

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016571.D
 Acq On : 03 Jun 2020 17:06
 Operator : JC/SP
 Sample : L2867-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 08:26:01 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	237586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	378467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	357433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	183542	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	150679	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
35) Dibromofluoromethane	5.47	113	118528	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	
50) Toluene-d8	8.70	98	466322	51.41	ug/l	0.00
Spiked Amount			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	11.12	95	180009	51.36	ug/l	0.00
Spiked Amount			Recovery	=	102.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	113016	48.337	ug/l	97
3) Chloromethane	1.31	50	129637	45.881	ug/l	99
4) Vinyl Chloride	1.39	62	148418	49.670	ug/l	98
5) Bromomethane	1.62	94	60619	41.724	ug/l	99
6) Chloroethane	1.70	64	90207	51.753	ug/l	96
7) Trichlorofluoromethane	1.91	101	204330	52.070	ug/l	100
8) Diethyl Ether	2.17	74	82669	50.522	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	104462	48.368	ug/l	99
10) Methyl Iodide	2.49	142	83626	33.484	ug/l	100
11) Tert butyl alcohol	3.02	59	188451	249.075	ug/l	100
12) 1,1-Dichloroethene	2.36	96	114187	49.949	ug/l	98
13) Acrolein	2.27	56	93378	290.130	ug/l	97
14) Allyl chloride	2.70	41	207481	49.350	ug/l	98
15) Acrylonitrile	3.12	53	407688	263.050	ug/l	99
16) Acetone	2.42	43	337772	261.295	ug/l	99
17) Carbon Disulfide	2.55	76	328686	48.416	ug/l	99
18) Methyl Acetate	2.75	43	170251	51.350	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	438655	53.435	ug/l	97
20) Methylene Chloride	2.83	84	134538	50.304	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	129302	51.134	ug/l	96
22) Diisopropyl ether	3.82	45	398328	49.319	ug/l	99
23) Vinyl Acetate	3.79	43	1775551	251.160	ug/l	98
24) 1,1-Dichloroethane	3.67	63	234684	51.483	ug/l	100
25) 2-Butanone	4.64	43	560500	255.889	ug/l	97
26) 2,2-Dichloropropane	4.55	77	195338	52.368	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	154161	52.698	ug/l	99
28) Bromochloromethane	4.98	49	98541	46.518	ug/l	93
29) Tetrahydrofuran	5.09	42	359296	253.900	ug/l	96
30) Chloroform	5.18	83	241739	52.630	ug/l	98
31) Cyclohexane	5.55	56	188305	45.917	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	219822	52.862	ug/l	99
36) 1,1-Dichloropropene	5.77	75	176895	49.366	ug/l	98
37) Ethyl Acetate	4.79	43	237469	55.198	ug/l	98
38) Carbon Tetrachloride	5.76	117	194790	51.727	ug/l	100

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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)
39) Methylcyclohexane	7.44	83	182893	46.990	ug/l	98
40) Benzene	6.12	78	541752	50.768	ug/l	99
41) Methacrylonitrile	5.01	41	113392	47.984	ug/l	98
42) 1,2-Dichloroethane	6.17	62	191024	50.337	ug/l	100
43) Isopropyl Acetate	6.41	43	323219	48.166	ug/l	98
44) Trichloroethene	7.19	130	160361	47.364	ug/l	95
45) 1,2-Dichloropropane	7.49	63	134466	49.497	ug/l	98
46) Dibromomethane	7.64	93	93002	50.969	ug/l	98
47) Bromodichloromethane	7.88	83	196720	52.068	ug/l	100
48) Methyl methacrylate	7.74	41	157035	48.875	ug/l	97
49) 1,4-Dioxane	7.71	88	71268	947.805	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1058807	253.400	ug/l	98
52) Toluene	8.77	92	346018	51.421	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	223419	52.005	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	231867	50.990	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	139155	52.011	ug/l	98
56) Ethyl methacrylate	9.16	69	227424	52.193	ug/l	97
57) 1,3-Dichloropropane	9.35	76	236687	51.539	ug/l	99
59) 2-Hexanone	9.48	43	829601	255.312	ug/l	98
60) Dibromochloromethane	9.57	129	160702	53.373	ug/l	99
61) 1,2-Dibromoethane	9.65	107	150207	52.427	ug/l	100
64) Tetrachloroethene	9.32	164	170671	42.679	ug/l	98
65) Chlorobenzene	10.12	112	370353	50.823	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	146498	52.666	ug/l	99
67) Ethyl Benzene	10.24	91	655683	50.538	ug/l	99
68) m/p-Xylenes	10.34	106	501766	104.308	ug/l	99
69) o-Xylene	10.68	106	238214	51.133	ug/l	99
70) Stvrene	10.70	104	420191	52.474	ug/l	100
71) Bromoform	10.84	173	127038	54.038	ug/l #	99
73) Isopropylbenzene	11.01	105	634424	49.887	ug/l	99
74) N-amyl acetate	10.88	43	276729	47.307	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	187409	58.800	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	268682	66.599	ug/l	83
77) Bromobenzene	11.24	156	167083	50.092	ug/l	97
78) n-propylbenzene	11.34	91	720357	50.701	ug/l	99
79) 2-Chlorotoluene	11.40	91	437114	50.402	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	548820	51.684	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	80040	48.803	ug/l	99
82) 4-Chlorotoluene	11.49	91	512925	50.084	ug/l	100
83) tert-Butylbenzene	11.76	119	500114	55.120	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	551614	51.366	ug/l	99
85) sec-Butylbenzene	11.93	105	605580	53.205	ug/l	100
86) p-Isopropyltoluene	12.05	119	563284	52.831	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	293549	50.798	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	297797	50.388	ug/l	99
89) n-Butylbenzene	12.37	91	469971	52.920	ug/l	99
90) Hexachloroethane	12.58	117	97842	53.128	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	282892	50.529	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51290	49.682	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	205785	55.344	ug/l	99

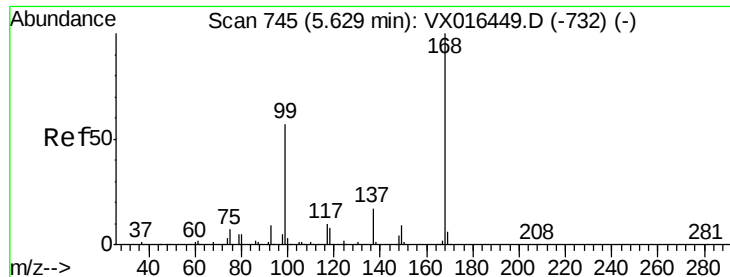
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	83409	57.134	ug/l	98
95) Naphthalene	13.82	128	669147	52.496	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	200492	55.038	ug/l	98

(#) = 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: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :

MSVOA_X

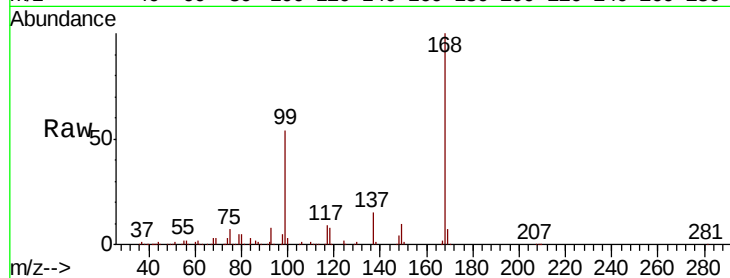
ClientSampled :

Tot Ion:168 Resp: 237586

Ion Ratio Lower Upper

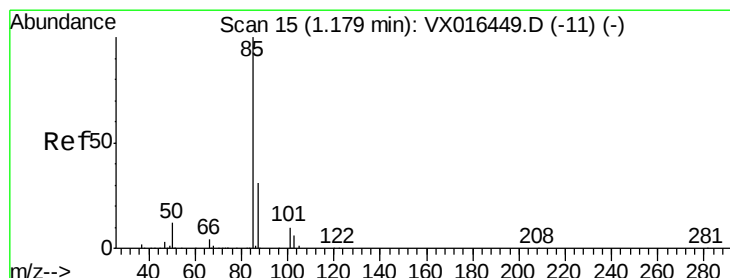
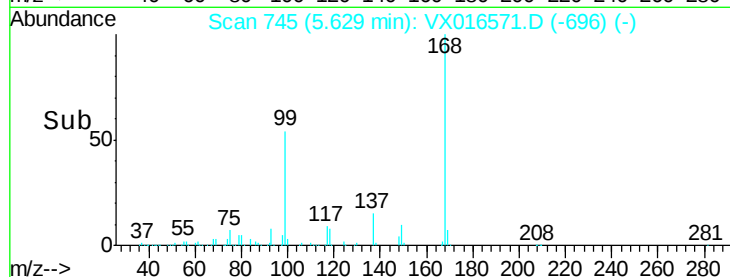
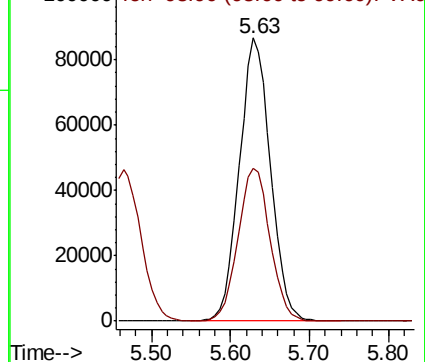
168 100

99 53.7 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.337 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016571.D

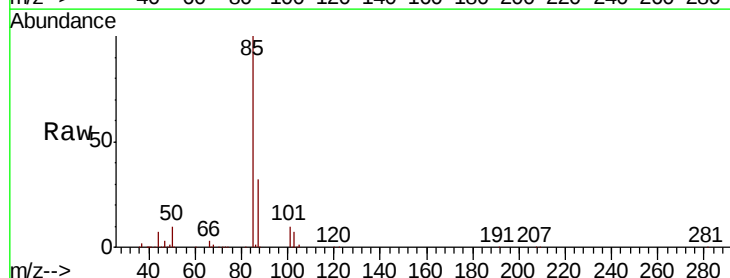
Acq: 03 Jun 2020 17:06

Tgt Ion: 85 Resp: 113016

Ion Ratio Lower Upper

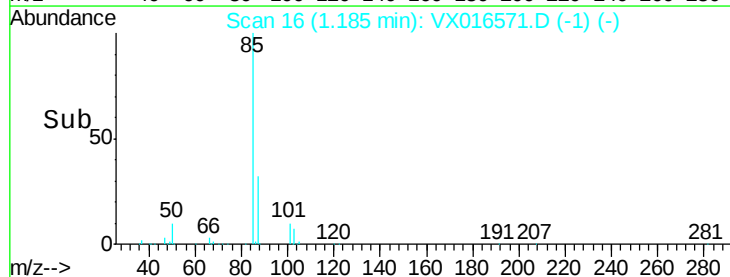
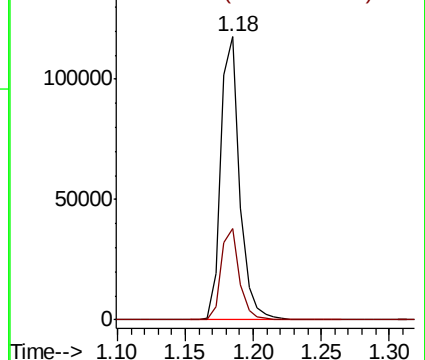
85 100

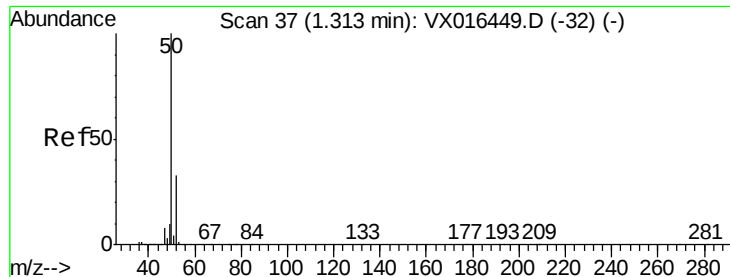
87 32.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.881 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :

MSVOA_X

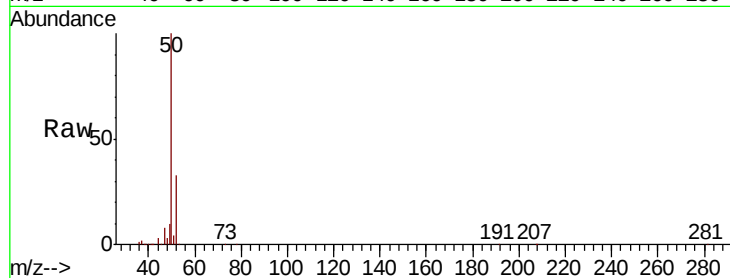
ClientSampleId :

Tot Ion: 50 Resp: 129637

Ion Ratio Lower Upper

50 100

52 33.2 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

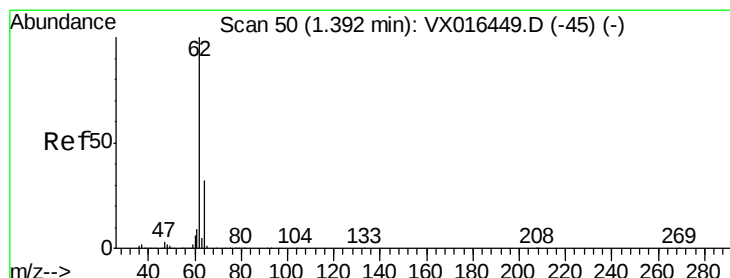
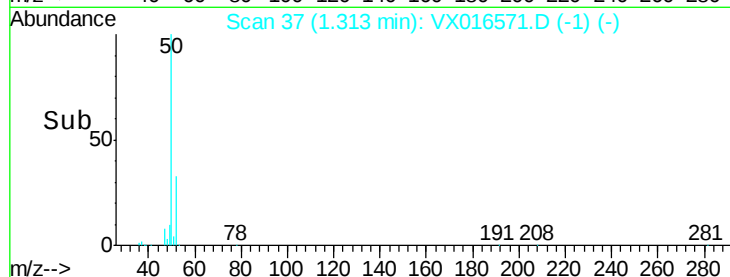
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 49.670 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016571.D

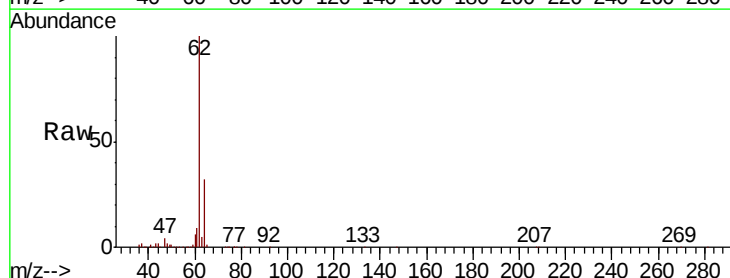
Acq: 03 Jun 2020 17:06

Tgt Ion: 62 Resp: 148418

Ion Ratio Lower Upper

62 100

64 31.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

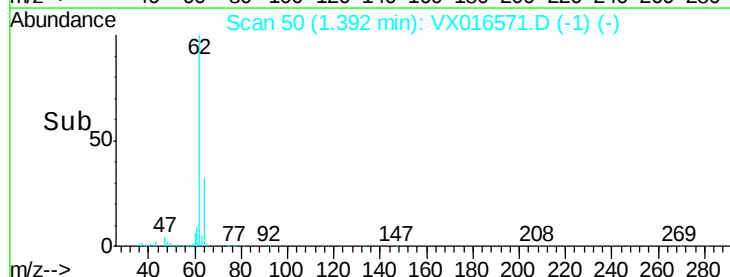
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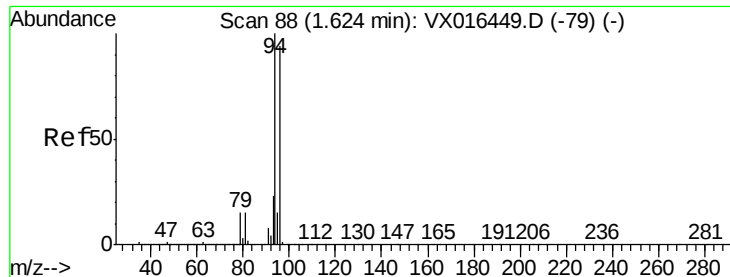
100000

50000

0

Time-->





#5

Bromomethane

Concen: 41.724 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

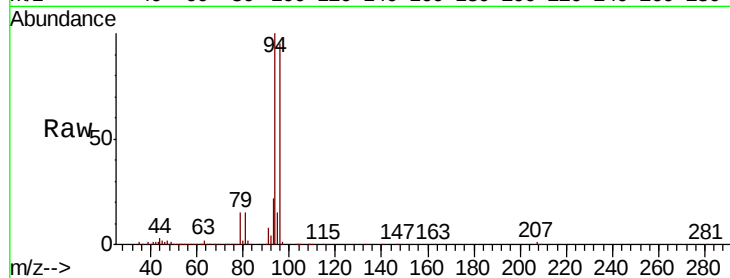
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 60619

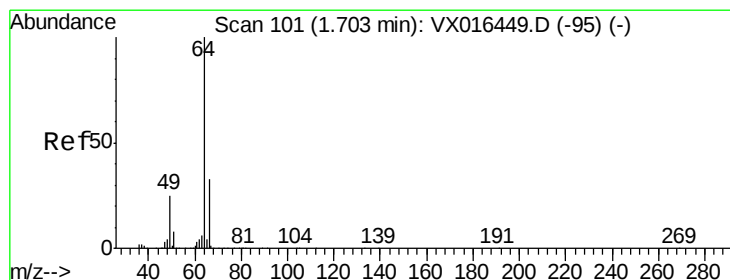
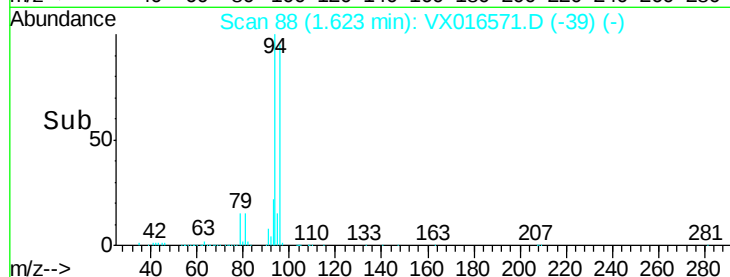
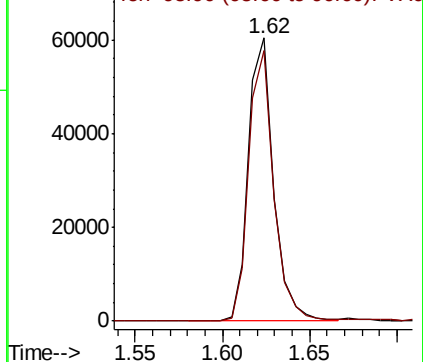
Ion Ratio Lower Upper

94 100

96 95.3 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.753 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016571.D

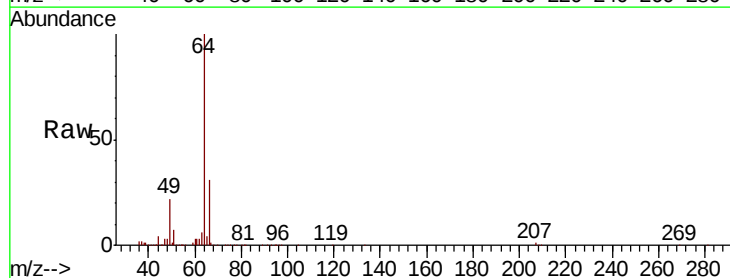
Acq: 03 Jun 2020 17:06

Tgt Ion: 64 Resp: 90207

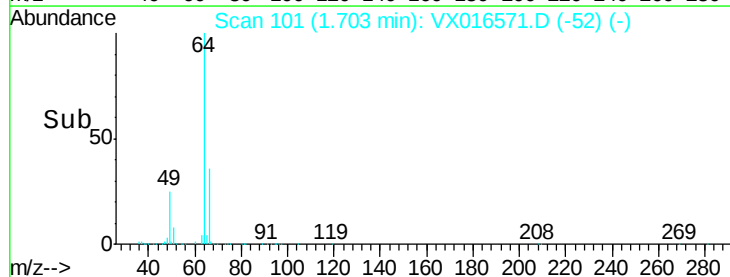
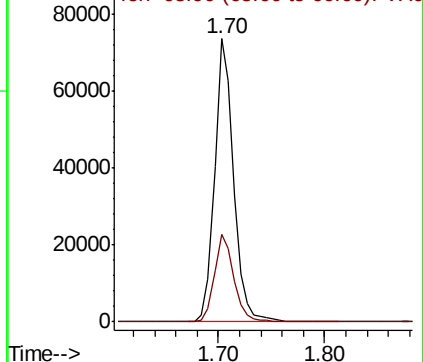
Ion Ratio Lower Upper

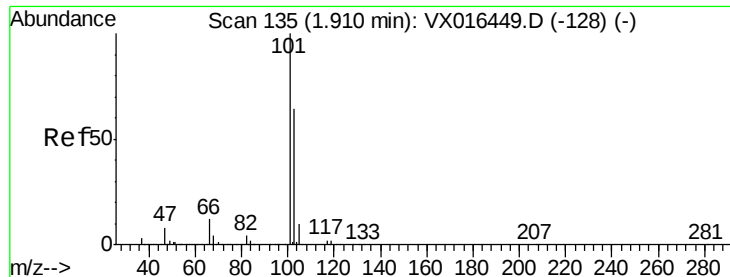
64 100

66 31.0 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



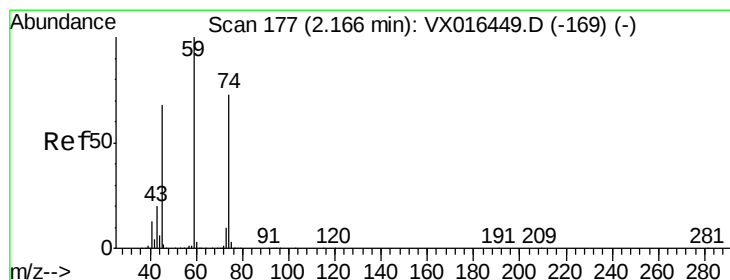
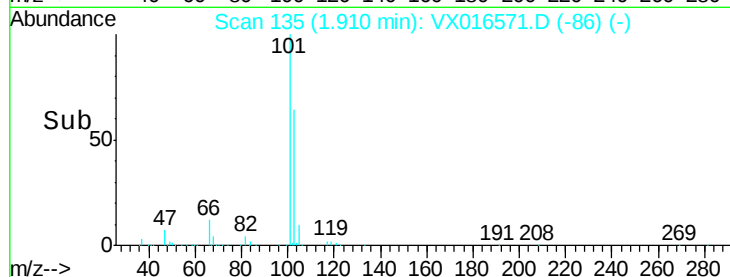
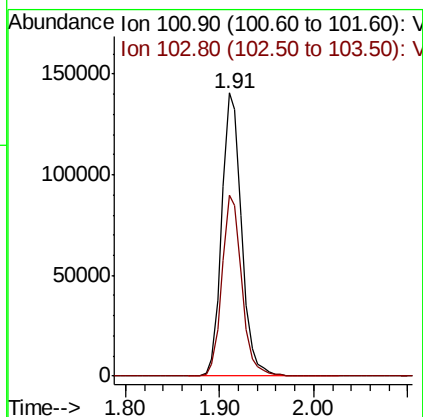
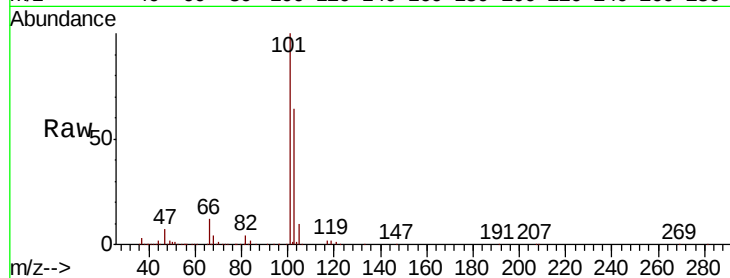


#7

Trichlorofluoromethane
 Concen: 52.070 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016571.D
 Acq: 03 Jun 2020 17:06

Instrument :
 MSVOA_X
 ClientSampleId :

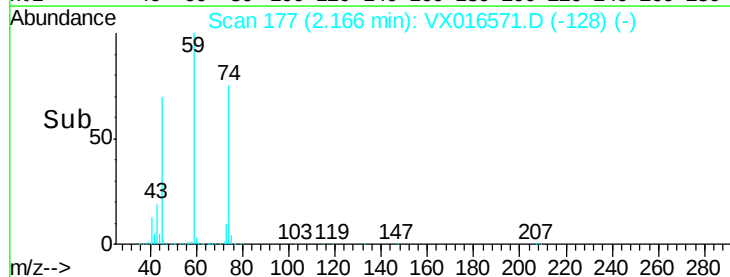
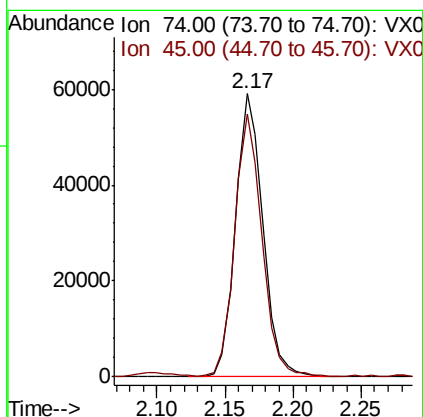
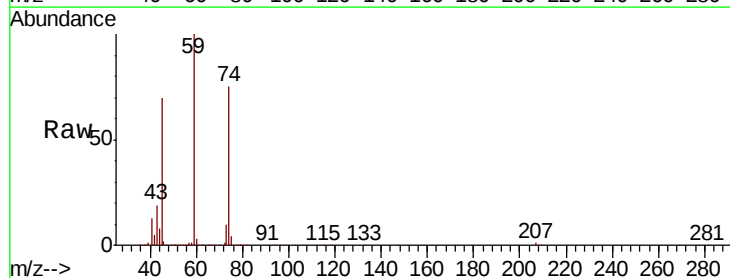
Tot Ion:101 Resp: 204330
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.9 76.3



#8

Diethyl Ether
 Concen: 50.522 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016571.D
 Acq: 03 Jun 2020 17:06

Tgt Ion: 74 Resp: 82669
 Ion Ratio Lower Upper
 74 100
 45 91.5 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.368 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :

MSVOA_X

ClientSampleId :

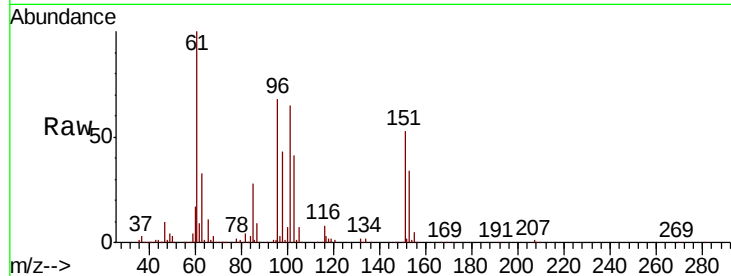
Tot Ion:101 Resp: 104462

Ion Ratio Lower Upper

101 100

85 42.7 34.4 51.6

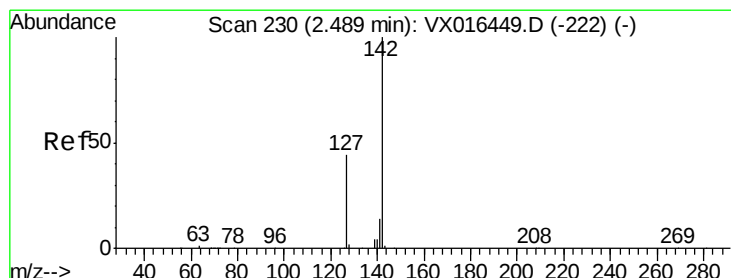
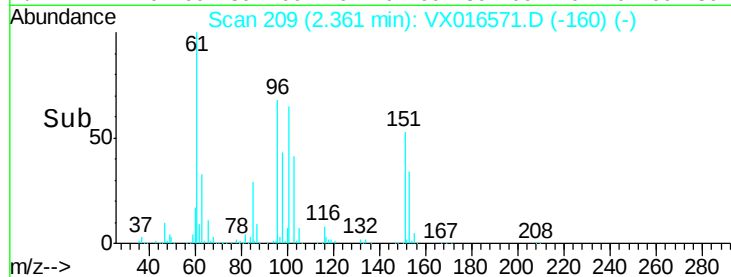
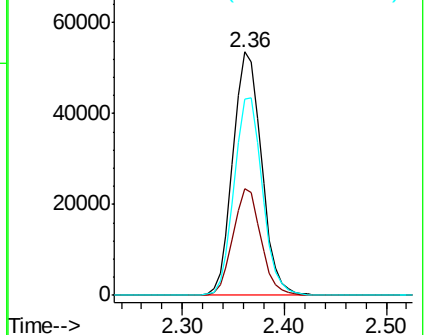
151 80.2 63.8 95.6



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: 33.484 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

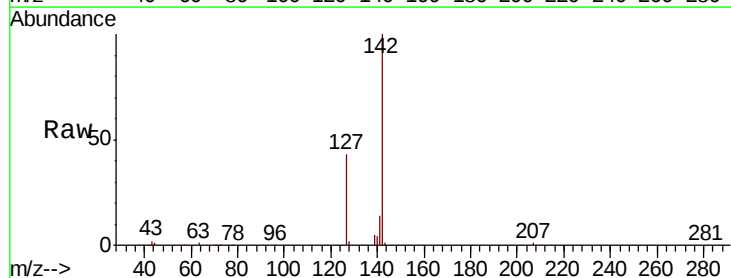
Tgt Ion:142 Resp: 83626

Ion Ratio Lower Upper

142 100

127 44.0 35.3 52.9

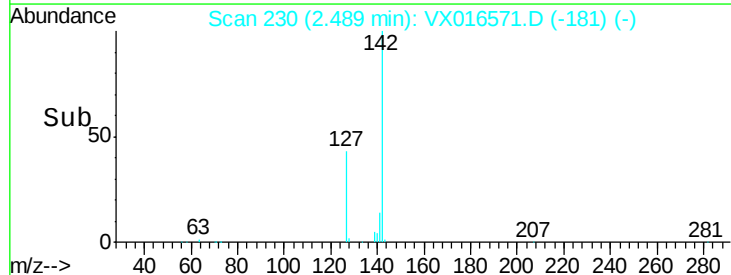
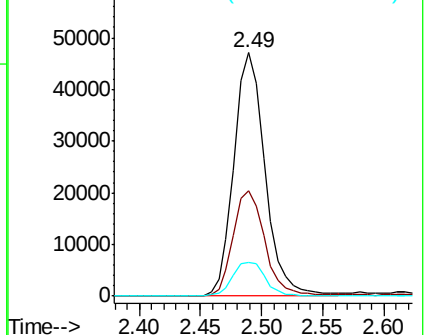
141 14.8 11.4 17.2

