

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061224\
 Data File : VY018567.D
 Acq On : 12 Jun 2024 14:17
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Jun 13 00:53:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	46842	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	77031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	70355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	40948	44.513	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.020%
35) Dibromofluoromethane	7.704	113	38628	39.545	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.100%
50) Toluene-d8	10.173	98	152103	39.141	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.280%
62) 4-Bromofluorobenzene	12.477	95	51312	42.409	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.820%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	28815	38.734	ug/l	97
3) Chloromethane	2.107	50	74284	53.543	ug/l	98
4) Vinyl Chloride	2.241	62	89102	53.693	ug/l	99
5) Bromomethane	2.644	94	53957	48.736	ug/l	96
6) Chloroethane	2.784	64	57341	54.728	ug/l	99
7) Trichlorofluoromethane	3.113	101	84246	49.066	ug/l	100
8) Diethyl Ether	3.515	74	24744	47.896	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.881	101	46870	46.880	ug/l	92
10) Methyl Iodide	4.076	142	47966	48.844	ug/l	96
11) Tert butyl alcohol	4.942	59	19504	166.757	ug/l	# 77
12) 1,1-Dichloroethene	3.857	96	45444	46.245	ug/l	85
13) Acrolein	3.716	56	16487	175.096	ug/l	93
14) Allyl chloride	4.460	41	76059	52.849	ug/l	91
15) Acrylonitrile	5.149	53	62742	265.566	ug/l	97
16) Acetone	3.930	43	64480	315.811	ug/l	# 80
17) Carbon Disulfide	4.186	76	124564	43.211	ug/l	100
18) Methyl Acetate	4.460	43	27455	53.774	ug/l	# 87
19) Methyl tert-butyl Ether	5.204	73	121629	51.356	ug/l	97
20) Methylene Chloride	4.698	84	58462	52.412	ug/l	# 85
21) trans-1,2-Dichloroethene	5.204	96	51402	49.016	ug/l	87
22) Diisopropyl ether	6.106	45	180126	61.458	ug/l	93
23) Vinyl Acetate	6.045	43	570115	298.889	ug/l	# 93
24) 1,1-Dichloroethane	6.003	63	99870	54.631	ug/l	98
25) 2-Butanone	6.972	43	90943	290.754	ug/l	# 85
26) 2,2-Dichloropropane	6.972	77	79760	49.641	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	62488	51.226	ug/l	89
28) Bromochloromethane	7.319	49	35317	41.981	ug/l	# 75
29) Tetrahydrofuran	7.332	42	56700	279.129	ug/l	# 85
30) Chloroform	7.496	83	98721	53.842	ug/l	95
31) Cyclohexane	7.771	56	87248	50.869	ug/l	86
32) 1,1,1-Trichloroethane	7.691	97	83403	51.935	ug/l	94
36) 1,1-Dichloropropene	7.911	75	74265	49.863	ug/l	96
37) Ethyl Acetate	7.063	43	40375	54.264	ug/l	# 94
38) Carbon Tetrachloride	7.893	117	69599	46.632	ug/l	99
39) Methylcyclohexane	9.173	83	96571	47.963	ug/l	89
40) Benzene	8.155	78	223134	50.001	ug/l	98

