

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050620\
 Data File : VX016073.D
 Acq On : 06 May 2020 10:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 07 07:12:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	321563	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	500346	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	469649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	238175	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	169978	40.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	80.34%	
35) Dibromofluoromethane	5.46	113	133594	42.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.28%	
50) Toluene-d8	8.70	98	515336	42.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.38%	
62) 4-Bromofluorobenzene	11.12	95	201902	43.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	172306	50.624	ug/l	100
3) Chloromethane	1.31	50	183030	46.304	ug/l	100
4) Vinyl Chloride	1.39	62	200363	47.511	ug/l	100
5) Bromomethane	1.62	94	97157	45.698	ug/l	98
6) Chloroethane	1.70	64	122739	47.834	ug/l	98
7) Trichlorofluoromethane	1.91	101	263858	47.657	ug/l	100
8) Diethyl Ether	2.17	74	107738	46.184	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	158211	49.530	ug/l	99
10) Methyl Iodide	2.49	142	192517	44.869	ug/l	99
11) Tert butyl alcohol	3.01	59	236533	221.054	ug/l	100
12) 1,1-Dichloroethene	2.36	96	157061	46.987	ug/l	96
13) Acrolein	2.27	56	152097	227.152	ug/l	99
14) Allyl chloride	2.70	41	292334	47.697	ug/l	98
15) Acrylonitrile	3.11	53	512349	230.812	ug/l	99
16) Acetone	2.42	43	425072	225.141	ug/l	97
17) Carbon Disulfide	2.55	76	483266	48.135	ug/l	99
18) Methyl Acetate	2.75	43	213778	46.051	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	557262	48.360	ug/l	100
20) Methylene Chloride	2.83	84	178413	45.839	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	174418	46.824	ug/l	99
22) Diisopropyl ether	3.82	45	557299	48.198	ug/l	89
23) Vinyl Acetate	3.78	43	2474441	243.244	ug/l	100
24) 1,1-Dichloroethane	3.67	63	312472	48.309	ug/l	99
25) 2-Butanone	4.63	43	690621	227.000	ug/l	100
26) 2,2-Dichloropropane	4.55	77	287378	48.650	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	195384	47.979	ug/l	99
28) Bromochloromethane	4.98	49	146967	49.830	ug/l	100
29) Tetrahydrofuran	5.09	42	460605	228.488	ug/l	100
30) Chloroform	5.17	83	308647	47.926	ug/l	99
31) Cyclohexane	5.54	56	291863	49.651	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	283485	48.426	ug/l	99
36) 1,1-Dichloropropene	5.77	75	243782	49.497	ug/l	99
37) Ethyl Acetate	4.79	43	272217	47.687	ug/l	100
38) Carbon Tetrachloride	5.75	117	251407	50.220	ug/l	95

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	304335	51.310	ug/l	99
40) Benzene	6.11	78	704918	48.916	ug/l	100
41) Methacrylonitrile	5.00	41	145297	47.131	ug/l	99
42) 1,2-Dichloroethane	6.16	62	250475	48.249	ug/l	99
43) Isopropyl Acetate	6.41	43	438203	48.112	ug/l	99
44) Trichloroethene	7.19	130	251722	49.168	ug/l	98
45) 1,2-Dichloropropane	7.49	63	182021	49.917	ug/l	100
46) Dibromomethane	7.63	93	120477	48.618	ug/l	100
47) Bromodichloromethane	7.87	83	252509	50.033	ug/l	100
48) Methyl methacrylate	7.74	41	207802	48.149	ug/l	99
49) 1,4-Dioxane	7.71	88	95754	925.090	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1344035	241.144	ug/l	99
52) Toluene	8.76	92	450717	50.177	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	300044	49.863	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	314655	50.062	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	174293	49.318	ug/l	98
56) Ethyl methacrylate	9.16	69	292538	50.711	ug/l	98
57) 1,3-Dichloropropane	9.35	76	307638	49.888	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	866159	282.034	ug/l	100
59) 2-Hexanone	9.47	43	1049482	239.768	ug/l	99
60) Dibromochloromethane	9.57	129	200321	51.467	ug/l	100
61) 1,2-Dibromoethane	9.65	107	190703	49.818	ug/l	99
64) Tetrachloroethene	9.32	164	288491	50.037	ug/l	99
65) Chlorobenzene	10.12	112	480750	48.887	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	179277	49.323	ug/l	99
67) Ethyl Benzene	10.23	91	864954	49.296	ug/l	99
68) m/p-Xylenes	10.34	106	655072	99.647	ug/l	99
69) o-Xylene	10.68	106	315881	49.988	ug/l	100
70) Styrene	10.70	104	546816	51.007	ug/l	100
71) Bromoform	10.84	173	152905	51.634	ug/l #	100
73) Isopropylbenzene	11.00	105	856646	49.450	ug/l	99
74) N-amyl acetate	10.88	43	380078	47.037	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	151227	45.095	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	346942	64.192	ug/l	83
77) Bromobenzene	11.24	156	213482	47.743	ug/l	99
78) n-propylbenzene	11.34	91	1004373	49.837	ug/l	100
79) 2-Chlorotoluene	11.40	91	574721	48.313	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	728154	49.783	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	109851	48.436	ug/l #	93
82) 4-Chlorotoluene	11.49	91	693168	49.344	ug/l	100
83) tert-Butylbenzene	11.76	119	623290	49.447	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	727729	49.212	ug/l	100
85) sec-Butylbenzene	11.93	105	854762	50.223	ug/l	100
86) p-Isopropyltoluene	12.05	119	801076	50.696	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	383001	47.704	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	385078	47.255	ug/l	99
89) n-Butylbenzene	12.37	91	736972	51.052	ug/l	99
90) Hexachloroethane	12.58	117	135345	49.873	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	371657	48.075	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	62402	43.808	ug/l	98

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QLast Update : Wed May 06 06:43:32 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	280243	48.963	ug/l	98
94) Hexachlorobutadiene	13.77	225	135017	54.733	ug/l	98
95) Naphthalene	13.82	128	885383	47.773	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	271679	48.568	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

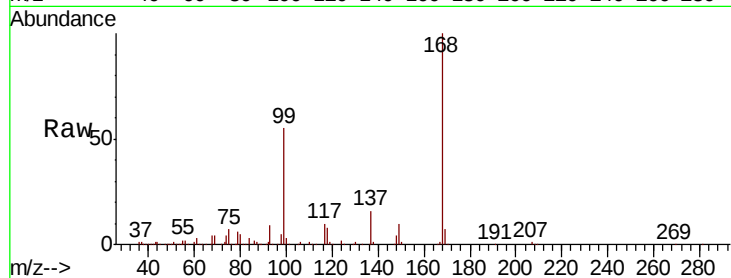
ClientSampled :

Tot Ion:168 Resp: 321563

Ion Ratio Lower Upper

168 100

99 55.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

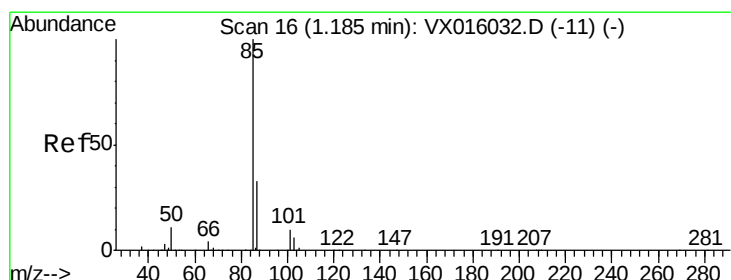
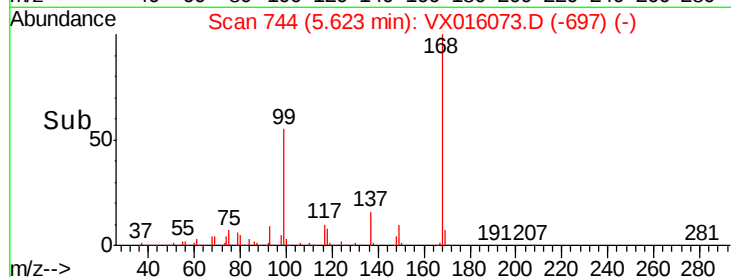
5.62

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.624 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016073.D

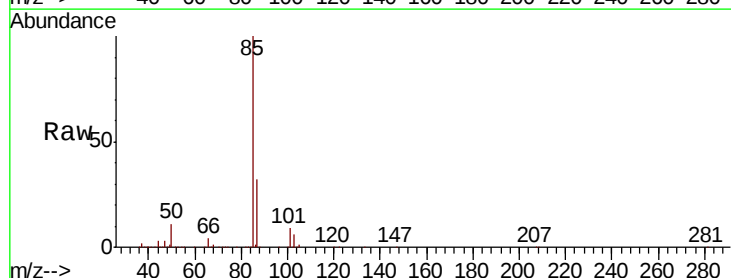
Acq: 06 May 2020 10:45

Tgt Ion: 85 Resp: 172306

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

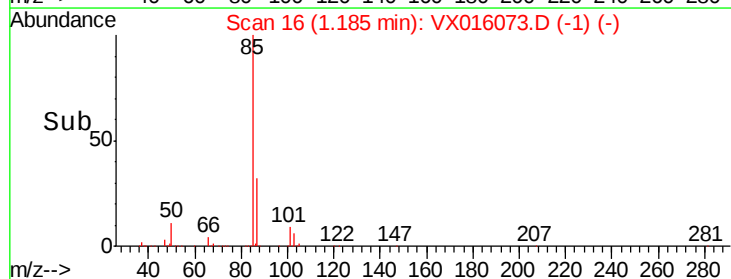
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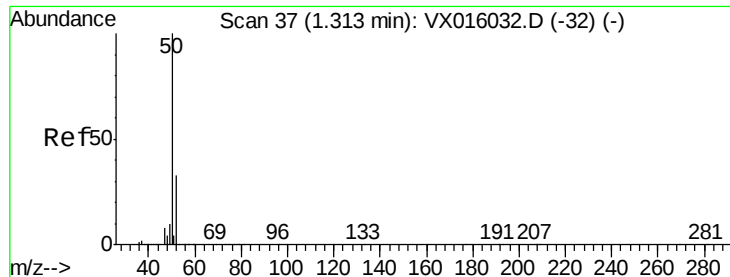
100000

50000

0

Time-->





#3

Chloromethane

Concen: 46.304 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

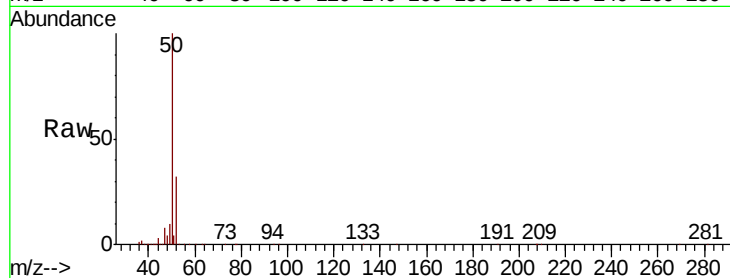
ClientSampleId :

Tot Ion: 50 Resp: 183030

Ion Ratio Lower Upper

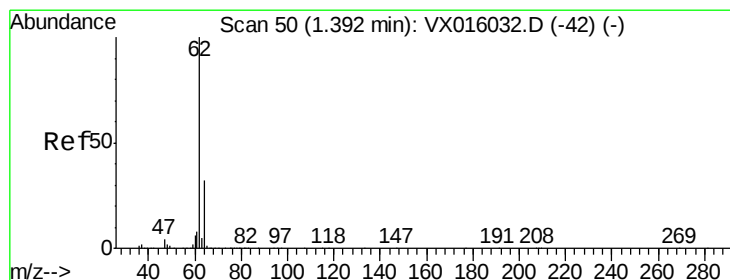
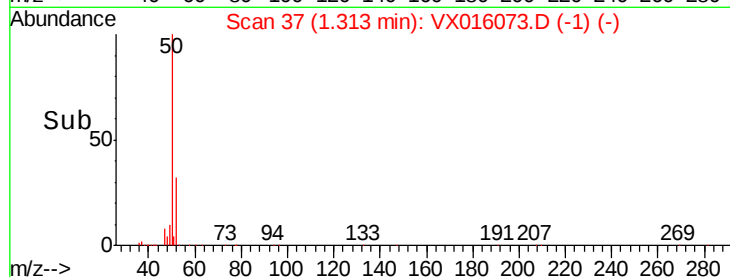
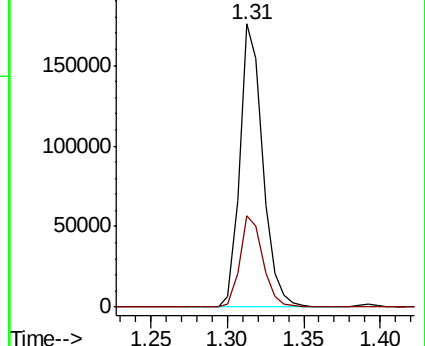
50 100

52 32.5 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.511 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016073.D

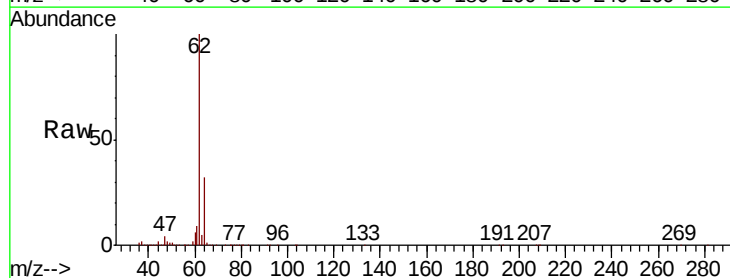
Acq: 06 May 2020 10:45

Tgt Ion: 62 Resp: 200363

Ion Ratio Lower Upper

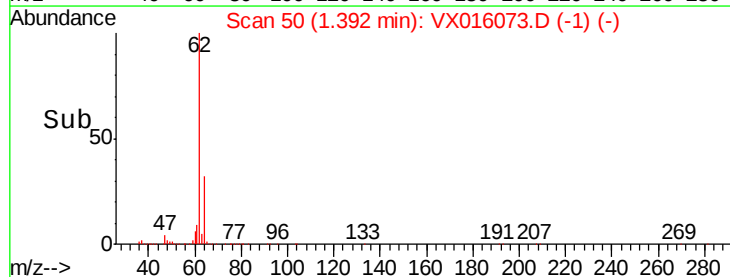
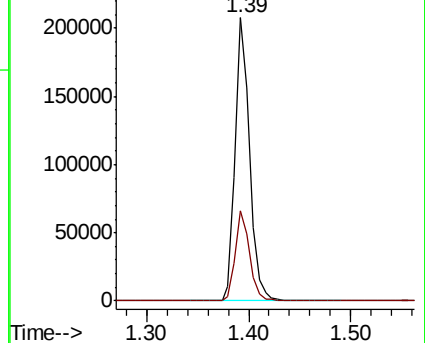
62 100

64 32.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.698 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

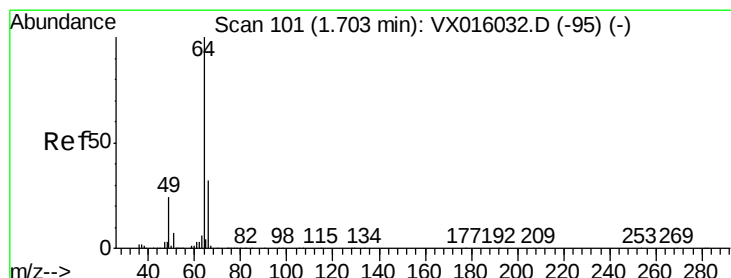
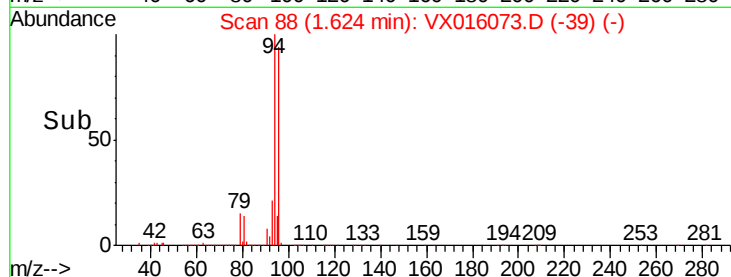
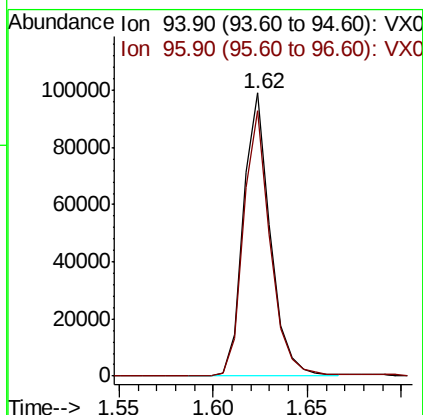
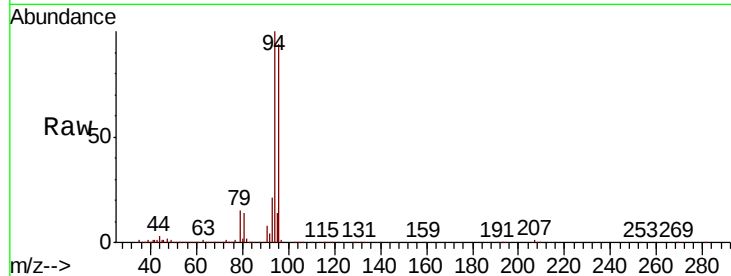
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 97157

Ion Ratio Lower Upper

94 100

96 93.8 76.9 115.3



#6

Chloroethane

Concen: 47.834 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016073.D

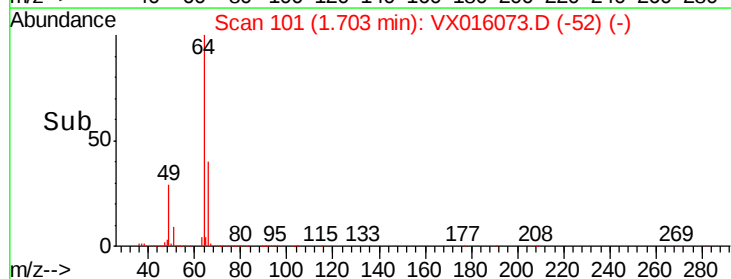
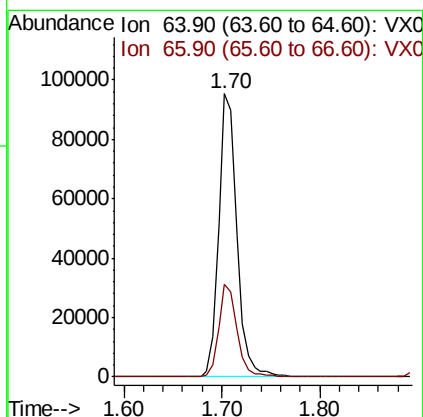
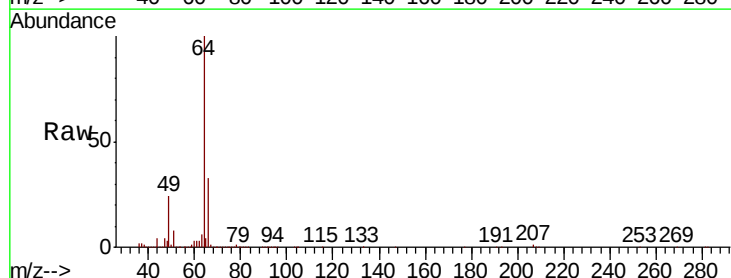
Acq: 06 May 2020 10:45

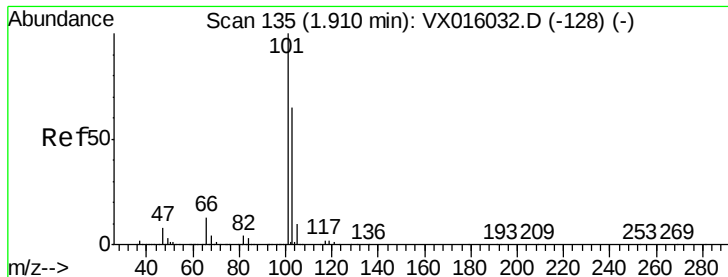
Tgt Ion: 64 Resp: 122739

Ion Ratio Lower Upper

64 100

66 32.8 25.2 37.8



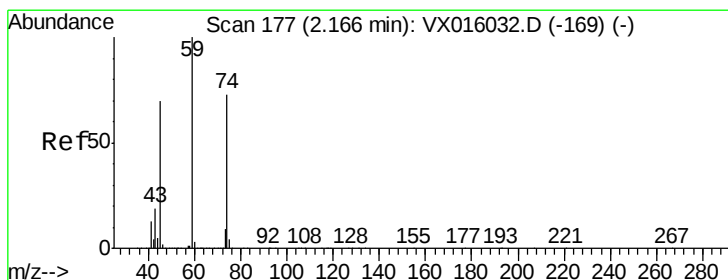
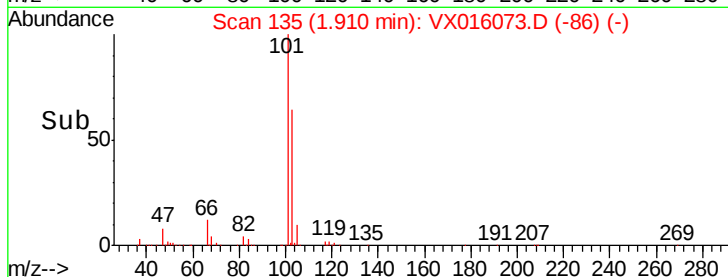
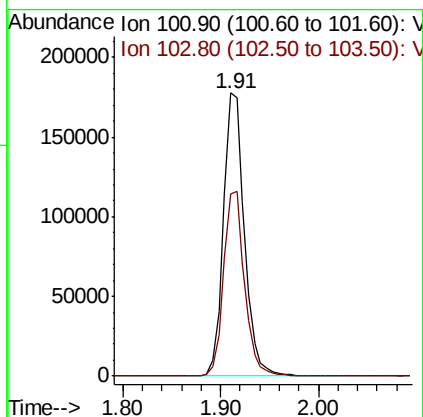
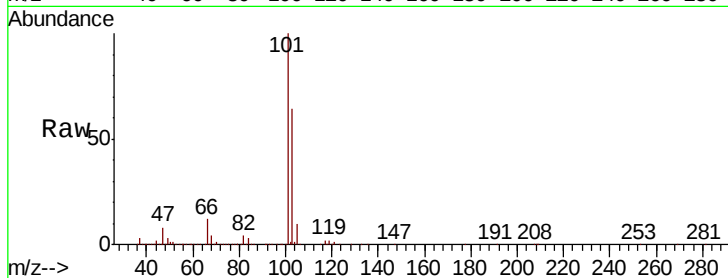


#7

Trichlorofluoromethane
Concen: 47.657 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

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MSVOA_X
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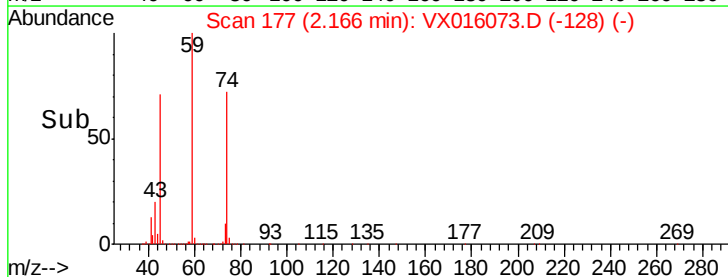
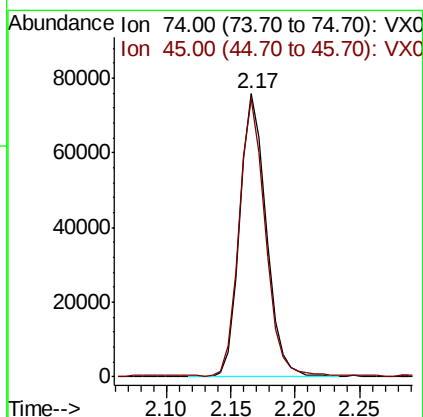
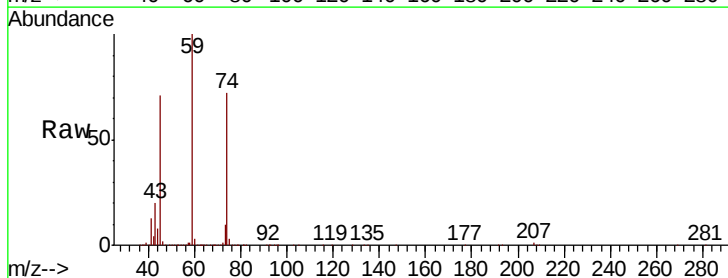
Tot Ion:101 Resp: 263858
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.6

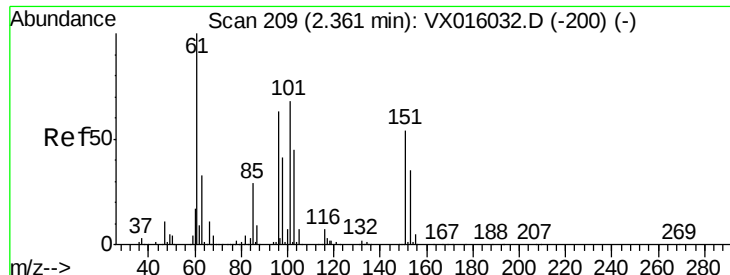


#8

Diethyl Ether
Concen: 46.184 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion: 74 Resp: 107738
Ion Ratio Lower Upper
74 100
45 97.3 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.530 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

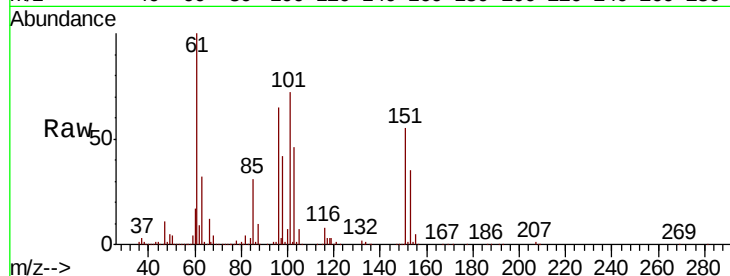
Tot Ion:101 Resp: 158211

Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.4

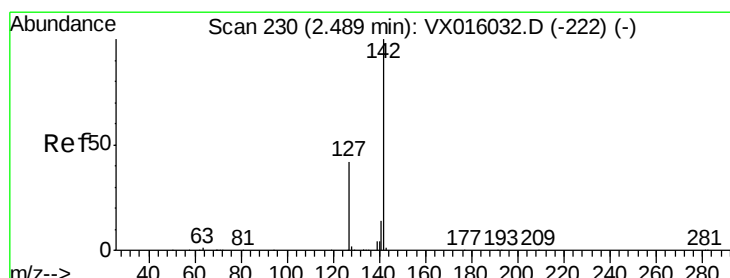
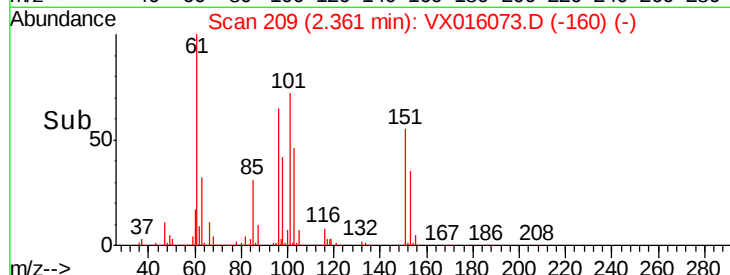
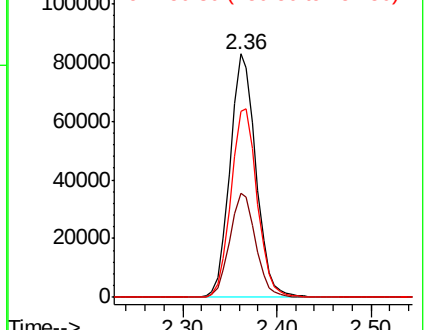
151 78.8 62.1 93.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.869 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

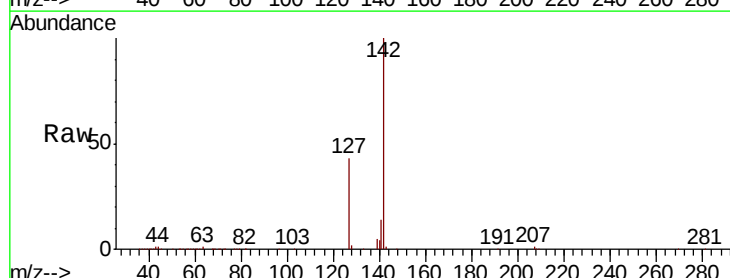
Tgt Ion:142 Resp: 192517

Ion Ratio Lower Upper

142 100

127 43.9 34.6 52.0

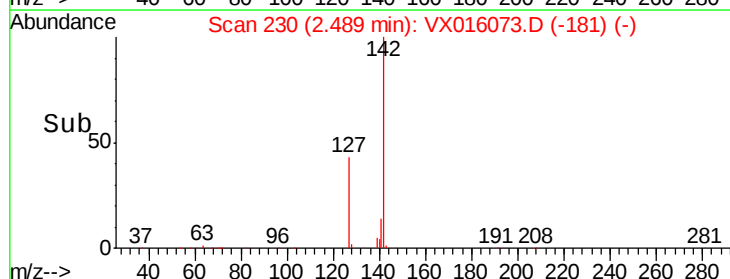
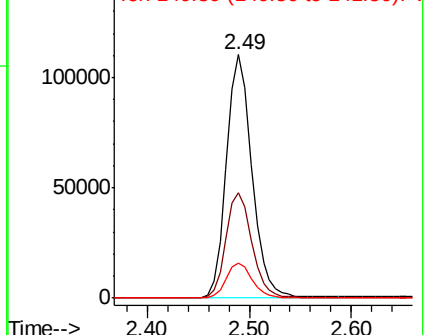
141 14.6 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



