

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060220\
 Data File : VX016549.D
 Acq On : 02 Jun 2020 12:18
 Operator : JC/SP
 Sample : L2801-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MS

Quant Time: Jun 03 04:06:38 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	324085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	519948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	482514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	242045	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	195424	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	5.46	113	157519	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	8.70	98	618733	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.12	95	236974	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	148477	46.554	ug/l	95
3) Chloromethane	1.31	50	173847	45.106	ug/l	98
4) Vinyl Chloride	1.39	62	197358	48.420	ug/l	99
5) Bromomethane	1.62	94	82096	41.425	ug/l	99
6) Chloroethane	1.70	64	118615	49.888	ug/l	100
7) Trichlorofluoromethane	1.91	101	252344	47.142	ug/l	99
8) Diethyl Ether	2.17	74	109215	48.931	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	144251	48.964	ug/l	100
10) Methyl Iodide	2.49	142	145912	41.978	ug/l	98
11) Tert butyl alcohol	3.01	59	331569	321.269	ug/l	100
12) 1,1-Dichloroethene	2.36	96	150171	48.157	ug/l	99
13) Acrolein	2.27	56	140118	319.156	ug/l	97
14) Allyl chloride	2.70	41	295084	51.454	ug/l	97
15) Acrylonitrile	3.12	53	589783	278.974	ug/l	98
16) Acetone	2.42	43	2046338	1160.503	ug/l	99
17) Carbon Disulfide	2.55	76	436665	47.154	ug/l	100
18) Methyl Acetate	2.75	43	292883	64.760	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	549144	49.040	ug/l	98
20) Methylene Chloride	2.83	84	173670	47.604	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	166475	48.263	ug/l	95
22) Diisopropyl ether	3.82	45	531554	48.249	ug/l	98
23) Vinyl Acetate	3.78	43	2438662	252.890	ug/l	99
24) 1,1-Dichloroethane	3.67	63	302744	48.687	ug/l	100
25) 2-Butanone	4.64	43	3696968	1237.323	ug/l	98
26) 2,2-Dichloropropane	4.56	77	264672	52.017	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	194989	48.865	ug/l	99
28) Bromochloromethane	4.98	49	136959	47.398	ug/l	98
29) Tetrahydrofuran	5.09	42	559944	290.080	ug/l	99
30) Chloroform	5.18	83	296824	47.375	ug/l	98
31) Cyclohexane	5.55	56	263067	47.026	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	264567	46.642	ug/l	100
36) 1,1-Dichloropropene	5.77	75	228814	46.479	ug/l	99
37) Ethyl Acetate	4.79	43	298255	50.463	ug/l	99
38) Carbon Tetrachloride	5.75	117	234053	45.241	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	261727	48.947	ug/l	100
40) Benzene	6.11	78	691342	47.158	ug/l	99
41) Methacrylonitrile	5.00	41	159462	49.118	ug/l	99
42) 1,2-Dichloroethane	6.17	62	236931	45.445	ug/l	98
43) Isopropyl Acetate	6.41	43	454173	49.264	ug/l	99
44) Trichloroethene	7.19	130	201605	43.343	ug/l	100
45) 1,2-Dichloropropane	7.49	63	178942	47.946	ug/l	99
46) Dibromomethane	7.64	93	118832	47.404	ug/l	99
47) Bromodichloromethane	7.88	83	243925	46.995	ug/l	99
48) Methyl methacrylate	7.74	41	216729	49.099	ug/l	98
49) 1,4-Dioxane	7.71	88	106153	1027.602	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1571384	273.741	ug/l	99
52) Toluene	8.76	92	440126	47.609	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	291627	49.411	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	302896	48.485	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	178095	48.452	ug/l	98
56) Ethyl methacrylate	9.16	69	300399	50.181	ug/l	98
57) 1,3-Dichloropropane	9.35	76	305695	48.453	ug/l	99
59) 2-Hexanone	9.48	43	1232879	276.179	ug/l	98
60) Dibromochloromethane	9.57	129	196298	47.456	ug/l	98
61) 1,2-Dibromoethane	9.65	107	189626	48.176	ug/l	100
64) Tetrachloroethene	9.32	164	211712	39.218	ug/l	99
65) Chlorobenzene	10.12	112	467398	47.514	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	178365	47.500	ug/l	100
67) Ethyl Benzene	10.24	91	827514	47.248	ug/l	100
68) m/p-Xylenes	10.34	106	631111	97.187	ug/l	98
69) o-Xylene	10.68	106	300175	47.731	ug/l	99
70) Stvrene	10.70	104	526824	48.736	ug/l	99
71) Bromoform	10.84	173	156089	49.184	ug/l #	99
73) Isopropylbenzene	11.00	105	799653	47.681	ug/l	100
74) N-amyl acetate	10.88	43	385804	50.013	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	243932	58.036	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	352552	66.266	ug/l	83
77) Bromobenzene	11.24	156	206640	46.978	ug/l	99
78) n-propylbenzene	11.34	91	924043	49.317	ug/l	99
79) 2-Chlorotoluene	11.40	91	547951	47.911	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	671610	47.961	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	110381	51.035	ug/l	97
82) 4-Chlorotoluene	11.49	91	637249	47.184	ug/l	100
83) tert-Butylbenzene	11.76	119	610416	51.016	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	682506	48.193	ug/l	99
85) sec-Butylbenzene	11.93	105	753203	50.180	ug/l	100
86) p-Isopropyltoluene	12.05	119	706199	50.226	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	362063	47.511	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	367544	47.158	ug/l	99
89) n-Butylbenzene	12.37	91	607486	51.871	ug/l	99
90) Hexachloroethane	12.58	117	122932	50.618	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	354206	47.975	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	72470	53.231	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	249796	50.943	ug/l	100

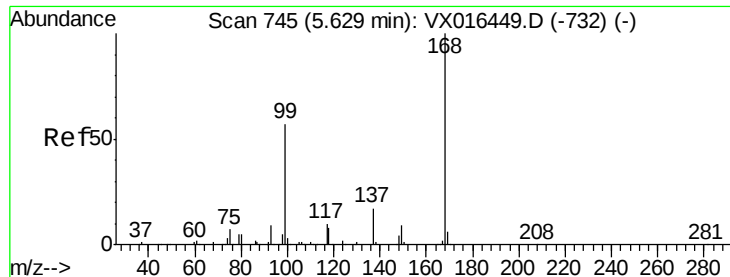
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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	101602	52.774	ug/l	98
95) Naphthalene	13.82	128	858494	51.071	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	247274	51.474	ug/l	97

(#) = 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: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

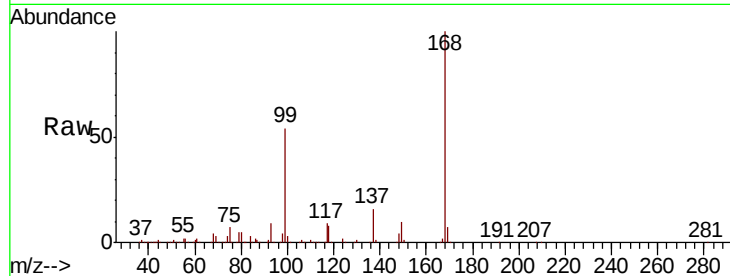
SS050MW641-200528MS

Tot Ion:168 Resp: 324085

Ion Ratio Lower Upper

168 100

99 53.8 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

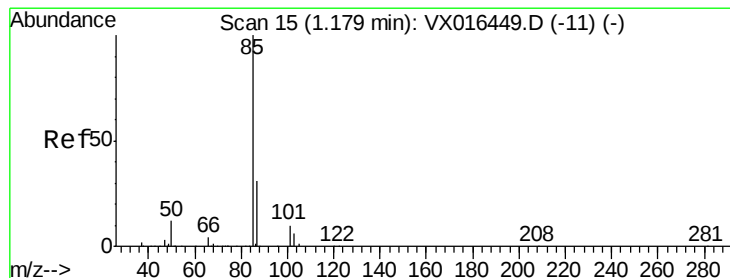
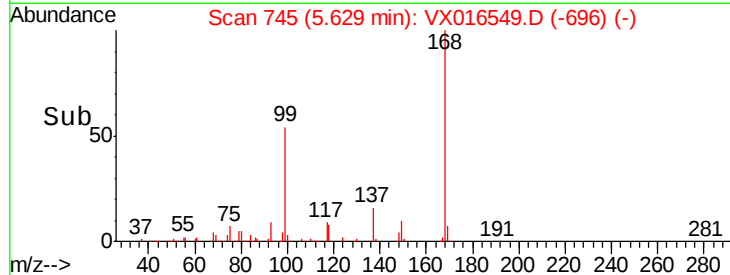
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.554 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016549.D

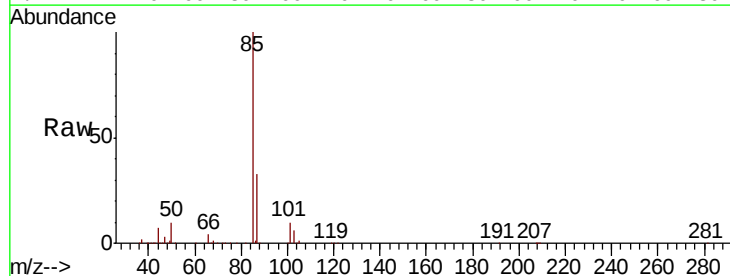
Acq: 02 Jun 2020 12:18

Tgt Ion: 85 Resp: 148477

Ion Ratio Lower Upper

85 100

87 33.4 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

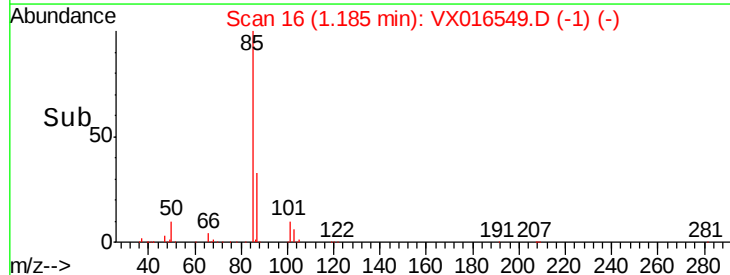
100000

50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 45.106 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

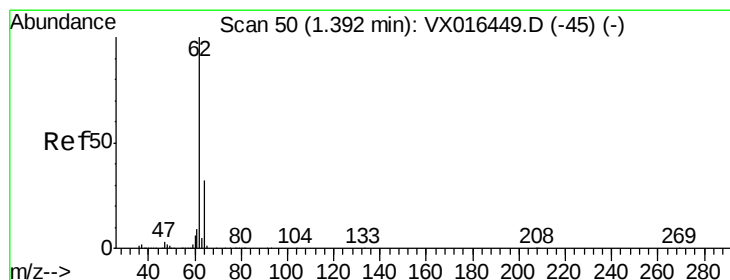
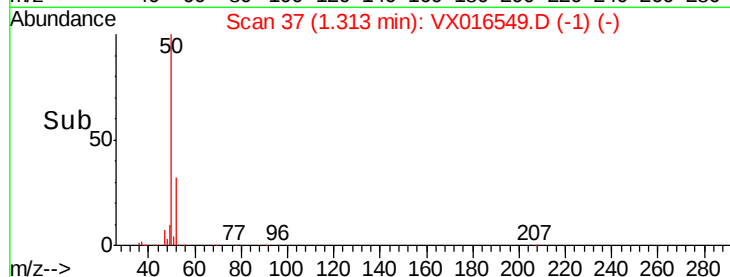
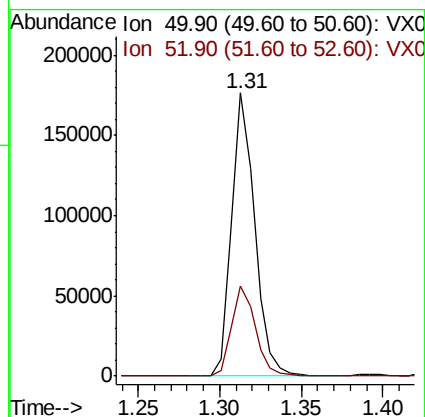
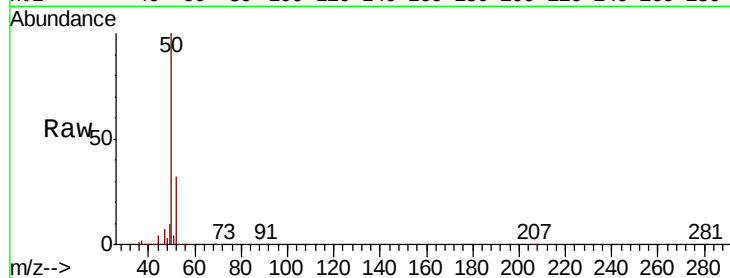
SS050MW641-200528MS

Tot Ion: 50 Resp: 173847

Ion Ratio Lower Upper

50 100

52 31.7 26.2 39.2



#4

Vinyl Chloride

Concen: 48.420 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016549.D

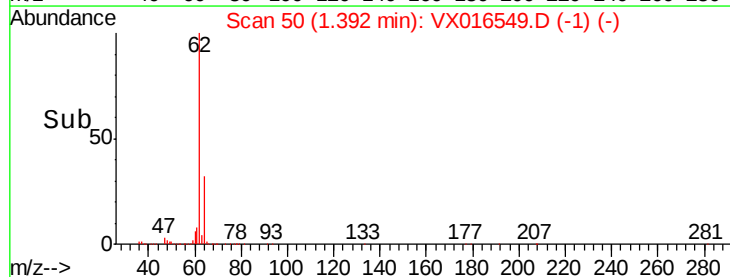
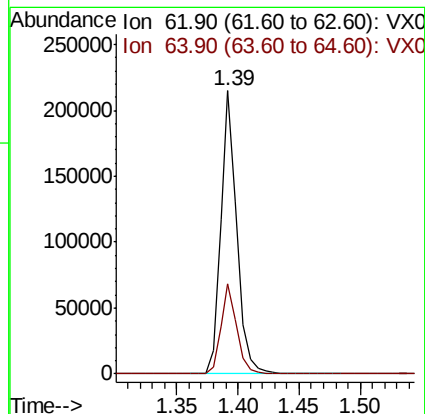
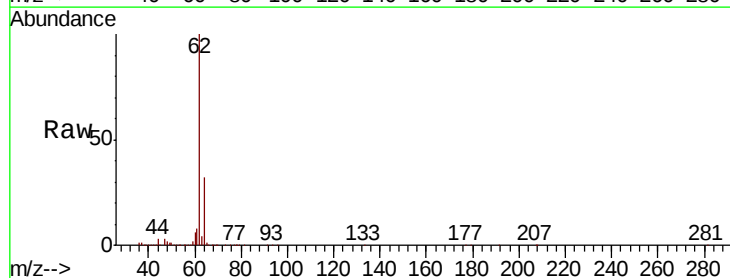
Acq: 02 Jun 2020 12:18

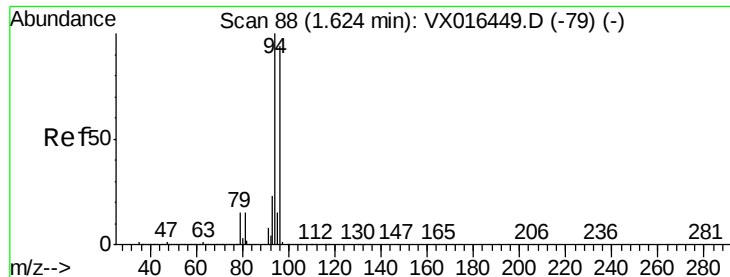
Tgt Ion: 62 Resp: 197358

Ion Ratio Lower Upper

62 100

64 31.9 25.9 38.9





#5

Bromomethane

Concen: 41.425 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

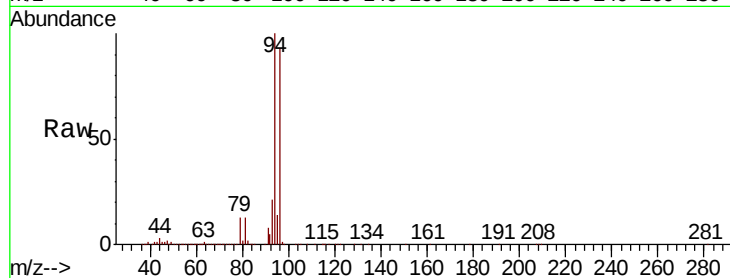
SS050MW641-200528MS

Tot Ion: 94 Resp: 82096

Ion Ratio Lower Upper

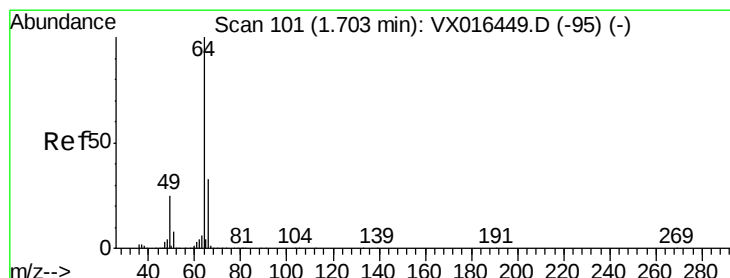
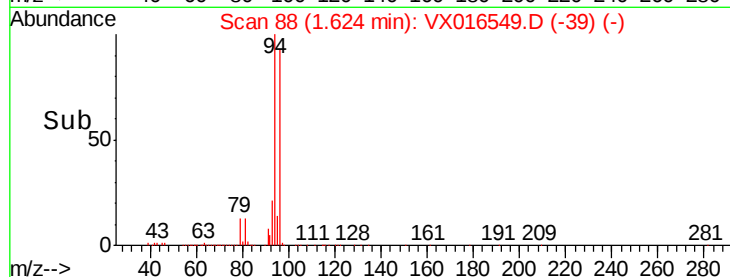
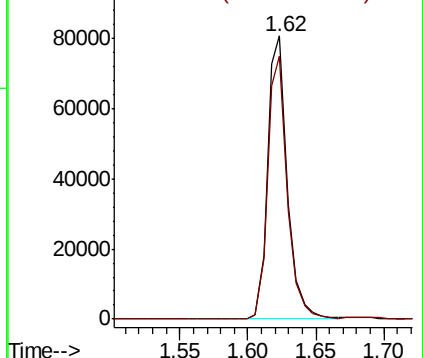
94 100

96 92.9 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: 49.888 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016549.D

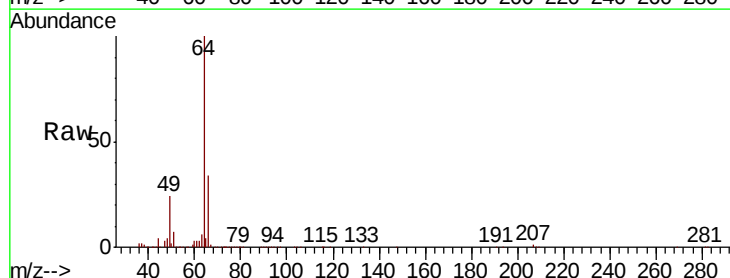
Acq: 02 Jun 2020 12:18

Tgt Ion: 64 Resp: 118615

Ion Ratio Lower Upper

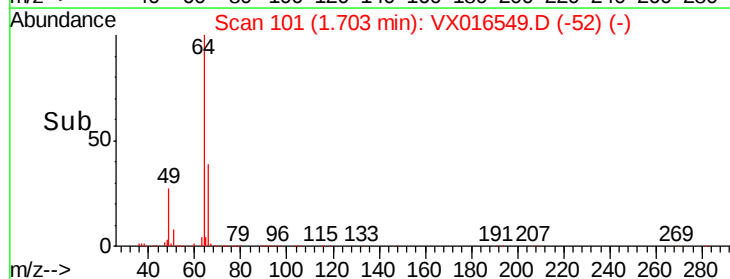
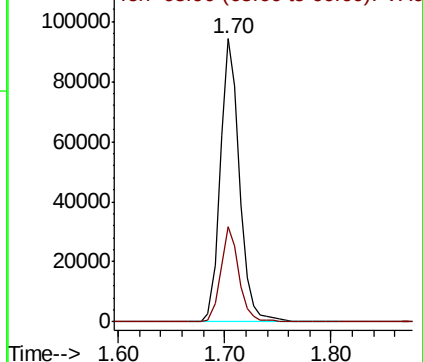
64 100

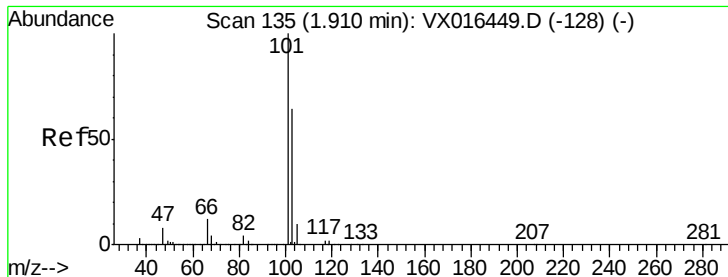
66 33.6 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



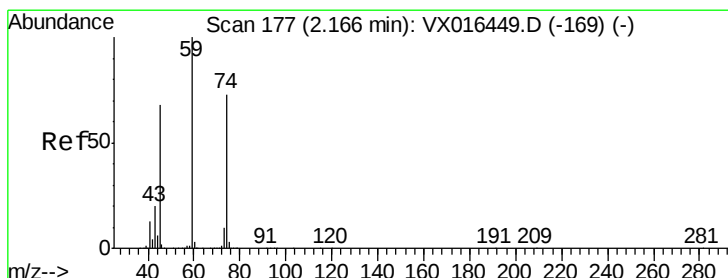
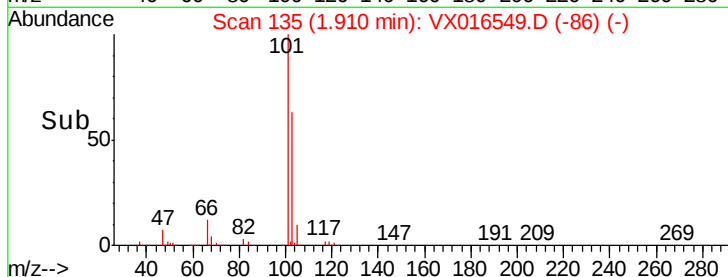
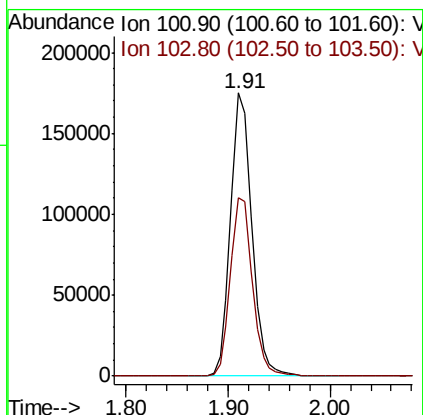
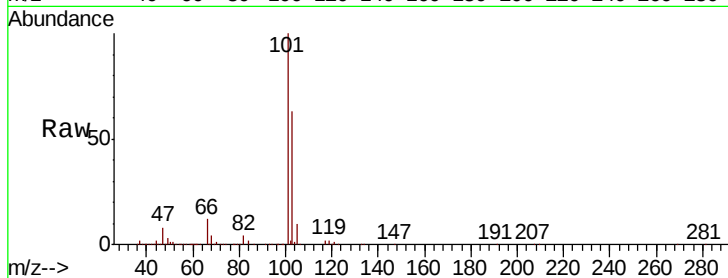


#7

Trichlorofluoromethane
 Concen: 47.142 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

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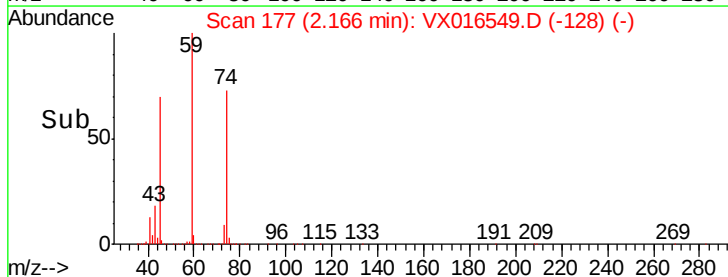
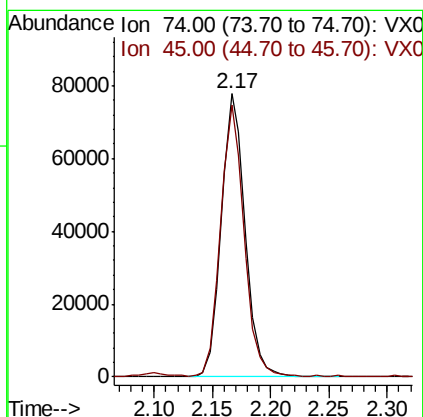
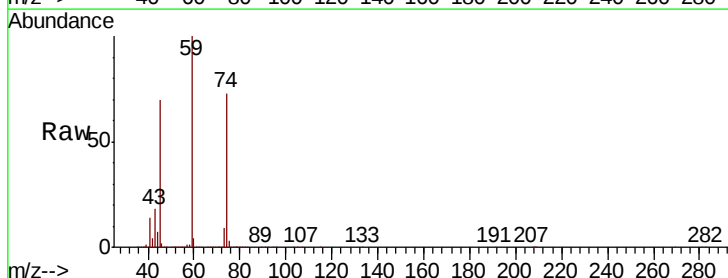
Tot Ion:101 Resp: 252344
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.9 76.3

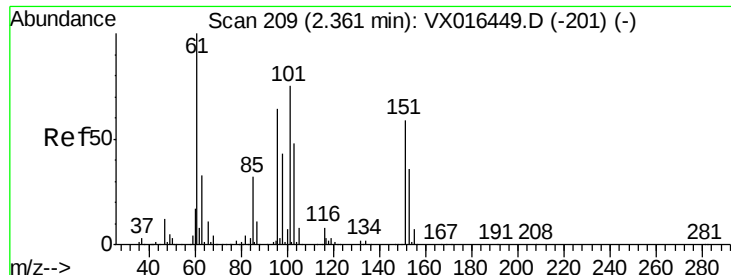


#8

Diethyl Ether
 Concen: 48.931 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Tgt Ion: 74 Resp: 109215
 Ion Ratio Lower Upper
 74 100
 45 94.3 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.964 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

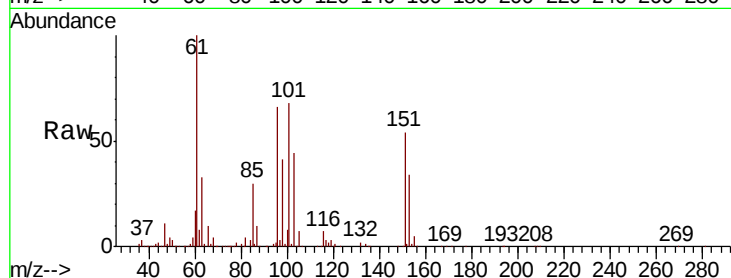
Tot Ion:101 Resp: 144251

Ion Ratio Lower Upper

101 100

85 42.9 34.4 51.6

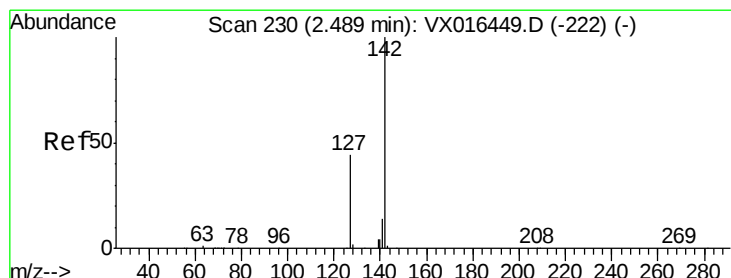
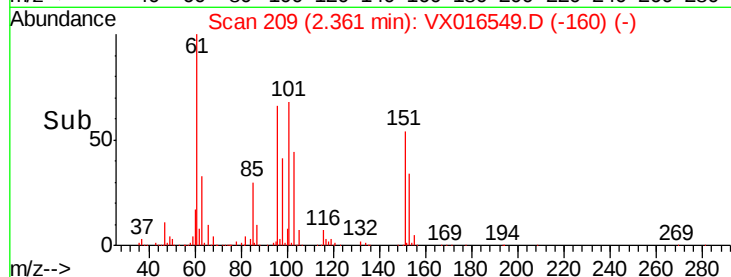
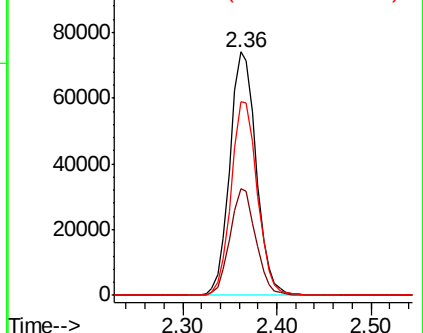
151 79.3 63.8 95.6



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: 41.978 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

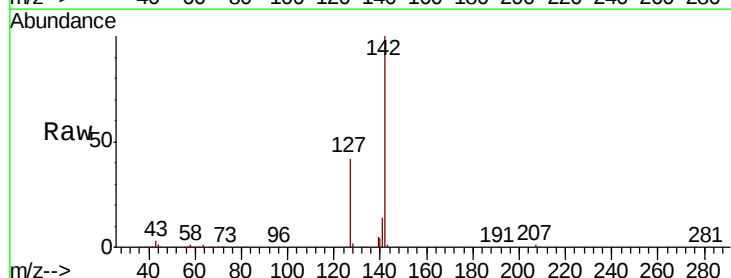
Tgt Ion:142 Resp: 145912

Ion Ratio Lower Upper

142 100

127 43.1 35.3 52.9

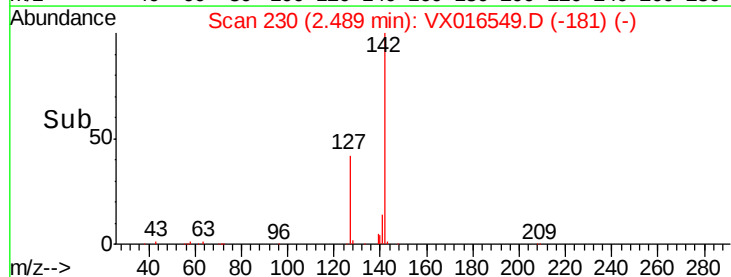
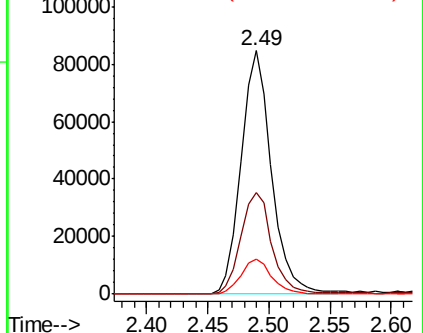
141 14.8 11.4 17.2