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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	22203	61.348	ug/l #	88
42) 1,2-Dichloroethane	8.228	62	55962	51.580	ug/l	97
43) Isopropyl Acetate	8.264	43	75873	54.536	ug/l #	88
44) Trichloroethene	8.935	130	52416	47.397	ug/l	97
45) 1,2-Dichloropropane	9.209	63	53876	52.790	ug/l	94
46) Dibromomethane	9.301	93	29394	50.234	ug/l #	87
47) Bromodichloromethane	9.490	83	74102	52.757	ug/l	99
48) Methyl methacrylate	9.289	41	33588	52.473	ug/l #	83
49) 1,4-Dioxane	9.289	88	7411	964.469	ug/l #	94
51) 4-Methyl-2-Pentanone	10.063	43	202654	280.521	ug/l	90
52) Toluene	10.240	92	142869	52.052	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	68670	53.238	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	81385	51.244	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	38721	50.863	ug/l	90
56) Ethyl methacrylate	10.508	69	58749	54.841	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	68632	53.106	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	131488	228.567	ug/l	93
59) 2-Hexanone	10.831	43	150492	301.453	ug/l	89
60) Dibromochloromethane	10.977	129	45298	48.705	ug/l	99
61) 1,2-Dibromoethane	11.087	107	36336	50.687	ug/l	96
64) Tetrachloroethene	10.715	164	46886	45.243	ug/l	97
65) Chlorobenzene	11.514	112	149371	49.508	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	47578	48.769	ug/l	98
67) Ethyl Benzene	11.587	91	284383	51.785	ug/l	100
68) m/p-Xylenes	11.697	106	213946	103.463	ug/l	94
69) o-Xylene	12.026	106	101079	50.779	ug/l	95
70) Styrene	12.044	104	173449	53.330	ug/l	98
71) Bromoform	12.203	173	23883	46.469	ug/l #	100
73) Isopropylbenzene	12.325	105	272314	48.120	ug/l	99
74) N-amyl acetate	12.142	43	72257	52.457	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	46995	47.175	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	32014m	47.079	ug/l	
77) Bromobenzene	12.605	156	53059	44.159	ug/l	85
78) n-propylbenzene	12.666	91	338251	49.801	ug/l	98
79) 2-Chlorotoluene	12.751	91	181108	49.049	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	218190	49.504	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	15067	46.550	ug/l	89
82) 4-Chlorotoluene	12.855	91	185615	49.955	ug/l	97
83) tert-Butylbenzene	13.075	119	199443	48.935	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	218774	50.701	ug/l	98
85) sec-Butylbenzene	13.251	105	306370	51.043	ug/l	98
86) p-Isopropyltoluene	13.367	119	250563	51.723	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	116099	48.984	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	112267	48.215	ug/l	98
89) n-Butylbenzene	13.696	91	244490	53.111	ug/l	99
90) Hexachloroethane	13.959	117	44687	49.215	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	98729	47.870	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6582	43.420	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	50946	45.674	ug/l	98
94) Hexachlorobutadiene	15.111	225	26727	45.116	ug/l	98
95) Naphthalene	15.233	128	103980	46.416	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	43018	45.582	ug/l	99

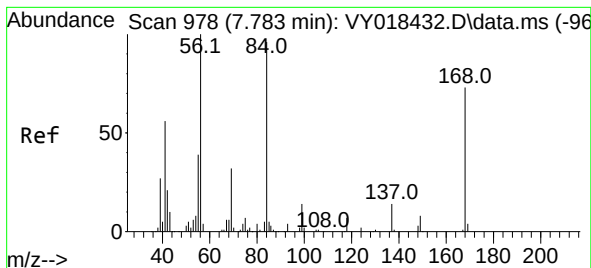
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061224\
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QLast Update : Tue Jun 04 07:11:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

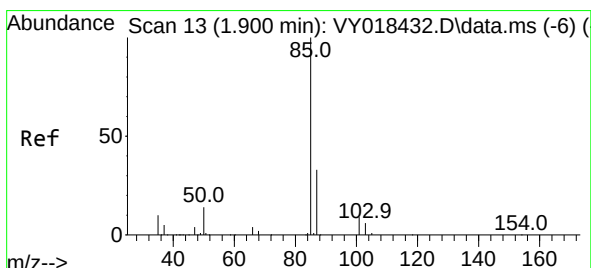
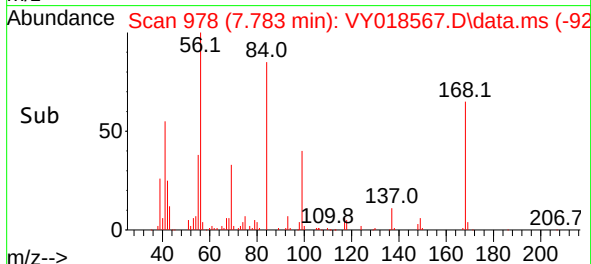
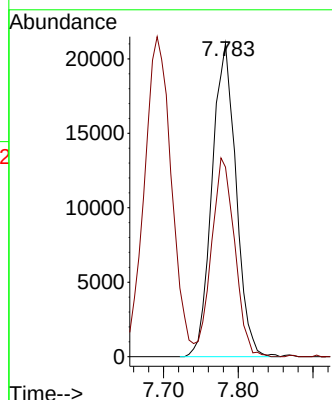
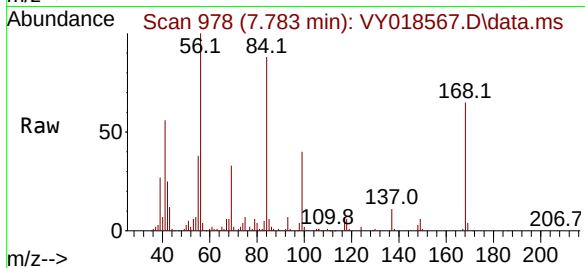
VSTDCCC050

