

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009603.D
 Acq On : 19 Jul 2022 20:33
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 20 02:46:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	291660	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	449818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	407052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	208603	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	129860	47.078	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.160%
35) Dibromofluoromethane	7.710	113	138680	48.937	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.880%
50) Toluene-d8	10.173	98	535092	49.118	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	98.240%
62) 4-Bromofluorobenzene	12.477	95	195266	55.316	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	110.640%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	117670	45.979	ug/l	99
3) Chloromethane	2.107	50	130218	34.335	ug/l	96
4) Vinyl Chloride	2.241	62	129583	32.674	ug/l	97
5) Bromomethane	2.637	94	83063	30.944	ug/l	97
6) Chloroethane	2.784	64	70842	29.406	ug/l	99
7) Trichlorofluoromethane	3.113	101	213403	45.409	ug/l	93
8) Diethyl Ether	3.521	74	73639	47.892	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.887	101	130636	47.536	ug/l	94
10) Methyl Iodide	4.076	142	168535	46.168	ug/l	# 87
11) Tert butyl alcohol	4.948	59	56327	199.419	ug/l	# 94
12) 1,1-Dichloroethene	3.857	96	125383	46.747	ug/l	82
13) Acrolein	3.716	56	35805	181.564	ug/l	98
14) Allyl chloride	4.466	41	193136	46.549	ug/l	# 87
15) Acrylonitrile	5.149	53	168890	222.397	ug/l	97
16) Acetone	3.936	43	120719	173.002	ug/l	90
17) Carbon Disulfide	4.180	76	382777	45.907	ug/l	99
18) Methyl Acetate	4.466	43	77829	39.735	ug/l	# 88
19) Methyl tert-butyl Ether	5.210	73	342310	48.425	ug/l	97
20) Methylene Chloride	4.704	84	201511	59.637	ug/l	# 83
21) trans-1,2-Dichloroethene	5.204	96	145368	47.886	ug/l	86
22) Diisopropyl ether	6.112	45	413917	46.719	ug/l	# 89
23) Vinyl Acetate	6.051	43	1274659	228.026	ug/l	# 92
24) 1,1-Dichloroethane	6.009	63	244336	47.748	ug/l	99
25) 2-Butanone	6.978	43	207076	203.444	ug/l	# 85
26) 2,2-Dichloropropane	6.972	77	185918	40.557	ug/l	91
27) cis-1,2-Dichloroethene	6.978	96	163246	48.638	ug/l	83
28) Bromochloromethane	7.326	49	108141	49.323	ug/l	# 76
29) Tetrahydrofuran	7.338	42	144627	216.423	ug/l	# 87
30) Chloroform	7.496	83	250711	47.895	ug/l	100
31) Cyclohexane	7.777	56	219272	45.082	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	222855	47.464	ug/l	95
36) 1,1-Dichloropropene	7.911	75	190357	45.457	ug/l	95
37) Ethyl Acetate	7.063	43	96357	41.343	ug/l	# 92
38) Carbon Tetrachloride	7.893	117	200404	45.716	ug/l	97
39) Methylcyclohexane	9.173	83	251548	48.717	ug/l	91
40) Benzene	8.149	78	565302	46.134	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	131734	117.790	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	148805	43.290	ug/l	88
43) Isopropyl Acetate	8.264	43	189299	44.325	ug/l #	90
44) Trichloroethene	8.935	130	164466	47.194	ug/l	98
45) 1,2-Dichloropropane	9.209	63	141546	47.083	ug/l	94
46) Dibromomethane	9.301	93	80304	45.992	ug/l	95
47) Bromodichloromethane	9.490	83	190705	46.580	ug/l	98
48) Methyl methacrylate	9.289	41	85679	45.409	ug/l #	83
49) 1,4-Dioxane	9.289	88	22479	965.853	ug/l #	83
51) 4-Methyl-2-Pentanone	10.063	43	483836	218.196	ug/l	89
52) Toluene	10.240	92	366094	47.166	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	195049	46.125	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	224810	46.756	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	114944	46.744	ug/l	98
56) Ethyl methacrylate	10.508	69	158023	50.230	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	191267	46.872	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	416762	245.877	ug/l	93
59) 2-Hexanone	10.831	43	328595	213.059	ug/l	85
60) Dibromochloromethane	10.983	129	139803	46.984	ug/l	100
61) 1,2-Dibromoethane	11.087	107	113337	47.241	ug/l	99
64) Tetrachloroethene	10.715	164	152555	47.888	ug/l	98
65) Chlorobenzene	11.514	112	392169	47.147	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	149751	48.456	ug/l	97
67) Ethyl Benzene	11.587	91	700555	47.886	ug/l	97
68) m/p-Xylenes	11.697	106	551334	94.694	ug/l	91
69) o-Xylene	12.026	106	270006	49.555	ug/l	90
70) Styrene	12.038	104	447227	49.350	ug/l	95
71) Bromoform	12.203	173	89162	45.718	ug/l #	99
73) Isopropylbenzene	12.325	105	692718	47.962	ug/l	99
74) N-amyl acetate	12.142	43	209526	54.547	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.581	83	125010	43.219	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	164277	82.669	ug/l #	100
77) Bromobenzene	12.605	156	166328	45.796	ug/l	90
78) n-propylbenzene	12.666	91	816715	46.797	ug/l	97
79) 2-Chlorotoluene	12.751	91	461888	47.735	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	575460	48.219	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	44061	43.720	ug/l #	83
82) 4-Chlorotoluene	12.849	91	464528	46.276	ug/l	96
83) tert-Butylbenzene	13.075	119	519487	48.994	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	567585	47.555	ug/l	97
85) sec-Butylbenzene	13.251	105	747227	47.533	ug/l	99
86) p-Isopropyltoluene	13.367	119	630928	47.757	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	321964	44.813	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	317951	44.634	ug/l	97
89) n-Butylbenzene	13.696	91	571868	47.397	ug/l	98
90) Hexachloroethane	13.959	117	118481	46.550	ug/l	94
91) 1,2-Dichlorobenzene	13.733	146	286390	45.630	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20348	46.241	ug/l	66
93) 1,2,4-Trichlorobenzene	15.007	180	182908	46.431	ug/l	100
94) Hexachlorobutadiene	15.111	225	107610	46.047	ug/l	99
95) Naphthalene	15.233	128	368979	49.059	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	159118	45.983	ug/l	99

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ClientSampleId :
VSTDCCC050EC

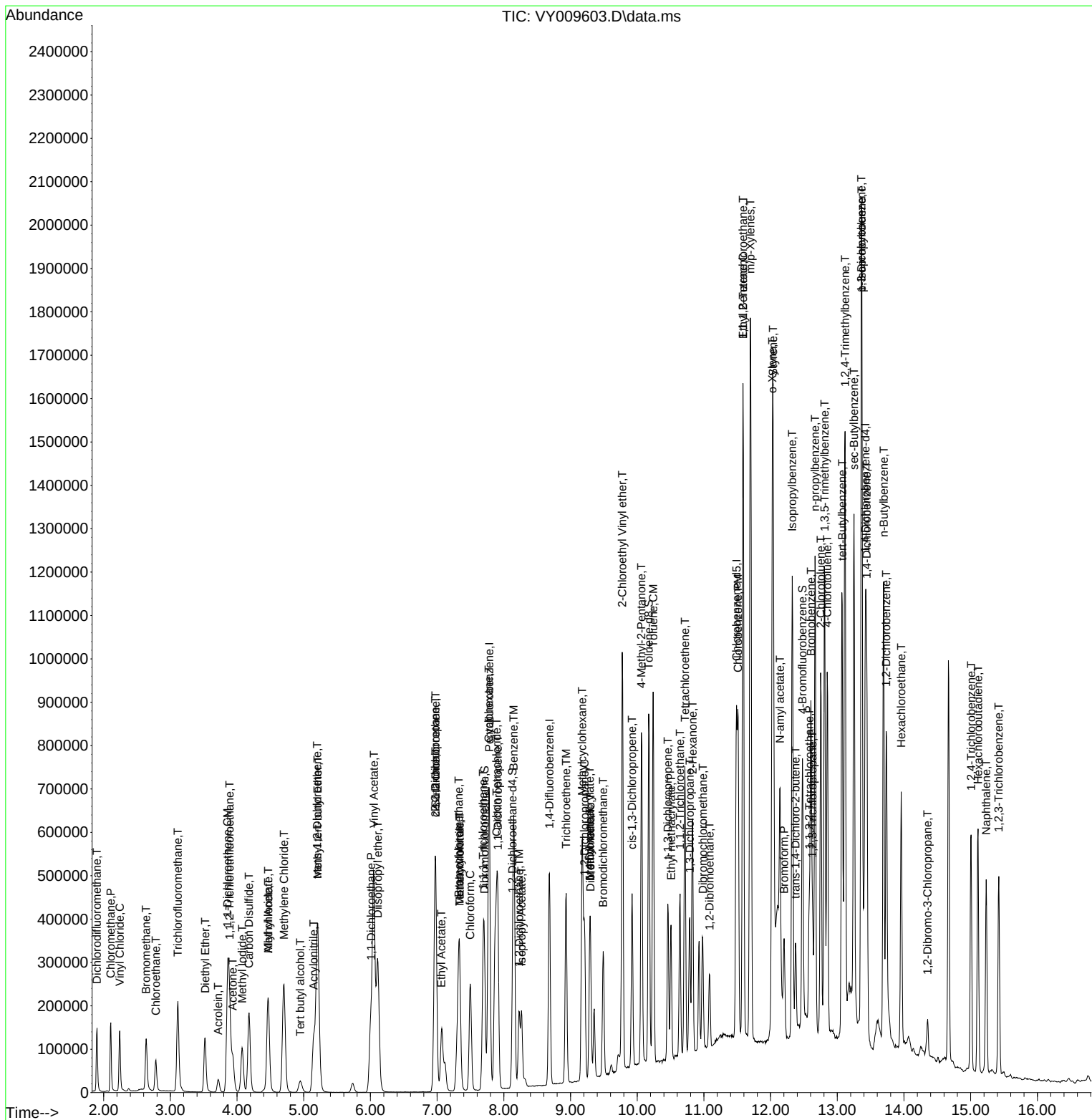
Quant Time: Jul 20 02:46:27 2022
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QLast Update : Tue Jul 19 04:22:09 2022
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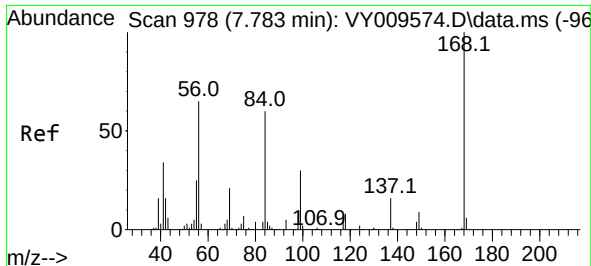
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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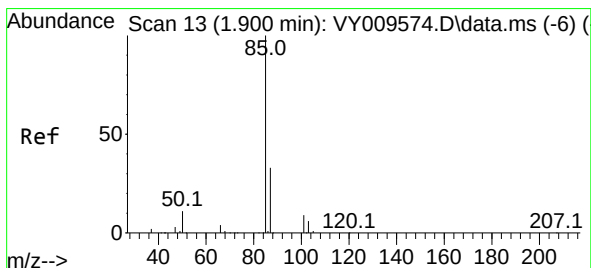
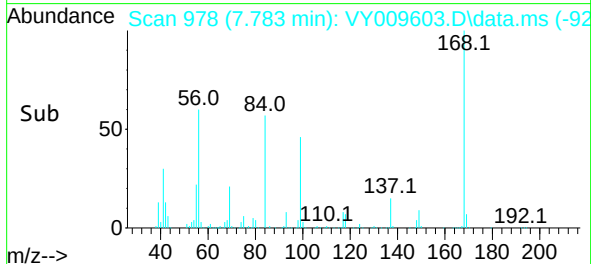
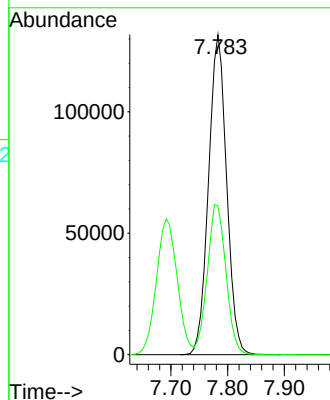
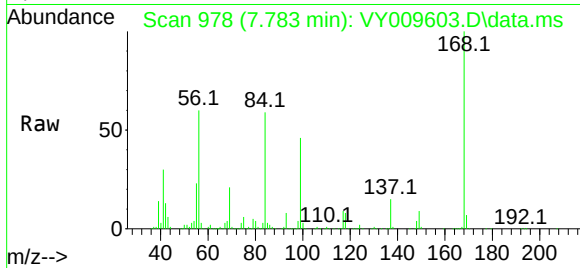




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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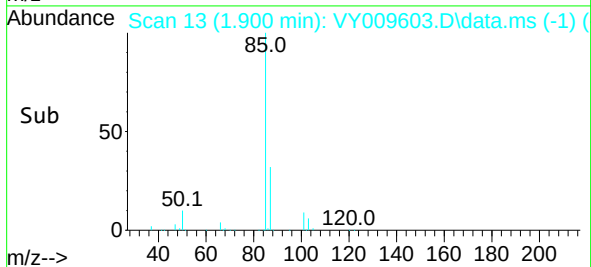
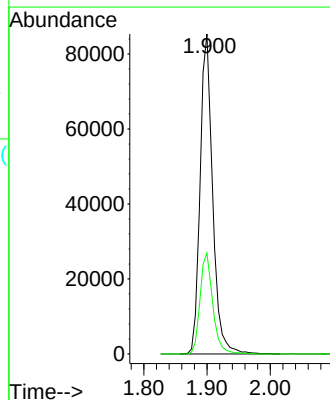
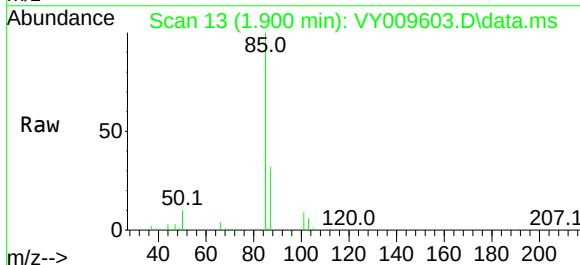
Instrument :
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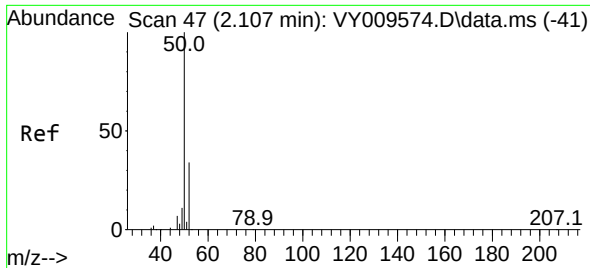
Tgt Ion:168 Resp: 291660
Ion Ratio Lower Upper
168 100
99 46.4 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 45.979 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 85 Resp: 117670
Ion Ratio Lower Upper
85 100
87 31.6 16.1 48.2

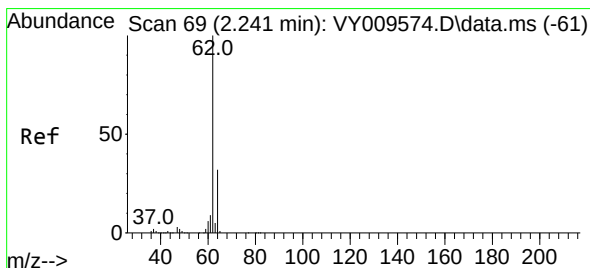
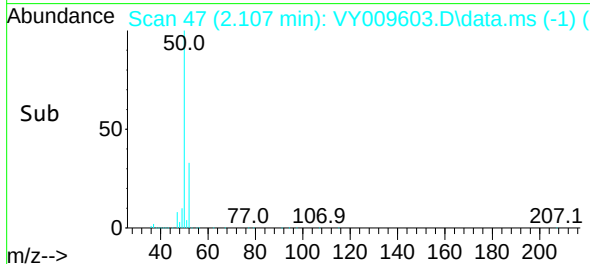
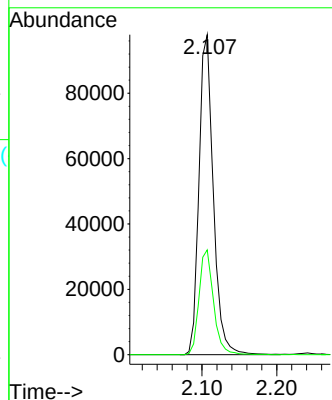
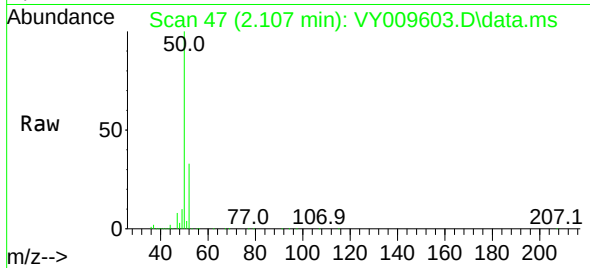




#3
Chloromethane
Concen: 34.335 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

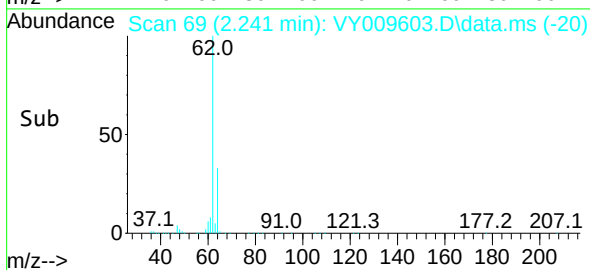
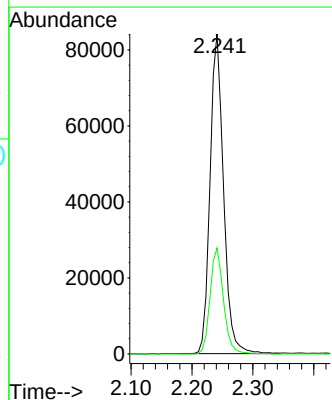
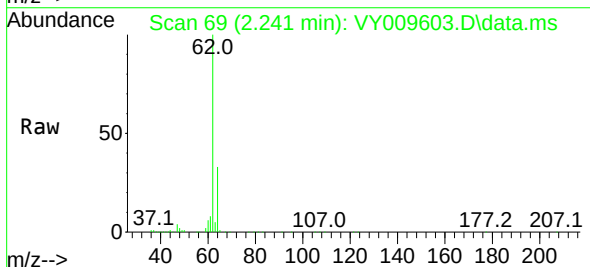
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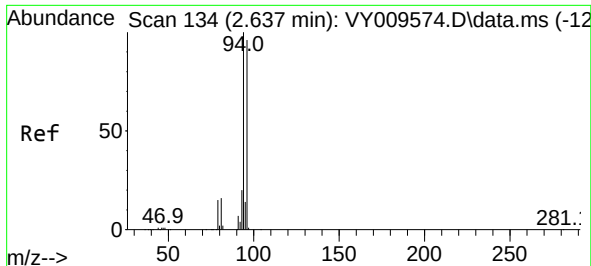
Tgt Ion: 50 Resp: 130218
Ion Ratio Lower Upper
50 100
52 32.7 24.6 37.0



#4
Vinyl Chloride
Concen: 32.674 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 62 Resp: 129583
Ion Ratio Lower Upper
62 100
64 33.2 25.0 37.6

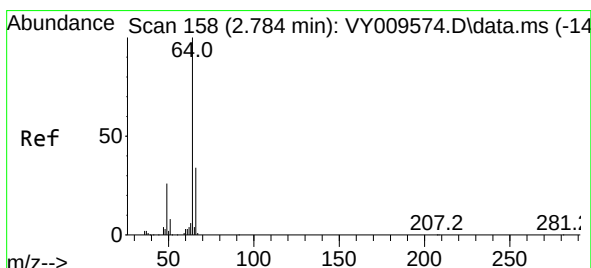
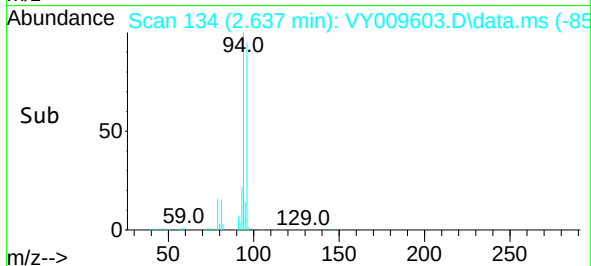
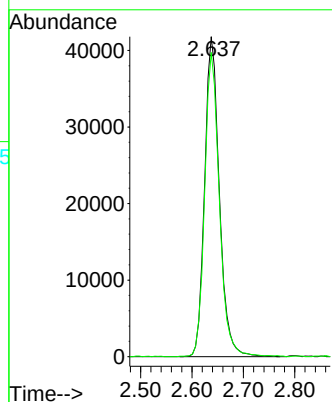
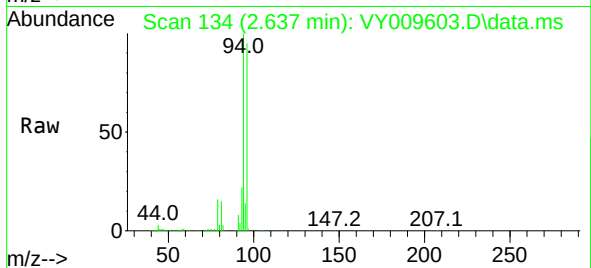




#5
Bromomethane
Concen: 30.944 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

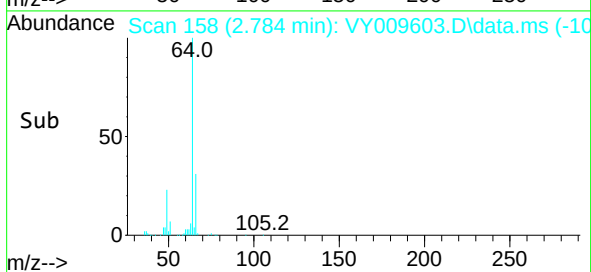
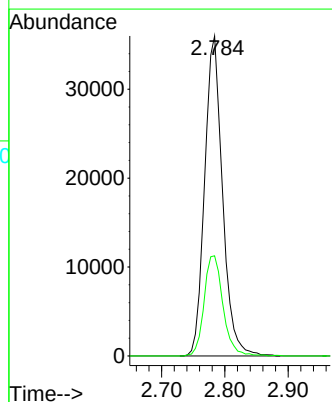
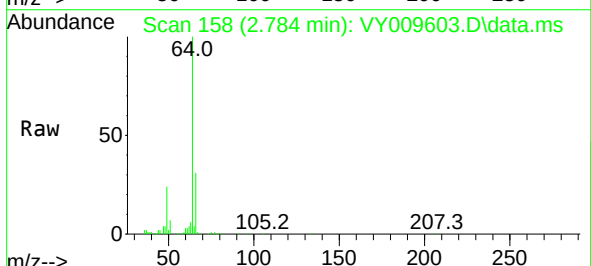
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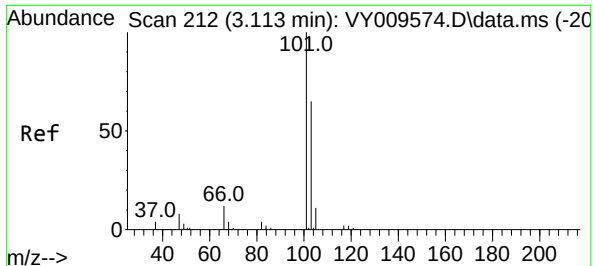
Tgt Ion: 94 Resp: 83063
Ion Ratio Lower Upper
94 100
96 94.9 73.5 110.3



#6
Chloroethane
Concen: 29.406 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 64 Resp: 70842
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.0

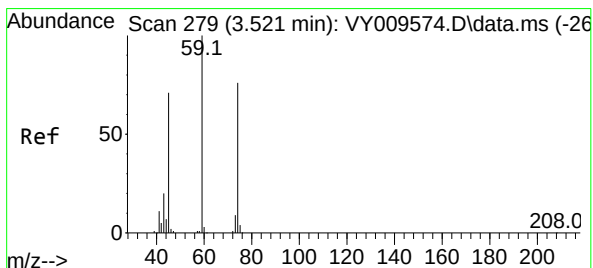
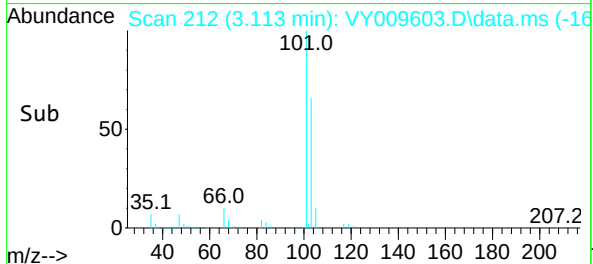
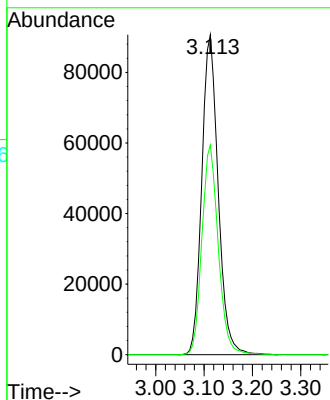
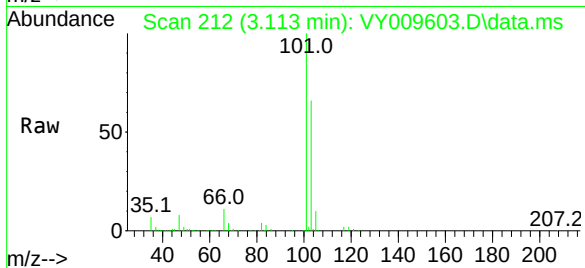




#7
 Trichlorofluoromethane
 Concen: 45.409 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY009603.D
 Acq: 19 Jul 2022 20:33

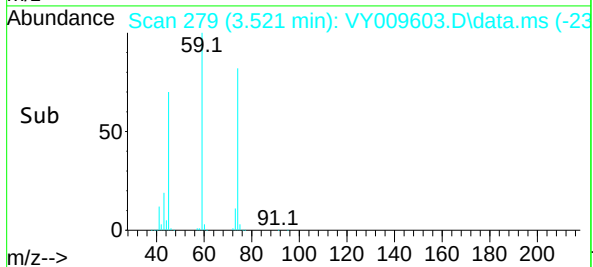
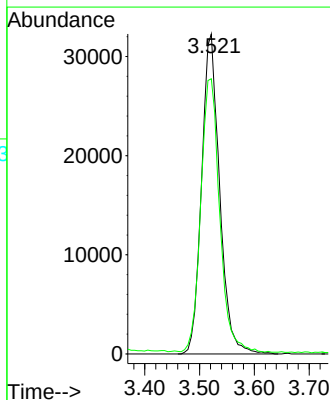
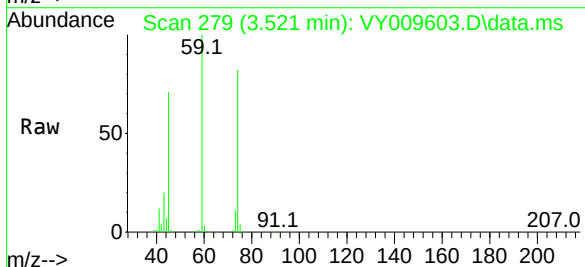
Instrument :
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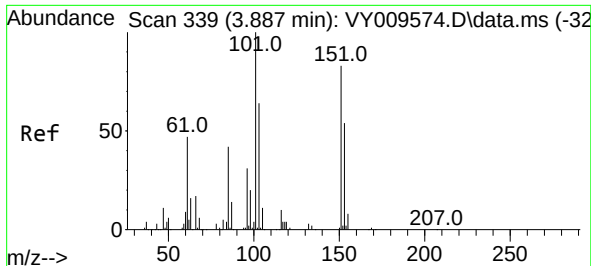
Tgt Ion:101 Resp: 213403
 Ion Ratio Lower Upper
 101 100
 103 65.6 48.0 72.0