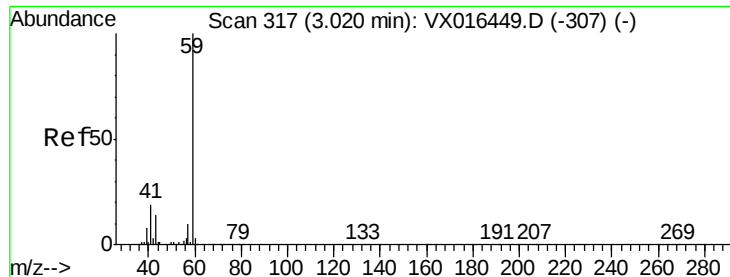


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



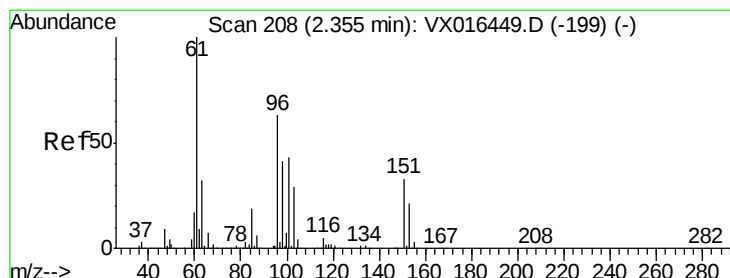
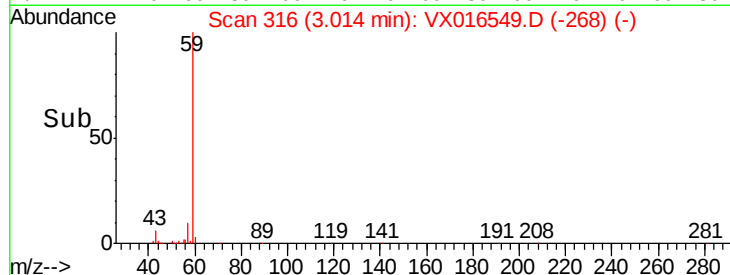
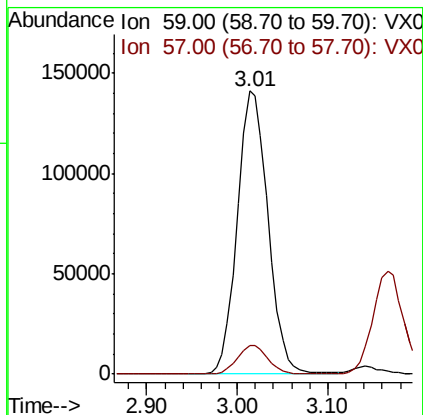
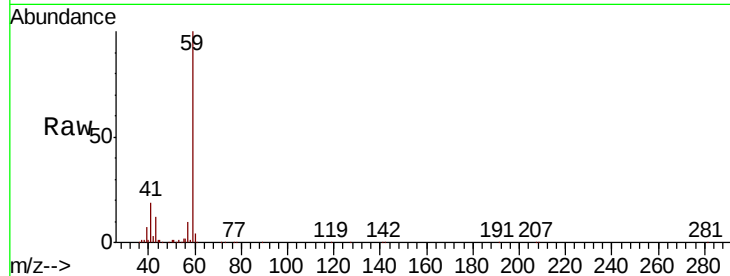


#11

Tert butyl alcohol
 Concen: 321.269 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MS

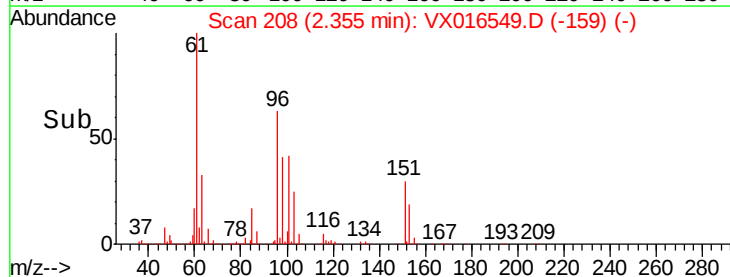
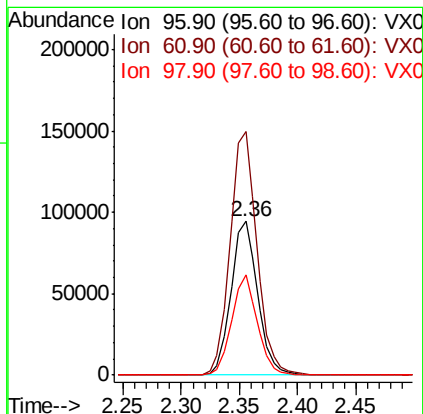
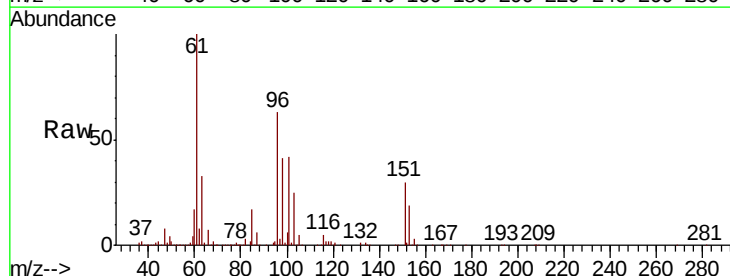
Tot Ion: 59 Resp: 331569
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

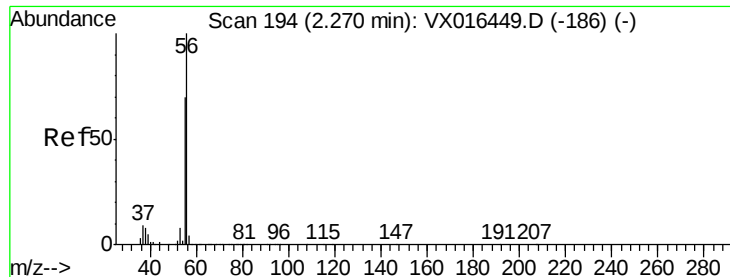


#12

1,1-Dichloroethene
 Concen: 48.157 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Tgt Ion: 96 Resp: 150171
 Ion Ratio Lower Upper
 96 100
 61 158.6 126.6 189.8
 98 65.7 51.3 76.9





#13

Acrolein

Concen: 319.156 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

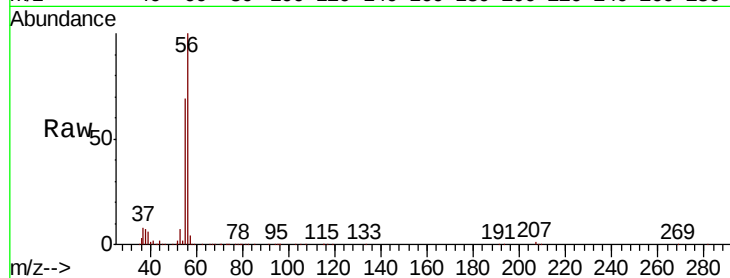
SS050MW641-200528MS

Tot Ion: 56 Resp: 140118

Ion Ratio Lower Upper

56 100

55 70.0 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

100000

80000

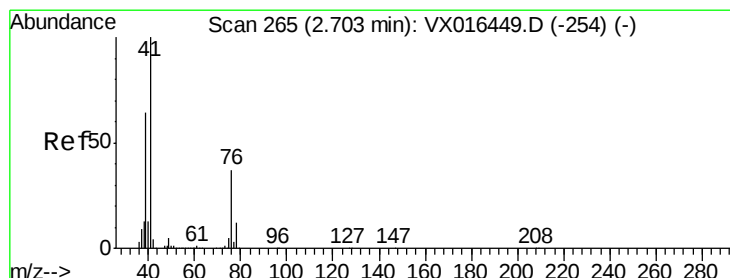
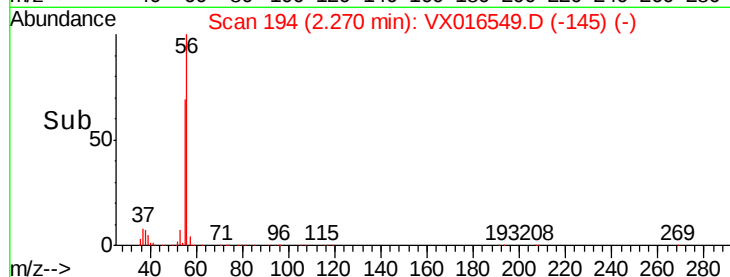
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 51.454 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

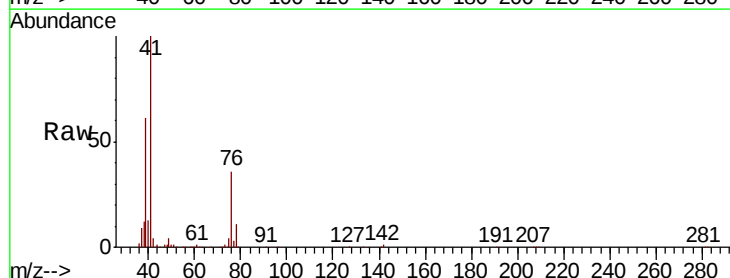
Tgt Ion: 41 Resp: 295084

Ion Ratio Lower Upper

41 100

39 56.4 47.7 71.5

76 32.2 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.70

200000

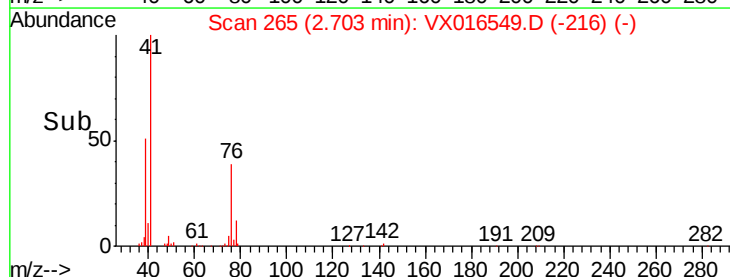
150000

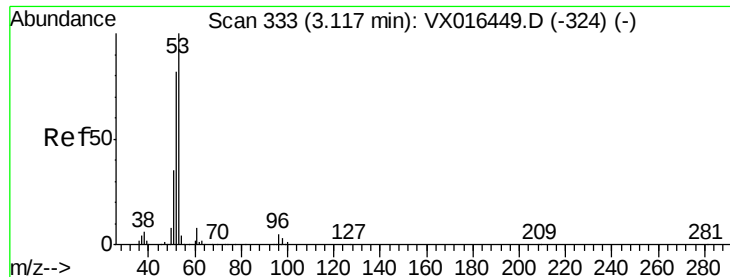
100000

50000

0

Time-->

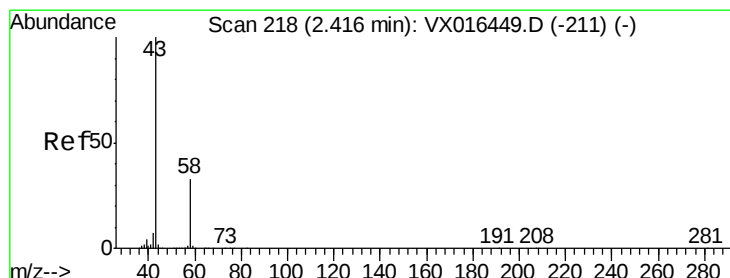
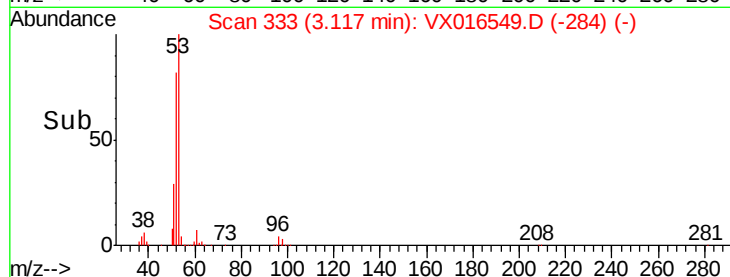
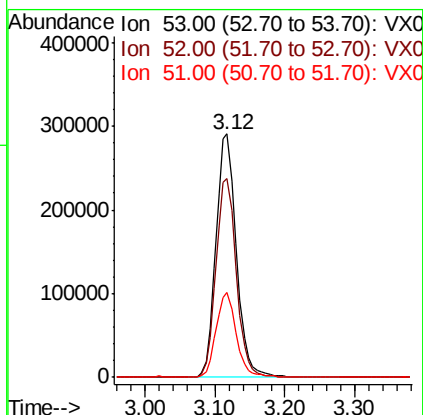
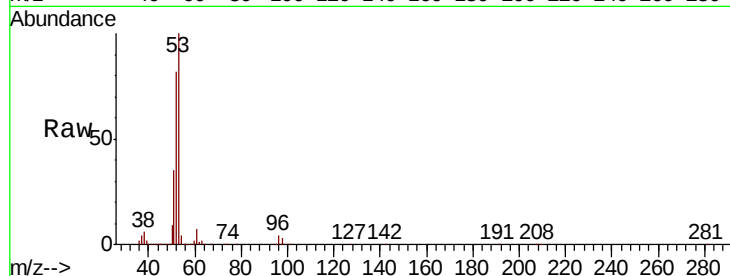




#15
 Acrylonitrile
 Concen: 278.974 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

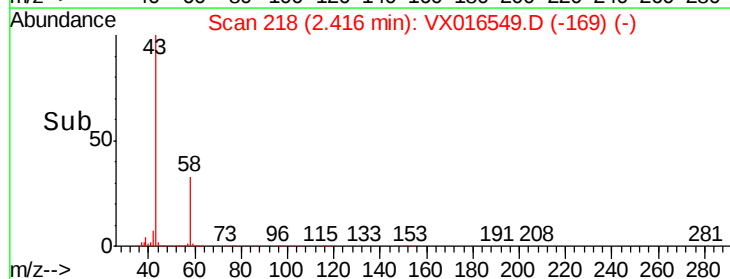
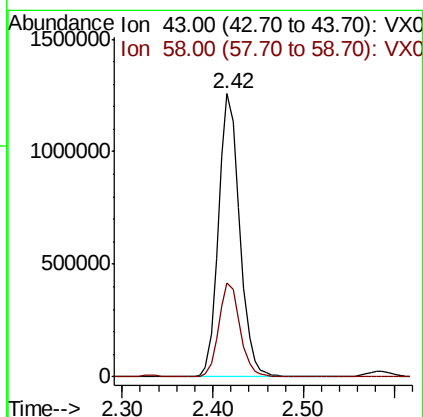
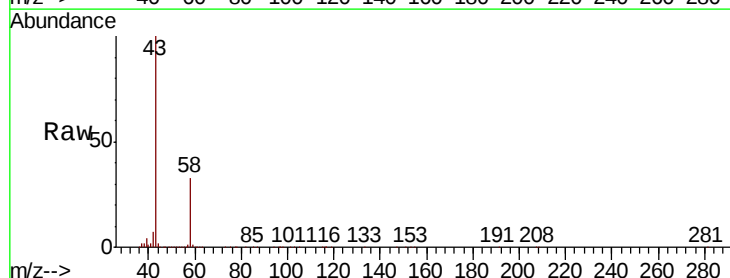
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MS

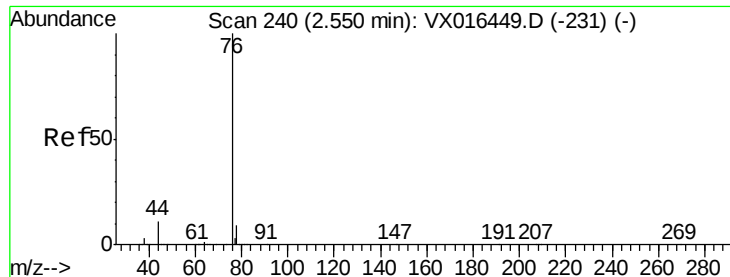
Tot Ion	53	Resp	589783
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.7	100.1
51	34.5	28.6	43.0



#16
 Acetone
 Concen: 1160.503 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Tgt Ion	43	Resp	2046338
Ion	Ratio	Lower	Upper
43	100		
58	33.4	26.1	39.1

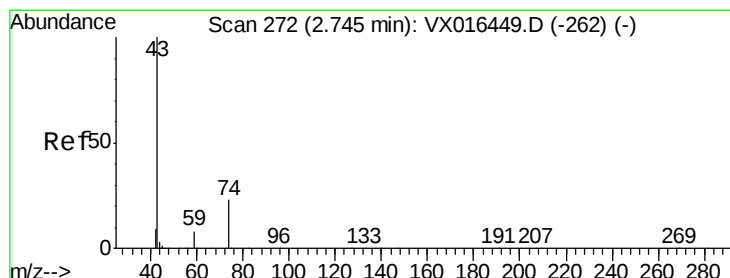
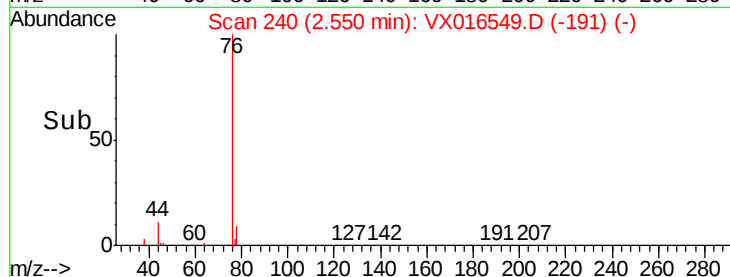
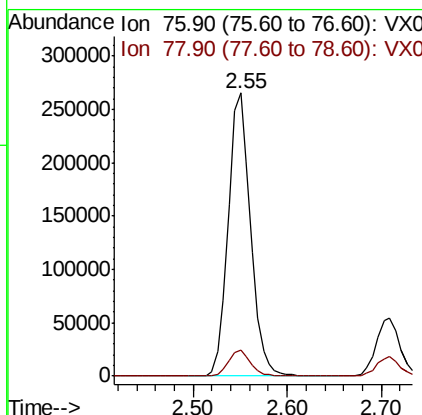
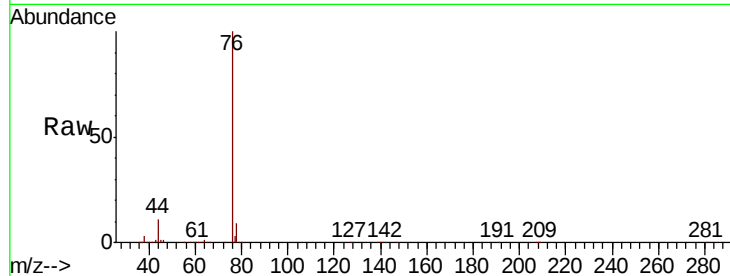




#17
Carbon Disulfide
Concen: 47.154 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

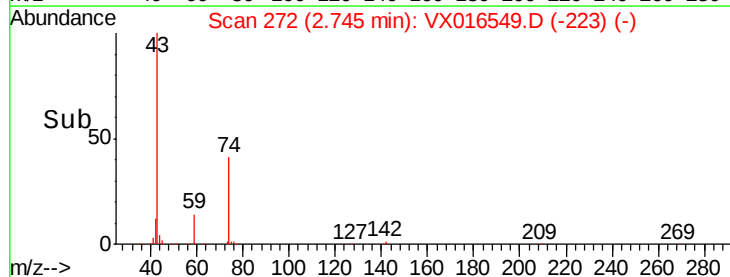
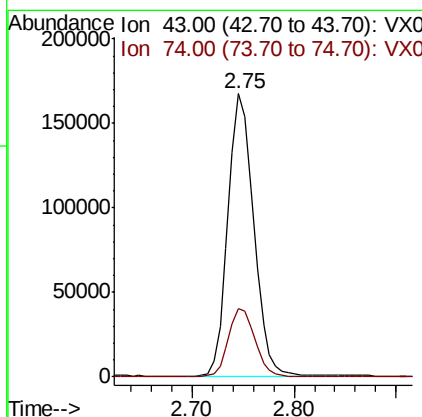
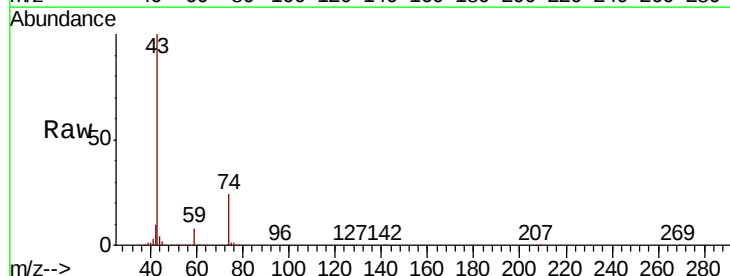
Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

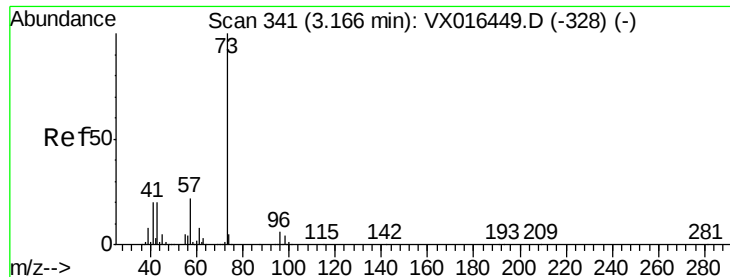
Tot Ion: 76 Resp: 436665
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 64.760 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion: 43 Resp: 292883
Ion Ratio Lower Upper
43 100
74 25.2 19.7 29.5



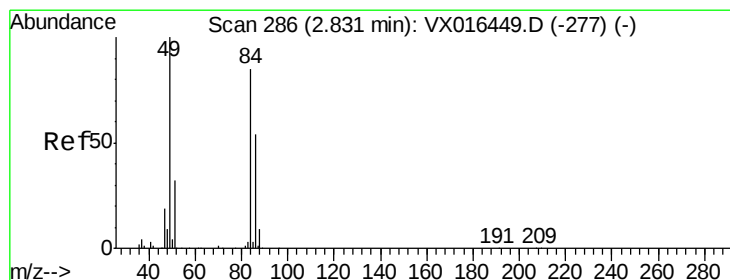
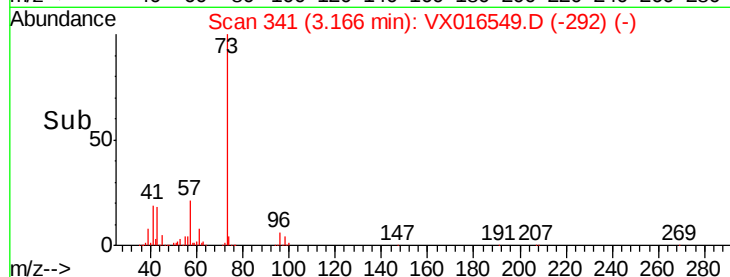
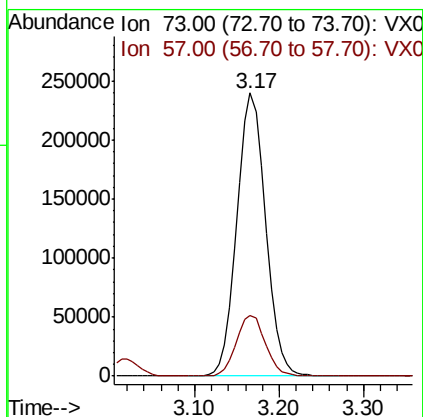
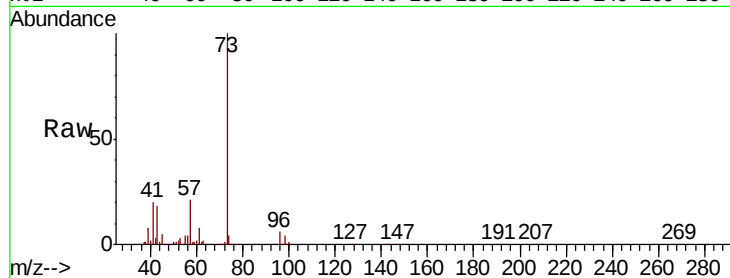


#19

Methyl tert-butyl Ether
 Concen: 49.040 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MS

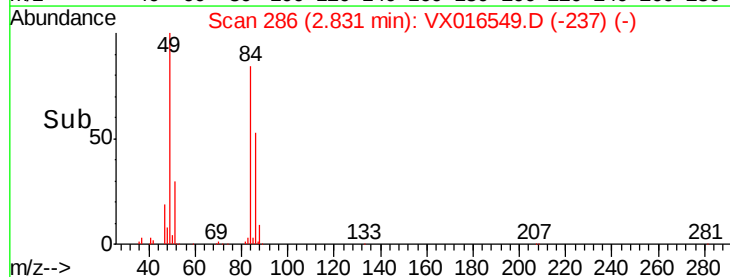
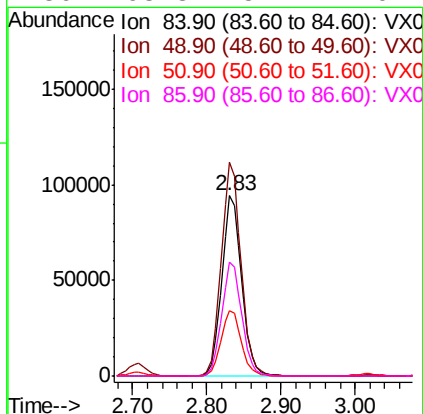
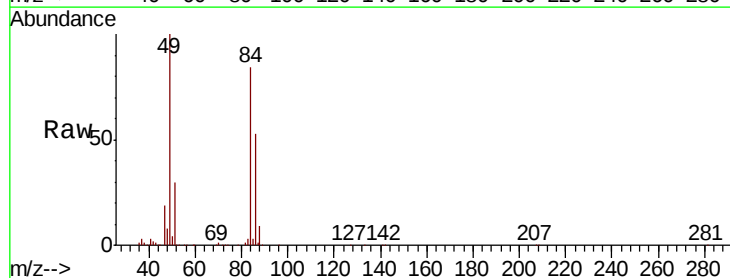
Tot Ion: 73 Resp: 549144
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.8 26.6



#20

Methylene Chloride
 Concen: 47.604 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Tgt Ion: 84 Resp: 173670
 Ion Ratio Lower Upper
 84 100
 49 118.7 94.5 141.7
 51 36.1 30.2 45.4
 86 63.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.263 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

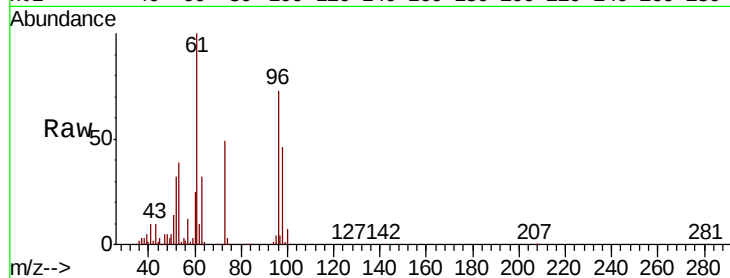
Tot Ion: 96 Resp: 166475

Ion Ratio Lower Upper

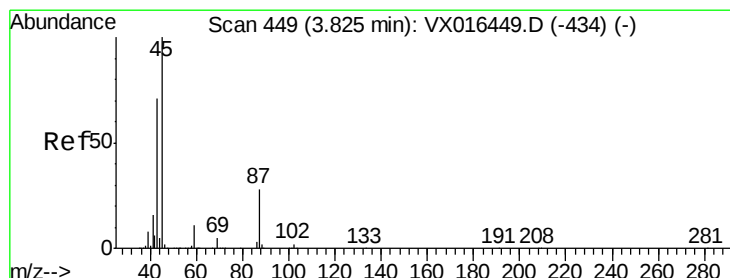
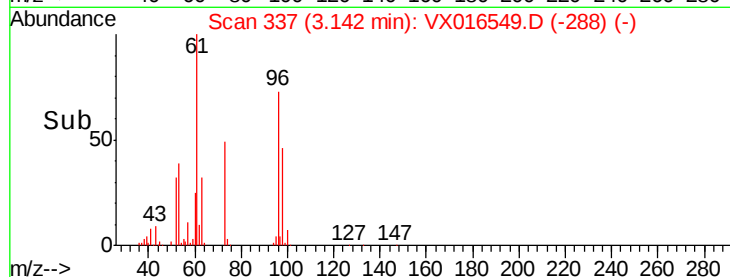
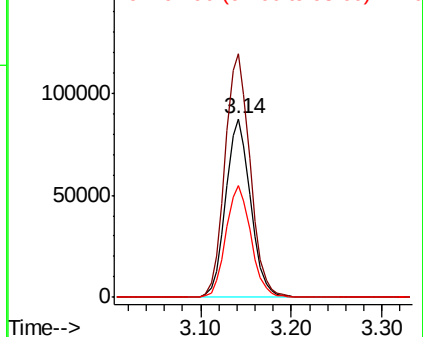
96 100

61 136.5 115.3 172.9

98 62.5 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: 48.249 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Tgt Ion: 45 Resp: 531554

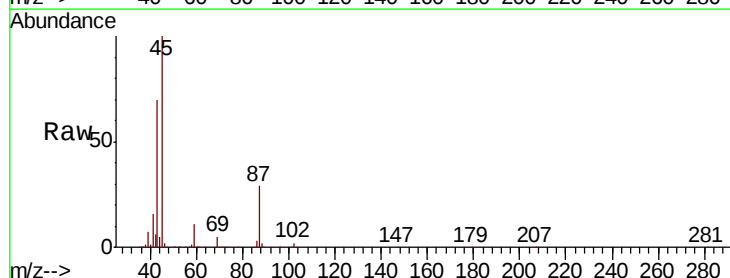
Ion Ratio Lower Upper

45 100

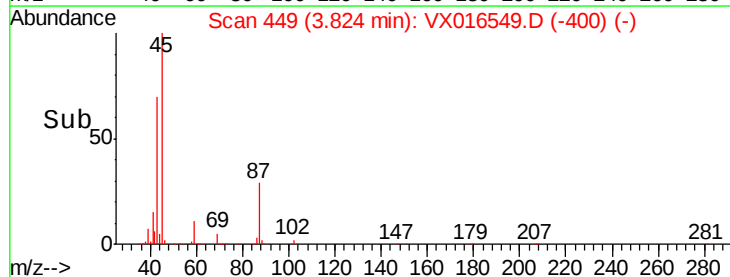
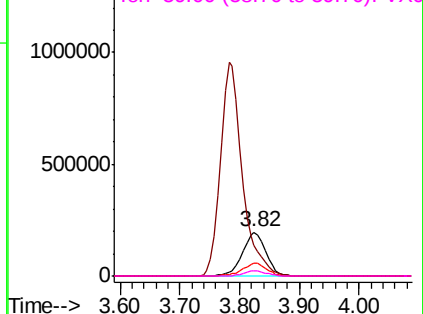
43 69.6 57.0 85.6

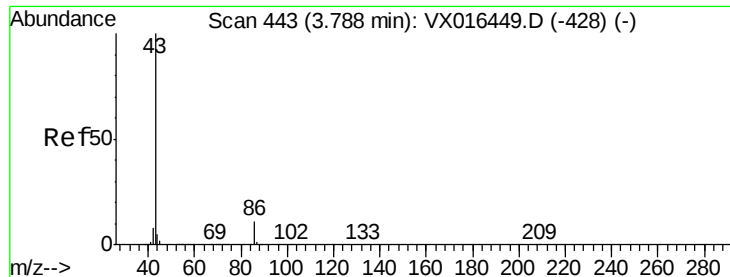
87 29.3 22.5 33.7

59 11.4 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: 252.890 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