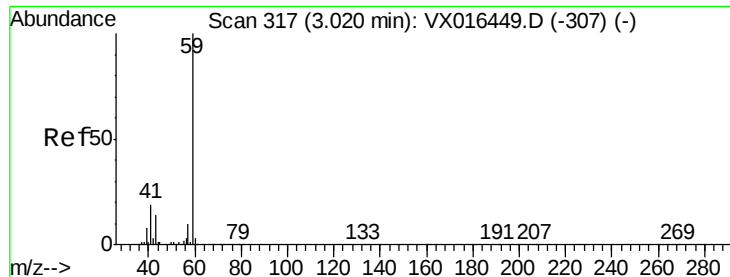


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



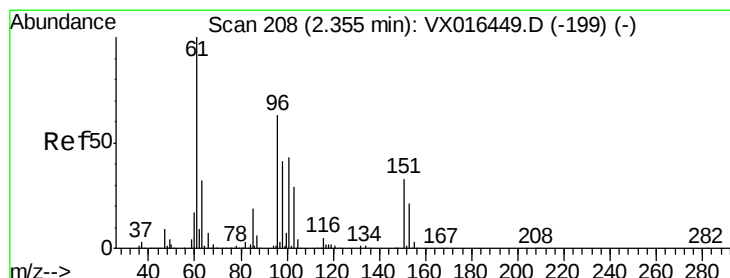
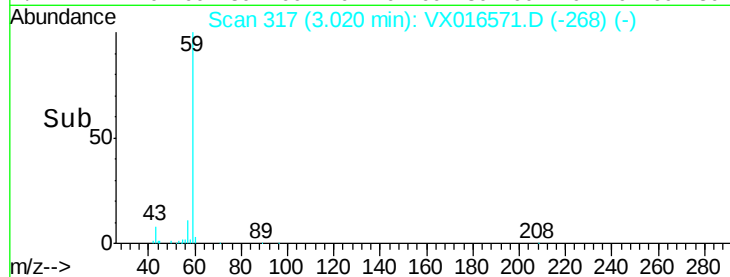
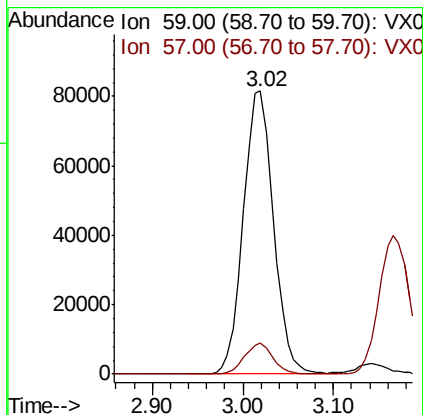
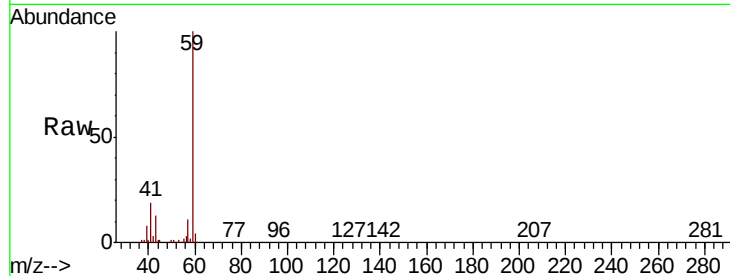


#11

Tert butyl alcohol
 Concen: 249.075 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016571.D
 Acq: 03 Jun 2020 17:06

Instrument :
 MSVOA_X
 ClientSampleId :

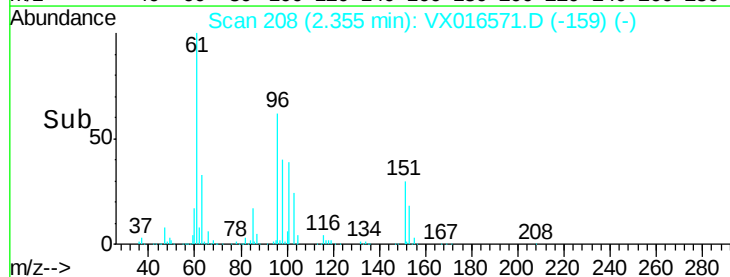
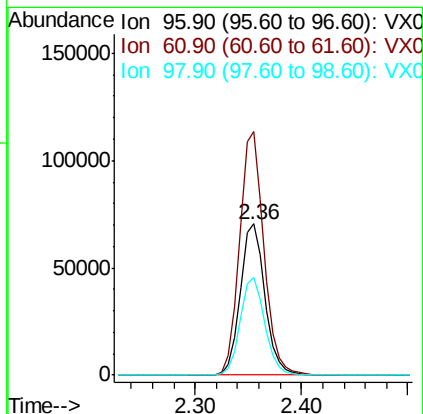
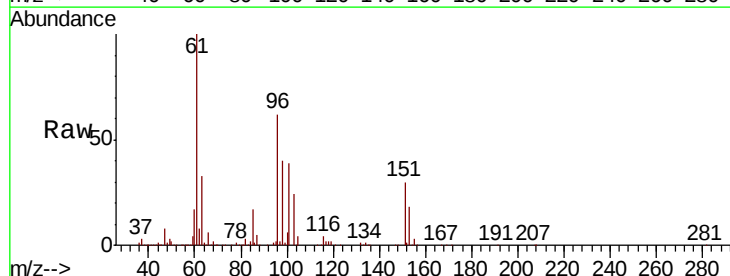
Tot Ion: 59 Resp: 188451
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

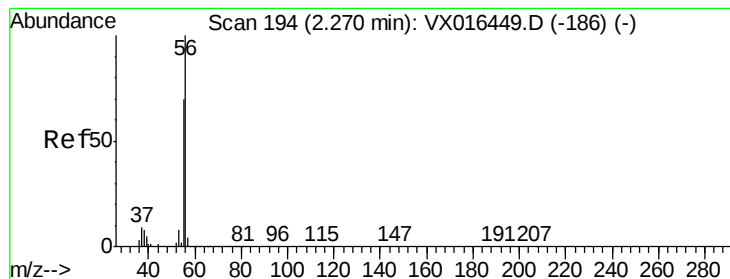


#12

1,1-Dichloroethene
 Concen: 49.949 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016571.D
 Acq: 03 Jun 2020 17:06

Tgt Ion: 96 Resp: 114187
 Ion Ratio Lower Upper
 96 100
 61 161.2 126.6 189.8
 98 65.0 51.3 76.9





#13

Acrolein

Concen: 290.130 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

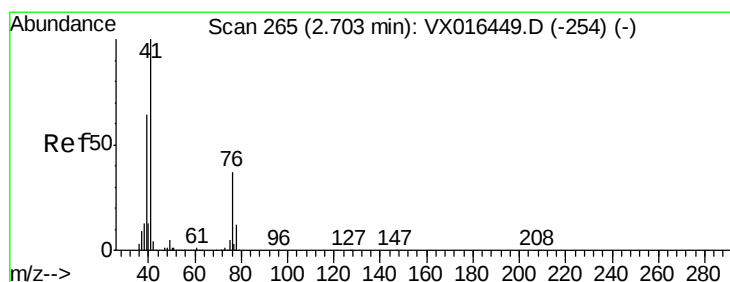
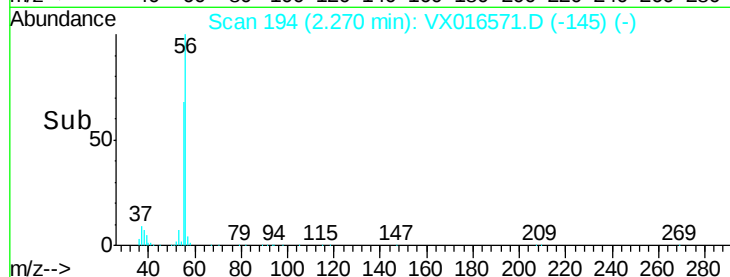
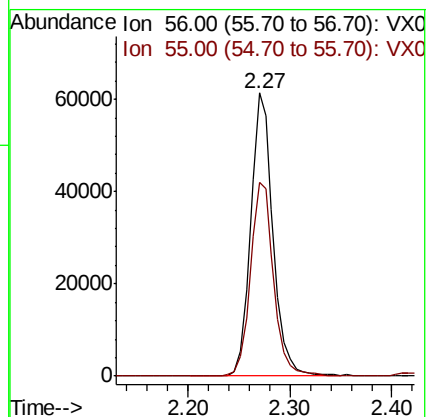
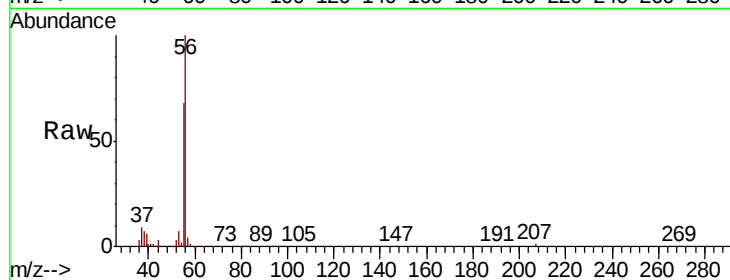
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 93378

Ion Ratio Lower Upper

56 100

55 70.3 58.3 87.5



#14

Allyl chloride

Concen: 49.350 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

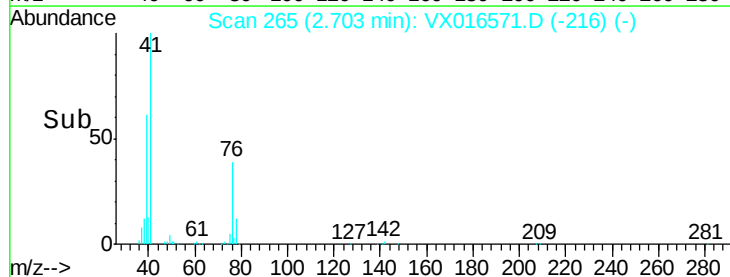
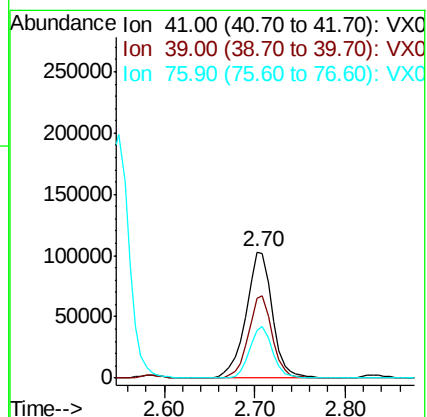
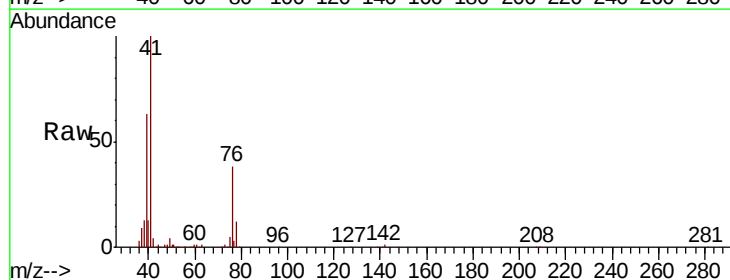
Tgt Ion: 41 Resp: 207481

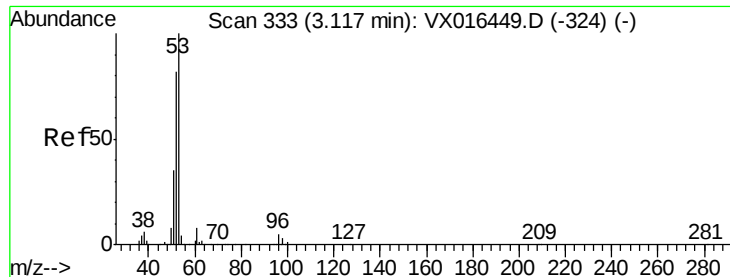
Ion Ratio Lower Upper

41 100

39 59.1 47.7 71.5

76 35.4 26.6 40.0





#15

Acrylonitrile

Concen: 263.050 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :

MSVOA_X

ClientSampleId :

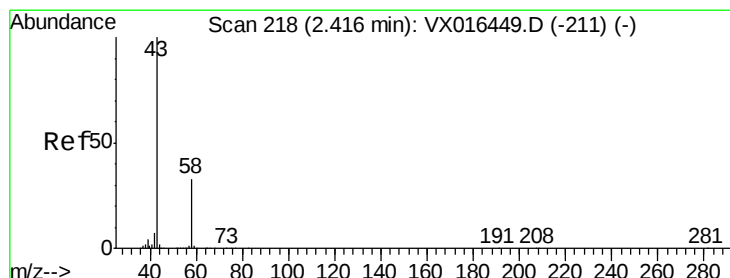
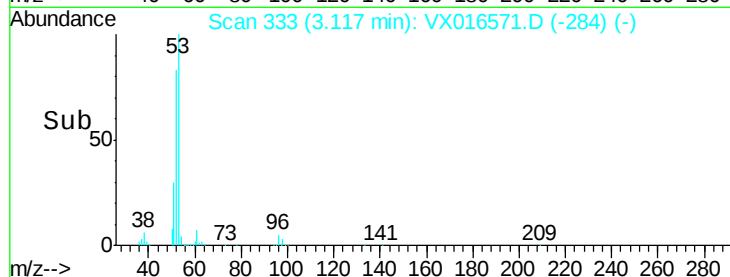
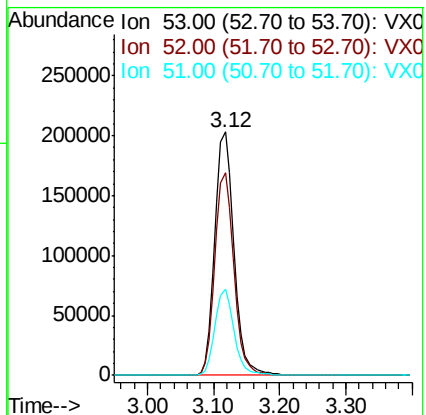
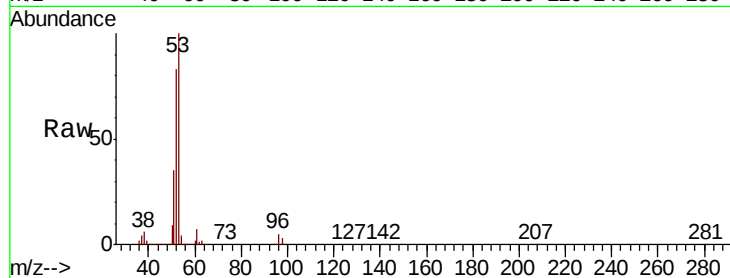
Tot Ion: 53 Resp: 407688

Ion Ratio Lower Upper

53 100

52 82.4 66.7 100.1

51 35.3 28.6 43.0



#16

Acetone

Concen: 261.295 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016571.D

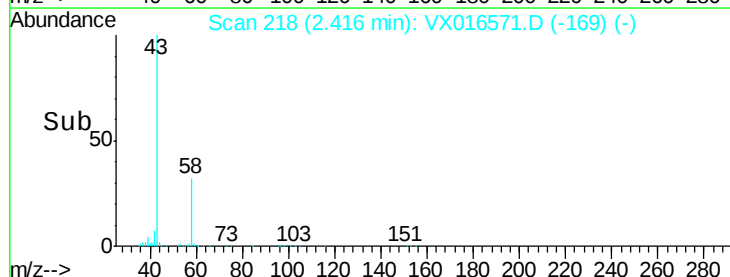
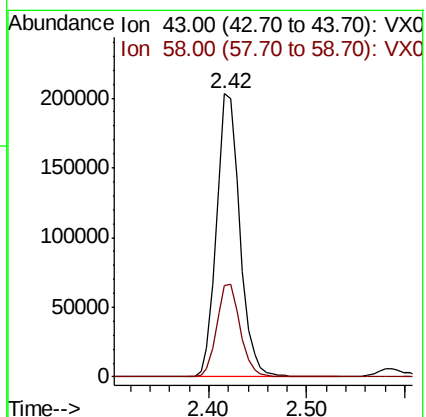
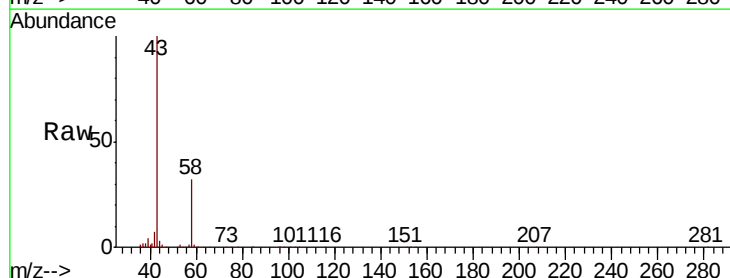
Acq: 03 Jun 2020 17:06

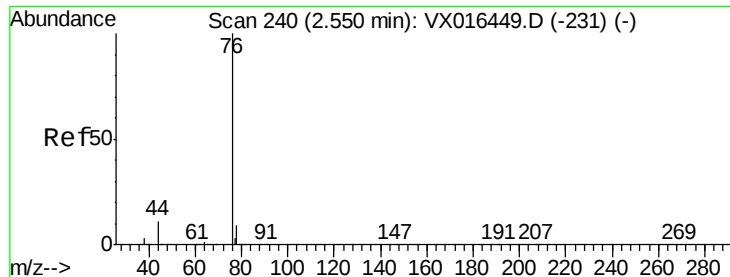
Tgt Ion: 43 Resp: 337772

Ion Ratio Lower Upper

43 100

58 32.3 26.1 39.1





#17

Carbon Disulfide

Concen: 48.416 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :

MSVOA_X

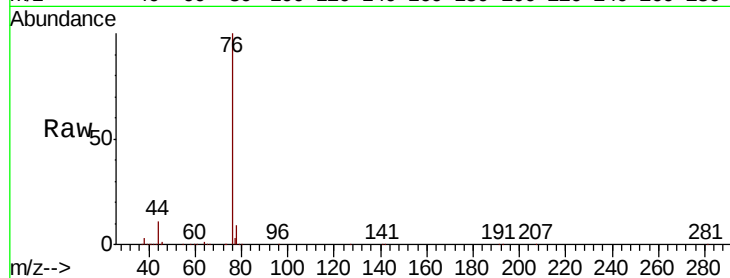
ClientSampleId :

Tot Ion: 76 Resp: 328686

Ion Ratio Lower Upper

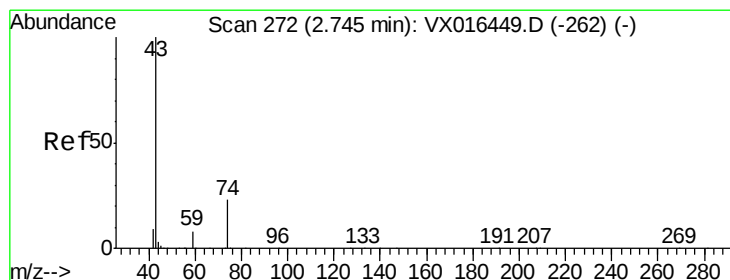
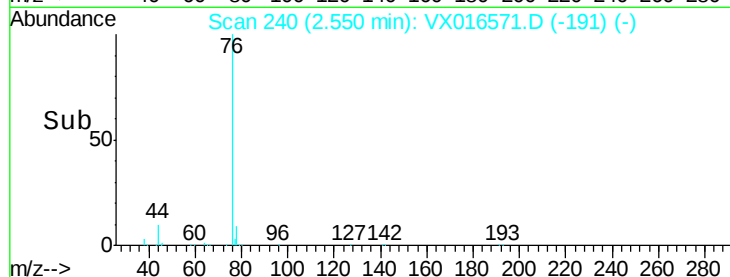
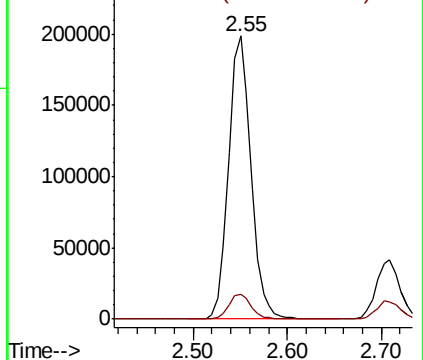
76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.350 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016571.D

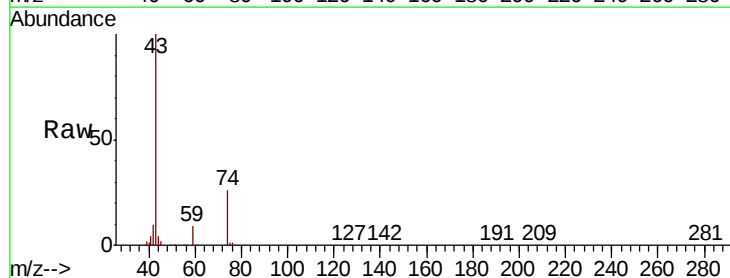
Acq: 03 Jun 2020 17:06

Tgt Ion: 43 Resp: 170251

Ion Ratio Lower Upper

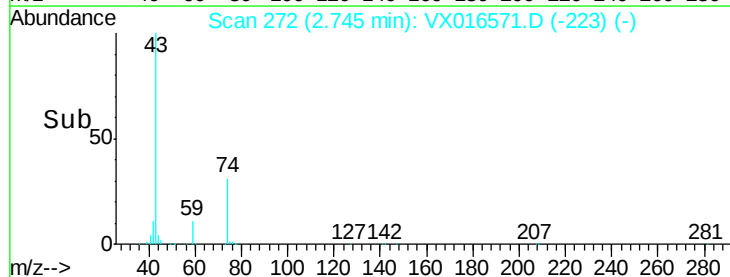
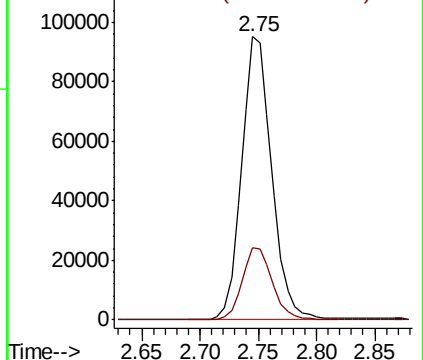
43 100

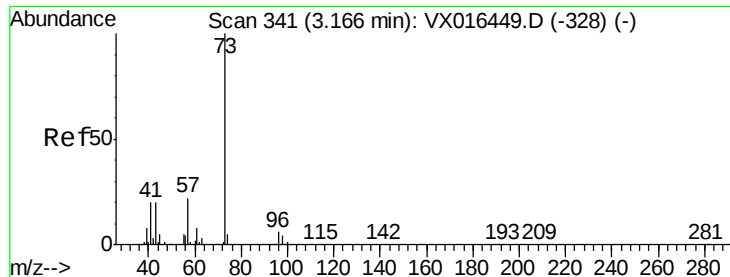
74 26.0 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

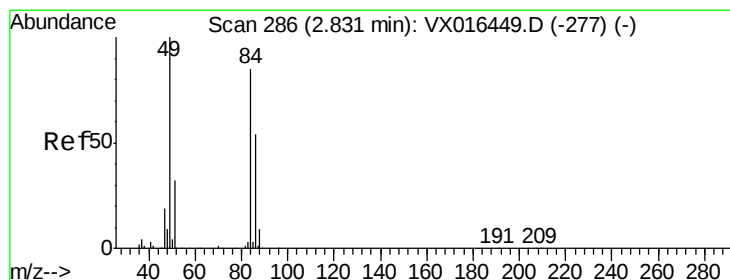
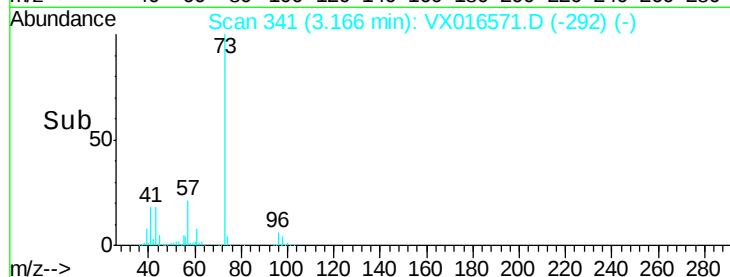
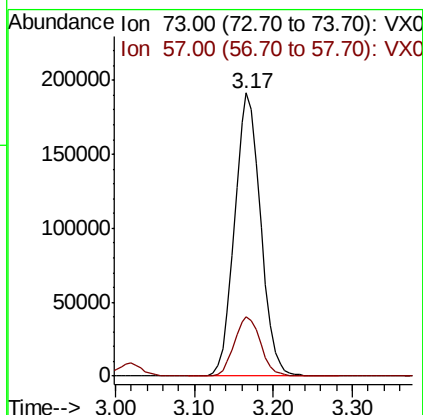
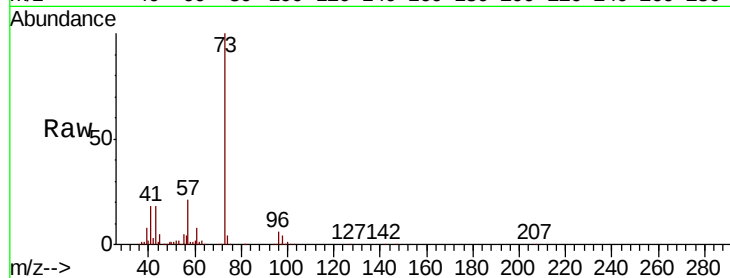




#19
Methyl tert-butyl Ether
Concen: 53.435 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

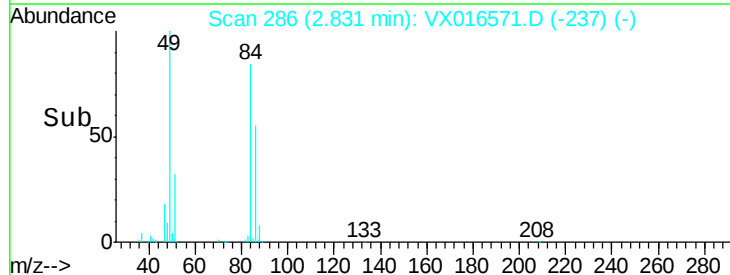
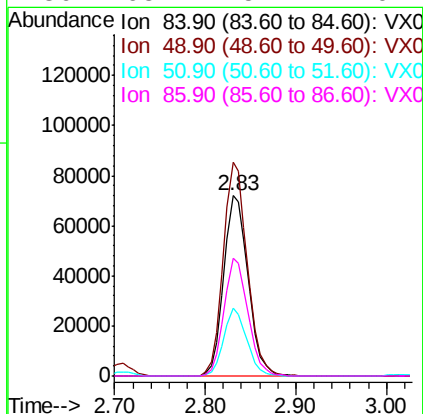
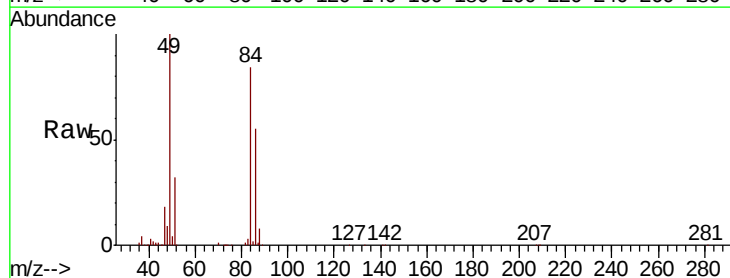
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 73 Resp: 438655
Ion Ratio Lower Upper
73 100
57 20.8 17.8 26.6



#20
Methylene Chloride
Concen: 50.304 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

Tgt Ion: 84 Resp: 134538
Ion Ratio Lower Upper
84 100
49 118.5 94.5 141.7
51 37.3 30.2 45.4
86 65.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 51.134 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :

MSVOA_X

ClientSampleId :

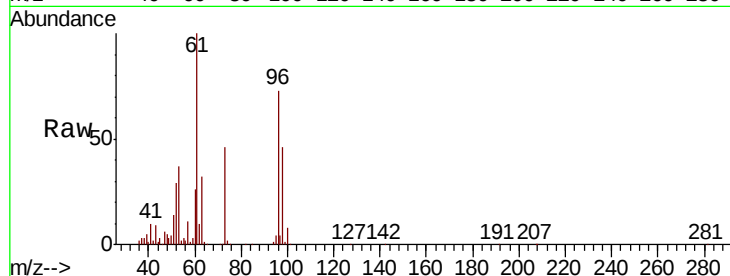
Tot Ion: 96 Resp: 129302

Ion Ratio Lower Upper

96 100

61 137.7 115.3 172.9

98 64.0 51.9 77.9

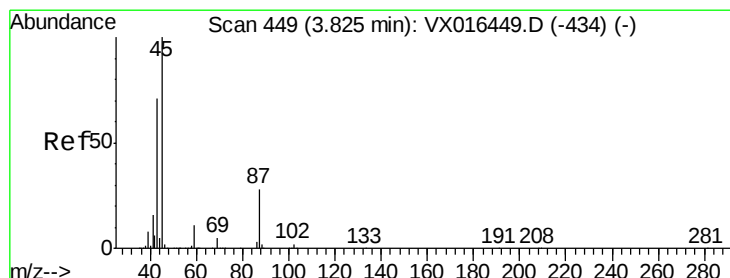
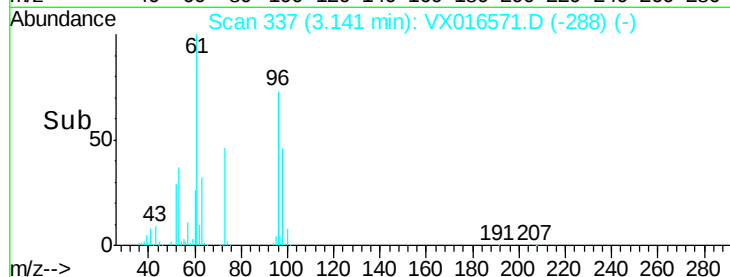
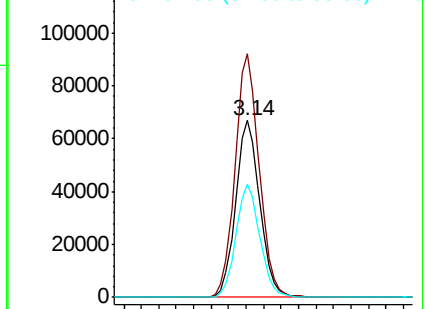


Abundance

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: 49.319 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Tgt Ion: 45 Resp: 398328

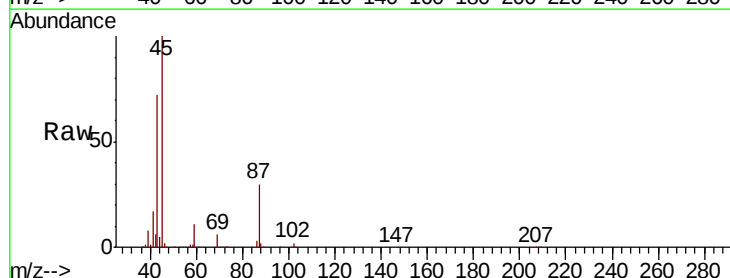
Ion Ratio Lower Upper

45 100

43 71.8 57.0 85.6

87 29.8 22.5 33.7

59 11.3 9.1 13.7



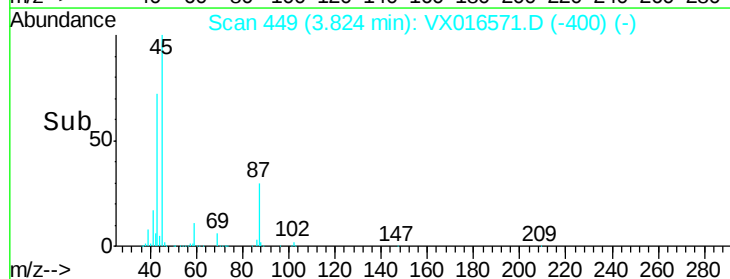
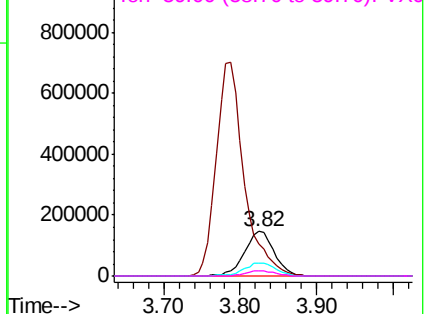
Abundance

