

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050720\
 Data File : VX016106.D
 Acq On : 07 May 2020 19:51
 Operator : JC/SP
 Sample : L2543-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MSD

Quant Time: May 08 02:06:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	279527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	449299	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	423694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216851	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	180276	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
35) Dibromofluoromethane	5.47	113	141728	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	8.70	98	551645	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.12	95	213378	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	148347	50.139	ug/l	99
3) Chloromethane	1.31	50	165721	48.230	ug/l	100
4) Vinyl Chloride	1.39	62	184854	50.425	ug/l	100
5) Bromomethane	1.62	94	89601	48.481	ug/l	100
6) Chloroethane	1.71	64	107709	48.289	ug/l	99
7) Trichlorofluoromethane	1.91	101	230983	47.994	ug/l	98
8) Diethyl Ether	2.17	74	96090	47.385	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	136392	49.120	ug/l	100
10) Methyl Iodide	2.49	142	177114	47.487	ug/l	100
11) Tert butyl alcohol	3.02	59	218034	234.409	ug/l	100
12) 1,1-Dichloroethene	2.36	96	139490	48.005	ug/l	96
13) Acrolein	2.27	56	126959	218.123	ug/l	99
14) Allyl chloride	2.71	41	256345	48.115	ug/l	98
15) Acrylonitrile	3.12	53	483918	250.788	ug/l	99
16) Acetone	2.42	43	399068	243.153	ug/l	97
17) Carbon Disulfide	2.55	76	419652	48.084	ug/l	98
18) Methyl Acetate	2.75	43	190746	47.269	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	508677	50.782	ug/l	99
20) Methylene Chloride	2.84	84	160100	47.320	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	156110	48.211	ug/l	99
22) Diisopropyl ether	3.82	45	503447	50.089	ug/l	99
23) Vinyl Acetate	3.79	43	2095726	236.997	ug/l	100
24) 1,1-Dichloroethane	3.67	63	283909	50.494	ug/l	99
25) 2-Butanone	4.64	43	670331	253.465	ug/l	99
26) 2,2-Dichloropropane	4.56	77	215871	42.041	ug/l	93
27) cis-1,2-Dichloroethene	4.57	96	315453	89.112	ug/l	94
28) Bromochloromethane	4.99	49	131687	51.364	ug/l	99
29) Tetrahydrofuran	5.09	42	439104	250.579	ug/l	100
30) Chloroform	5.18	83	281607	50.303	ug/l	99
31) Cyclohexane	5.55	56	254250	49.757	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	253809	49.877	ug/l	99
36) 1,1-Dichloropropene	5.77	75	213936	48.372	ug/l	99
37) Ethyl Acetate	4.80	43	239606	46.743	ug/l	100
38) Carbon Tetrachloride	5.76	117	222397	49.472	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	257877	48.417	ug/l	99
40) Benzene	6.12	78	646239	49.939	ug/l	98
41) Methacrylonitrile	5.01	41	140340	50.695	ug/l	99
42) 1,2-Dichloroethane	6.17	62	228928	49.109	ug/l	99
43) Isopropyl Acetate	6.42	43	393446	48.106	ug/l	100
44) Trichloroethene	7.19	130	213270	46.390	ug/l	95
45) 1,2-Dichloropropane	7.49	63	169223	51.680	ug/l	98
46) Dibromomethane	7.64	93	110693	49.745	ug/l	100
47) Bromodichloromethane	7.88	83	230163	50.787	ug/l	98
48) Methyl methacrylate	7.75	41	193898	50.032	ug/l	97
49) 1,4-Dioxane	7.71	88	81818	880.260	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1287299	257.205	ug/l	99
52) Toluene	8.77	92	406546	50.402	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	262810	48.637	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	273123	48.392	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	161639	50.934	ug/l	95
56) Ethyl methacrylate	9.16	69	269157	51.959	ug/l	98
57) 1,3-Dichloropropane	9.35	76	281880	50.904	ug/l	99
59) 2-Hexanone	9.48	43	1007339	256.287	ug/l	99
60) Dibromochloromethane	9.57	129	182070	52.092	ug/l	99
61) 1,2-Dibromoethane	9.65	107	172328	50.132	ug/l	98
64) Tetrachloroethene	9.32	164	240899	46.314	ug/l	99
65) Chlorobenzene	10.12	112	921755	103.899	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	162273	49.488	ug/l	99
67) Ethyl Benzene	10.24	91	771319	48.727	ug/l	100
68) m/p-Xylenes	10.34	106	583498	98.387	ug/l	99
69) o-Xylene	10.68	106	285846	50.142	ug/l	99
70) Styrene	10.70	104	491107	50.779	ug/l	99
71) Bromoform	10.84	173	138272	51.757	ug/l	99
73) Isopropylbenzene	11.01	105	773202	49.022	ug/l	98
74) N-amyl acetate	10.88	43	334219	45.429	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	178228	56.578	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	321944	65.424	ug/l	83
77) Bromobenzene	11.24	156	191127	46.947	ug/l	98
78) n-propylbenzene	11.35	91	877379	47.816	ug/l	100
79) 2-Chlorotoluene	11.41	91	515664	47.611	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	640884	48.125	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	96727	46.843	ug/l	99
82) 4-Chlorotoluene	11.49	91	609889	47.685	ug/l	100
83) tert-Butylbenzene	11.76	119	591828	51.568	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	653034	48.504	ug/l	100
85) sec-Butylbenzene	11.93	105	781716	50.448	ug/l	97
86) p-Isopropyltoluene	12.05	119	686791	47.737	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	344886	47.181	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	348212	46.933	ug/l	99
89) n-Butylbenzene	12.37	91	614640	46.765	ug/l	99
90) Hexachloroethane	12.58	117	120627	48.821	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	332370	47.220	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60824	46.899	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	238975	45.858	ug/l	98

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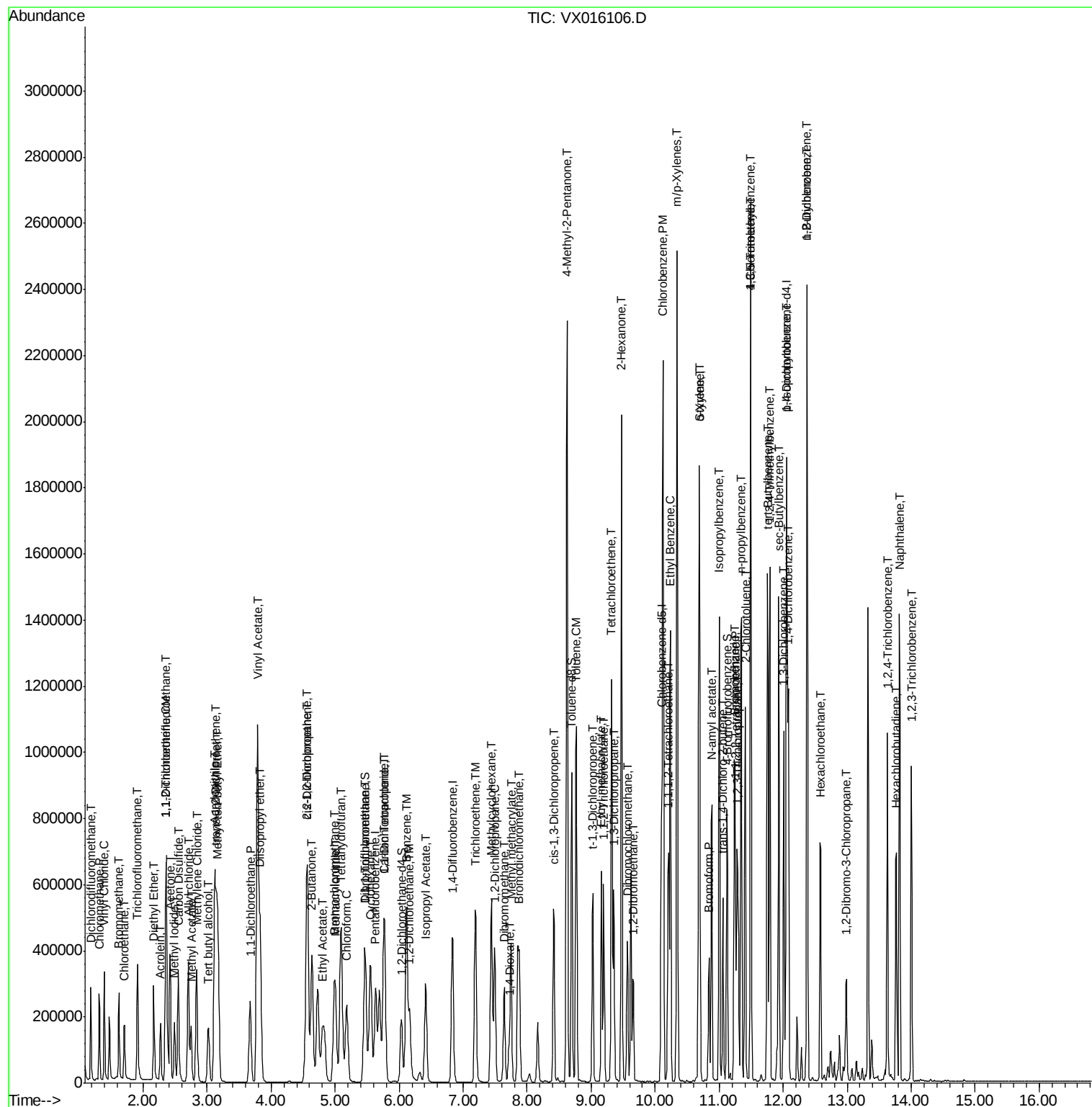
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	106802	47.621	ug/l	98
95) Naphthalene	13.82	128	807116	47.833	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	238099	46.751	ug/l	99

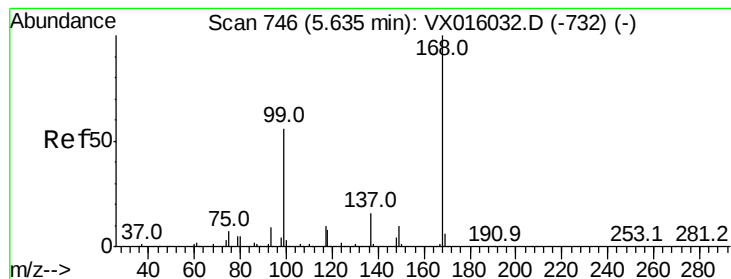
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050720\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

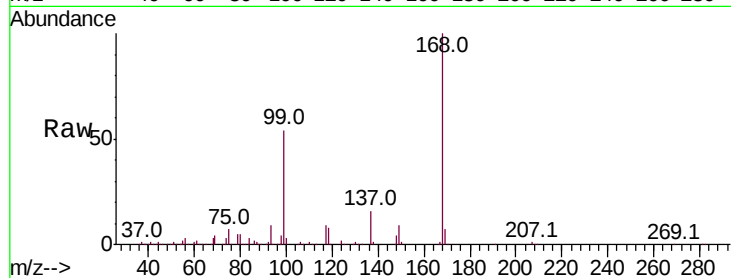
SS038RW151-200503MSD

Tot Ion:168 Resp: 279527

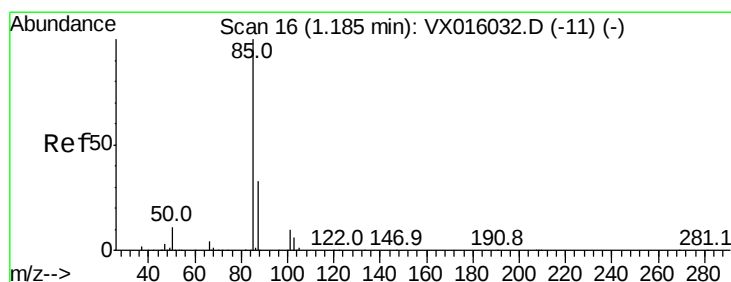
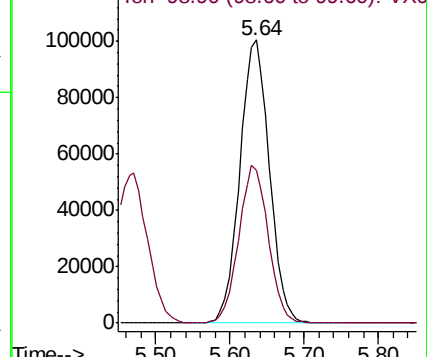
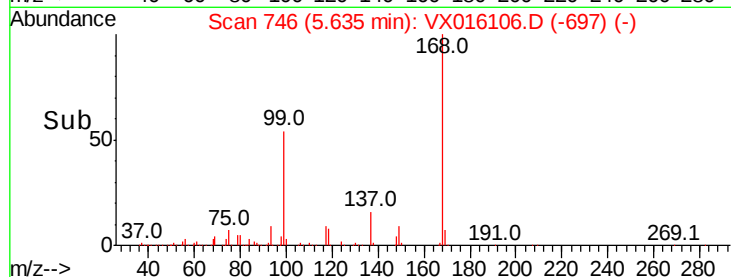
Ion Ratio Lower Upper

168 100

99 53.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VX016106.D (-697) (-)



#2

Dichlorodifluoromethane

Concen: 50.139 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016106.D

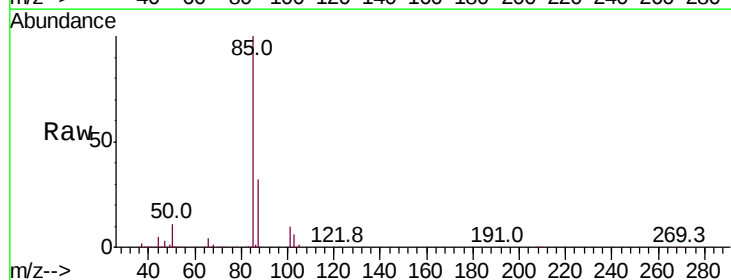
Acq: 07 May 2020 19:51

Tgt Ion: 85 Resp: 148347

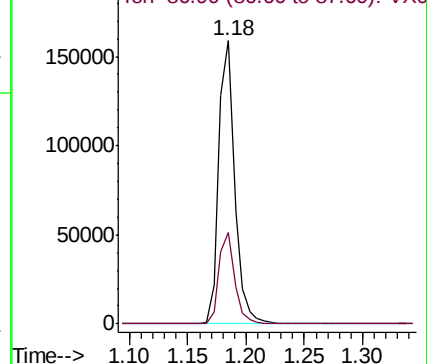
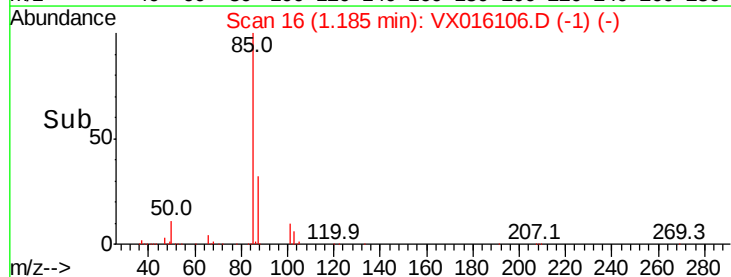
Ion Ratio Lower Upper

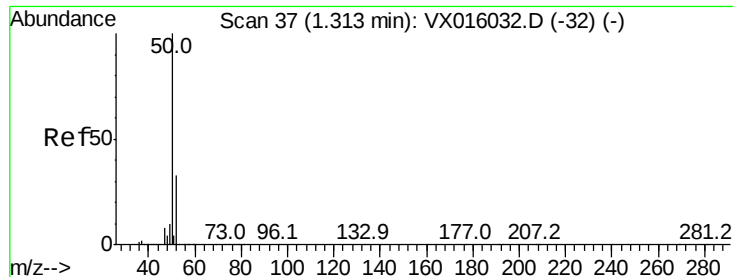
85 100

87 32.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX016106.D (-1) (-)





#3

Chloromethane

Concen: 48.230 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

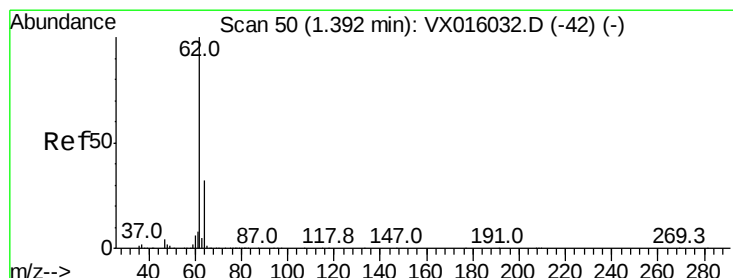
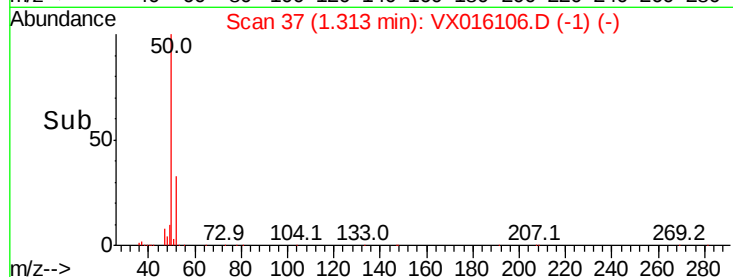
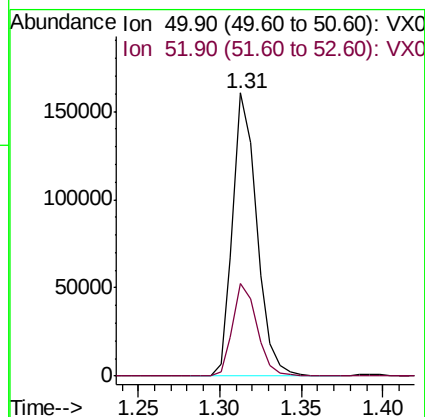
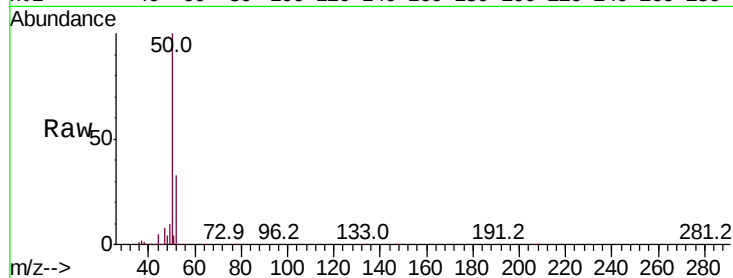
SS038RW151-200503MSD

Tot Ion: 50 Resp: 165721

Ion Ratio Lower Upper

50 100

52 32.7 26.1 39.1



#4

Vinyl Chloride

Concen: 50.425 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016106.D

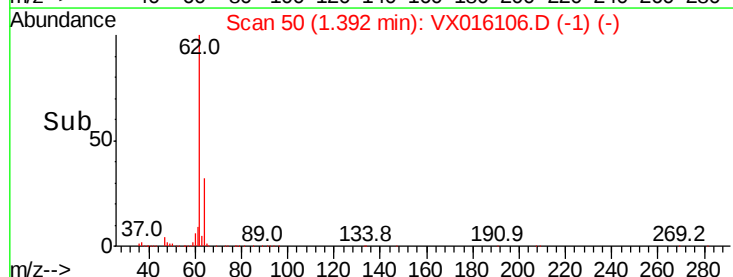
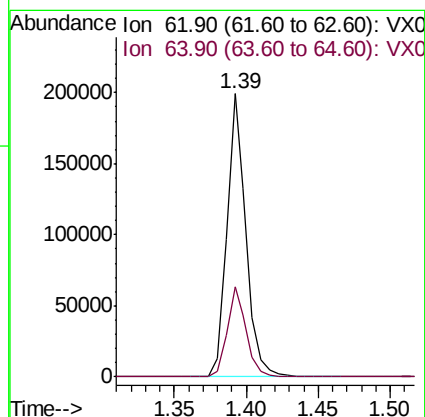
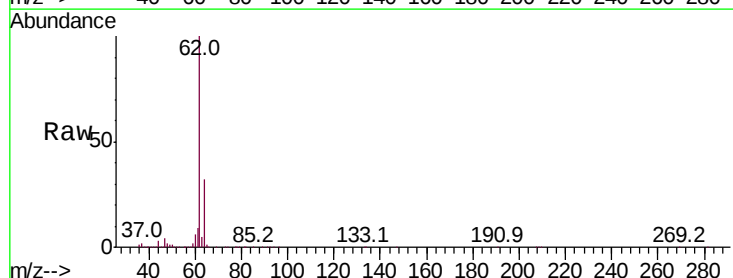
Acq: 07 May 2020 19:51

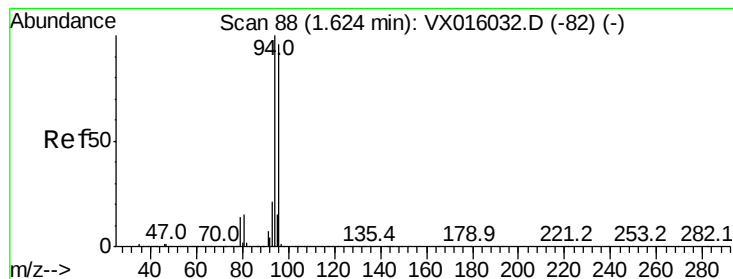
Tgt Ion: 62 Resp: 184854

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 48.481 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

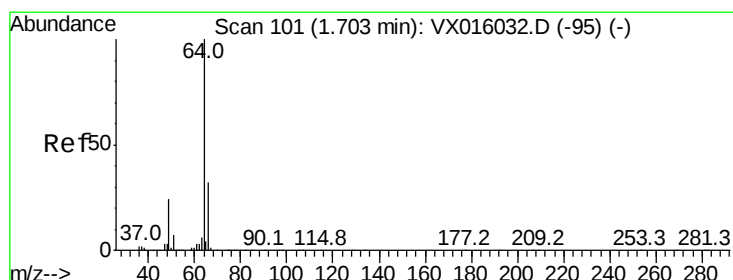
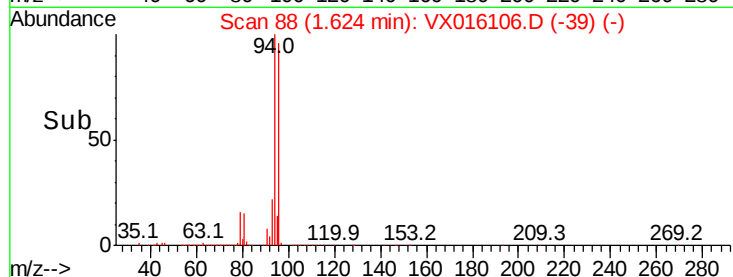
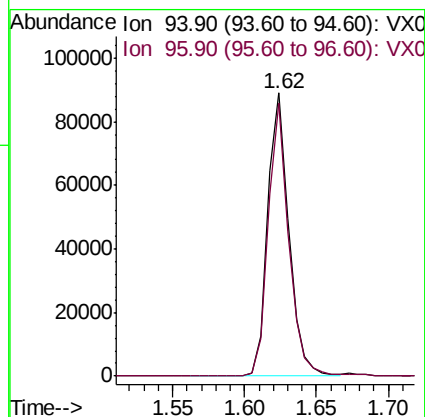
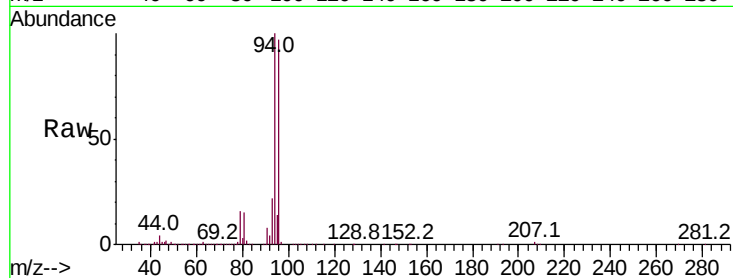
SS038RW151-200503MSD

Tot Ion: 94 Resp: 89601

Ion Ratio Lower Upper

94 100

96 96.5 76.9 115.3



#6

Chloroethane

Concen: 48.289 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016106.D

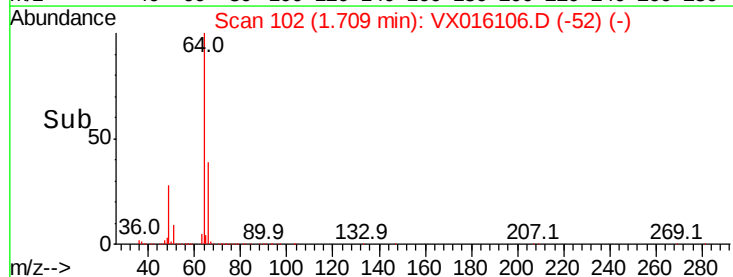
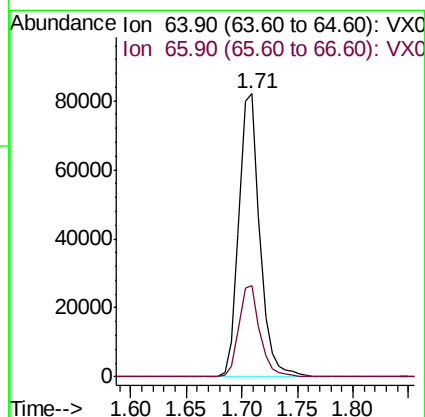
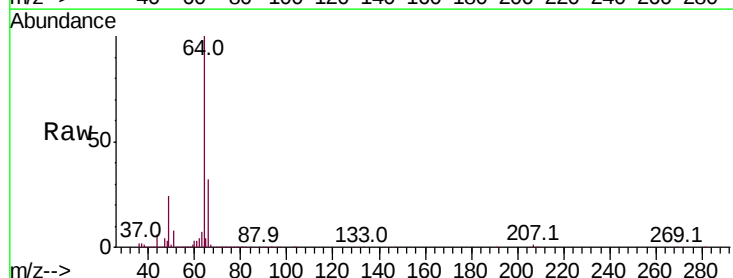
Acq: 07 May 2020 19:51

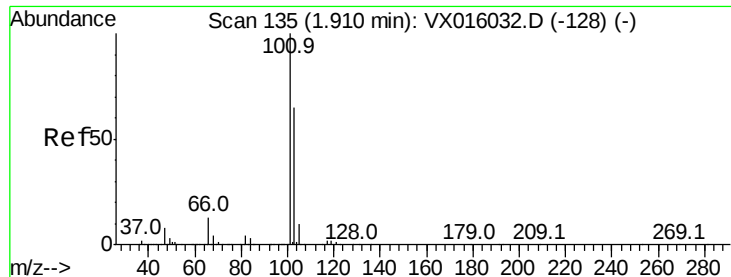
Tgt Ion: 64 Resp: 107709

Ion Ratio Lower Upper

64 100

66 32.1 25.2 37.8



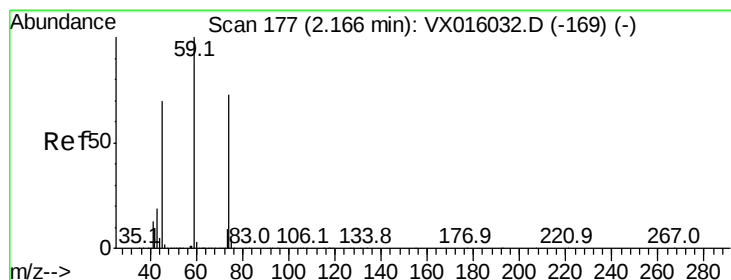
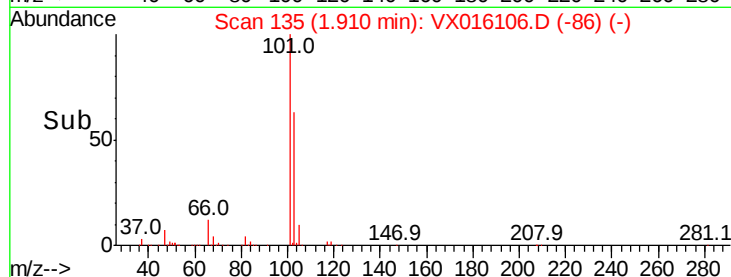
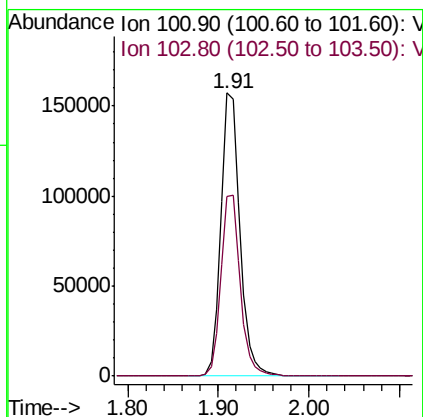
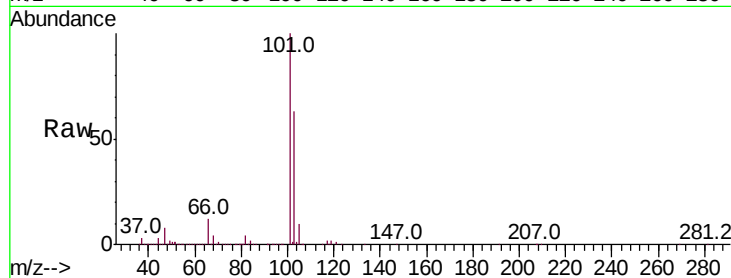


#7

Trichlorofluoromethane
 Concen: 47.994 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016106.D
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Instrument :
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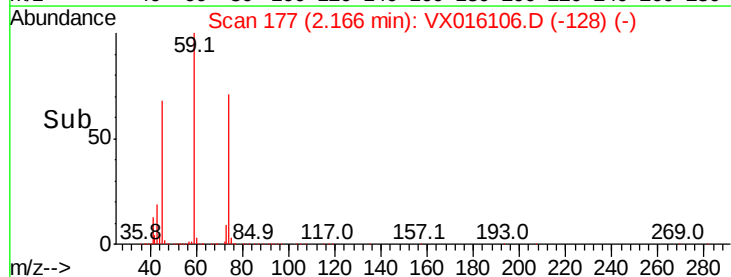
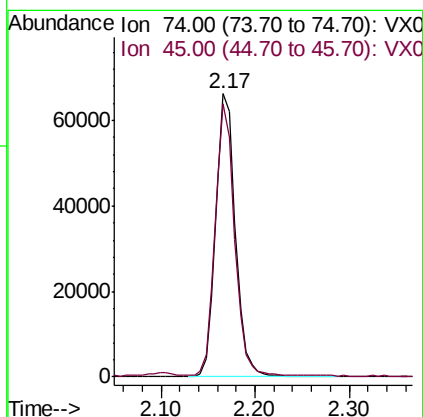
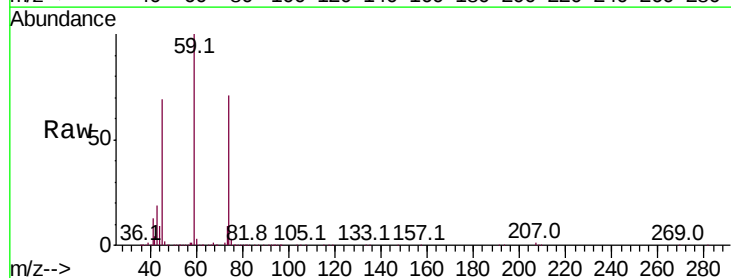
Tot Ion:101 Resp: 230983
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.8 77.6

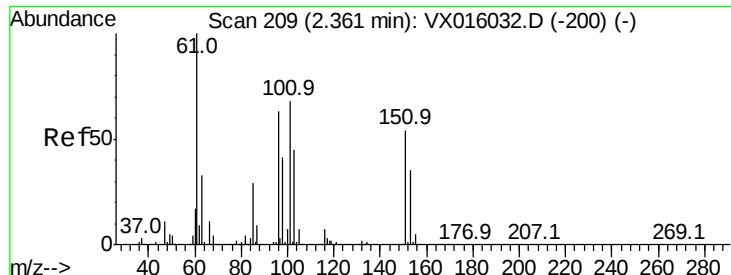


#8

Diethyl Ether
 Concen: 47.385 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016106.D
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Tgt Ion: 74 Resp: 96090
 Ion Ratio Lower Upper
 74 100
 45 94.5 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.120 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016106.D