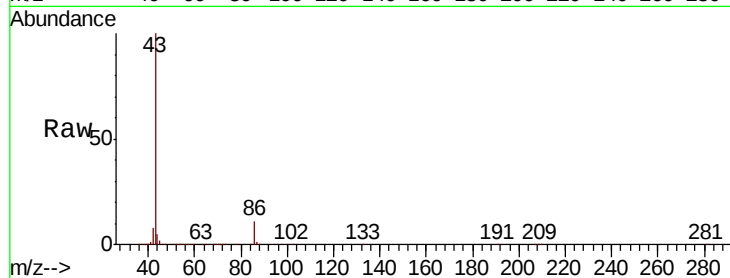
SS050MW641-200528MS

Tot Ion: 43 Resp: 2438662

Ion Ratio Lower Upper

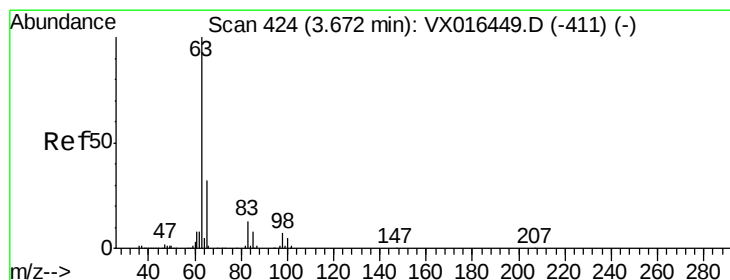
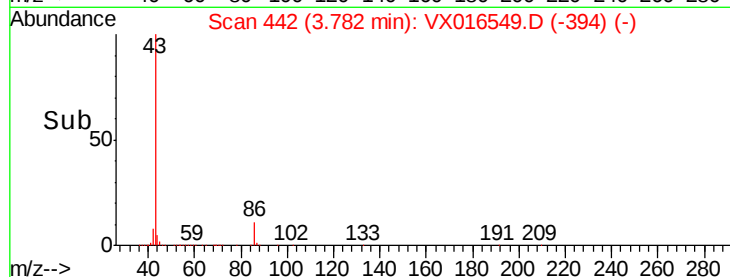
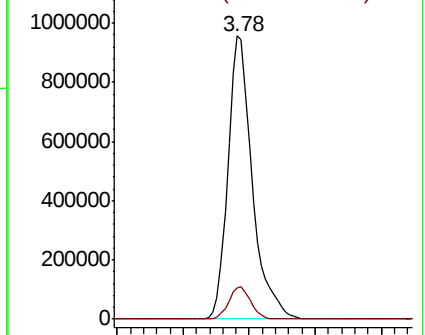
43 100

86 11.2 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.687 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

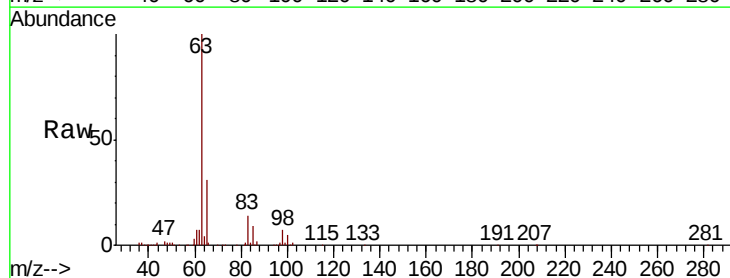
Tgt Ion: 63 Resp: 302744

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

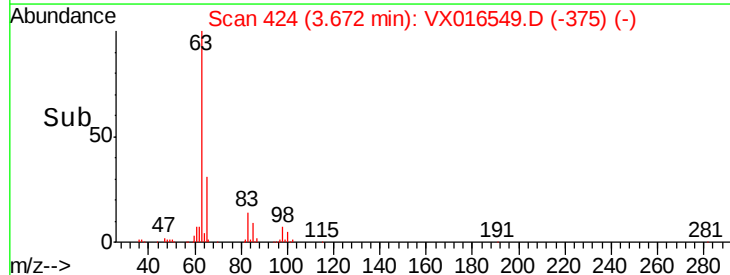
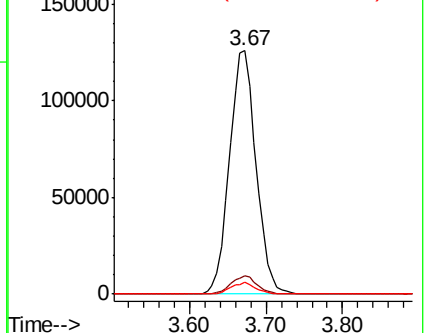
100 4.9 2.4 7.1

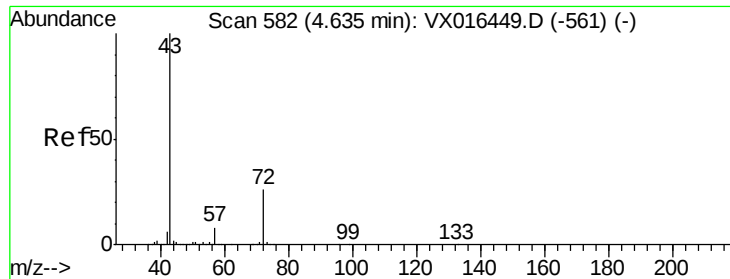


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

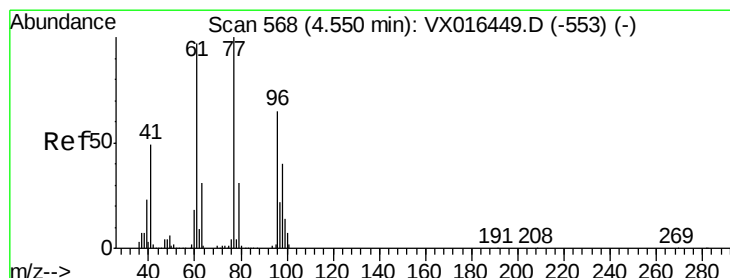
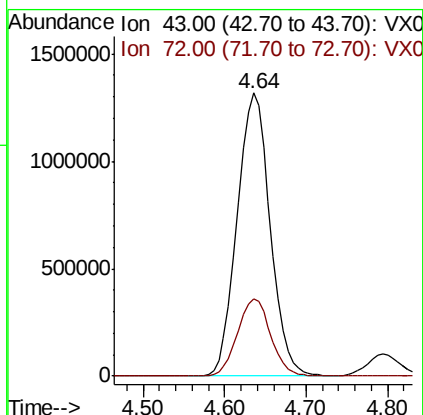
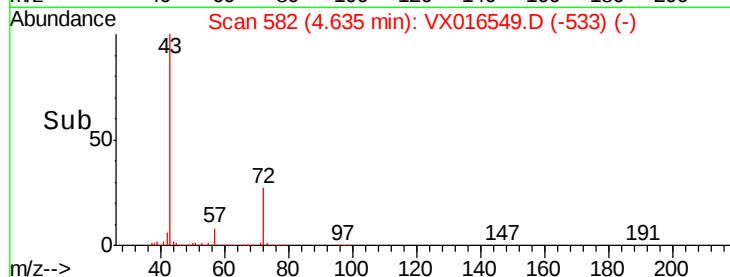
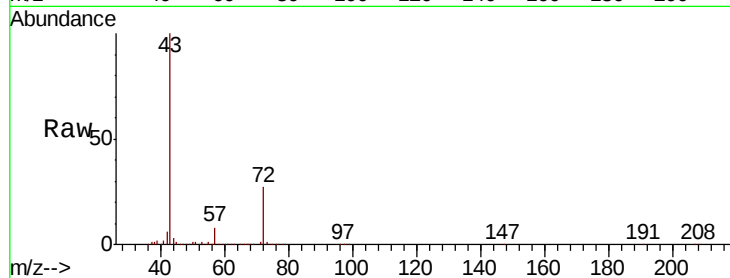




#25
2-Butanone
Concen: 1237.323 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

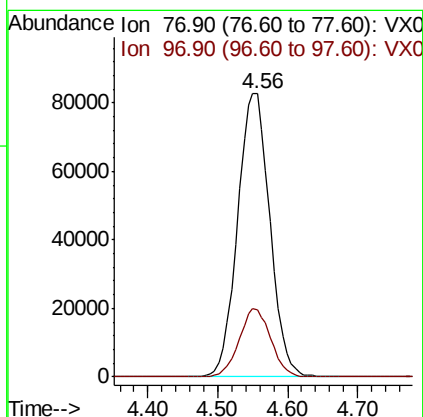
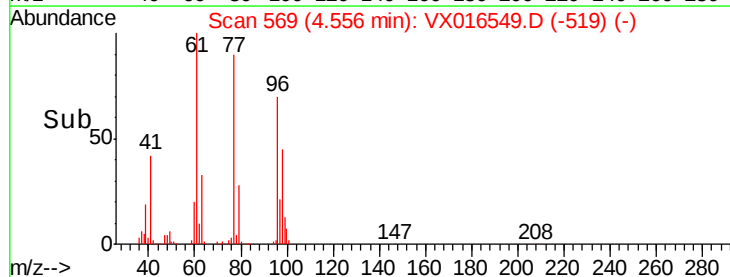
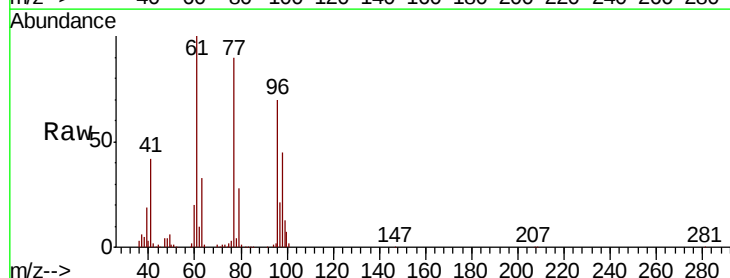
Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

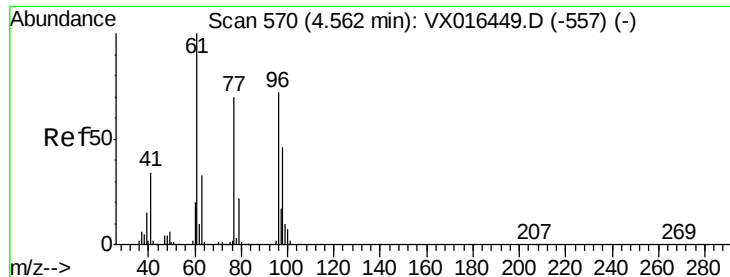
Tot Ion: 43 Resp: 3696968
Ion Ratio Lower Upper
43 100
72 27.4 21.0 31.6



#26
2,2-Dichloropropane
Concen: 52.017 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion: 77 Resp: 264672
Ion Ratio Lower Upper
77 100
97 23.7 11.5 34.4



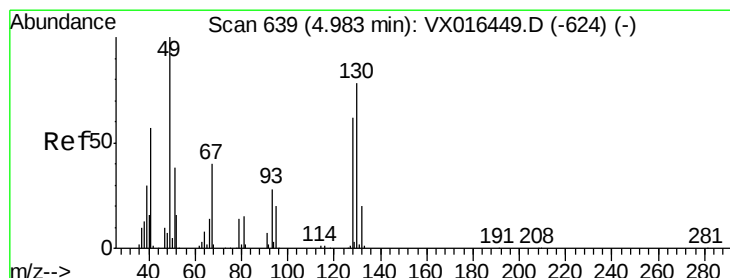
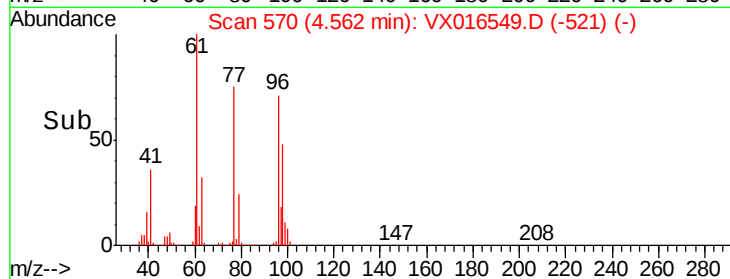
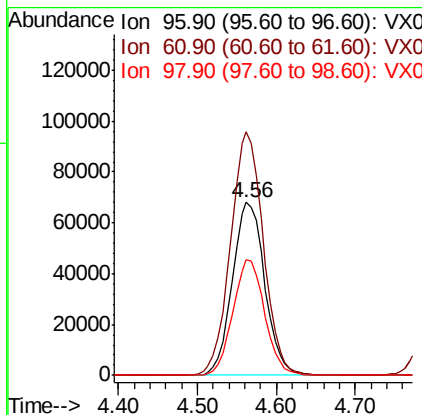
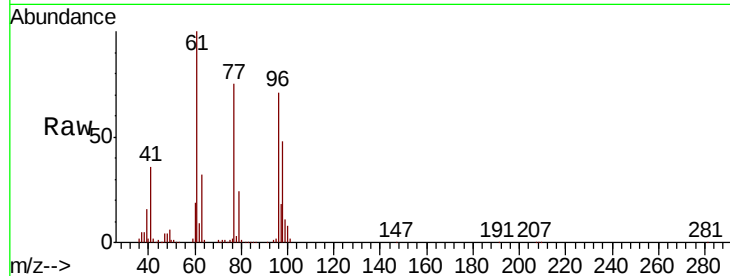


#27

cis-1,2-Dichloroethene
Concen: 48.865 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

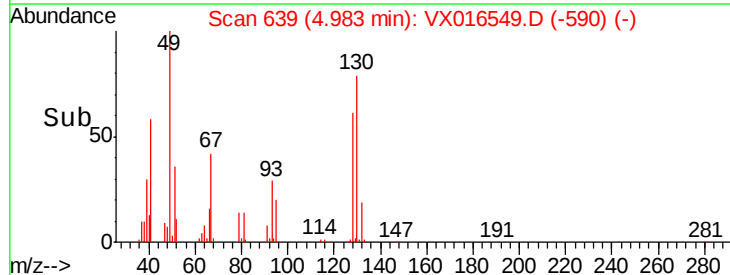
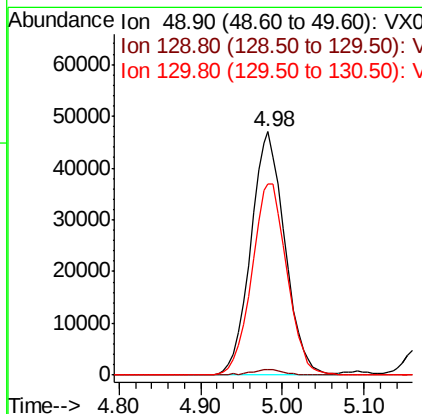
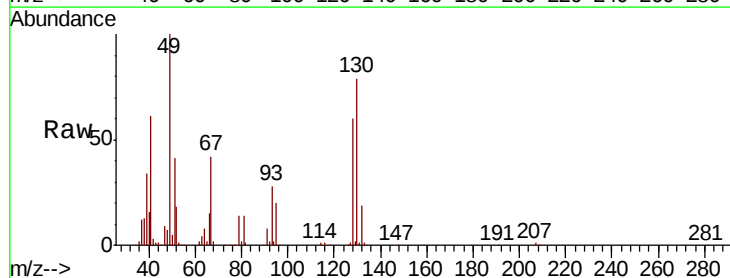
Tot Ion	96	Resp	194989
Ion Ratio	Lower	Upper	
96	100		
61	142.0	0.0	284.6
98	65.4	0.0	127.2



#28

Bromochloromethane
Concen: 47.398 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion	49	Resp	136959
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.0
130	80.9	63.0	94.4





#29

Tetrahydrofuran

Concen: 290.080 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

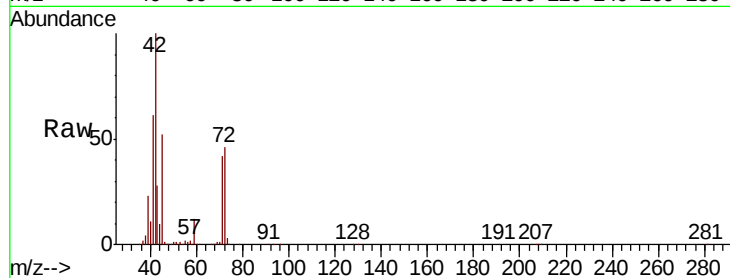
Tot Ion: 42 Resp: 559944

Ion Ratio Lower Upper

42 100

72 46.4 37.0 55.4

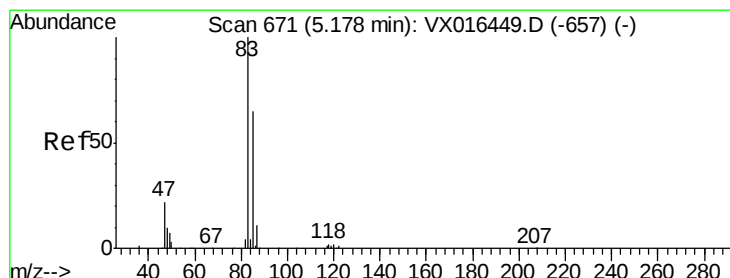
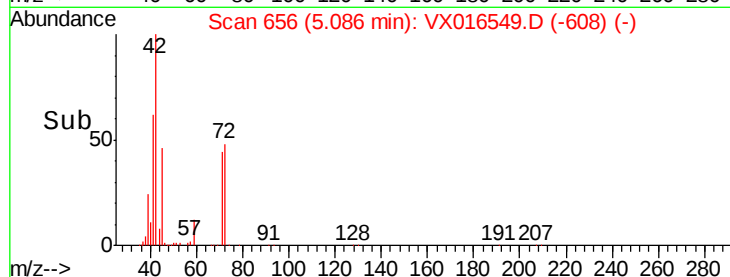
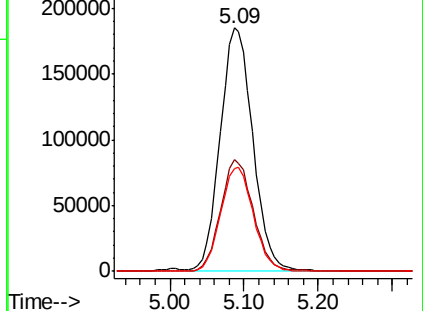
71 43.1 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.375 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

Lab File: VX016549.D

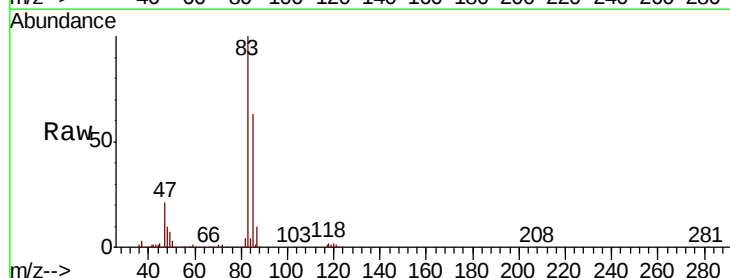
Acq: 02 Jun 2020 12:18

Tgt Ion: 83 Resp: 296824

Ion Ratio Lower Upper

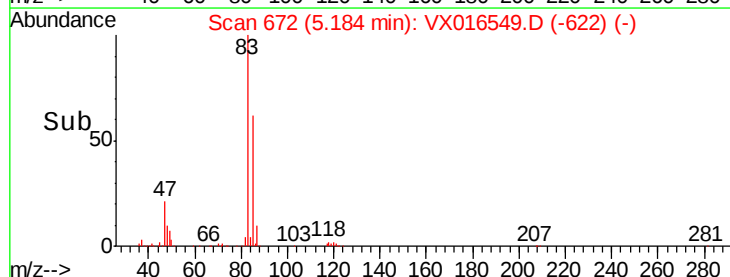
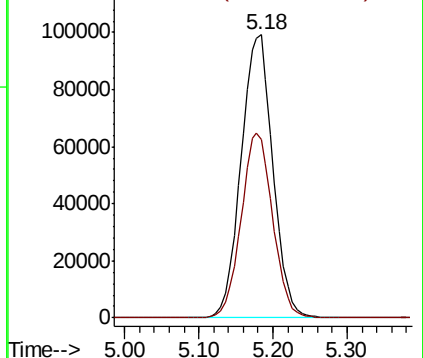
83 100

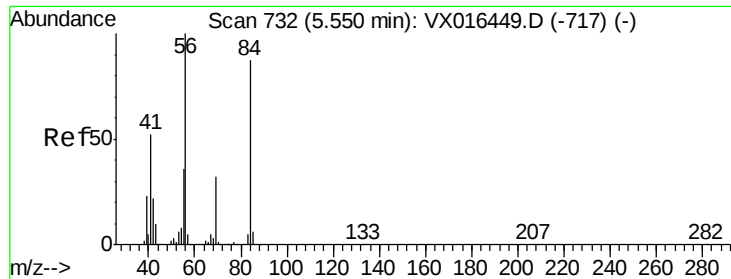
85 63.2 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

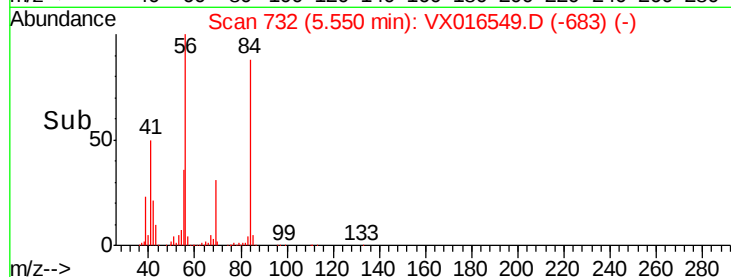
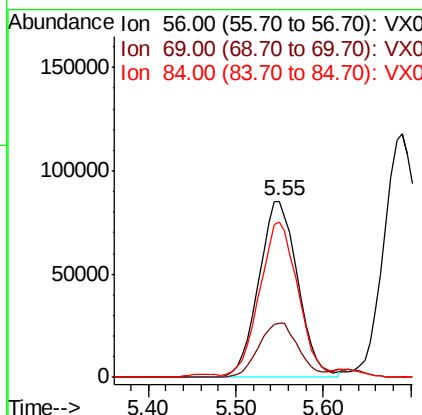
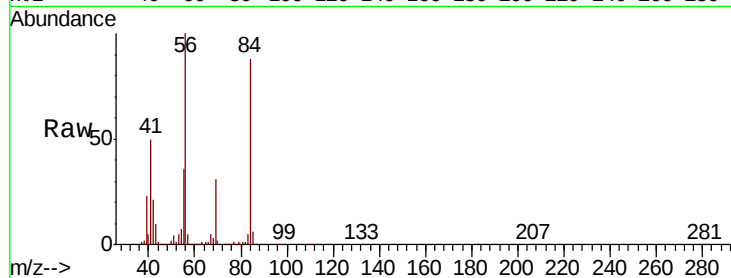




#31
Cyclohexane
Concen: 47.026 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

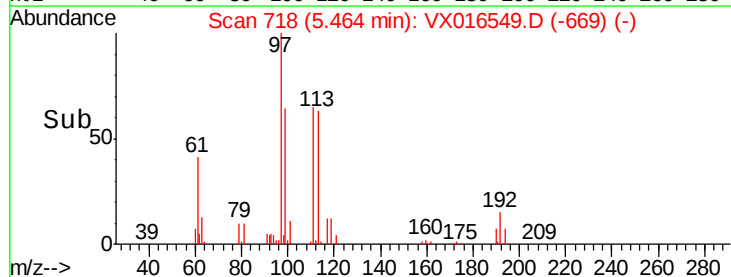
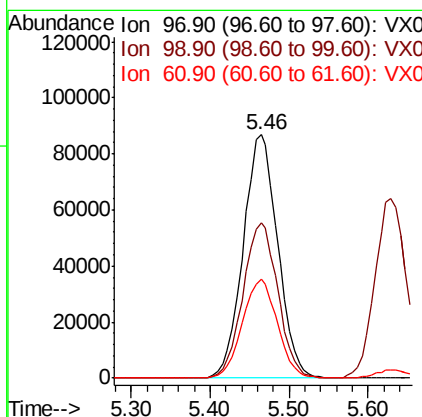
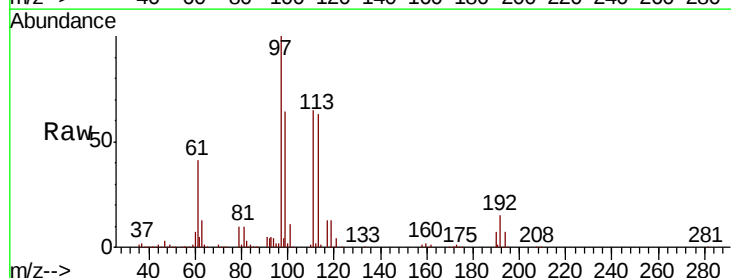
Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

Tot Ion: 56 Resp: 263067
Ion Ratio Lower Upper
56 100
69 31.1 25.7 38.5
84 87.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 46.642 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion: 97 Resp: 264567
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.2
61 41.3 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 48.556 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

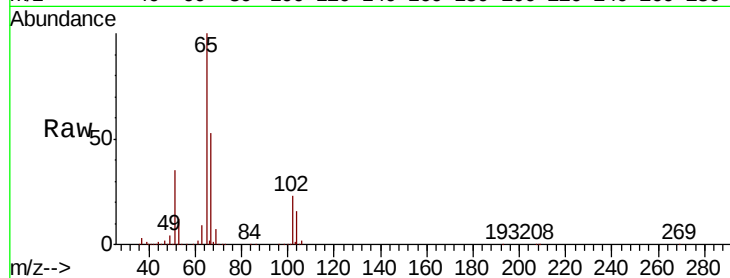
SS050MW641-200528MS

Tot Ion: 65 Resp: 195424

Ion Ratio Lower Upper

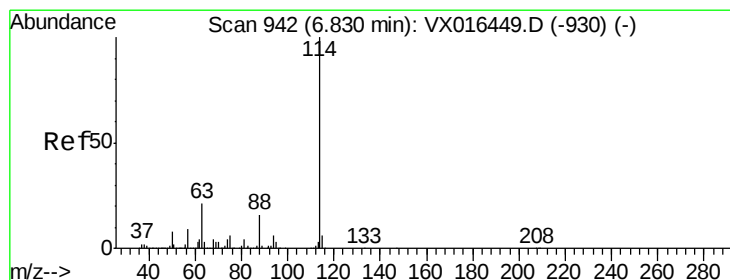
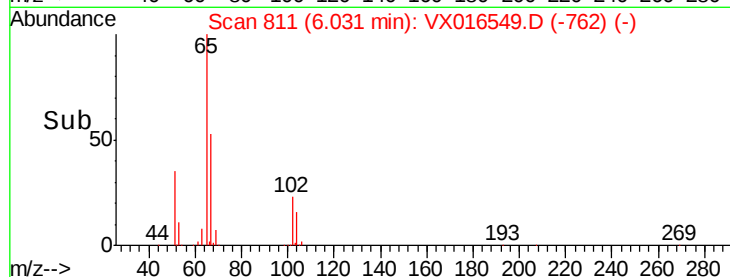
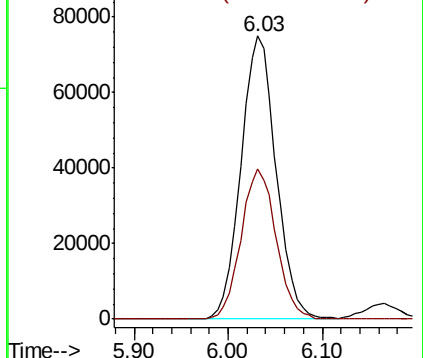
65 100

67 53.3 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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

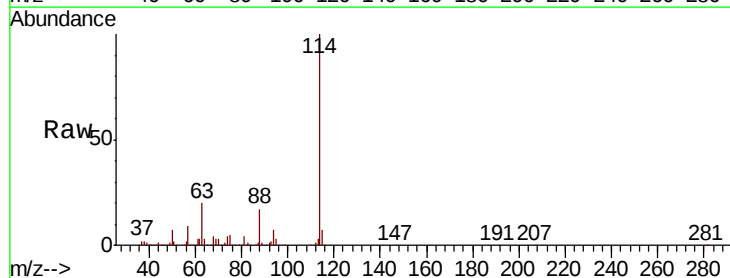
Tgt Ion: 114 Resp: 519948

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

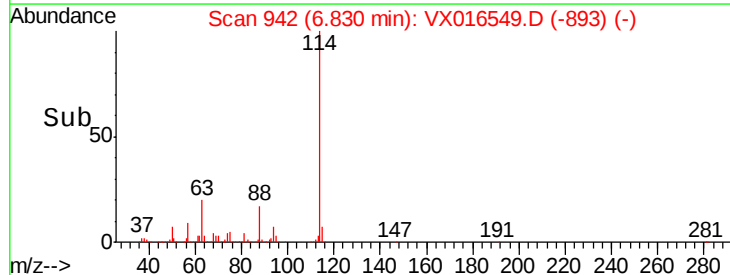
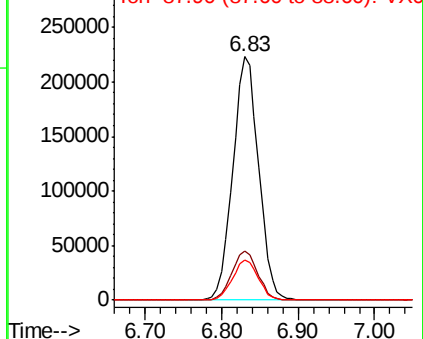
88 16.6 0.0 32.8

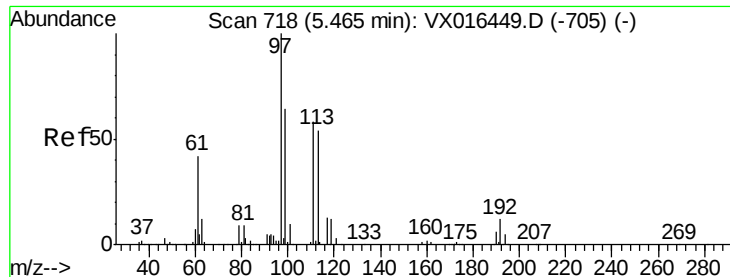


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.201 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

