

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042020\
 Data File : VX015769.D
 Acq On : 20 Apr 2020 16:35
 Operator : JC/SP
 Sample : VX0420WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 07:57:26 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	988932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1524977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1433956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	758670	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	643407	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
35) Dibromofluoromethane	5.47	113	505328	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
50) Toluene-d8	8.70	98	1859884	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	11.12	95	742929	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	127029	14.580	ug/l	99
3) Chloromethane	1.31	50	116413	10.492	ug/l	99
4) Vinyl Chloride	1.39	62	164103	16.107	ug/l	94
6) Chloroethane	1.71	64	145392	23.010	ug/l	95
7) Trichlorofluoromethane	1.92	101	238810	17.478	ug/l	99
8) Diethyl Ether	2.17	74	102410	17.770	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	161288	18.108	ug/l	96
10) Methyl Iodide	2.49	142	46029	3.833	ug/l	97
11) Tert butyl alcohol	3.01	59	240999	72.188	ug/l	98
12) 1,1-Dichloroethene	2.36	96	161747	17.324	ug/l	97
13) Acrolein	2.27	56	180954	95.151	ug/l	99
14) Allyl chloride	2.71	41	340156	15.592	ug/l	97
15) Acrylonitrile	3.12	53	554657	87.118	ug/l	99
16) Acetone	2.42	43	488718	81.558	ug/l	96
17) Carbon Disulfide	2.55	76	783451	27.507	ug/l	99
18) Methyl Acetate	2.75	43	274594	17.954	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	627819	17.338	ug/l	99
20) Methylene Chloride	2.84	84	188825	16.870	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	175519	16.939	ug/l	97
22) Diisopropyl ether	3.83	45	681799	17.637	ug/l	97
23) Vinyl Acetate	3.79	43	3009905	85.996	ug/l	100
24) 1,1-Dichloroethane	3.67	63	342686	16.837	ug/l	100
25) 2-Butanone	4.64	43	812172	84.278	ug/l	99
26) 2,2-Dichloropropane	4.56	77	278580	16.675	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	212950	17.764	ug/l	97
28) Bromochloromethane	4.99	49	172162	17.716	ug/l	92
29) Tetrahydrofuran	5.09	42	518889	83.755	ug/l	98
30) Chloroform	5.18	83	340993	17.414	ug/l	96
31) Cyclohexane	5.55	56	293107	16.600	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	298617	16.850	ug/l	98
36) 1,1-Dichloropropene	5.77	75	249147	17.732	ug/l	98
37) Ethyl Acetate	4.80	43	315545	17.247	ug/l	100
38) Carbon Tetrachloride	5.76	117	258746	17.002	ug/l	97
39) Methylcyclohexane	7.45	83	286019	17.655	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 07:57:26 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)
40) Benzene	6.12	78	746365	18.134	ug/l	98
41) Methacrylonitrile	5.01	41	183391	18.057	ug/l	99
42) 1,2-Dichloroethane	6.17	62	285086	17.244	ug/l	97
43) Isopropyl Acetate	6.42	43	535379	17.335	ug/l	100
44) Trichloroethene	7.19	130	206524	18.398	ug/l	98
45) 1,2-Dichloropropane	7.50	63	205252	18.229	ug/l	98
46) Dibromomethane	7.64	93	135284	18.316	ug/l	96
47) Bromodichloromethane	7.88	83	270931	17.215	ug/l	98
48) Methyl methacrylate	7.75	41	263104	17.055	ug/l	95
49) 1,4-Dioxane	7.72	88	87792	305.066	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1596549	91.216	ug/l	99
52) Toluene	8.77	92	477126	18.803	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	299468	16.224	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	333039	17.713	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	198341	19.078	ug/l	97
56) Ethyl methacrylate	9.16	69	324226	17.695	ug/l	95
57) 1,3-Dichloropropane	9.36	76	337191	18.001	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	702317	78.804	ug/l	100
59) 2-Hexanone	9.47	43	1200922	90.881	ug/l	99
60) Dibromochloromethane	9.57	129	218255	17.470	ug/l	99
61) 1,2-Dibromoethane	9.65	107	208022	18.402	ug/l	99
64) Tetrachloroethene	9.32	164	190665	17.619	ug/l	98
65) Chlorobenzene	10.12	112	524386	18.337	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	203200	17.786	ug/l	100
67) Ethyl Benzene	10.24	91	918524	18.110	ug/l	100
68) m/p-Xylenes	10.34	106	694187	36.756	ug/l	99
69) o-Xylene	10.68	106	341747	18.311	ug/l	99
70) Stvrene	10.70	104	596910	18.176	ug/l	98
71) Bromoform	10.84	173	169157	16.264	ug/l #	98
73) Isopropylbenzene	11.00	105	909892	18.304	ug/l	99
74) N-amyl acetate	10.88	43	467038	16.893	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	308263	18.072	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	328148	21.033	ug/l	83
77) Bromobenzene	11.24	156	249615	18.825	ug/l	94
78) n-propylbenzene	11.34	91	1040467	18.305	ug/l	100
79) 2-Chlorotoluene	11.40	91	621913	17.851	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	785406	18.500	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	78791	12.118	ug/l	97
82) 4-Chlorotoluene	11.49	91	733400	17.957	ug/l	99
83) tert-Butylbenzene	11.76	119	774428	18.675	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	810541	18.736	ug/l	100
85) sec-Butylbenzene	11.93	105	885846	18.471	ug/l	100
86) p-Isopropyltoluene	12.05	119	862421	19.370	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	445239	18.757	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	454059	18.780	ug/l	100
89) n-Butylbenzene	12.37	91	747949	18.590	ug/l	99
90) Hexachloroethane	12.58	117	129977	14.999	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	434274	18.695	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	73802	15.330	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	347837	18.930	ug/l	97

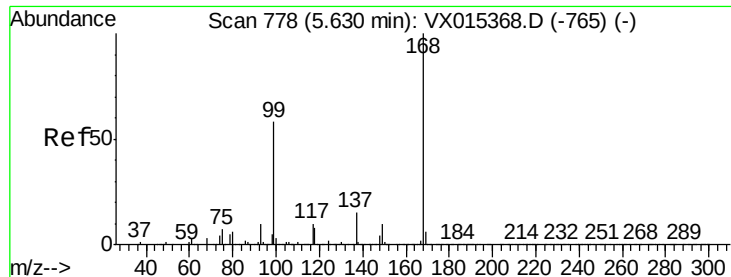
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042020\
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Instrument :
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ClientSampleId :

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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)
94) Hexachlorobutadiene	13.77	225	150199	17.169	ug/l	95
95) Naphthalene	13.82	128	1050153	18.736	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	336008	18.993	ug/l	97

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

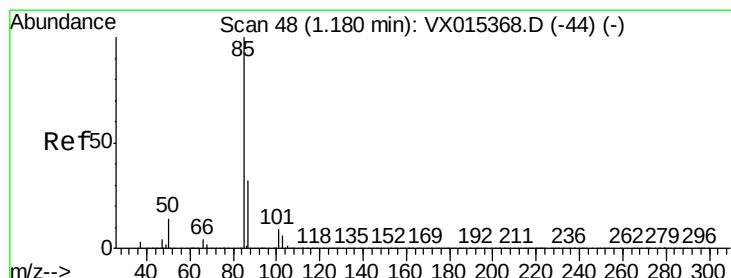
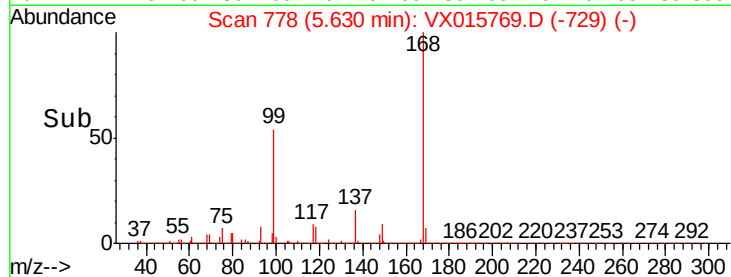
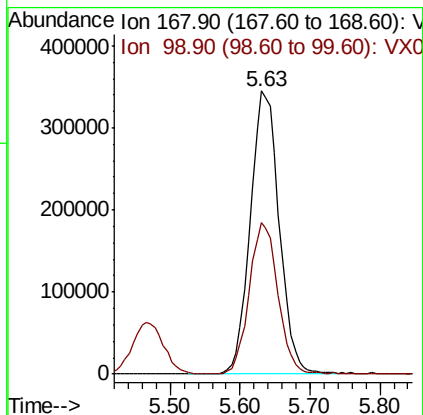
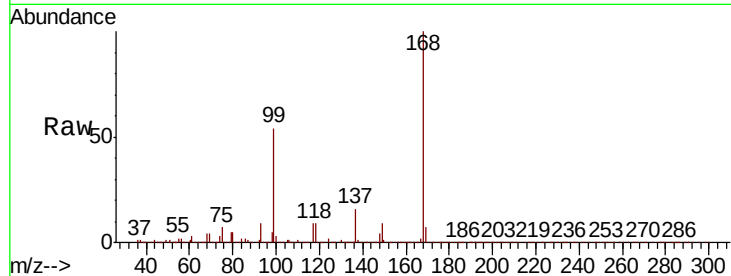


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: VX015769.D
 Acq: 20 Apr 2020 16:35

Instrument :
 MSVOA_X
 ClientSampleId :

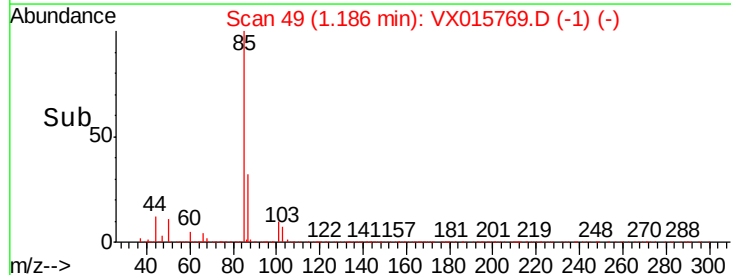
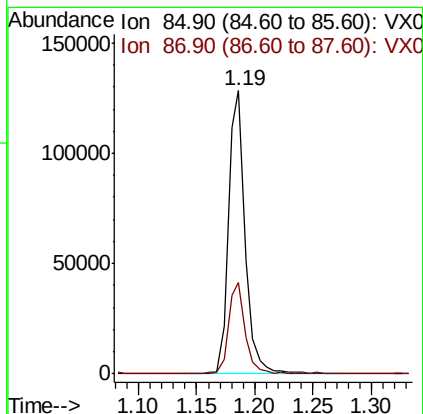
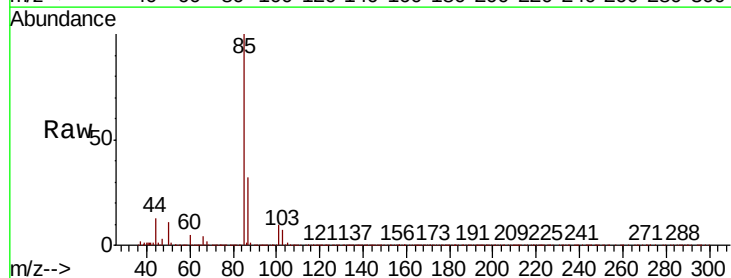
Tot Ion	Ratio	Lower	Upper
168	100		
99	53.3	46.4	69.6

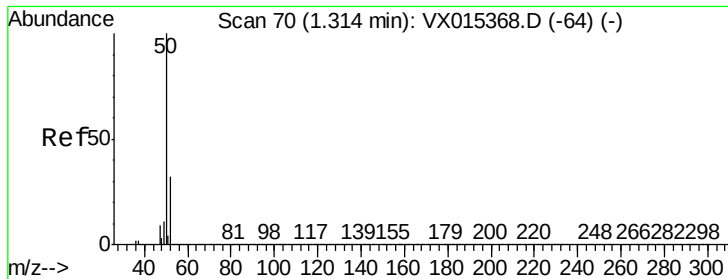


#2

Dichlorodifluoromethane
 Concen: 14.580 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.01 min
 Lab File: VX015769.D
 Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.0	47.9

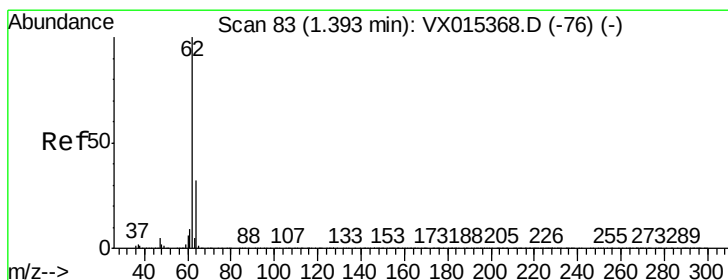
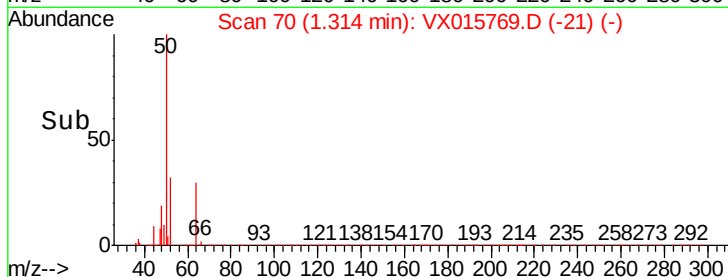
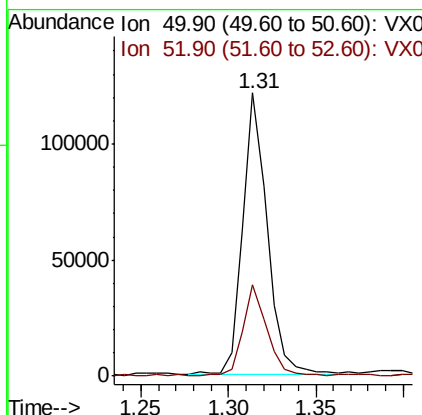
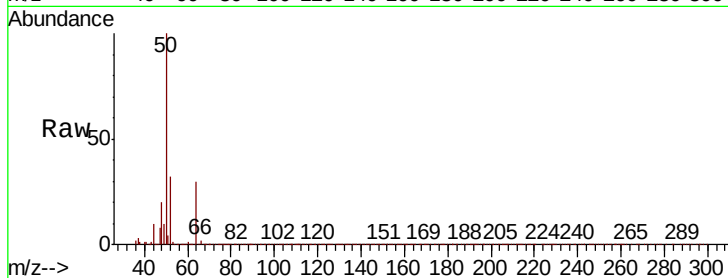




#3
Chloromethane
Concen: 10.492 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

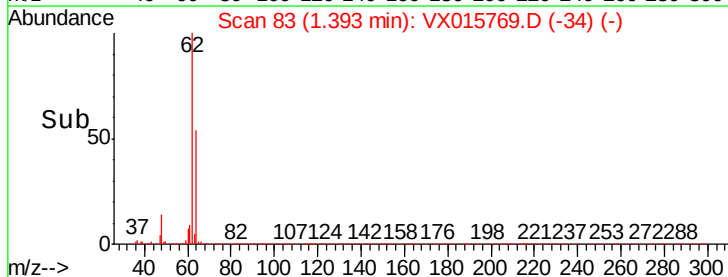
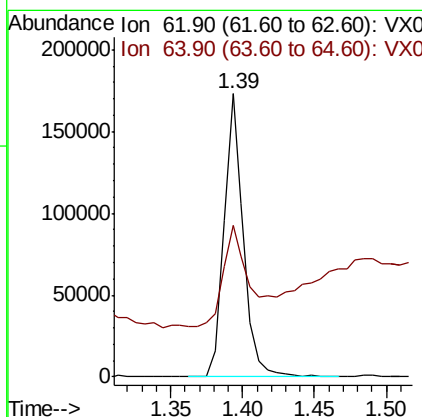
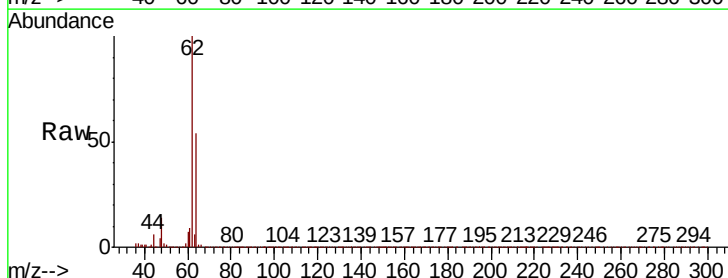
Instrument :
MSVOA_X
ClientSampleId :

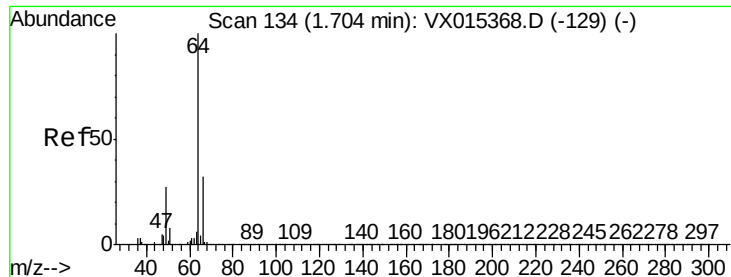
Tot Ion: 50 Resp: 116413
Ion Ratio Lower Upper
50 100
52 32.3 25.3 37.9



#4
Vinyl Chloride
Concen: 16.107 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion: 62 Resp: 164103
Ion Ratio Lower Upper
62 100
64 35.9 26.0 39.0





#6

Chloroethane

Concen: 23.010 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

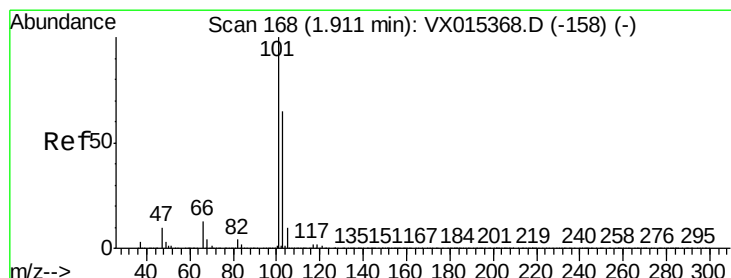
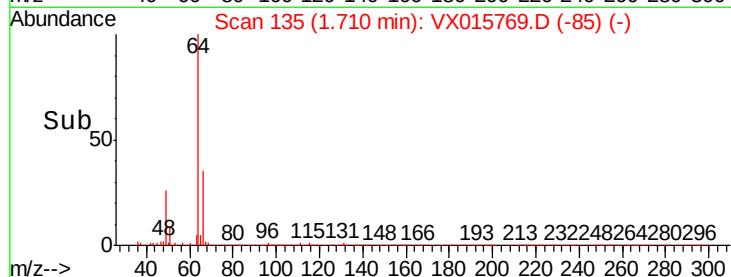
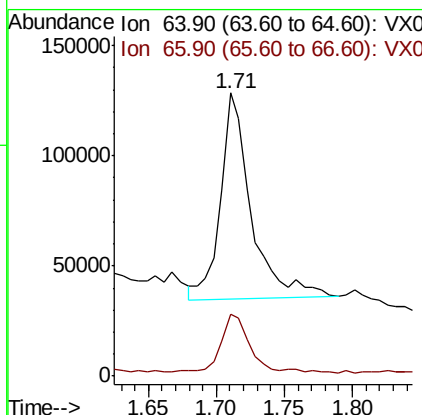
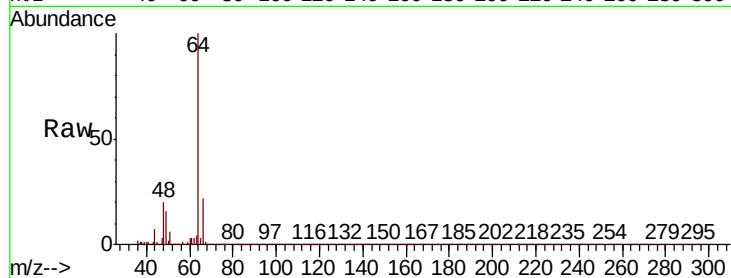
ClientSampled :

Tot Ion: 64 Resp: 145392

Ion Ratio Lower Upper

64 100

66 28.8 25.4 38.2



#7

Trichlorofluoromethane

Concen: 17.478 ug/l

RT: 1.92 min Scan# 169

Delta R.T. 0.01 min

Lab File: VX015769.D

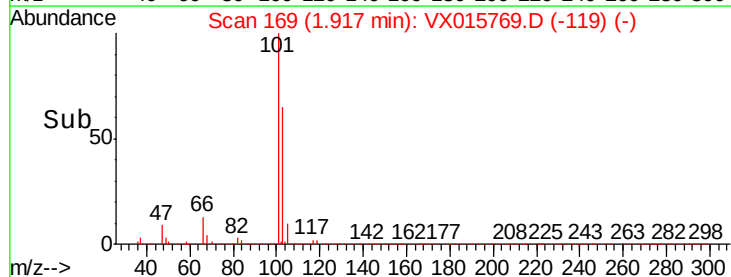
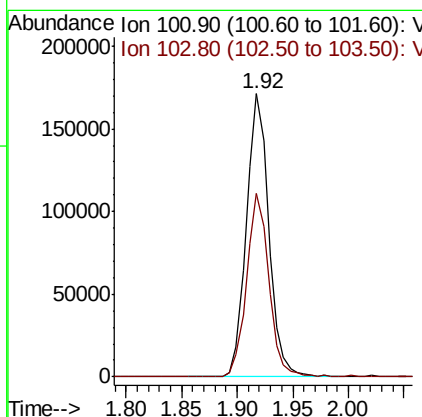
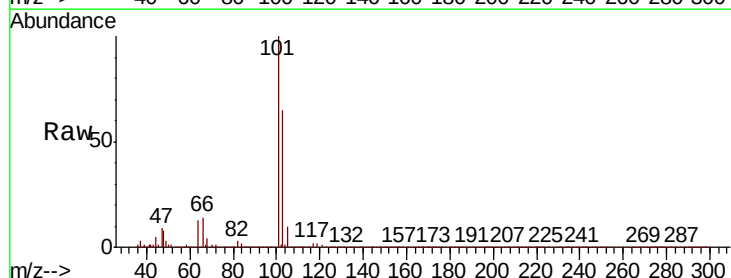
Acq: 20 Apr 2020 16:35

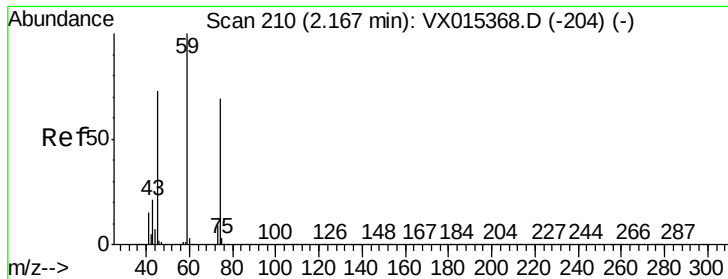
Tgt Ion: 101 Resp: 238810

Ion Ratio Lower Upper

101 100

103 64.7 52.3 78.5





#8

Diethyl Ether

Concen: 17.770 ug/l

RT: 2.17 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

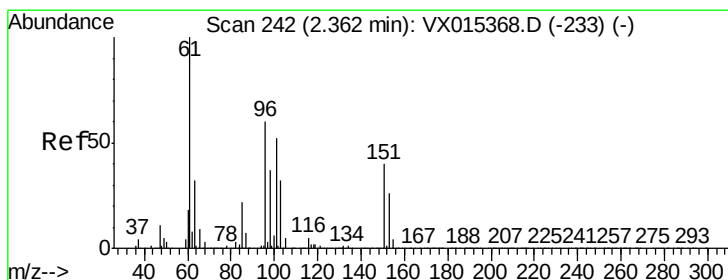
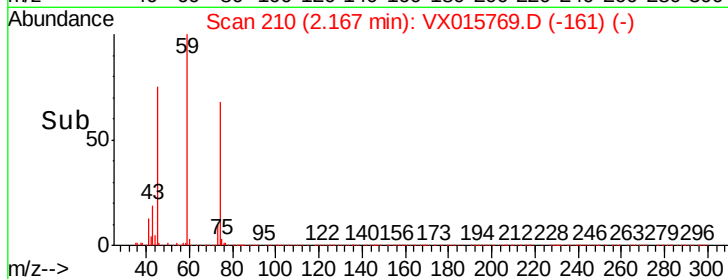
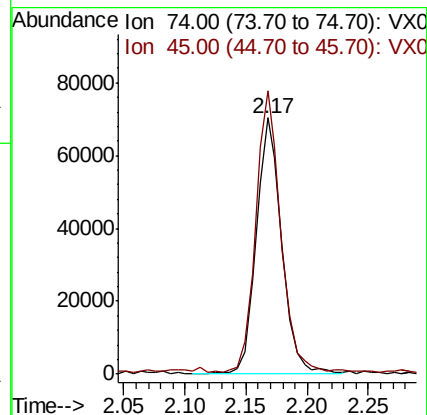
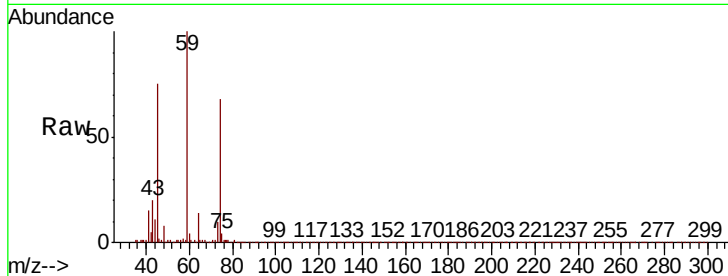
ClientSampleId :

Tot Ion: 74 Resp: 102410

Ion Ratio Lower Upper

74 100

45 106.1 53.8 161.4



#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.108 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

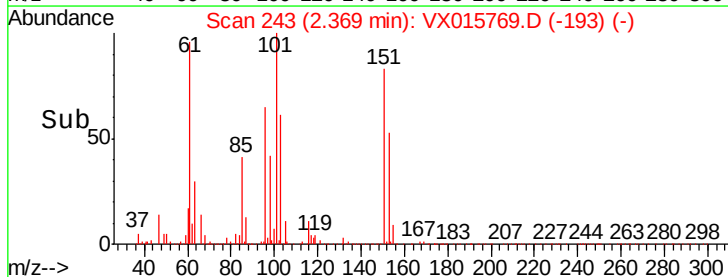
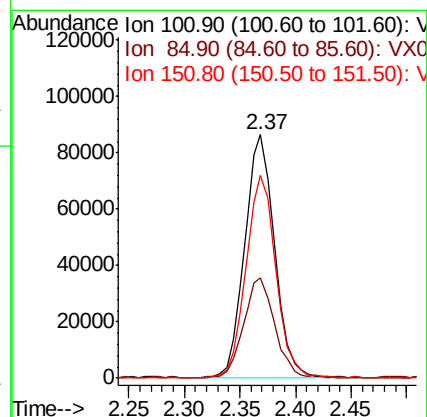
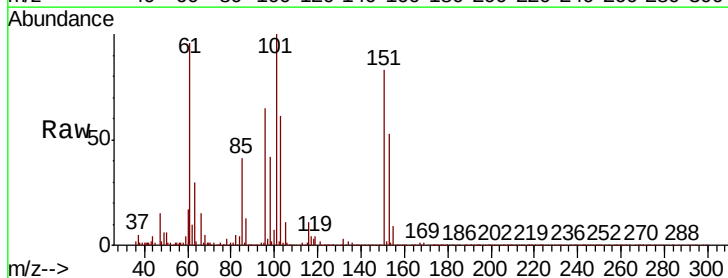
Tgt Ion:101 Resp: 161288

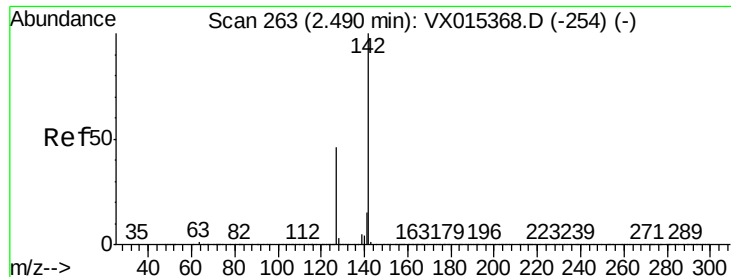
Ion Ratio Lower Upper

101 100

85 41.9 35.0 52.4

151 83.5 64.1 96.1

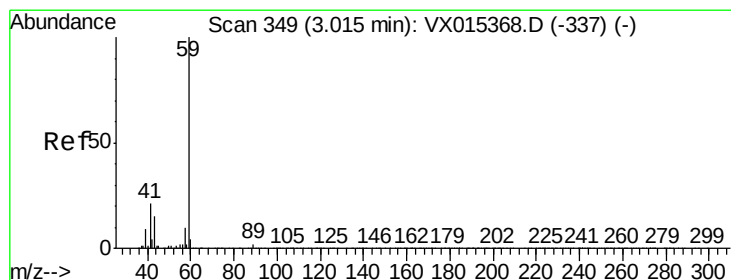
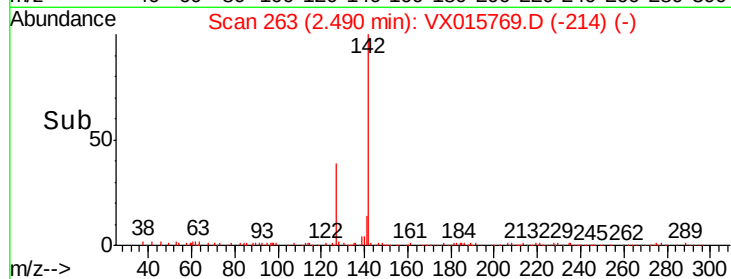
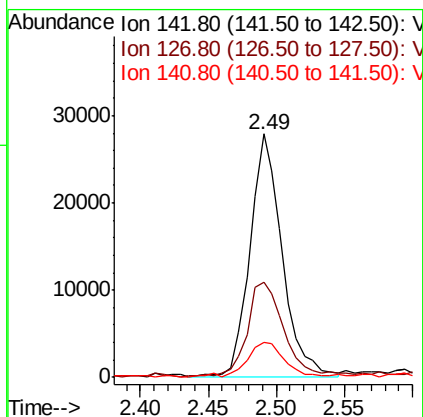
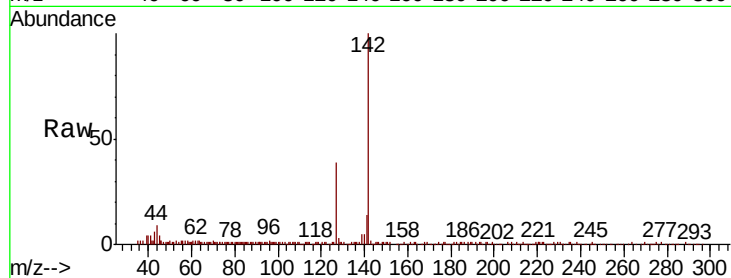




#10
Methvl Iodide
Concen: 3.833 ug/l
RT: 2.49 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

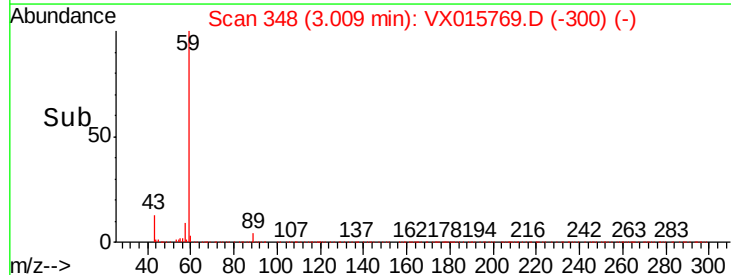
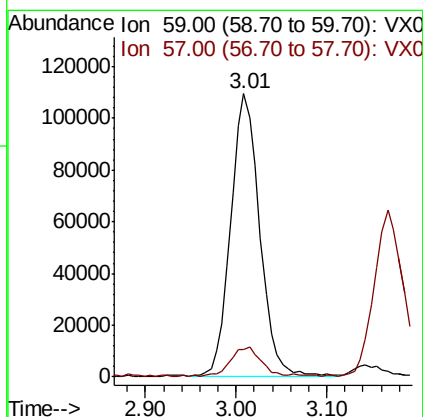
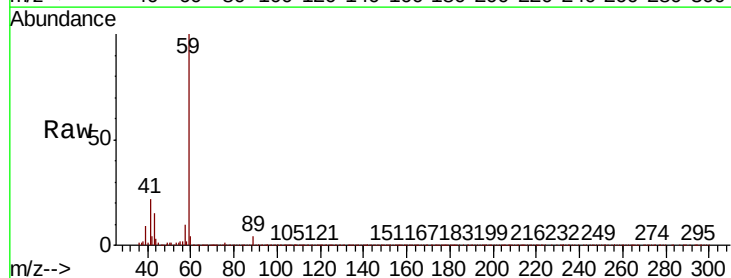
Instrument :
MSVOA_X
ClientSampleId :