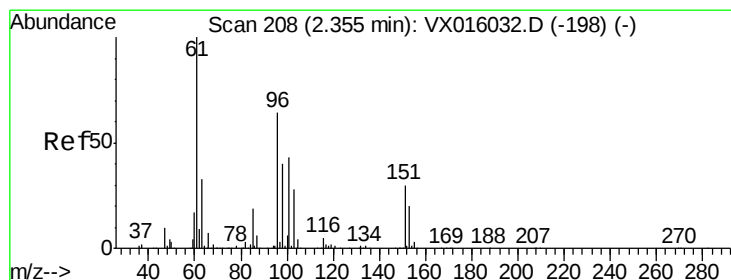
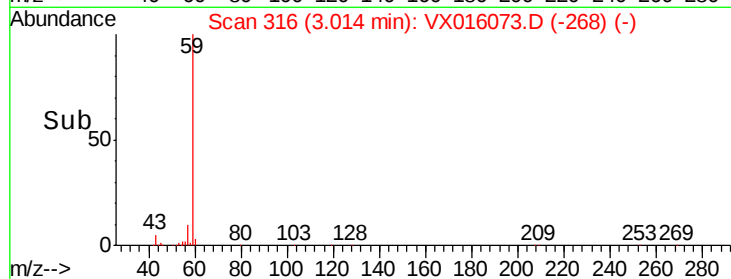
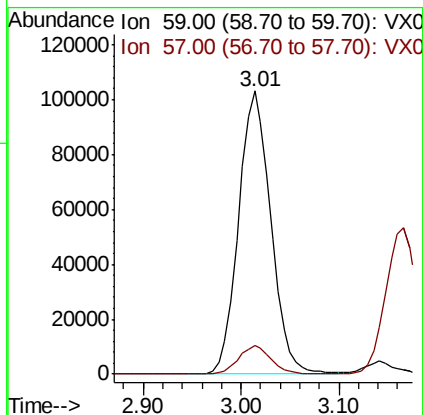
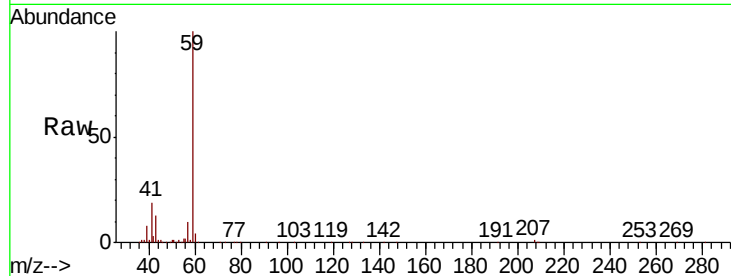


#11

Tert butyl alcohol
Concen: 221.054 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :

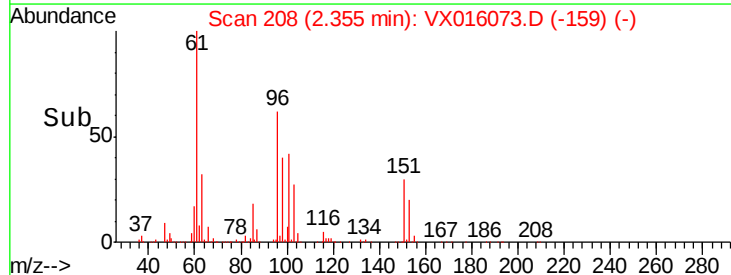
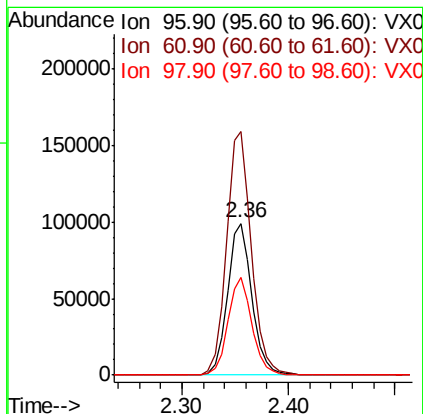
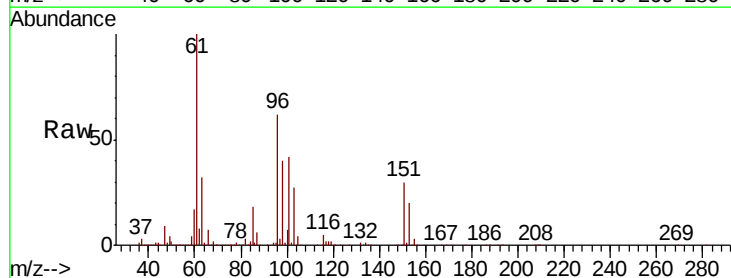
Tot Ion: 59 Resp: 236533
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

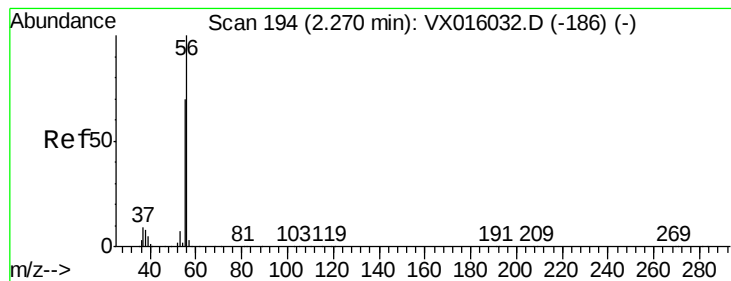


#12

1,1-Dichloroethene
Concen: 46.987 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion: 96 Resp: 157061
Ion Ratio Lower Upper
96 100
61 160.9 124.8 187.2
98 64.3 49.7 74.5





#13

Acrolein

Concen: 227.152 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

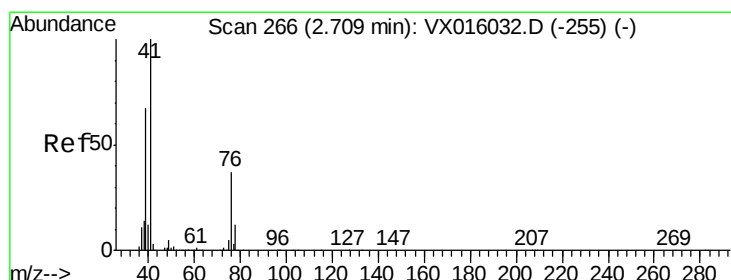
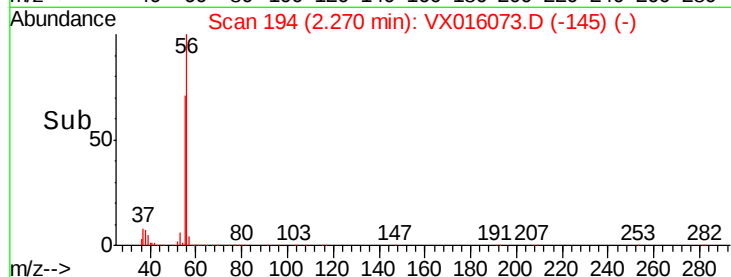
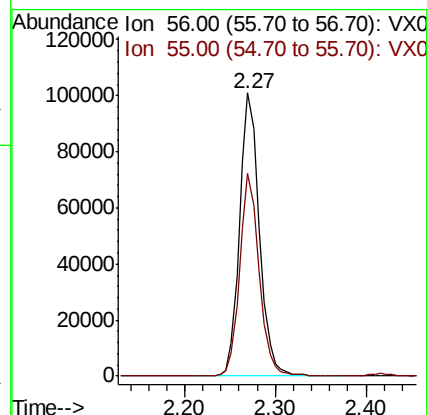
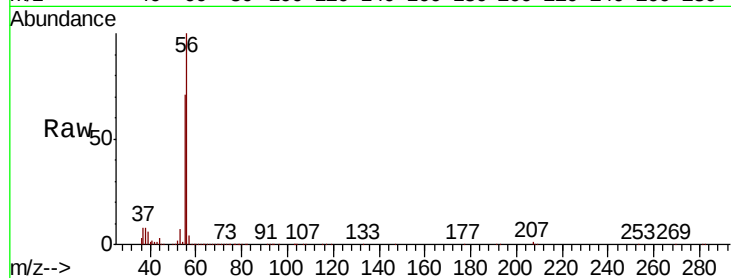
ClientSampled :

Tot Ion: 56 Resp: 152097

Ion Ratio Lower Upper

56 100

55 70.0 56.5 84.7



#14

Allyl chloride

Concen: 47.697 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

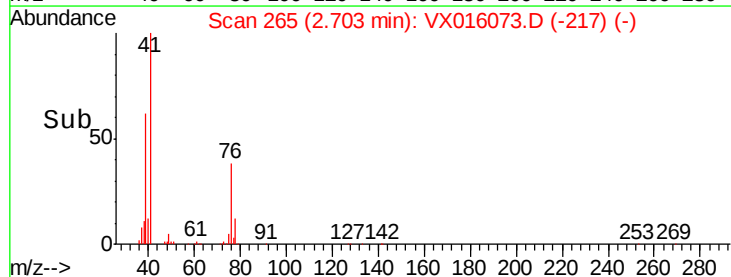
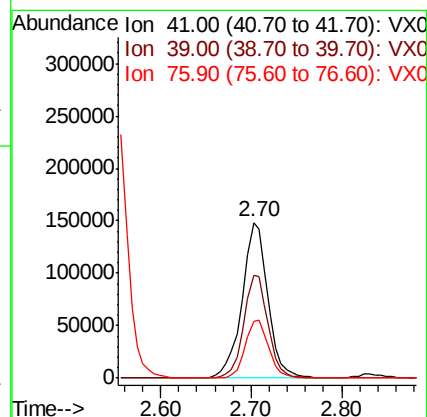
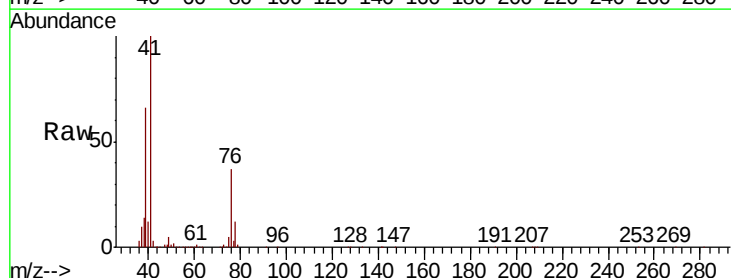
Tgt Ion: 41 Resp: 292334

Ion Ratio Lower Upper

41 100

39 61.6 50.5 75.7

76 34.2 26.6 40.0





#15

Acrylonitrile

Concen: 230.812 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

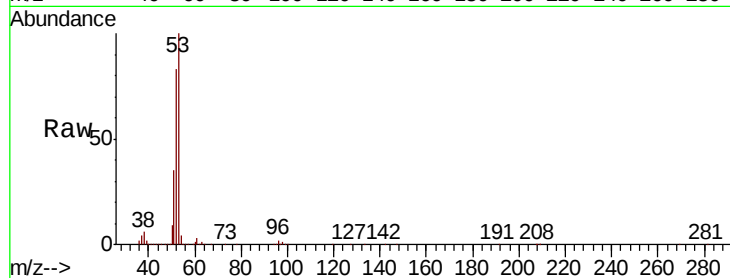
Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 512349

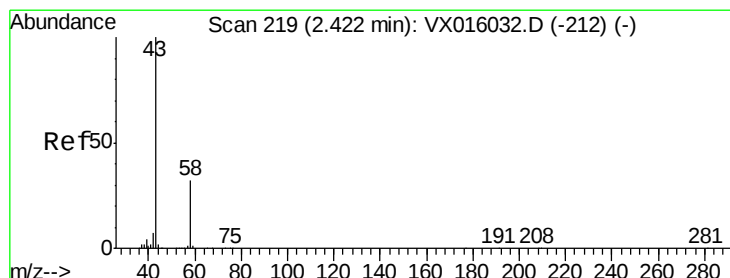
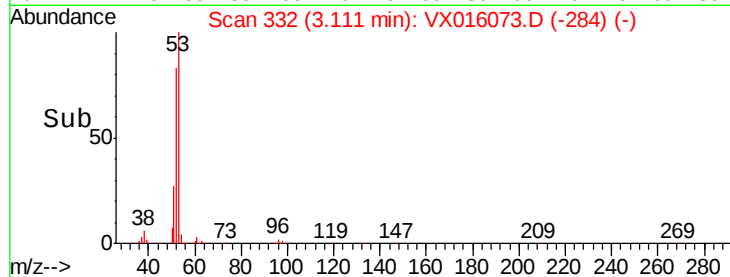
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.1	99.1
51	35.3	28.8	43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 225.141 ug/l

RT: 2.42 min Scan# 218

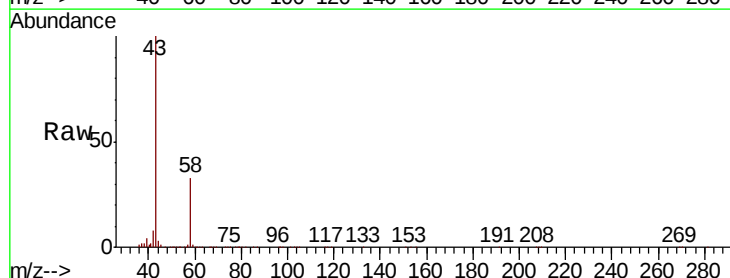
Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

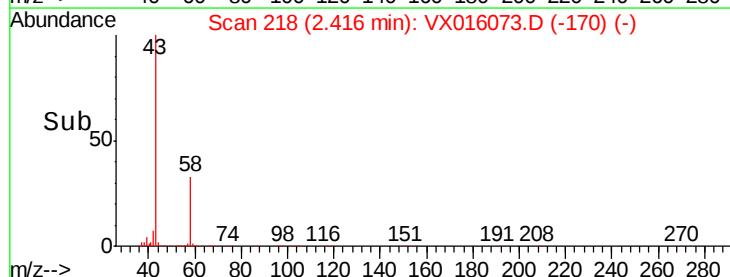
Tgt Ion: 43 Resp: 425072

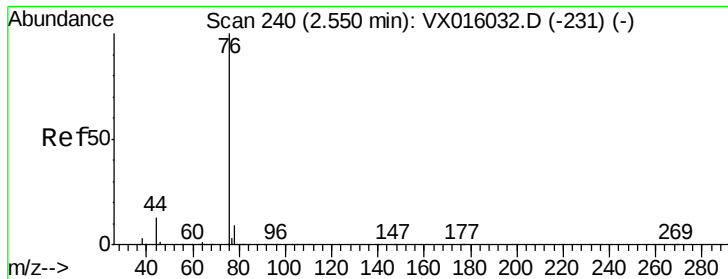
Ion	Ratio	Lower	Upper
43	100		
58	33.3	25.4	38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.135 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

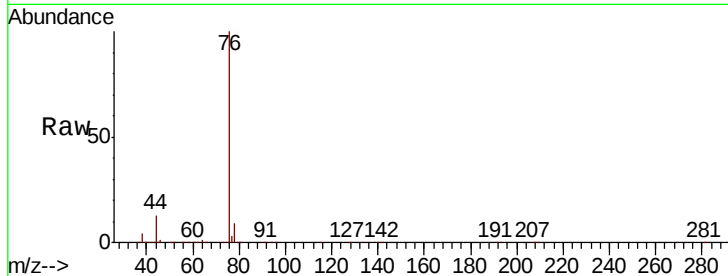
ClientSampleId :

Tot Ion: 76 Resp: 483266

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

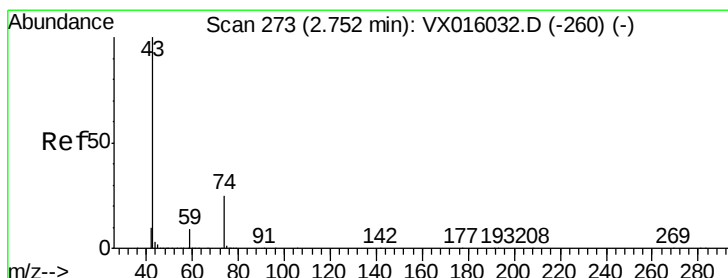
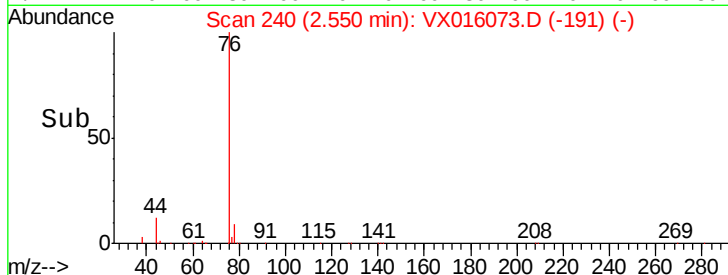
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 46.051 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016073.D

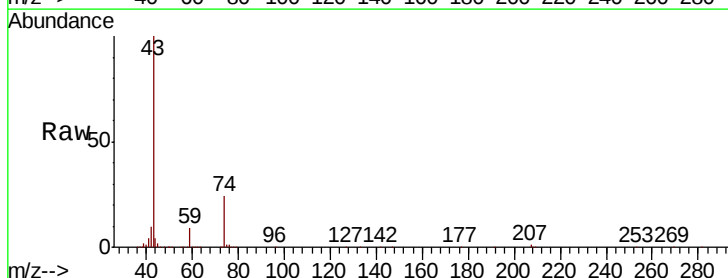
Acq: 06 May 2020 10:45

Tgt Ion: 43 Resp: 213778

Ion Ratio Lower Upper

43 100

74 24.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

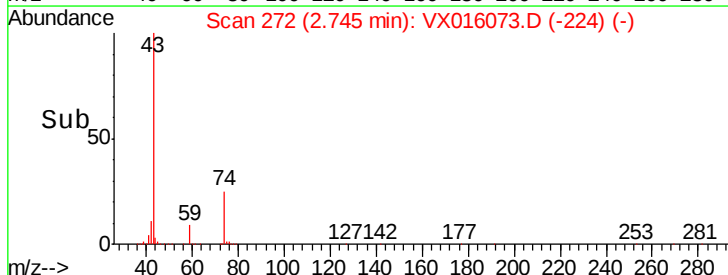
2.75

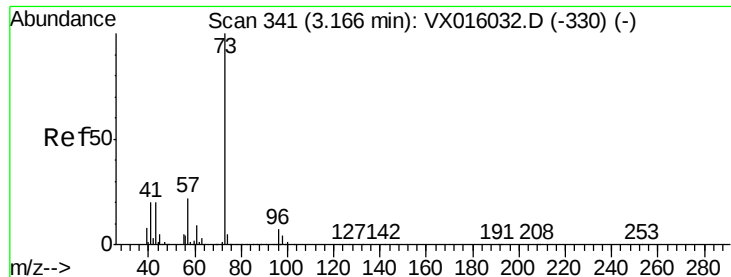
100000

50000

0

Time-->



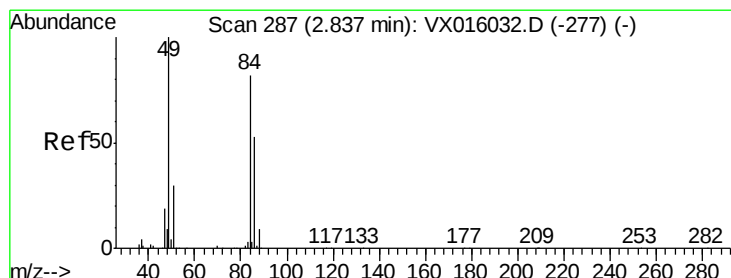
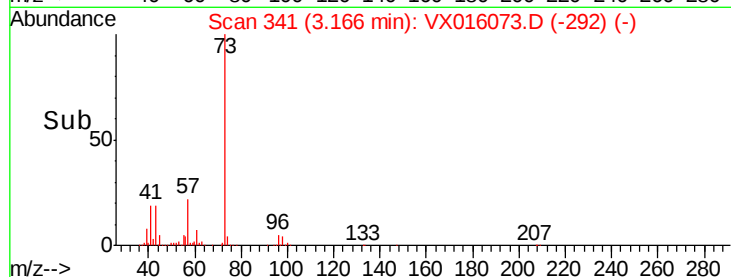
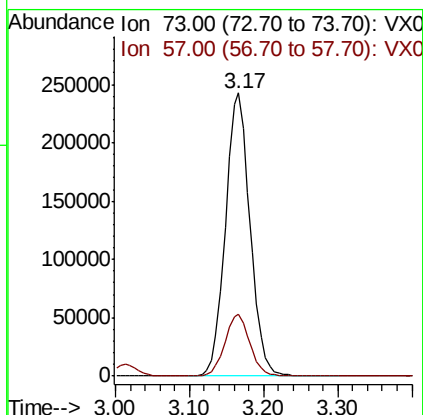
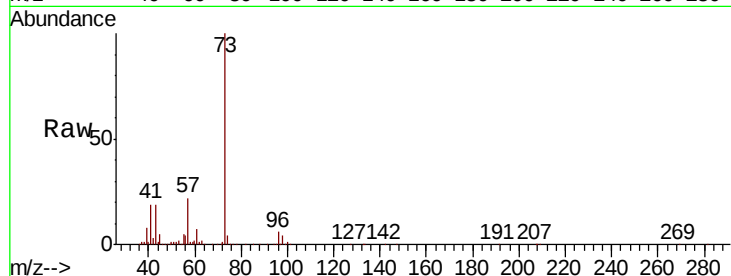


#19

Methyl tert-butyl Ether
 Concen: 48.360 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Instrument :
 MSVOA_X
 ClientSampled :

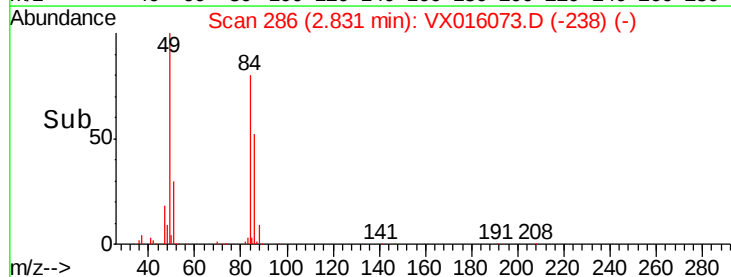
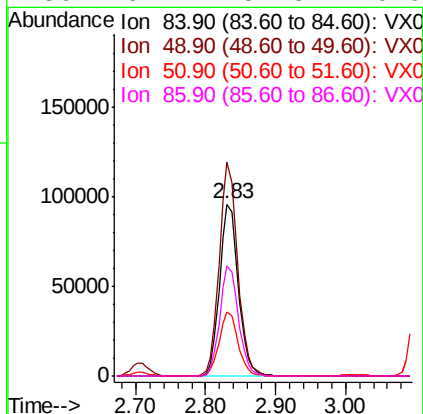
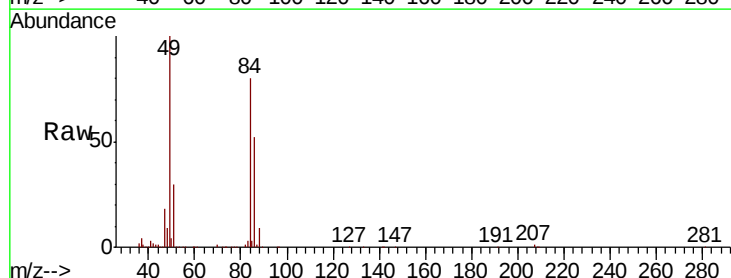
Tot Ion: 73 Resp: 557262
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.8 26.6

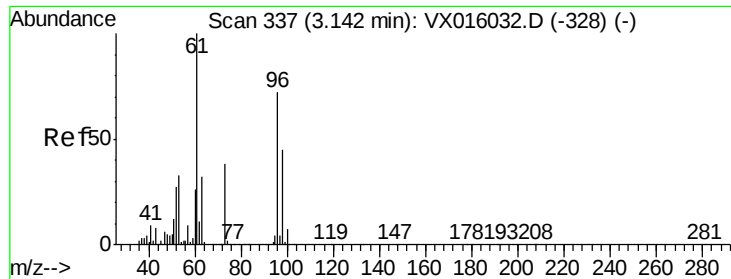


#20

Methylene Chloride
 Concen: 45.839 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Tgt Ion: 84 Resp: 178413
 Ion Ratio Lower Upper
 84 100
 49 124.4 97.3 145.9
 51 37.2 29.3 43.9
 86 64.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 46.824 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :

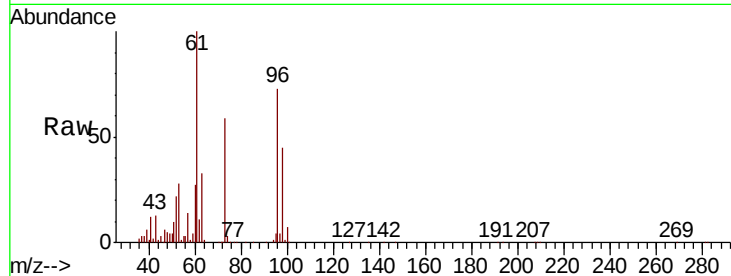
Tot Ion: 96 Resp: 174418

Ion Ratio Lower Upper

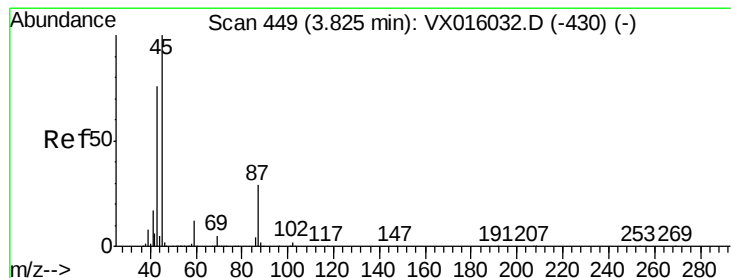
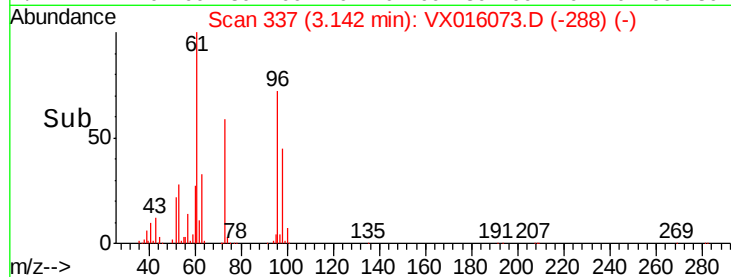
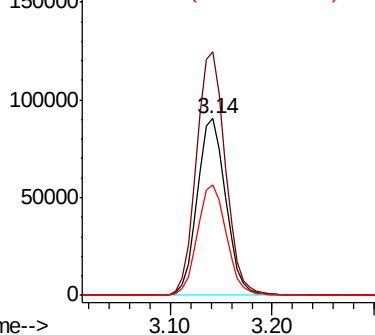
96 100

61 138.0 111.2 166.8

98 62.8 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.198 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Tgt Ion: 45 Resp: 557299

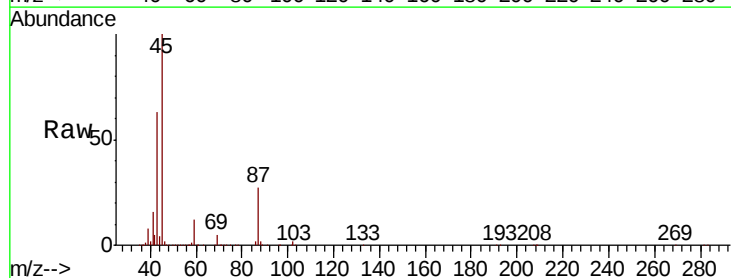
Ion Ratio Lower Upper

45 100

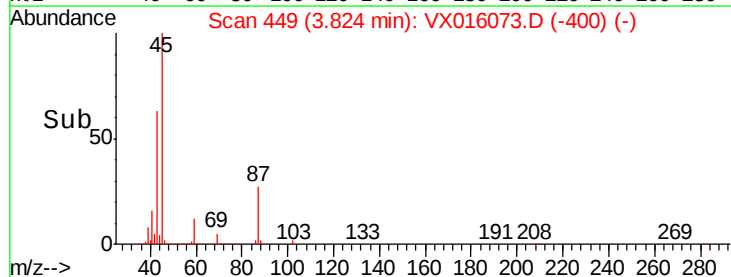
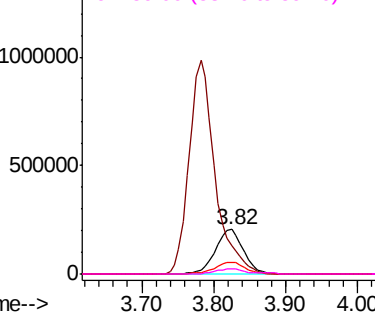
43 63.3 61.1 91.7

87 27.2 23.0 34.6

59 11.7 9.8 14.6



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: 243.244 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

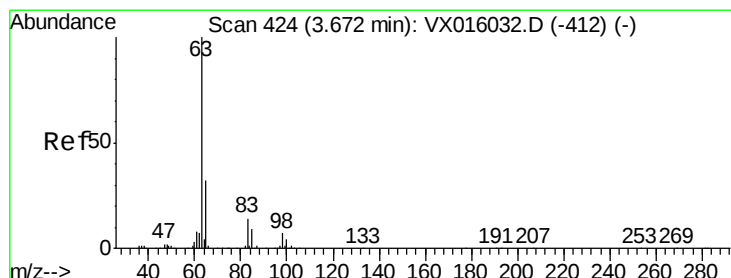
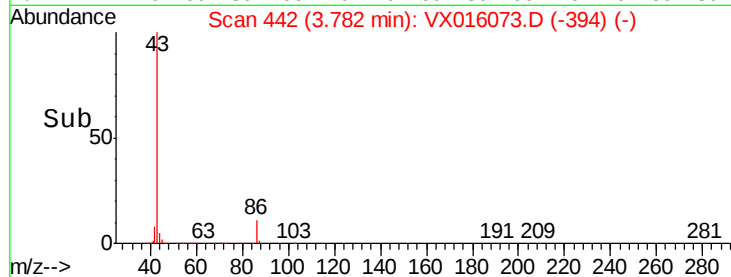
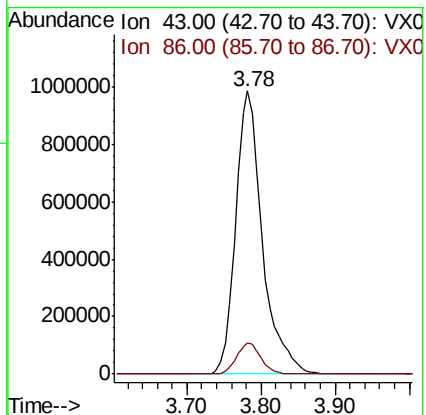
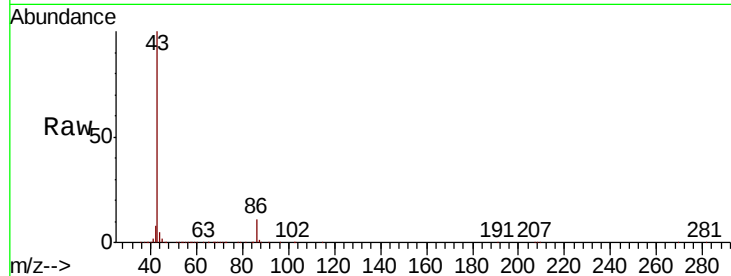
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 2474441