#8
 Diethyl Ether
 Concen: 47.892 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VY009603.D
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Tgt Ion: 74 Resp: 73639
 Ion Ratio Lower Upper
 74 100
 45 89.5 55.1 165.5

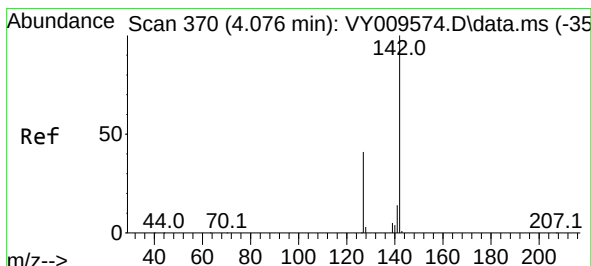
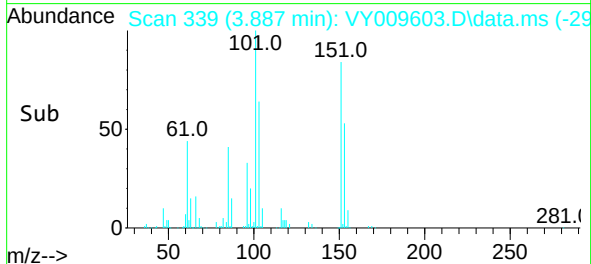
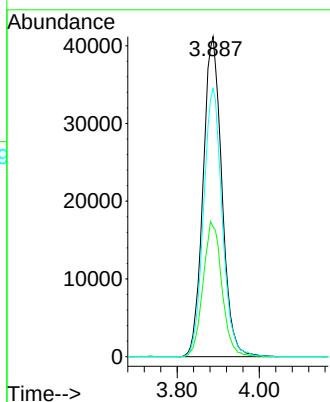
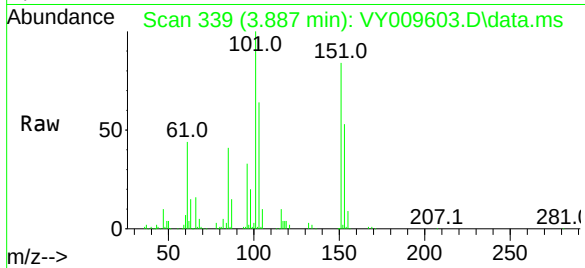




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.536 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

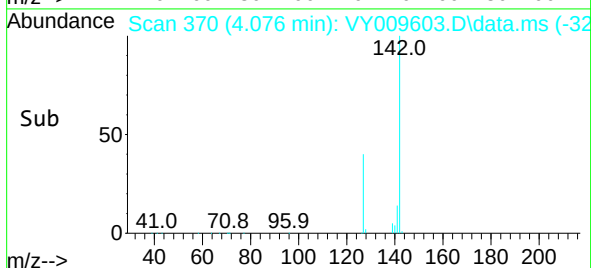
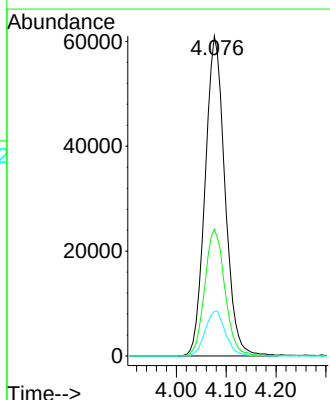
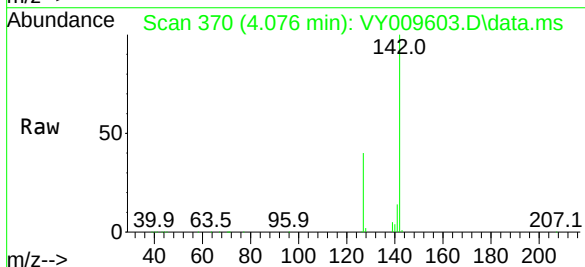
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC050EC

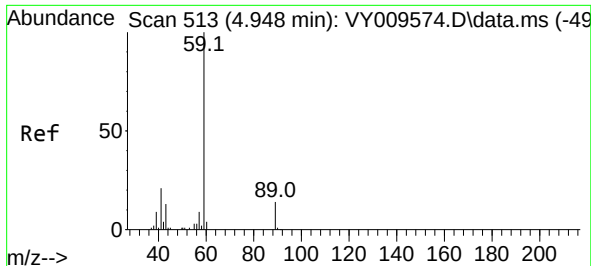
Tgt Ion:101 Resp: 130636
Ion Ratio Lower Upper
101 100
85 42.2 40.6 60.8
151 83.3 64.9 97.3



#10
Methyl Iodide
Concen: 46.168 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

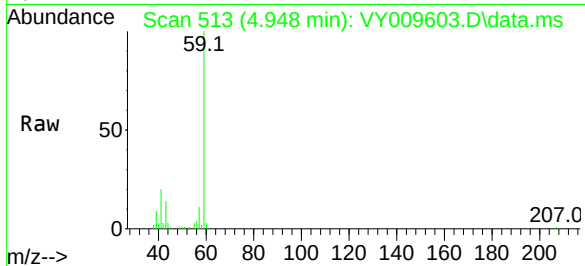
Tgt Ion:142 Resp: 168535
Ion Ratio Lower Upper
142 100
127 40.3 41.5 62.3#
141 14.4 11.9 17.9



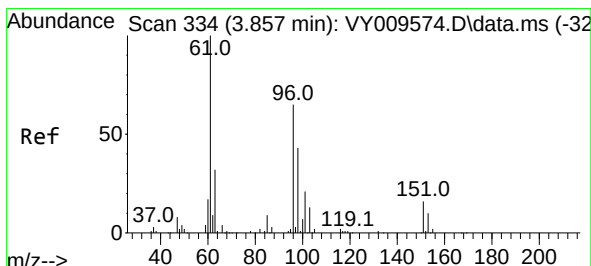
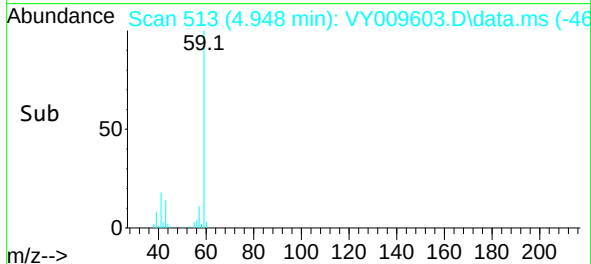
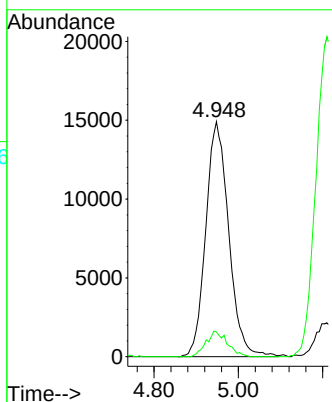


#11
Tert butyl alcohol
Concen: 199.419 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

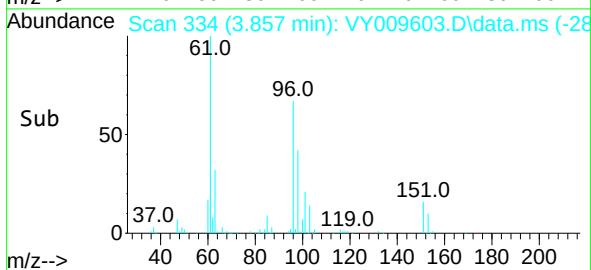
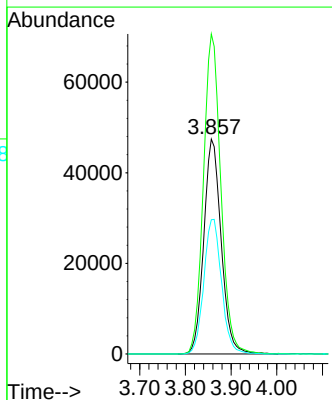
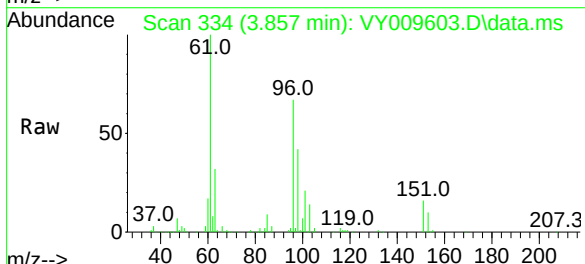


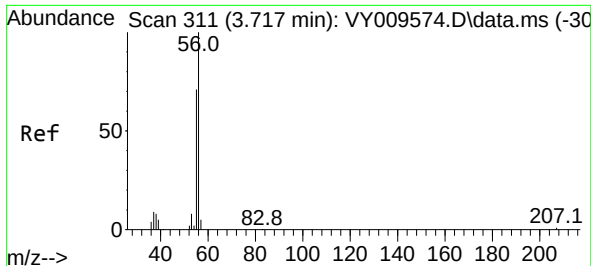
Tgt Ion: 59 Resp: 56327
Ion Ratio Lower Upper
59 100
57 10.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 46.747 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 96 Resp: 125383
Ion Ratio Lower Upper
96 100
61 148.9 145.8 218.6
98 62.5 52.5 78.7





#13

Acrolein

Concen: 181.564 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

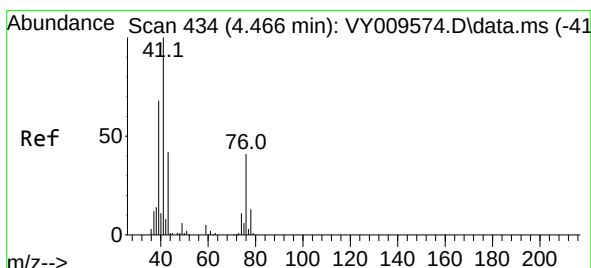
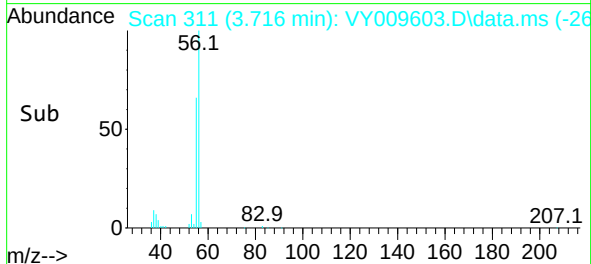
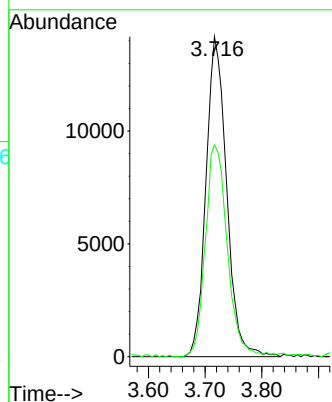
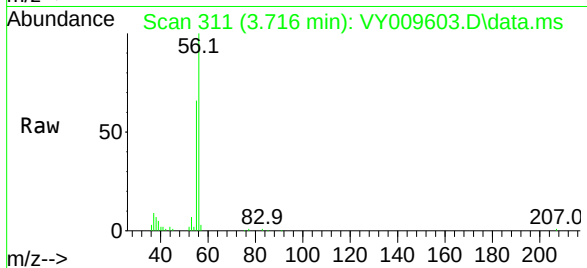
VSTDCCC050EC

Tgt Ion: 56 Resp: 35805

Ion Ratio Lower Upper

56 100

55 70.2 57.6 86.4



#14

Allyl chloride

Concen: 46.549 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

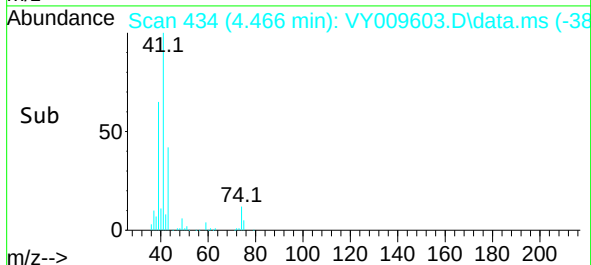
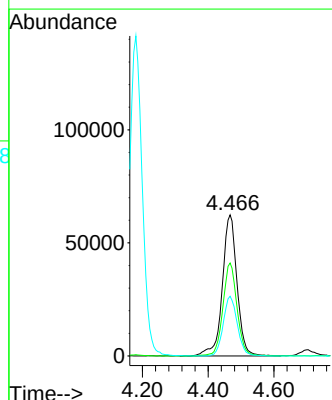
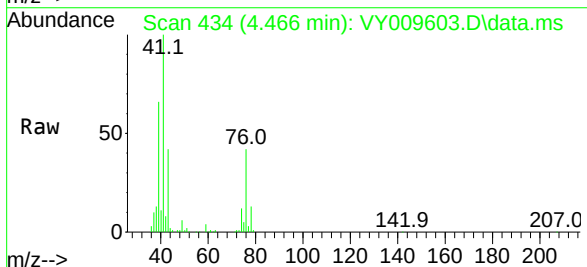
Tgt Ion: 41 Resp: 193136

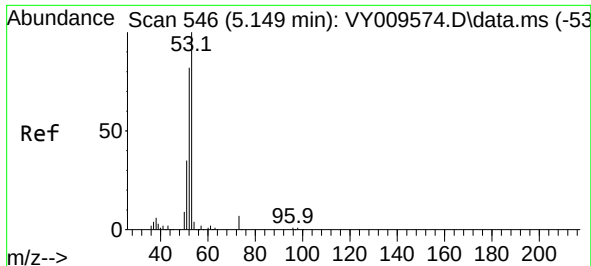
Ion Ratio Lower Upper

41 100

39 63.4 58.8 88.2

76 40.4 25.1 37.7#

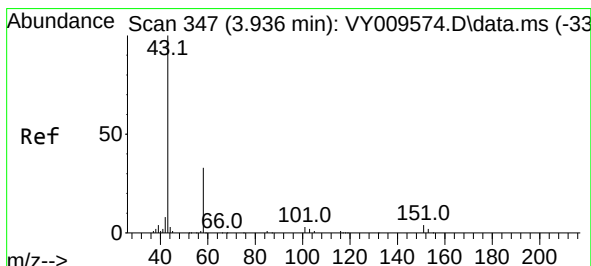
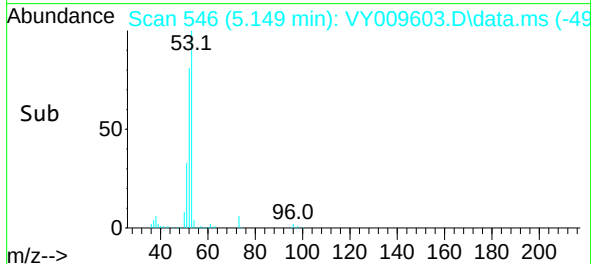
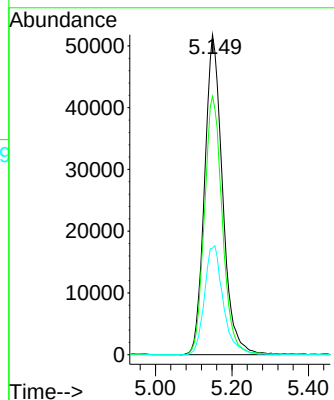
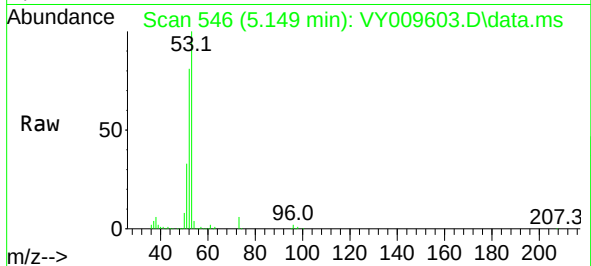




#15
Acrylonitrile
Concen: 222.397 ug/l
RT: 5.149 min Scan# 546
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

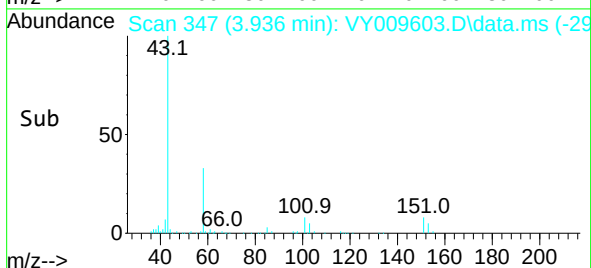
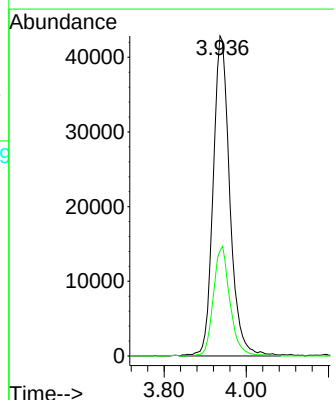
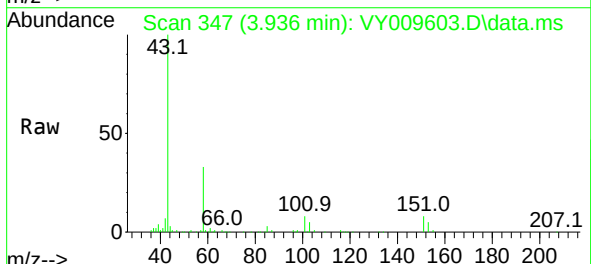
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

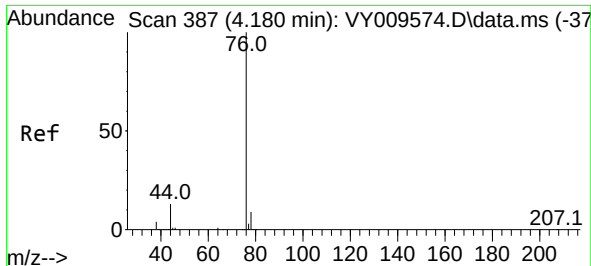
Tgt Ion: 53 Resp: 168890
Ion Ratio Lower Upper
53 100
52 80.5 67.0 100.4
51 35.6 29.8 44.6



#16
Acetone
Concen: 173.002 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 43 Resp: 120719
Ion Ratio Lower Upper
43 100
58 33.0 22.0 33.0

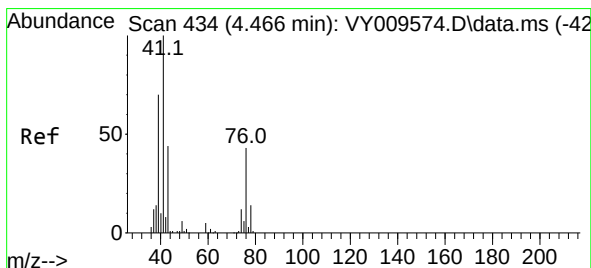
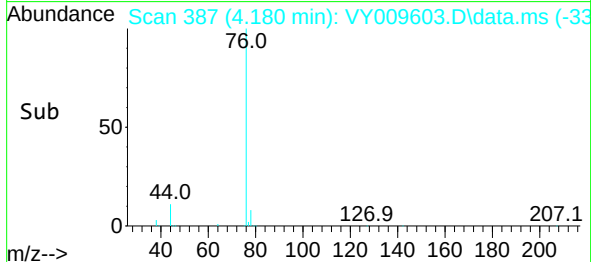
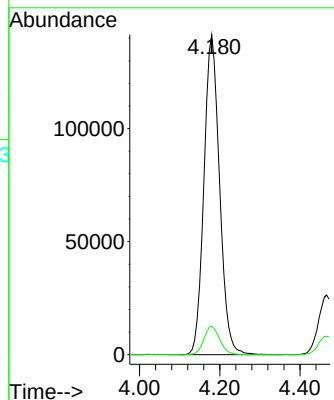
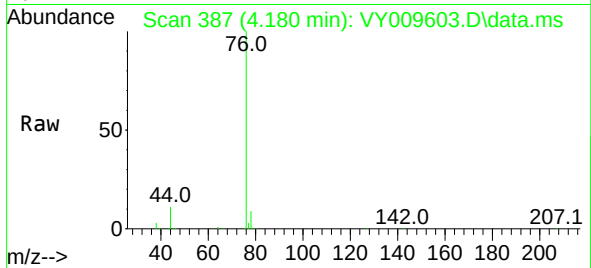




#17
Carbon Disulfide
Concen: 45.907 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

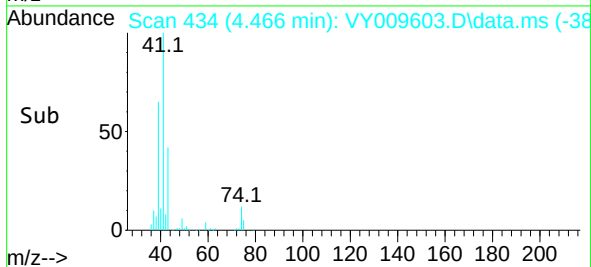
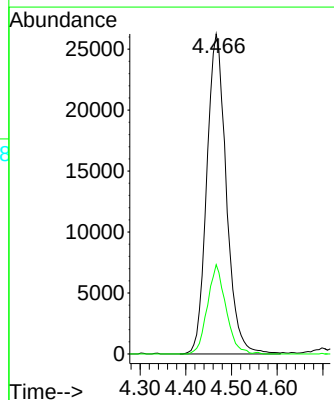
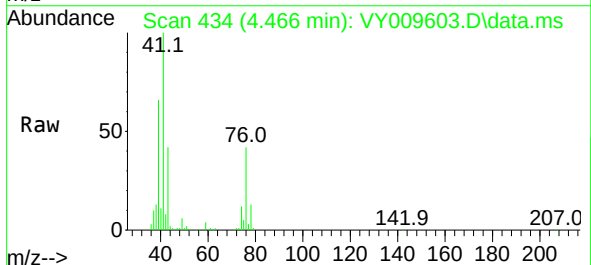
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

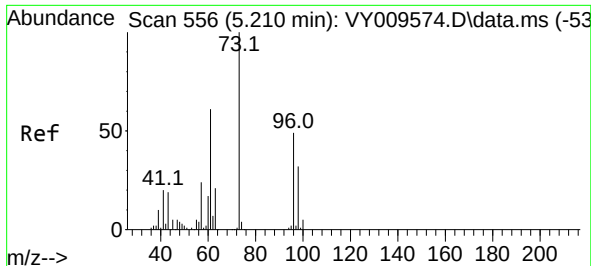
Tgt Ion: 76 Resp: 382777
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 39.735 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 43 Resp: 77829
Ion Ratio Lower Upper
43 100
74 26.3 16.6 24.8#

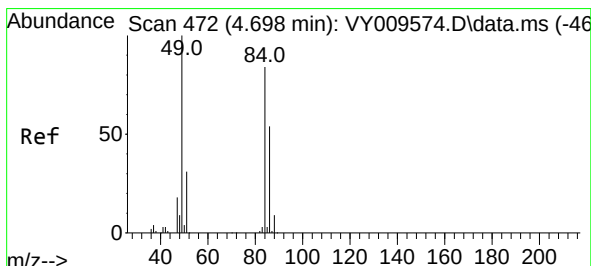
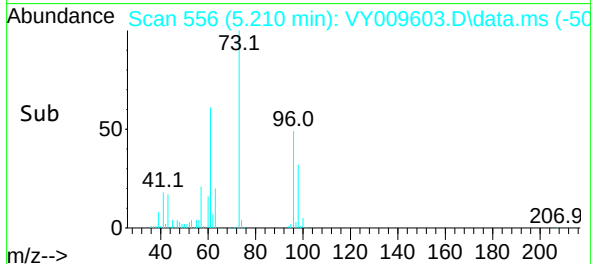
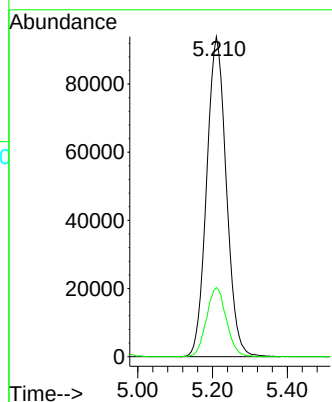
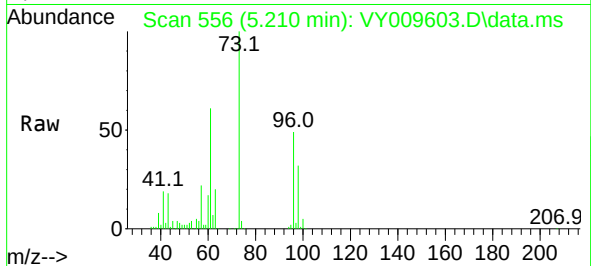




#19
Methyl tert-butyl Ether
Concen: 48.425 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

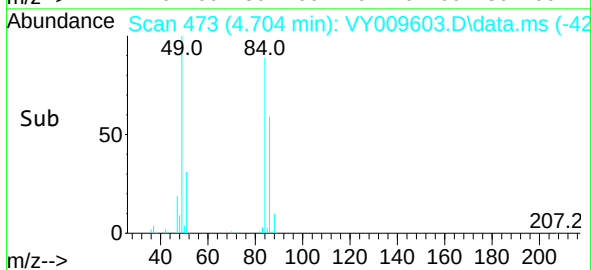
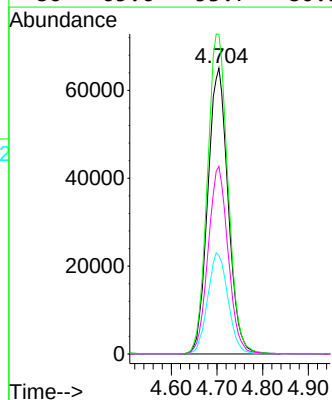
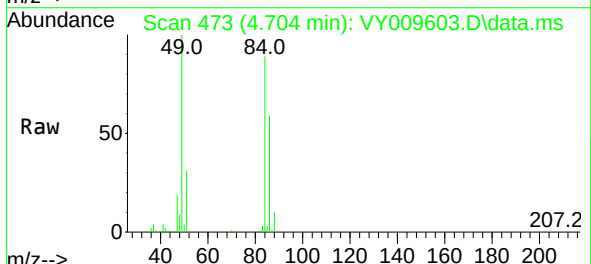
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

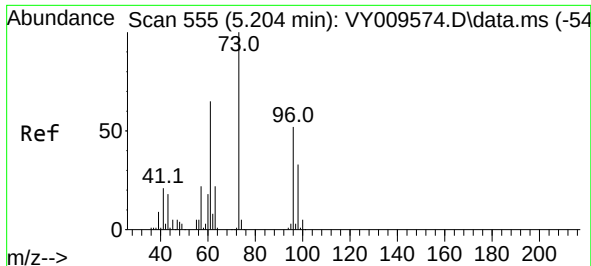
Tgt Ion: 73 Resp: 342310
Ion Ratio Lower Upper
73 100
57 21.6 18.6 27.8



#20
Methylene Chloride
Concen: 59.637 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 84 Resp: 201511
Ion Ratio Lower Upper
84 100
49 111.8 114.4 171.6#
51 34.4 35.3 52.9#
86 65.6 53.7 80.5