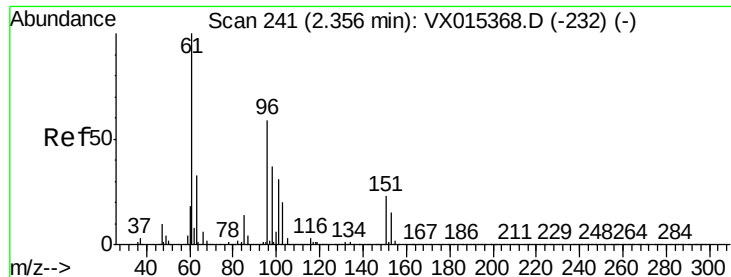
Tot Ion	Ratio	Lower	Upper
142	100		
127	46.2	35.9	53.9
141	17.2	11.6	17.4



#11
Tert butyl alcohol
Concen: 72.188 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.1	12.1

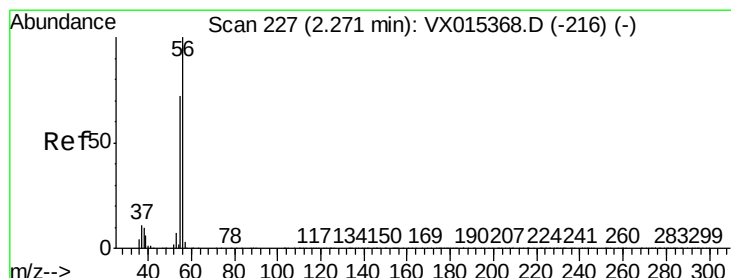
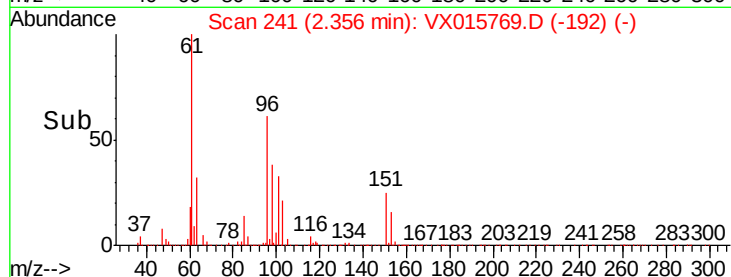
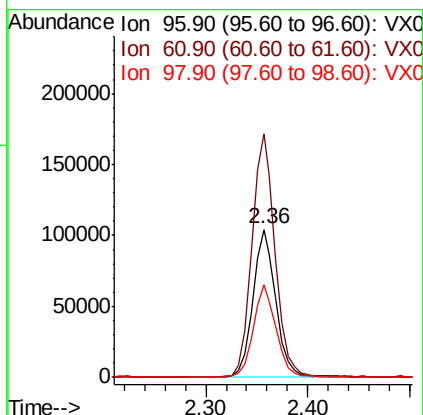
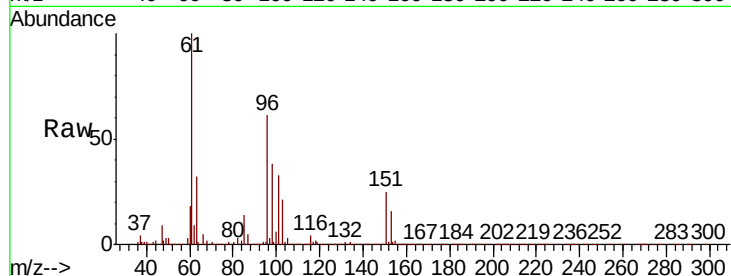




#12
1,1-Dichloroethene
Concen: 17.324 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

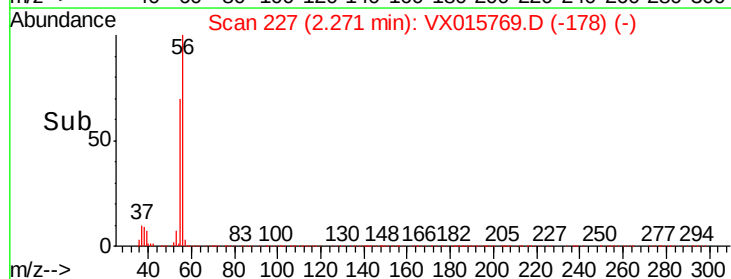
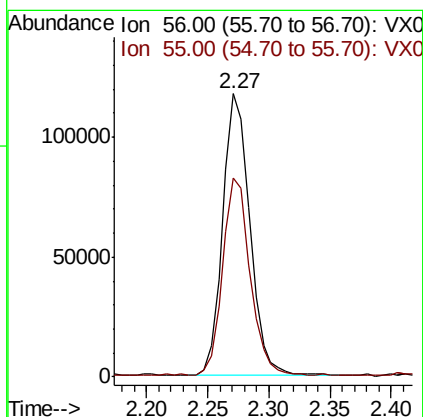
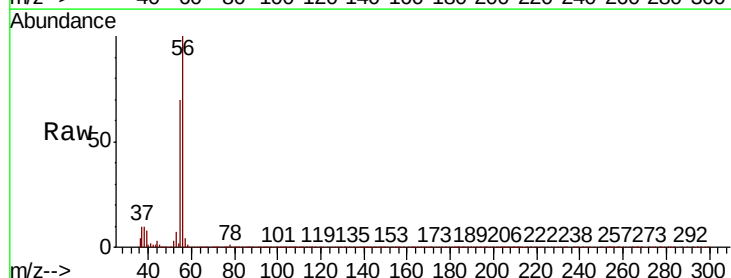
Instrument :
MSVOA_X
ClientSampleId :

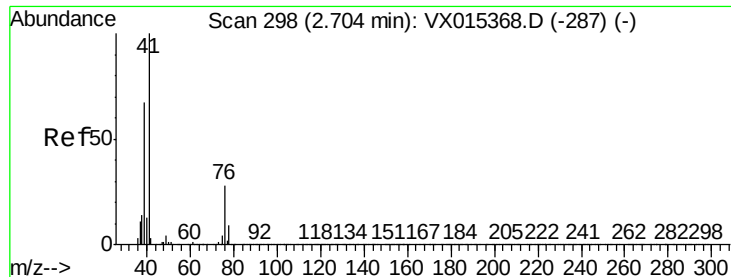
Tot Ion	Ratio	Lower	Upper
96	100		
61	164.1	135.7	203.5
98	62.4	50.6	75.8



#13
Acrolein
Concen: 95.151 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.8	57.0	85.4

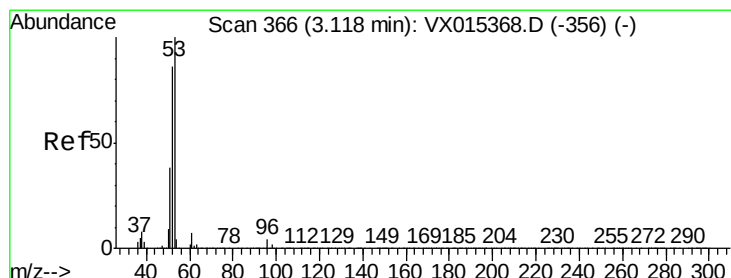
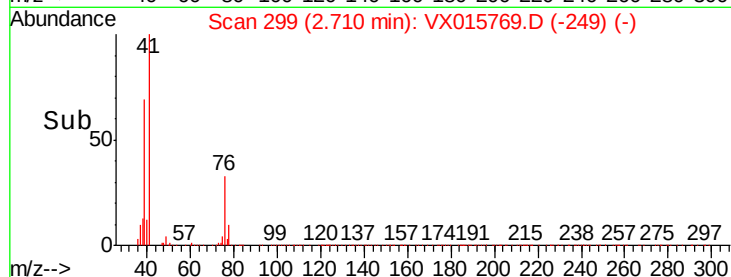
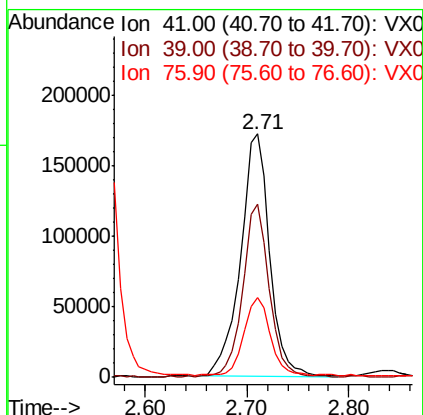
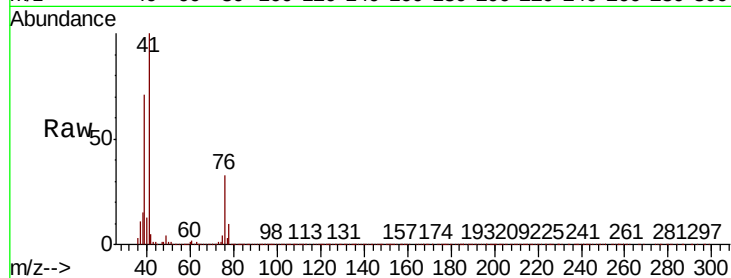




#14
Allvl chloride
Concen: 15.592 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.01 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

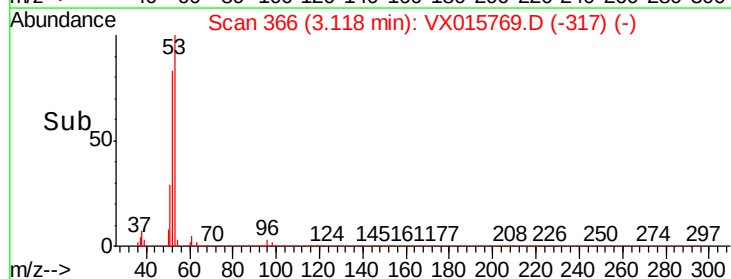
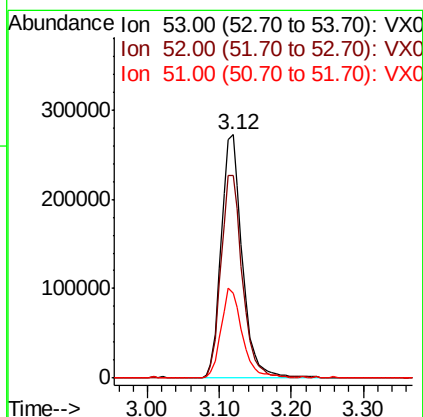
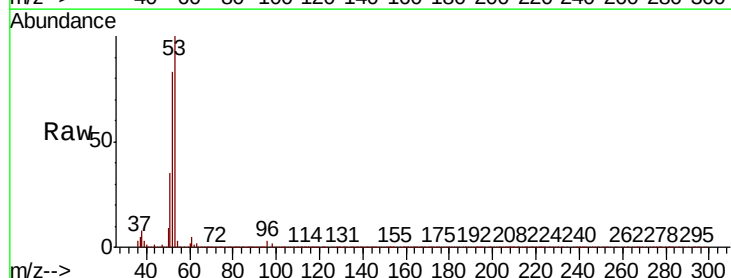
Instrument :
MSVOA_X
ClientSampleId :

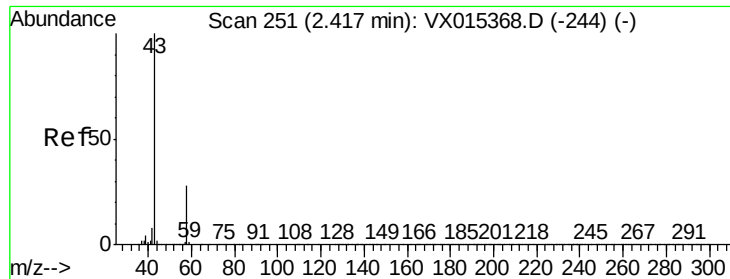
Tot Ion: 41 Resp: 340156
Ion Ratio Lower Upper
41 100
39 66.2 51.4 77.0
76 29.7 21.8 32.8



#15
Acrylonitrile
Concen: 87.118 ug/l
RT: 3.12 min Scan# 366
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion: 53 Resp: 554657
Ion Ratio Lower Upper
53 100
52 84.6 66.8 100.2
51 37.0 29.5 44.3

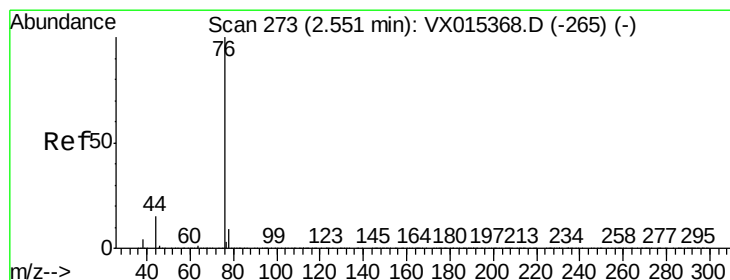
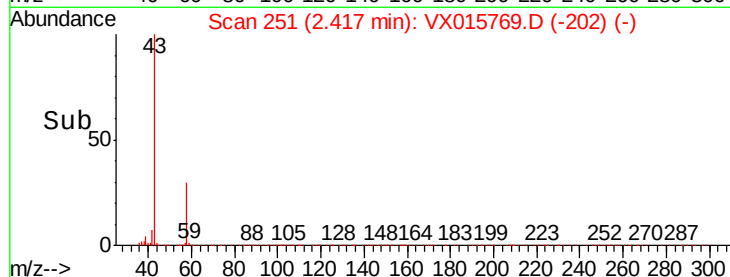
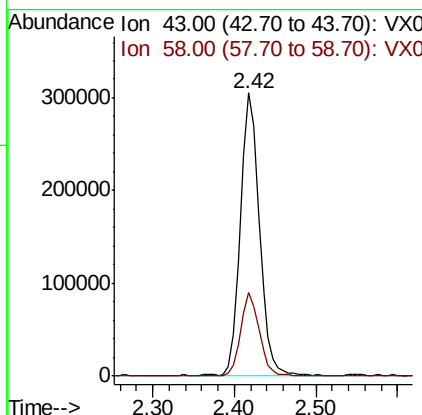
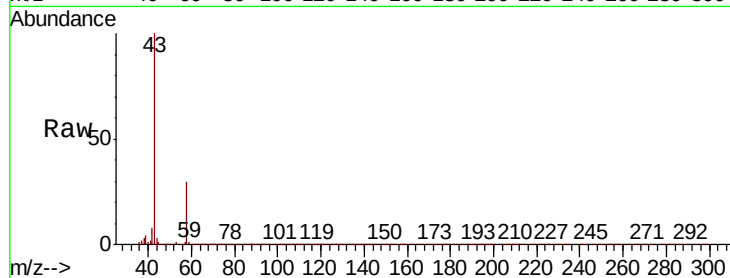




#16
Acetone
Concen: 81.558 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

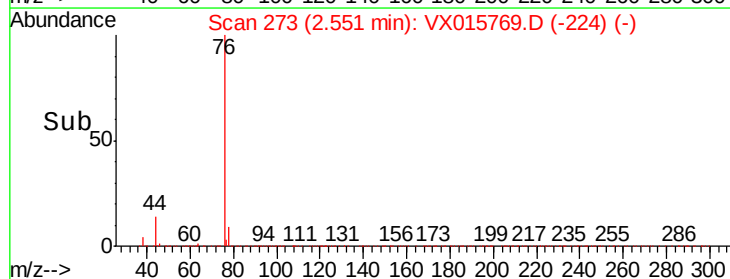
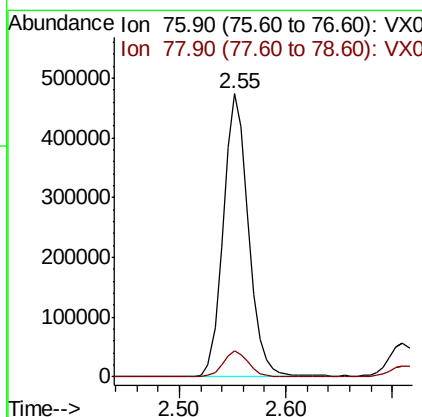
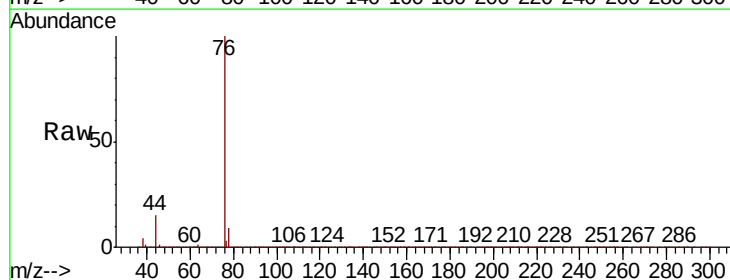
Instrument :
MSVOA_X
ClientSampleId :

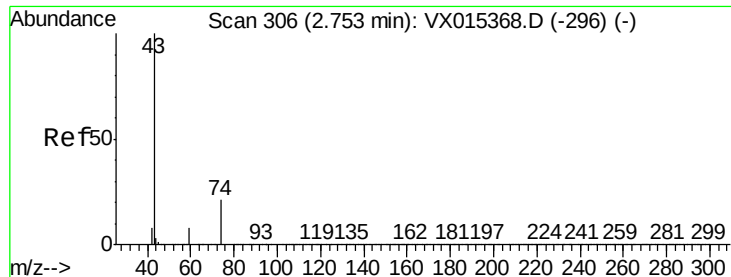
Tot Ion: 43 Resp: 488718
Ion Ratio Lower Upper
43 100
58 29.5 22.1 33.1



#17
Carbon Disulfide
Concen: 27.507 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion: 76 Resp: 783451
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

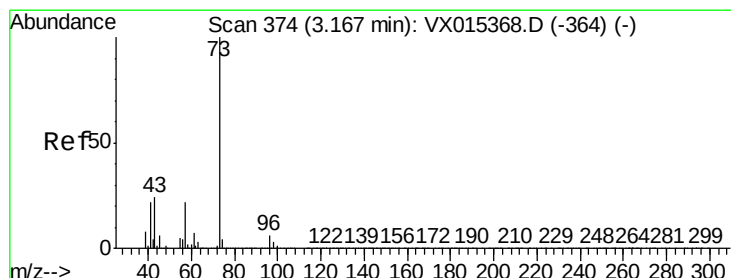
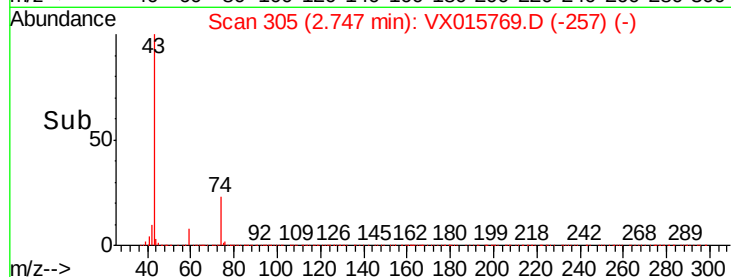
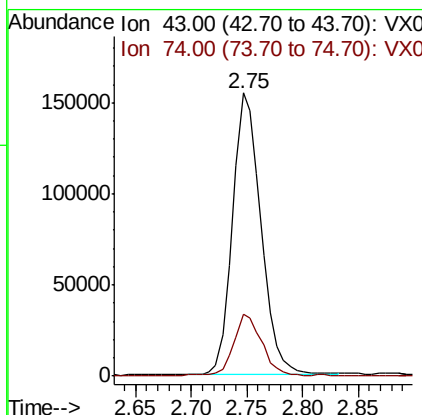
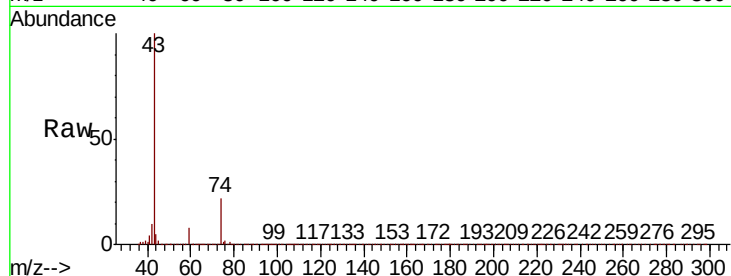




#18
Methyl Acetate
Concen: 17.954 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

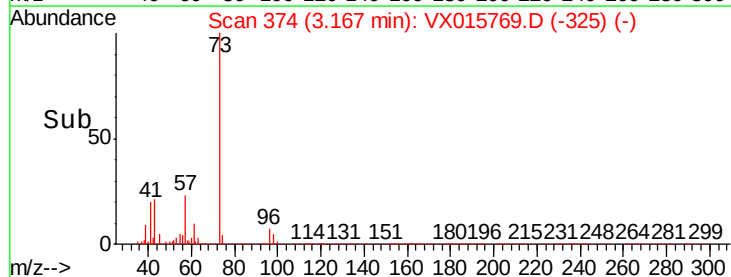
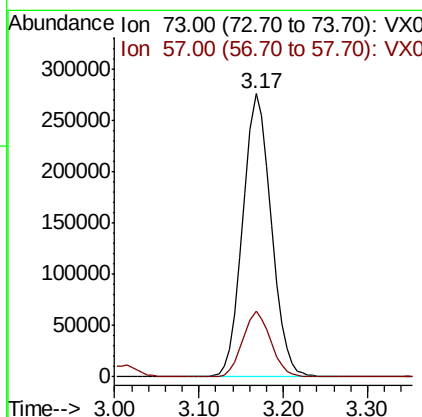
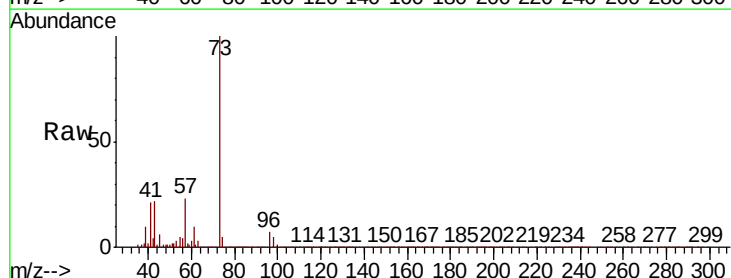
Instrument :
MSVOA_X
ClientSampleId :

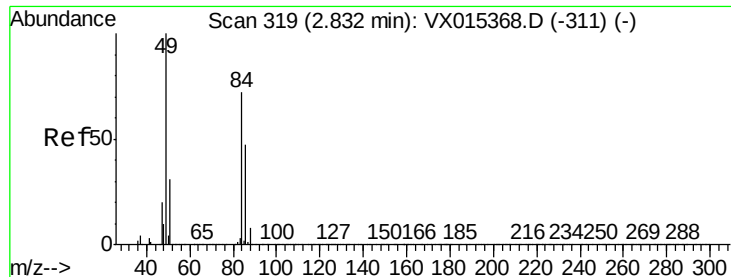
Tot Ion: 43 Resp: 274594
Ion Ratio Lower Upper
43 100
74 22.3 16.5 24.7



#19
Methyl tert-butyl Ether
Concen: 17.338 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion: 73 Resp: 627819
Ion Ratio Lower Upper
73 100
57 23.1 17.9 26.9

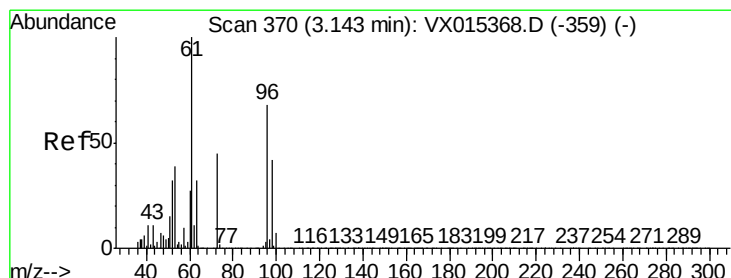
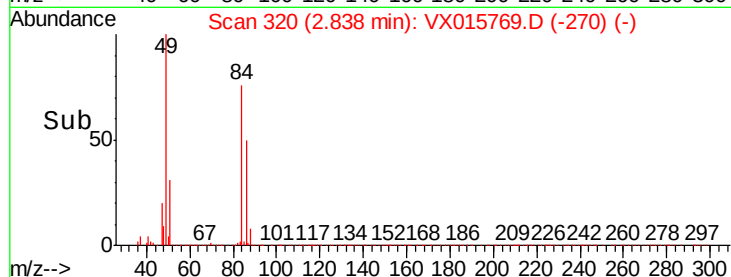
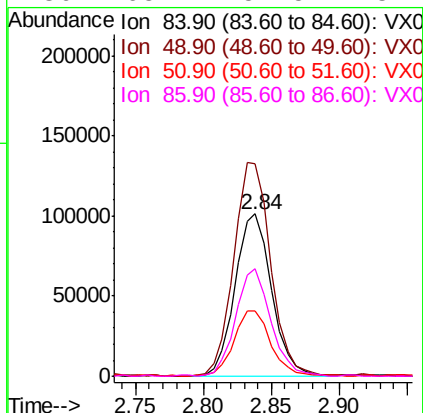
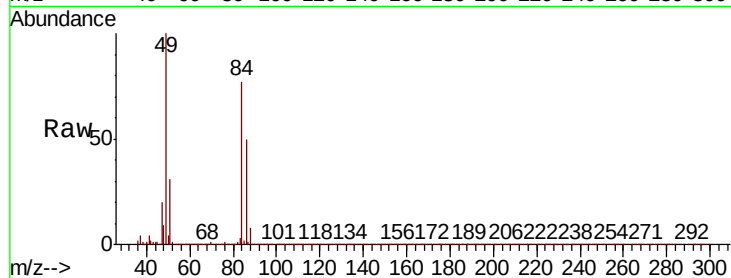




#20
Methylene Chloride
Concen: 16.870 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

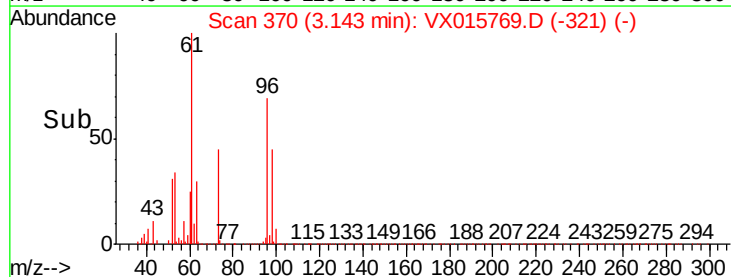
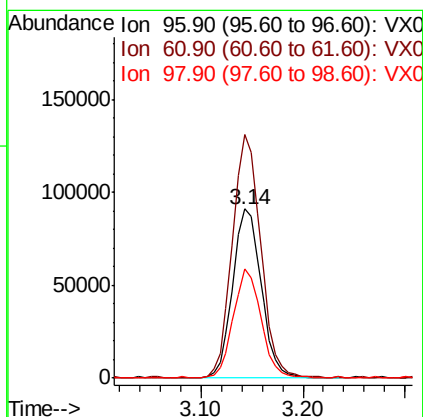
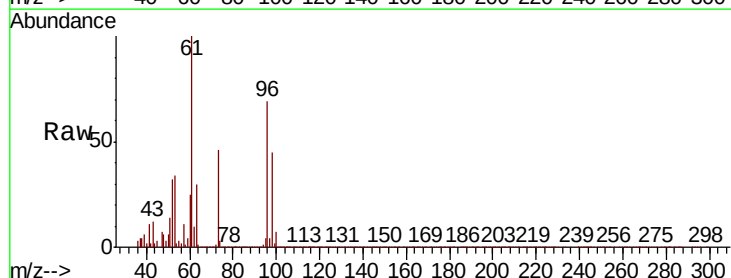
Instrument :
MSVOA_X
ClientSampleId :

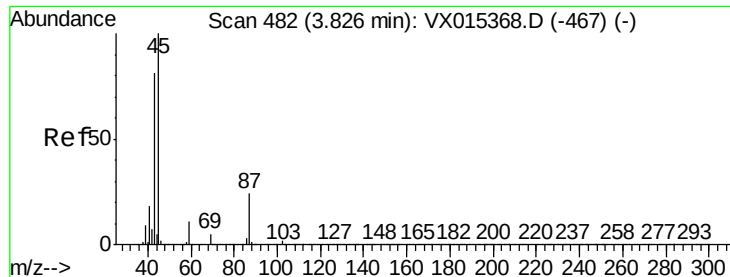
Tot Ion:	84	Resp:	188825
Ion	Ratio	Lower	Upper
84	100		
49	130.5	111.3	166.9
51	39.9	34.0	51.0
86	65.7	52.5	78.7



#21
trans-1,2-Dichloroethene
Concen: 16.939 ug/l
RT: 3.14 min Scan# 370
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion:	96	Resp:	175519
Ion	Ratio	Lower	Upper
96	100		
61	144.3	116.9	175.3
98	64.9	48.6	73.0



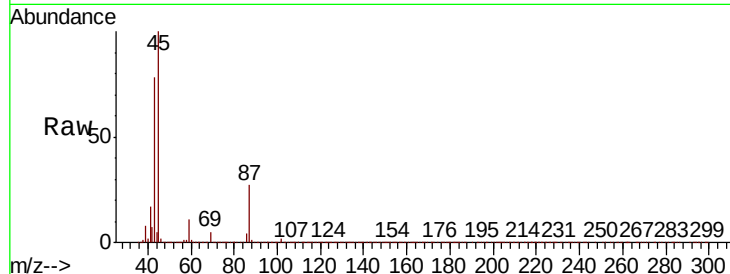


#22

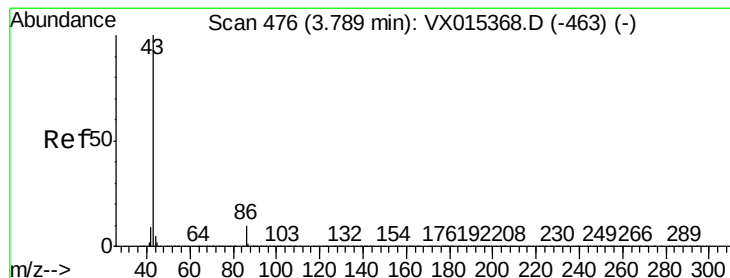
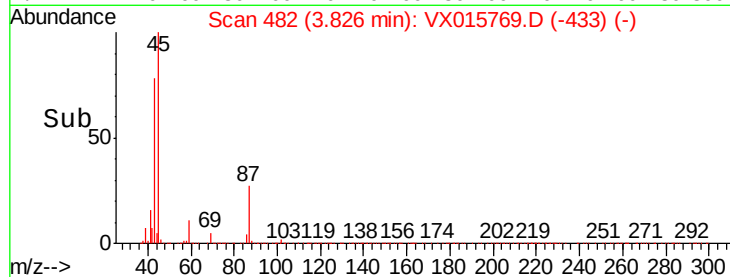
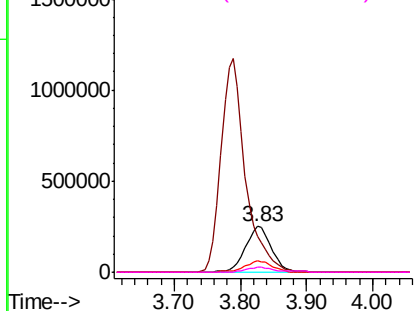
Diisopropyl ether
Concen: 17.637 ug/l
RT: 3.83 min Scan# 482
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	45	Resp:	681799
Ion	Ratio	Lower	Upper
45	100		
43	77.8	64.7	97.1
87	26.4	19.4	29.0
59	11.0	8.7	13.1



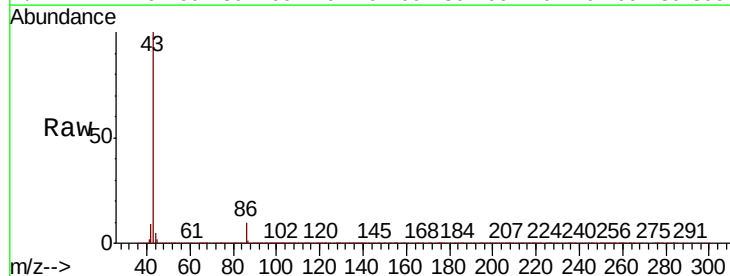
Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0