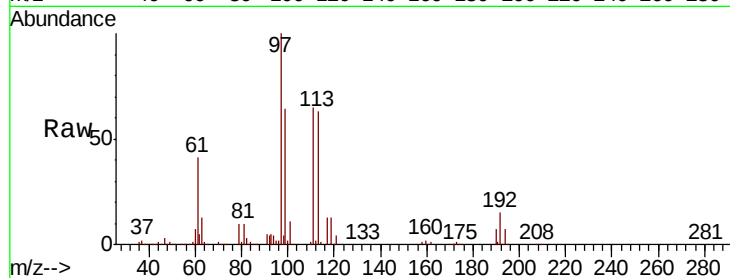
Tot Ion:113 Resp: 157519

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.6

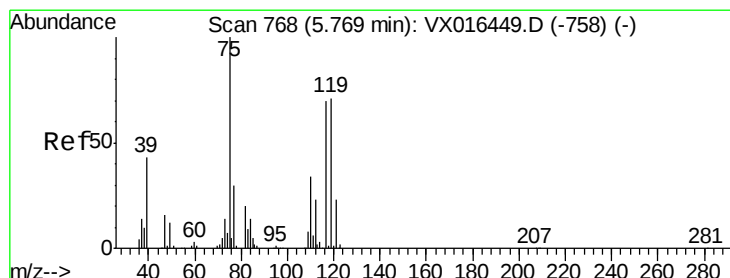
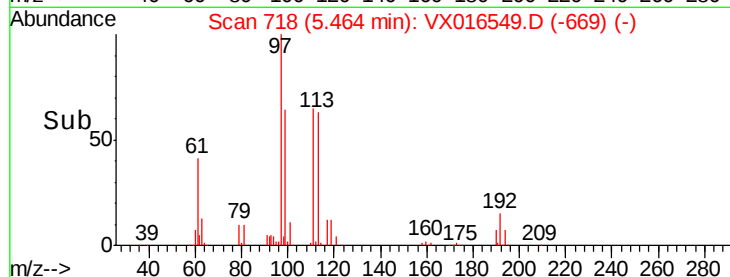
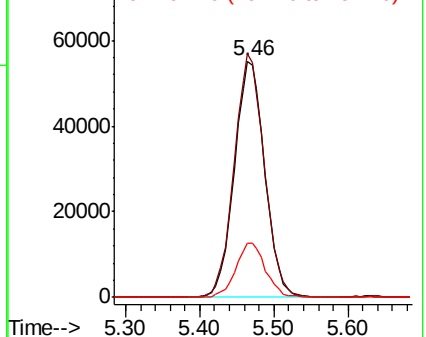
192 22.6 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.479 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

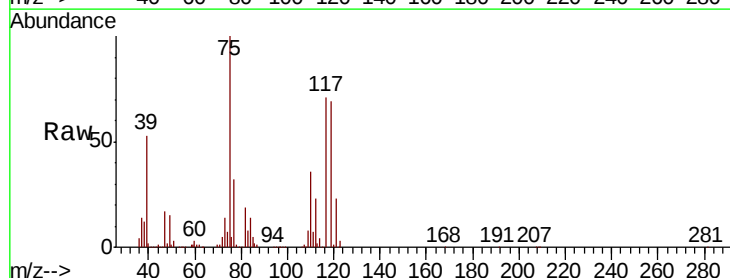
Tgt Ion: 75 Resp: 228814

Ion Ratio Lower Upper

75 100

110 35.6 17.4 52.3

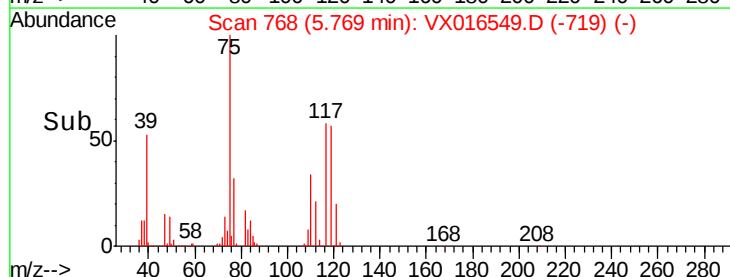
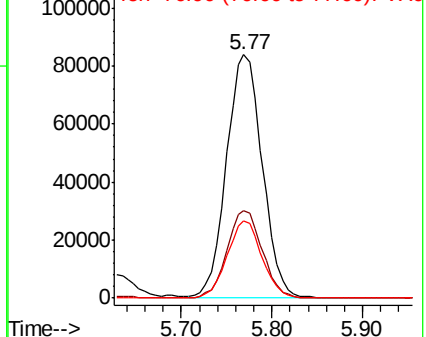
77 31.1 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

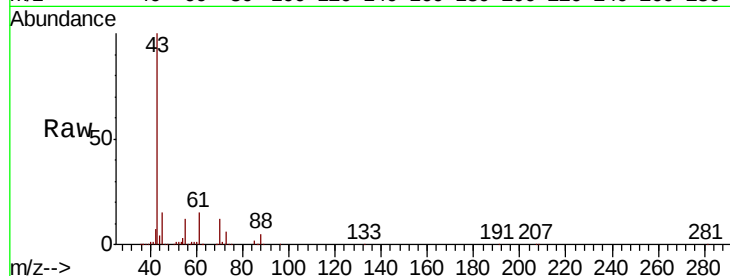




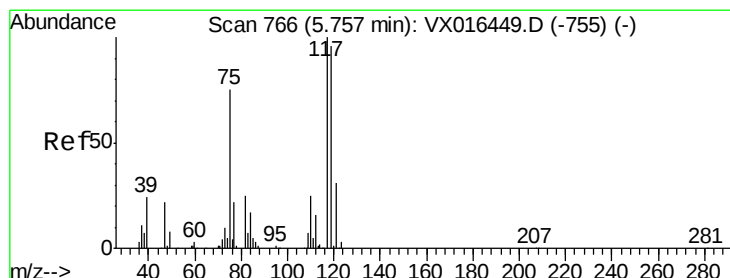
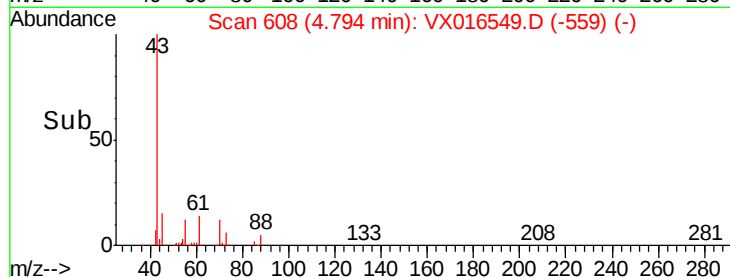
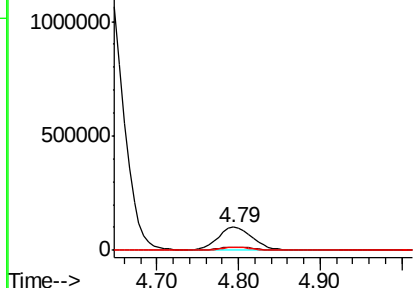
#37
Ethyl Acetate
Concen: 50.463 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

Tot Ion: 43 Resp: 298255
Ion Ratio Lower Upper
43 100
61 14.6 11.3 16.9
70 12.0 9.3 13.9

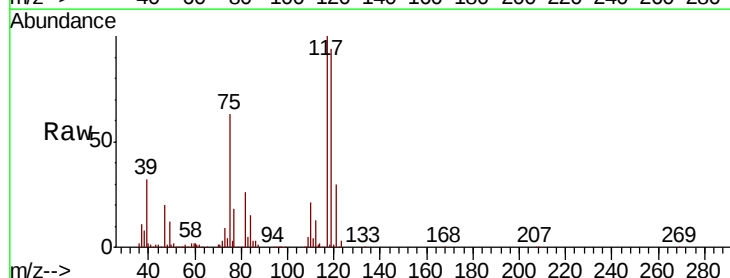


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

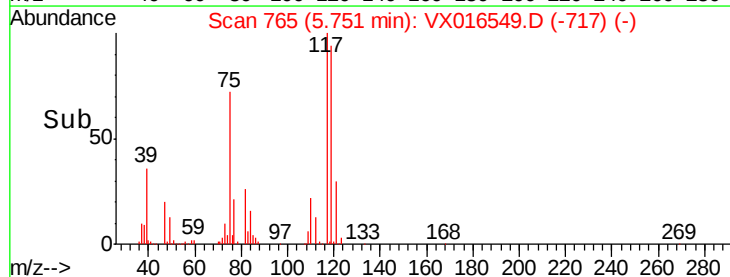
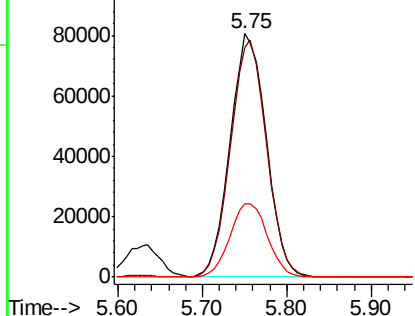


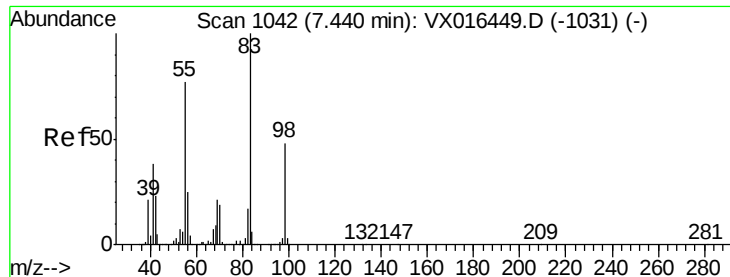
#38
Carbon Tetrachloride
Concen: 45.241 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion: 117 Resp: 234053
Ion Ratio Lower Upper
117 100
119 94.2 76.3 114.5
121 30.0 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

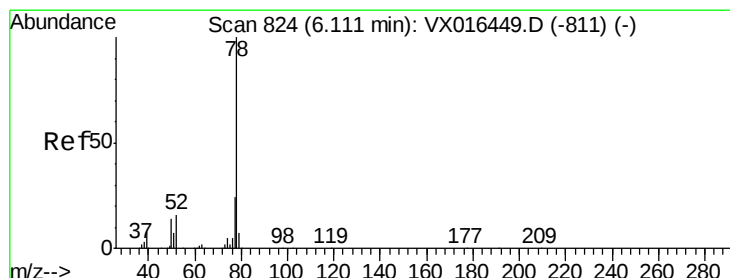
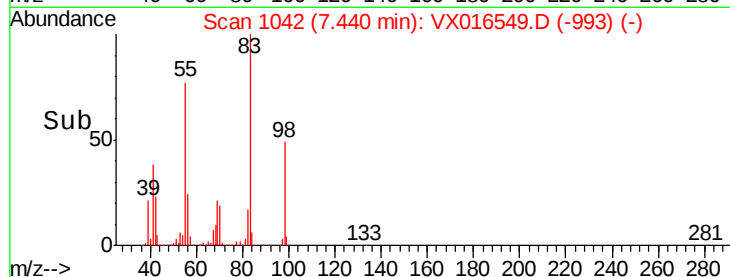
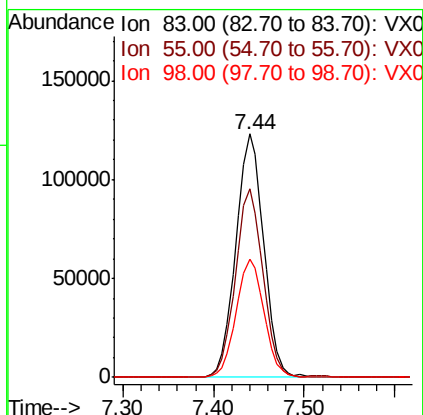
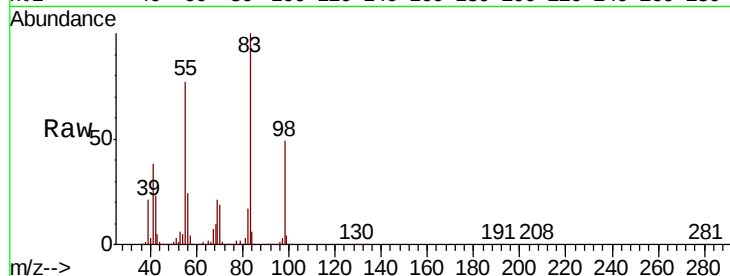




#39
Methvlcvclohexane
Concen: 48.947 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

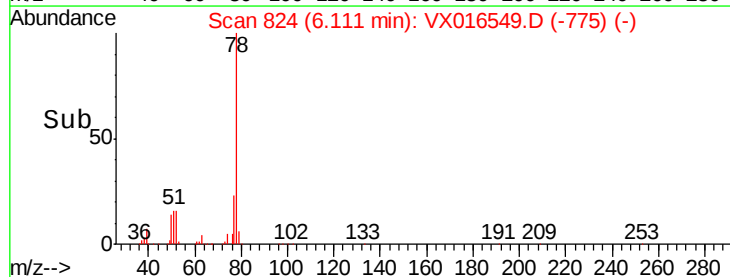
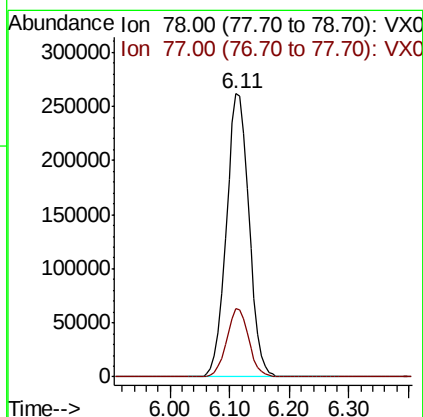
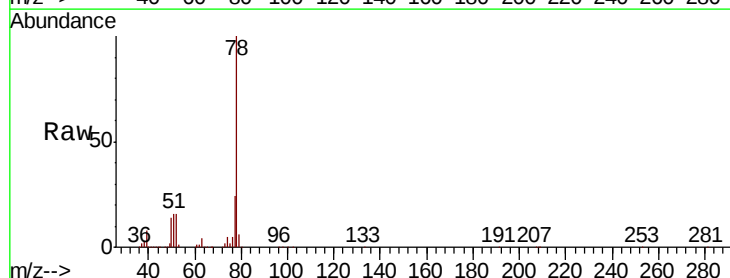
Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

Tot Ion: 83 Resp: 261727
Ion Ratio Lower Upper
83 100
55 77.4 61.7 92.5
98 48.8 38.7 58.1



#40
Benzene
Concen: 47.158 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion: 78 Resp: 691342
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3

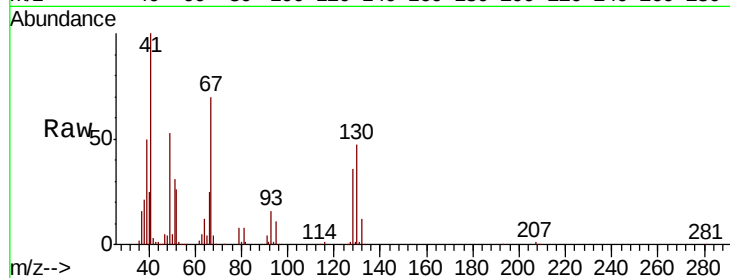




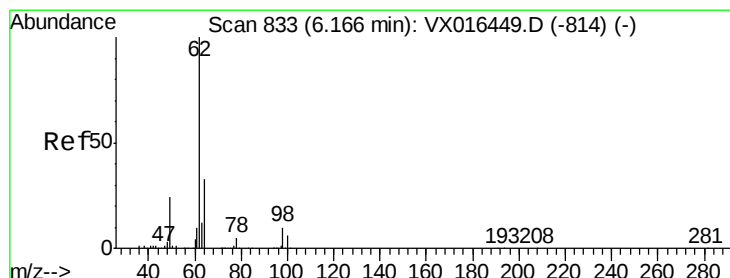
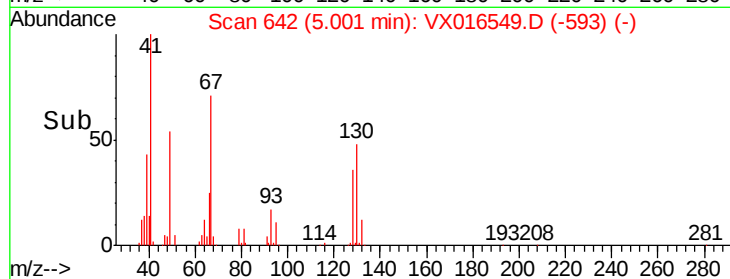
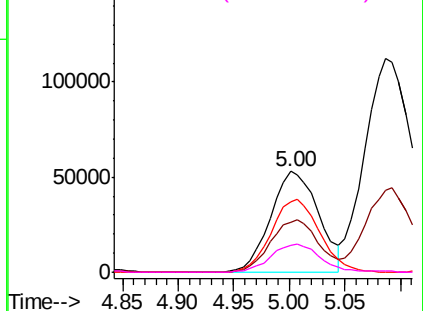
#41
Methacrylonitrile
Concen: 49.118 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

Tot Ion:	41	Resp:	159462
Ion	Ratio	Lower	Upper
41	100		
39	51.5	43.0	64.4
67	73.1	58.9	88.3
52	28.7	23.1	34.7

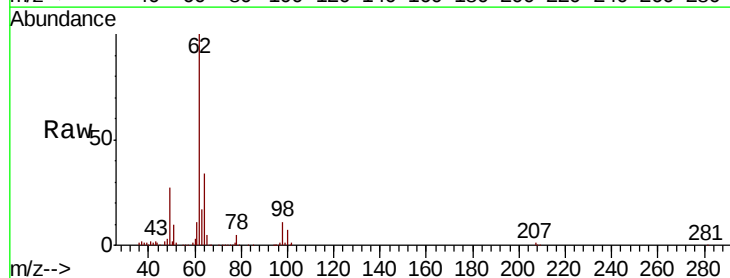


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

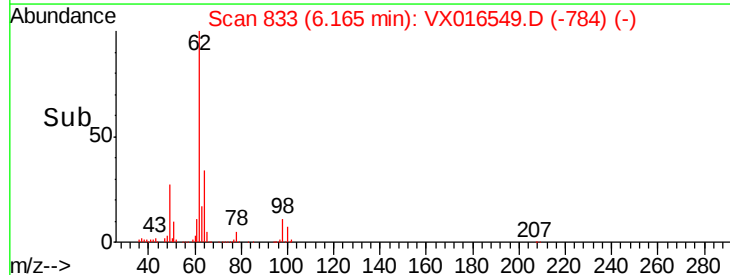
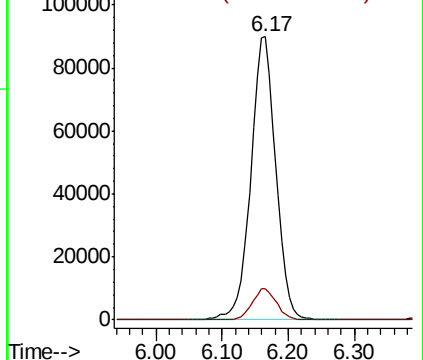


#42
1,2-Dichloroethane
Concen: 45.445 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion:	62	Resp:	236931
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	19.8



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

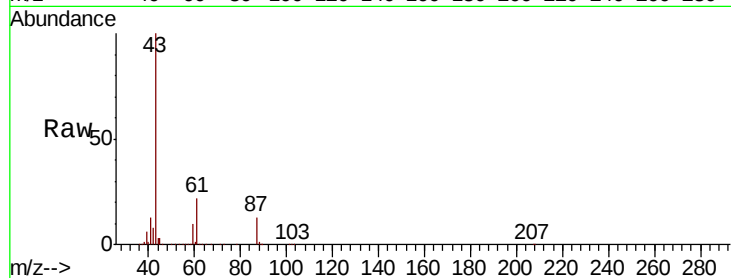




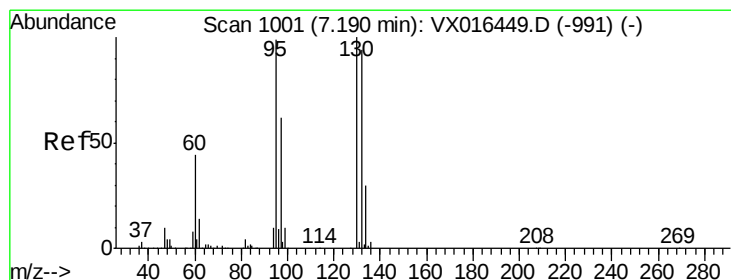
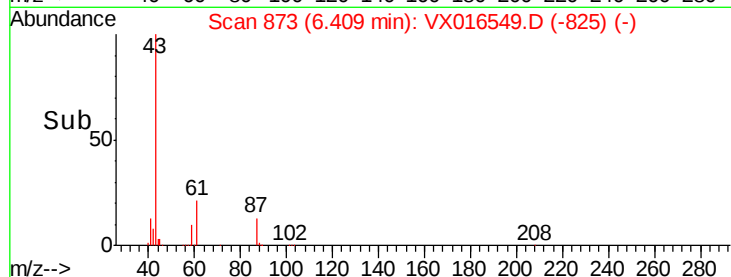
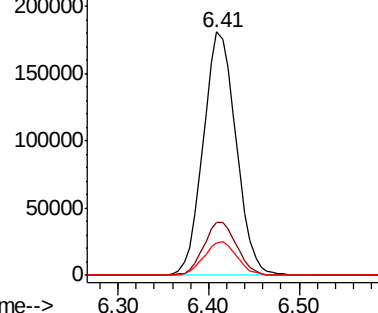
#43
Isopropyl Acetate
Concen: 49.264 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

Tot Ion: 43 Resp: 454173
Ion Ratio Lower Upper
43 100
61 22.0 16.8 25.2
87 14.1 11.2 16.8

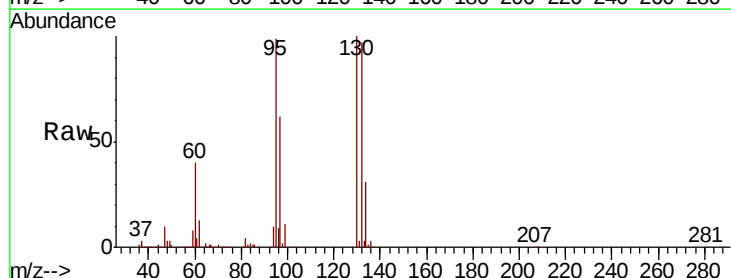


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

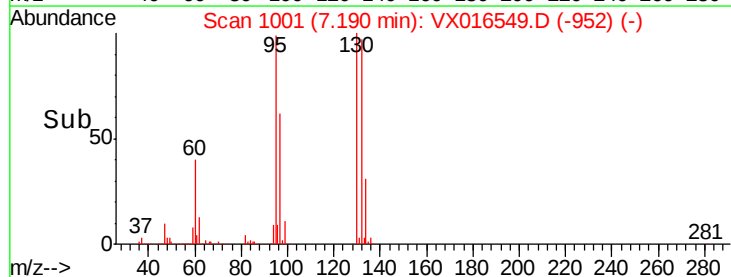
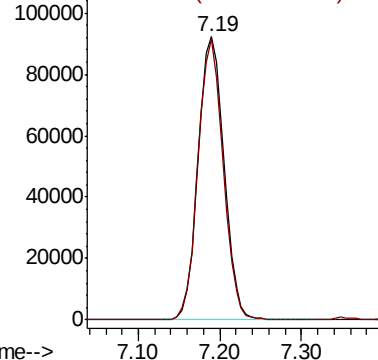


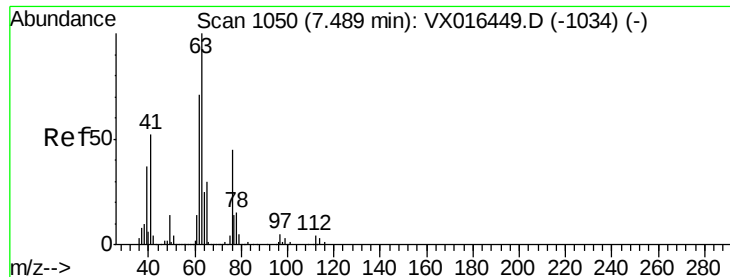
#44
Trichloroethene
Concen: 43.343 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion:130 Resp: 201605
Ion Ratio Lower Upper
130 100
95 99.0 0.0 198.2



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

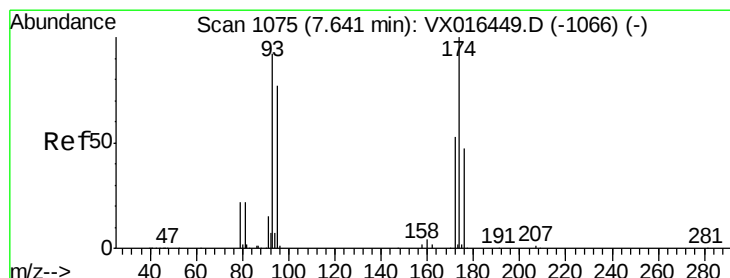
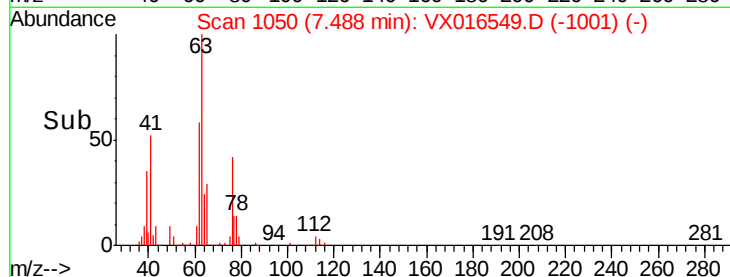
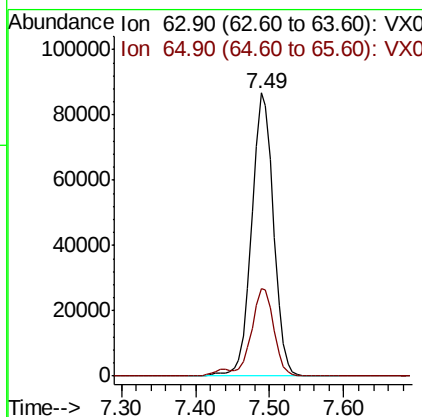
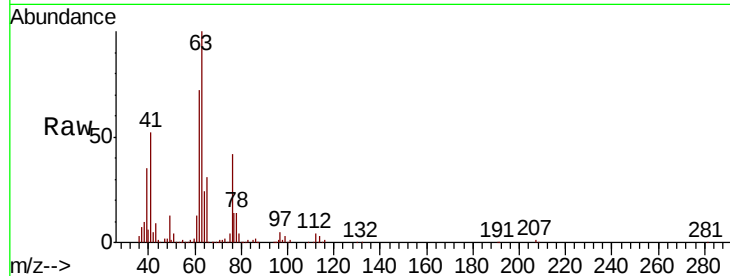




#45
 1,2-Dichloropropane
 Concen: 47.946 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

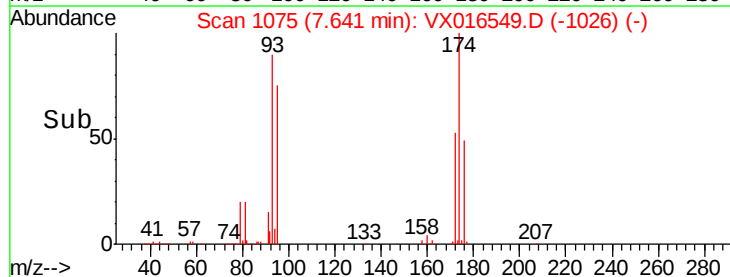
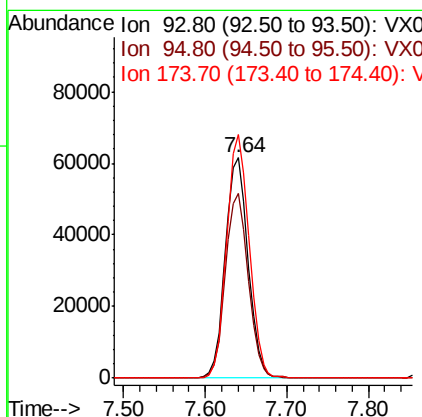
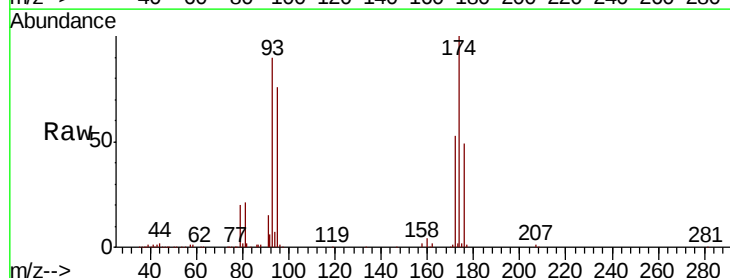
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MS

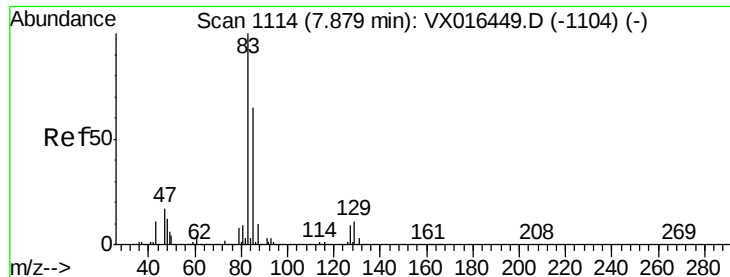
Tot Ion: 63 Resp: 178942
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.2 36.2



#46
 Dibromomethane
 Concen: 47.404 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Tgt Ion: 93 Resp: 118832
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.6 100.0
 174 109.1 86.2 129.4





#47

Bromodichloromethane

Concen: 46.995 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

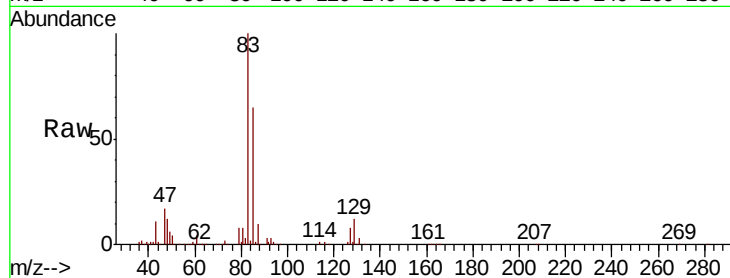
Tot Ion: 83 Resp: 243925

Ion Ratio Lower Upper

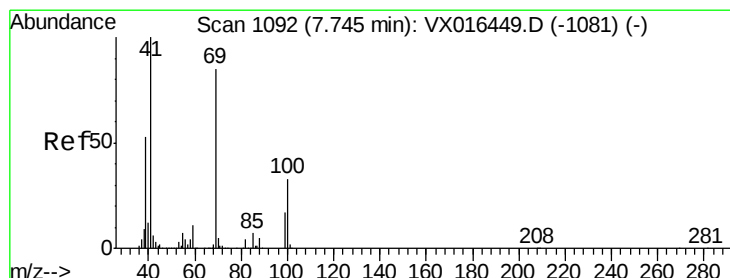
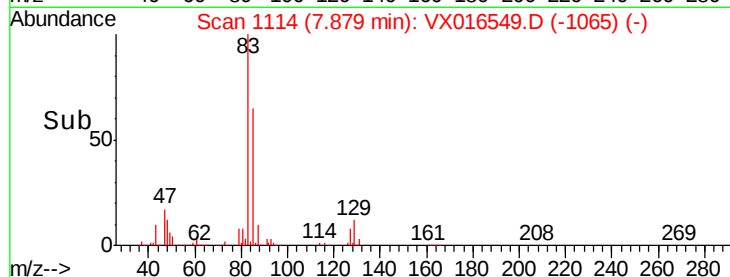
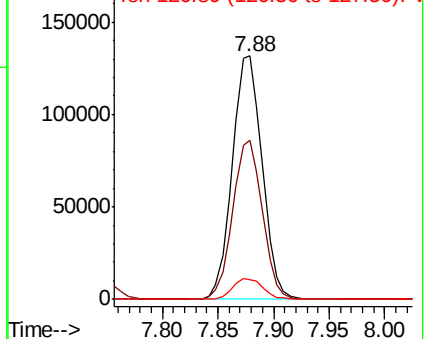
83 100