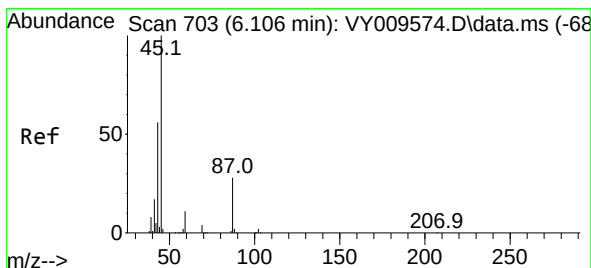
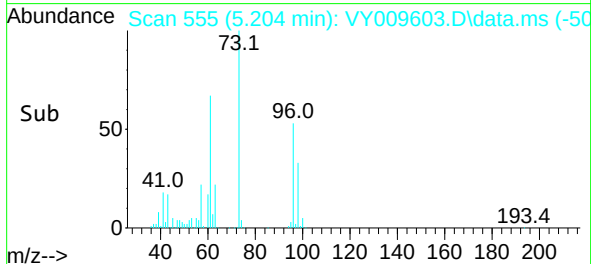
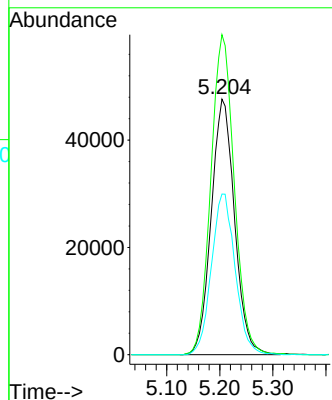
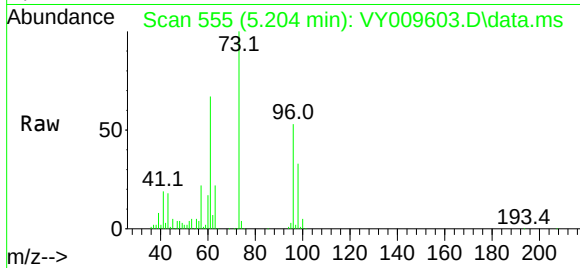




#21
trans-1,2-Dichloroethene
Concen: 47.886 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

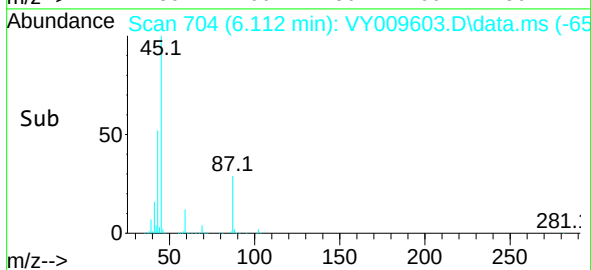
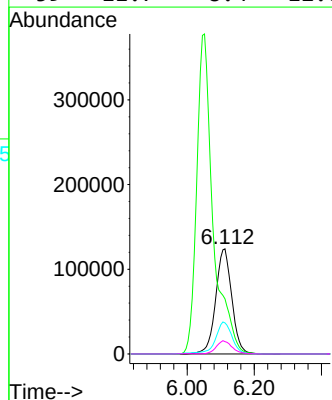
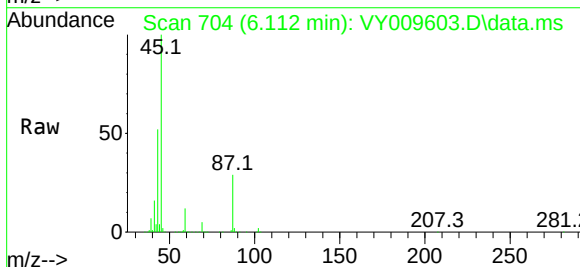
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

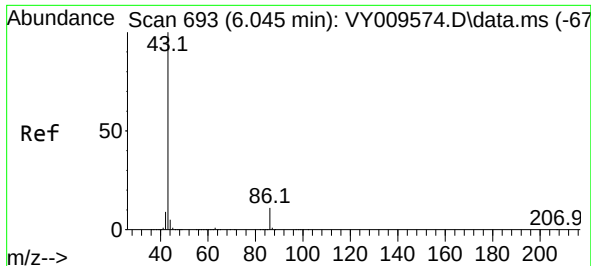
Tgt Ion: 96 Resp: 145368
Ion Ratio Lower Upper
96 100
61 125.3 120.5 180.7
98 62.9 49.8 74.8



#22
Diisopropyl ether
Concen: 46.719 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 45 Resp: 413917
Ion Ratio Lower Upper
45 100
43 52.2 49.3 73.9
87 29.5 19.2 28.8#
59 11.7 8.4 12.6

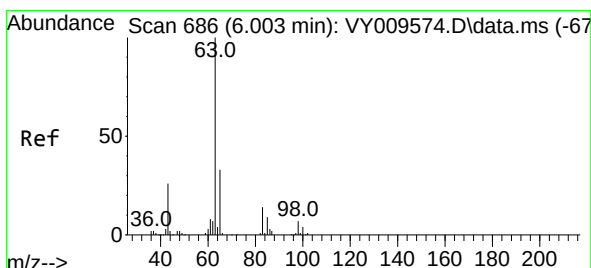
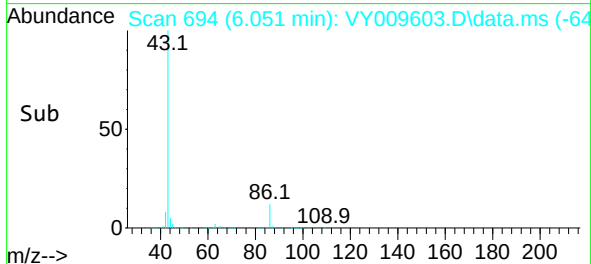
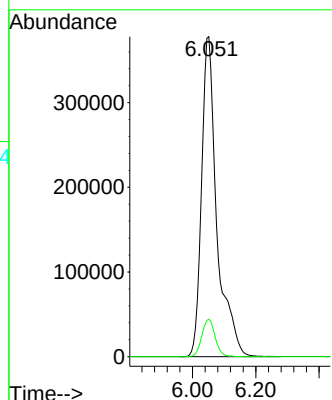
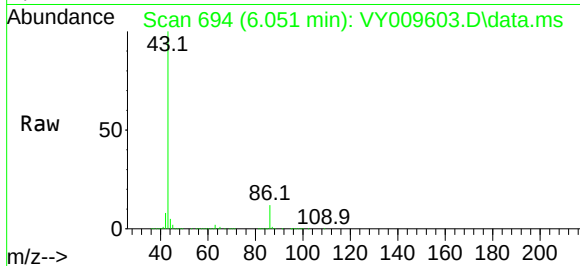




#23
 Vinyl Acetate
 Concen: 228.026 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY009603.D
 Acq: 19 Jul 2022 20:33

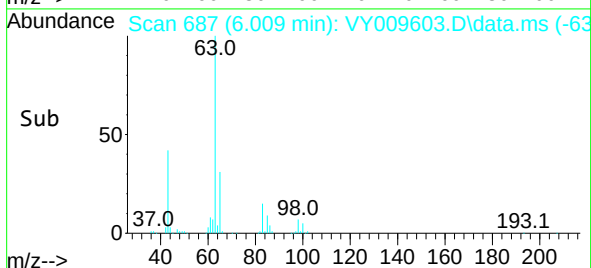
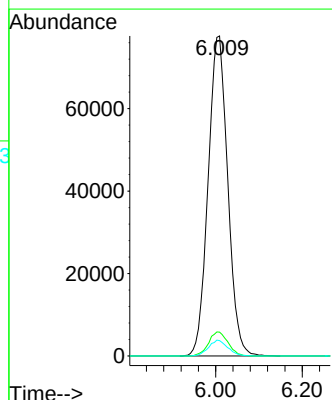
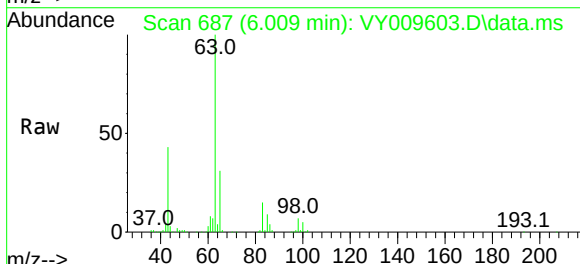
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

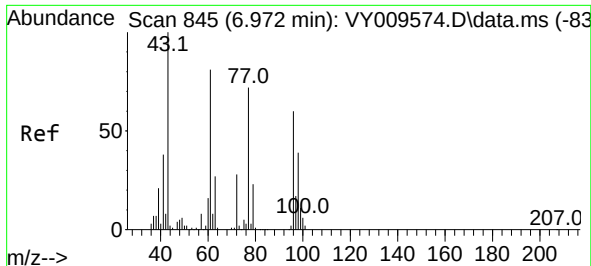
Tgt Ion: 43 Resp: 1274659
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 47.748 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY009603.D
 Acq: 19 Jul 2022 20:33

Tgt Ion: 63 Resp: 244336
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.8 2.0 5.8

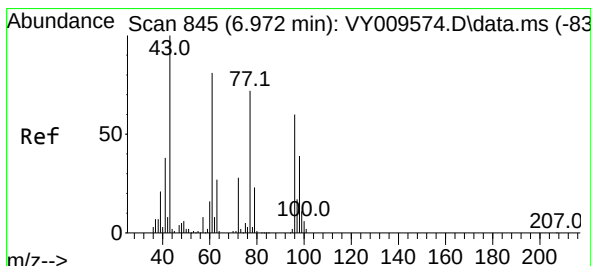
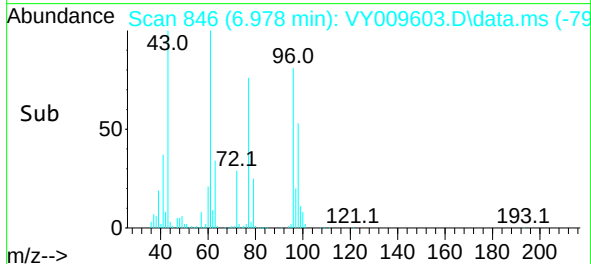
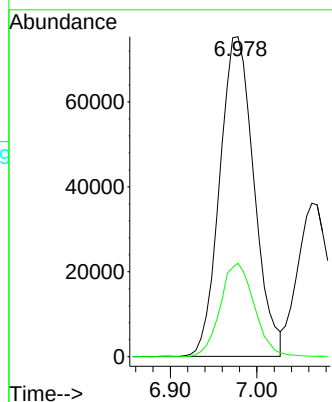
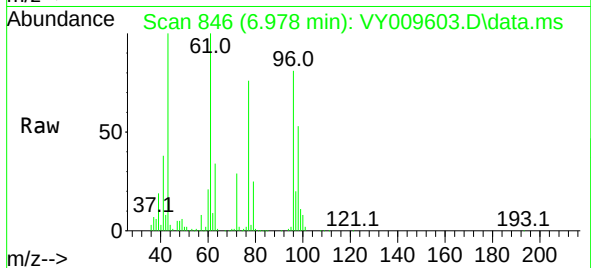




#25
2-Butanone
Concen: 203.444 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

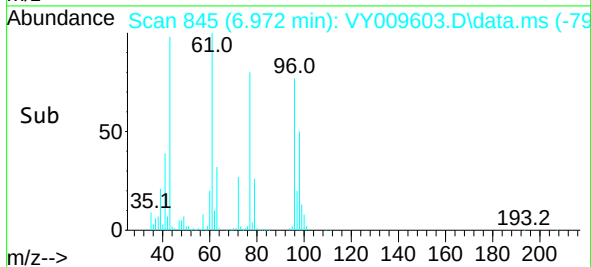
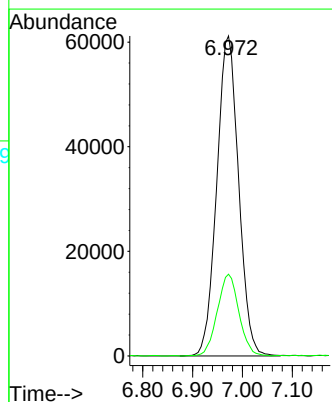
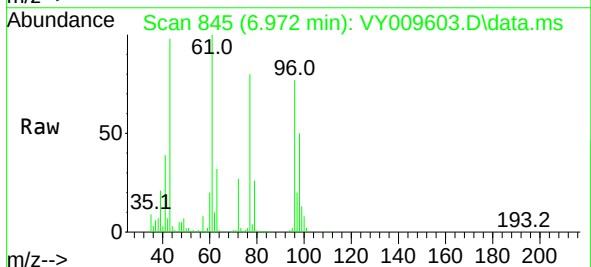
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

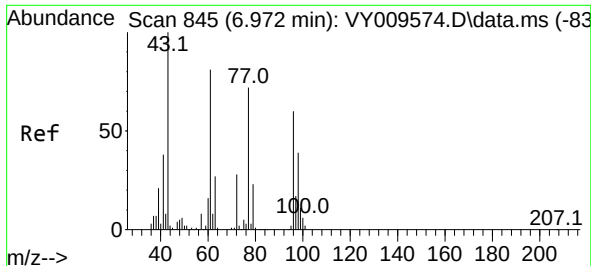
Tgt Ion: 43 Resp: 207076
Ion Ratio Lower Upper
43 100
72 29.2 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 40.557 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 77 Resp: 185918
Ion Ratio Lower Upper
77 100
97 25.3 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 48.638 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

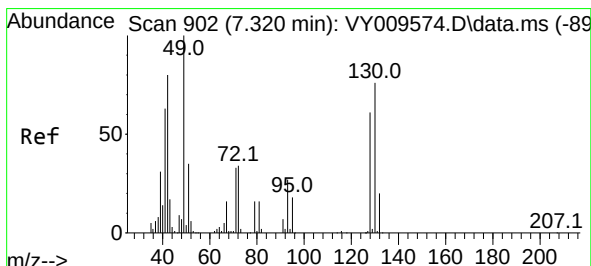
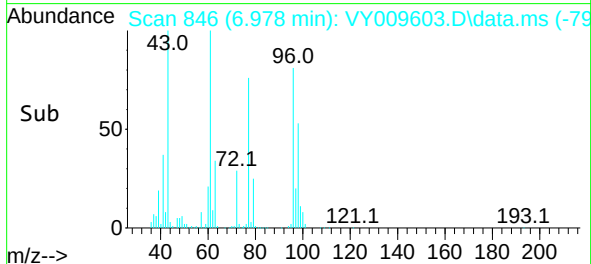
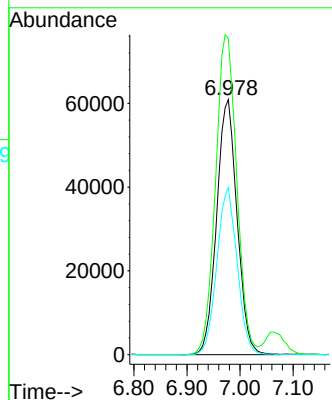
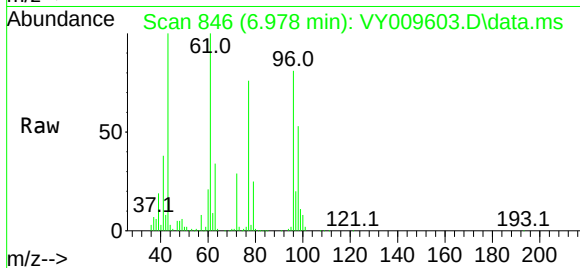
Tgt Ion: 96 Resp: 163246

Ion Ratio Lower Upper

96 100

61 130.2 0.0 319.8

98 65.0 0.0 127.0



#28

Bromochloromethane

Concen: 49.323 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.006 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

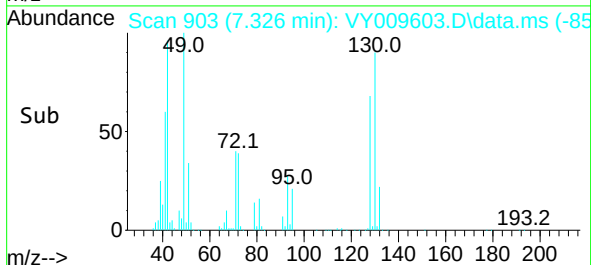
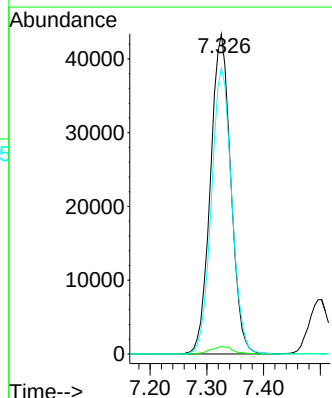
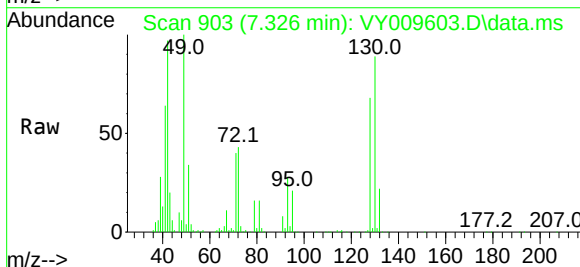
Tgt Ion: 49 Resp: 108141

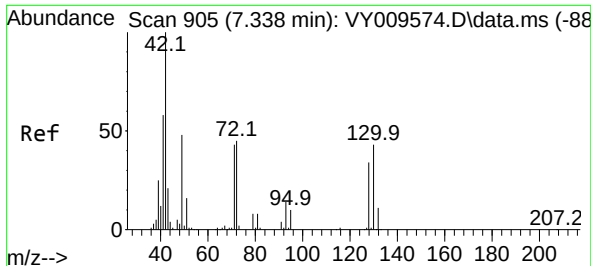
Ion Ratio Lower Upper

49 100

129 2.5 0.0 2.2#

130 89.3 55.4 83.0#





#29

Tetrahydrofuran

Concen: 216.423 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

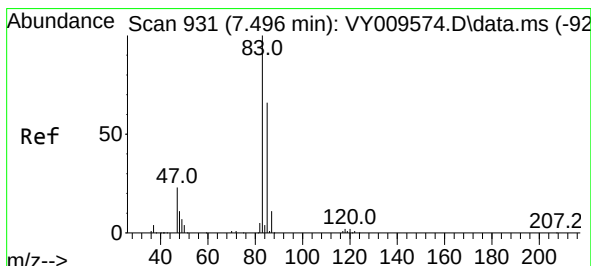
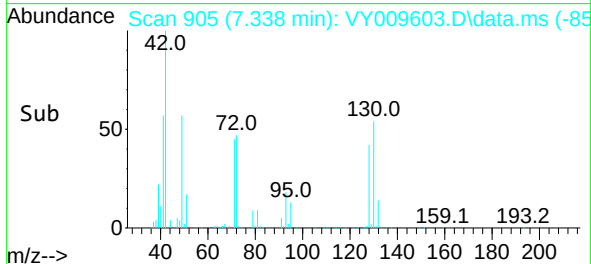
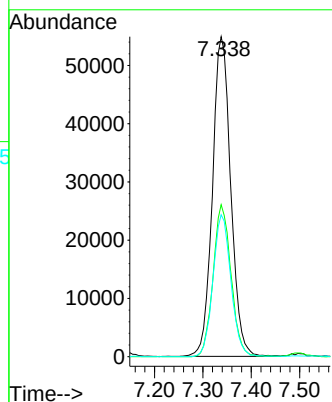
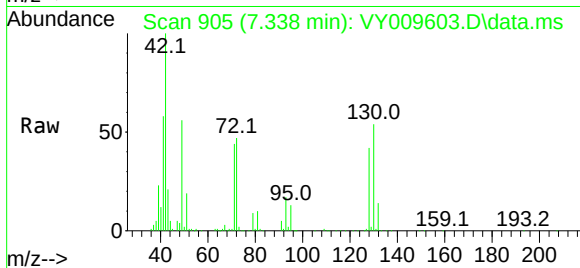
Tgt Ion: 42 Resp: 144627

Ion Ratio Lower Upper

42 100

72 46.4 30.3 45.5#

71 43.6 29.0 43.4#



#30

Chloroform

Concen: 47.895 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.000 min

Lab File: VY009603.D

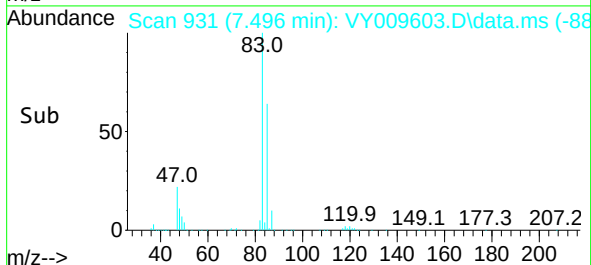
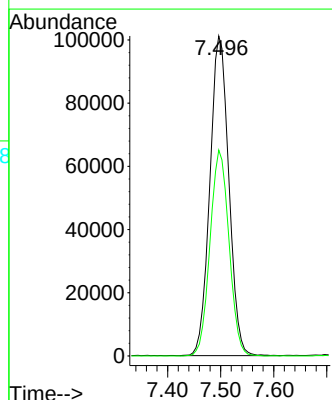
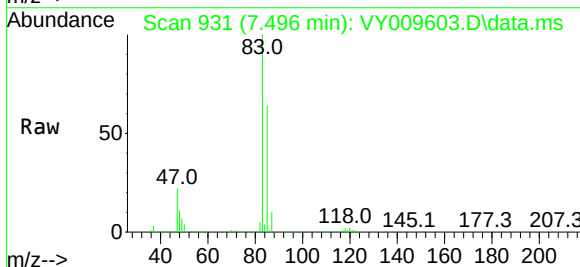
Acq: 19 Jul 2022 20:33

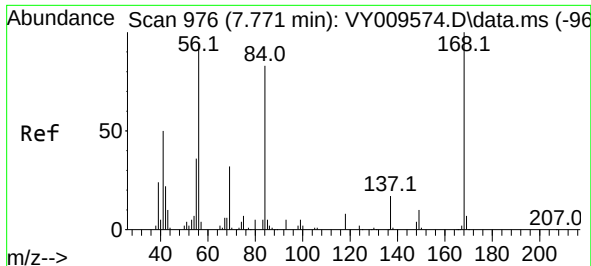
Tgt Ion: 83 Resp: 250711

Ion Ratio Lower Upper

83 100

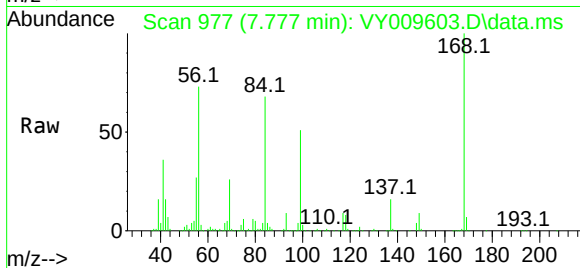
85 64.4 51.8 77.6



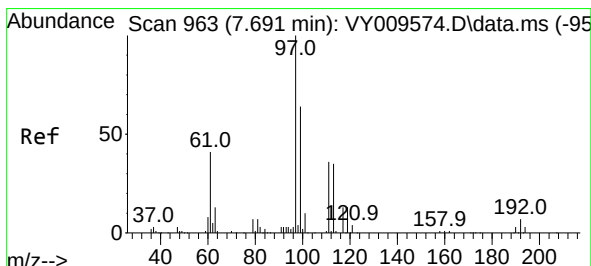
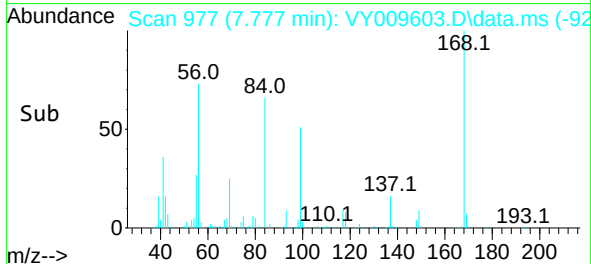
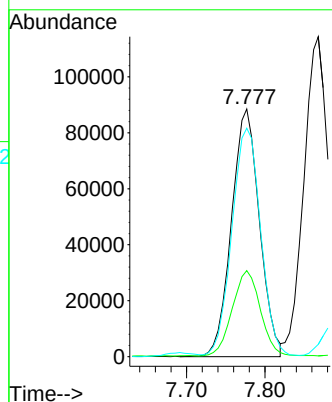


#31
Cyclohexane
Concen: 45.082 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

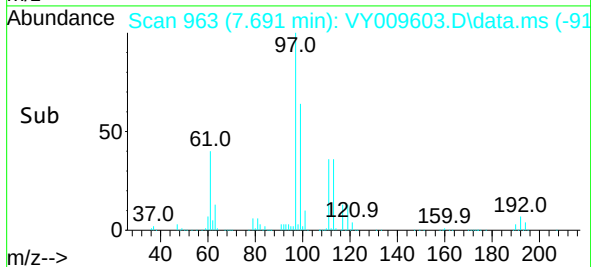
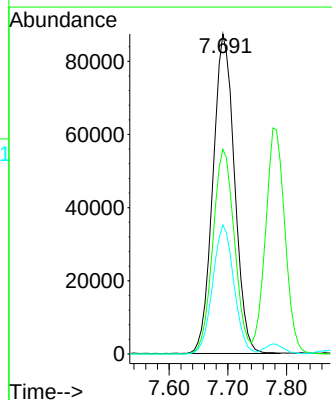
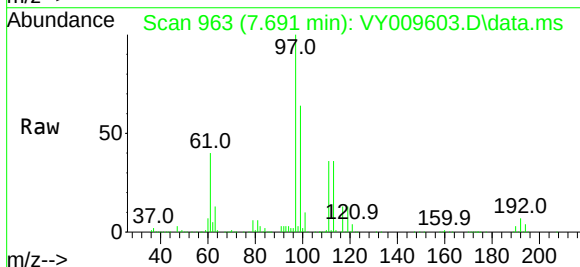


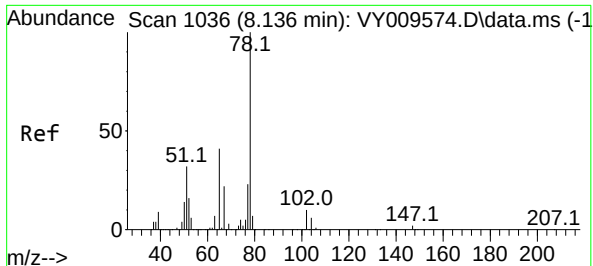
Tgt Ion: 56 Resp: 219272
Ion Ratio Lower Upper
56 100
69 34.4 26.7 40.1
84 90.6 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 47.464 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 97 Resp: 222855
Ion Ratio Lower Upper
97 100
99 64.3 50.7 76.1
61 39.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 47.078 ug/l