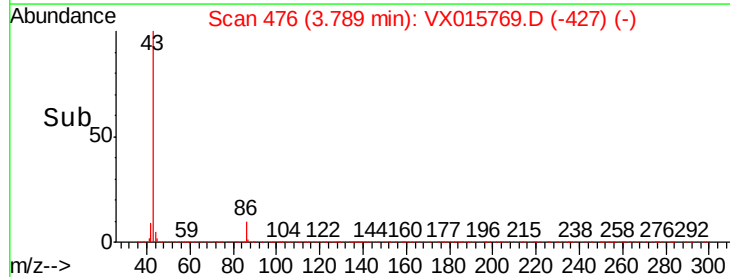
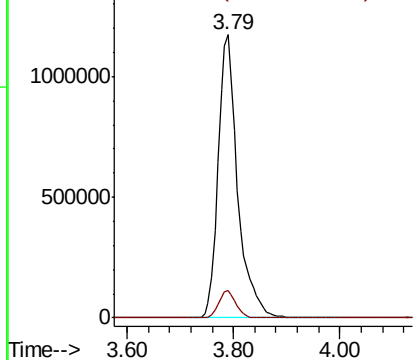
#23

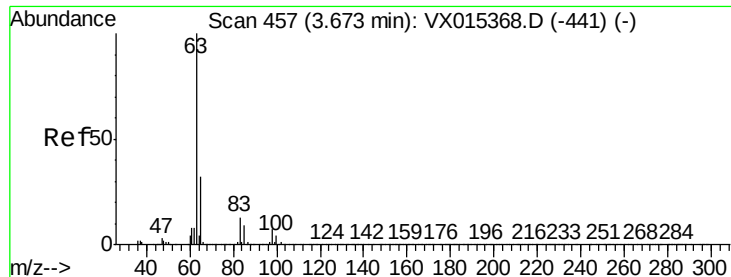
Vinyl Acetate
Concen: 85.996 ug/l
RT: 3.79 min Scan# 476
Delta R.T. 0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion:	43	Resp:	3009905
Ion	Ratio	Lower	Upper
43	100		
86	9.6	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: 16.837 ug/l

RT: 3.67 min Scan# 457

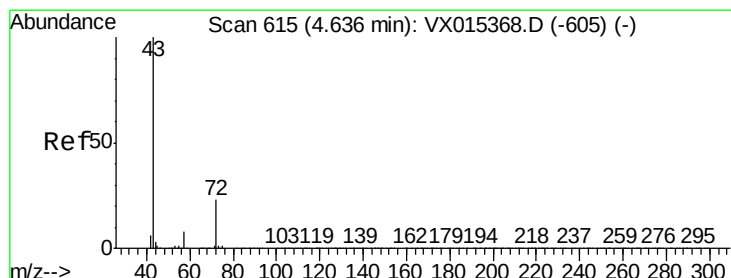
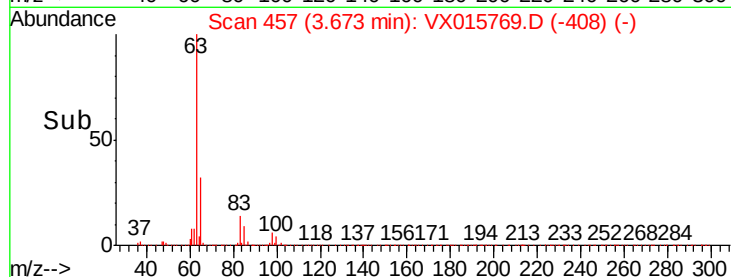
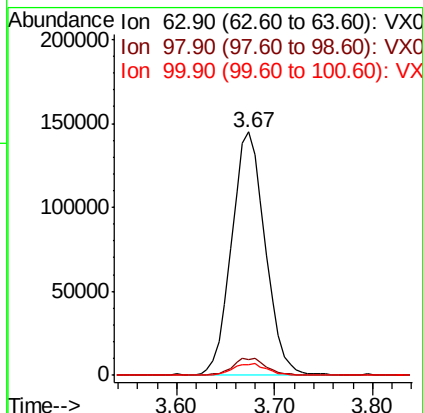
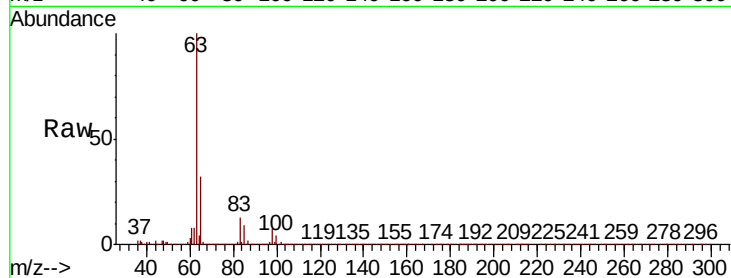
Delta R.T. 0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	63	Resp:	342686
Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.3	9.8
100	4.3	2.1	6.5



#25

2-Butanone

Concen: 84.278 ug/l

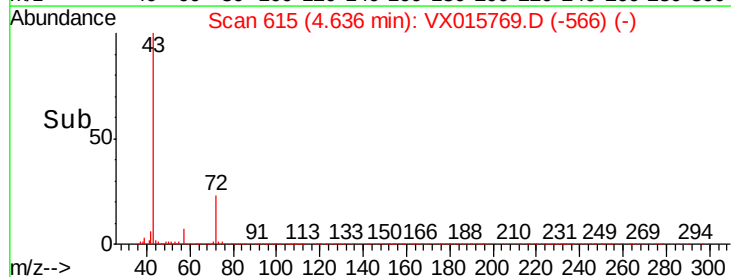
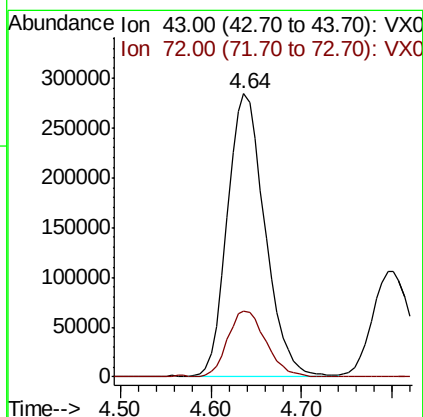
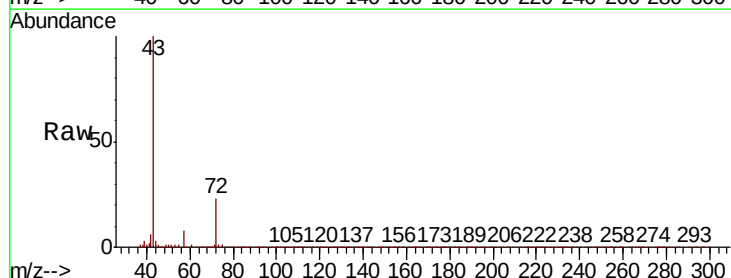
RT: 4.64 min Scan# 615

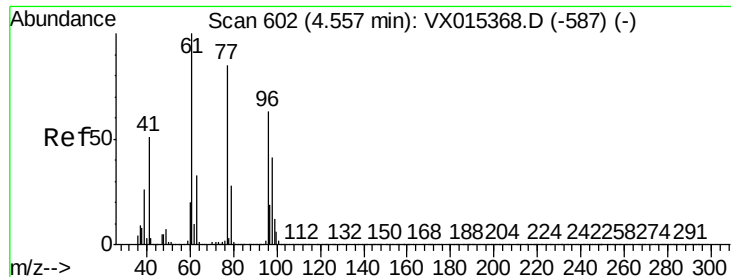
Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Tgt Ion:	43	Resp:	812172
Ion	Ratio	Lower	Upper
43	100		
72	23.0	19.0	28.4





#26

2,2-Dichloropropane

Concen: 16.675 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

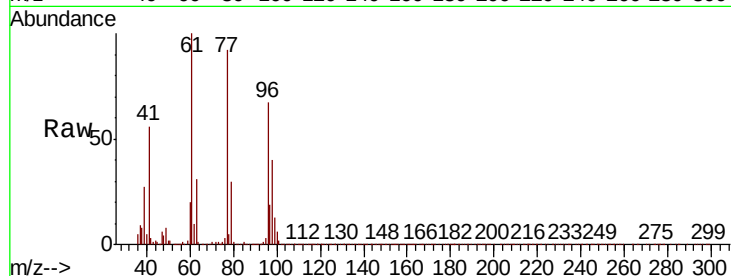
ClientSampled :

Tot Ion: 77 Resp: 278580

Ion Ratio Lower Upper

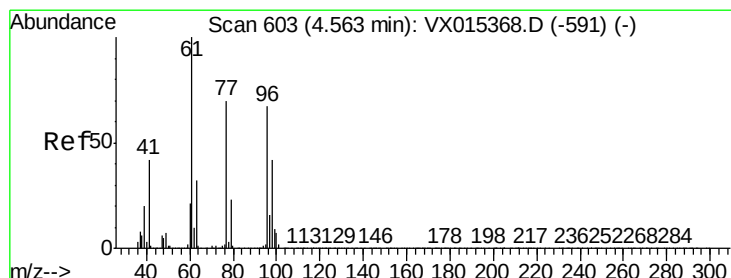
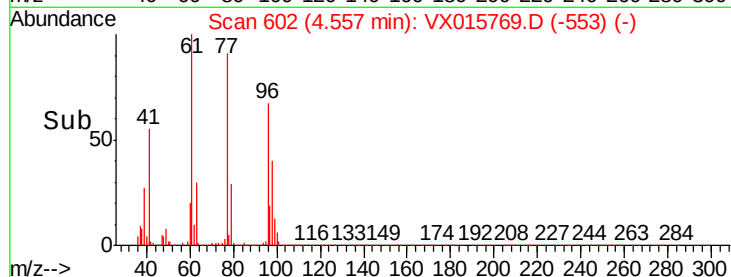
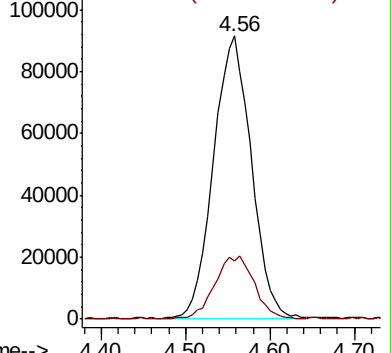
77 100

97 23.0 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 17.764 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

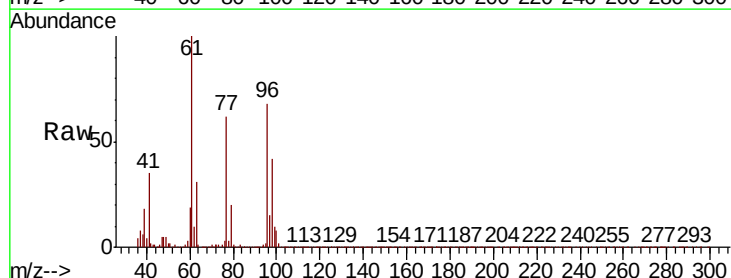
Tgt Ion: 96 Resp: 212950

Ion Ratio Lower Upper

96 100

61 149.2 0.0 308.4

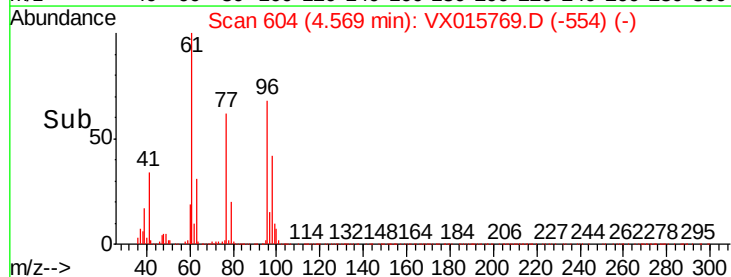
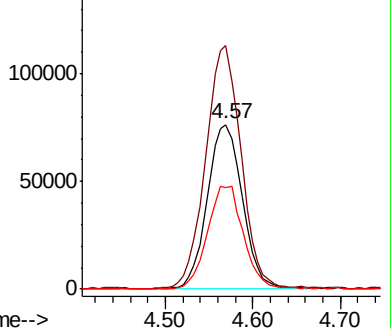
98 63.4 0.0 129.2

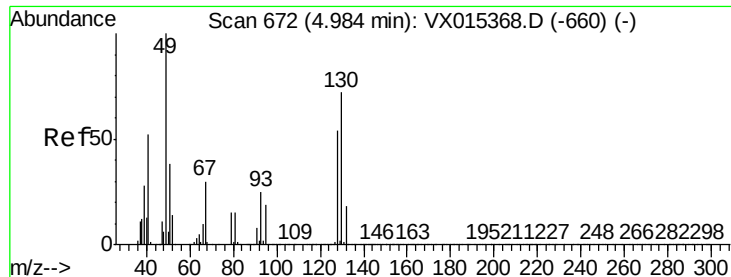


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#28

Bromochloromethane

Concen: 17.716 ug/l

RT: 4.99 min Scan# 673

Delta R.T. 0.01 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :

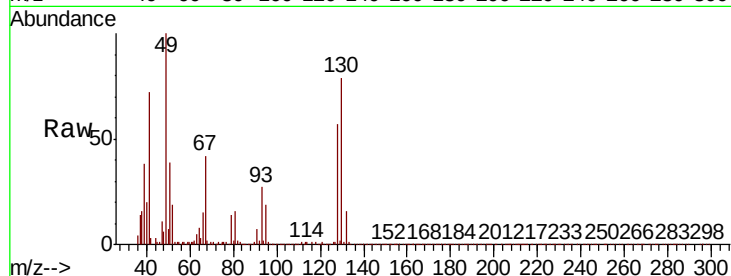
Tot Ion: 49 Resp: 172162

Ion Ratio Lower Upper

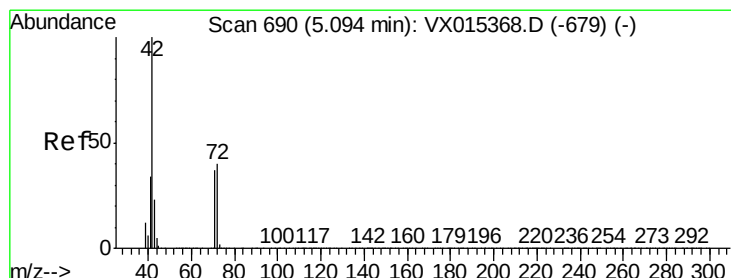
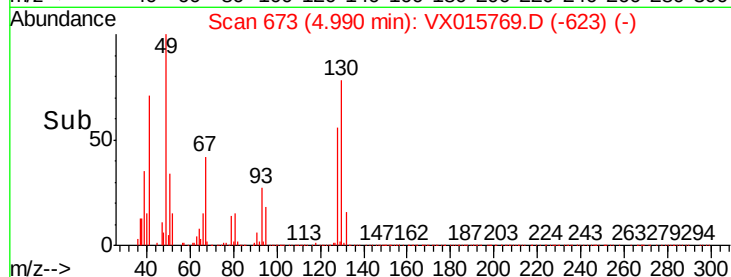
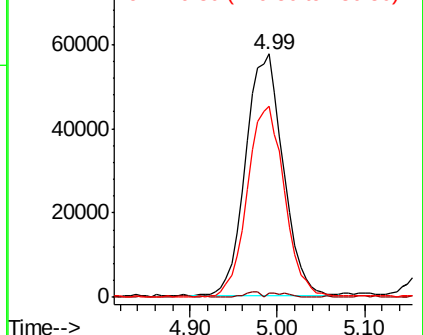
49 100

129 1.1 0.0 4.4

130 78.8 57.7 86.5



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 83.755 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

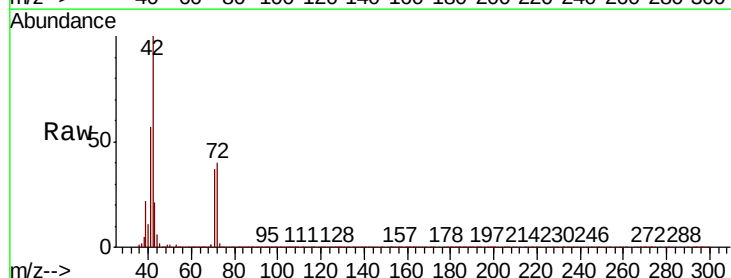
Tgt Ion: 42 Resp: 518889

Ion Ratio Lower Upper

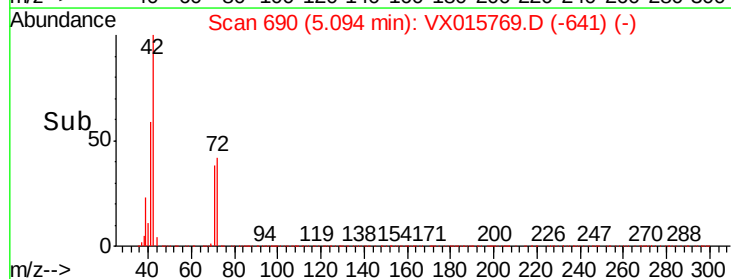
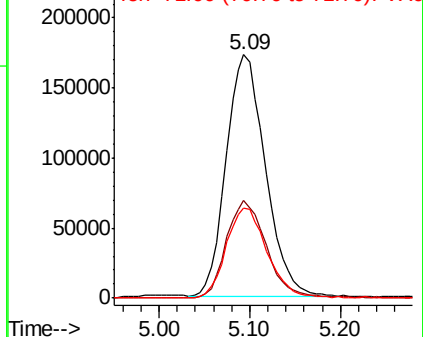
42 100

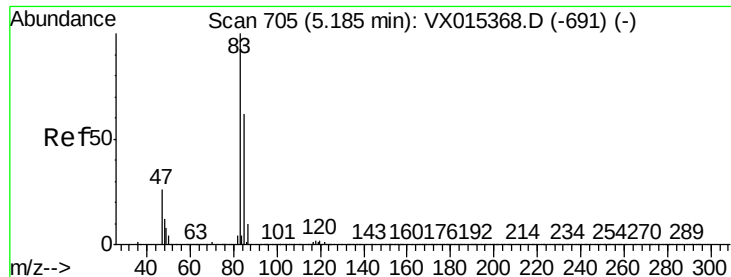
72 41.2 31.7 47.5

71 37.9 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

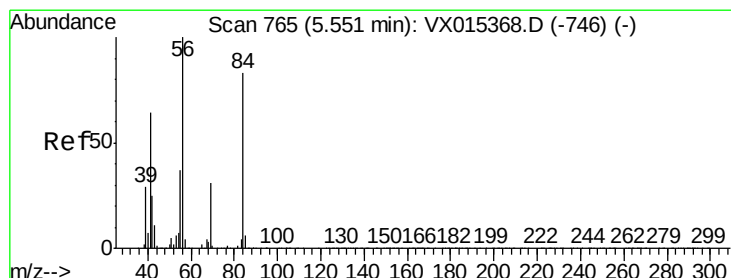
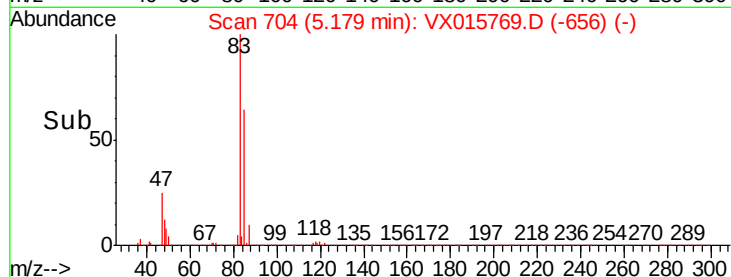
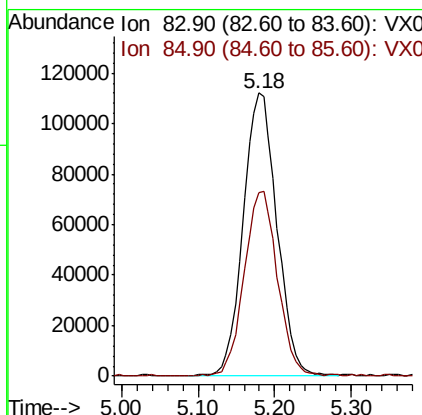
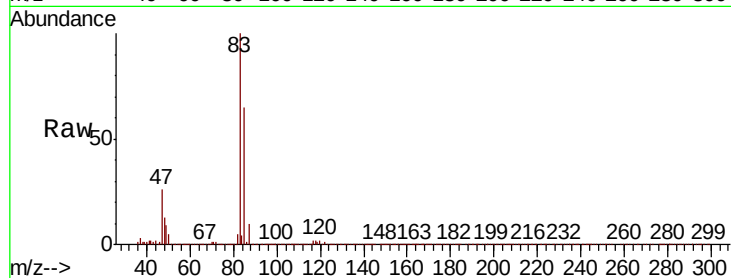




#30
Chloroform
Concen: 17.414 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

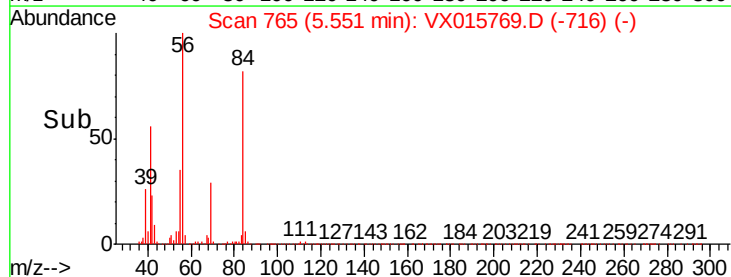
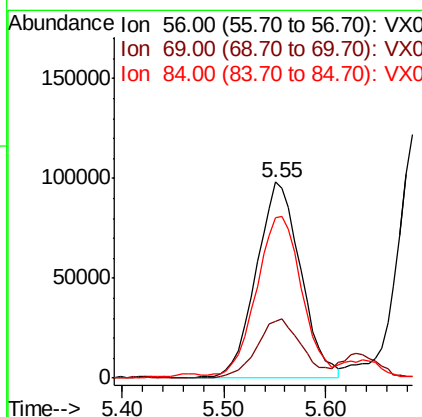
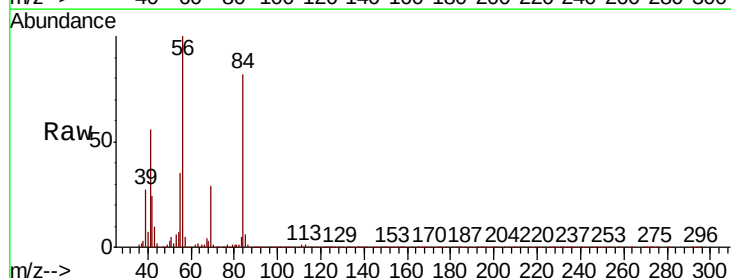
Instrument :
MSVOA_X
ClientSampleId :

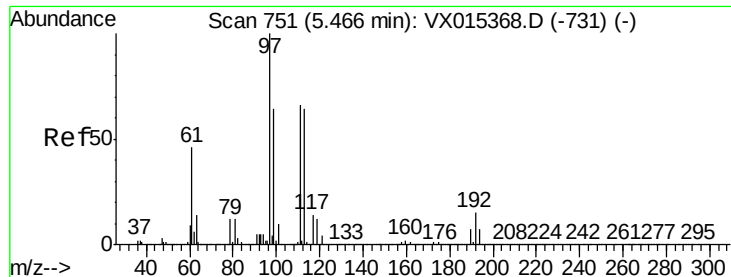
Tot Ion: 83 Resp: 340993
Ion Ratio Lower Upper
83 100
85 64.6 49.5 74.3



#31
Cyclohexane
Concen: 16.600 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion: 56 Resp: 293107
Ion Ratio Lower Upper
56 100
69 29.4 24.6 36.8
84 79.9 66.1 99.1





#32

1,1,1-Trichloroethane

Concen: 16.850 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

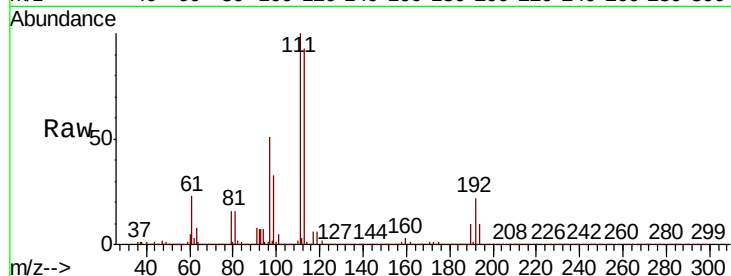
Tot Ion: 97 Resp: 298617

Ion Ratio Lower Upper

97 100

99 65.5 51.0 76.4

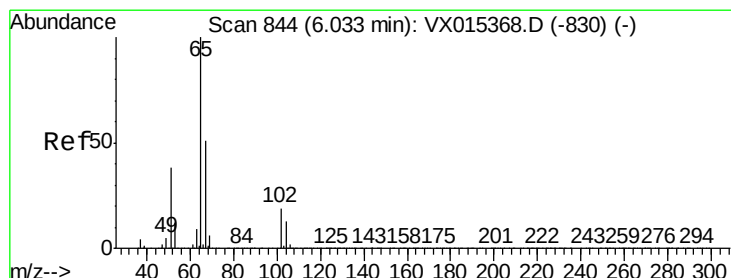
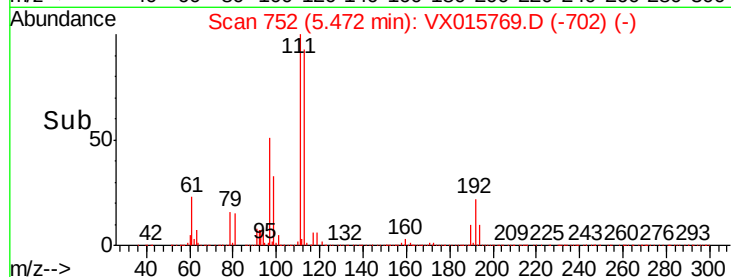
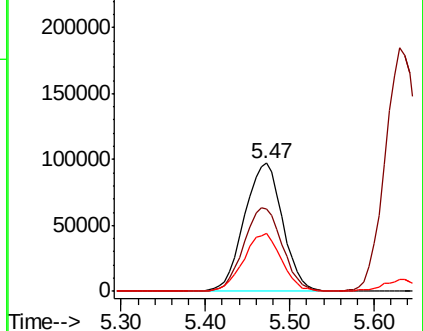
61 44.4 36.1 54.1



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.130 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015769.D

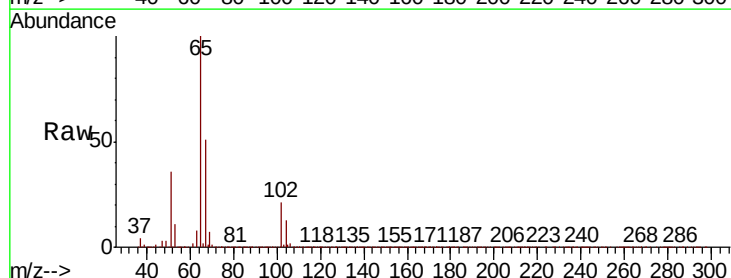
Acq: 20 Apr 2020 16:35

Tgt Ion: 65 Resp: 643407

Ion Ratio Lower Upper

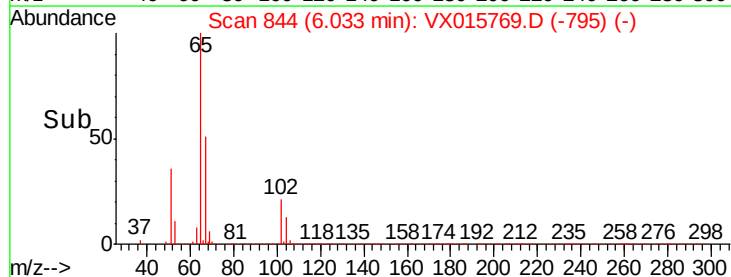
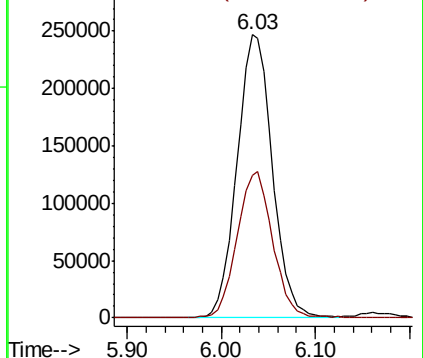
65 100

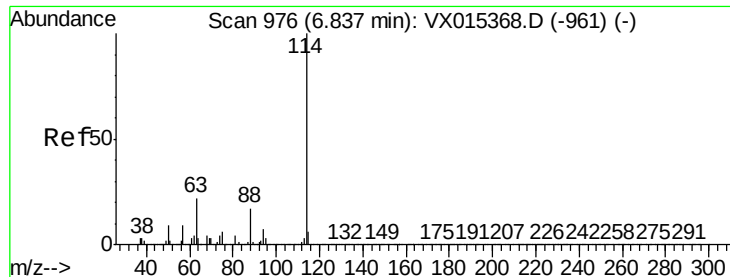
67 51.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

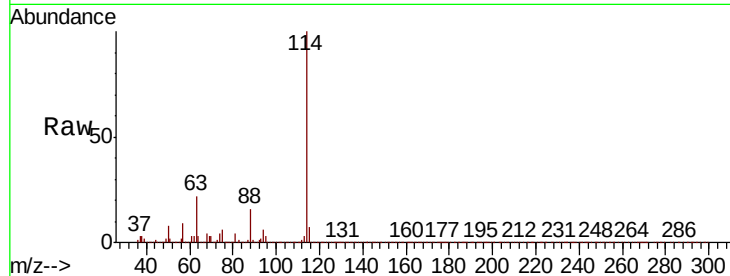
Tot Ion:114 Resp: 1524977

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.2

88 16.3 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

6.83

800000

600000

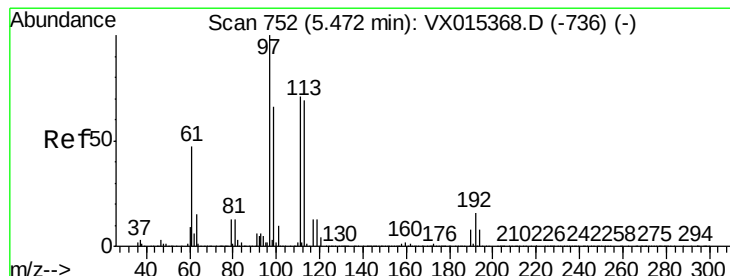
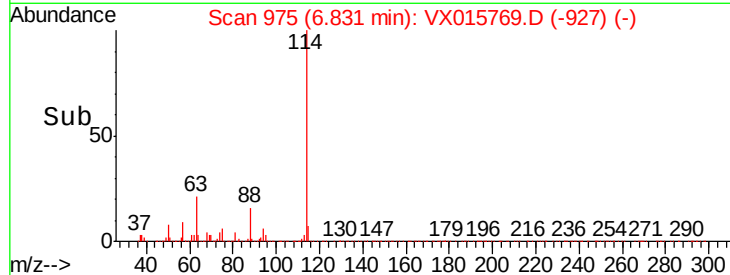
400000

200000

0

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 51.839 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