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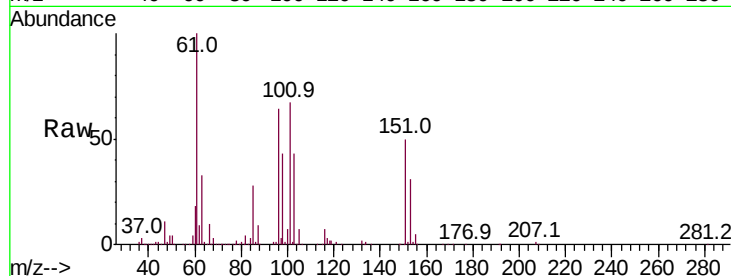
Tot Ion:101 Resp: 136392

Ion Ratio Lower Upper

101 100

85 43.0 34.2 51.4

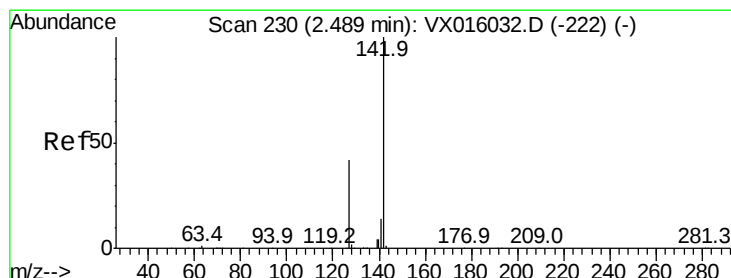
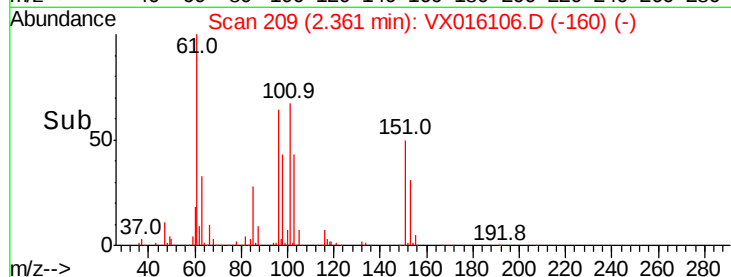
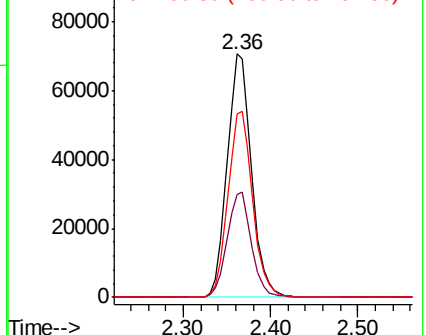
151 77.7 62.1 93.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.487 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

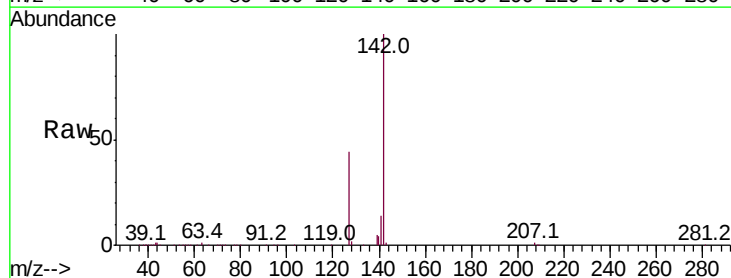
Tgt Ion:142 Resp: 177114

Ion Ratio Lower Upper

142 100

127 43.3 34.6 52.0

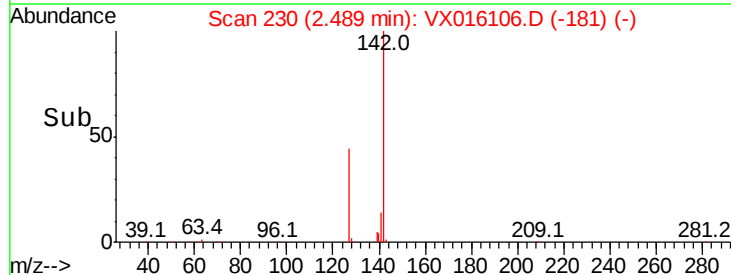
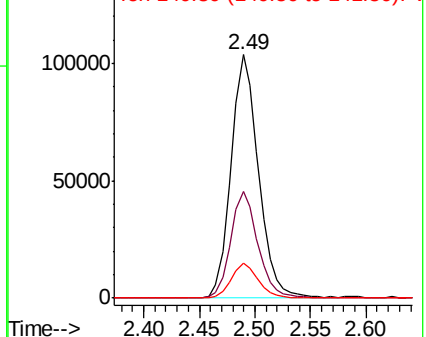
141 14.2 11.3 16.9

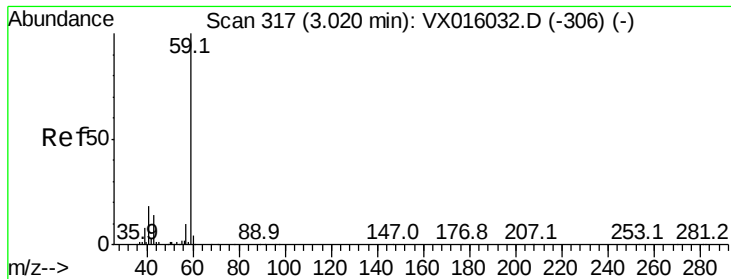


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



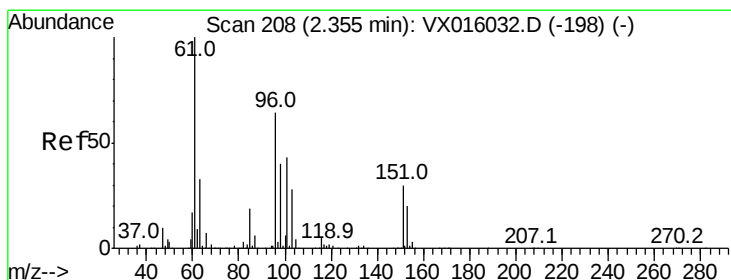
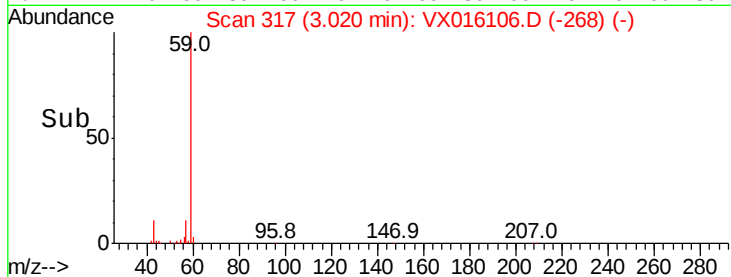
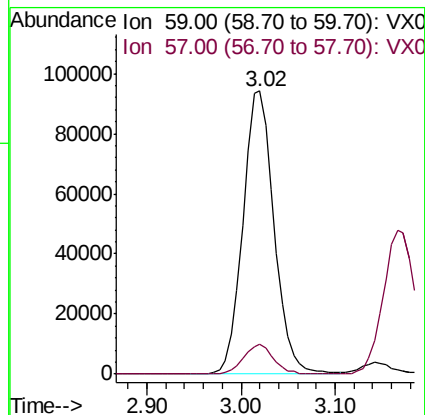
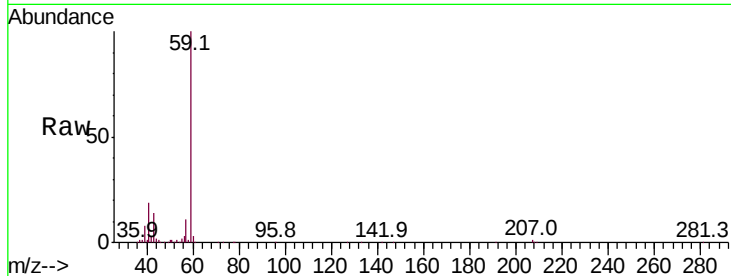


#11

Tert butyl alcohol
 Concen: 234.409 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MSD

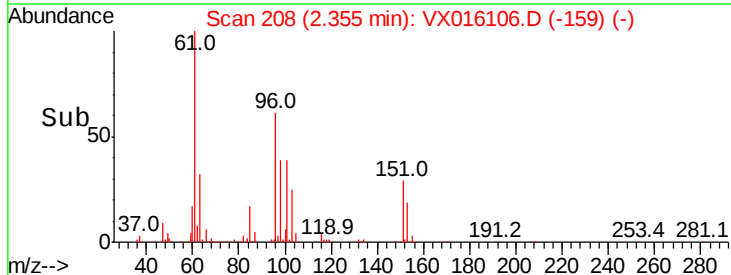
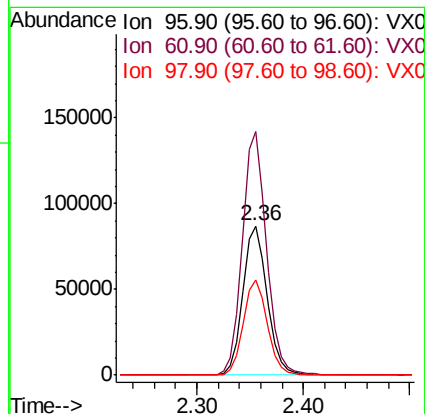
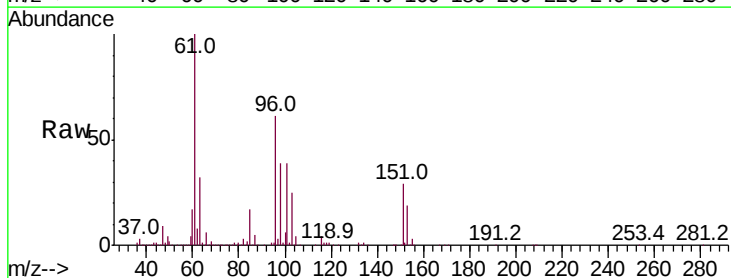
Tot Ion: 59 Resp: 218034
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

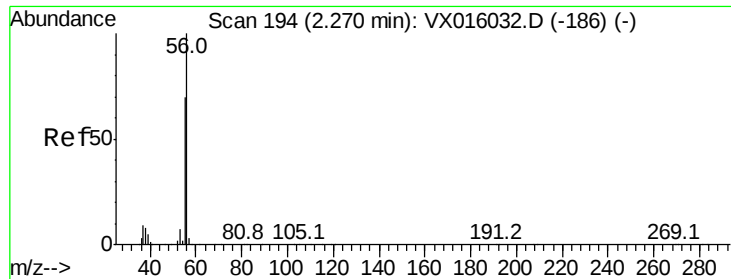


#12

1,1-Dichloroethene
 Concen: 48.005 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Tgt Ion: 96 Resp: 139490
 Ion Ratio Lower Upper
 96 100
 61 163.0 124.8 187.2
 98 63.7 49.7 74.5





#13

Acrolein

Concen: 218.123 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

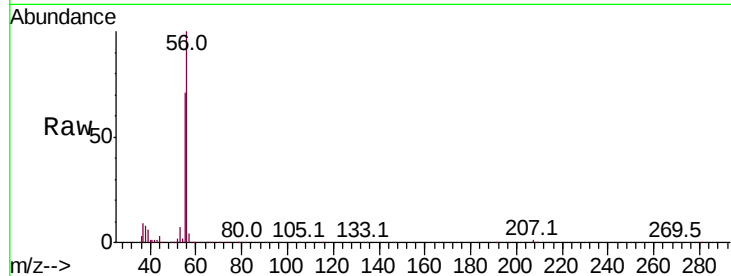
SS038RW151-200503MSD

Tot Ion: 56 Resp: 126959

Ion Ratio Lower Upper

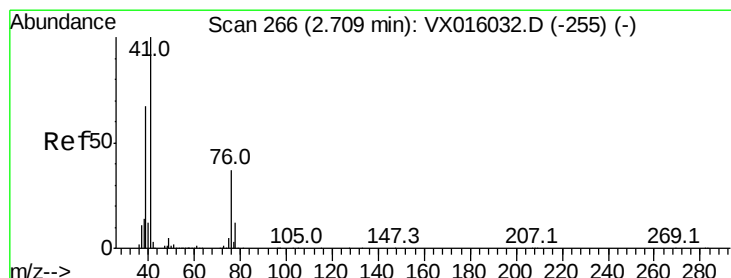
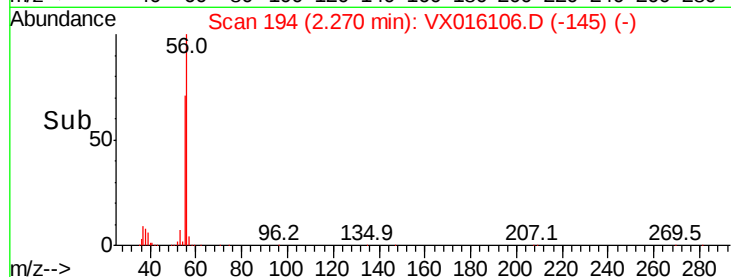
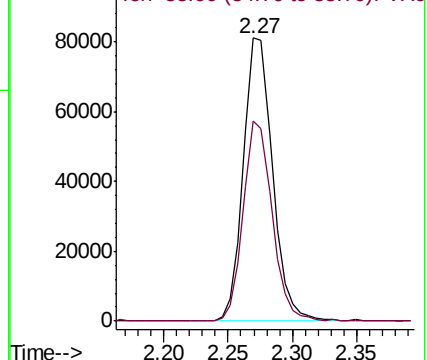
56 100

55 69.6 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.115 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

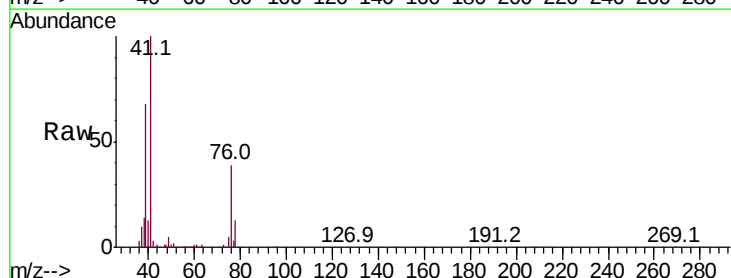
Tgt Ion: 41 Resp: 256345

Ion Ratio Lower Upper

41 100

39 61.0 50.5 75.7

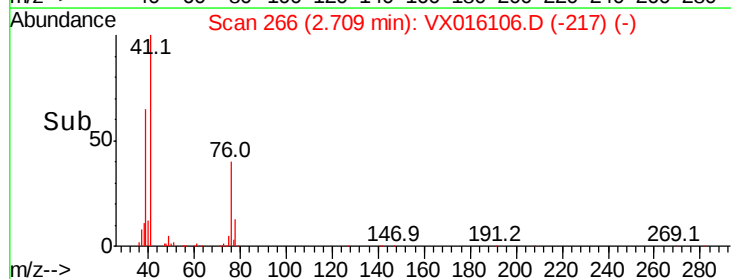
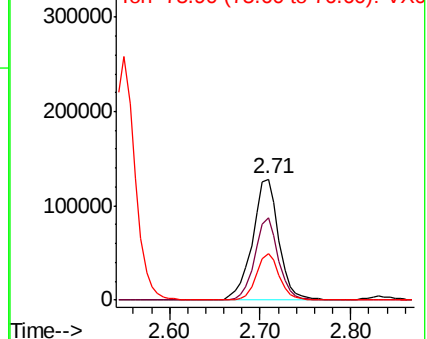
76 33.7 26.6 40.0

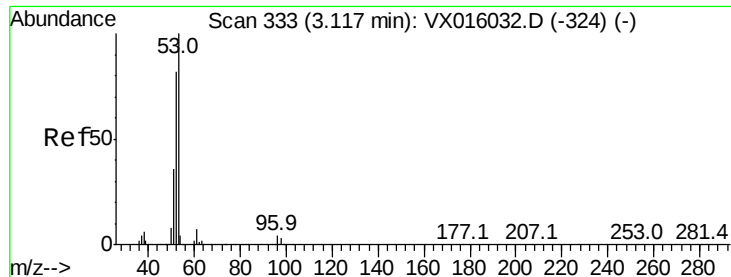


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 250.788 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

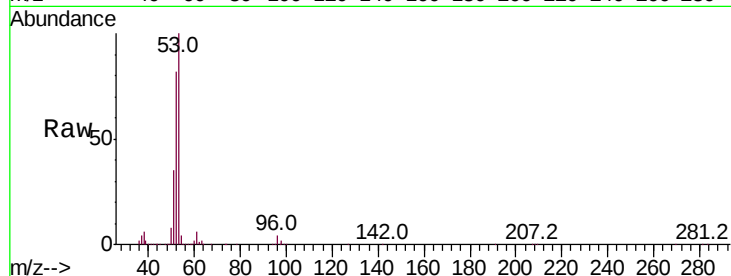
Tot Ion: 53 Resp: 483918

Ion Ratio Lower Upper

53 100

52 82.2 66.1 99.1

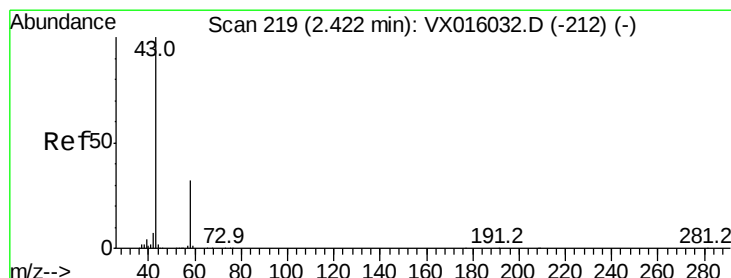
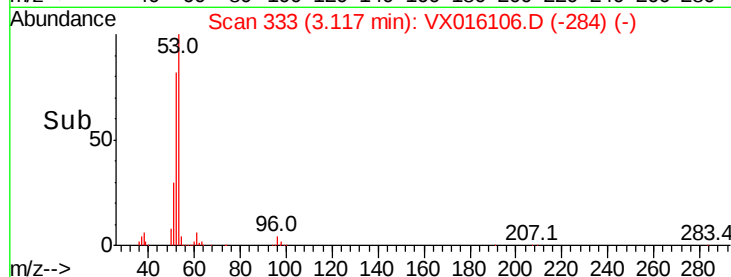
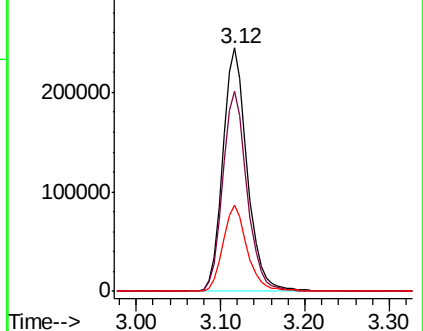
51 35.6 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 243.153 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016106.D

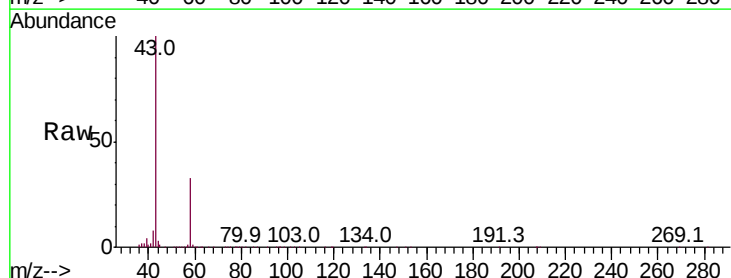
Acq: 07 May 2020 19:51

Tgt Ion: 43 Resp: 399068

Ion Ratio Lower Upper

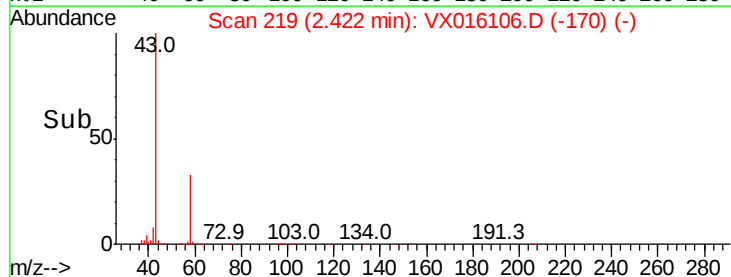
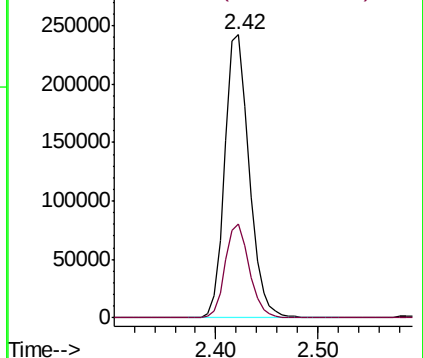
43 100

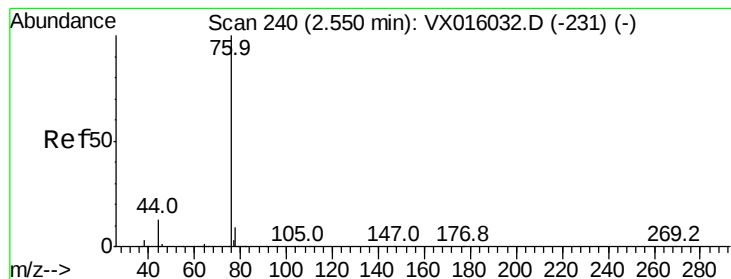
58 33.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.084 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

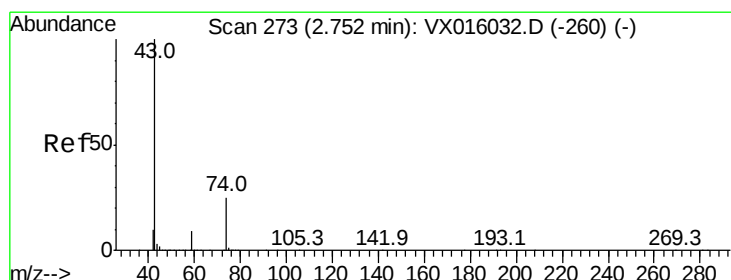
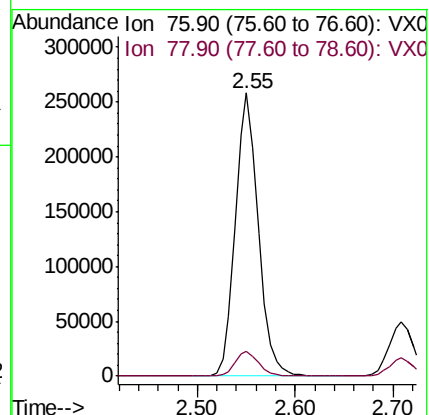
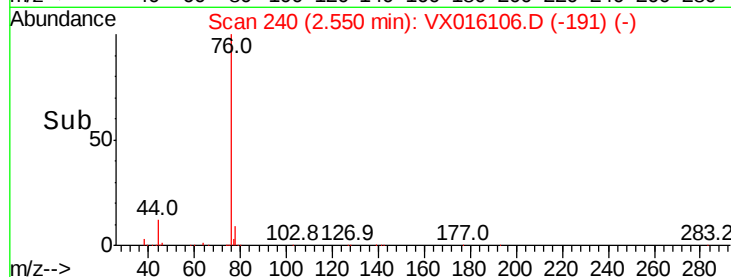
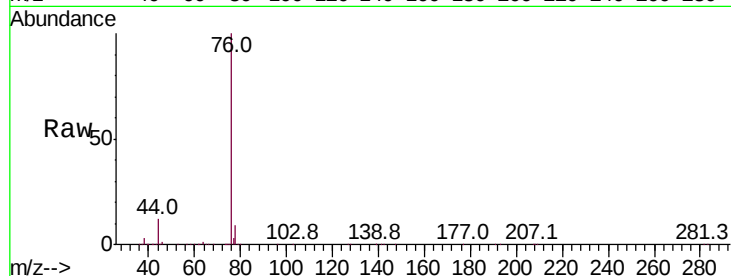
SS038RW151-200503MSD

Tot Ion: 76 Resp: 419652

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3



#18

Methyl Acetate

Concen: 47.269 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016106.D

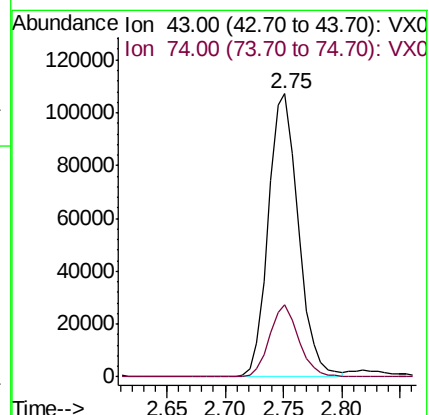
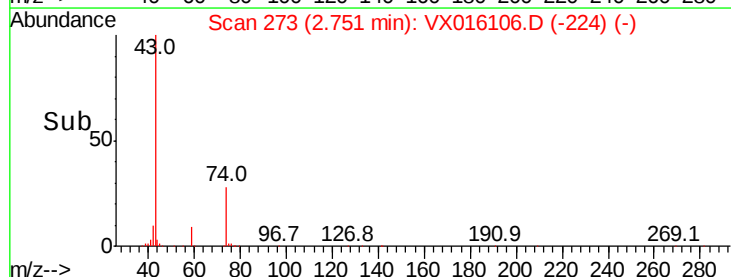
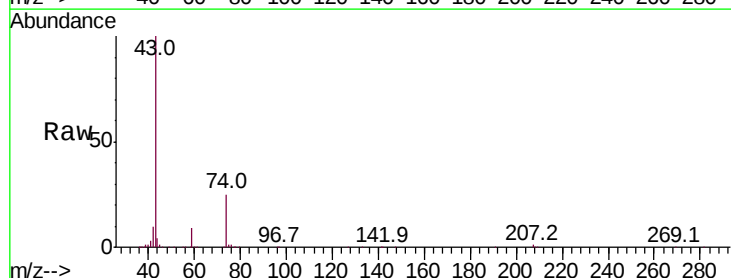
Acq: 07 May 2020 19:51

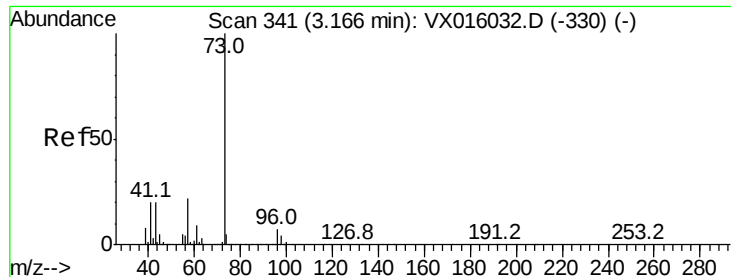
Tgt Ion: 43 Resp: 190746

Ion Ratio Lower Upper

43 100

74 25.1 20.2 30.2



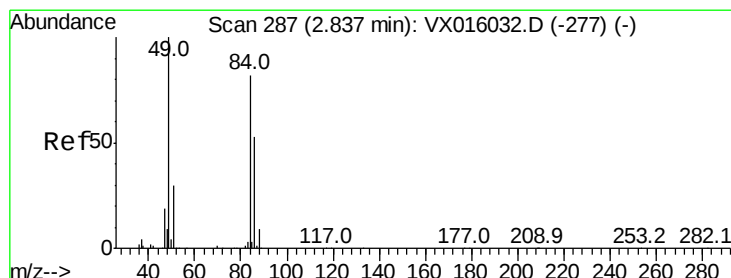
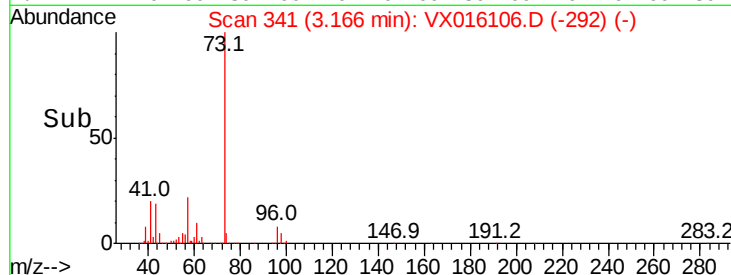
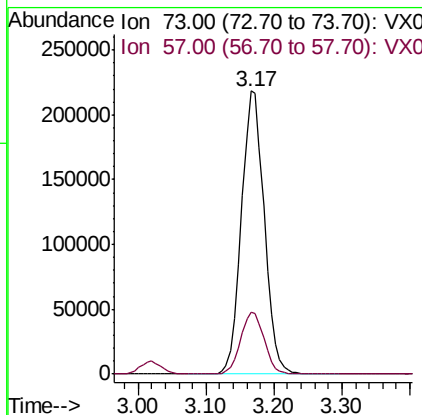
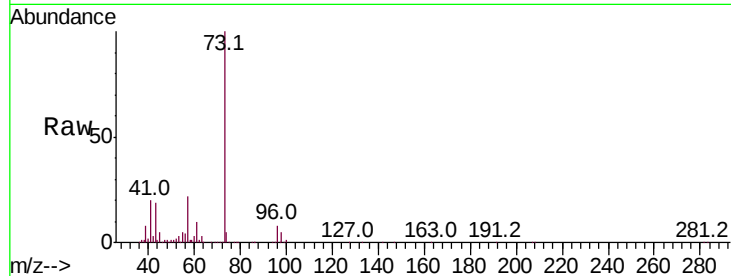


#19

Methyl tert-butyl Ether
 Concen: 50.782 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MSD

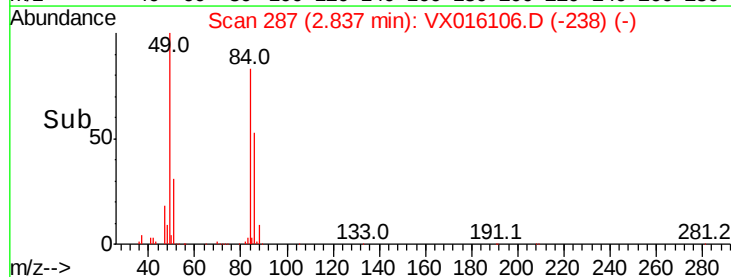
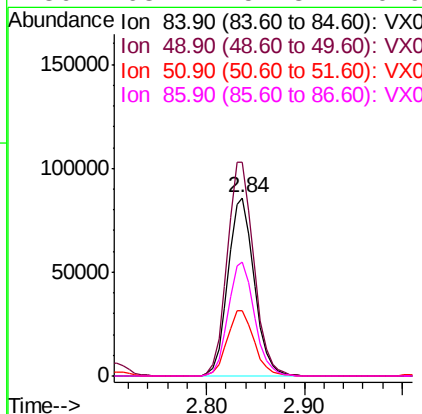
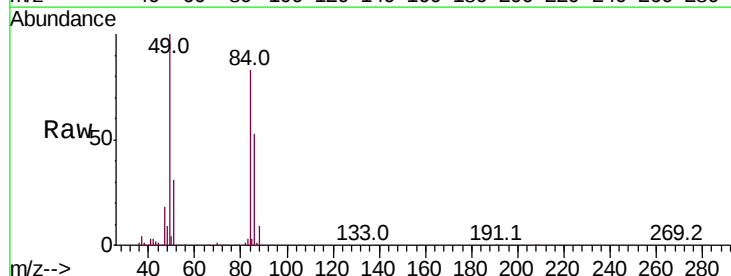
Tot Ion: 73 Resp: 508677
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.8 26.6

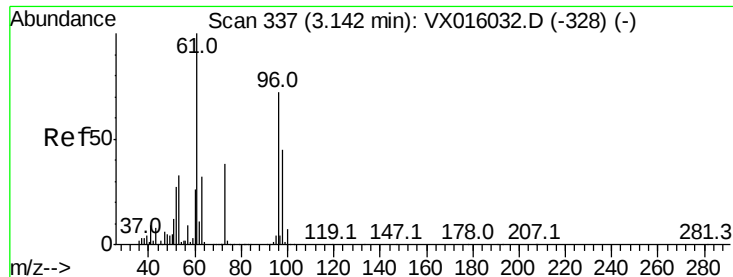


#20

Methylene Chloride
 Concen: 47.320 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Tgt Ion: 84 Resp: 160100
 Ion Ratio Lower Upper
 84 100
 49 119.8 97.3 145.9
 51 36.8 29.3 43.9
 86 63.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.211 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