85 65.4 52.0 78.0

127 8.3 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: 49.099 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

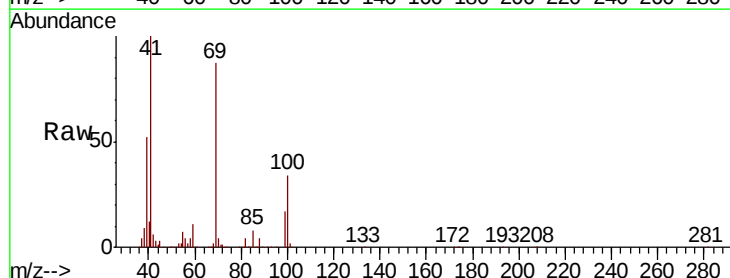
Tgt Ion: 41 Resp: 216729

Ion Ratio Lower Upper

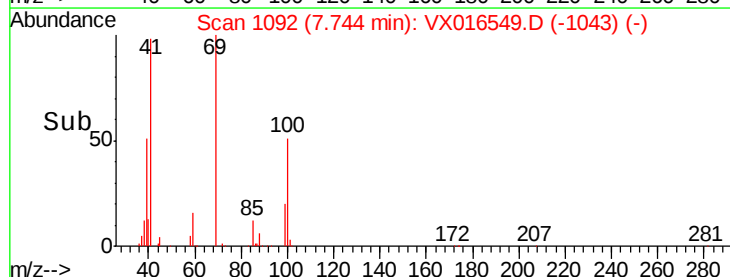
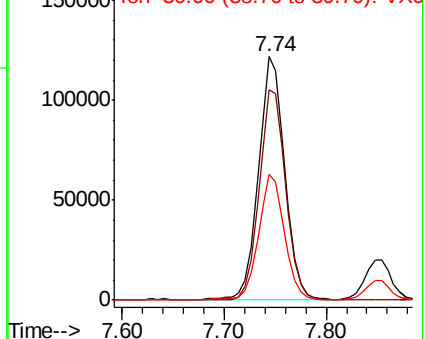
41 100

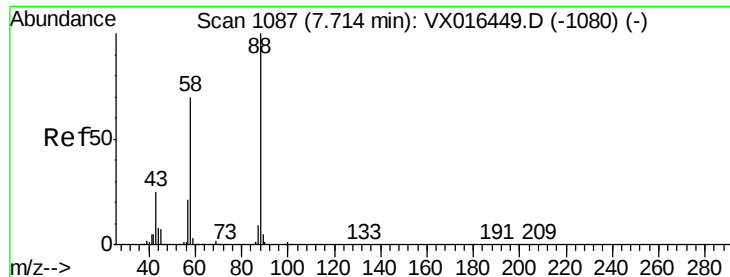
69 87.7 68.6 102.8

39 51.0 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: 1027.602 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

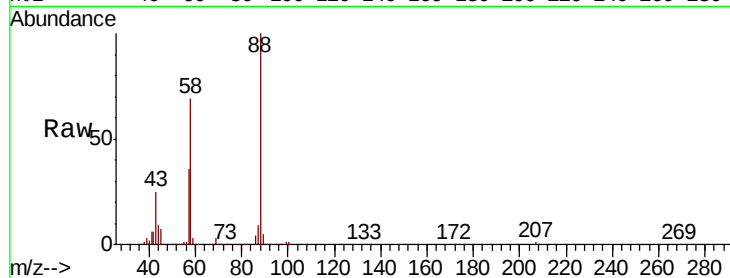
Tot Ion: 88 Resp: 106153

Ion Ratio Lower Upper

88 100

43 30.4 24.2 36.4

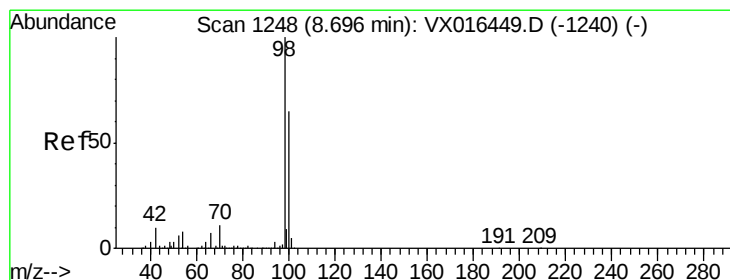
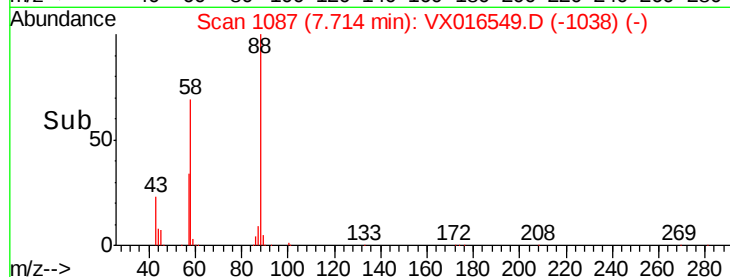
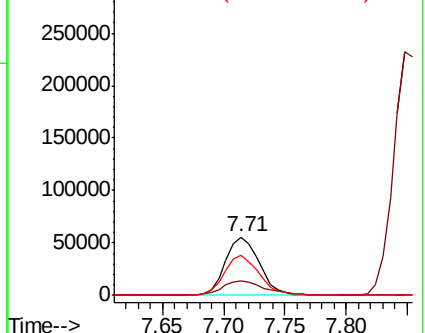
58 71.8 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.653 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016549.D

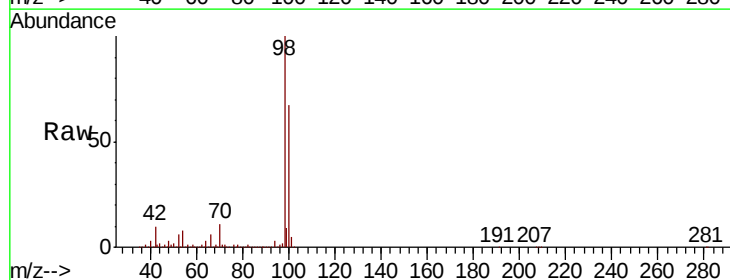
Acq: 02 Jun 2020 12:18

Tgt Ion: 98 Resp: 618733

Ion Ratio Lower Upper

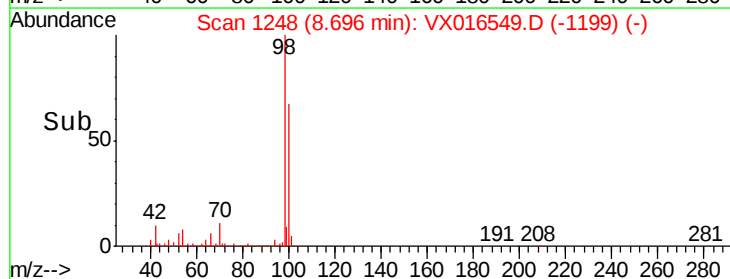
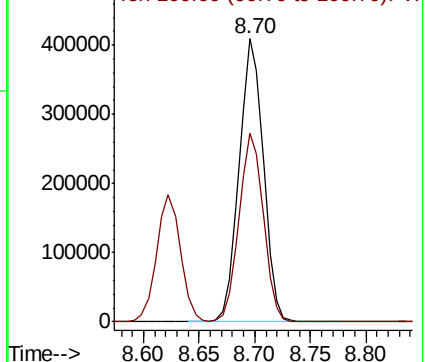
98 100

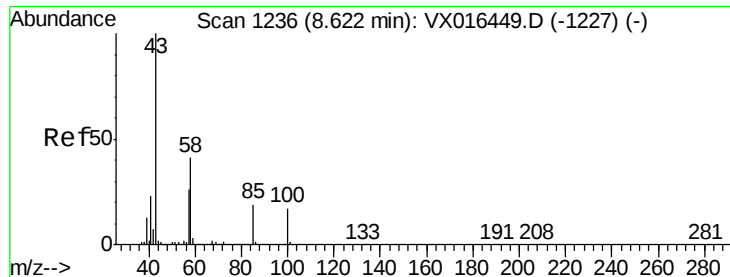
100 66.8 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

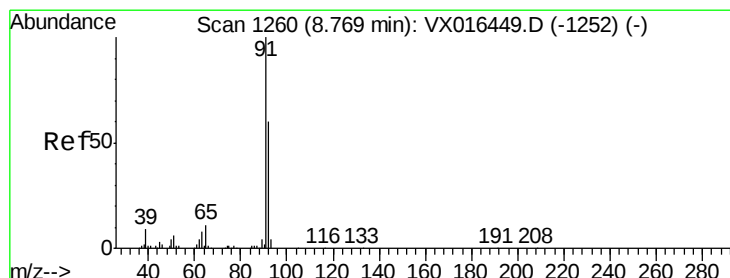
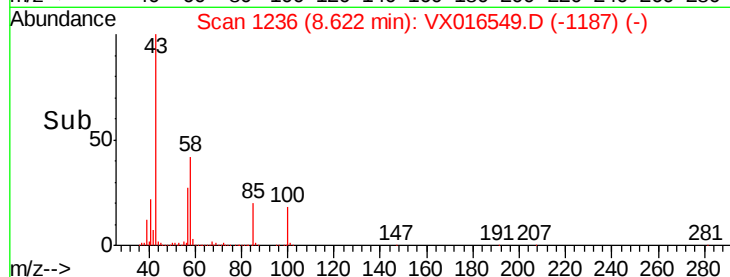
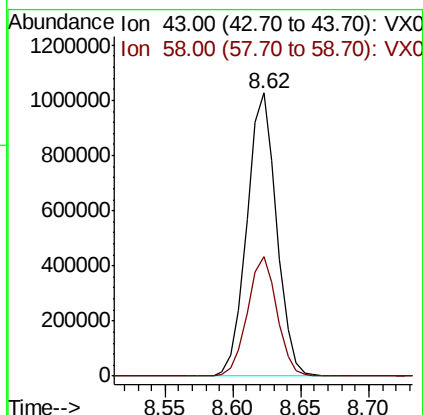
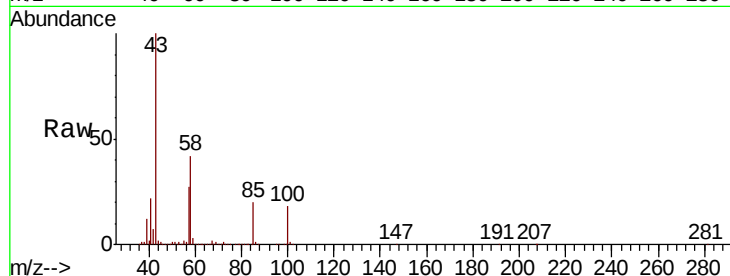




#51
4-Methyl-2-Pentanone
Concen: 273.741 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

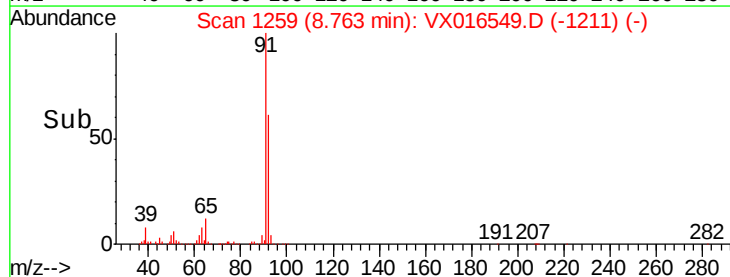
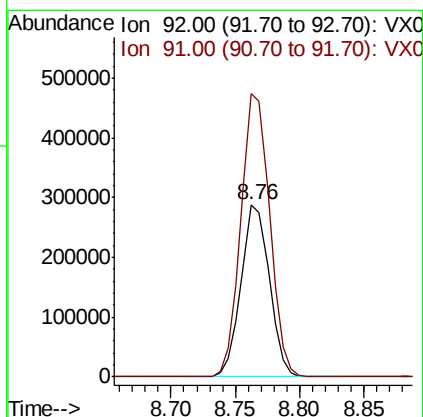
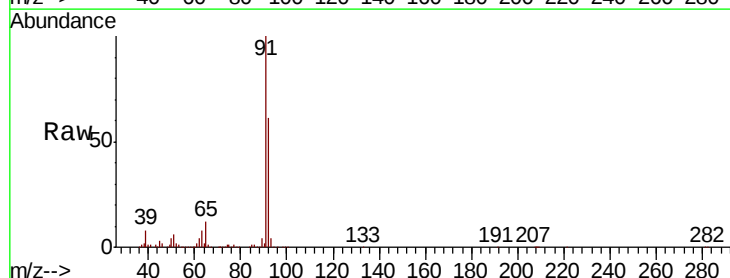
Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

Tot Ion: 43 Resp: 1571384
Ion Ratio Lower Upper
43 100
58 42.1 33.0 49.6



#52
Toluene
Concen: 47.609 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion: 92 Resp: 440126
Ion Ratio Lower Upper
92 100
91 167.1 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 49.411 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

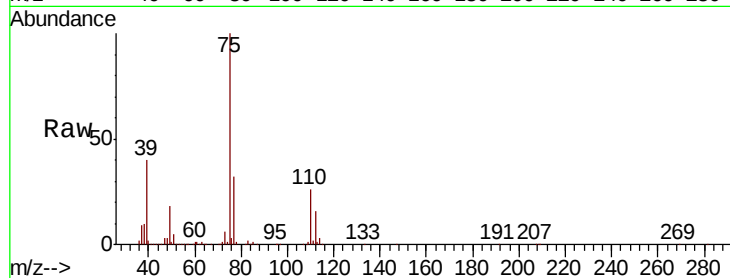
SS050MW641-200528MS

Tot Ion: 75 Resp: 291627

Ion Ratio Lower Upper

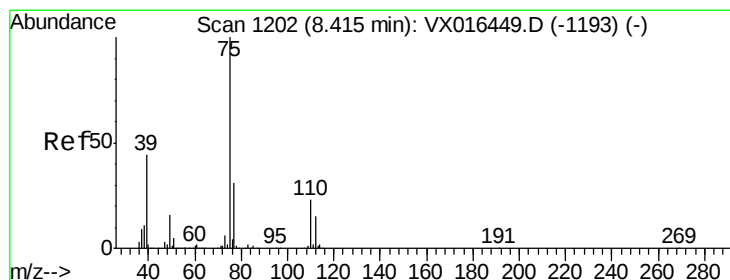
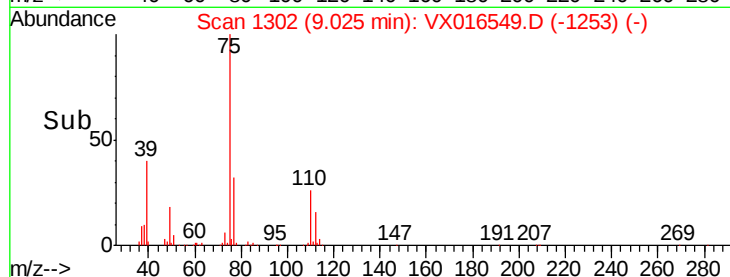
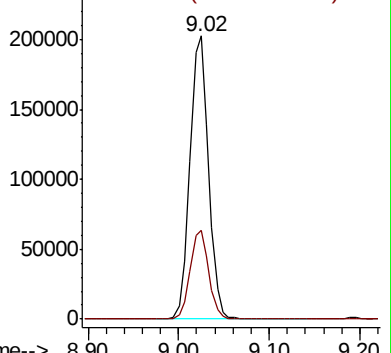
75 100

77 31.5 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: 48.485 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

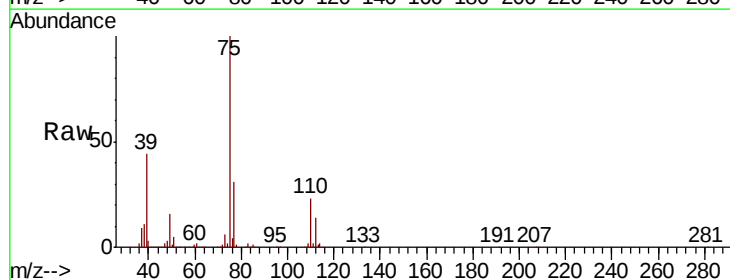
Tgt Ion: 75 Resp: 302896

Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8

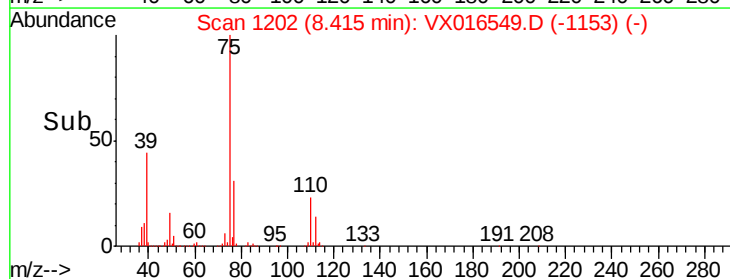
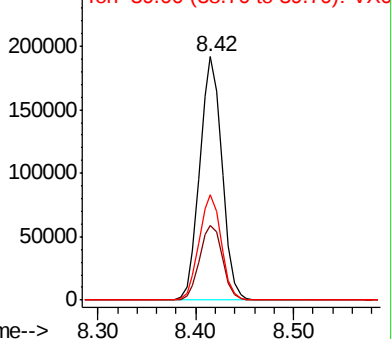
39 43.5 35.3 52.9

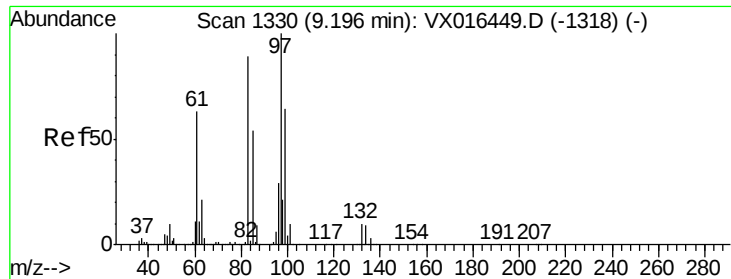


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

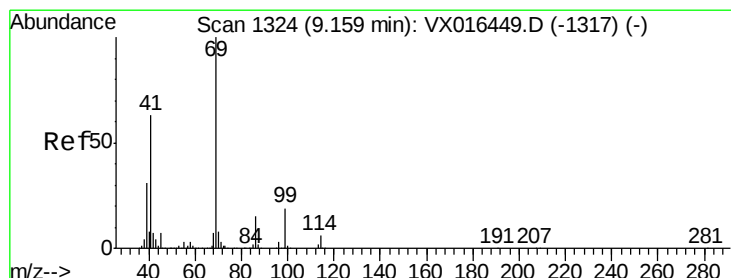
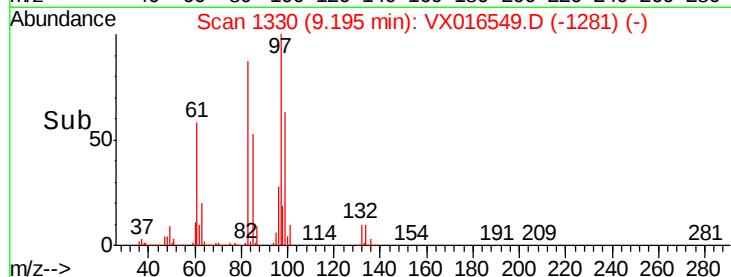
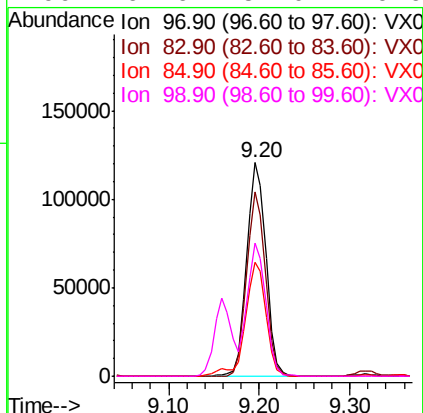
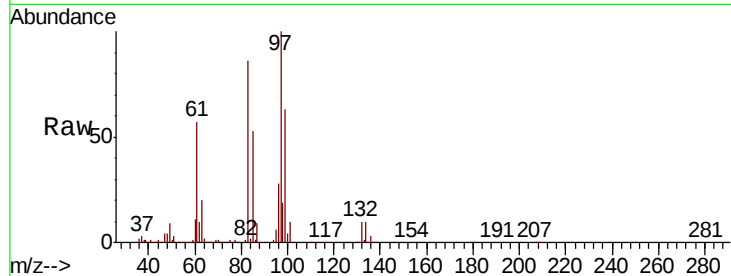




#55
 1,1,2-Trichloroethane
 Concen: 48.452 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

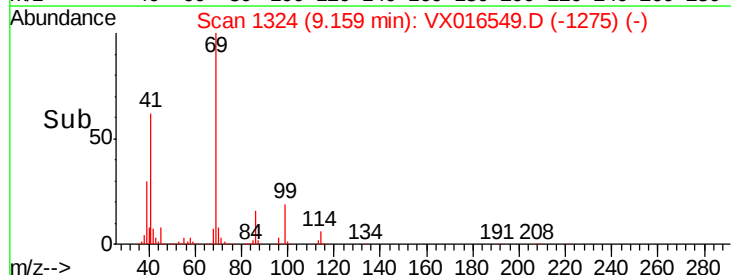
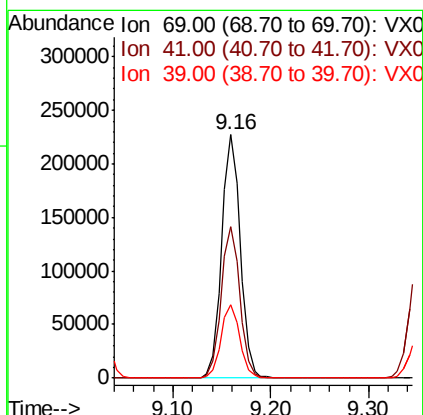
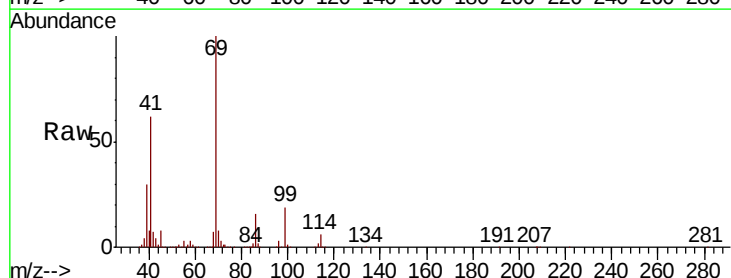
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MS

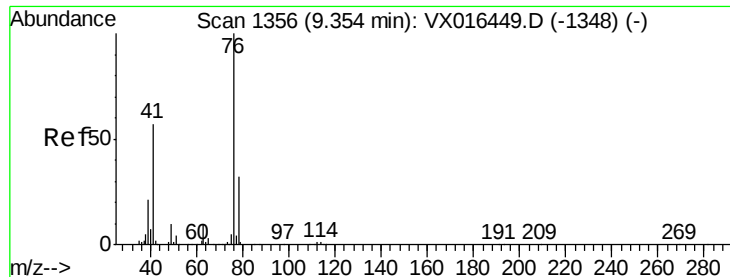
Tot Ion:	97	Resp:	178095
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.9	106.3
85	53.3	43.4	65.2
99	62.6	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 50.181 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Tgt Ion:	69	Resp:	300399
Ion	Ratio	Lower	Upper
69	100		
41	62.3	50.7	76.1
39	30.6	25.8	38.6





#57

1,3-Dichloropropane

Concen: 48.453 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

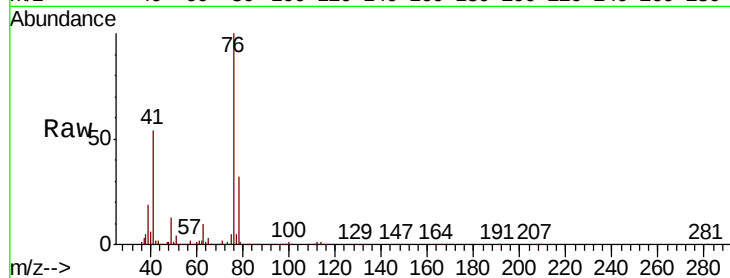
SS050MW641-200528MS

Tot Ion: 76 Resp: 305695

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

250000

200000

150000

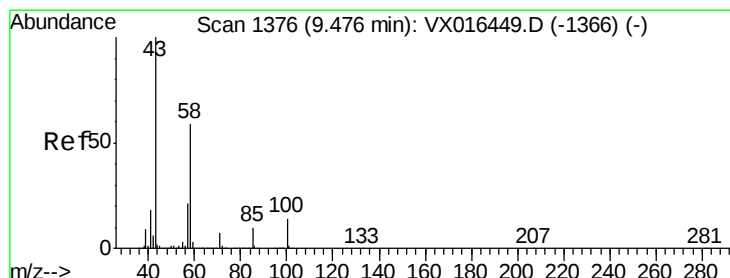
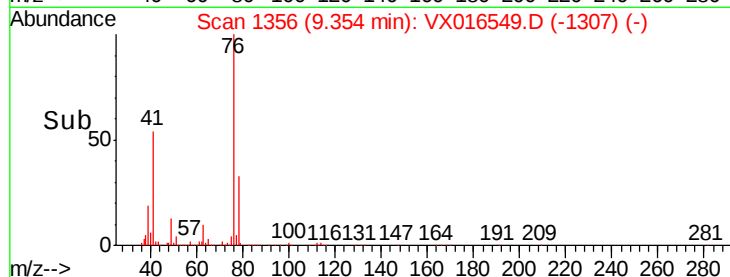
100000

50000

0

Time-->

9.30 9.40 9.50



#59

2-Hexanone

Concen: 276.179 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016549.D

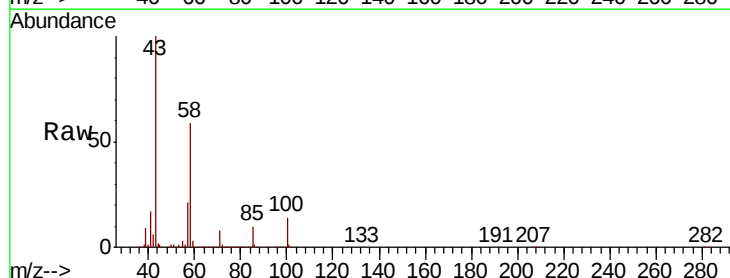
Acq: 02 Jun 2020 12:18

Tgt Ion: 43 Resp: 1232879

Ion Ratio Lower Upper

43 100

58 58.9 28.8 86.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

1000000

800000

600000

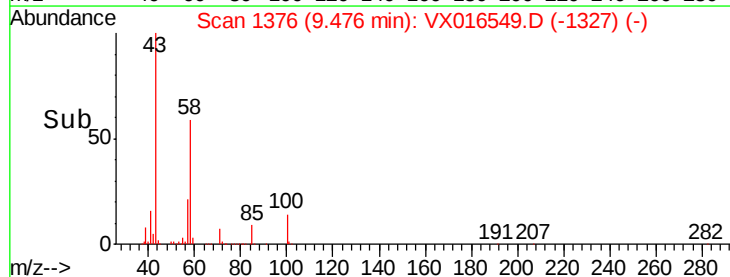
400000

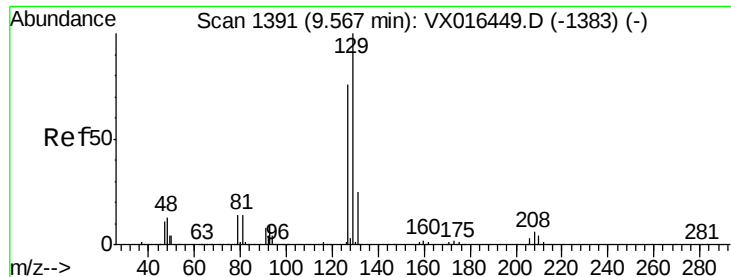
200000

0

Time-->

9.40 9.45 9.50 9.55





#60

Dibromochloromethane

Concen: 47.456 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

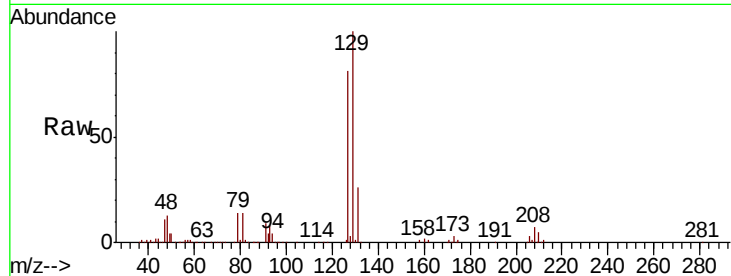
SS050MW641-200528MS

Tot Ion:129 Resp: 196298

Ion Ratio Lower Upper

129 100

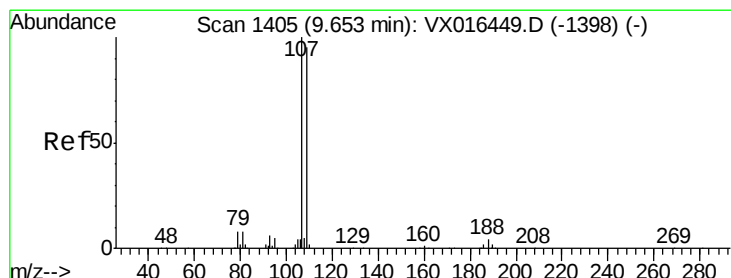
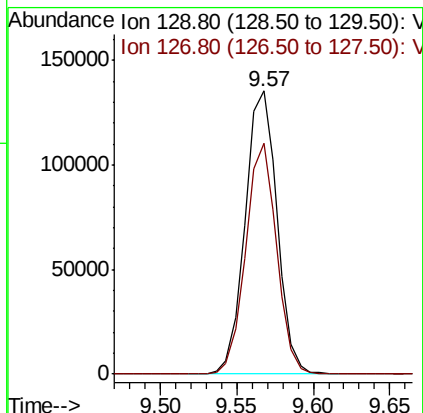
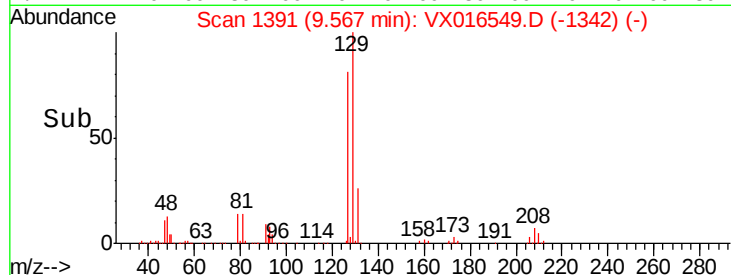
127 78.9 38.6 116.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57