Tgt Ion:168 Resp: 46842

Ion Ratio Lower Upper

168 100

99 60.6 39.1 58.7#



#2

Dichlorodifluoromethane

Concen: 38.734 ug/l

RT: 1.900 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY018567.D

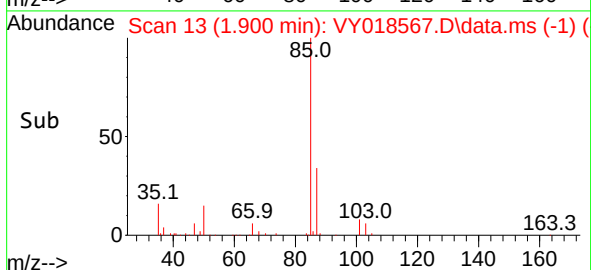
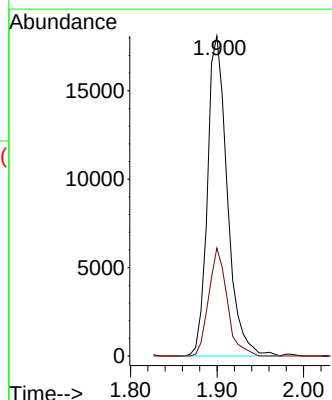
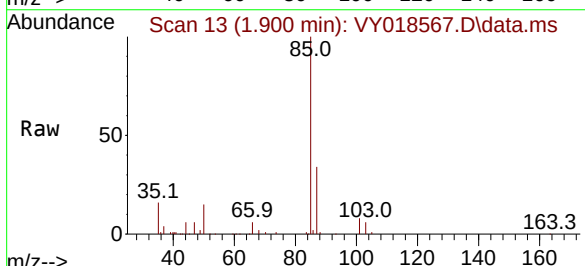
Acq: 12 Jun 2024 14:17