RT: 8.130 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

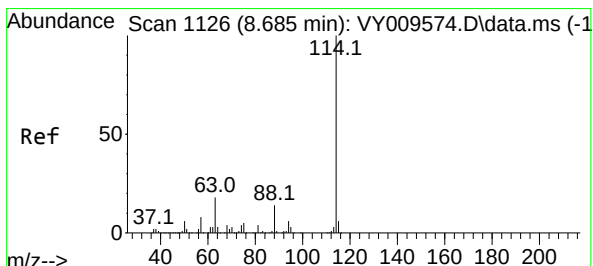
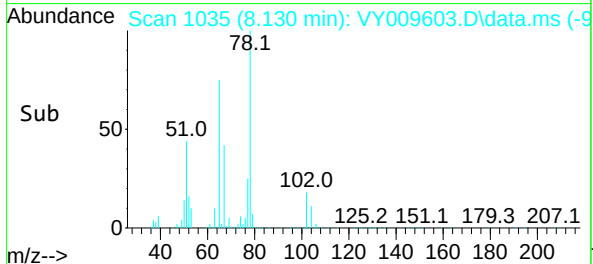
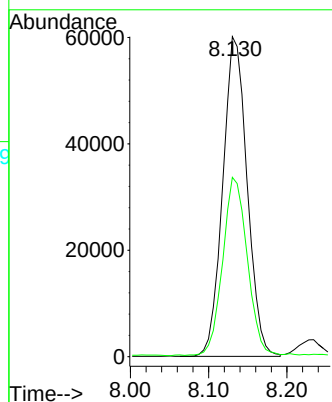
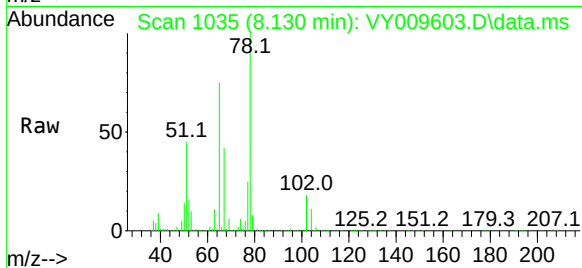
VSTDCCC050EC

Tgt Ion: 65 Resp: 129860

Ion Ratio Lower Upper

65 100

67 56.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

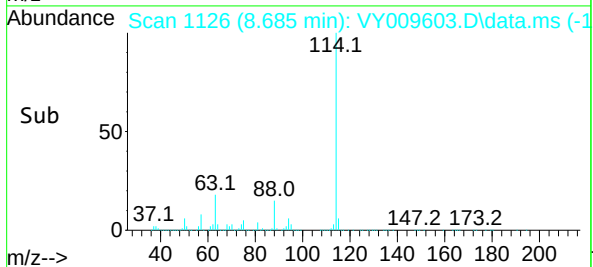
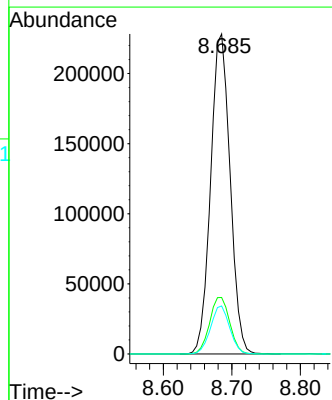
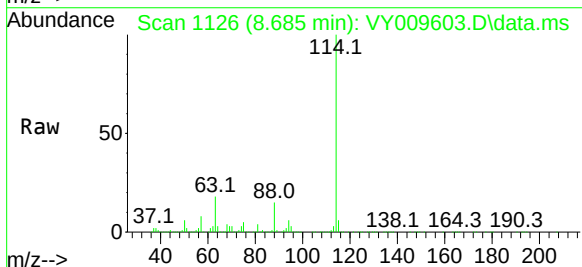
Tgt Ion: 114 Resp: 449818

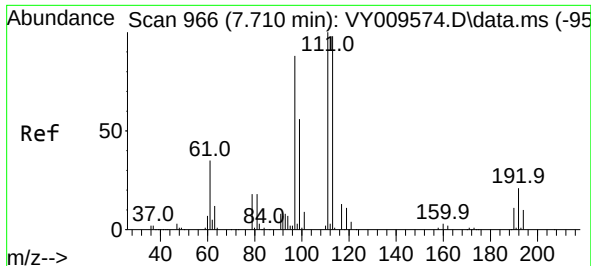
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 15.0 0.0 31.8

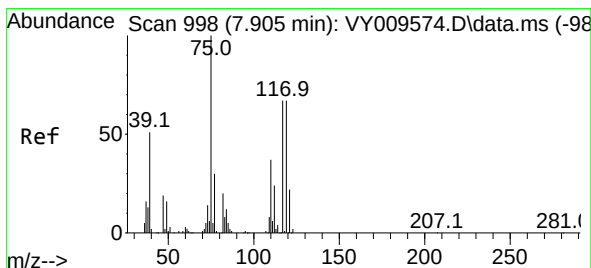
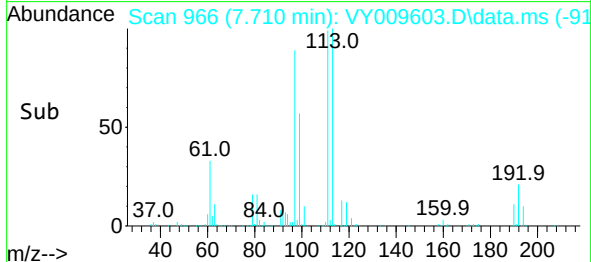
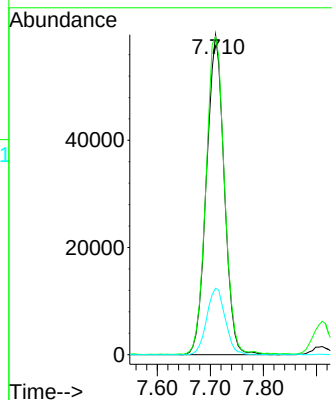
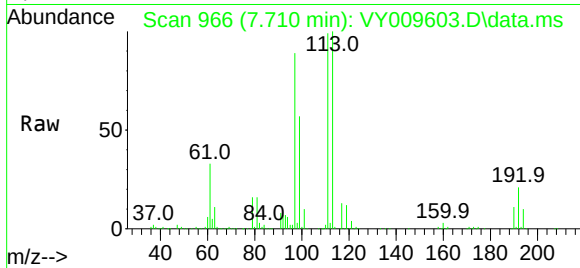




#35
Dibromofluoromethane
Concen: 48.937 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

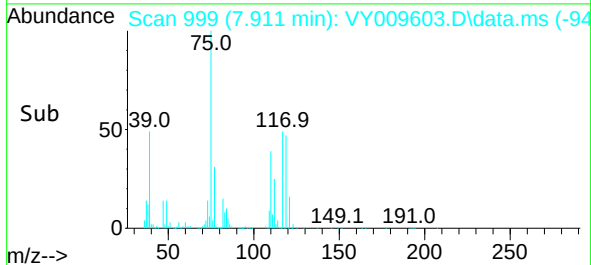
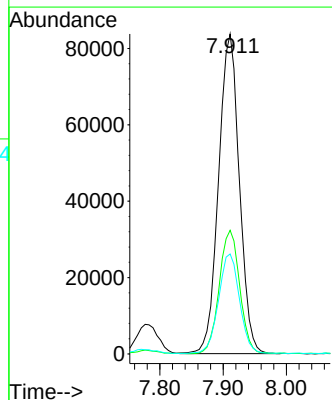
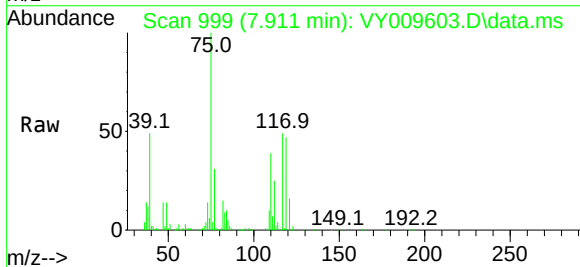
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

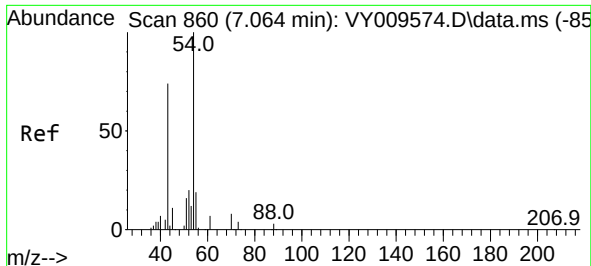
Tgt Ion:113 Resp: 138680
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 21.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 45.457 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 75 Resp: 190357
Ion Ratio Lower Upper
75 100
110 38.1 17.1 51.2
77 31.7 24.4 36.6

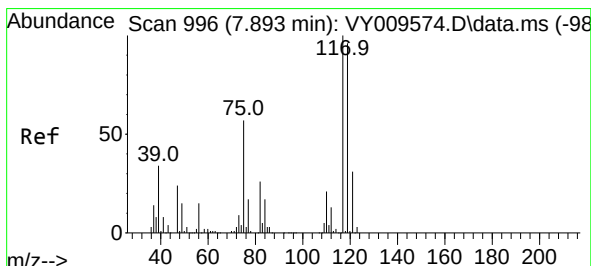
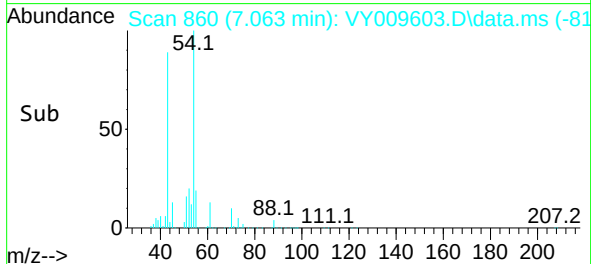
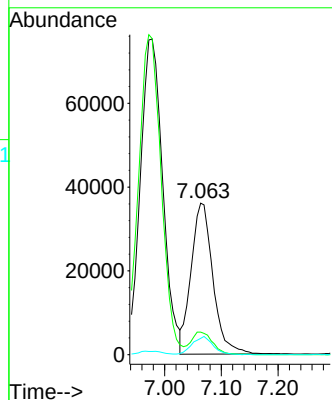
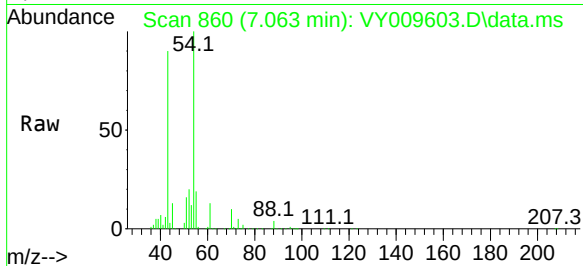




#37
Ethyl Acetate
Concen: 41.343 ug/l
RT: 7.063 min Scan# 860
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

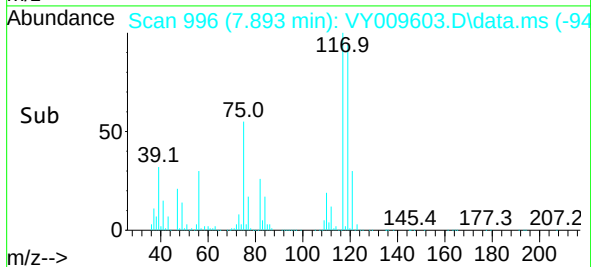
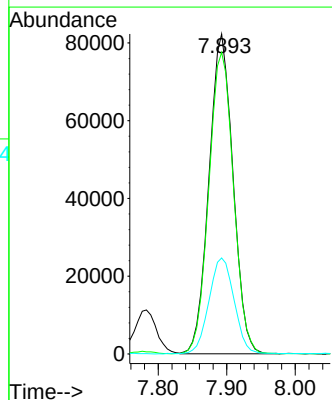
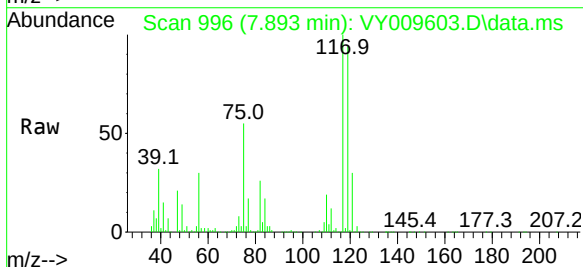
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

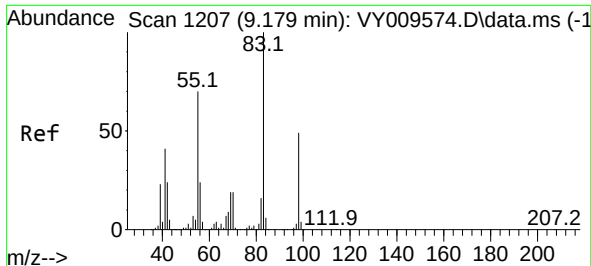
Tgt Ion: 43 Resp: 96357
Ion Ratio Lower Upper
43 100
61 15.1 9.7 14.5#
70 11.6 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 45.716 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 117 Resp: 200404
Ion Ratio Lower Upper
117 100
119 94.2 77.9 116.9
121 29.9 24.8 37.2

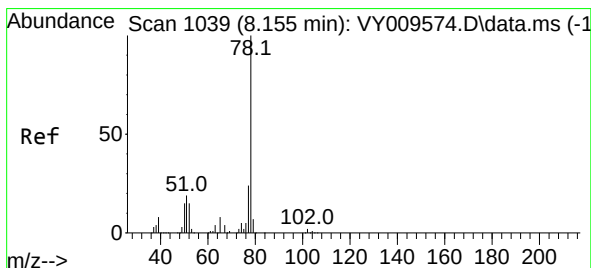
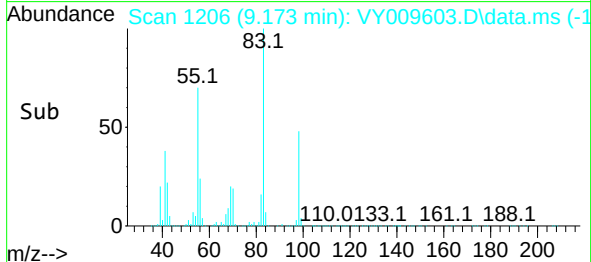
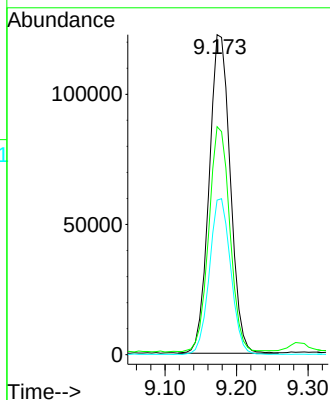
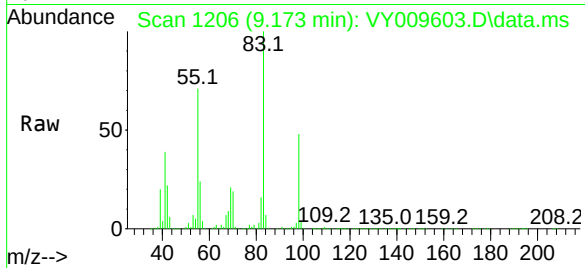




#39
Methylcyclohexane
Concen: 48.717 ug/l
RT: 9.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

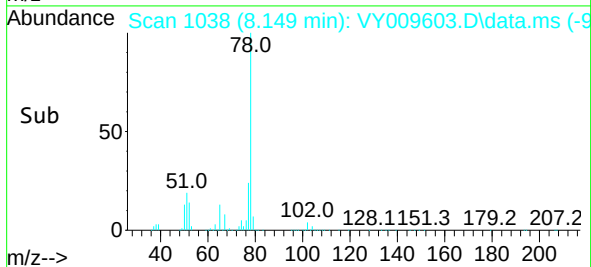
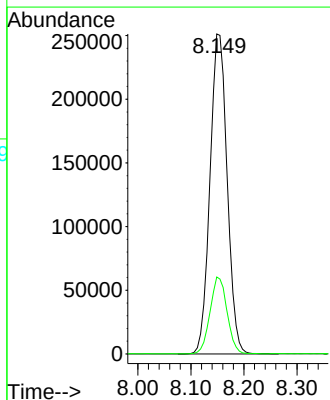
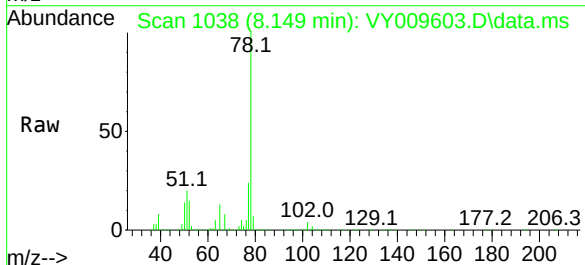
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

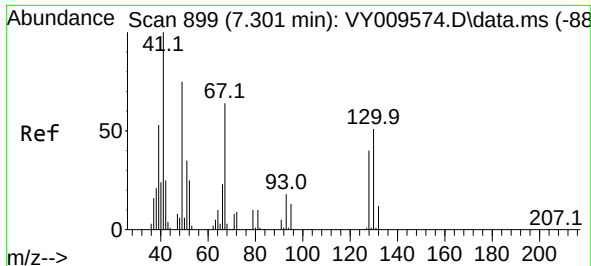
Tgt Ion: 83 Resp: 251548
Ion Ratio Lower Upper
83 100
55 70.6 66.5 99.7
98 48.4 37.9 56.9



#40
Benzene
Concen: 46.134 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 78 Resp: 565302
Ion Ratio Lower Upper
78 100
77 24.0 20.4 30.6

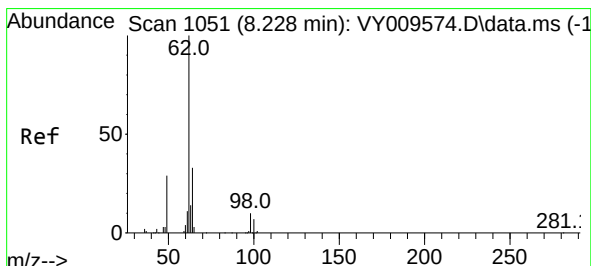
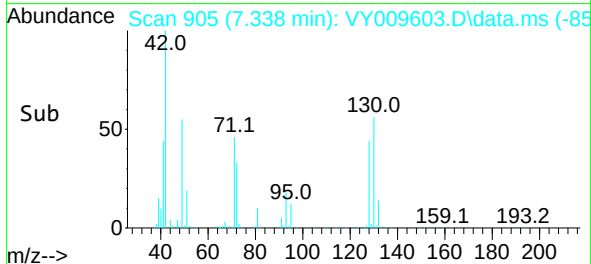
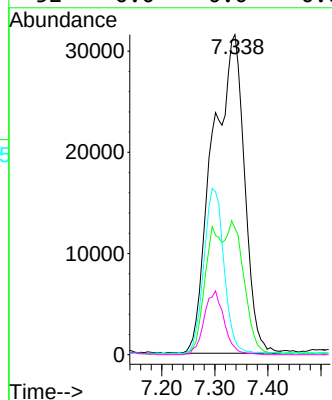
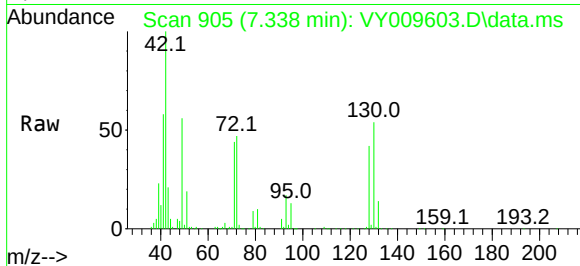




#41
Methacrylonitrile
Concen: 117.790 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

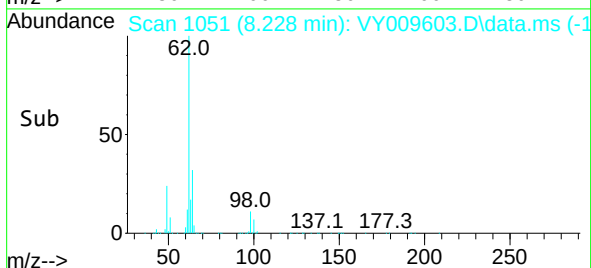
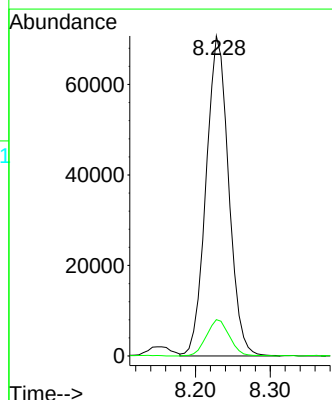
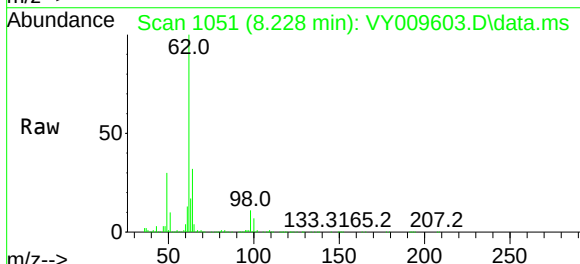
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

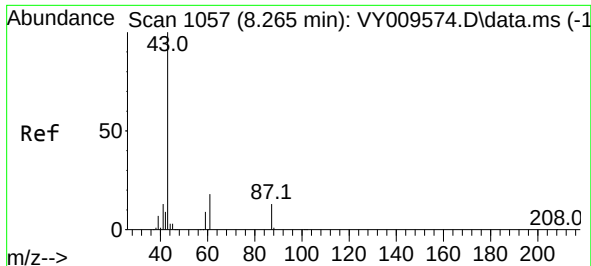
Tgt Ion: 41 Resp: 131734
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 43.290 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 62 Resp: 148805
Ion Ratio Lower Upper
62 100
98 11.6 0.0 14.8

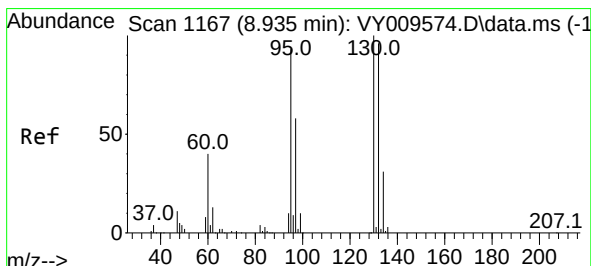
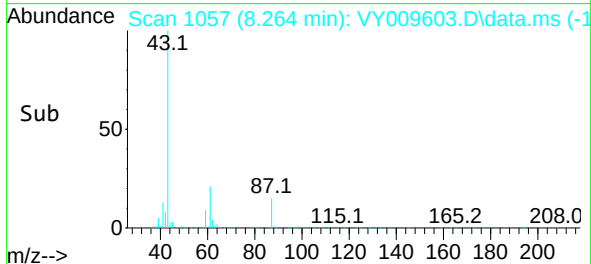
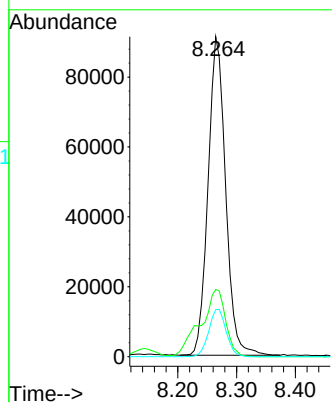
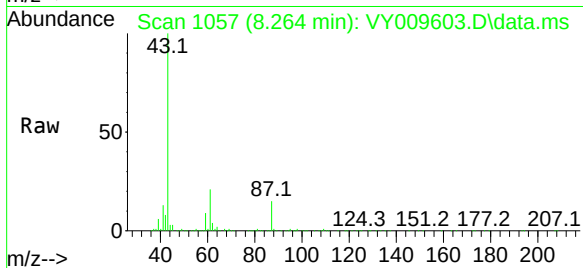




#43
Isopropyl Acetate
Concen: 44.325 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

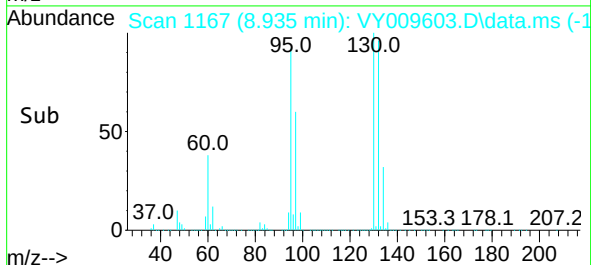
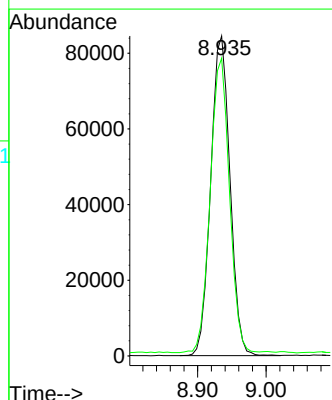
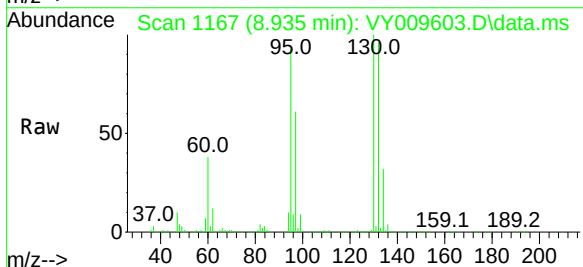
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

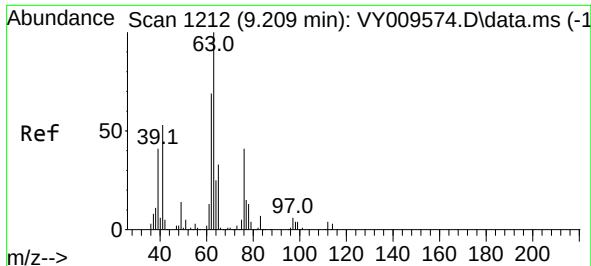
Tgt Ion: 43 Resp: 189299
Ion Ratio Lower Upper
43 100
61 30.3 20.2 30.2#
87 14.7 8.9 13.3#



#44
Trichloroethene
Concen: 47.194 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion:130 Resp: 164466
Ion Ratio Lower Upper
130 100
95 92.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 47.083 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

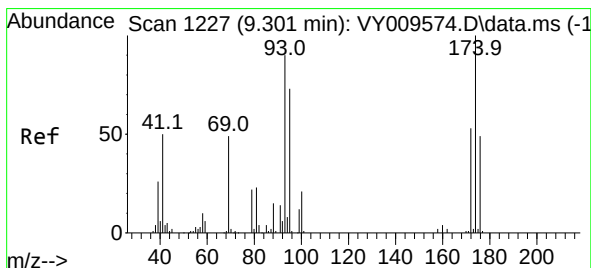
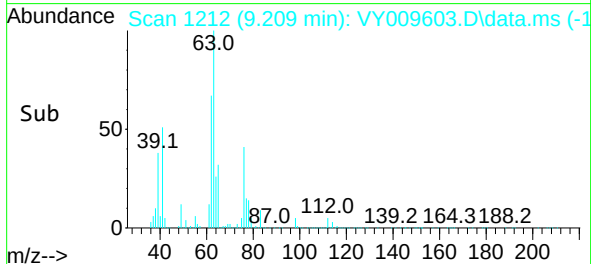
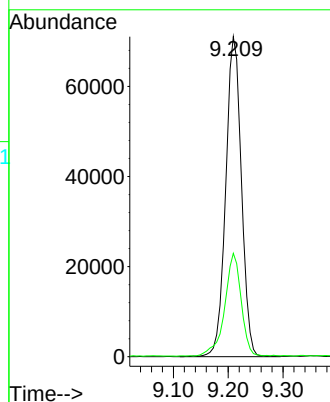
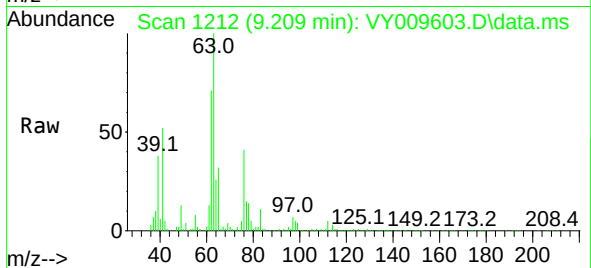
VSTDCCC050EC