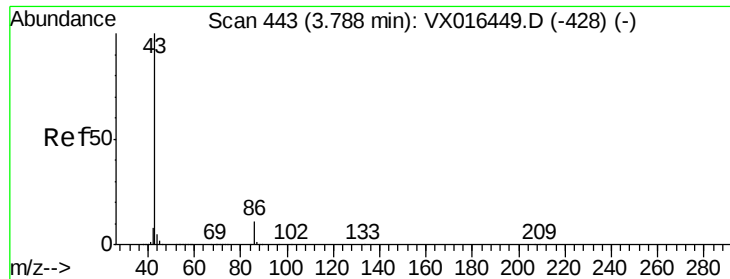
Ion 45.00 (44.70 to 45.70): VX0

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: 251.160 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :

MSVOA_X

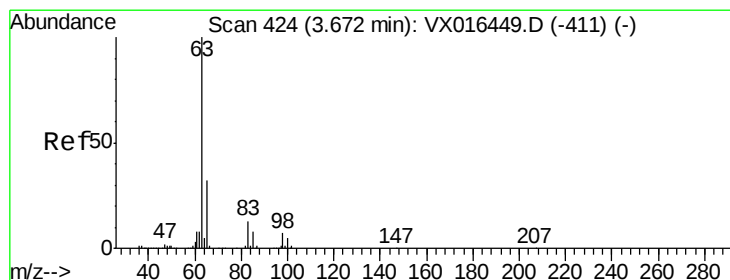
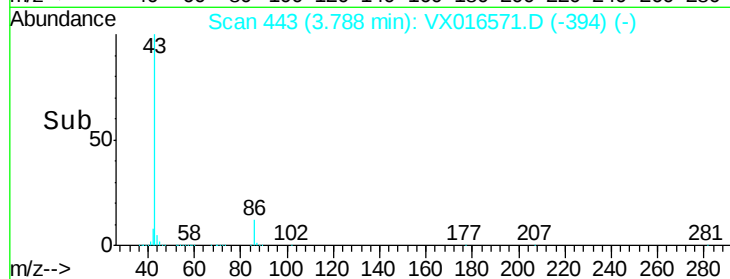
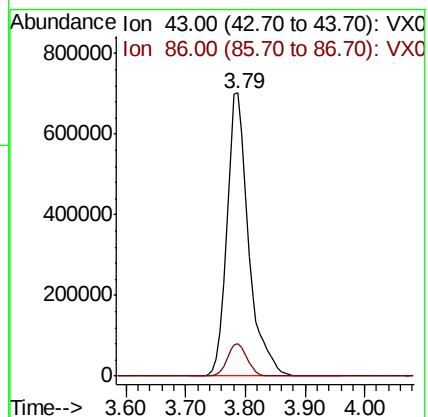
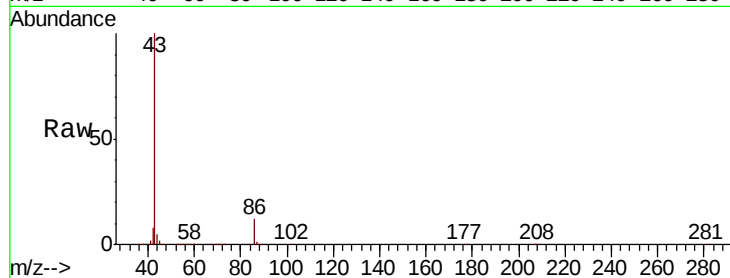
ClientSampled :

Tot Ion: 43 Resp: 1775551

Ion Ratio Lower Upper

43 100

86 11.7 8.6 13.0



#24

1,1-Dichloroethane

Concen: 51.483 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

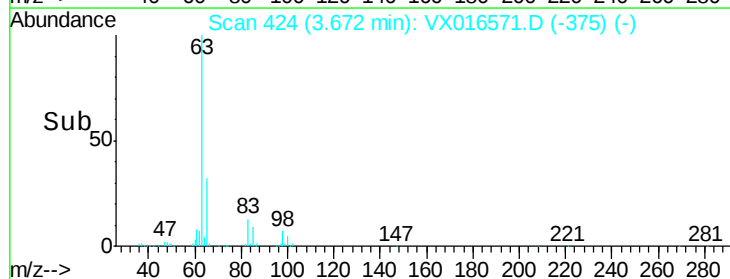
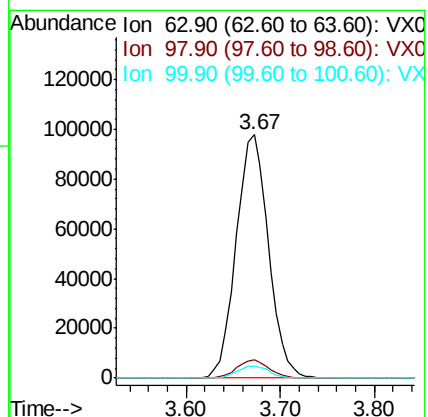
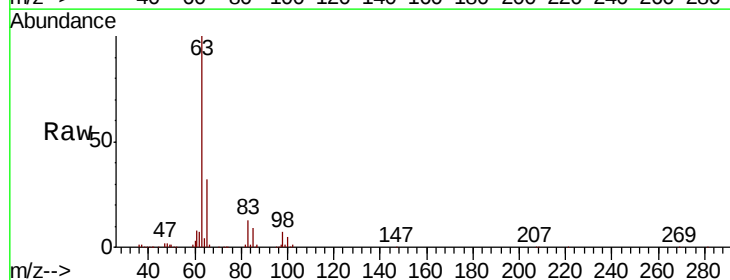
Tgt Ion: 63 Resp: 234684

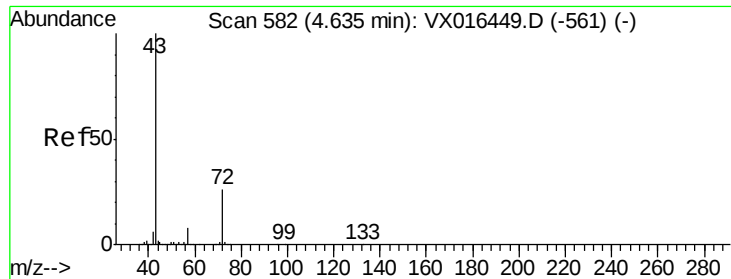
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 4.8 2.4 7.1

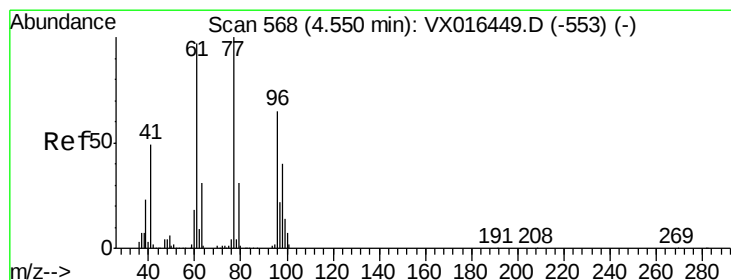
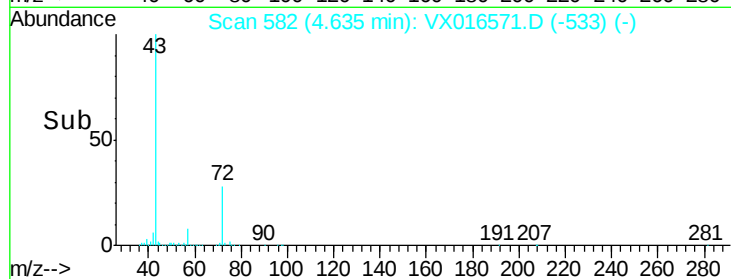
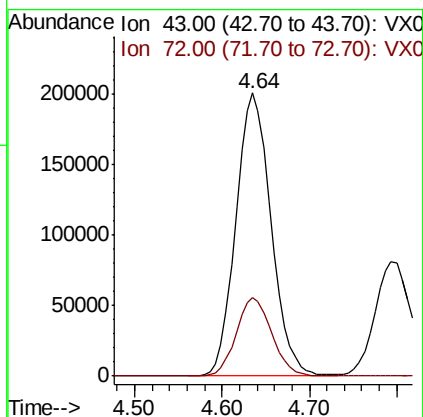
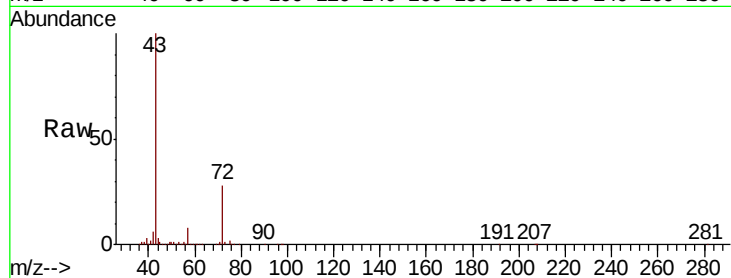




#25
2-Butanone
Concen: 255.889 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

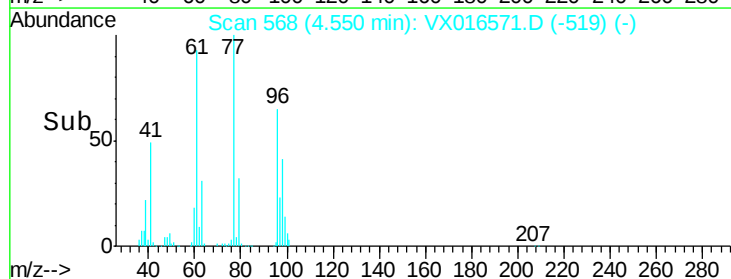
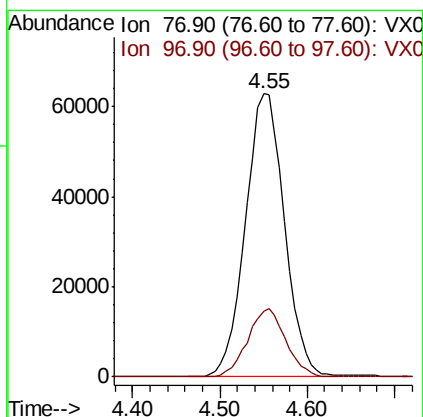
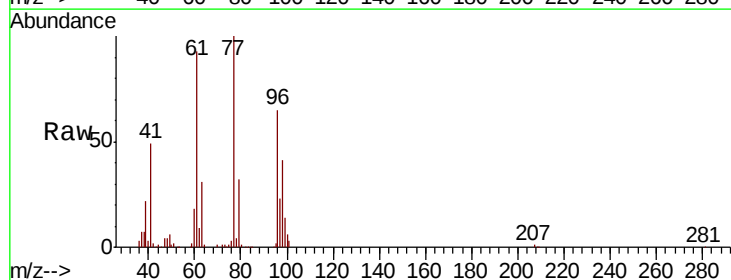
Instrument :
MSVOA_X
ClientSampled :

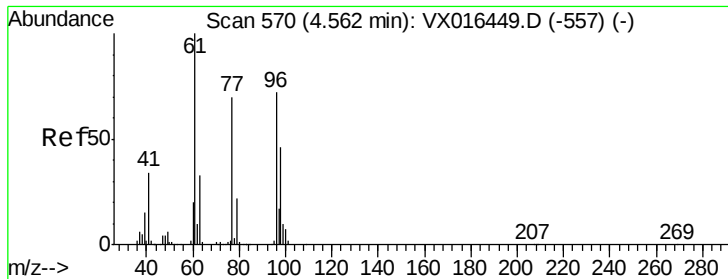
Tot Ion: 43 Resp: 560500
Ion Ratio Lower Upper
43 100
72 27.9 21.0 31.6



#26
2,2-Dichloropropane
Concen: 52.368 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

Tgt Ion: 77 Resp: 195338
Ion Ratio Lower Upper
77 100
97 23.5 11.5 34.4



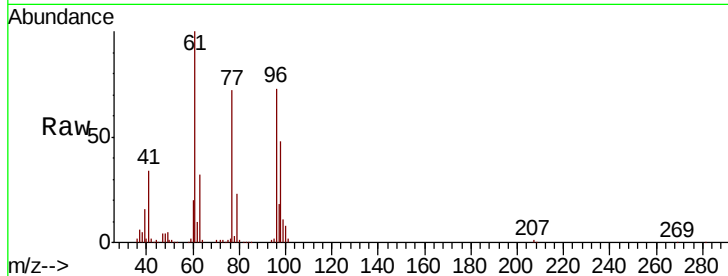


#27

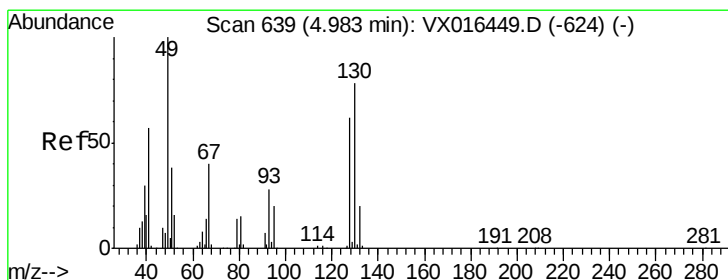
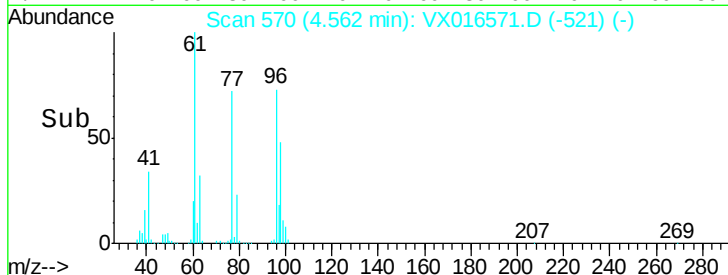
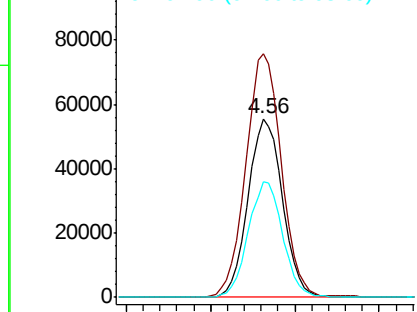
cis-1,2-Dichloroethene
Concen: 52.698 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	284.6
98	64.8	0.0	127.2



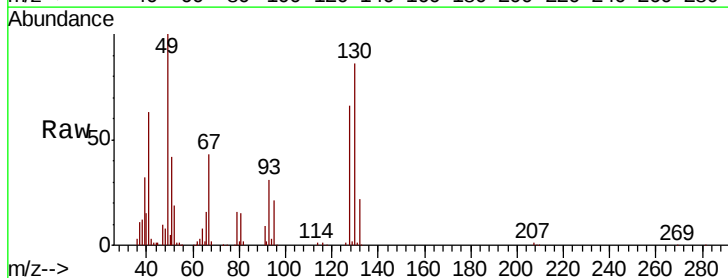
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



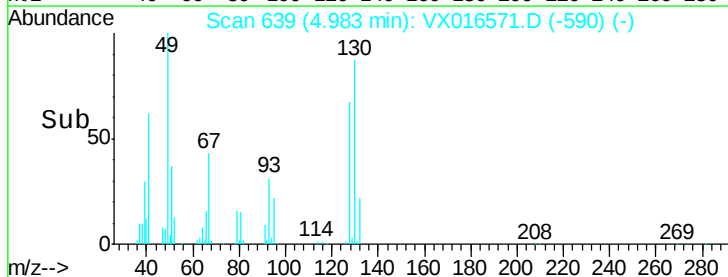
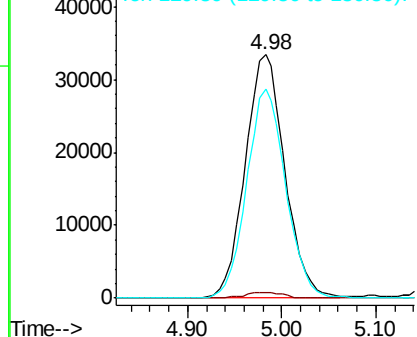
#28

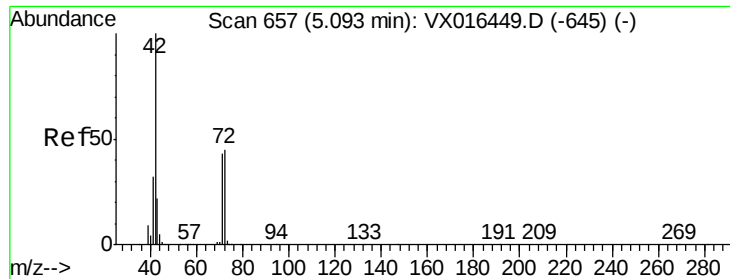
Bromochloromethane
Concen: 46.518 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.0
130	84.6	63.0	94.4



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

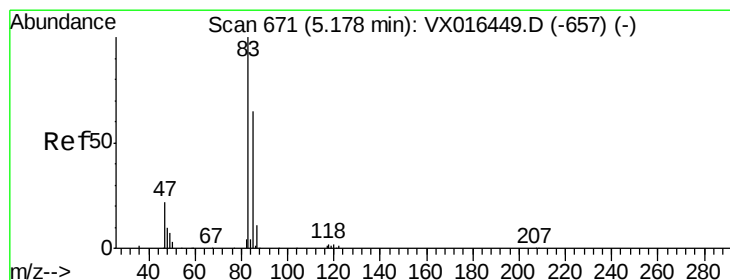
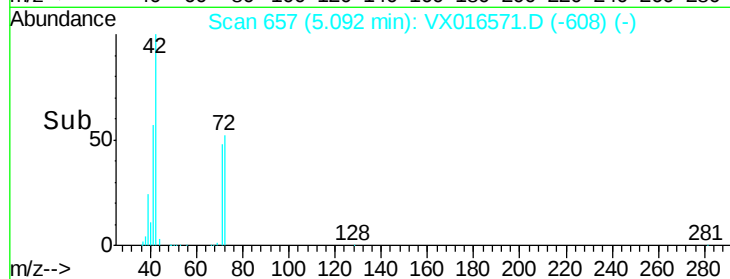
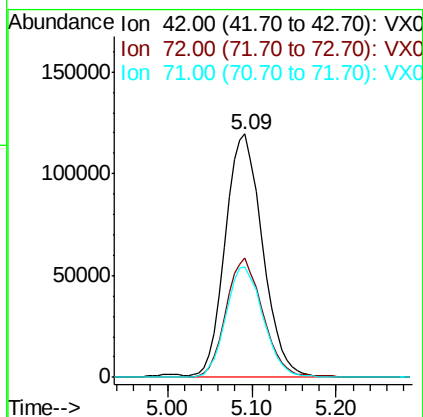
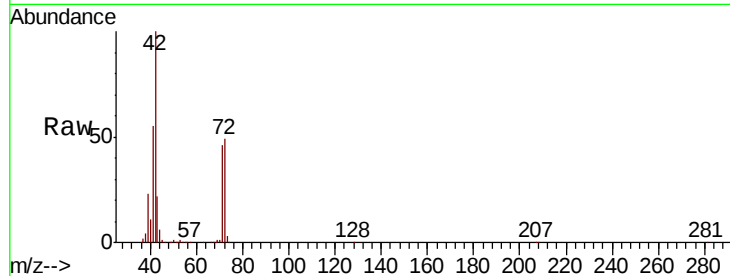




#29
Tetrahydrofuran
Concen: 253.900 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

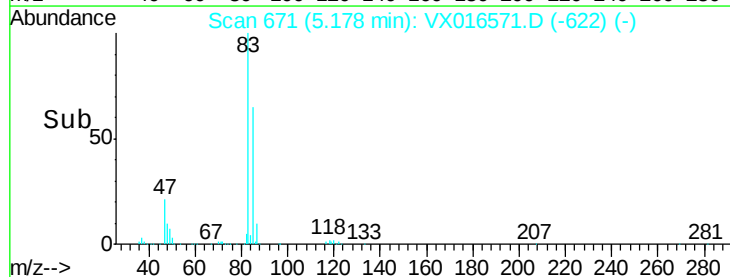
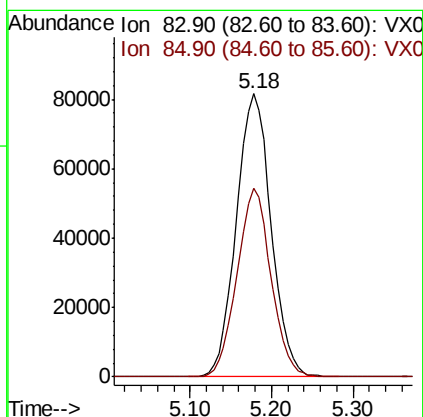
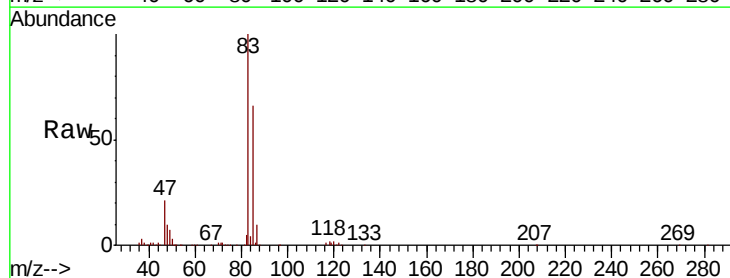
Instrument :
MSVOA_X
ClientSampleId :

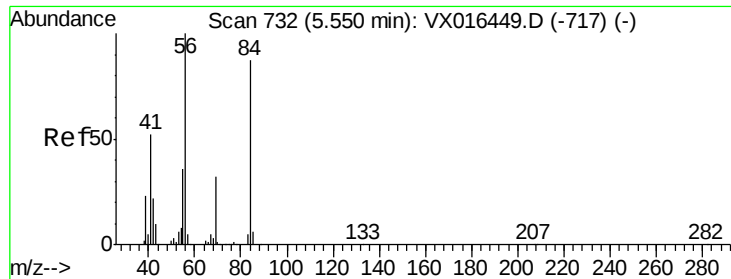
Tot Ion	Ratio	Lower	Upper
42	100		
72	48.7	37.0	55.4
71	45.6	34.1	51.1



#30
Chloroform
Concen: 52.630 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.0	78.0

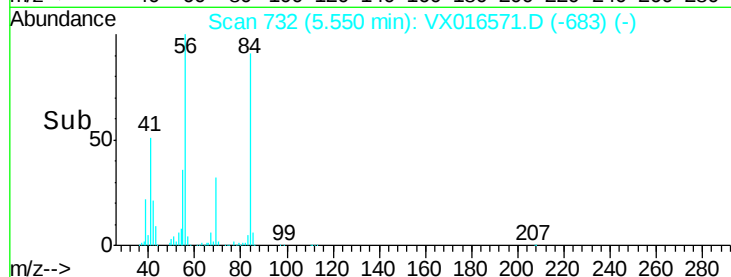
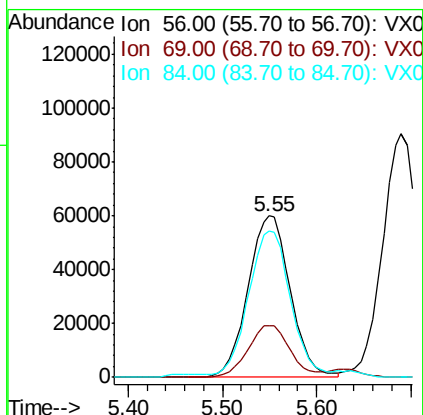
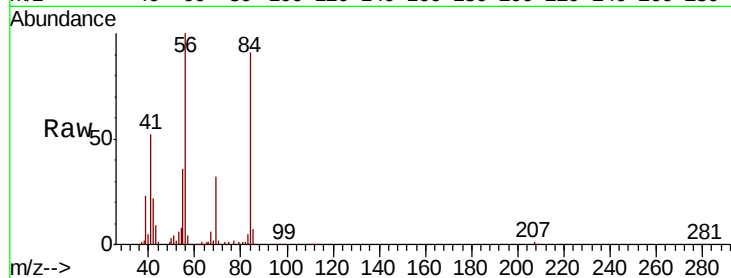




#31
Cyclohexane
Concen: 45.917 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

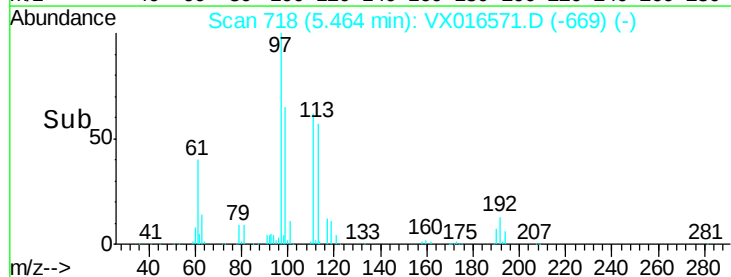
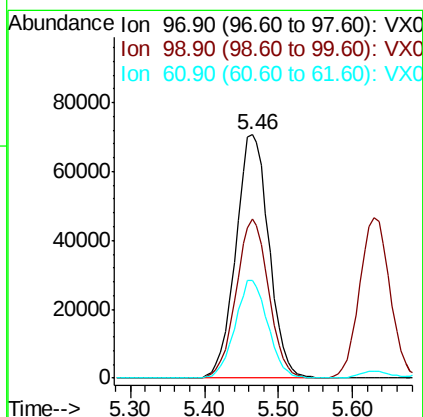
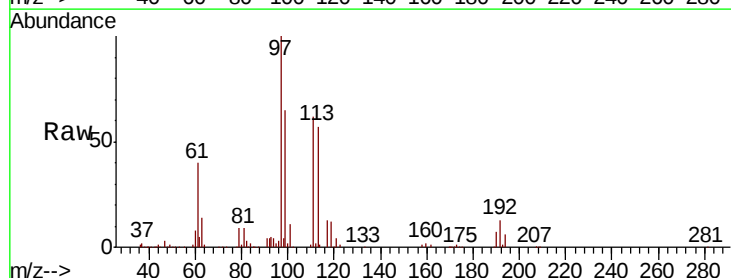
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 188305
Ion Ratio Lower Upper
56 100
69 31.8 25.7 38.5
84 88.9 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 52.862 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

Tgt Ion: 97 Resp: 219822
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 39.9 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 51.069 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :

MSVOA_X

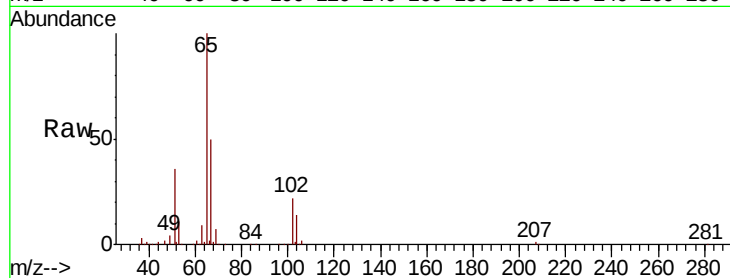
ClientSampleId :

Tot Ion: 65 Resp: 150679

Ion Ratio Lower Upper

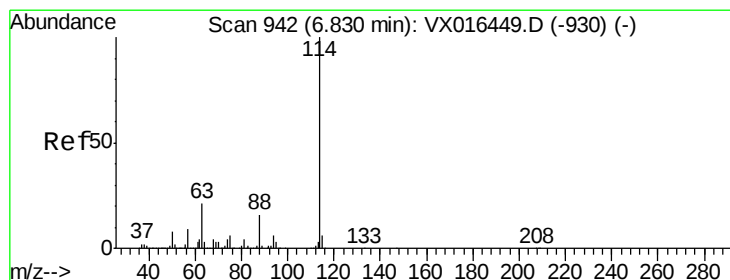
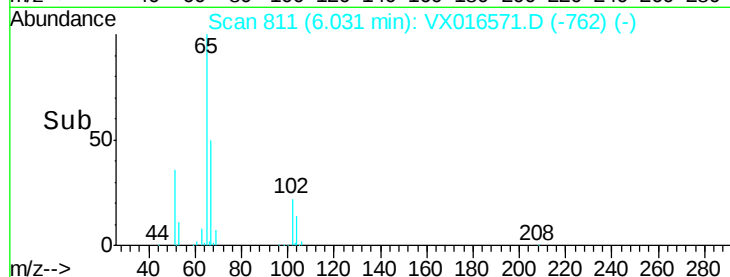
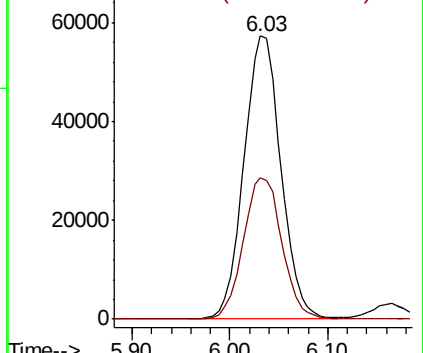
65 100

67 51.9 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: VX016571.D

Acq: 03 Jun 2020 17:06

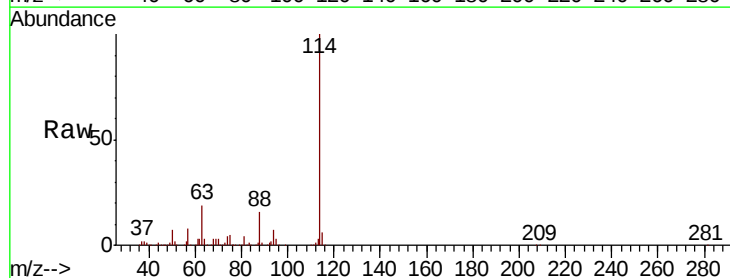
Tgt Ion: 114 Resp: 378467

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

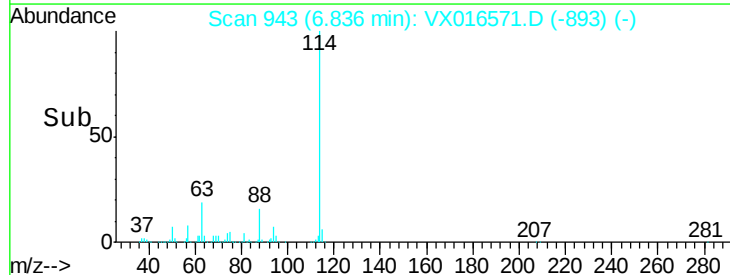
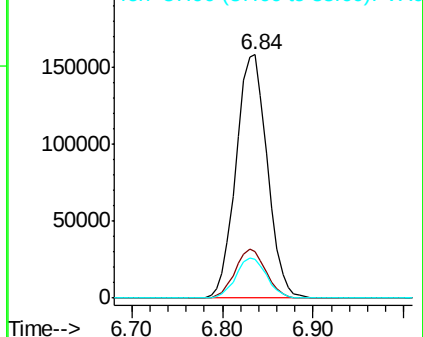
88 15.9 0.0 32.8

