

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016572.D
 Acq On : 03 Jun 2020 17:28
 Operator : JC/SP
 Sample : L2867-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 08:26:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	248087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	389989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	367242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188716	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	150673	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
35) Dibromofluoromethane	5.47	113	121339	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
50) Toluene-d8	8.70	98	463364	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.12	95	179680	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	108039	44.252	ug/l	98
3) Chloromethane	1.31	50	127148	43.095	ug/l	100
4) Vinyl Chloride	1.39	62	147658	47.324	ug/l	99
5) Bromomethane	1.62	94	65977	43.490	ug/l	100
6) Chloroethane	1.70	64	89419	49.130	ug/l	99
7) Trichlorofluoromethane	1.91	101	201247	49.113	ug/l	100
8) Diethyl Ether	2.17	74	82269	48.149	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	103930	46.085	ug/l	99
10) Methyl Iodide	2.49	142	106043	40.008	ug/l	100
11) Tert butyl alcohol	3.02	59	186241	235.735	ug/l	100
12) 1,1-Dichloroethene	2.36	96	115451	48.364	ug/l	100
13) Acrolein	2.27	56	97990	291.572	ug/l	97
14) Allyl chloride	2.71	41	200742	45.726	ug/l	98
15) Acrylonitrile	3.12	53	395374	244.306	ug/l	99
16) Acetone	2.42	43	332162	246.079	ug/l	99
17) Carbon Disulfide	2.55	76	322472	45.490	ug/l	100
18) Methyl Acetate	2.75	43	166314	48.039	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	424592	49.533	ug/l	98
20) Methylene Chloride	2.83	84	134239	48.068	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	127449	48.268	ug/l	93
22) Diisopropyl ether	3.82	45	392348	46.523	ug/l	99
23) Vinyl Acetate	3.79	43	1720661	233.093	ug/l	97
24) 1,1-Dichloroethane	3.67	63	229659	48.248	ug/l	100
25) 2-Butanone	4.64	43	540636	236.373	ug/l	96
26) 2,2-Dichloropropane	4.55	77	192818	49.504	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	153546	50.266	ug/l	97
28) Bromochloromethane	4.98	49	99648	45.049	ug/l	91
29) Tetrahydrofuran	5.09	42	351581	237.932	ug/l	96
30) Chloroform	5.18	83	237437	49.506	ug/l	99
31) Cyclohexane	5.55	56	184253	43.027	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	215427	49.613	ug/l	98
36) 1,1-Dichloropropene	5.77	75	172210	46.638	ug/l	98
37) Ethyl Acetate	4.79	43	247105	55.741	ug/l	97
38) Carbon Tetrachloride	5.76	117	192376	49.576	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	183961	45.868	ug/l	97
40) Benzene	6.12	78	529639	48.167	ug/l	100
41) Methacrylonitrile	5.00	41	112992	46.403	ug/l	98
42) 1,2-Dichloroethane	6.17	62	191015	48.847	ug/l	99
43) Isopropyl Acetate	6.42	43	316205	45.729	ug/l	98
44) Trichloroethene	7.19	130	159770	45.795	ug/l	95
45) 1,2-Dichloropropane	7.49	63	135220	48.304	ug/l	99
46) Dibromomethane	7.64	93	92422	49.155	ug/l	98
47) Bromodichloromethane	7.88	83	194661	50.001	ug/l	99
48) Methyl methacrylate	7.74	41	155586	46.993	ug/l	97
49) 1,4-Dioxane	7.71	88	69508	897.088	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1035607	240.525	ug/l	98
52) Toluene	8.76	92	345737	49.861	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	226566	51.179	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	231849	49.480	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	138572	50.263	ug/l	97
56) Ethyl methacrylate	9.16	69	226063	50.348	ug/l	97
57) 1,3-Dichloropropane	9.35	76	236489	49.975	ug/l	99
59) 2-Hexanone	9.48	43	806181	240.774	ug/l	97
60) Dibromochloromethane	9.57	129	163172	52.593	ug/l	99
61) 1,2-Dibromoethane	9.65	107	150397	50.942	ug/l	99
64) Tetrachloroethene	9.32	164	167496	40.767	ug/l	97
65) Chlorobenzene	10.12	112	371891	49.671	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	145362	50.861	ug/l	99
67) Ethyl Benzene	10.24	91	657051	49.291	ug/l	99
68) m/p-Xylenes	10.34	106	497054	100.569	ug/l	100
69) o-Xylene	10.68	106	240108	50.163	ug/l	98
70) Stvrene	10.70	104	419397	50.976	ug/l	100
71) Bromoform	10.84	173	127207	52.665	ug/l #	100
73) Isopropylbenzene	11.00	105	637172	48.729	ug/l	100
74) N-amyl acetate	10.88	43	271053	45.067	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	185949	56.743	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	263105	63.428	ug/l	84
77) Bromobenzene	11.24	156	168806	49.221	ug/l	96
78) n-propylbenzene	11.35	91	714181	48.888	ug/l	100
79) 2-Chlorotoluene	11.40	91	434015	48.673	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	541577	49.604	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	78676	46.656	ug/l	98
82) 4-Chlorotoluene	11.49	91	510085	48.441	ug/l	99
83) tert-Butylbenzene	11.76	119	493973	52.950	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	552728	50.059	ug/l	100
85) sec-Butylbenzene	11.93	105	591443	50.538	ug/l	100
86) p-Isopropyltoluene	12.05	119	558959	50.988	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	296886	49.967	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	289704	47.674	ug/l	98
89) n-Butylbenzene	12.37	91	468585	51.318	ug/l	99
90) Hexachloroethane	12.58	117	96348	50.882	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	283062	49.173	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51810	48.810	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	202501	52.968	ug/l	99

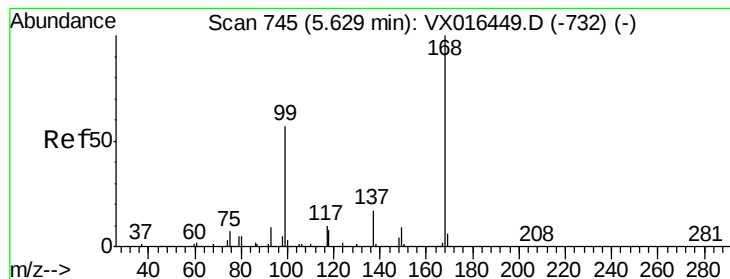
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	82091	54.690	ug/l	100
95) Naphthalene	13.82	128	672494	51.312	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	199892	53.369	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

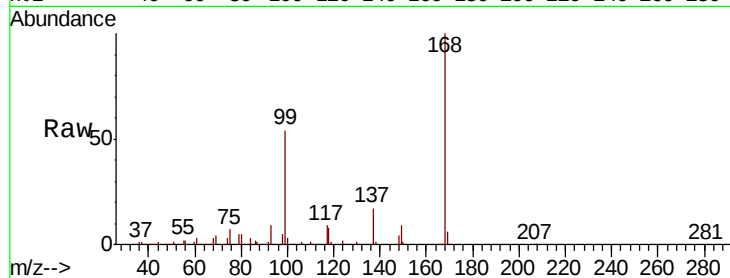
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 248087

Ion Ratio Lower Upper

168 100

99 53.8 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

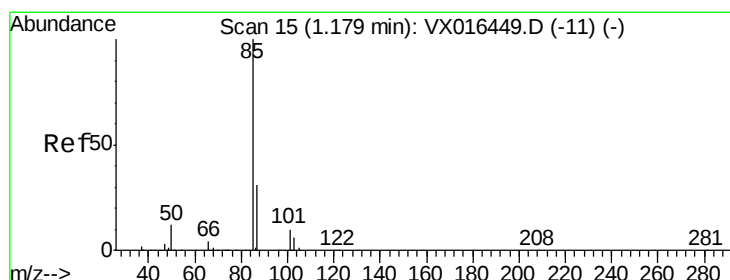
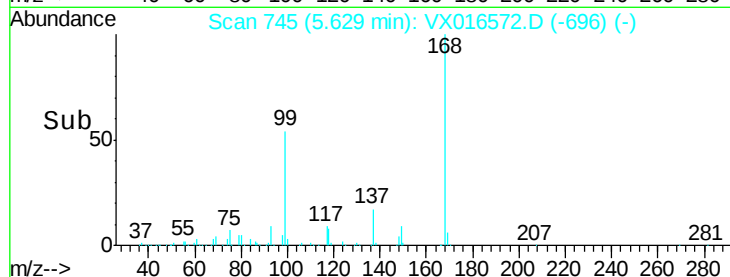
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.252 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016572.D

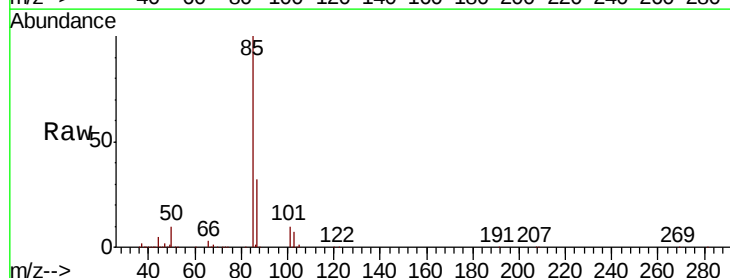
Acq: 03 Jun 2020 17:28

Tgt Ion: 85 Resp: 108039

Ion Ratio Lower Upper

85 100

87 31.9 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

120000

100000

80000

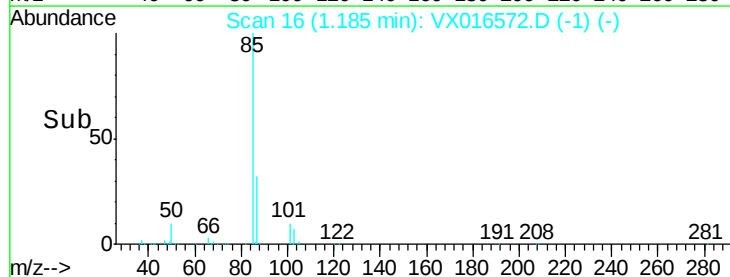
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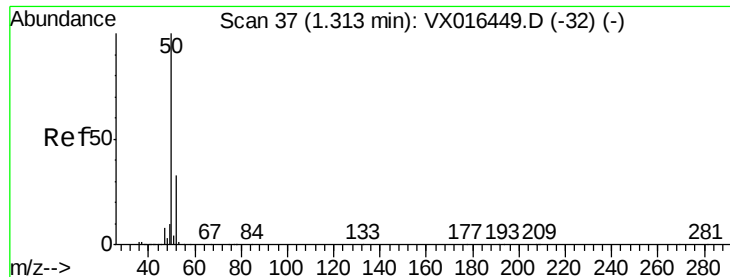
40000

20000

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Time-->





#3

Chloromethane

Concen: 43.095 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

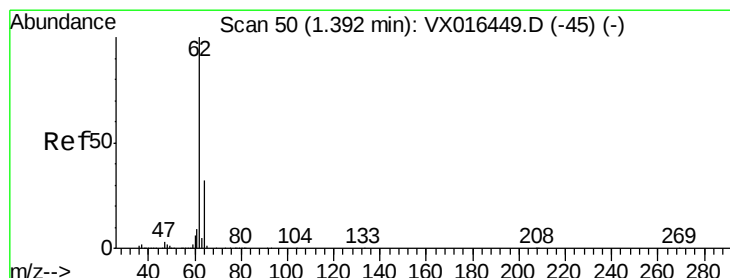
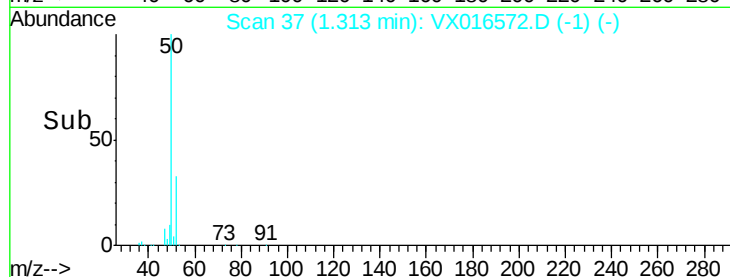
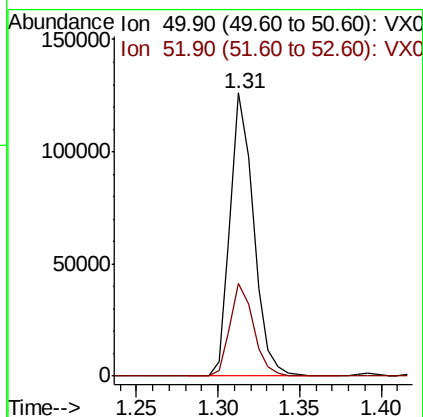
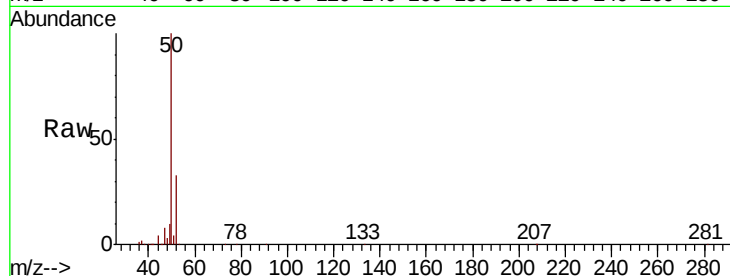
ClientSampleId :

Tot Ion: 50 Resp: 127148

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 47.324 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016572.D

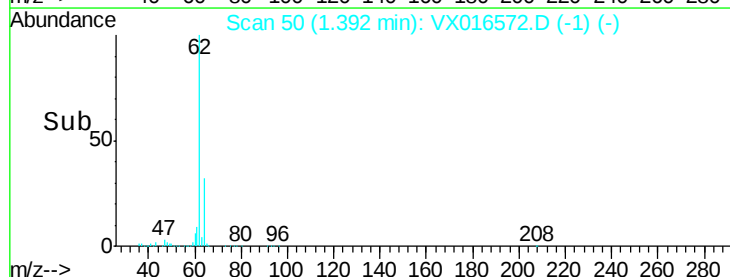
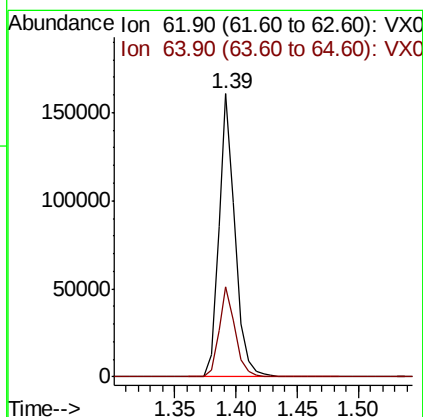
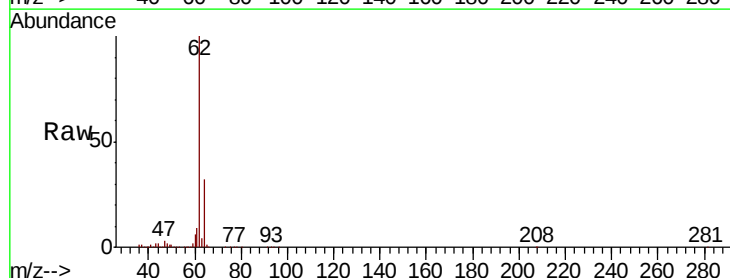
Acq: 03 Jun 2020 17:28

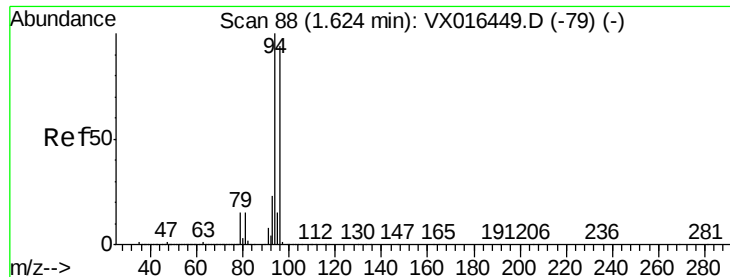
Tgt Ion: 62 Resp: 147658

Ion Ratio Lower Upper

62 100

64 31.9 25.9 38.9





#5

Bromomethane

Concen: 43.490 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

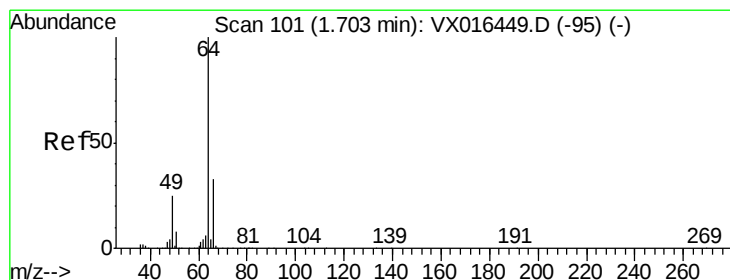
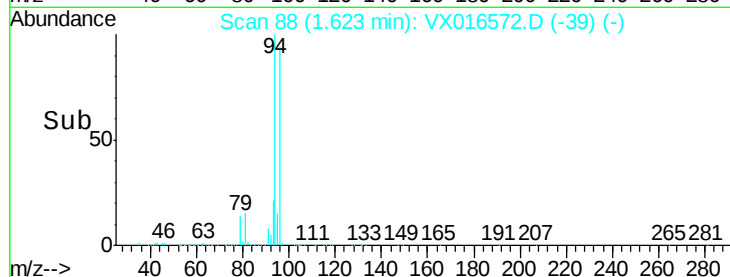
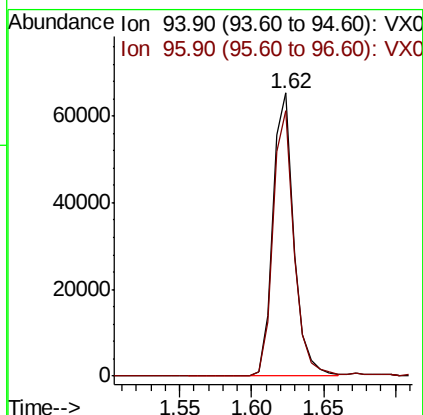
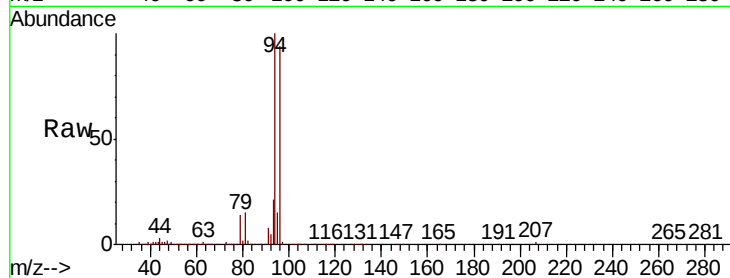
ClientSampleId :

Tot Ion: 94 Resp: 65977

Ion Ratio Lower Upper

94 100

96 93.9 75.1 112.7



#6

Chloroethane

Concen: 49.130 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016572.D

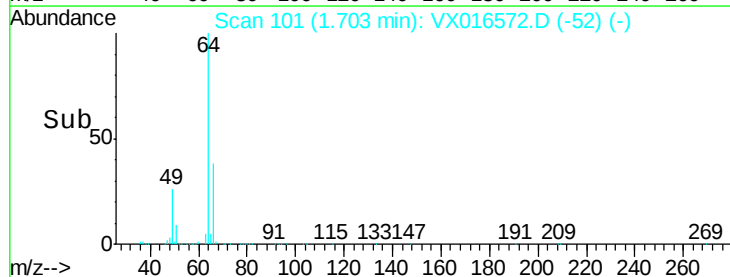
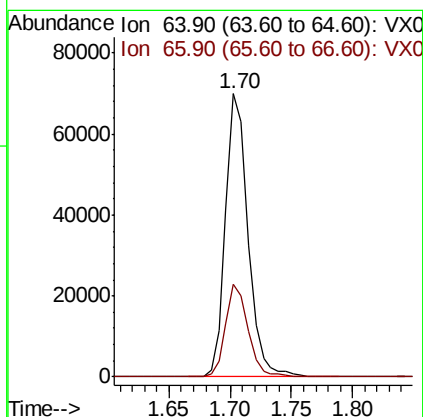
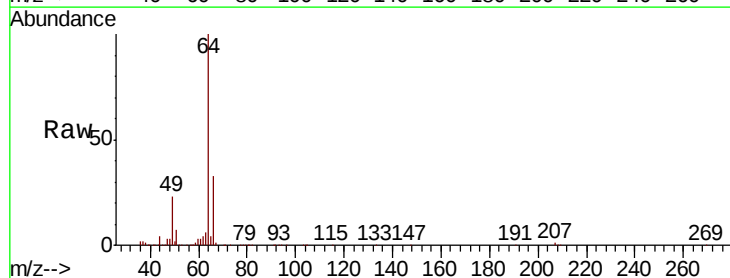
Acq: 03 Jun 2020 17:28

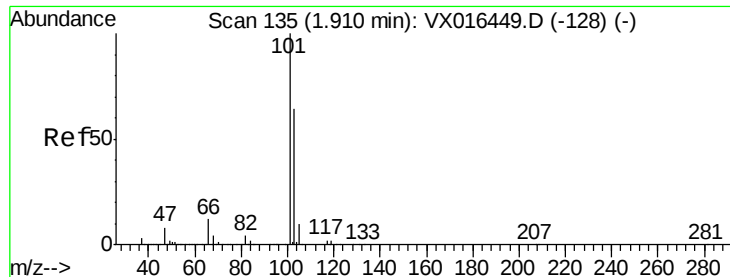
Tgt Ion: 64 Resp: 89419

Ion Ratio Lower Upper

64 100

66 32.7 26.7 40.1



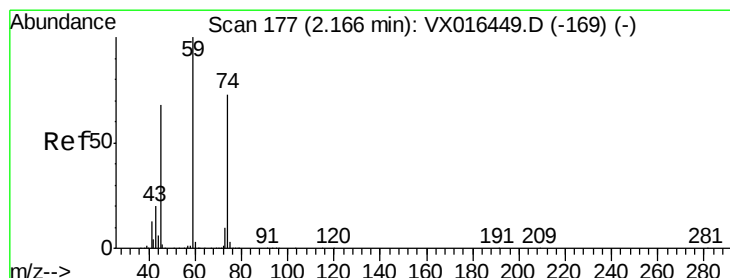
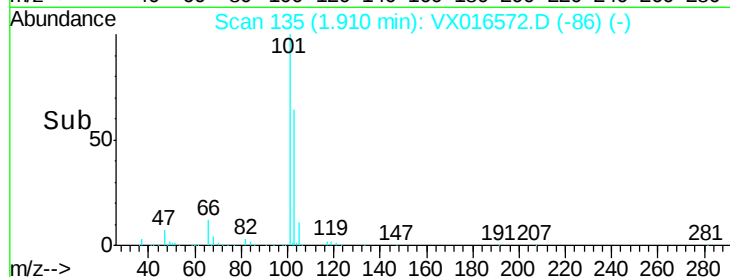
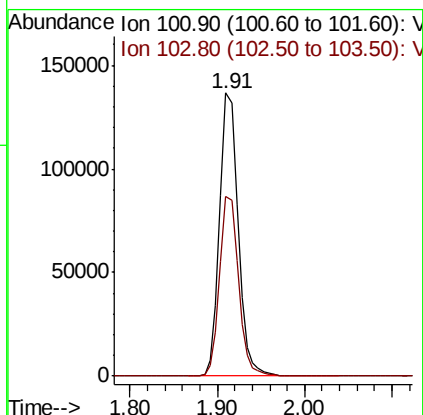
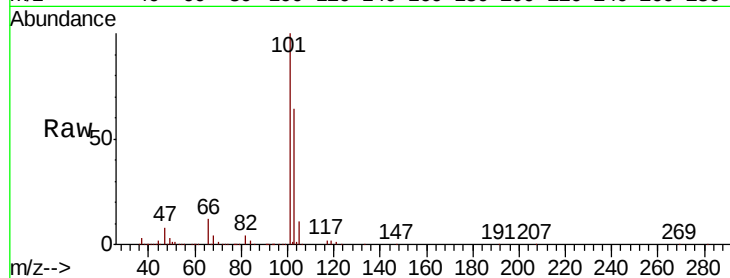


#7

Trichlorofluoromethane
Concen: 49.113 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampled :

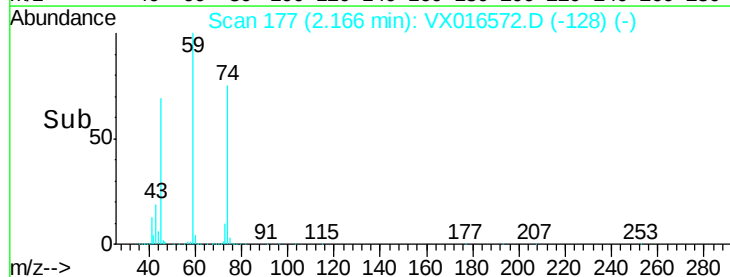
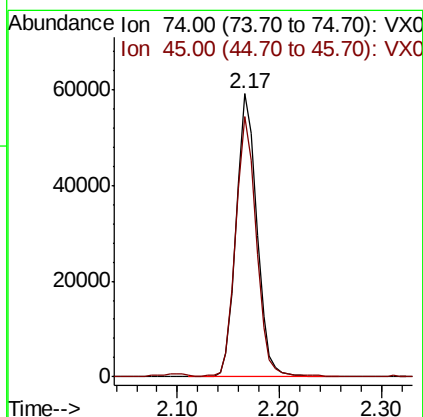
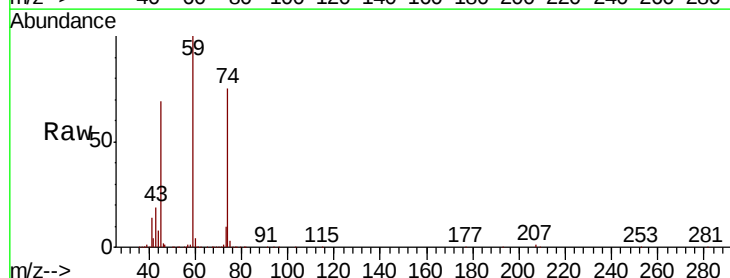
Tot Ion:101 Resp: 201247
Ion Ratio Lower Upper
101 100
103 63.6 50.9 76.3

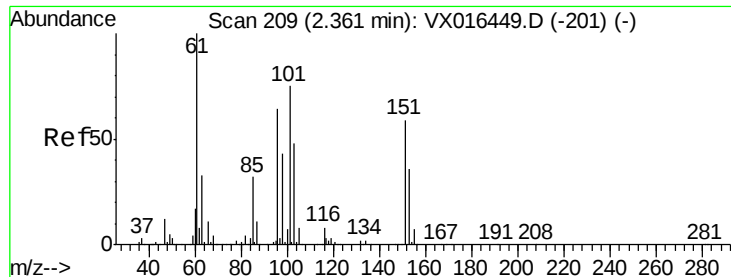


#8

Diethyl Ether
Concen: 48.149 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion: 74 Resp: 82269
Ion Ratio Lower Upper
74 100
45 91.6 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.085 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

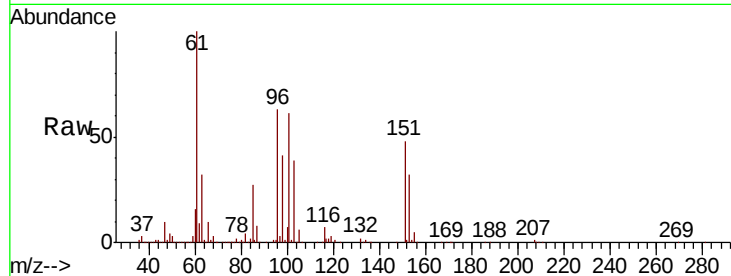
Tot Ion:101 Resp: 103930

Ion Ratio Lower Upper

101 100

85 42.7 34.4 51.6

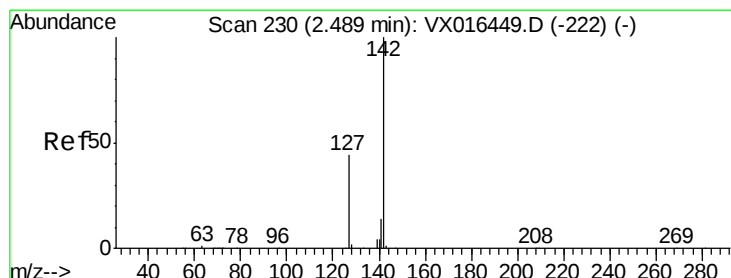
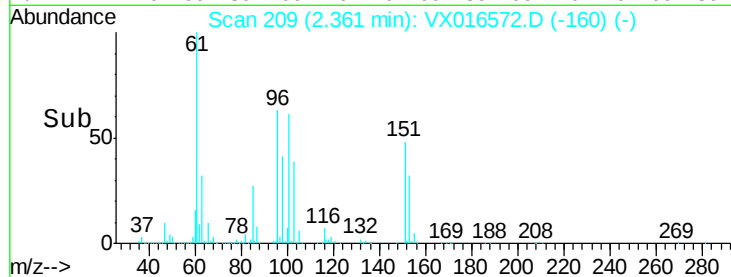
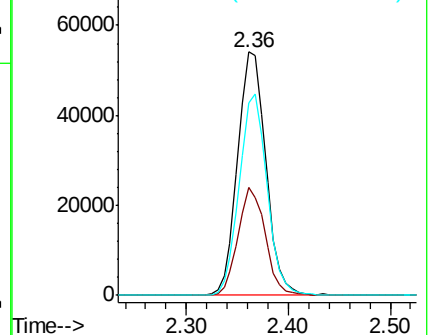
151 81.4 63.8 95.6



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: 40.008 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

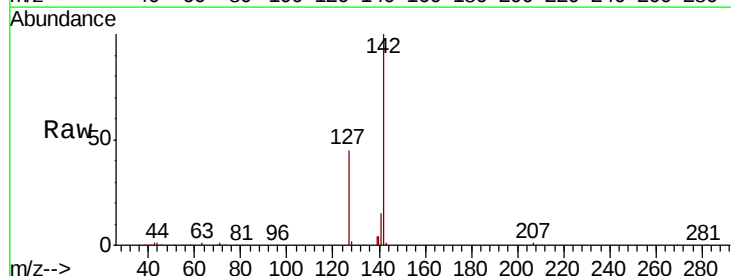
Tgt Ion:142 Resp: 106043

Ion Ratio Lower Upper

142 100

127 43.7 35.3 52.9

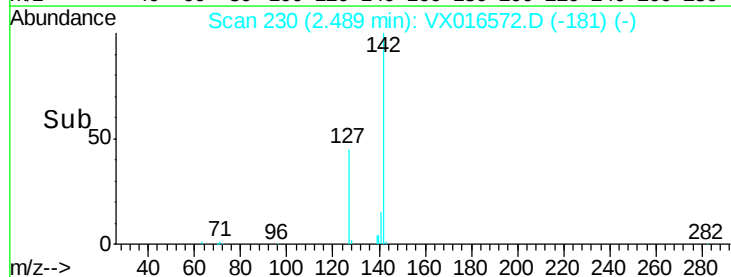
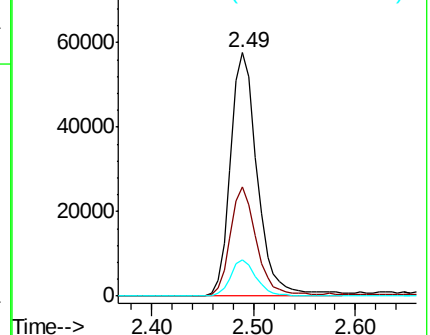
141 14.4 11.4 17.2