Ion Ratio Lower Upper

43 100

86 11.0 9.0 13.4



#24

1,1-Dichloroethane

Concen: 48.309 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

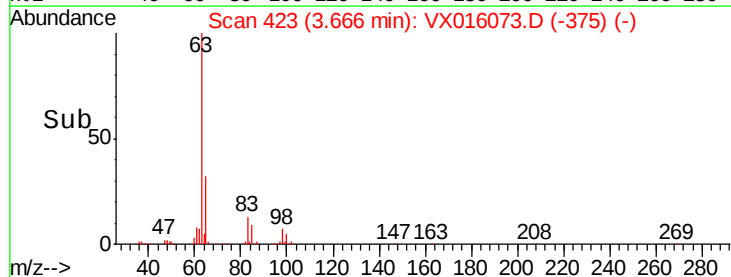
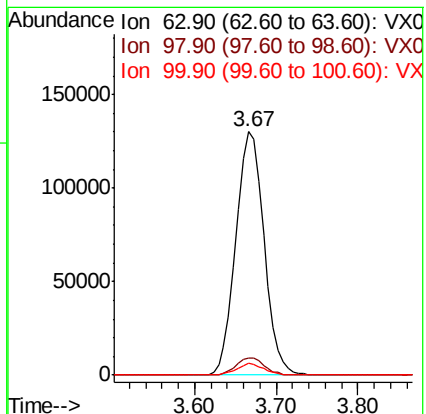
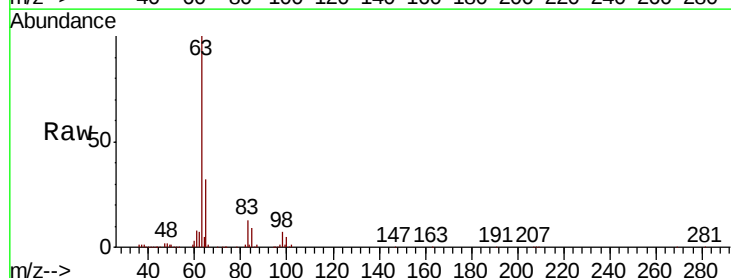
Tgt Ion: 63 Resp: 312472

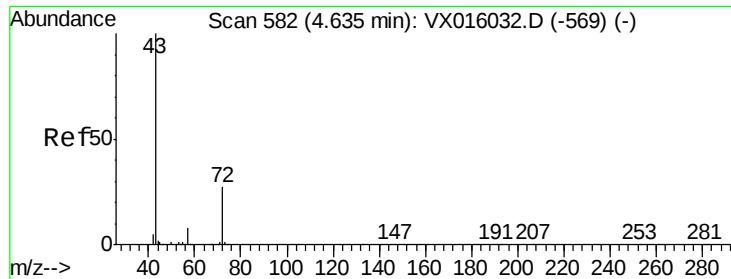
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

100 4.7 2.1 6.5





#25

2-Butanone

Concen: 227.000 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

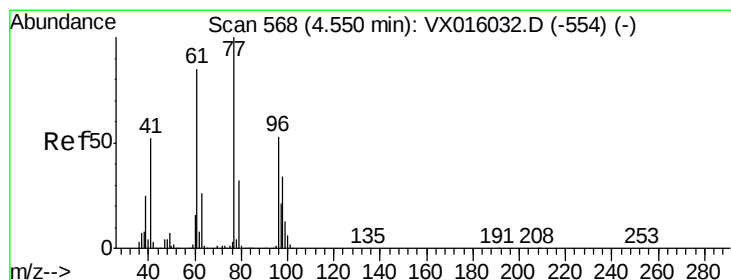
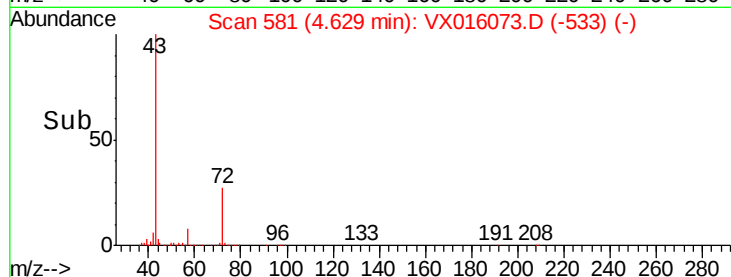
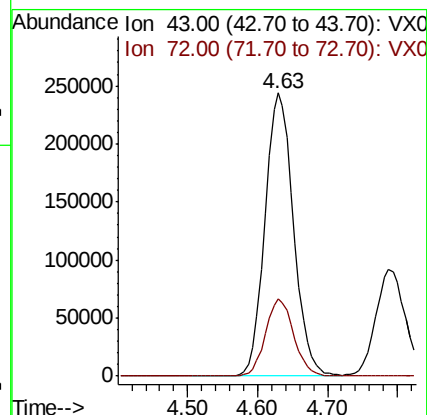
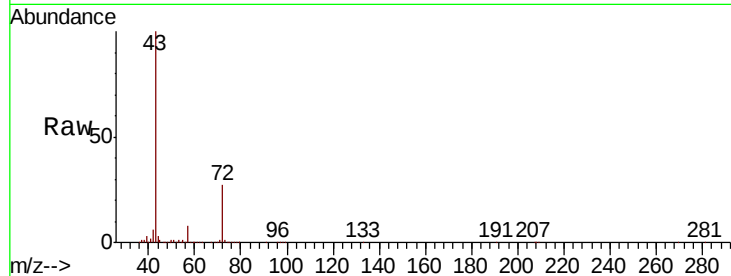
ClientSampled :

Tot Ion: 43 Resp: 690621

Ion Ratio Lower Upper

43 100

72 27.3 21.8 32.8



#26

2,2-Dichloropropane

Concen: 48.650 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016073.D

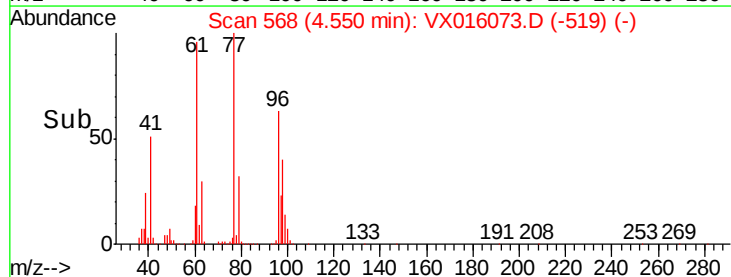
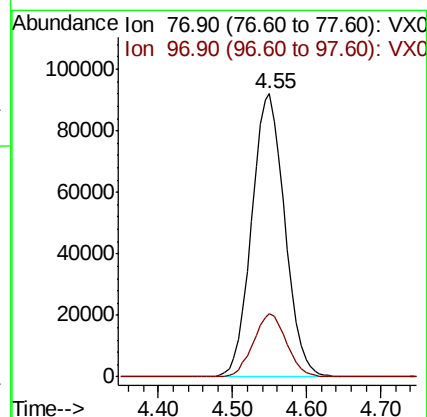
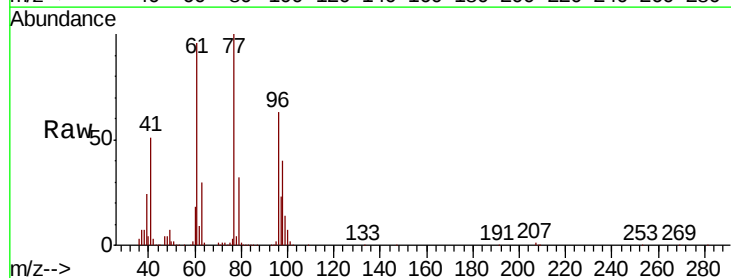
Acq: 06 May 2020 10:45

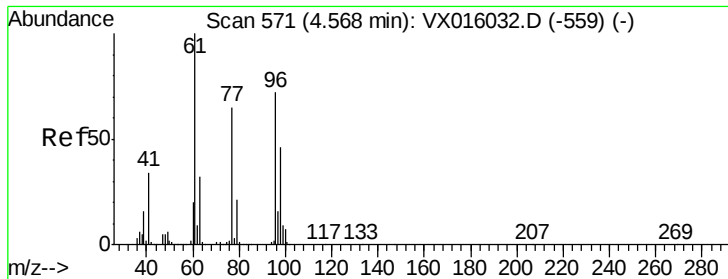
Tgt Ion: 77 Resp: 287378

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6



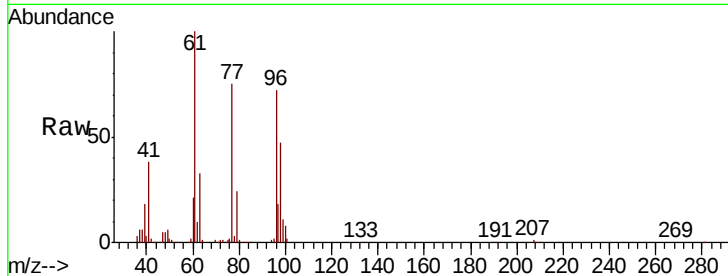


#27

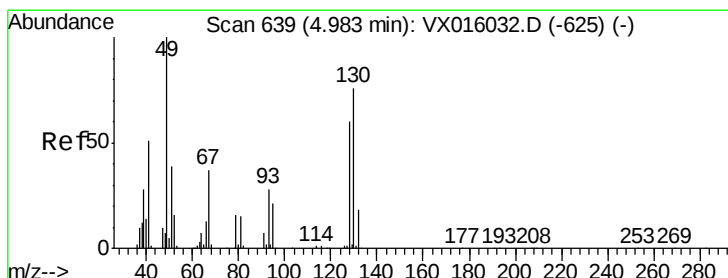
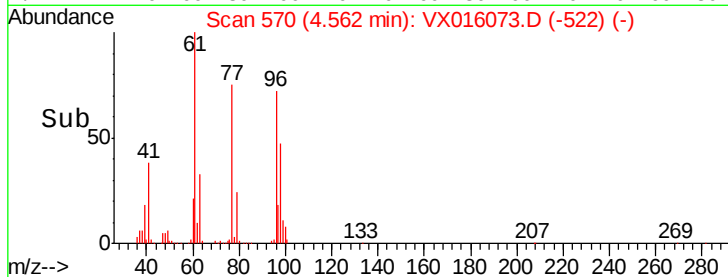
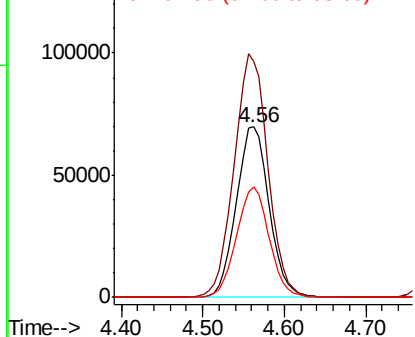
cis-1,2-Dichloroethene
Concen: 47.979 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	296.2
98	64.4	0.0	129.4



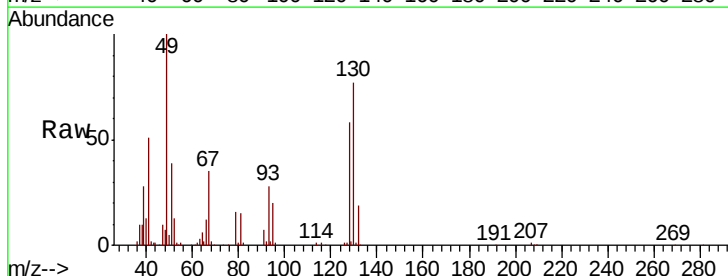
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



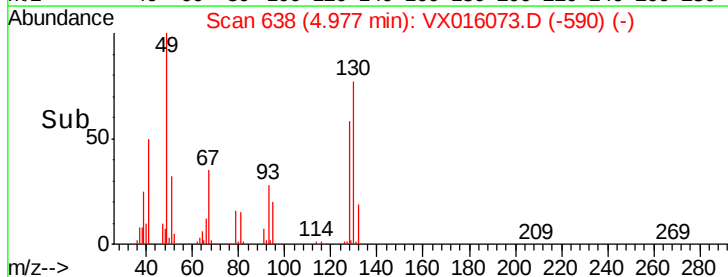
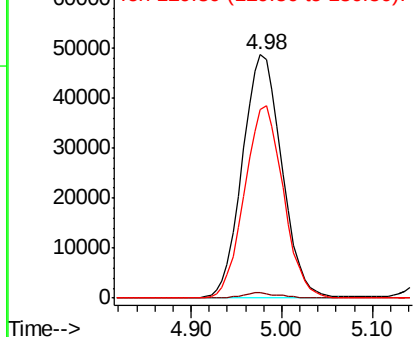
#28

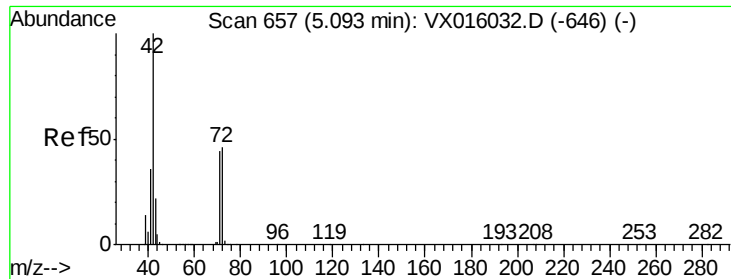
Bromochloromethane
Concen: 49.830 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	77.6	62.4	93.6



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

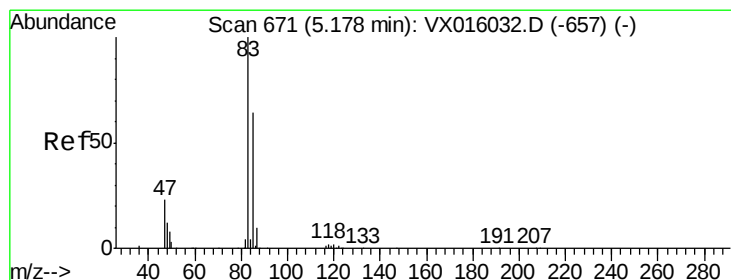
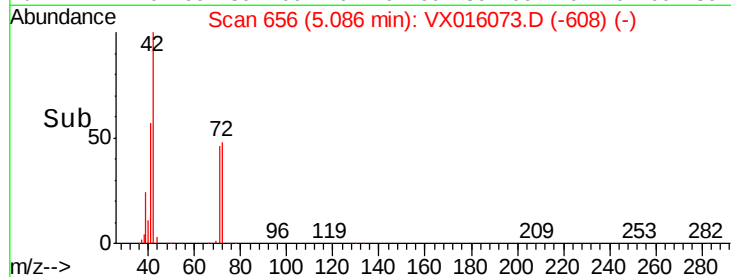
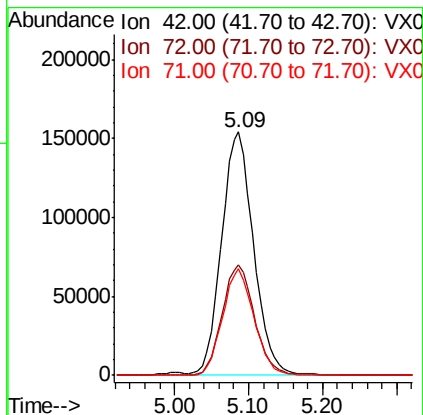
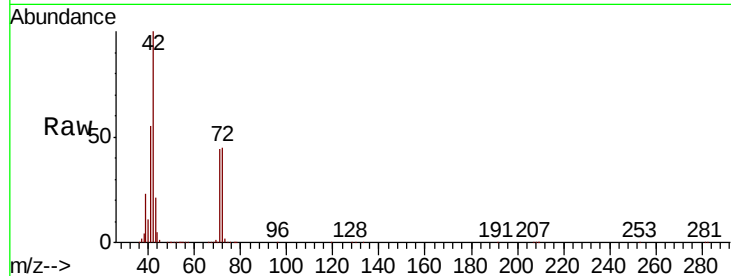




#29
Tetrahydrofuran
Concen: 228.488 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

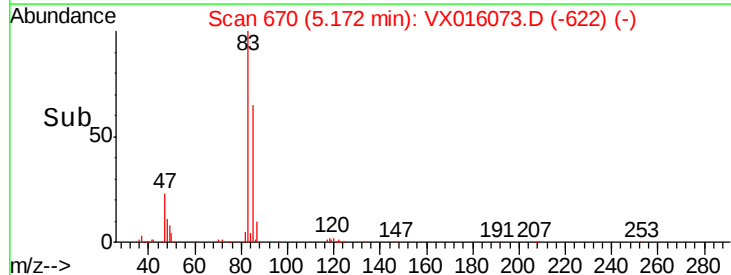
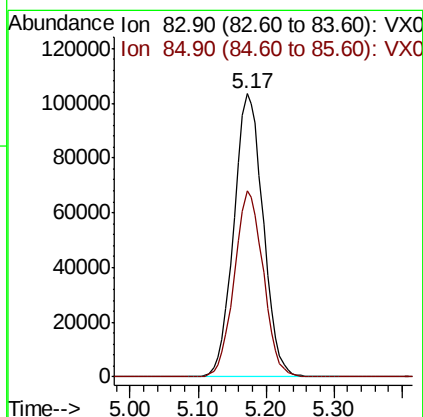
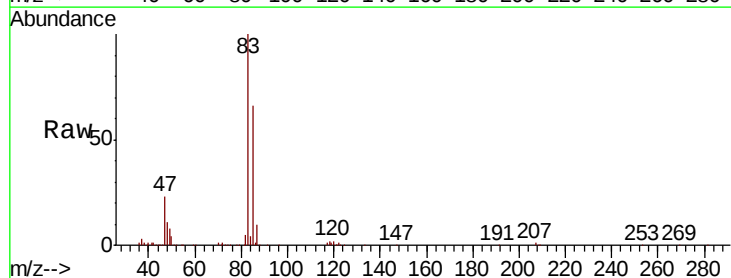
Instrument :
MSVOA_X
ClientSampleId :

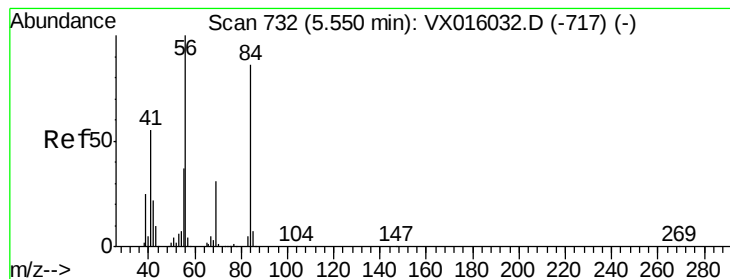
Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	37.1	55.7
71	43.2	34.5	51.7



#30
Chloroform
Concen: 47.926 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.6	77.4





#31

Cyclohexane

Concen: 49.651 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

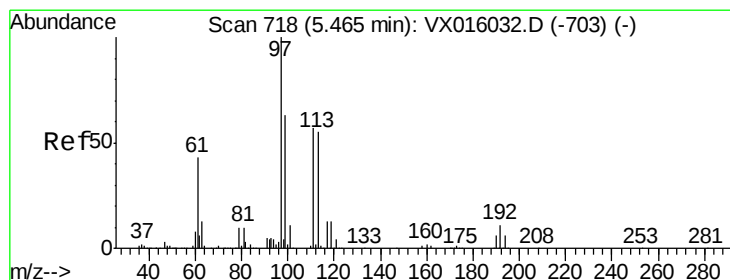
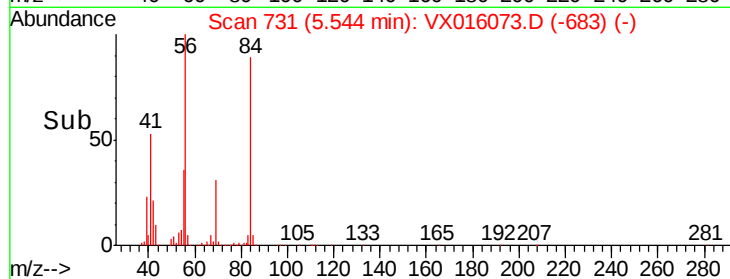
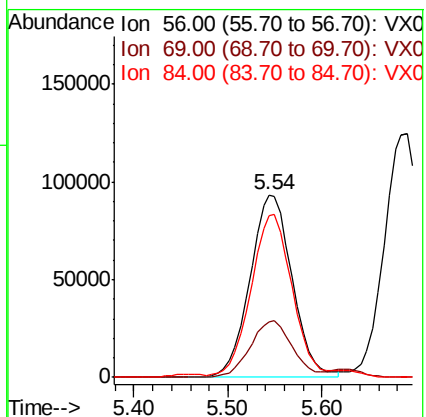
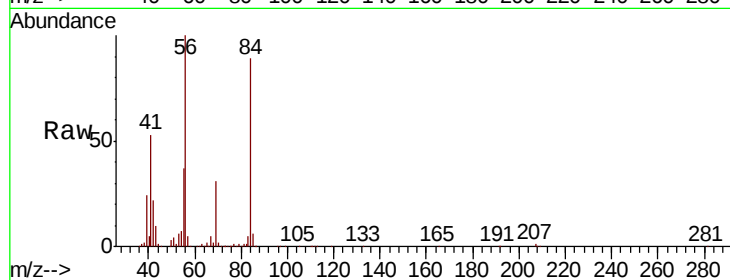
Tot Ion: 56 Resp: 291863

Ion Ratio Lower Upper

56 100

69 30.6 25.0 37.6

84 87.2 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 48.426 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

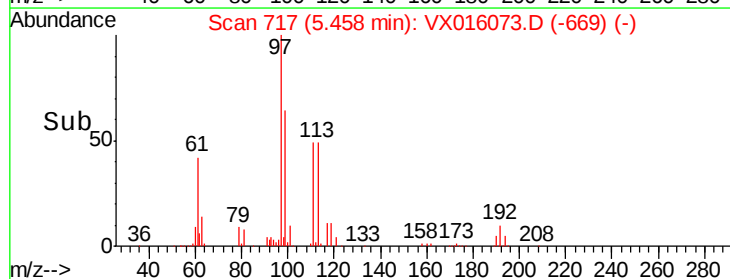
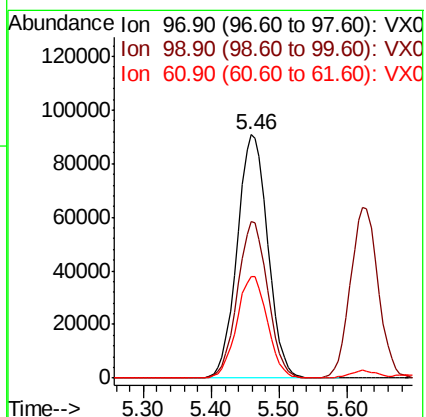
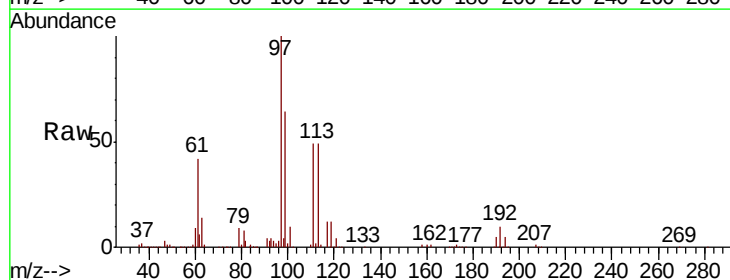
Tgt Ion: 97 Resp: 283485

Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

61 42.1 34.5 51.7

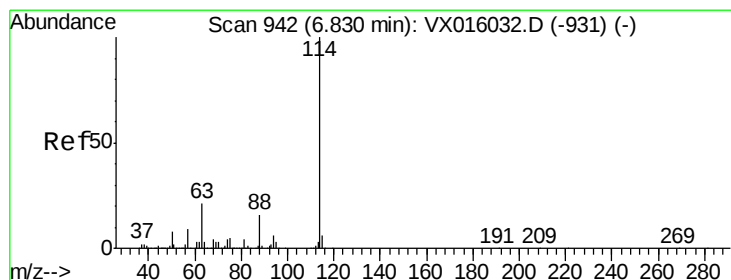
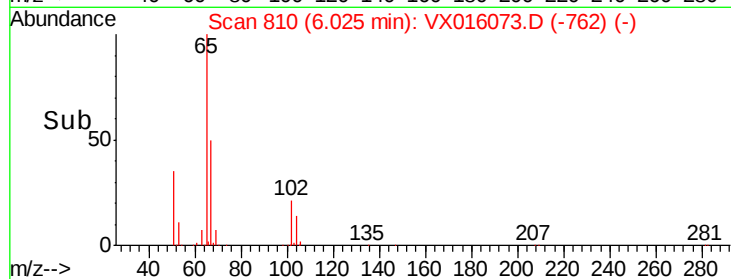
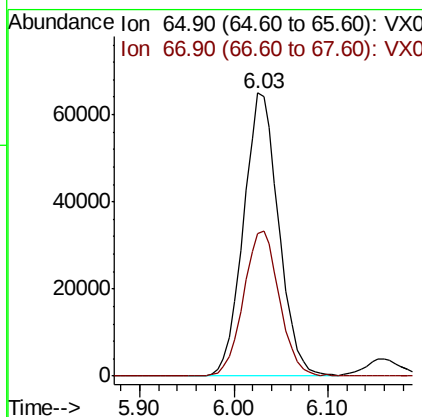
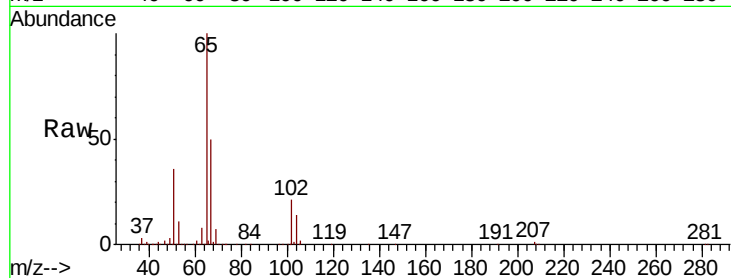




#33
 1,2-Dichloroethane-d4
 Concen: 40.170 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

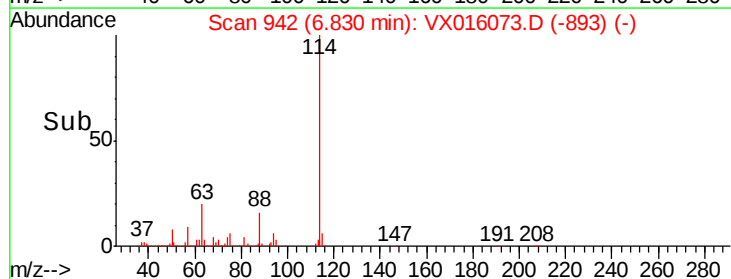
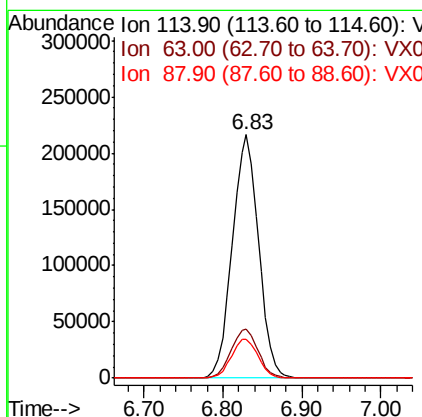
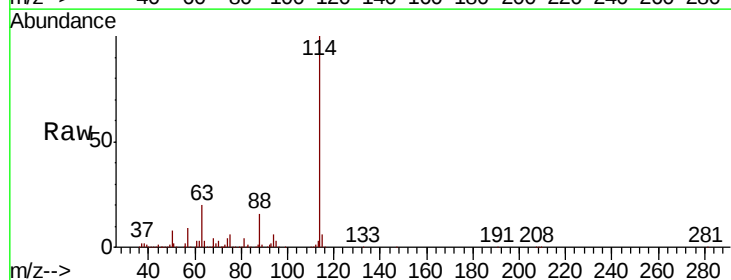
Instrument :
 MSVOA_X
 ClientSampleId :

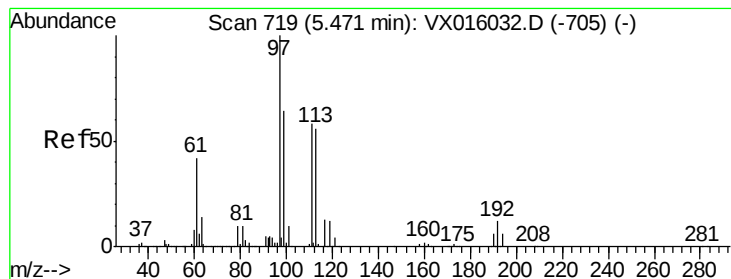
Tot Ion: 65 Resp: 169978
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Tgt Ion: 114 Resp: 500346
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.8
 88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 42.144 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

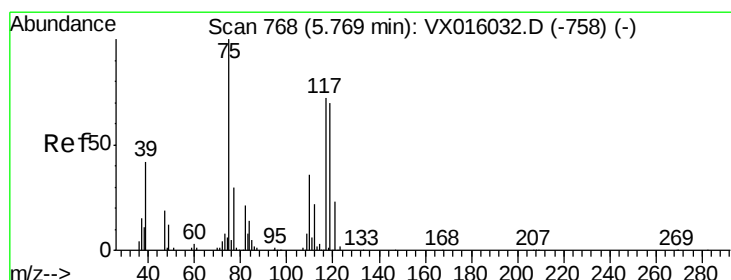
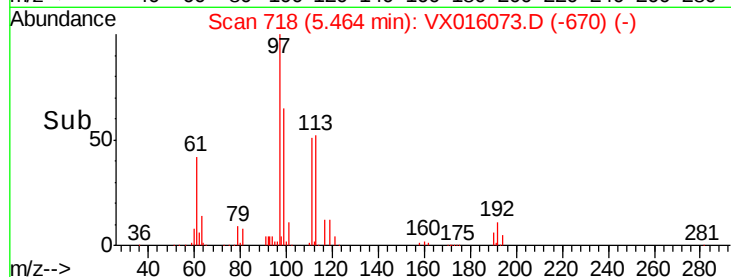
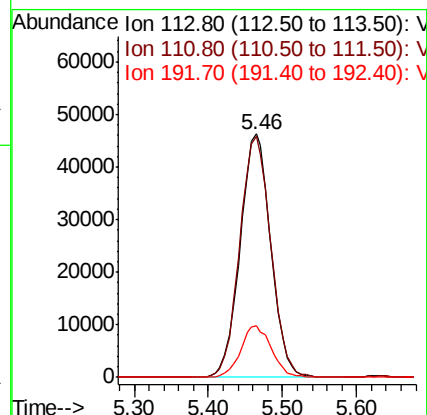
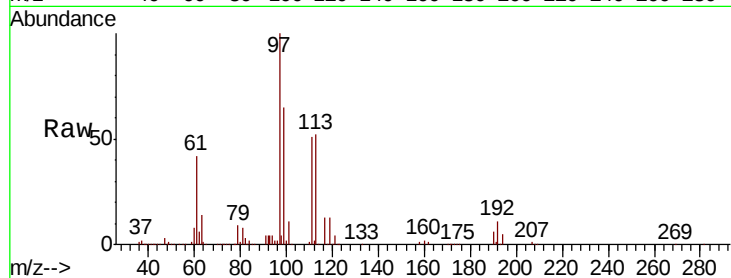
Tot Ion:113 Resp: 133594