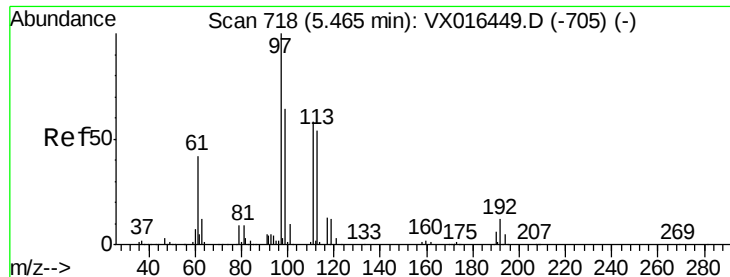


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

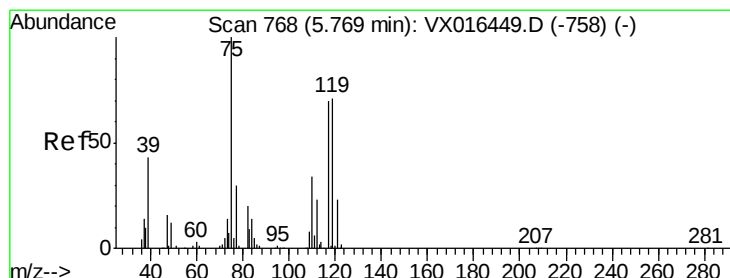
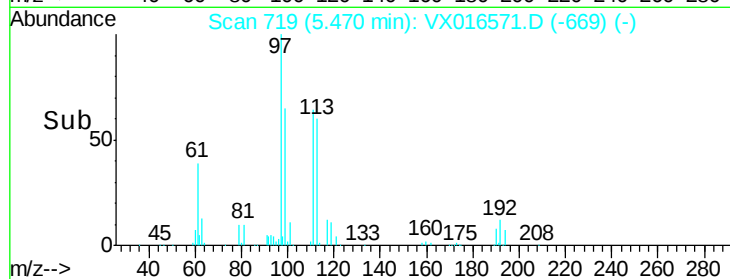
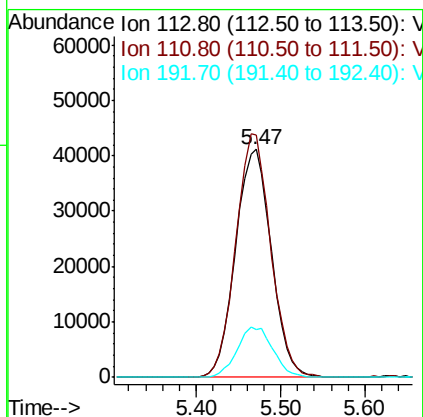
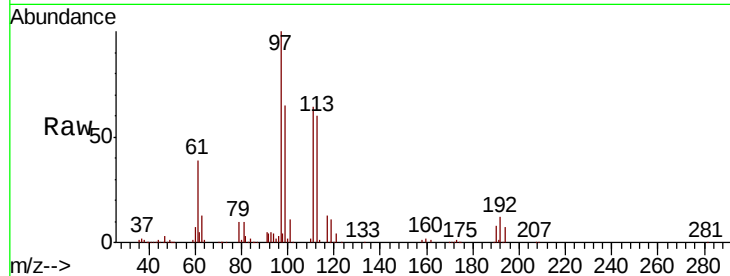




#35
 Dibromofluoromethane
 Concen: 50.862 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016571.D
 Acq: 03 Jun 2020 17:06

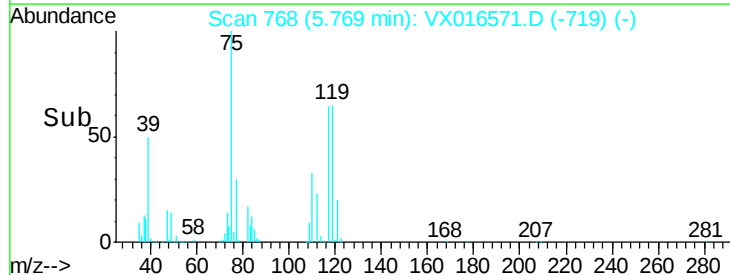
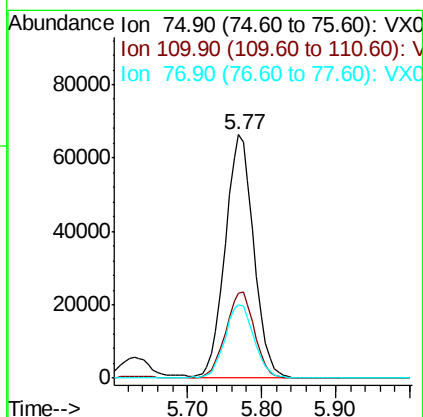
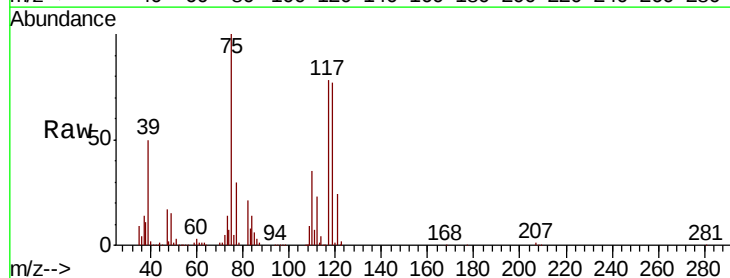
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:113 Resp: 118528
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.0 124.6
 192 22.1 17.7 26.5



#36
 1,1-Dichloropropene
 Concen: 49.366 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016571.D
 Acq: 03 Jun 2020 17:06

Tgt Ion: 75 Resp: 176895
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.4 52.3
 77 31.5 24.2 36.4

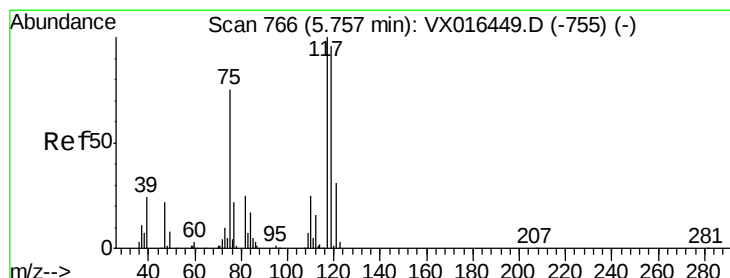
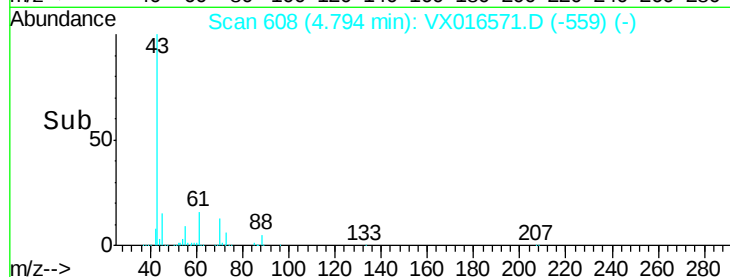
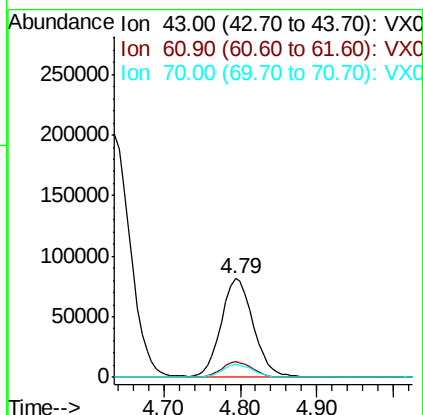
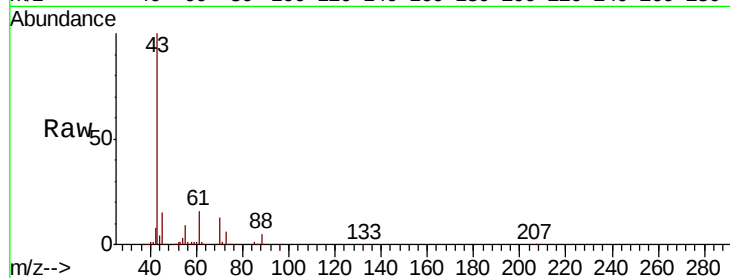




#37
Ethyl Acetate
Concen: 55.198 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

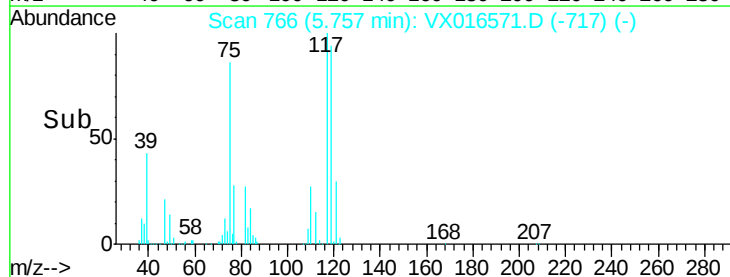
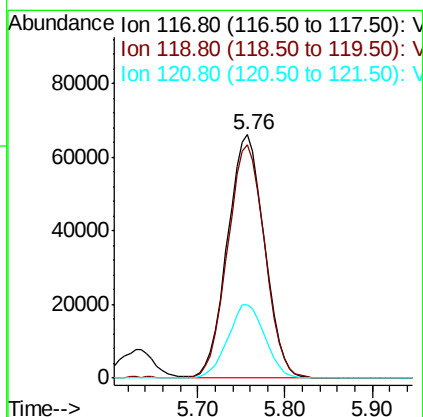
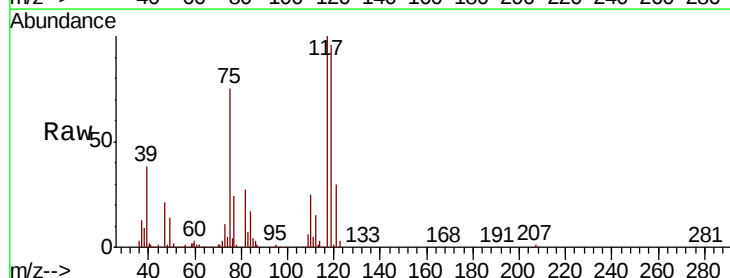
Instrument :
MSVOA_X
ClientSampleId :

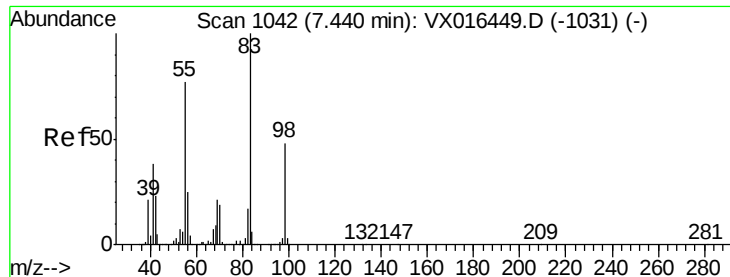
Tot Ion: 43 Resp: 237469
Ion Ratio Lower Upper
43 100
61 15.3 11.3 16.9
70 12.4 9.3 13.9



#38
Carbon Tetrachloride
Concen: 51.727 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

Tgt Ion: 117 Resp: 194790
Ion Ratio Lower Upper
117 100
119 95.6 76.3 114.5
121 30.1 24.6 37.0

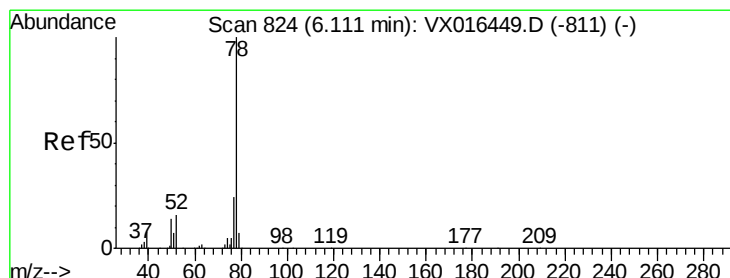
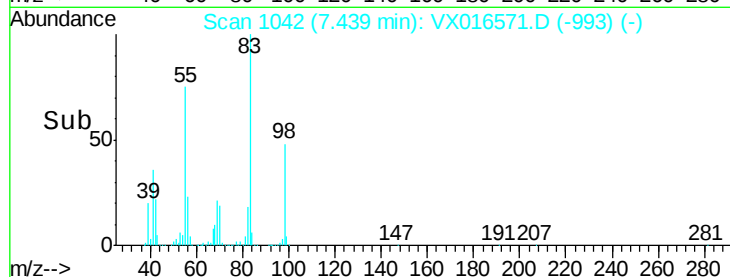
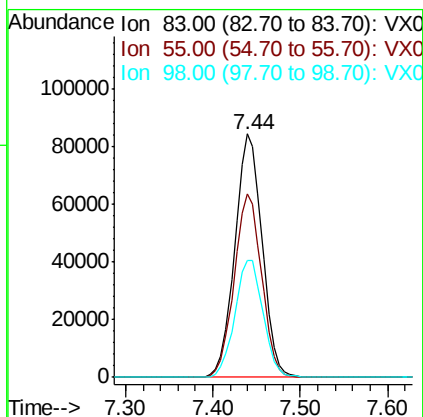
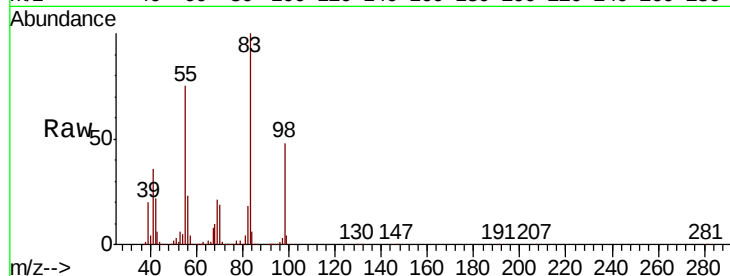




#39
Methvlcvclohexane
Concen: 46.990 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

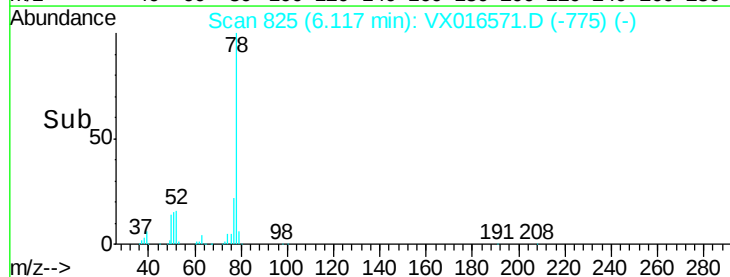
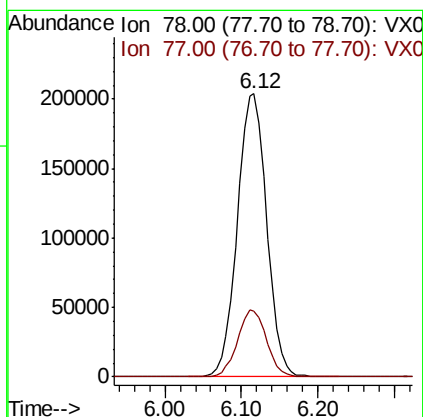
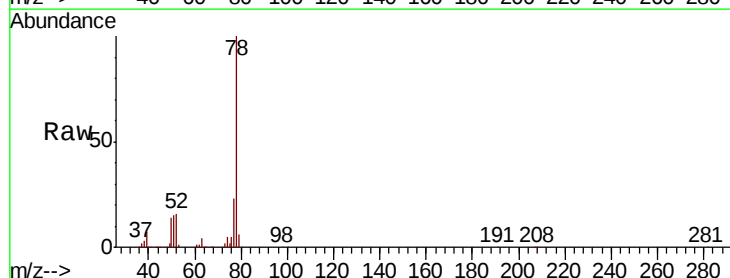
Instrument :
MSVOA_X
ClientSampleId :

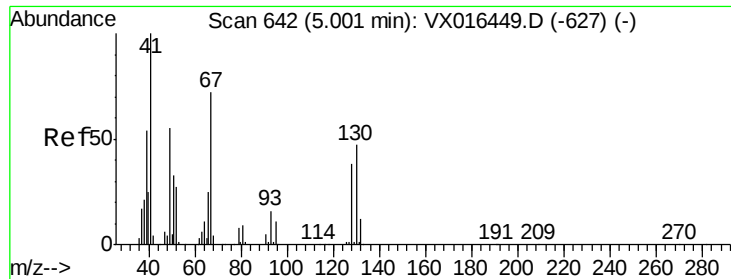
Tot Ion: 83 Resp: 182893
Ion Ratio Lower Upper
83 100
55 75.1 61.7 92.5
98 48.2 38.7 58.1



#40
Benzene
Concen: 50.768 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

Tgt Ion: 78 Resp: 541752
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3

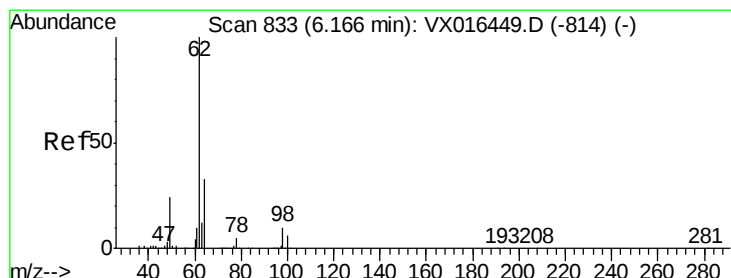
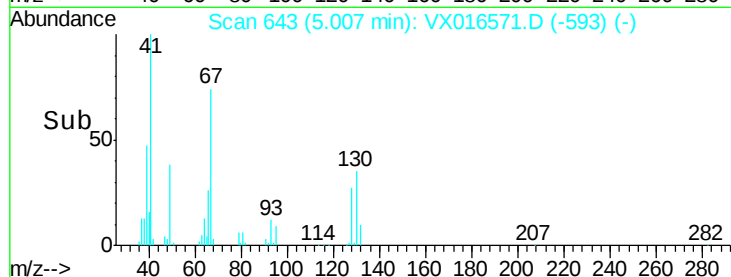
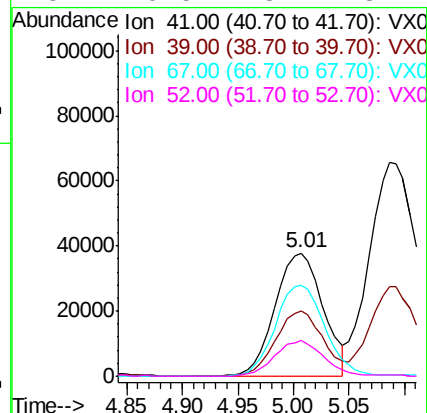
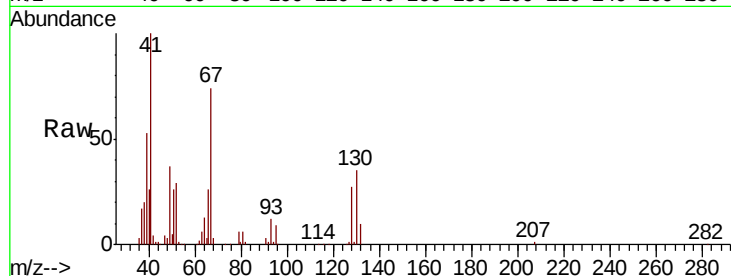




#41
Methacrylonitrile
Concen: 47.984 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

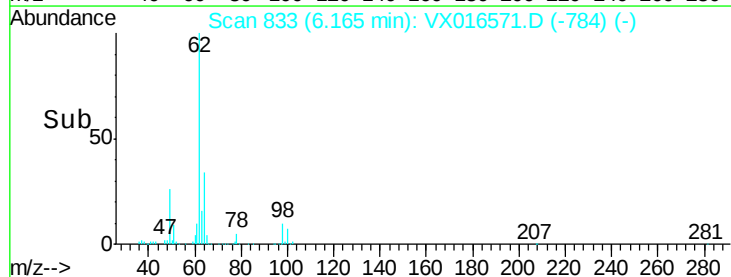
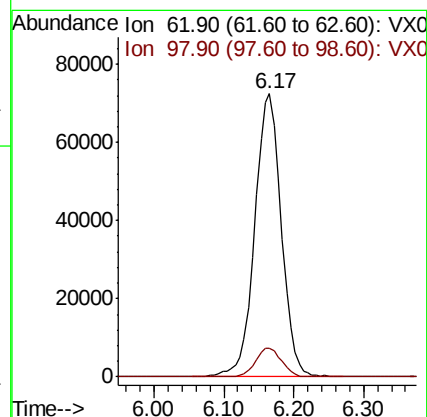
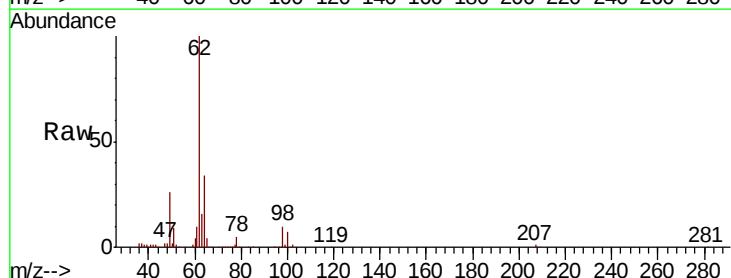
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	113392
Ion	Ratio	Lower	Upper
41	100		
39	53.6	43.0	64.4
67	77.2	58.9	88.3
52	29.5	23.1	34.7



#42
1,2-Dichloroethane
Concen: 50.337 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

Tgt Ion:	62	Resp:	191024
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8



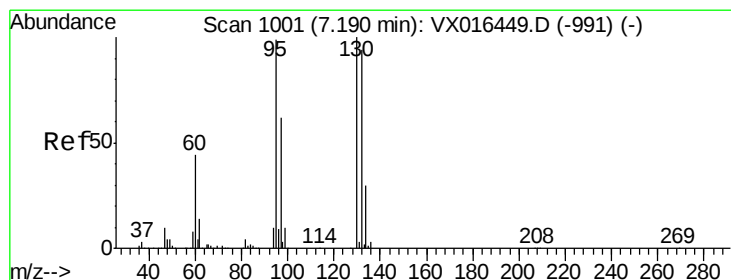
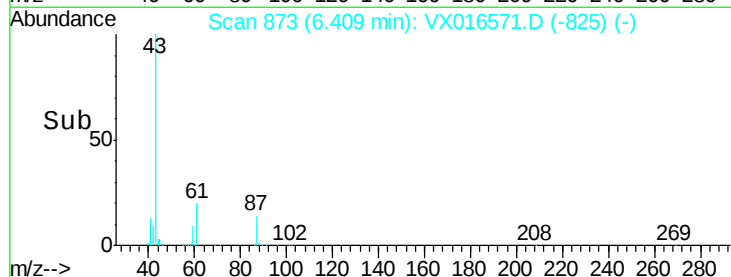
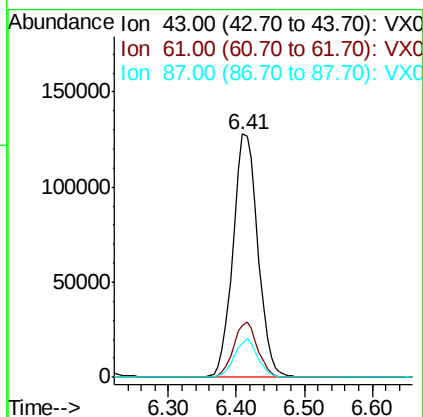
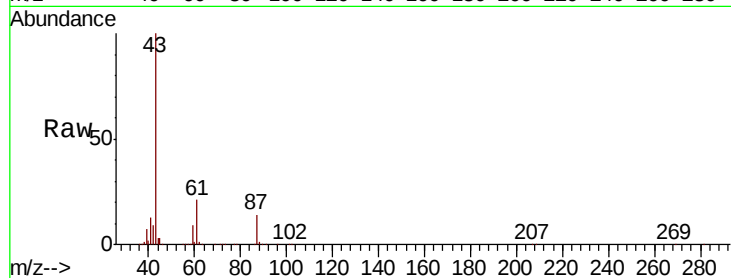


#43

Isopropyl Acetate
 Concen: 48.166 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016571.D
 Acq: 03 Jun 2020 17:06

Instrument :
 MSVOA_X
 ClientSampleId :

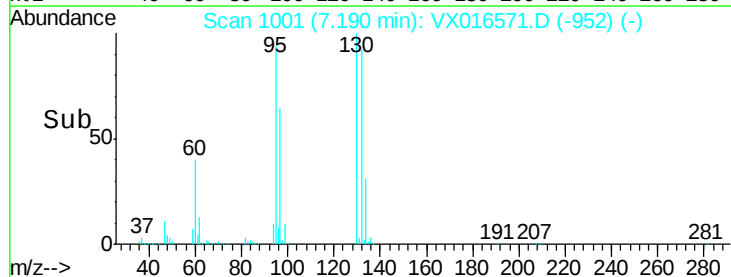
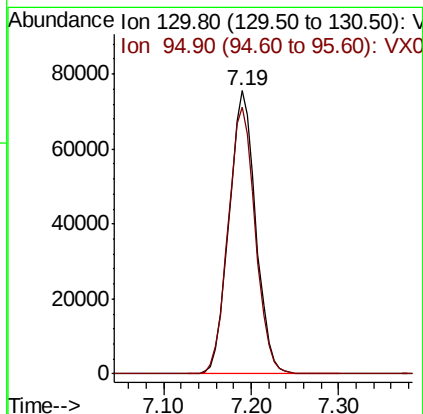
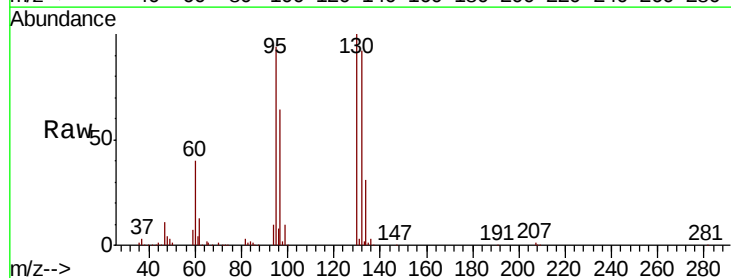
Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	16.8	25.2
87	14.8	11.2	16.8

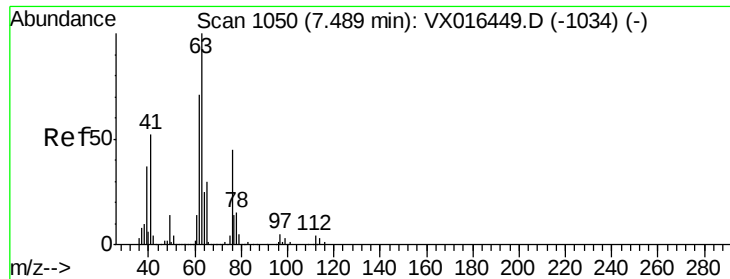


#44

Trichloroethene
 Concen: 47.364 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016571.D
 Acq: 03 Jun 2020 17:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	198.2





#45

1,2-Dichloropropane

Concen: 49.497 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :

MSVOA_X

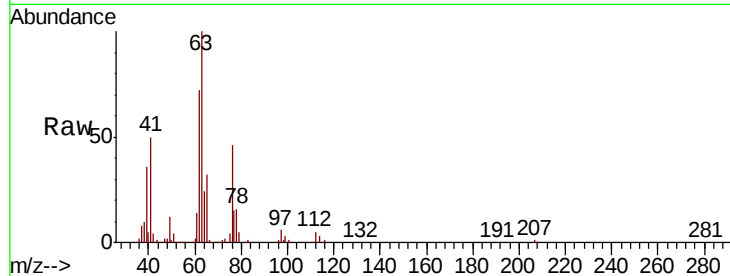
ClientSampleId :

Tot Ion: 63 Resp: 134466

Ion Ratio Lower Upper

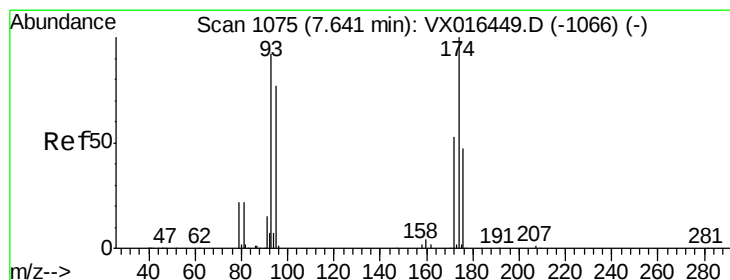
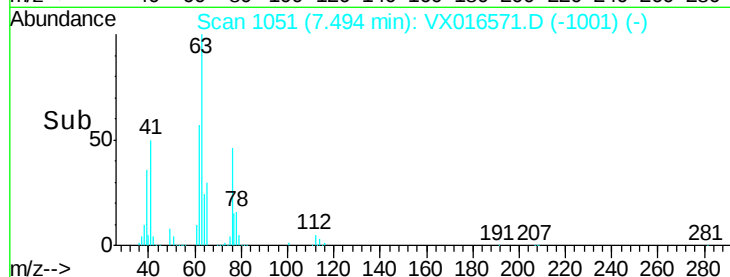
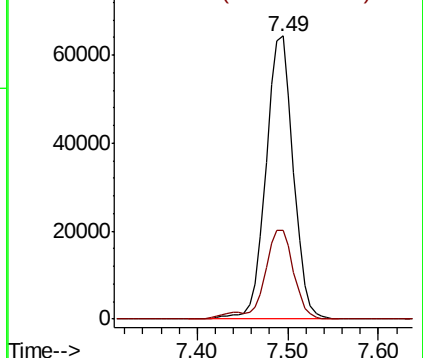
63 100

65 31.5 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: 50.969 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

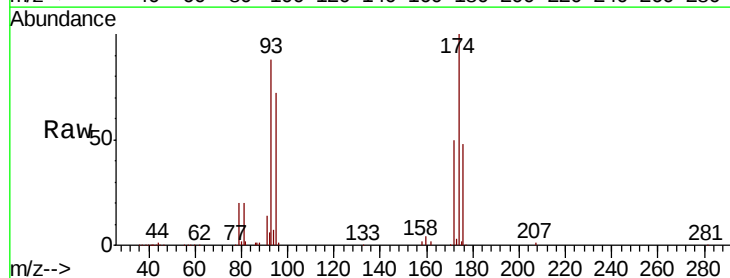
Tgt Ion: 93 Resp: 93002

Ion Ratio Lower Upper

93 100

95 84.4 66.6 100.0

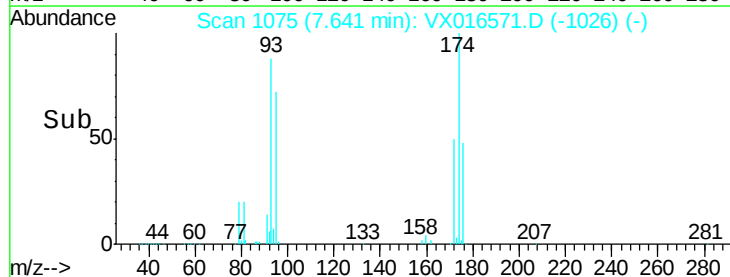
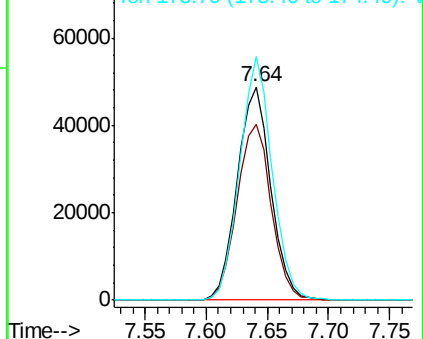
174 111.1 86.2 129.4

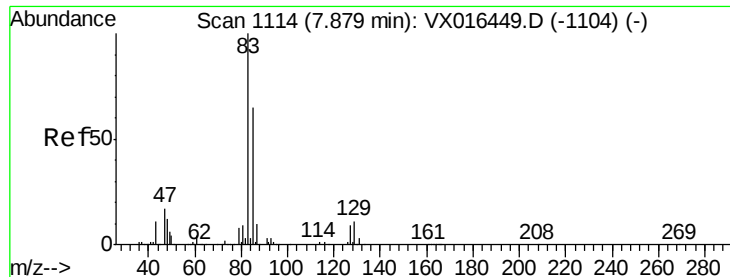


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.068 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :
MSVOA_X
ClientSampleId :