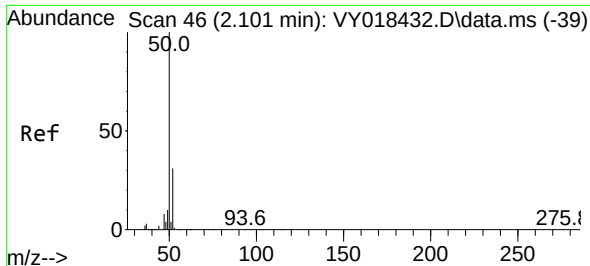
Tgt Ion: 85 Resp: 28815

Ion Ratio Lower Upper

85 100

87 33.7 16.0 48.0

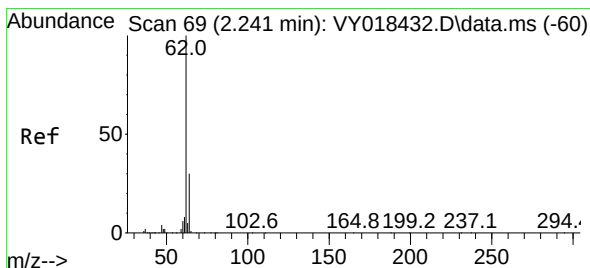
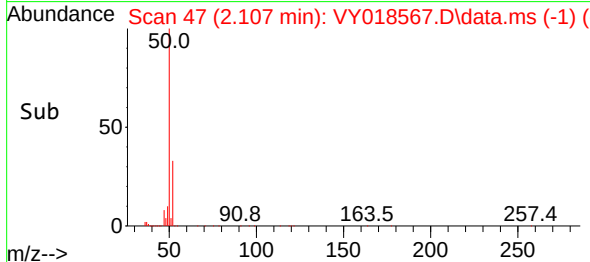
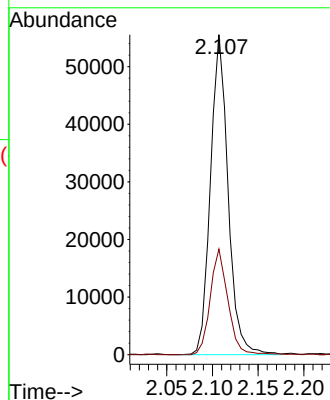
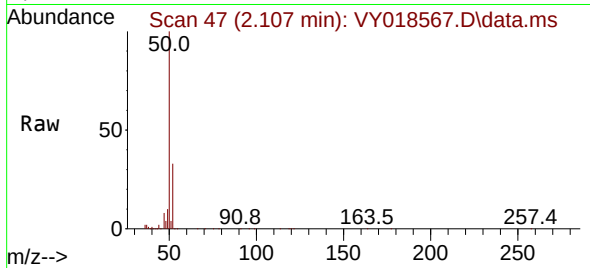




#3
Chloromethane
Concen: 53.543 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

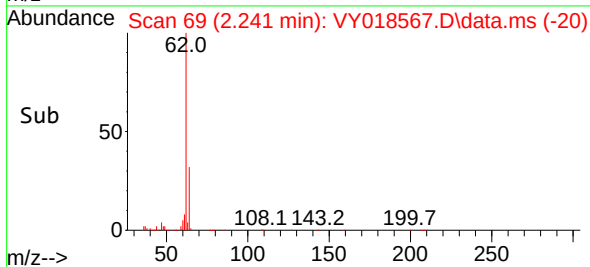
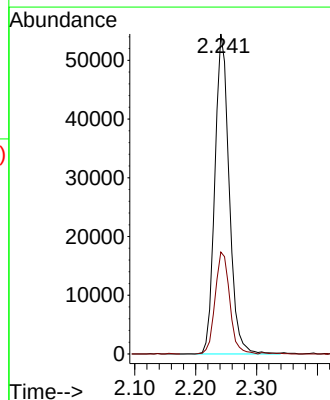
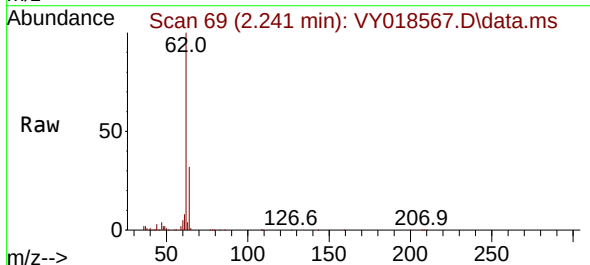
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

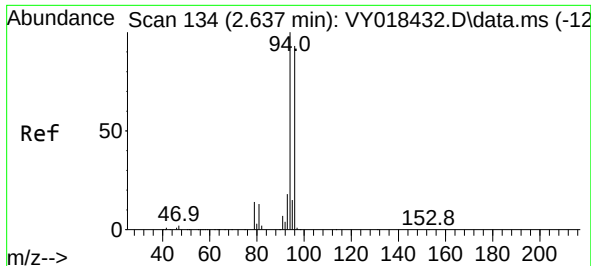
Tgt Ion: 50 Resp: 74284
Ion Ratio Lower Upper
50 100
52 33.0 25.6 38.4