Tgt Ion: 63 Resp: 141546

Ion Ratio Lower Upper

63 100

65 32.1 23.0 34.6



#46

Dibromomethane

Concen: 45.992 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

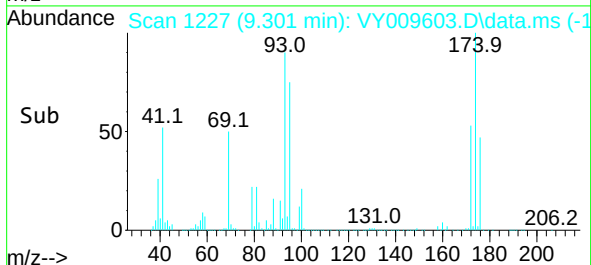
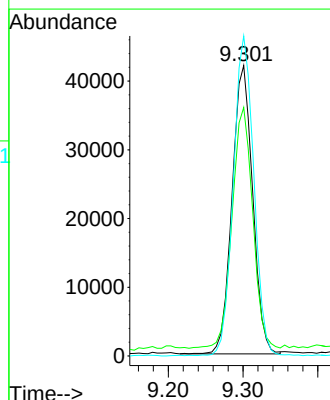
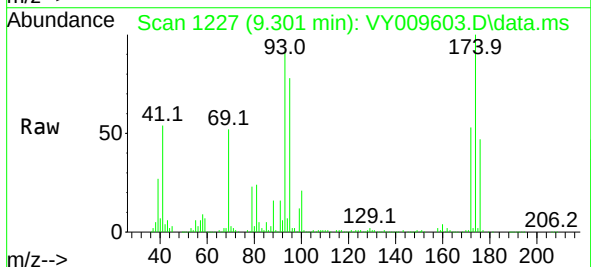
Tgt Ion: 93 Resp: 80304

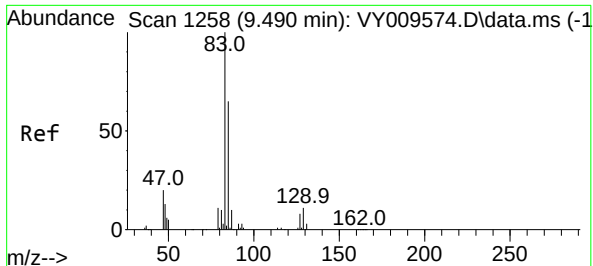
Ion Ratio Lower Upper

93 100

95 83.8 64.3 96.5

174 110.0 83.4 125.0





#47

Bromodichloromethane

Concen: 46.580 ug/l

RT: 9.490 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

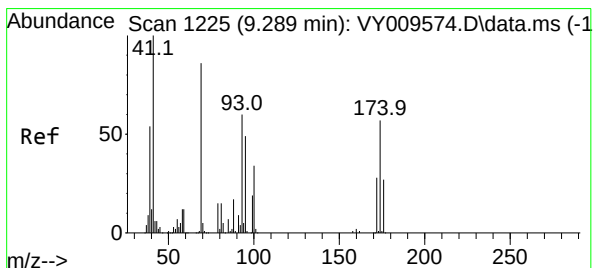
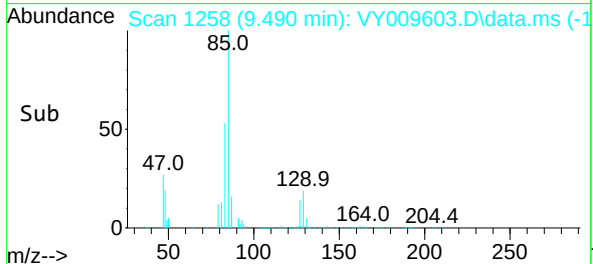
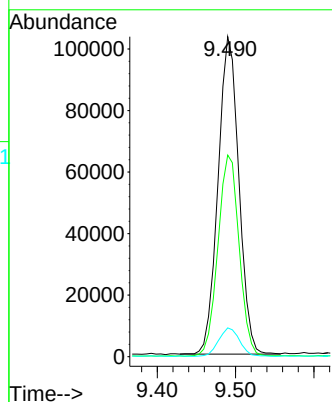
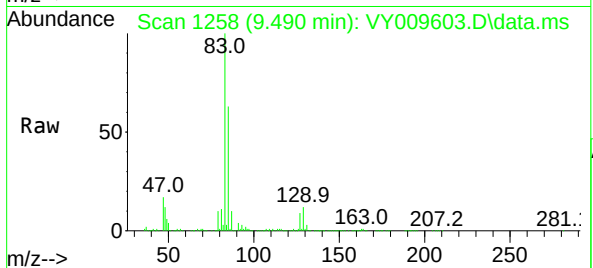
Tgt Ion: 83 Resp: 190705

Ion Ratio Lower Upper

83 100

85 63.3 51.9 77.9

127 8.9 6.6 10.0



#48

Methyl methacrylate

Concen: 45.409 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

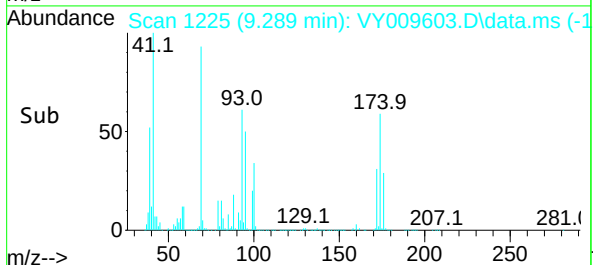
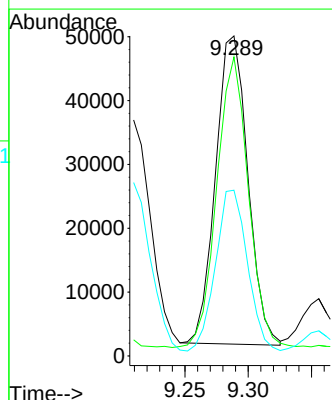
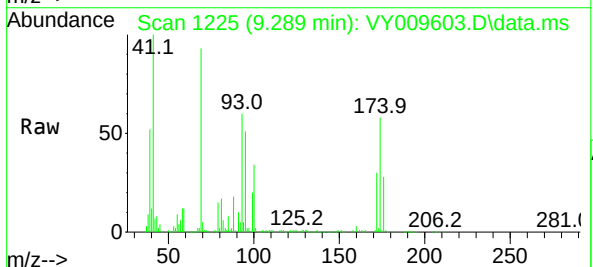
Tgt Ion: 41 Resp: 85679

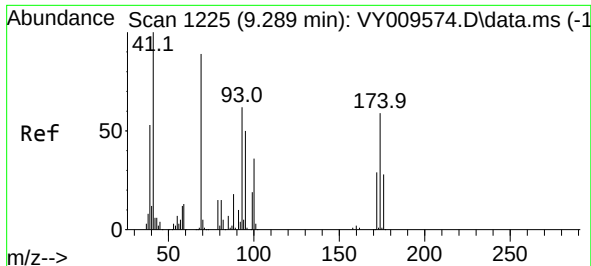
Ion Ratio Lower Upper

41 100

69 92.5 58.2 87.2#

39 51.7 47.4 71.0





#49

1,4-Dioxane

Concen: 965.853 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

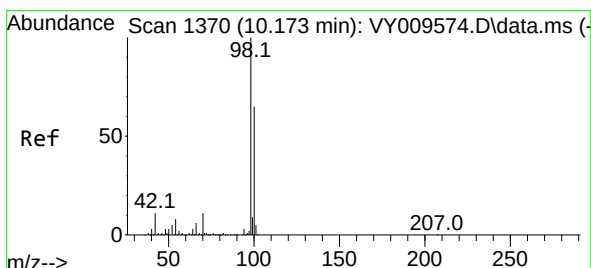
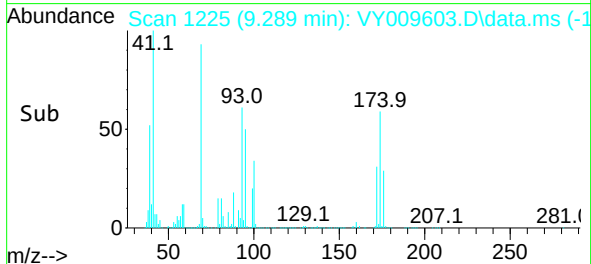
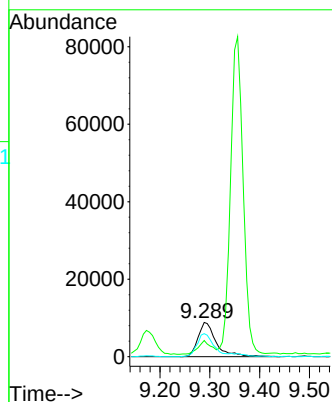
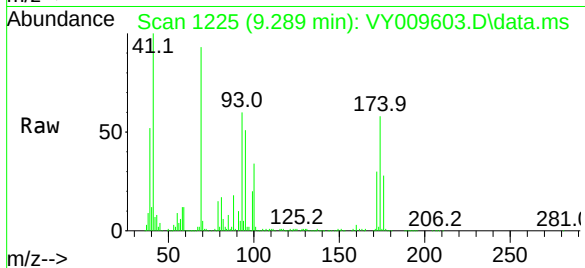
Tgt Ion: 88 Resp: 22479

Ion Ratio Lower Upper

88 100

43 28.8 32.8 49.2#

58 61.5 59.8 89.6



#50

Toluene-d8

Concen: 49.118 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009603.D

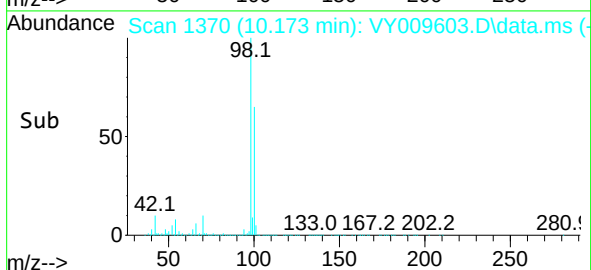
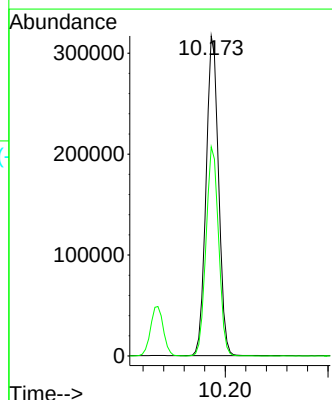
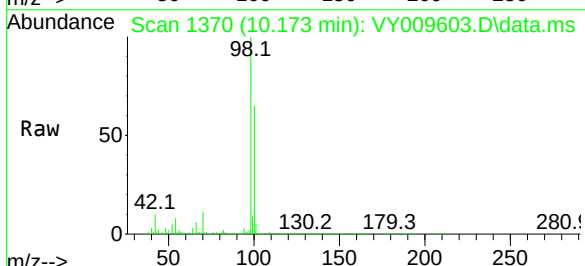
Acq: 19 Jul 2022 20:33

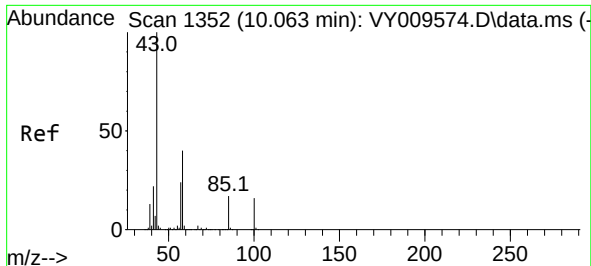
Tgt Ion: 98 Resp: 535092

Ion Ratio Lower Upper

98 100

100 66.0 50.2 75.2

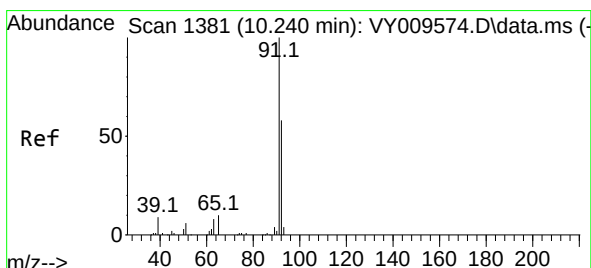
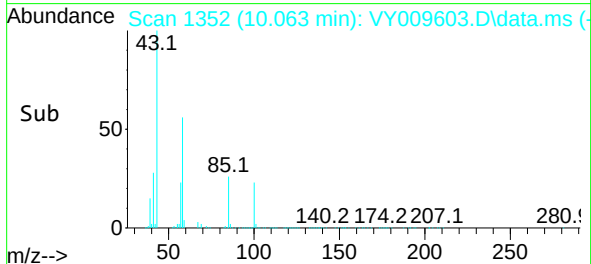
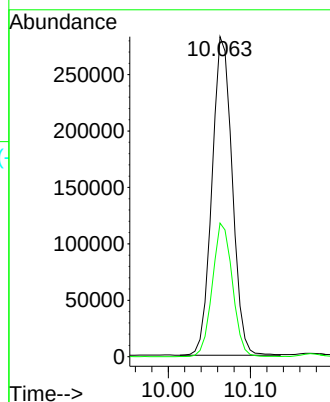
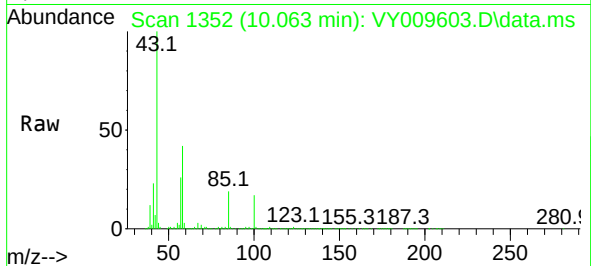




#51
4-Methyl-2-Pentanone
Concen: 218.196 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

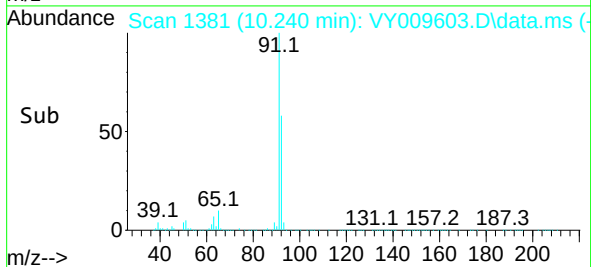
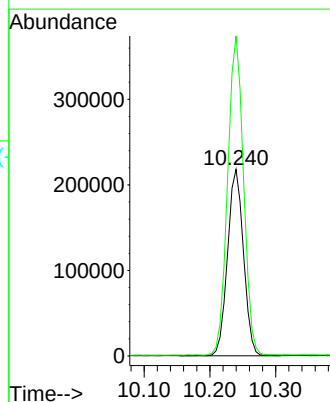
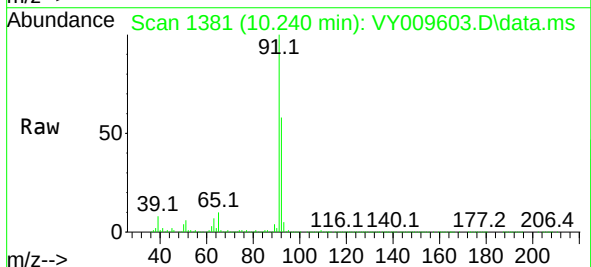
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

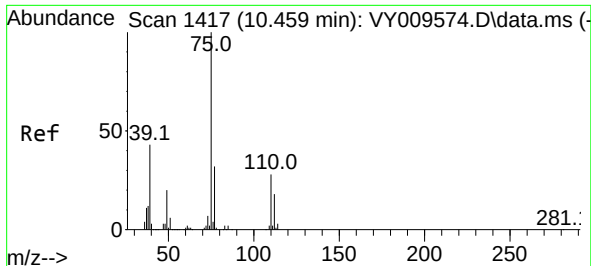
Tgt Ion: 43 Resp: 483836
Ion Ratio Lower Upper
43 100
58 41.4 28.1 42.1



#52
Toluene
Concen: 47.166 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 92 Resp: 366094
Ion Ratio Lower Upper
92 100
91 171.0 142.6 213.8

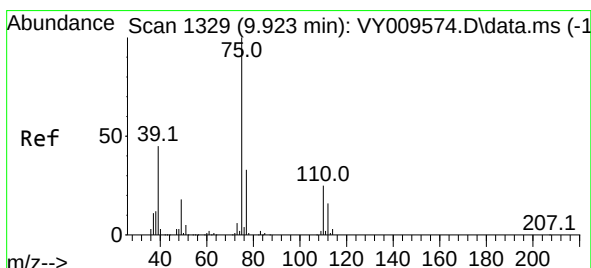
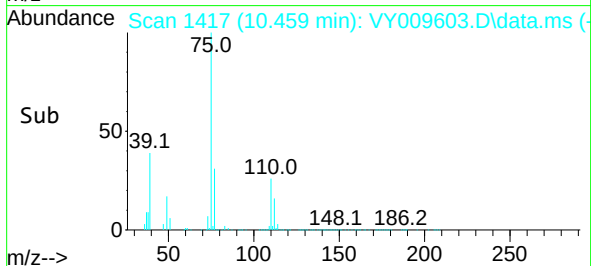
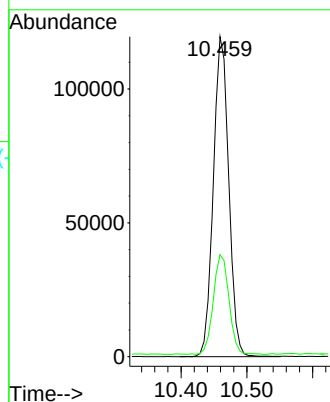
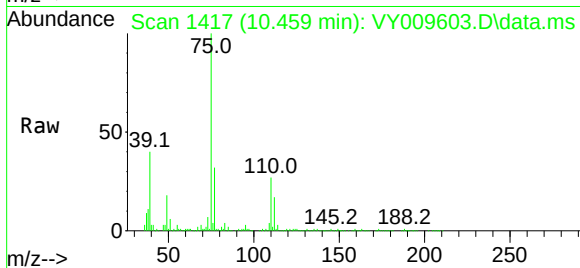




#53
t-1,3-Dichloropropene
Concen: 46.125 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

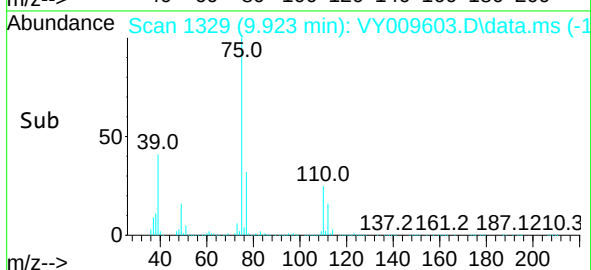
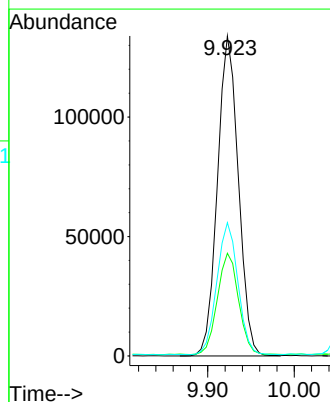
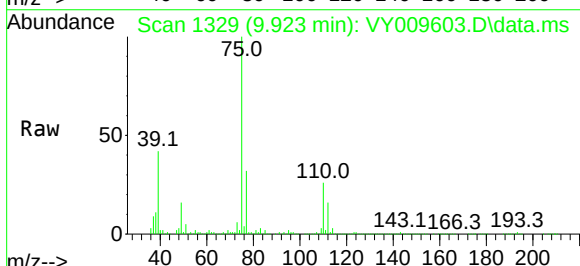
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

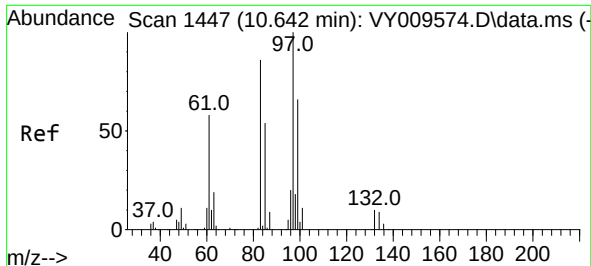
Tgt Ion: 75 Resp: 195049
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 46.756 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 75 Resp: 224810
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
39 41.3 47.6 71.4#



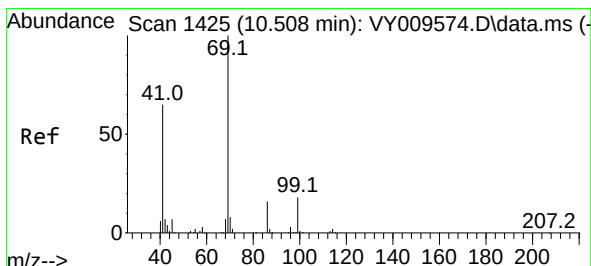
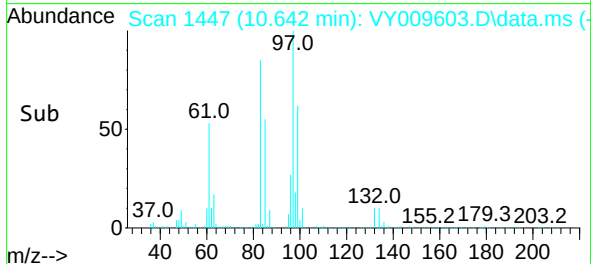
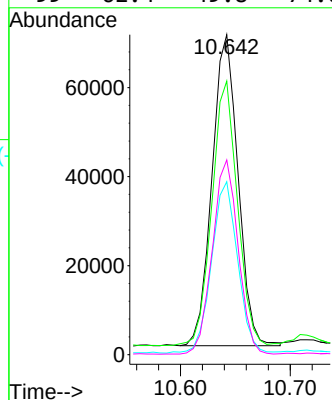
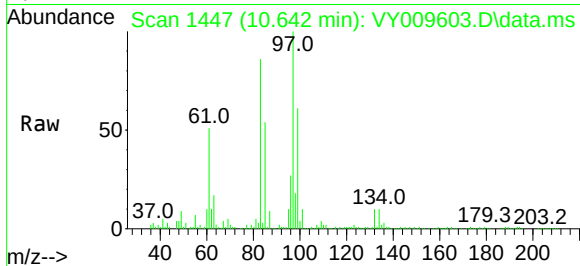


#55
1,1,2-Trichloroethane
Concen: 46.744 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 114944

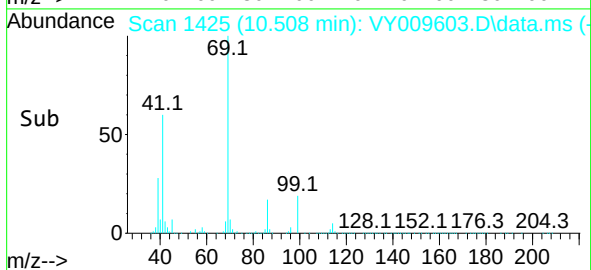
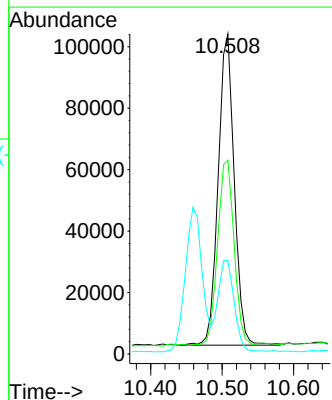
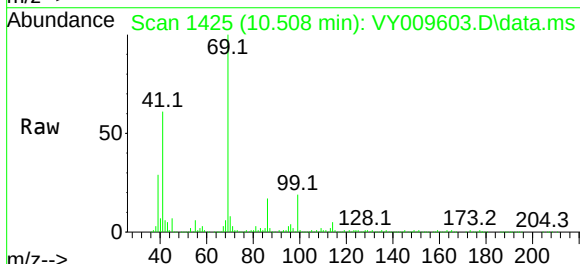
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.8	104.8
85	54.8	44.3	66.5
99	62.4	49.8	74.6

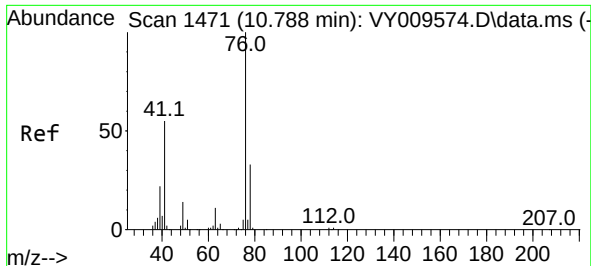


#56
Ethyl methacrylate
Concen: 50.230 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 69 Resp: 158023

Ion	Ratio	Lower	Upper
69	100		
41	61.0	63.4	95.0#
39	29.6	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 46.872 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

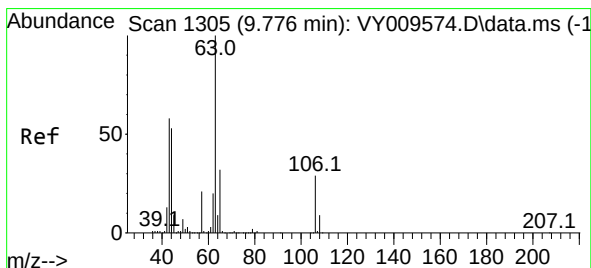
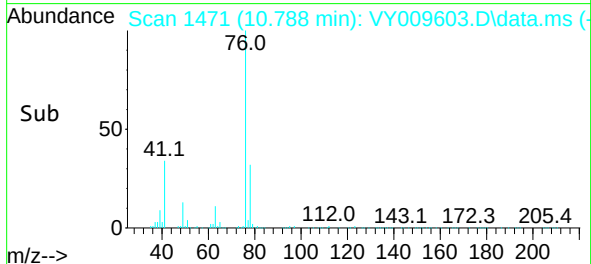
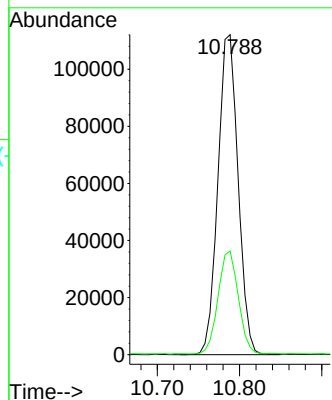
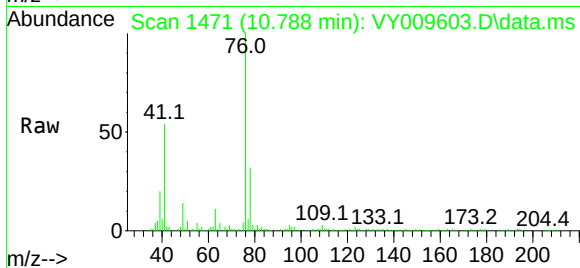
VSTDCCC050EC

Tgt Ion: 76 Resp: 191267

Ion Ratio Lower Upper

76 100

78 32.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 245.877 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009603.D