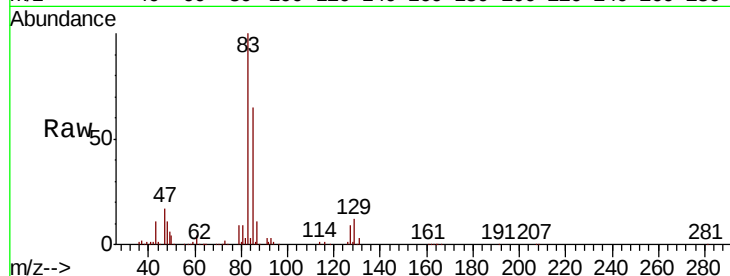
Tot Ion: 83 Resp: 196720

Ion Ratio Lower Upper

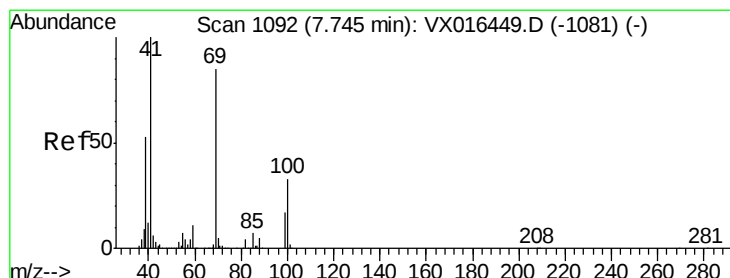
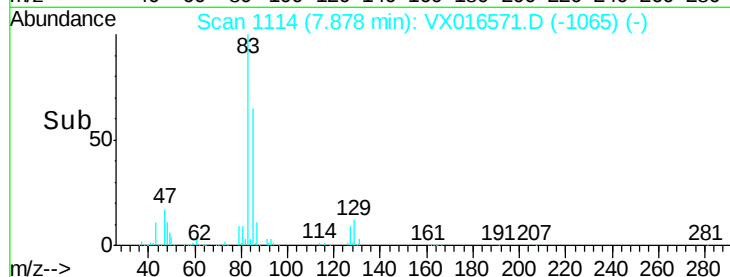
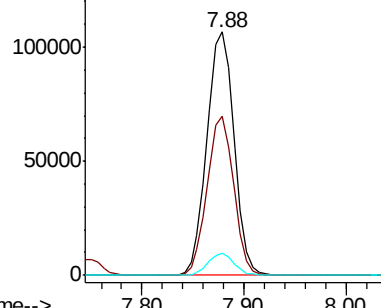
83 100

85 65.3 52.0 78.0

127 9.2 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: 48.875 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

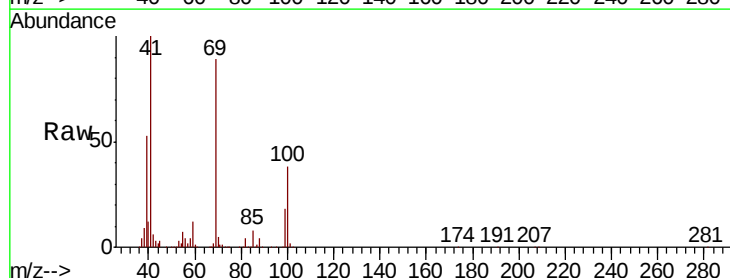
Tgt Ion: 41 Resp: 157035

Ion Ratio Lower Upper

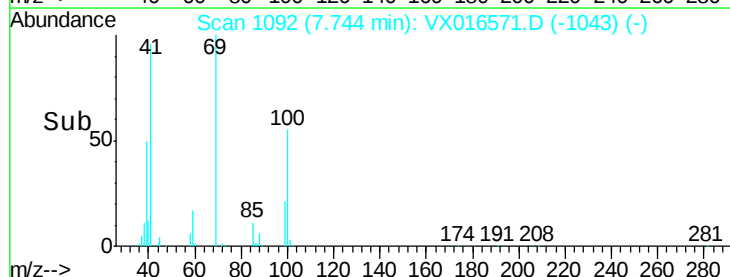
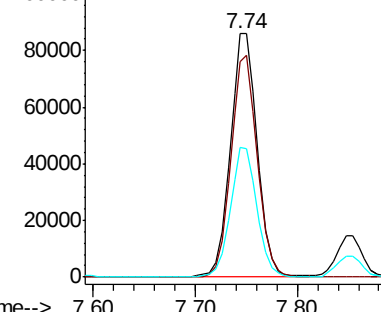
41 100

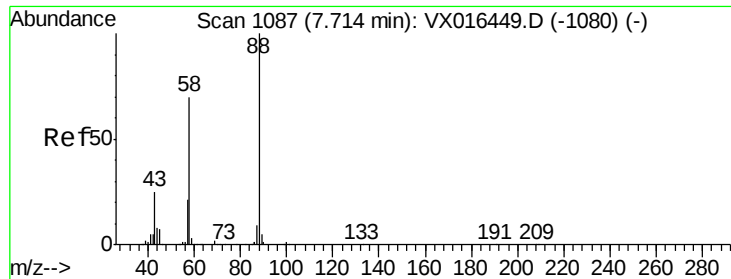
69 89.7 68.6 102.8

39 52.6 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

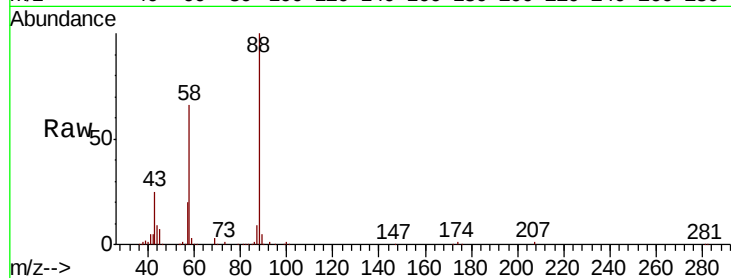




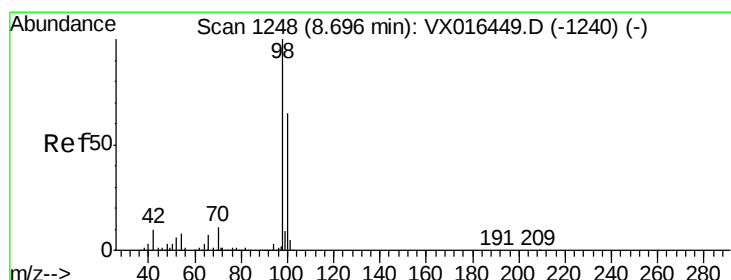
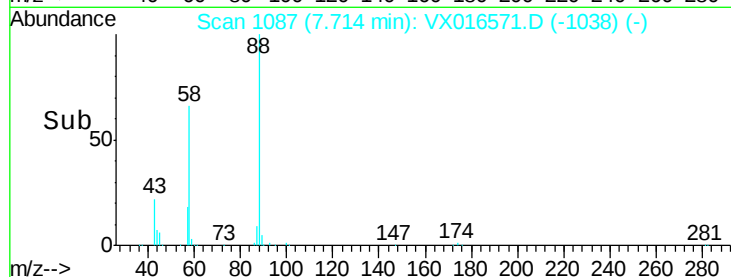
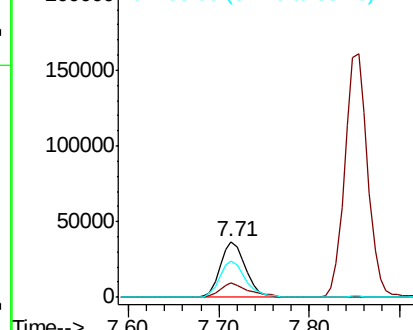
#49
1,4-Dioxane
Concen: 947.805 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	88	Resp	71268
Ion	Ratio	Lower	Upper
88	100		
43	28.5	24.2	36.4
58	68.1	56.5	84.7

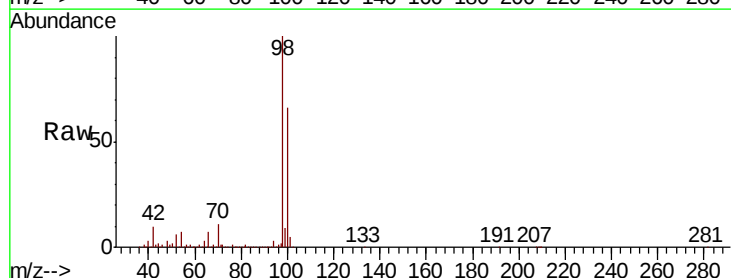


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

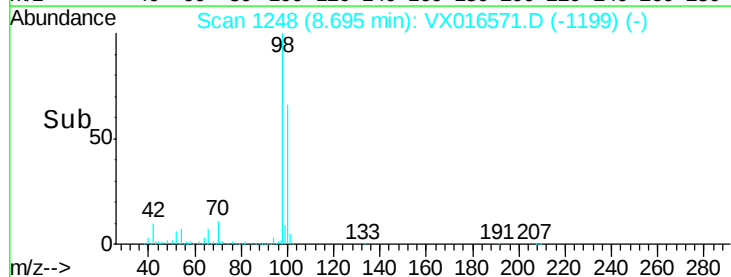
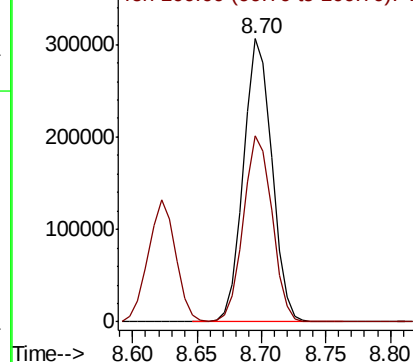


#50
Toluene-d8
Concen: 51.411 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

Tgt Ion	98	Resp	466322
Ion	Ratio	Lower	Upper
98	100		
100	66.4	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: 253.400 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :

MSVOA_X

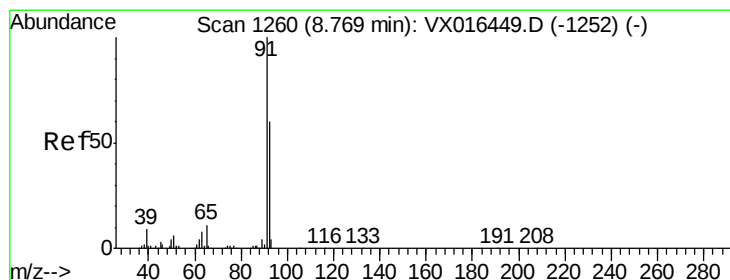
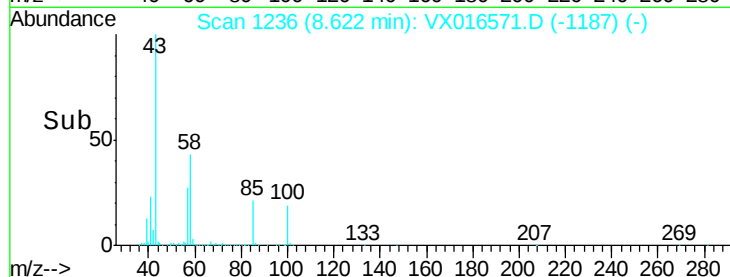
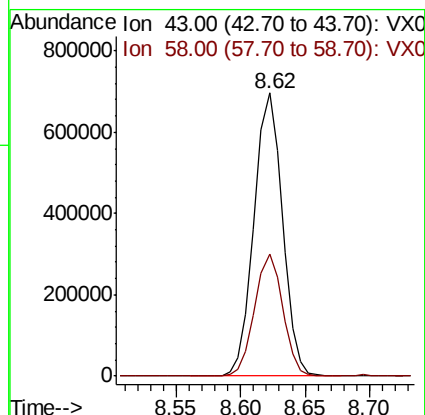
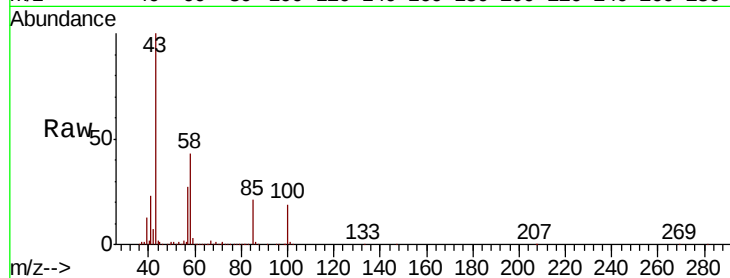
ClientSampleId :

Tot Ion: 43 Resp: 1058807

Ion Ratio Lower Upper

43 100

58 42.6 33.0 49.6



#52

Toluene

Concen: 51.421 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016571.D

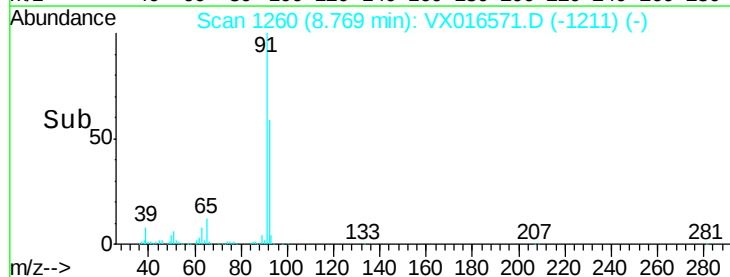
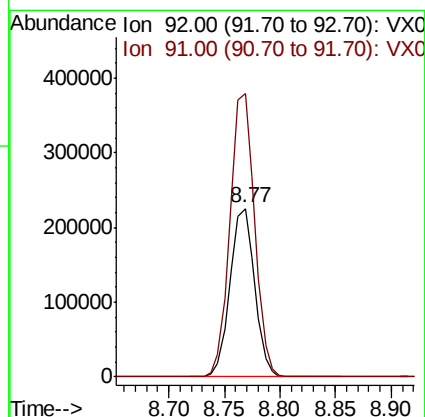
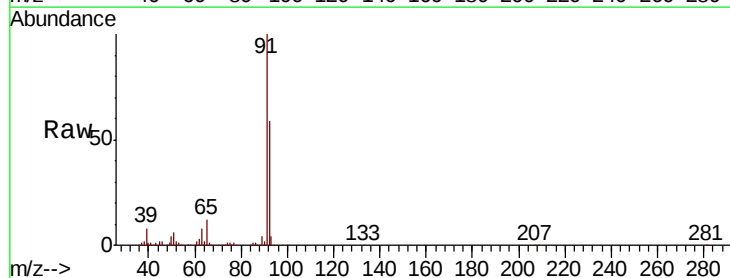
Acq: 03 Jun 2020 17:06

Tgt Ion: 92 Resp: 346018

Ion Ratio Lower Upper

92 100

91 168.0 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 52.005 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :

MSVOA_X

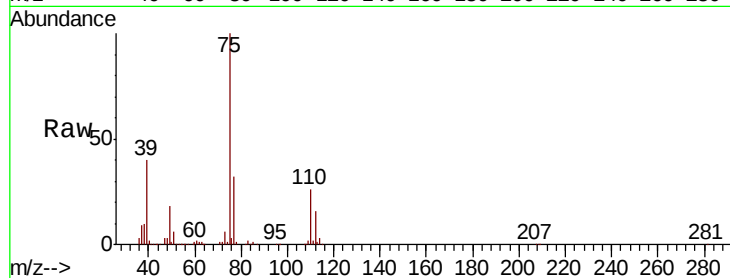
ClientSampleId :

Tot Ion: 75 Resp: 223419

Ion Ratio Lower Upper

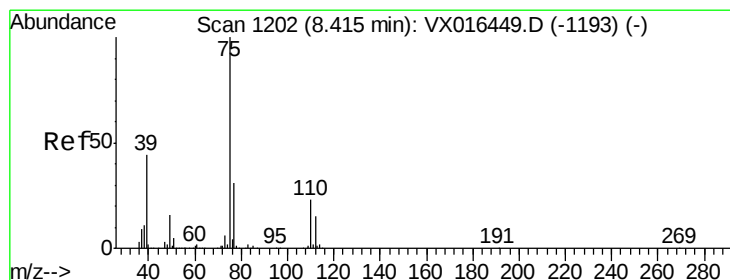
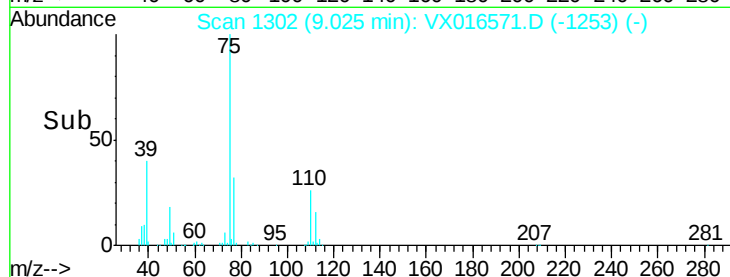
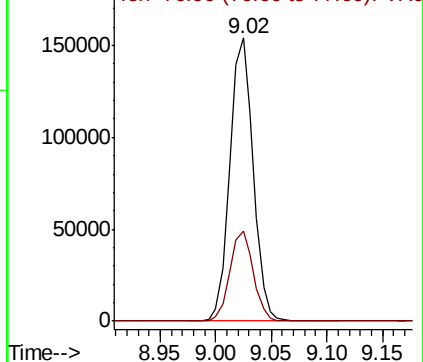
75 100

77 32.0 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.990 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

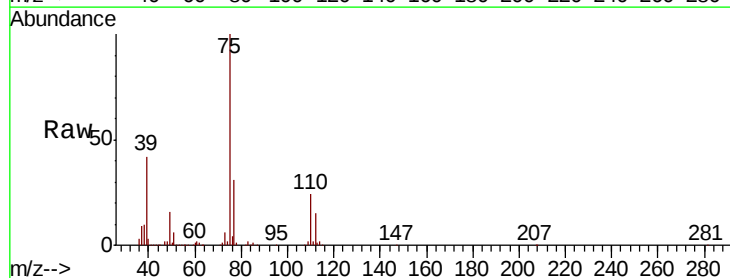
Tgt Ion: 75 Resp: 231867

Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8

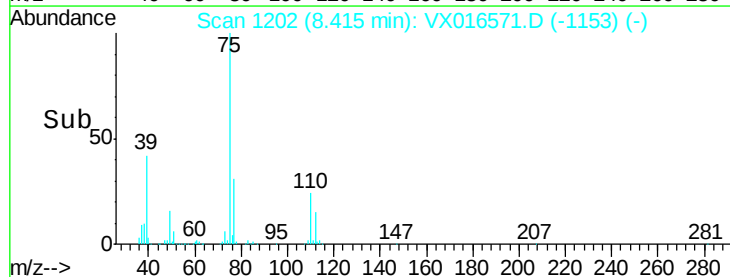
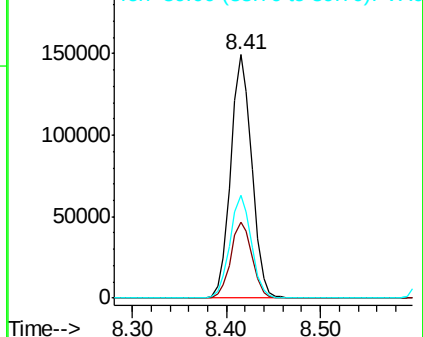
39 42.1 35.3 52.9

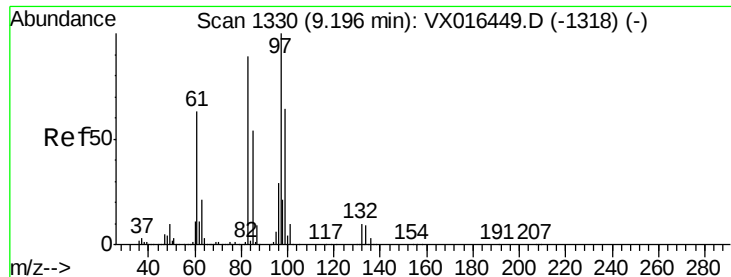


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

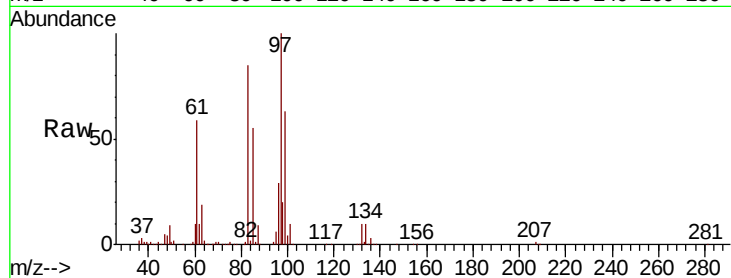




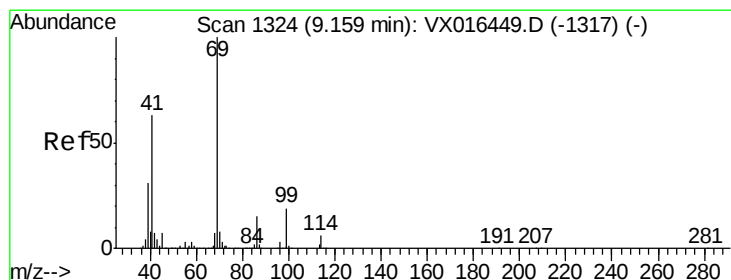
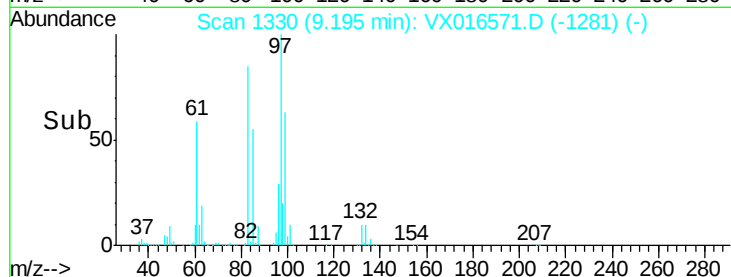
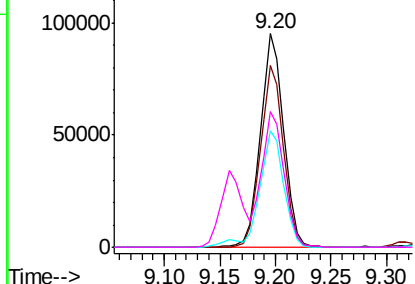
#55
 1,1,2-Trichloroethane
 Concen: 52.011 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016571.D
 Acq: 03 Jun 2020 17:06

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	139155
Ion	Ratio	Lower	Upper
97	100		
83	85.2	70.9	106.3
85	54.7	43.4	65.2
99	63.5	51.0	76.6

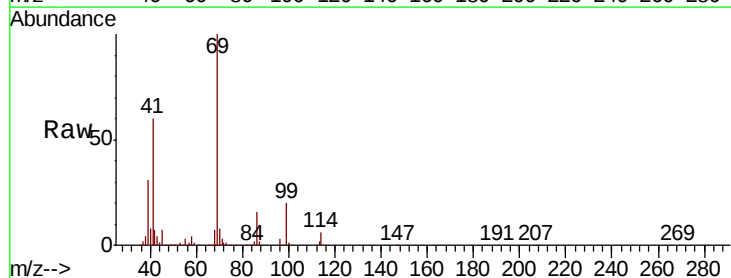


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

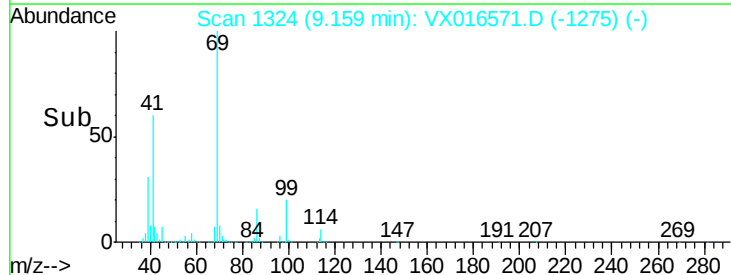
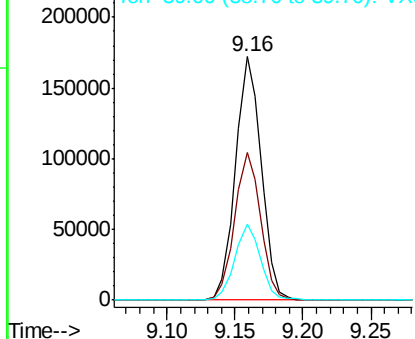


#56
 Ethyl methacrylate
 Concen: 52.193 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016571.D
 Acq: 03 Jun 2020 17:06

Tgt Ion:	69	Resp:	227424
Ion	Ratio	Lower	Upper
69	100		
41	61.0	50.7	76.1
39	31.1	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: 51.539 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :

MSVOA_X

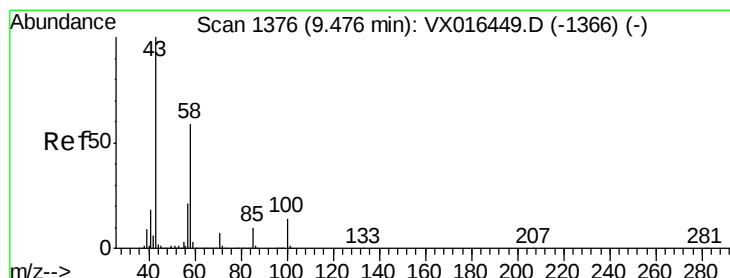
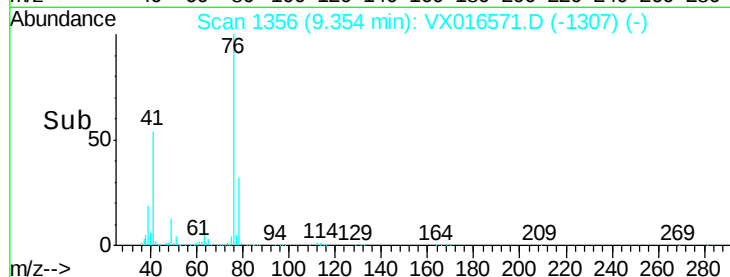
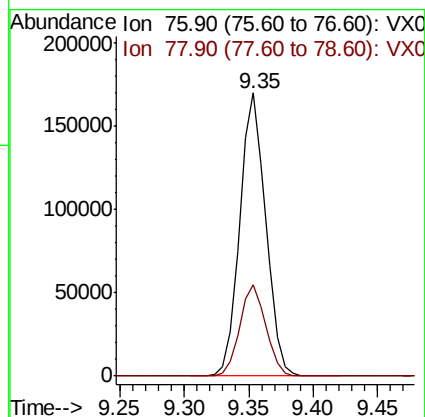
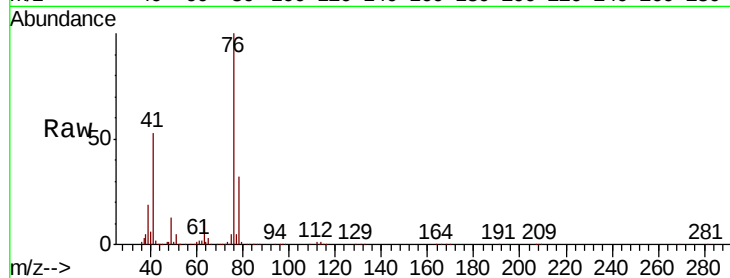
ClientSampleId :

Tot Ion: 76 Resp: 236687

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#59

2-Hexanone

Concen: 255.312 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016571.D

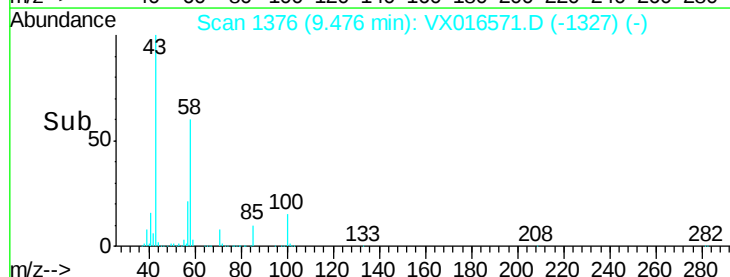
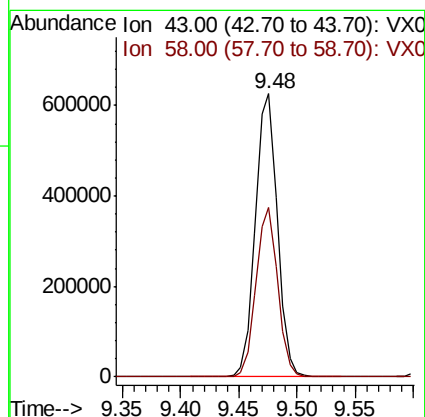
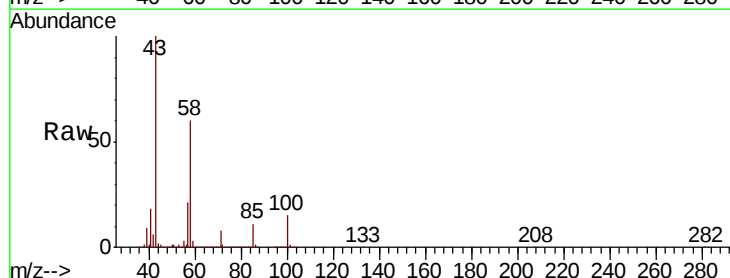
Acq: 03 Jun 2020 17:06

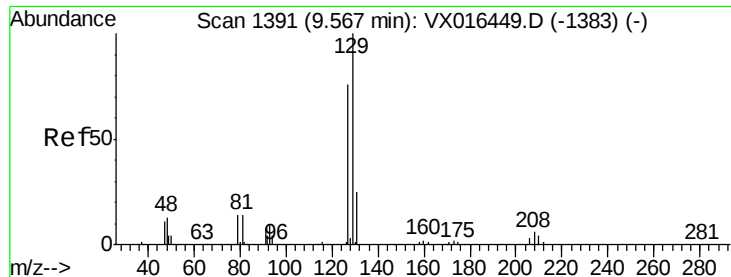
Tgt Ion: 43 Resp: 829601

Ion Ratio Lower Upper

43 100

58 59.3 28.8 86.4

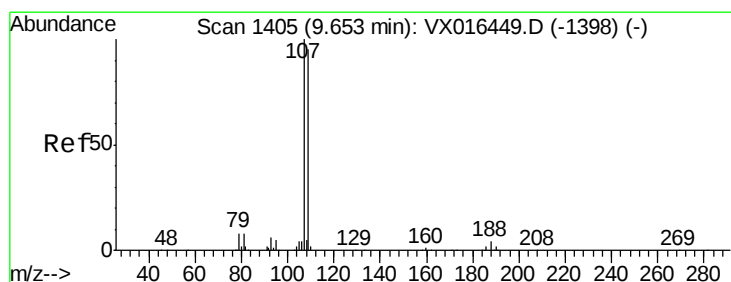
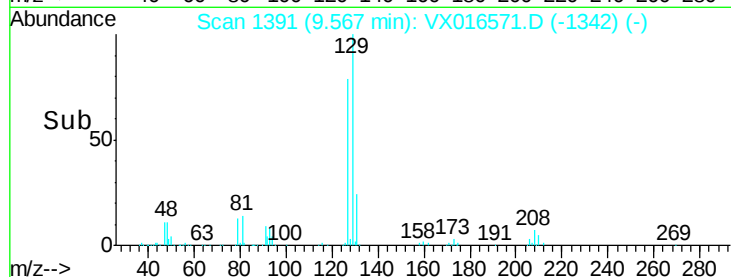
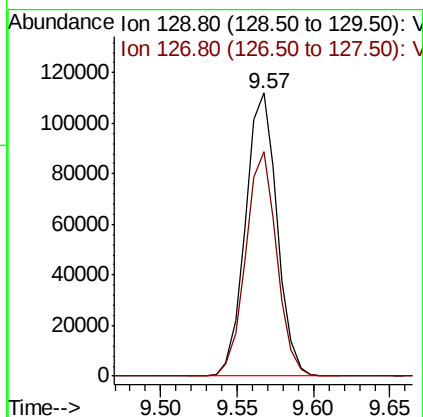
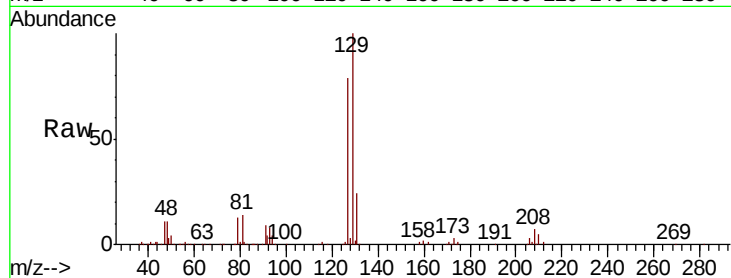