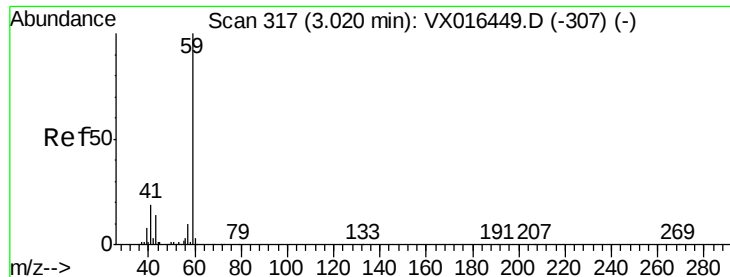


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

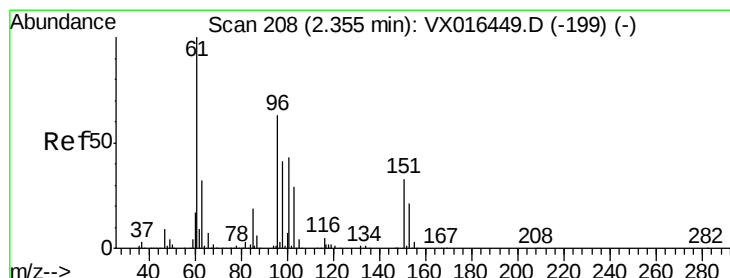
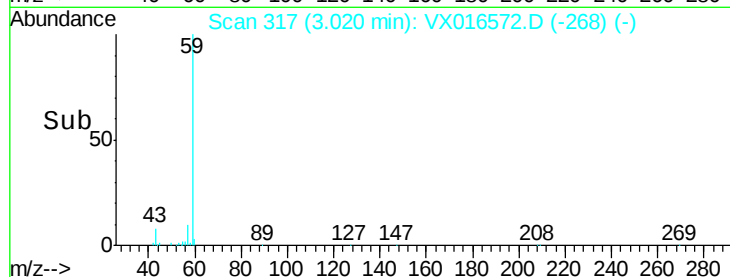
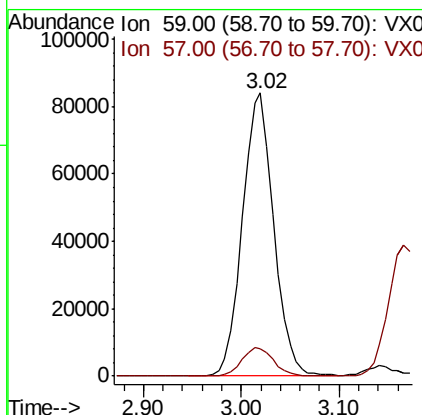
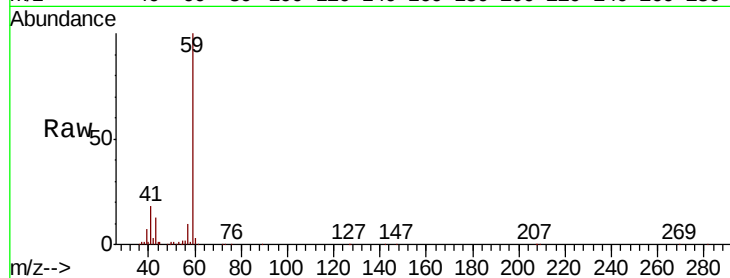




#11
Tert butyl alcohol
Concen: 235.735 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

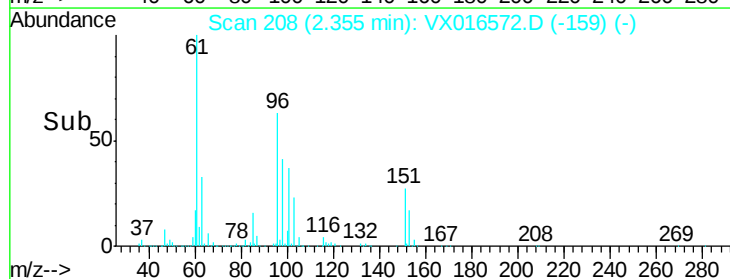
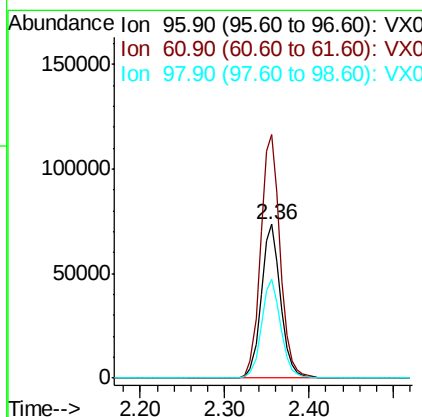
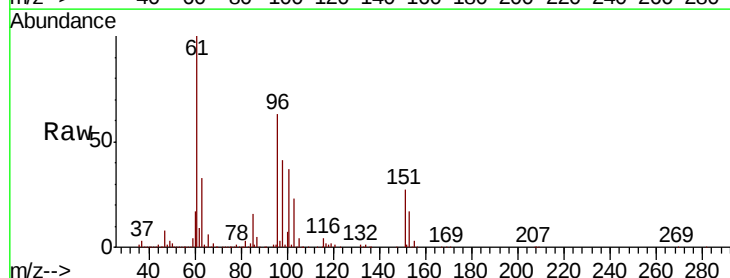
Instrument :
MSVOA_X
ClientSampleId :

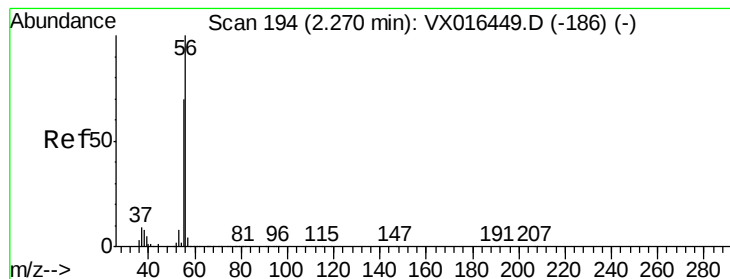
Tot Ion: 59 Resp: 186241
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.364 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion: 96 Resp: 115451
Ion Ratio Lower Upper
96 100
61 158.3 126.6 189.8
98 64.5 51.3 76.9





#13

Acrolein

Concen: 291.572 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

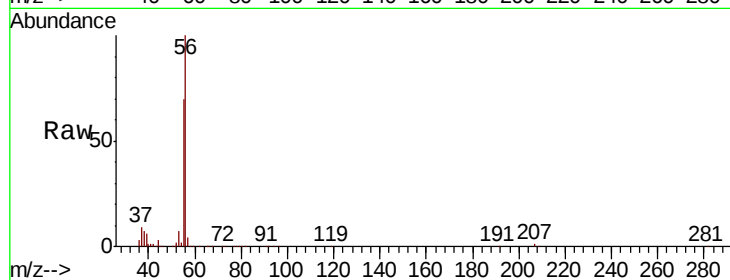
ClientSampleId :

Tot Ion: 56 Resp: 97990

Ion Ratio Lower Upper

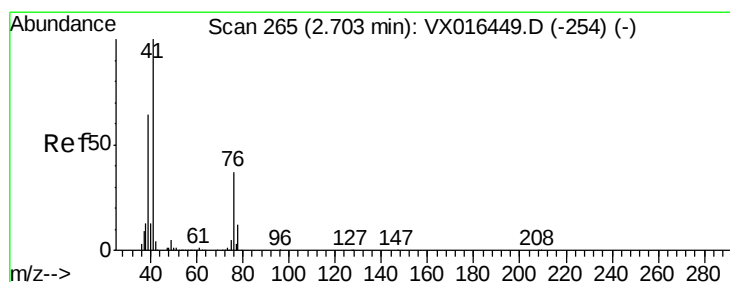
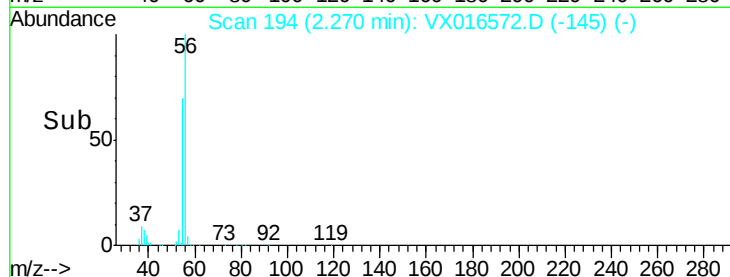
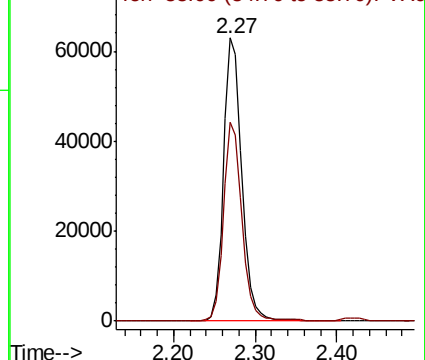
56 100

55 70.1 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.726 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

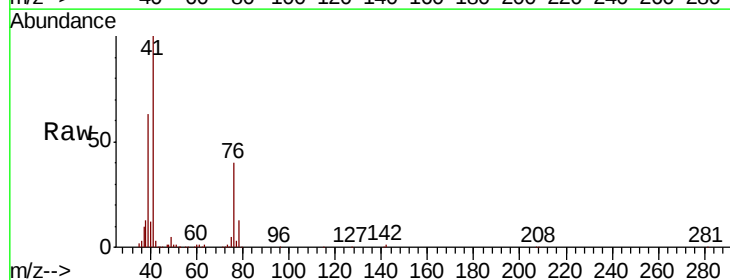
Tgt Ion: 41 Resp: 200742

Ion Ratio Lower Upper

41 100

39 59.8 47.7 71.5

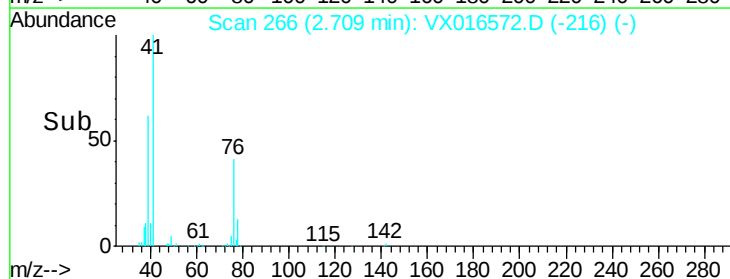
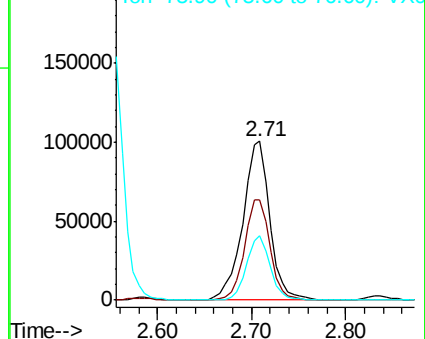
76 35.5 26.6 40.0

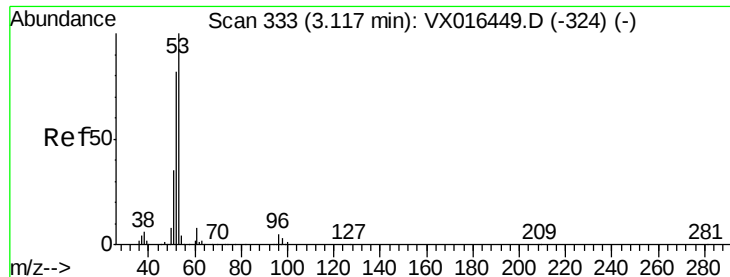


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

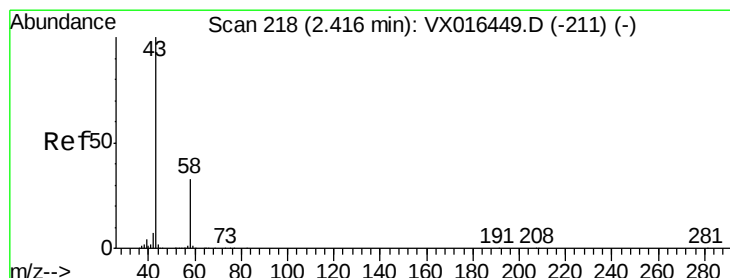
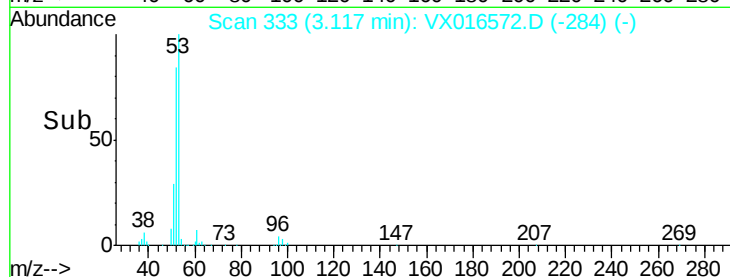
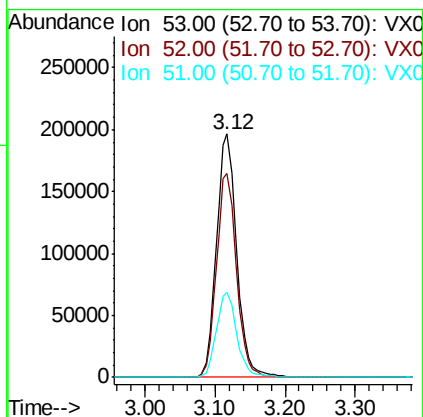
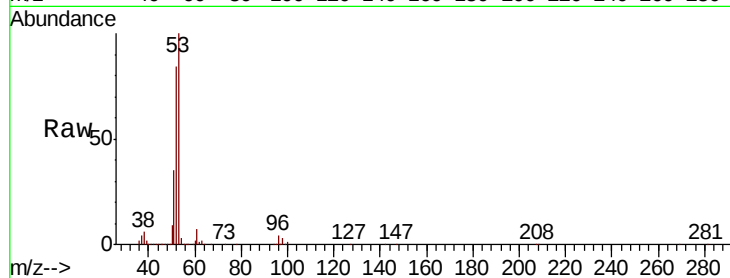




#15
 Acrylonitrile
 Concen: 244.306 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

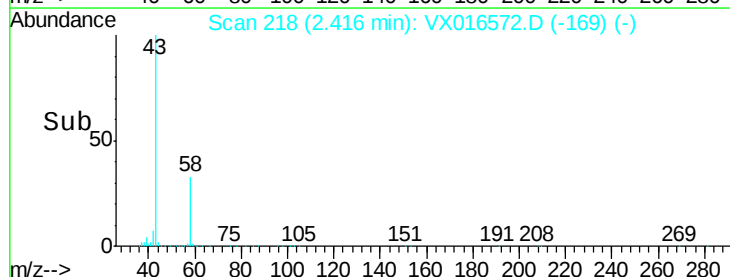
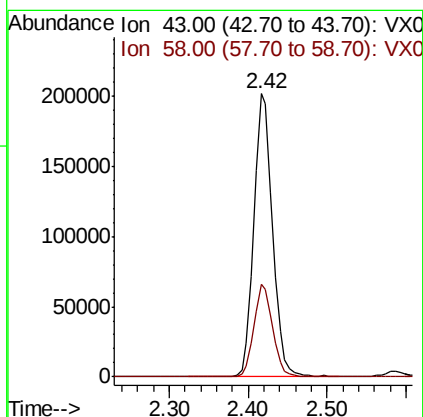
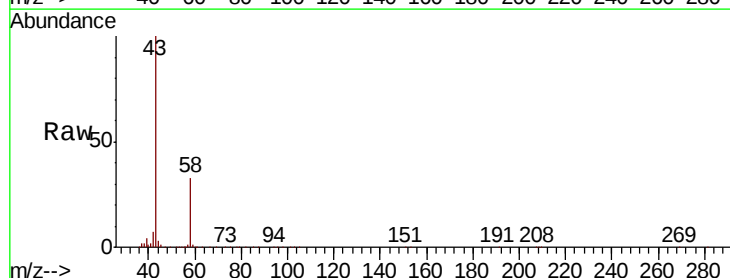
Instrument :
 MSVOA_X
 ClientSampled :

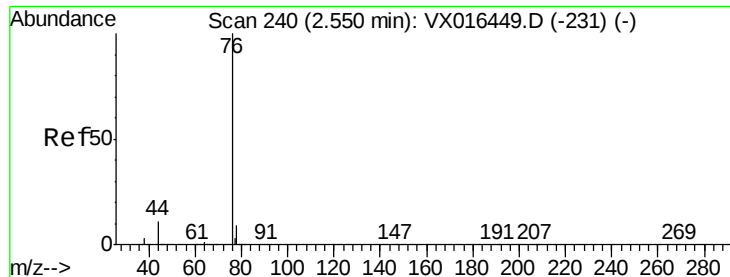
Tot Ion: 53 Resp: 395374
 Ion Ratio Lower Upper
 53 100
 52 82.9 66.7 100.1
 51 35.5 28.6 43.0



#16
 Acetone
 Concen: 246.079 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion: 43 Resp: 332162
 Ion Ratio Lower Upper
 43 100
 58 32.9 26.1 39.1

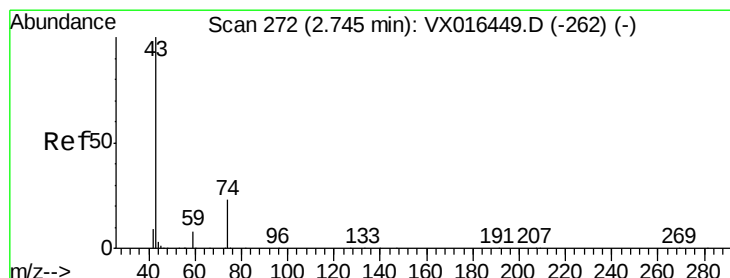
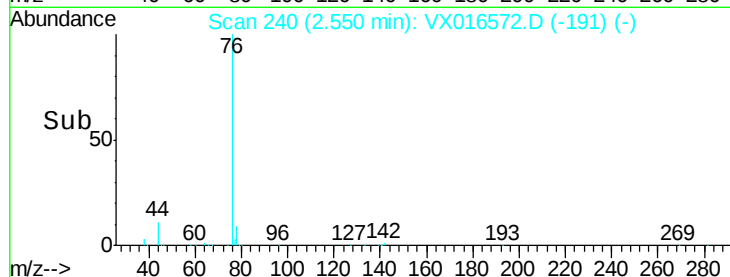
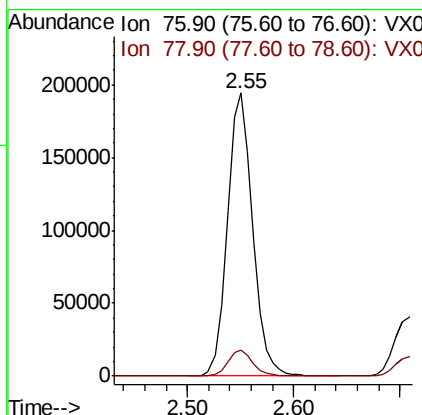
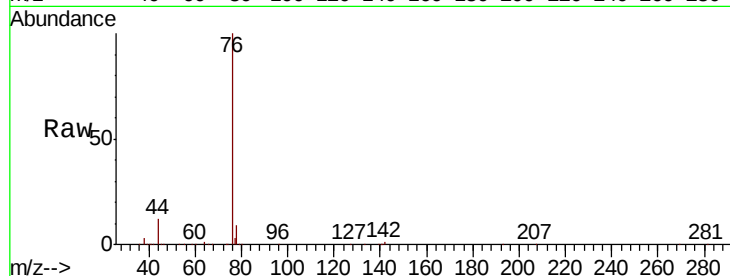




#17
Carbon Disulfide
Concen: 45.490 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

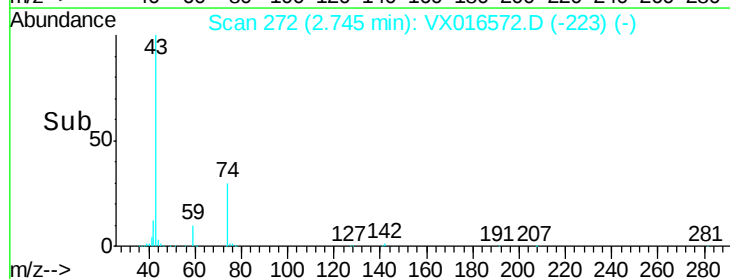
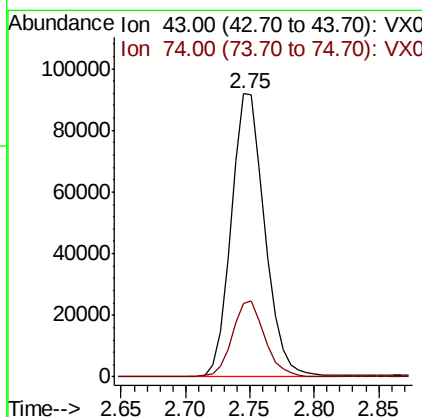
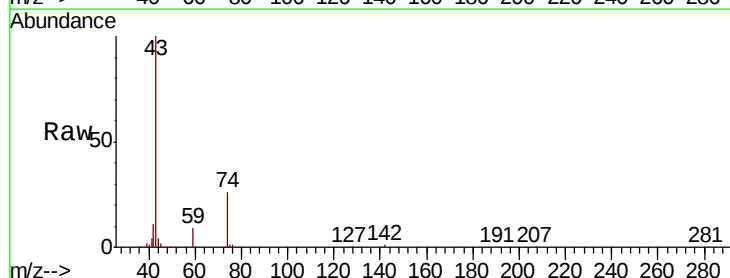
Instrument :
MSVOA_X
ClientSampleId :

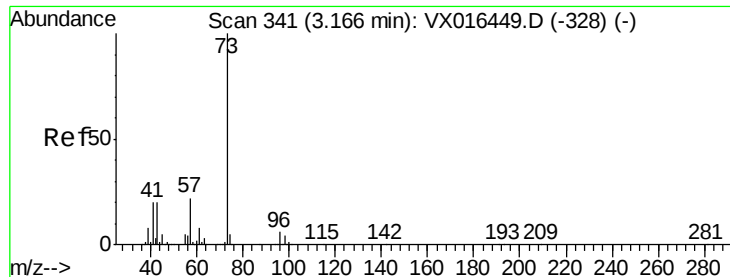
Tot Ion: 76 Resp: 322472
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 48.039 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion: 43 Resp: 166314
Ion Ratio Lower Upper
43 100
74 26.4 19.7 29.5



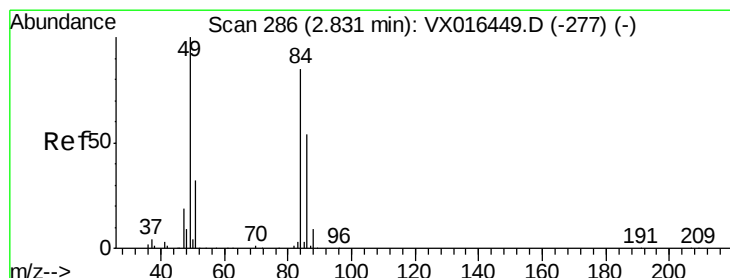
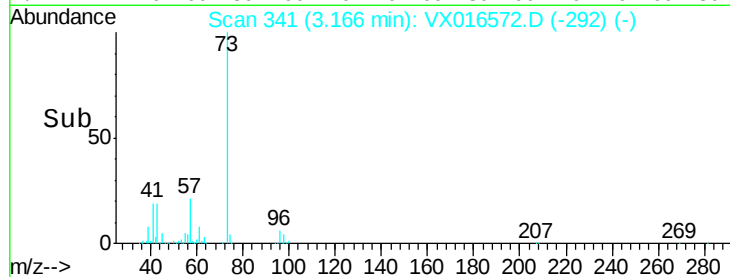
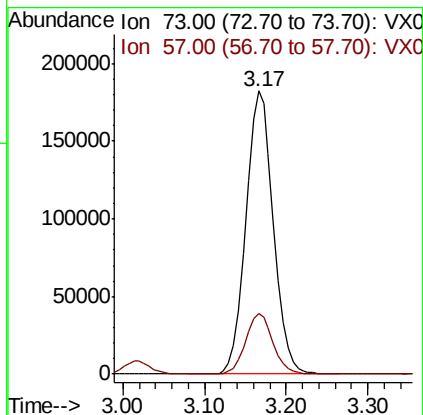
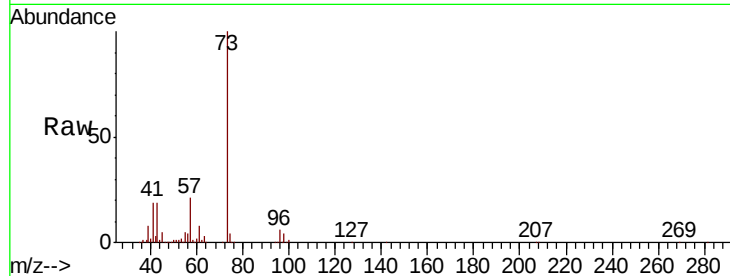


#19

Methyl tert-butyl Ether
Concen: 49.533 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :

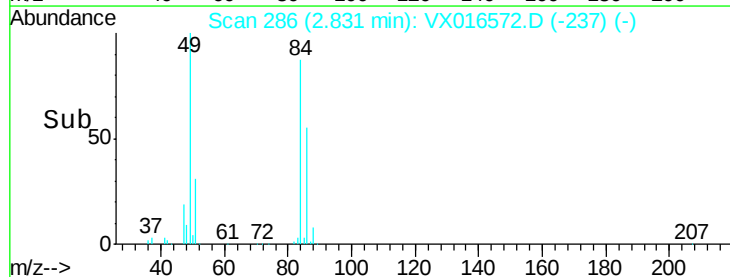
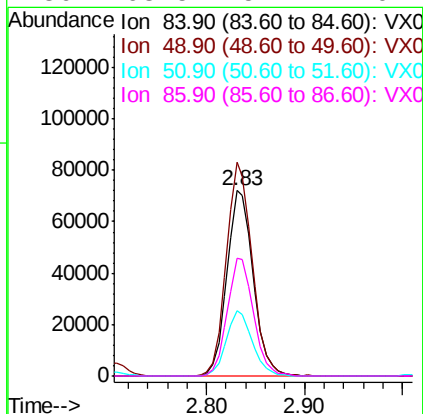
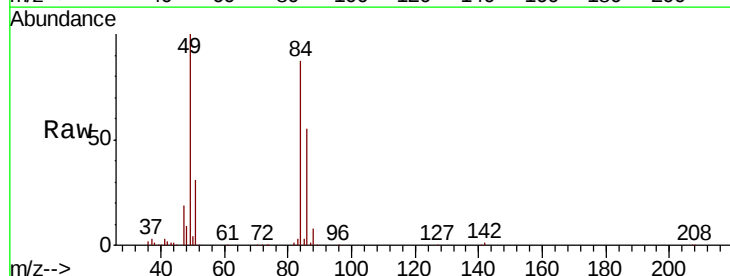
Tot Ion: 73 Resp: 424592
Ion Ratio Lower Upper
73 100
57 21.4 17.8 26.6

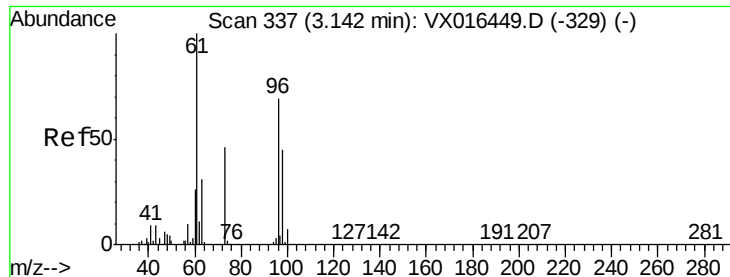


#20

Methylene Chloride
Concen: 48.068 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion: 84 Resp: 134239
Ion Ratio Lower Upper
84 100
49 115.3 94.5 141.7
51 35.3 30.2 45.4
86 63.5 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.268 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :

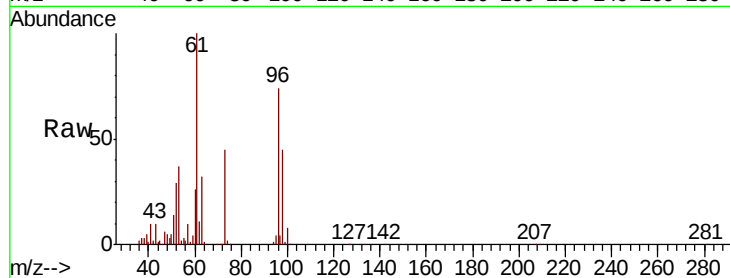
Tot Ion: 96 Resp: 127449

Ion Ratio Lower Upper

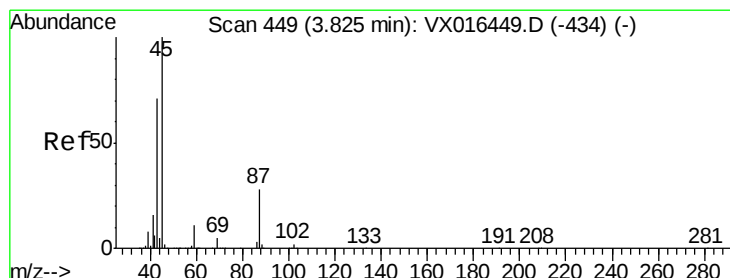
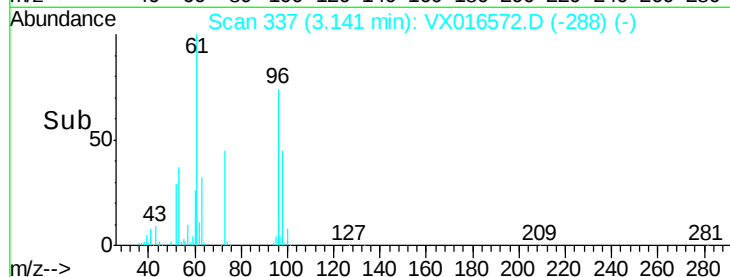
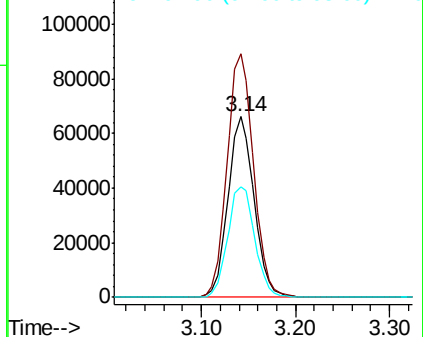
96 100

61 134.6 115.3 172.9

98 60.9 51.9 77.9



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: 46.523 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Tgt Ion: 45 Resp: 392348

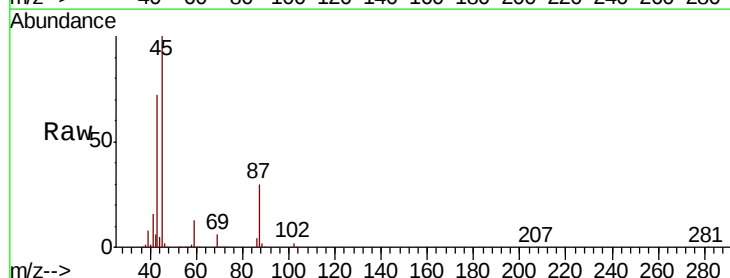
Ion Ratio Lower Upper

45 100

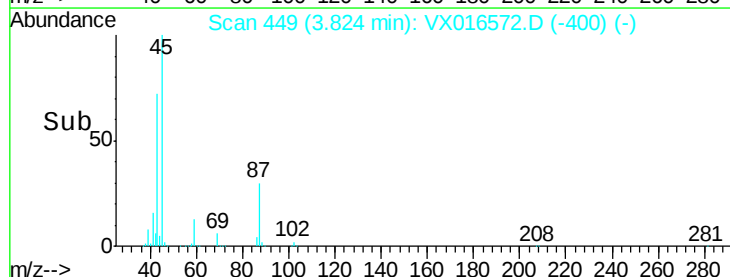
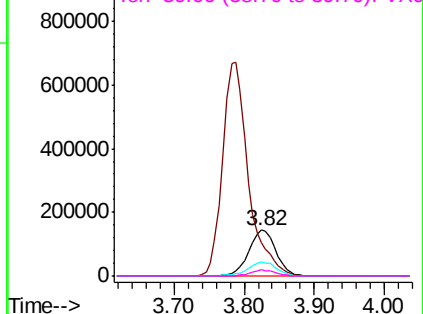
43 71.6 57.0 85.6