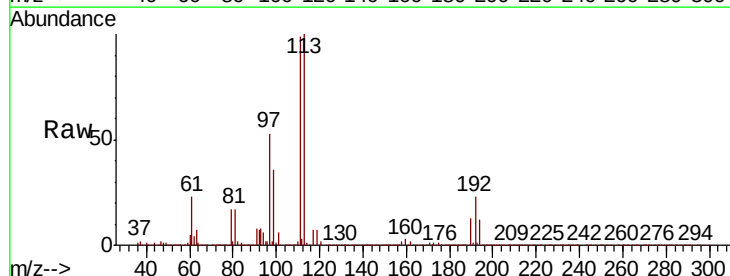
Tgt Ion:113 Resp: 505328

Ion Ratio Lower Upper

113 100

111 101.6 81.5 122.3

192 24.2 17.8 26.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

250000

200000

150000

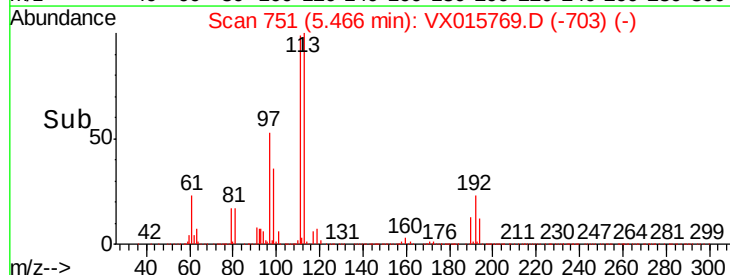
100000

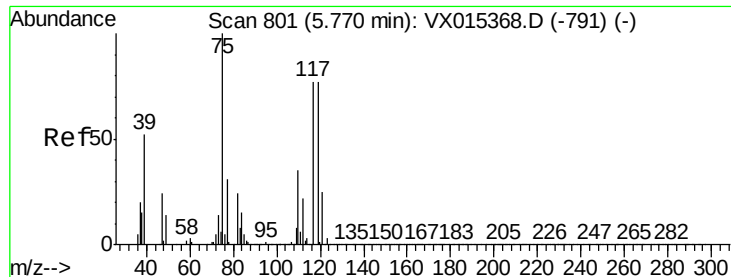
50000

0

5.30 5.40 5.50 5.60

Time-->

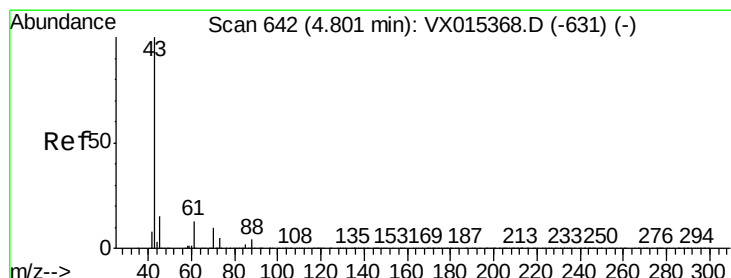
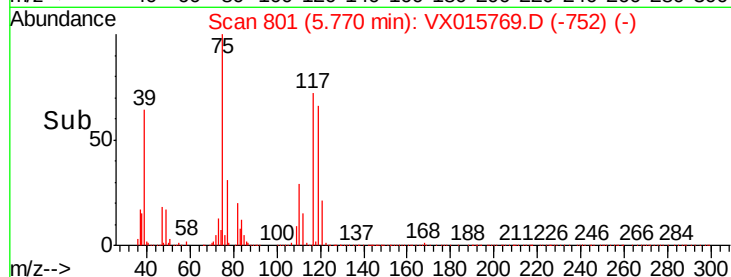
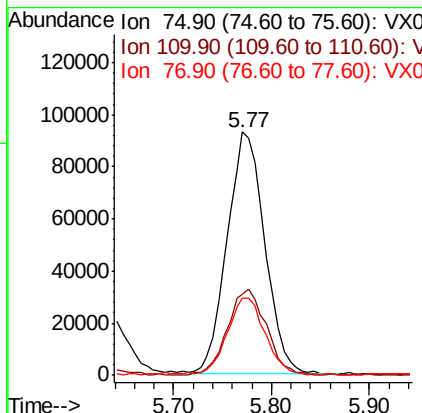
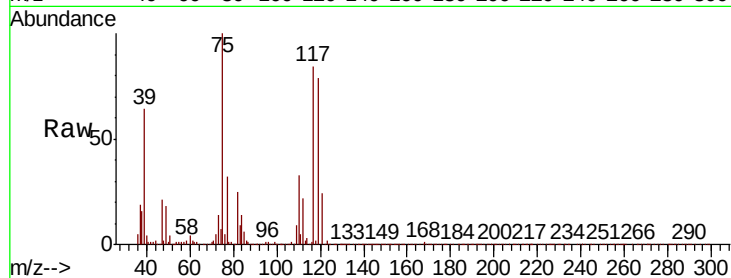




#36
 1,1-Dichloropropene
 Concen: 17.732 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015769.D
 Acq: 20 Apr 2020 16:35

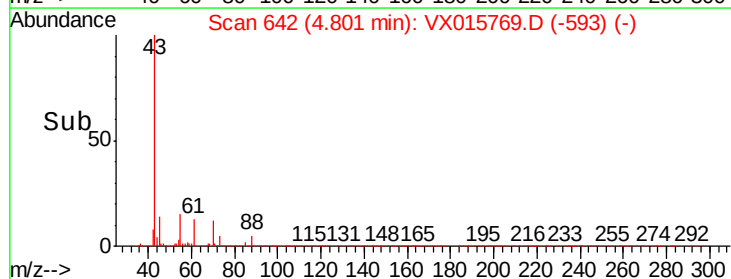
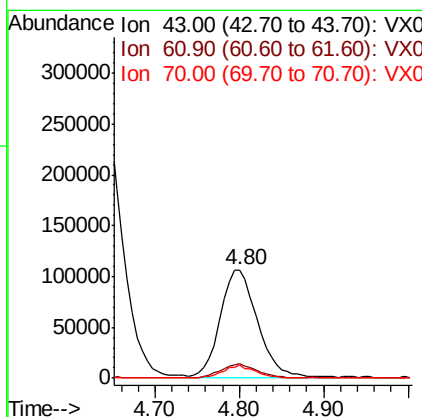
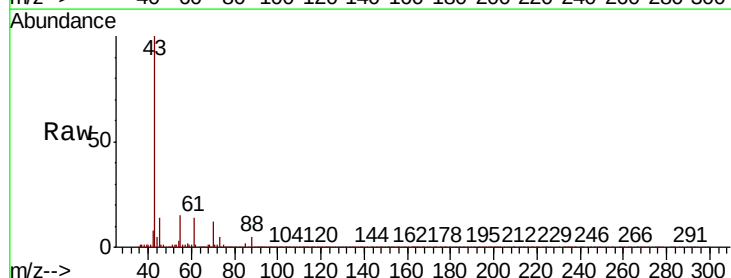
Instrument :
 MSVOA_X
 ClientSampled :

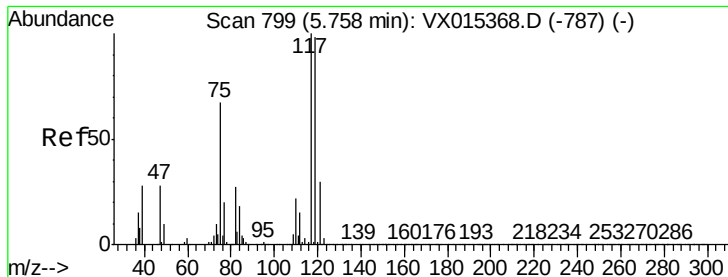
Tot Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.1	51.3
77	31.3	24.6	36.8



#37
 Ethyl Acetate
 Concen: 17.247 ug/l
 RT: 4.80 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: VX015769.D
 Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.9	14.9
70	10.0	8.1	12.1





#38

Carbon Tetrachloride

Concen: 17.002 ug/l

RT: 5.76 min Scan# 799

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

ClientSampled :

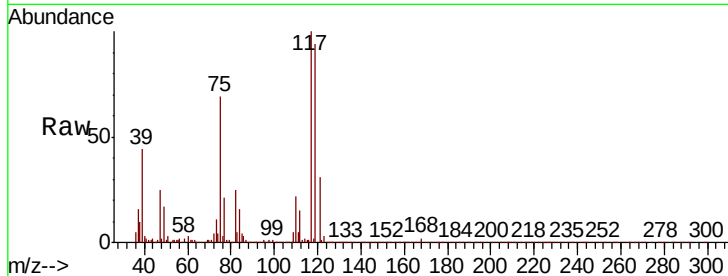
Tot Ion:117 Resp: 258746

Ion Ratio Lower Upper

117 100

119 93.5 78.0 117.0

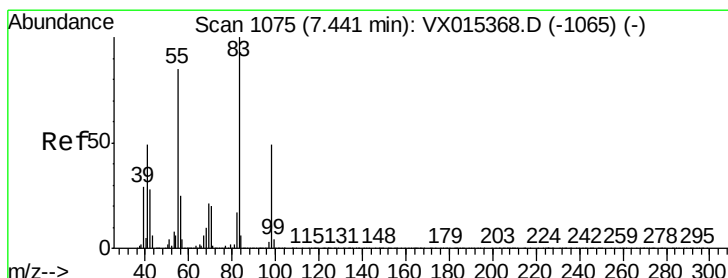
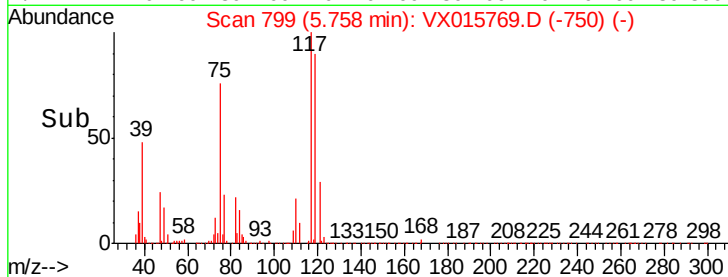
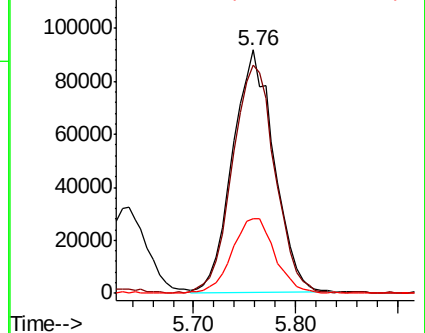
121 30.5 23.8 35.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 17.655 ug/l

RT: 7.45 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

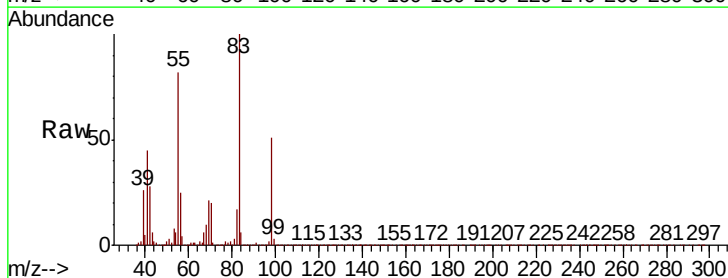
Tgt Ion: 83 Resp: 286019

Ion Ratio Lower Upper

83 100

55 81.5 67.8 101.6

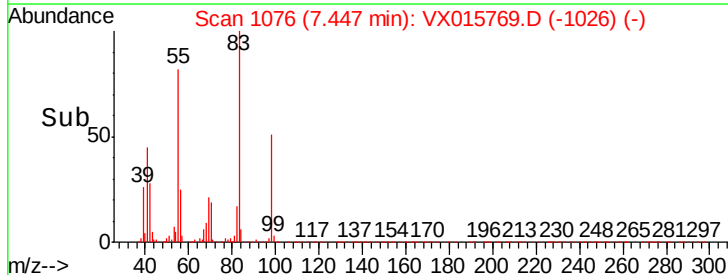
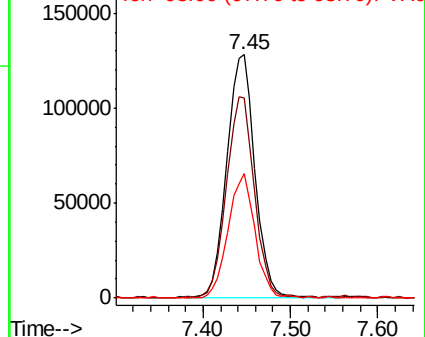
98 50.8 39.3 58.9

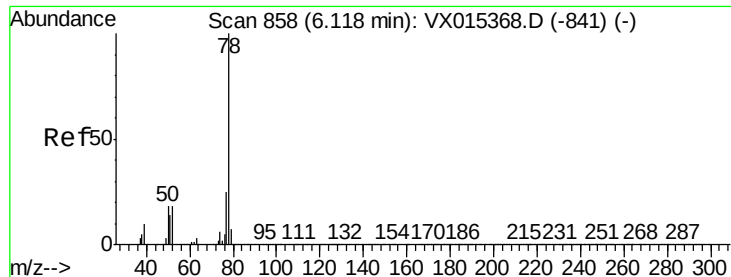


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 18.134 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

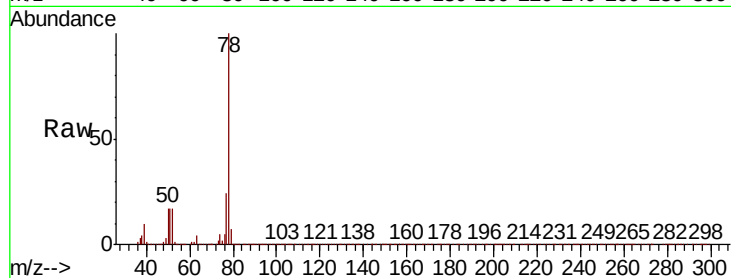
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 78 Resp: 746365

Ion Ratio Lower Upper

78 100

77 23.7 19.8 29.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.12

300000

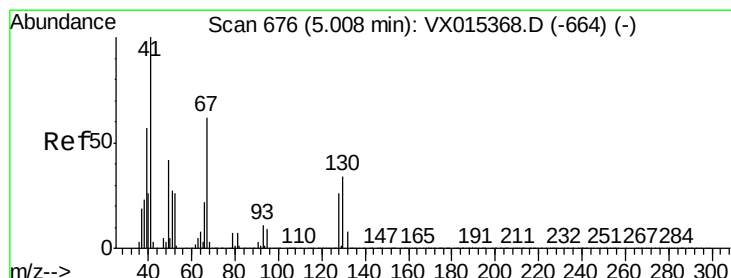
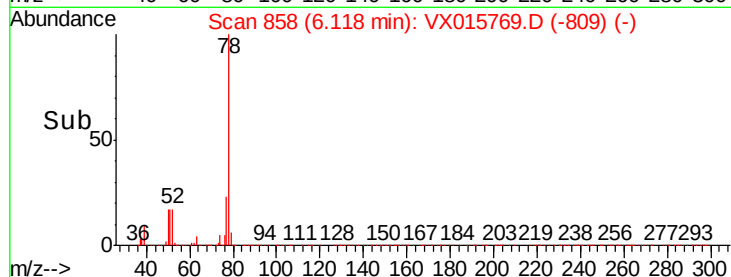
200000

100000

0

Time-->

6.00 6.10 6.20 6.30



#41

Methacrylonitrile

Concen: 18.057 ug/l

RT: 5.01 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Tgt Ion: 41 Resp: 183391

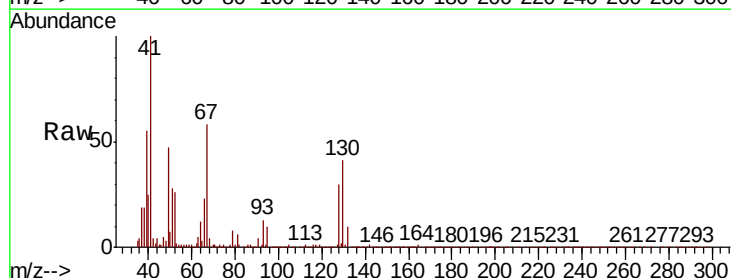
Ion Ratio Lower Upper

41 100

39 56.0 44.5 66.7

67 61.6 48.9 73.3

52 27.0 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

150000

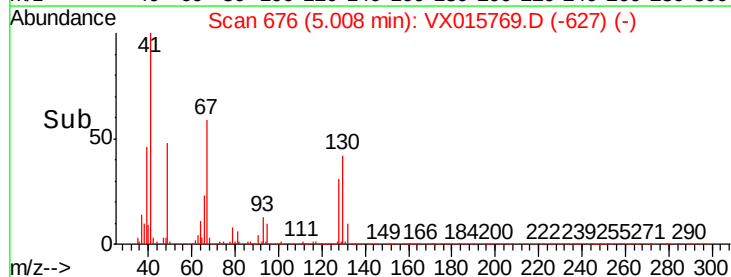
100000

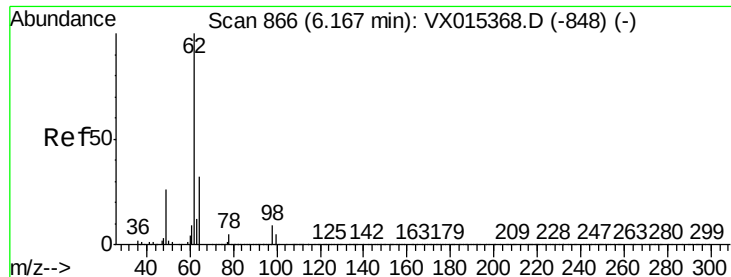
50000

0

Time-->

4.90 4.95 5.00 5.05





#42

1,2-Dichloroethane

Concen: 17.244 ug/l

RT: 6.17 min Scan# 866

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

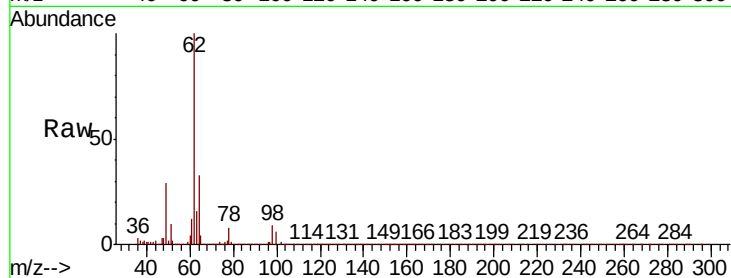
ClientSampleId :

Tot Ion: 62 Resp: 285086

Ion Ratio Lower Upper

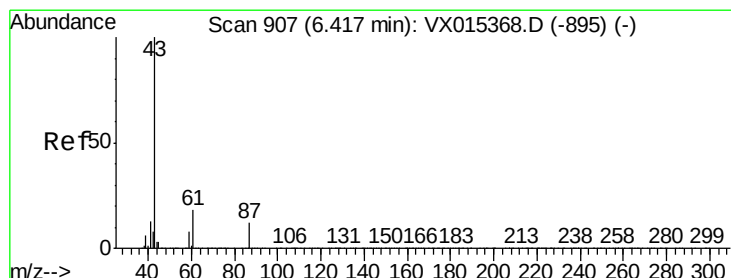
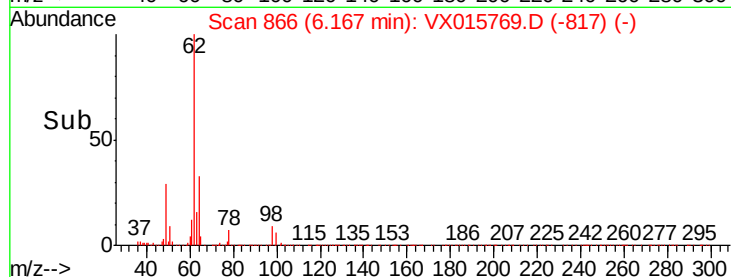
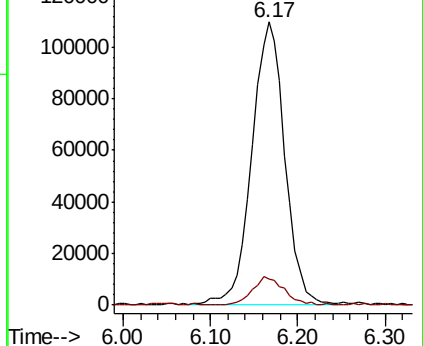
62 100

98 9.9 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: 17.335 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

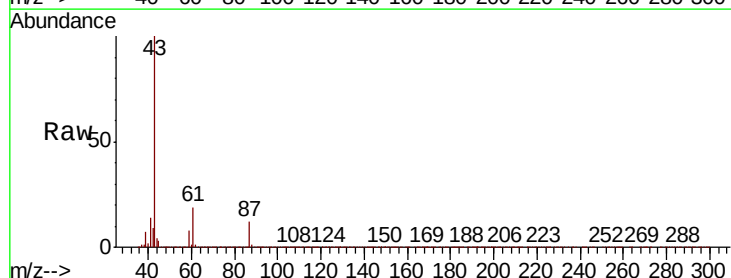
Tgt Ion: 43 Resp: 535379

Ion Ratio Lower Upper

43 100

61 18.5 14.8 22.2

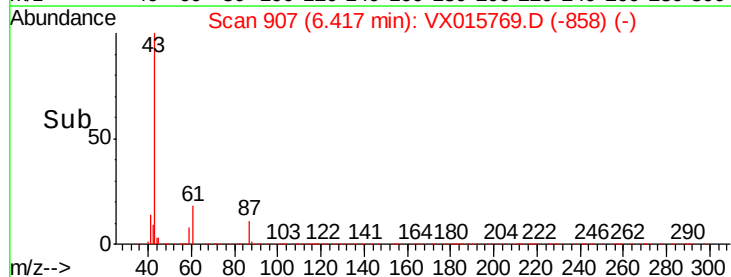
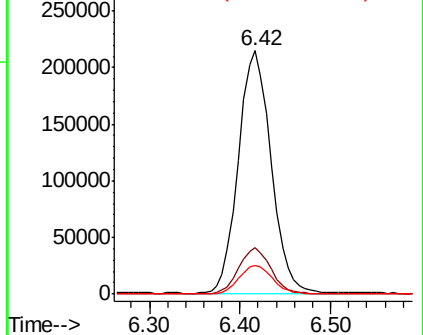
87 12.1 9.4 14.0

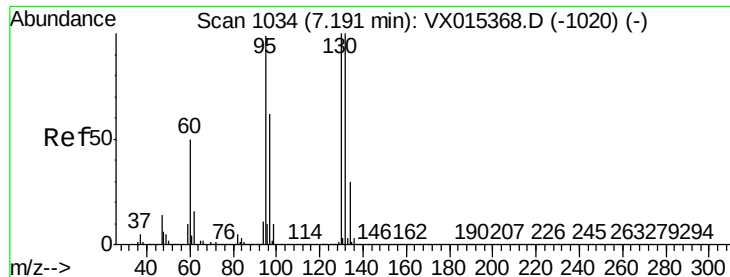


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 18.398 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

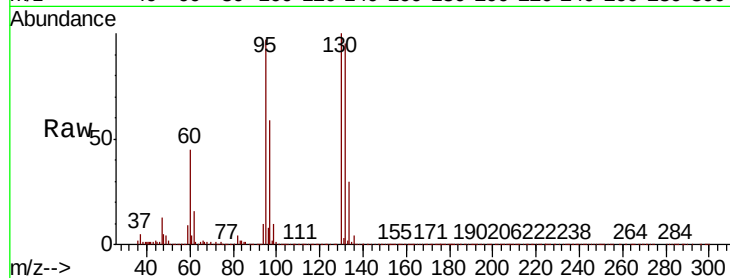
ClientSampleId :

Tot Ion:130 Resp: 206524

Ion Ratio Lower Upper

130 100

95 97.1 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

100000

80000

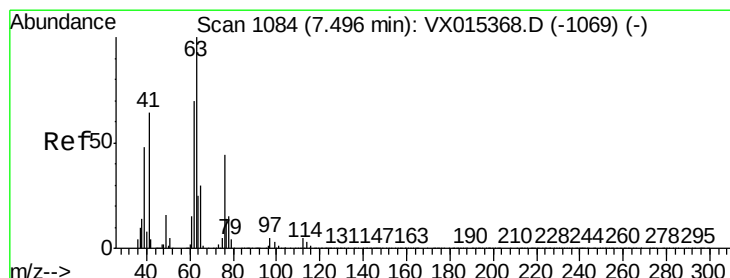
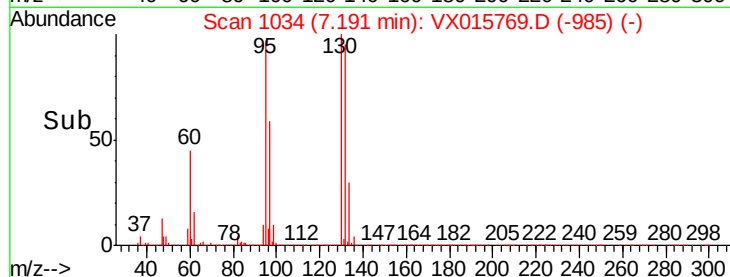
60000

40000

20000

0

Time-->



#45

1,2-Dichloropropane

Concen: 18.229 ug/l

RT: 7.50 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX015769.D

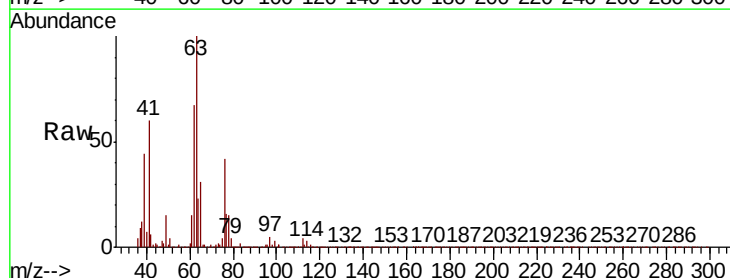
Acq: 20 Apr 2020 16:35

Tgt Ion: 63 Resp: 205252

Ion Ratio Lower Upper

63 100

65 30.9 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.50

120000

100000

80000

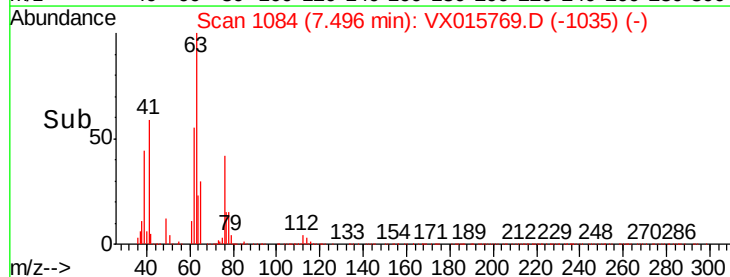
60000

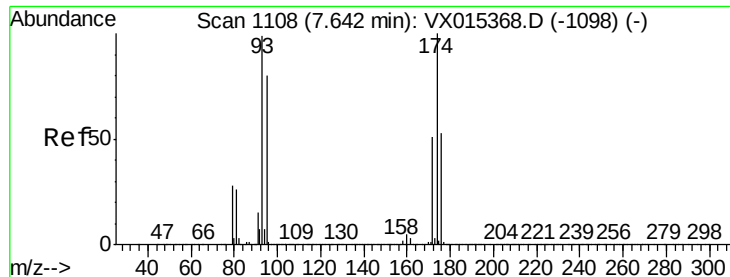
40000

20000

0

Time-->





#46

Dibromomethane

Concen: 18.316 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

ClientSampled :

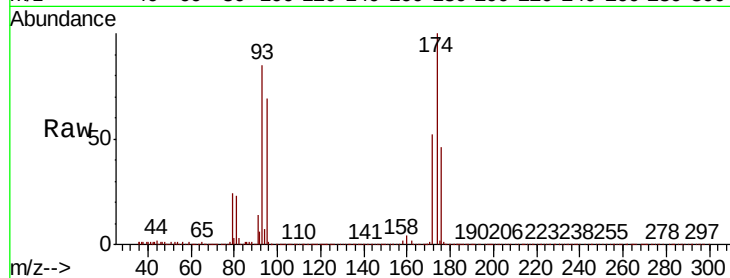
Tot Ion: 93 Resp: 135284

Ion Ratio Lower Upper

93 100

95 80.6 65.8 98.8

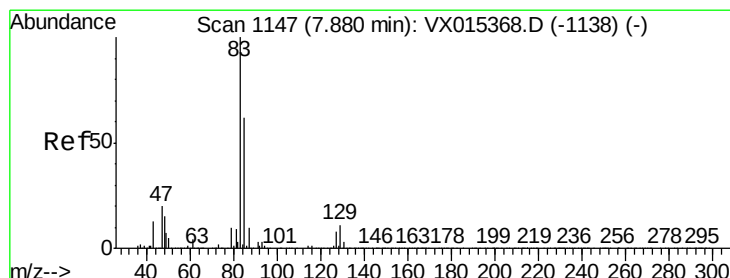
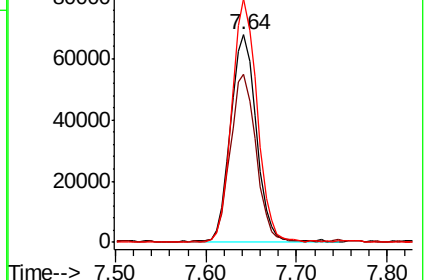
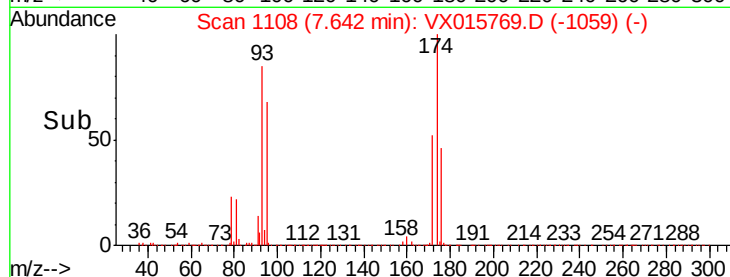
174 113.7 86.2 129.2



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 17.215 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

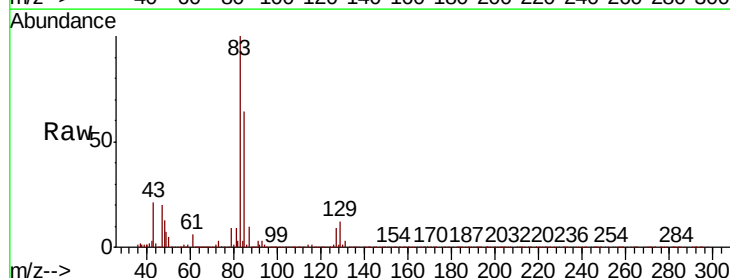
Tgt Ion: 83 Resp: 270931

Ion Ratio Lower Upper

83 100

85 63.4 49.7 74.5

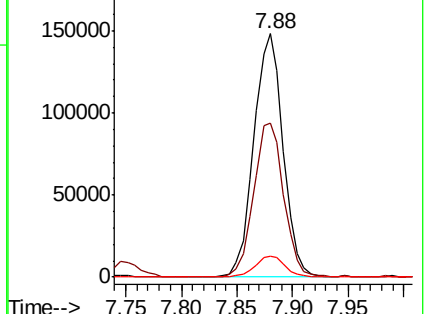
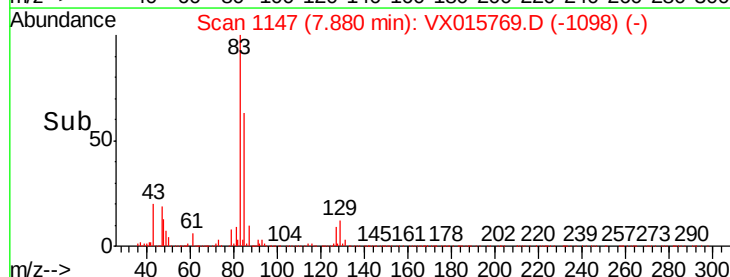
127 8.6 6.7 10.1

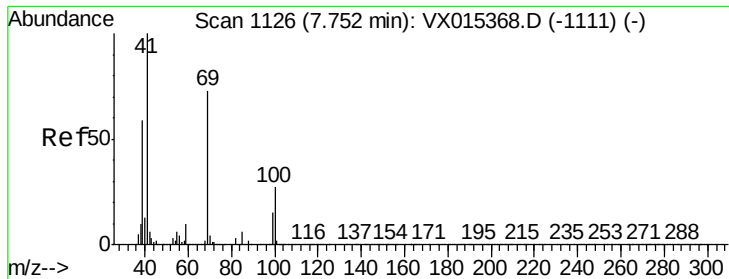


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

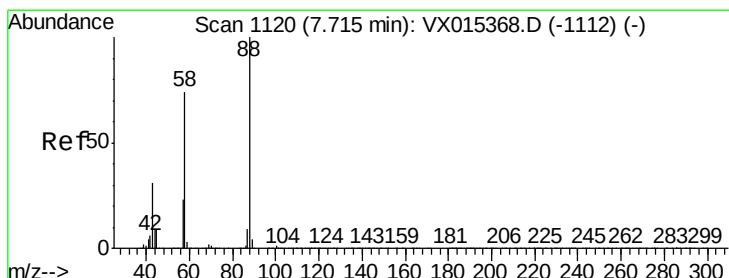
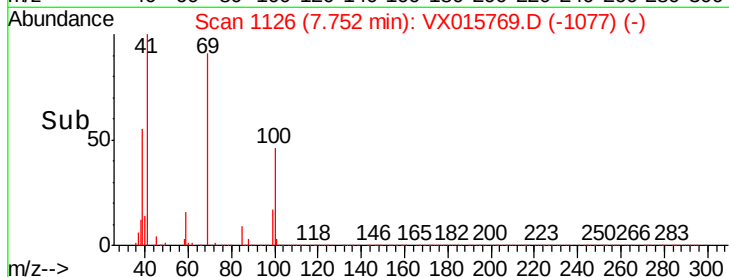
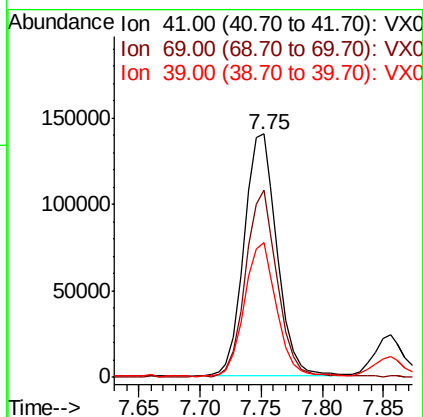
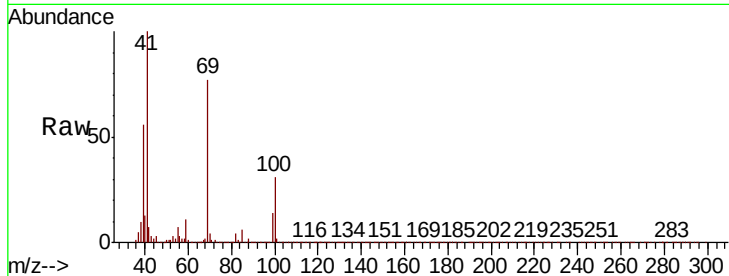