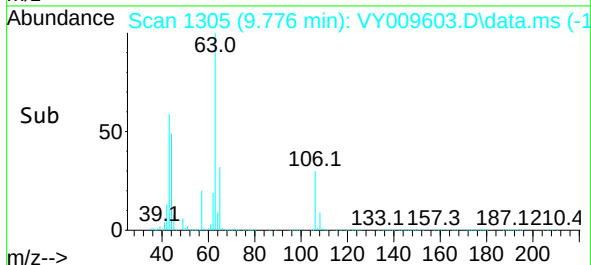
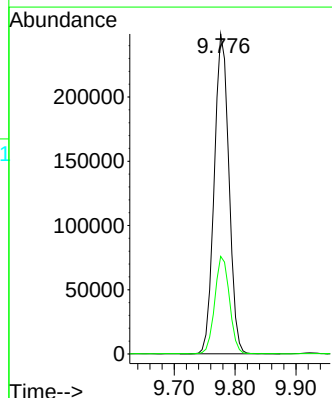
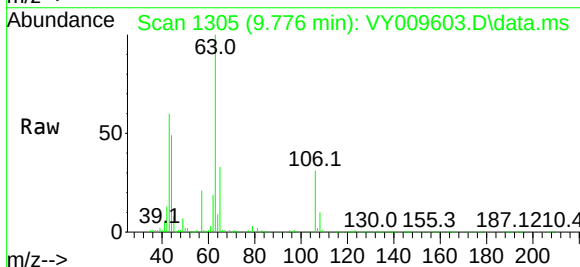
Acq: 19 Jul 2022 20:33

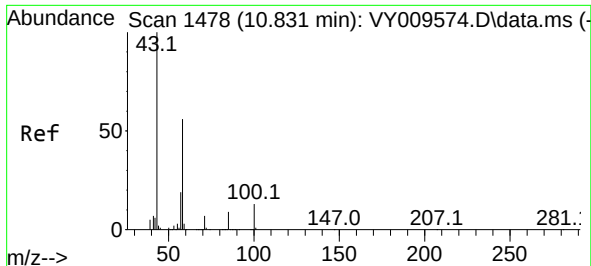
Tgt Ion: 63 Resp: 416762

Ion Ratio Lower Upper

63 100

106 30.5 21.5 32.3

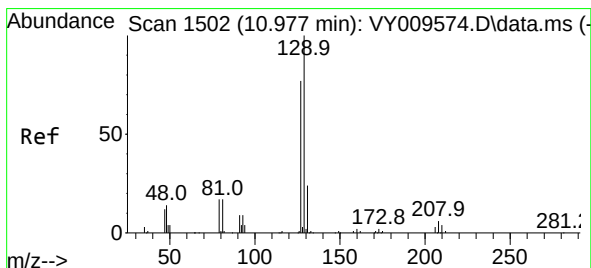
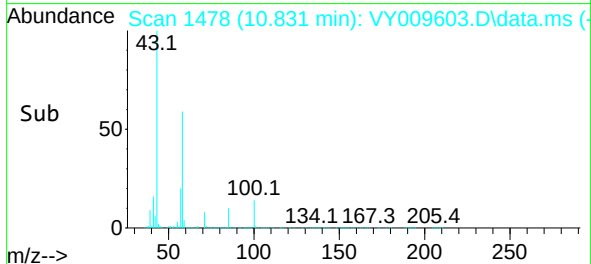
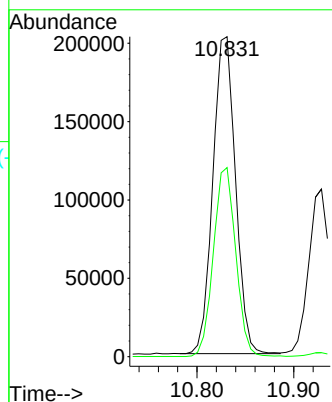
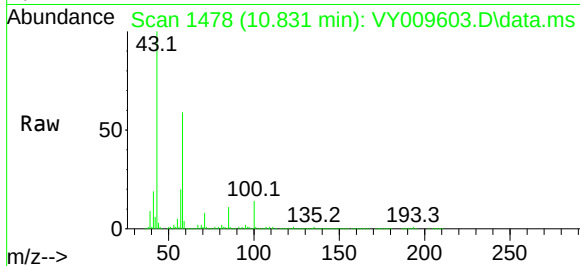




#59
2-Hexanone
Concen: 213.059 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

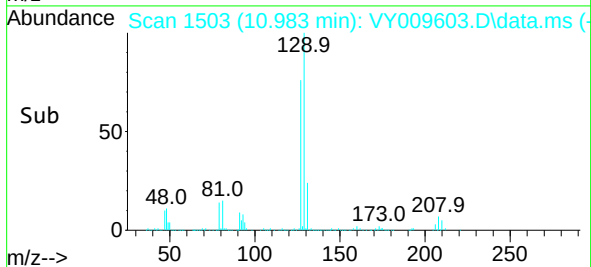
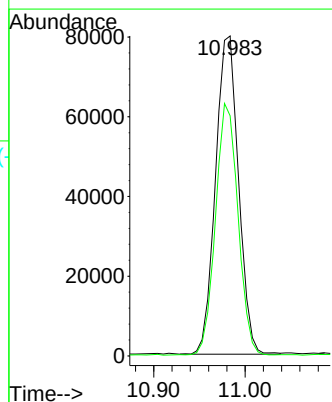
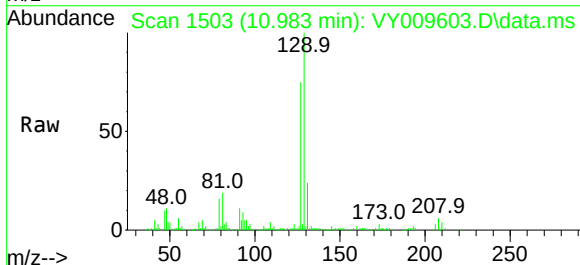
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

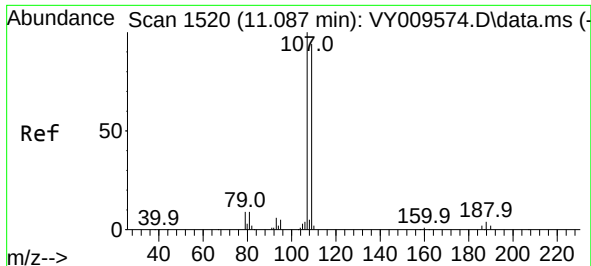
Tgt Ion: 43 Resp: 328595
Ion Ratio Lower Upper
43 100
58 59.0 24.4 73.4



#60
Dibromochloromethane
Concen: 46.984 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 129 Resp: 139803
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1

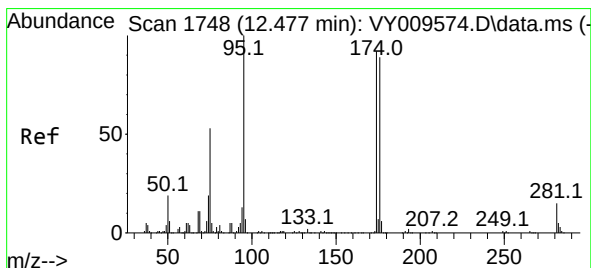
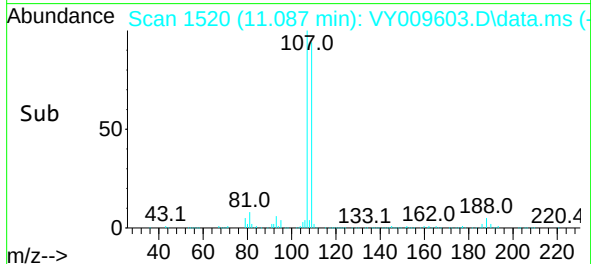
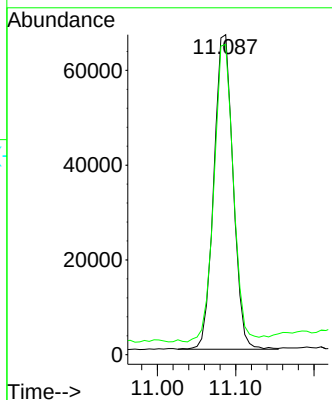
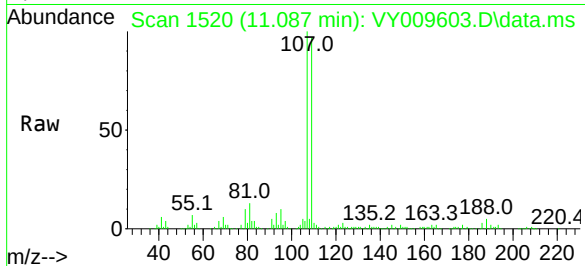




#61
1,2-Dibromoethane
Concen: 47.241 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

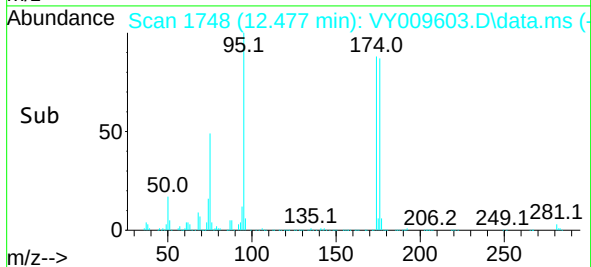
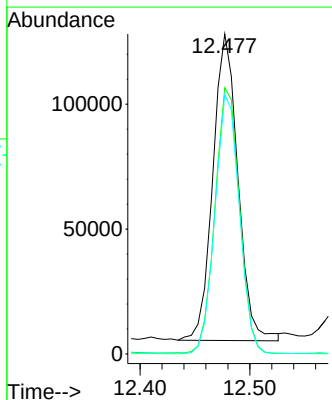
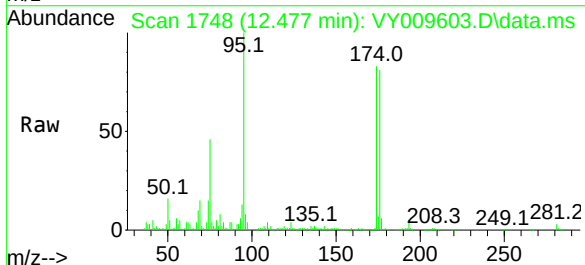
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

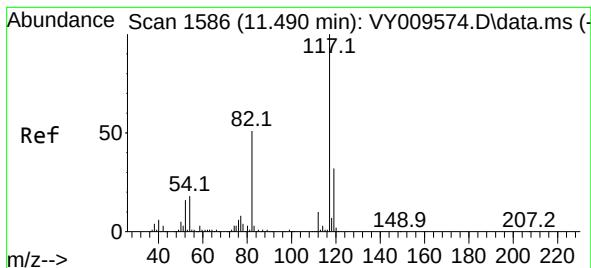
Tgt Ion:107 Resp: 113337
Ion Ratio Lower Upper
107 100
109 95.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 55.316 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 95 Resp: 195266
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 82.5 0.0 175.8

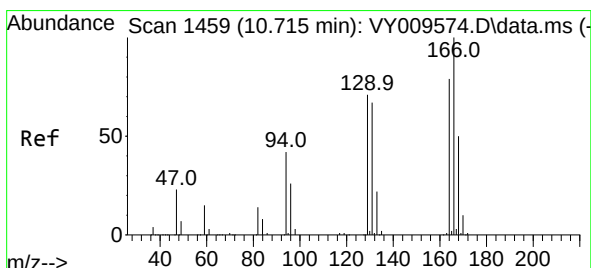
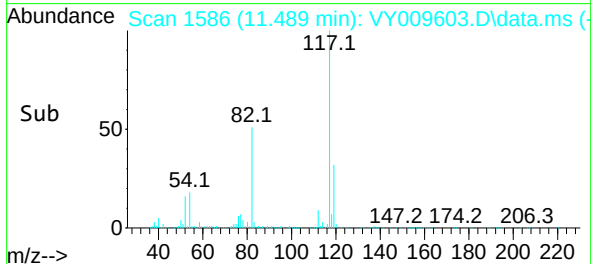
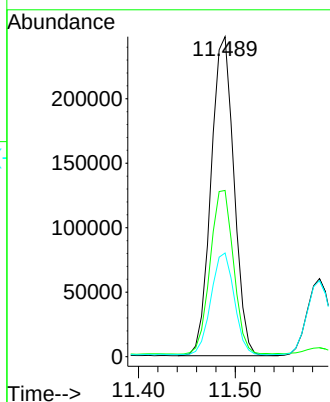
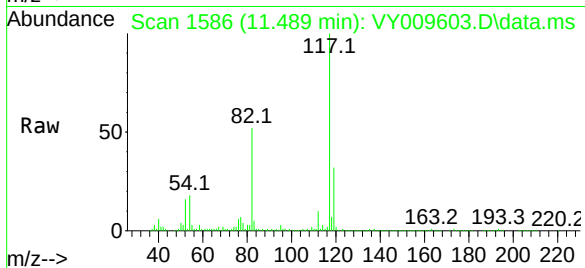




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

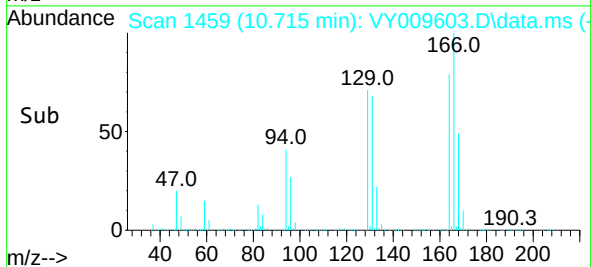
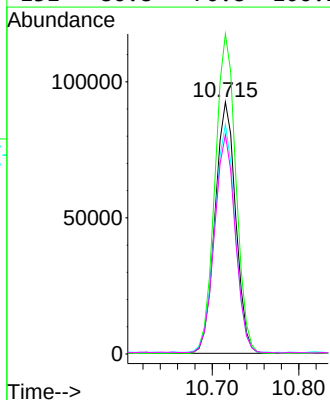
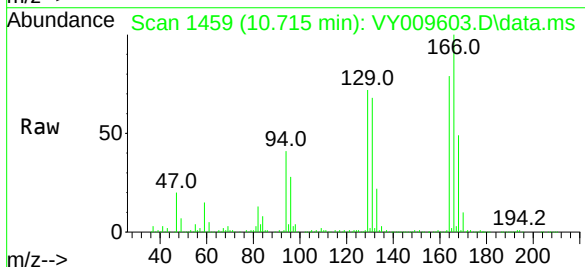
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

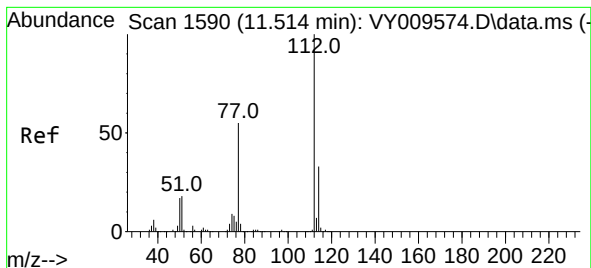
Tgt Ion:117 Resp: 407052
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 47.888 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion:164 Resp: 152555
Ion Ratio Lower Upper
164 100
166 127.1 100.4 150.6
129 90.6 71.4 107.0
131 86.8 70.8 106.2





#65

Chlorobenzene

Concen: 47.147 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

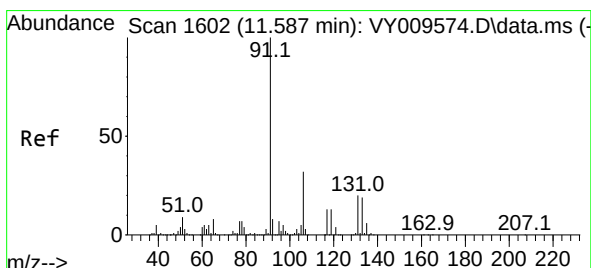
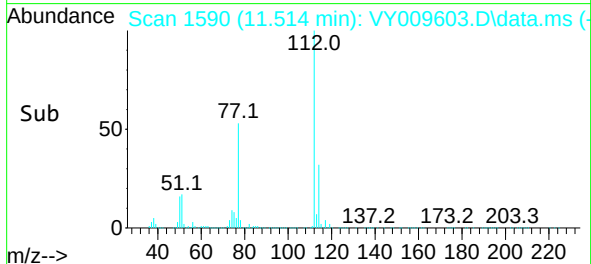
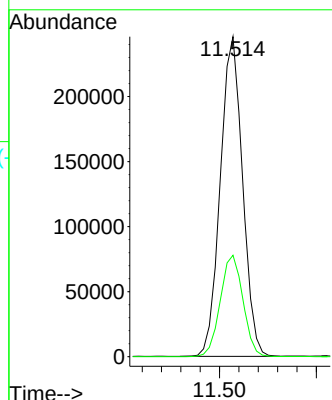
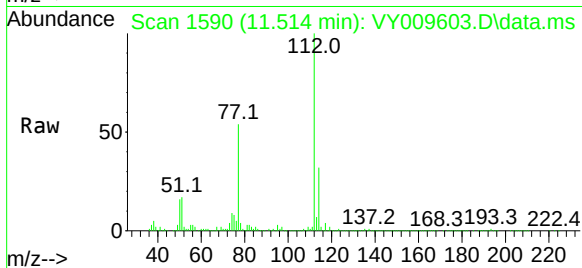
VSTDCCC050EC

Tgt Ion:112 Resp: 392169

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 48.456 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

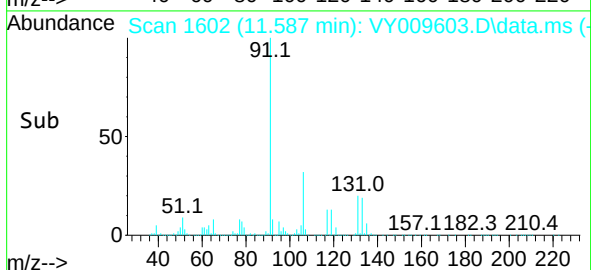
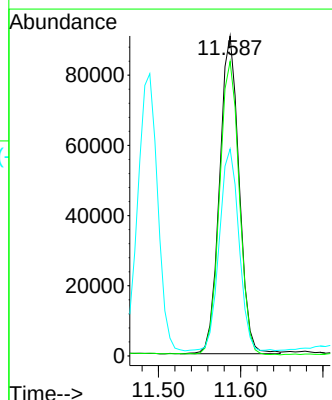
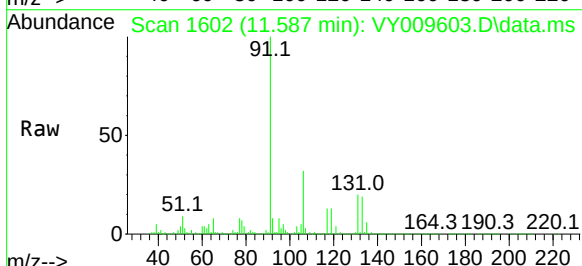
Tgt Ion:131 Resp: 149751

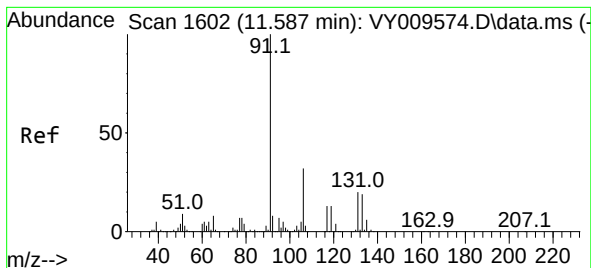
Ion Ratio Lower Upper

131 100

133 93.1 47.9 143.6

119 63.5 30.8 92.3

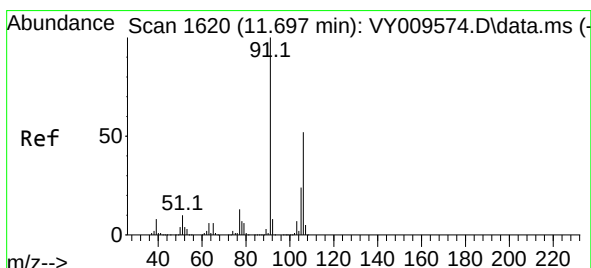
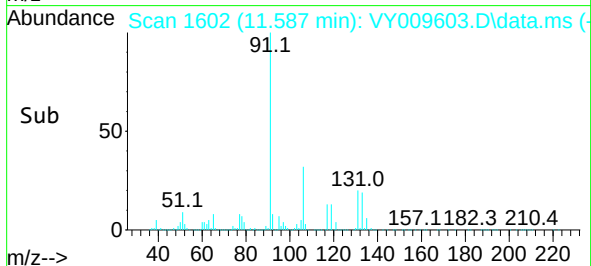
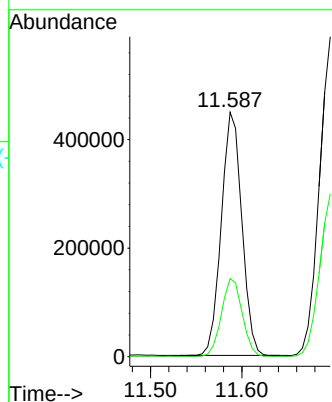
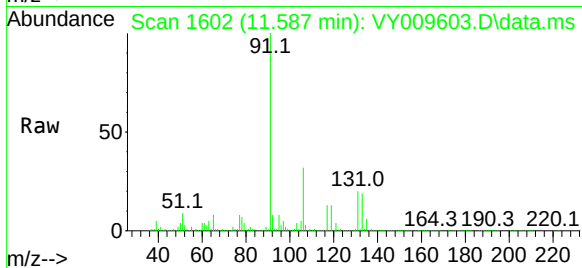




#67
Ethyl Benzene
Concen: 47.886 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

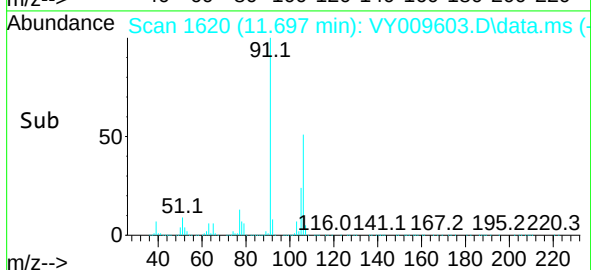
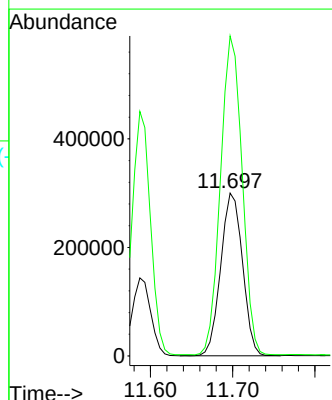
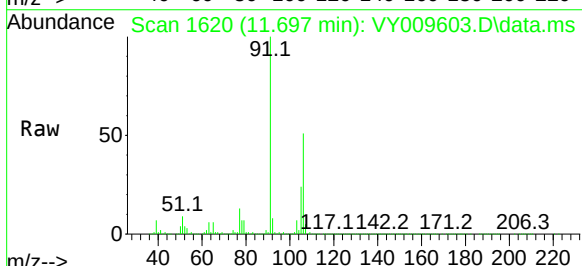
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

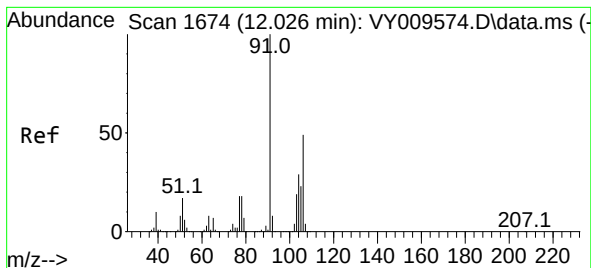
Tgt Ion: 91 Resp: 700555
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7



#68
m/p-Xylenes
Concen: 94.694 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 106 Resp: 551334
Ion Ratio Lower Upper
106 100
91 194.3 166.6 249.8

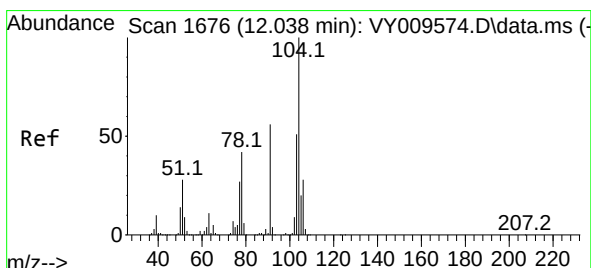
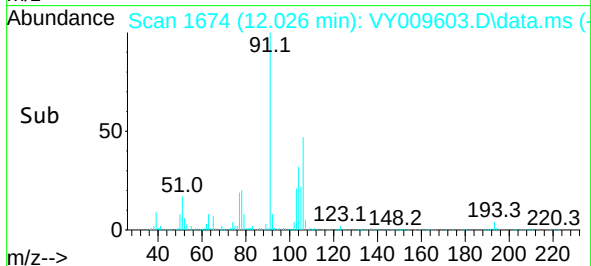
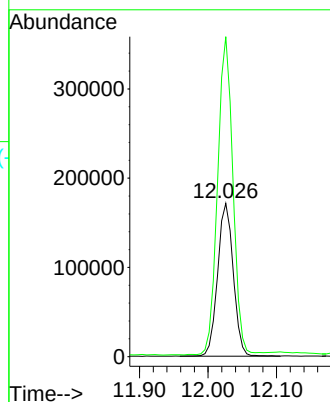
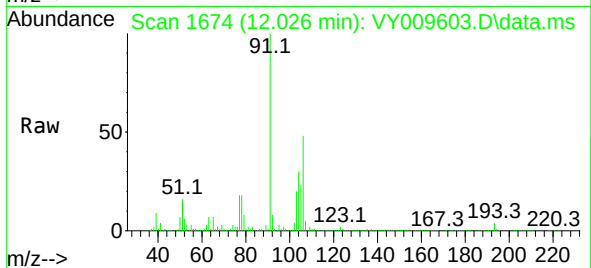




#69
o-Xylene
Concen: 49.555 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

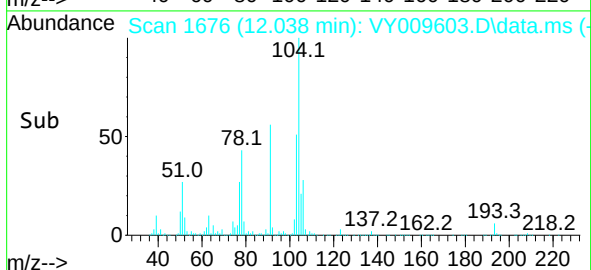
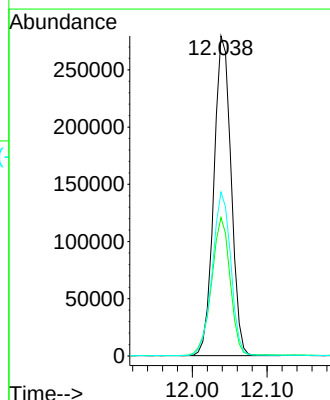
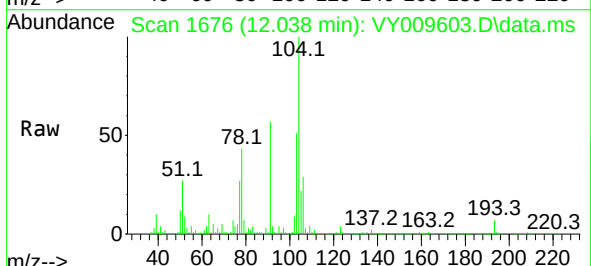
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

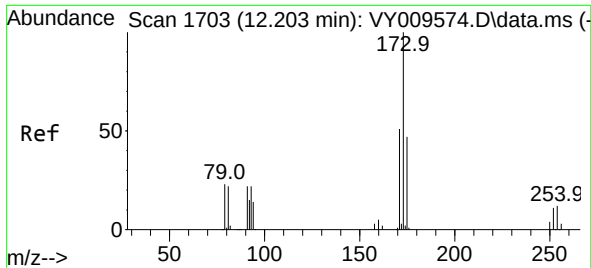
Tgt Ion:106 Resp: 270006
Ion Ratio Lower Upper
106 100
91 204.9 110.3 331.0



#70
Styrene
Concen: 49.350 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion:104 Resp: 447227
Ion Ratio Lower Upper
104 100
78 46.6 42.4 63.6
103 55.0 44.4 66.6