Ion Ratio Lower Upper

113 100

111 100.5 81.6 122.4

192 21.2 17.0 25.4



#36

1,1-Dichloropropene

Concen: 49.497 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

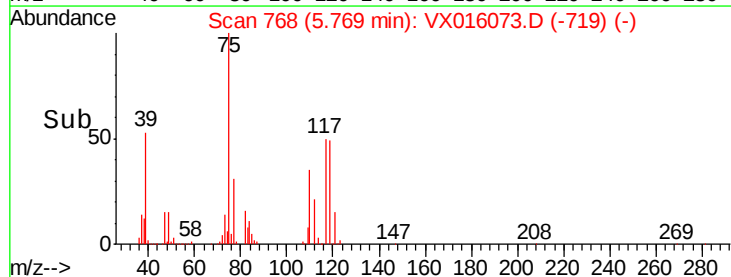
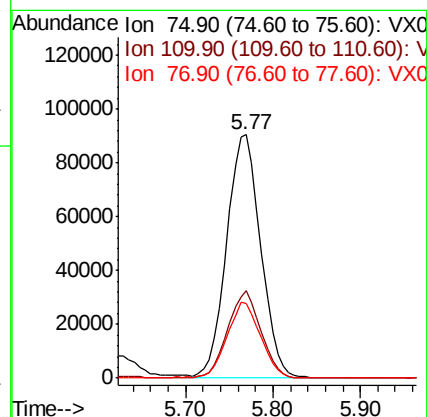
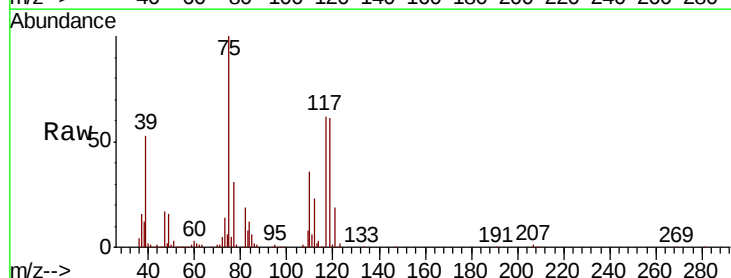
Tgt Ion: 75 Resp: 243782

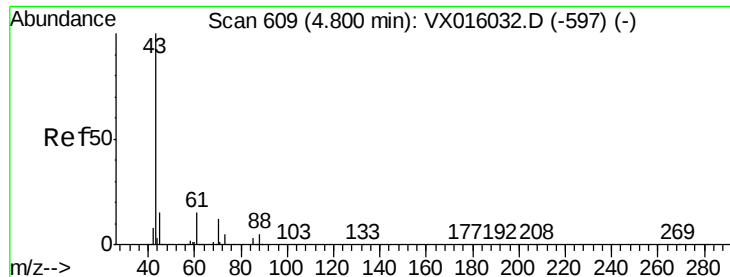
Ion Ratio Lower Upper

75 100

110 35.0 18.1 54.1

77 30.8 25.0 37.6

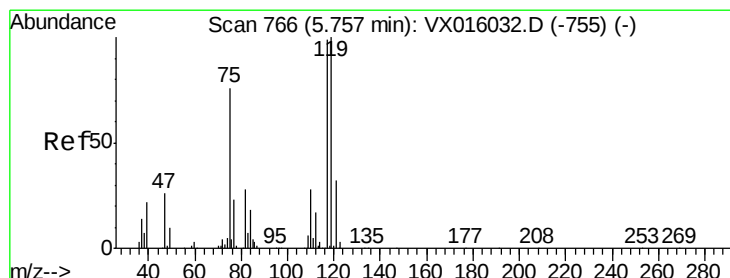
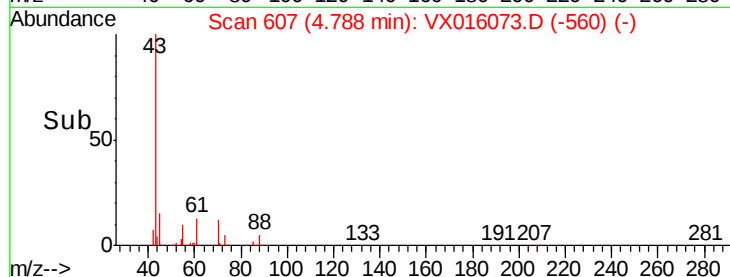
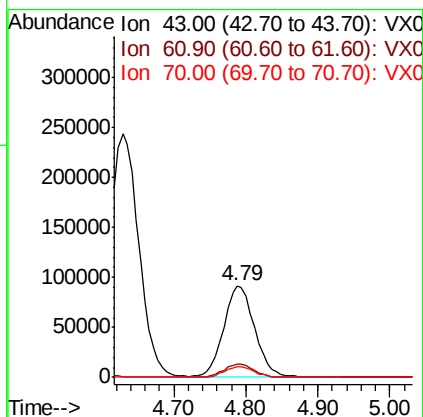
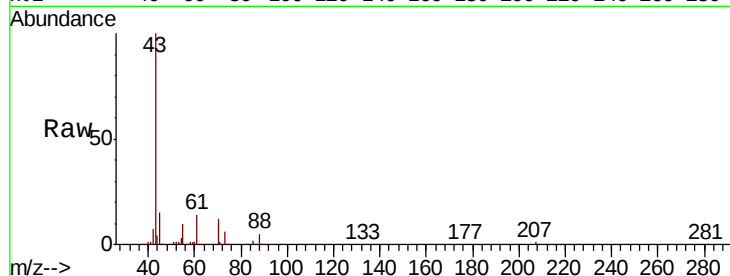




#37
Ethyl Acetate
Concen: 47.687 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

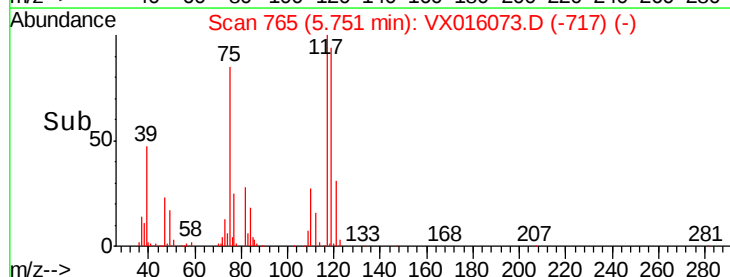
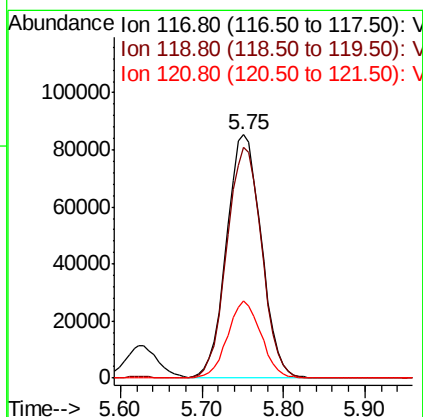
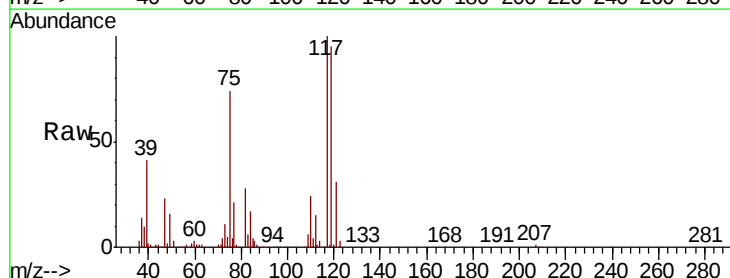
Instrument :
MSVOA_X
ClientSampleId :

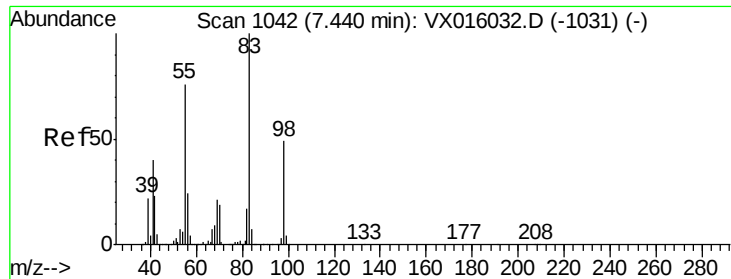
Tot Ion: 43 Resp: 272217
Ion Ratio Lower Upper
43 100
61 14.3 11.7 17.5
70 11.7 9.3 13.9



#38
Carbon Tetrachloride
Concen: 50.220 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion: 117 Resp: 251407
Ion Ratio Lower Upper
117 100
119 94.7 80.3 120.5
121 31.5 25.7 38.5

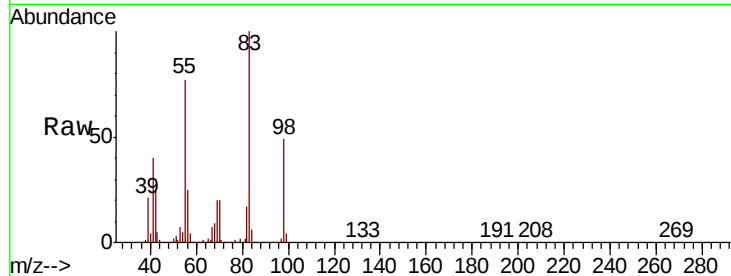




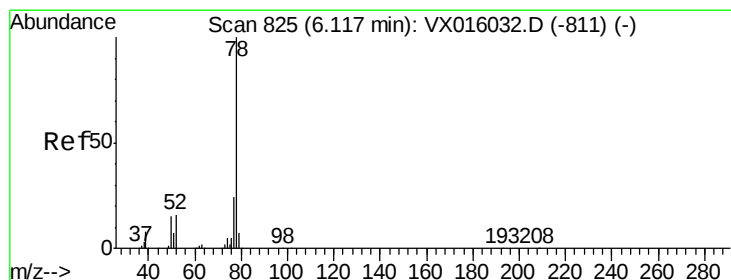
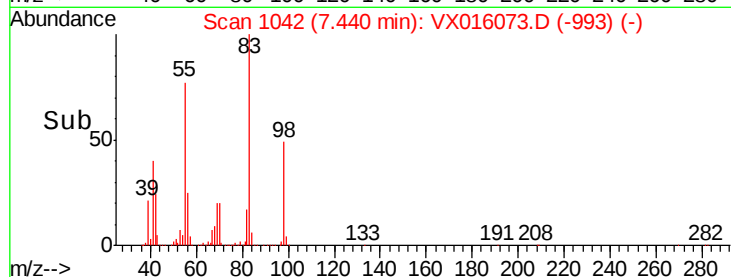
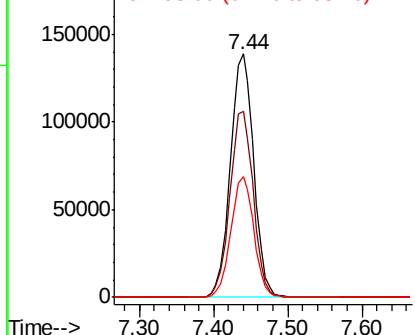
#39
Methvlcvclohexane
Concen: 51.310 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 304335
Ion Ratio Lower Upper
83 100
55 76.6 61.1 91.7
98 49.5 39.0 58.4

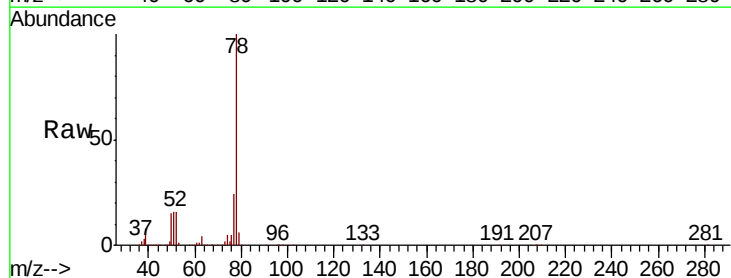


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

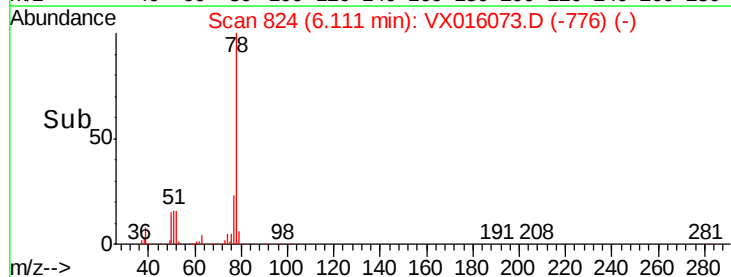
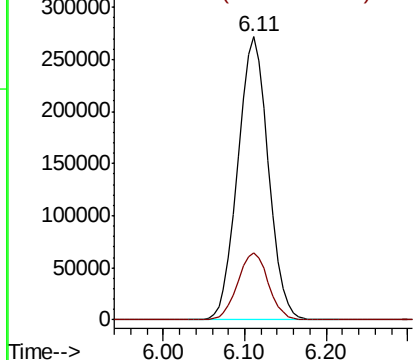


#40
Benzene
Concen: 48.916 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion: 78 Resp: 704918
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

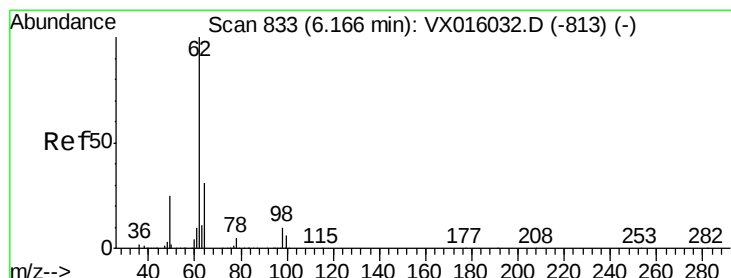
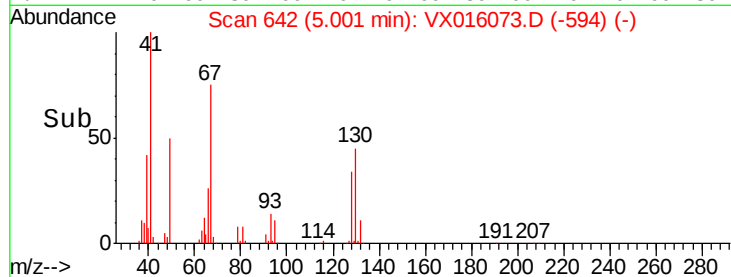
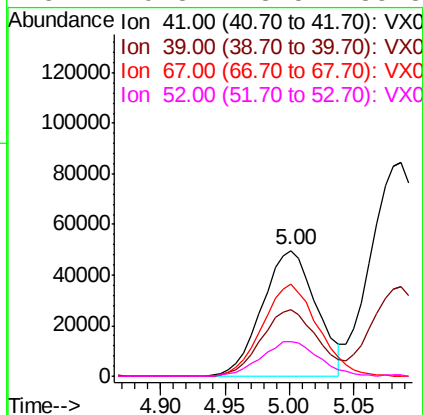
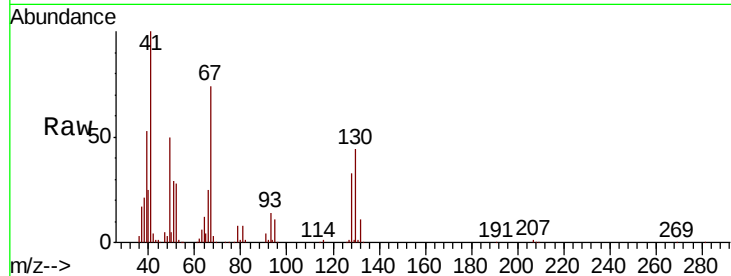




#41
Methacrylonitrile
Concen: 47.131 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

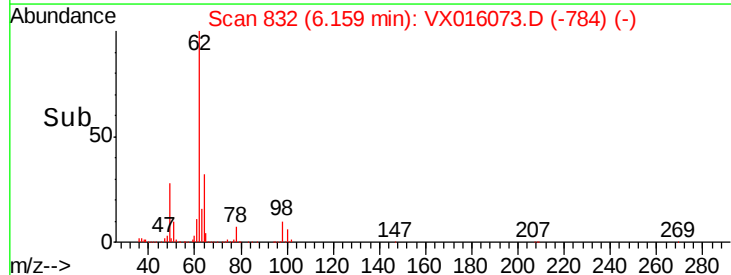
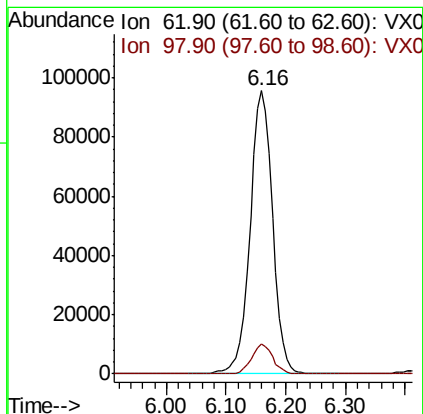
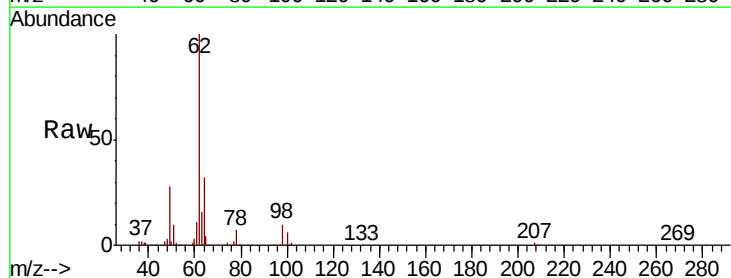
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	145297
Ion	Ratio	Lower	Upper
41	100		
39	55.5	43.2	64.8
67	75.1	59.3	88.9
52	29.8	23.5	35.3



#42
1,2-Dichloroethane
Concen: 48.249 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion:	62	Resp:	250475
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4



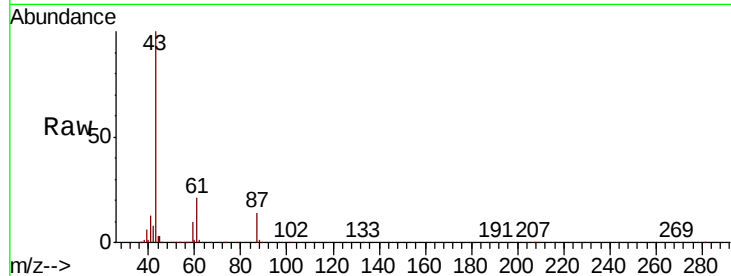


#43

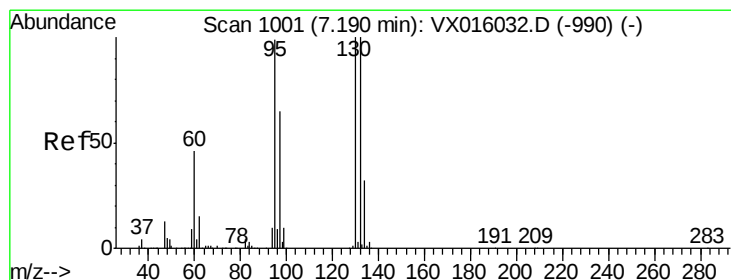
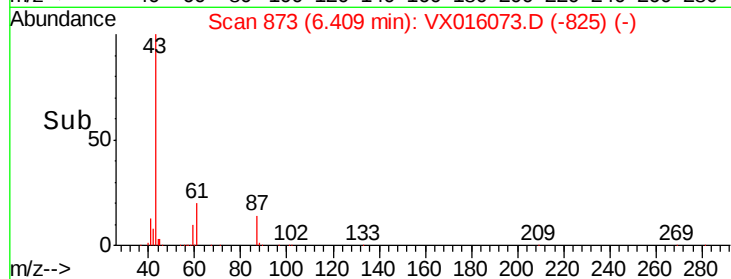
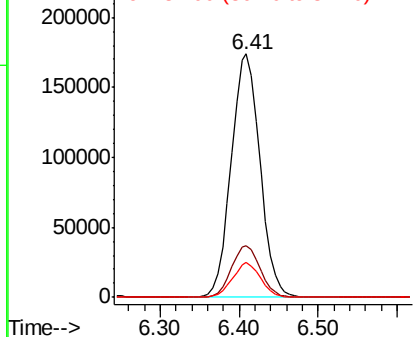
Isopropyl Acetate
 Concen: 48.112 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.0	25.4
87	14.1	11.0	16.6



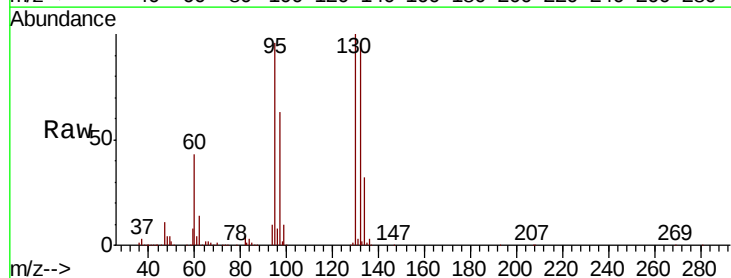
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



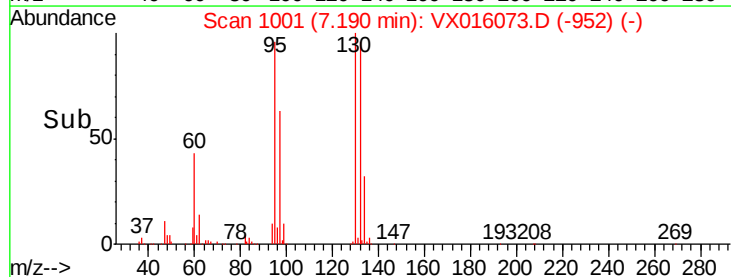
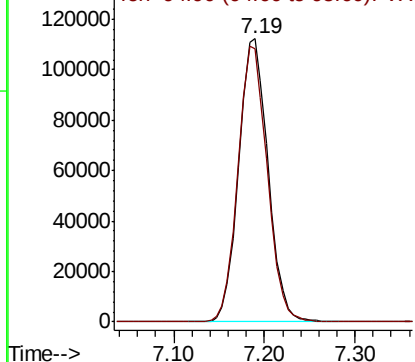
#44

Trichloroethene
 Concen: 49.168 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	197.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

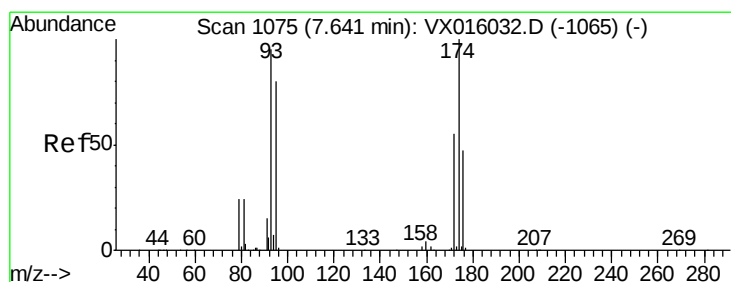
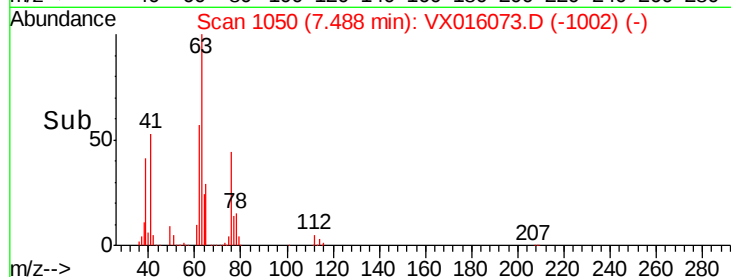
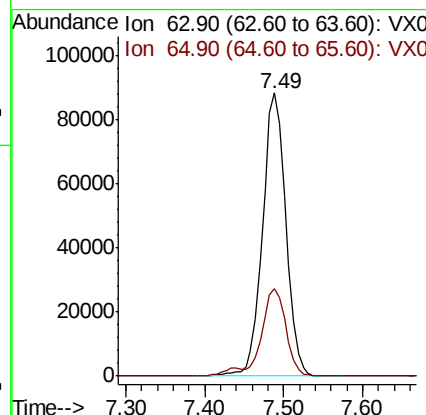
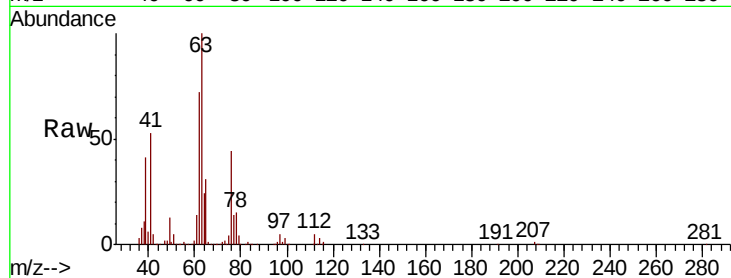




#45
 1,2-Dichloropropane
 Concen: 49.917 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

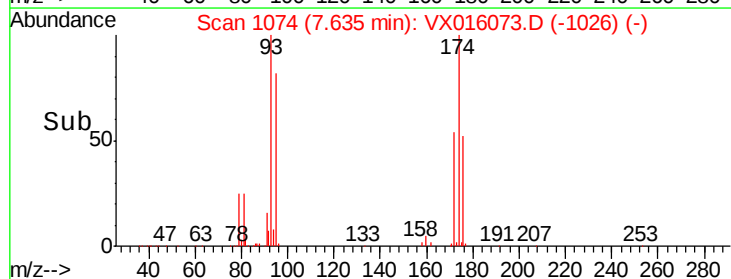
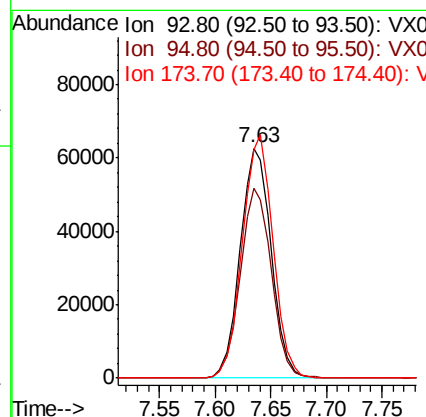
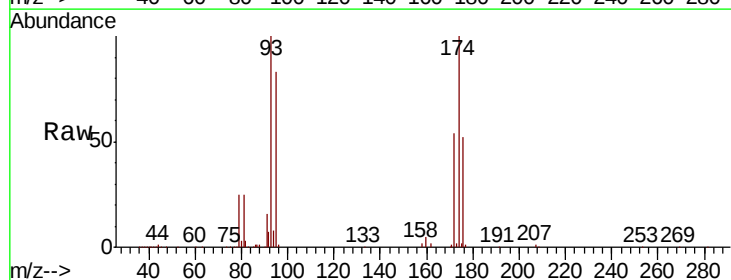
Instrument :
 MSVOA_X
 ClientSampleId :

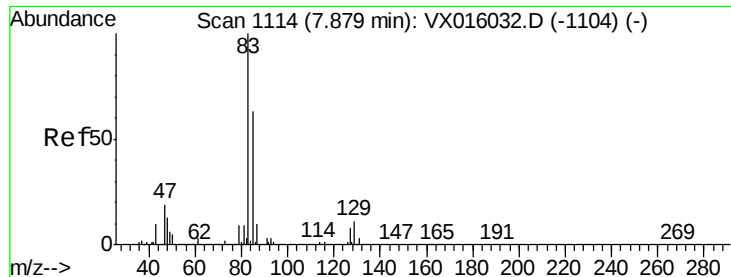
Tot Ion: 63 Resp: 182021
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.4 36.6



#46
 Dibromomethane
 Concen: 48.618 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Tgt Ion: 93 Resp: 120477
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.6 100.0
 174 105.2 84.2 126.4





#47

Bromodichloromethane

Concen: 50.033 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

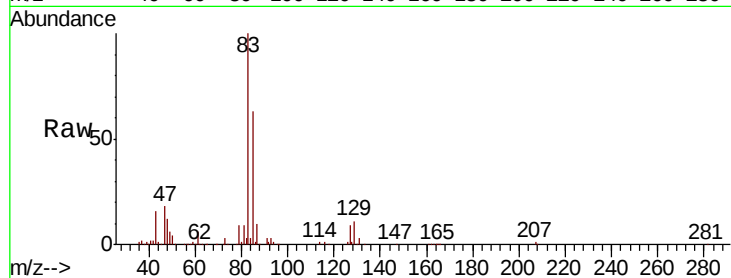
Tot Ion: 83 Resp: 252509

Ion Ratio Lower Upper

83 100

85 63.4 50.5 75.7

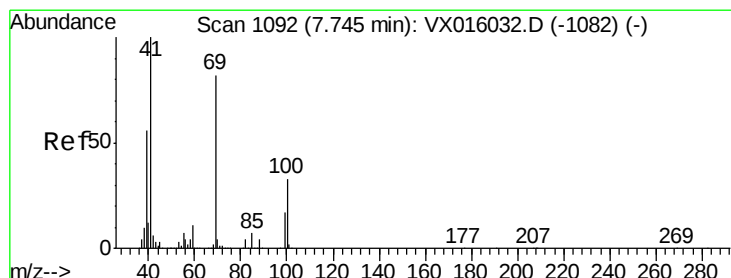
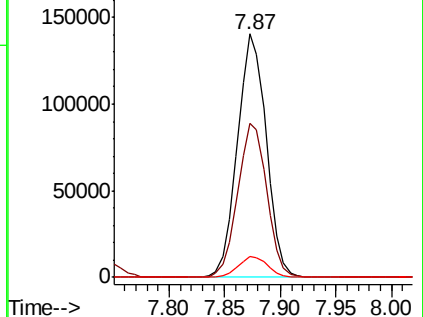
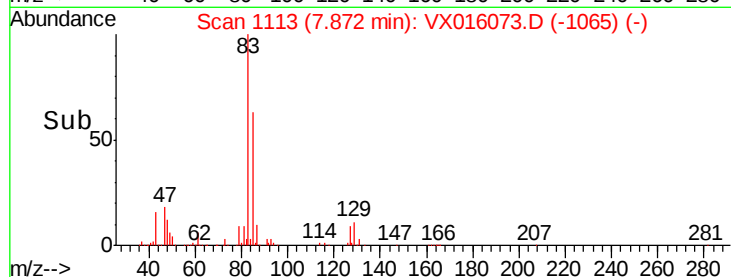
127 8.6 6.7 10.1