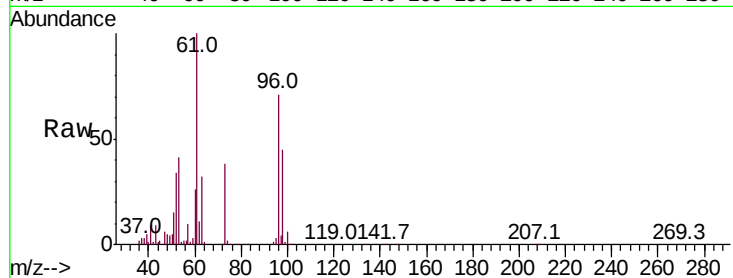
MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

Tot Ion: 96 Resp: 156110

Ion	Ratio	Lower	Upper
96	100		
61	140.2	111.2	166.8
98	62.7	50.2	75.4

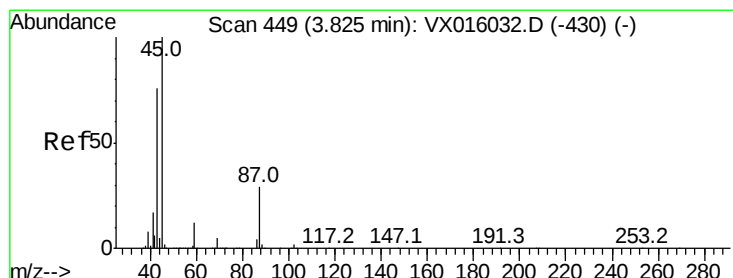
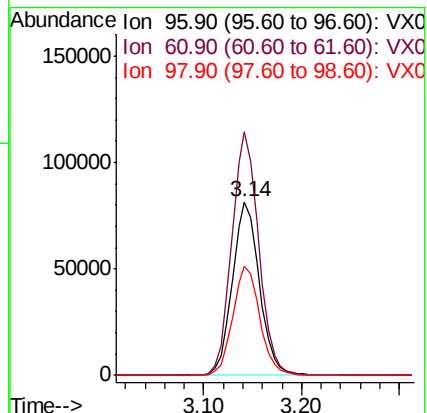
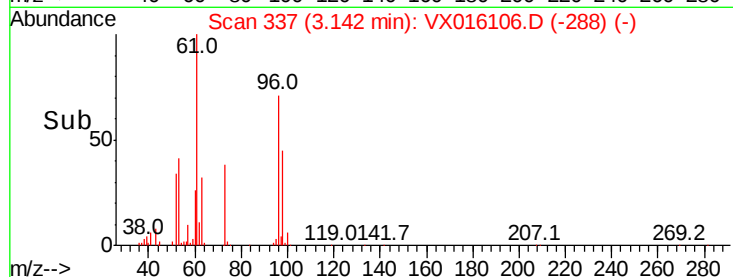


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.089 ug/l

RT: 3.82 min Scan# 449

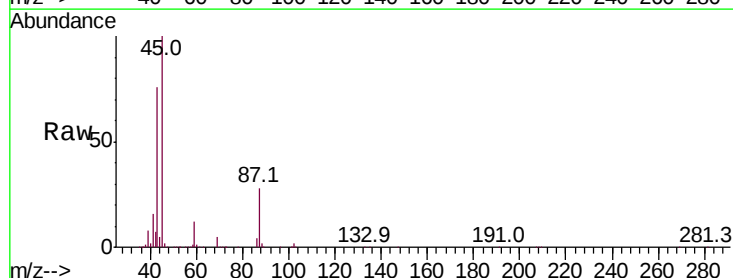
Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Tgt Ion: 45 Resp: 503447

Ion	Ratio	Lower	Upper
45	100		
43	75.6	61.1	91.7
87	27.8	23.0	34.6
59	12.1	9.8	14.6



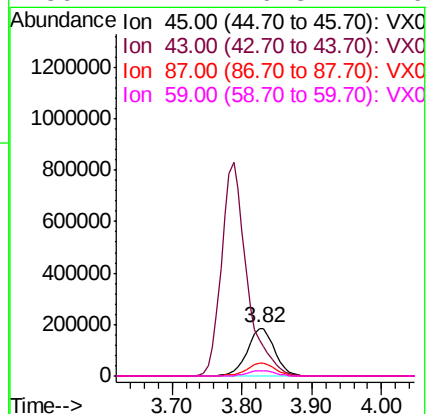
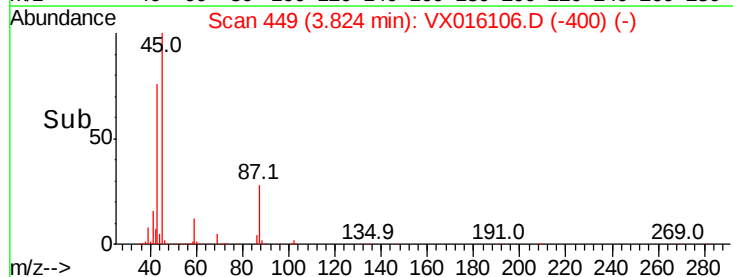
Abundance

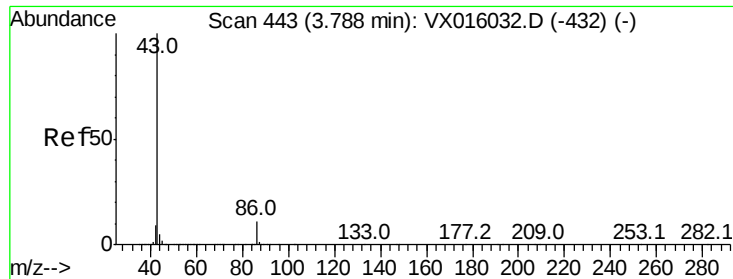
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 236.997 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

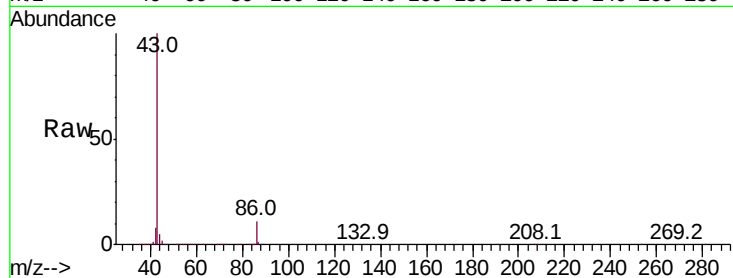
SS038RW151-200503MSD

Tot Ion: 43 Resp: 2095726

Ion Ratio Lower Upper

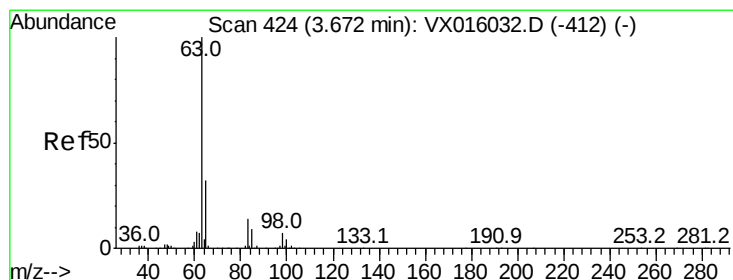
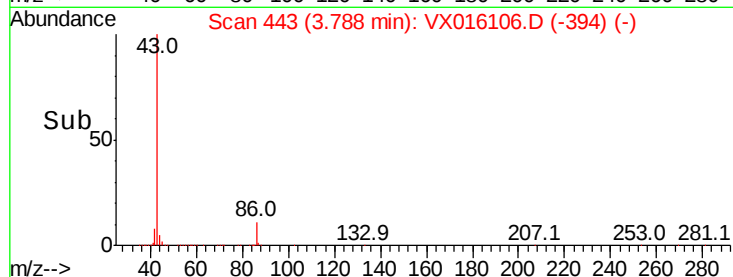
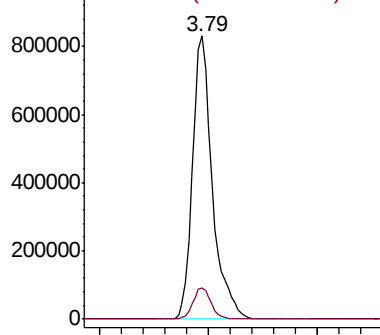
43 100

86 11.0 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.494 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

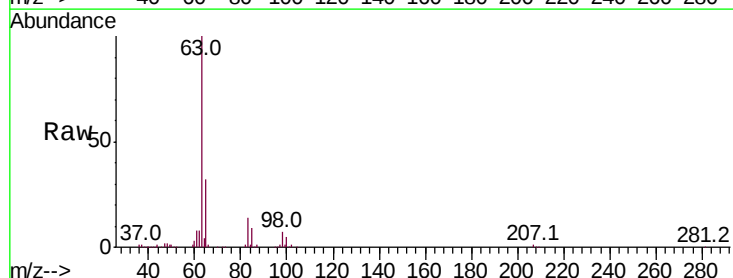
Tgt Ion: 63 Resp: 283909

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

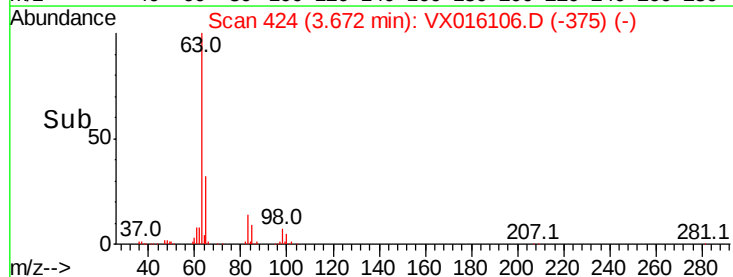
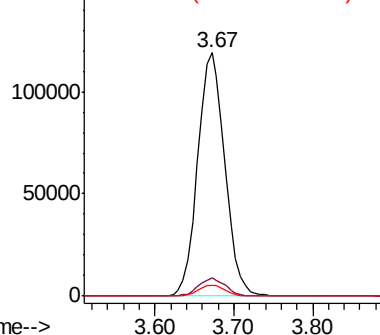
100 4.6 2.1 6.5

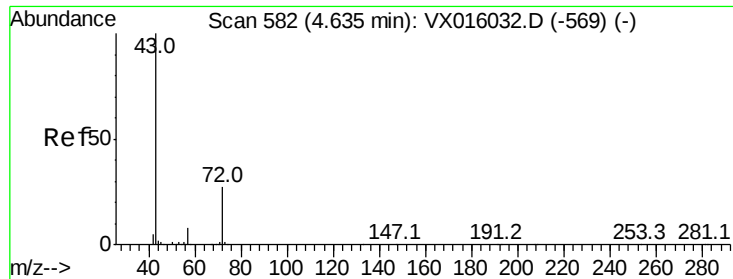


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 253.465 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

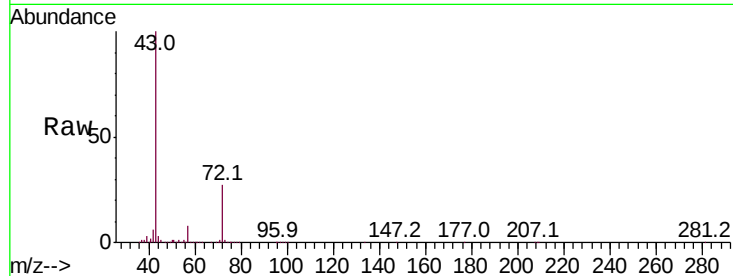
SS038RW151-200503MSD

Tot Ion: 43 Resp: 670331

Ion Ratio Lower Upper

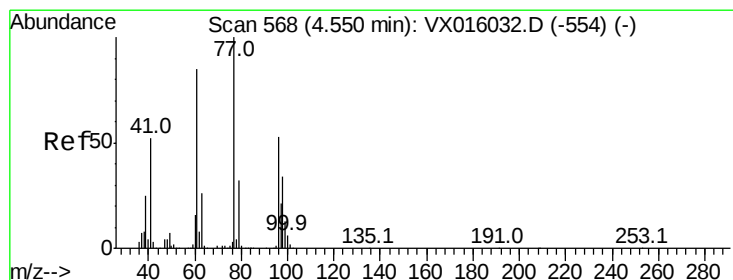
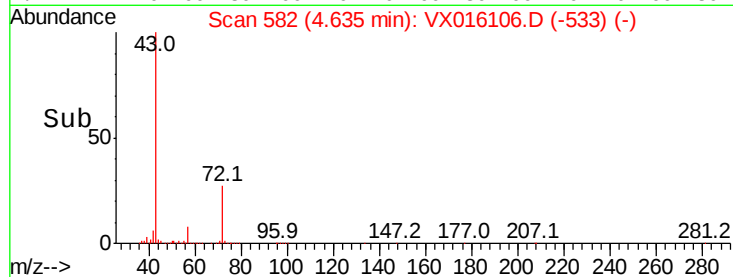
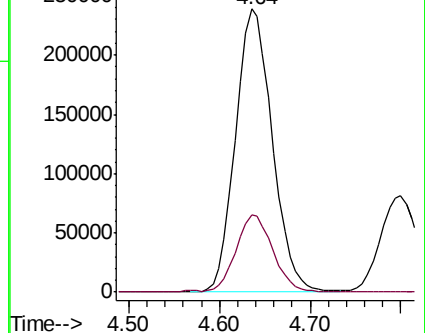
43 100

72 27.0 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 42.041 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016106.D

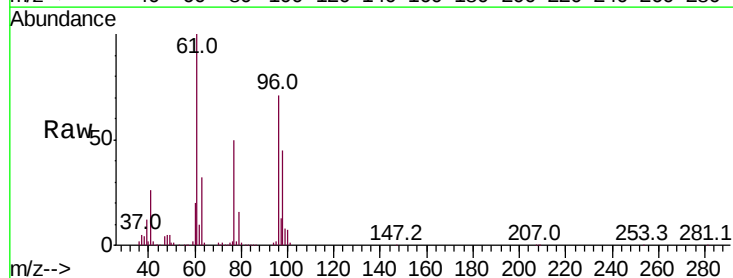
Acq: 07 May 2020 19:51

Tgt Ion: 77 Resp: 215871

Ion Ratio Lower Upper

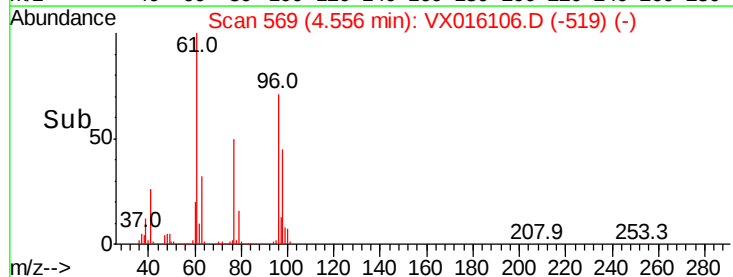
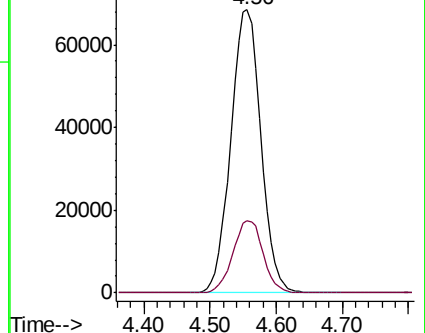
77 100

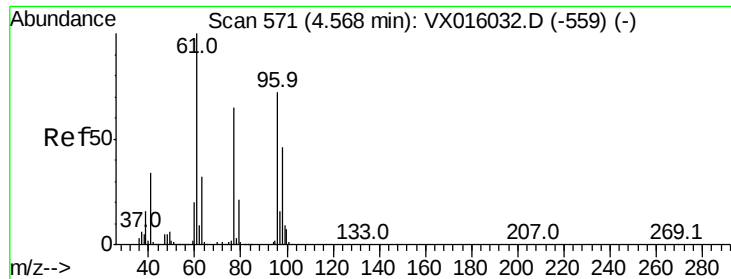
97 25.7 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



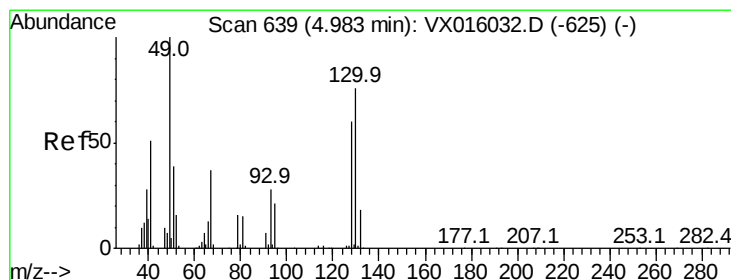
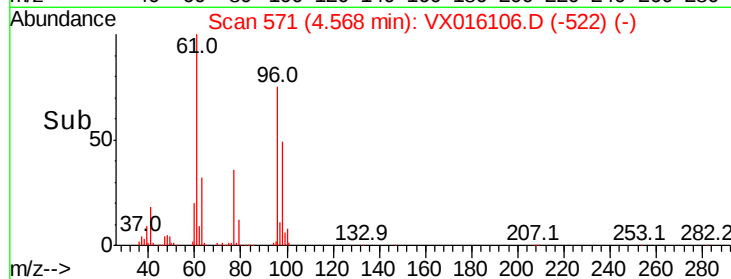
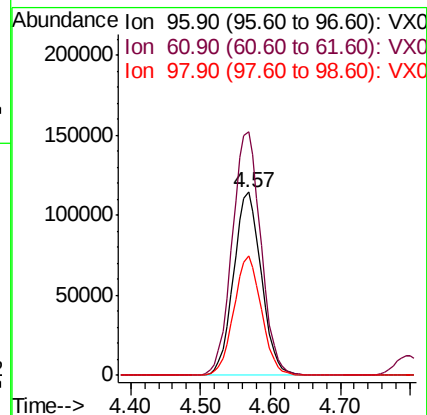
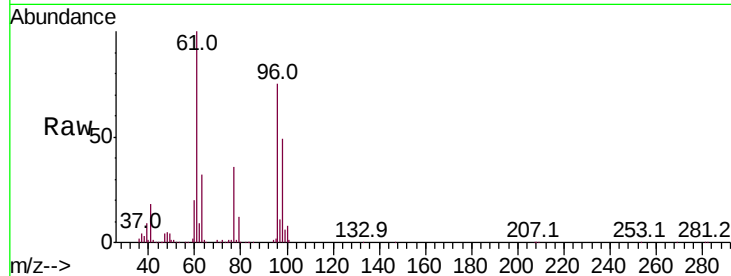


#27

cis-1,2-Dichloroethene
 Concen: 89.112 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MSD

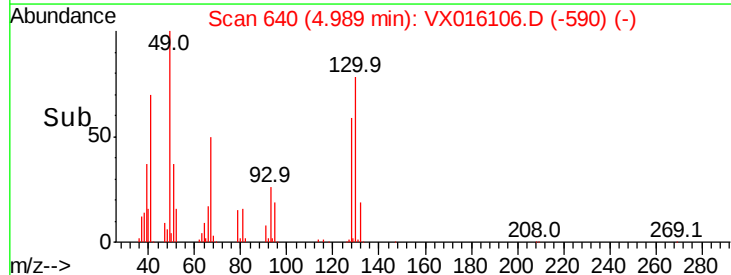
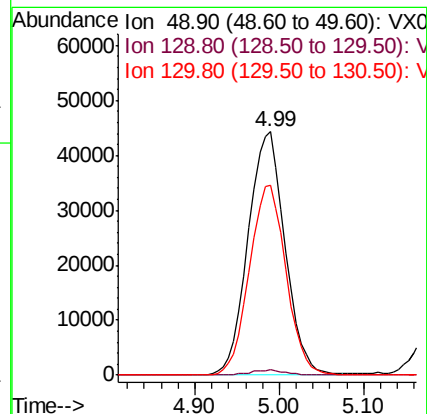
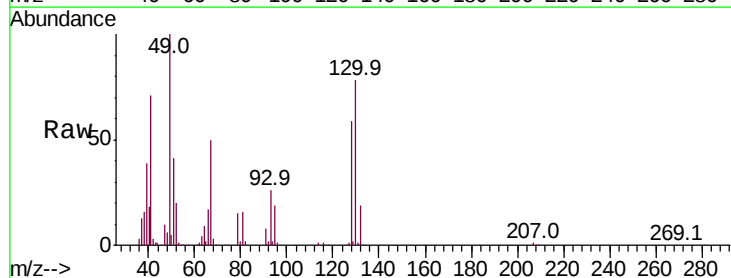
Tot Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	296.2
98	64.4	0.0	129.4

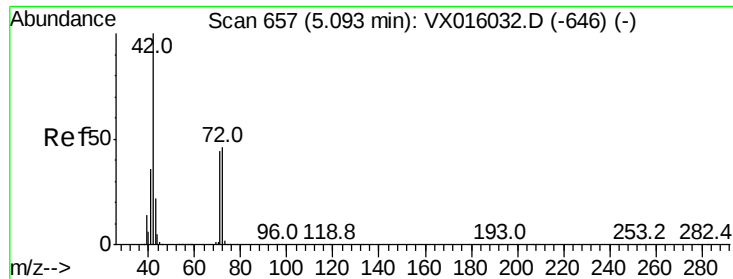


#28

Bromochloromethane
 Concen: 51.364 ug/l
 RT: 4.99 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	77.5	62.4	93.6





#29

Tetrahydrofuran

Concen: 250.579 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

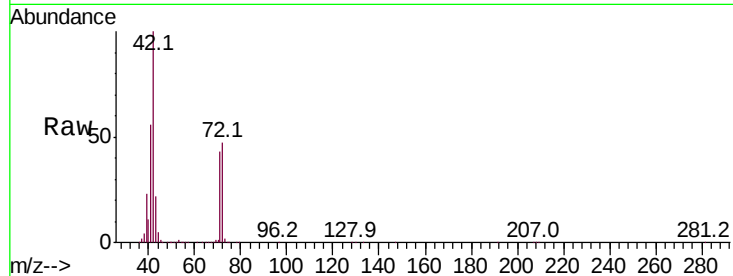
Tot Ion: 42 Resp: 439104

Ion Ratio Lower Upper

42 100

72 46.7 37.1 55.7

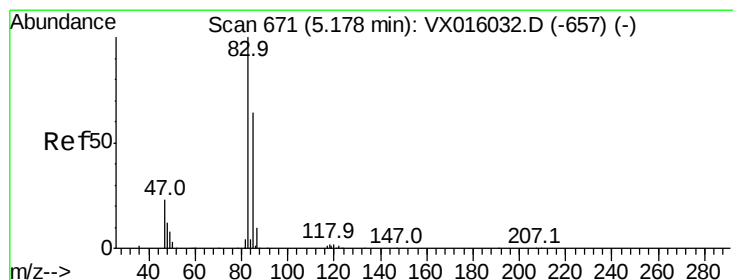
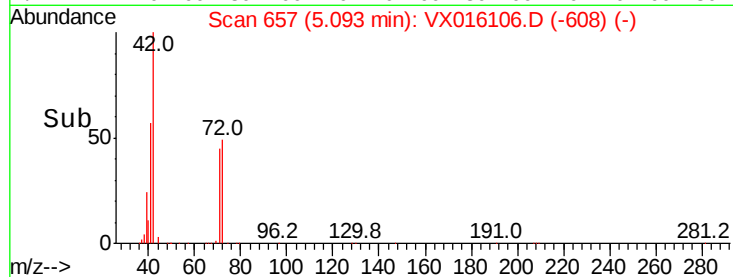
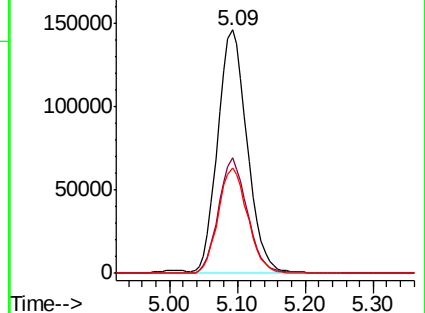
71 43.3 34.5 51.7



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: 50.303 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016106.D

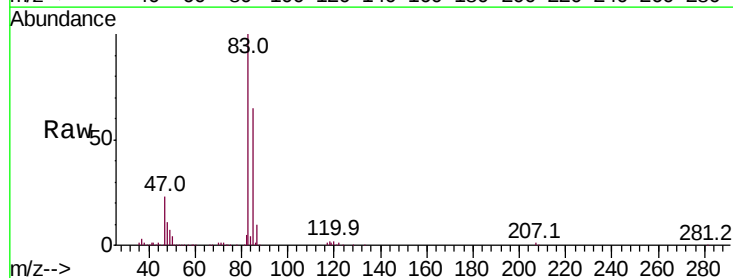
Acq: 07 May 2020 19:51

Tgt Ion: 83 Resp: 281607

Ion Ratio Lower Upper

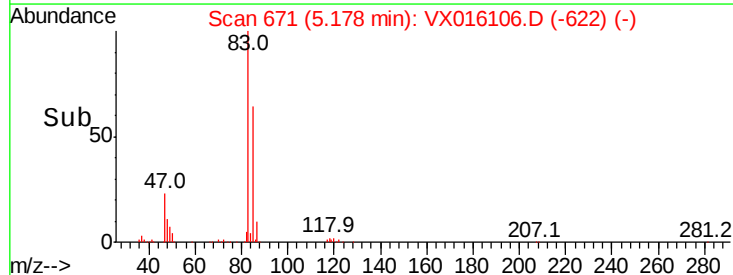
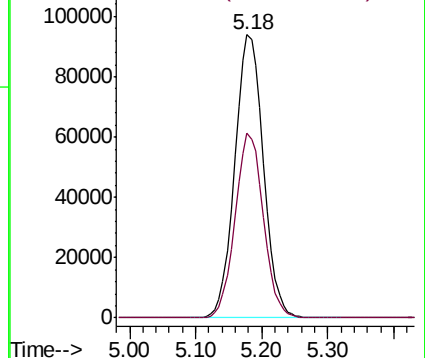
83 100

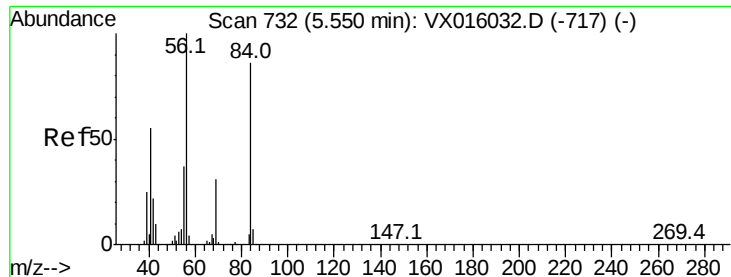
85 65.4 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

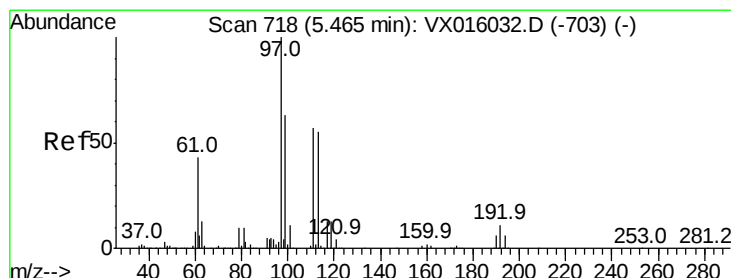
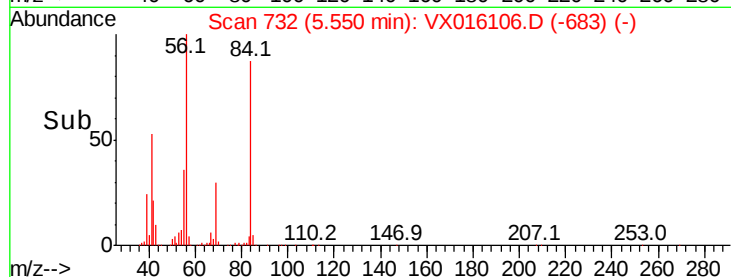
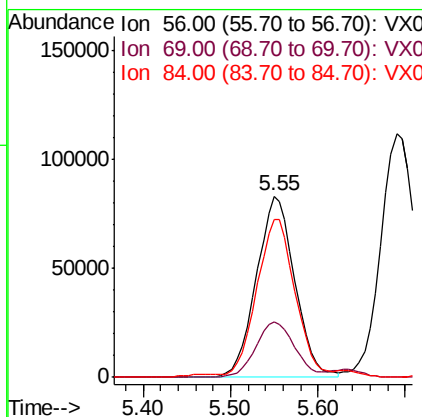
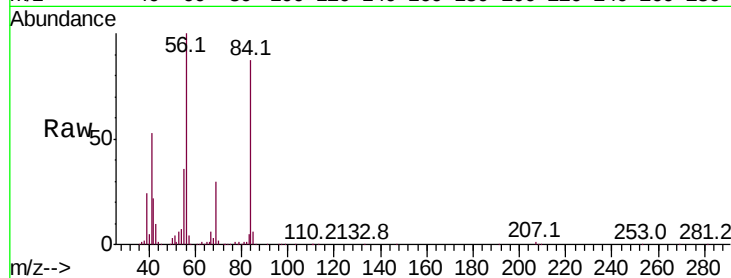




#31
Cyclohexane
Concen: 49.757 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

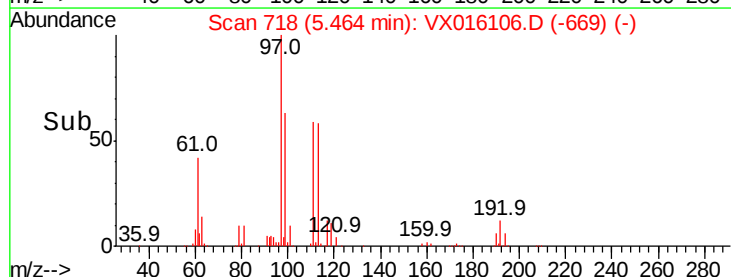
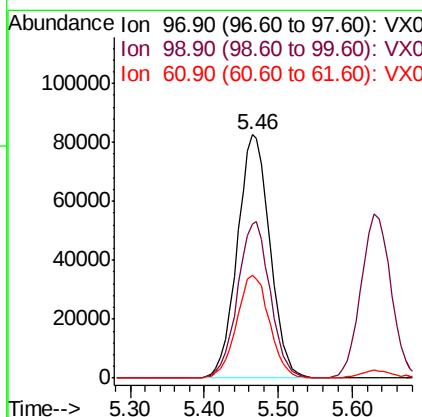
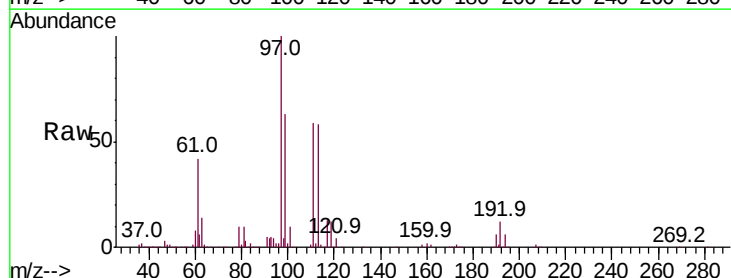
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MSD

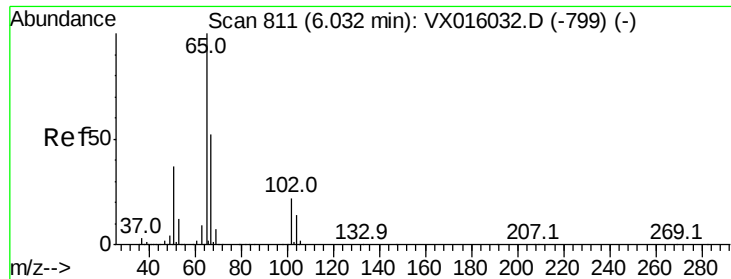
Tot Ion: 56 Resp: 254250
Ion Ratio Lower Upper
56 100
69 30.5 25.0 37.6
84 86.3 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 49.877 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion: 97 Resp: 253809
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 42.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 49.011 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