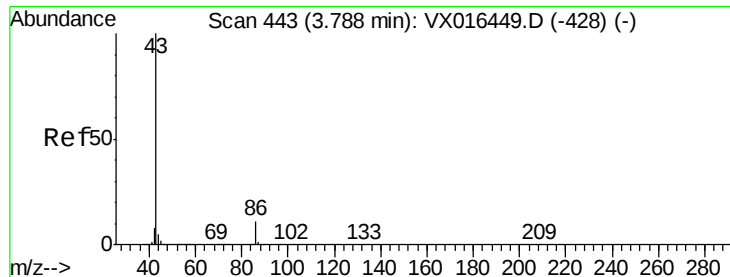
87 29.7 22.5 33.7

59 12.7 9.1 13.7



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

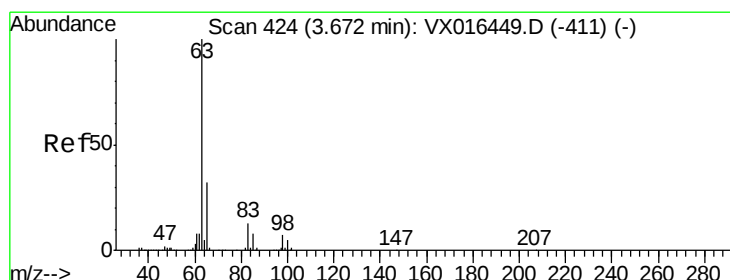
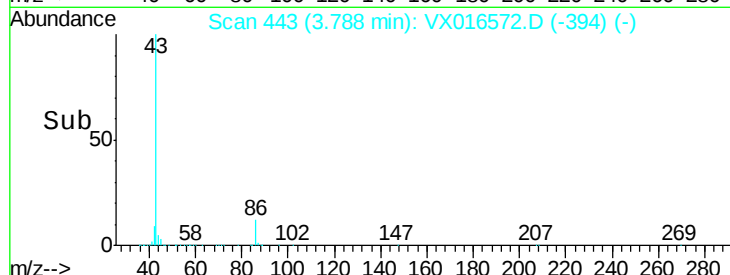
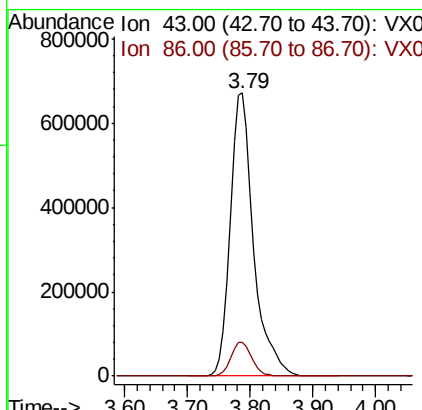
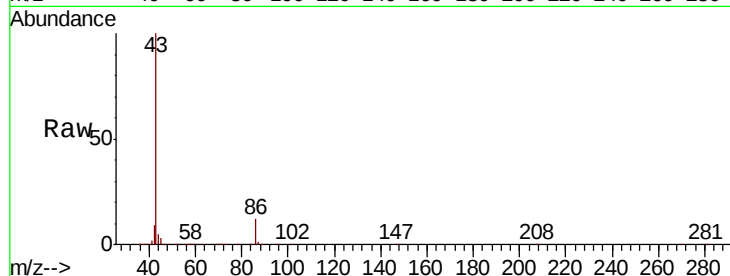




#23
 Vinyl Acetate
 Concen: 233.093 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

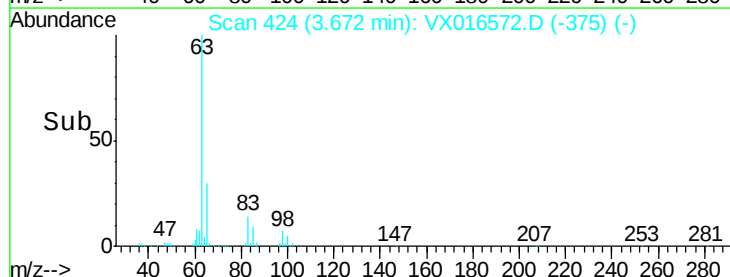
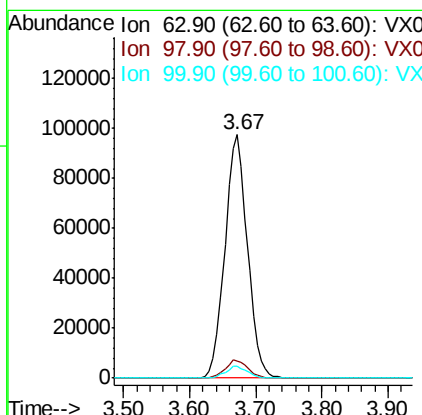
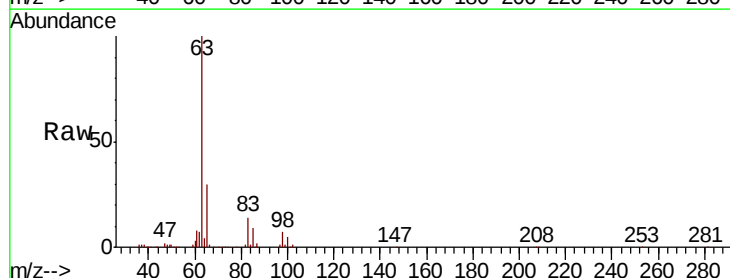
Instrument :
 MSVOA_X
 ClientSampleId :

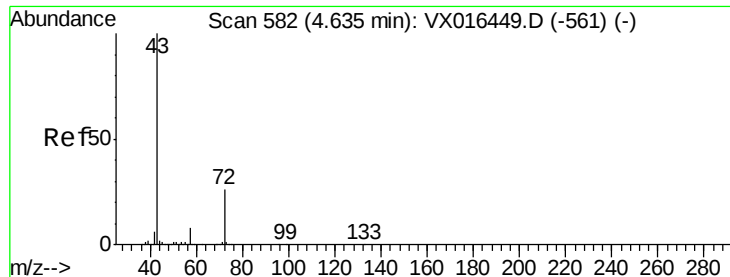
Tot Ion: 43 Resp: 1720661
 Ion Ratio Lower Upper
 43 100
 86 12.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 48.248 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion: 63 Resp: 229659
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.8 2.4 7.1





#25

2-Butanone

Concen: 236.373 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

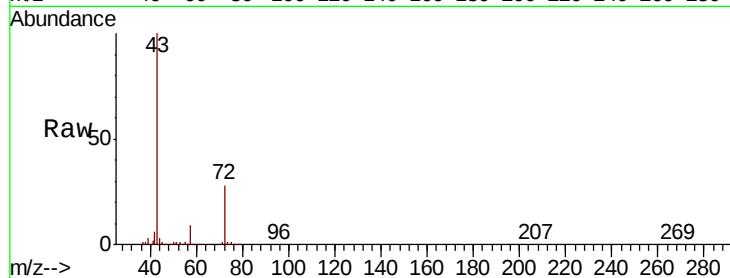
ClientSampleId :

Tot Ion: 43 Resp: 540636

Ion Ratio Lower Upper

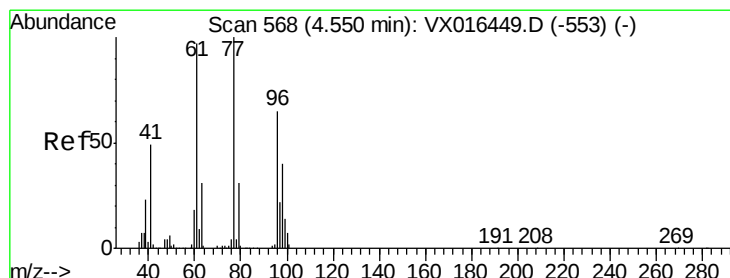
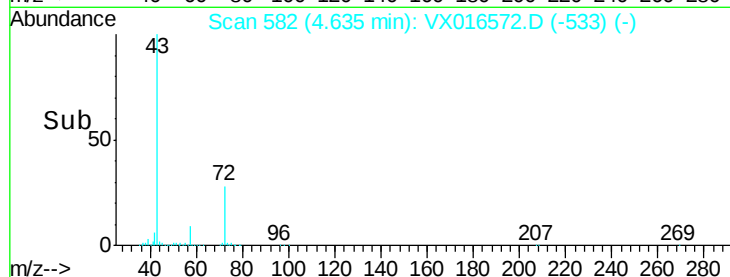
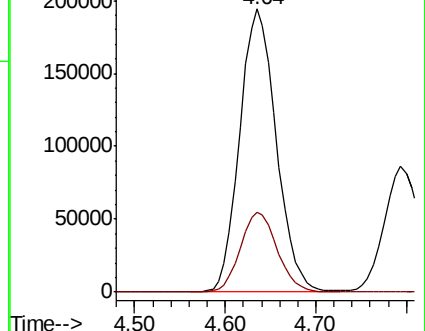
43 100

72 28.2 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.504 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016572.D

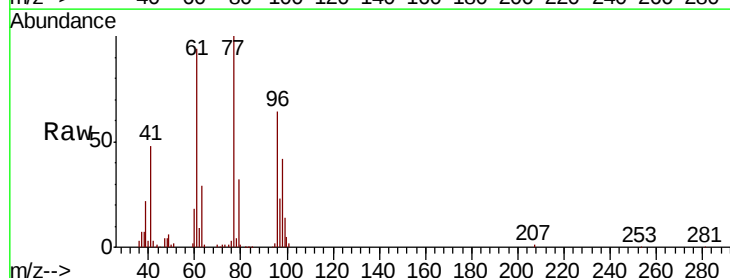
Acq: 03 Jun 2020 17:28

Tgt Ion: 77 Resp: 192818

Ion Ratio Lower Upper

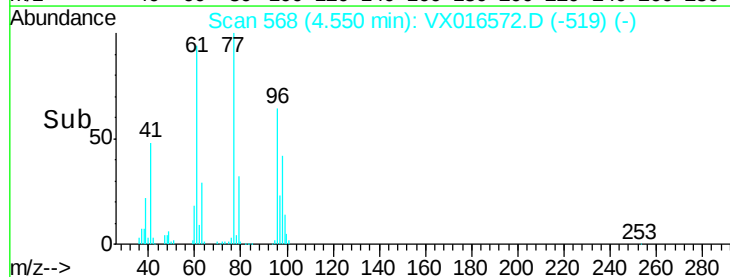
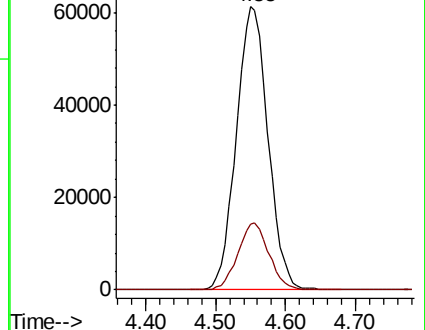
77 100

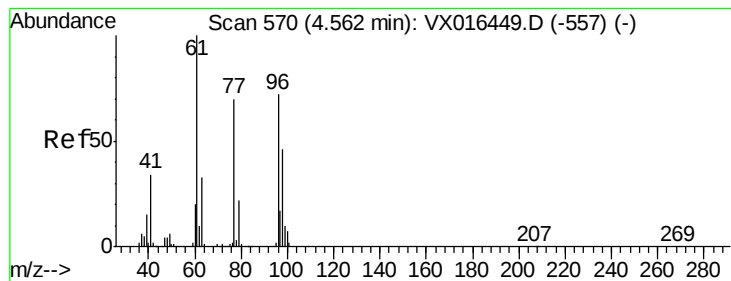
97 23.2 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



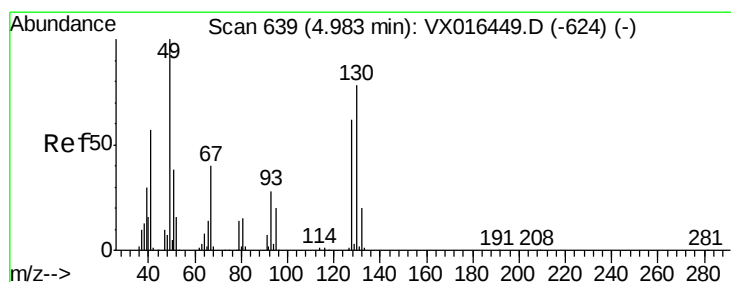
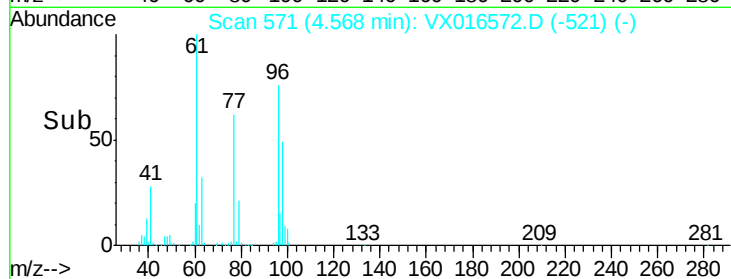
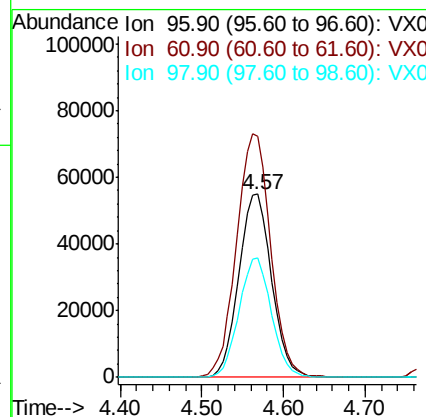
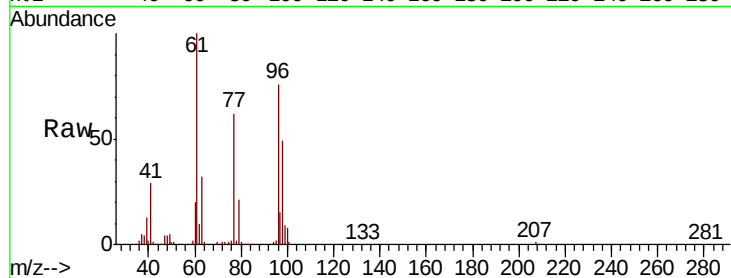


#27

cis-1,2-Dichloroethene
 Concen: 50.266 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :

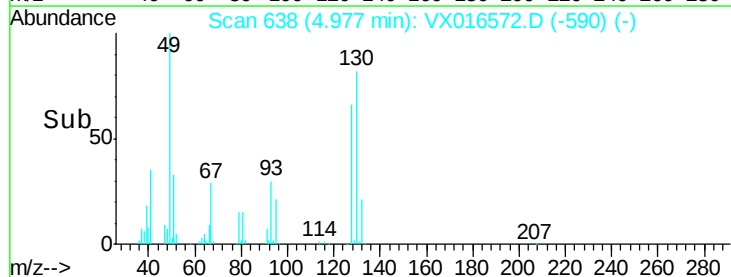
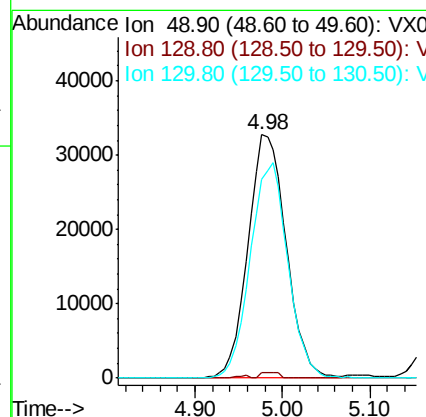
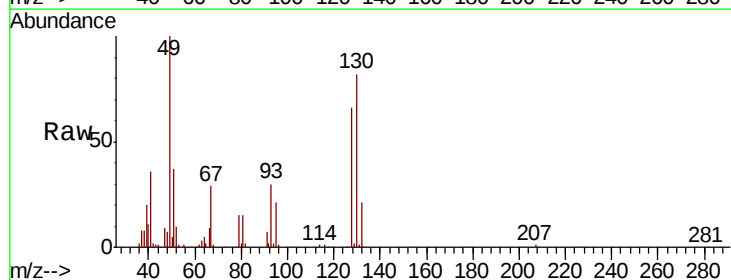
Tot Ion	96	Resp	153546
Ion	Ratio	Lower	Upper
96	100		
61	138.1	0.0	284.6
98	64.4	0.0	127.2

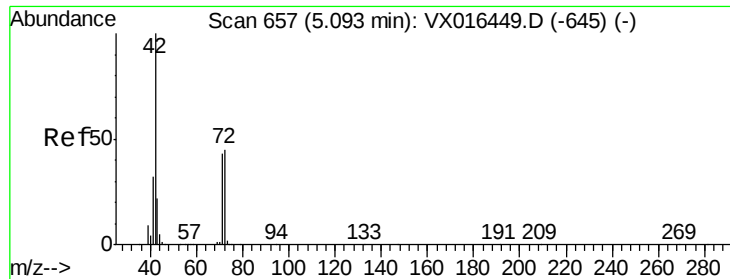


#28

Bromochloromethane
 Concen: 45.049 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion	49	Resp	99648
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.0
130	86.9	63.0	94.4





#29

Tetrahydrofuran

Concen: 237.932 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

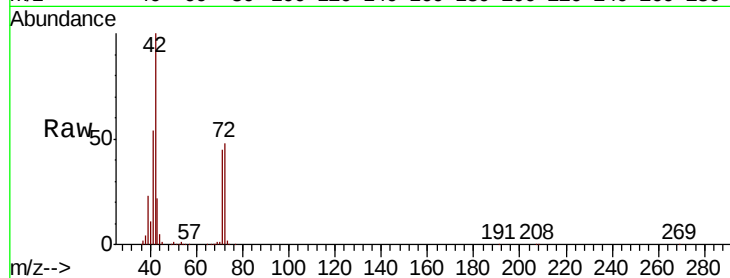
Tot Ion: 42 Resp: 351581

Ion Ratio Lower Upper

42 100

72 49.0 37.0 55.4

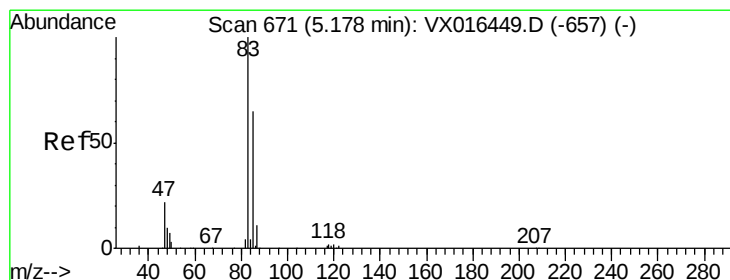
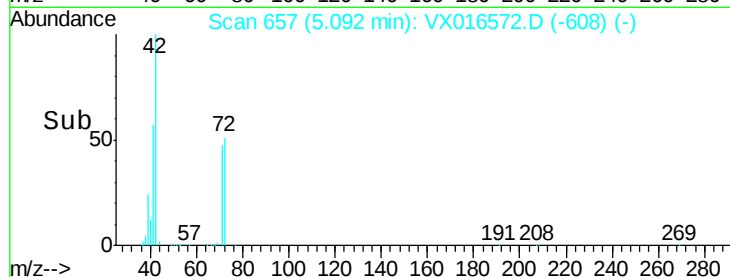
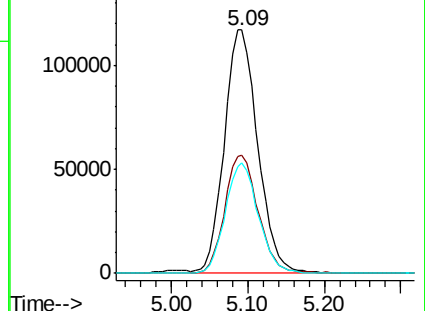
71 45.1 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.506 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016572.D

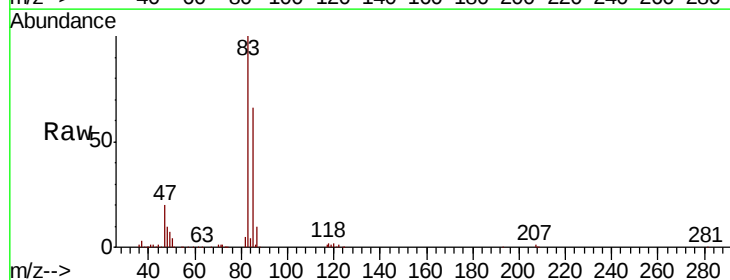
Acq: 03 Jun 2020 17:28

Tgt Ion: 83 Resp: 237437

Ion Ratio Lower Upper

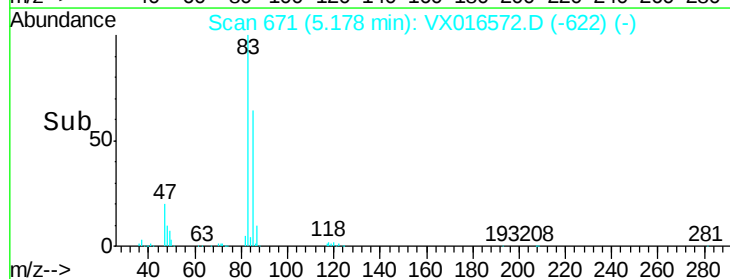
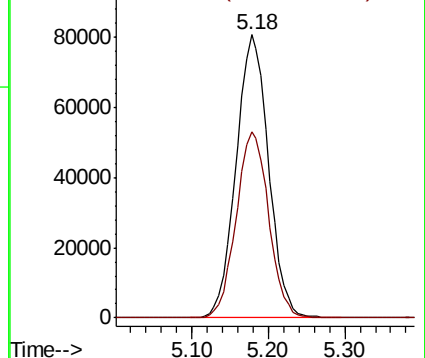
83 100

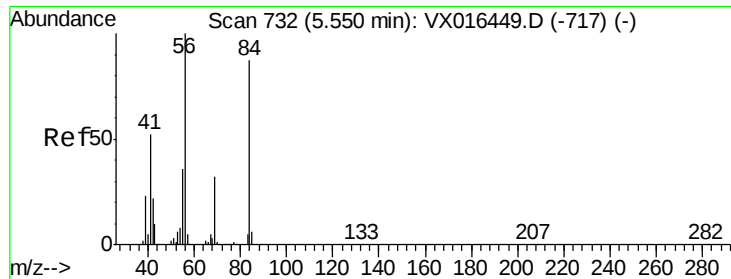
85 65.7 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

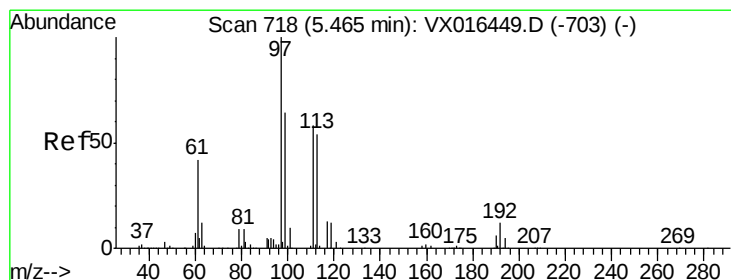
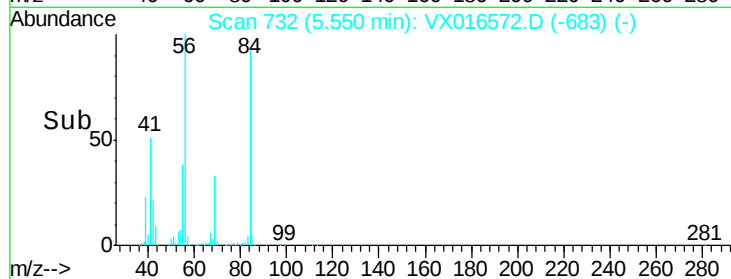
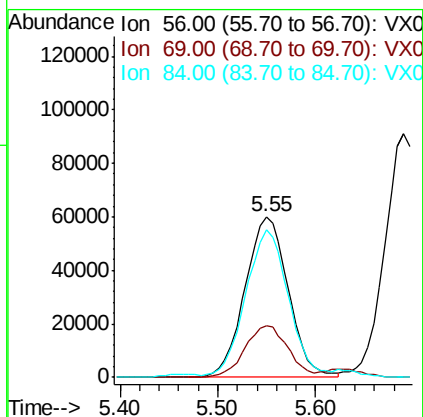
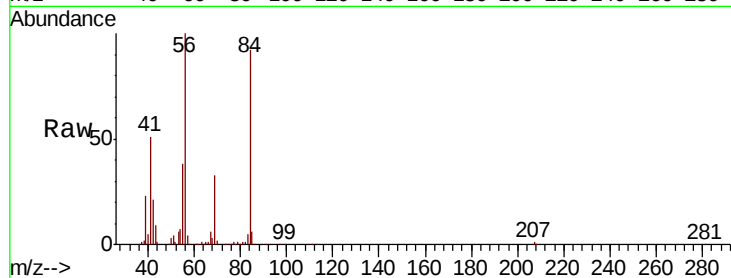




#31
Cyclohexane
Concen: 43.027 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

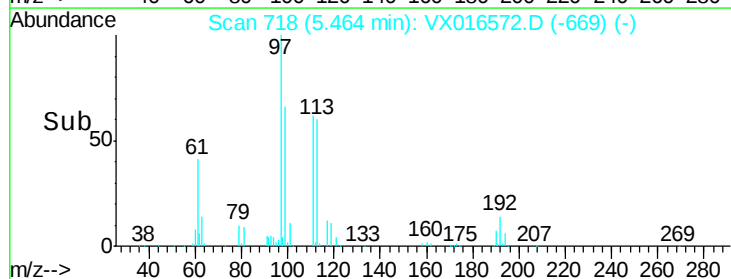
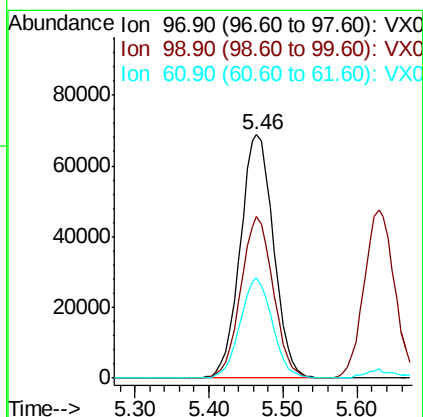
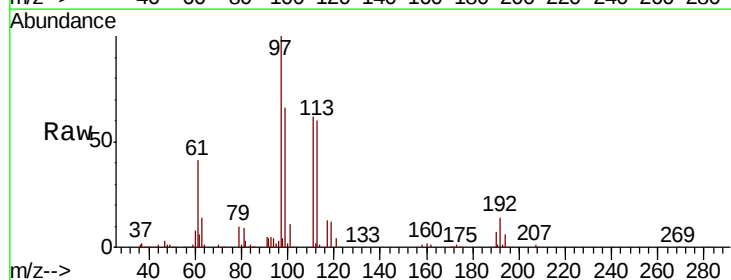
Instrument :
MSVOA_X
ClientSampleId :

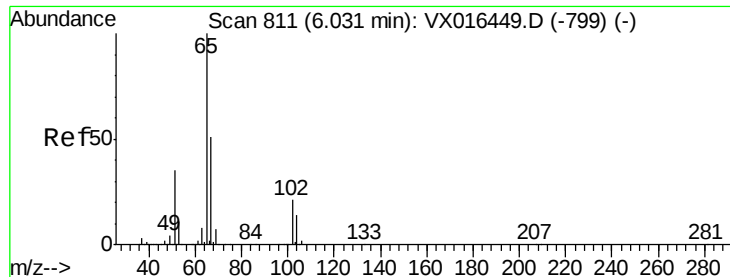
Tot Ion: 56 Resp: 184253
Ion Ratio Lower Upper
56 100
69 32.5 25.7 38.5
84 89.8 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.613 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion: 97 Resp: 215427
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 39.9 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 48.905 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

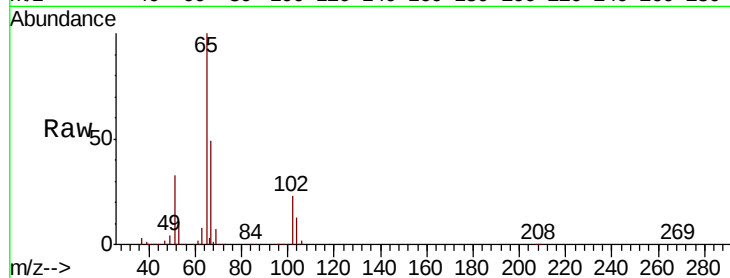
ClientSampleId :

Tot Ion: 65 Resp: 150673

Ion Ratio Lower Upper

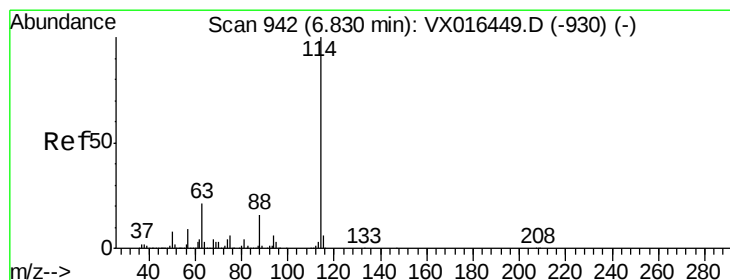
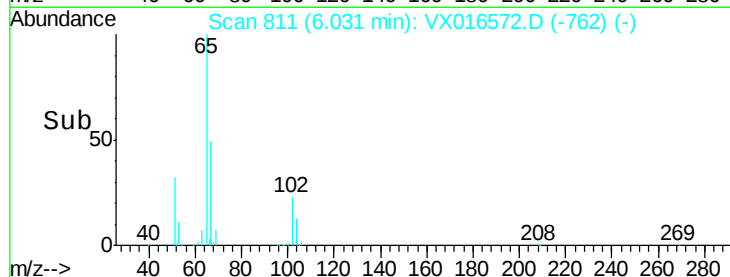
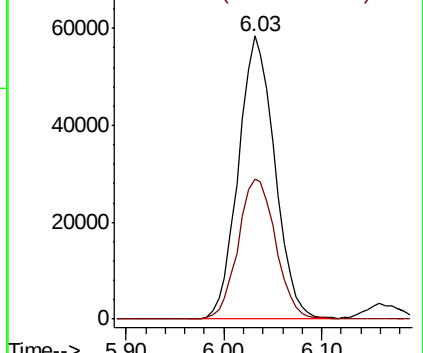
65 100

67 51.2 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

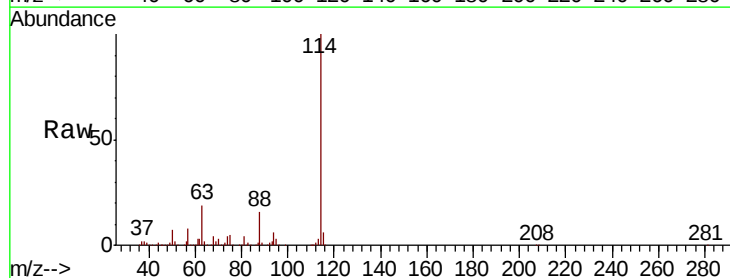
Tgt Ion:114 Resp: 389989

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.6

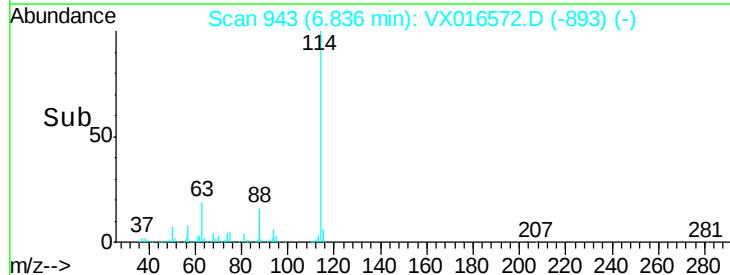
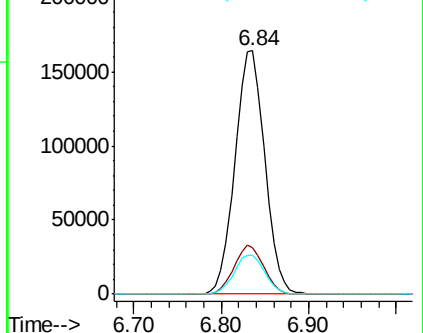
88 16.2 0.0 32.8