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

Methyl methacrylate

Concen: 48.149 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

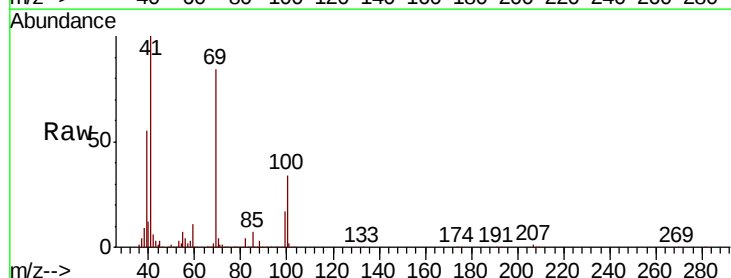
Tgt Ion: 41 Resp: 207802

Ion Ratio Lower Upper

41 100

69 85.8 67.8 101.6

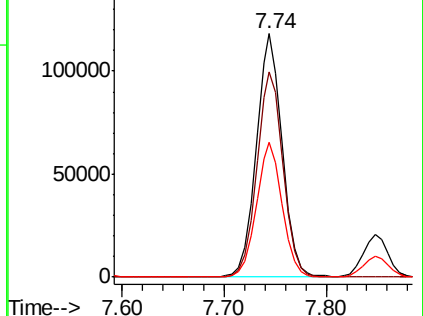
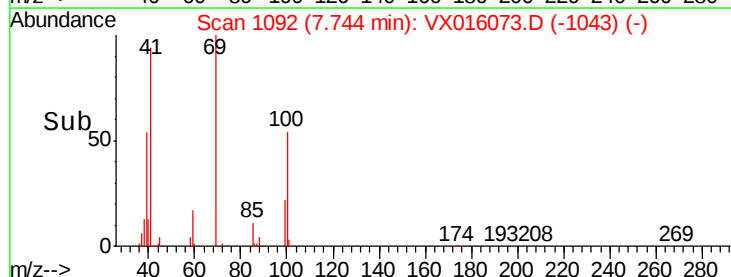
39 54.9 44.6 67.0

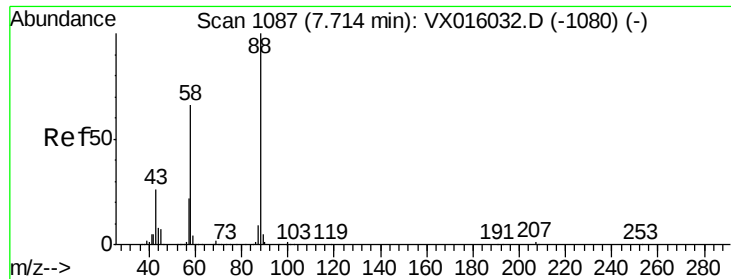


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 925.090 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampled :

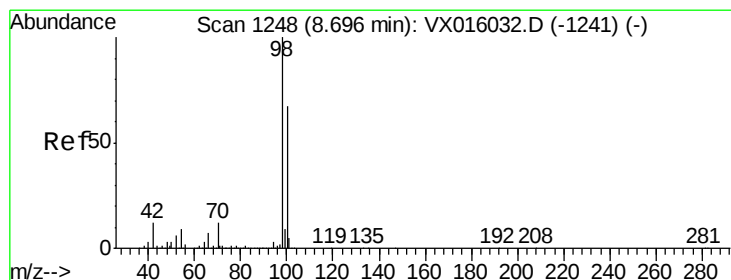
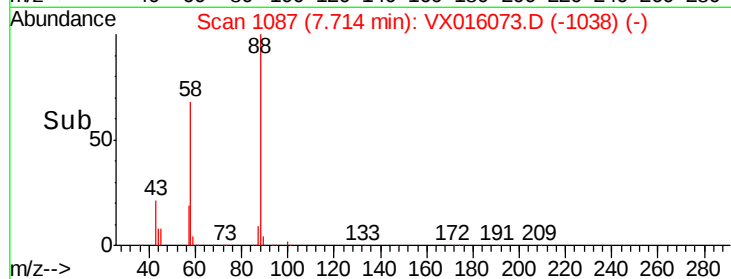
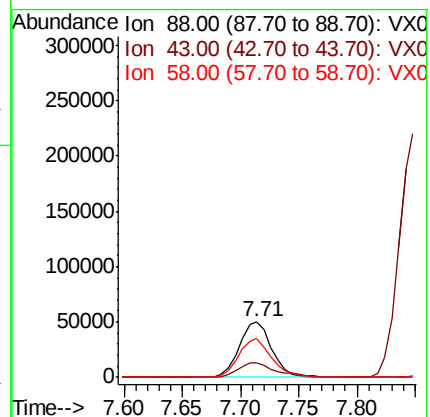
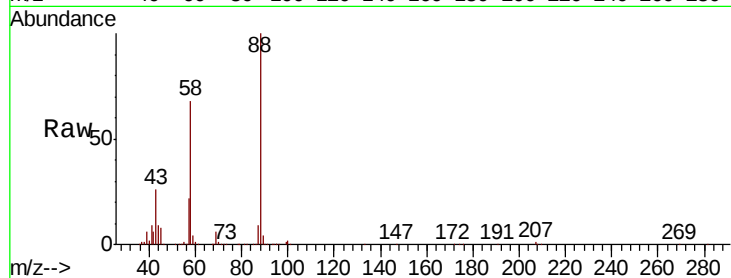
Tot Ion: 88 Resp: 95754

Ion Ratio Lower Upper

88 100

43 31.9 25.3 37.9

58 71.6 55.9 83.9



#50

Toluene-d8

Concen: 42.193 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016073.D

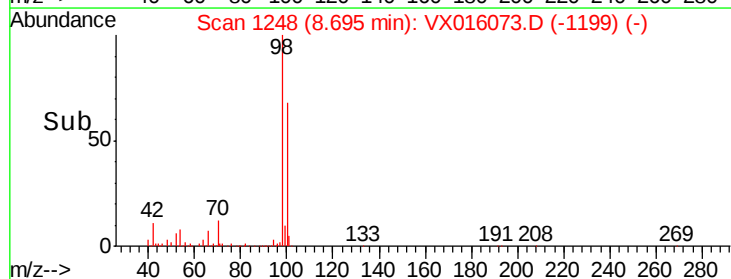
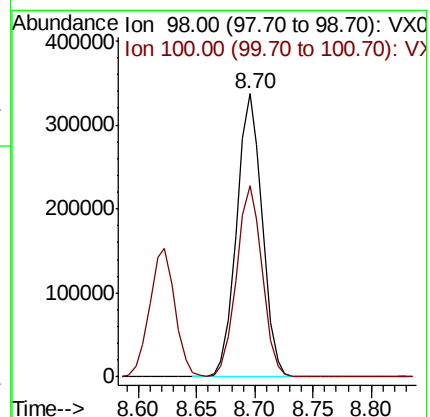
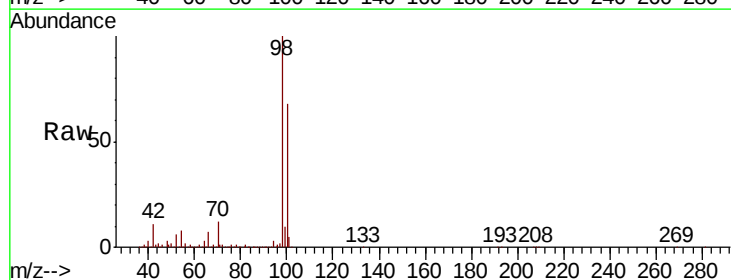
Acq: 06 May 2020 10:45

Tgt Ion: 98 Resp: 515336

Ion Ratio Lower Upper

98 100

100 67.8 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 241.144 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

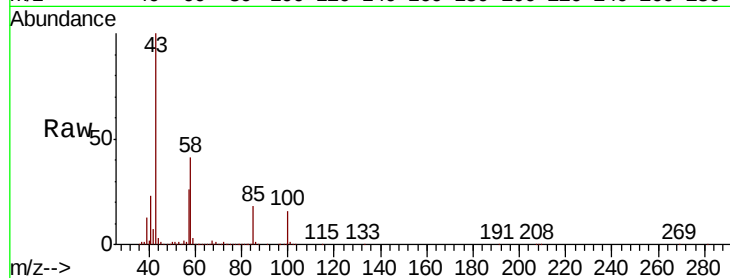
ClientSampleId :

Tot Ion: 43 Resp: 1344035

Ion Ratio Lower Upper

43 100

58 41.7 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

800000

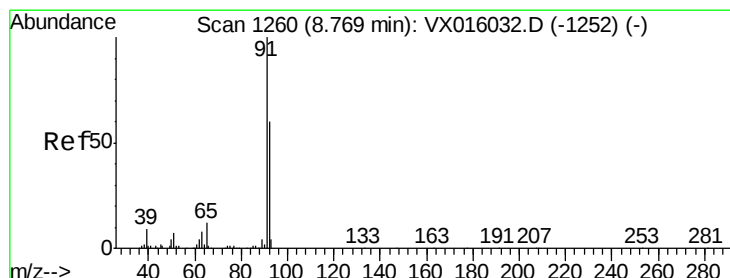
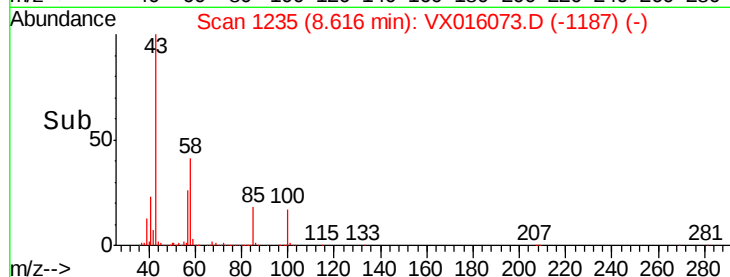
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.177 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016073.D

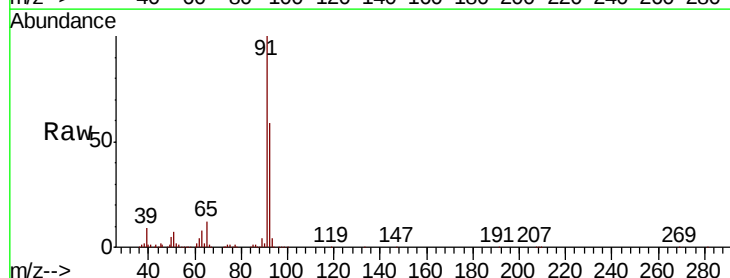
Acq: 06 May 2020 10:45

Tgt Ion: 92 Resp: 450717

Ion Ratio Lower Upper

92 100

91 167.8 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

500000

400000

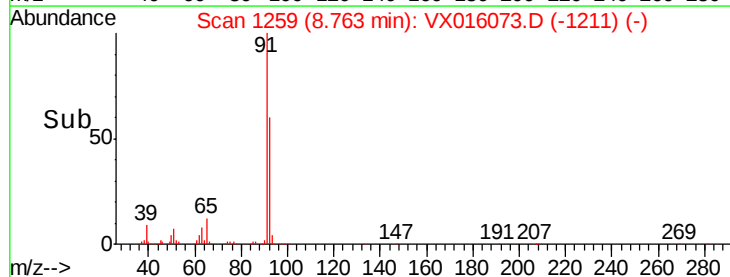
300000

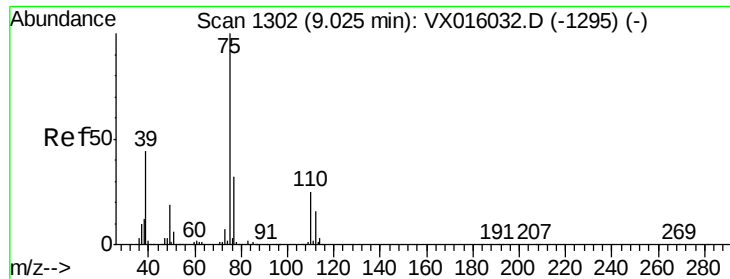
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.863 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

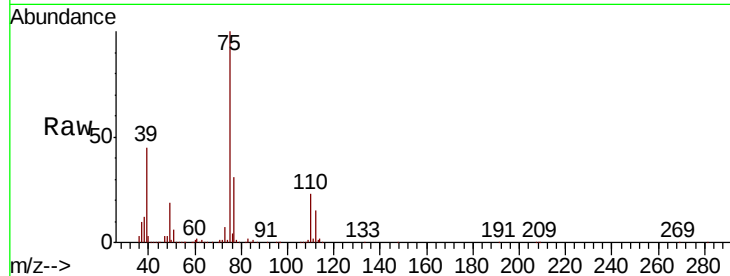
ClientSampleId :

Tot Ion: 75 Resp: 300044

Ion Ratio Lower Upper

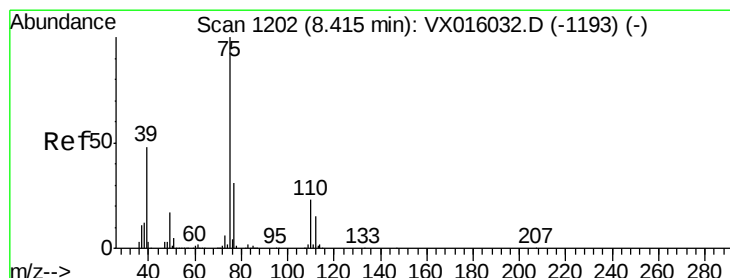
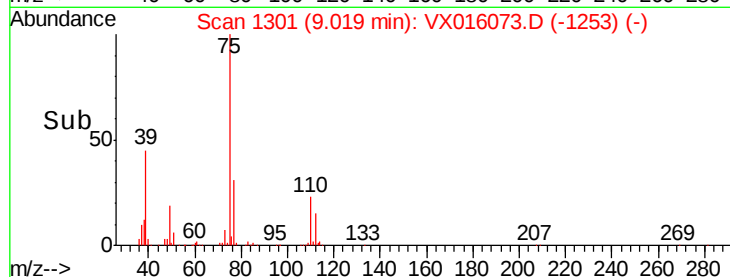
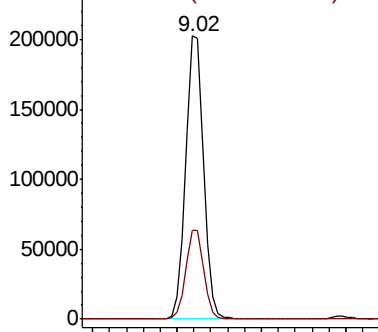
75 100

77 31.3 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.062 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

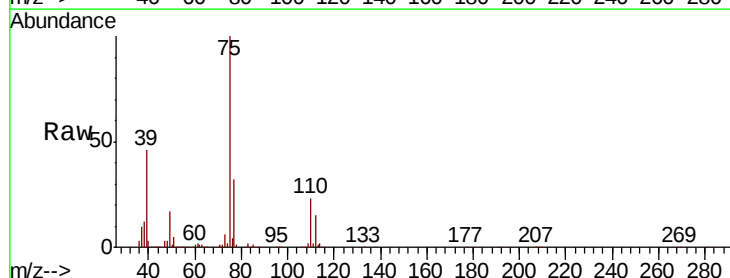
Tgt Ion: 75 Resp: 314655

Ion Ratio Lower Upper

75 100

77 31.9 24.7 37.1

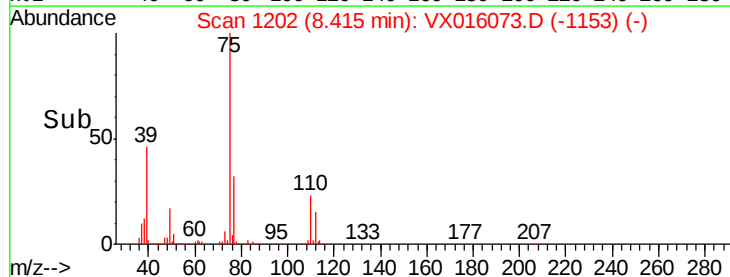
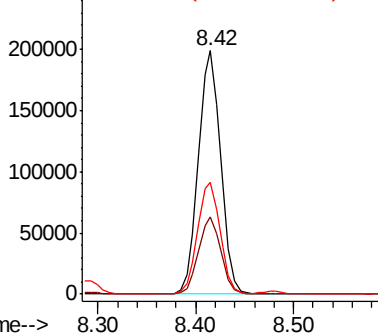
39 46.0 38.7 58.1

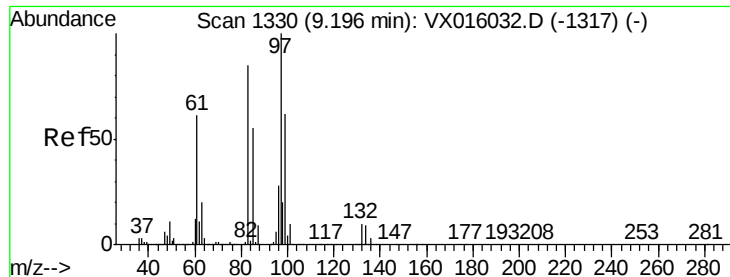


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

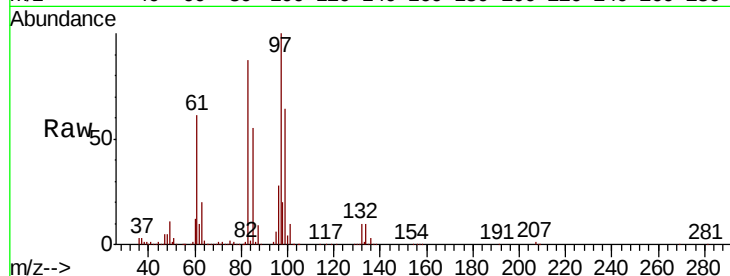




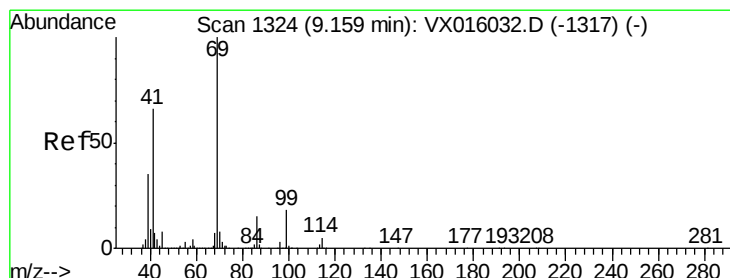
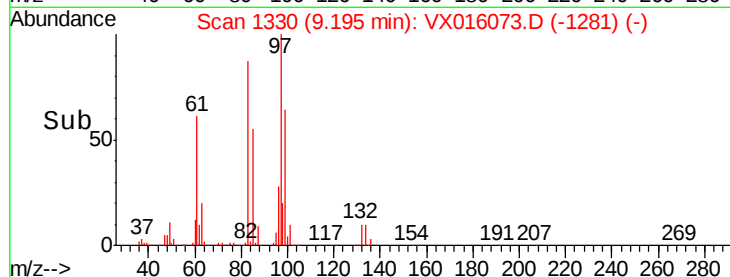
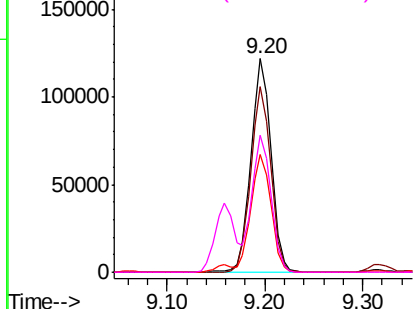
#55
 1,1,2-Trichloroethane
 Concen: 49.318 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	174293
Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.8	101.8
85	55.1	43.8	65.8
99	64.0	49.4	74.0

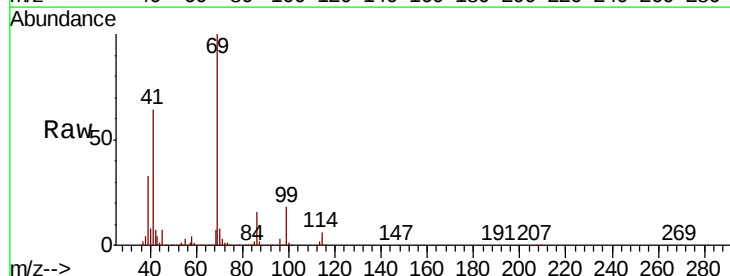


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

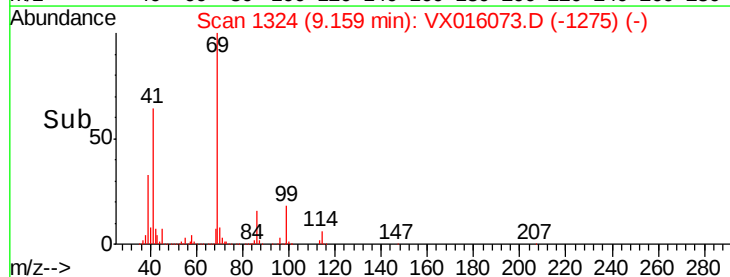
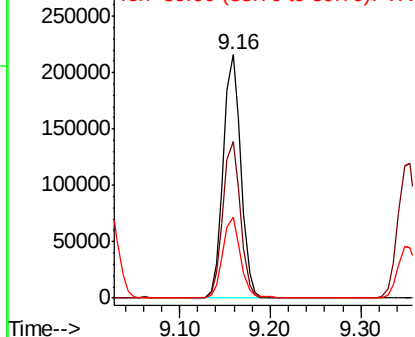


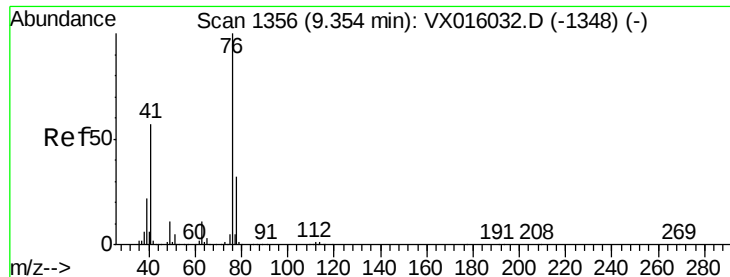
#56
 Ethyl methacrylate
 Concen: 50.711 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Tgt Ion:	69	Resp:	292538
Ion	Ratio	Lower	Upper
69	100		
41	64.1	52.2	78.4
39	33.5	28.2	42.4



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: 49.888 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

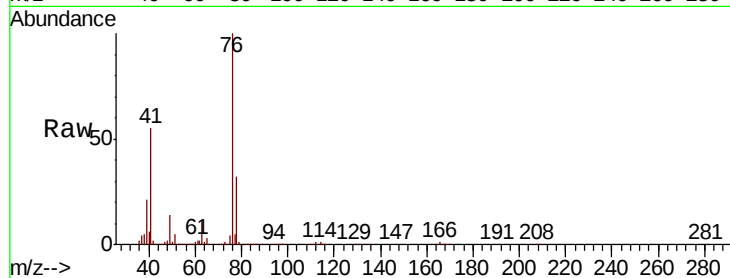
ClientSampleId :

Tot Ion: 76 Resp: 307638

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

250000

200000

150000

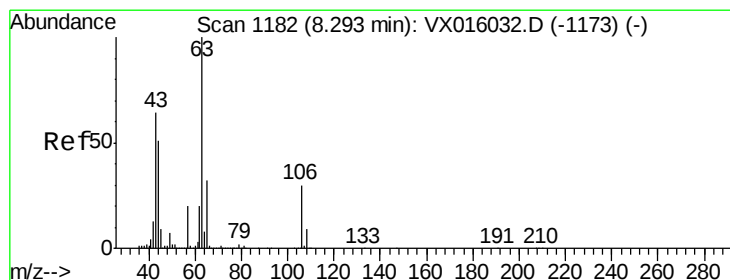
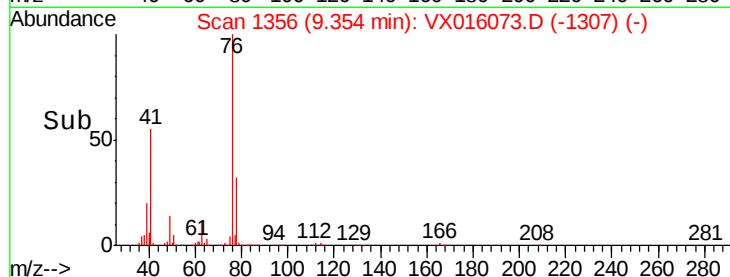
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 282.034 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016073.D

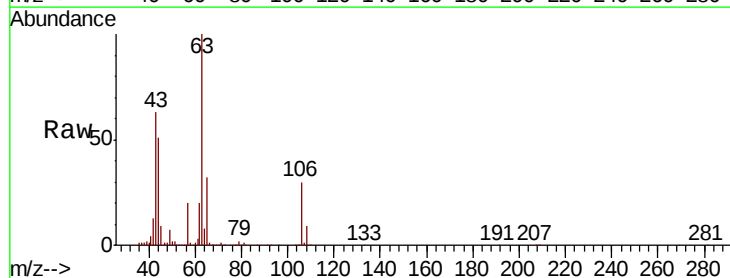
Acq: 06 May 2020 10:45

Tgt Ion: 63 Resp: 866159

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

600000

500000

400000

300000

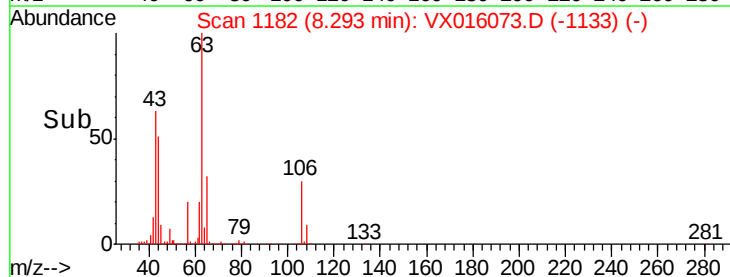
200000

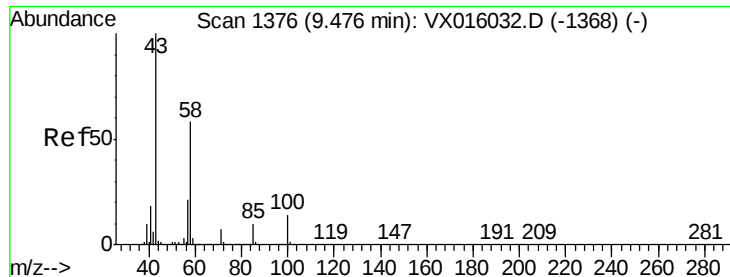
100000

0

8.20 8.30 8.40

Time-->

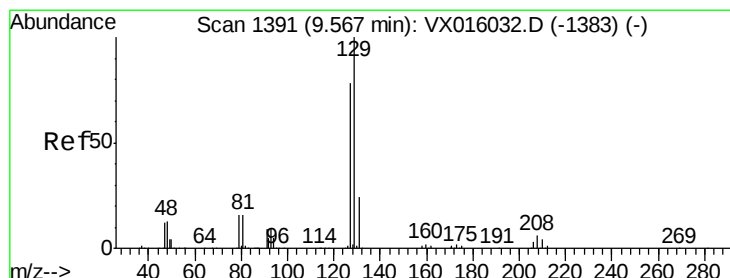
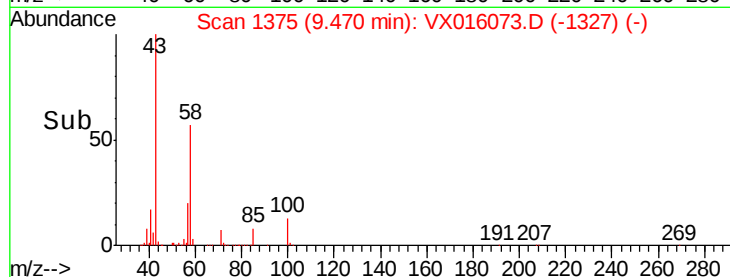
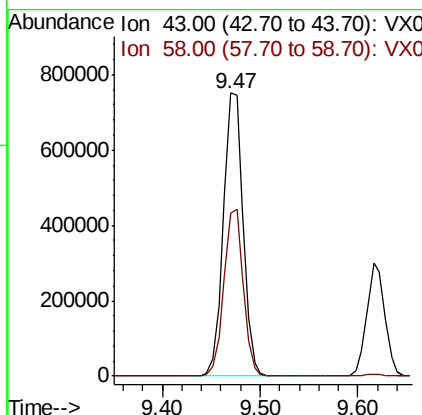
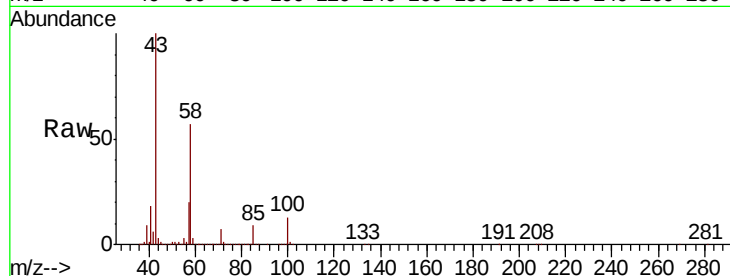




#59
2-Hexanone
Concen: 239.768 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

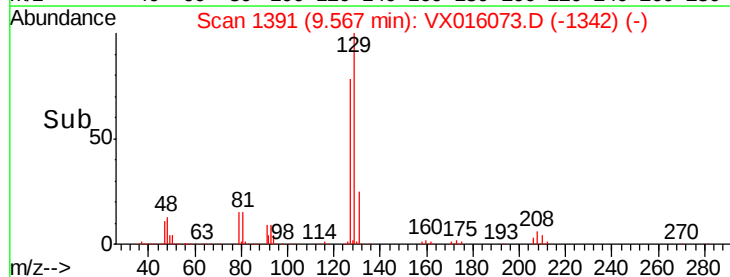
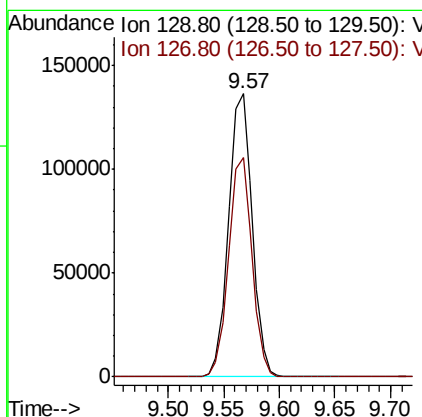
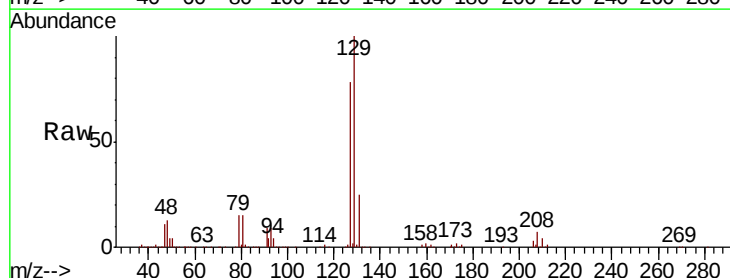
Instrument :
MSVOA_X
ClientSampleId :

