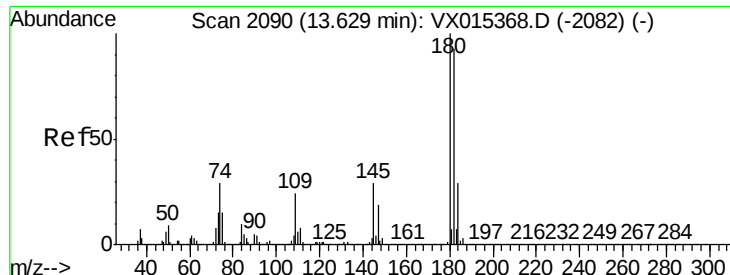


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

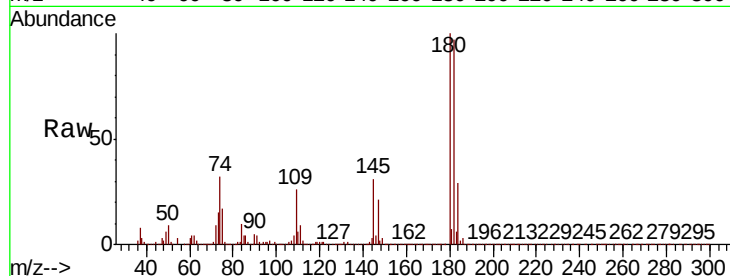




#93
 1,2,4-Trichlorobenzene
 Concen: 17.772 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015446.D
 Acq: 31 Mar 2020 12:08

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	46.9	140.7
145	31.1	14.9	44.5

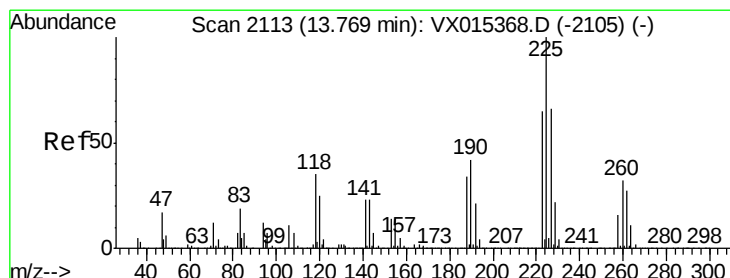
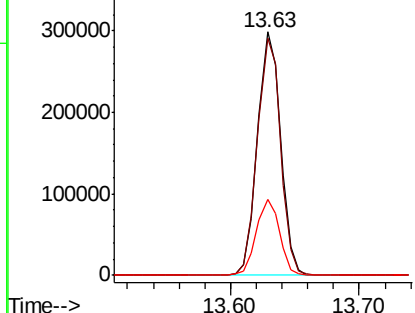
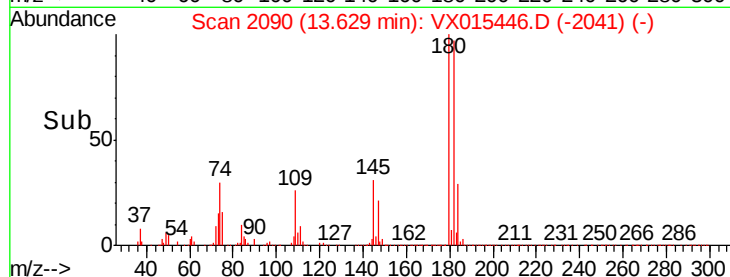


Abundance

Ion 179.80 (179.50 to 180.50): V

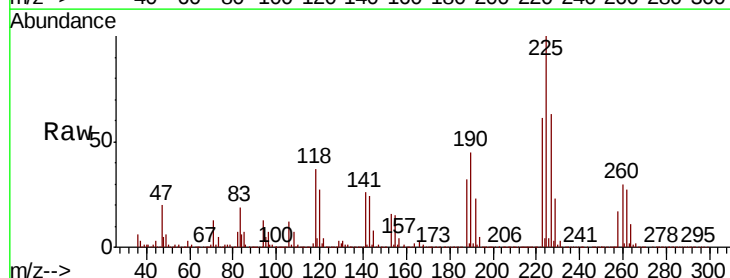
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 17.841 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015446.D
 Acq: 31 Mar 2020 12:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.9	95.7
227	63.8	30.4	91.3