#60
 Dibromochloromethane
 Concen: 53.373 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX016571.D
 Acq: 03 Jun 2020 17:06

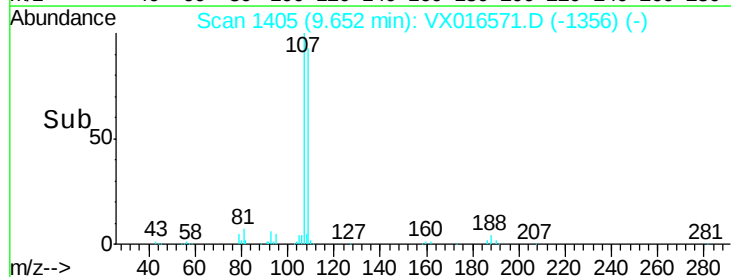
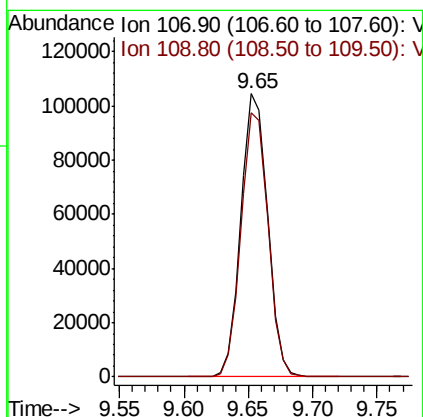
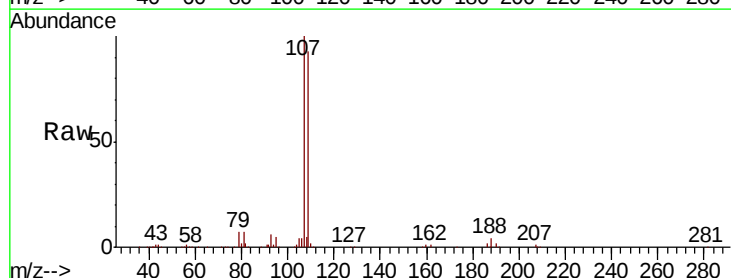
Instrument :
 MSVOA_X
 ClientSampleId :

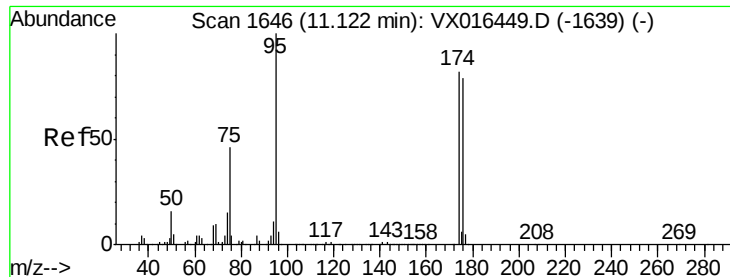
Tot Ion:129 Resp: 160702
 Ion Ratio Lower Upper
 129 100
 127 77.9 38.6 116.0



#61
 1,2-Dibromoethane
 Concen: 52.427 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016571.D
 Acq: 03 Jun 2020 17:06

Tgt Ion:107 Resp: 150207
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.5 113.3





#62

4-Bromofluorobenzene

Concen: 51.361 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :

MSVOA_X

ClientSampleId :

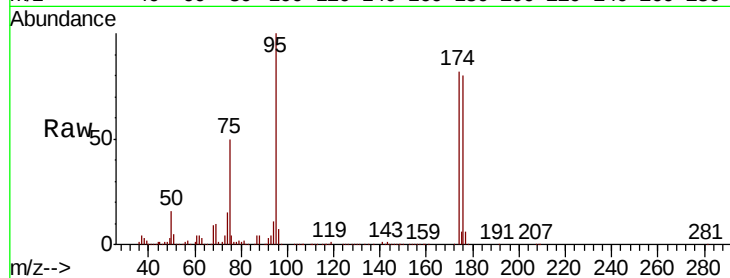
Tot Ion: 95 Resp: 180009

Ion Ratio Lower Upper

95 100

174 83.2 0.0 163.0

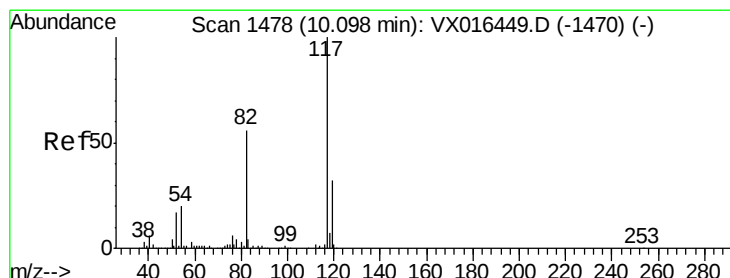
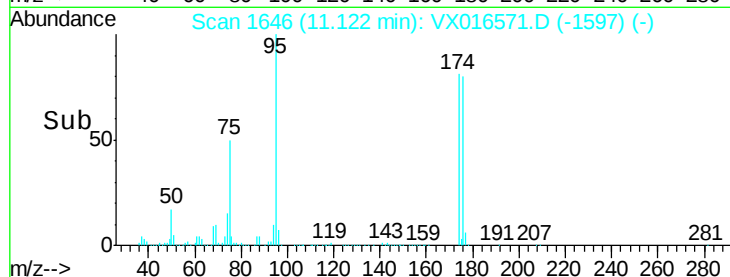
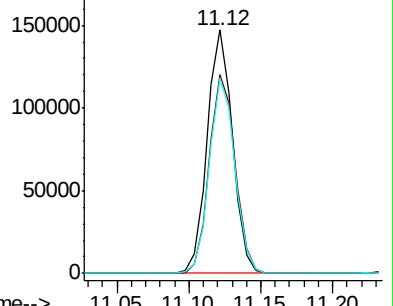
176 80.6 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016449.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016449.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016449.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

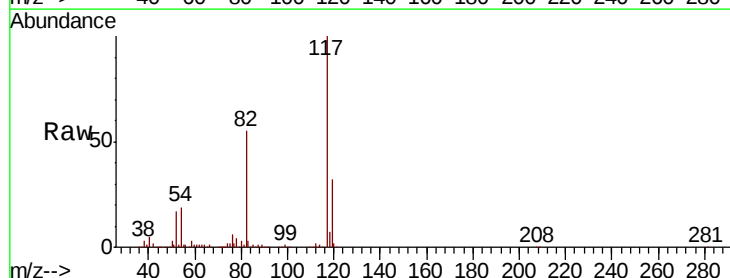
Tgt Ion: 117 Resp: 357433

Ion Ratio Lower Upper

117 100

82 54.9 45.0 67.6

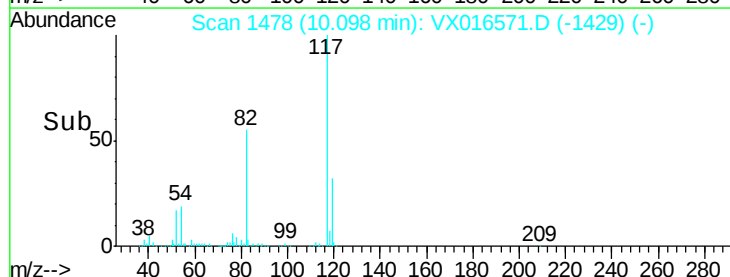
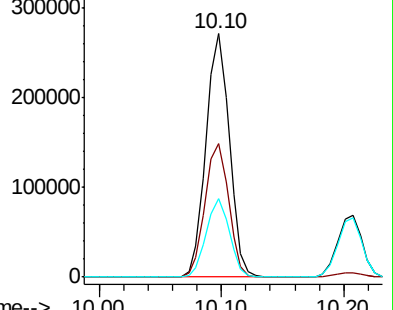
119 32.4 25.8 38.8

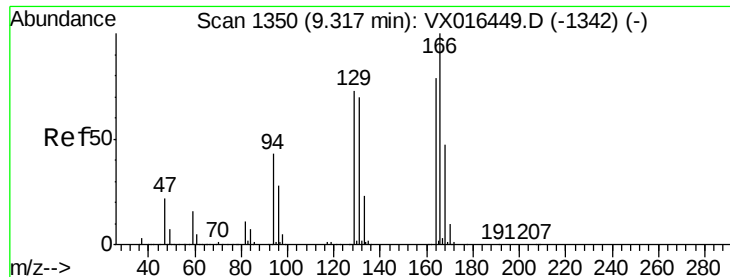


Abundance Ion 116.90 (116.60 to 117.60): VX016449.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX016449.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016449.D (-1470) (-)





#64

Tetrachloroethene

Concen: 42.679 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 170671

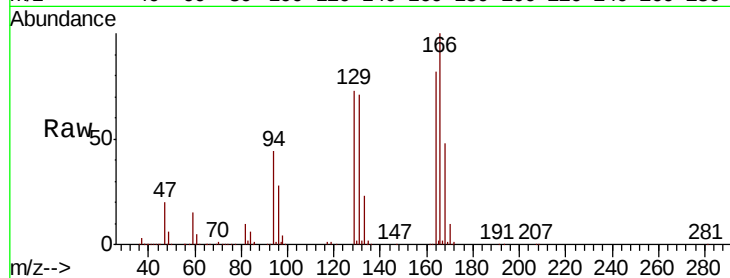
Ion Ratio Lower Upper

164 100

166 122.5 100.9 151.3

129 89.4 73.2 109.8

131 87.5 70.8 106.2

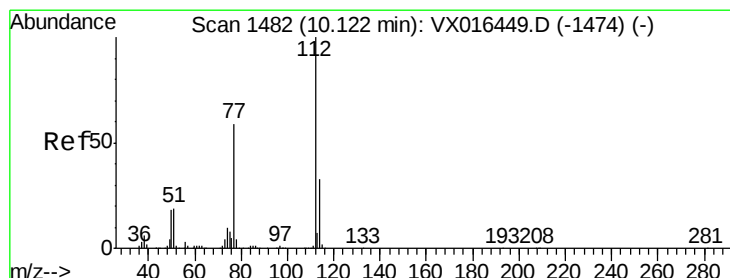
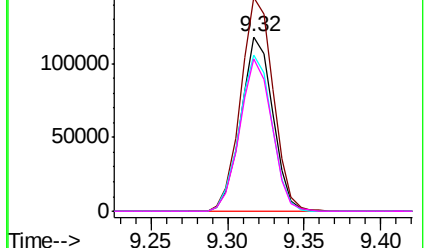
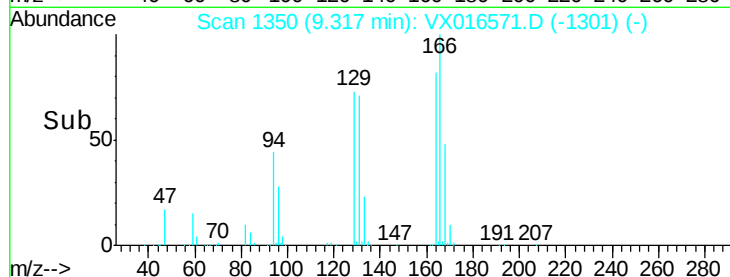


Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.823 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016571.D

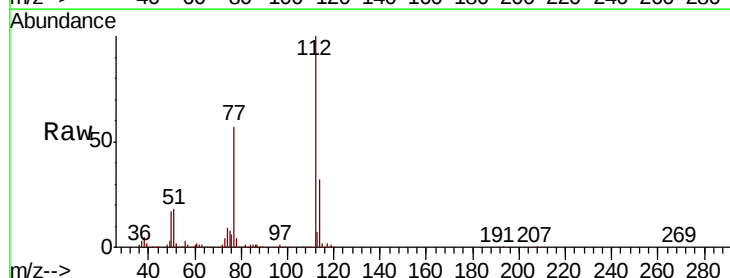
Acq: 03 Jun 2020 17:06

Tgt Ion:112 Resp: 370353

Ion Ratio Lower Upper

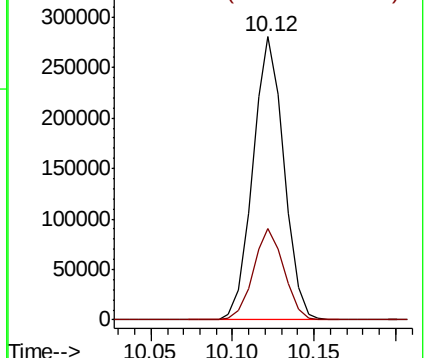
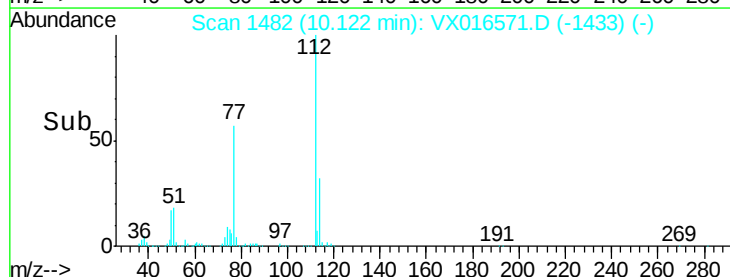
112 100

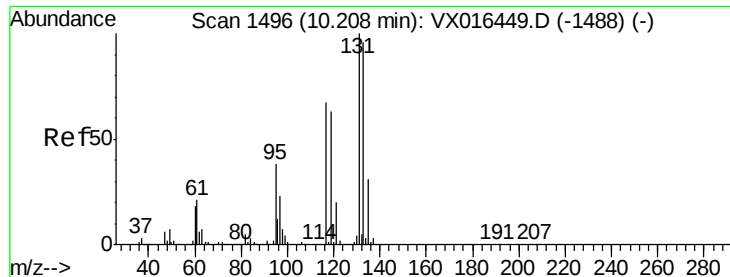
114 32.4 26.0 39.0



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: 52.666 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :

MSVOA_X

ClientSampled :

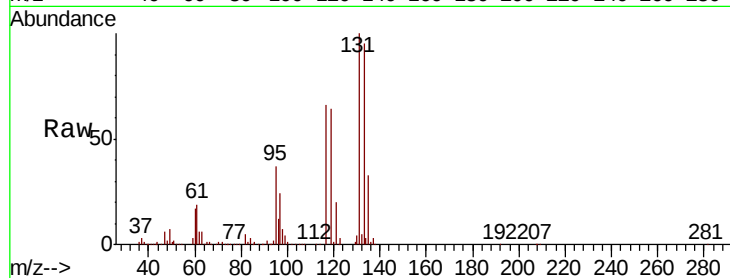
Tot Ion:131 Resp: 146498

Ion Ratio Lower Upper

131 100

133 96.7 48.4 145.3

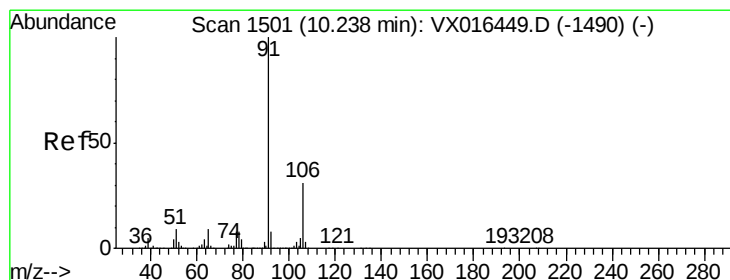
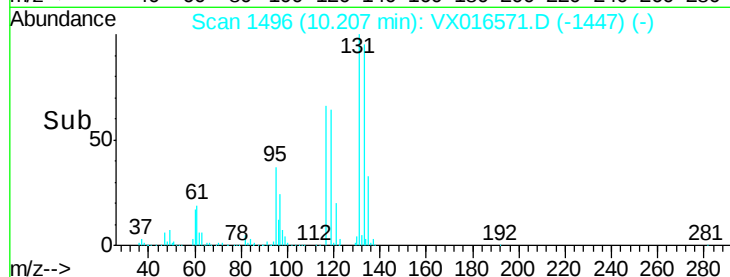
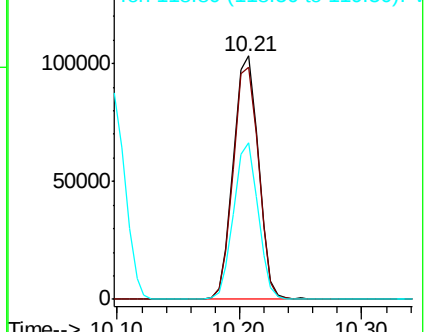
119 62.7 32.0 96.2



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: 50.538 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016571.D

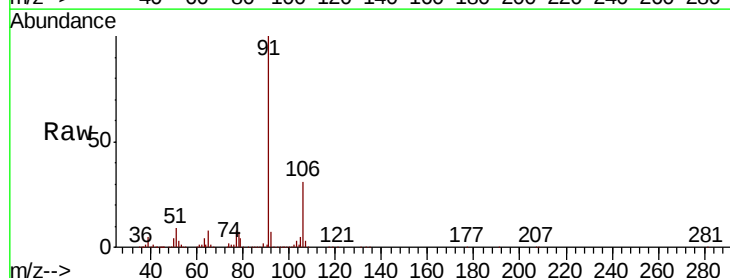
Acq: 03 Jun 2020 17:06

Tgt Ion: 91 Resp: 655683

Ion Ratio Lower Upper

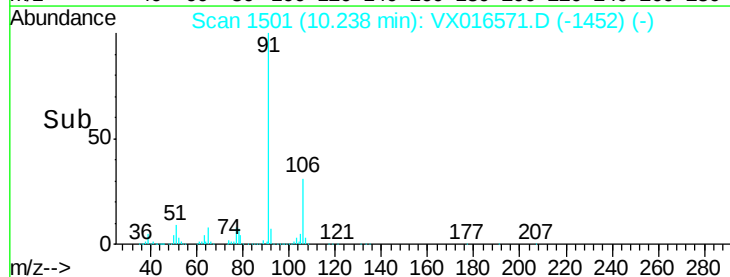
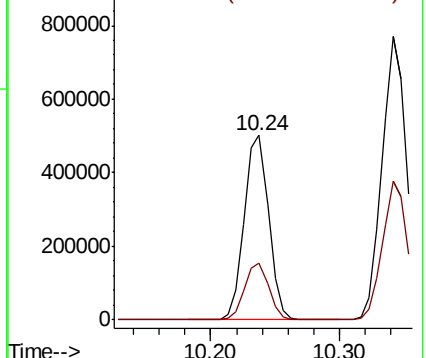
91 100

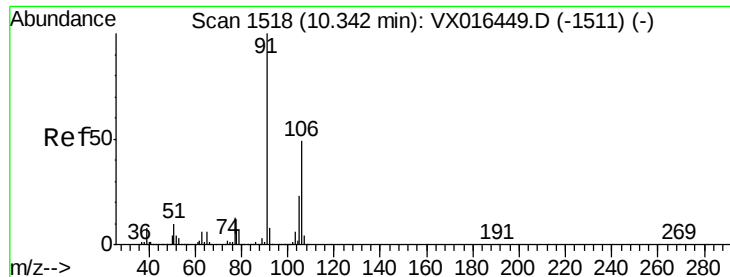
106 30.9 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

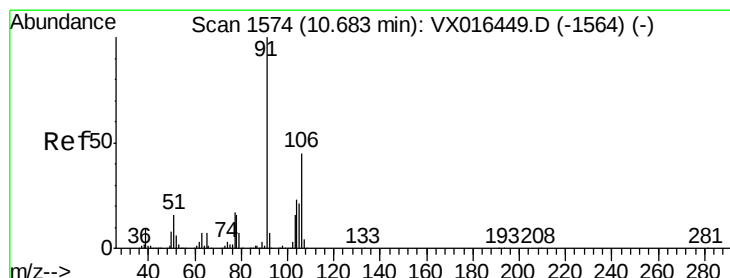
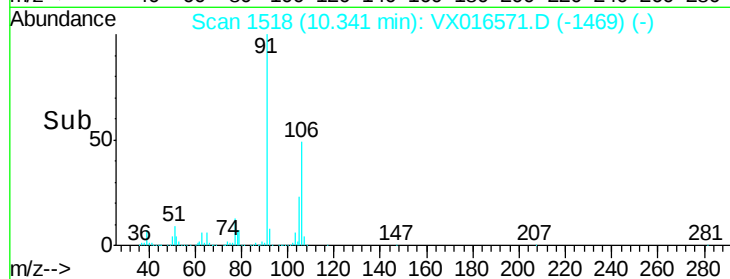
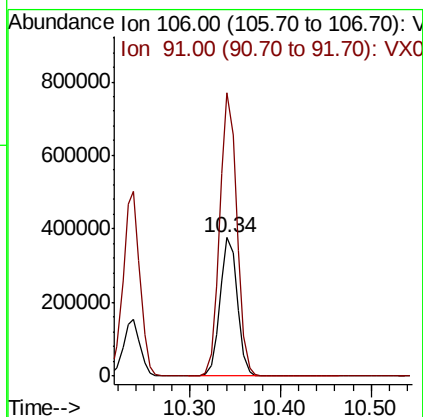
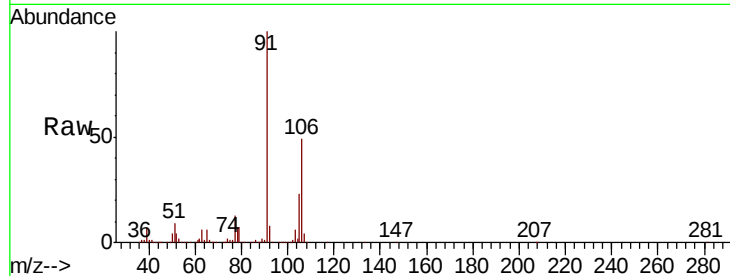




#68
m/p-Xylenes
Concen: 104.308 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

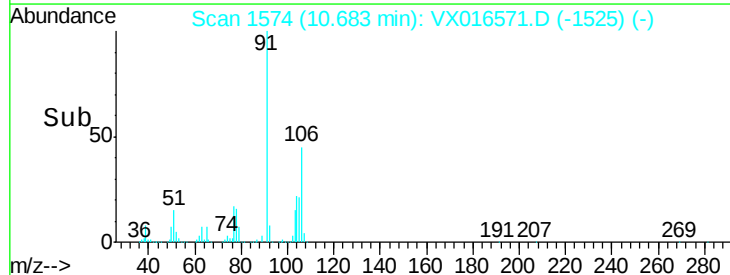
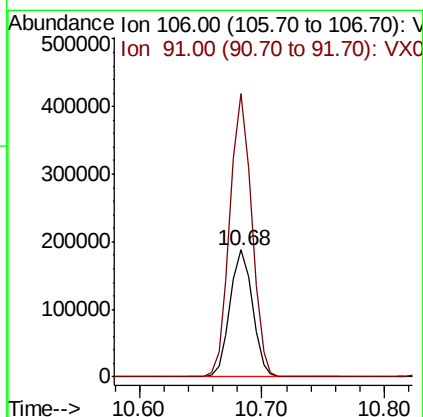
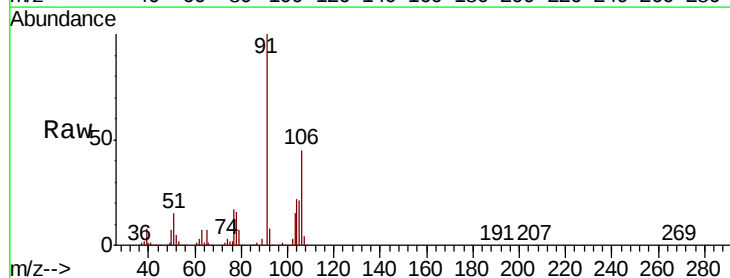
Instrument :
MSVOA_X
ClientSampled :

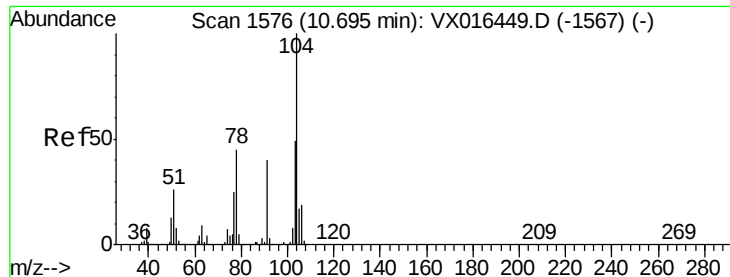
Tot Ion:106 Resp: 501766
Ion Ratio Lower Upper
106 100
91 202.6 163.8 245.8



#69
o-Xylene
Concen: 51.133 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

Tgt Ion:106 Resp: 238214
Ion Ratio Lower Upper
106 100
91 218.1 109.6 328.8

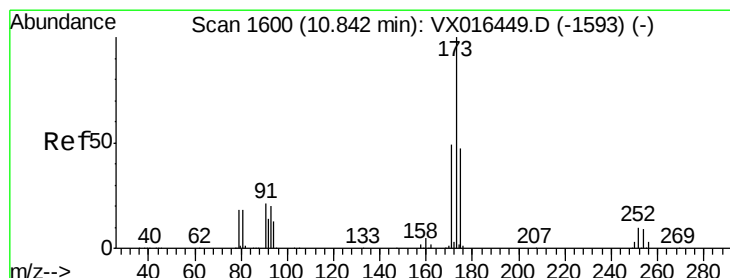
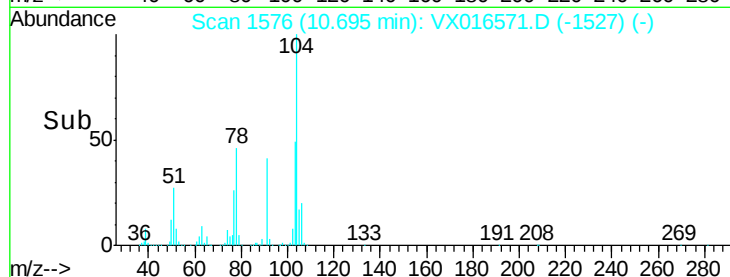
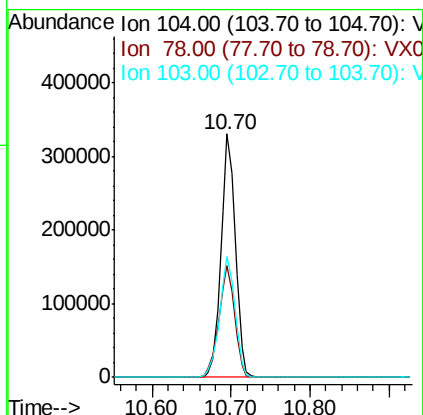
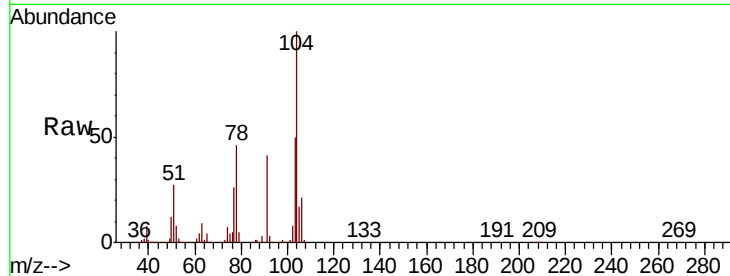




#70
Stvrene
Concen: 52.474 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

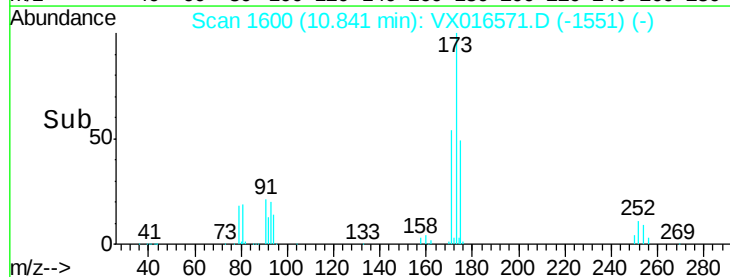
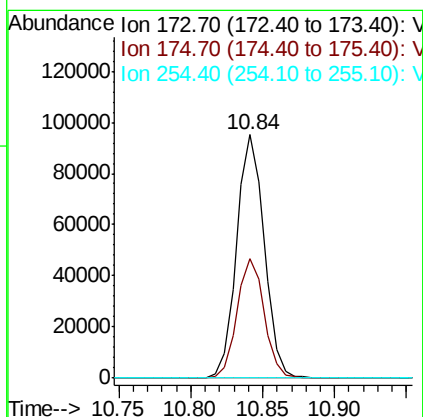
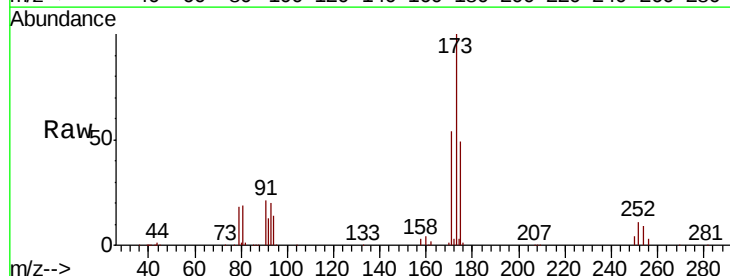
Instrument :
MSVOA_X
ClientSampleId :

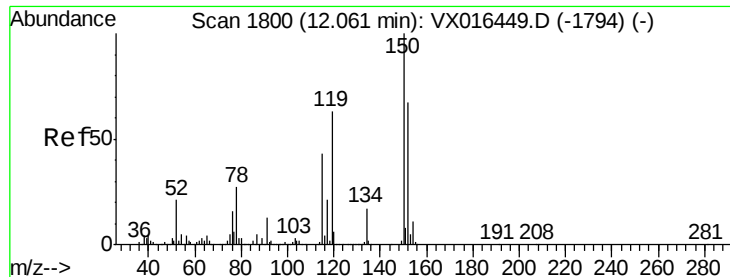
Tot Ion	Ratio	Lower	Upper
104	100		
78	50.3	40.2	60.2
103	53.8	43.1	64.7



#71
Bromoform
Concen: 54.038 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	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: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :

MSVOA_X

ClientSampleId :