#4
Vinyl Chloride
Concen: 53.693 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion: 62 Resp: 89102
Ion Ratio Lower Upper
62 100
64 31.9 26.1 39.1

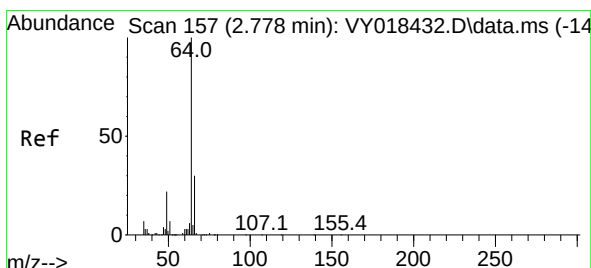
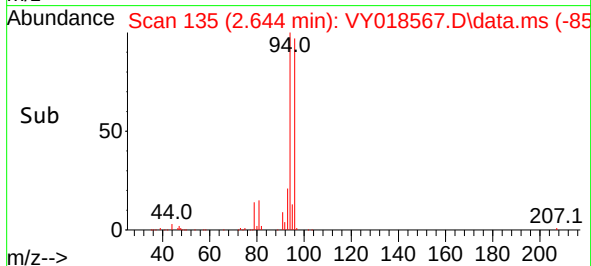
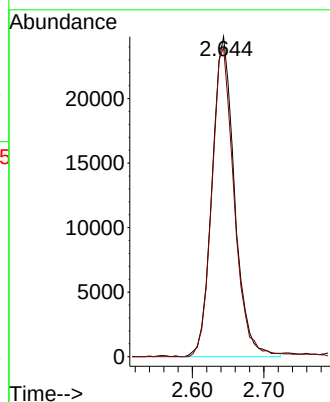
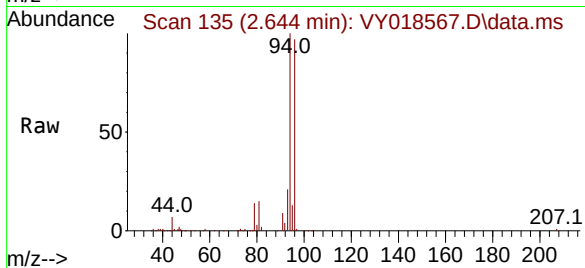




#5
Bromomethane
Concen: 48.736 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

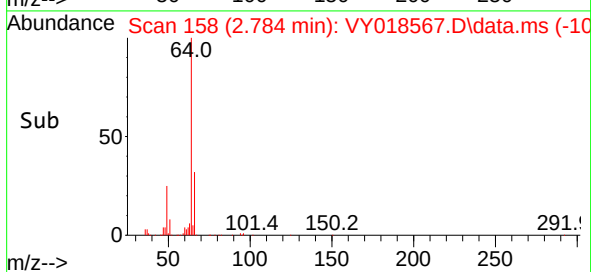
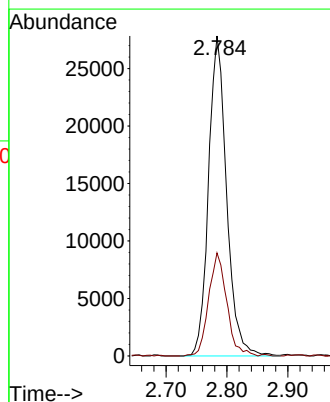
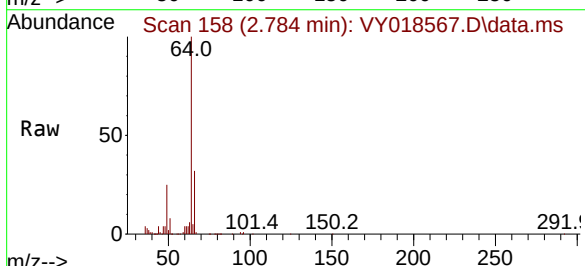
Instrument :
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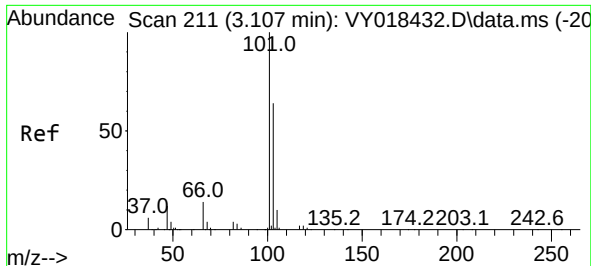
Tgt Ion: 94 Resp: 53957
Ion Ratio Lower Upper
94 100
96 96.8 74.1 111.1