#48
Methvl methacrylate
Concen: 17.055 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

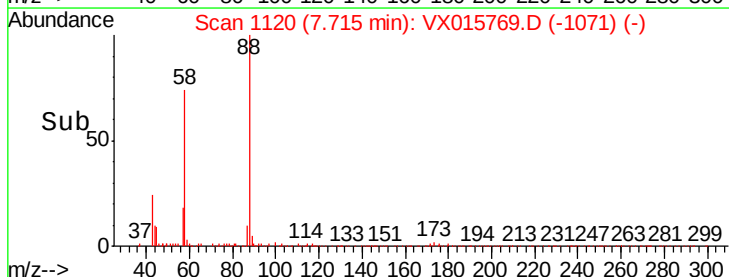
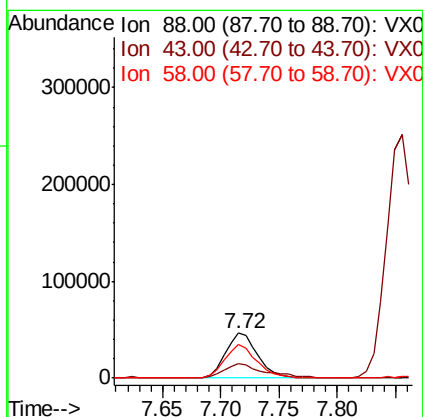
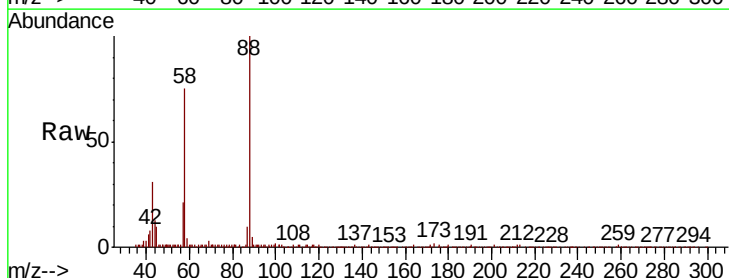
Instrument :
MSVOA_X
ClientSampleId :

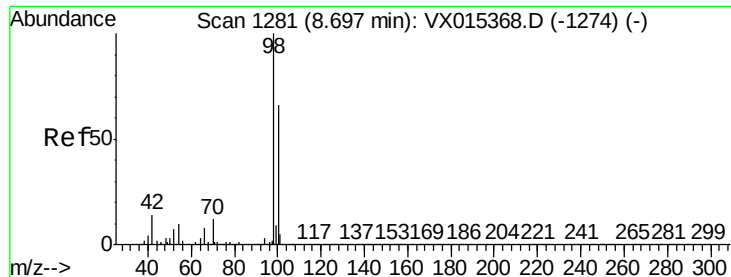
Tot Ion: 41 Resp: 263104
Ion Ratio Lower Upper
41 100
69 74.3 56.7 85.1
39 54.1 46.5 69.7



#49
1,4-Dioxane
Concen: 305.066 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion: 88 Resp: 87792
Ion Ratio Lower Upper
88 100
43 37.2 30.1 45.1
58 76.4 60.6 90.8

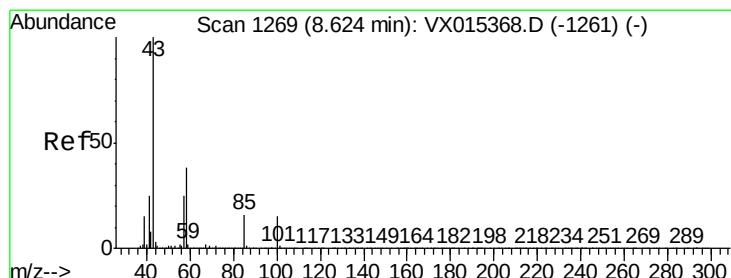
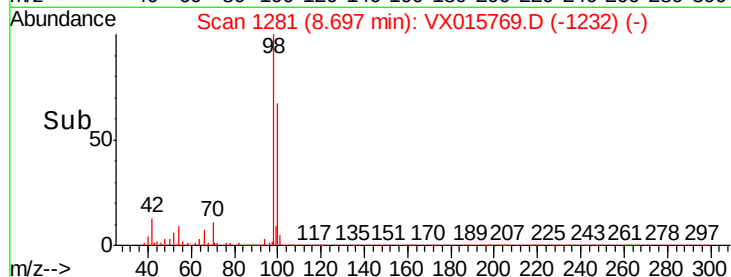
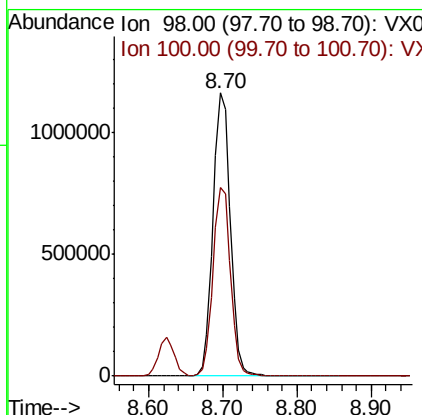
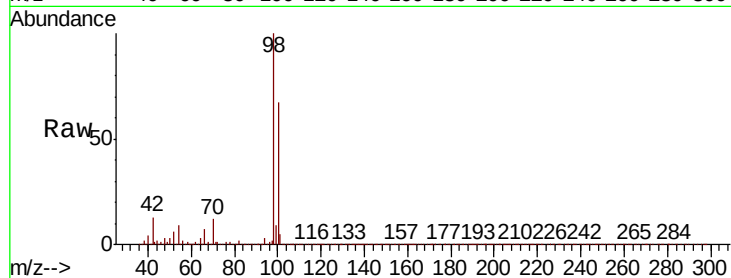




#50
Toluene-d8
Concen: 51.822 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

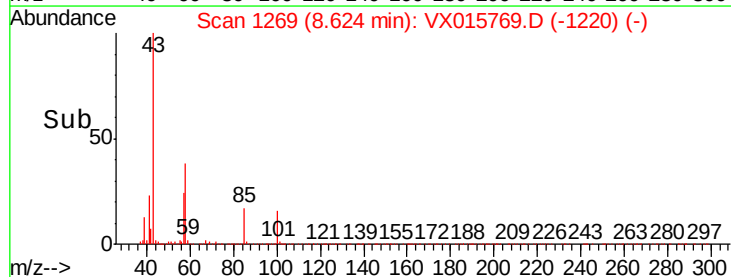
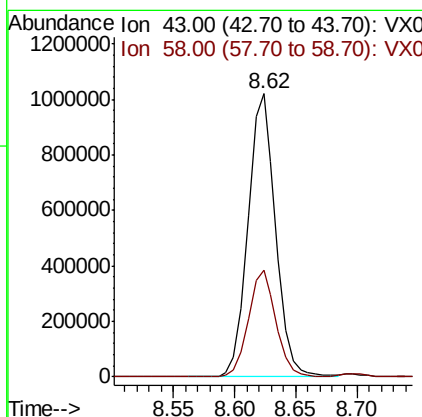
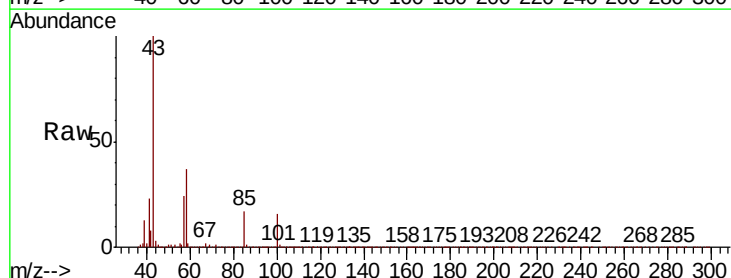
Instrument :
MSVOA_X
ClientSampleId :

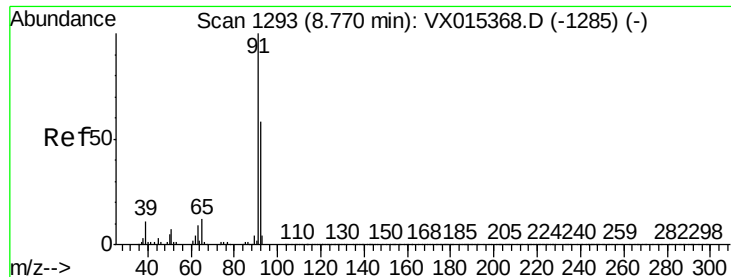
Tot Ion: 98 Resp: 1859884
Ion Ratio Lower Upper
98 100
100 67.3 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 91.216 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion: 43 Resp: 1596549
Ion Ratio Lower Upper
43 100
58 37.4 29.7 44.5





#52

Toluene

Concen: 18.803 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

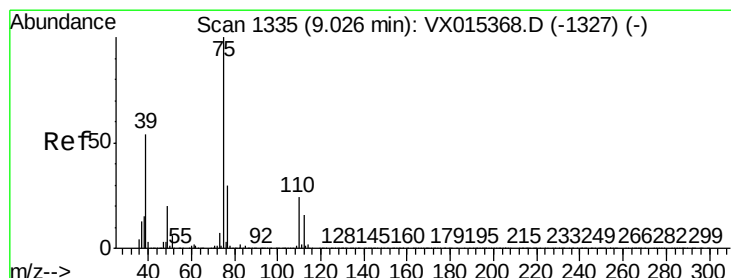
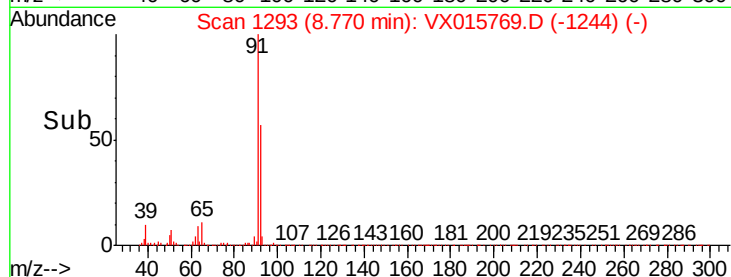
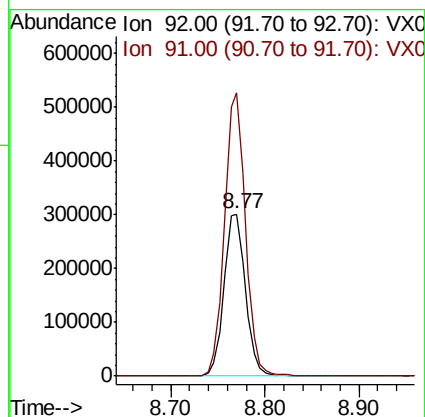
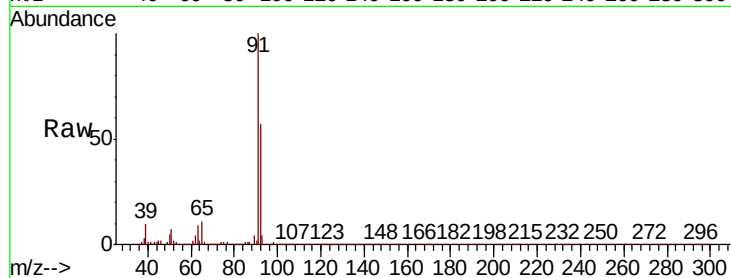
ClientSampled :

Tot Ion: 92 Resp: 477126

Ion Ratio Lower Upper

92 100

91 169.8 136.6 205.0



#53

t-1,3-Dichloropropene

Concen: 16.224 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015769.D

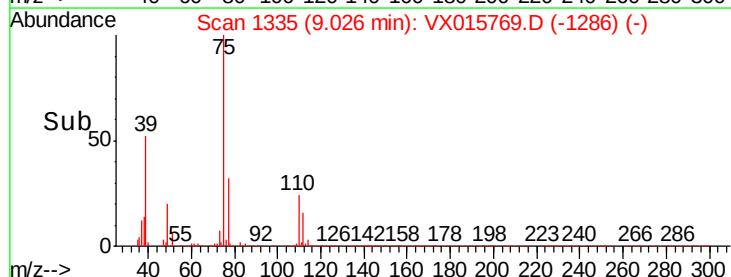
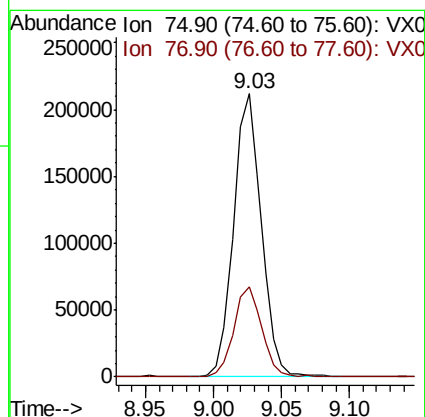
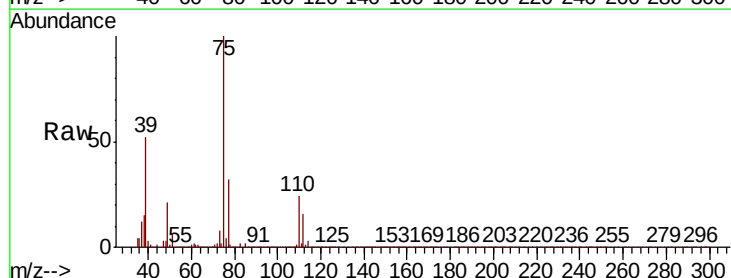
Acq: 20 Apr 2020 16:35

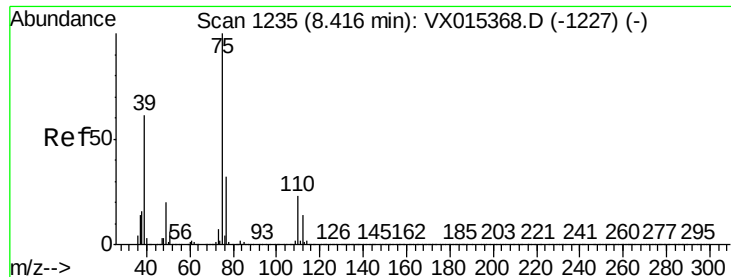
Tgt Ion: 75 Resp: 299468

Ion Ratio Lower Upper

75 100

77 31.5 24.1 36.1



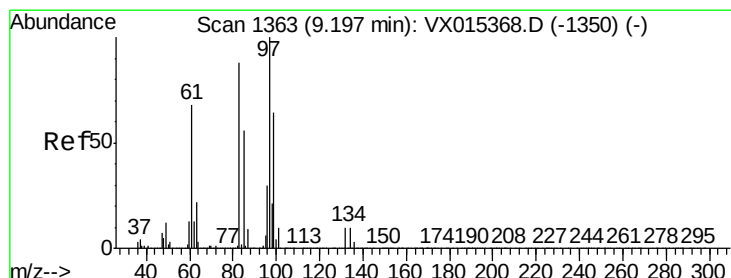
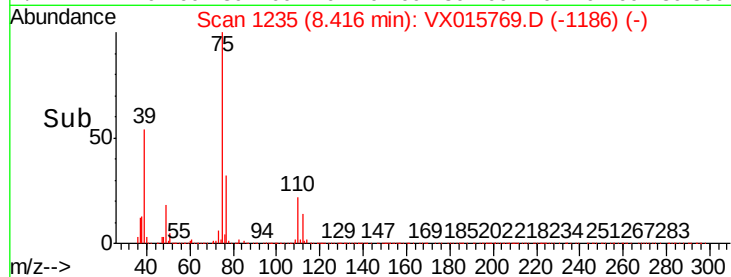
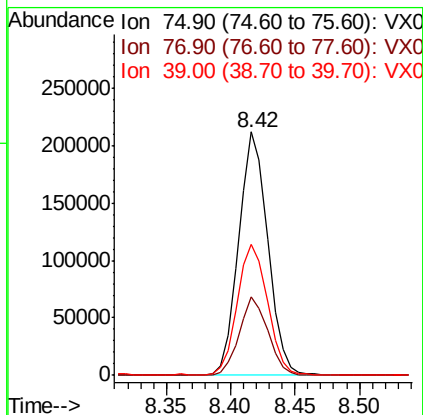
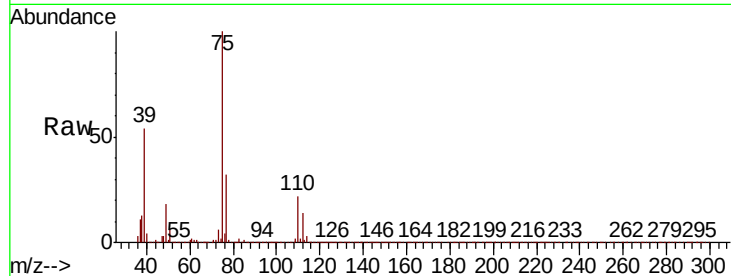


#54

cis-1,3-Dichloropropene
 Concen: 17.713 ug/l
 RT: 8.42 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX015769.D
 Acq: 20 Apr 2020 16:35

Instrument :
 MSVOA_X
 ClientSampled :

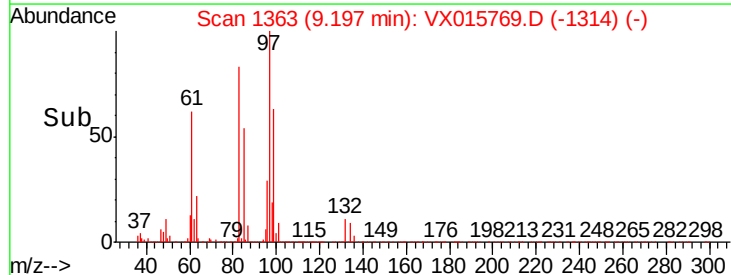
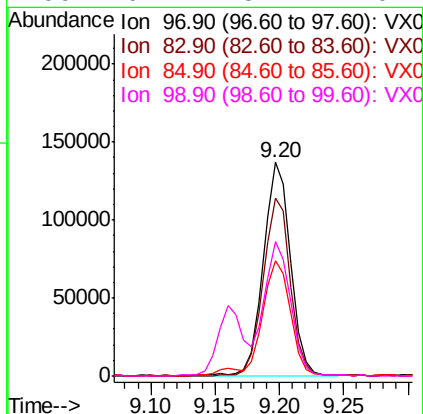
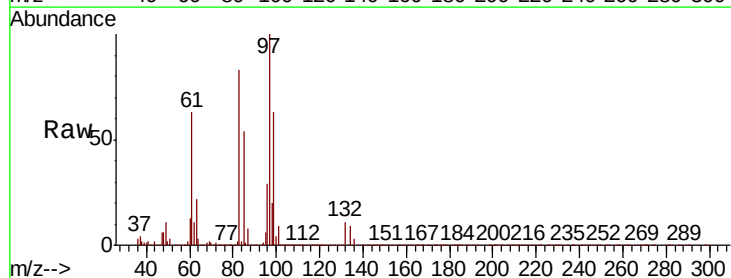
Tot Ion:	75	Resp:	333039
Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.6
39	53.4	49.0	73.4

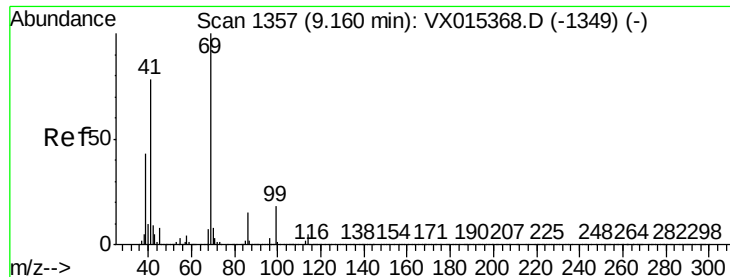


#55

1,1,2-Trichloroethane
 Concen: 19.078 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VX015769.D
 Acq: 20 Apr 2020 16:35

Tgt Ion:	97	Resp:	198341
Ion	Ratio	Lower	Upper
97	100		
83	83.4	70.2	105.4
85	53.9	44.7	67.1
99	62.7	51.1	76.7





#56

Ethyl methacrylate

Concen: 17.695 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

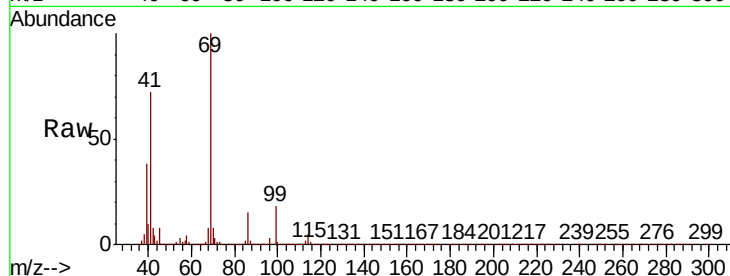
Tot Ion: 69 Resp: 324226

Ion Ratio Lower Upper

69 100

41 73.7 61.6 92.4

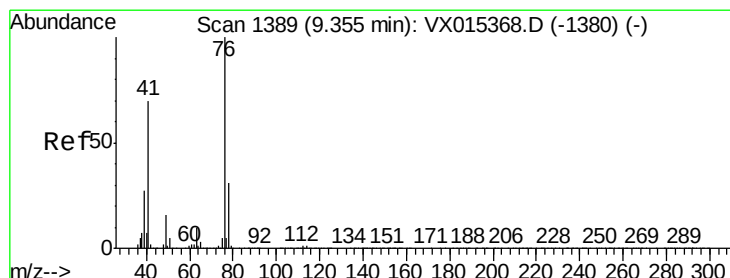
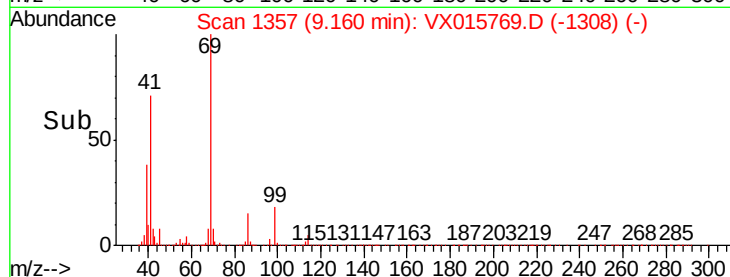
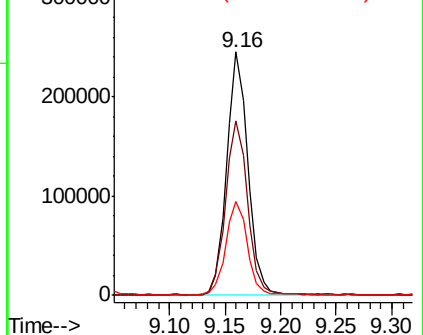
39 38.5 34.0 51.0



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 18.001 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015769.D

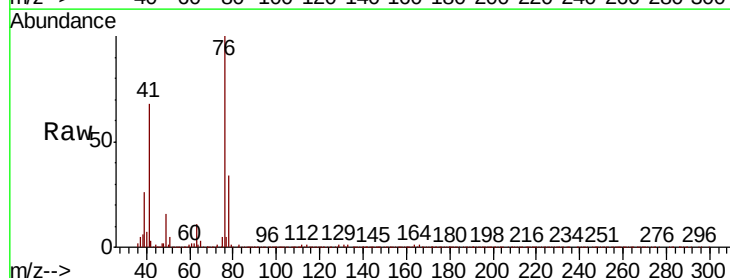
Acq: 20 Apr 2020 16:35

Tgt Ion: 76 Resp: 337191

Ion Ratio Lower Upper

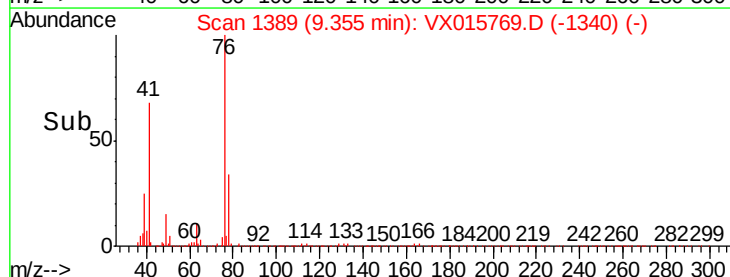
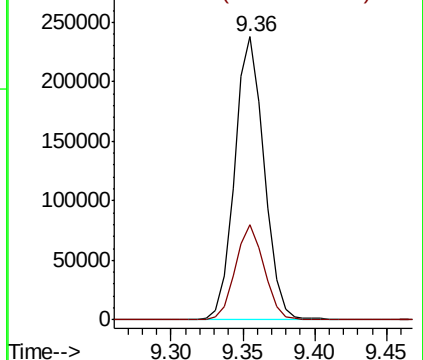
76 100

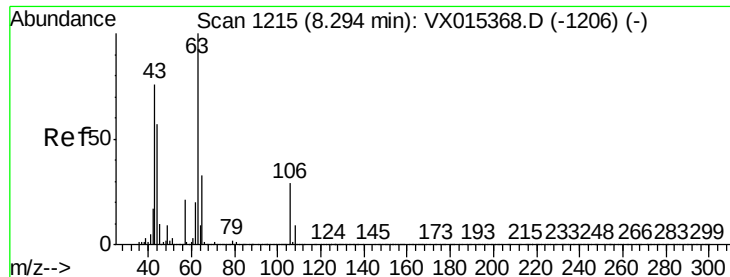
78 33.4 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

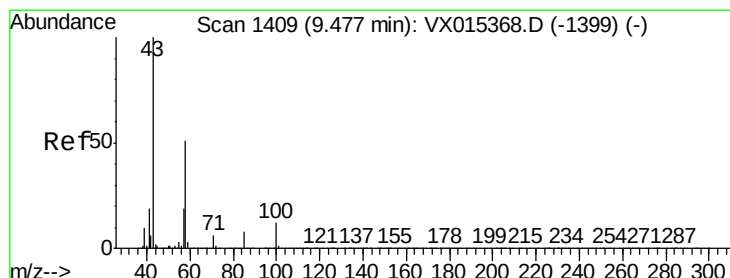
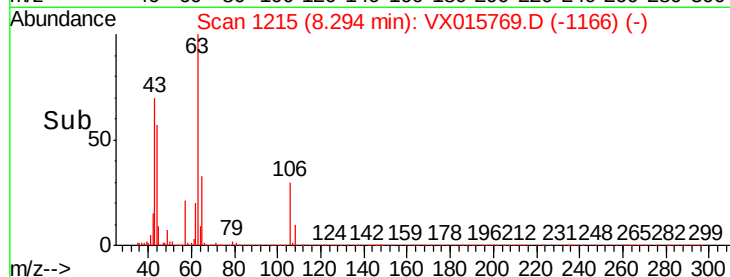
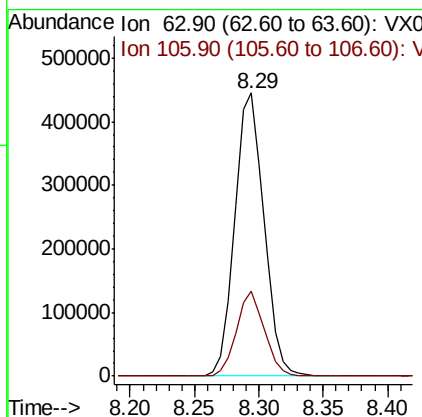
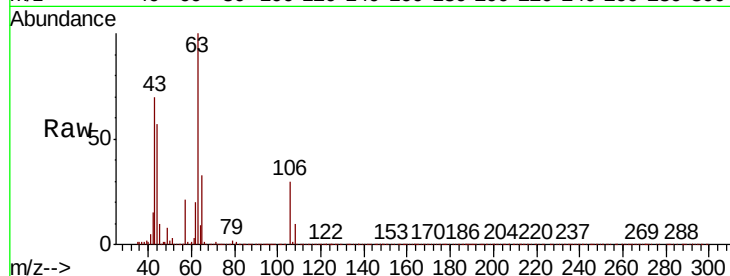




#58
 2-Chloroethyl Vinyl ether
 Concen: 78.804 ug/l
 RT: 8.29 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: VX015769.D
 Acq: 20 Apr 2020 16:35

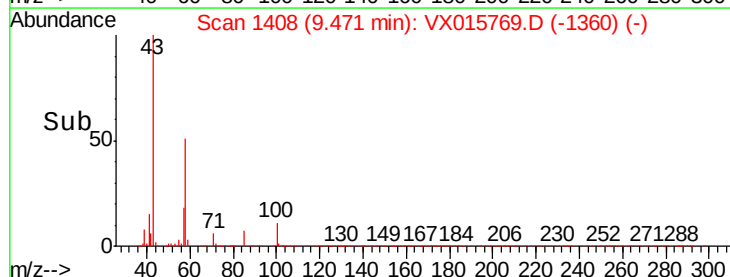
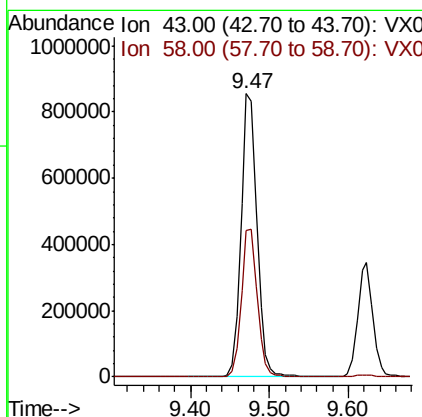
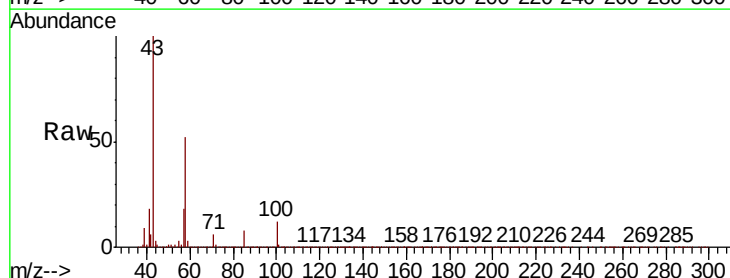
Instrument :
 MSVOA_X
 ClientSampleId :

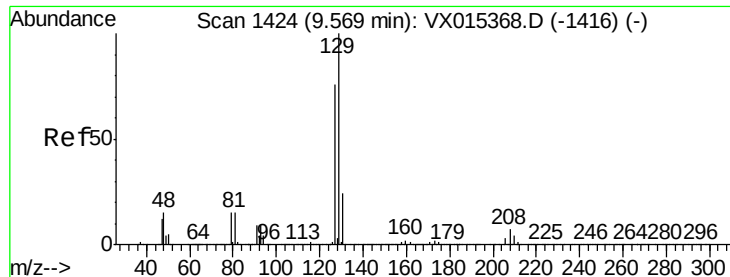
Tot Ion: 63 Resp: 702317
 Ion Ratio Lower Upper
 63 100
 106 28.7 22.7 34.1



#59
 2-Hexanone
 Concen: 90.881 ug/l
 RT: 9.47 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: VX015769.D
 Acq: 20 Apr 2020 16:35