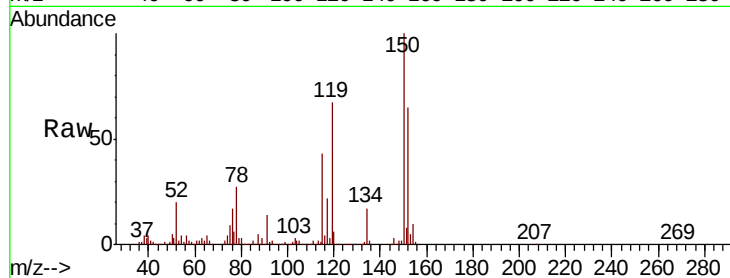
Tot Ion:152 Resp: 183542

Ion Ratio Lower Upper

152 100

115 80.4 39.9 119.6

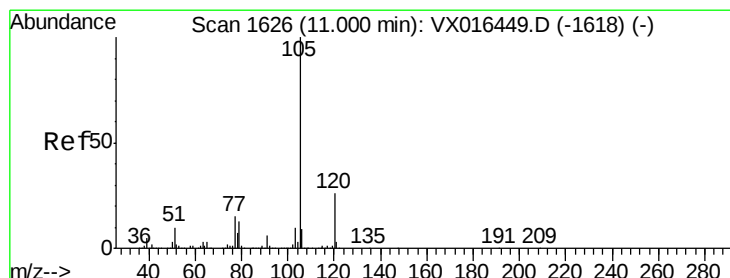
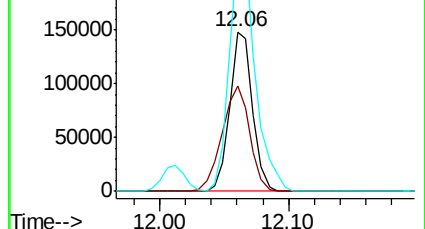
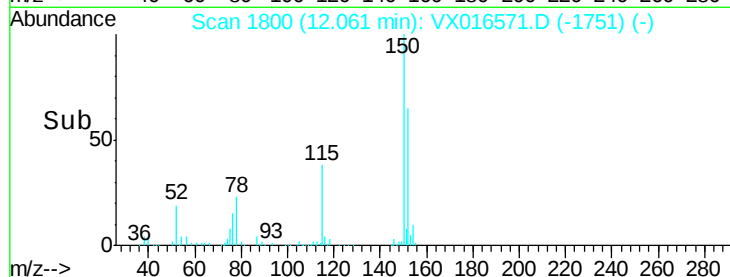
150 173.5 0.0 341.0



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: 49.887 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016571.D

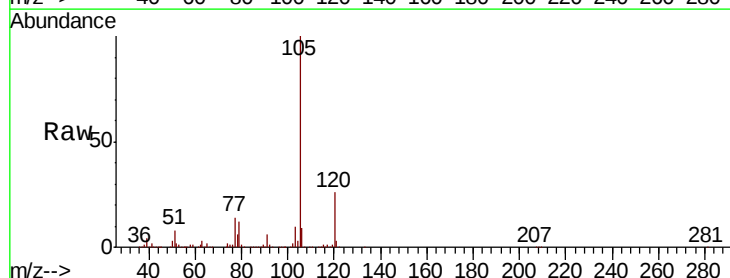
Acq: 03 Jun 2020 17:06

Tgt Ion:105 Resp: 634424

Ion Ratio Lower Upper

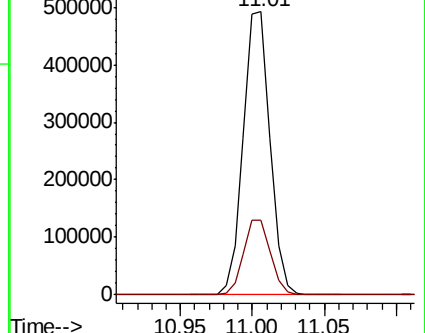
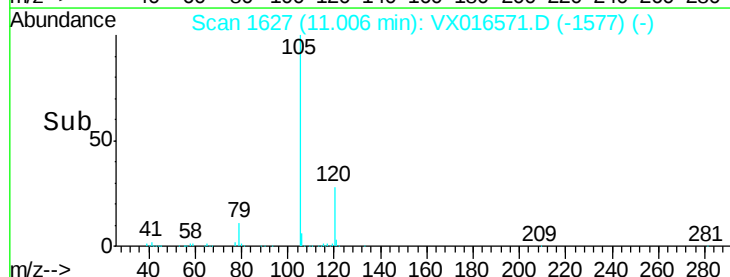
105 100

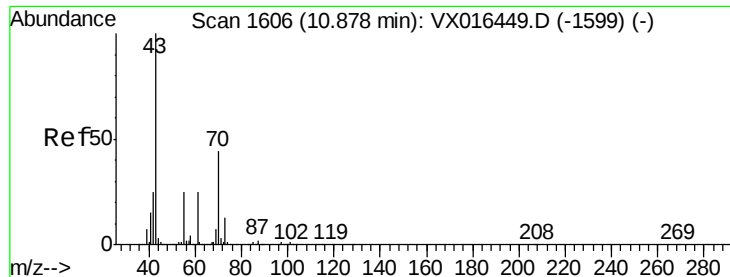
120 26.7 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 47.307 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 276729

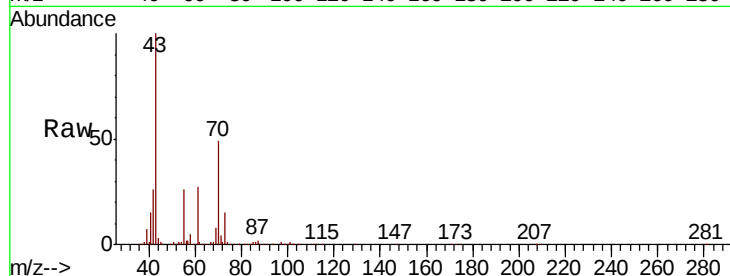
Ion Ratio Lower Upper

43 100

70 47.7 36.1 54.1

55 26.0 20.2 30.4

61 26.3 20.3 30.5

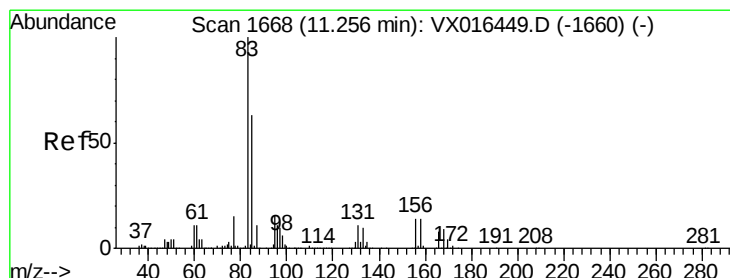
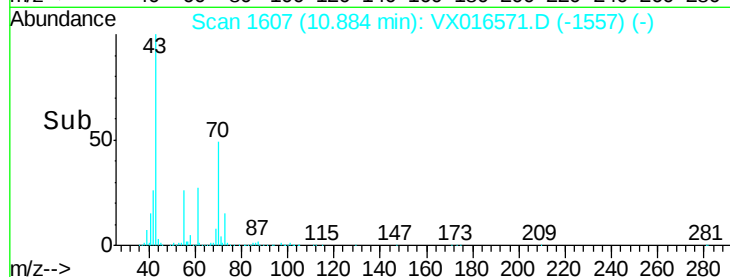
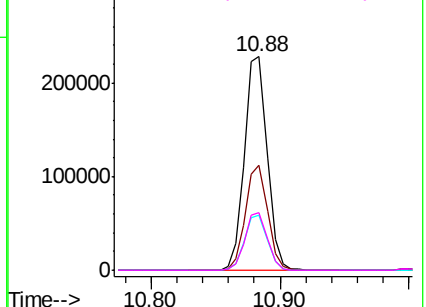


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 58.800 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

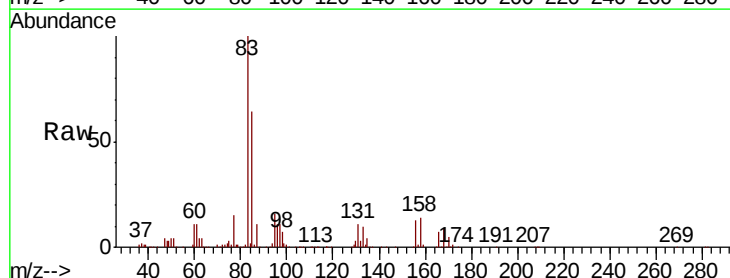
Tgt Ion: 83 Resp: 187409

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

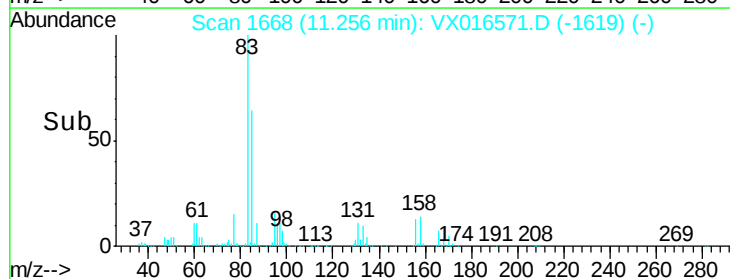
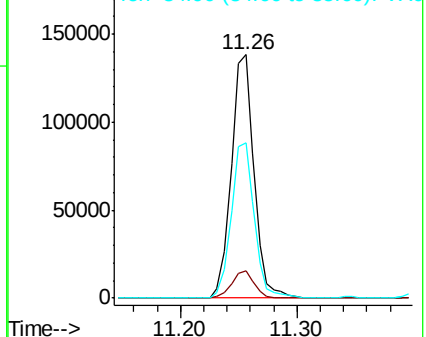
85 64.9 32.0 96.2

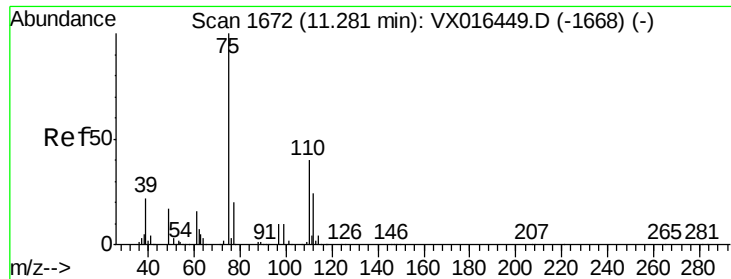


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

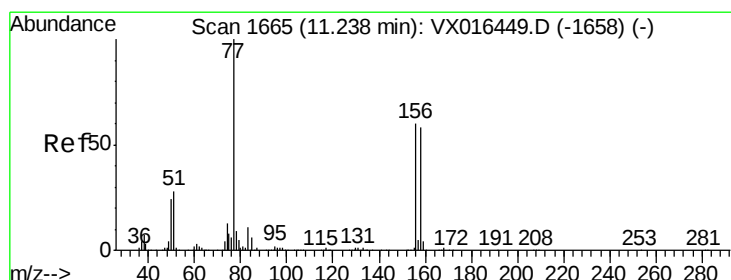
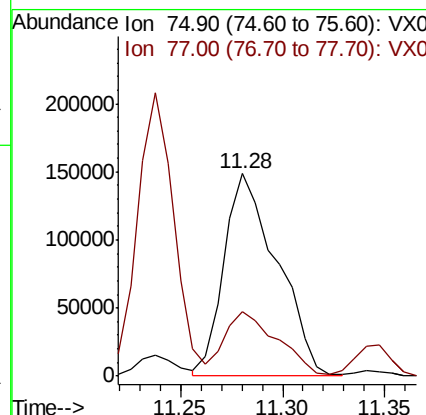
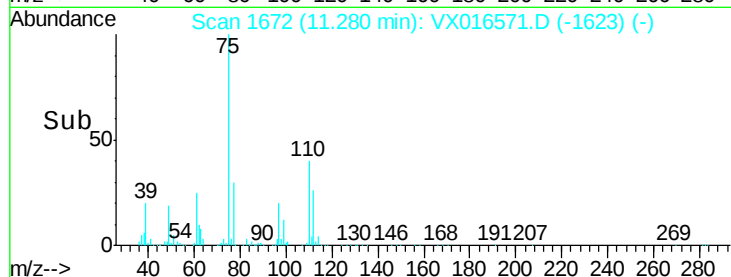
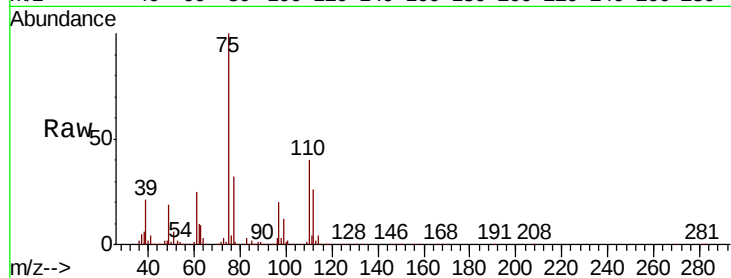




#76
1,2,3-Trichloropropane
Concen: 66.599 ug/l
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

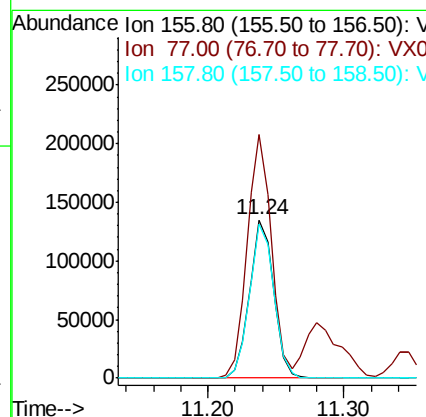
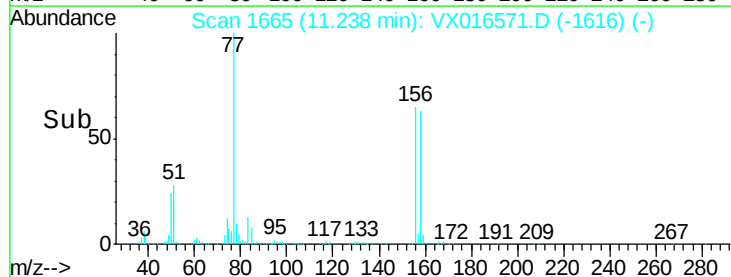
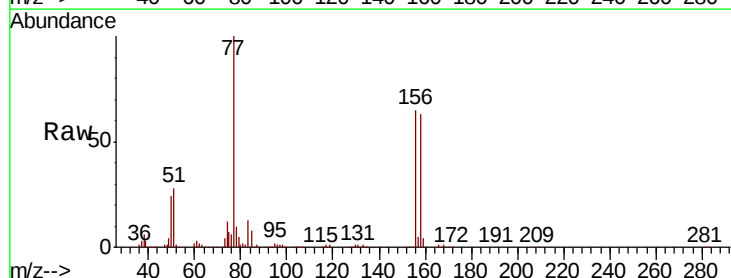
Instrument :
MSVOA_X
ClientSampleId :

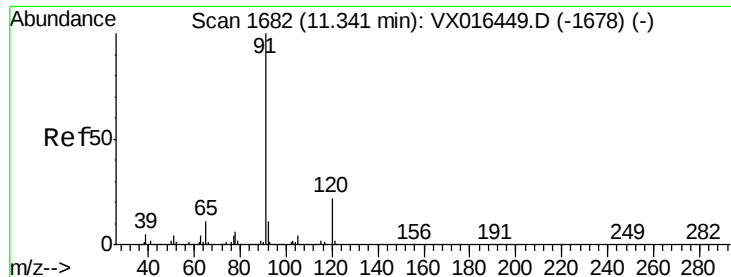
Tot Ion: 75 Resp: 268682
Ion Ratio Lower Upper
75 100
77 31.5 21.3 63.7



#77
Bromobenzene
Concen: 50.092 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

Tgt Ion: 156 Resp: 167083
Ion Ratio Lower Upper
156 100
77 154.6 79.6 238.8
158 98.8 48.1 144.4





#78

n-propylbenzene

Concen: 50.701 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :

MSVOA_X

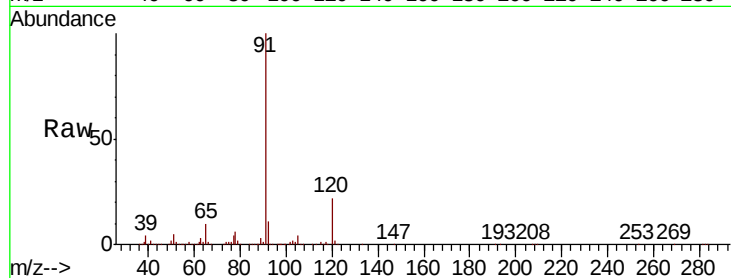
ClientSampleId :

Tot Ion: 91 Resp: 720357

Ion Ratio Lower Upper

91 100

120 23.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

600000

400000

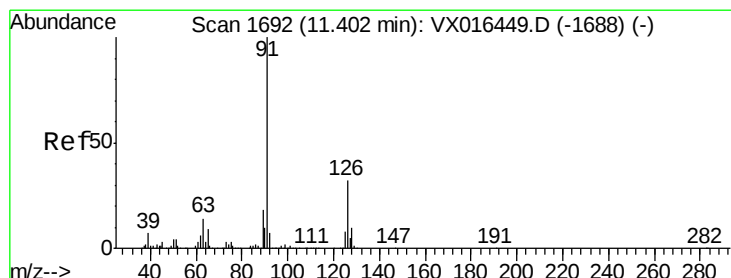
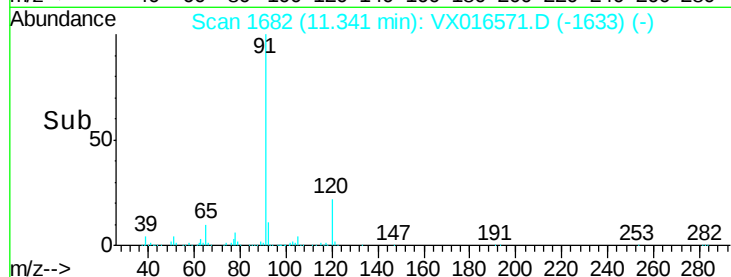
200000

0

11.34

11.35

Time-->



#79

2-Chlorotoluene

Concen: 50.402 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016571.D

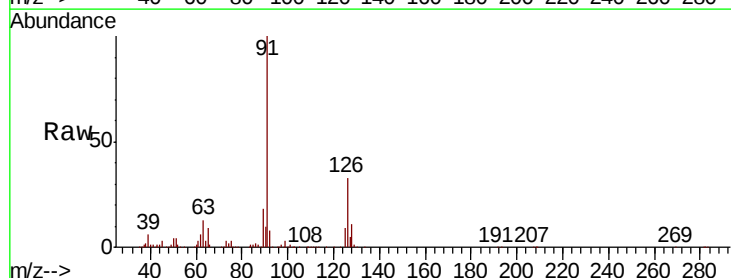
Acq: 03 Jun 2020 17:06

Tgt Ion: 91 Resp: 437114

Ion Ratio Lower Upper

91 100

126 33.8 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

600000

500000

400000

300000

200000

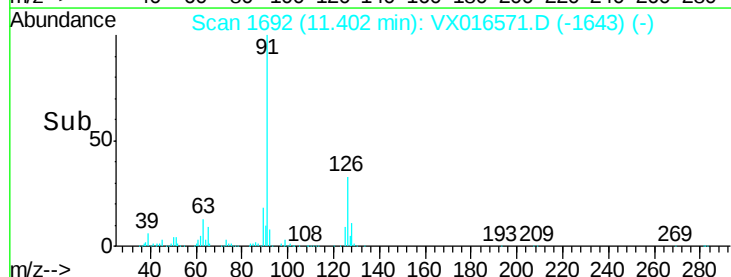
100000

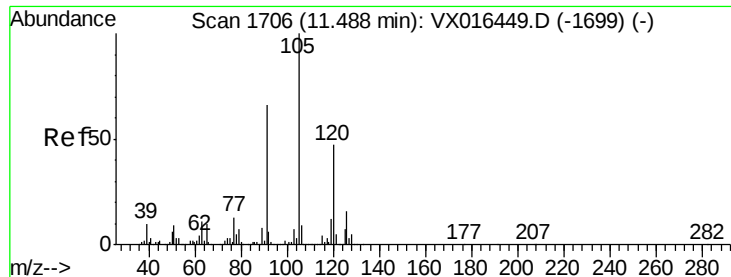
0

11.40

11.45

Time-->

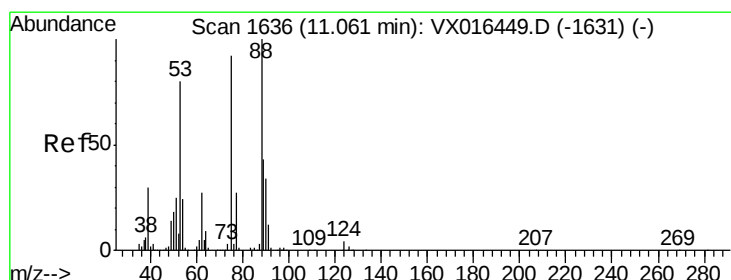
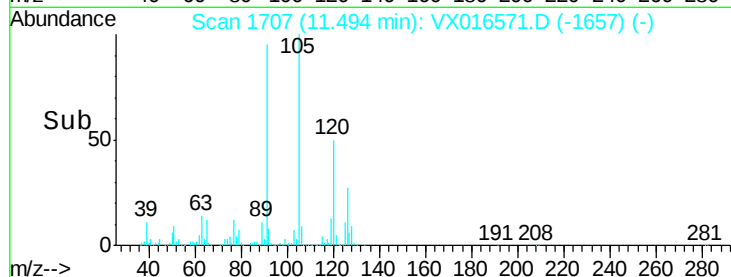
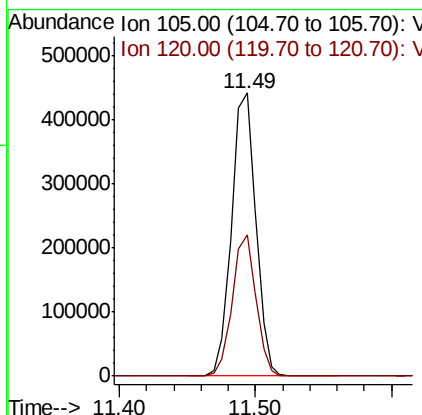
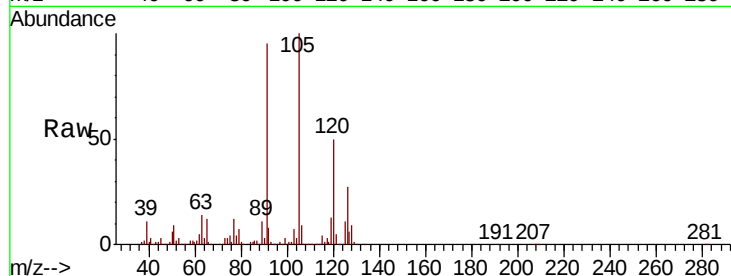




#80
 1,3,5-Trimethylbenzene
 Concen: 51.684 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX016571.D
 Acq: 03 Jun 2020 17:06

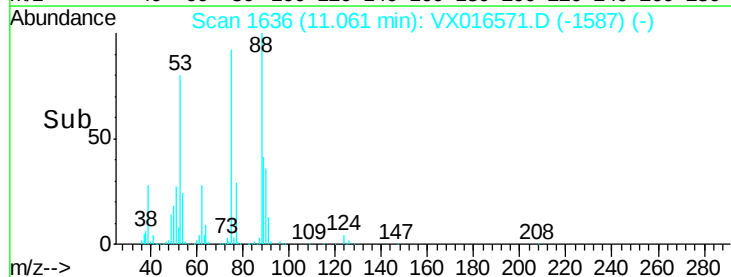
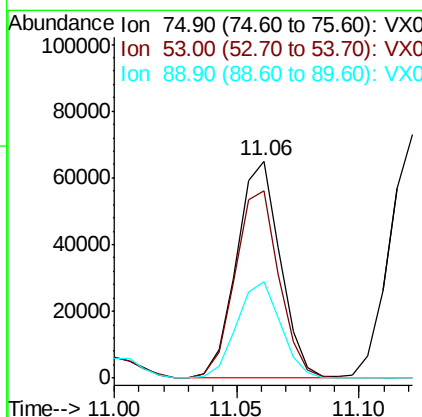
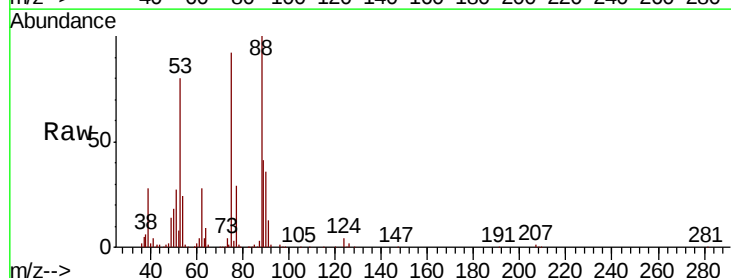
Instrument :
 MSVOA_X
 ClientSampled :

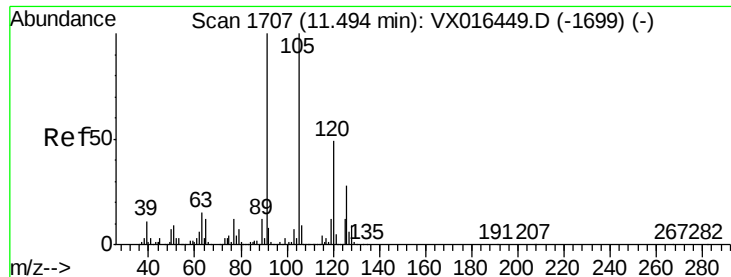
Tot Ion:105 Resp: 548820
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.803 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX016571.D
 Acq: 03 Jun 2020 17:06

Tgt Ion: 75 Resp: 80040
 Ion Ratio Lower Upper
 75 100
 53 88.0 71.3 106.9
 89 45.2 36.6 55.0

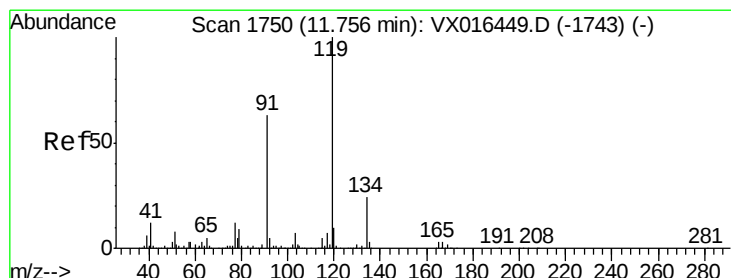
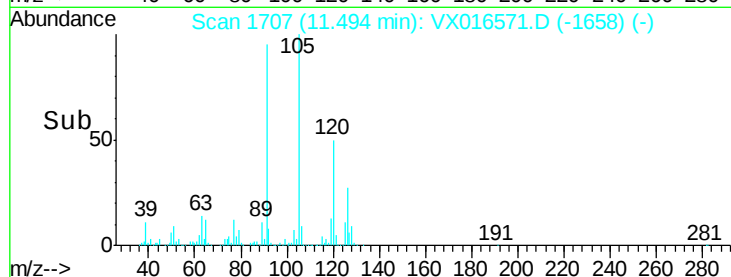
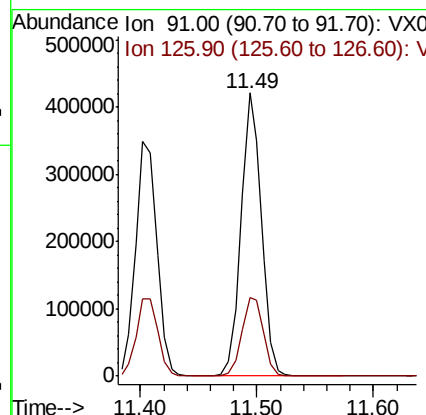
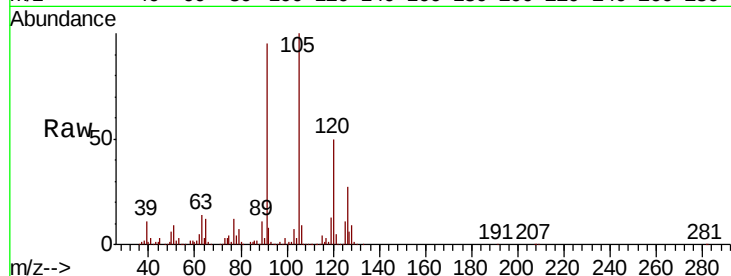




#82
4-Chlorotoluene
Concen: 50.084 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

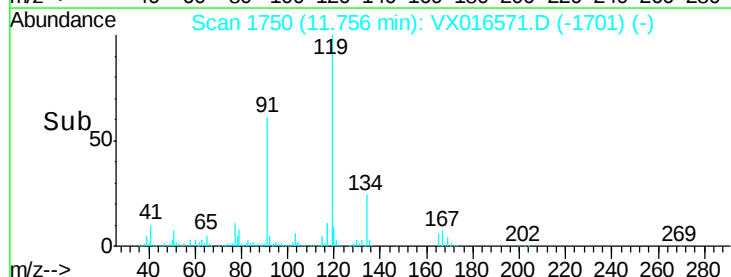
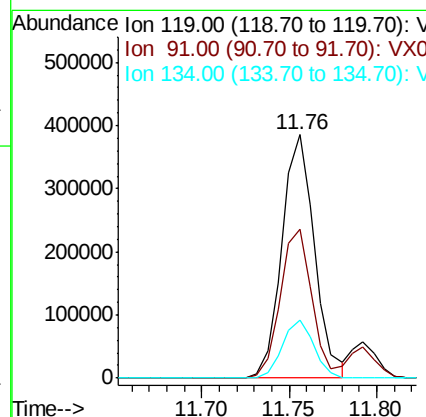
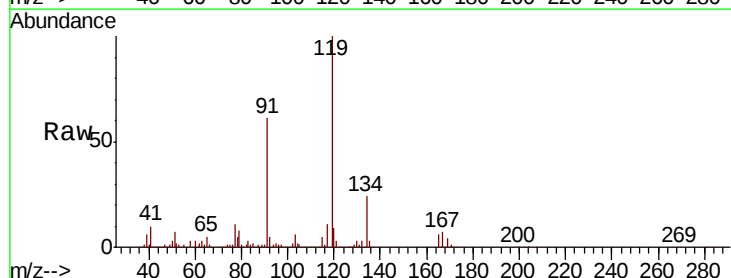
Instrument :
MSVOA_X
ClientSampled :

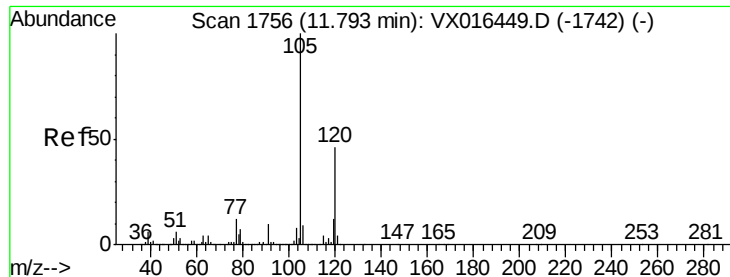
Tot Ion: 91 Resp: 512925
Ion Ratio Lower Upper
91 100
126 29.4 14.7 44.1



#83
tert-Butylbenzene
Concen: 55.120 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

Tgt Ion: 119 Resp: 500114
Ion Ratio Lower Upper
119 100
91 59.1 31.3 93.8
134 23.1 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 51.366 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :

MSVOA_X

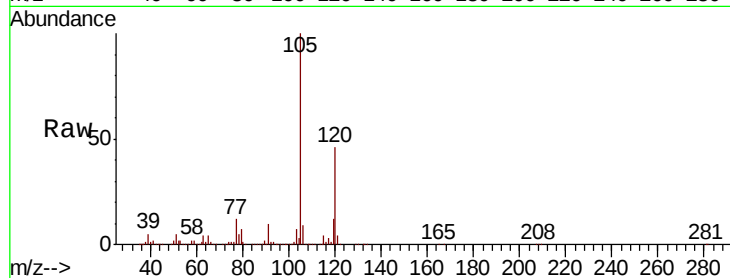
ClientSampleId :