#61

1,2-Dibromoethane

Concen: 48.176 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016549.D

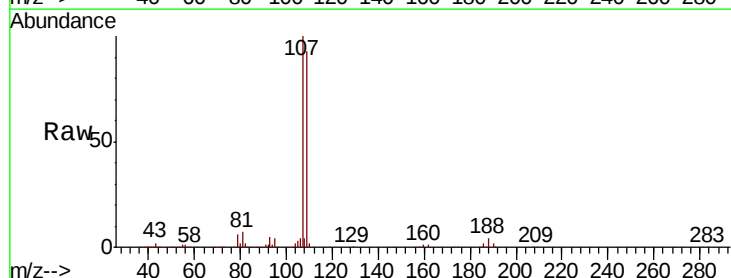
Acq: 02 Jun 2020 12:18

Tgt Ion:107 Resp: 189626

Ion Ratio Lower Upper

107 100

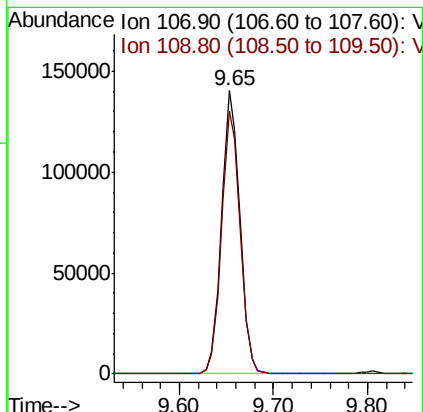
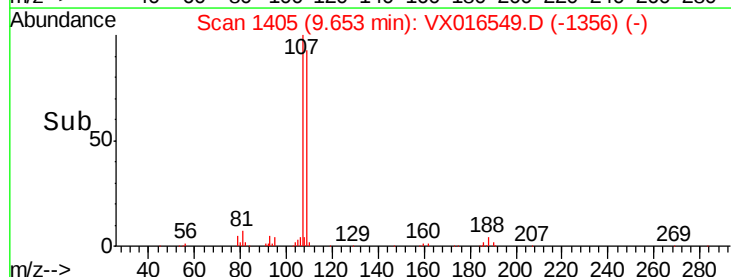
109 94.0 75.5 113.3

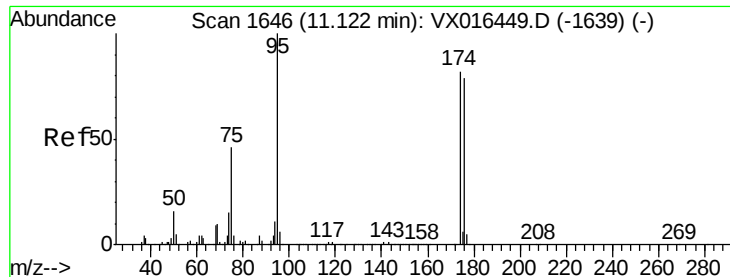


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65





#62

4-Bromofluorobenzene

Concen: 49.216 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

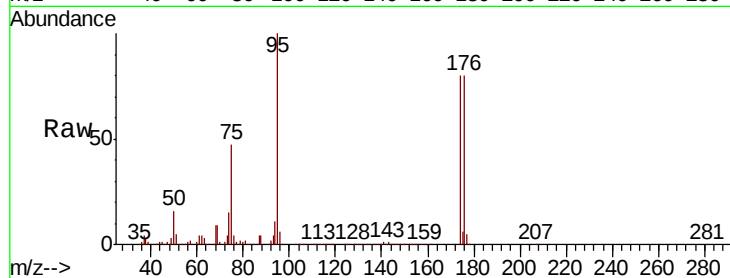
Tot Ion: 95 Resp: 236974

Ion Ratio Lower Upper

95 100

174 80.2 0.0 163.0

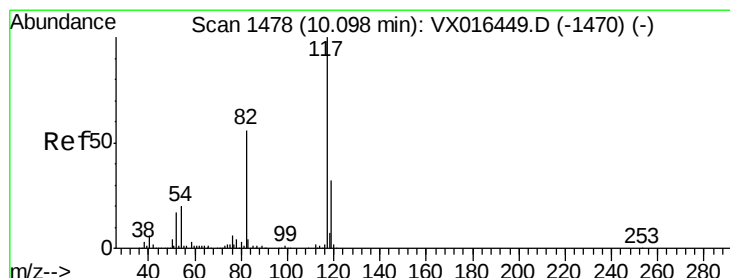
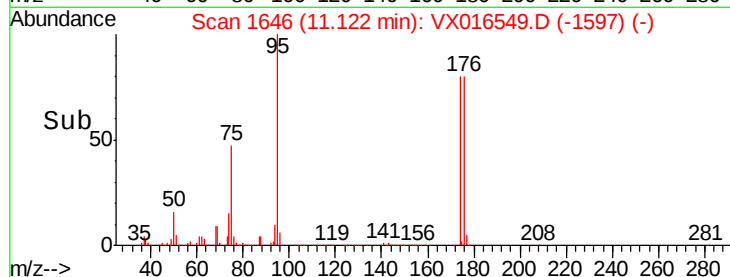
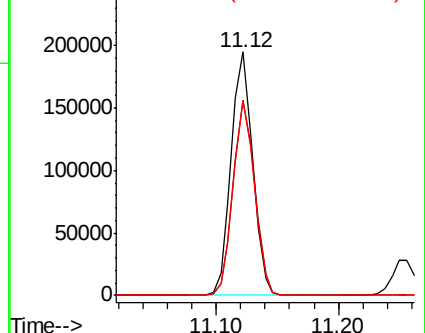
176 79.3 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

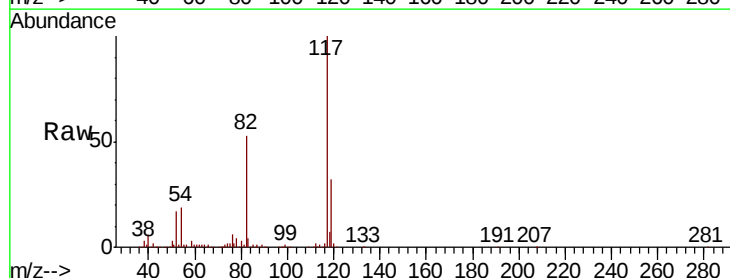
Tgt Ion: 117 Resp: 482514

Ion Ratio Lower Upper

117 100

82 53.5 45.0 67.6

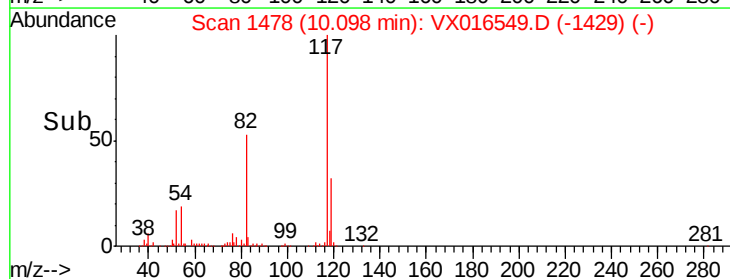
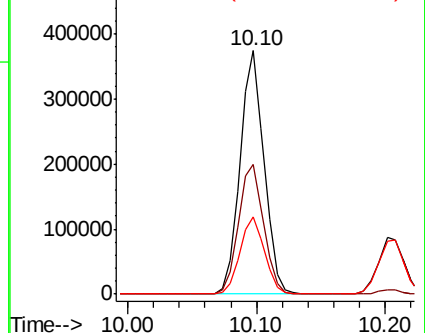
119 31.5 25.8 38.8

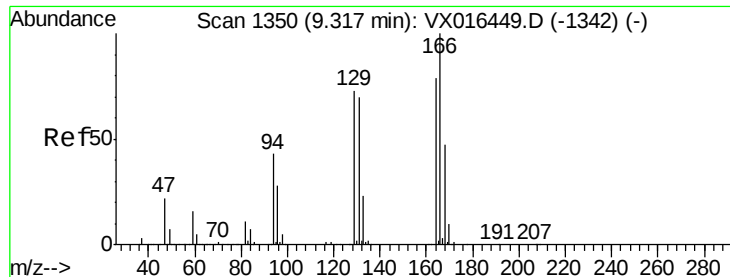


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 39.218 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

Tot Ion:164 Resp: 211712

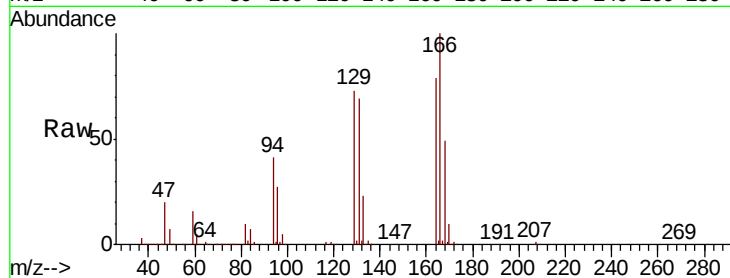
Ion Ratio Lower Upper

164 100

166 126.2 100.9 151.3

129 92.1 73.2 109.8

131 87.6 70.8 106.2

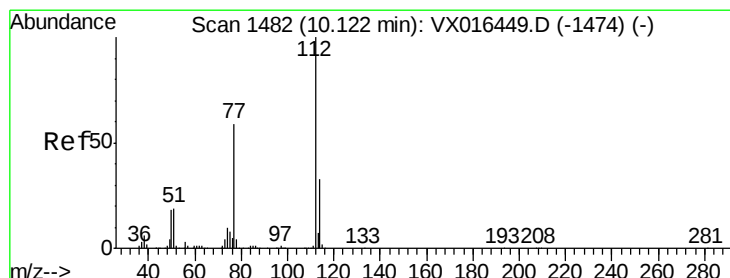
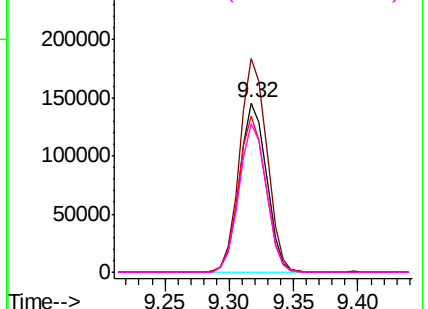
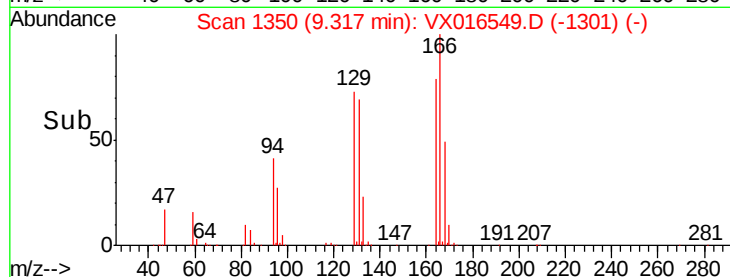


Abundance Ion 163.80 (163.50 to 164.50): V

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: 47.514 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016549.D

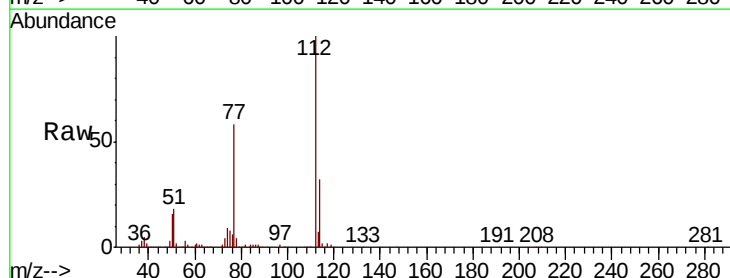
Acq: 02 Jun 2020 12:18

Tgt Ion:112 Resp: 467398

Ion Ratio Lower Upper

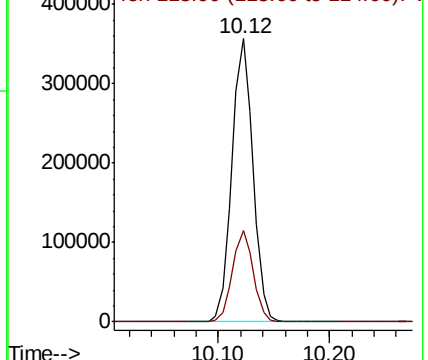
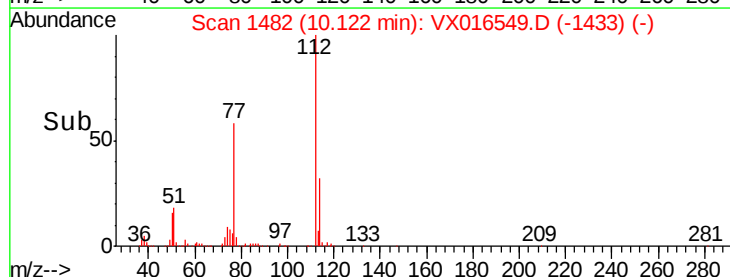
112 100

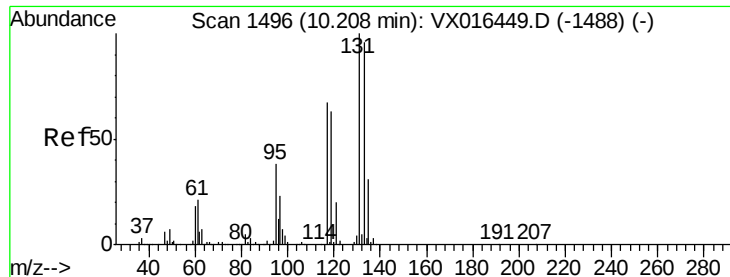
114 32.4 26.0 39.0



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: 47.500 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

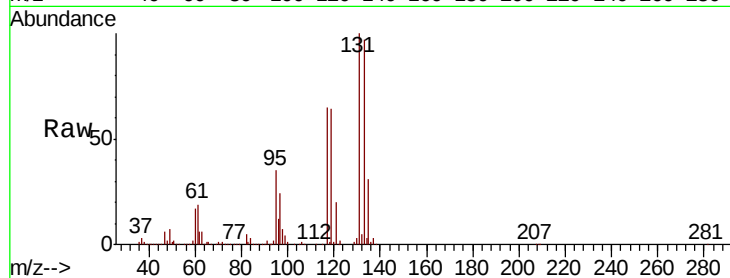
Tot Ion: 131 Resp: 178365

Ion Ratio Lower Upper

131 100

133 96.8 48.4 145.3

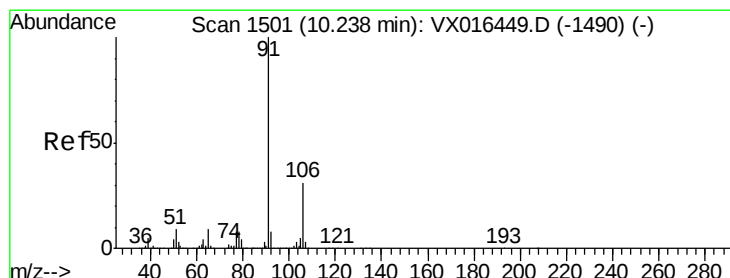
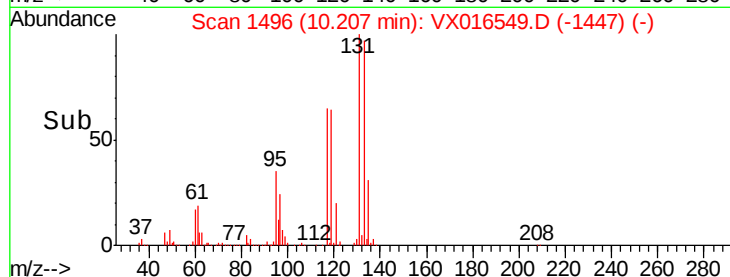
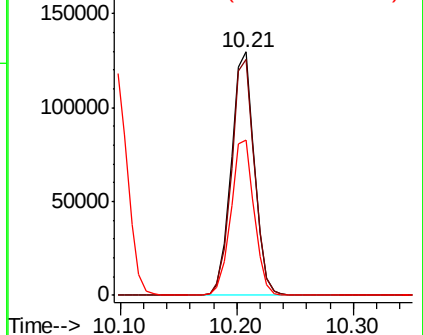
119 64.6 32.0 96.2



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: 47.248 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016549.D

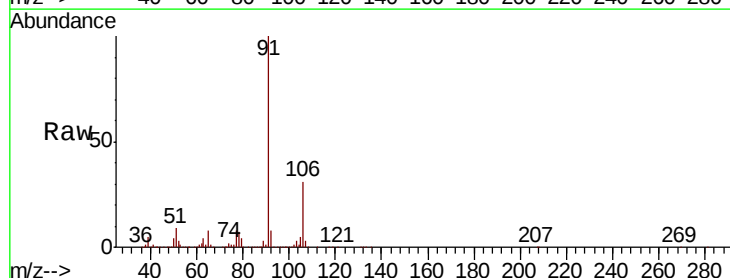
Acq: 02 Jun 2020 12:18

Tgt Ion: 91 Resp: 827514

Ion Ratio Lower Upper

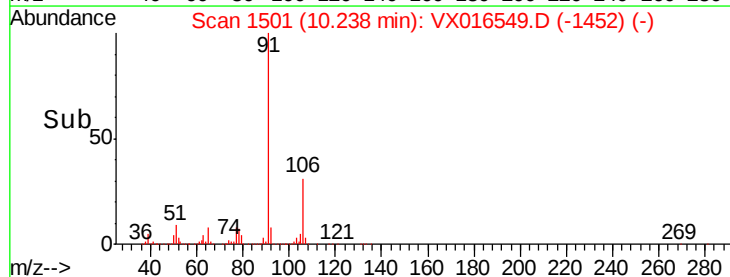
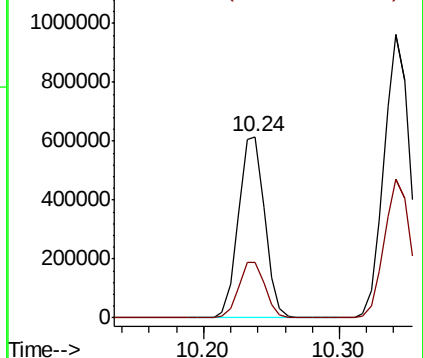
91 100

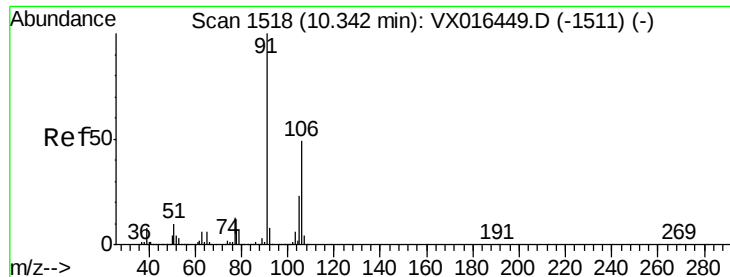
106 31.0 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

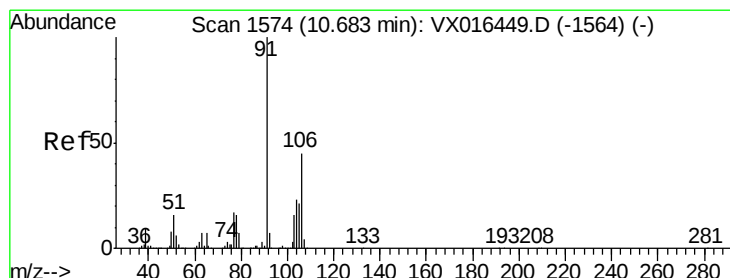
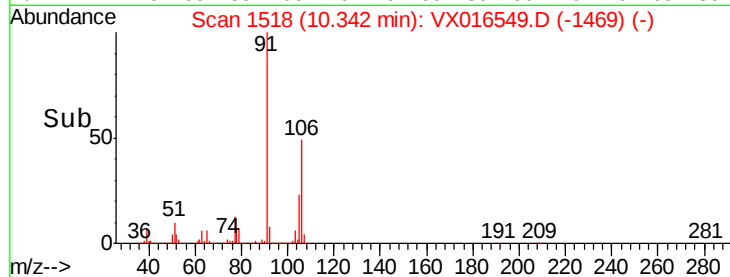
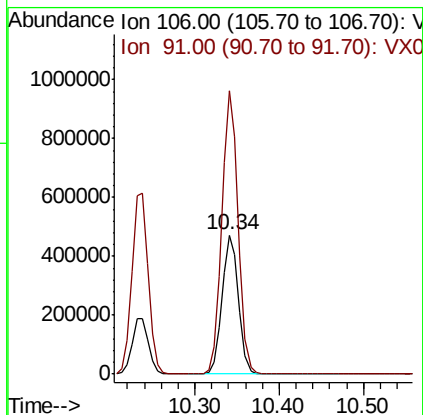
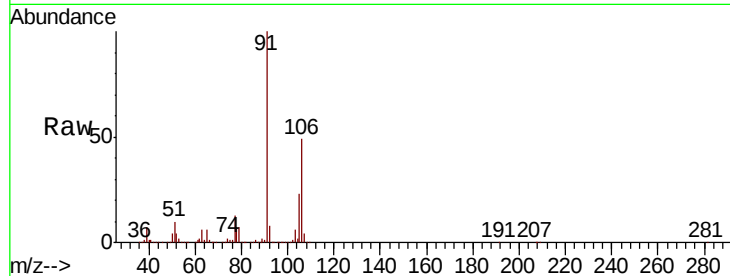




#68
m/p-Xylenes
Concen: 97.187 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

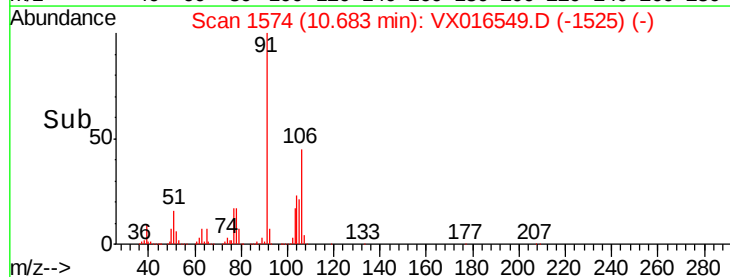
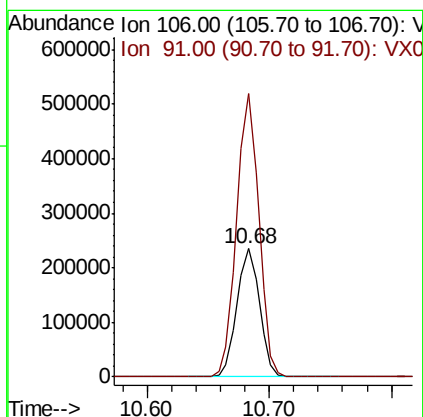
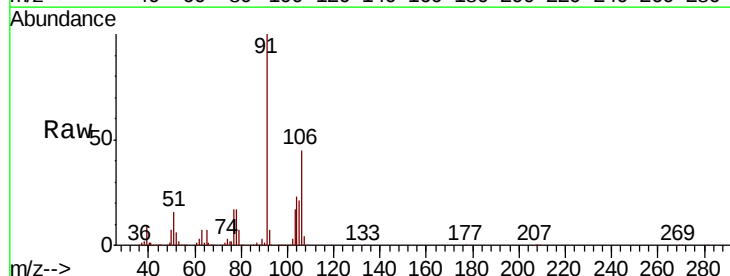
Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

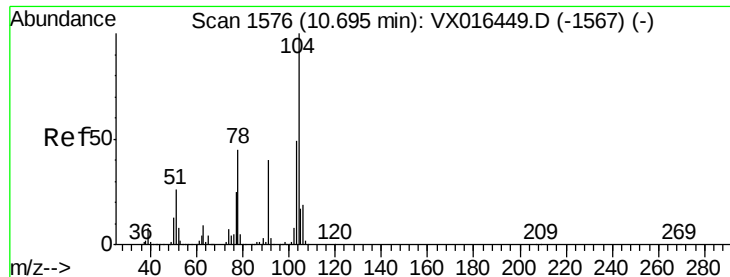
Tot Ion:106 Resp: 631111
Ion Ratio Lower Upper
106 100
91 202.2 163.8 245.8



#69
o-Xylene
Concen: 47.731 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion:106 Resp: 300175
Ion Ratio Lower Upper
106 100
91 216.9 109.6 328.8





#70

Stvrene

Concen: 48.736 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

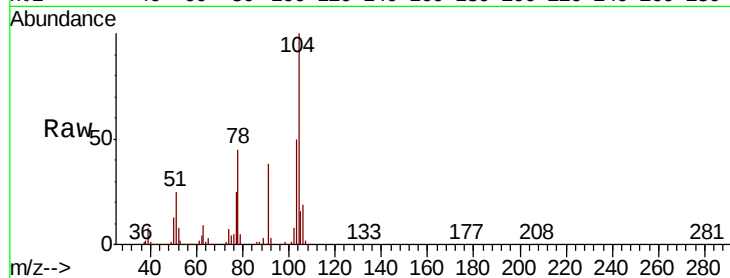
Tot Ion:104 Resp: 526824

Ion Ratio Lower Upper

104 100

78 49.7 40.2 60.2

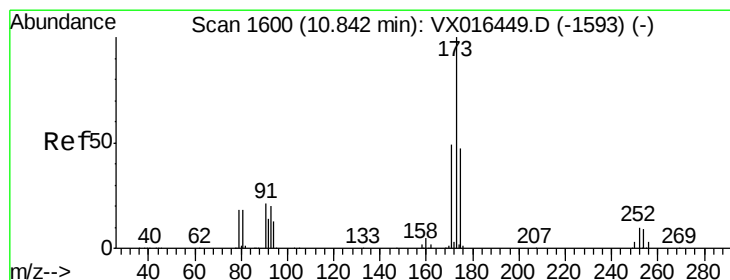
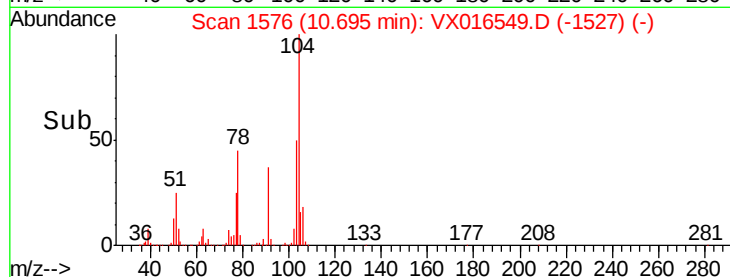
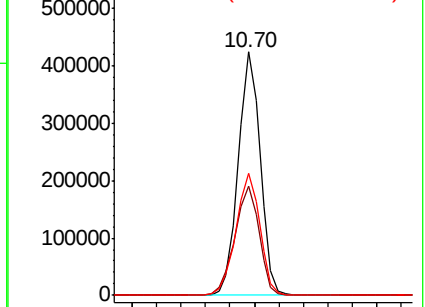
103 54.4 43.1 64.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 49.184 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

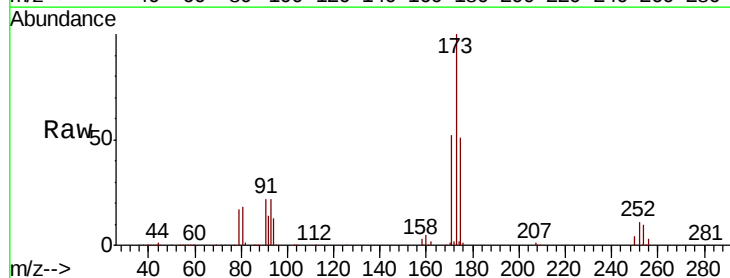
Tgt Ion:173 Resp: 156089

Ion Ratio Lower Upper

173 100

175 48.5 23.9 71.7

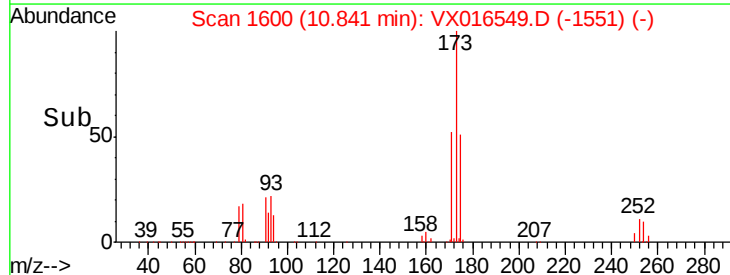
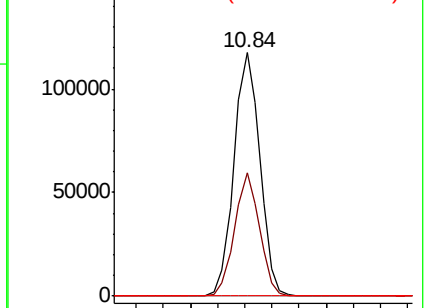
254 0.1 0.1 0.1#

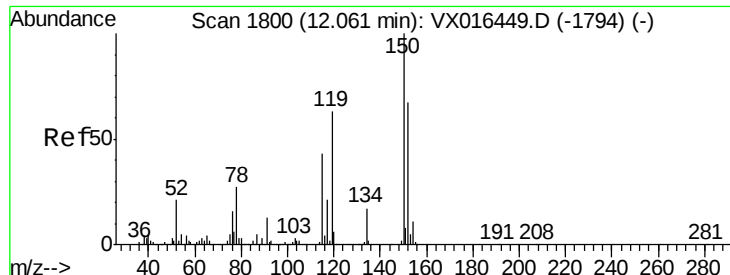


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

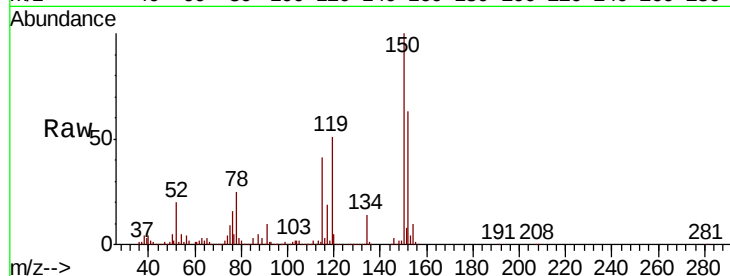
Tot Ion:152 Resp: 242045

Ion Ratio Lower Upper

152 100

115 79.4 39.9 119.6

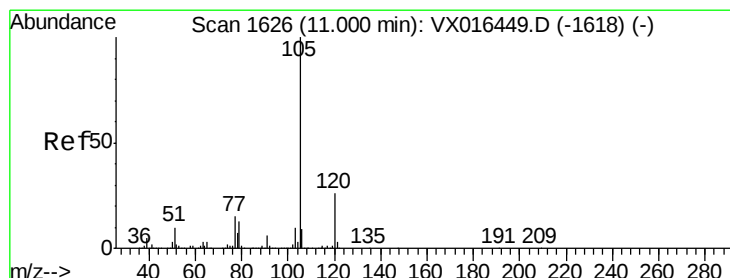
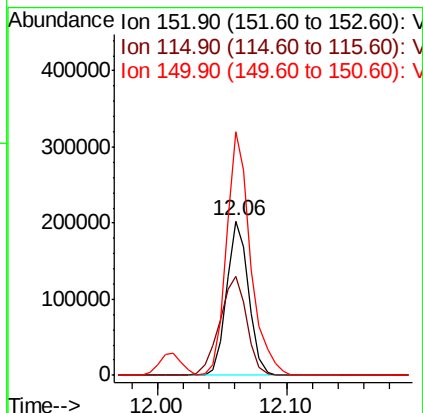
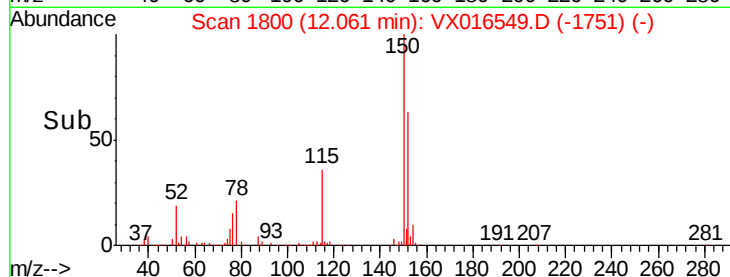
150 172.6 0.0 341.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 47.681 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016549.D