Tgt Ion: 43 Resp: 1200922
 Ion Ratio Lower Upper
 43 100
 58 52.1 25.6 76.6





#60

Dibromochloromethane

Concen: 17.470 ug/l

RT: 9.57 min Scan# 1424

Delta R.T. 0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

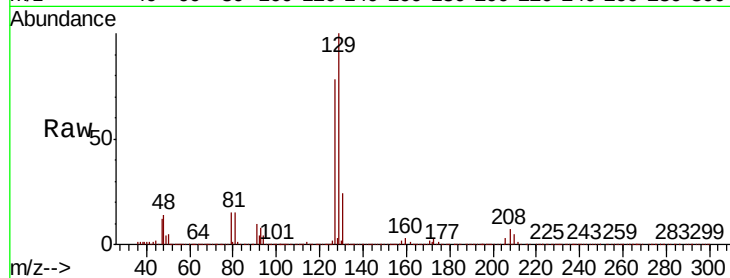
ClientSampleId :

Tot Ion:129 Resp: 218255

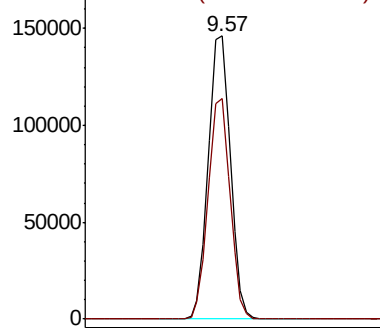
Ion Ratio Lower Upper

129 100

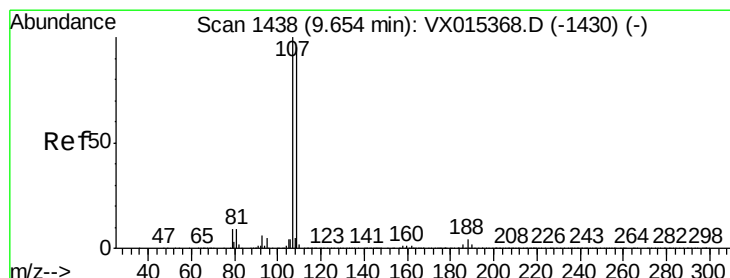
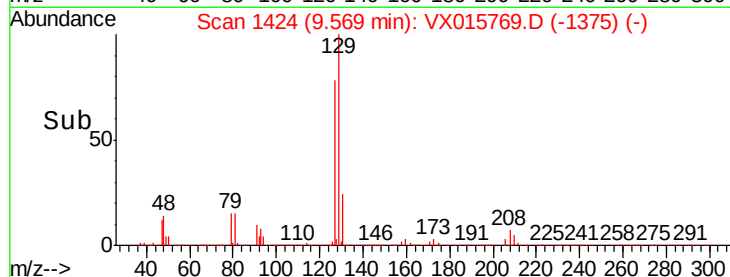
127 77.4 38.2 114.6



Abundance Ion 128.80 (128.50 to 129.50): V



Time-->



#61

1,2-Dibromoethane

Concen: 18.402 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015769.D

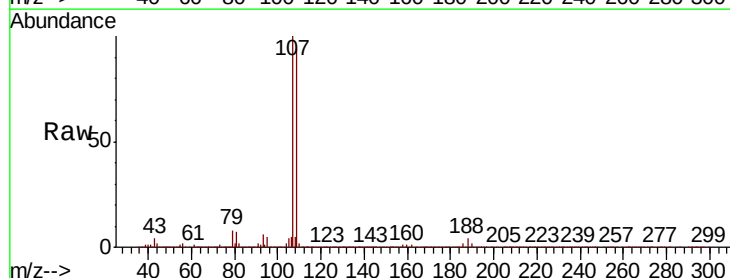
Acq: 20 Apr 2020 16:35

Tgt Ion:107 Resp: 208022

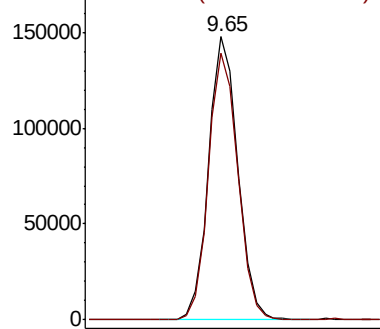
Ion Ratio Lower Upper

107 100

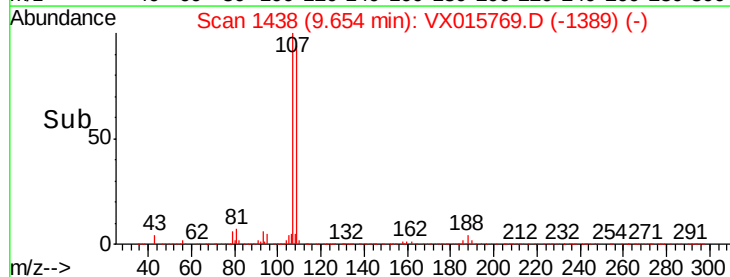
109 94.3 74.8 112.2

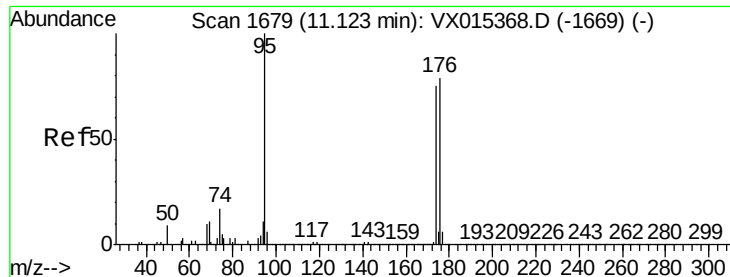


Abundance Ion 106.90 (106.60 to 107.60): V



Time-->

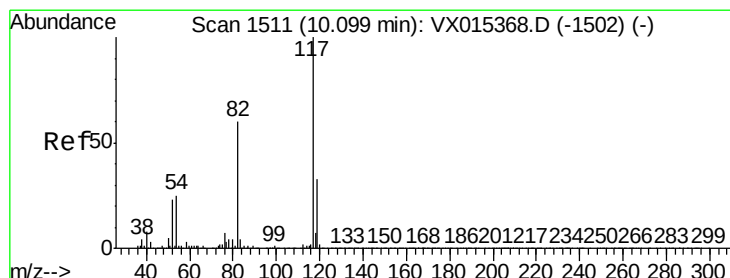
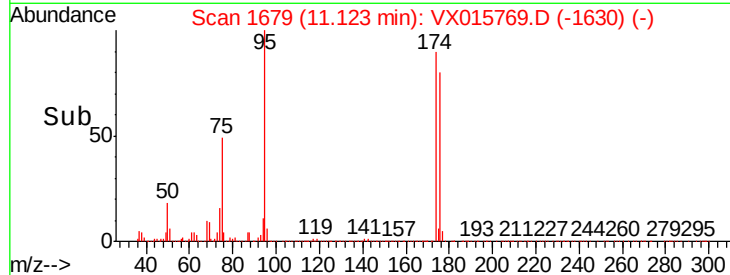
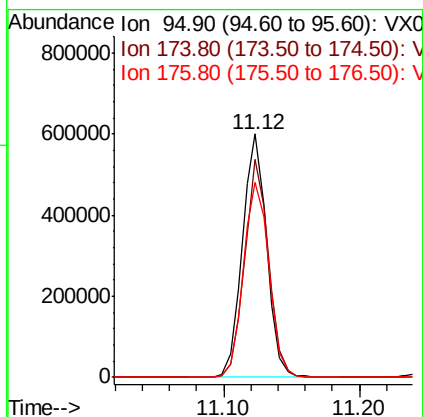
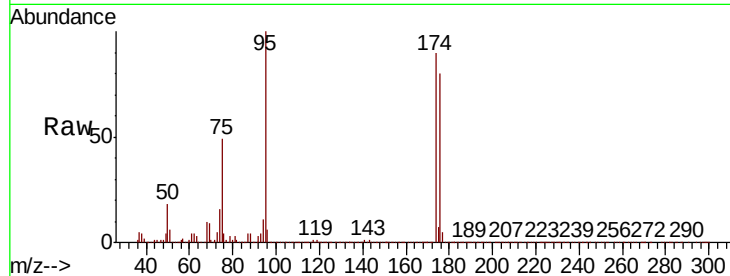




#62
4-Bromofluorobenzene
Concen: 50.935 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

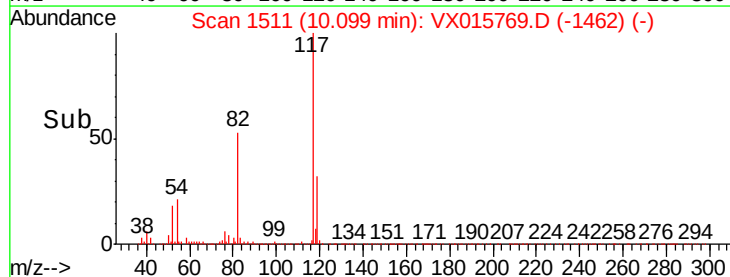
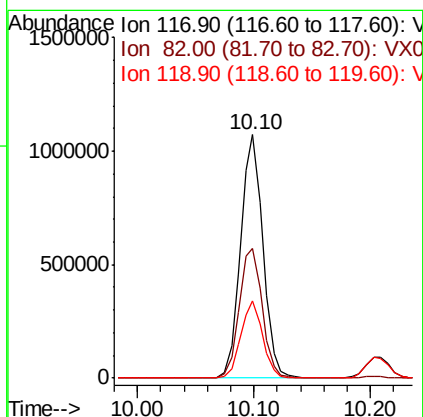
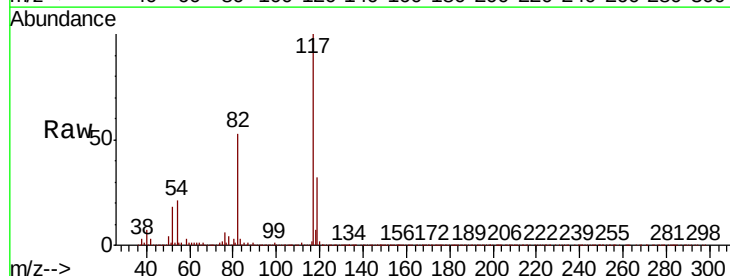
Instrument :
MSVOA_X
ClientSampleId :

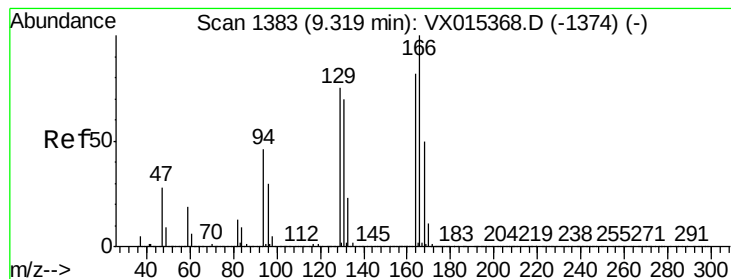
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	158.6
176	84.6	0.0	159.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.4	47.8	71.8
119	31.9	26.8	40.2





#64

Tetrachloroethene

Concen: 17.619 ug/l

RT: 9.32 min Scan# 1383

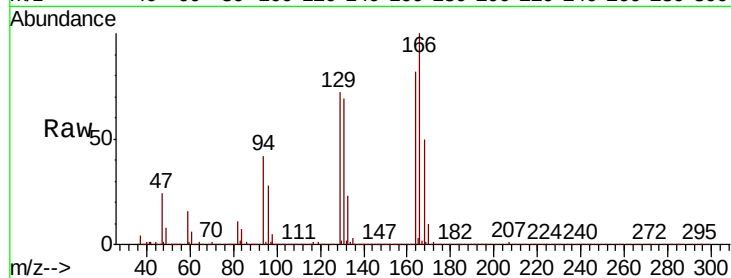
Delta R.T. -0.00 min

Lab File: VX015769.D

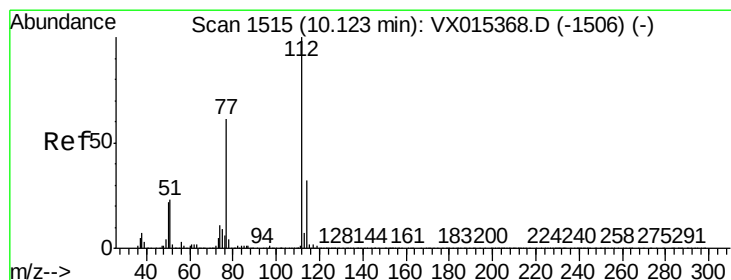
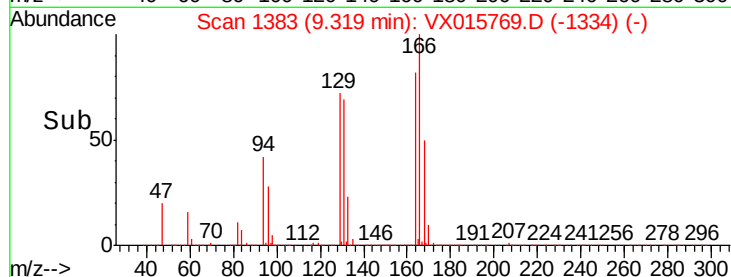
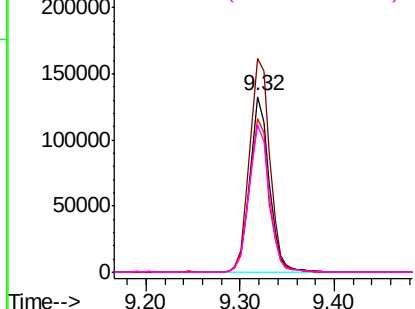
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164	Resp:	190665
Ion Ratio	Lower	Upper
164	100	
166	121.5	97.8 146.6
129	87.7	73.0 109.4
131	83.9	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: 18.337 ug/l

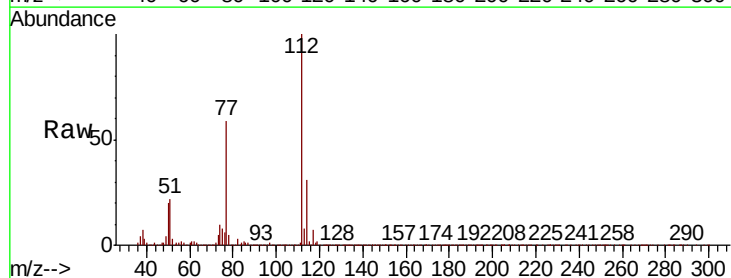
RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

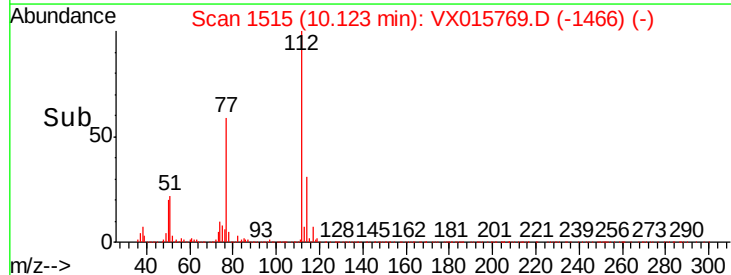
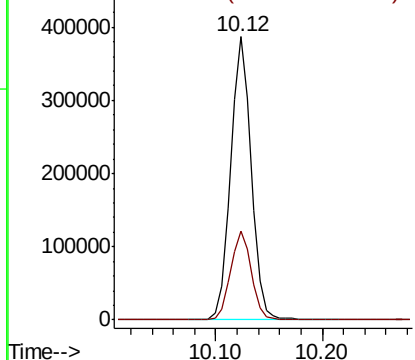
Lab File: VX015769.D

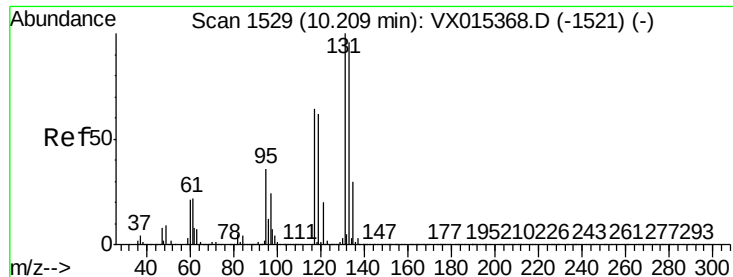
Acq: 20 Apr 2020 16:35

Tgt Ion:112	Resp:	524386
Ion Ratio	Lower	Upper
112	100	
114	31.4	25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

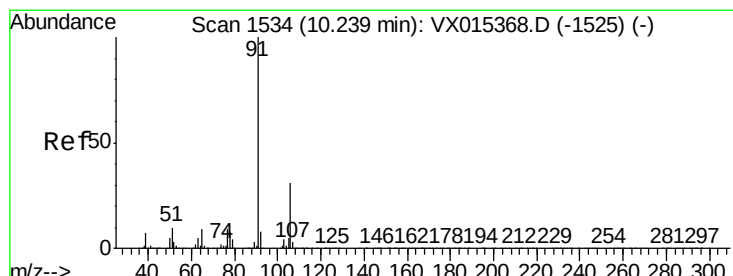
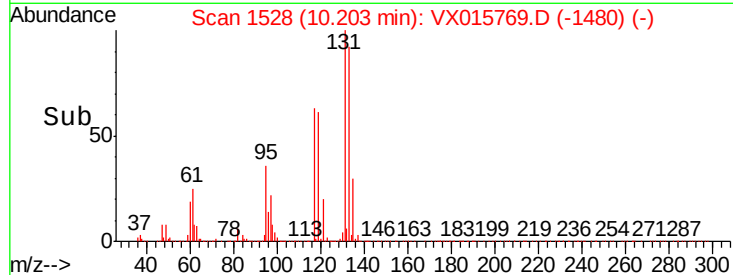
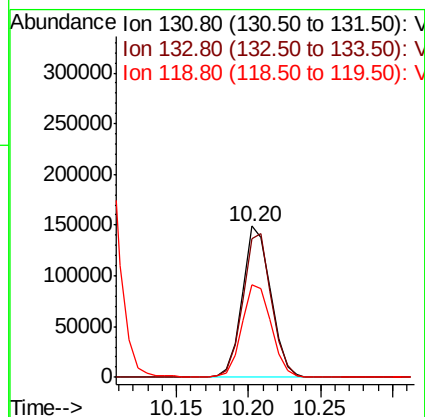
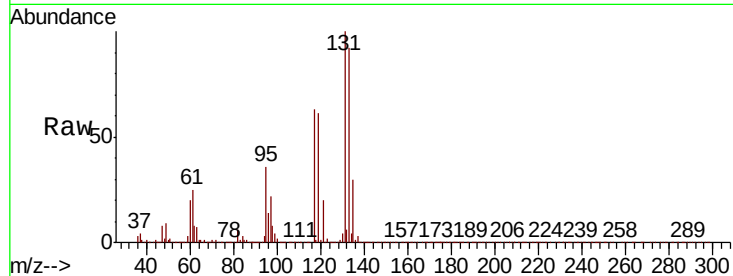




#66
 1,1,1,2-Tetrachloroethane
 Concen: 17.786 ug/l
 RT: 10.20 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: VX015769.D
 Acq: 20 Apr 2020 16:35

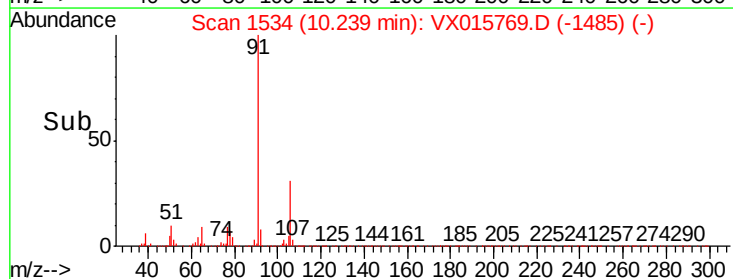
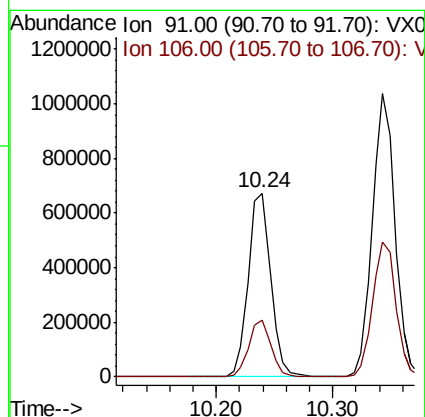
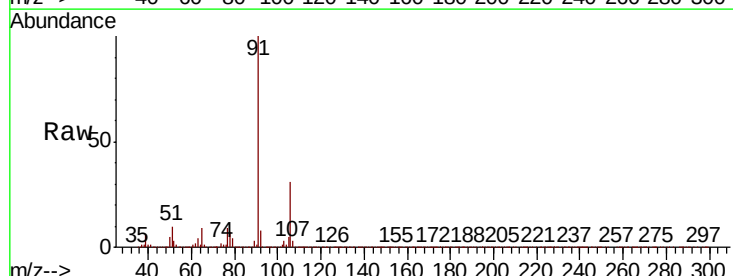
Instrument :
 MSVOA_X
 ClientSampleId :

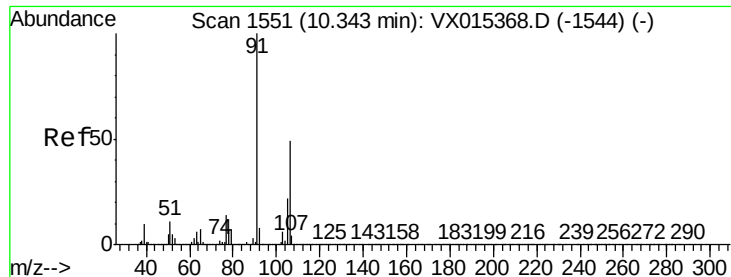
Tot Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.6	142.9
119	62.5	31.1	93.3



#67
 Ethyl Benzene
 Concen: 18.110 ug/l
 RT: 10.24 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VX015769.D
 Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.8	37.2





#68

m/p-Xylenes

Concen: 36.756 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

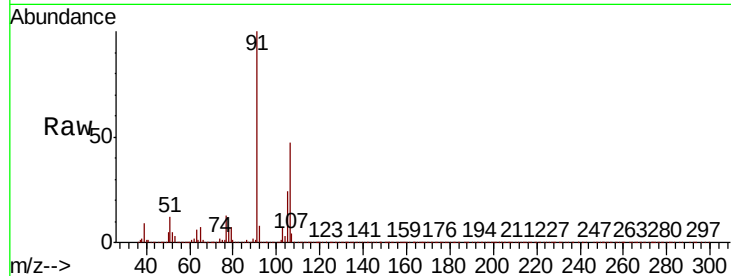
ClientSampleId :

Tot Ion:106 Resp: 694187

Ion Ratio Lower Upper

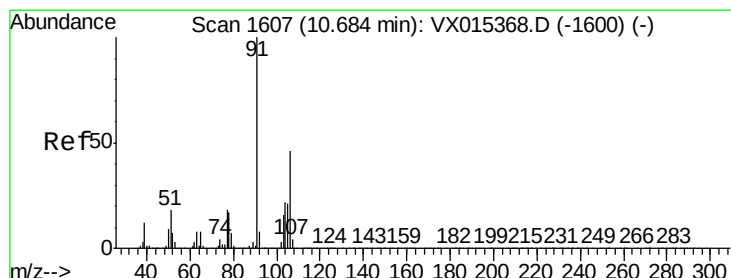
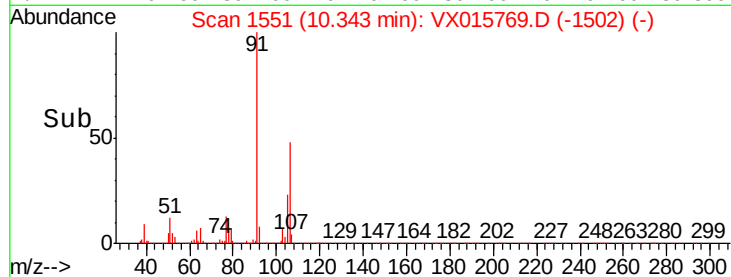
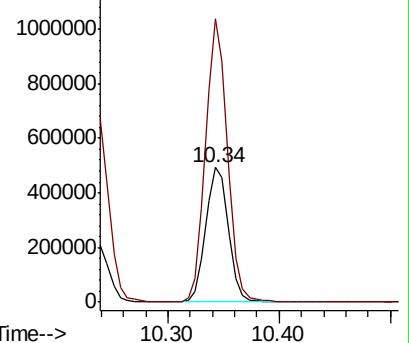
106 100

91 202.6 163.4 245.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 18.311 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015769.D

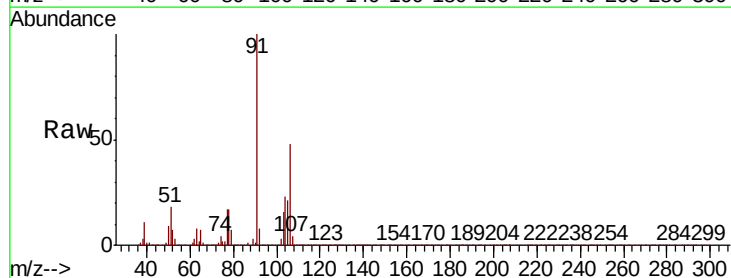
Acq: 20 Apr 2020 16:35

Tgt Ion:106 Resp: 341747

Ion Ratio Lower Upper

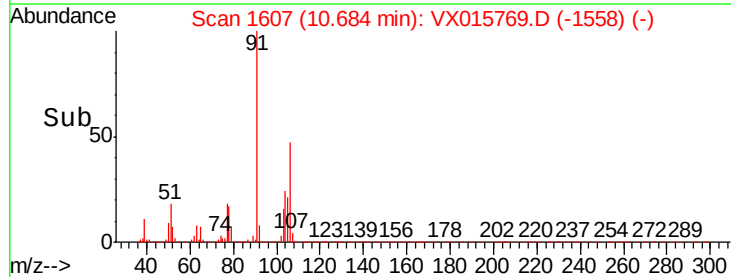
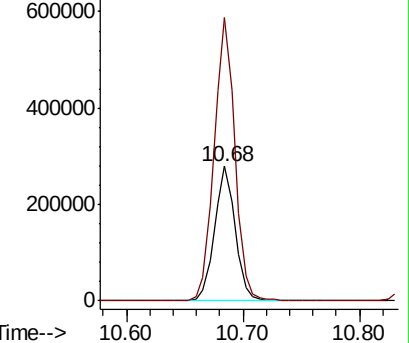
106 100

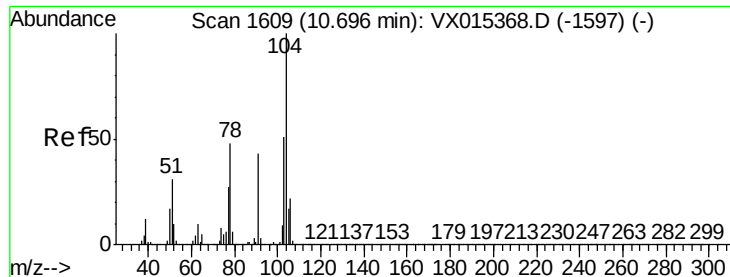
91 212.2 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

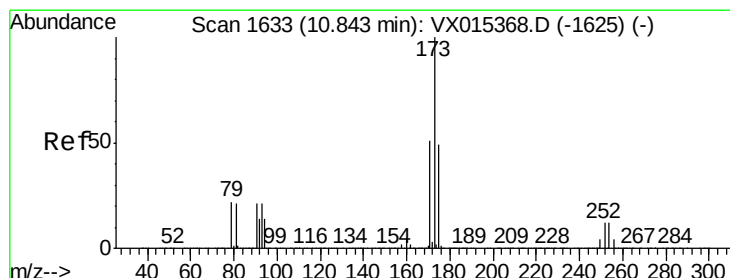
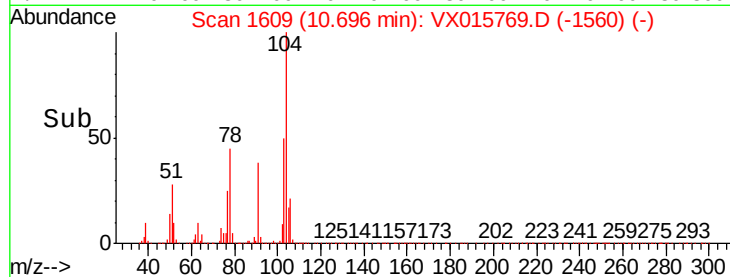
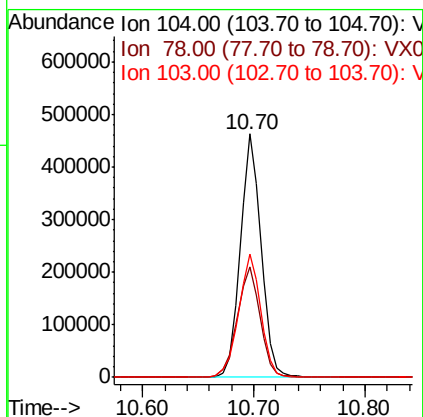
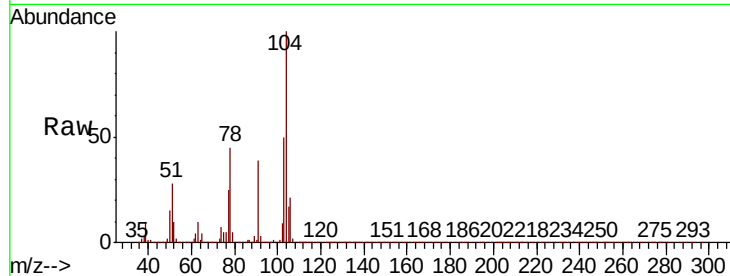




#70
Stvrene
Concen: 18.176 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

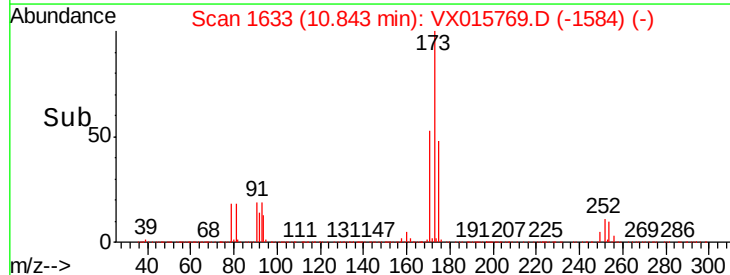
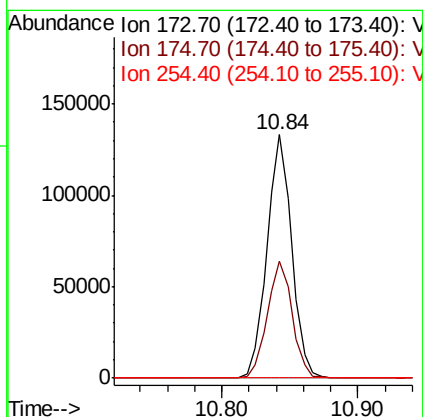
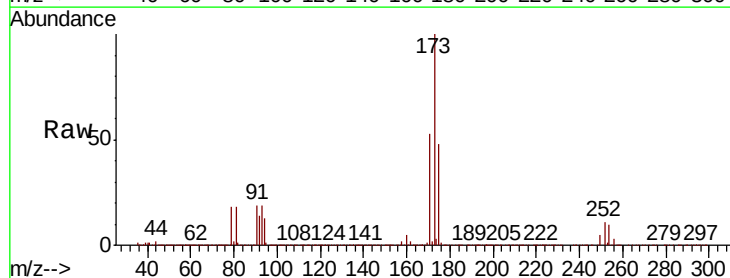
Instrument :
MSVOA_X
ClientSampleId :

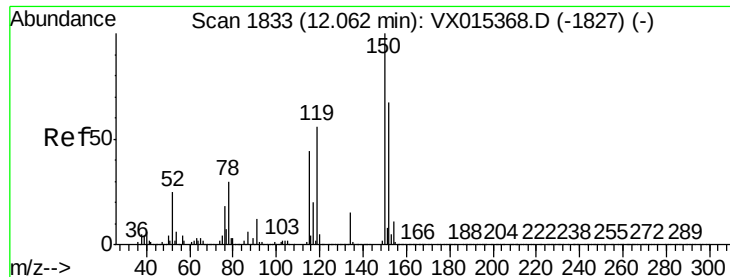
Tot Ion	Ratio	Lower	Upper
104	100		
78	50.1	42.0	63.0
103	53.9	43.4	65.0