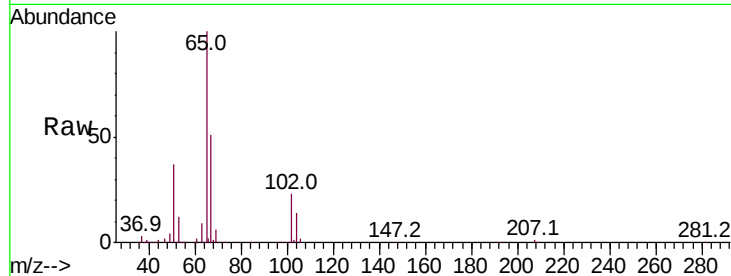
SS038RW151-200503MSD

Tot Ion: 65 Resp: 180276

Ion Ratio Lower Upper

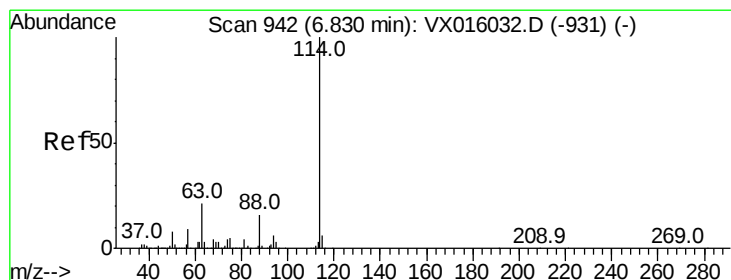
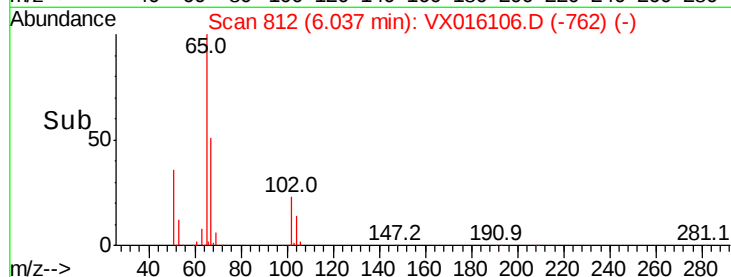
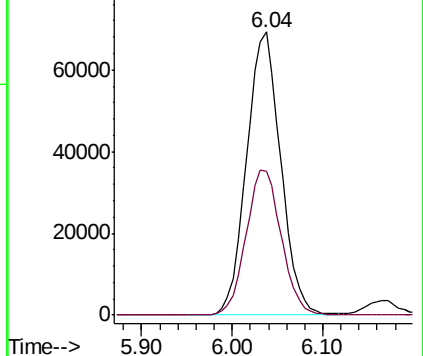
65 100

67 52.8 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

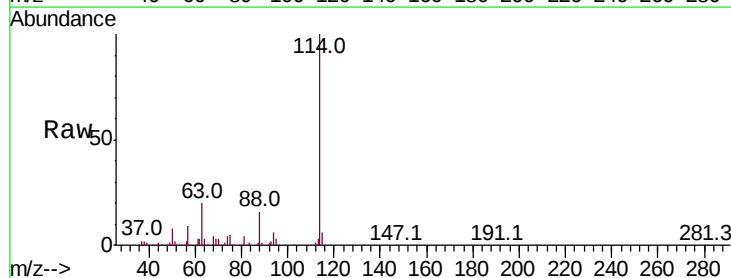
Tgt Ion: 114 Resp: 449299

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

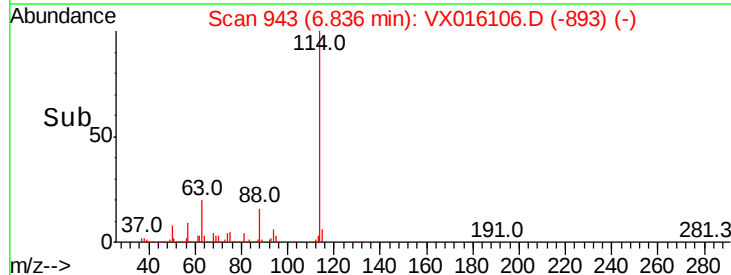
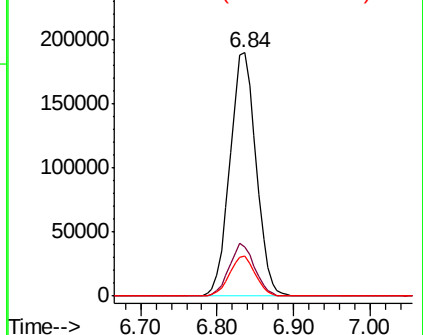
88 16.3 0.0 31.4

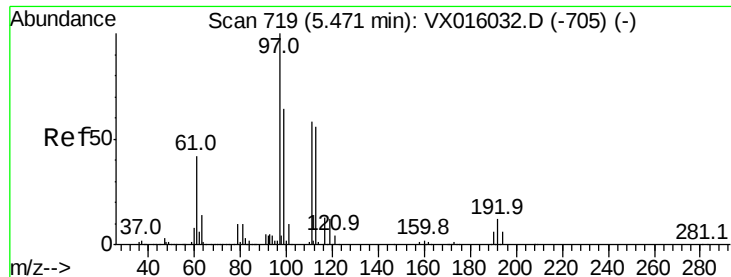


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

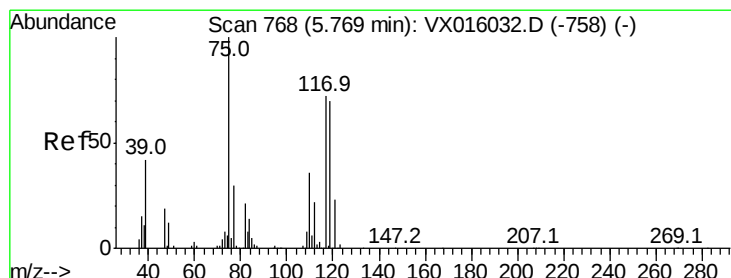
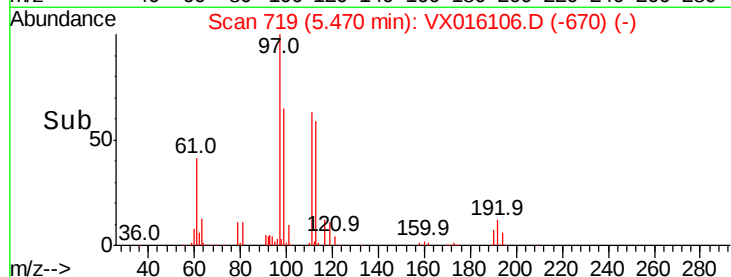
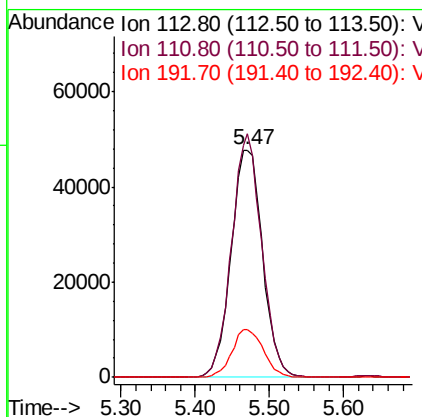
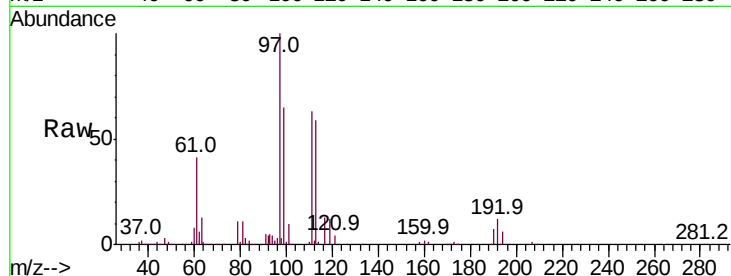




#35
 Dibromofluoromethane
 Concen: 49.790 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

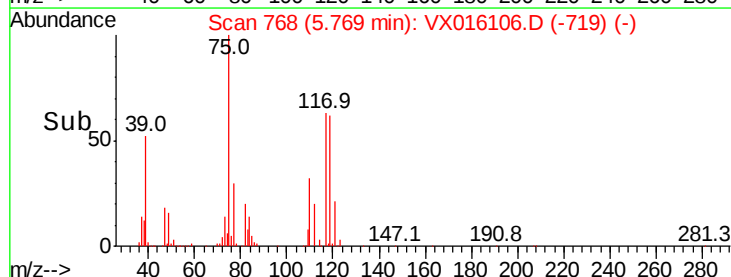
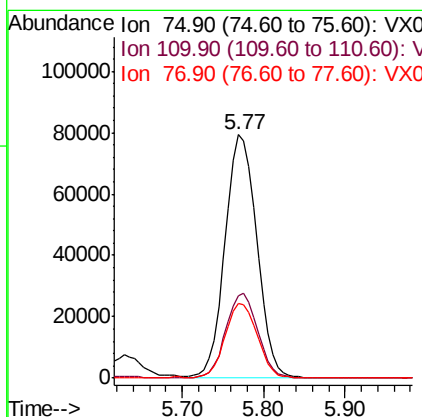
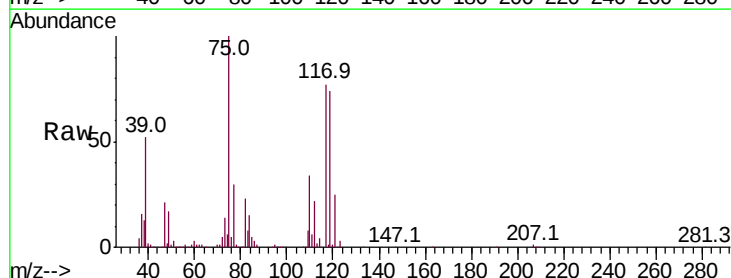
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MSD

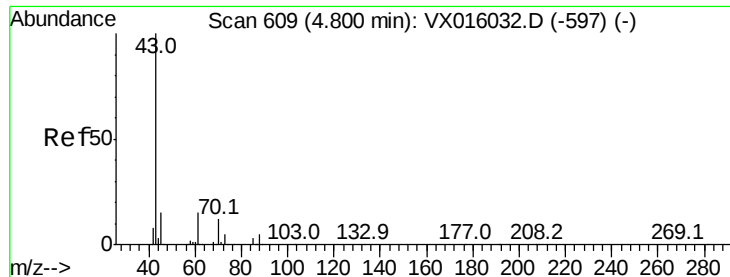
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.6	122.4
192	21.0	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 48.372 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	18.1	54.1
77	31.2	25.0	37.6

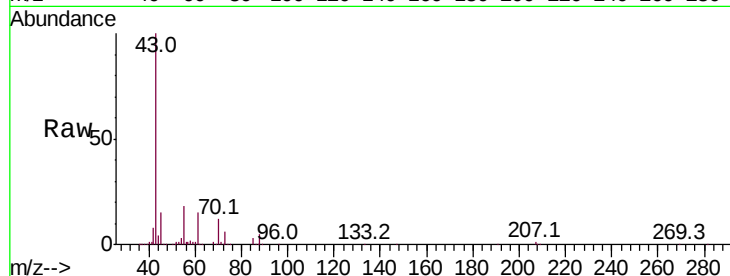




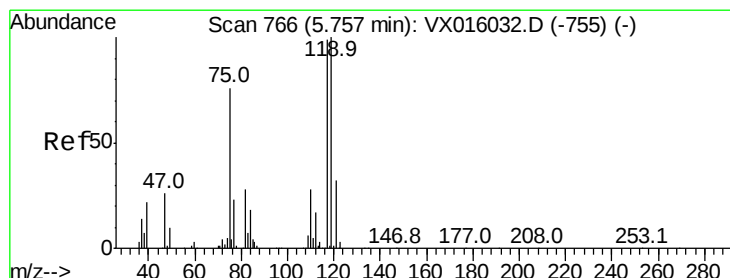
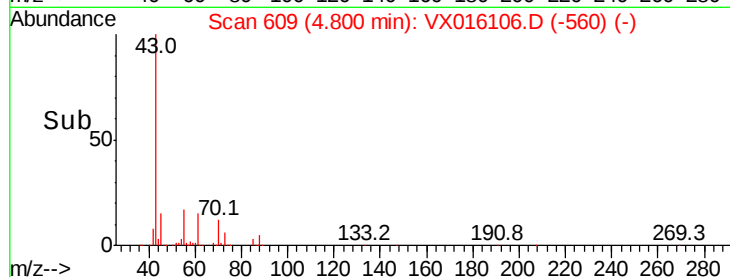
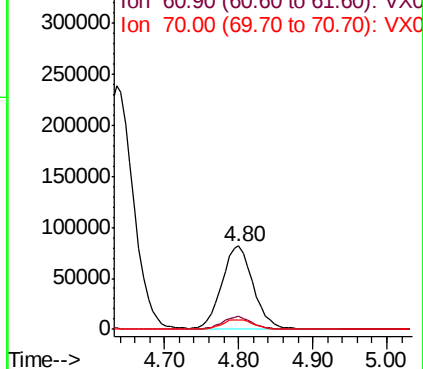
#37
Ethyl Acetate
Concen: 46.743 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MSD

Tot Ion: 43 Resp: 239606
Ion Ratio Lower Upper
43 100
61 14.5 11.7 17.5
70 11.8 9.3 13.9

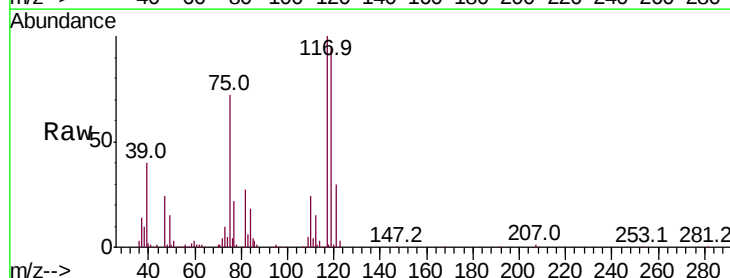


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

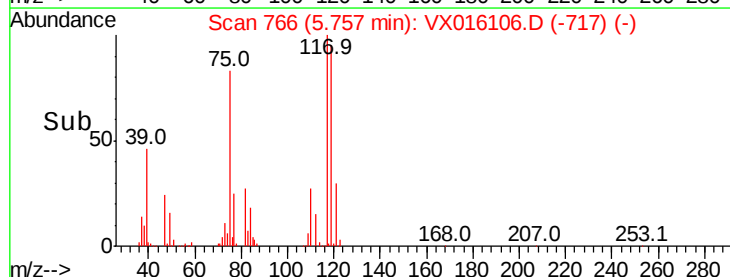
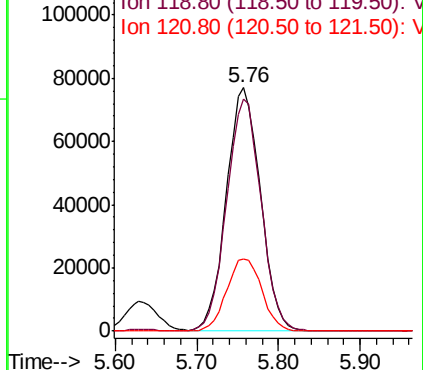


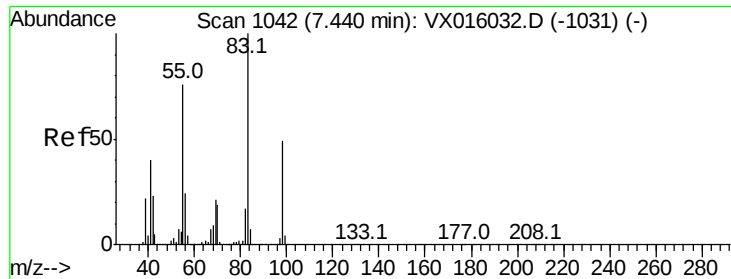
#38
Carbon Tetrachloride
Concen: 49.472 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion: 117 Resp: 222397
Ion Ratio Lower Upper
117 100
119 95.1 80.3 120.5
121 29.8 25.7 38.5



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

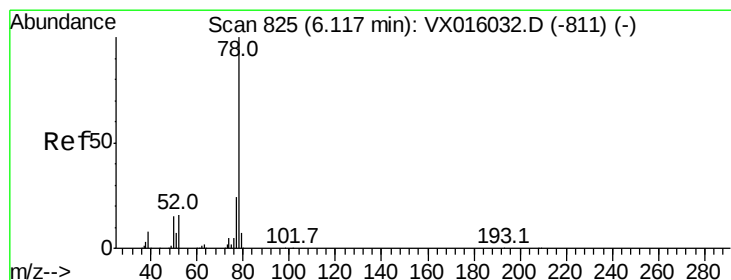
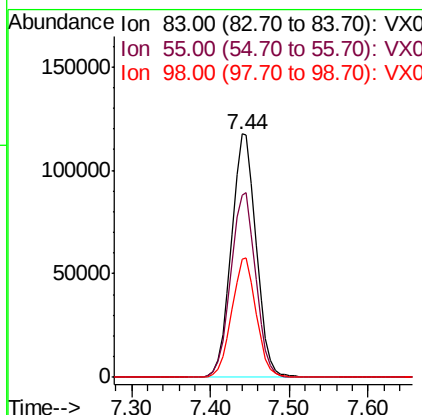
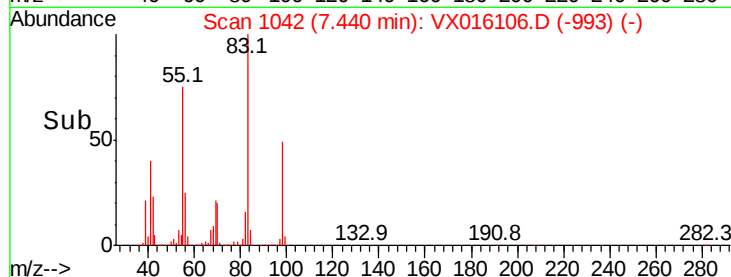
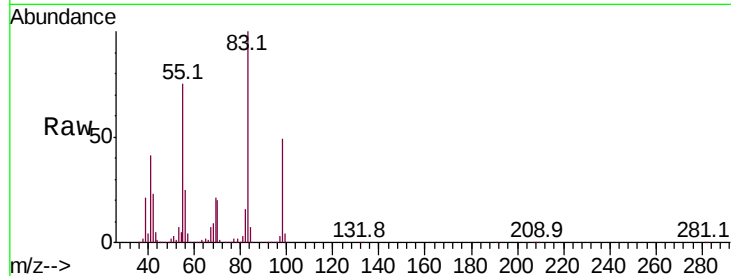




#39
Methvlcvclohexane
Concen: 48.417 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

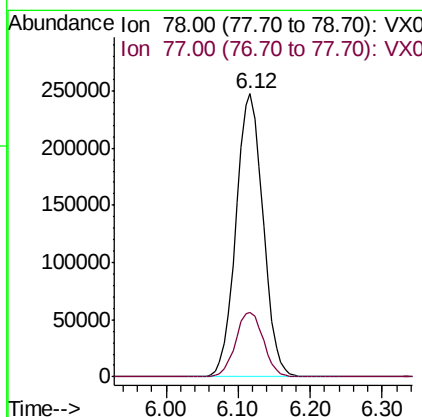
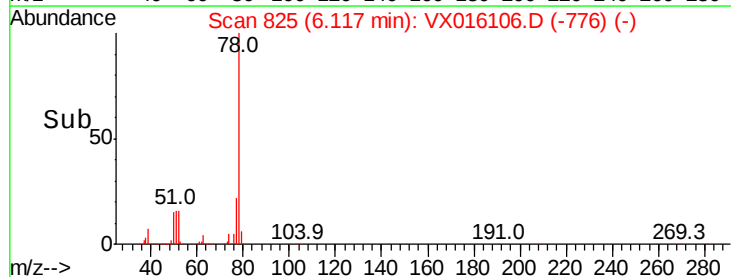
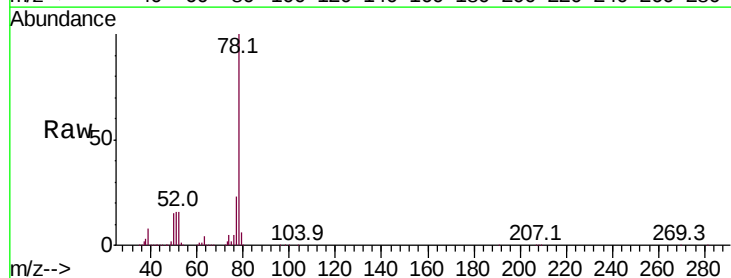
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MSD

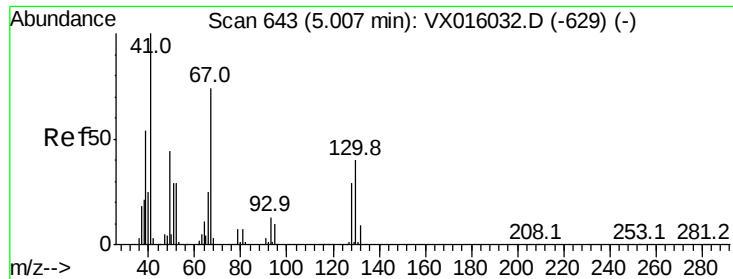
Tot Ion: 83 Resp: 257877
Ion Ratio Lower Upper
83 100
55 74.8 61.1 91.7
98 48.6 39.0 58.4



#40
Benzene
Concen: 49.939 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion: 78 Resp: 646239
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.4





#41

Methacrylonitrile

Concen: 50.695 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

Tot Ion: 41 Resp: 140340

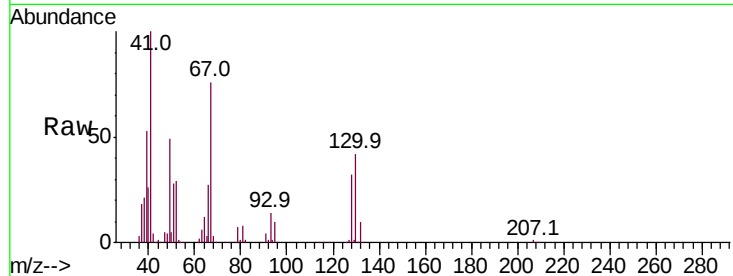
Ion Ratio Lower Upper

41 100

39 53.3 43.2 64.8

67 73.7 59.3 88.9

52 28.6 23.5 35.3

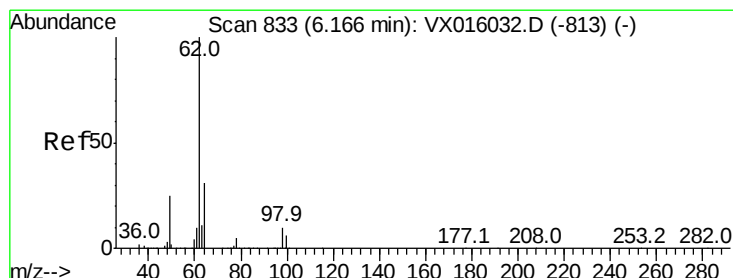
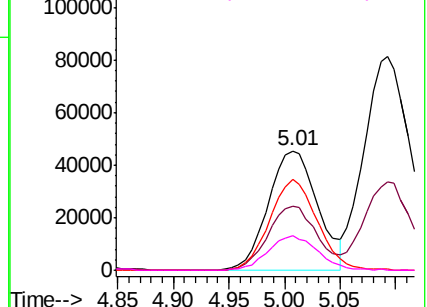
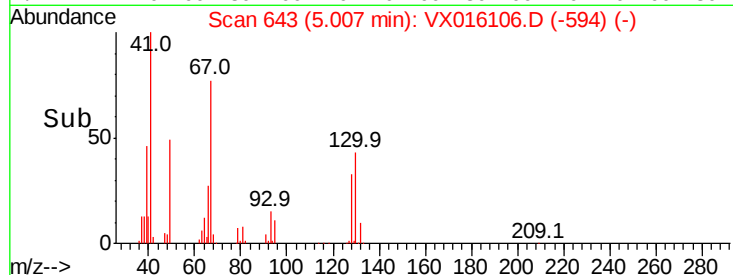


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.109 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX016106.D

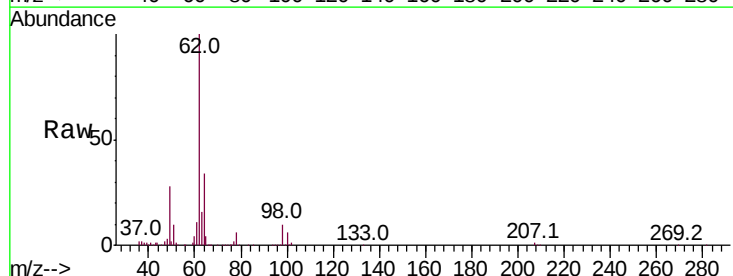
Acq: 07 May 2020 19:51

Tgt Ion: 62 Resp: 228928

Ion Ratio Lower Upper

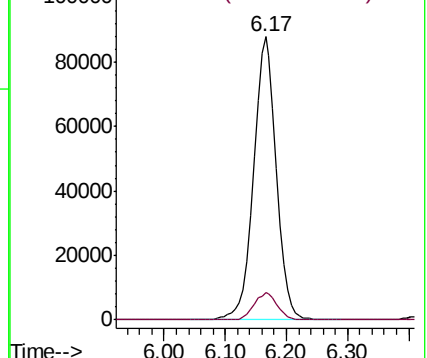
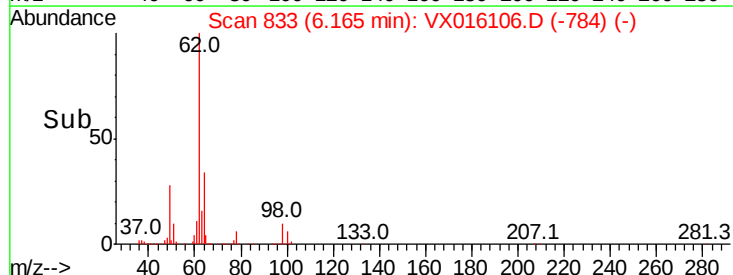
62 100

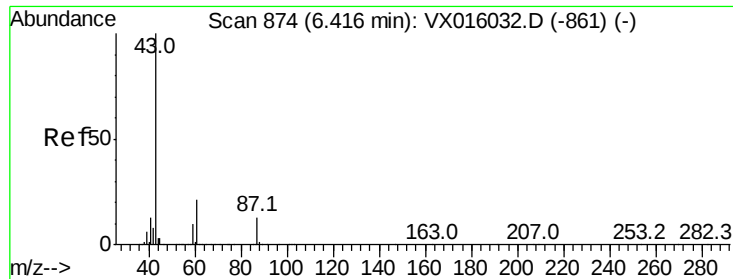
98 9.9 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



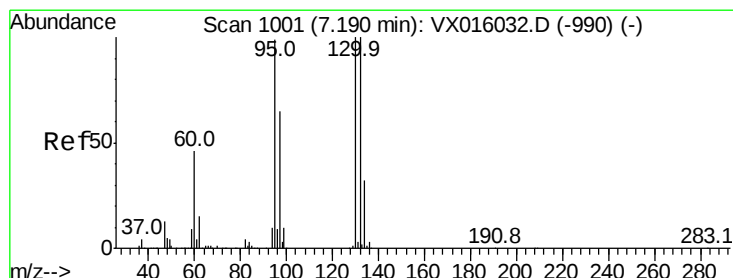
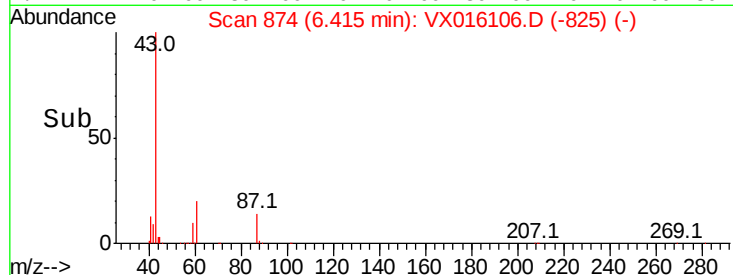
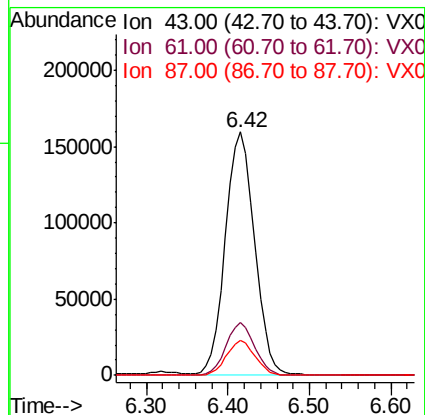
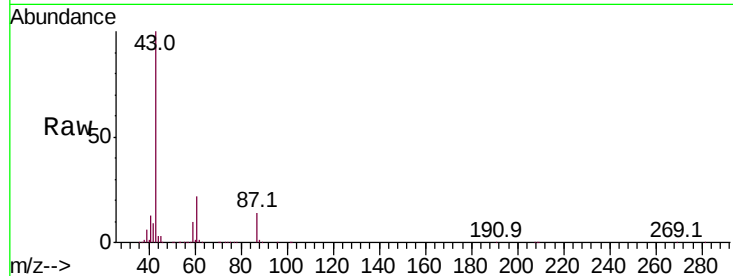


#43

Isopropyl Acetate
 Concen: 48.106 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MSD

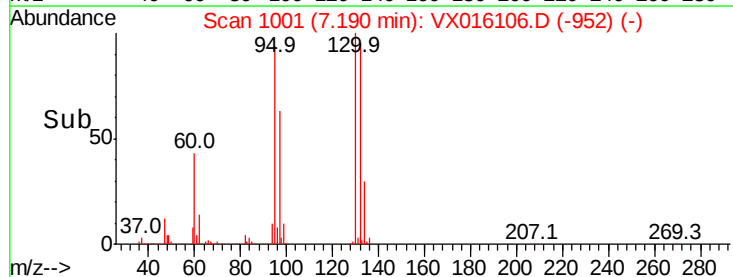
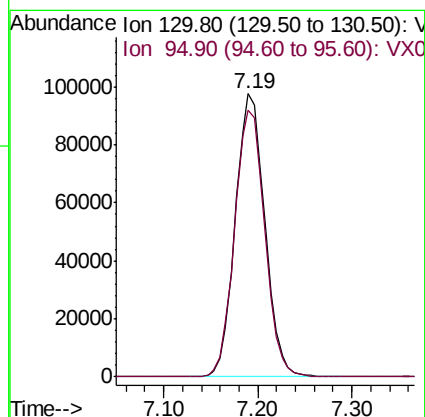
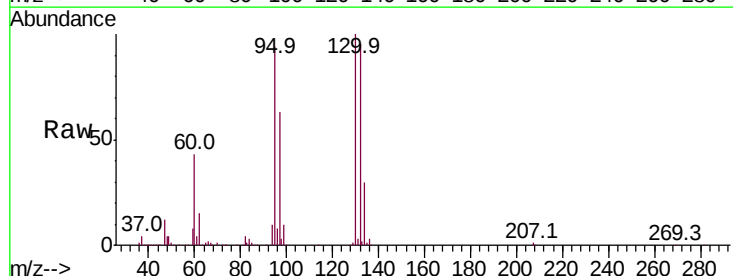
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.0	25.4
87	14.0	11.0	16.6

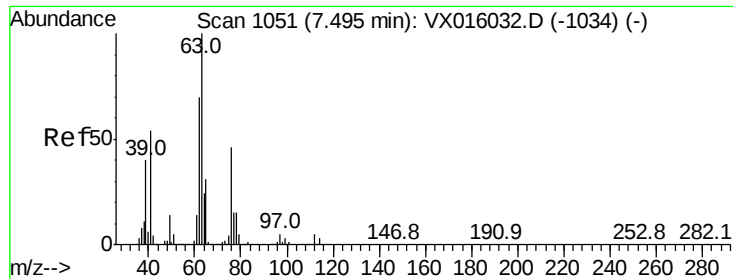


#44

Trichloroethene
 Concen: 46.390 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	197.4