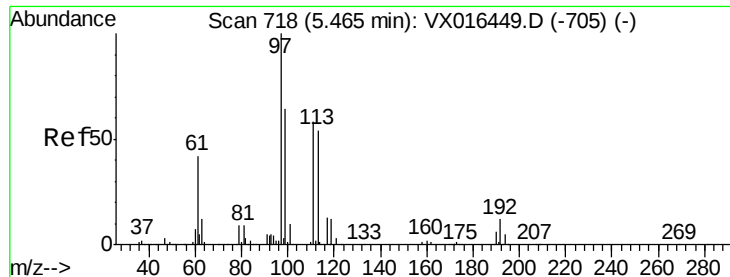


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

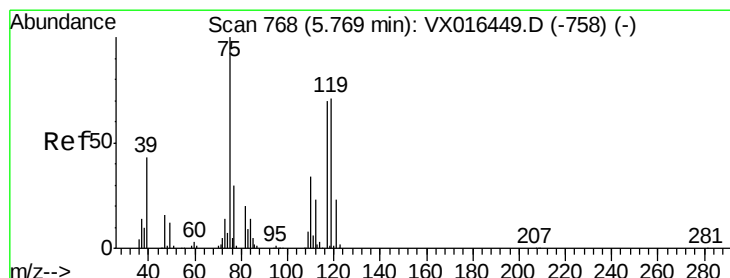
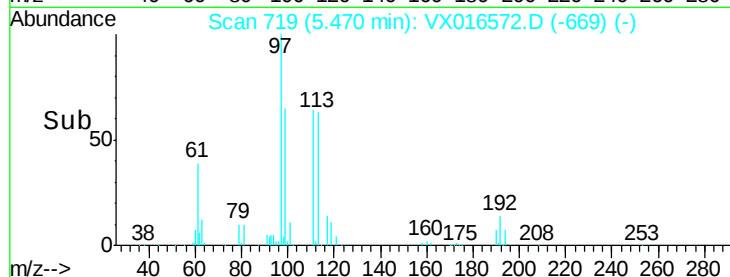
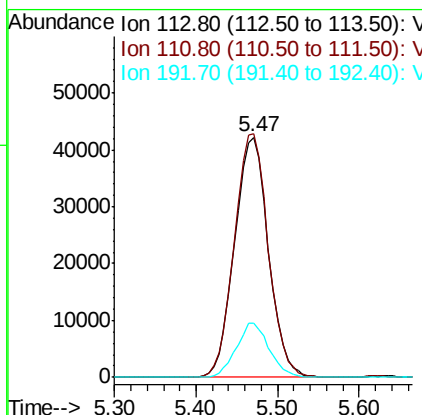
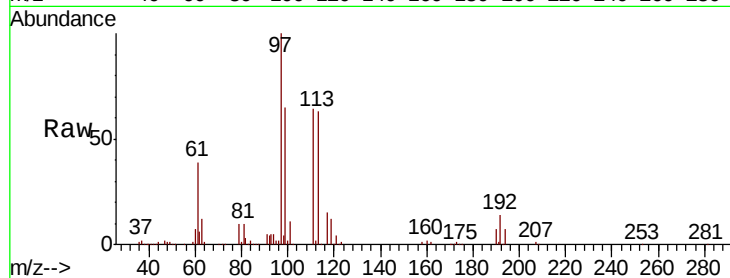




#35
Dibromofluoromethane
Concen: 50.530 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

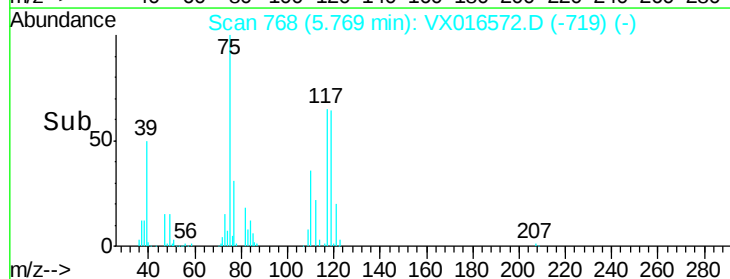
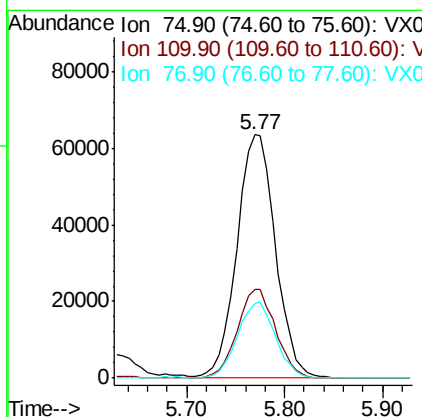
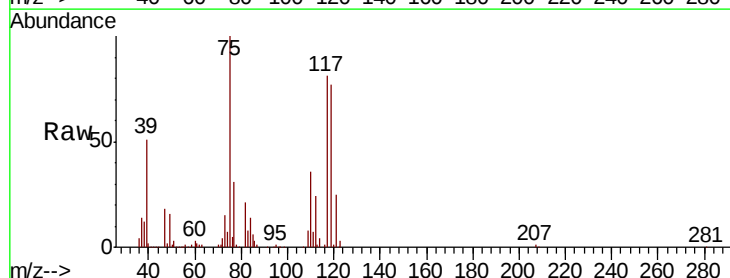
Instrument :
MSVOA_X
ClientSampled :

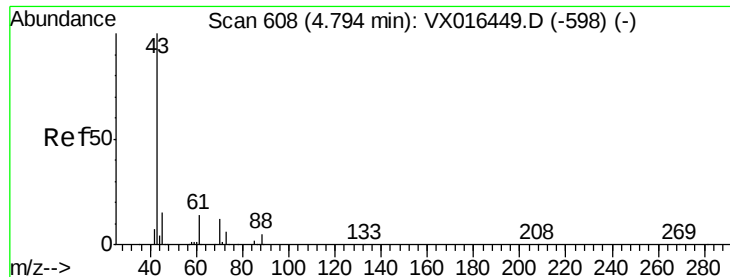
Tot Ion:113 Resp: 121339
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.6
192 21.9 17.7 26.5



#36
1,1-Dichloropropene
Concen: 46.638 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion: 75 Resp: 172210
Ion Ratio Lower Upper
75 100
110 36.6 17.4 52.3
77 31.1 24.2 36.4

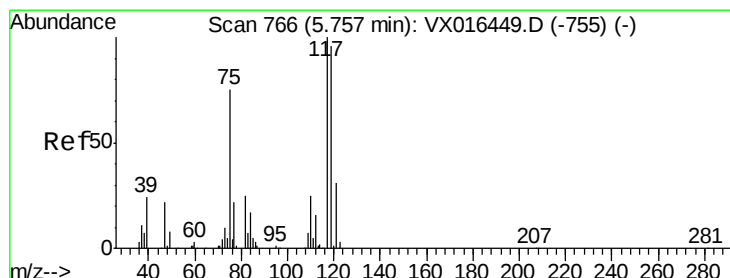
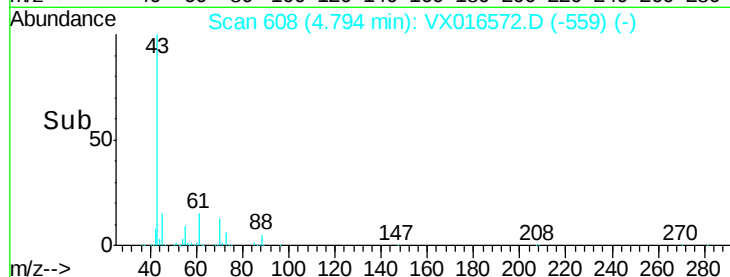
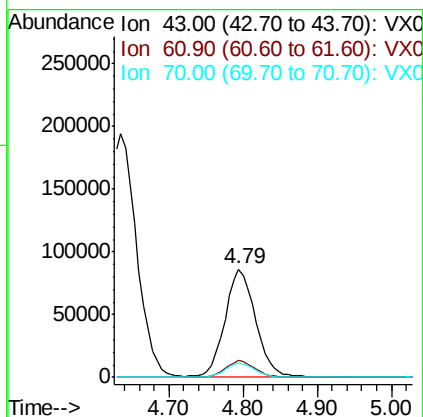
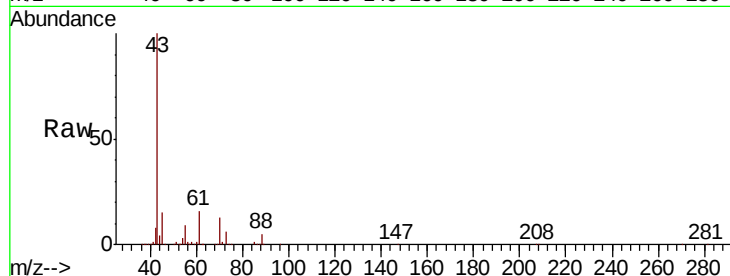




#37
Ethyl Acetate
Concen: 55.741 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

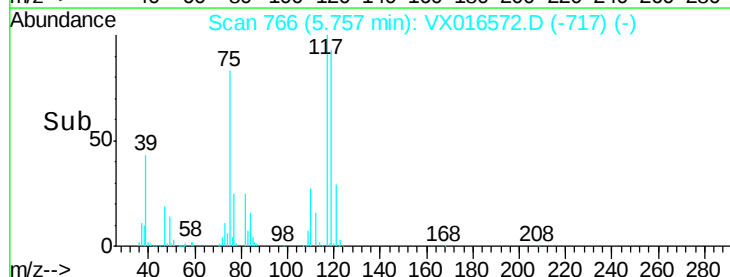
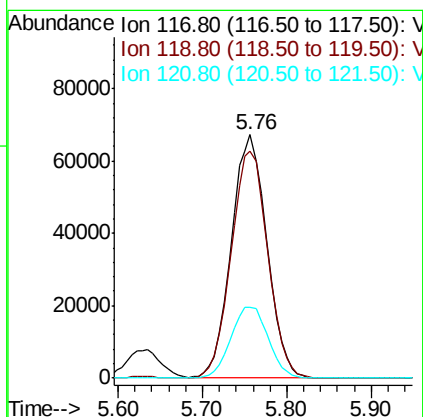
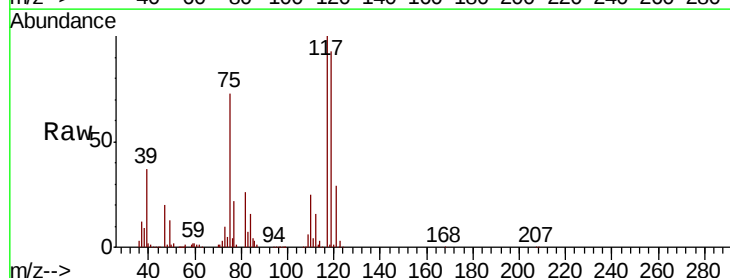
Instrument :
MSVOA_X
ClientSampled :

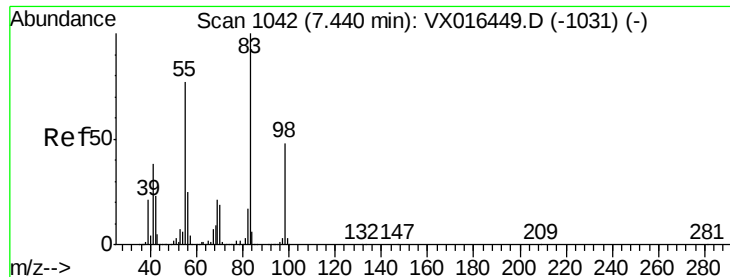
Tot Ion: 43 Resp: 247105
Ion Ratio Lower Upper
43 100
61 15.2 11.3 16.9
70 13.0 9.3 13.9



#38
Carbon Tetrachloride
Concen: 49.576 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion: 117 Resp: 192376
Ion Ratio Lower Upper
117 100
119 93.0 76.3 114.5
121 29.1 24.6 37.0

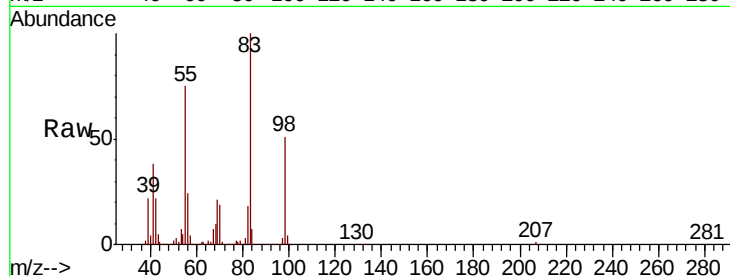




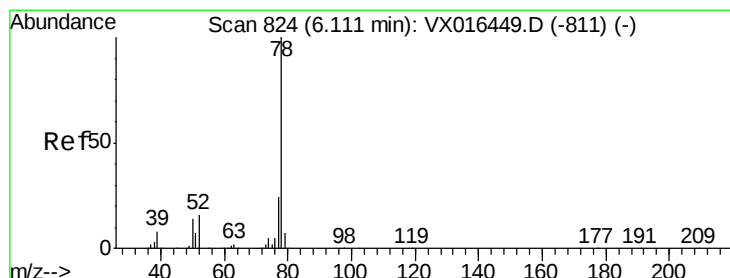
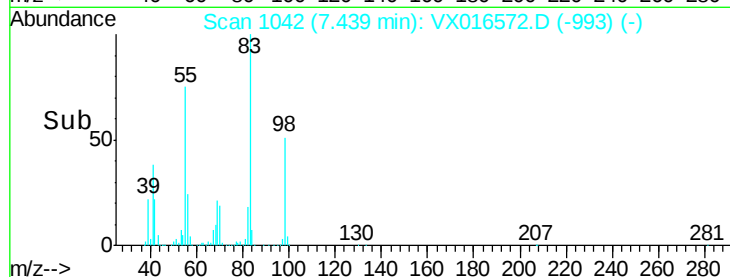
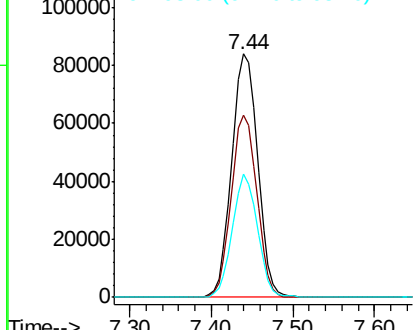
#39
Methylvlcyclohexane
Concen: 45.868 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 183961
Ion Ratio Lower Upper
83 100
55 74.8 61.7 92.5
98 50.7 38.7 58.1

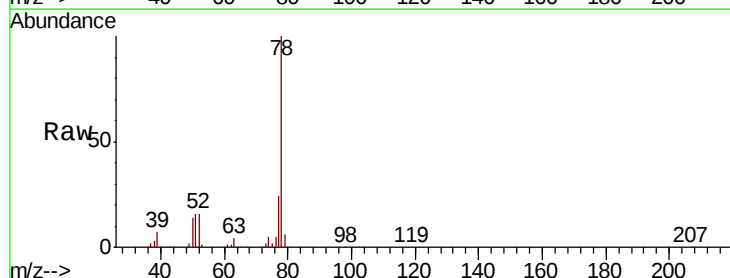


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

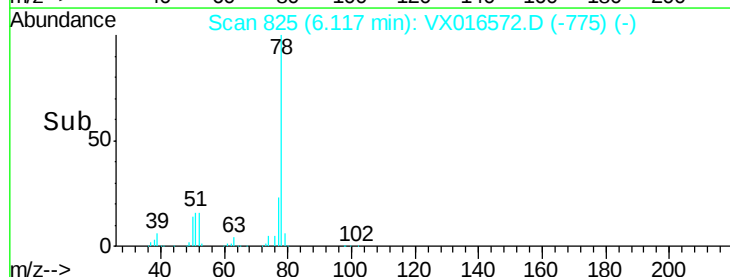
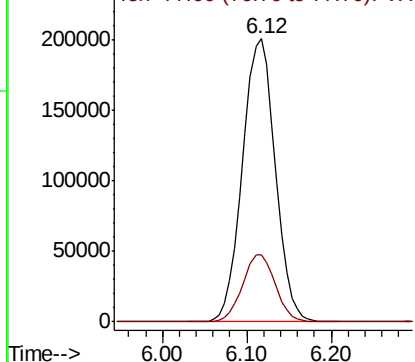


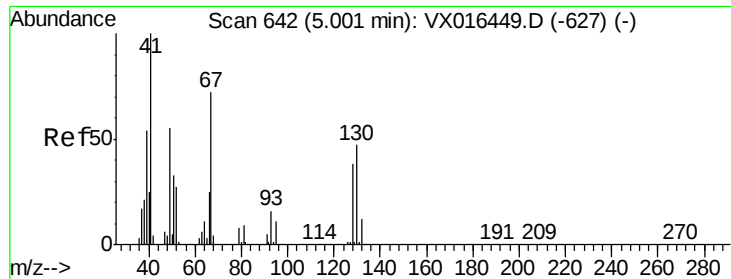
#40
Benzene
Concen: 48.167 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion: 78 Resp: 529639
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3



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

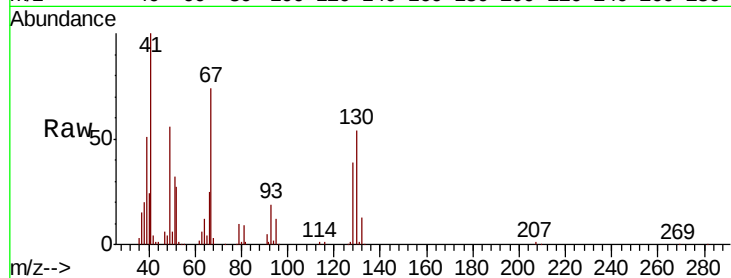




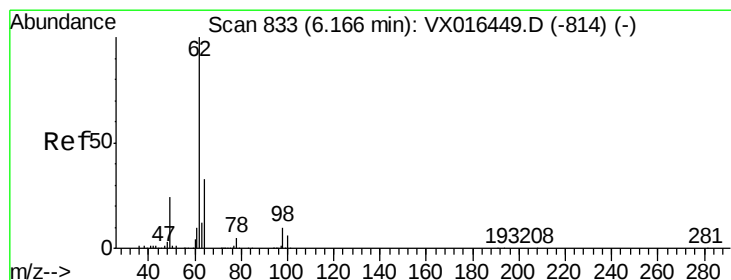
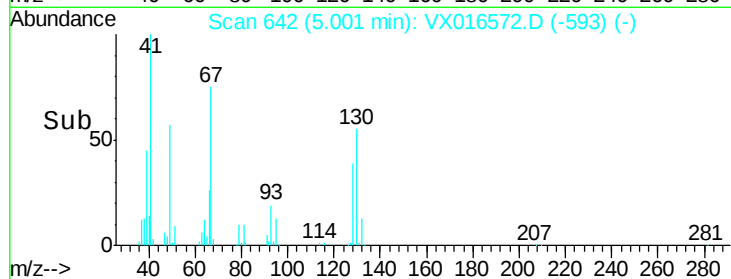
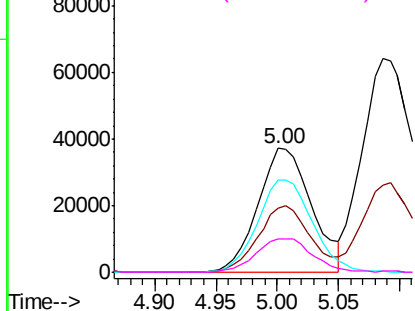
#41
Methacrylonitrile
Concen: 46.403 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	112992
Ion	Ratio	Lower	Upper
41	100		
39	53.0	43.0	64.4
67	76.6	58.9	88.3
52	28.2	23.1	34.7

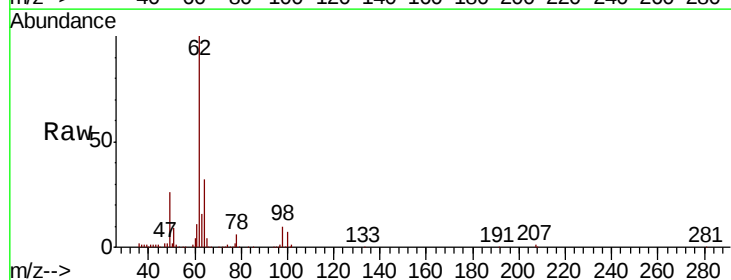


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

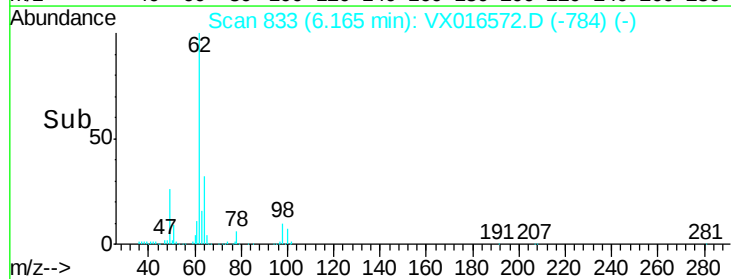
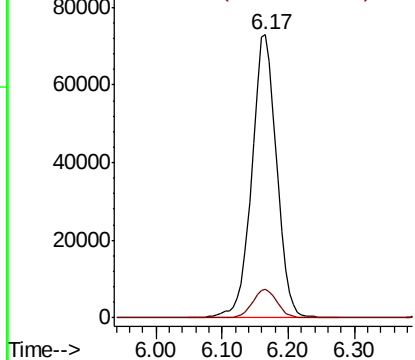


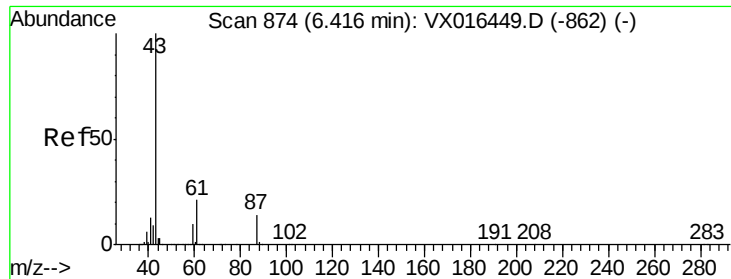
#42
1,2-Dichloroethane
Concen: 48.847 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion:	62	Resp:	191015
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8



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



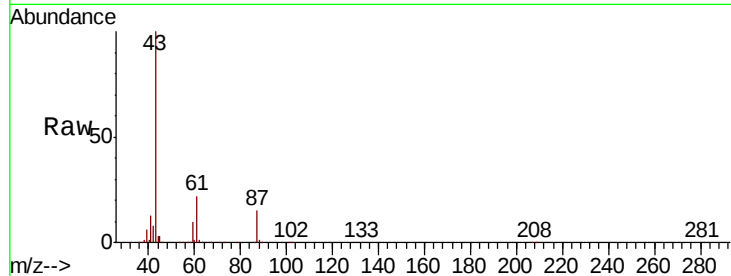


#43

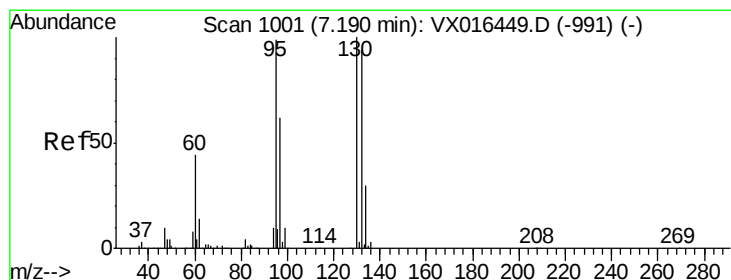
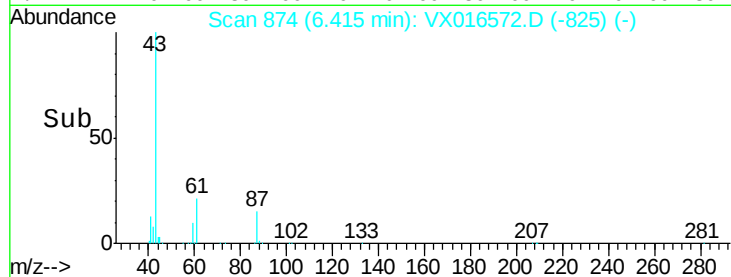
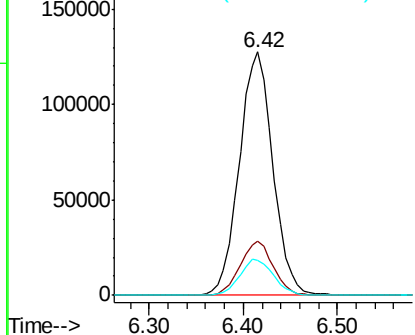
Isopropyl Acetate
 Concen: 45.729 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	Resp	316205
Ion Ratio	Lower	Upper	
43	100		
61	22.0	16.8	25.2
87	15.1	11.2	16.8



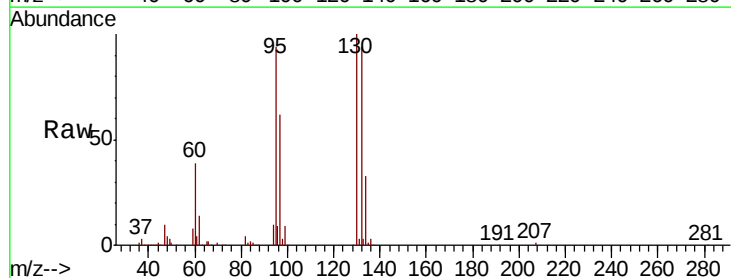
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



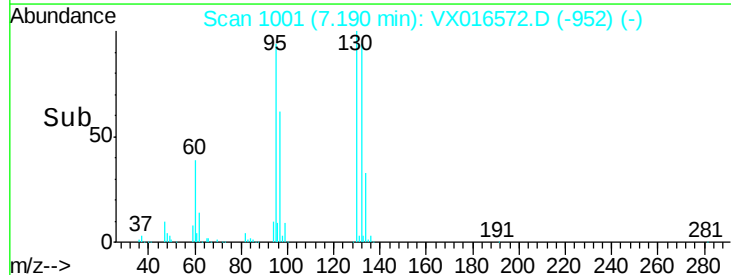
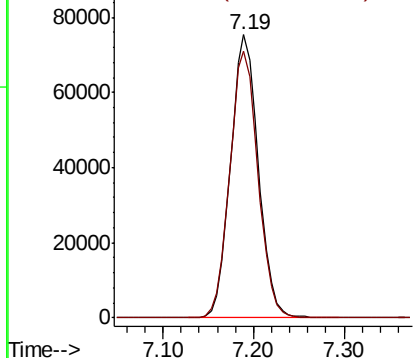
#44

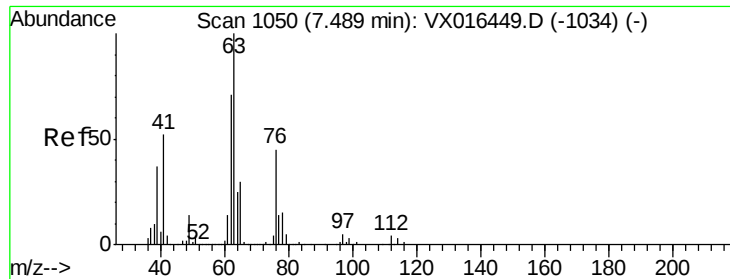
Trichloroethene
 Concen: 45.795 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion	130	Resp	159770
Ion Ratio	Lower	Upper	
130	100		
95	94.4	0.0	198.2



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





#45

1,2-Dichloropropane

Concen: 48.304 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

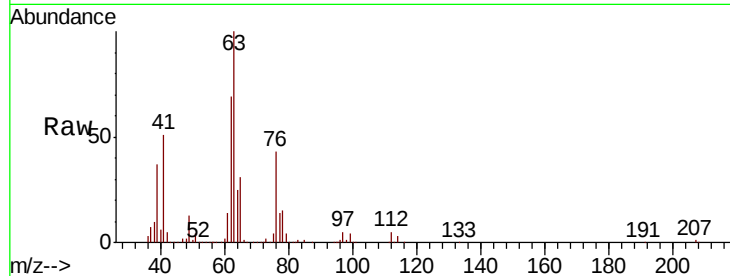
ClientSampleId :

Tot Ion: 63 Resp: 135220

Ion Ratio Lower Upper

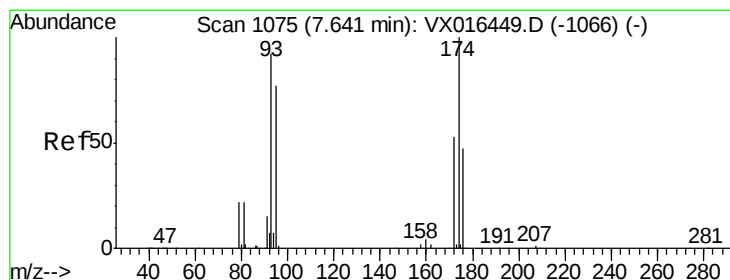
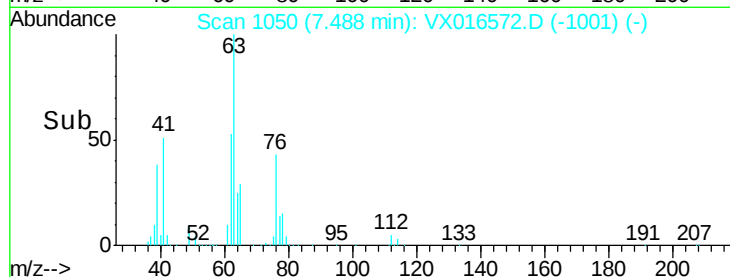
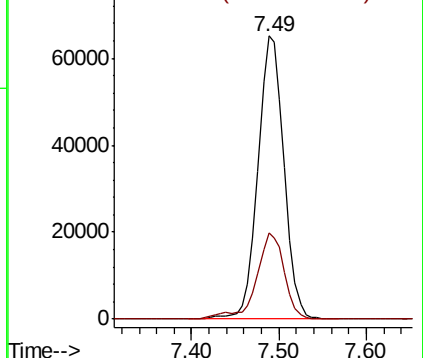
63 100

65 30.6 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.155 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

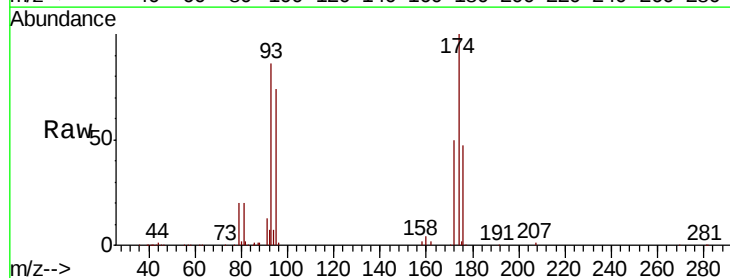
Tgt Ion: 93 Resp: 92422

Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

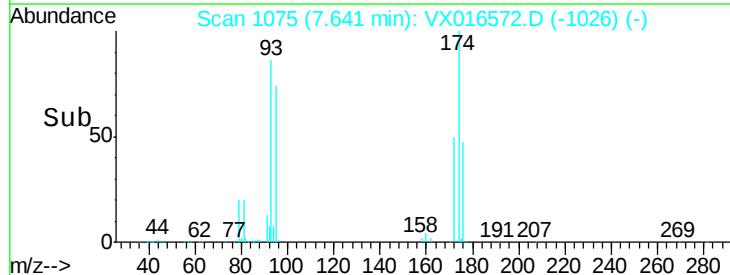
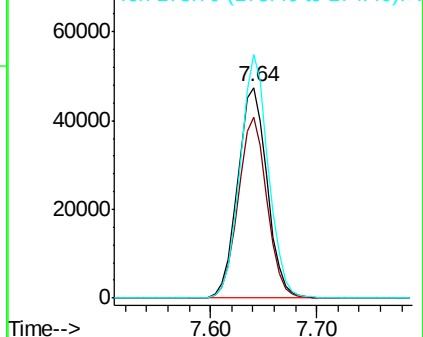
174 111.1 86.2 129.4