#71
Bromoform
Concen: 16.264 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	23.9	71.7
254	0.3	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

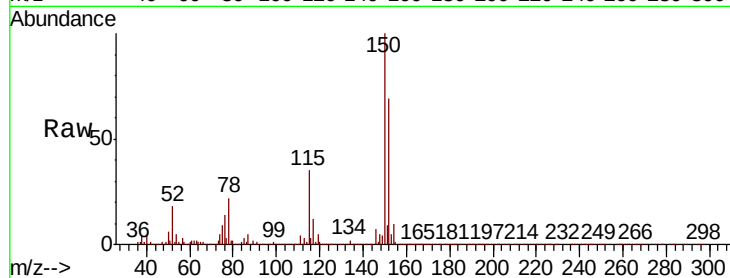
Tot Ion:152 Resp: 758670

Ion Ratio Lower Upper

152 100

115 64.6 39.0 116.9

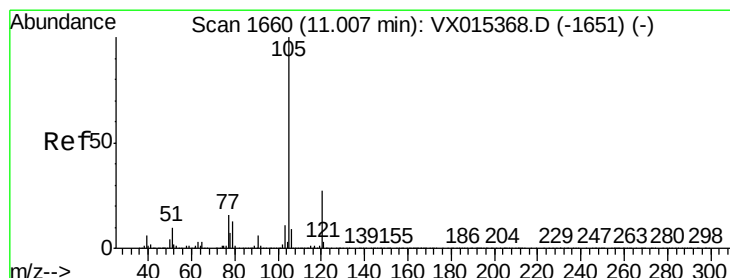
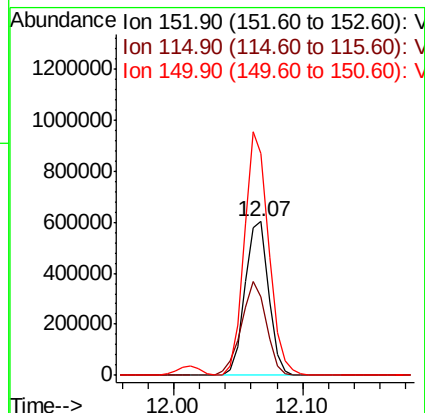
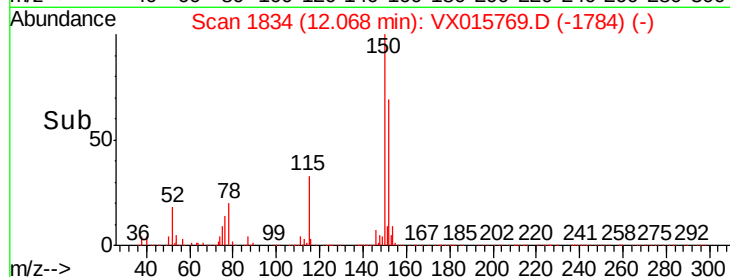
150 162.8 0.0 340.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 18.304 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015769.D

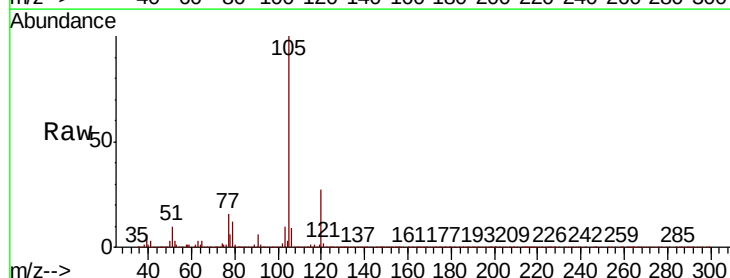
Acq: 20 Apr 2020 16:35

Tgt Ion:105 Resp: 909892

Ion Ratio Lower Upper

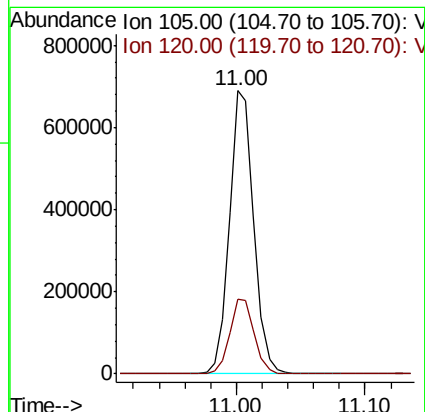
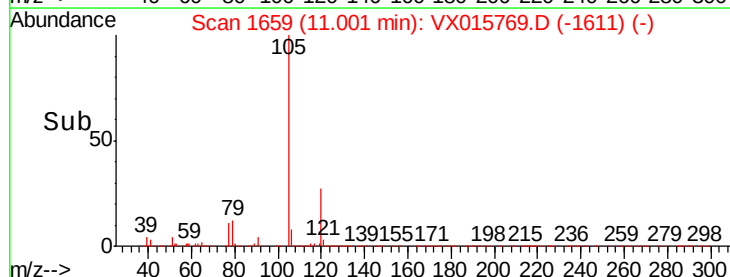
105 100

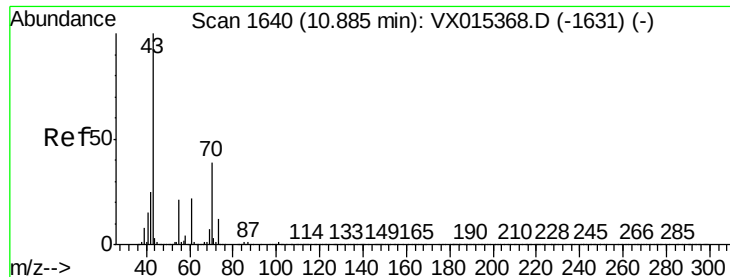
120 26.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

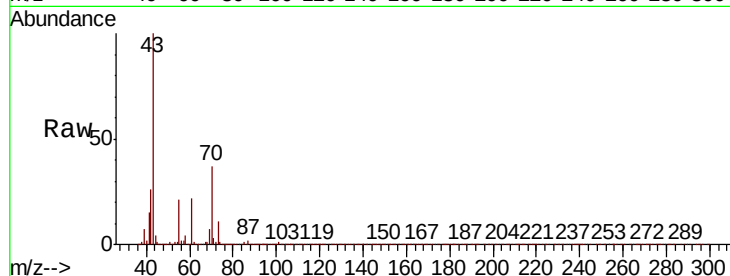




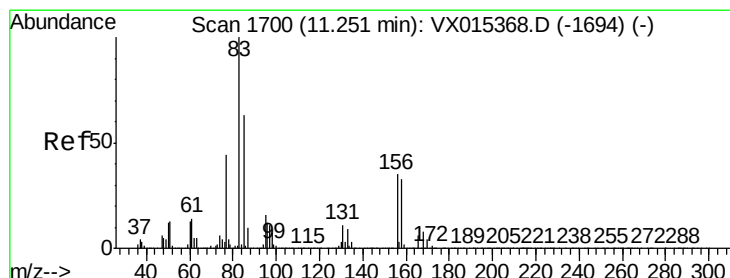
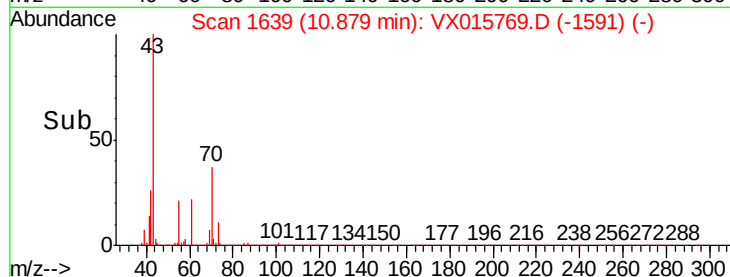
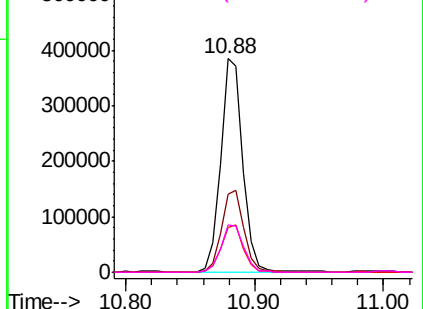
#74
N-amvl acetate
Concen: 16.893 ug/l
RT: 10.88 min Scan# 1639
Delta R.T. -0.01 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	43	Resp:	467038
Ion	Ratio	Lower	Upper
43	100		
70	38.7	30.2	45.4
55	22.0	16.8	25.2
61	23.2	18.2	27.2

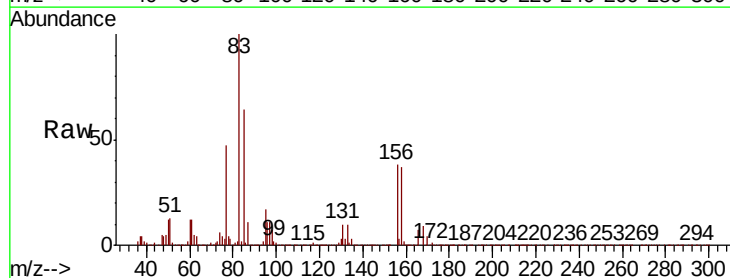


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0

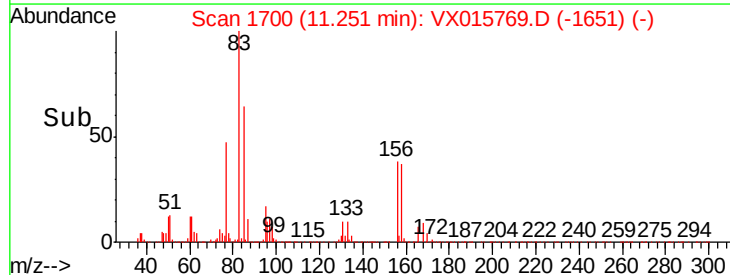
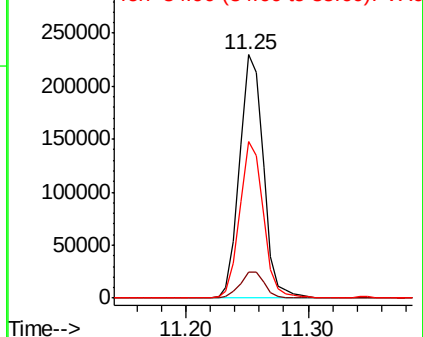


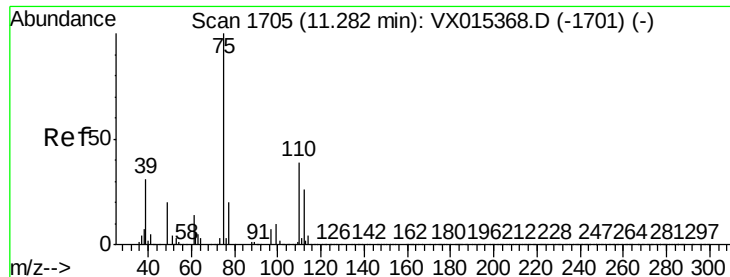
#75
1,1,2,2-Tetrachloroethane
Concen: 18.072 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion:	83	Resp:	308263
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.3	16.1
85	63.3	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: 21.033 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

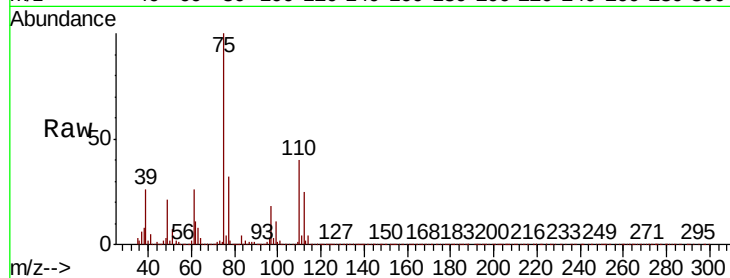
ClientSampleId :

Tot Ion: 75 Resp: 328148

Ion Ratio Lower Upper

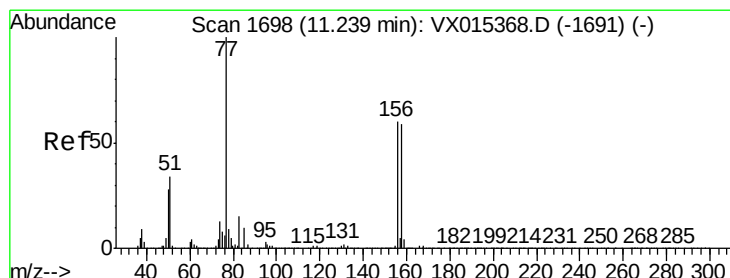
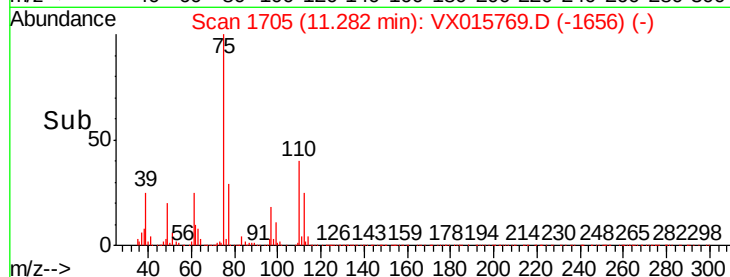
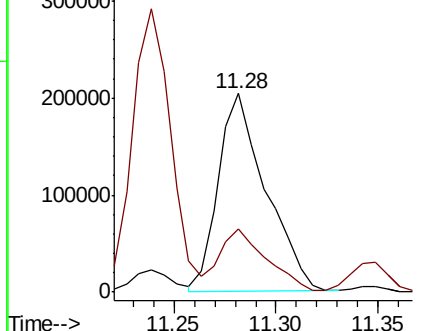
75 100

77 31.8 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: 18.825 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

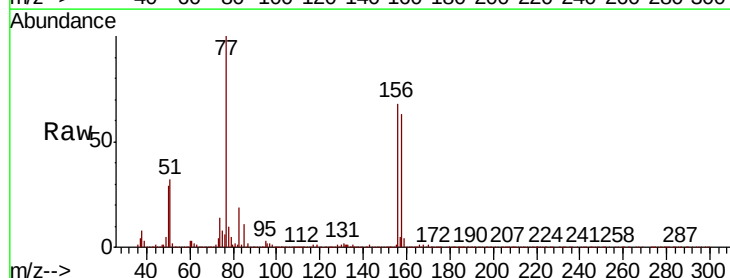
Tgt Ion: 156 Resp: 249615

Ion Ratio Lower Upper

156 100

77 153.4 82.2 246.5

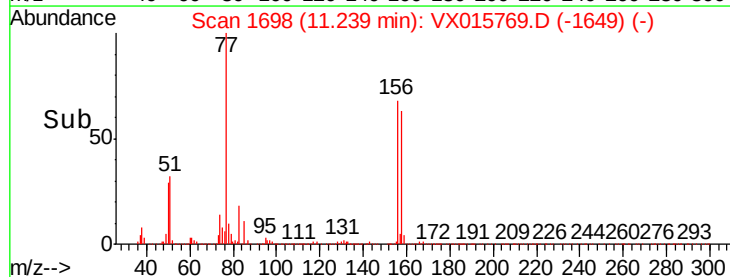
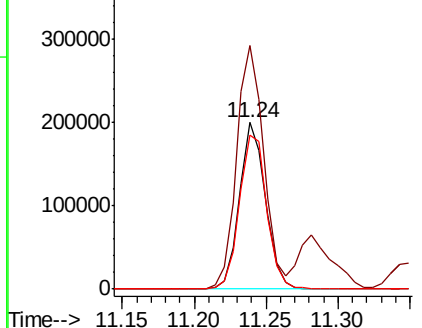
158 97.4 49.3 147.9

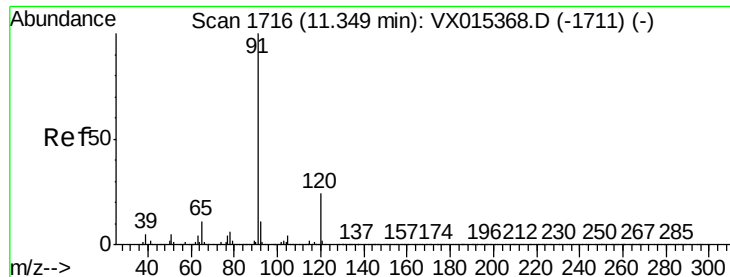


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 18.305 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

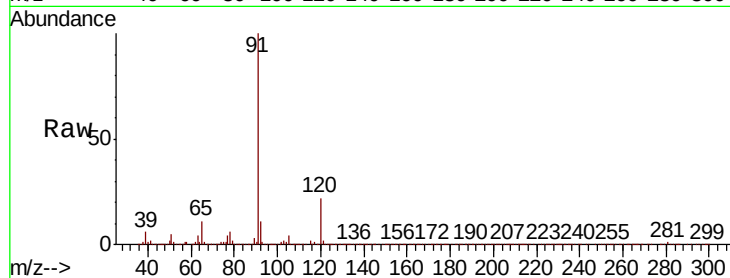
ClientSampleId :

Tot Ion: 91 Resp: 1040467

Ion Ratio Lower Upper

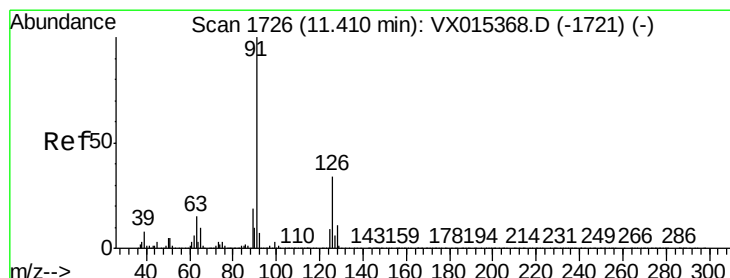
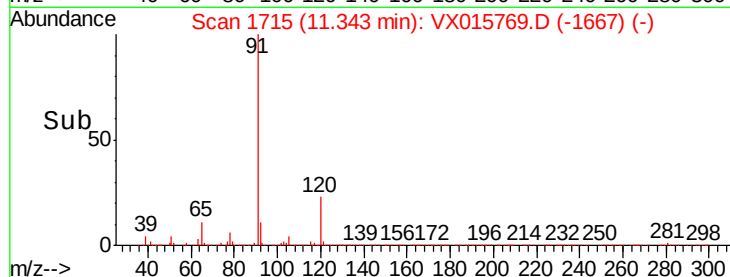
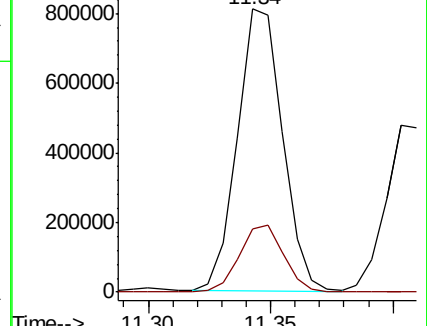
91 100

120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 17.851 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015769.D

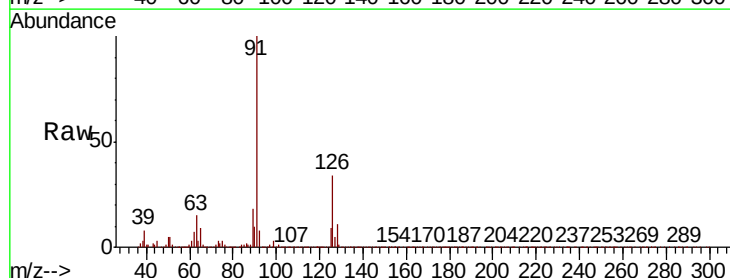
Acq: 20 Apr 2020 16:35

Tgt Ion: 91 Resp: 621913

Ion Ratio Lower Upper

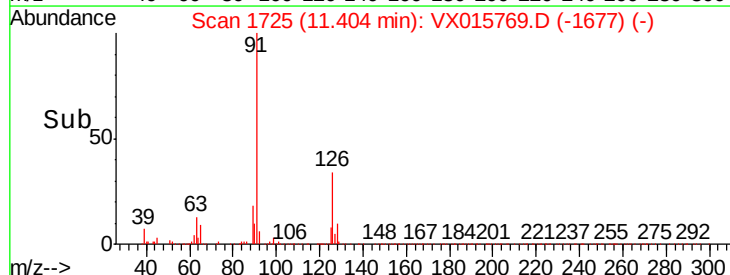
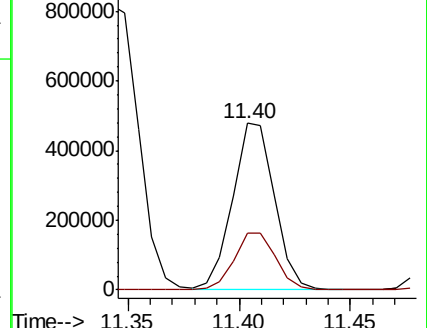
91 100

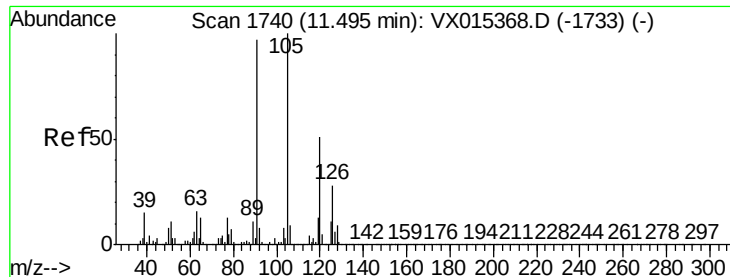
126 34.7 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



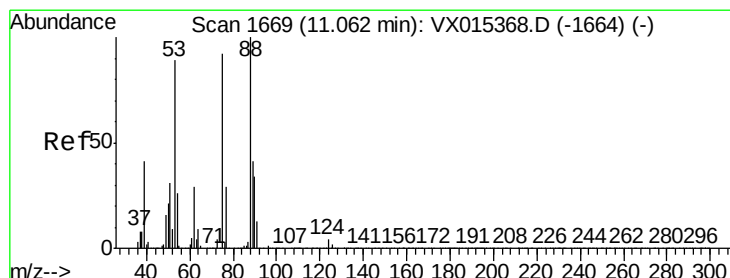
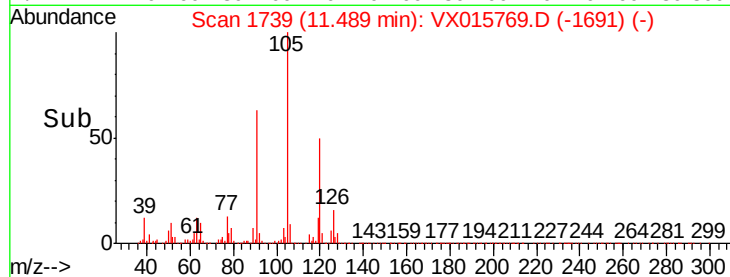
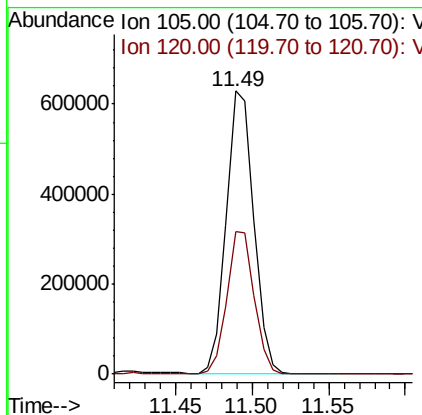
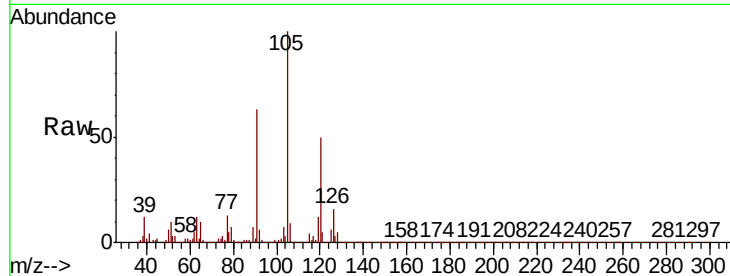


#80

1,3,5-Trimethylbenzene
Concen: 18.500 ug/l
RT: 11.49 min Scan# 1739
Delta R.T. -0.01 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :

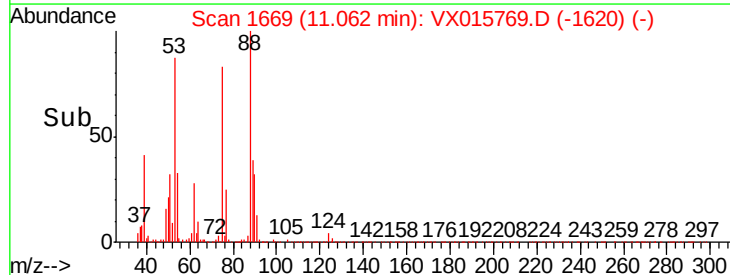
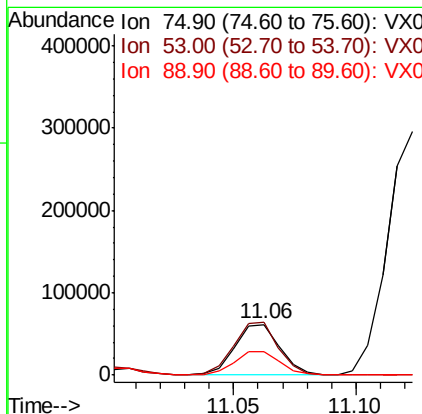
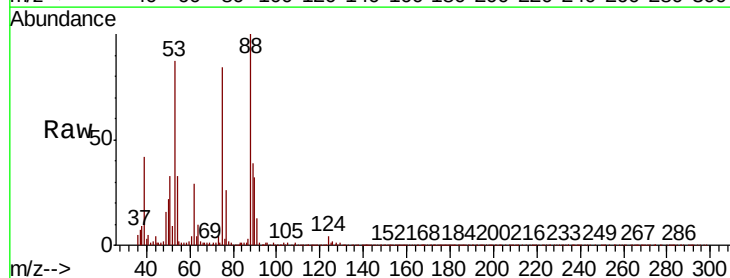
Tot Ion: 105 Resp: 785406
Ion Ratio Lower Upper
105 100
120 50.0 24.8 74.4

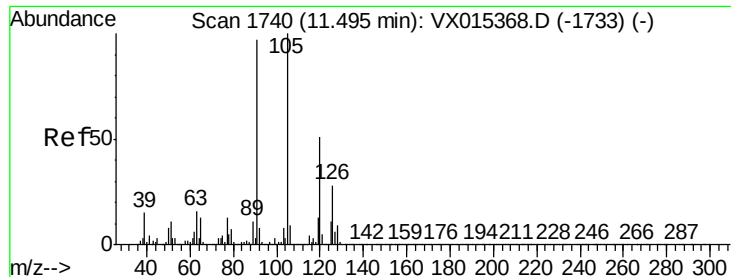


#81

trans-1,4-Dichloro-2-butene
Concen: 12.118 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion: 75 Resp: 78791
Ion Ratio Lower Upper
75 100
53 101.8 80.1 120.1
89 47.9 36.1 54.1

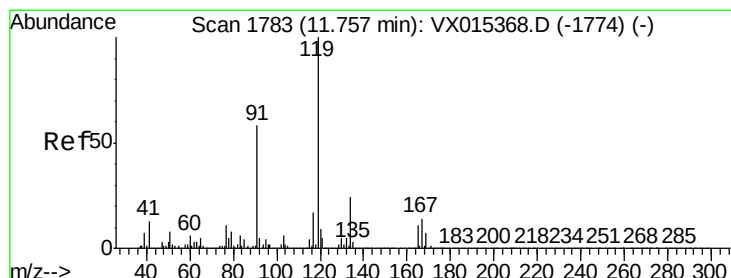
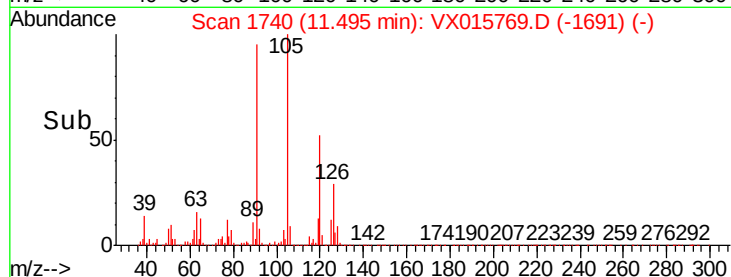
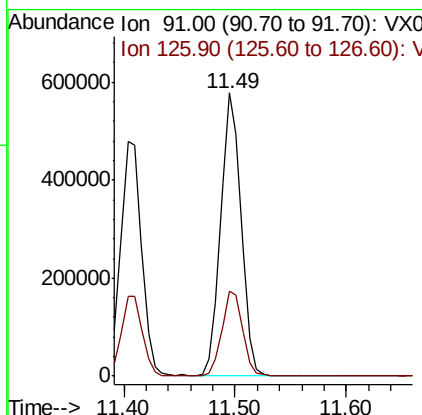
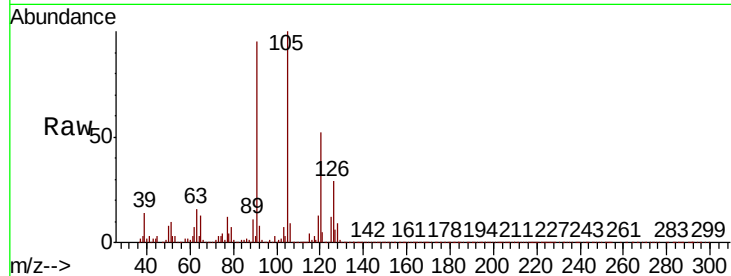




#82
4-Chlorotoluene
Concen: 17.957 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

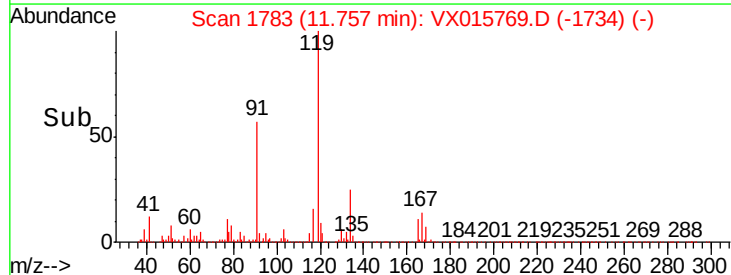
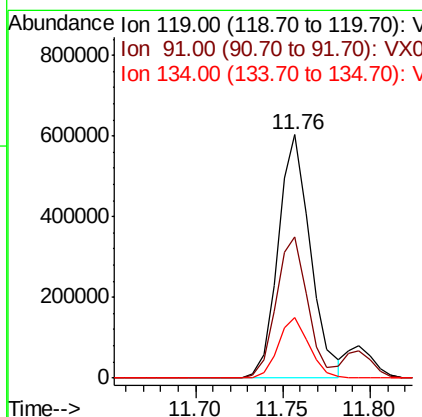
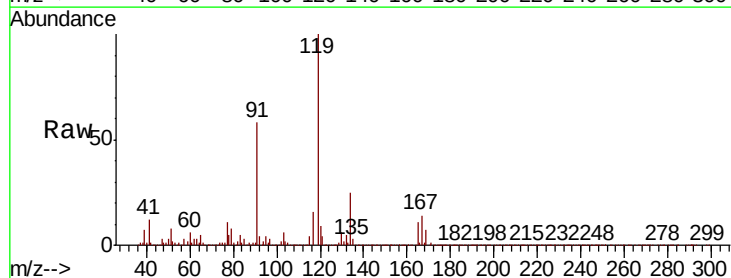
Instrument :
MSVOA_X
ClientSampled :

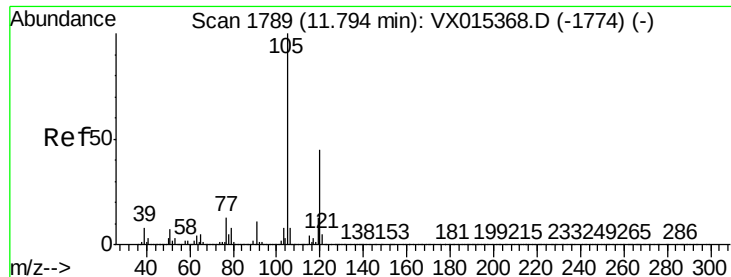
Tot Ion: 91 Resp: 733400
Ion Ratio Lower Upper
91 100
126 30.2 14.7 44.1



#83
tert-Butylbenzene
Concen: 18.675 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion: 119 Resp: 774428
Ion Ratio Lower Upper
119 100
91 56.2 28.6 85.8
134 24.1 11.8 35.3