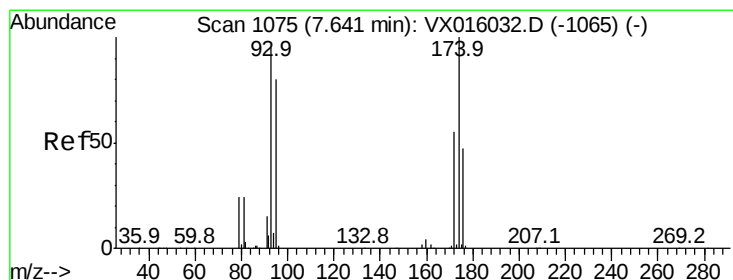
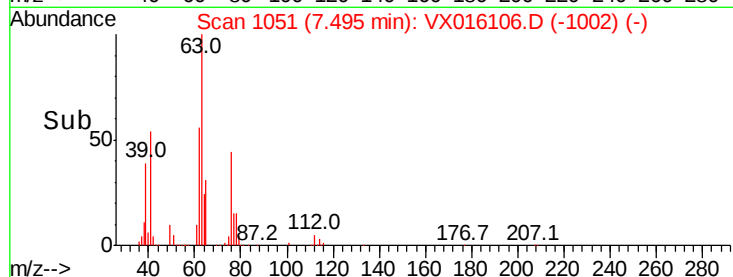
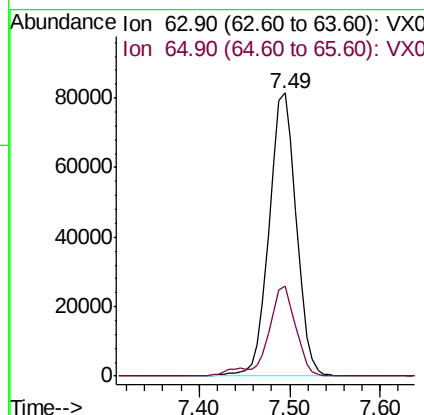
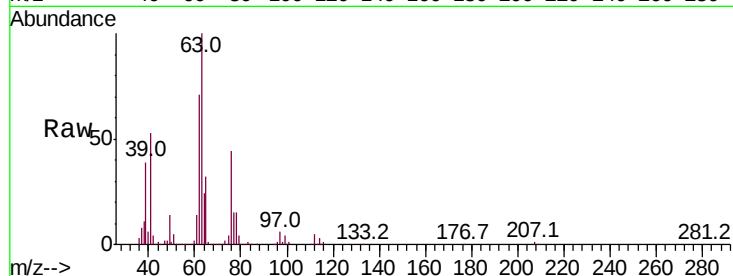




#45
 1,2-Dichloropropane
 Concen: 51.680 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

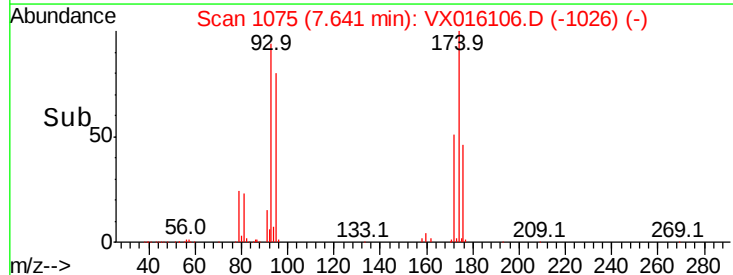
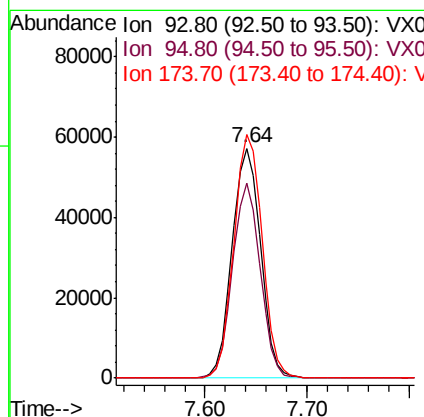
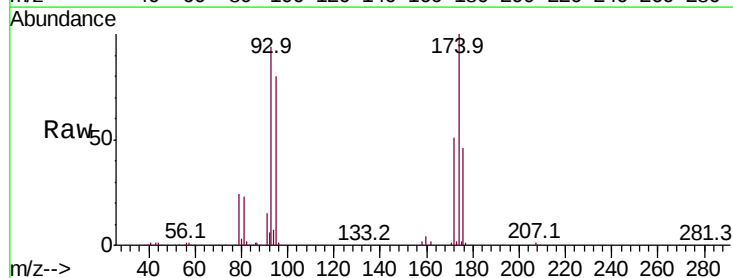
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MSD

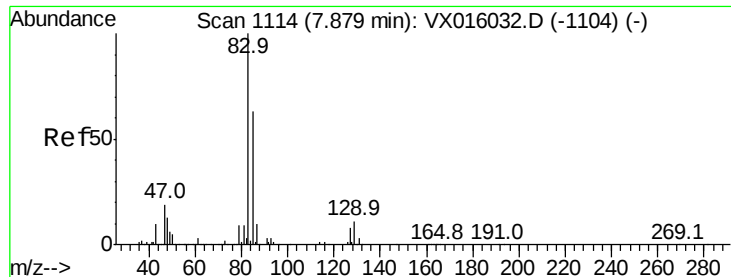
Tot Ion: 63 Resp: 169223
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.4 36.6



#46
 Dibromomethane
 Concen: 49.745 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Tgt Ion: 93 Resp: 110693
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.6 100.0
 174 105.4 84.2 126.4





#47

Bromodichloromethane

Concen: 50.787 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

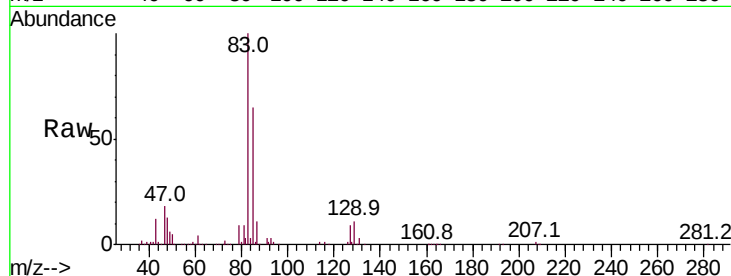
Tot Ion: 83 Resp: 230163

Ion Ratio Lower Upper

83 100

85 64.8 50.5 75.7

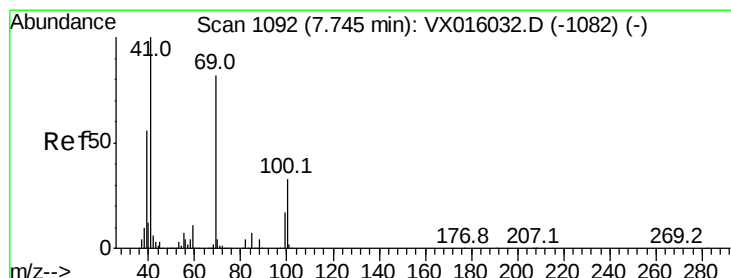
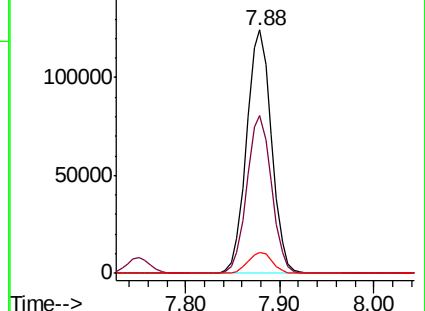
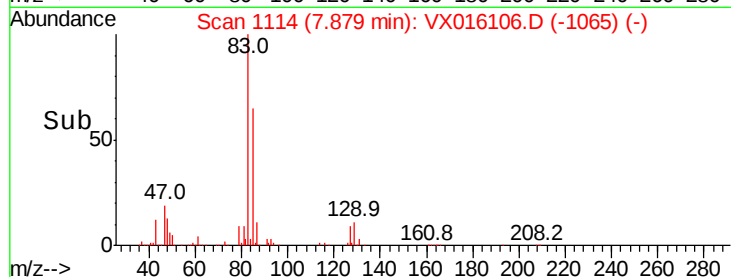
127 8.8 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.032 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

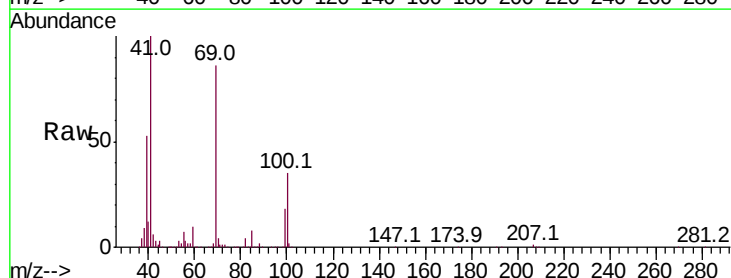
Tgt Ion: 41 Resp: 193898

Ion Ratio Lower Upper

41 100

69 86.7 67.8 101.6

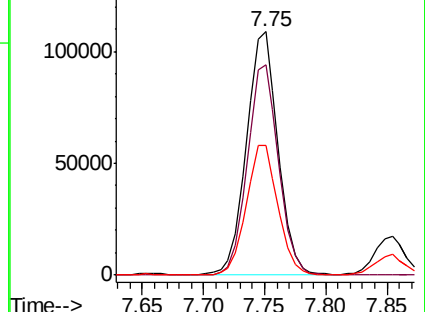
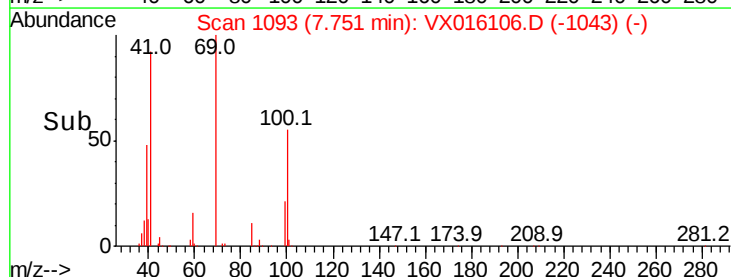
39 53.5 44.6 67.0

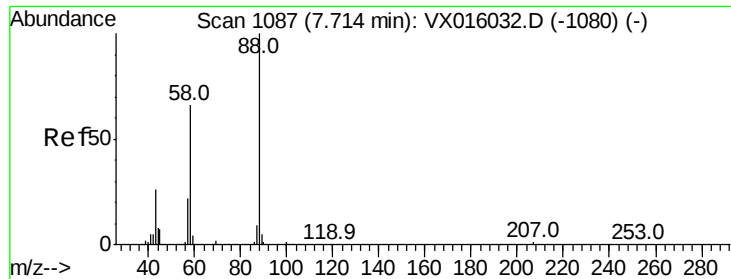


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 880.260 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

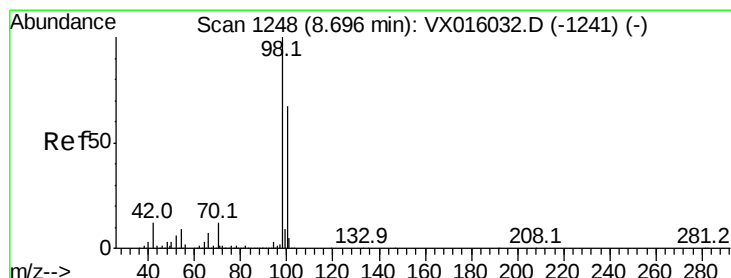
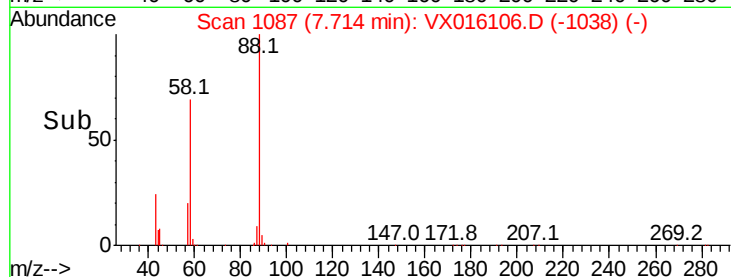
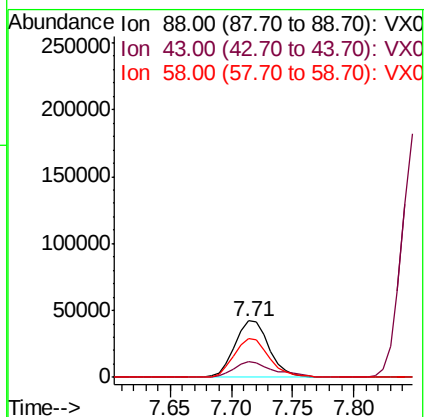
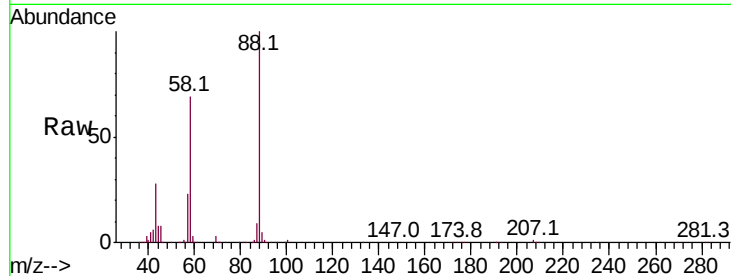
Tot Ion: 88 Resp: 81818

Ion Ratio Lower Upper

88 100

43 31.7 25.3 37.9

58 71.0 55.9 83.9



#50

Toluene-d8

Concen: 50.297 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016106.D

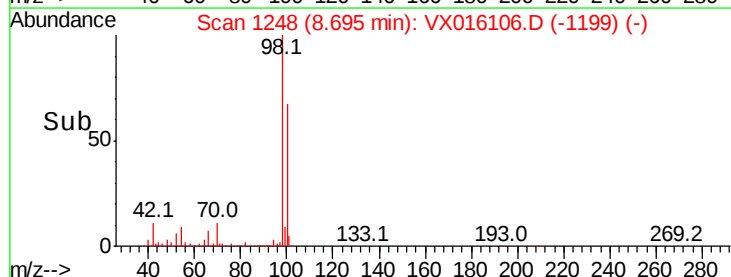
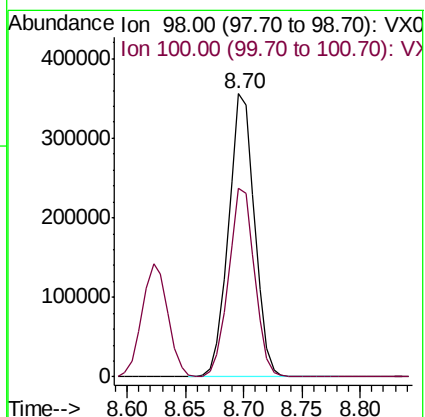
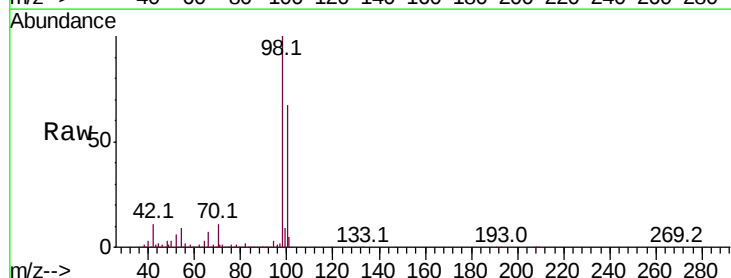
Acq: 07 May 2020 19:51

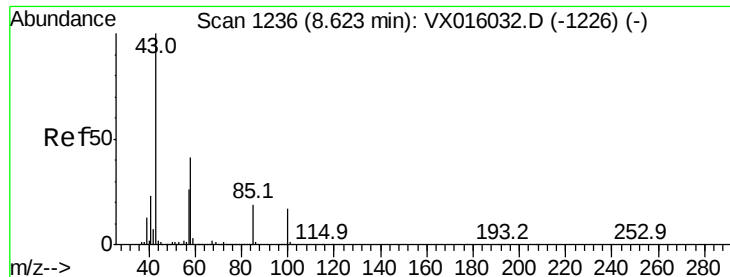
Tgt Ion: 98 Resp: 551645

Ion Ratio Lower Upper

98 100

100 67.0 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 257.205 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

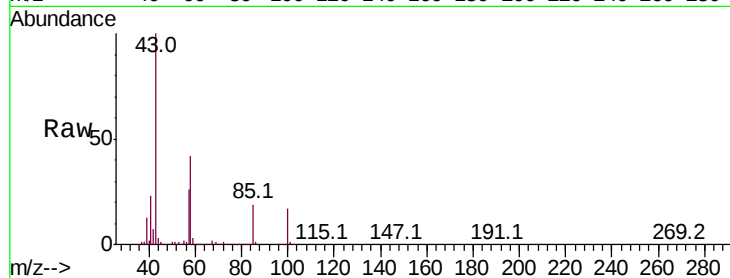
SS038RW151-200503MSD

Tot Ion: 43 Resp: 1287299

Ion Ratio Lower Upper

43 100

58 41.7 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

800000

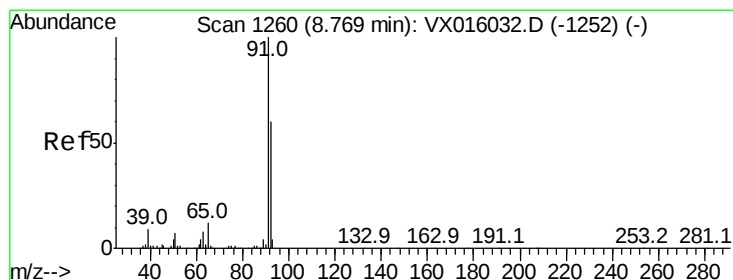
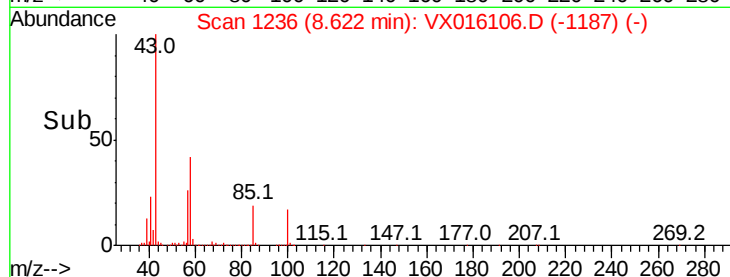
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.402 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016106.D

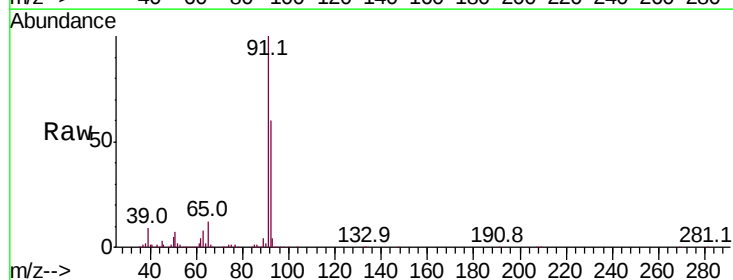
Acq: 07 May 2020 19:51

Tgt Ion: 92 Resp: 406546

Ion Ratio Lower Upper

92 100

91 167.2 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

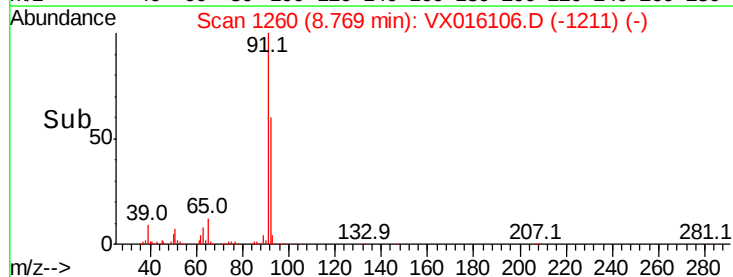
300000

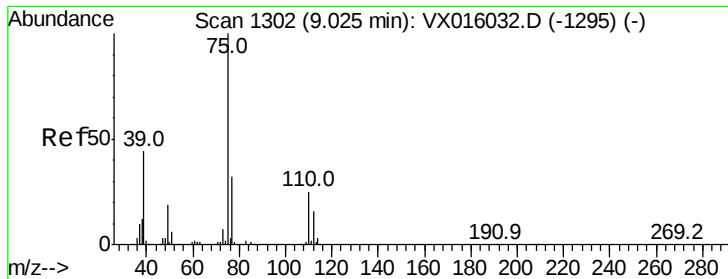
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.637 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

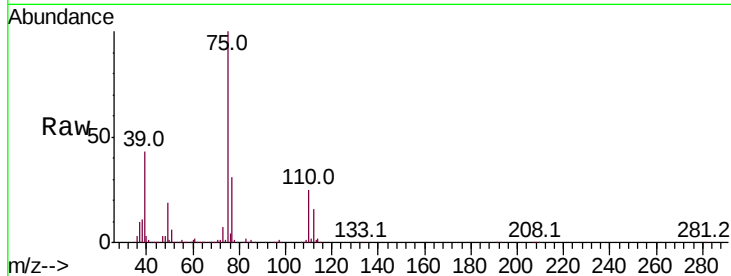
SS038RW151-200503MSD

Tot Ion: 75 Resp: 262810

Ion Ratio Lower Upper

75 100

77 30.9 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

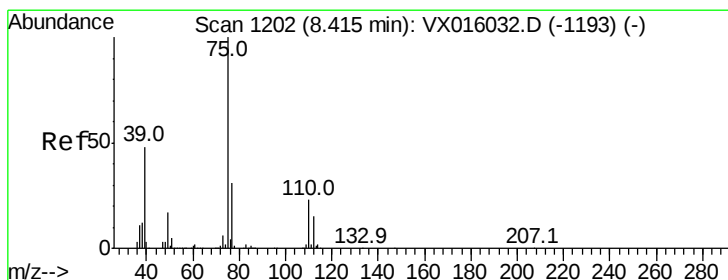
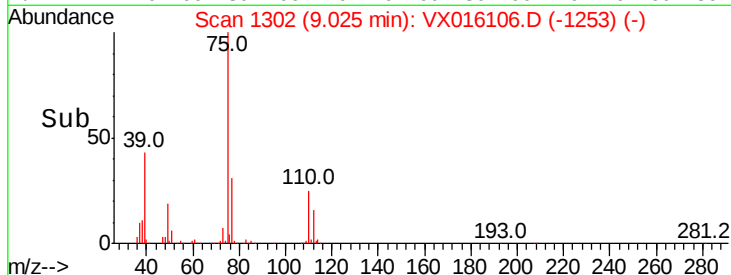
150000

100000

50000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 48.392 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

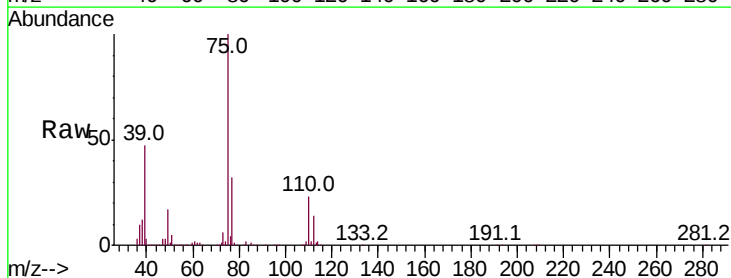
Tgt Ion: 75 Resp: 273123

Ion Ratio Lower Upper

75 100

77 31.7 24.7 37.1

39 46.7 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

200000

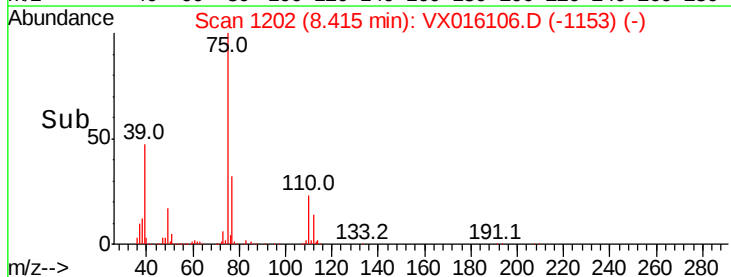
150000

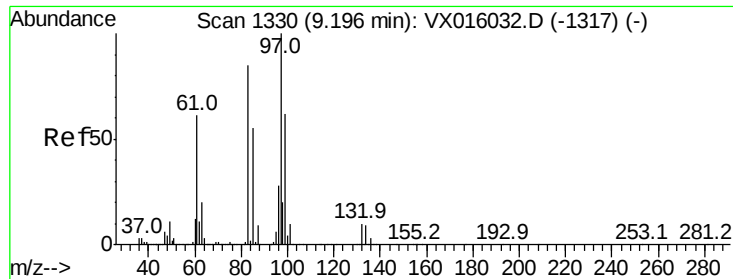
100000

50000

0

Time--> 8.30 8.40 8.50





#55

1,1,2-Trichloroethane

Concen: 50.934 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

Tot Ion: 97 Resp: 161639

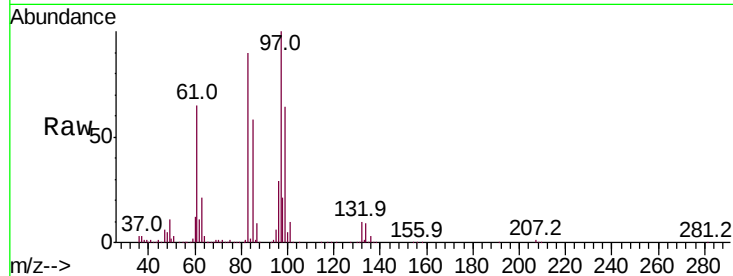
Ion Ratio Lower Upper

97 100

83 90.0 67.8 101.8

85 58.0 43.8 65.8

99 63.9 49.4 74.0

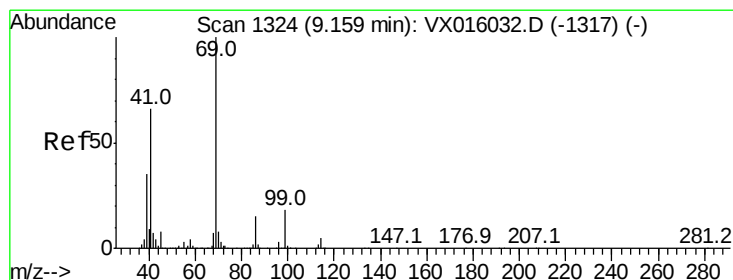
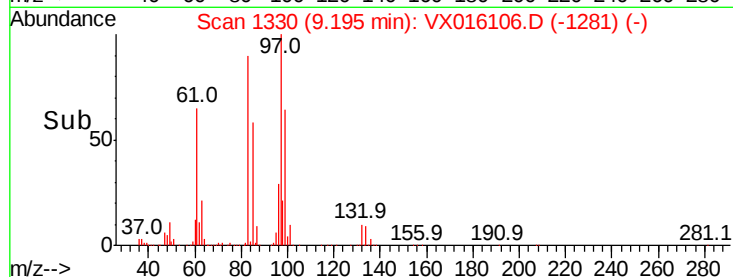
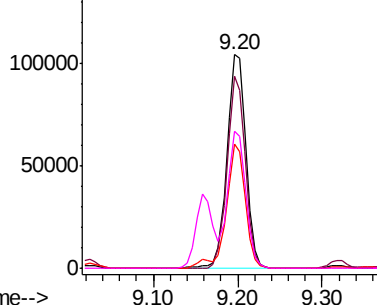


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.959 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

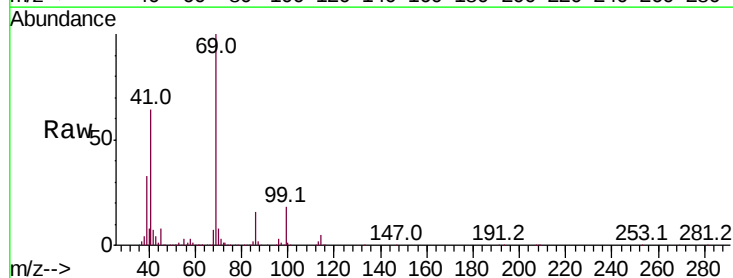
Tgt Ion: 69 Resp: 269157

Ion Ratio Lower Upper

69 100

41 63.7 52.2 78.4

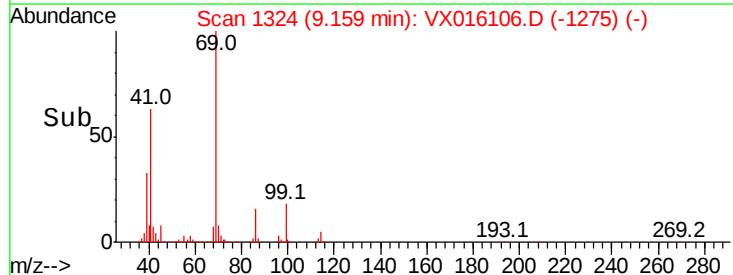
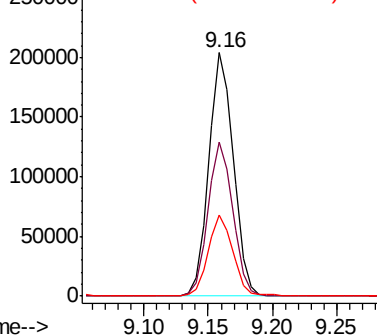
39 33.5 28.2 42.4

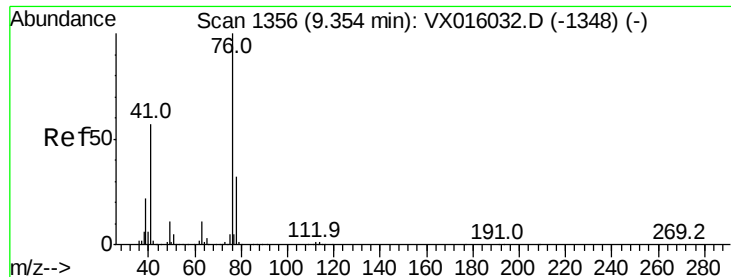


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.904 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

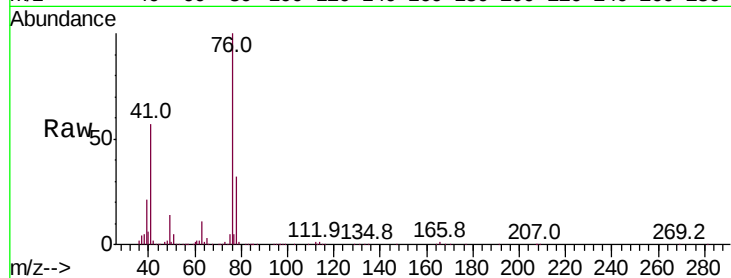
SS038RW151-200503MSD

Tot Ion: 76 Resp: 281880

Ion Ratio Lower Upper

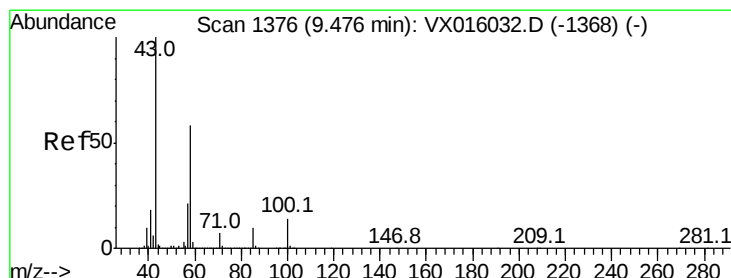
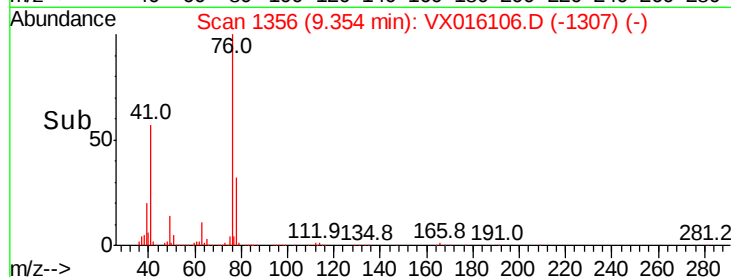
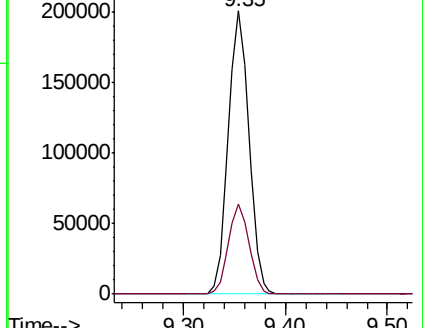
76 100

78 31.7 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 256.287 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016106.D