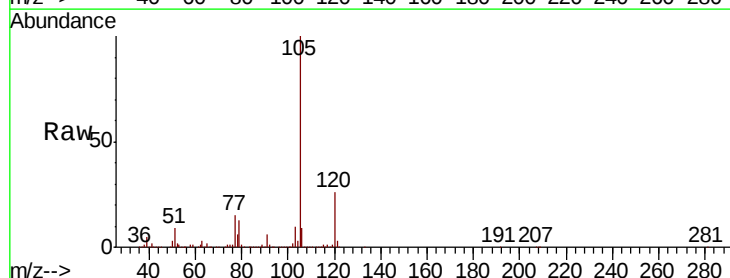
Acq: 02 Jun 2020 12:18

Tgt Ion:105 Resp: 799653

Ion Ratio Lower Upper

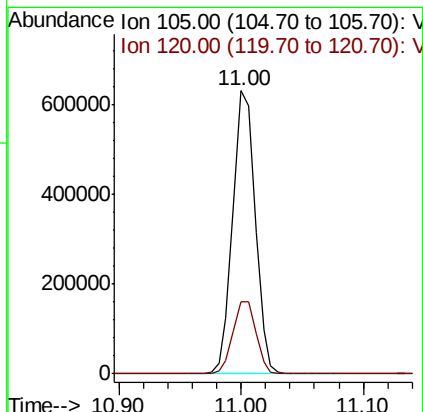
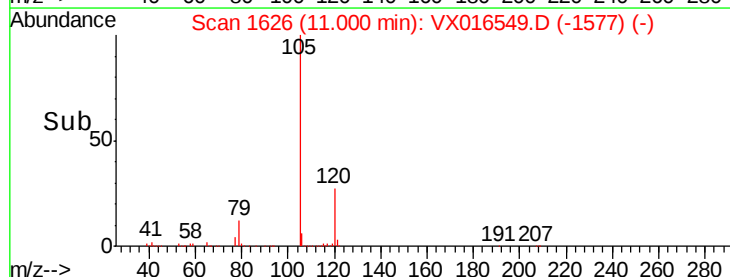
105 100

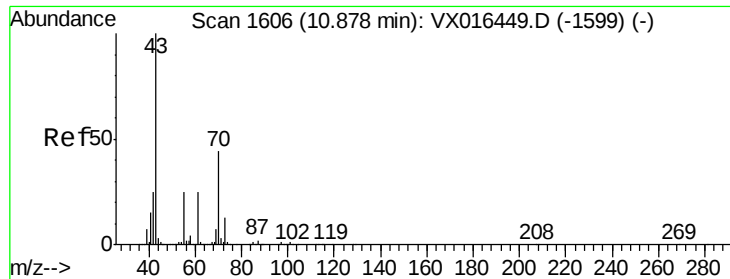
120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 50.013 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

Tot Ion: 43 Resp: 385804

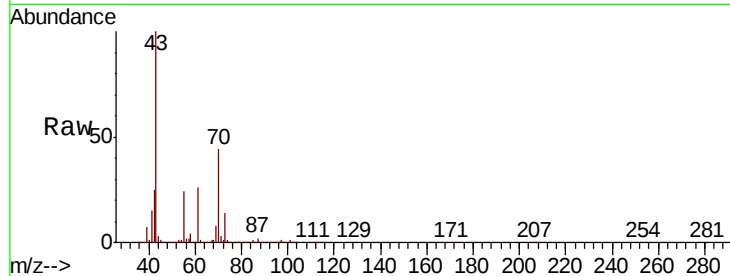
Ion Ratio Lower Upper

43 100

70 46.2 36.1 54.1

55 25.3 20.2 30.4

61 26.5 20.3 30.5

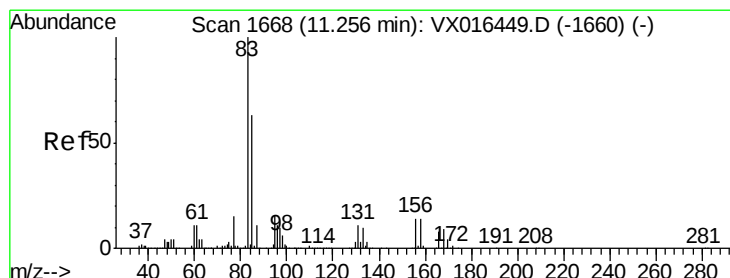
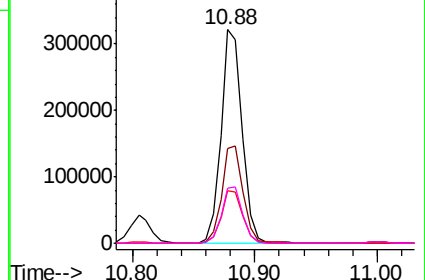
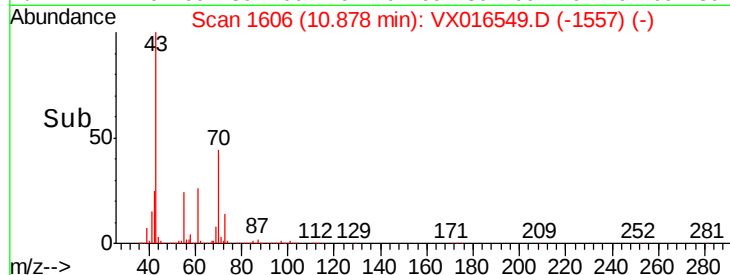


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 58.036 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

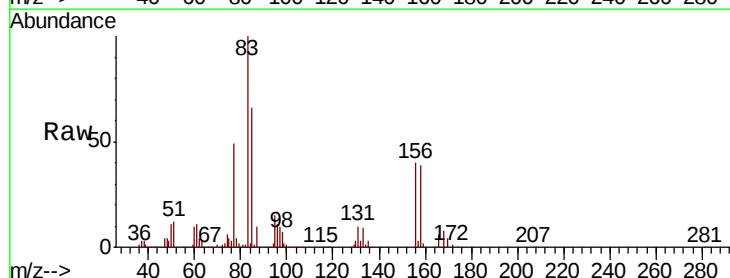
Tgt Ion: 83 Resp: 243932

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

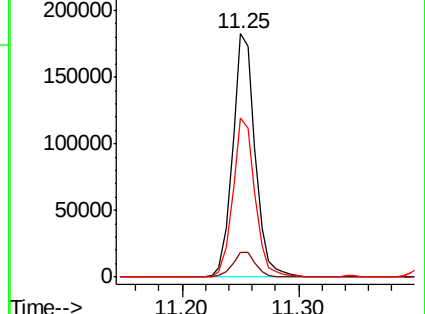
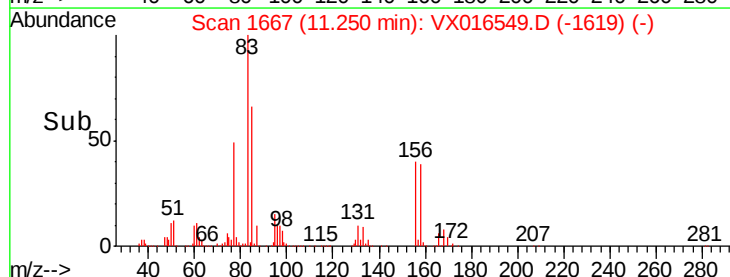
85 64.8 32.0 96.2

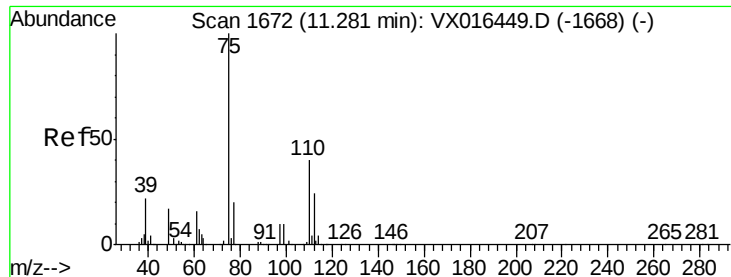


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 66.266 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

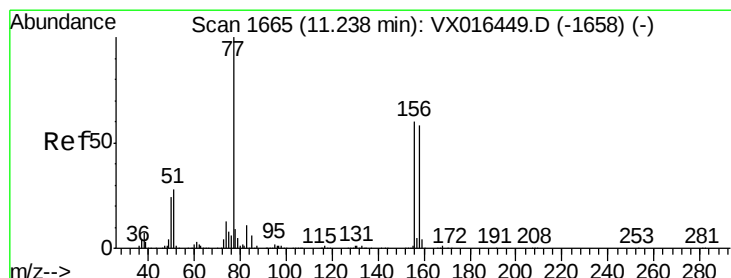
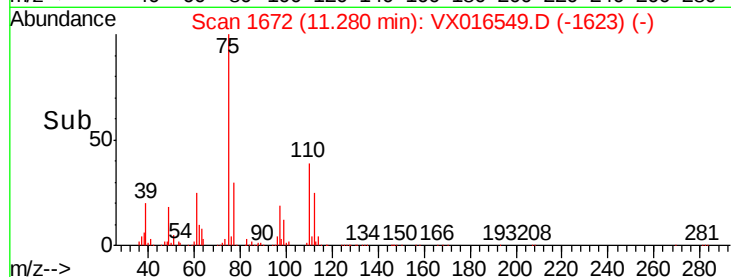
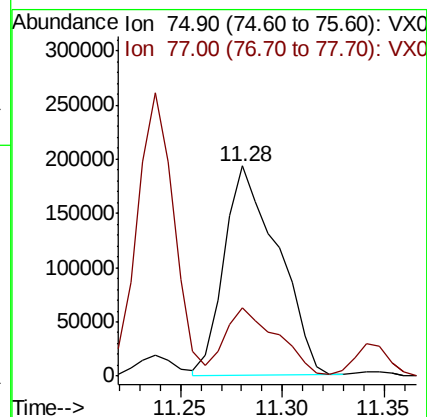
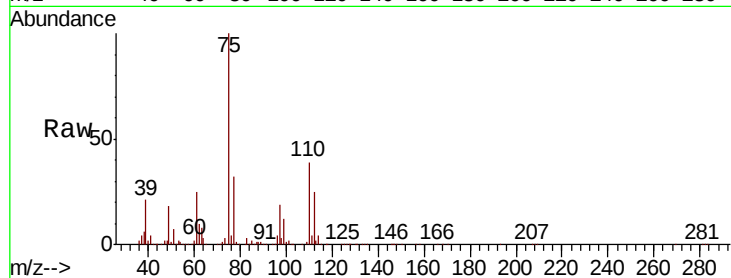
SS050MW641-200528MS

Tot Ion: 75 Resp: 352552

Ion Ratio Lower Upper

75 100

77 31.7 21.3 63.7



#77

Bromobenzene

Concen: 46.978 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

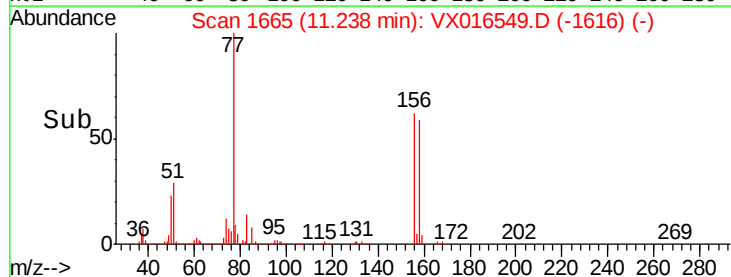
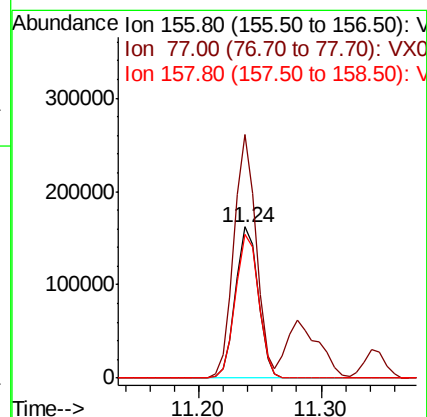
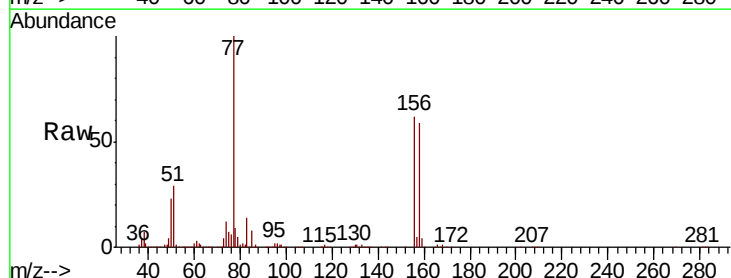
Tgt Ion: 156 Resp: 206640

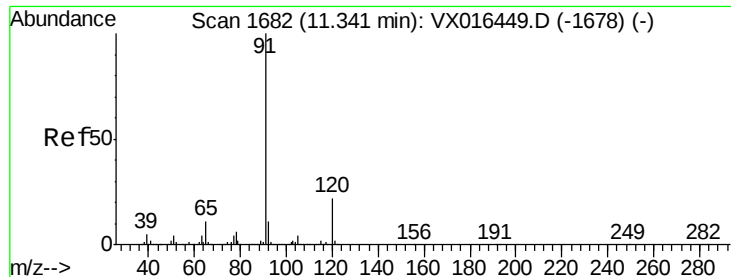
Ion Ratio Lower Upper

156 100

77 158.5 79.6 238.8

158 97.1 48.1 144.4





#78

n-propylbenzene

Concen: 49.317 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

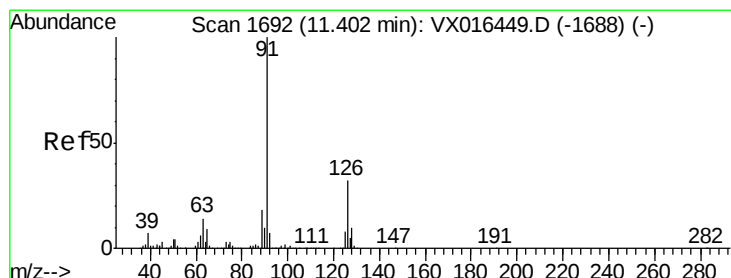
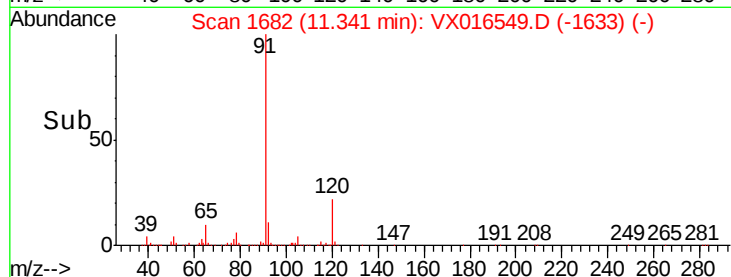
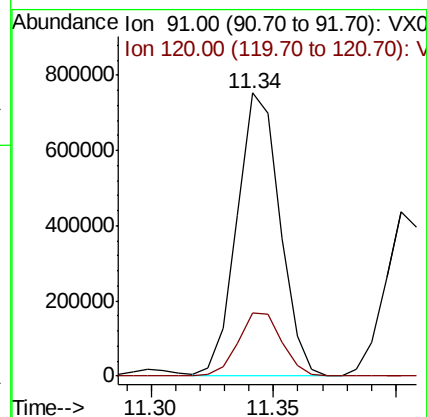
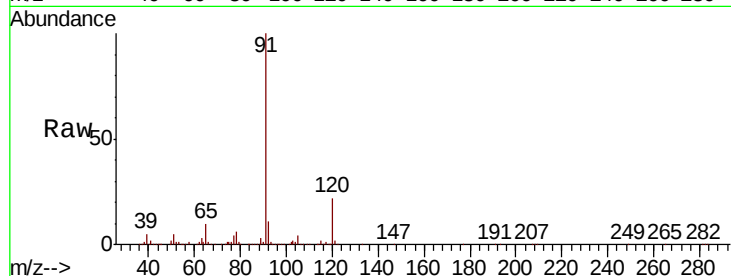
SS050MW641-200528MS

Tot Ion: 91 Resp: 924043

Ion Ratio Lower Upper

91 100

120 22.6 11.6 34.7



#79

2-Chlorotoluene

Concen: 47.911 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016549.D

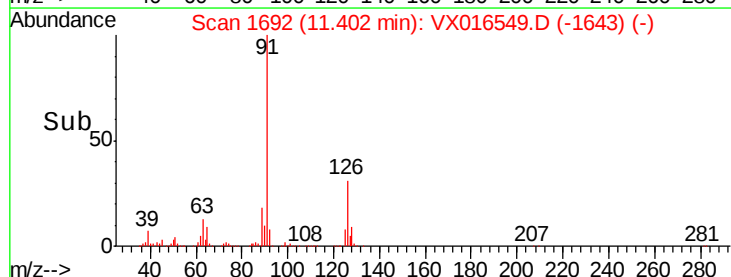
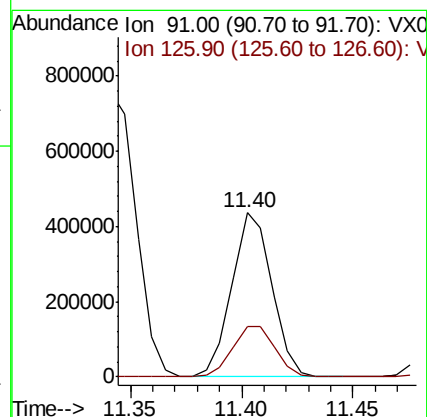
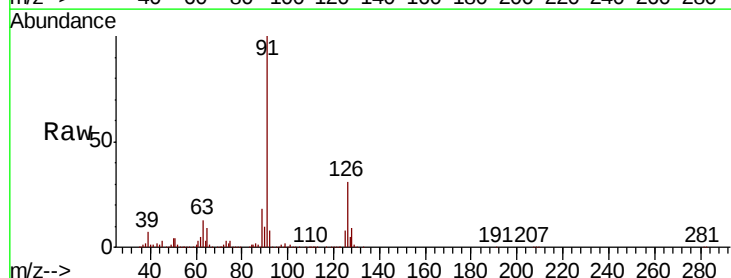
Acq: 02 Jun 2020 12:18

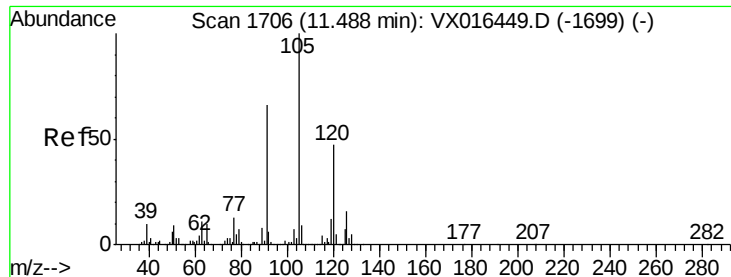
Tgt Ion: 91 Resp: 547951

Ion Ratio Lower Upper

91 100

126 33.0 16.8 50.3





#80

1,3,5-Trimethylbenzene

Concen: 47.961 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

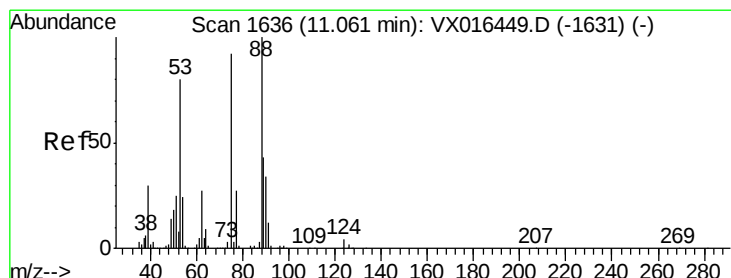
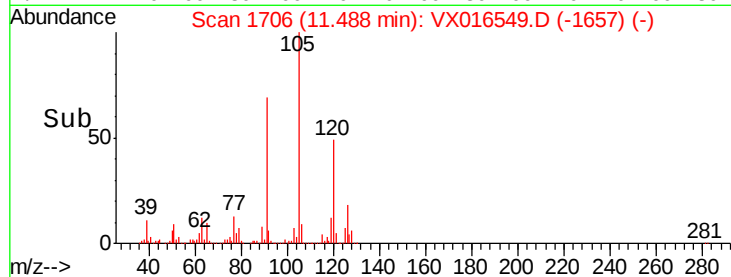
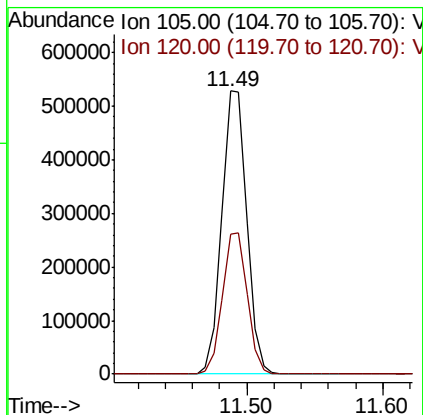
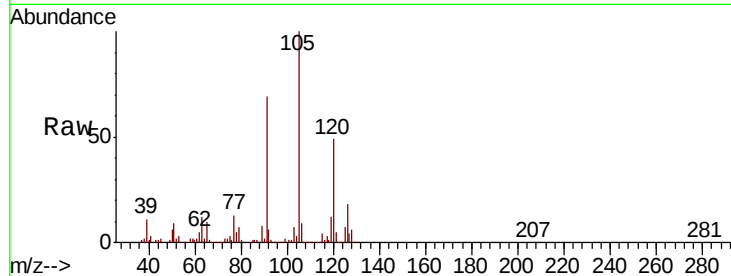
SS050MW641-200528MS

Tot Ion:105 Resp: 671610

Ion Ratio Lower Upper

105 100

120 49.6 24.3 72.8



#81

trans-1,4-Dichloro-2-butene

Concen: 51.035 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

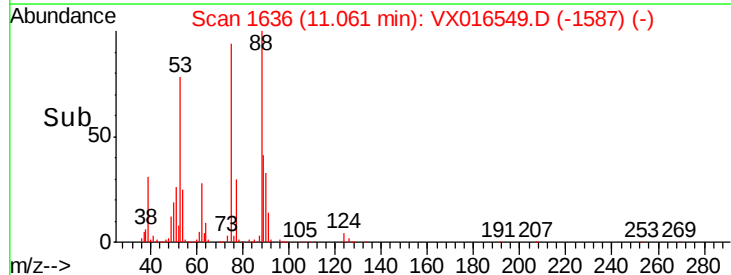
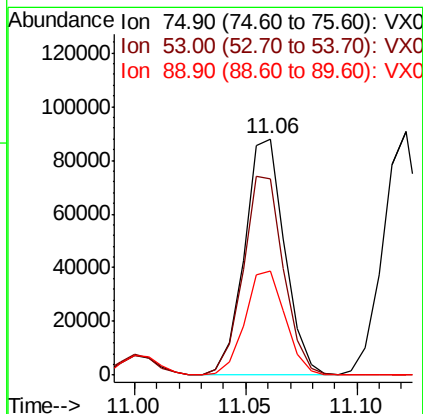
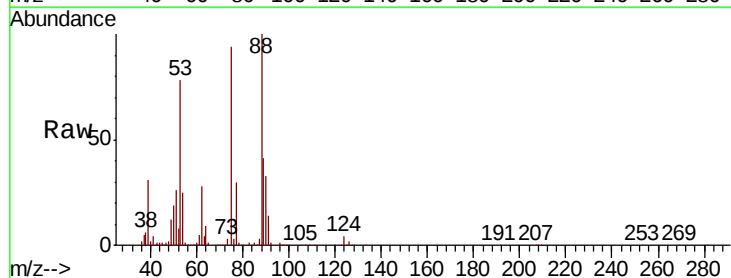
Tgt Ion: 75 Resp: 110381

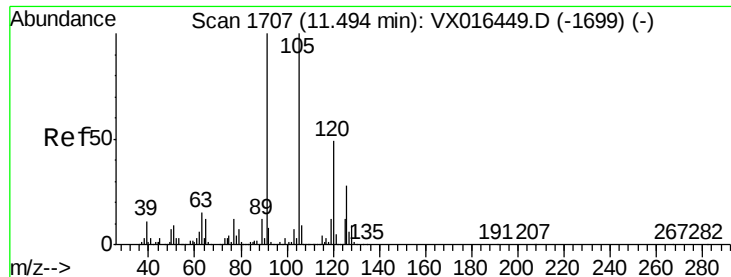
Ion Ratio Lower Upper

75 100

53 85.5 71.3 106.9

89 44.6 36.6 55.0





#82

4-Chlorotoluene

Concen: 47.184 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

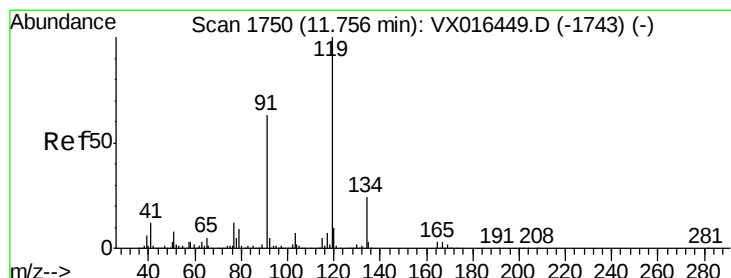
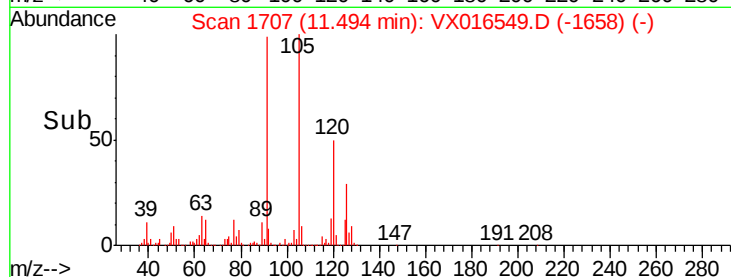
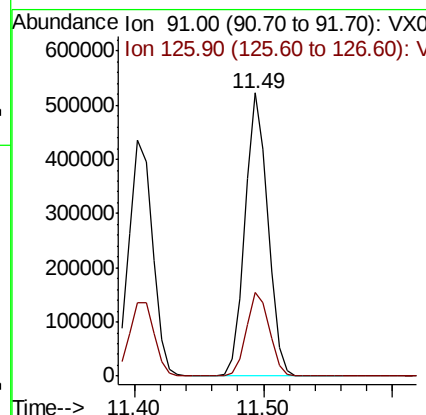
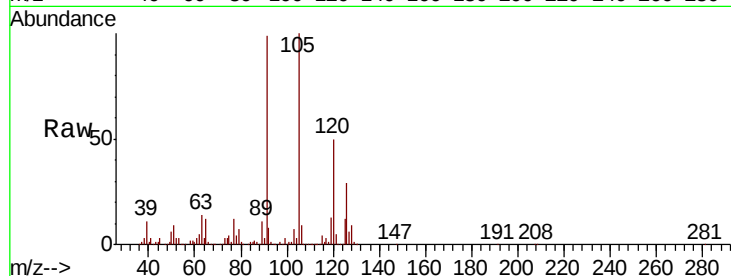
SS050MW641-200528MS

Tot Ion: 91 Resp: 637249

Ion Ratio Lower Upper

91 100

126 29.7 14.7 44.1



#83

tert-Butylbenzene

Concen: 51.016 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

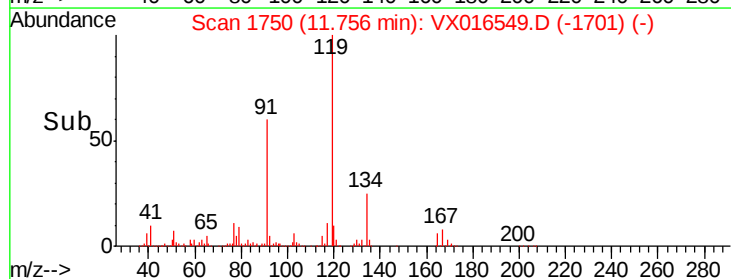
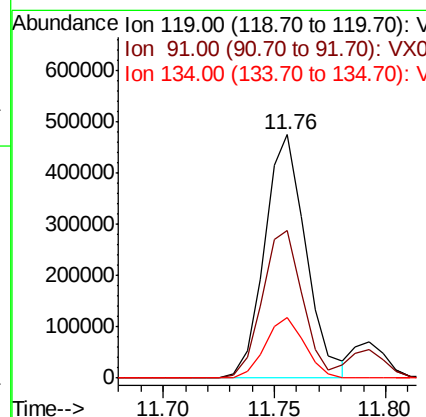
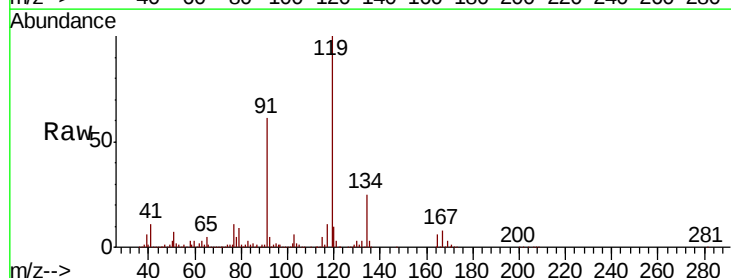
Tgt Ion: 119 Resp: 610416