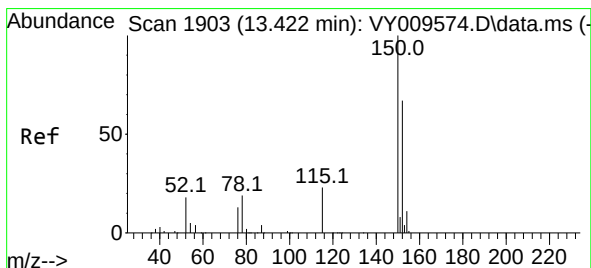
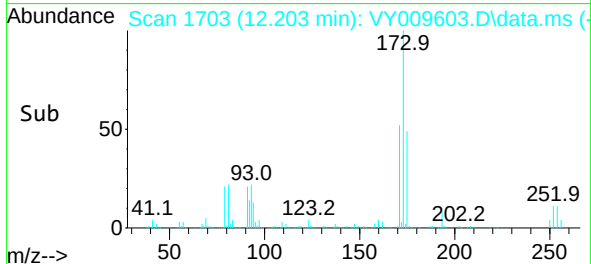
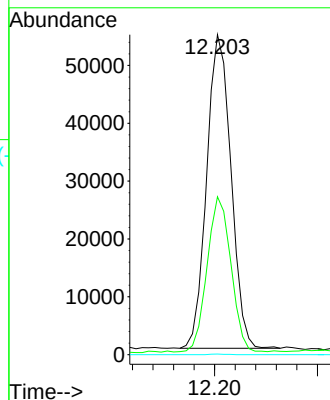
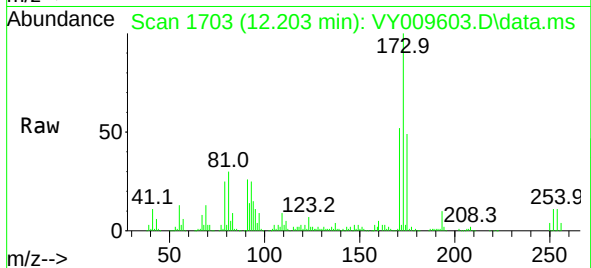




#71
Bromoform
Concen: 45.718 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

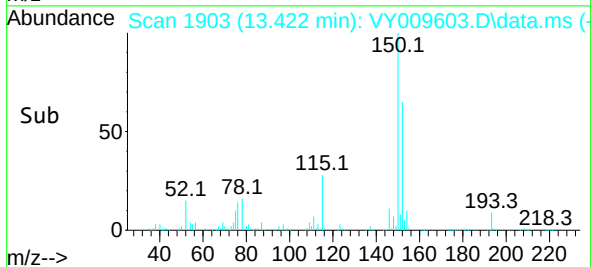
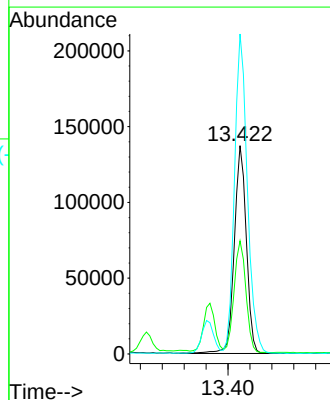
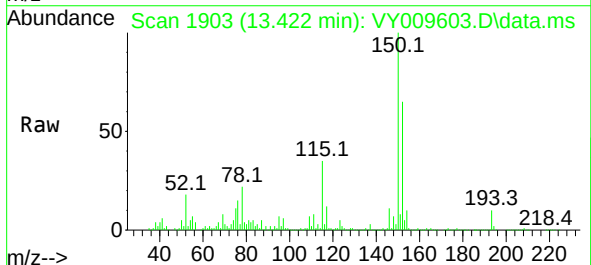
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

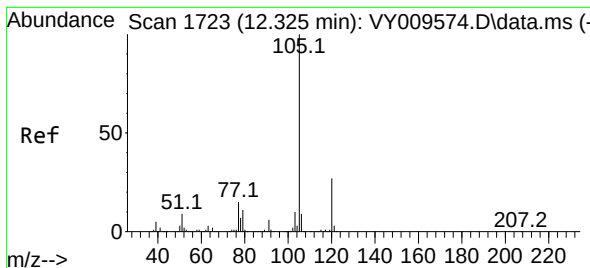
Tgt Ion:173 Resp: 89162
Ion Ratio Lower Upper
173 100
175 48.4 24.6 74.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion:152 Resp: 208603
Ion Ratio Lower Upper
152 100
115 53.0 28.2 84.7
150 164.6 0.0 347.6





#73

Isopropylbenzene

Concen: 47.962 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

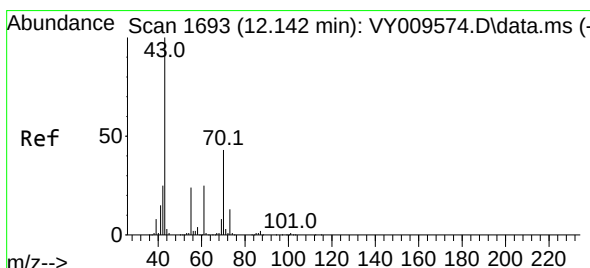
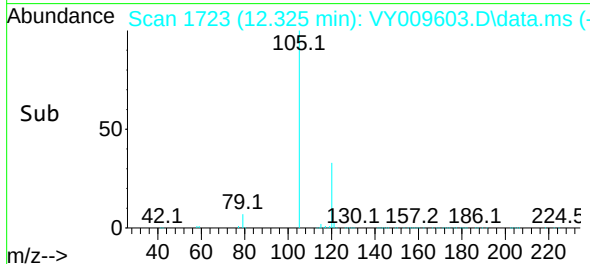
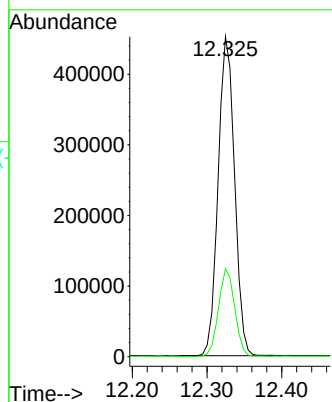
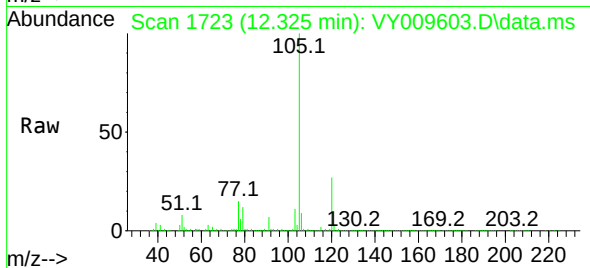
VSTDCCC050EC

Tgt Ion:105 Resp: 692718

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



#74

N-ethyl acetate

Concen: 54.547 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

Tgt Ion: 43 Resp: 209526

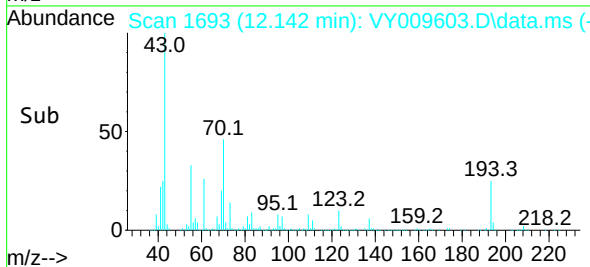
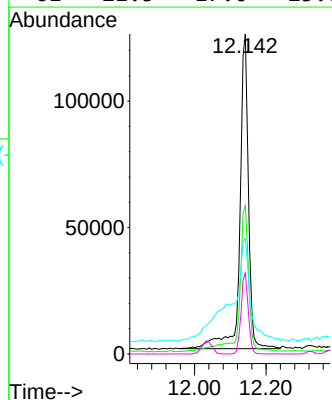
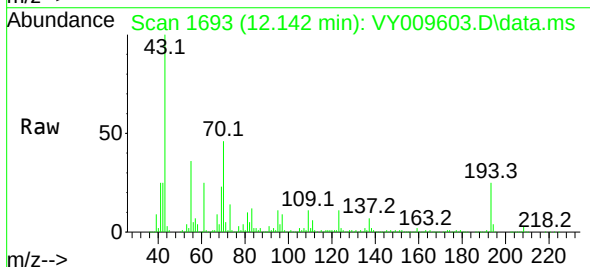
Ion Ratio Lower Upper

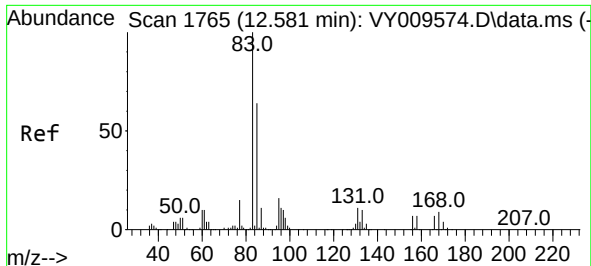
43 100

70 50.6 28.7 43.1#

55 73.4 17.3 25.9#

61 21.5 17.0 25.6

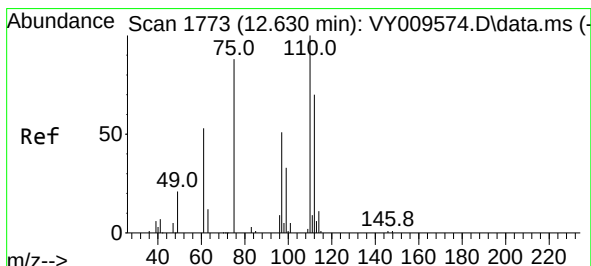
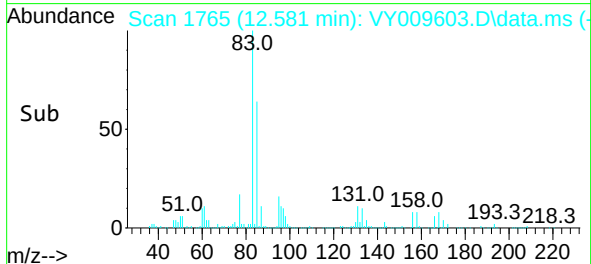
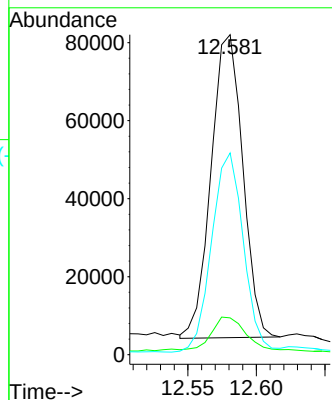
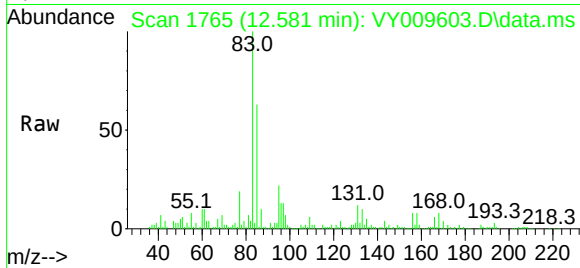




#75
1,1,2,2-Tetrachloroethane
Concen: 43.219 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

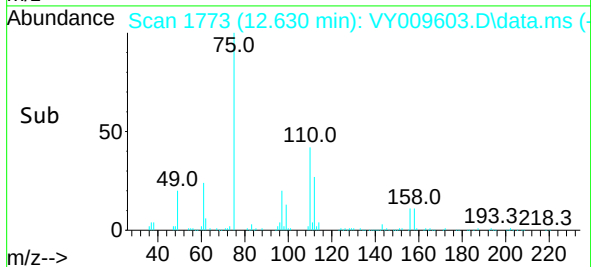
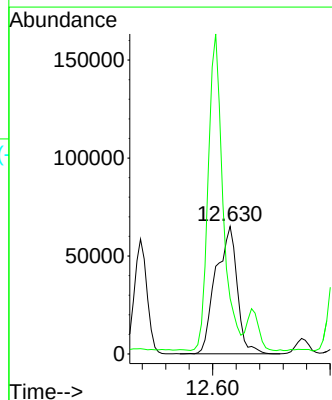
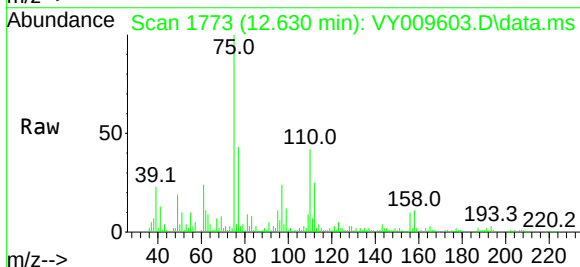
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

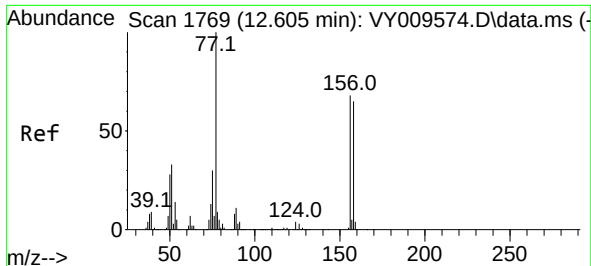
Tgt Ion: 83 Resp: 125010
Ion Ratio Lower Upper
83 100
131 14.1 5.6 16.8
85 65.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 82.669 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 75 Resp: 164277
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

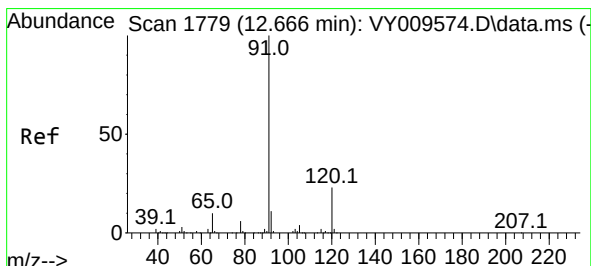
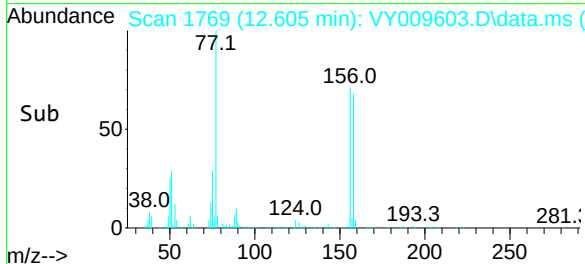
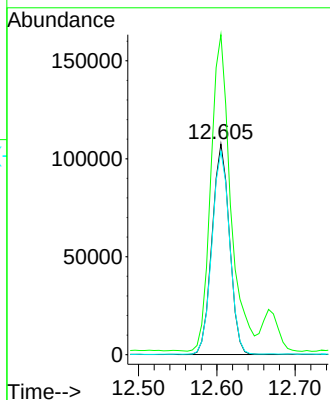
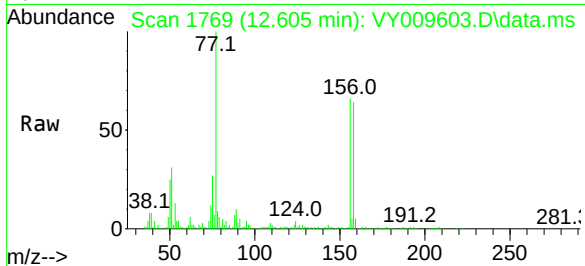




#77
Bromobenzene
Concen: 45.796 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

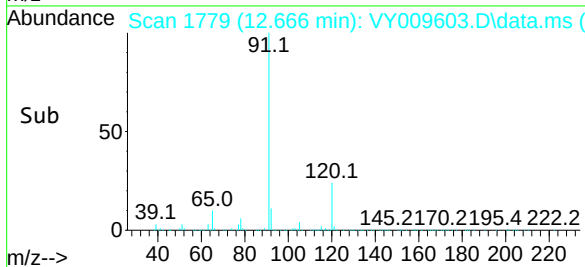
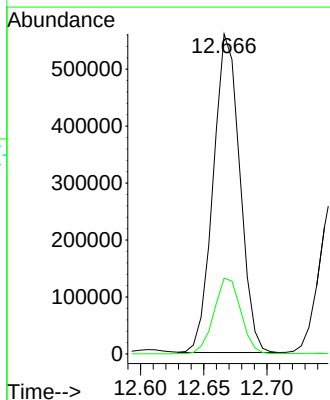
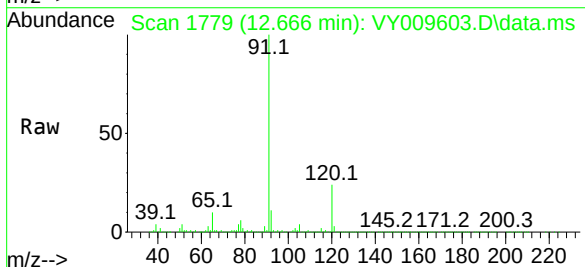
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

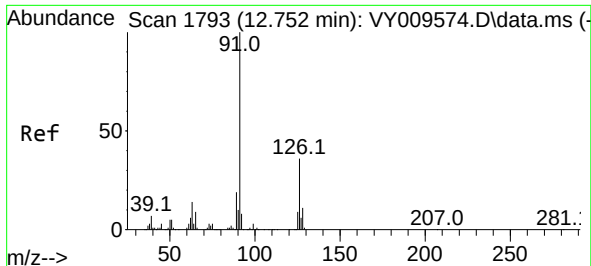
Tgt Ion:156 Resp: 166328
Ion Ratio Lower Upper
156 100
77 169.3 95.5 286.4
158 97.8 48.0 144.0



#78
n-propylbenzene
Concen: 46.797 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 91 Resp: 816715
Ion Ratio Lower Upper
91 100
120 24.0 11.3 33.9

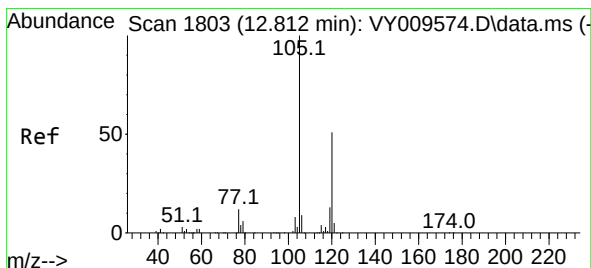
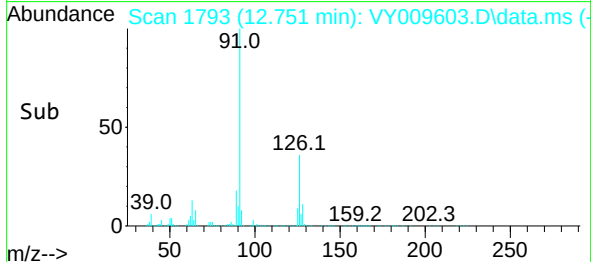
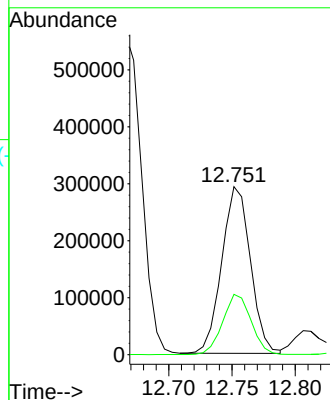
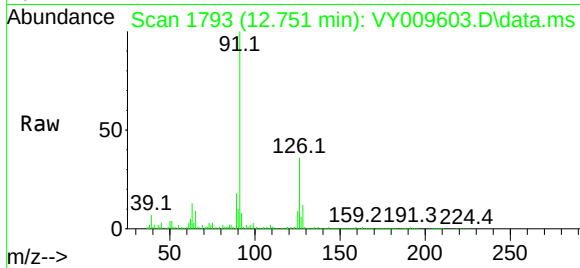




#79
2-Chlorotoluene
Concen: 47.735 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

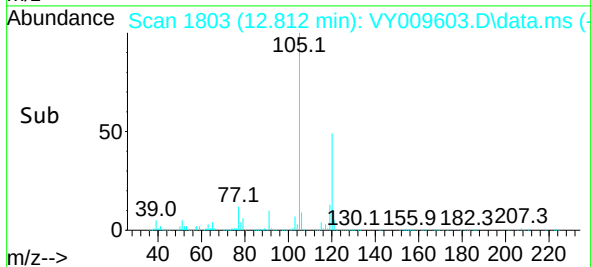
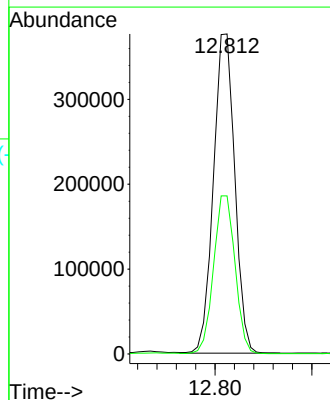
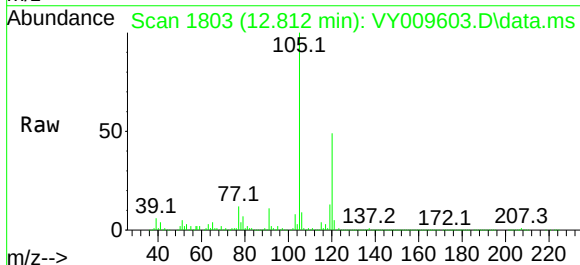
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

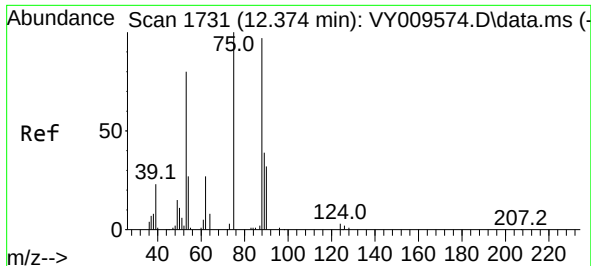
Tgt Ion: 91 Resp: 461888
Ion Ratio Lower Upper
91 100
126 35.8 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 48.219 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 105 Resp: 575460
Ion Ratio Lower Upper
105 100
120 49.9 24.4 73.4

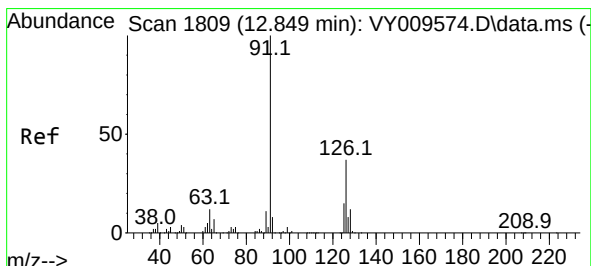
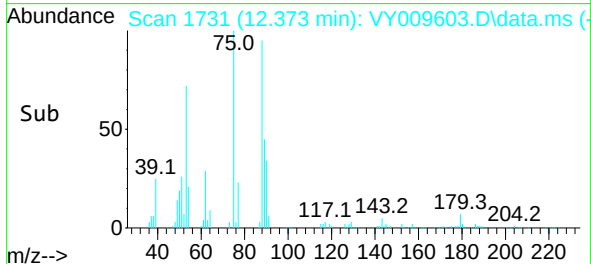
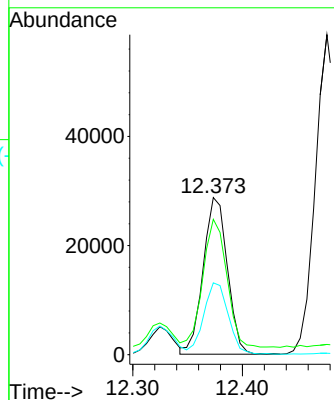
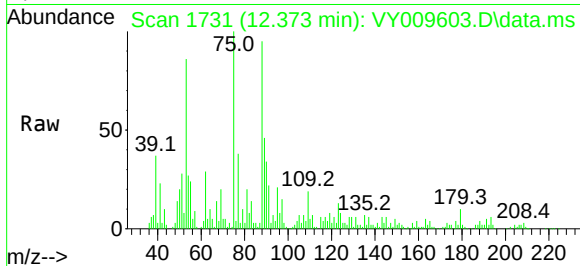




#81
trans-1,4-Dichloro-2-butene
Concen: 43.720 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

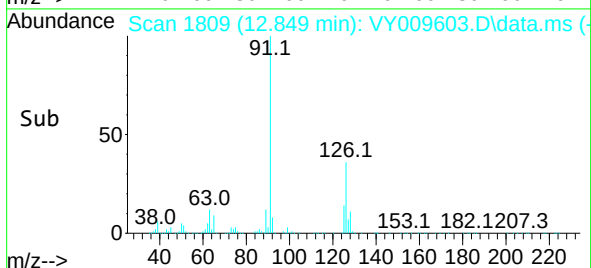
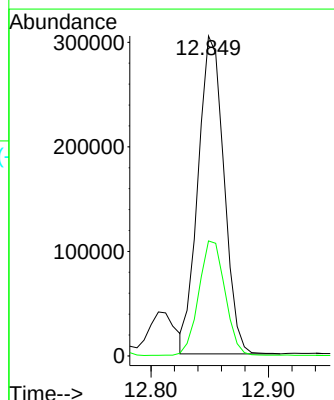
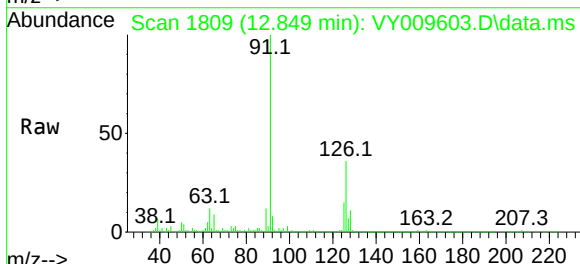
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

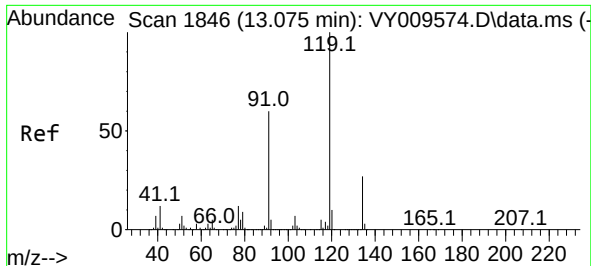
Tgt Ion: 75 Resp: 44061
Ion Ratio Lower Upper
75 100
53 81.3 85.3 127.9#
89 46.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 46.276 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion: 91 Resp: 464528
Ion Ratio Lower Upper
91 100
126 36.4 17.0 51.0

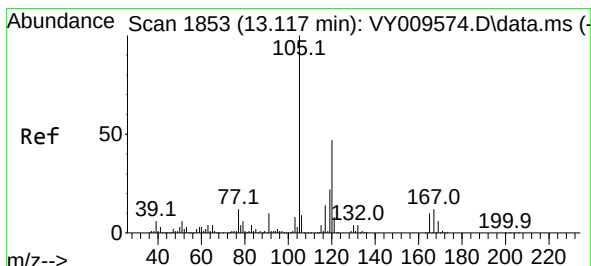
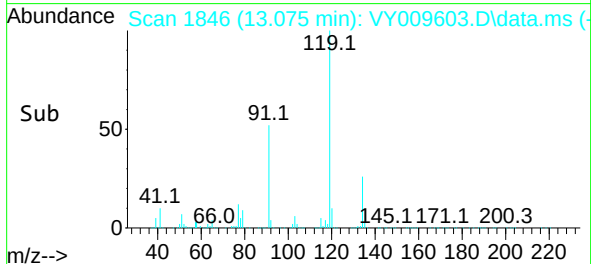
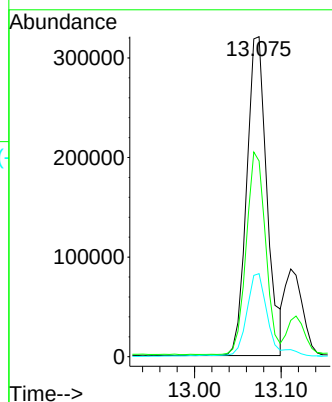
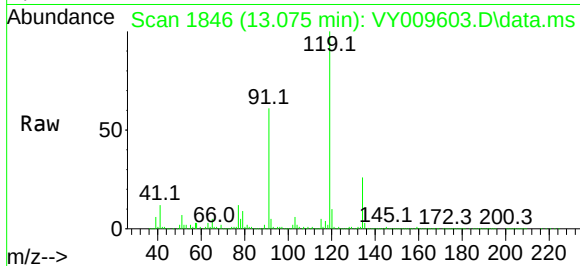