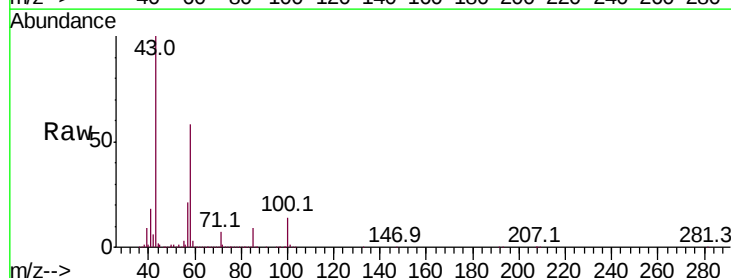
Acq: 07 May 2020 19:51

Tgt Ion: 43 Resp: 1007339

Ion Ratio Lower Upper

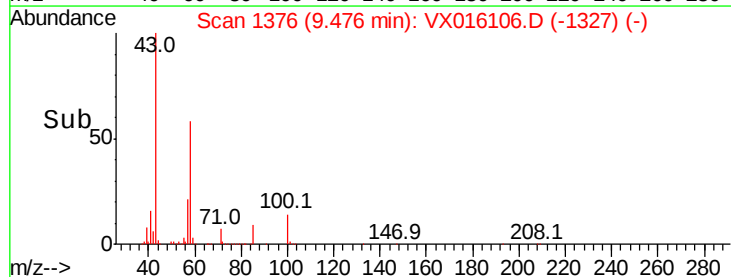
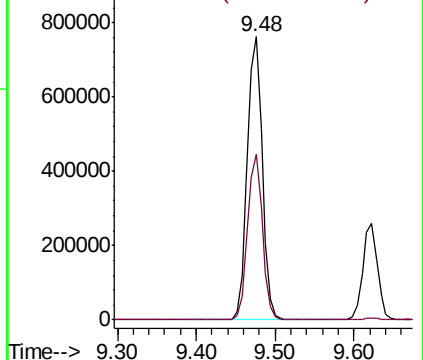
43 100

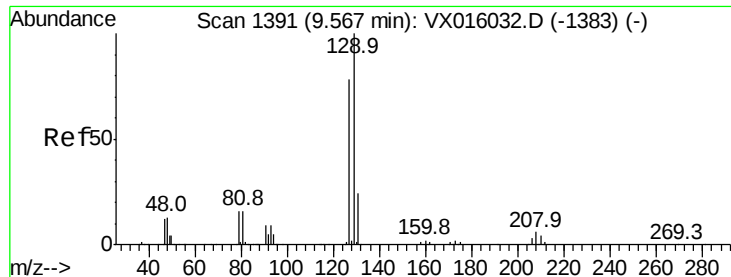
58 57.8 28.6 85.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 52.092 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

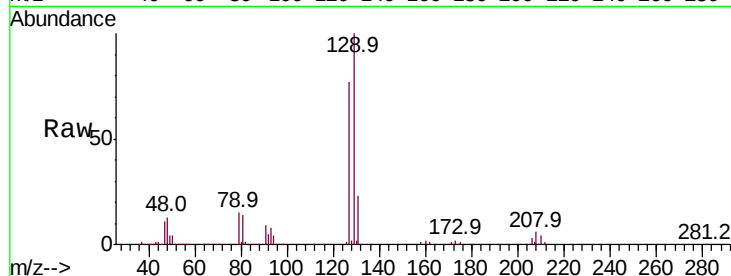
SS038RW151-200503MSD

Tot Ion:129 Resp: 182070

Ion Ratio Lower Upper

129 100

127 77.3 38.4 115.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

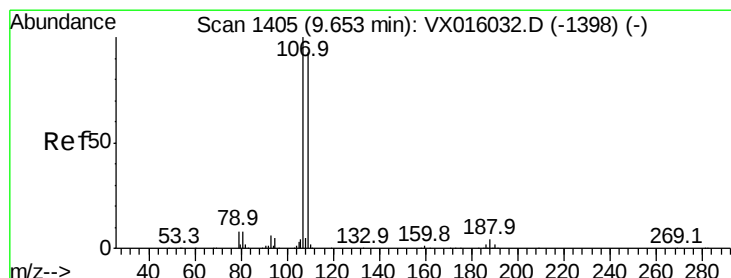
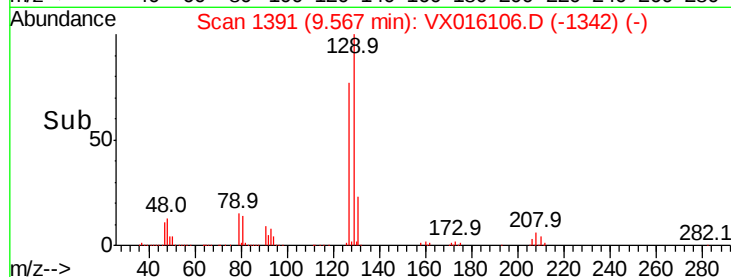
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 50.132 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016106.D

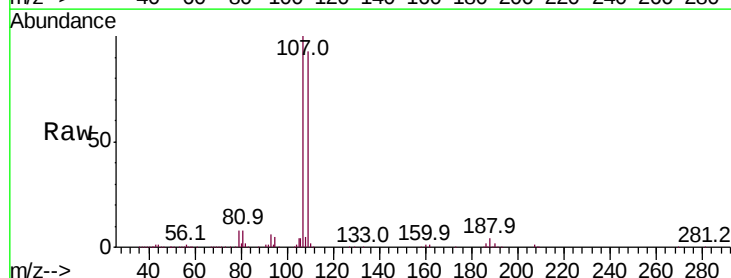
Acq: 07 May 2020 19:51

Tgt Ion:107 Resp: 172328

Ion Ratio Lower Upper

107 100

109 95.4 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

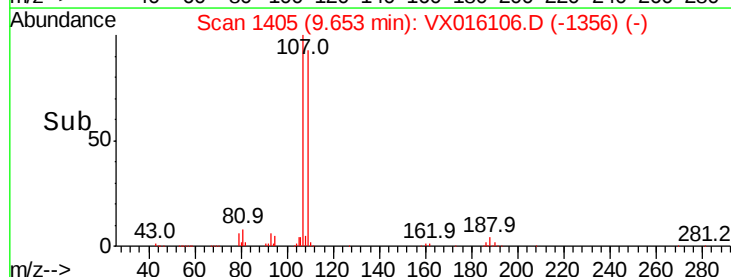
9.65

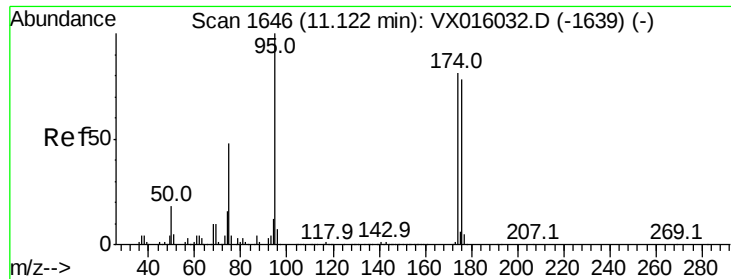
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 51.150 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

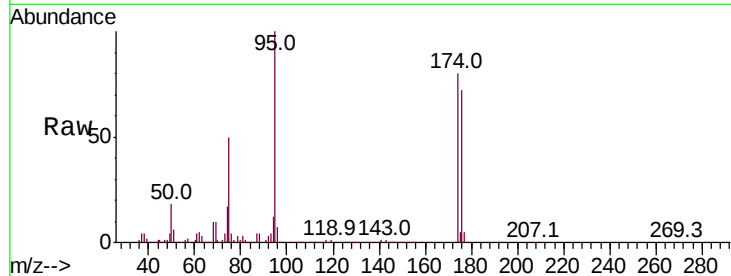
Tot Ion: 95 Resp: 213378

Ion Ratio Lower Upper

95 100

174 81.4 0.0 159.4

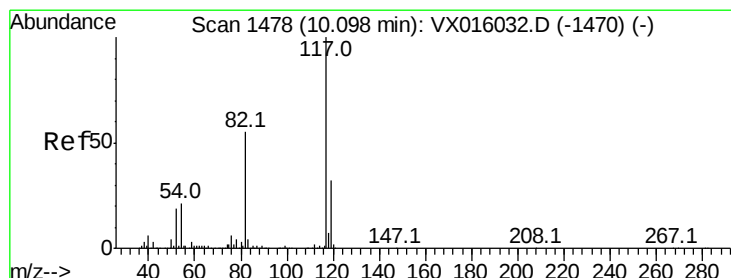
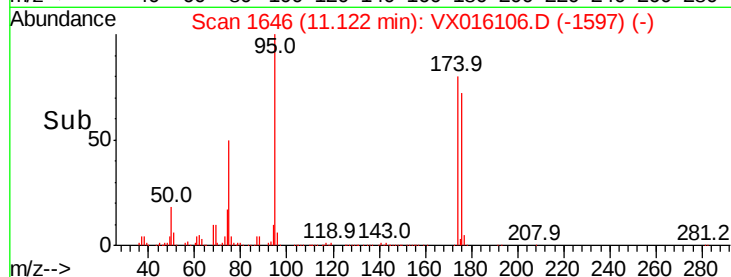
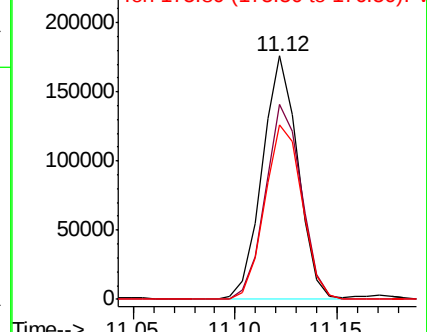
176 75.8 0.0 157.6



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: VX016106.D

Acq: 07 May 2020 19:51

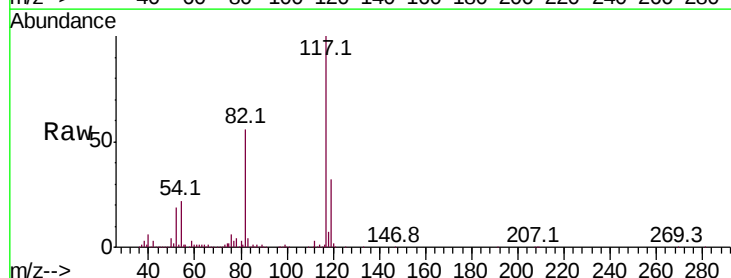
Tgt Ion: 117 Resp: 423694

Ion Ratio Lower Upper

117 100

82 55.7 44.4 66.6

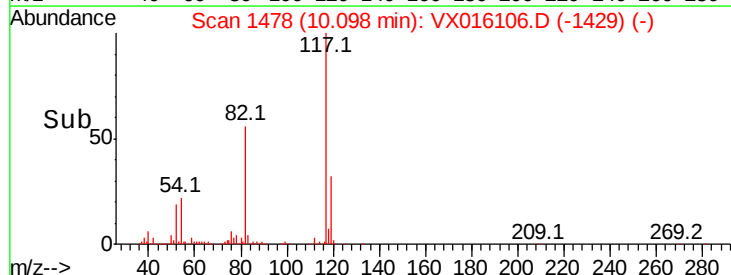
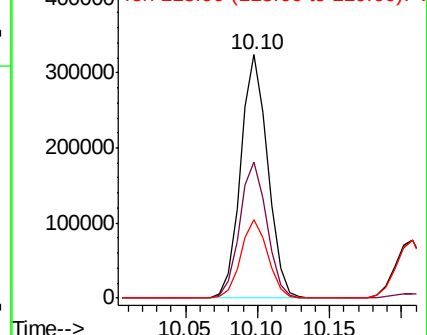
119 32.3 25.5 38.3

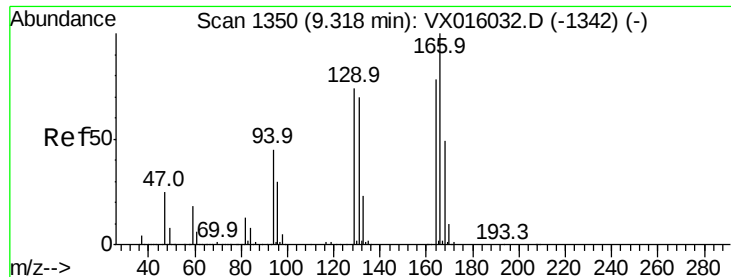


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 46.314 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

Tot Ion:164 Resp: 240899

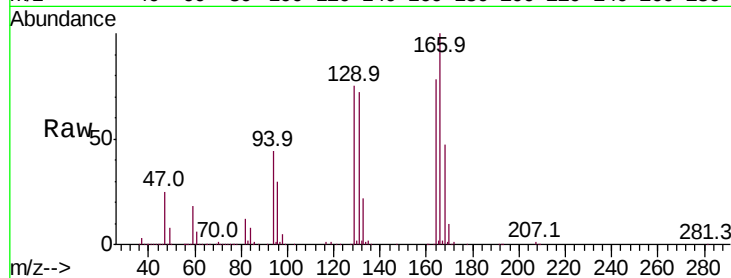
Ion Ratio Lower Upper

164 100

166 127.7 102.9 154.3

129 95.7 76.1 114.1

131 91.7 71.9 107.9



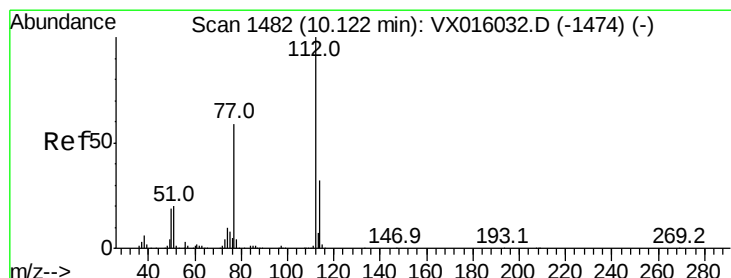
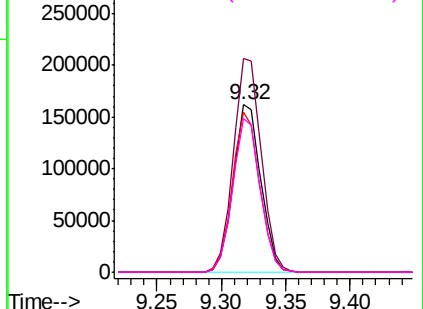
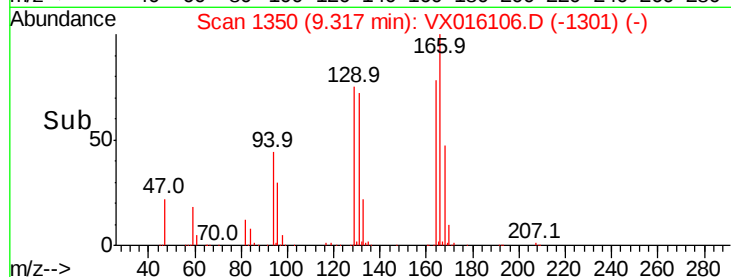
Abundance

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: 103.899 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016106.D

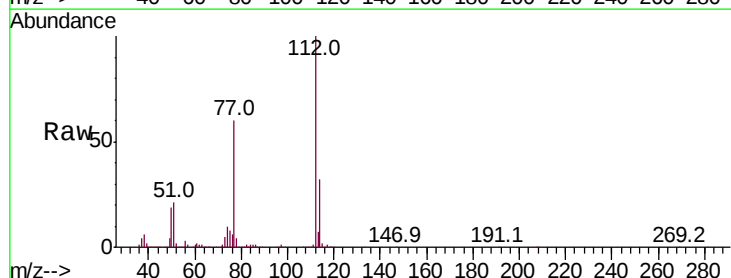
Acq: 07 May 2020 19:51

Tgt Ion:112 Resp: 921755

Ion Ratio Lower Upper

112 100

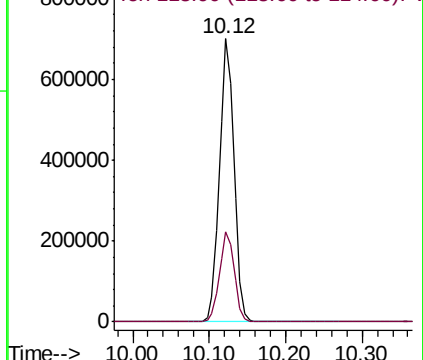
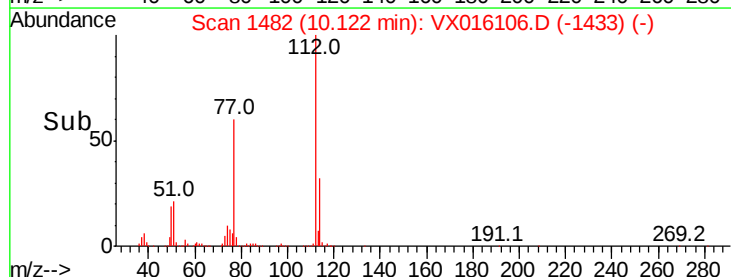
114 31.7 25.7 38.5

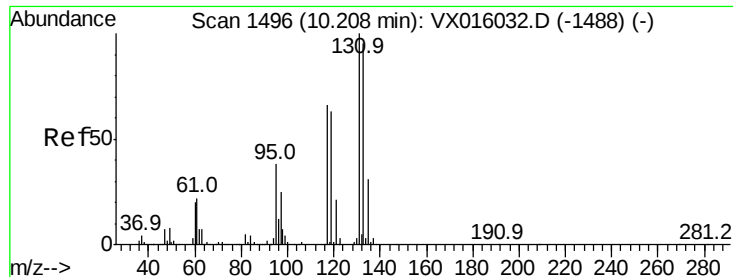


Abundance

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: 49.488 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

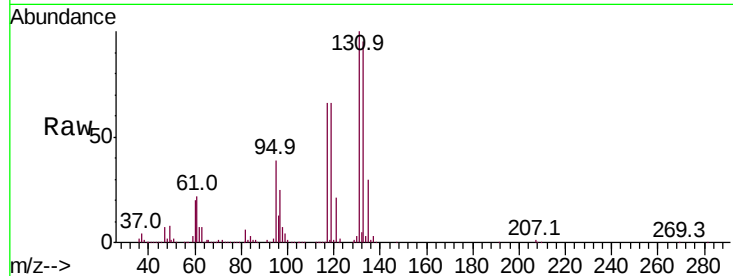
Tot Ion:131 Resp: 162273

Ion Ratio Lower Upper

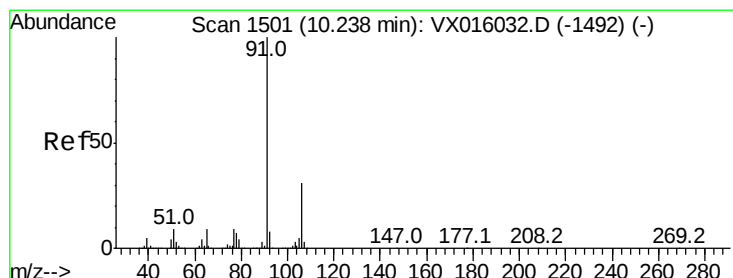
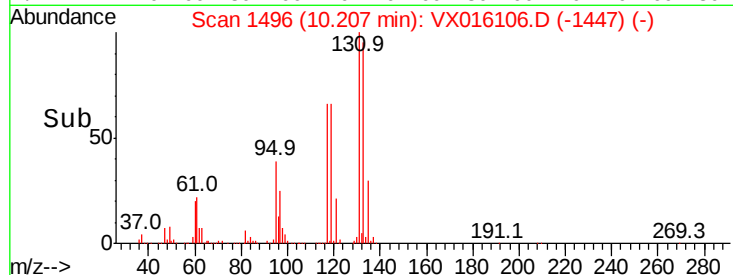
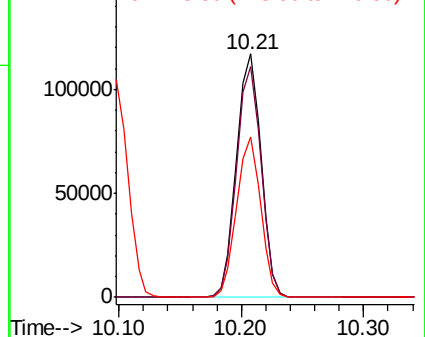
131 100

133 94.7 48.3 144.8

119 64.9 32.3 96.9



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: 48.727 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016106.D

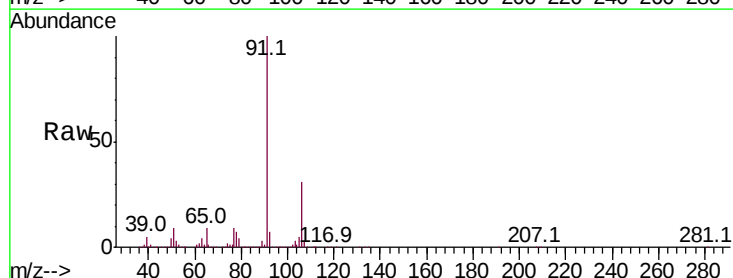
Acq: 07 May 2020 19:51

Tgt Ion: 91 Resp: 771319

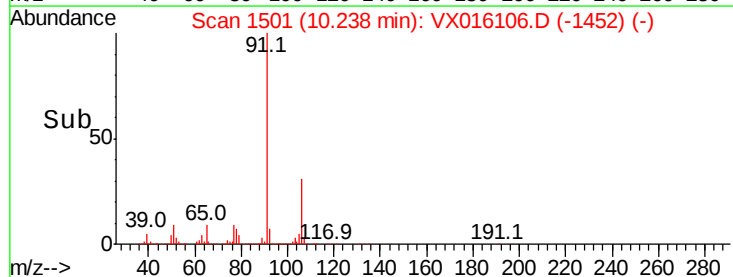
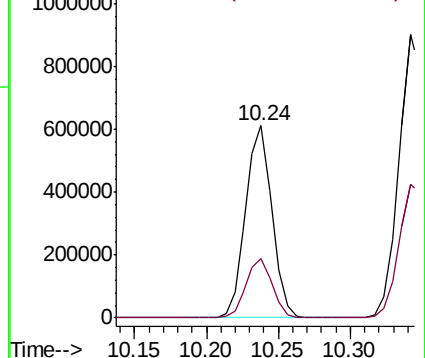
Ion Ratio Lower Upper

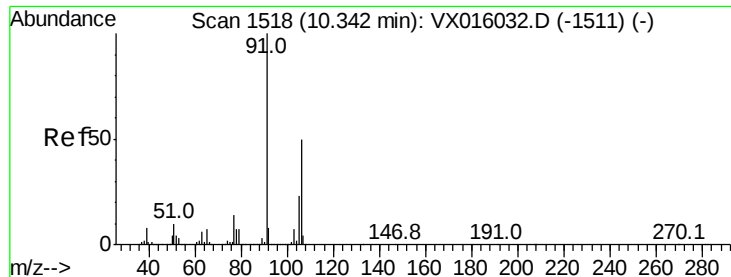
91 100

106 31.2 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 98.387 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

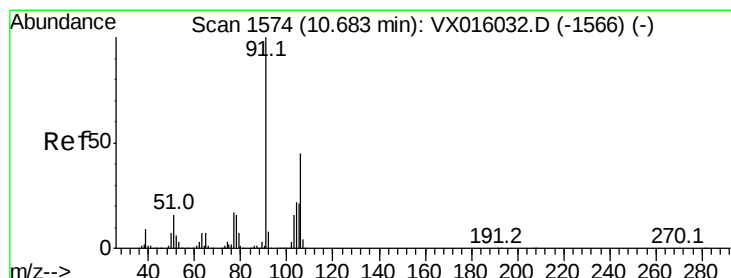
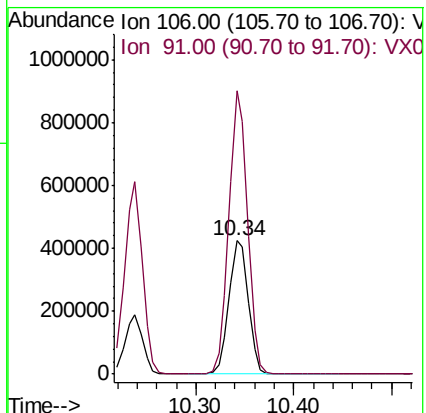
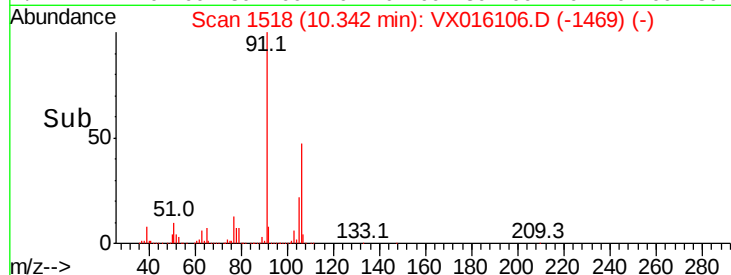
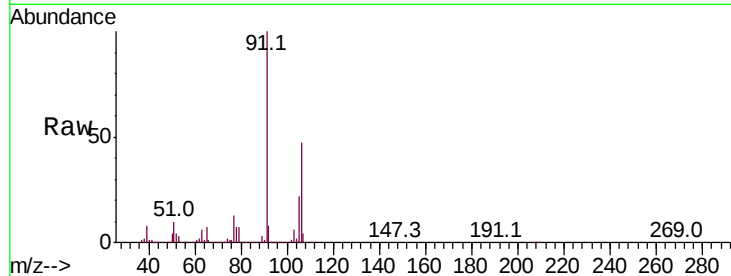
SS038RW151-200503MSD

Tot Ion:106 Resp: 583498

Ion Ratio Lower Upper

106 100

91 204.2 161.7 242.5



#69

o-Xylene

Concen: 50.142 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016106.D

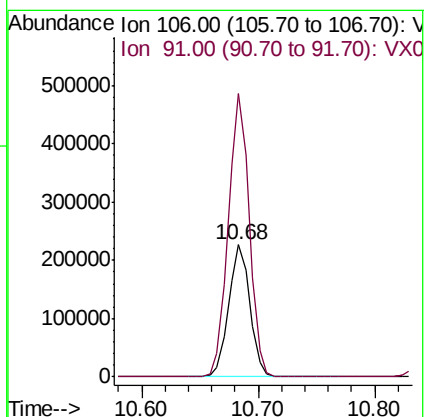
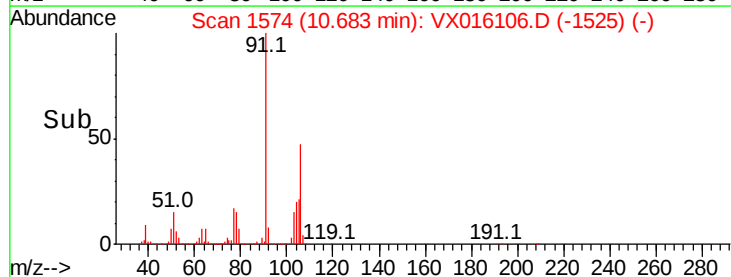
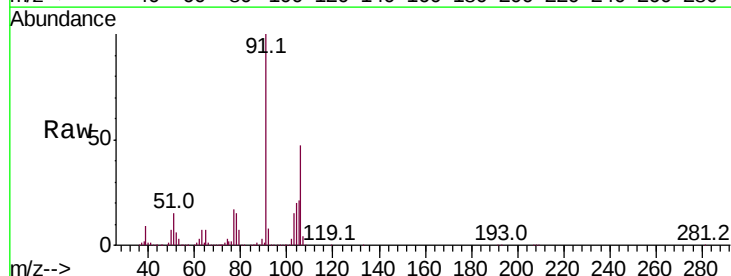
Acq: 07 May 2020 19:51

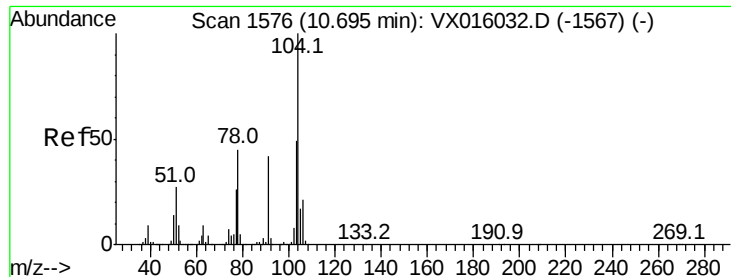
Tgt Ion:106 Resp: 285846

Ion Ratio Lower Upper

106 100

91 212.9 107.5 322.6

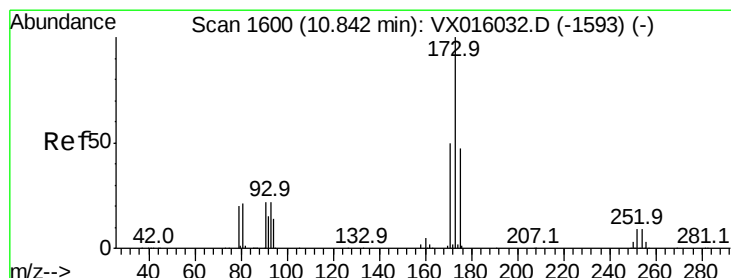
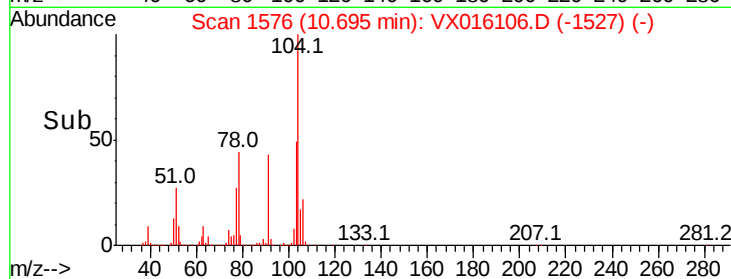
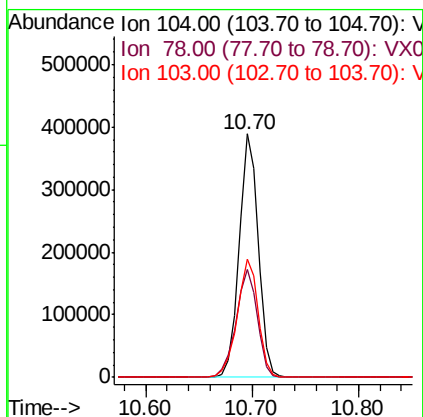
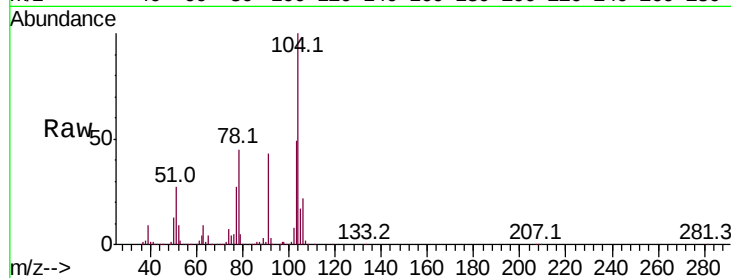




#70
Stvrene
Concen: 50.779 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

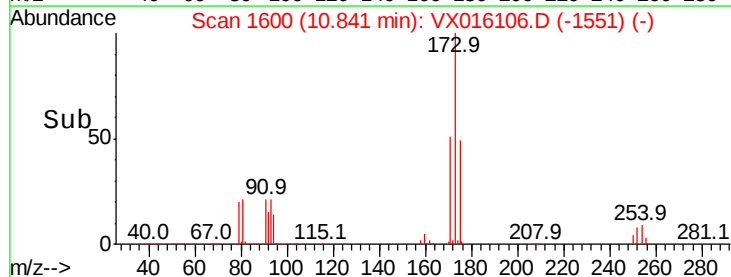
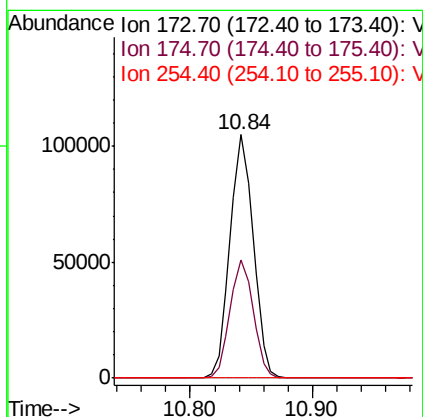
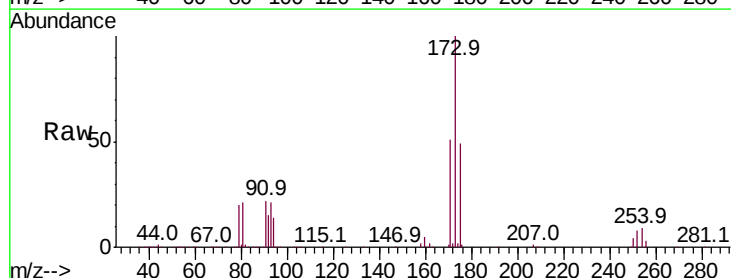
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MSD