#84

1,2,4-Trimethylbenzene

Concen: 18.736 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

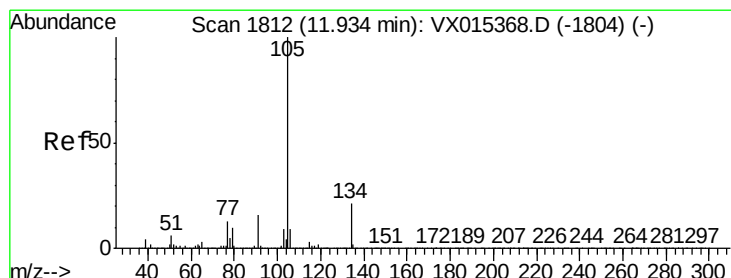
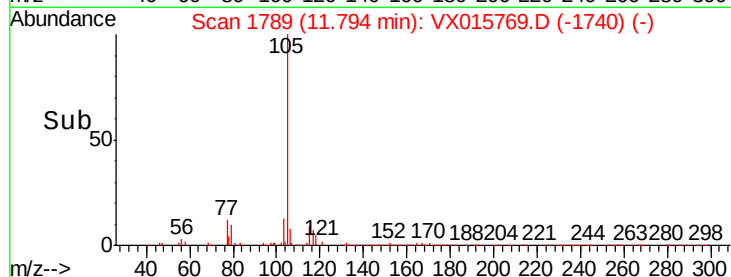
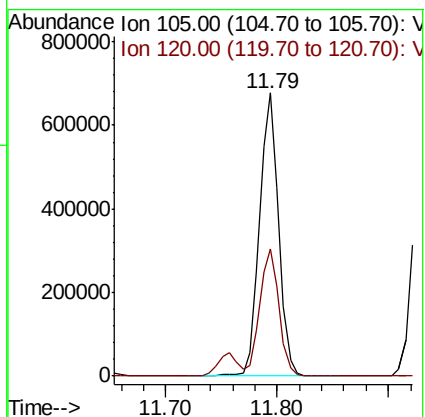
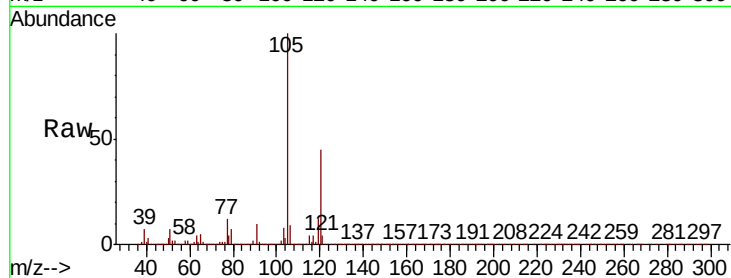
ClientSampleId :

Tot Ion:105 Resp: 810541

Ion Ratio Lower Upper

105 100

120 45.2 22.7 68.1



#85

sec-Butylbenzene

Concen: 18.471 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015769.D

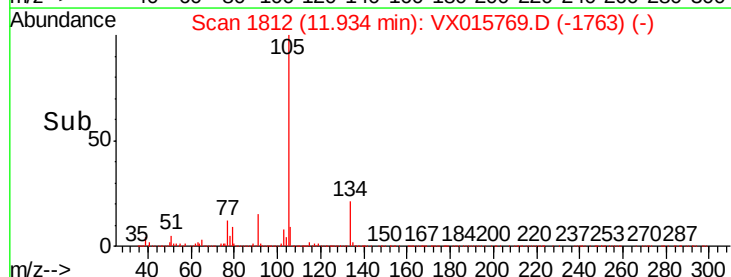
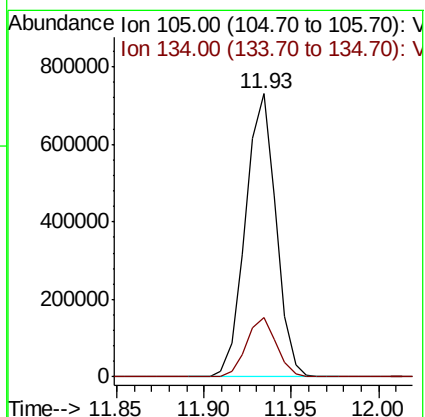
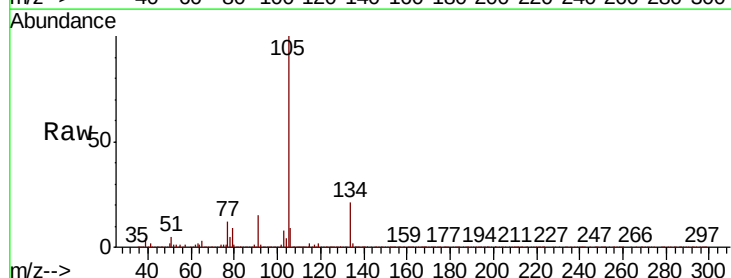
Acq: 20 Apr 2020 16:35

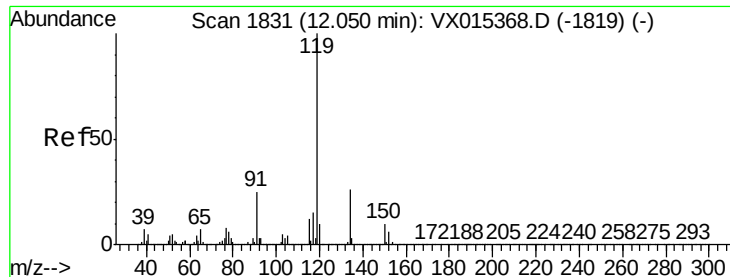
Tgt Ion:105 Resp: 885846

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1

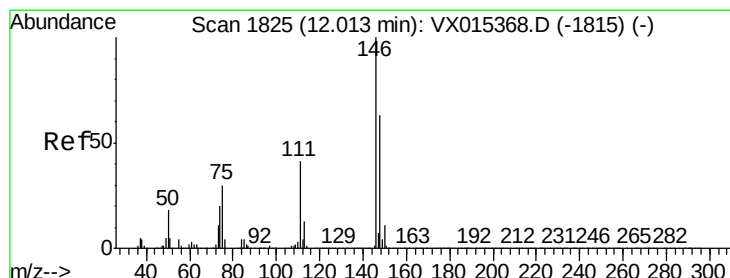
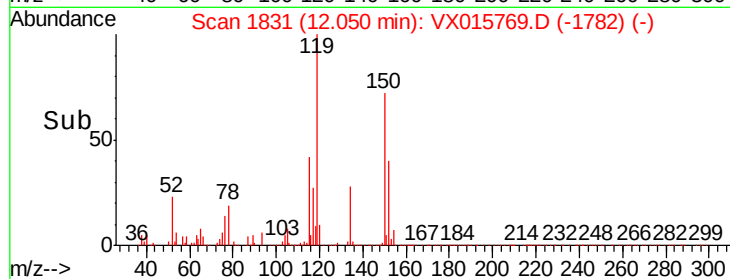
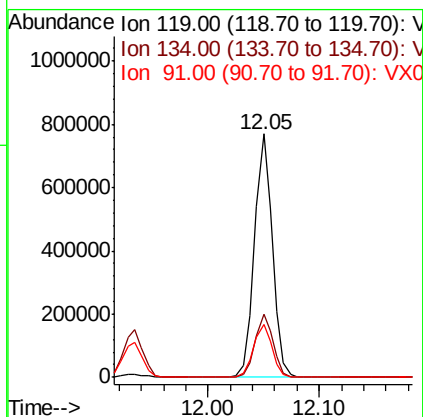
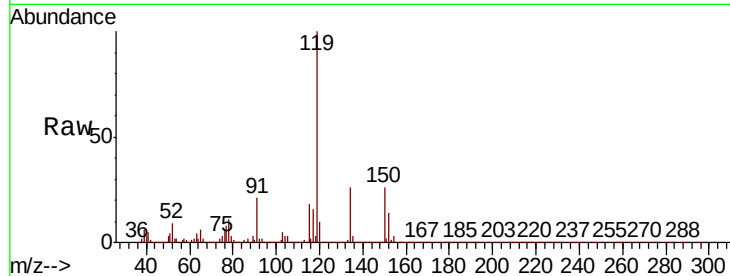




#86
p-Isopropyltoluene
Concen: 19.370 ug/l
RT: 12.05 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

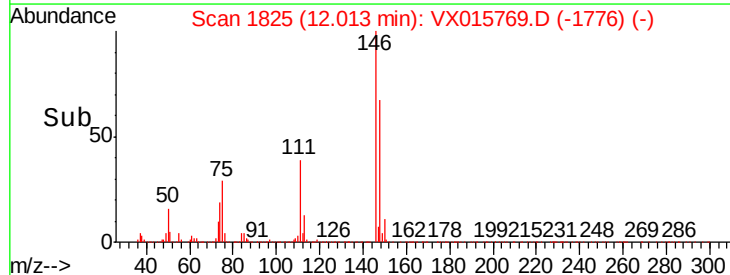
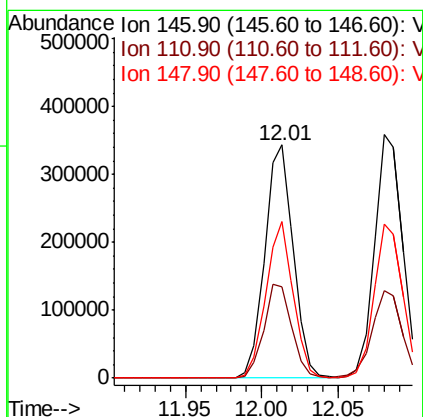
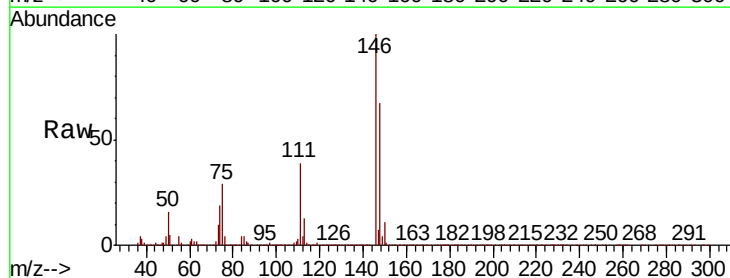
Instrument :
MSVOA_X
ClientSampleId :

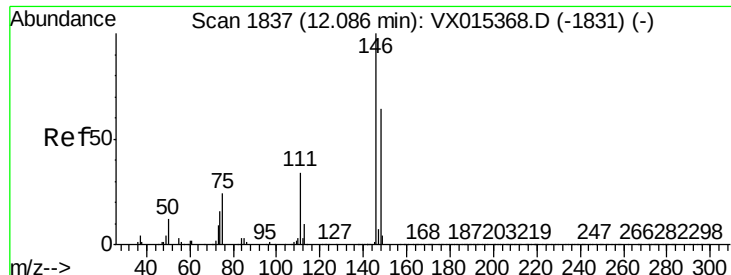
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.3
91	22.4	12.4	37.4



#87
1,3-Dichlorobenzene
Concen: 18.757 ug/l
RT: 12.01 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.3	60.9
148	64.4	31.3	93.9





#88

1,4-Dichlorobenzene

Concen: 18.780 ug/l

RT: 12.08 min Scan# 1836

Delta R.T. -0.01 min

Lab File: VX015769.D

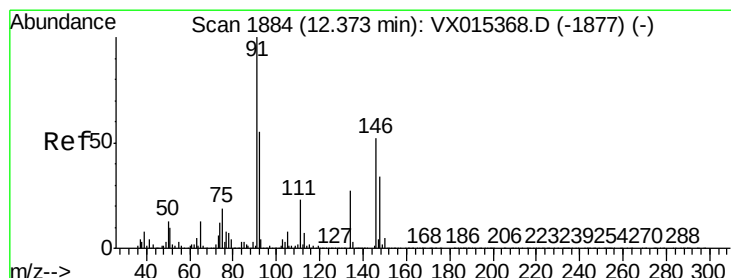
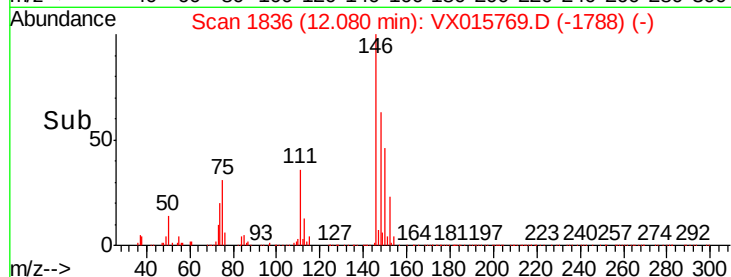
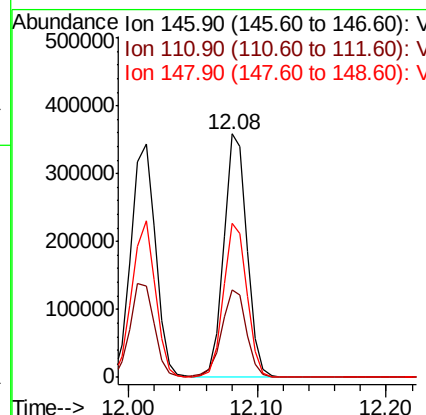
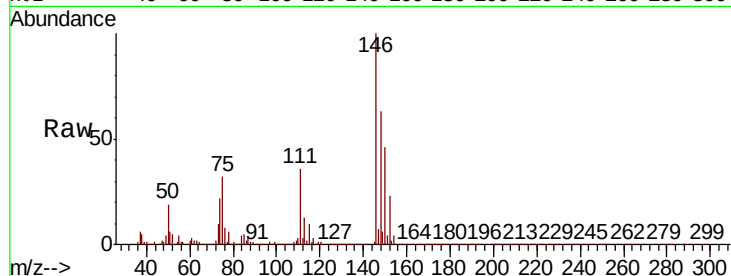
Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	454059
Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.5
148	64.4	32.4	97.2



#89

n-Butylbenzene

Concen: 18.590 ug/l

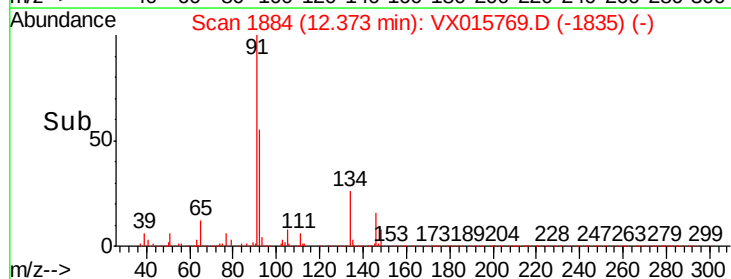
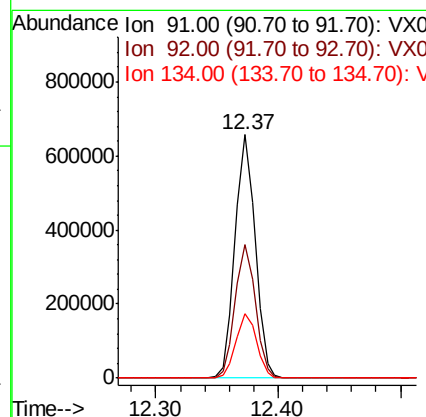
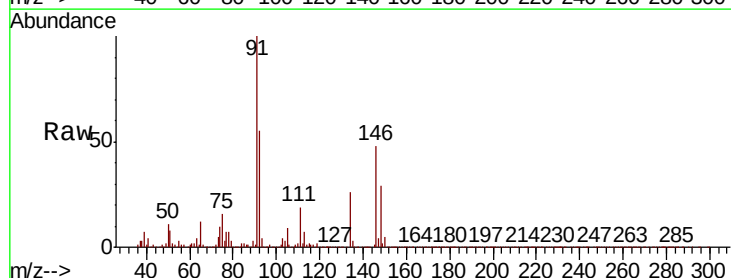
RT: 12.37 min Scan# 1884

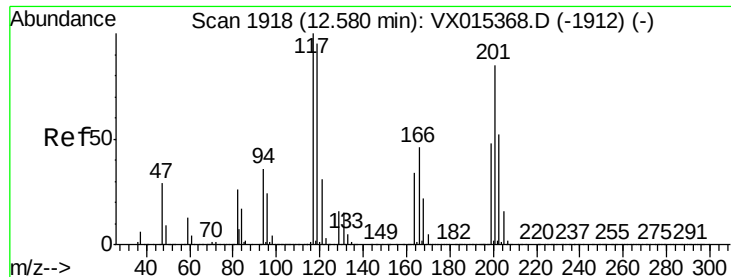
Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Tgt Ion:	91	Resp:	747949
Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.2	81.5
134	27.2	13.4	40.2





#90

Hexachloroethane

Concen: 14.999 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

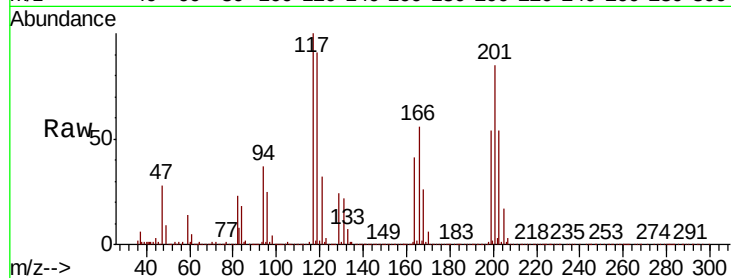
ClientSampleId :

Tot Ion:117 Resp: 129977

Ion Ratio Lower Upper

117 100

201 88.9 42.6 128.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

120000

100000

80000

60000

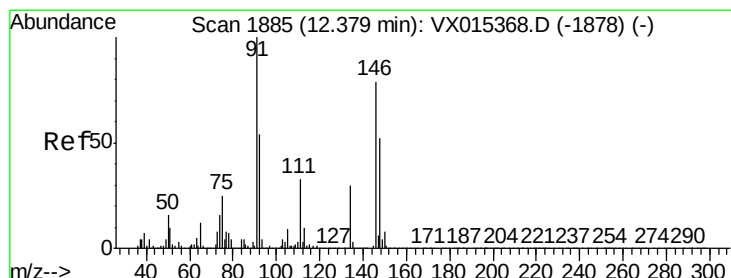
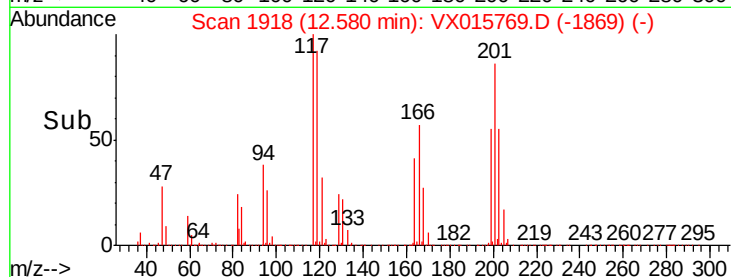
40000

20000

0

12.50 12.55 12.60 12.65

Time-->



#91

1,2-Dichlorobenzene

Concen: 18.695 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

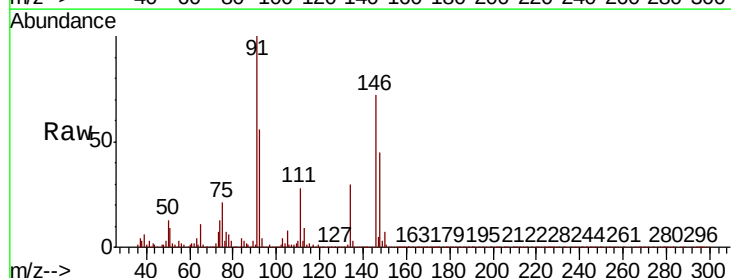
Tgt Ion:146 Resp: 434274

Ion Ratio Lower Upper

146 100

111 39.7 21.0 63.0

148 62.7 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

400000

300000

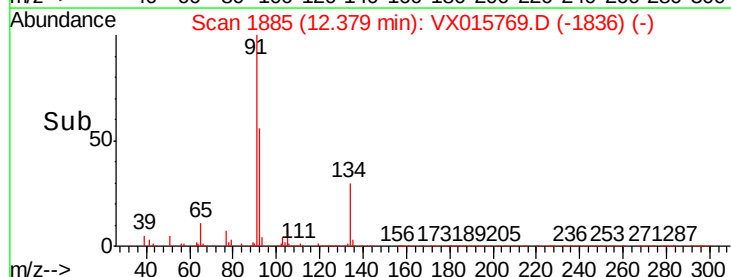
200000

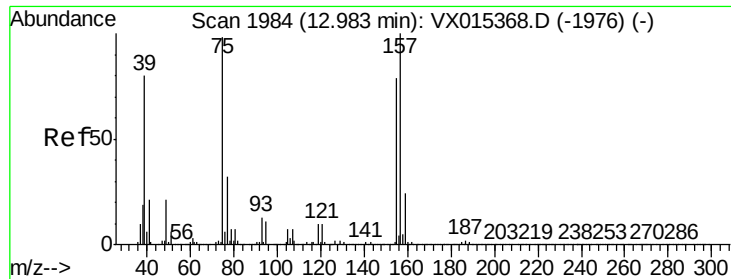
100000

0

12.30 12.40

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 15.330 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

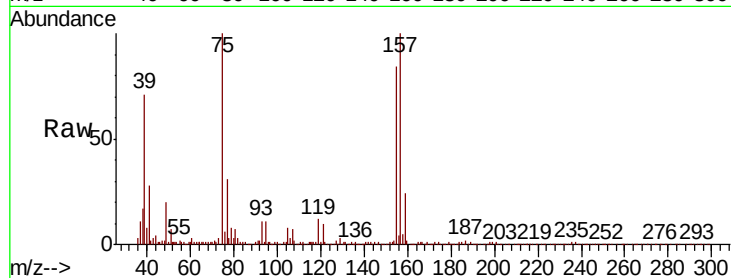
Tot Ion: 75 Resp: 73802

Ion Ratio Lower Upper

75 100

155 89.1 42.8 128.4

157 112.1 53.4 160.3



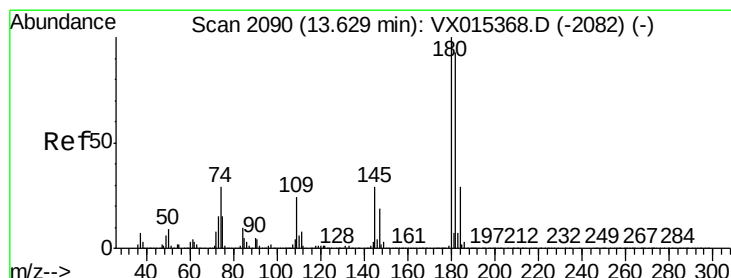
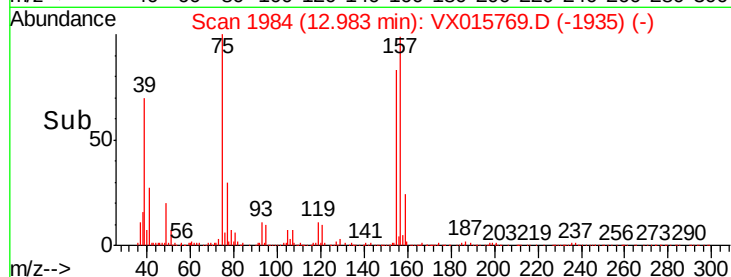
Abundance Ion 74.90 (74.60 to 75.60): VX015368.D (-1976) (-)

Ion 154.80 (154.50 to 155.50): VX015368.D (-1976) (-)

Ion 156.80 (156.50 to 157.50): VX015368.D (-1976) (-)

12.98

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 18.930 ug/l

RT: 13.63 min Scan# 2090

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

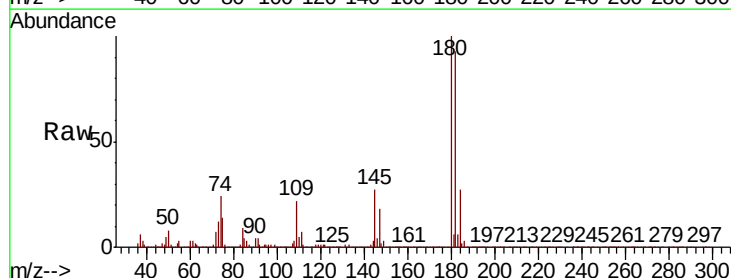
Tgt Ion: 180 Resp: 347837

Ion Ratio Lower Upper

180 100

182 97.2 46.9 140.7

145 28.9 14.9 44.5



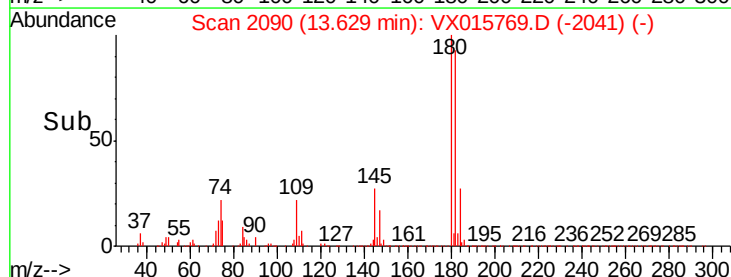
Abundance Ion 179.80 (179.50 to 180.50): VX015368.D (-2082) (-)

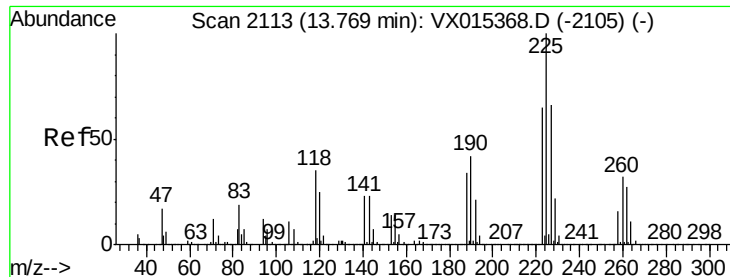
Ion 181.80 (181.50 to 182.50): VX015368.D (-2082) (-)

Ion 144.80 (144.50 to 145.50): VX015368.D (-2082) (-)

13.63

Time-->

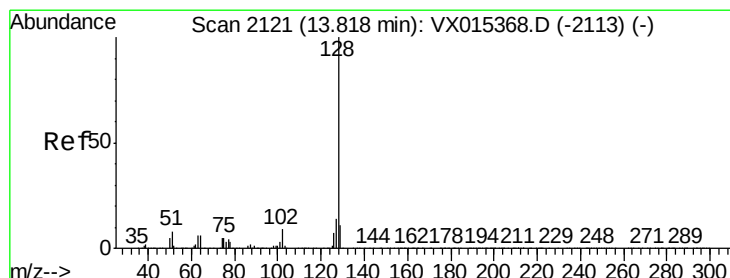
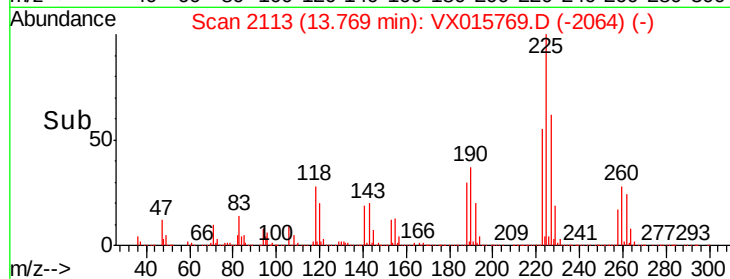
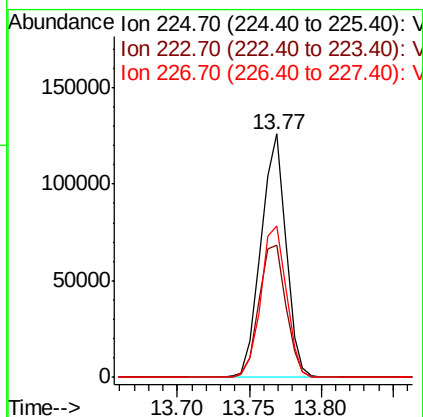
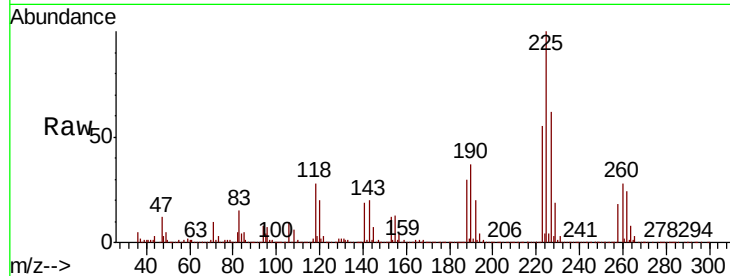




#94
Hexachlorobutadiene
Concen: 17.169 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

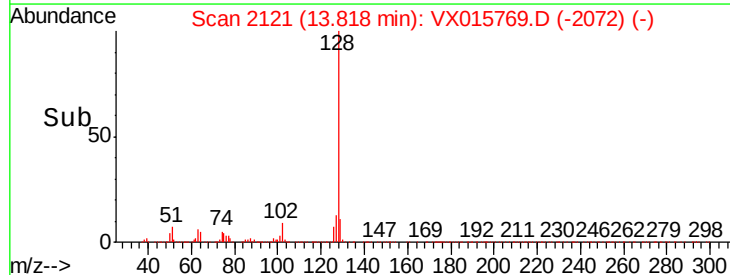
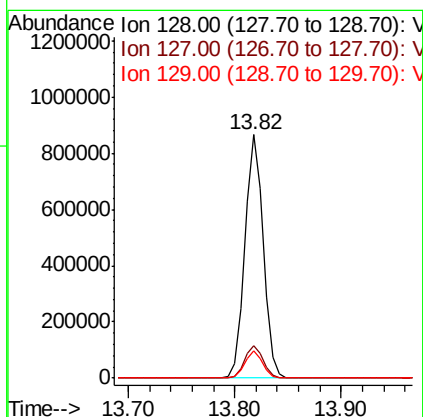
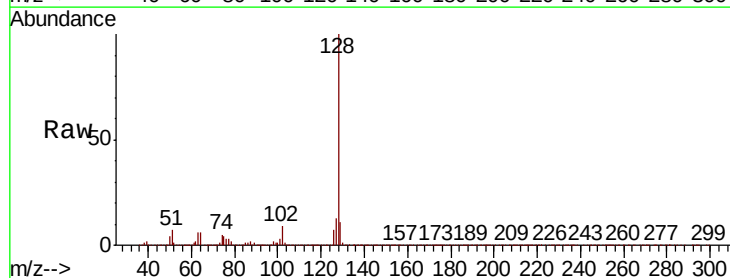
Instrument :
MSVOA_X
ClientSampleId :

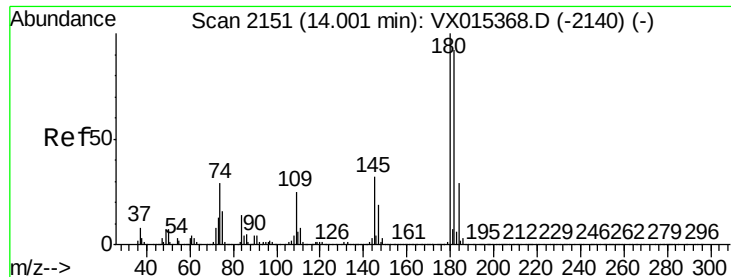
Tot Ion	Ratio	Lower	Upper
225	100		
223	58.8	31.9	95.7
227	64.0	30.4	91.3



#95
Naphthalene
Concen: 18.736 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.9	8.8	13.2

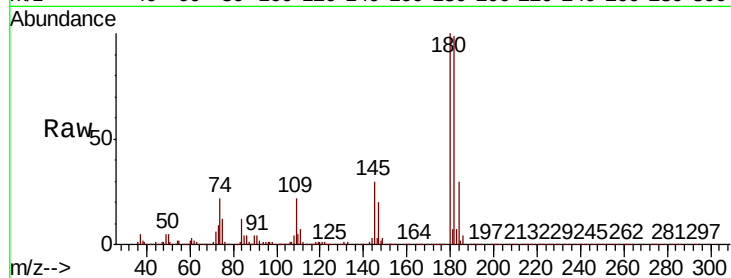




#96
 1,2,3-Trichlorobenzene
 Concen: 18.993 ug/l
 RT: 14.01 min Scan# 2152
 Delta R.T. 0.01 min
 Lab File: VX015769.D
 Acq: 20 Apr 2020 16:35

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	46.7	140.0
145	32.0	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