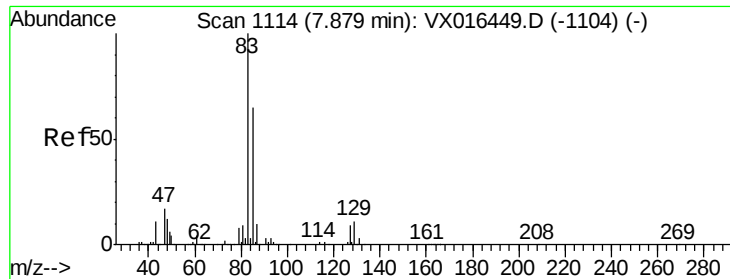


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.001 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampled :

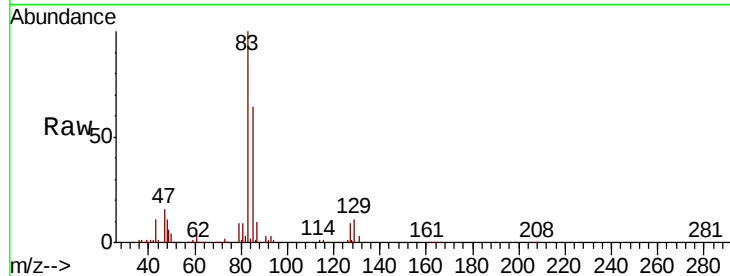
Tot Ion: 83 Resp: 194661

Ion Ratio Lower Upper

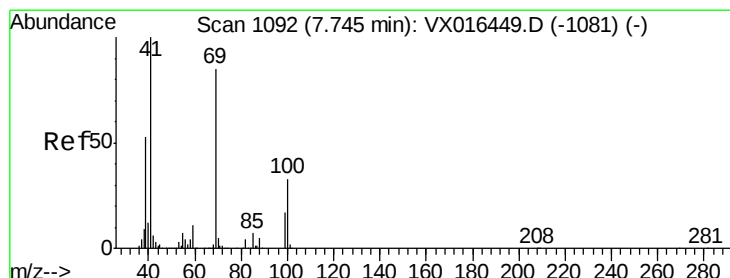
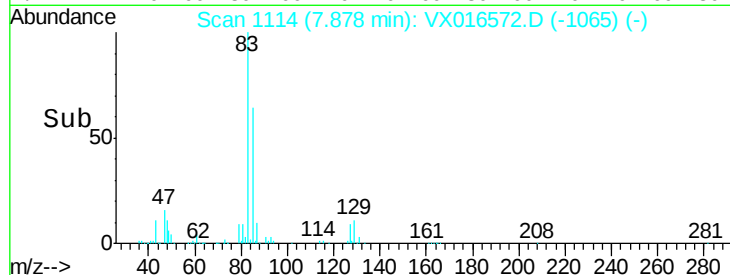
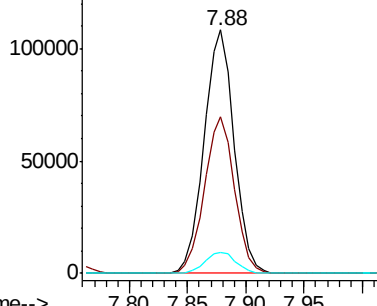
83 100

85 64.5 52.0 78.0

127 8.6 7.4 11.0



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: 46.993 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

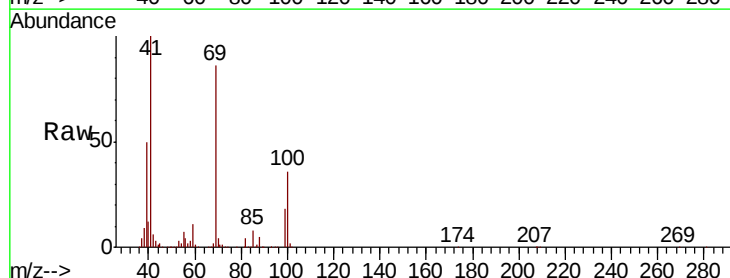
Tgt Ion: 41 Resp: 155586

Ion Ratio Lower Upper

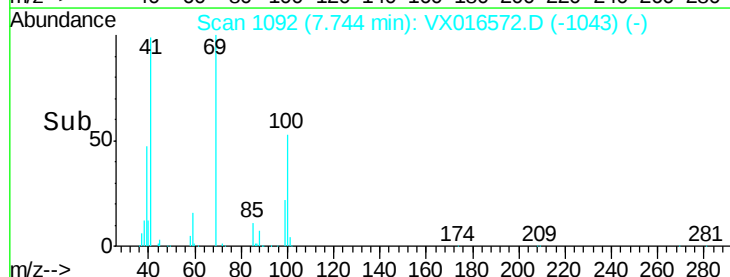
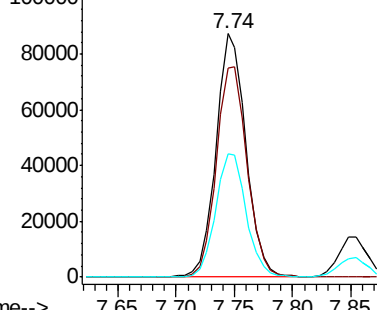
41 100

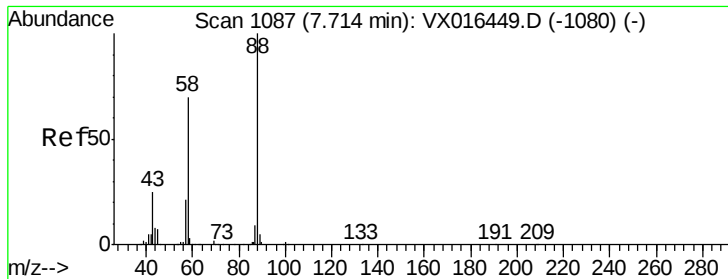
69 89.5 68.6 102.8

39 52.1 42.4 63.6



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 897.088 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

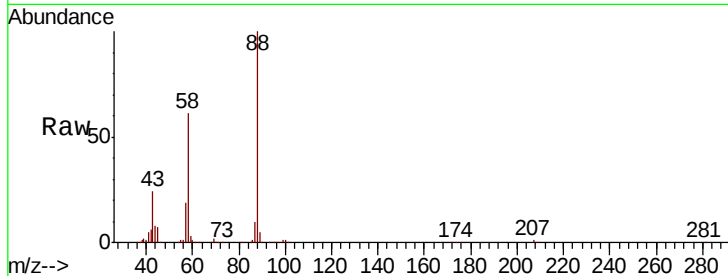
Tot Ion: 88 Resp: 69508

Ion Ratio Lower Upper

88 100

43 29.8 24.2 36.4

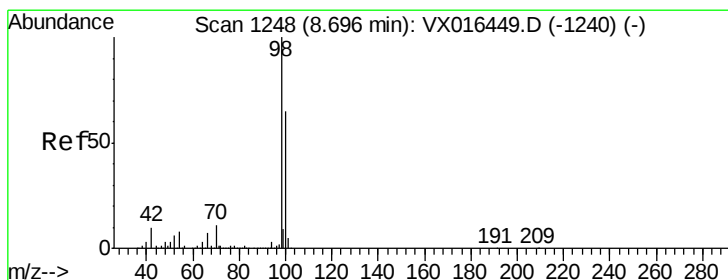
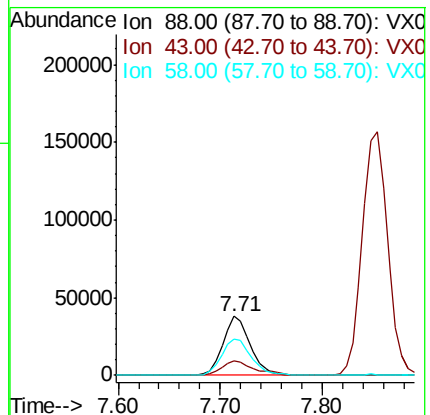
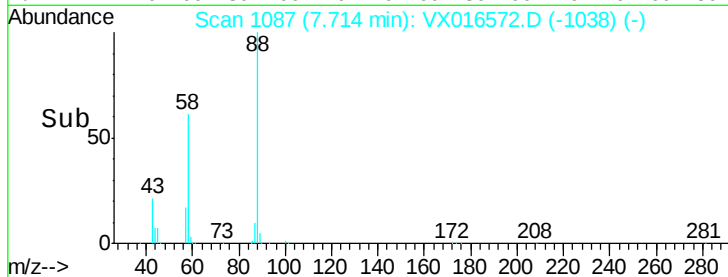
58 68.1 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.576 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016572.D

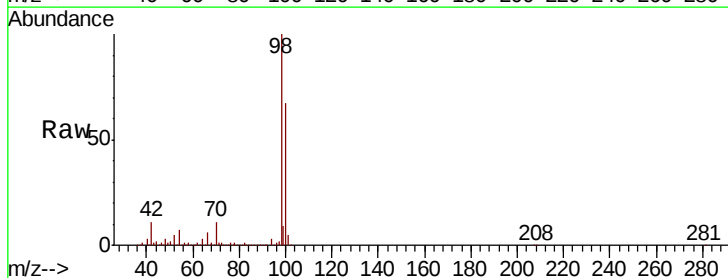
Acq: 03 Jun 2020 17:28

Tgt Ion: 98 Resp: 463364

Ion Ratio Lower Upper

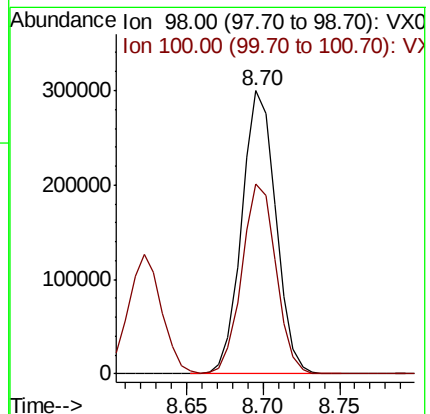
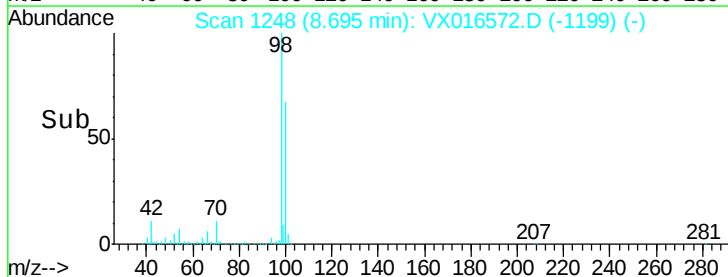
98 100

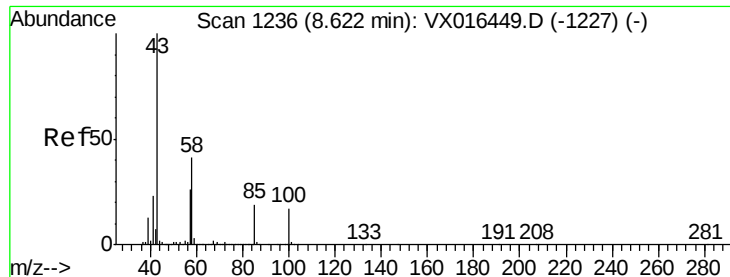
100 67.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

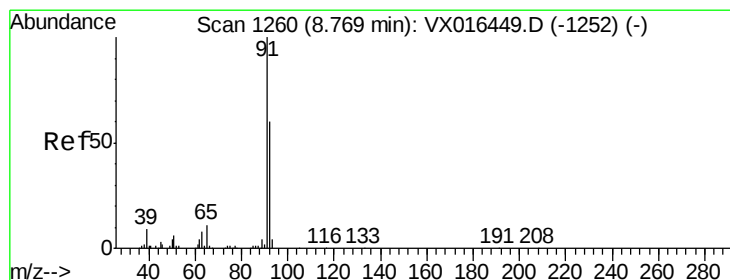
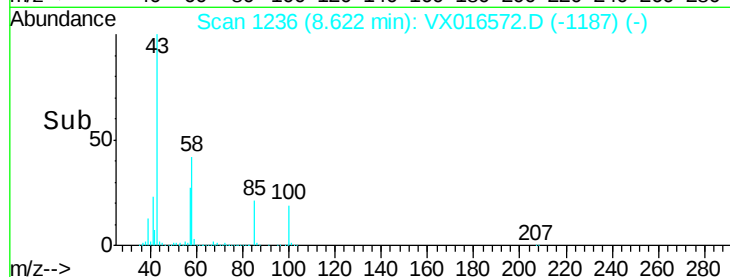
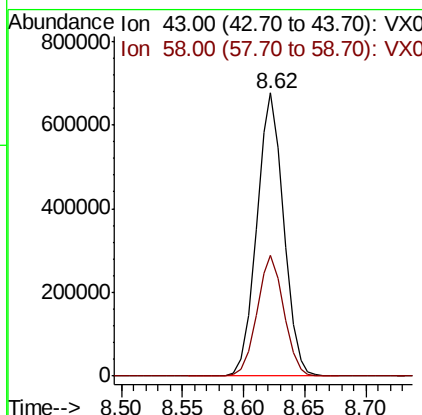
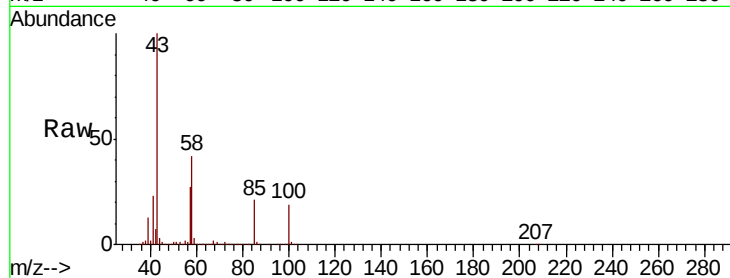




#51
 4-Methyl-2-Pentanone
 Concen: 240.525 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

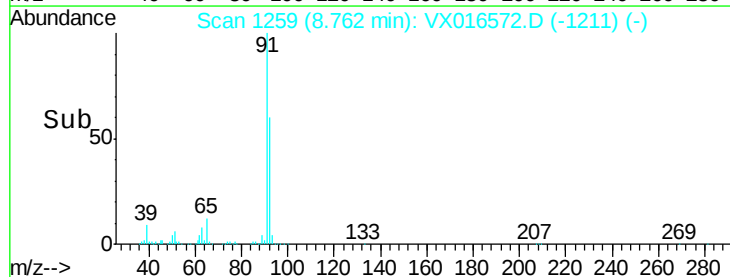
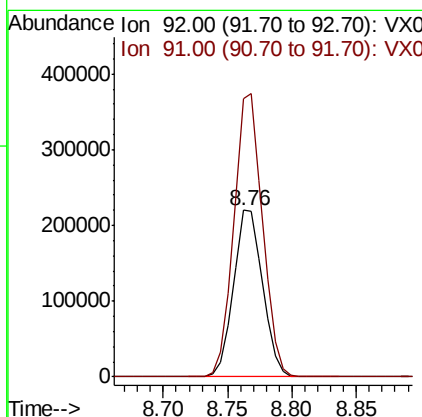
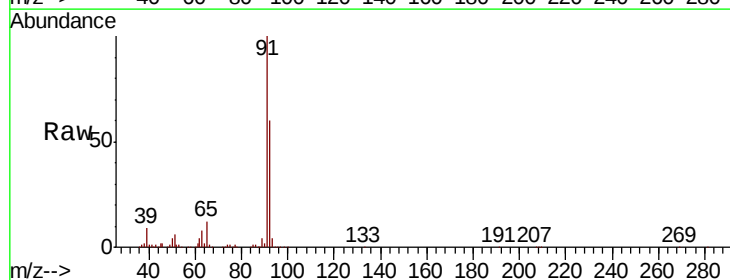
Instrument :
 MSVOA_X
 ClientSampleId :

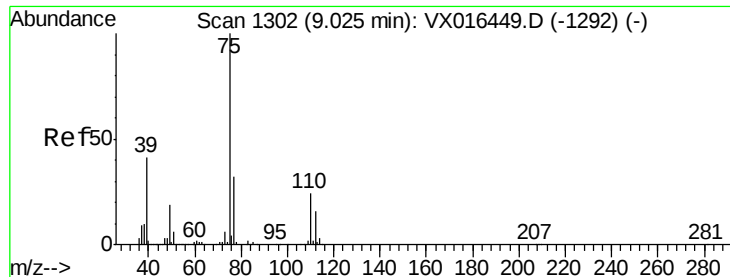
Tot Ion: 43 Resp: 1035607
 Ion Ratio Lower Upper
 43 100
 58 42.5 33.0 49.6



#52
 Toluene
 Concen: 49.861 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion: 92 Resp: 345737
 Ion Ratio Lower Upper
 92 100
 91 167.2 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 51.179 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

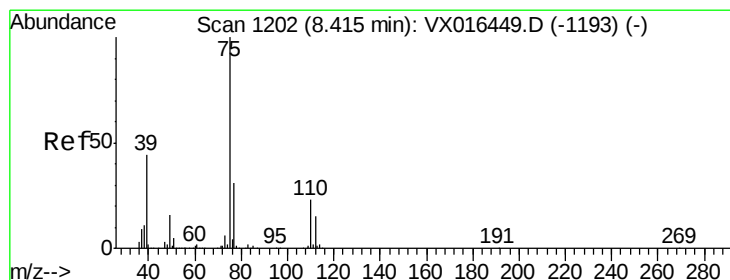
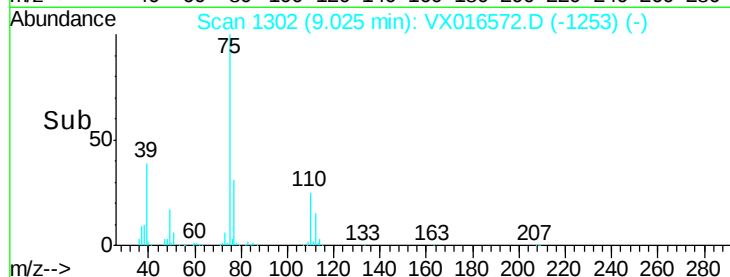
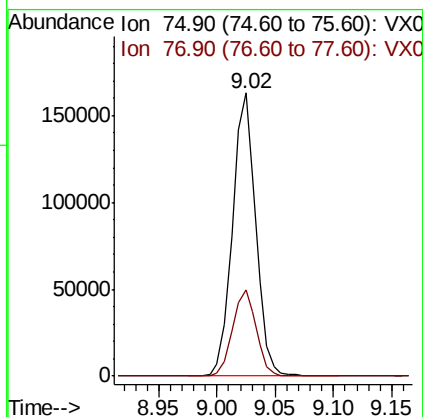
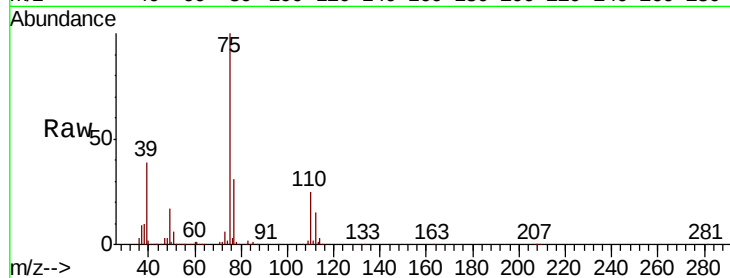
ClientSampleId :

Tot Ion: 75 Resp: 226566

Ion Ratio Lower Upper

75 100

77 30.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 49.480 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

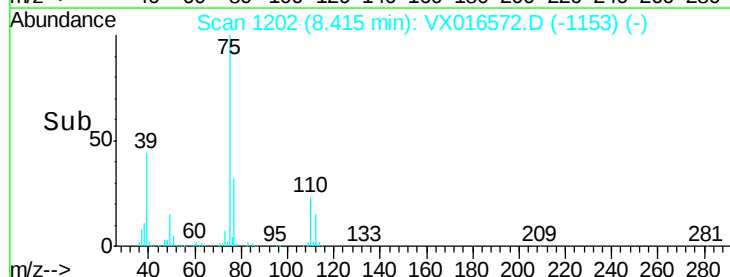
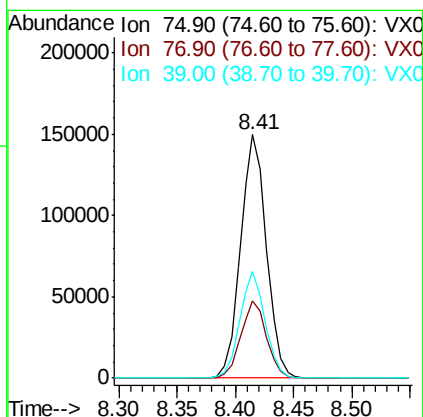
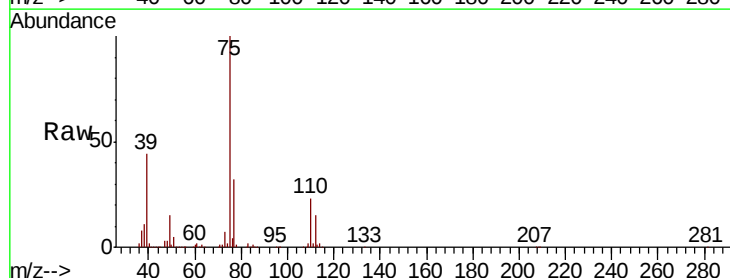
Tgt Ion: 75 Resp: 231849

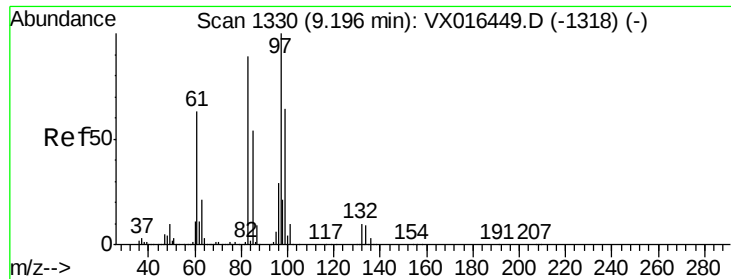
Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8

39 43.6 35.3 52.9

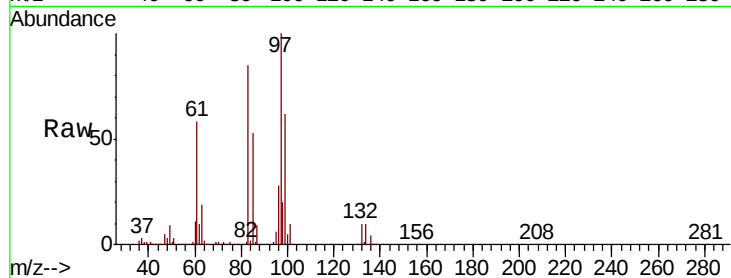




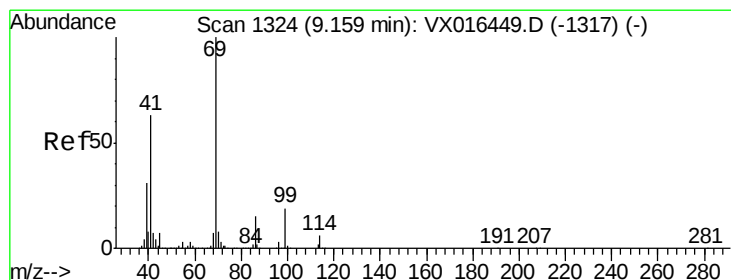
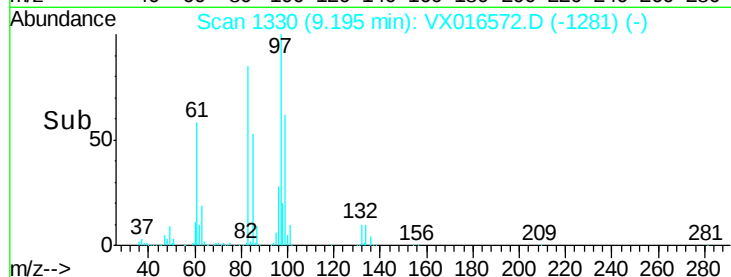
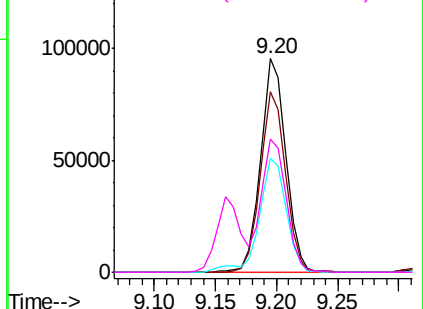
#55
 1,1,2-Trichloroethane
 Concen: 50.263 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	138572
Ion	Ratio	Lower	Upper
97	100		
83	84.7	70.9	106.3
85	53.1	43.4	65.2
99	62.3	51.0	76.6

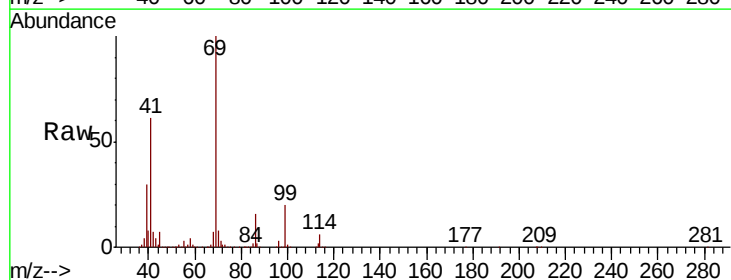


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

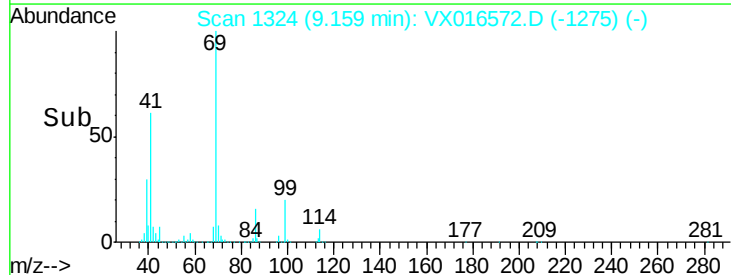
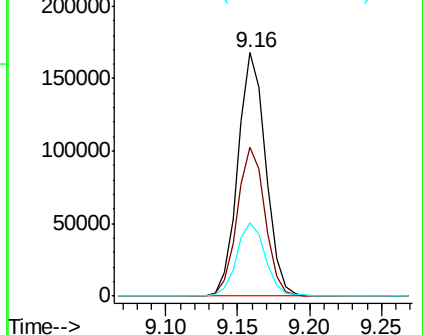


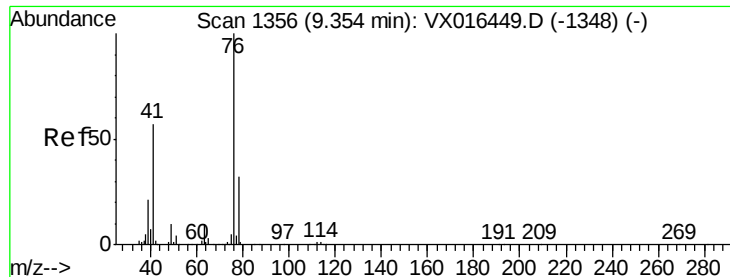
#56
 Ethyl methacrylate
 Concen: 50.348 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion:	69	Resp:	226063
Ion	Ratio	Lower	Upper
69	100		
41	61.3	50.7	76.1
39	30.9	25.8	38.6



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: 49.975 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

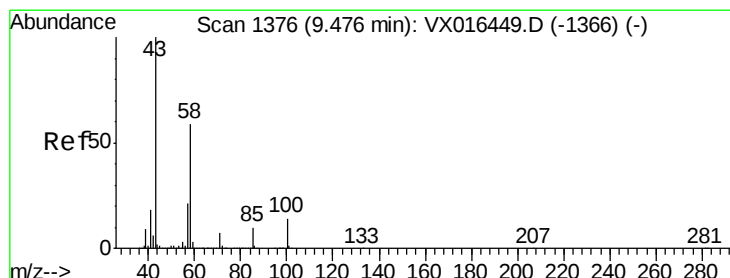
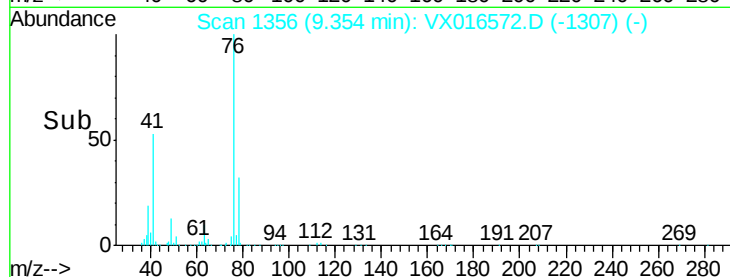
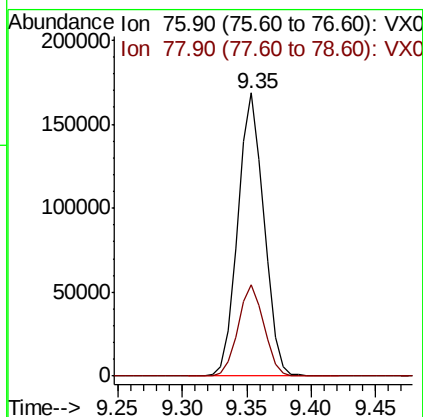
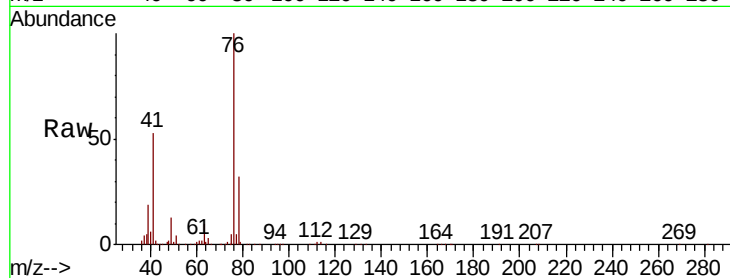
ClientSampleId :

Tot Ion: 76 Resp: 236489

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#59

2-Hexanone

Concen: 240.774 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016572.D

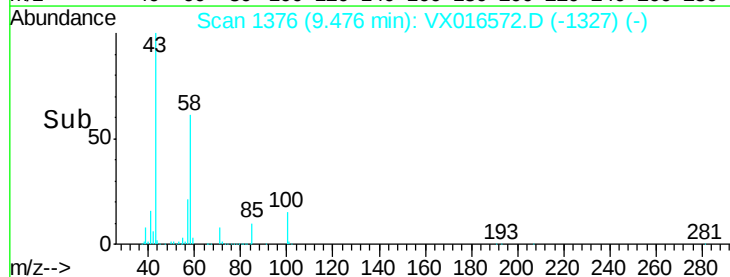
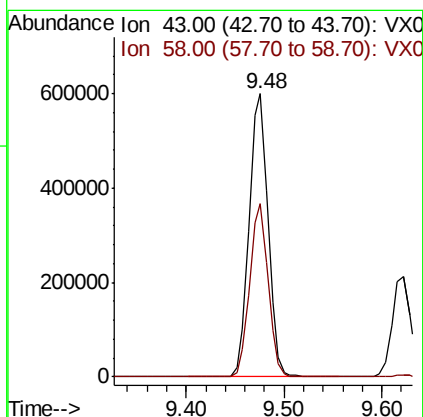
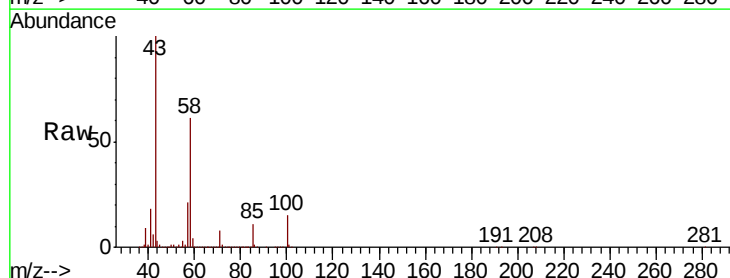
Acq: 03 Jun 2020 17:28