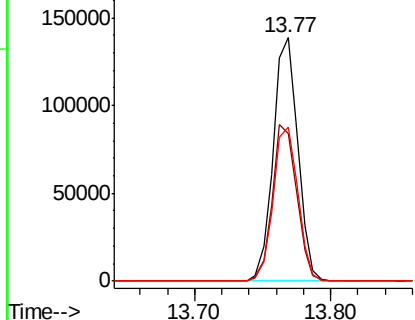
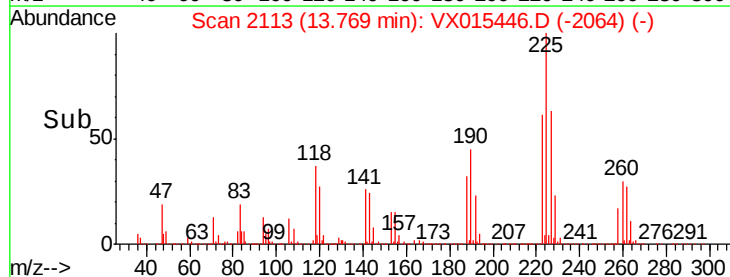


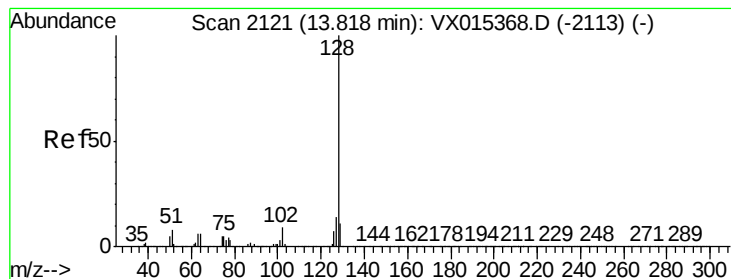
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.922 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. -0.00 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

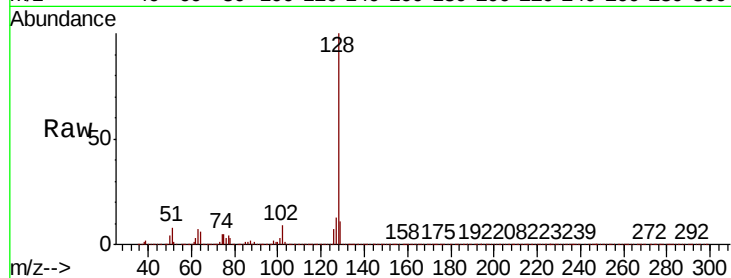
Tot Ion:128 Resp: 1133984

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

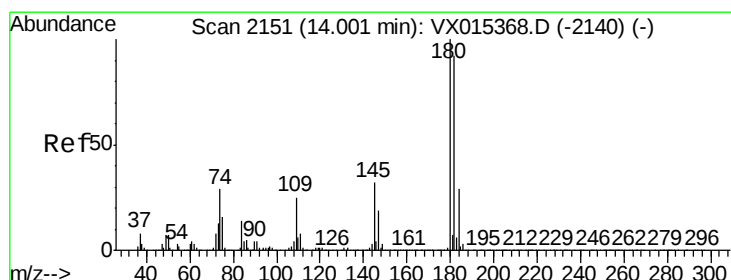
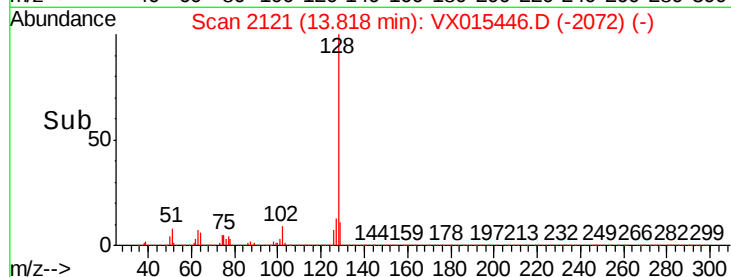
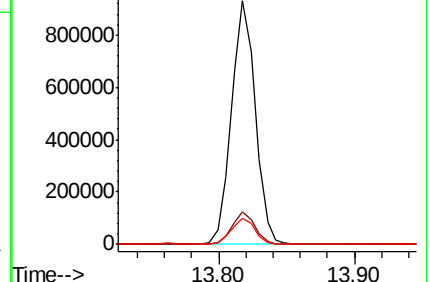
129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.511 ug/l

RT: 14.01 min Scan# 2152

Delta R.T. 0.01 min

Lab File: VX015446.D

Acq: 31 Mar 2020 12:08

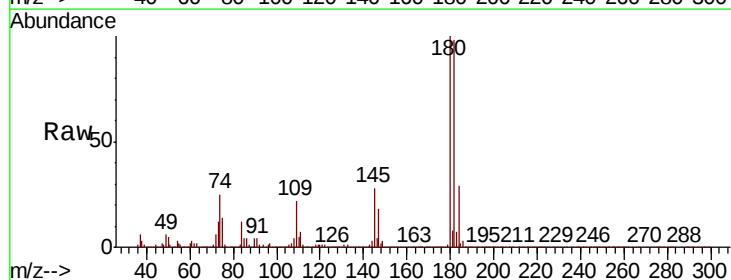
Tgt Ion:180 Resp: 369695

Ion Ratio Lower Upper

180 100

182 95.6 46.7 140.0

145 31.5 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