#83
tert-Butylbenzene
Concen: 48.994 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

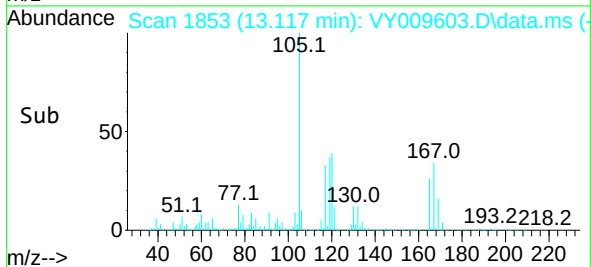
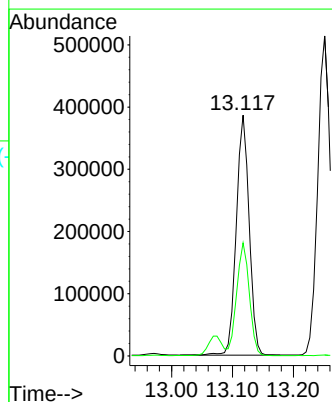
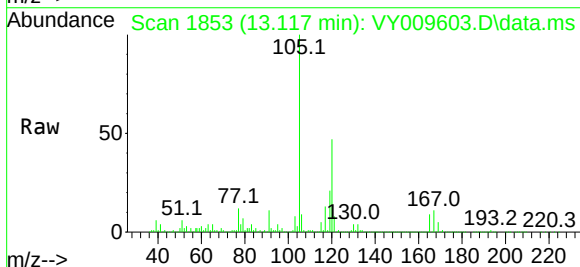
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

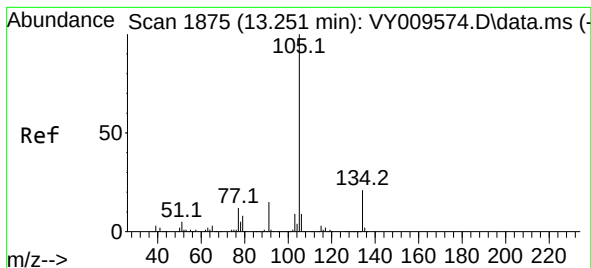
Tgt Ion:119 Resp: 519487
Ion Ratio Lower Upper
119 100
91 60.6 34.8 104.4
134 27.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 47.555 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY009603.D
Acq: 19 Jul 2022 20:33

Tgt Ion:105 Resp: 567585
Ion Ratio Lower Upper
105 100
120 46.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 47.533 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

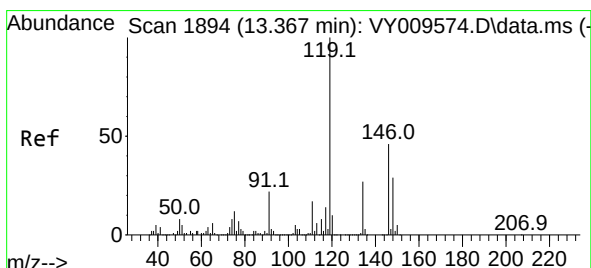
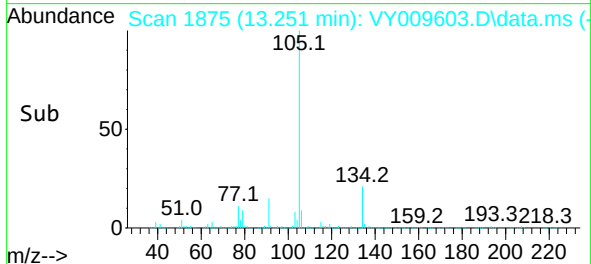
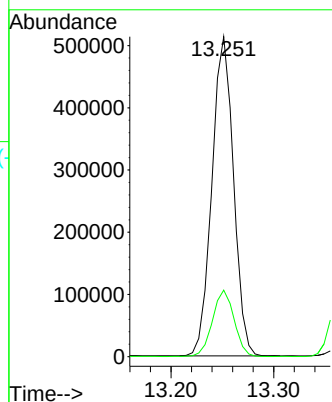
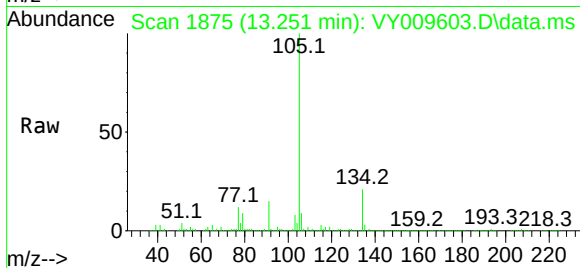
VSTDCCC050EC

Tgt Ion:105 Resp: 747227

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 47.757 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

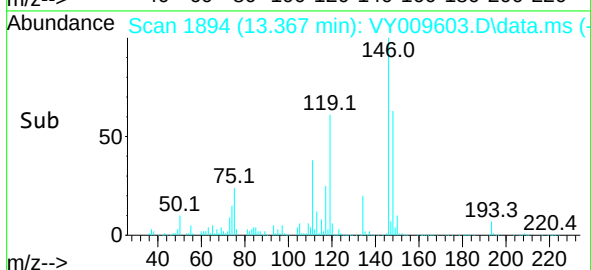
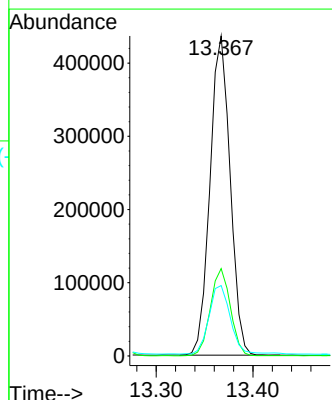
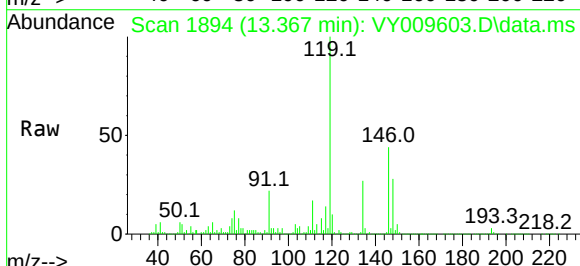
Tgt Ion:119 Resp: 630928

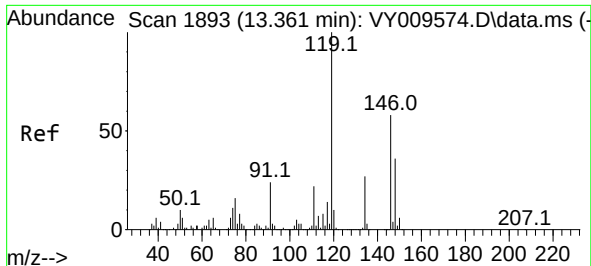
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 23.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 44.813 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

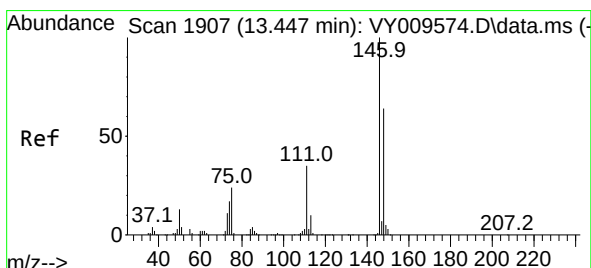
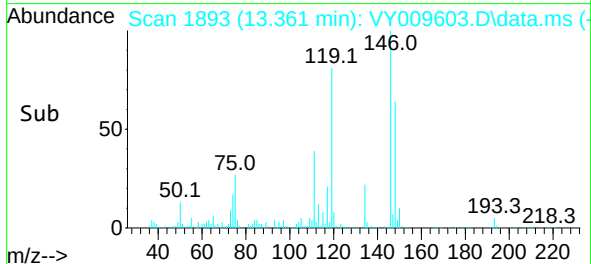
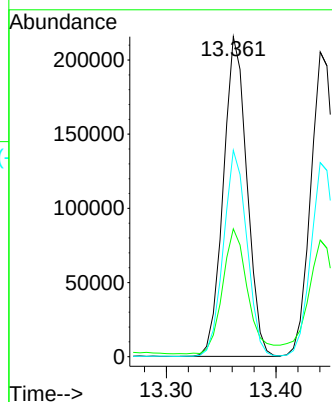
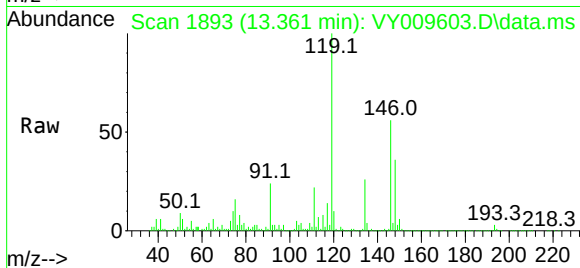
Tgt Ion:146 Resp: 321964

Ion Ratio Lower Upper

146 100

111 41.4 19.5 58.5

148 64.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 44.634 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

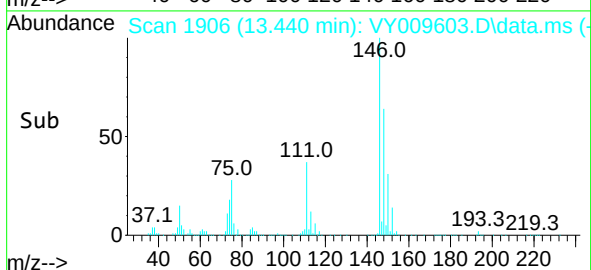
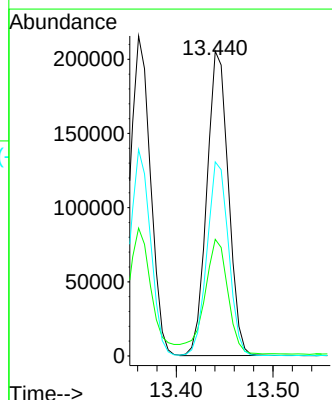
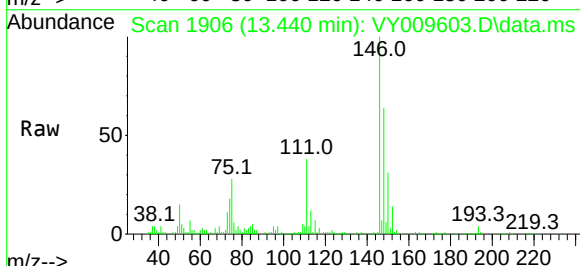
Tgt Ion:146 Resp: 317951

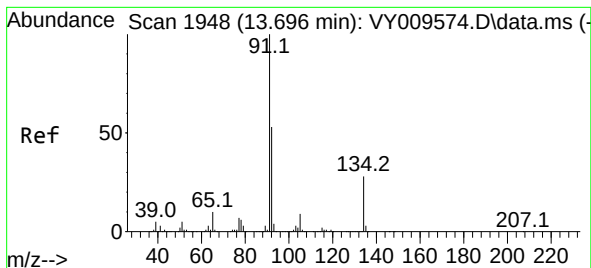
Ion Ratio Lower Upper

146 100

111 41.1 19.3 57.8

148 63.5 32.6 97.8





#89

n-Butylbenzene

Concen: 47.397 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

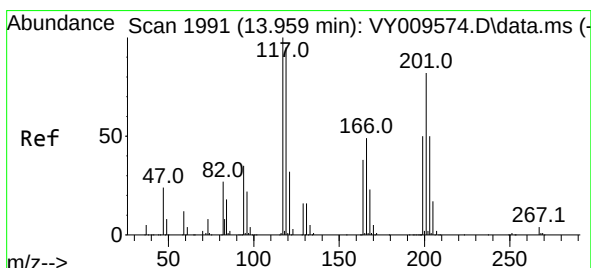
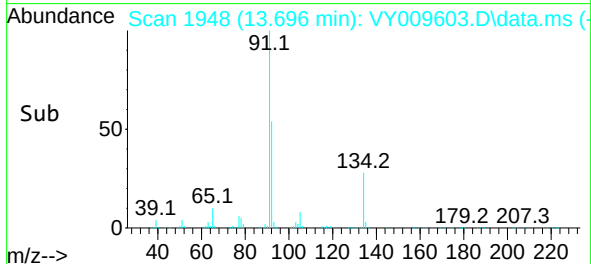
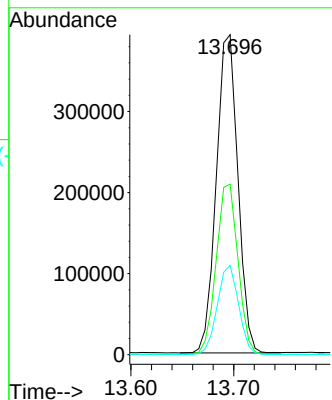
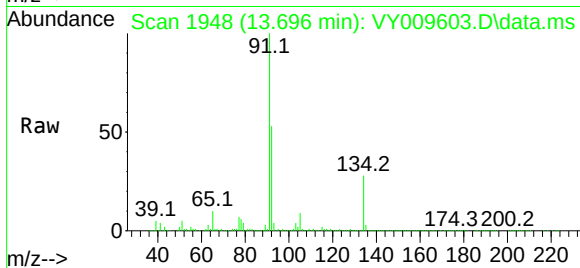
Tgt Ion: 91 Resp: 571868

Ion Ratio Lower Upper

91 100

92 53.9 26.3 78.9

134 27.6 13.0 38.9



#90

Hexachloroethane

Concen: 46.550 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY009603.D

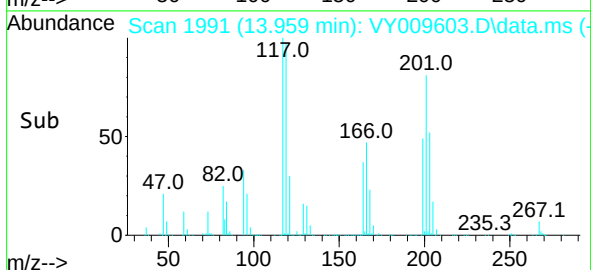
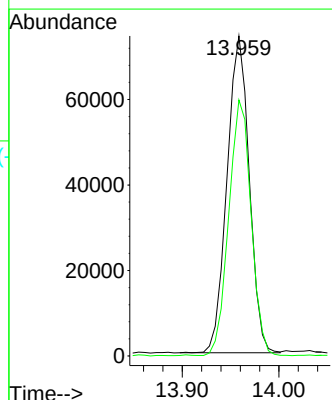
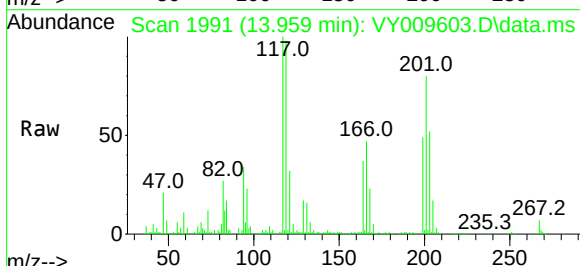
Acq: 19 Jul 2022 20:33

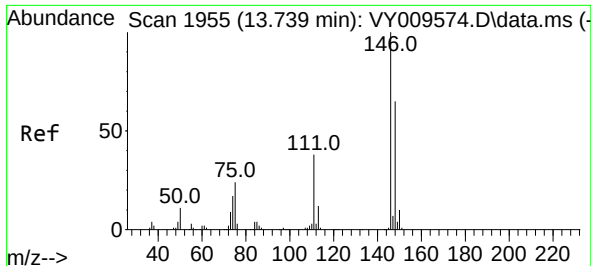
Tgt Ion: 117 Resp: 118481

Ion Ratio Lower Upper

117 100

201 80.8 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 45.630 ug/l

RT: 13.733 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

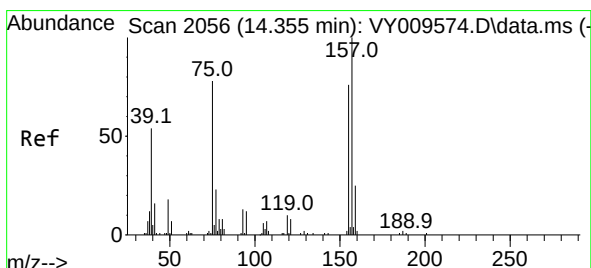
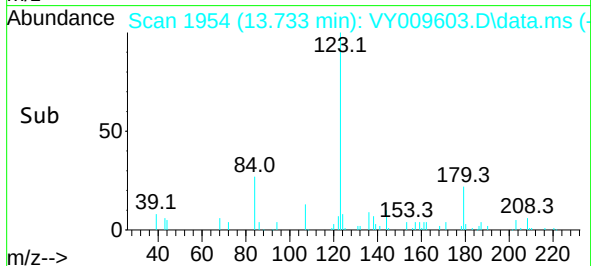
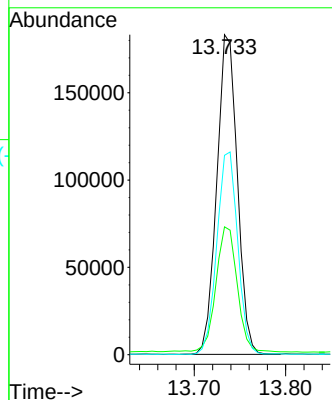
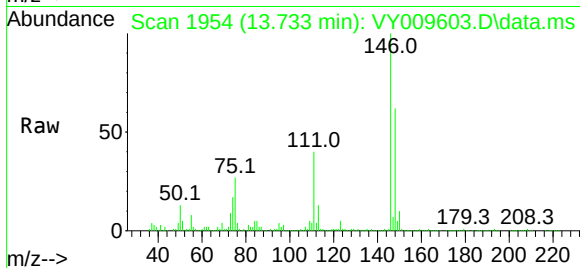
Tgt Ion:146 Resp: 286390

Ion Ratio Lower Upper

146 100

111 41.3 20.3 60.9

148 64.5 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.241 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

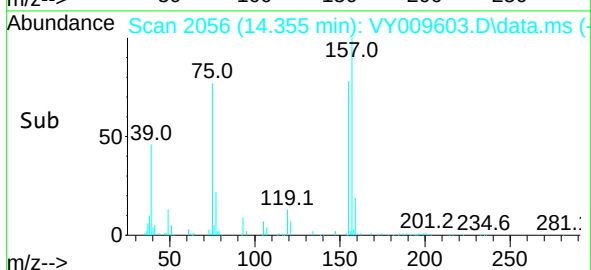
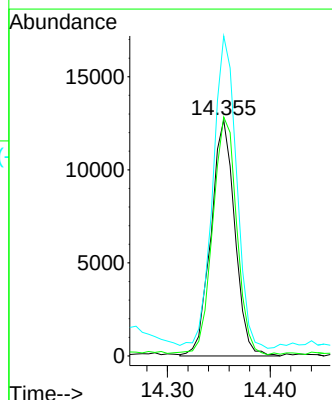
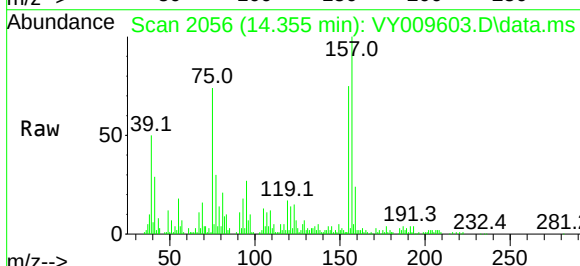
Tgt Ion: 75 Resp: 20348

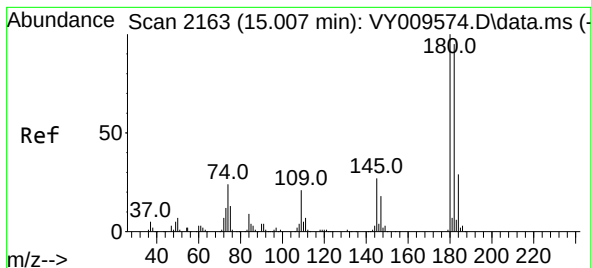
Ion Ratio Lower Upper

75 100

155 101.4 38.0 113.9

157 131.3 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 46.431 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

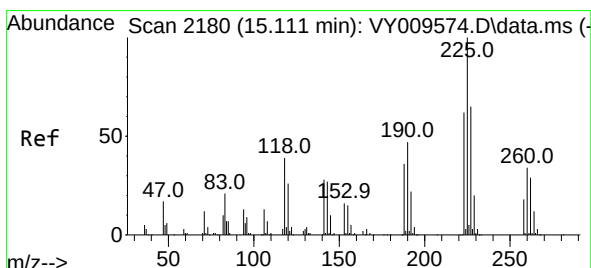
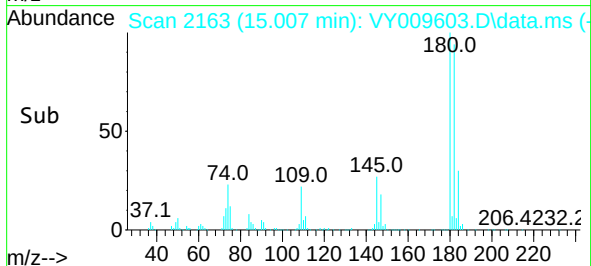
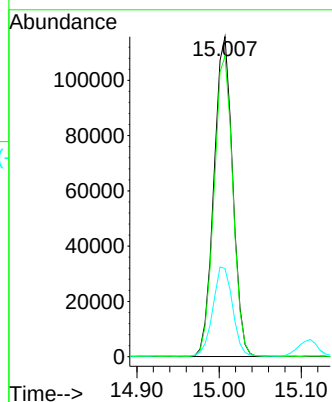
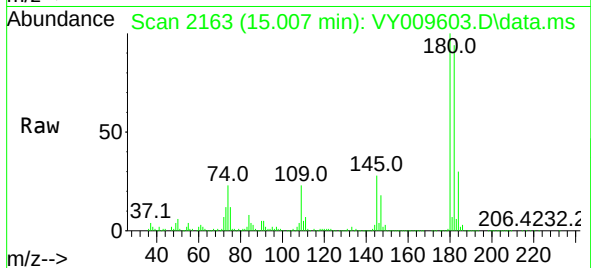
Tgt Ion:180 Resp: 182908

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.9

145 29.2 14.6 43.8



#94

Hexachlorobutadiene

Concen: 46.047 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

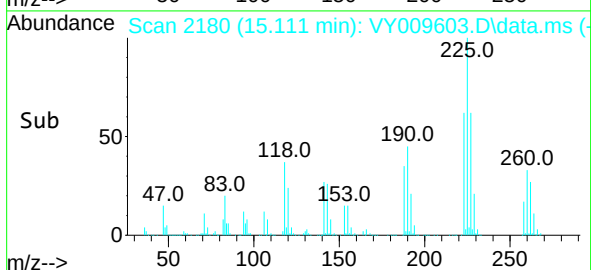
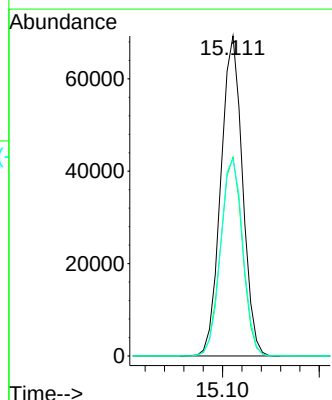
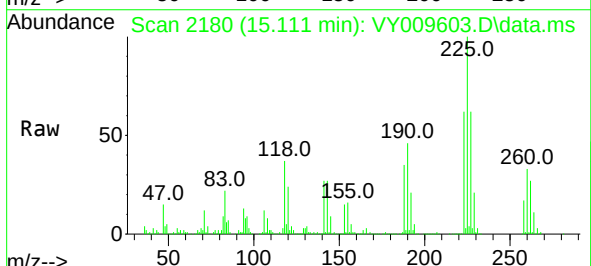
Tgt Ion:225 Resp: 107610

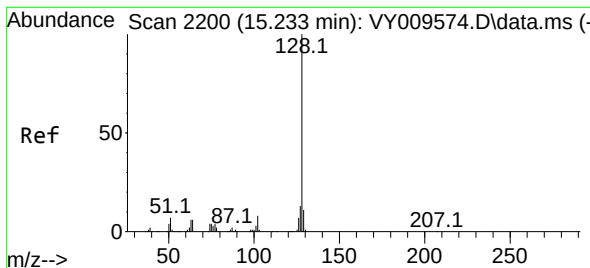
Ion Ratio Lower Upper

225 100

223 62.5 30.8 92.3

227 63.2 31.6 94.7





#95

Naphthalene

Concen: 49.059 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

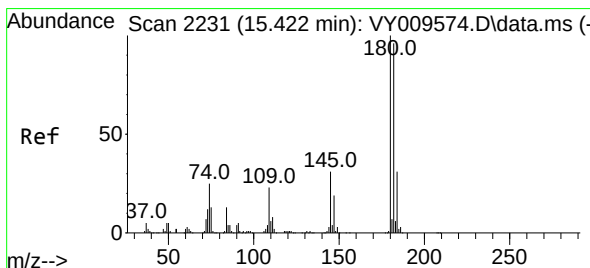
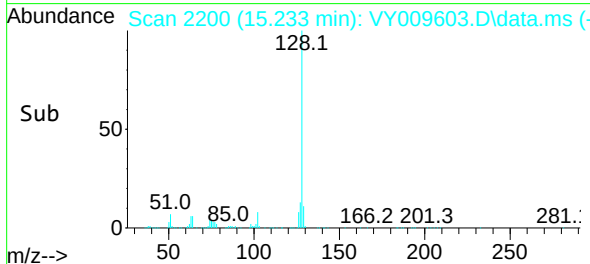
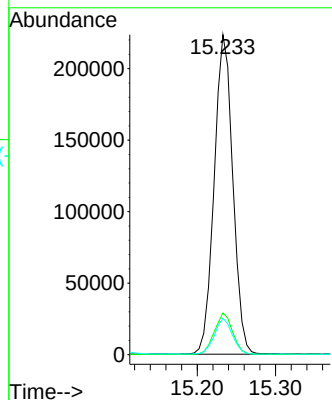
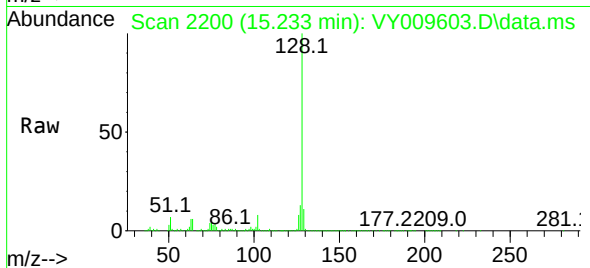
Tgt Ion:128 Resp: 368979

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 45.983 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009603.D

Acq: 19 Jul 2022 20:33

Tgt Ion:180 Resp: 159118

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.9

145 31.3 15.3 45.9