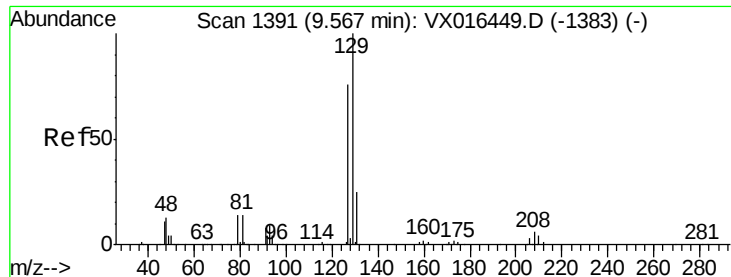
Tgt Ion: 43 Resp: 806181

Ion Ratio Lower Upper

43 100

58 59.7 28.8 86.4

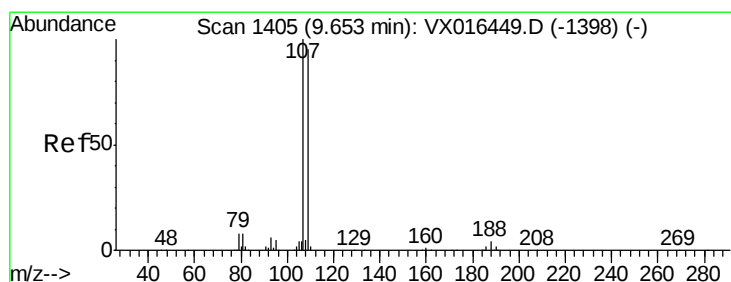
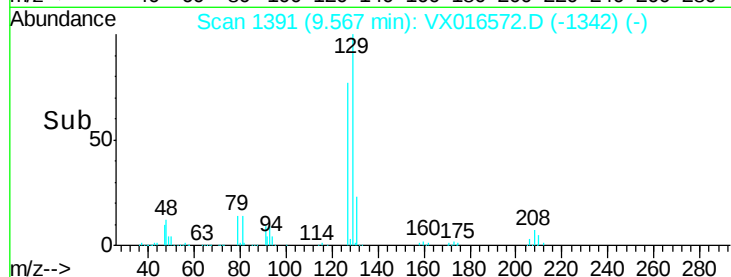
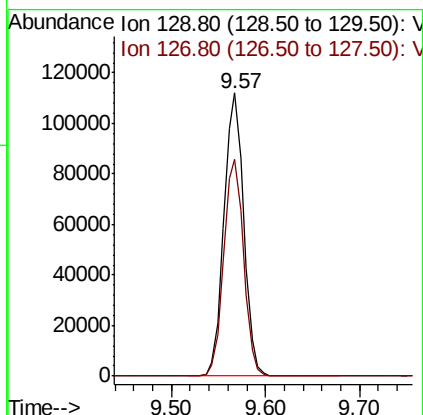
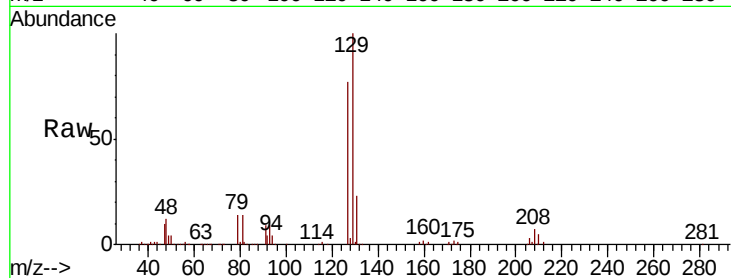




#60
Dibromochloromethane
Concen: 52.593 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

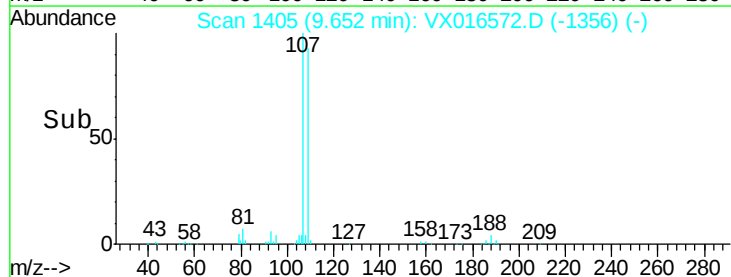
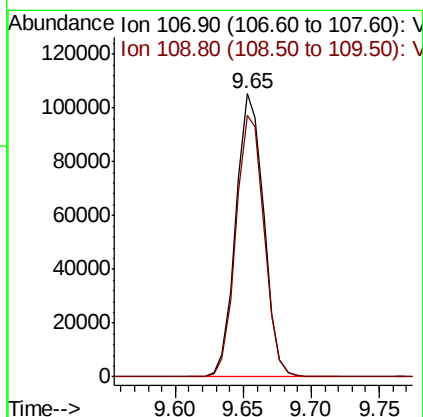
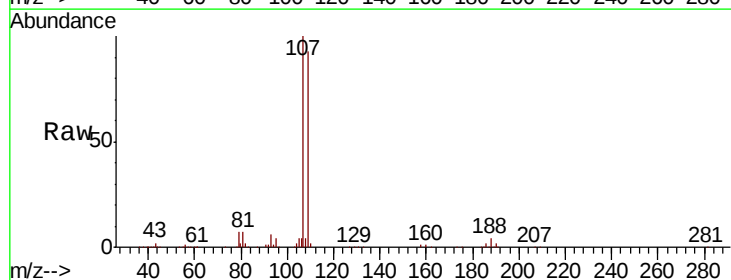
Instrument :
MSVOA_X
ClientSampleId :

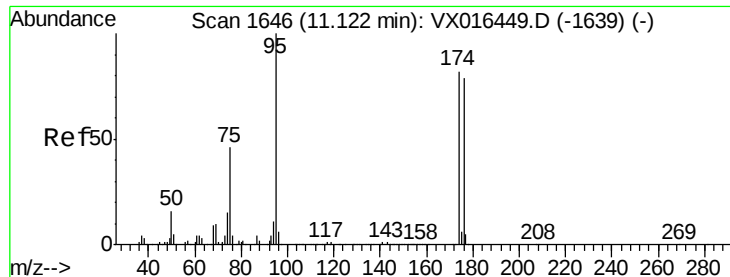
Tot Ion:129 Resp: 163172
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0



#61
1,2-Dibromoethane
Concen: 50.942 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion:107 Resp: 150397
Ion Ratio Lower Upper
107 100
109 93.6 75.5 113.3





#62

4-Bromofluorobenzene

Concen: 49.752 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

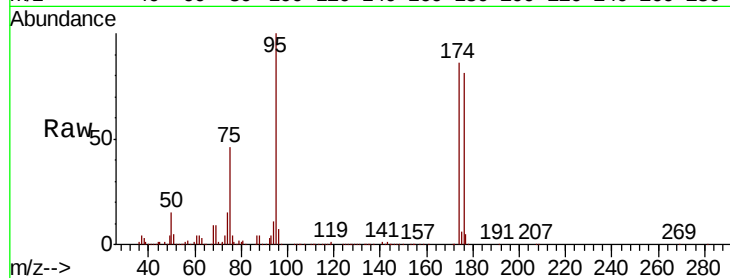
Tot Ion: 95 Resp: 179680

Ion Ratio Lower Upper

95 100

174 83.6 0.0 163.0

176 80.4 0.0 156.8



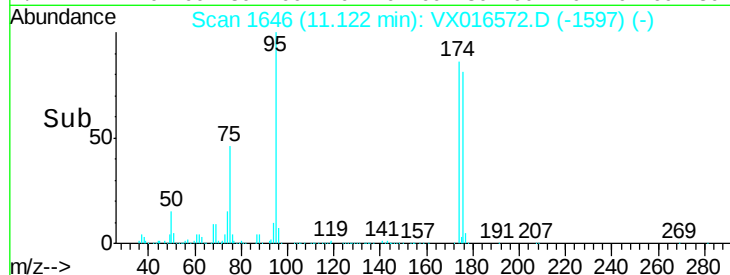
Abundance Ion 94.90 (94.60 to 95.60): VX016572.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016572.D (-1597) (-)

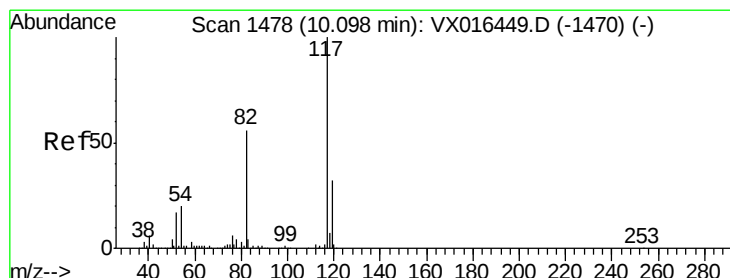
Ion 175.80 (175.50 to 176.50): VX016572.D (-1597) (-)

11.12

11.10 11.20



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

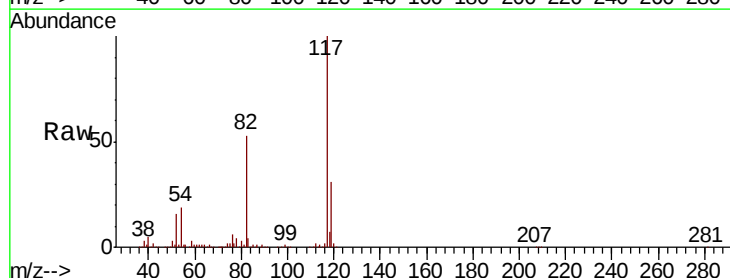
Tgt Ion: 117 Resp: 367242

Ion Ratio Lower Upper

117 100

82 53.1 45.0 67.6

119 31.2 25.8 38.8



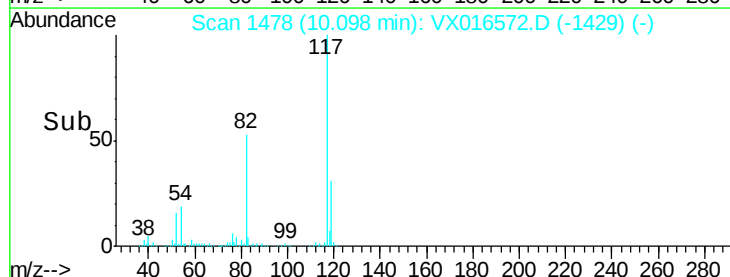
Abundance Ion 116.90 (116.60 to 117.60): VX016572.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016572.D (-1429) (-)

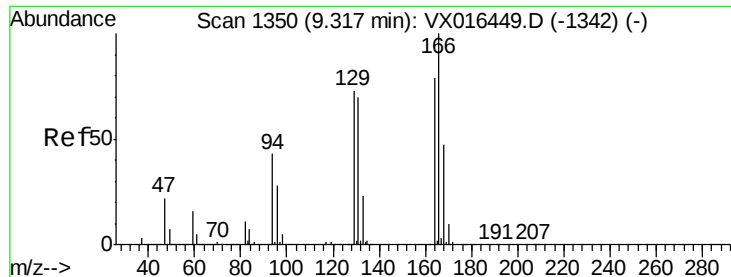
Ion 118.90 (118.60 to 119.60): VX016572.D (-1429) (-)

10.10

10.00 10.10 10.20



Time-->



#64

Tetrachloroethene

Concen: 40.767 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 167496

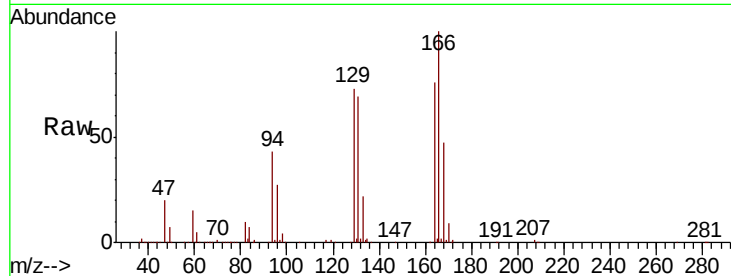
Ion Ratio Lower Upper

164 100

166 130.8 100.9 151.3

129 94.8 73.2 109.8

131 90.3 70.8 106.2

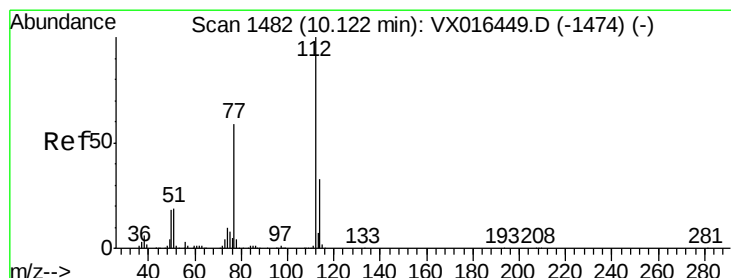
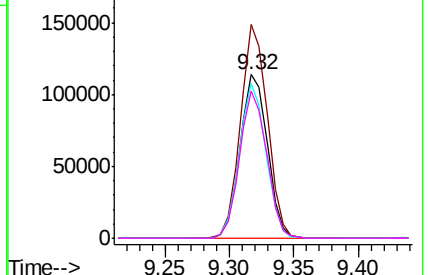
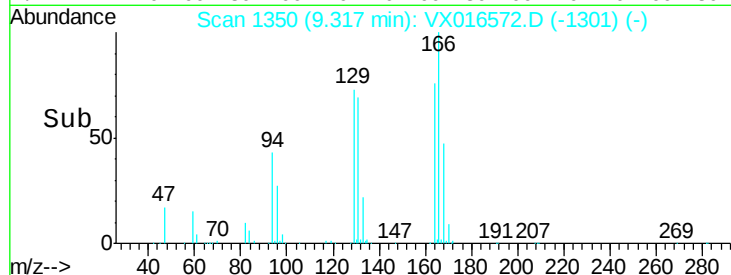


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.671 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016572.D

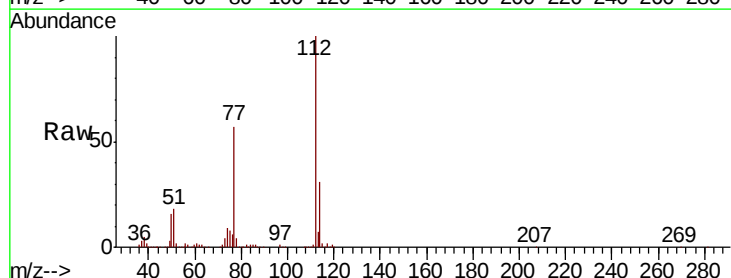
Acq: 03 Jun 2020 17:28

Tgt Ion:112 Resp: 371891

Ion Ratio Lower Upper

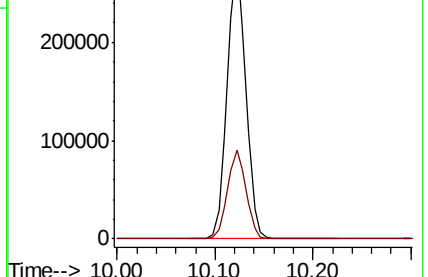
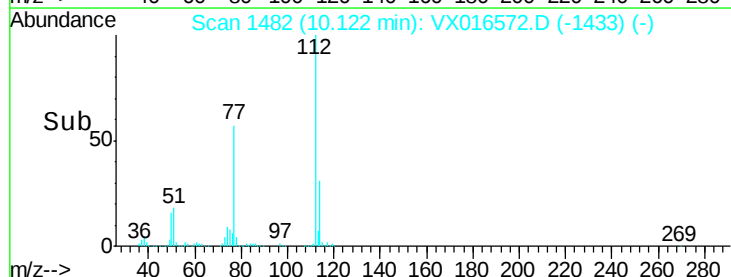
112 100

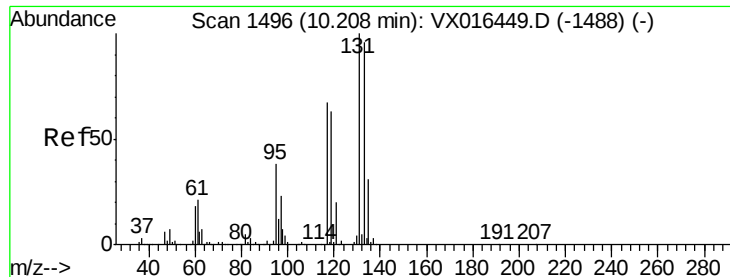
114 31.3 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 50.861 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampled :

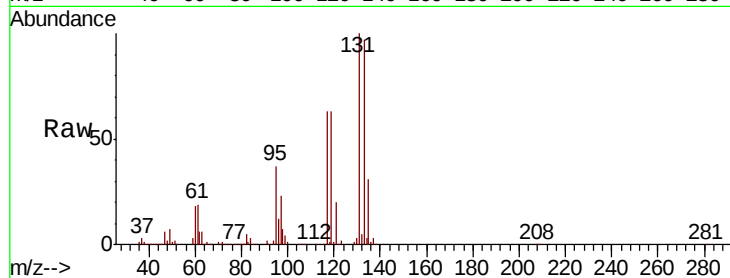
Tot Ion:131 Resp: 145362

Ion Ratio Lower Upper

131 100

133 95.8 48.4 145.3

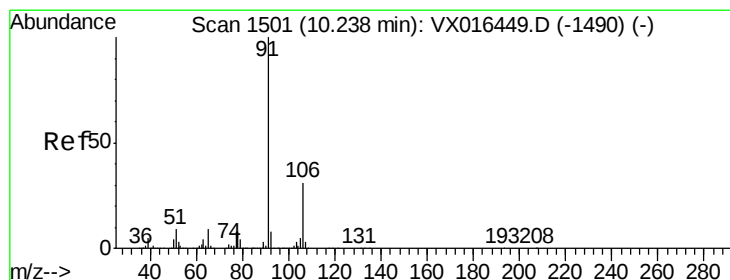
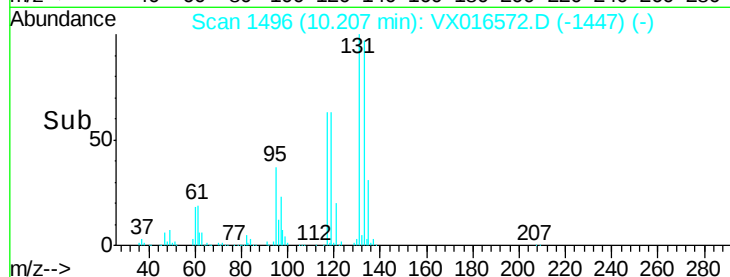
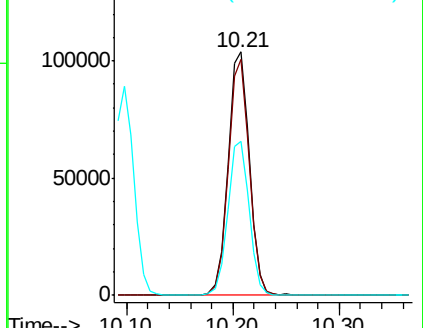
119 63.1 32.0 96.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 49.291 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016572.D

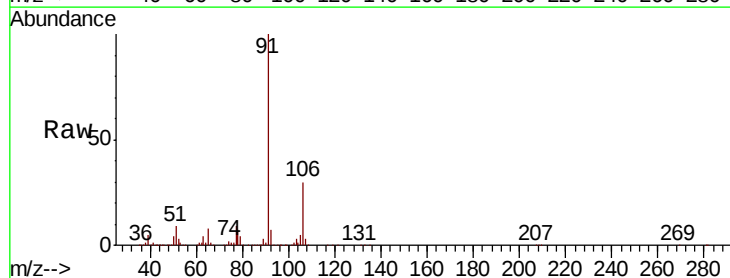
Acq: 03 Jun 2020 17:28

Tgt Ion: 91 Resp: 657051

Ion Ratio Lower Upper

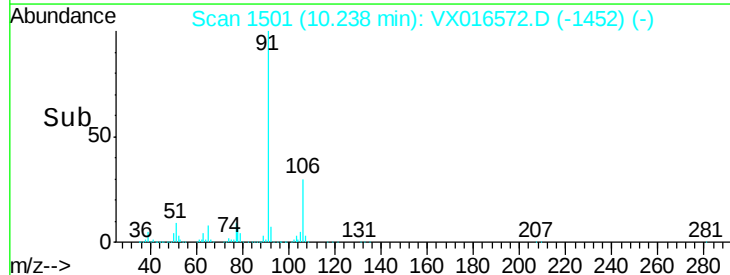
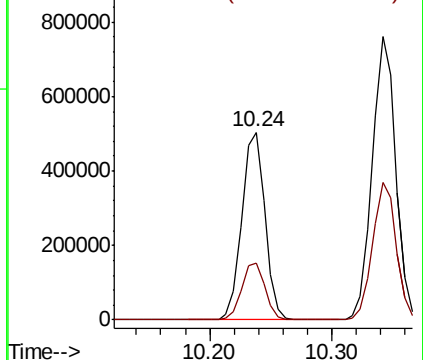
91 100

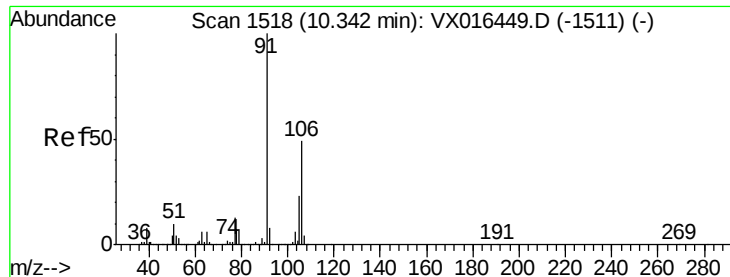
106 30.5 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

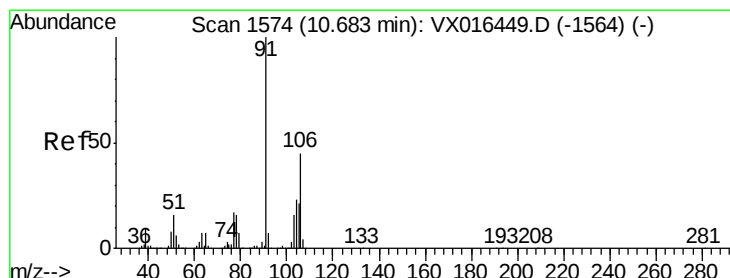
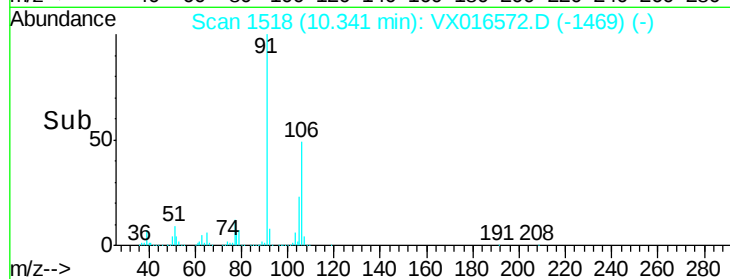
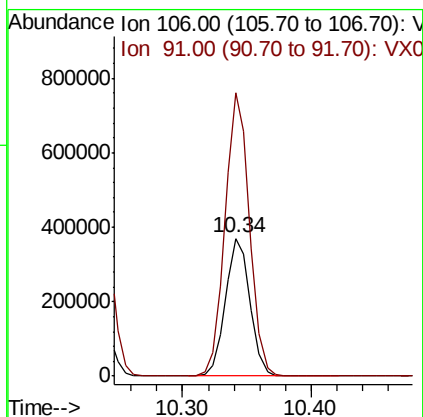
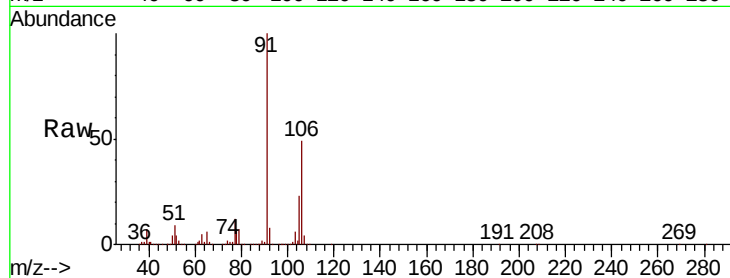




#68
m/p-Xylenes
Concen: 100.569 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

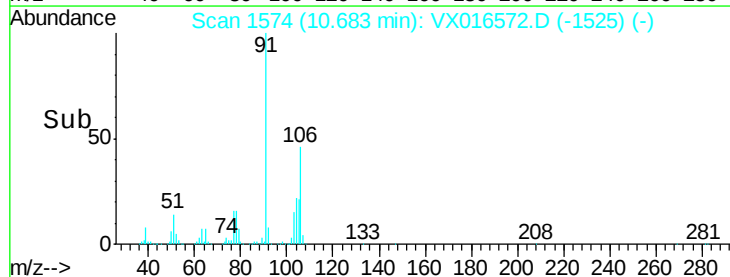
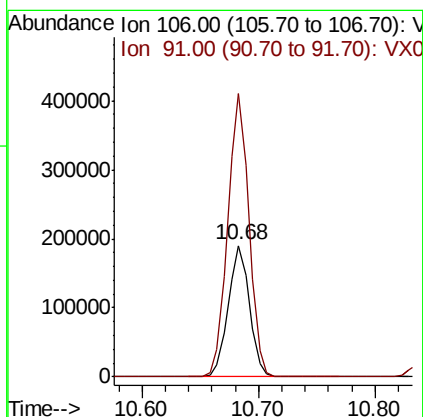
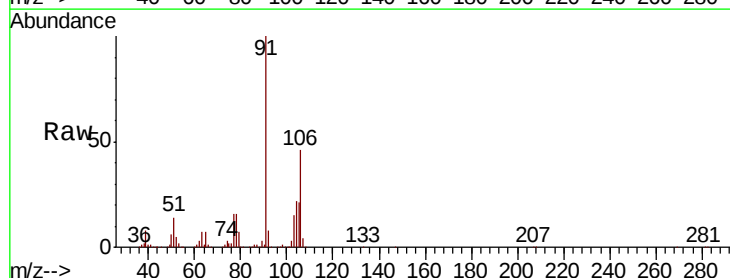
Instrument :
MSVOA_X
ClientSampleId :

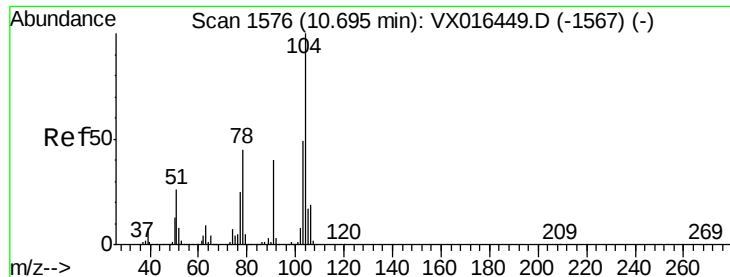
Tot Ion:106 Resp: 497054
Ion Ratio Lower Upper
106 100
91 204.1 163.8 245.8



#69
o-Xylene
Concen: 50.163 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion:106 Resp: 240108
Ion Ratio Lower Upper
106 100
91 216.2 109.6 328.8

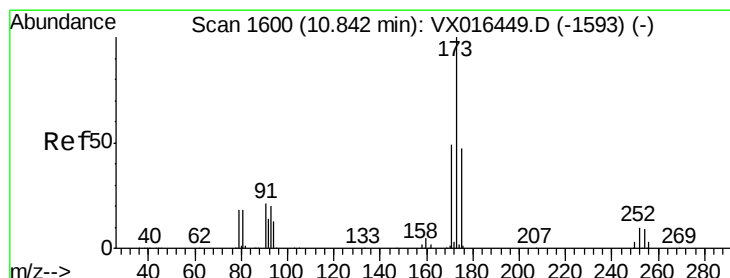
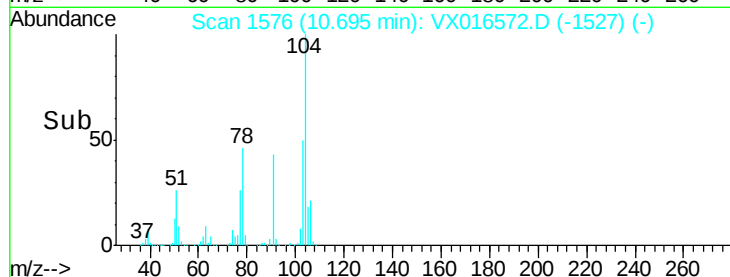
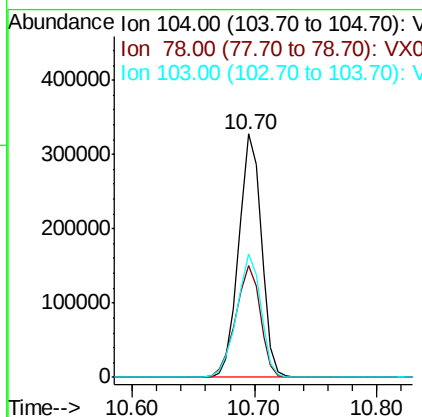
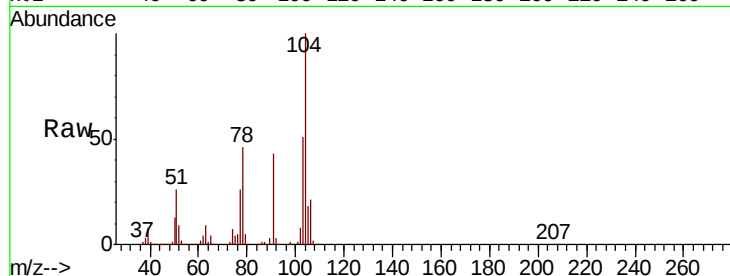




#70
Stvrene
Concen: 50.976 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

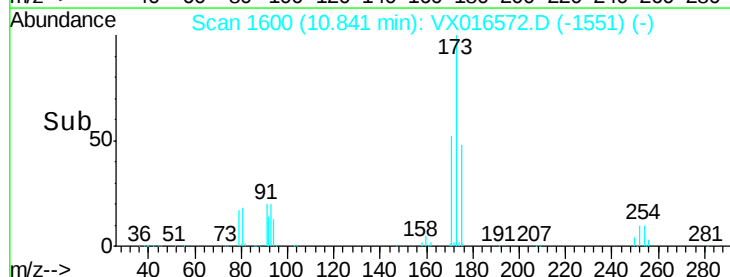
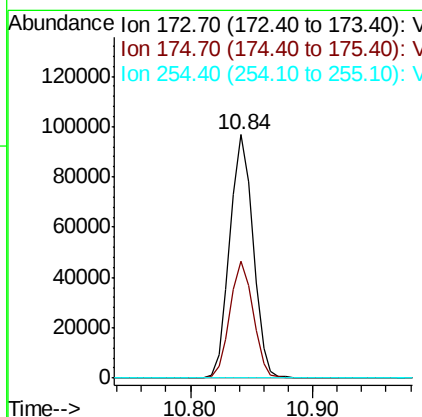
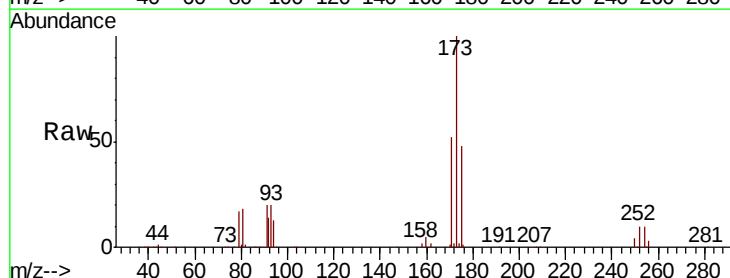
Instrument :
MSVOA_X
ClientSampled :