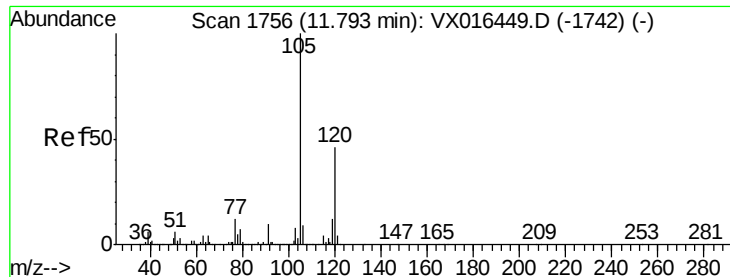
Ion Ratio Lower Upper

119 100

91 59.0 31.3 93.8

134 23.5 12.0 36.0

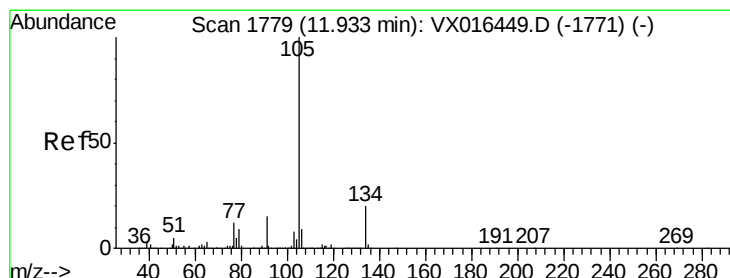
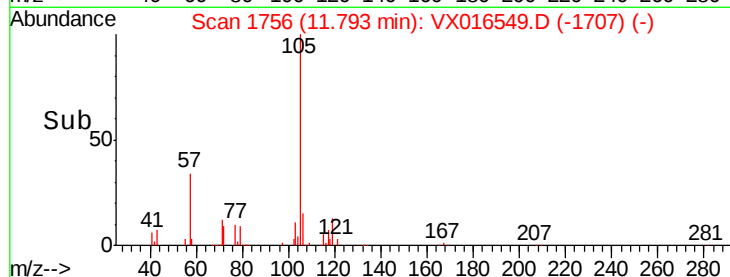
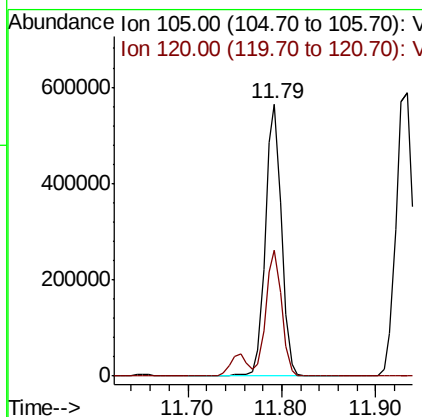
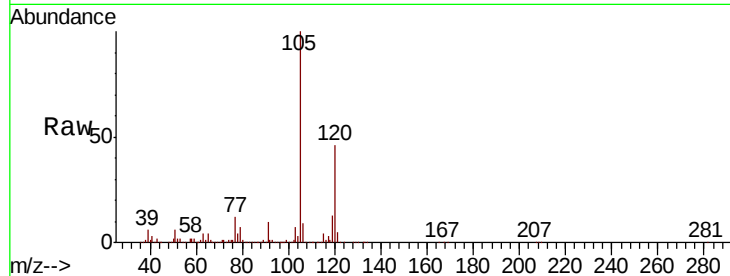




#84
 1,2,4-Trimethylbenzene
 Concen: 48.193 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

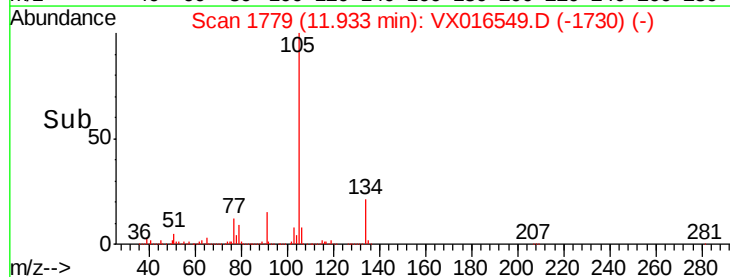
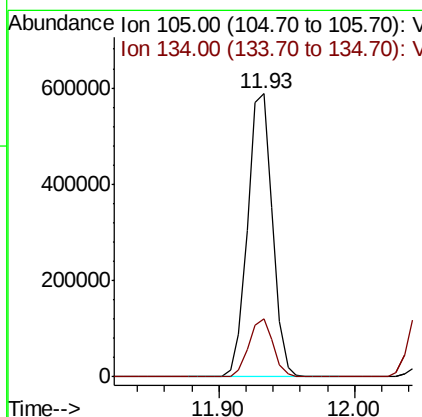
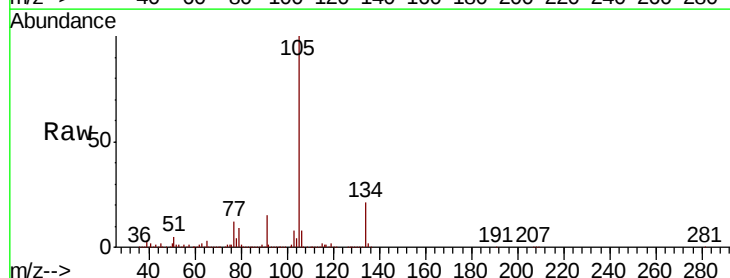
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MS

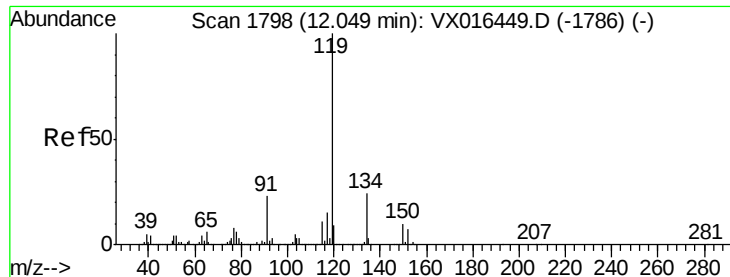
Tot Ion:105 Resp: 682506
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 50.180 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Tgt Ion:105 Resp: 753203
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3

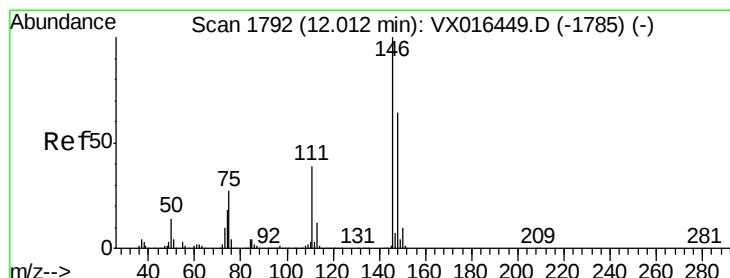
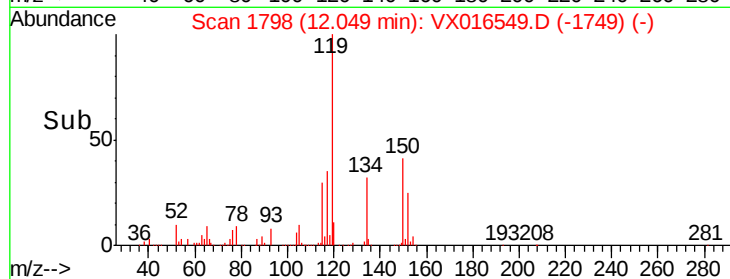
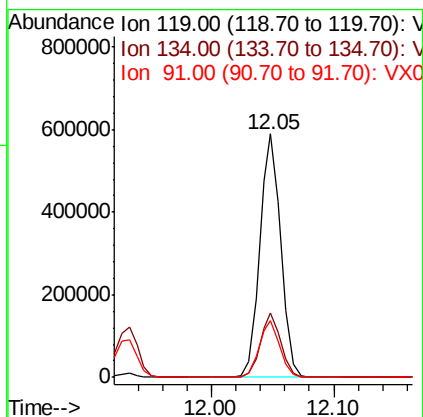
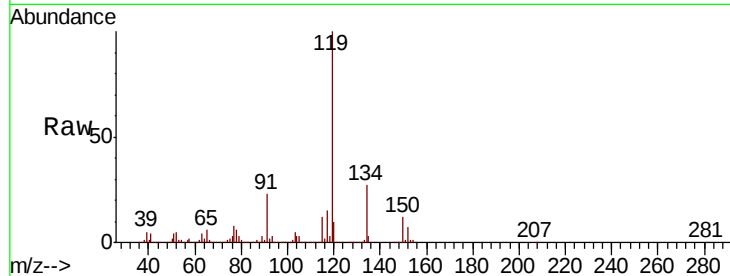




#86
p-Isopropyltoluene
Concen: 50.226 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

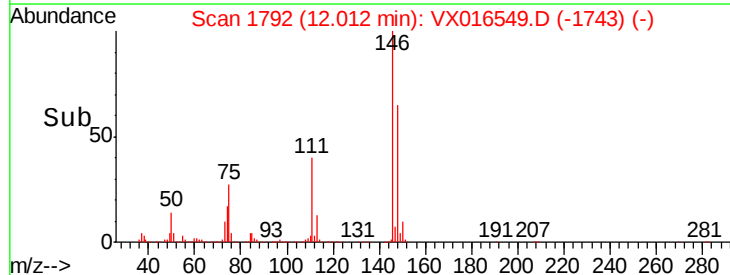
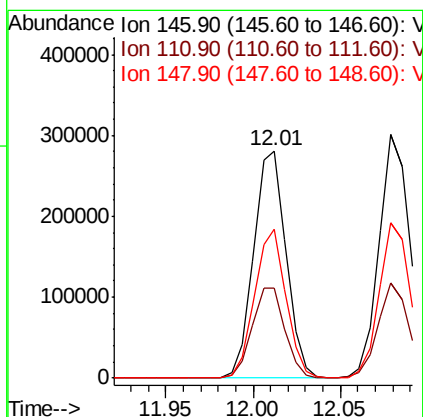
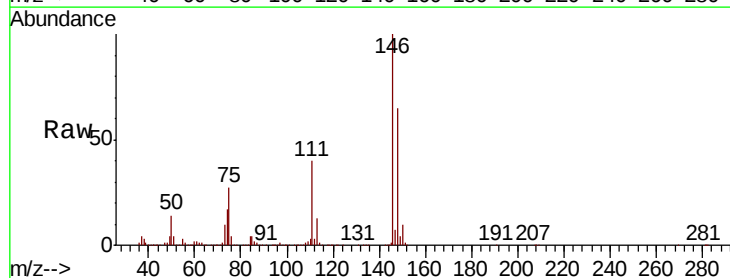
Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MS

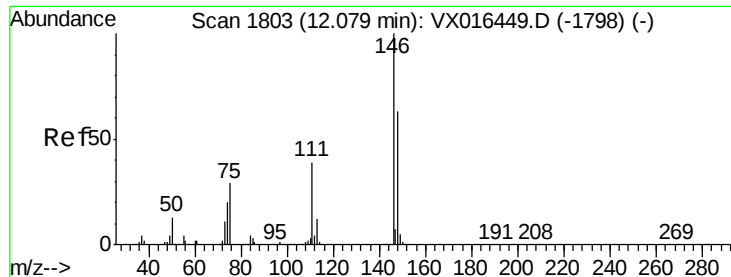
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.7	38.0
91	23.0	11.7	35.0



#87
1,3-Dichlorobenzene
Concen: 47.511 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016549.D
Acq: 02 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	60.0
148	63.3	31.9	95.5

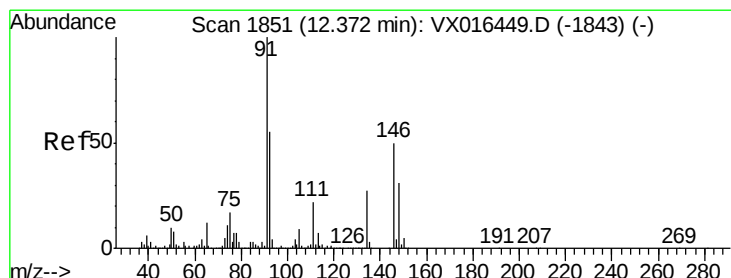
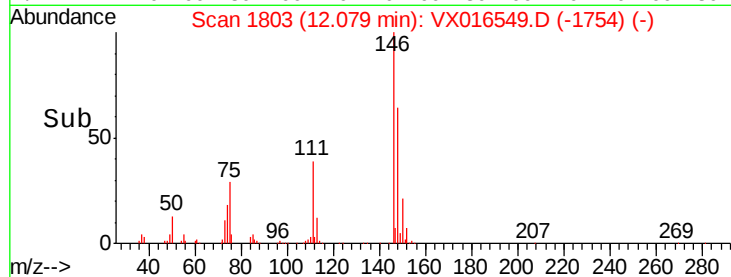
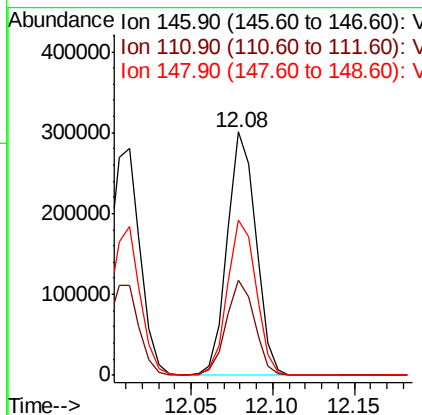
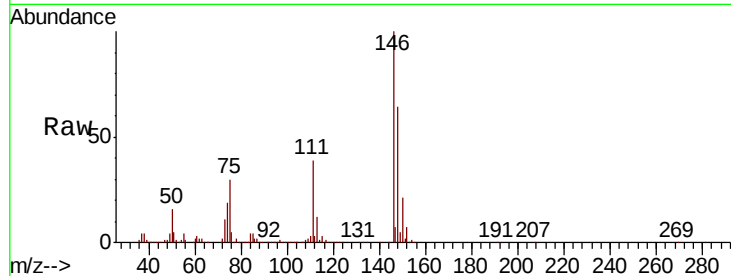




#88
 1,4-Dichlorobenzene
 Concen: 47.158 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

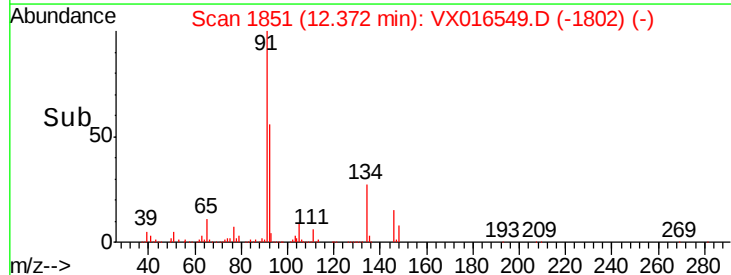
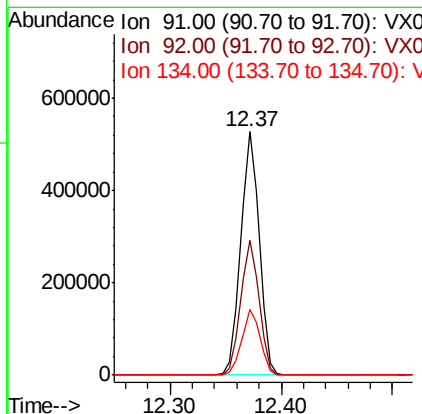
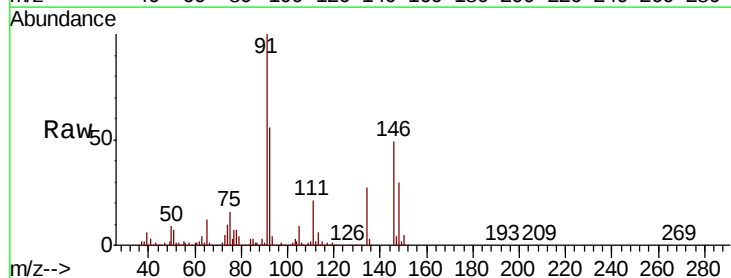
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MS

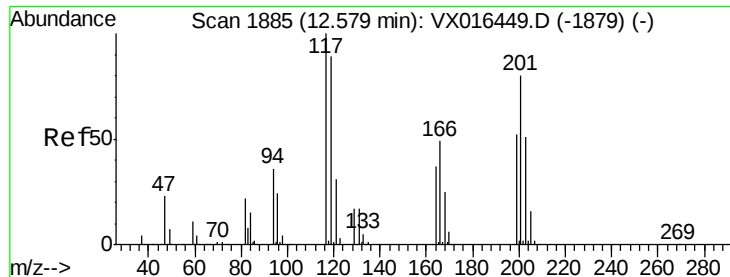
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.2
148	64.0	31.4	94.3



#89
 n-Butylbenzene
 Concen: 51.871 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.2	81.5
134	26.8	13.1	39.3





#90

Hexachloroethane

Concen: 50.618 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

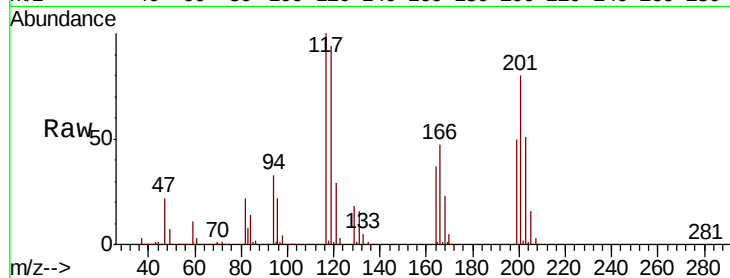
SS050MW641-200528MS

Tot Ion:117 Resp: 122932

Ion Ratio Lower Upper

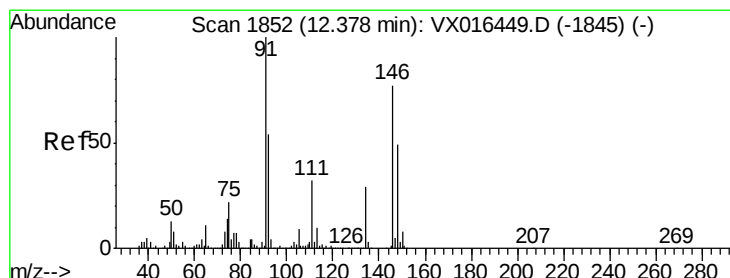
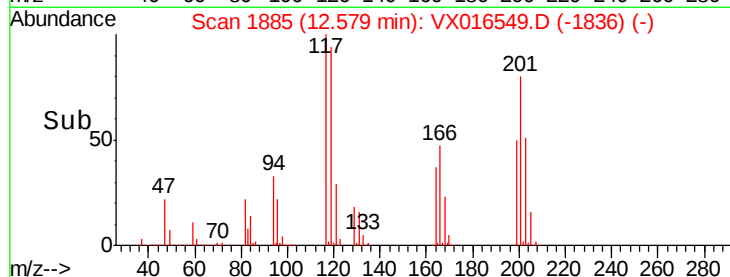
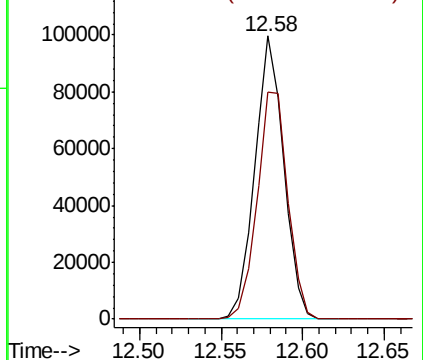
117 100

201 85.3 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 47.975 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

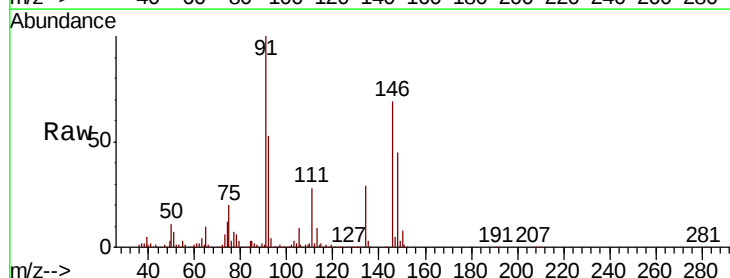
Tgt Ion:146 Resp: 354206

Ion Ratio Lower Upper

146 100

111 41.5 21.4 64.3

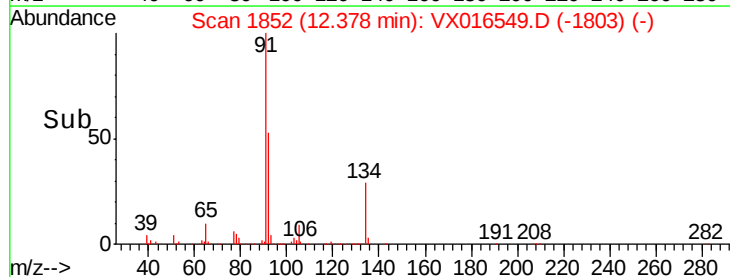
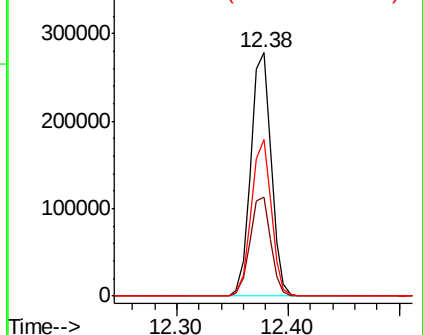
148 63.4 31.9 95.7

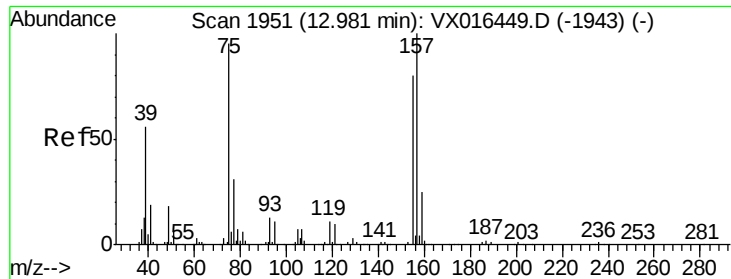


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.231 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

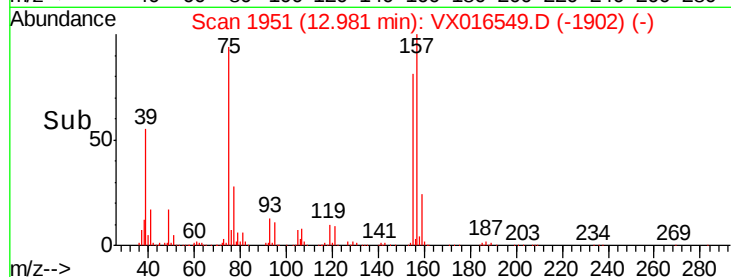
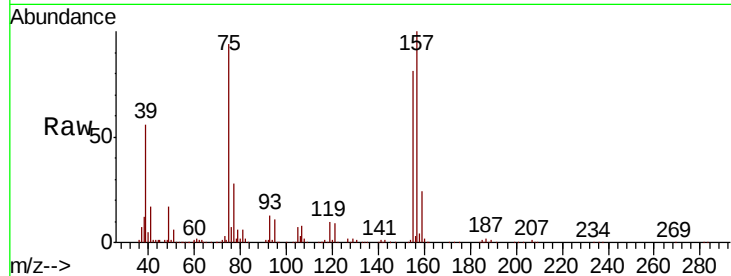
Tot Ion: 75 Resp: 72470

Ion	Ratio	Lower	Upper
75	100		
155	90.9	44.1	132.4
157	116.0	57.8	173.3

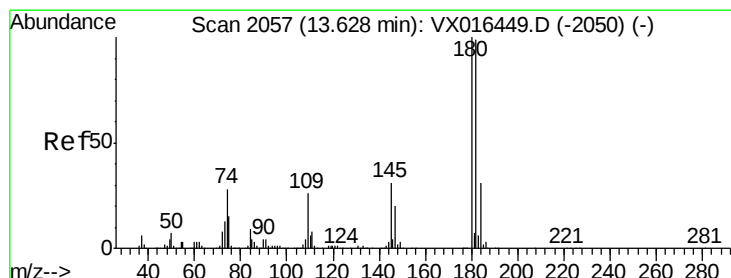
75 100

155 90.9 44.1 132.4

157 116.0 57.8 173.3



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 50.943 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

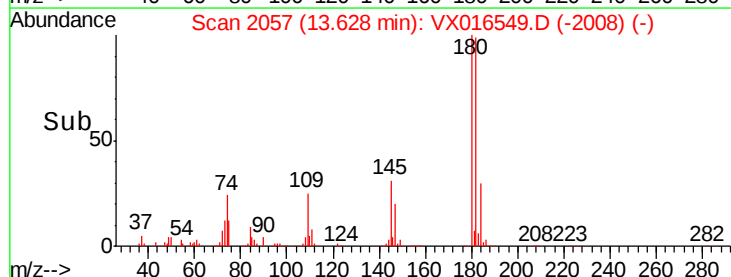
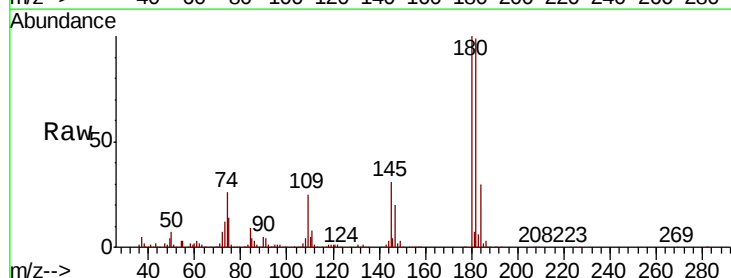
Tgt Ion:180 Resp: 249796

Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.3	144.8
145	30.5	15.4	46.2

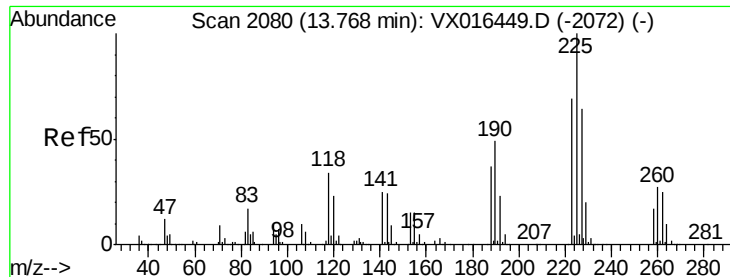
180 100

182 96.2 48.3 144.8

145 30.5 15.4 46.2



Time-->



#94

Hexachlorobutadiene

Concen: 52.774 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MS

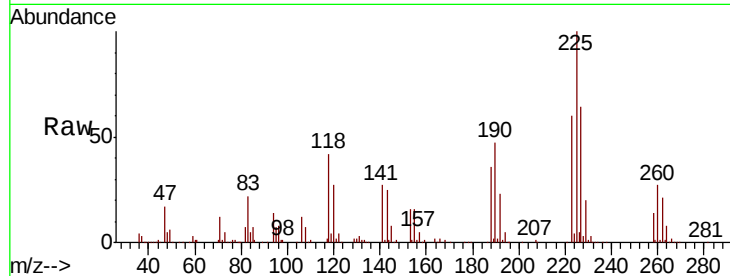
Tot Ion:225 Resp: 101602

Ion Ratio Lower Upper

225 100

223 64.3 32.3 96.8

227 66.3 31.6 94.7

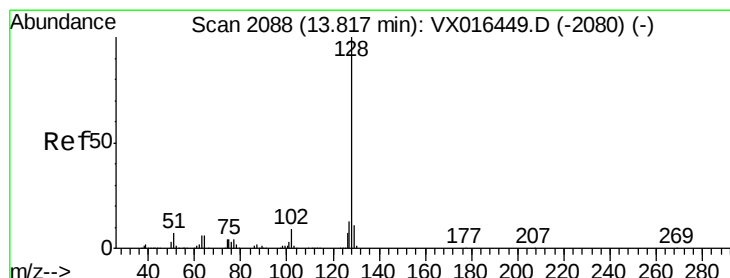
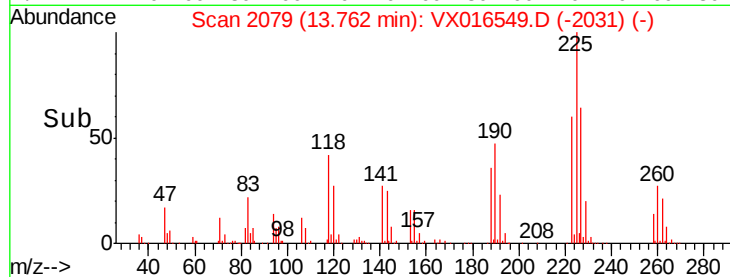
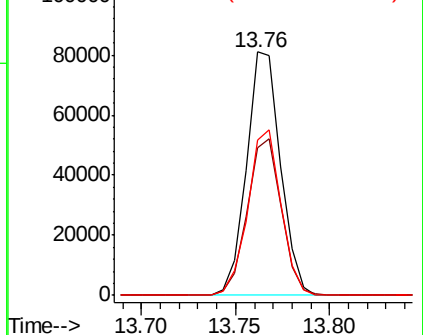


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 51.071 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016549.D

Acq: 02 Jun 2020 12:18

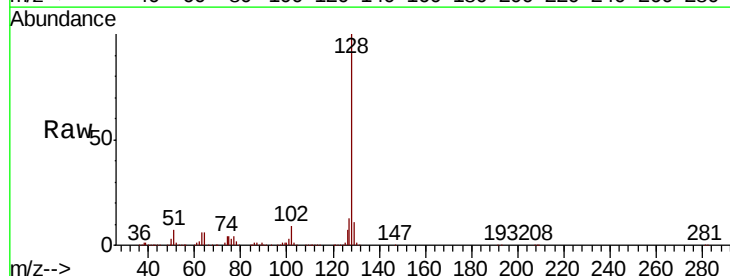
Tgt Ion:128 Resp: 858494

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

129 10.8 8.6 13.0

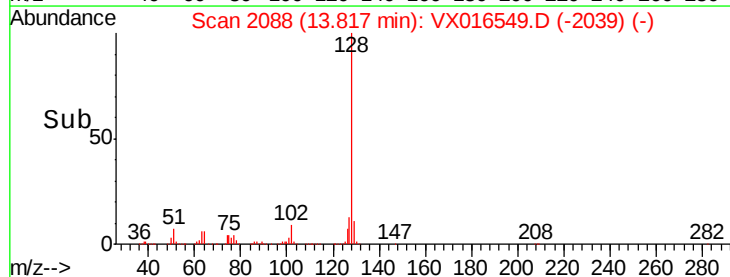
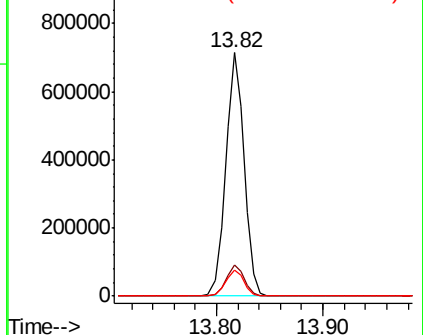


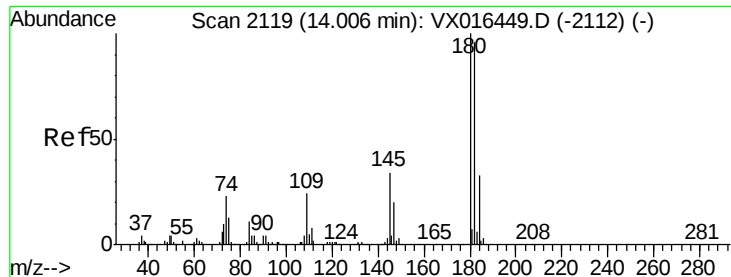
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 51.474 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016549.D
 Acq: 02 Jun 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	48.6	145.8
145	31.9	16.6	49.8