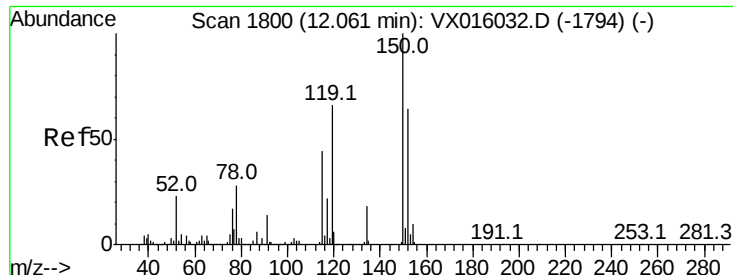
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.5	40.2	60.2
103	53.2	43.0	64.6



#71
Bromoform
Concen: 51.757 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.0	72.0
254	0.1	0.1	0.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

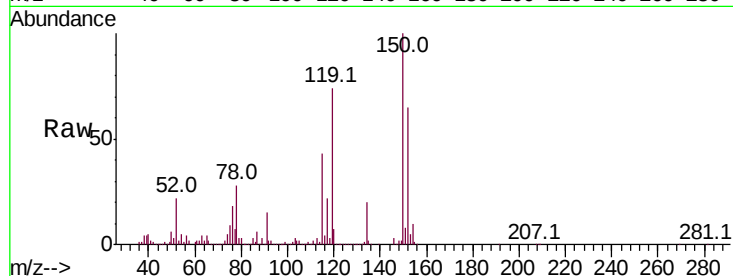
Tot Ion:152 Resp: 216851

Ion Ratio Lower Upper

152 100

115 82.0 41.3 124.1

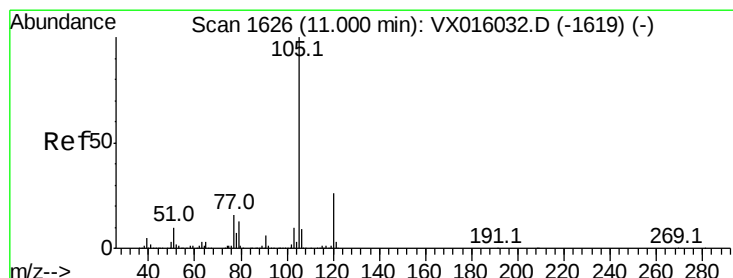
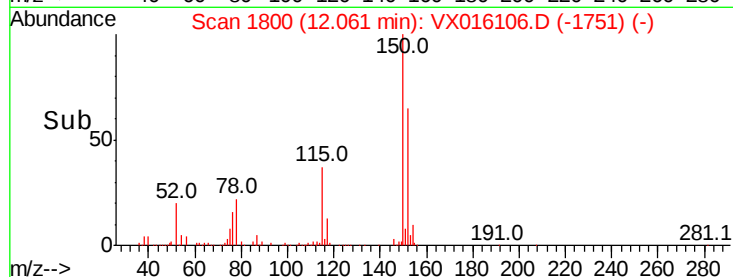
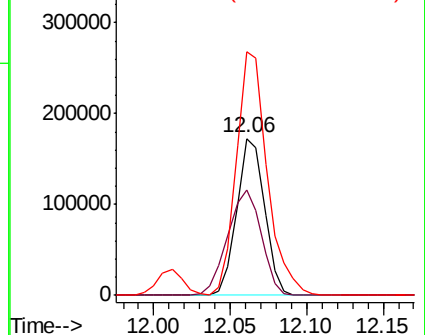
150 173.0 0.0 352.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 49.022 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016106.D

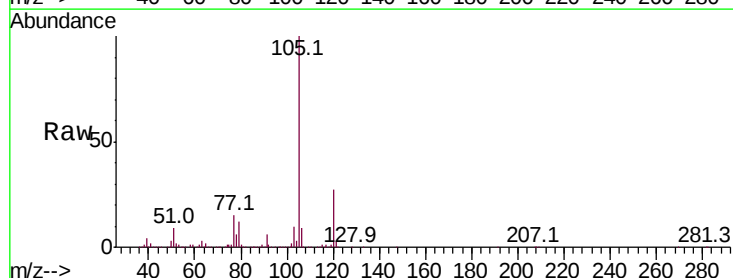
Acq: 07 May 2020 19:51

Tgt Ion:105 Resp: 773202

Ion Ratio Lower Upper

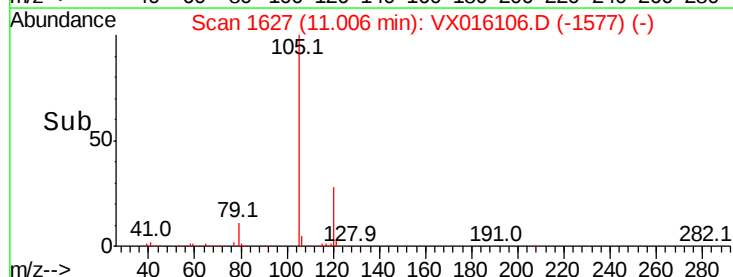
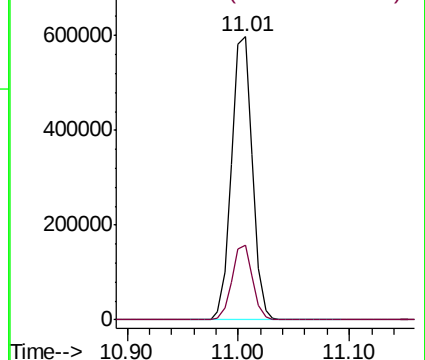
105 100

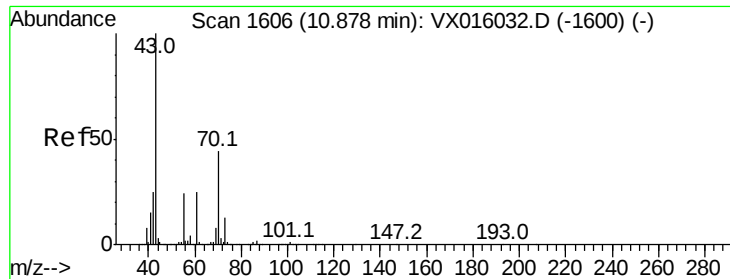
120 26.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.429 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

Tot Ion: 43 Resp: 334219

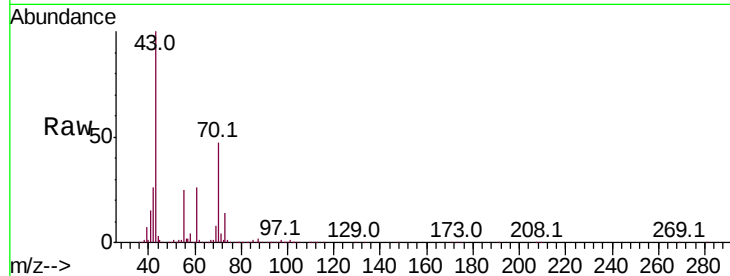
Ion Ratio Lower Upper

43 100

70 45.5 36.5 54.7

55 25.1 19.7 29.5

61 25.9 20.9 31.3

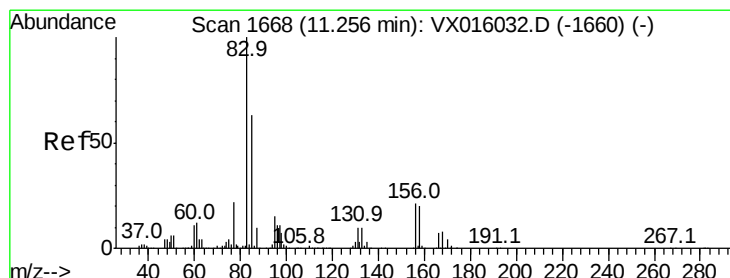
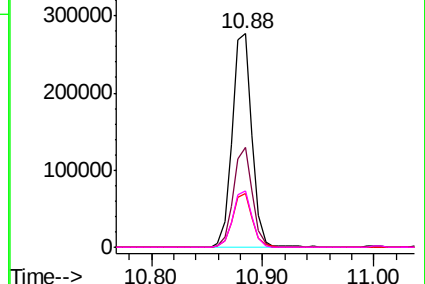
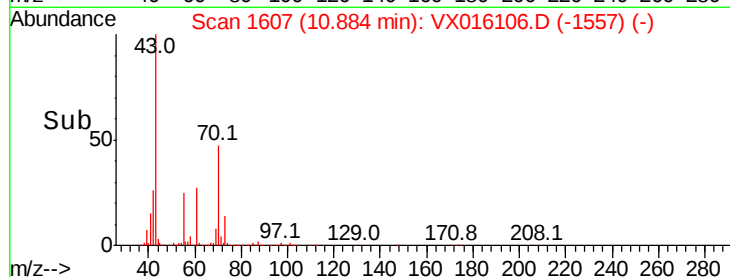


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 56.578 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

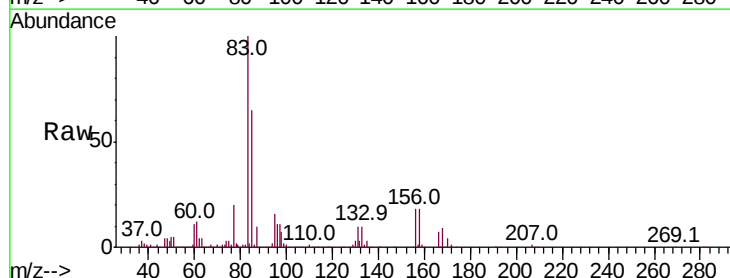
Tgt Ion: 83 Resp: 178228

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

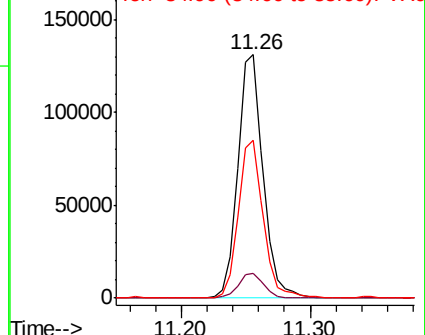
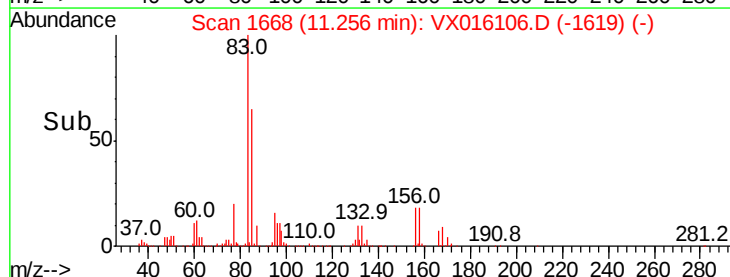
85 64.3 32.0 96.0

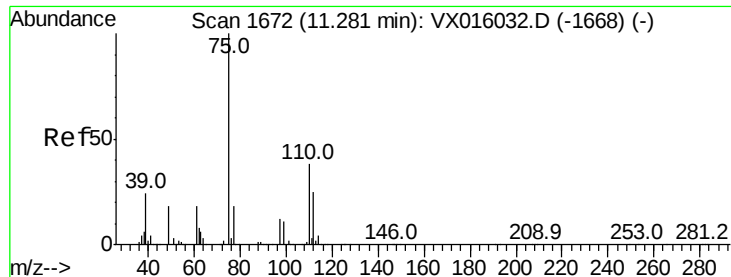


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

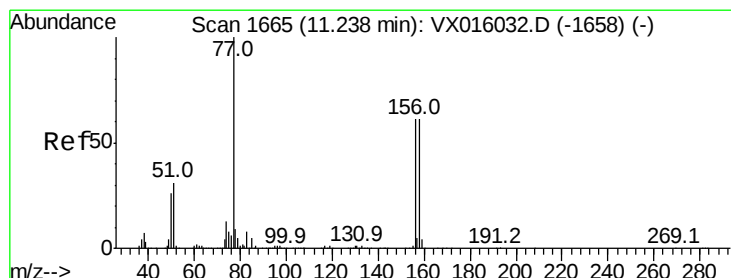
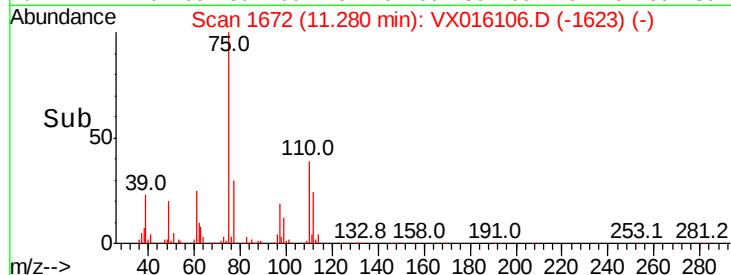
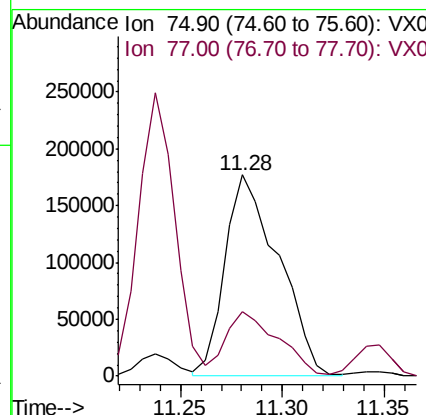
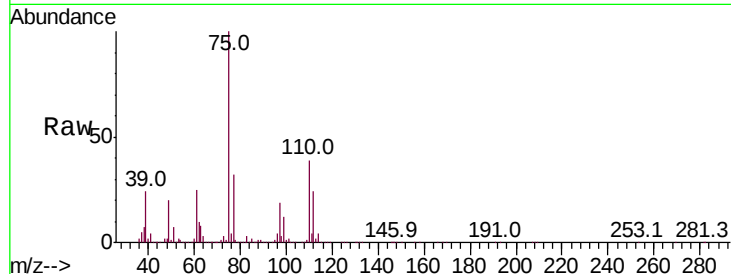




#76
 1,2,3-Trichloropropane
 Concen: 65.424 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

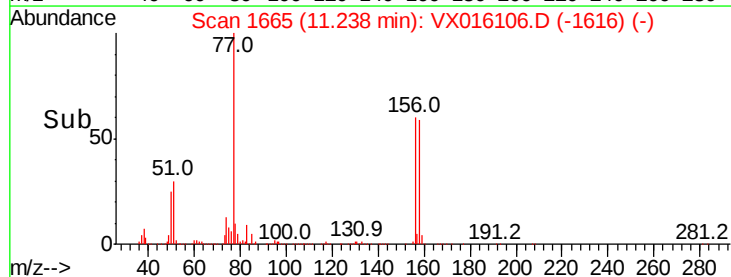
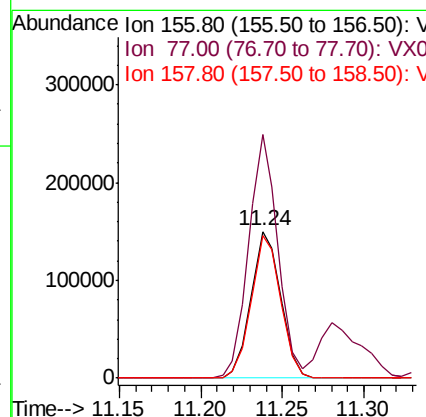
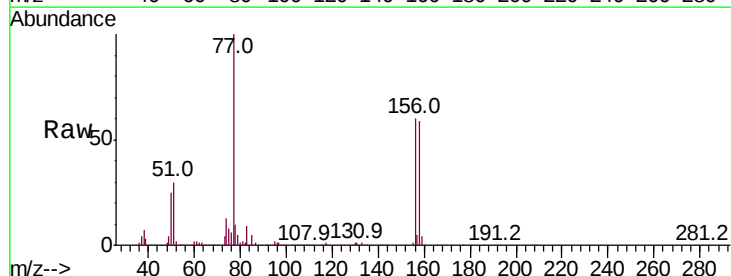
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MSD

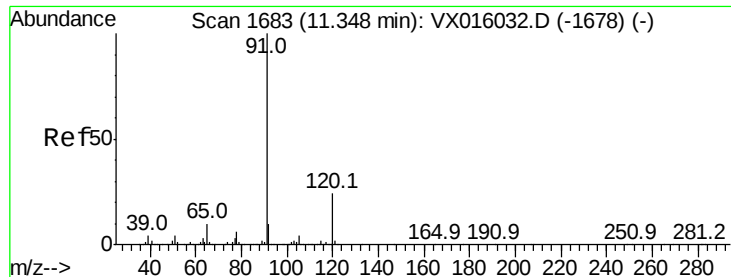
Tot Ion: 75 Resp: 321944
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.2 63.6



#77
 Bromobenzene
 Concen: 46.947 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Tgt Ion: 156 Resp: 191127
 Ion Ratio Lower Upper
 156 100
 77 162.0 80.1 240.3
 158 96.4 49.4 148.2





#78

n-propylbenzene

Concen: 47.816 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

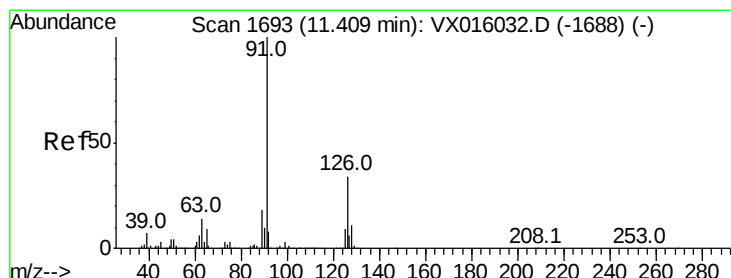
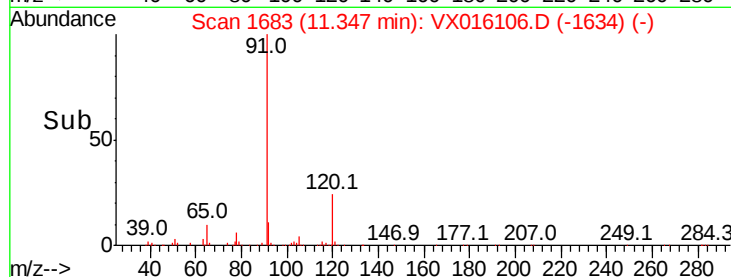
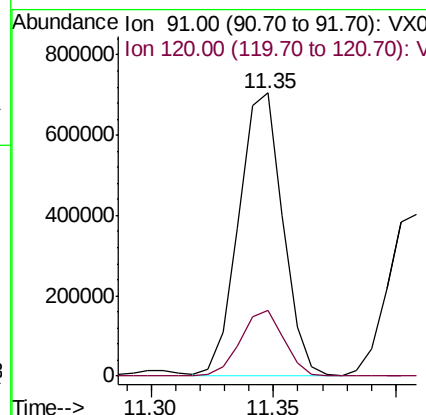
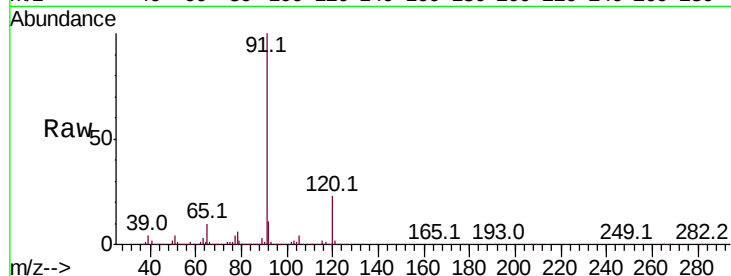
SS038RW151-200503MSD

Tot Ion: 91 Resp: 877379

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.5



#79

2-Chlorotoluene

Concen: 47.611 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016106.D

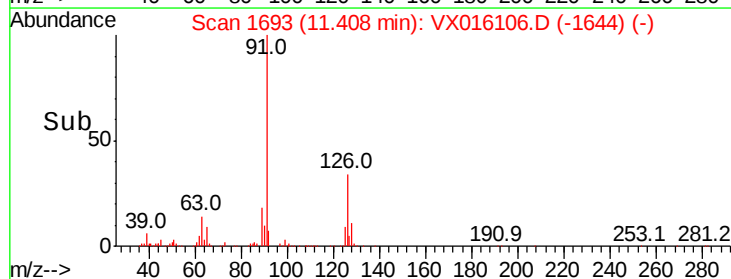
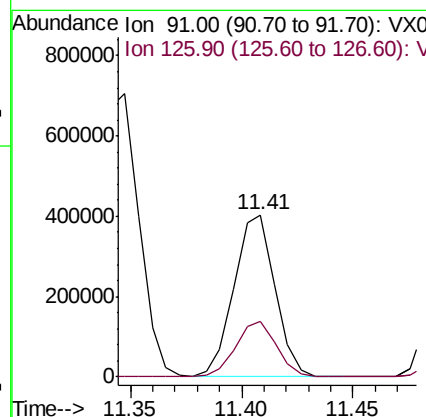
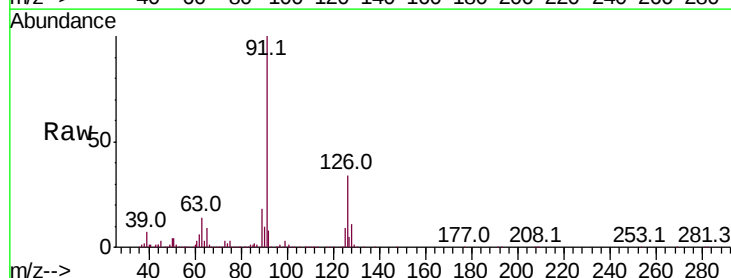
Acq: 07 May 2020 19:51

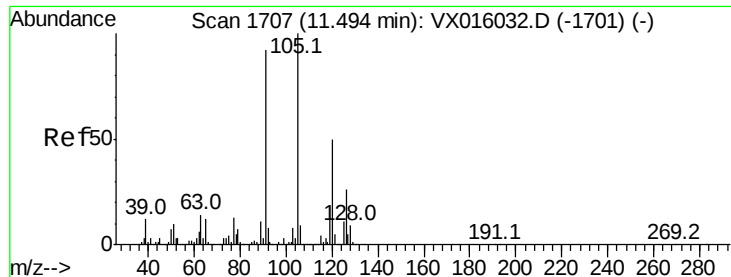
Tgt Ion: 91 Resp: 515664

Ion Ratio Lower Upper

91 100

126 34.0 16.9 50.6





#80

1,3,5-Trimethylbenzene

Concen: 48.125 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

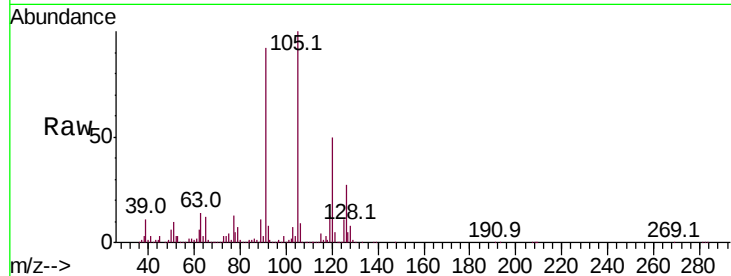
SS038RW151-200503MSD

Tot Ion:105 Resp: 640884

Ion Ratio Lower Upper

105 100

120 48.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

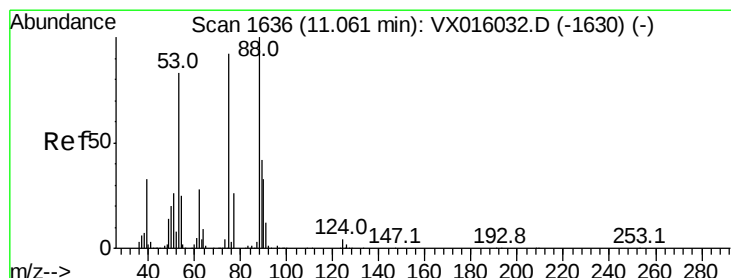
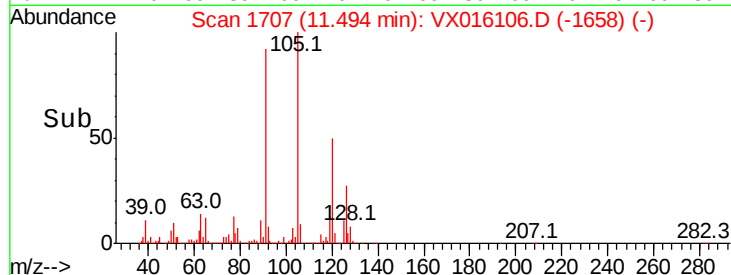
200000

100000

0

11.45 11.50 11.55

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 46.843 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

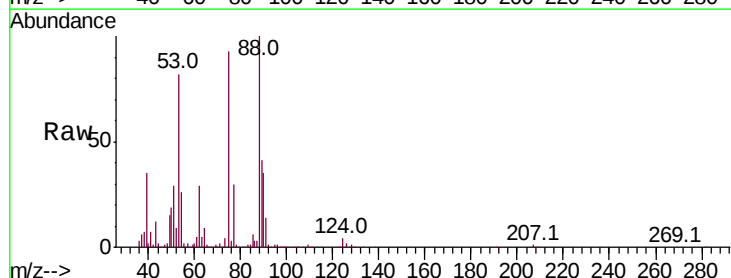
Tgt Ion: 75 Resp: 96727

Ion Ratio Lower Upper

75 100

53 90.0 73.1 109.7

89 45.0 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

120000

100000

80000

60000

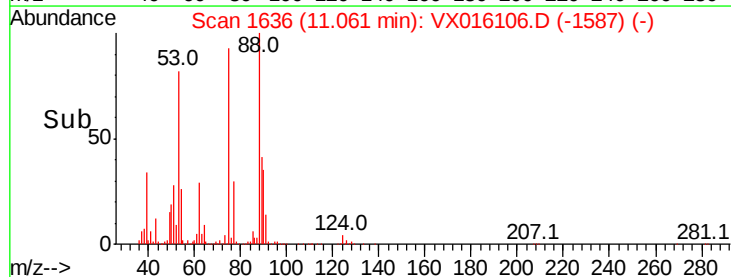
40000

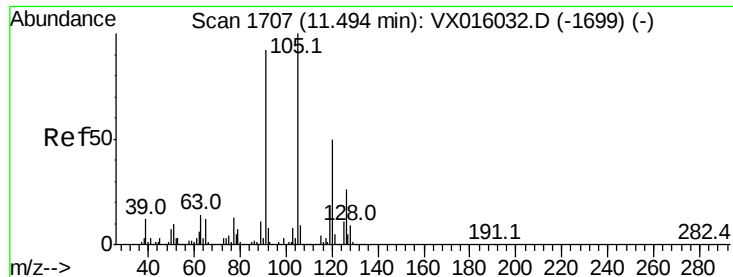
20000

0

11.00 11.05 11.10

Time-->

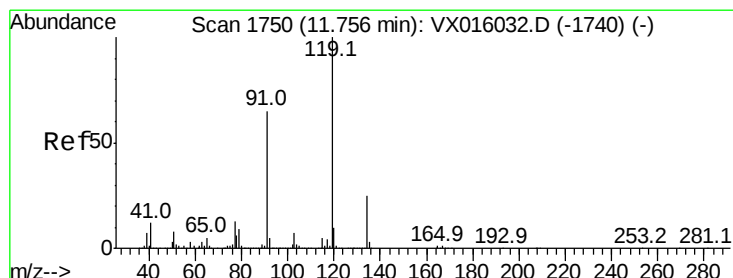
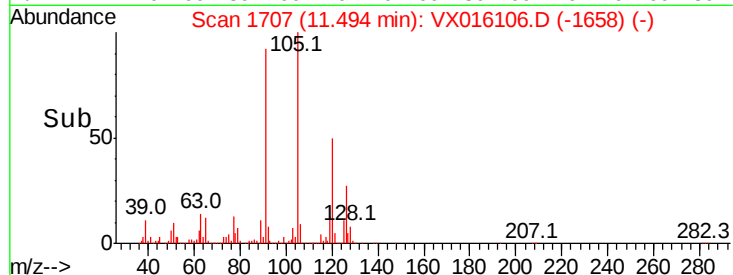
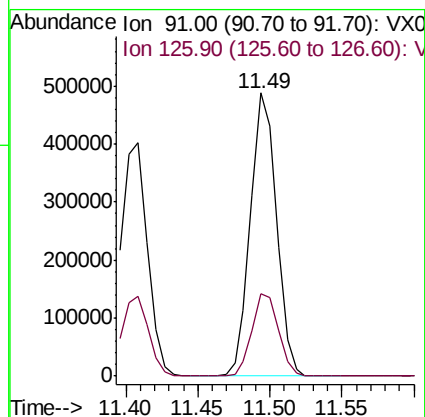
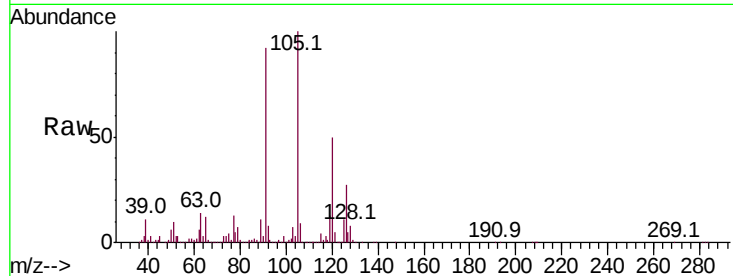




#82
4-Chlorotoluene
Concen: 47.685 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

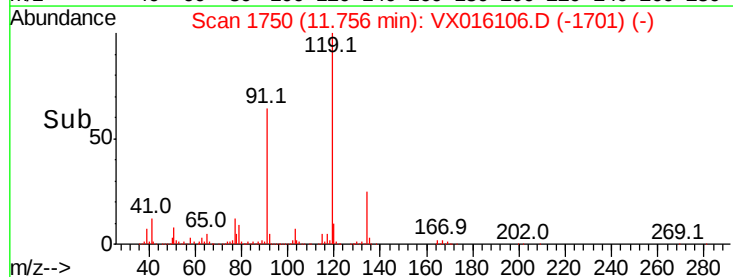
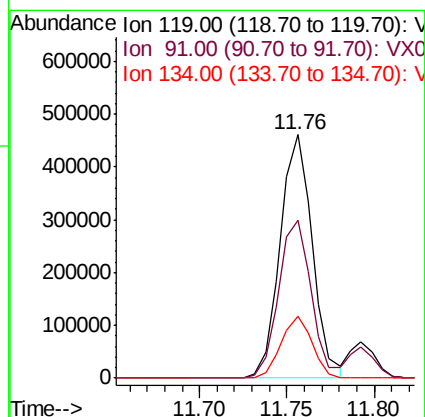
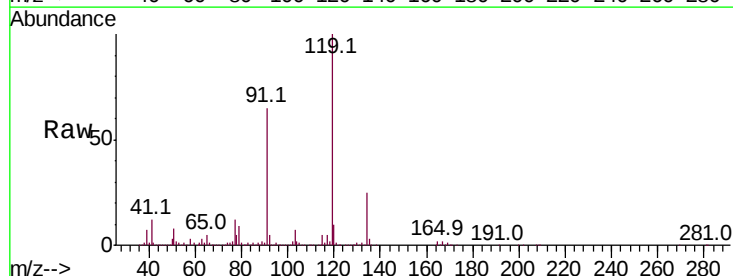
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MSD

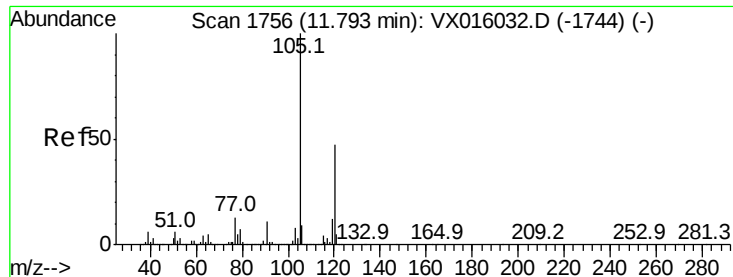
Tot Ion: 91 Resp: 609889
Ion Ratio Lower Upper
91 100
126 29.6 14.8 44.3



#83
tert-Butylbenzene
Concen: 51.568 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion: 119 Resp: 591828
Ion Ratio Lower Upper
119 100
91 66.0 32.8 98.4
134 24.5 12.4 37.0