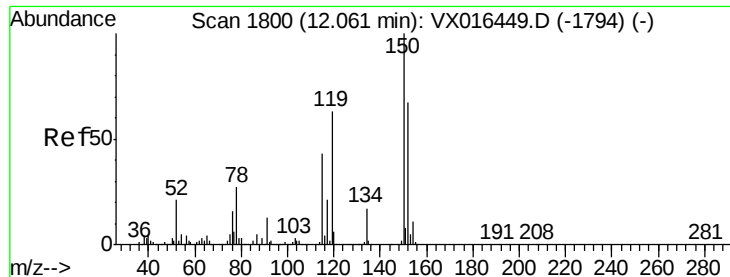
Tot Ion	Ratio	Lower	Upper
104	100		
78	50.2	40.2	60.2
103	54.1	43.1	64.7



#71
Bromoform
Concen: 52.665 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.9	71.7
254	0.1	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

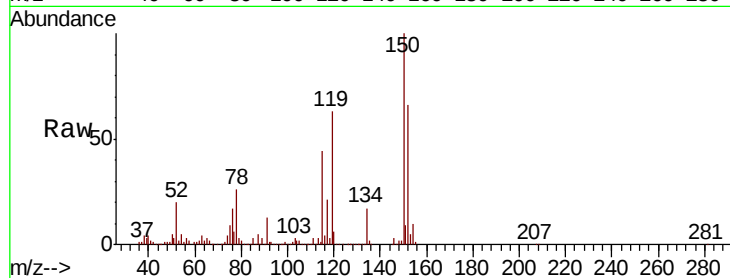
Tot Ion:152 Resp: 188716

Ion Ratio Lower Upper

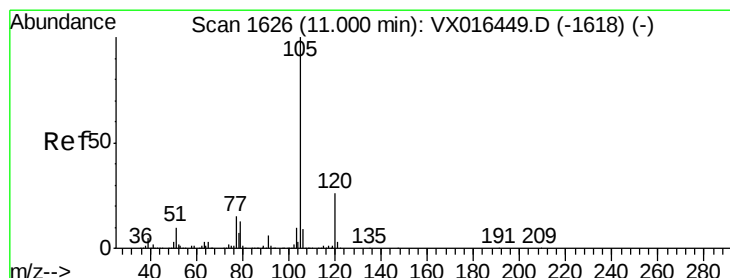
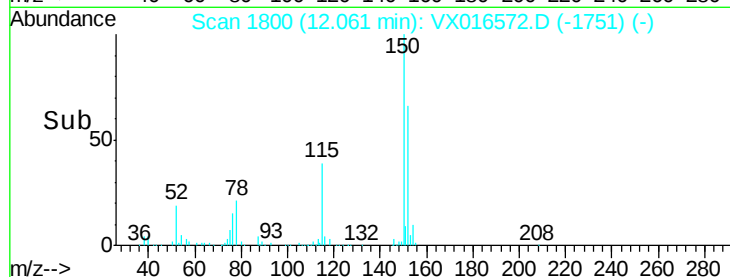
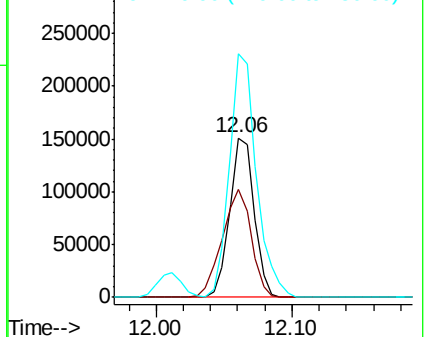
152 100

115 80.5 39.9 119.6

150 168.6 0.0 341.0



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: 48.729 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016572.D

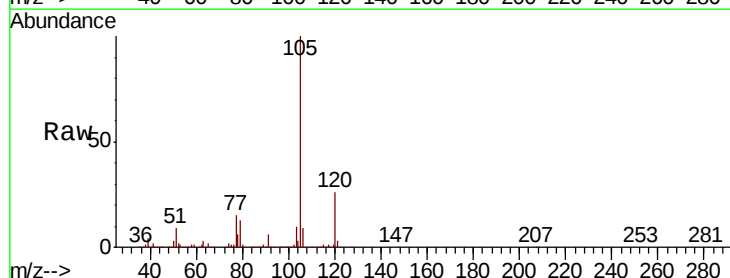
Acq: 03 Jun 2020 17:28

Tgt Ion:105 Resp: 637172

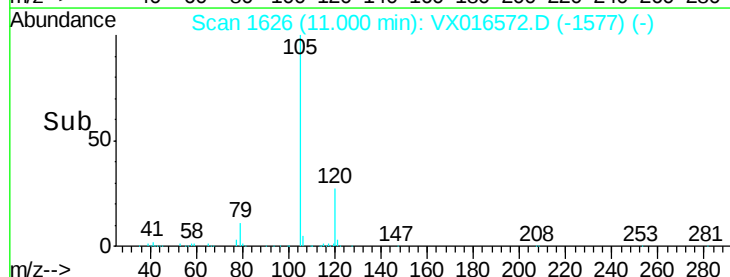
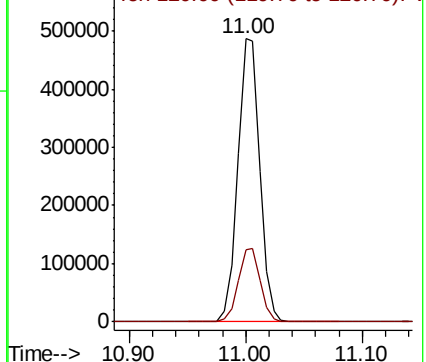
Ion Ratio Lower Upper

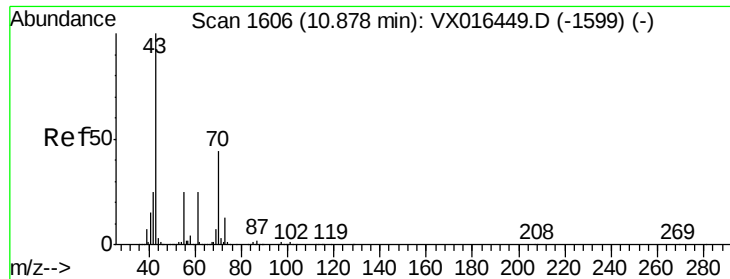
105 100

120 26.1 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

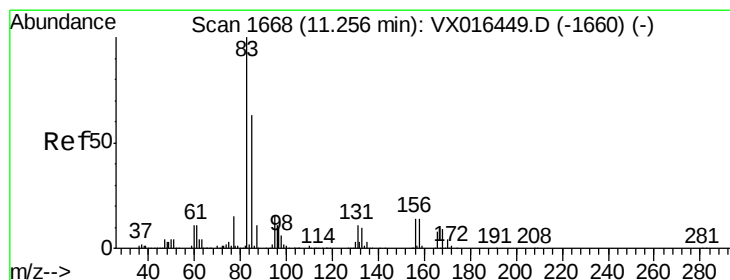
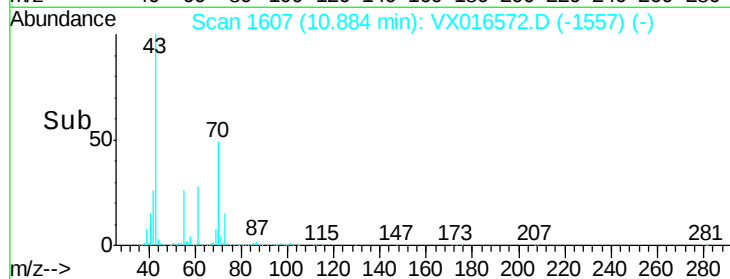
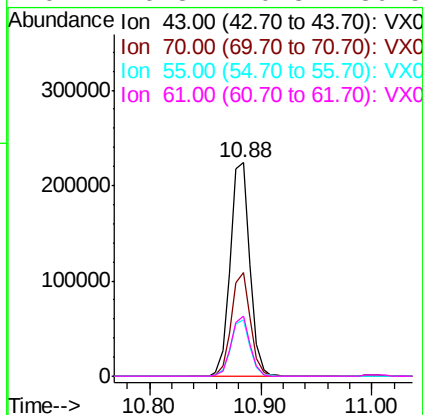
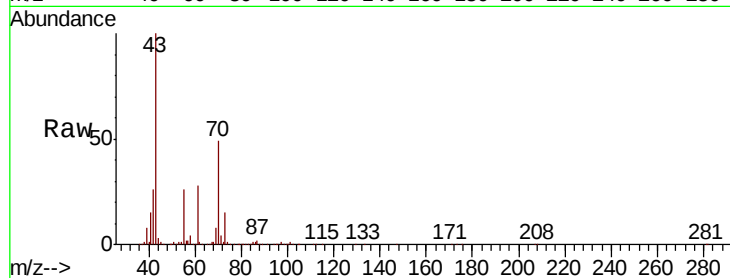




#74
N-amvl acetate
Concen: 45.067 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

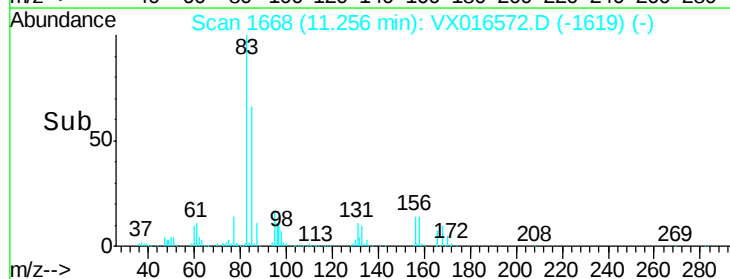
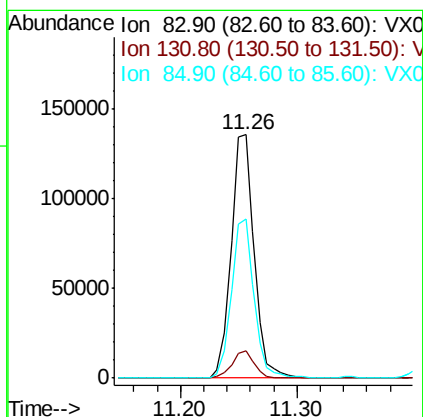
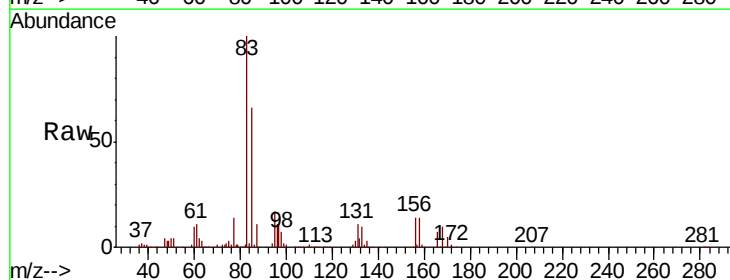
Instrument :
MSVOA_X
ClientSampleId :

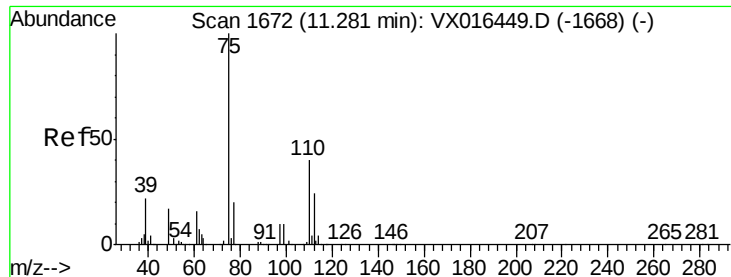
Tot Ion:	43	Resp:	271053
Ion	Ratio	Lower	Upper
43	100		
70	47.4	36.1	54.1
55	25.8	20.2	30.4
61	26.8	20.3	30.5



#75
1,1,2,2-Tetrachloroethane
Concen: 56.743 ug/l
RT: 11.26 min Scan# 1668
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion:	83	Resp:	185949
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.1	15.3
85	64.6	32.0	96.2

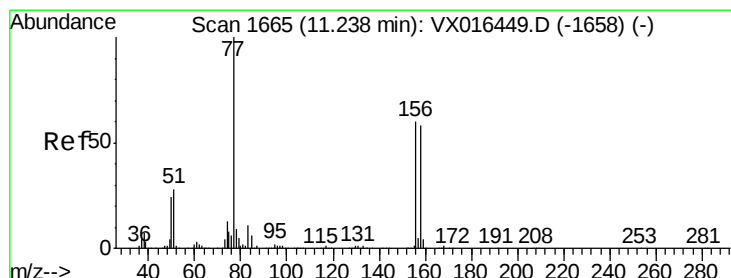
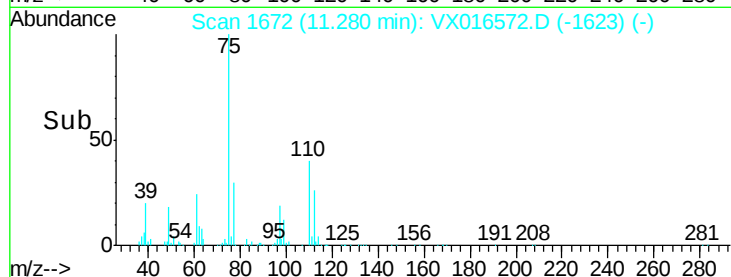
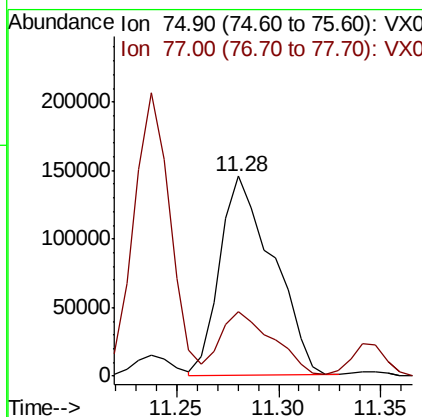
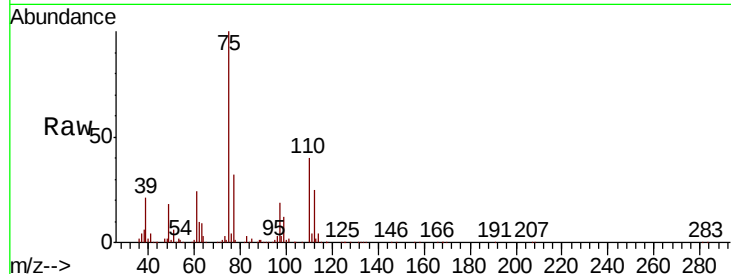




#76
1,2,3-Trichloropropane
Concen: 63.428 ug/l
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

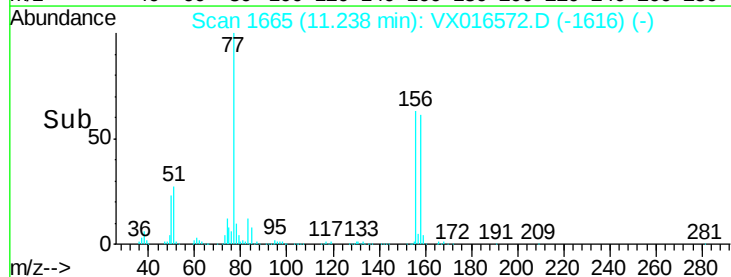
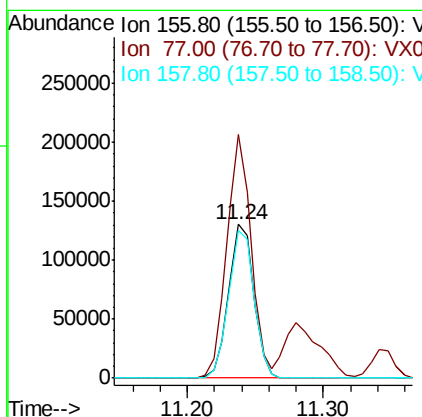
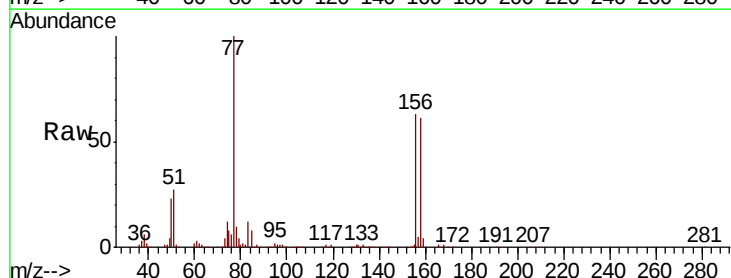
Instrument :
MSVOA_X
ClientSampleId :

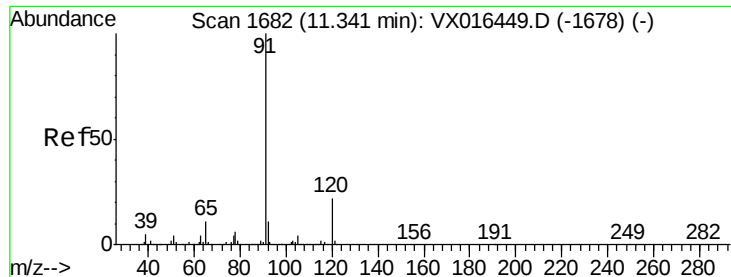
Tot Ion: 75 Resp: 263105
Ion Ratio Lower Upper
75 100
77 32.1 21.3 63.7



#77
Bromobenzene
Concen: 49.221 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion: 156 Resp: 168806
Ion Ratio Lower Upper
156 100
77 152.0 79.6 238.8
158 97.0 48.1 144.4





#78

n-propylbenzene

Concen: 48.888 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

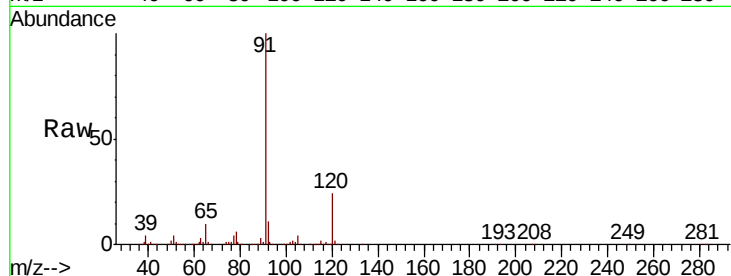
ClientSampleId :

Tot Ion: 91 Resp: 714181

Ion Ratio Lower Upper

91 100

120 23.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.35

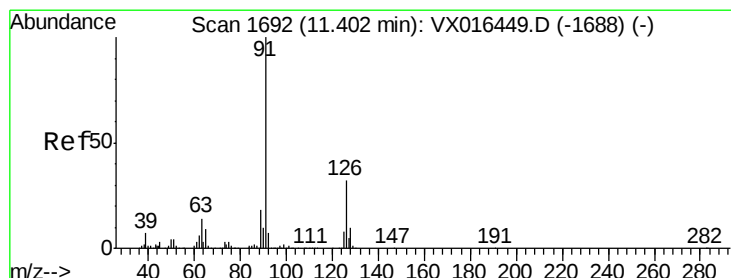
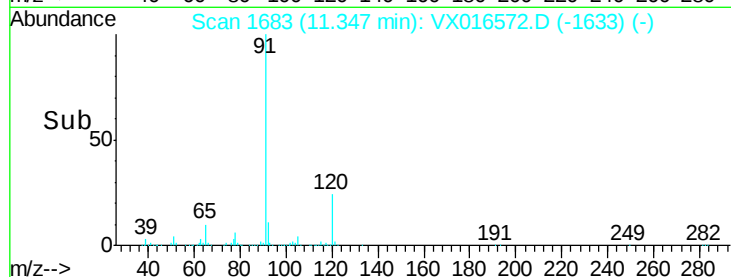
600000

400000

200000

0

Time-->



#79

2-Chlorotoluene

Concen: 48.673 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016572.D

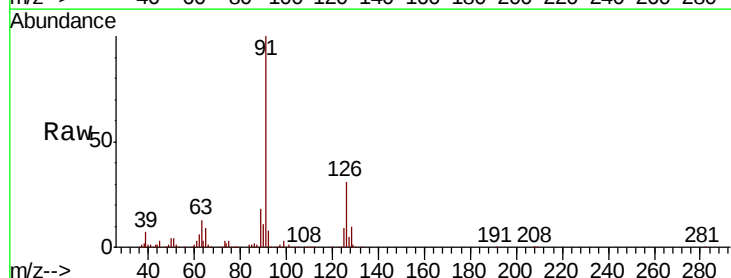
Acq: 03 Jun 2020 17:28

Tgt Ion: 91 Resp: 434015

Ion Ratio Lower Upper

91 100

126 33.7 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.40

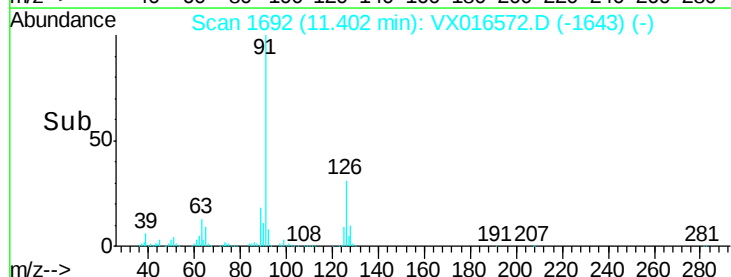
600000

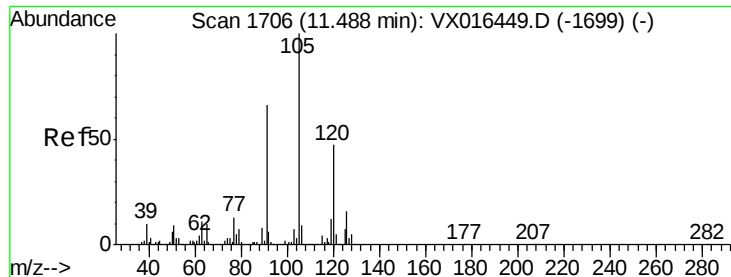
400000

200000

0

Time-->



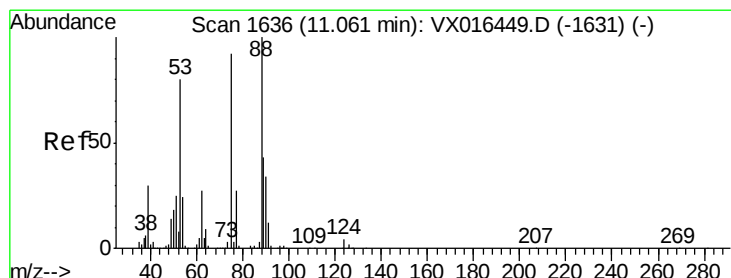
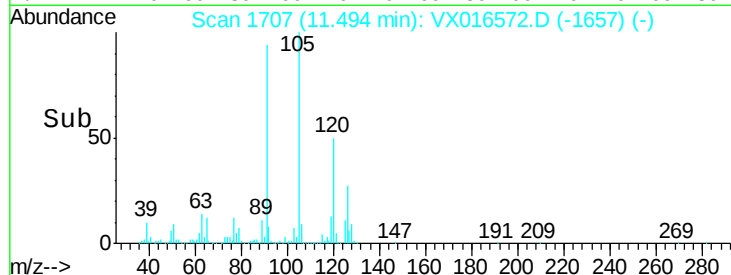
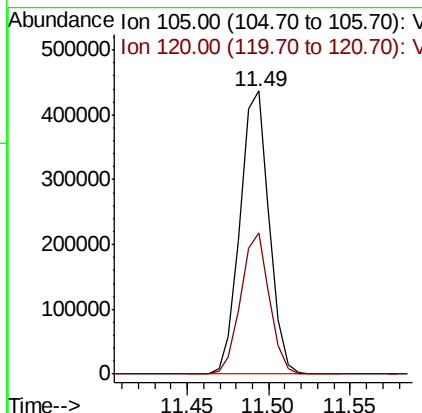
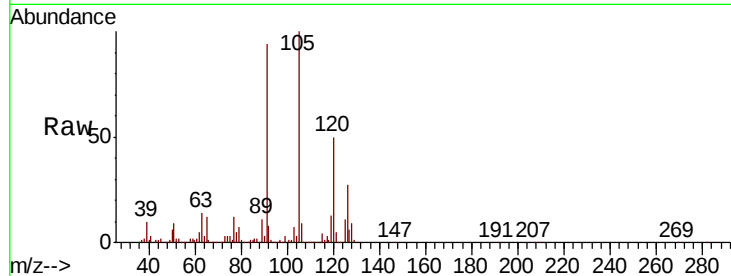


#80

1,3,5-Trimethylbenzene
Concen: 49.604 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampled :

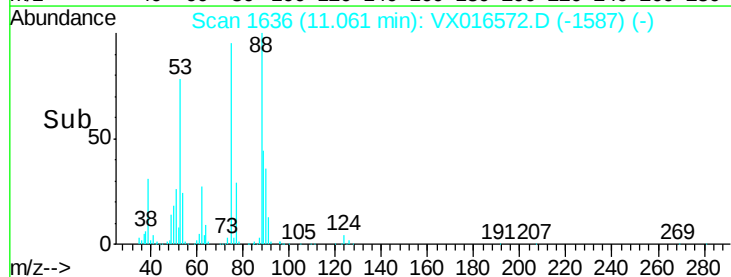
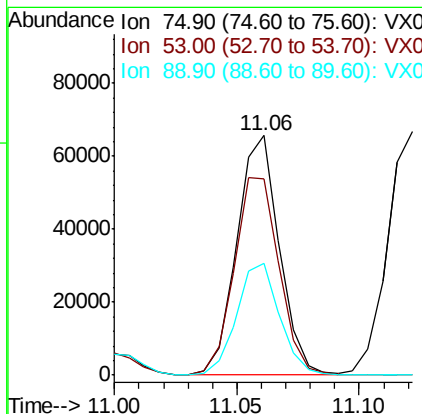
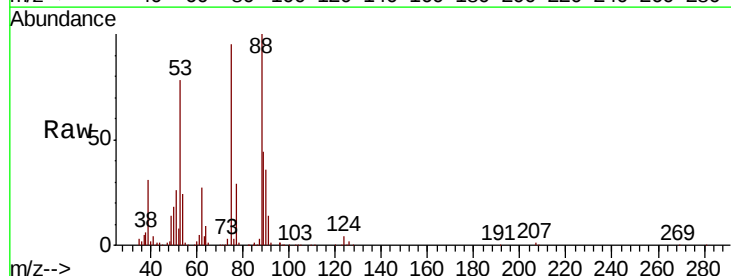
Tot Ion:105 Resp: 541577
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.8

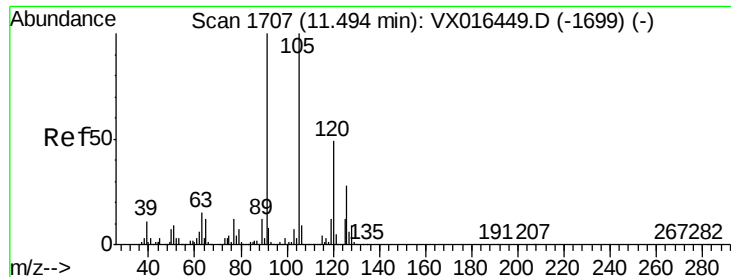


#81

trans-1,4-Dichloro-2-butene
Concen: 46.656 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion: 75 Resp: 78676
Ion Ratio Lower Upper
75 100
53 87.6 71.3 106.9
89 47.4 36.6 55.0





#82

4-Chlorotoluene

Concen: 48.441 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

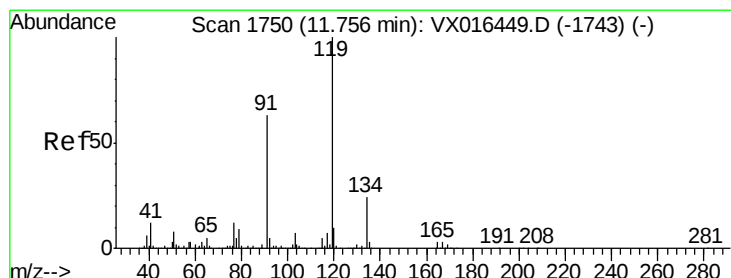
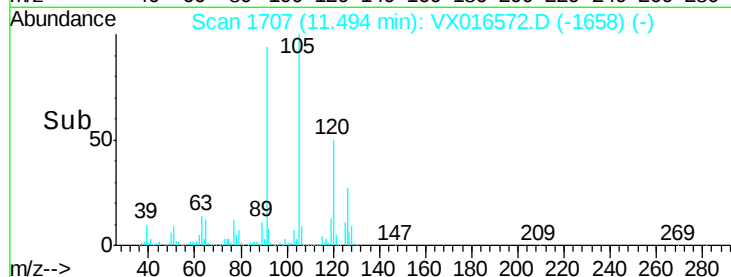
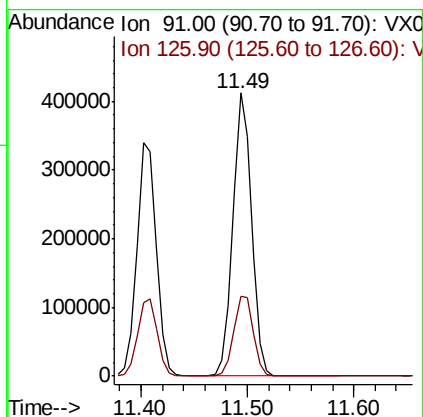
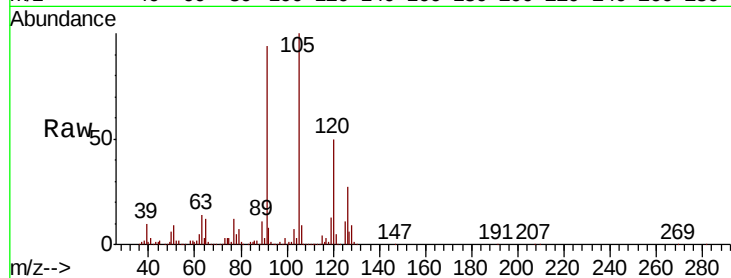
ClientSampleId :

Tot Ion: 91 Resp: 510085

Ion Ratio Lower Upper

91 100

126 29.7 14.7 44.1



#83

tert-Butylbenzene

Concen: 52.950 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

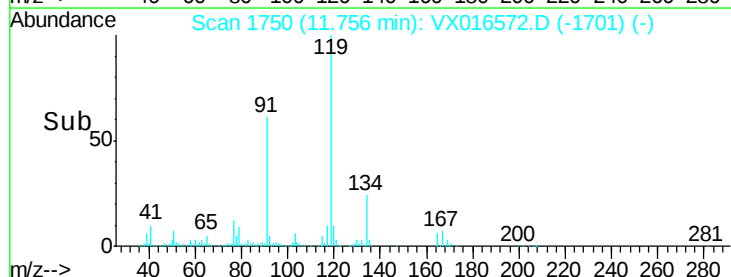
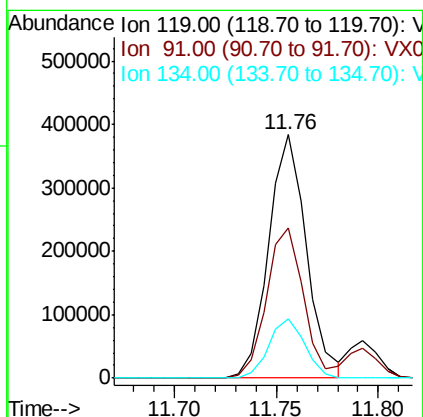
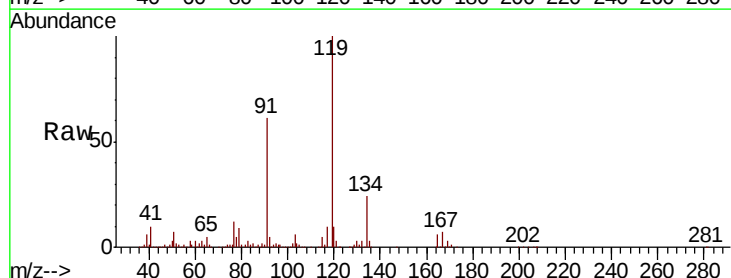
Tgt Ion: 119 Resp: 493973