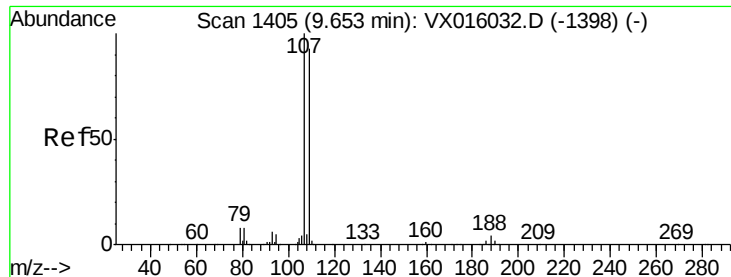
Tot Ion: 43 Resp: 1049482
Ion Ratio Lower Upper
43 100
58 58.0 28.6 85.9



#60
Dibromochloromethane
Concen: 51.467 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion: 129 Resp: 200321
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 49.818 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

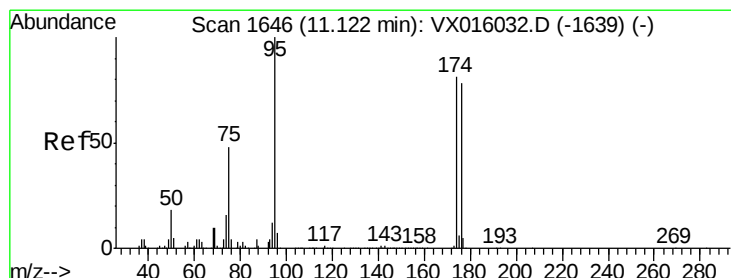
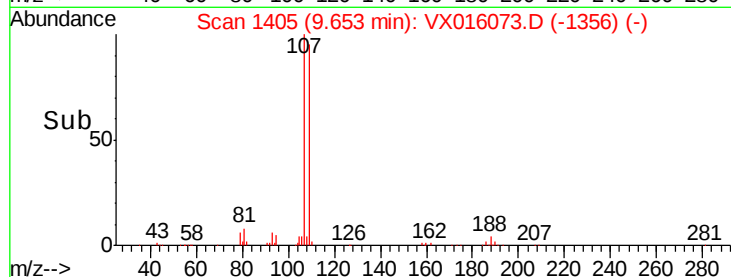
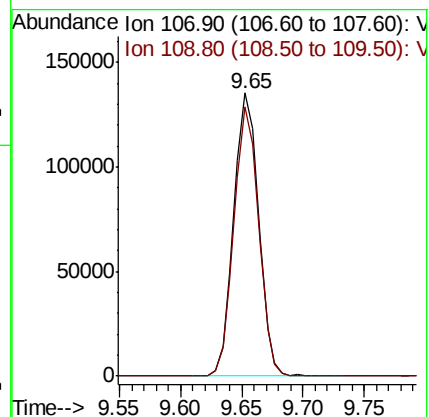
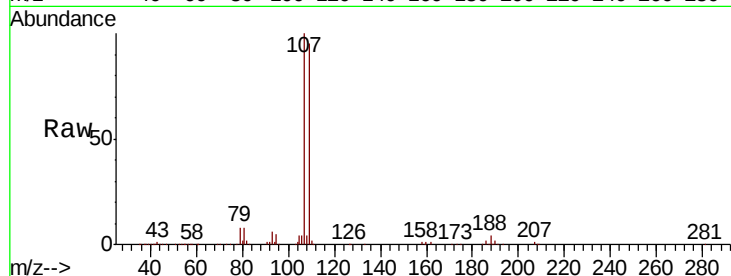
ClientSampleId :

Tot Ion:107 Resp: 190703

Ion Ratio Lower Upper

107 100

109 94.3 74.9 112.3



#62

4-Bromofluorobenzene

Concen: 43.461 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

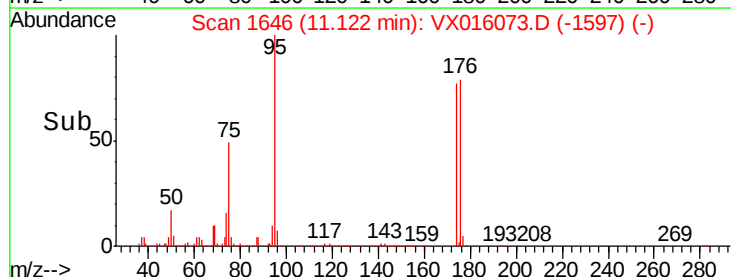
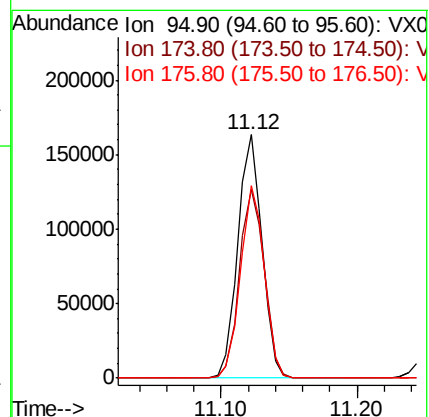
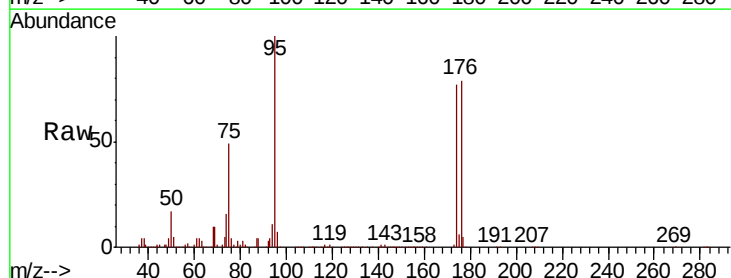
Tgt Ion: 95 Resp: 201902

Ion Ratio Lower Upper

95 100

174 79.7 0.0 159.4

176 78.2 0.0 157.6

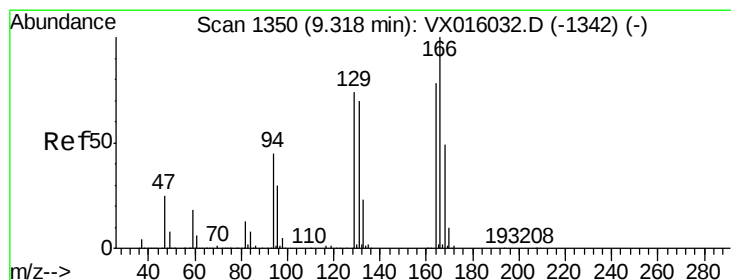
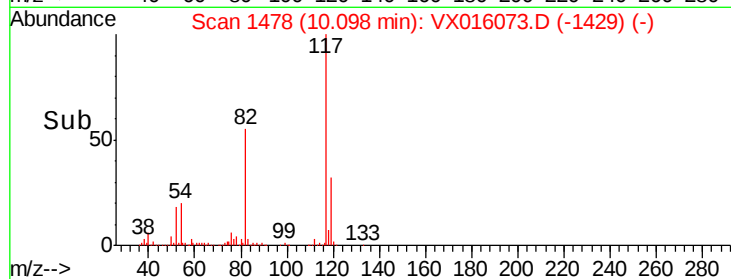
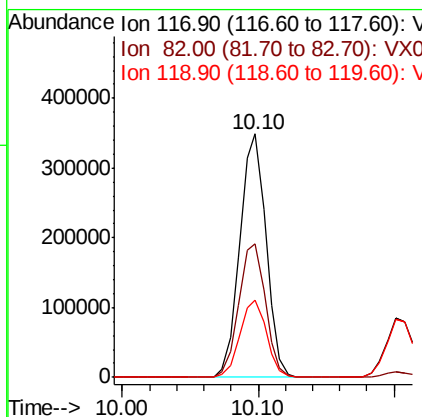
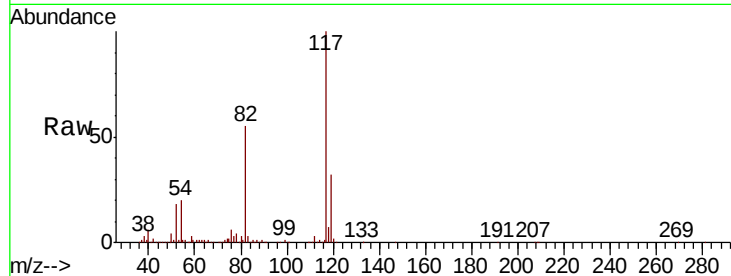




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

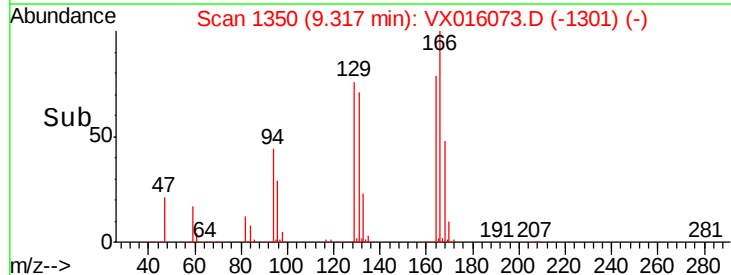
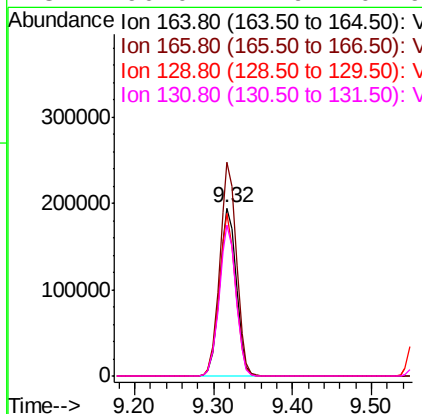
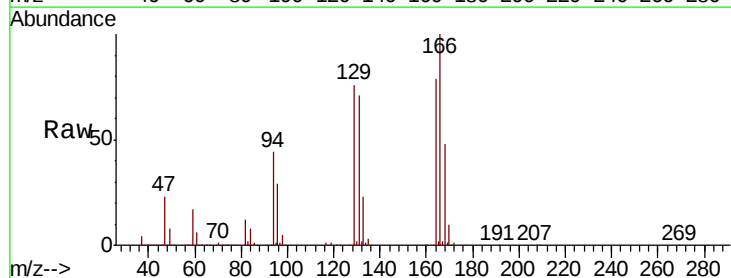
Instrument :
MSVOA_X
ClientSampleId :

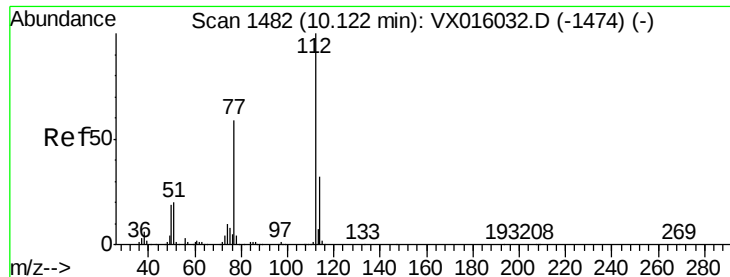
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.4	66.6
119	31.8	25.5	38.3



#64
Tetrachloroethene
Concen: 50.037 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	102.9	154.3
129	96.8	76.1	114.1
131	90.0	71.9	107.9

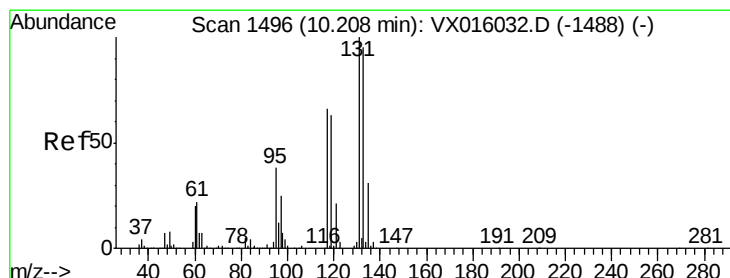
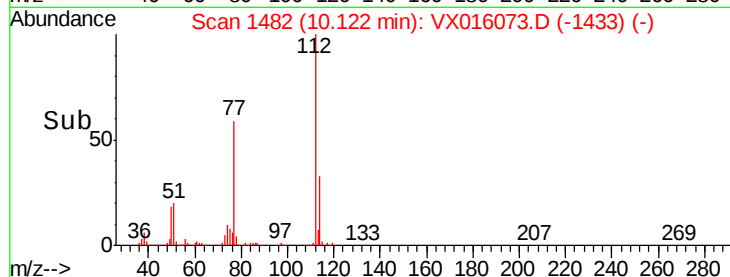
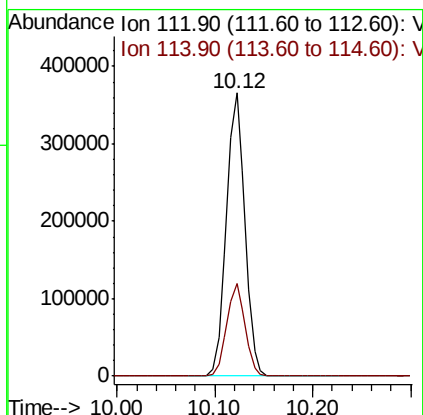
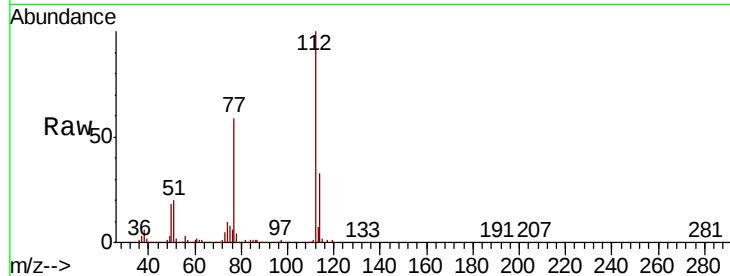




#65
Chlorobenzene
Concen: 48.887 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

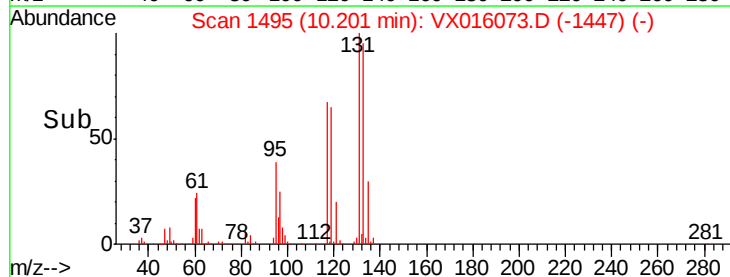
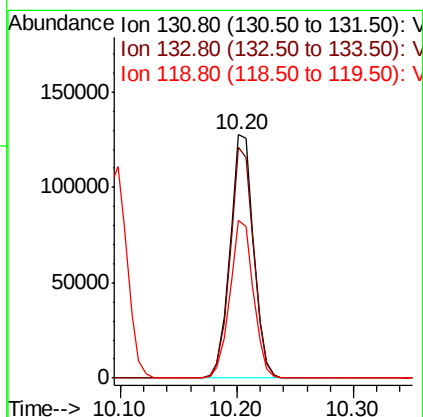
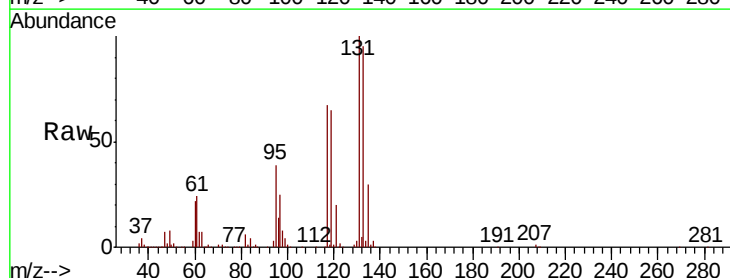
Instrument :
MSVOA_X
ClientSampleId :

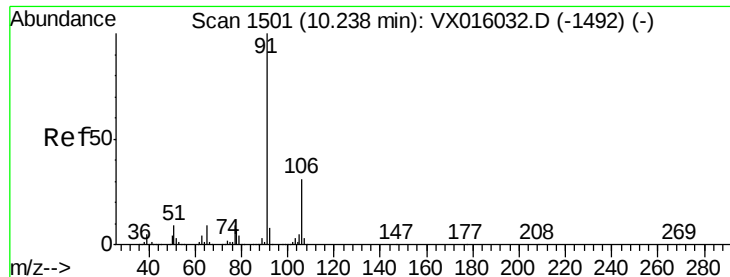
Tot Ion:112 Resp: 480750
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.323 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion:131 Resp: 179277
Ion Ratio Lower Upper
131 100
133 95.0 48.3 144.8
119 64.7 32.3 96.9

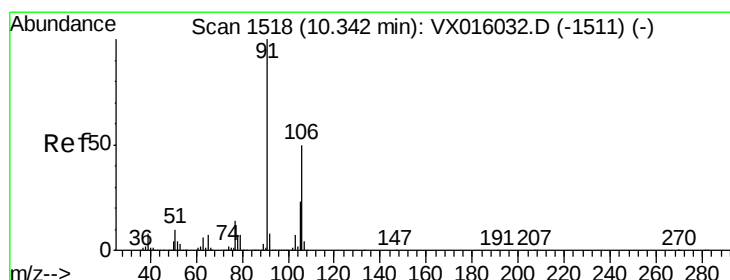
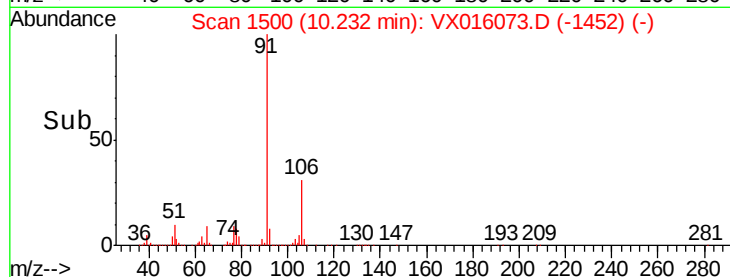
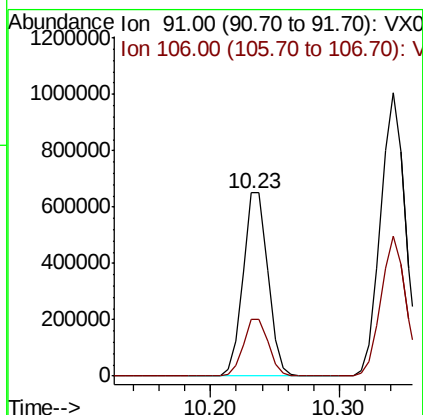
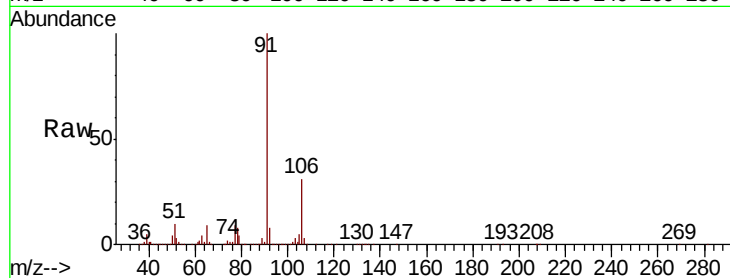




#67
Ethyl Benzene
Concen: 49.296 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

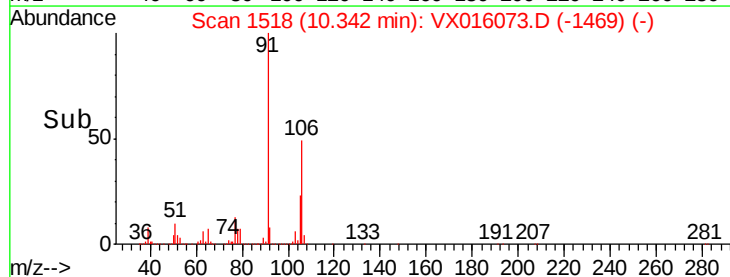
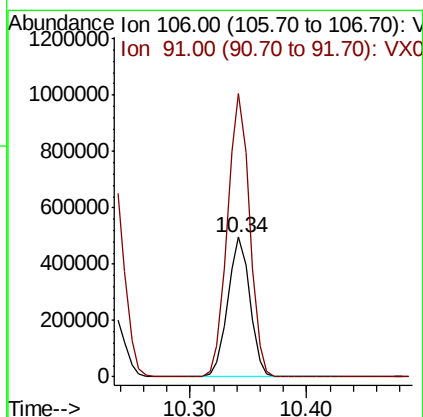
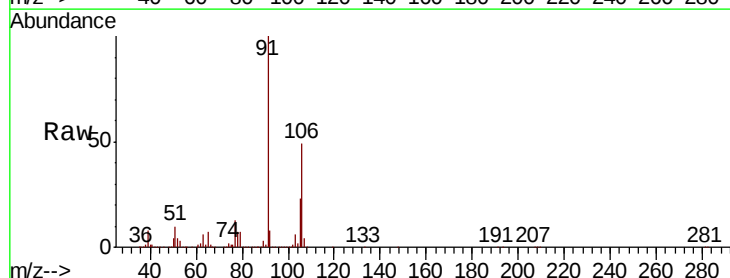
Instrument :
MSVOA_X
ClientSampled :

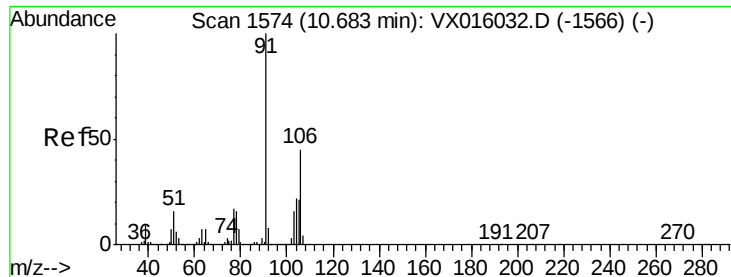
Tot Ion: 91 Resp: 864954
Ion Ratio Lower Upper
91 100
106 30.7 25.1 37.7



#68
m/p-Xylenes
Concen: 99.647 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion: 106 Resp: 655072
Ion Ratio Lower Upper
106 100
91 203.6 161.7 242.5

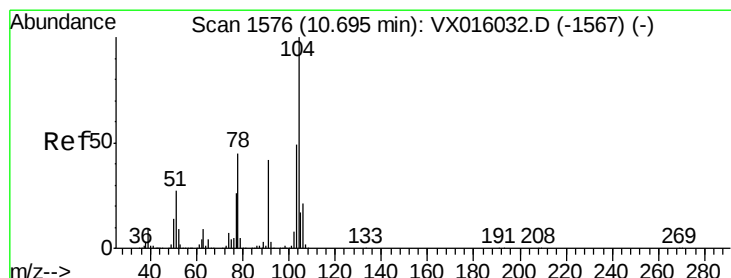
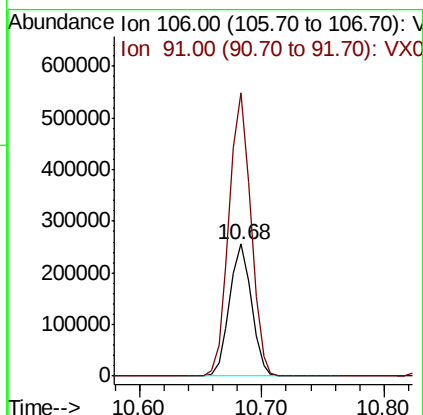
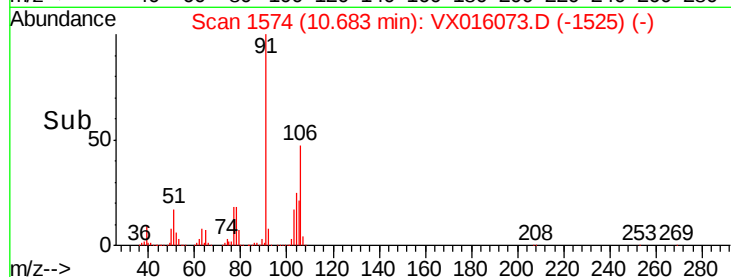
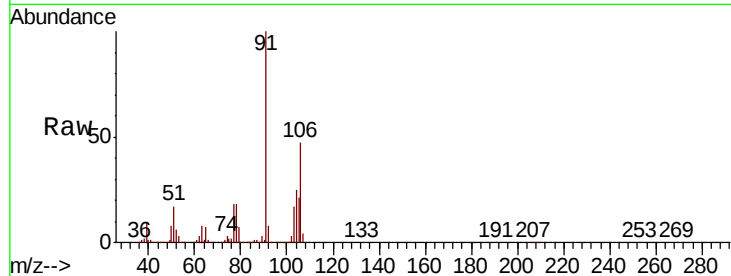




#69
o-Xylene
Concen: 49.988 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

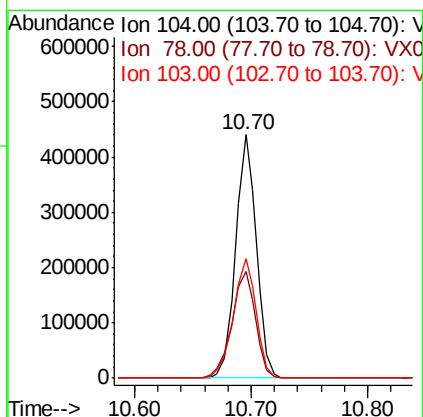
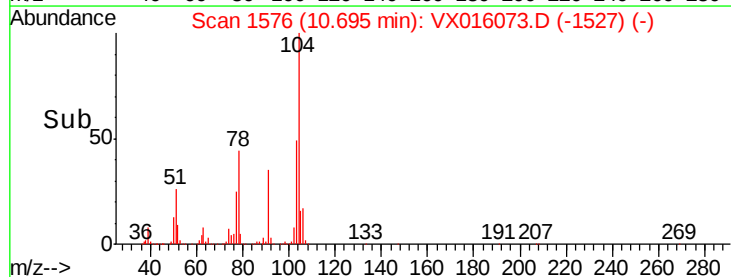
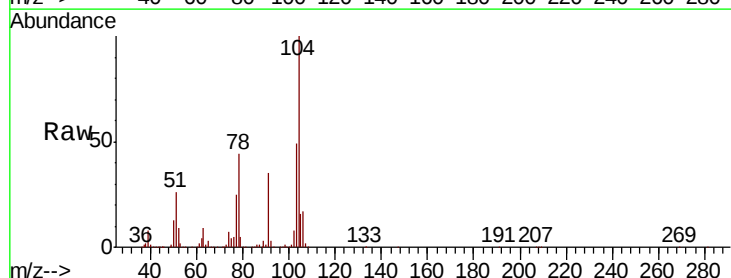
Instrument :
MSVOA_X
ClientSampleId :

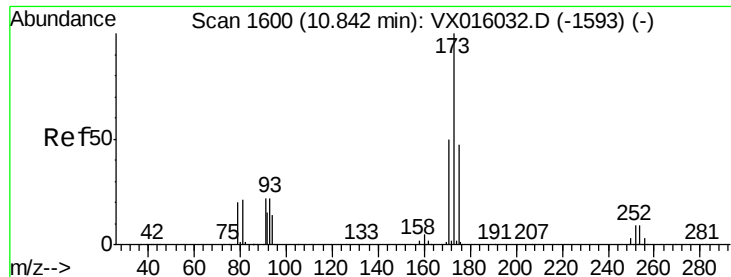
Tot Ion:106 Resp: 315881
Ion Ratio Lower Upper
106 100
91 214.5 107.5 322.6



#70
Styrene
Concen: 51.007 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion:104 Resp: 546816
Ion Ratio Lower Upper
104 100
78 49.9 40.2 60.2
103 53.9 43.0 64.6





#71

Bromoform

Concen: 51.634 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

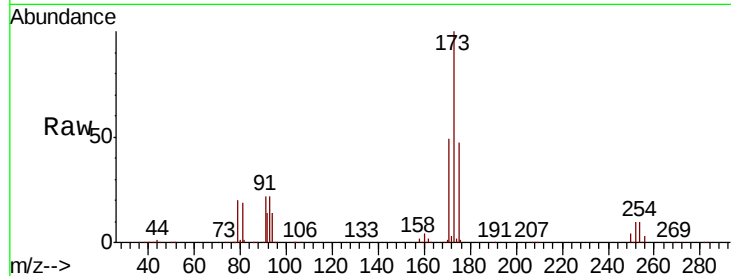
Tot Ion:173 Resp: 152905

Ion Ratio Lower Upper

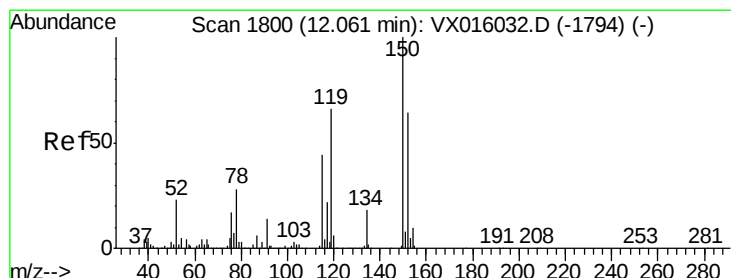
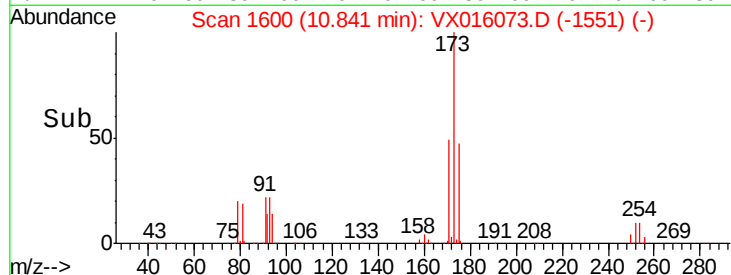
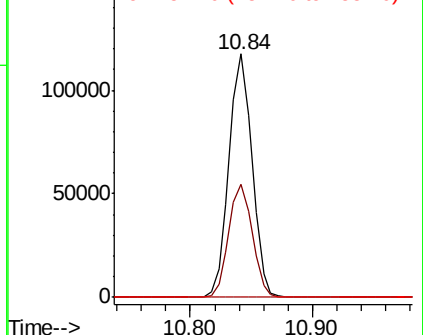
173 100