Tot Ion:105 Resp: 551614

Ion Ratio Lower Upper

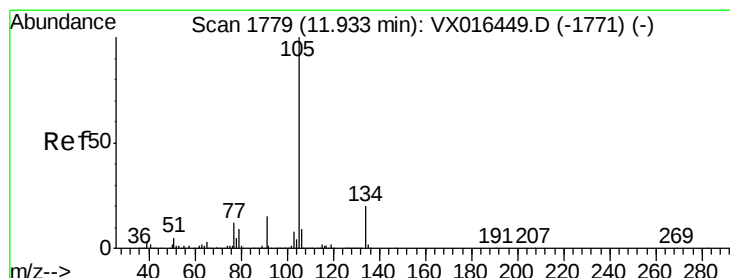
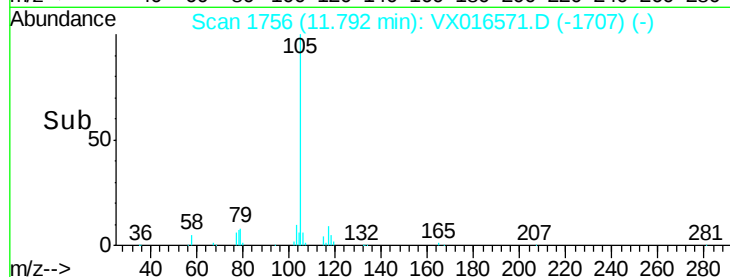
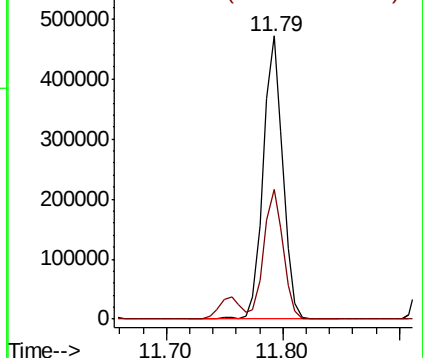
105 100

120 45.6 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: 53.205 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016571.D

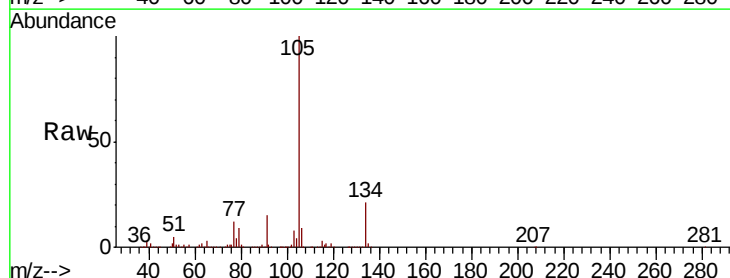
Acq: 03 Jun 2020 17:06

Tgt Ion:105 Resp: 605580

Ion Ratio Lower Upper

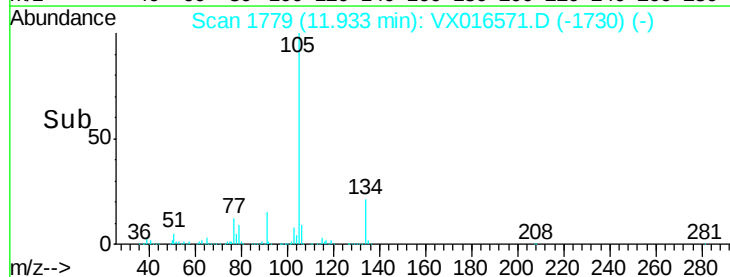
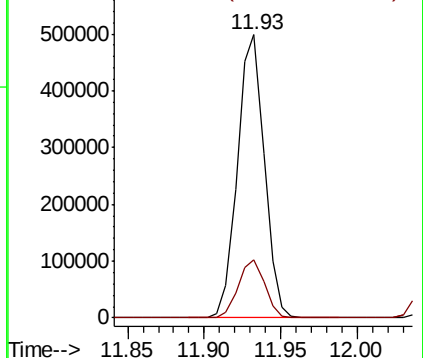
105 100

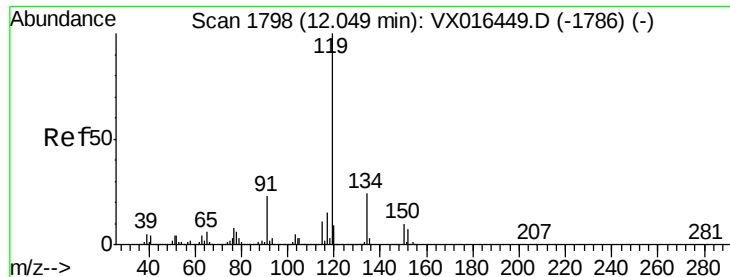
134 20.3 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

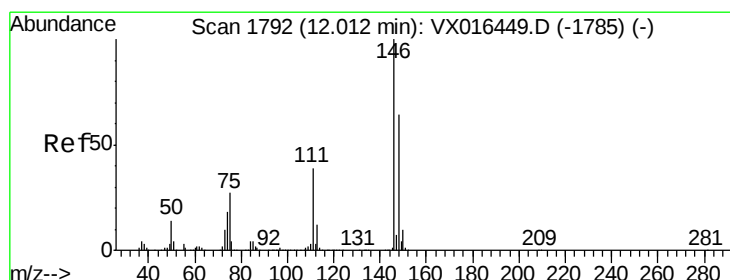
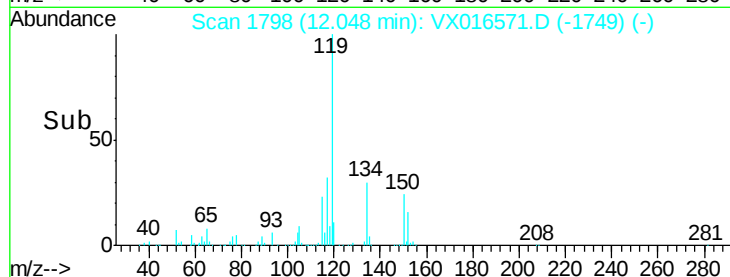
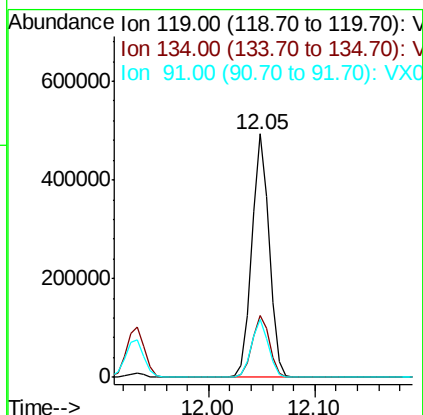
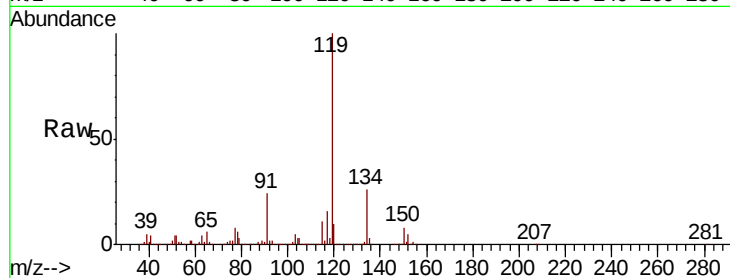




#86
p-Isopropyltoluene
Concen: 52.831 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

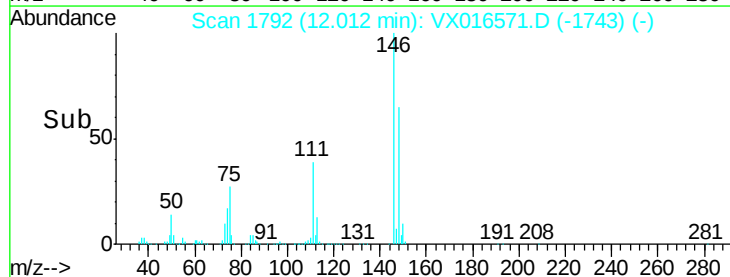
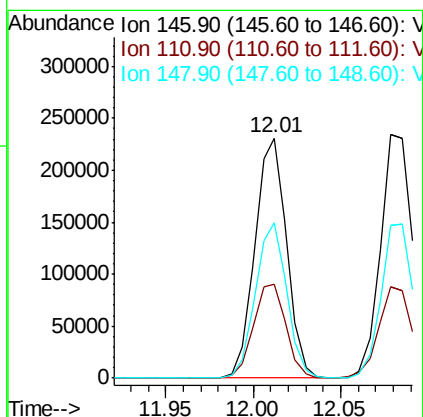
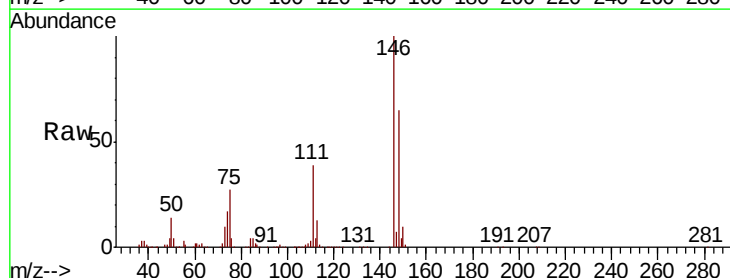
Instrument :
MSVOA_X
ClientSampleId :

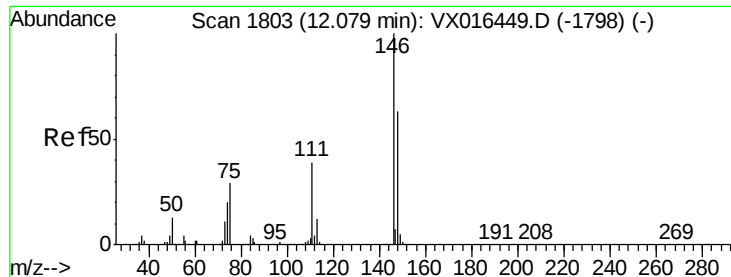
Tot Ion:119 Resp: 563284
Ion Ratio Lower Upper
119 100
134 25.7 12.7 38.0
91 23.4 11.7 35.0



#87
1,3-Dichlorobenzene
Concen: 50.798 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016571.D
Acq: 03 Jun 2020 17:06

Tgt Ion:146 Resp: 293549
Ion Ratio Lower Upper
146 100
111 40.2 20.0 60.0
148 63.9 31.9 95.5

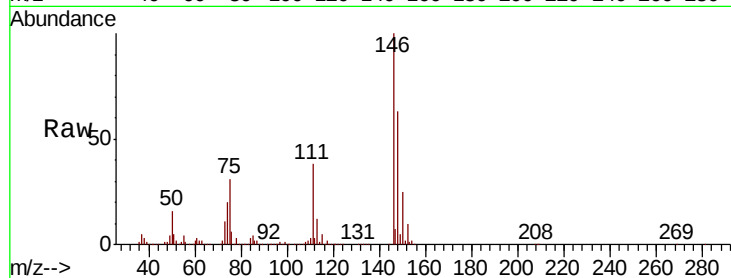




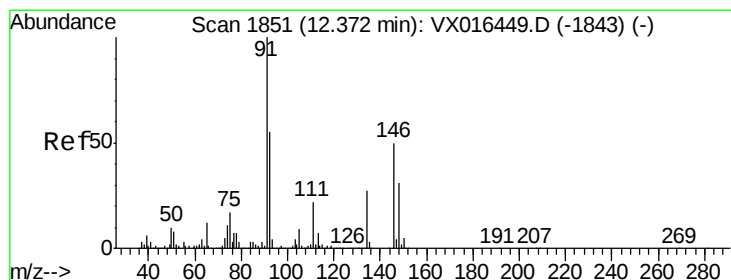
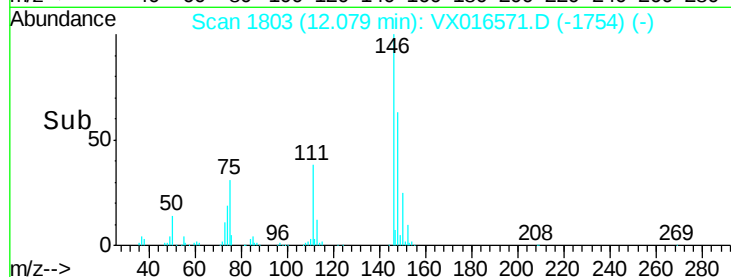
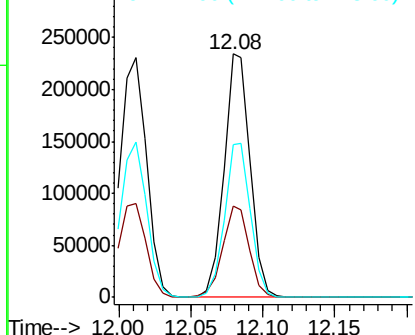
#88
 1,4-Dichlorobenzene
 Concen: 50.388 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016571.D
 Acq: 03 Jun 2020 17:06

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.4	58.2
148	63.3	31.4	94.3

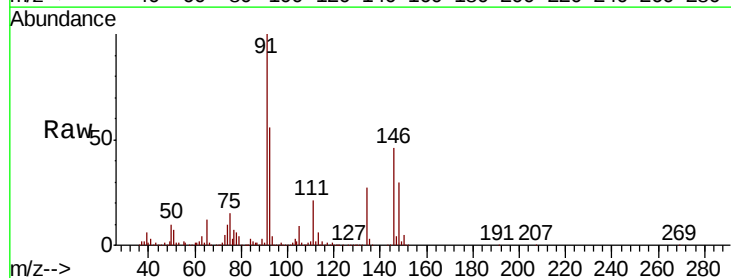


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

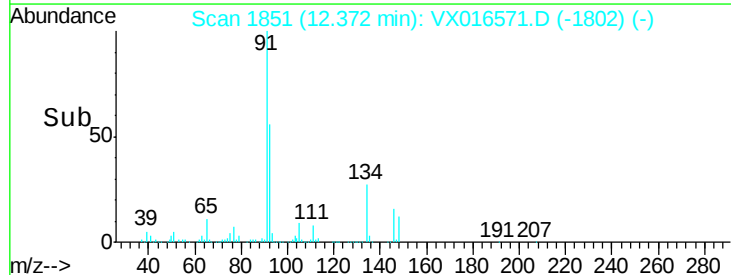
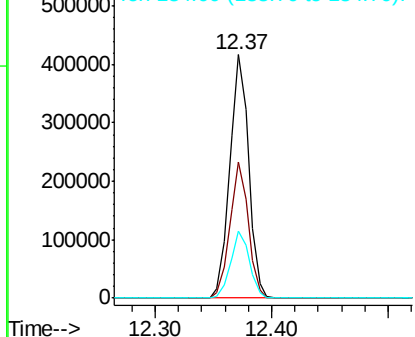


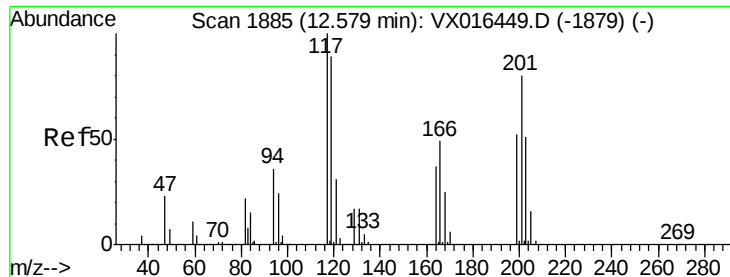
#89
 n-Butylbenzene
 Concen: 52.920 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016571.D
 Acq: 03 Jun 2020 17:06

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.2	81.5
134	27.2	13.1	39.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 53.128 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :

MSVOA_X

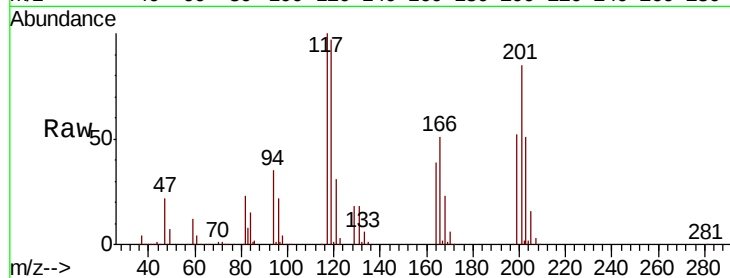
ClientSampleId :

Tot Ion:117 Resp: 97842

Ion Ratio Lower Upper

117 100

201 88.4 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

80000

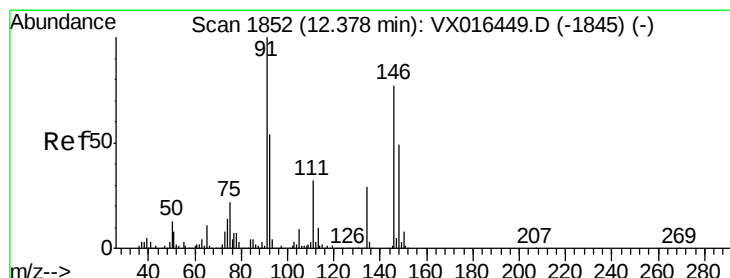
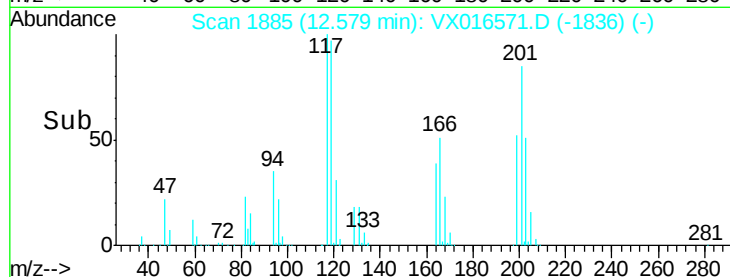
60000

40000

20000

0

Time--> 12.50 12.55 12.60



#91

1,2-Dichlorobenzene

Concen: 50.529 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

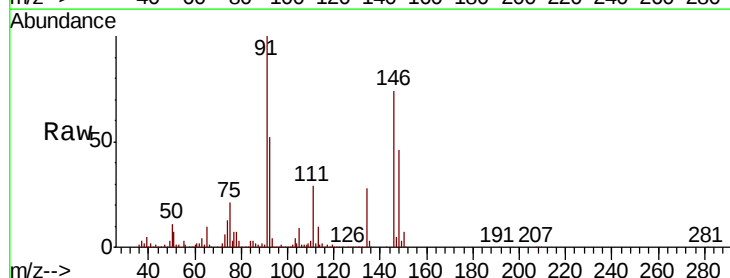
Tgt Ion:146 Resp: 282892

Ion Ratio Lower Upper

146 100

111 41.2 21.4 64.3

148 64.1 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

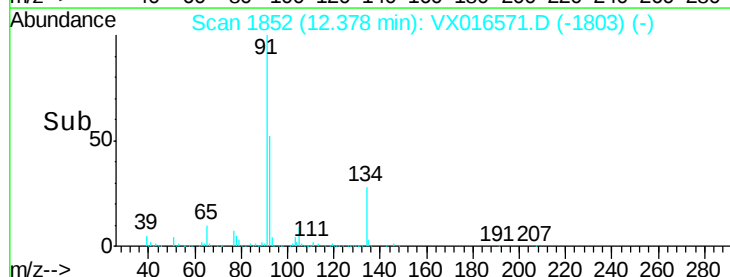
150000

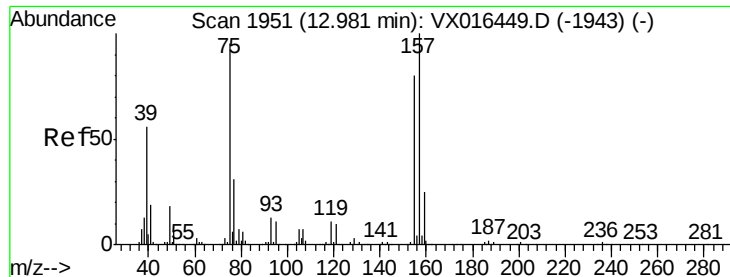
100000

50000

0

Time--> 12.30 12.35 12.40 12.45





#92

1,2-Dibromo-3-Chloropropane

Concen: 49.682 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :

MSVOA_X

ClientSampleId :

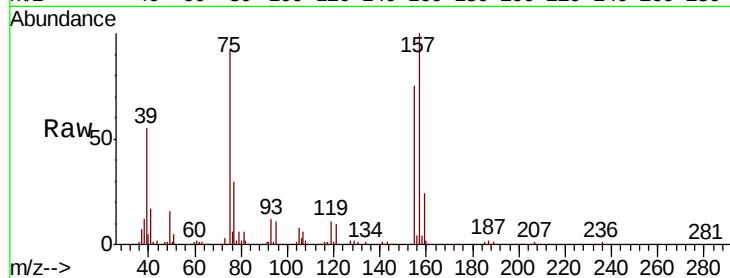
Tot Ion: 75 Resp: 51290

Ion	Ratio	Lower	Upper
75	100		
155	89.5	44.1	132.4
157	119.0	57.8	173.3

75 100

155 89.5 44.1 132.4

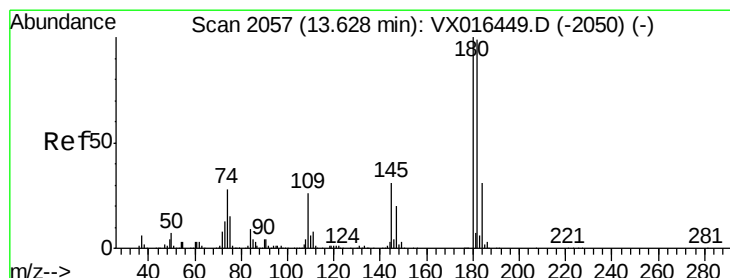
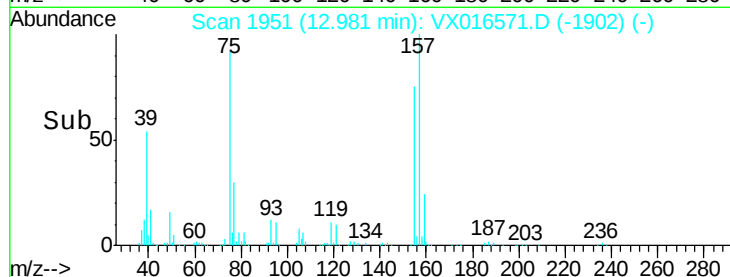
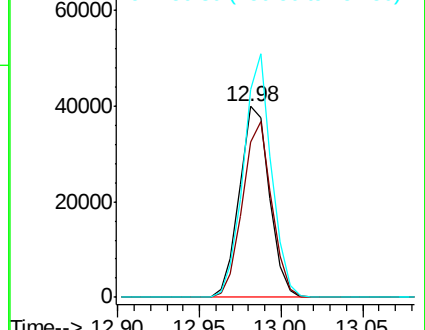
157 119.0 57.8 173.3



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: 55.344 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

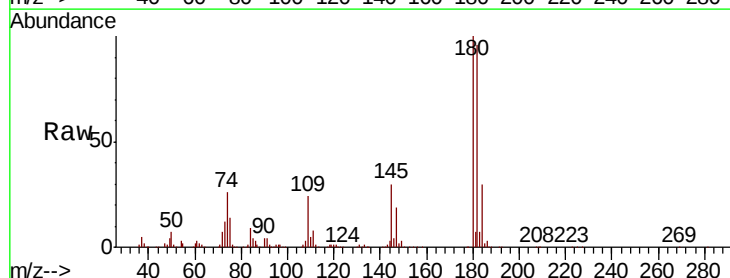
Tgt Ion: 180 Resp: 205785

Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.3	144.8
145	30.2	15.4	46.2

180 100

182 95.4 48.3 144.8

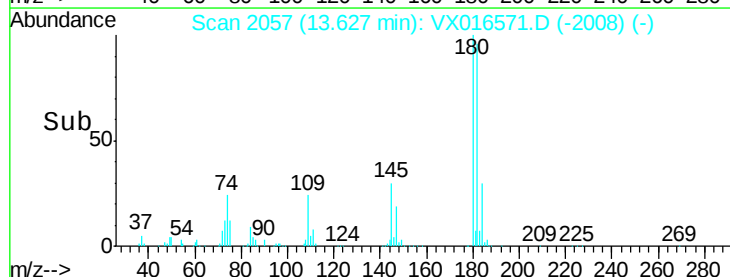
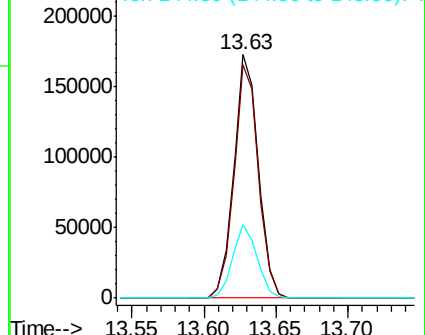
145 30.2 15.4 46.2

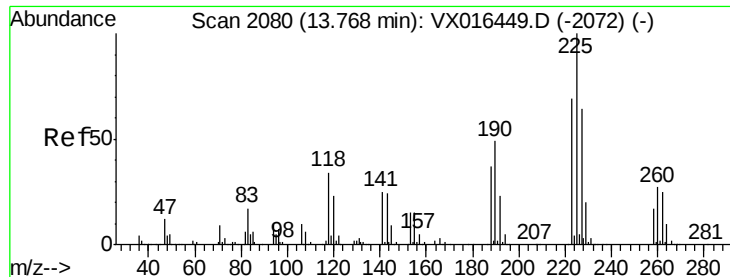


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 57.134 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

Instrument :

MSVOA_X

ClientSampleId :

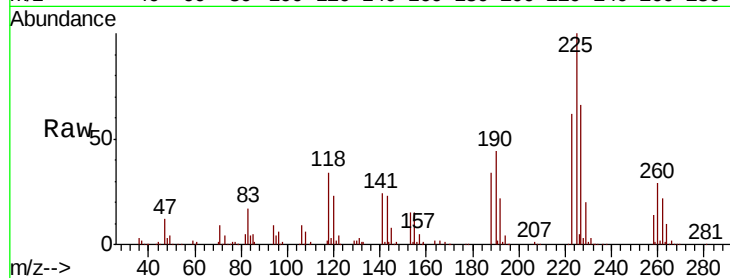
Tot Ion:225 Resp: 83409

Ion Ratio Lower Upper

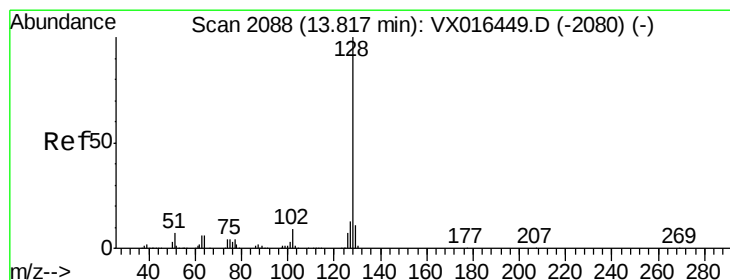
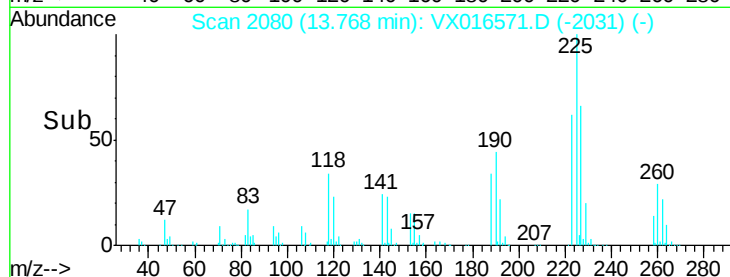
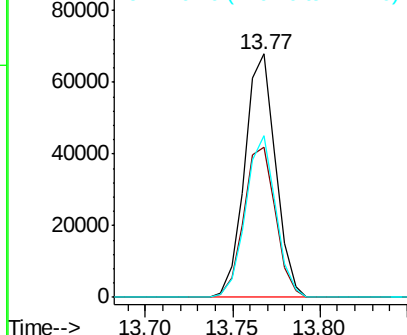
225 100

223 63.1 32.3 96.8

227 64.4 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: 52.496 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016571.D

Acq: 03 Jun 2020 17:06

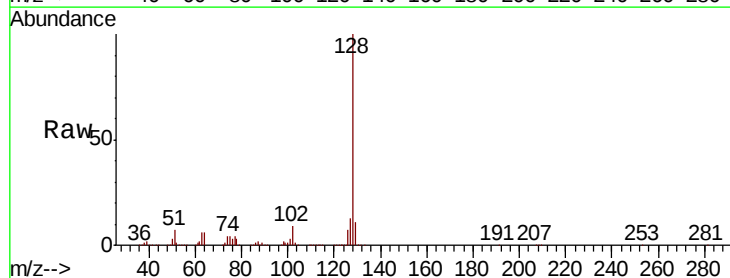
Tgt Ion:128 Resp: 669147

Ion Ratio Lower Upper

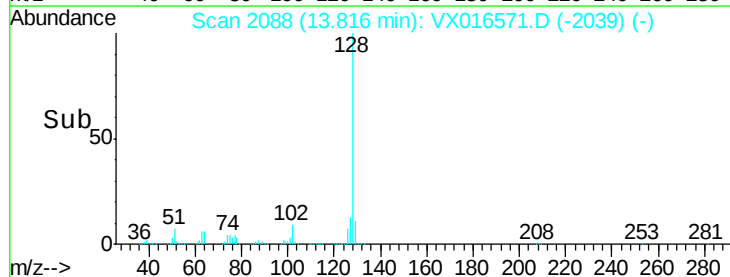
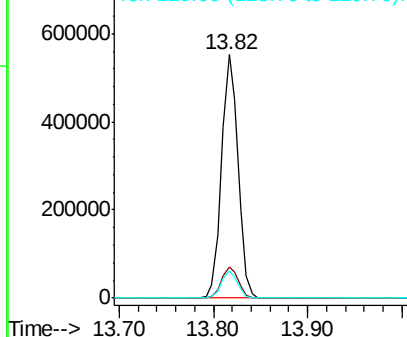
128 100

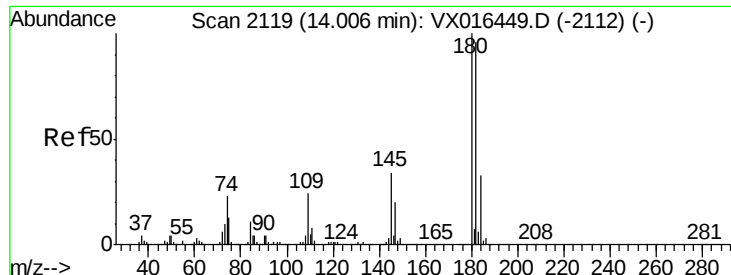
127 12.9 10.6 15.8

129 11.1 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

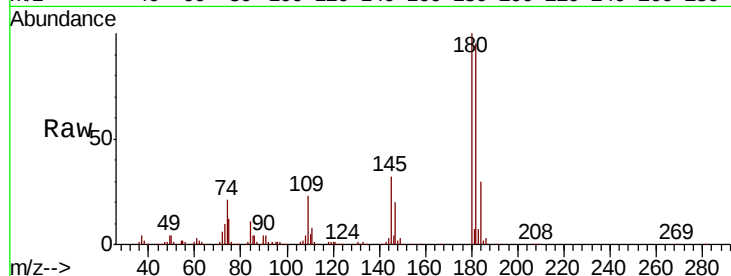




#96
 1,2,3-Trichlorobenzene
 Concen: 55.038 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016571.D
 Acq: 03 Jun 2020 17:06

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.6	145.8
145	31.8	16.6	49.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