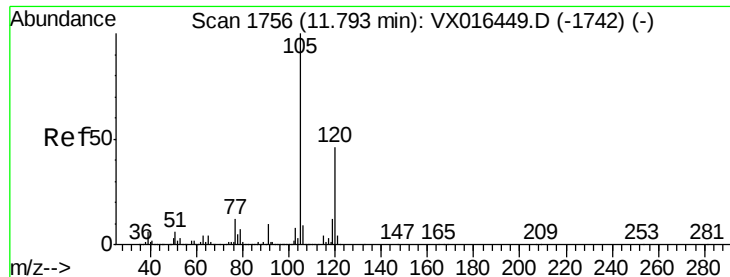
Ion Ratio Lower Upper

119 100

91 59.7 31.3 93.8

134 23.3 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 50.059 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

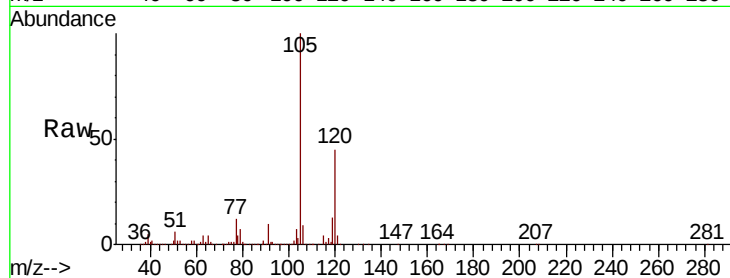
ClientSampleId :

Tot Ion:105 Resp: 552728

Ion Ratio Lower Upper

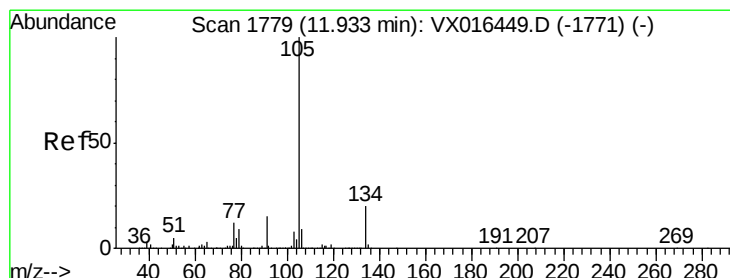
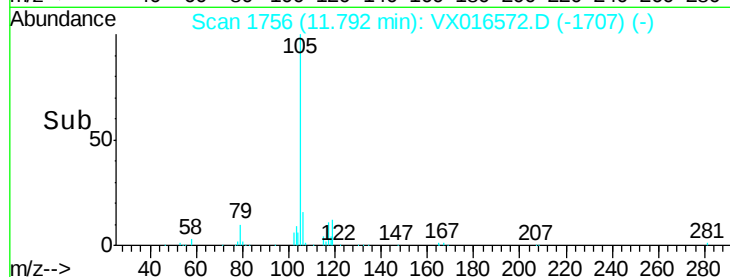
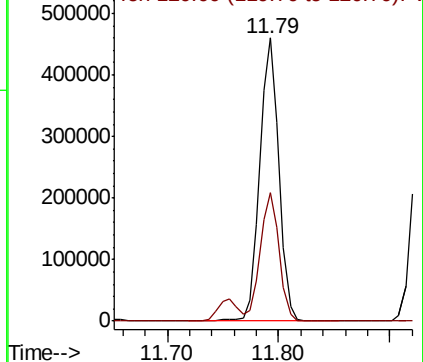
105 100

120 44.9 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 50.538 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016572.D

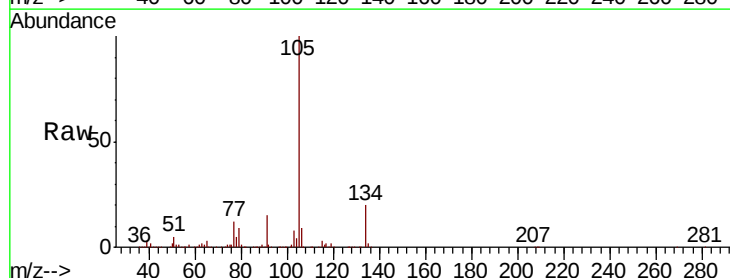
Acq: 03 Jun 2020 17:28

Tgt Ion:105 Resp: 591443

Ion Ratio Lower Upper

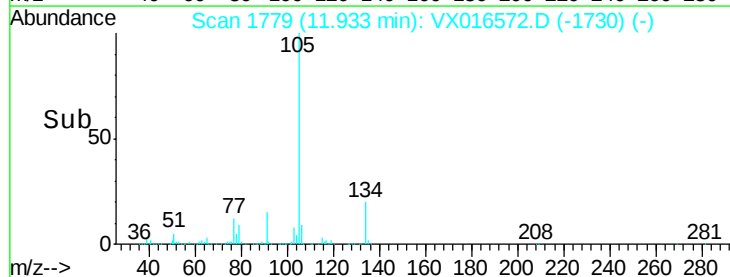
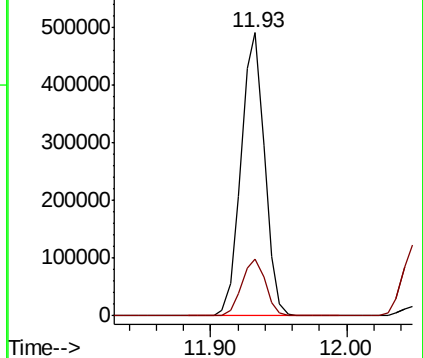
105 100

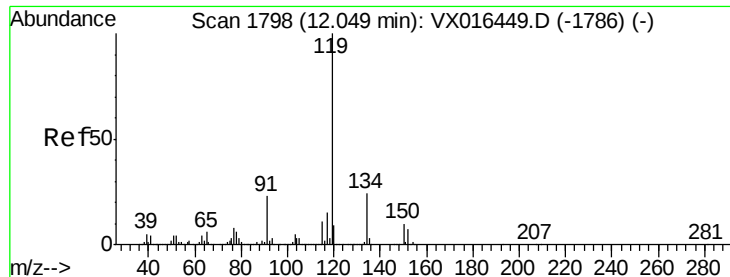
134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

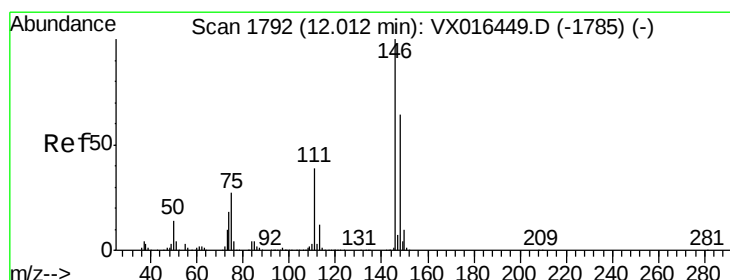
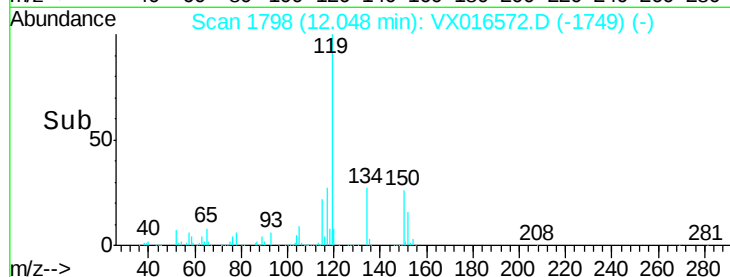
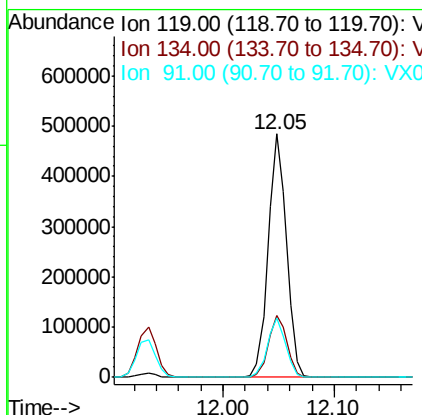
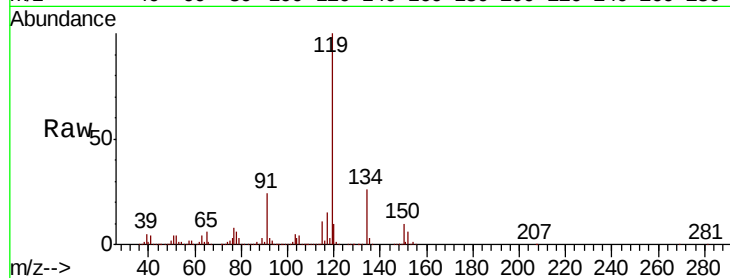




#86
 p-Isopropyltoluene
 Concen: 50.988 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

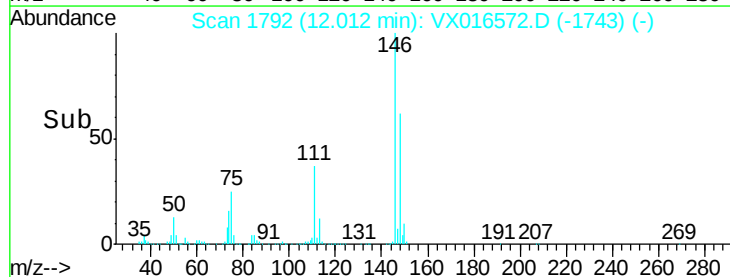
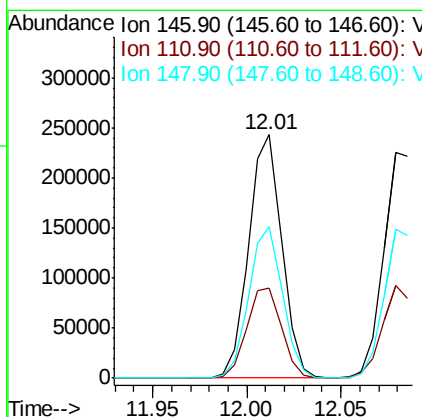
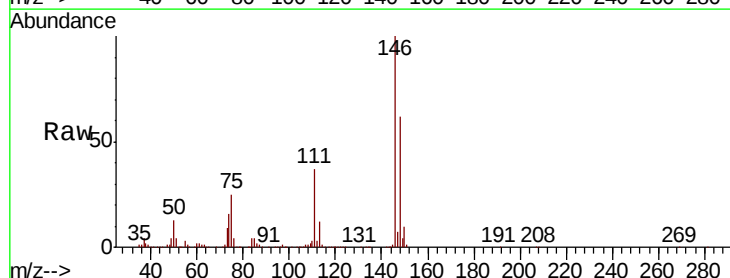
Instrument :
 MSVOA_X
 ClientSampleId :

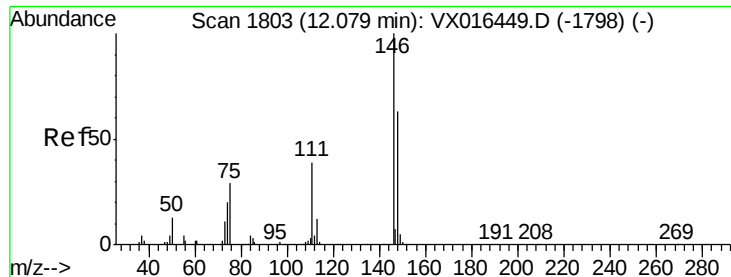
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.7	38.0
91	24.1	11.7	35.0



#87
 1,3-Dichlorobenzene
 Concen: 49.967 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.0	60.0
148	63.1	31.9	95.5

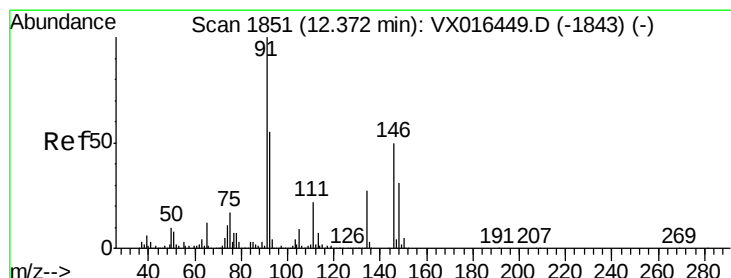
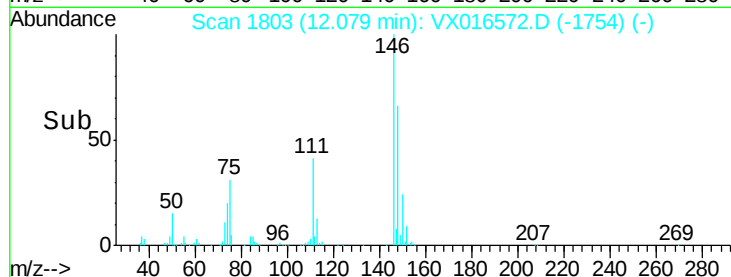
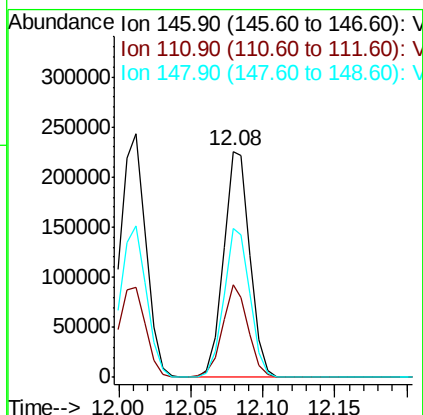
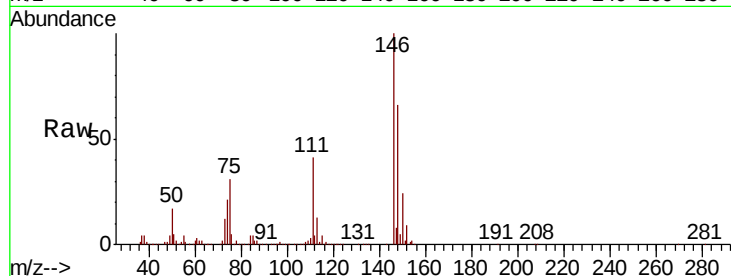




#88
 1,4-Dichlorobenzene
 Concen: 47.674 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

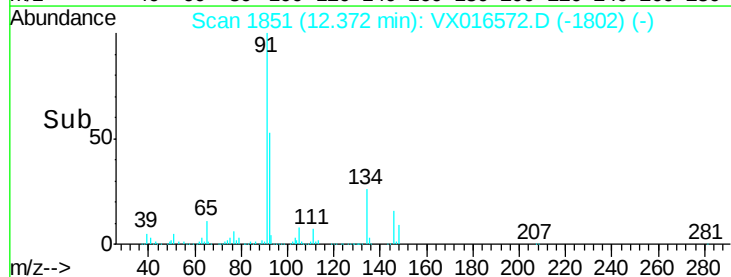
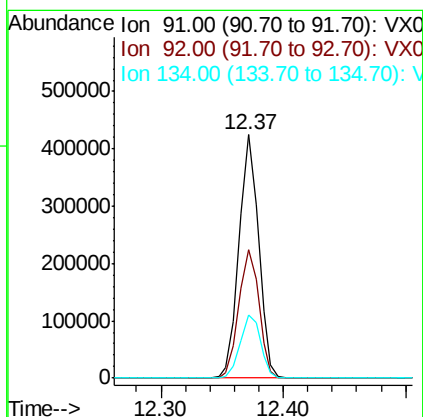
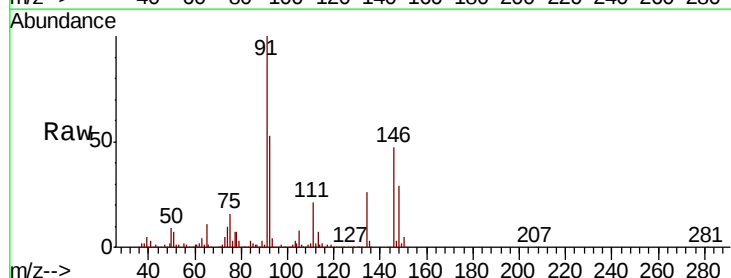
Instrument :
 MSVOA_X
 ClientSampleId :

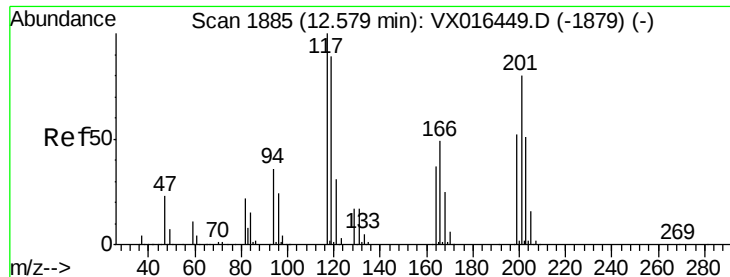
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.2
148	65.3	31.4	94.3



#89
 n-Butylbenzene
 Concen: 51.318 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.2	81.5
134	27.2	13.1	39.3





#90

Hexachloroethane

Concen: 50.882 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

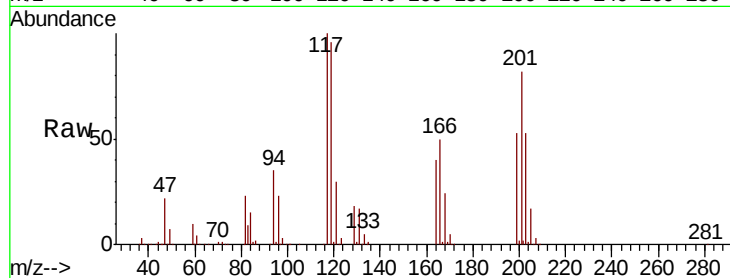
ClientSampleId :

Tot Ion:117 Resp: 96348

Ion Ratio Lower Upper

117 100

201 87.2 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

80000

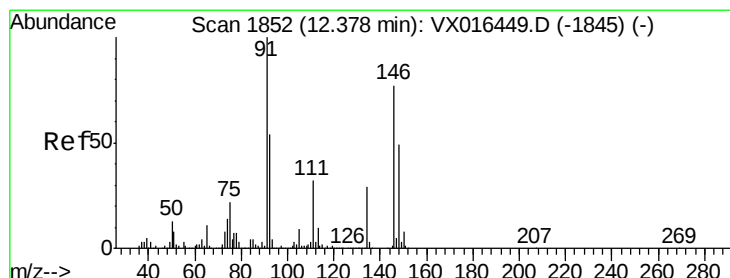
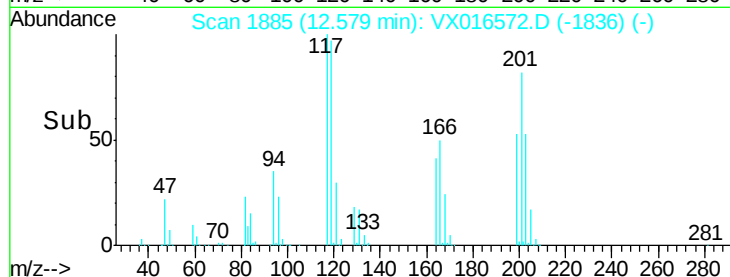
60000

40000

20000

0

Time--> 12.50 12.55 12.60 12.65



#91

1,2-Dichlorobenzene

Concen: 49.173 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

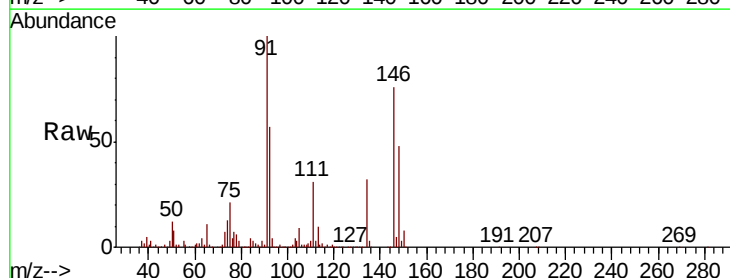
Tgt Ion:146 Resp: 283062

Ion Ratio Lower Upper

146 100

111 42.0 21.4 64.3

148 63.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

300000

250000

200000

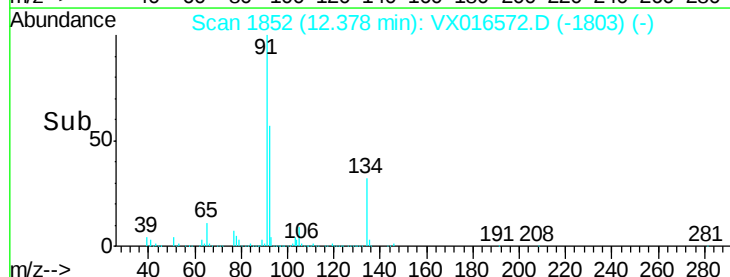
150000

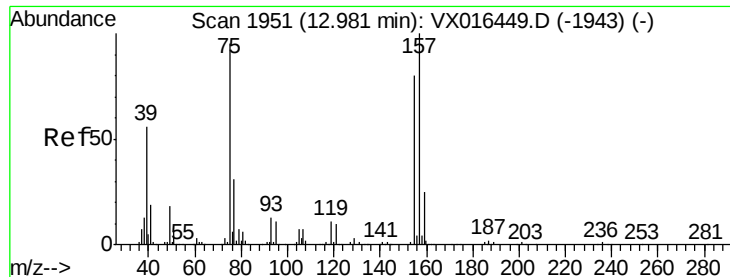
100000

50000

0

Time--> 12.30 12.40 12.50





#92

1,2-Dibromo-3-Chloropropane

Concen: 48.810 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

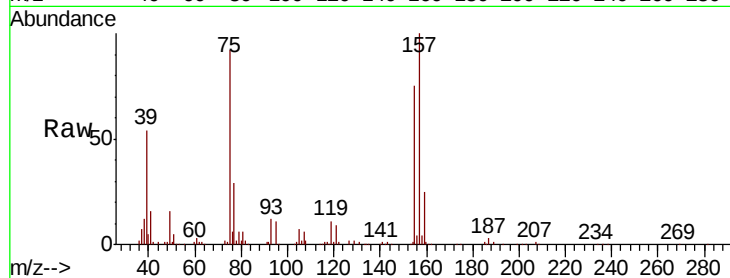
Tot Ion: 75 Resp: 51810

Ion	Ratio	Lower	Upper
75	100		
155	91.9	44.1	132.4
157	118.7	57.8	173.3

75 100

155 91.9 44.1 132.4

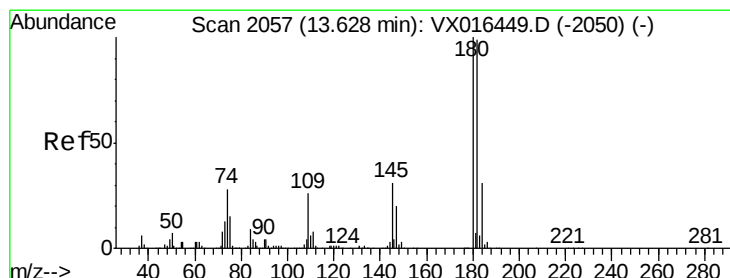
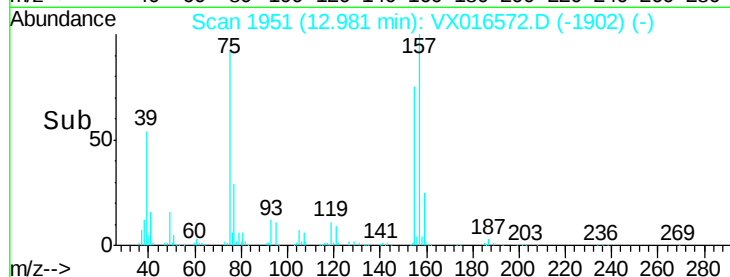
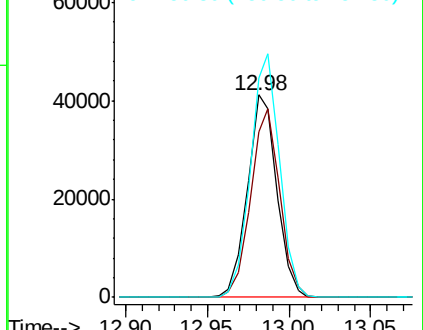
157 118.7 57.8 173.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 52.968 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

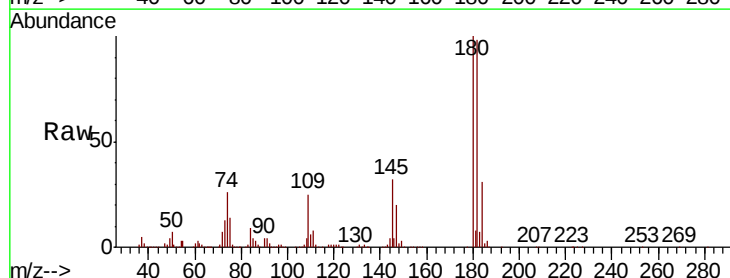
Tgt Ion: 180 Resp: 202501

Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.3	144.8
145	30.8	15.4	46.2

180 100

182 95.2 48.3 144.8

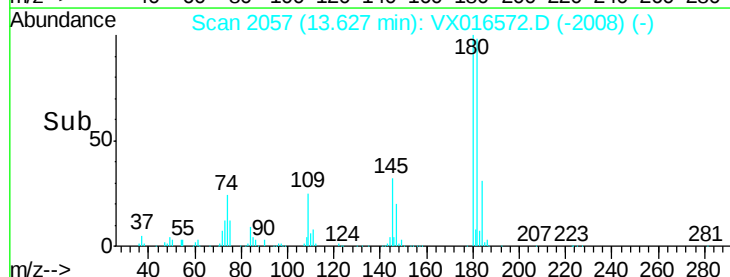
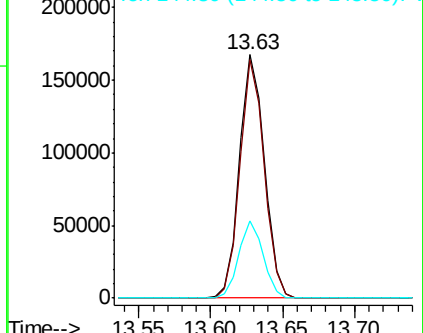
145 30.8 15.4 46.2

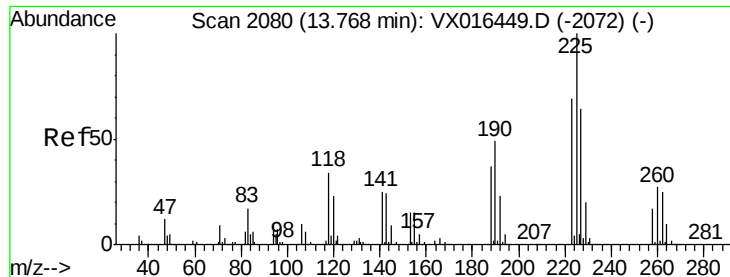


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 54.690 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

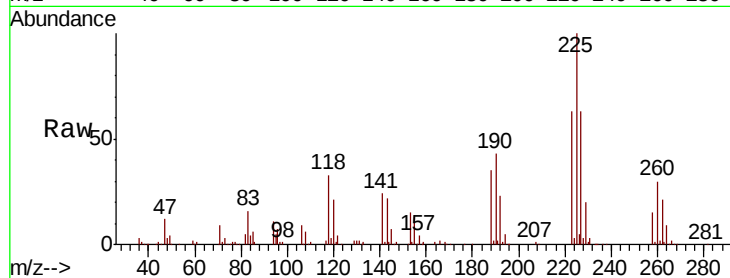
Tot Ion:225 Resp: 82091

Ion Ratio Lower Upper

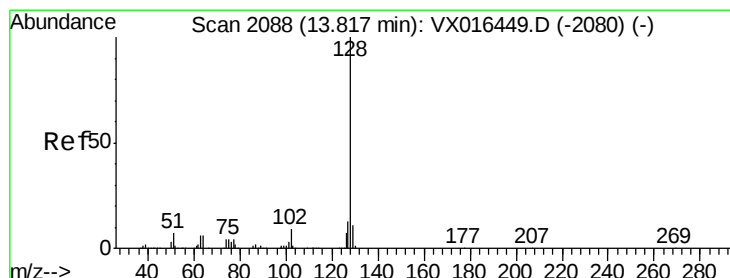
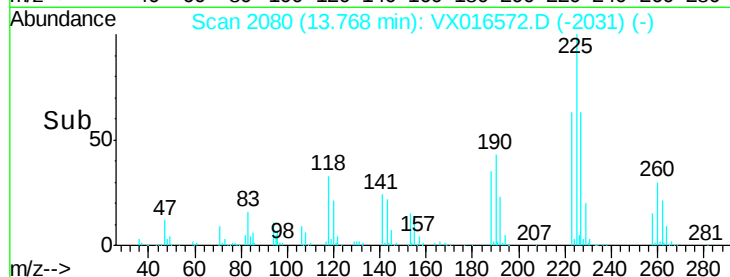
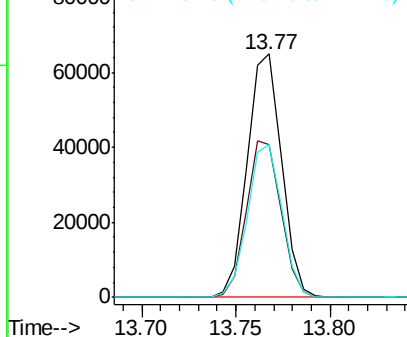
225 100

223 64.6 32.3 96.8

227 62.9 31.6 94.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 51.312 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

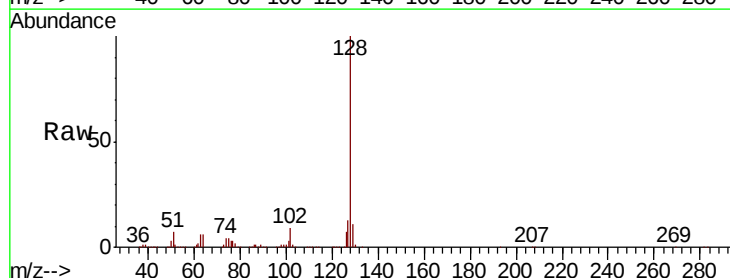
Tgt Ion:128 Resp: 672494

Ion Ratio Lower Upper

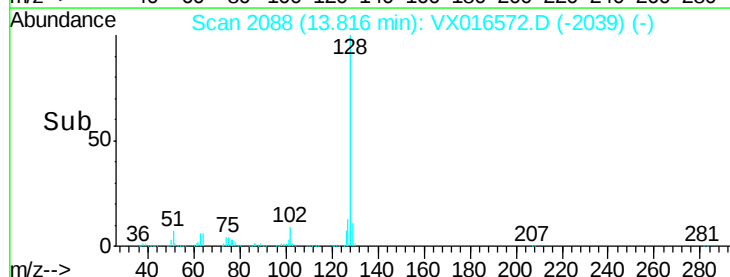
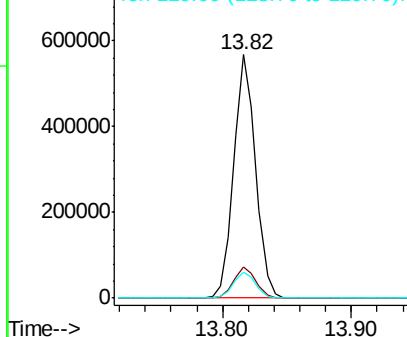
128 100

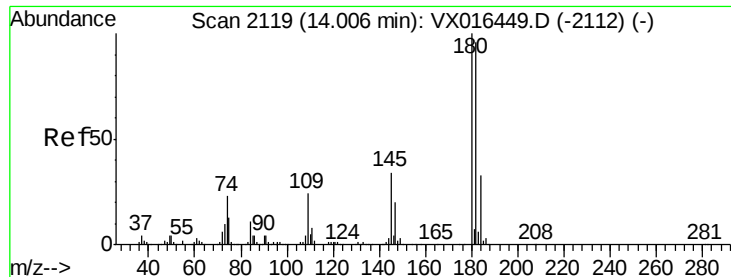
127 12.8 10.6 15.8

129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 53.369 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.6	145.8
145	32.9	16.6	49.8