175 47.8 24.0 72.0

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

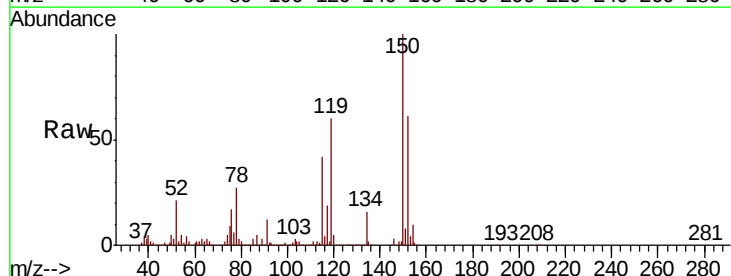
Tgt Ion:152 Resp: 238175

Ion Ratio Lower Upper

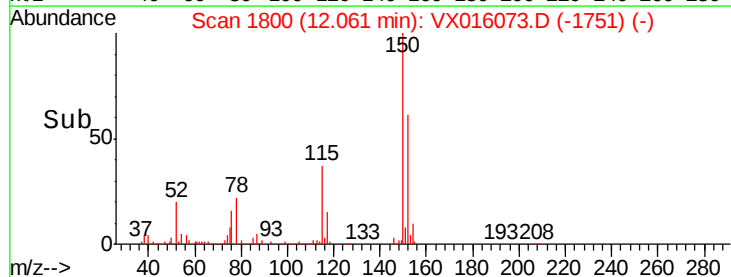
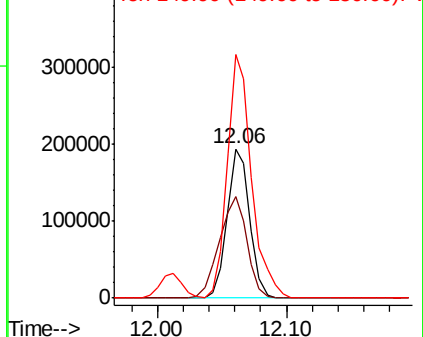
152 100

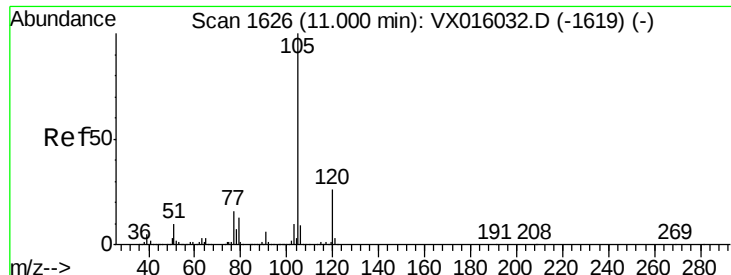
115 83.8 41.3 124.1

150 176.1 0.0 352.2



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

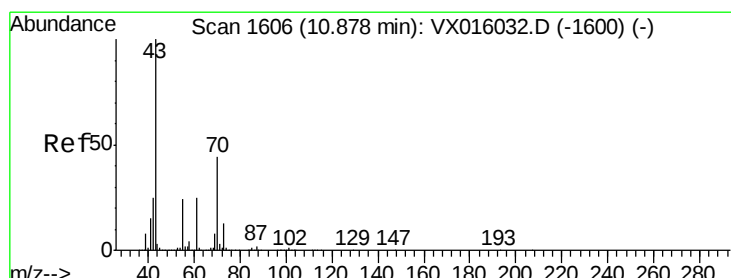
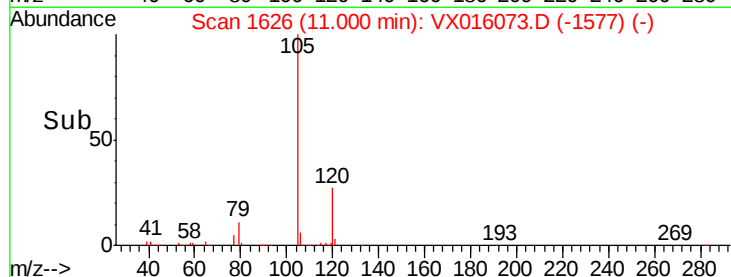
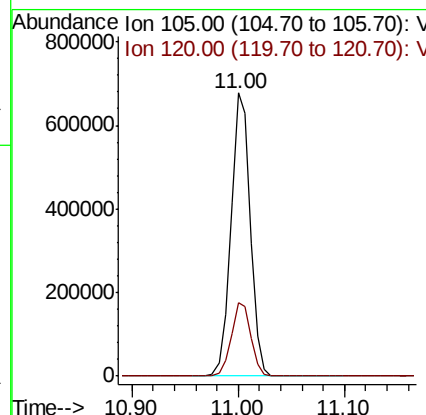
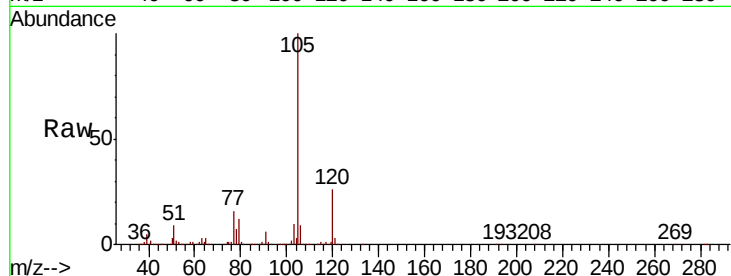




#73
Isopropylbenzene
Concen: 49.450 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

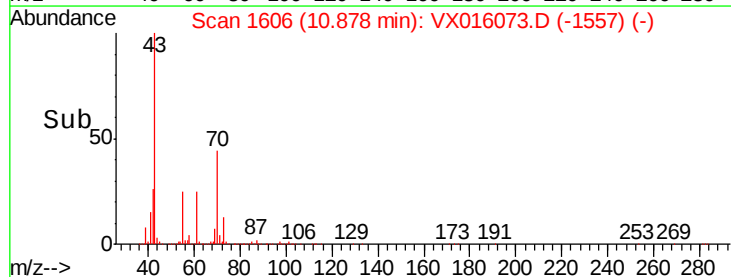
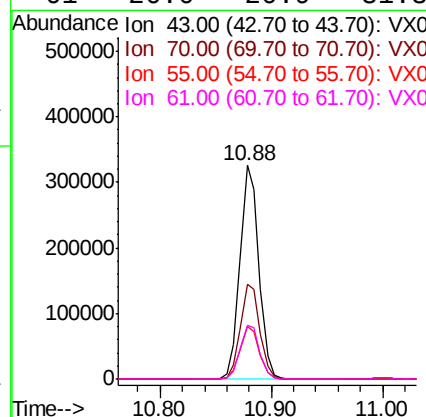
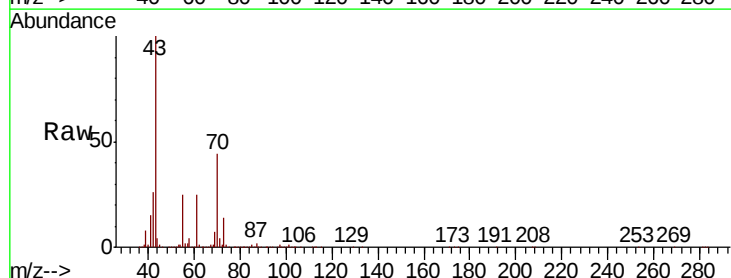
Instrument :
MSVOA_X
ClientSampleId :

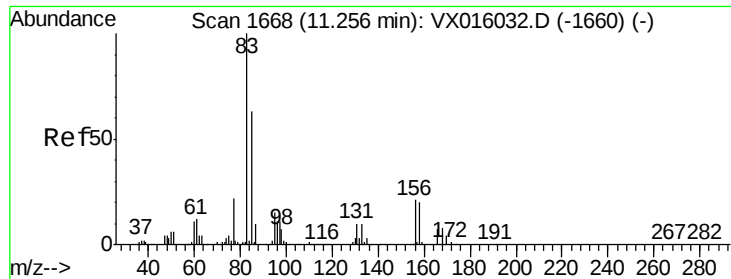
Tot Ion:105 Resp: 856646
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.2



#74
N-ethyl acetate
Concen: 47.037 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion: 43 Resp: 380078
Ion Ratio Lower Upper
43 100
70 45.3 36.5 54.7
55 25.1 19.7 29.5
61 26.0 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 45.095 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampled :

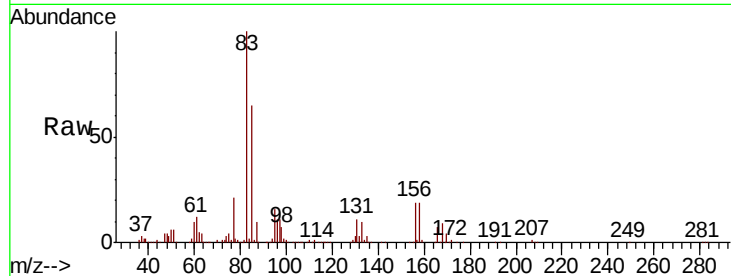
Tot Ion: 83 Resp: 151227

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.4

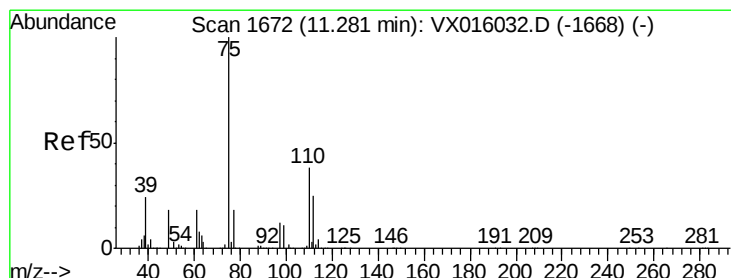
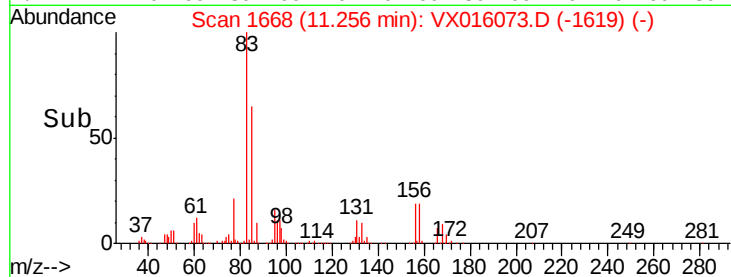
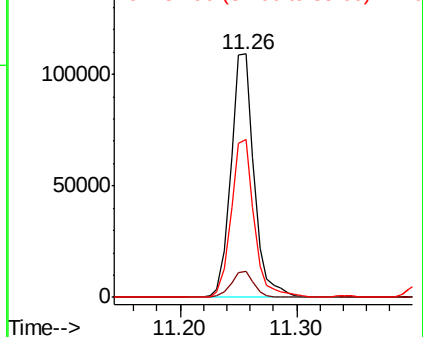
85 64.4 32.0 96.0



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: 64.192 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016073.D

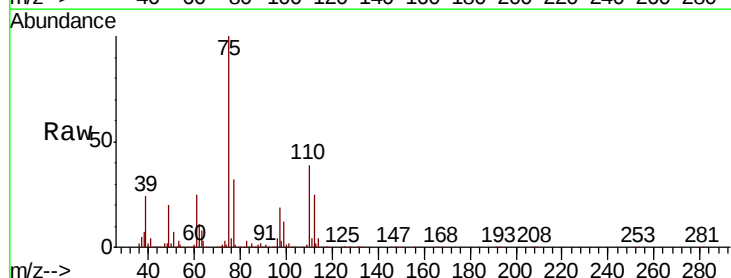
Acq: 06 May 2020 10:45

Tgt Ion: 75 Resp: 346942

Ion Ratio Lower Upper

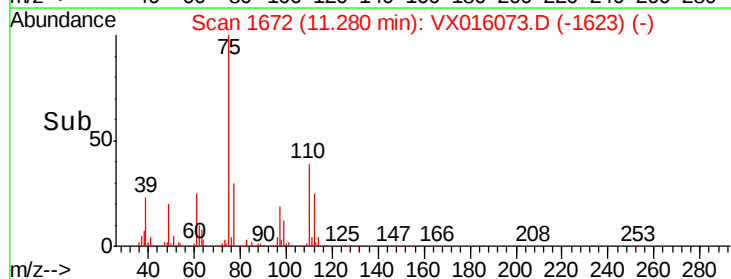
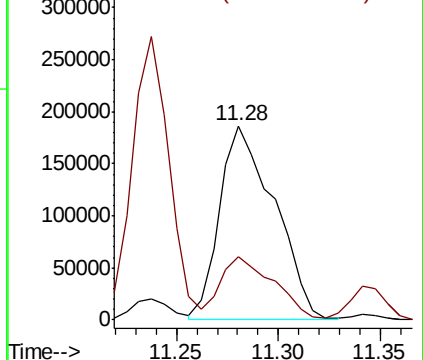
75 100

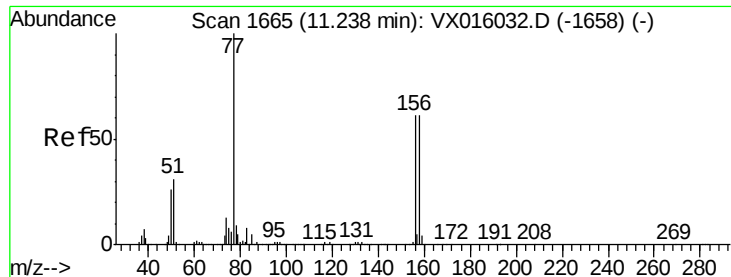
77 31.6 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.743 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

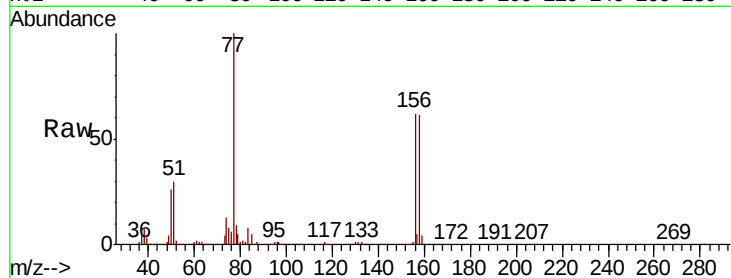
Tot Ion:156 Resp: 213482

Ion Ratio Lower Upper

156 100

77 160.7 80.1 240.3

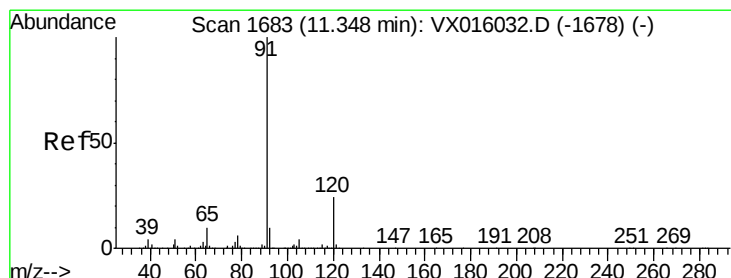
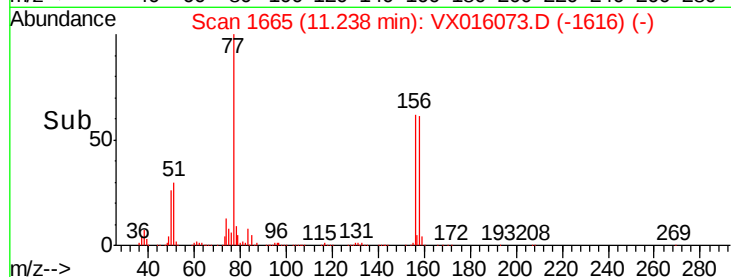
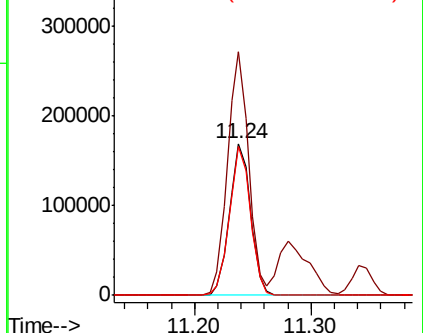
158 97.4 49.4 148.2



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: 49.837 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016073.D

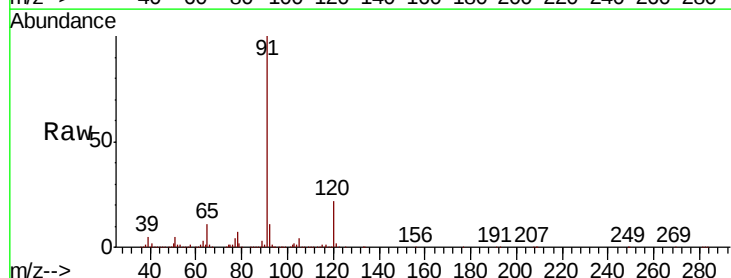
Acq: 06 May 2020 10:45

Tgt Ion: 91 Resp: 1004373

Ion Ratio Lower Upper

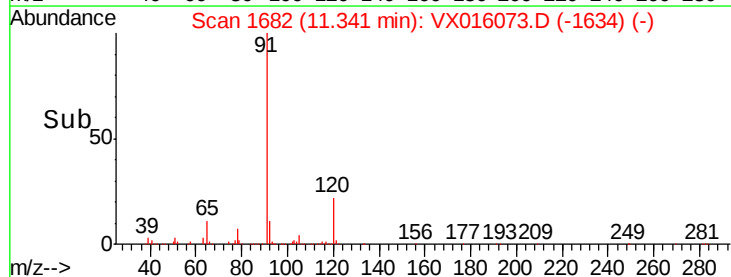
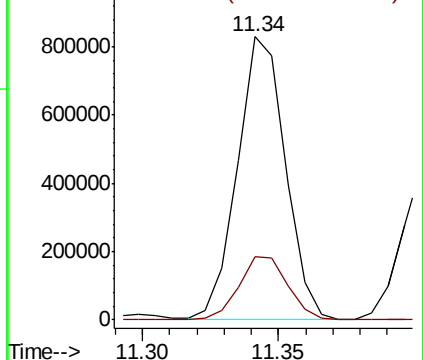
91 100

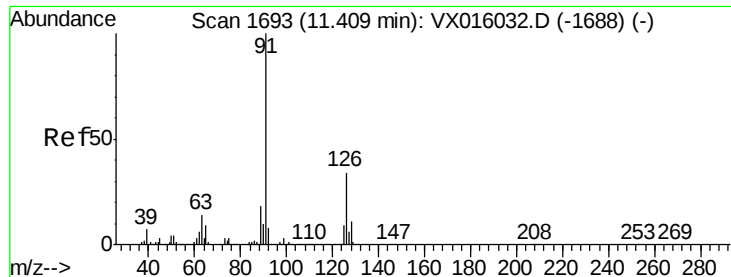
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

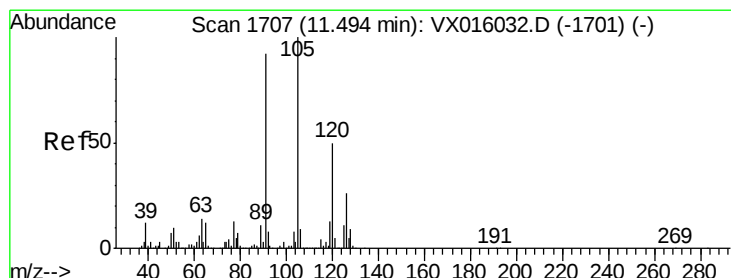
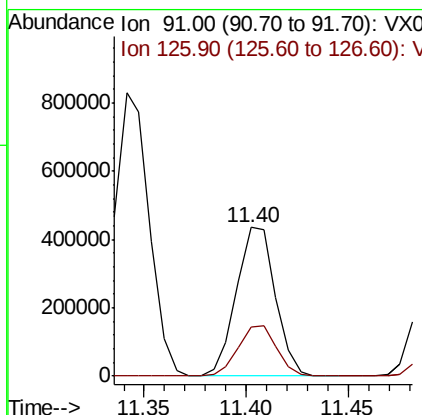
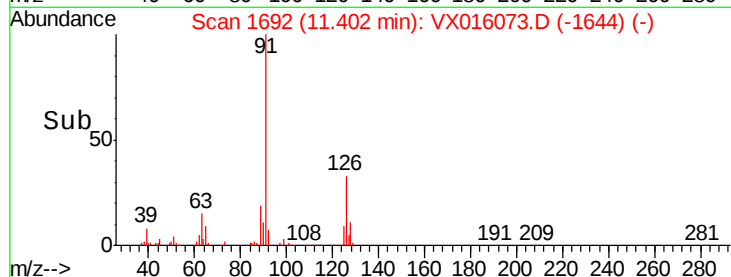
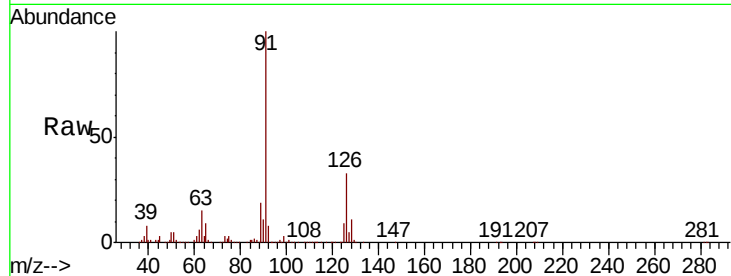




#79
 2-Chlorotoluene
 Concen: 48.313 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

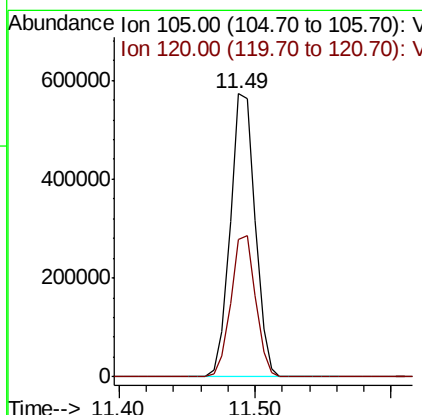
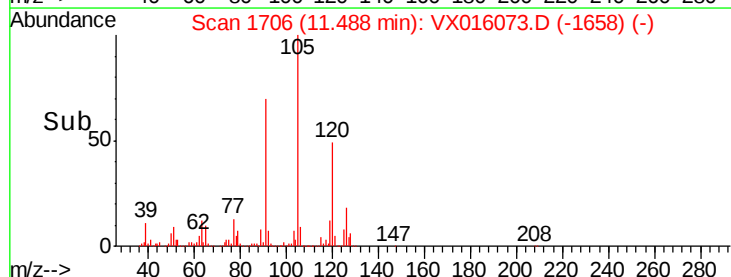
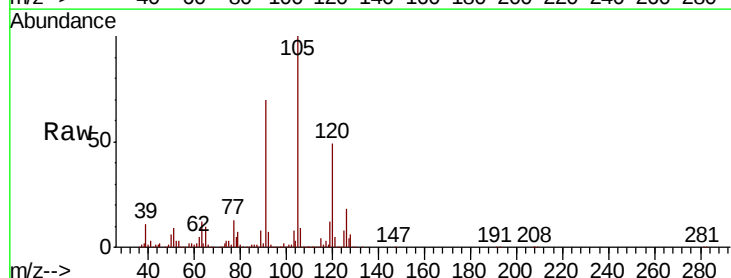
Instrument :
 MSVOA_X
 ClientSampleId :

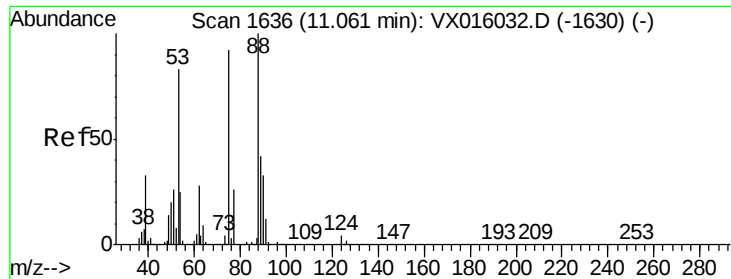
Tot Ion: 91 Resp: 574721
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 49.783 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Tgt Ion:105 Resp: 728154
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 48.436 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

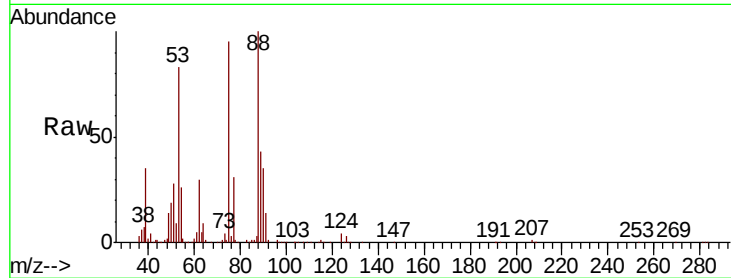
Tot Ion: 75 Resp: 109851

Ion Ratio Lower Upper

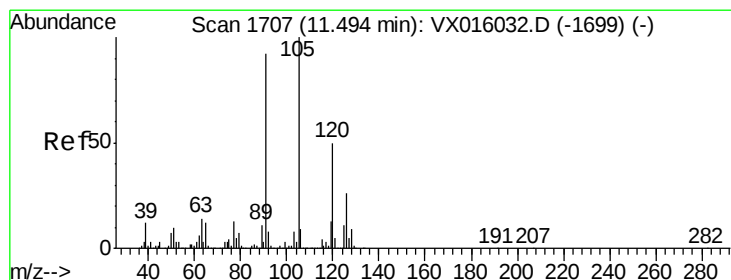
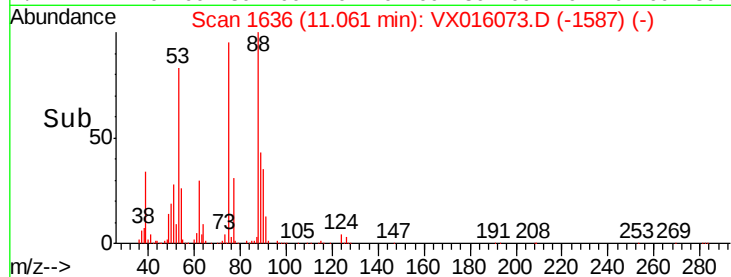
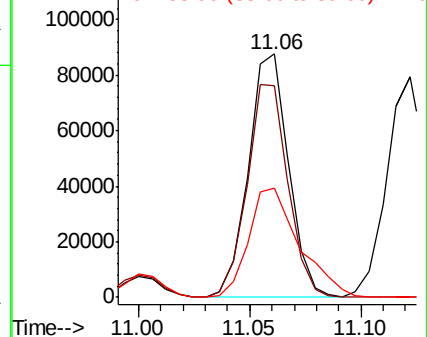
75 100

53 89.3 73.1 109.7

89 57.1 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.344 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016073.D

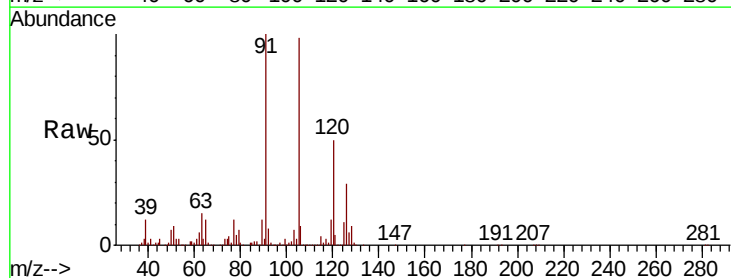
Acq: 06 May 2020 10:45

Tgt Ion: 91 Resp: 693168

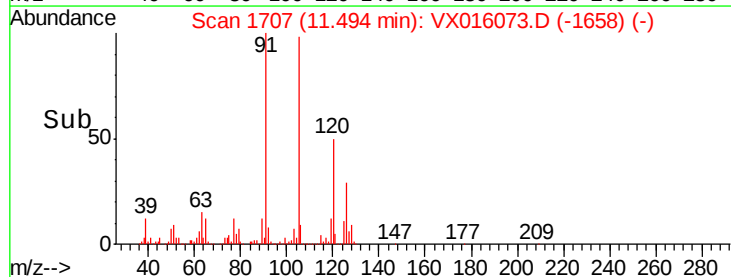
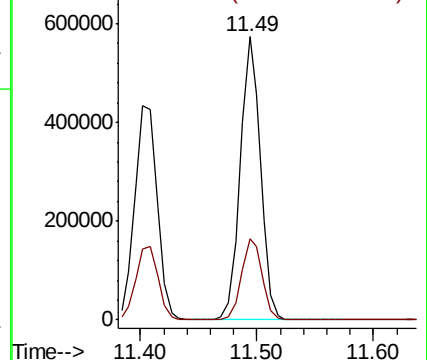
Ion Ratio Lower Upper

91 100

126 29.3 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.447 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

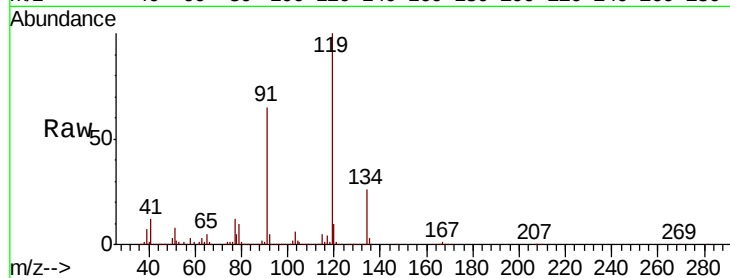
Tot Ion:119 Resp: 623290

Ion Ratio Lower Upper

119 100

91 64.8 32.8 98.4

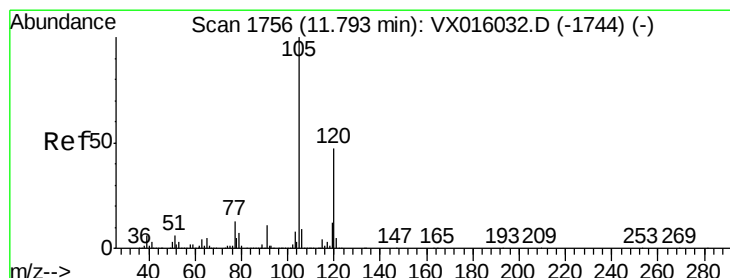
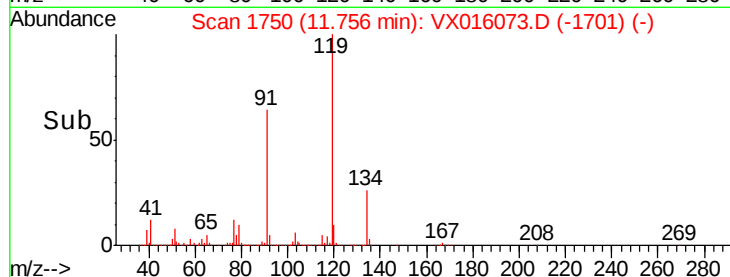
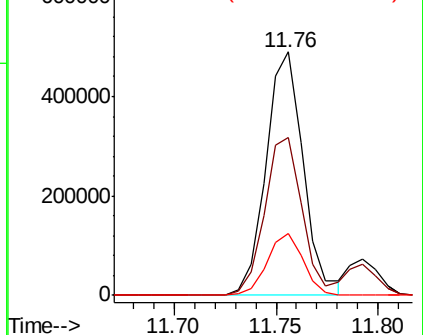
134 24.4 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.212 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016073.D