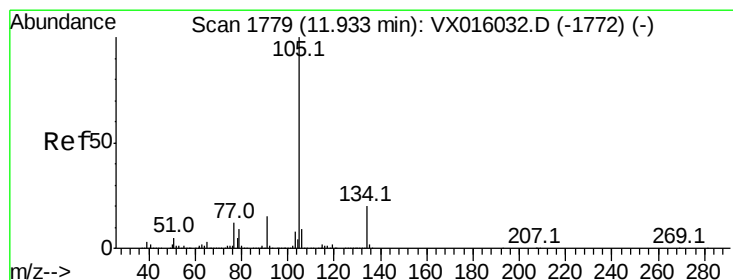
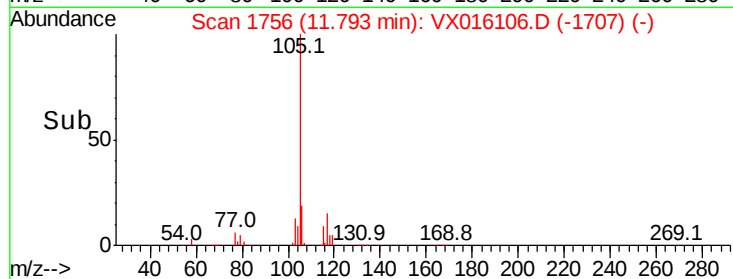
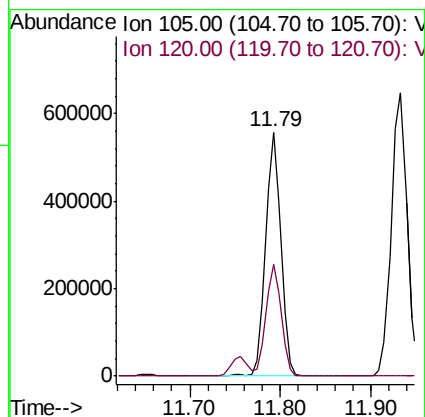
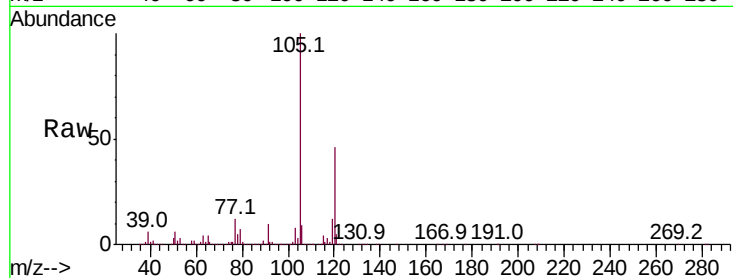




#84
1,2,4-Trimethylbenzene
Concen: 48.504 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

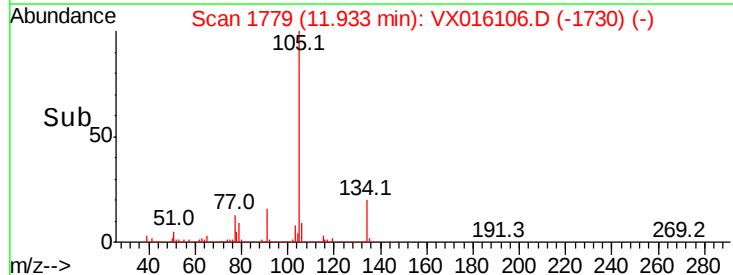
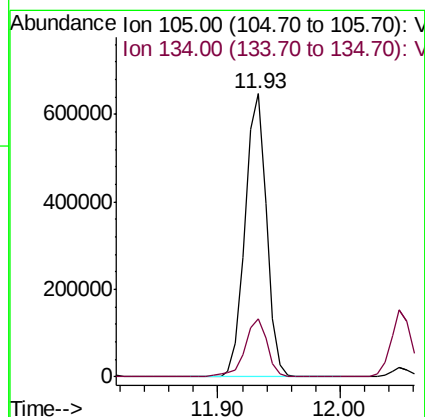
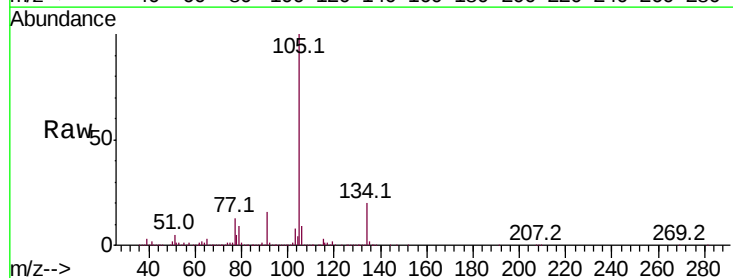
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MSD

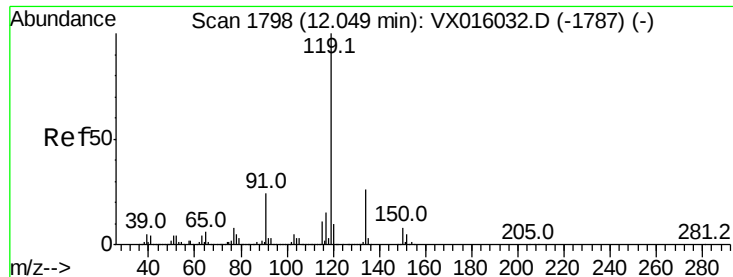
Tot Ion:105 Resp: 653034
Ion Ratio Lower Upper
105 100
120 45.9 23.0 69.0



#85
sec-Butylbenzene
Concen: 50.448 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion:105 Resp: 781716
Ion Ratio Lower Upper
105 100
134 21.5 10.1 30.3

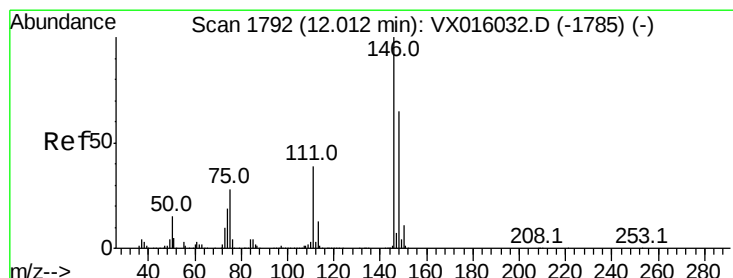
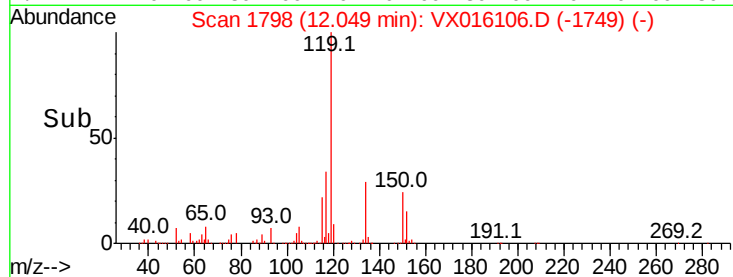
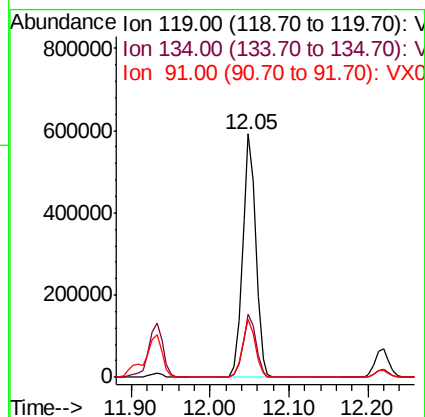
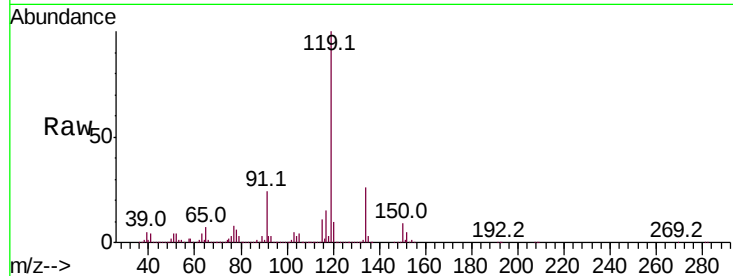




#86
p-Isopropyltoluene
Concen: 47.737 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

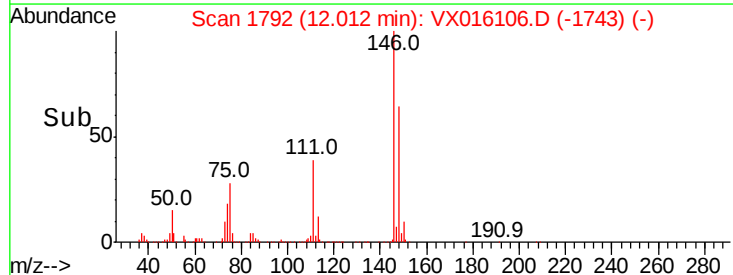
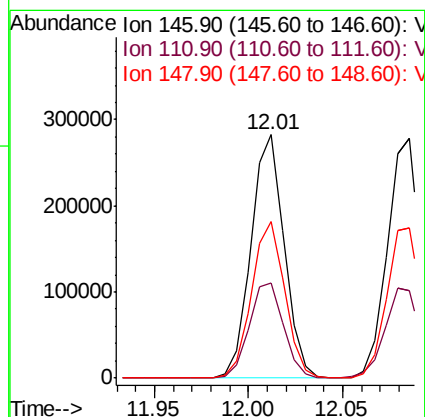
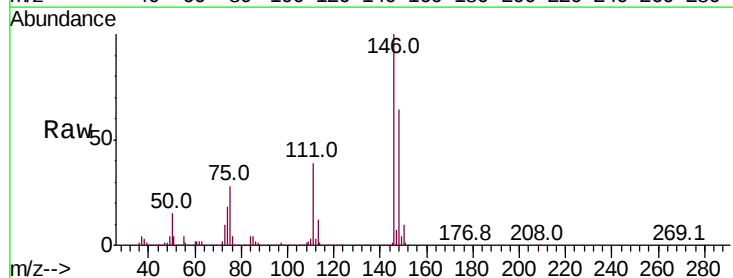
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MSD

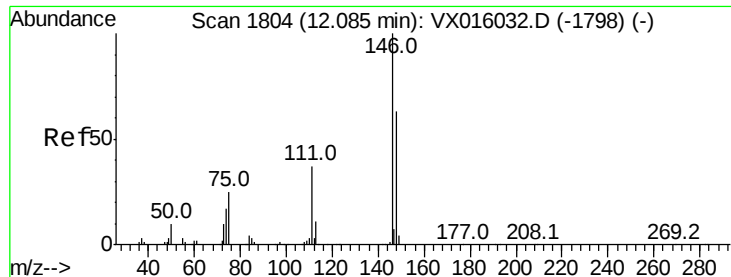
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.1	39.3
91	23.5	11.8	35.4



#87
1,3-Dichlorobenzene
Concen: 47.181 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.6
148	64.2	32.1	96.3

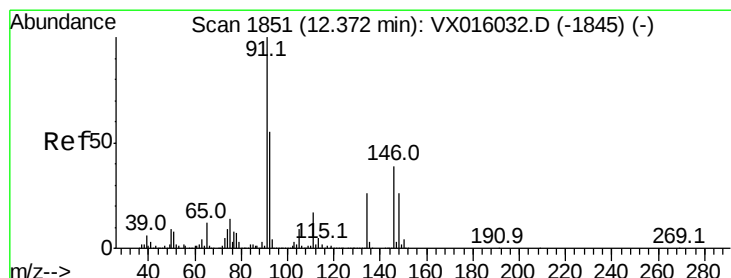
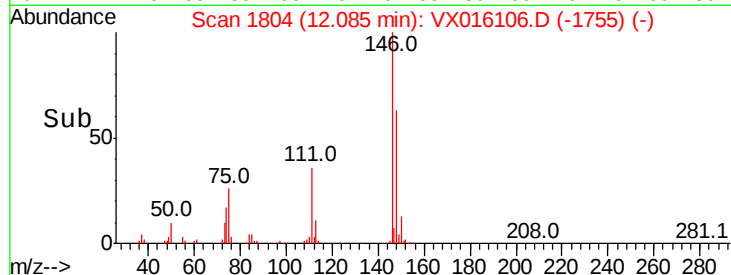
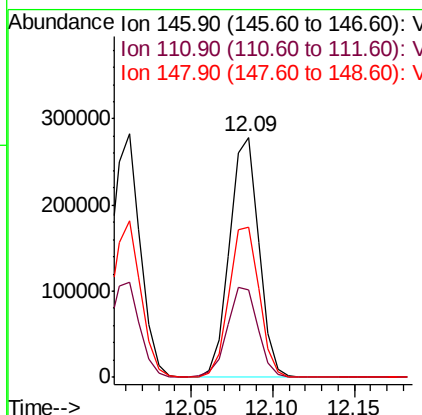
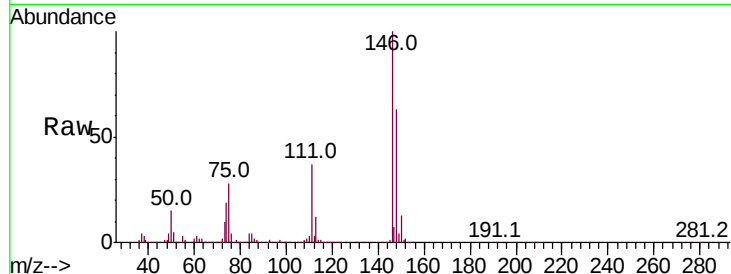




#88
 1,4-Dichlorobenzene
 Concen: 46.933 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

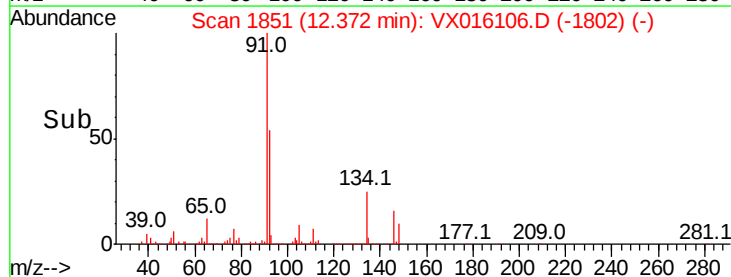
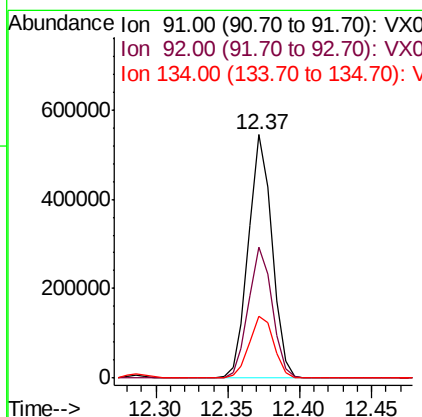
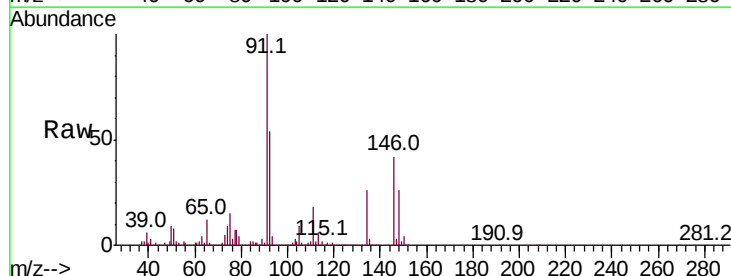
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MSD

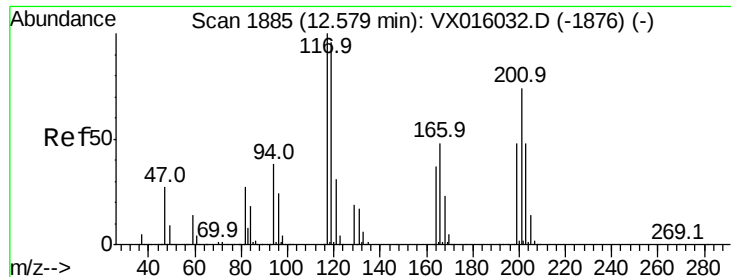
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.6	58.7
148	64.5	31.8	95.3



#89
 n-Butylbenzene
 Concen: 46.765 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.6	82.7
134	26.8	13.4	40.1





#90

Hexachloroethane

Concen: 48.821 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

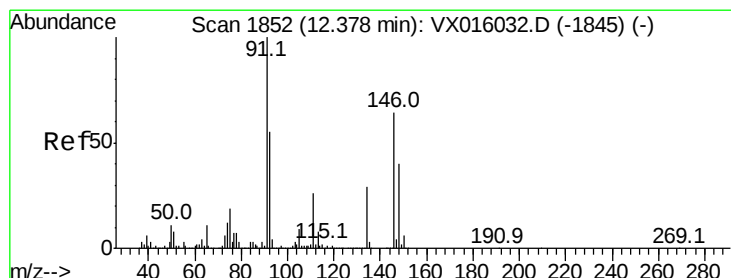
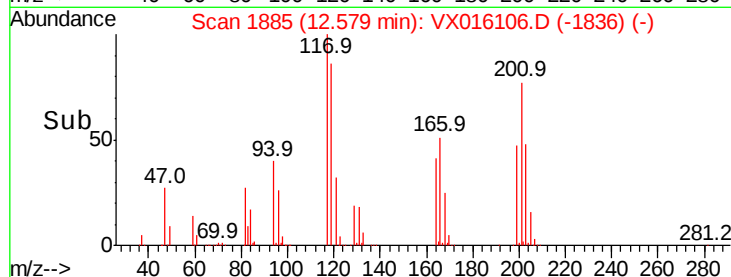
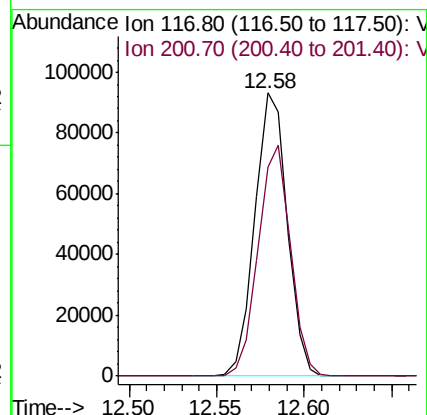
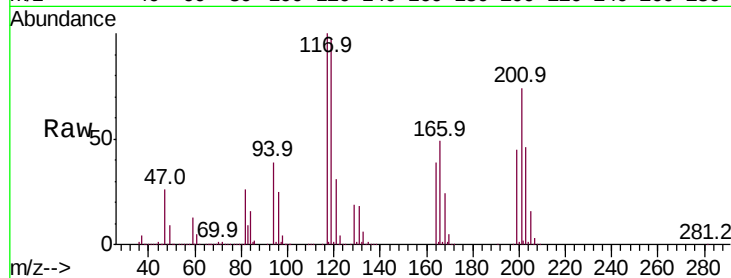
SS038RW151-200503MSD

Tot Ion:117 Resp: 120627

Ion Ratio Lower Upper

117 100

201 81.0 39.8 119.3



#91

1,2-Dichlorobenzene

Concen: 47.220 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

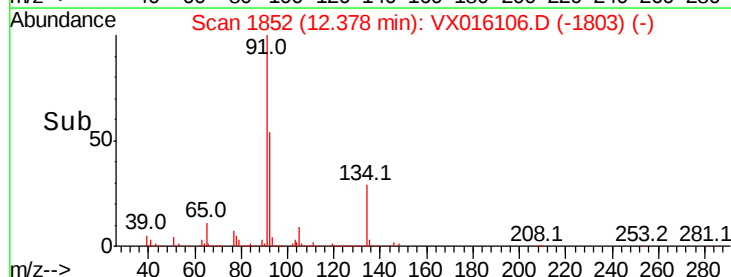
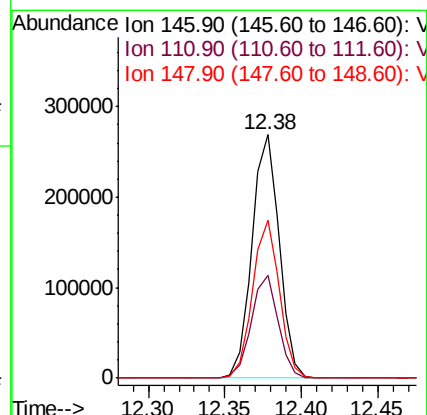
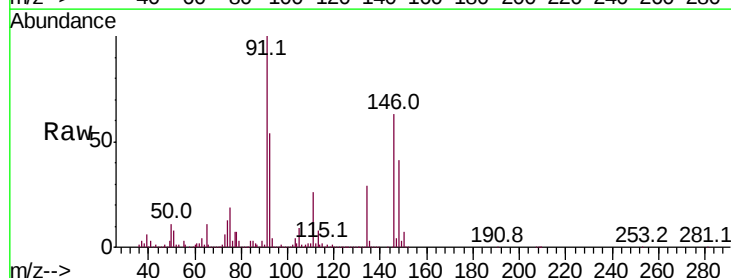
Tgt Ion:146 Resp: 332370

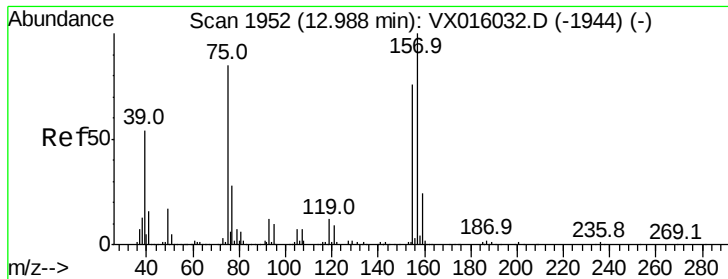
Ion Ratio Lower Upper

146 100

111 41.6 21.1 63.1

148 63.9 32.4 97.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 46.899 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

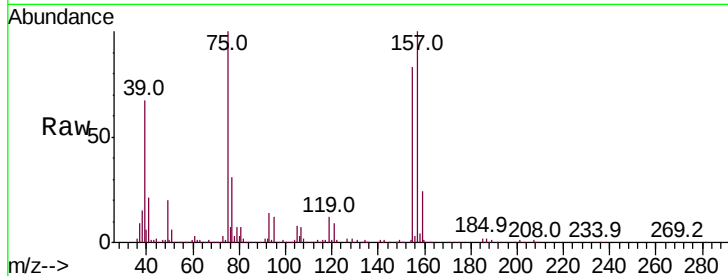
Tot Ion: 75 Resp: 60824

Ion Ratio Lower Upper

75 100

155 88.4 42.5 127.5

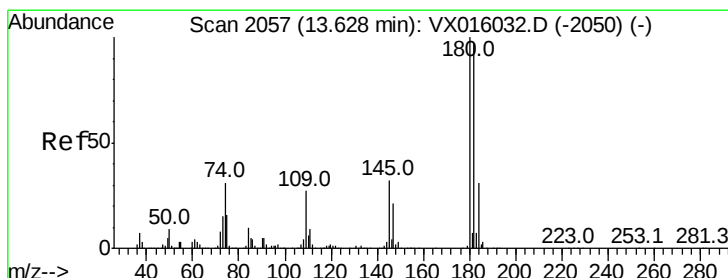
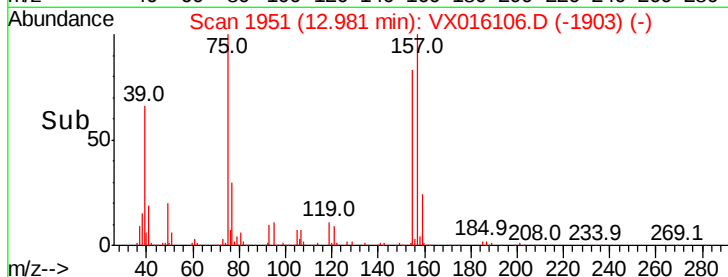
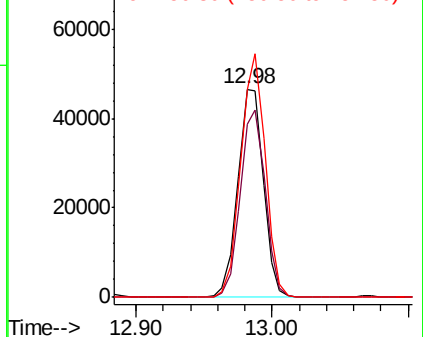
157 112.3 55.3 165.8



Abundance Ion 74.90 (74.60 to 75.60): VX016106.D (-1903) (-)

Ion 154.80 (154.50 to 155.50): VX016106.D (-1903) (-)

Ion 156.80 (156.50 to 157.50): VX016106.D (-1903) (-)



#93

1,2,4-Trichlorobenzene

Concen: 45.858 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

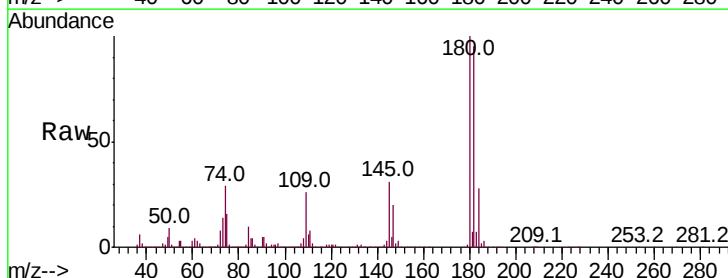
Tgt Ion:180 Resp: 238975

Ion Ratio Lower Upper

180 100

182 95.6 48.7 146.1

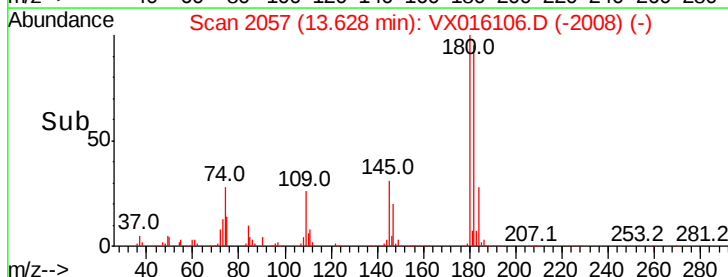
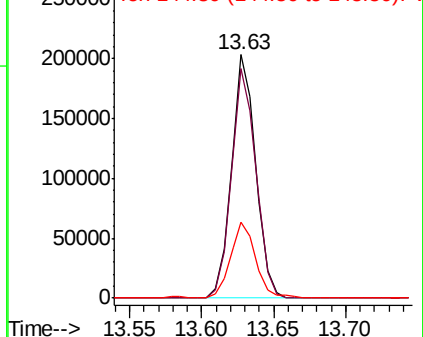
145 32.7 15.7 47.1

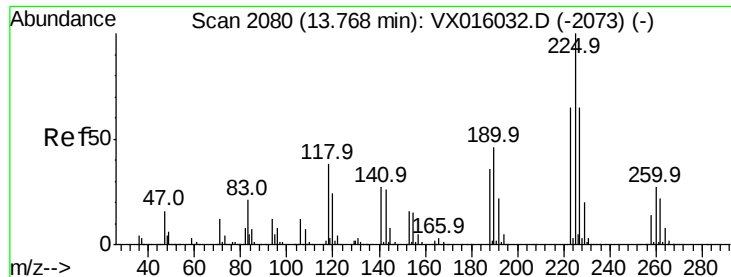


Abundance Ion 179.80 (179.50 to 180.50): VX016106.D (-2008) (-)

Ion 181.80 (181.50 to 182.50): VX016106.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX016106.D (-2008) (-)





#94

Hexachlorobutadiene

Concen: 47.621 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

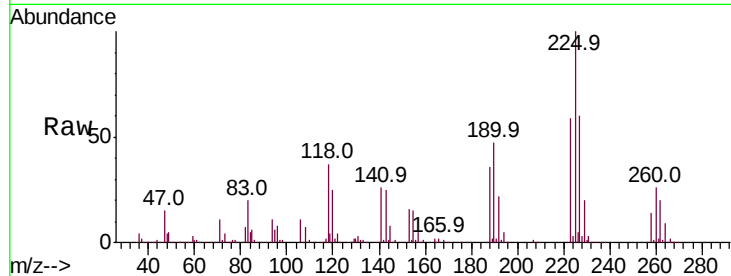
Tot Ion:225 Resp: 106802

Ion Ratio Lower Upper

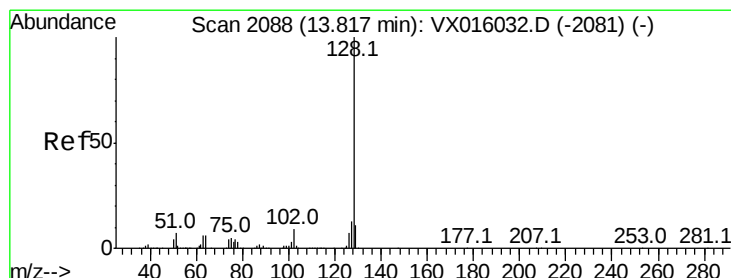
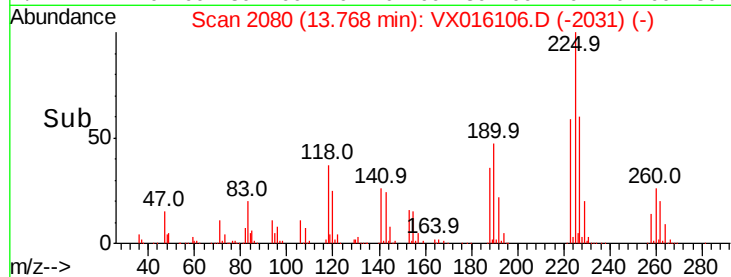
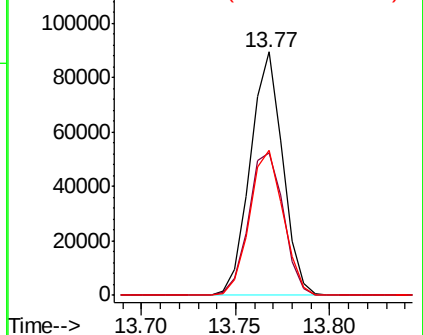
225 100

223 62.9 32.3 96.9

227 61.9 31.8 95.4



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: 47.833 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

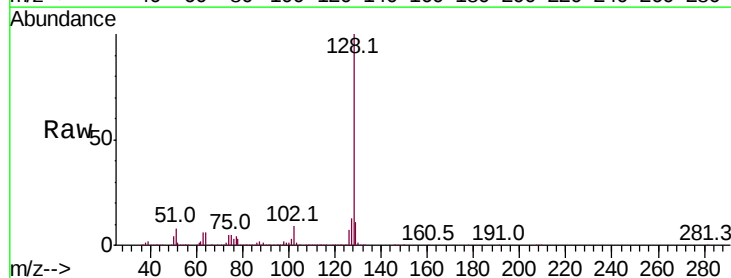
Tgt Ion:128 Resp: 807116

Ion Ratio Lower Upper

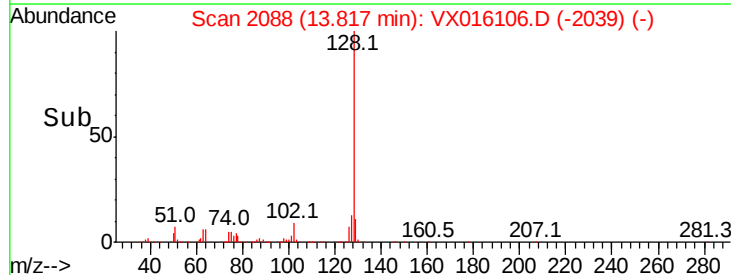
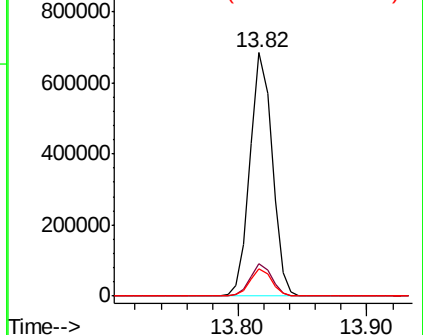
128 100

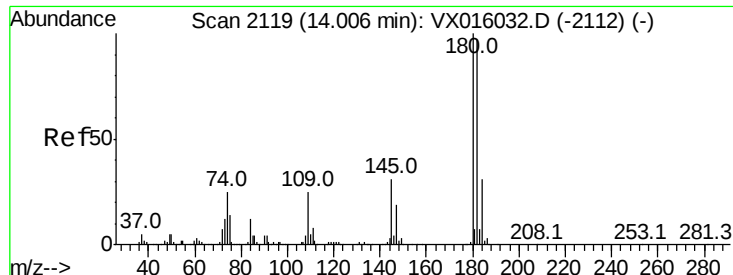
127 13.0 10.2 15.4

129 11.0 8.7 13.1



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: 46.751 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.4	145.0
145	33.3	16.4	49.1