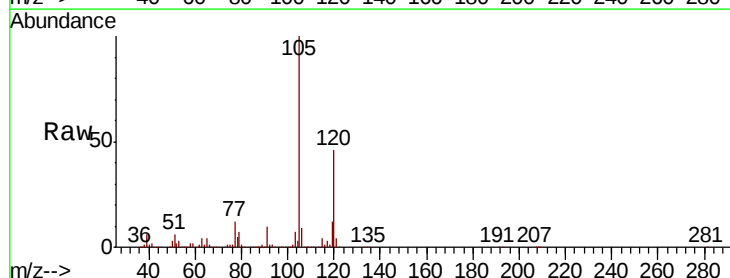
Acq: 06 May 2020 10:45

Tgt Ion:105 Resp: 727729

Ion Ratio Lower Upper

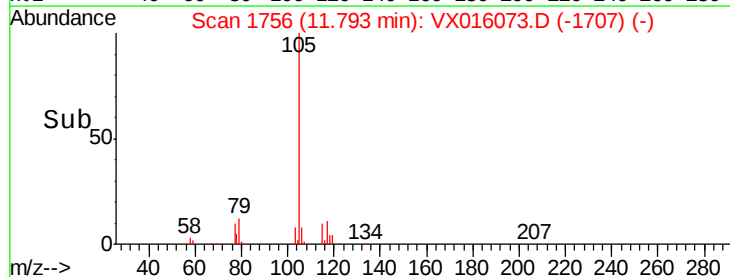
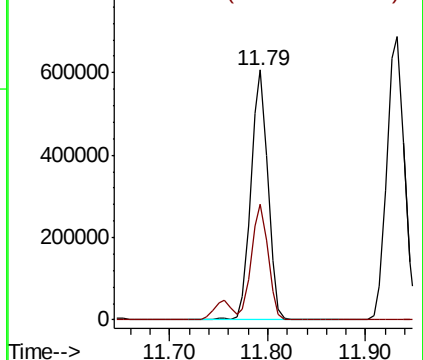
105 100

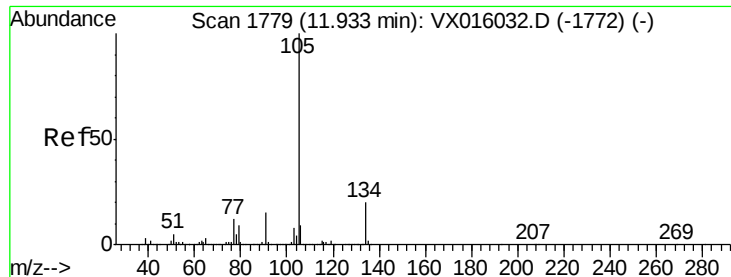
120 45.9 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.223 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

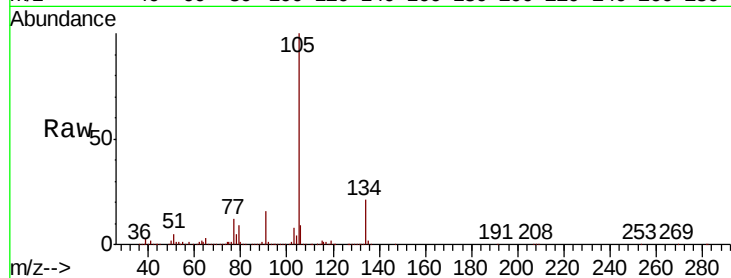
ClientSampleId :

Tot Ion:105 Resp: 854762

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

400000

200000

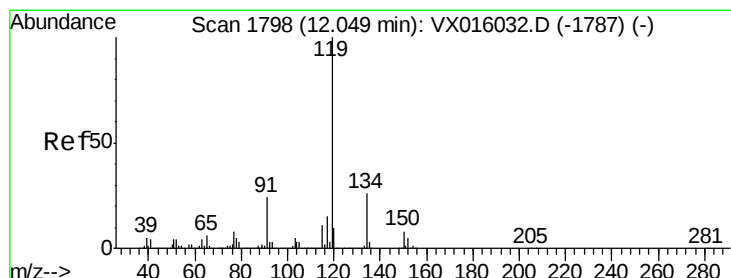
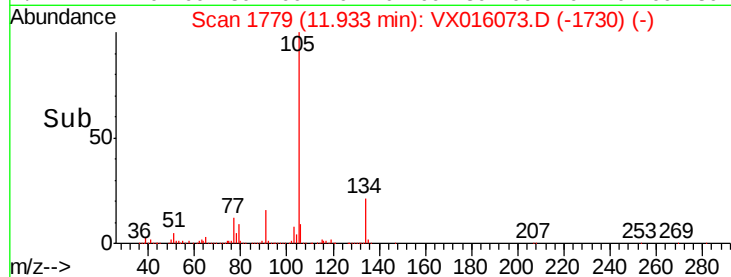
0

11.90

11.93

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 50.696 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

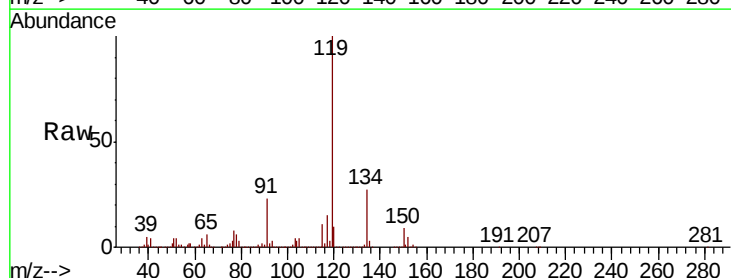
Tgt Ion:119 Resp: 801076

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.2 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

400000

200000

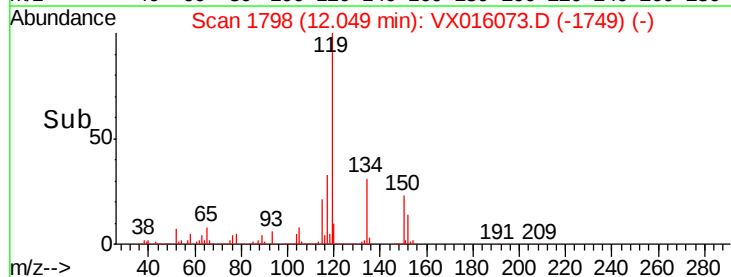
0

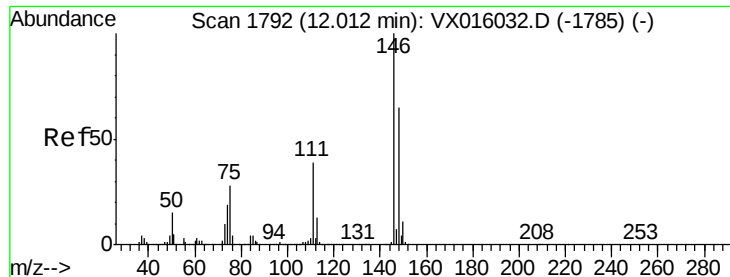
12.00

12.05

12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 47.704 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016073.D

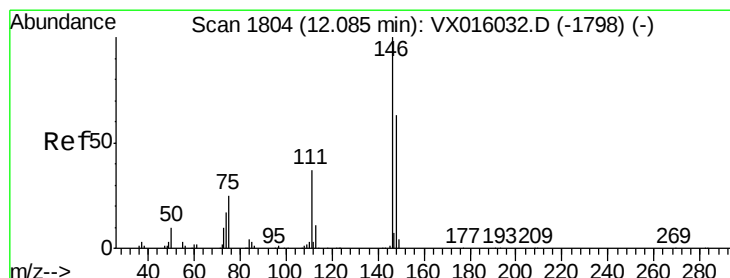
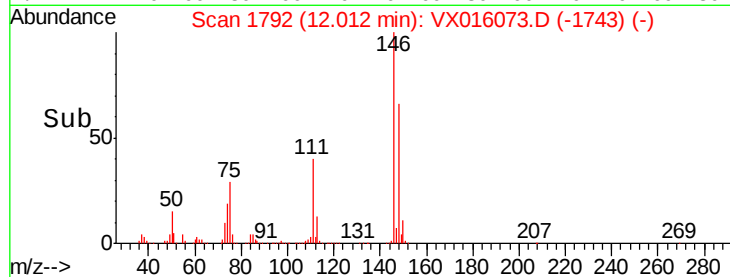
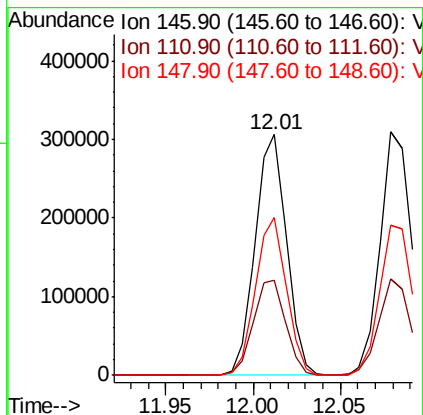
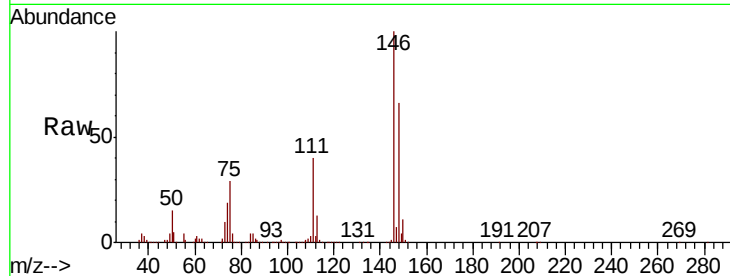
Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:146	Resp:	383001
Ion	Ratio	Lower Upper
146	100	
111	40.9	20.2 60.6
148	64.7	32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 47.255 ug/l

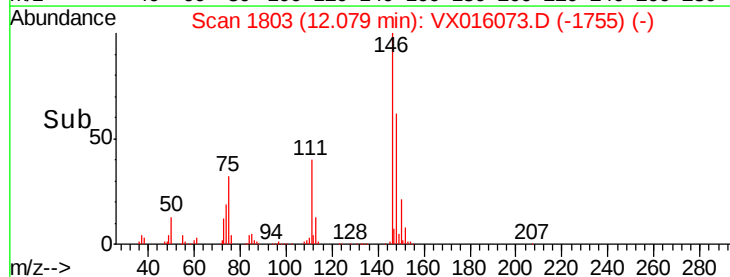
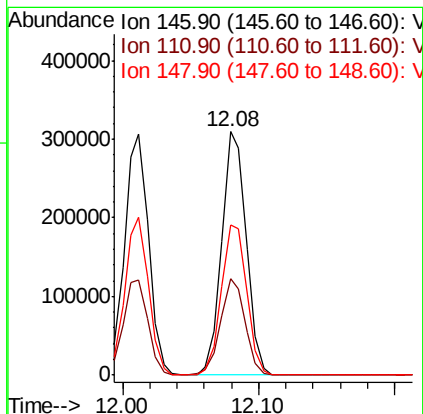
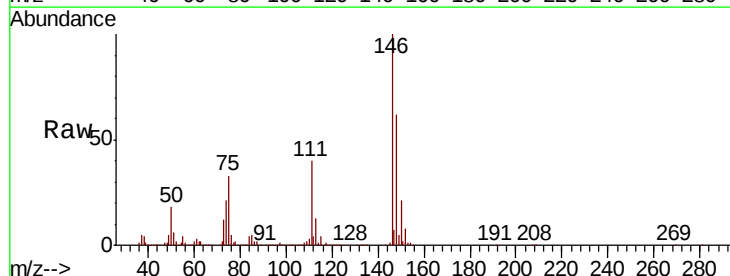
RT: 12.08 min Scan# 1803

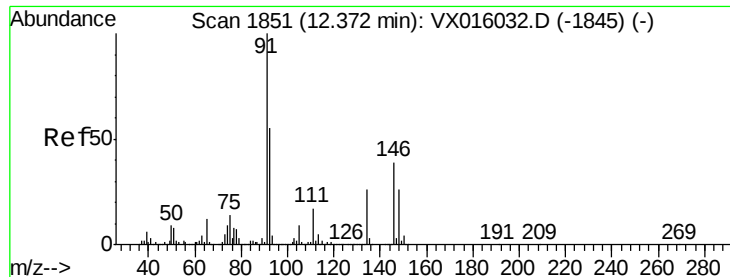
Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Tgt Ion:146	Resp:	385078
Ion	Ratio	Lower Upper
146	100	
111	39.7	19.6 58.7
148	64.2	31.8 95.3





#89

n-Butylbenzene

Concen: 51.052 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampled :

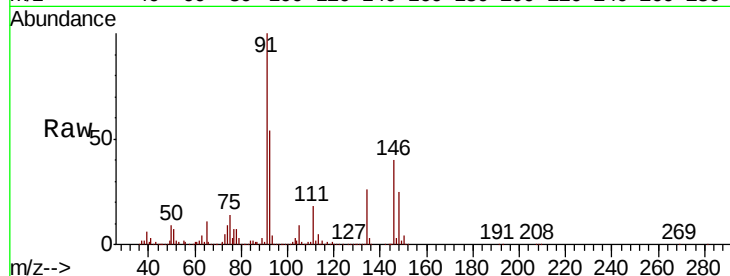
Tot Ion: 91 Resp: 736972

Ion Ratio Lower Upper

91 100

92 54.7 27.6 82.7

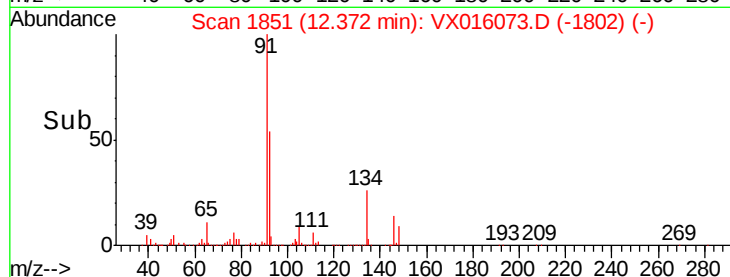
134 26.0 13.4 40.1



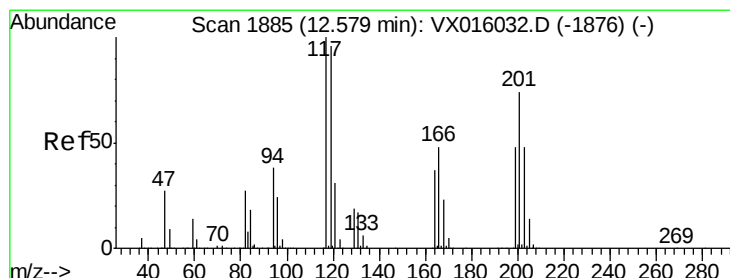
Abundance Ion 91.00 (90.70 to 91.70): VX016073.D (-1845) (-)

Ion 92.00 (91.70 to 92.70): VX016073.D (-1845) (-)

Ion 134.00 (133.70 to 134.70): VX016073.D (-1845) (-)



Time-->



#90

Hexachloroethane

Concen: 49.873 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016073.D

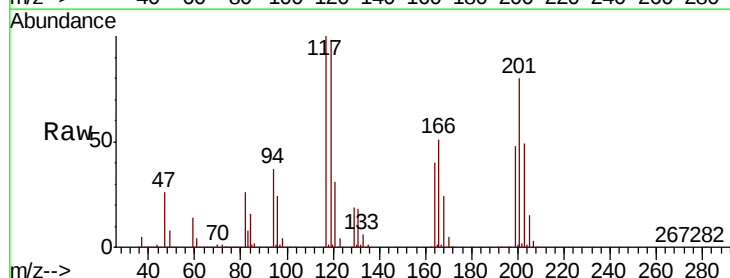
Acq: 06 May 2020 10:45

Tgt Ion: 117 Resp: 135345

Ion Ratio Lower Upper

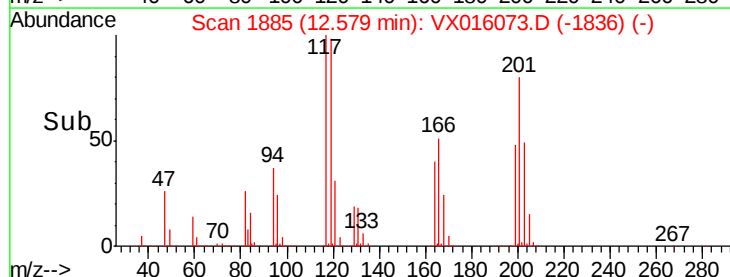
117 100

201 82.6 39.8 119.3

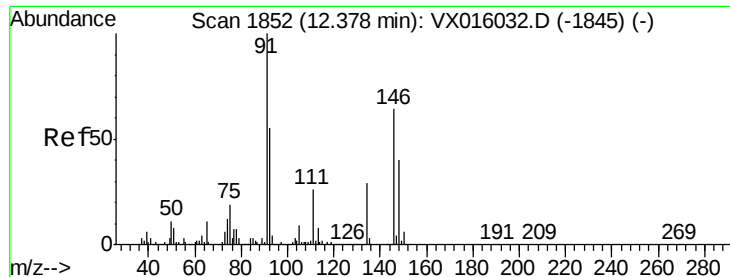


Abundance Ion 116.80 (116.50 to 117.50): VX016073.D (-1876) (-)

Ion 200.70 (200.40 to 201.40): VX016073.D (-1876) (-)



Time-->



#91

1,2-Dichlorobenzene

Concen: 48.075 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

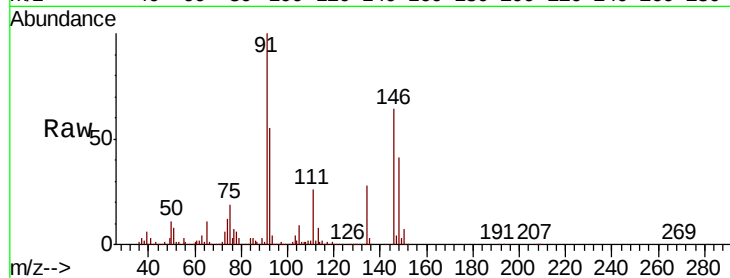
Tot Ion:146 Resp: 371657

Ion Ratio Lower Upper

146 100

111 42.0 21.1 63.1

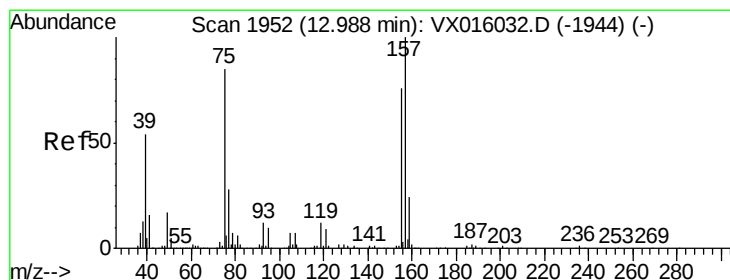
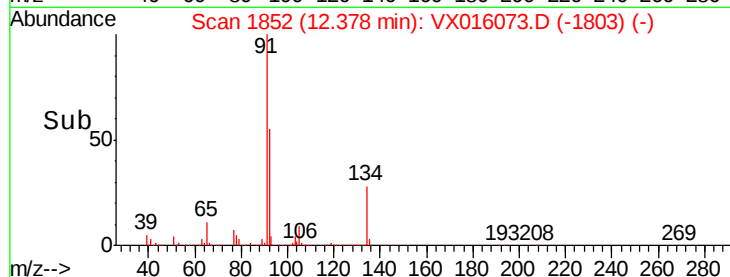
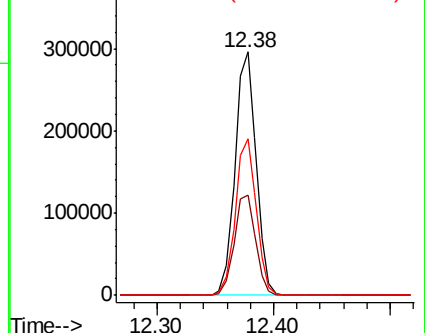
148 63.8 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.808 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

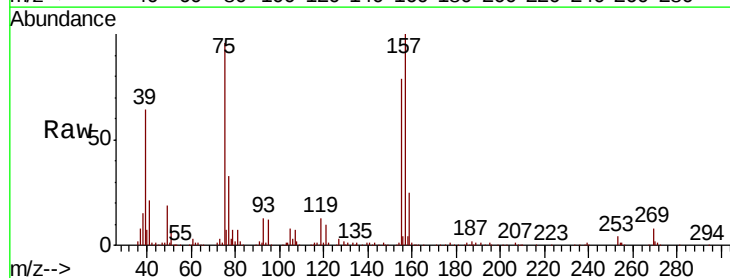
Tgt Ion: 75 Resp: 62402

Ion Ratio Lower Upper

75 100

155 87.9 42.5 127.5

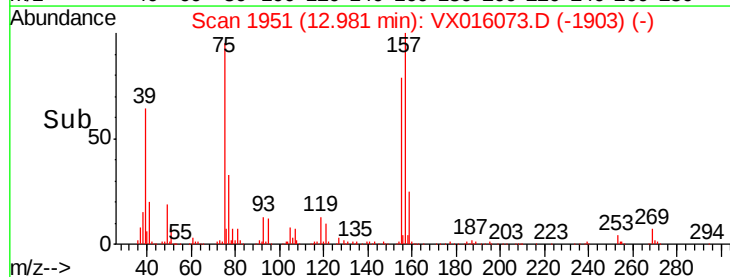
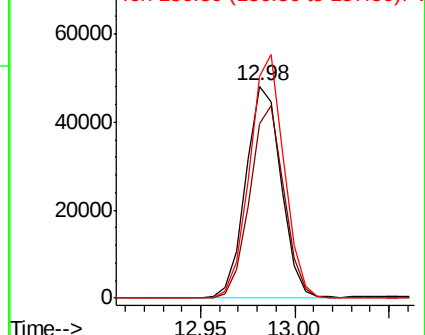
157 111.7 55.3 165.8

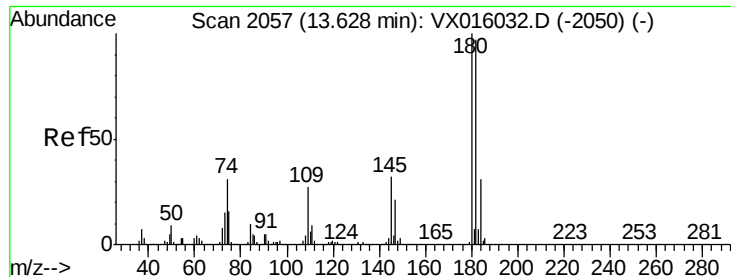


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

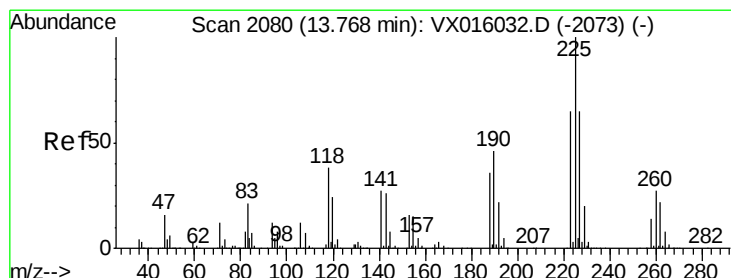
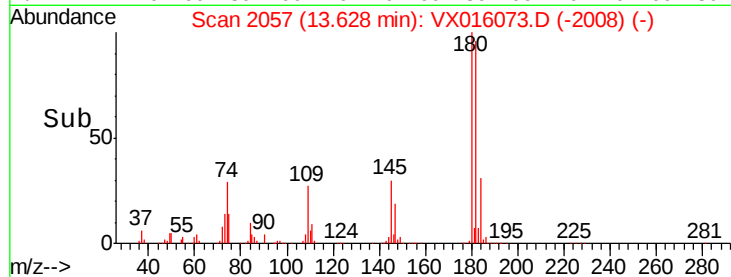
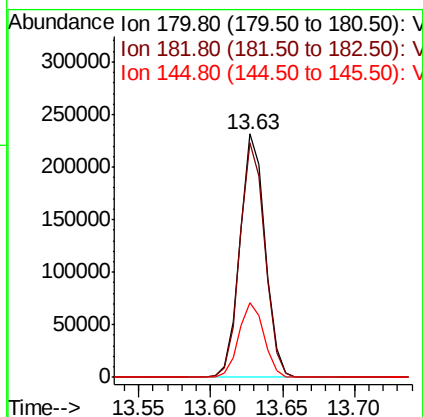
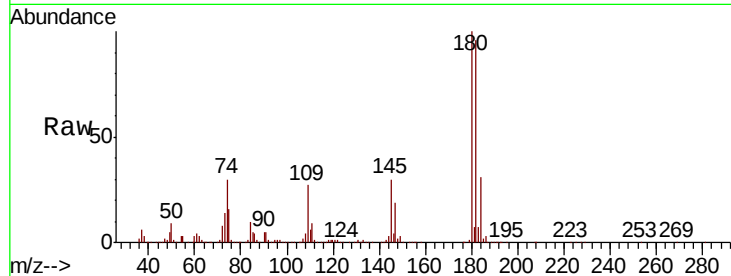




#93
 1,2,4-Trichlorobenzene
 Concen: 48.963 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

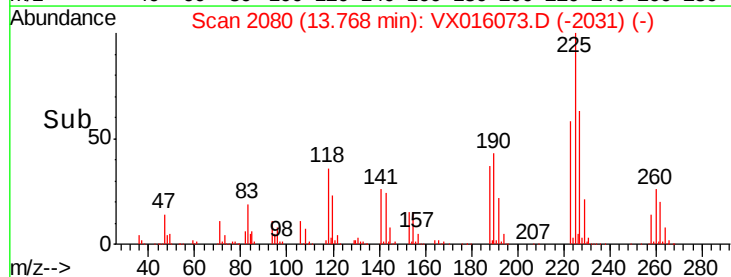
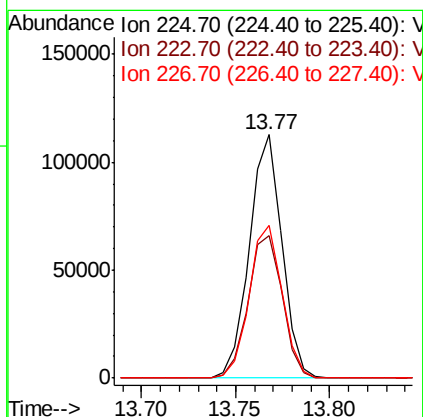
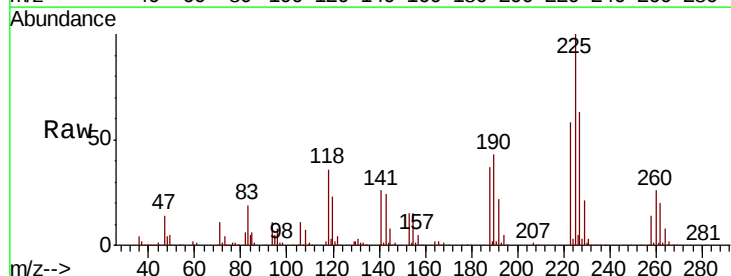
Instrument :
 MSVOA_X
 ClientSampleId :

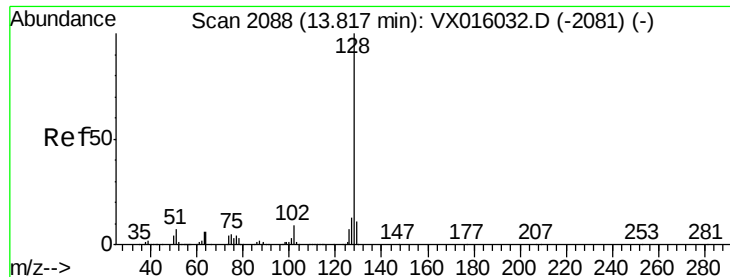
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.7	146.1
145	30.7	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 54.733 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	32.3	96.9
227	63.4	31.8	95.4

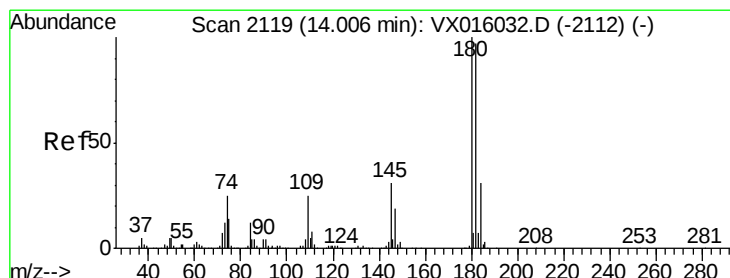
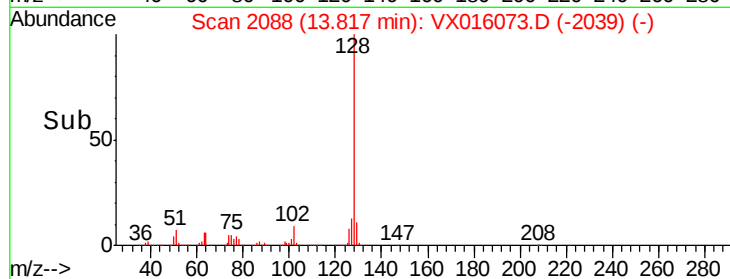
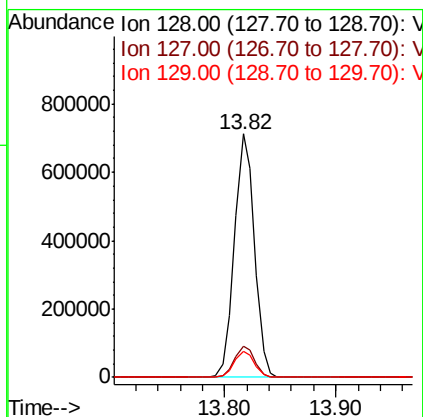
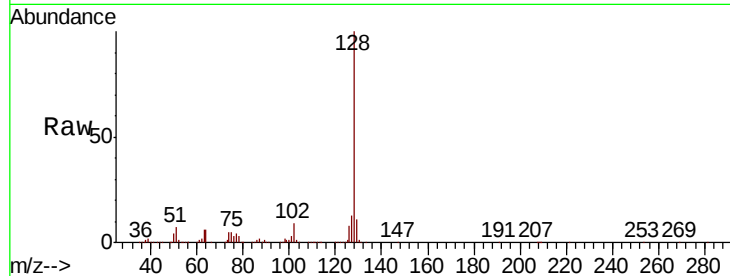




#95
Naphthalene
Concen: 47.773 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 885383
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.568 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion:180 Resp: 271679
Ion Ratio Lower Upper
180 100
182 96.8 48.4 145.0
145 32.7 16.4 49.1