#6
Chloroethane
Concen: 54.728 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.006 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion: 64 Resp: 57341
Ion Ratio Lower Upper
64 100
66 32.2 26.1 39.1

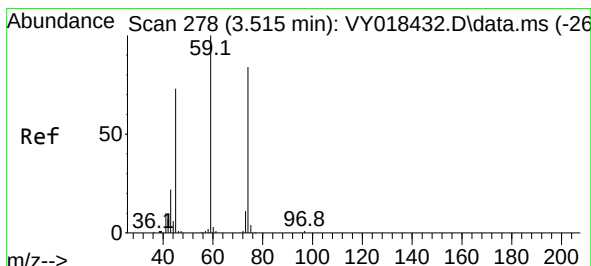
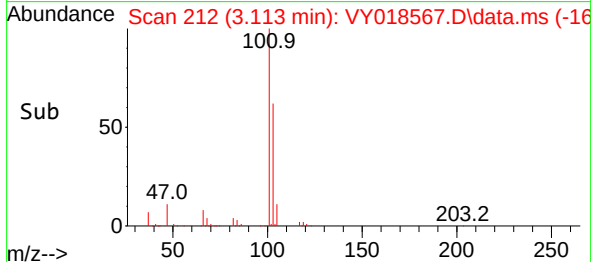
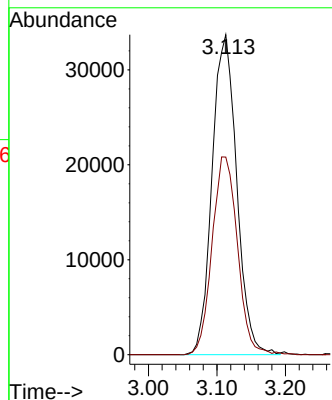
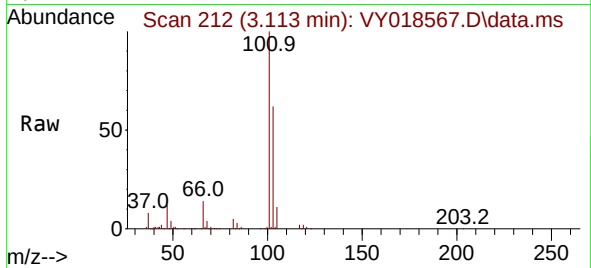




#7
 Trichlorofluoromethane
 Concen: 49.066 ug/l
 RT: 3.113 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VY018567.D
 Acq: 12 Jun 2024 14:17

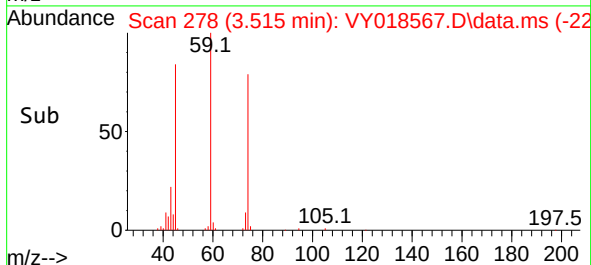
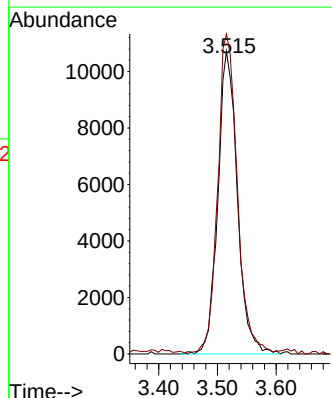
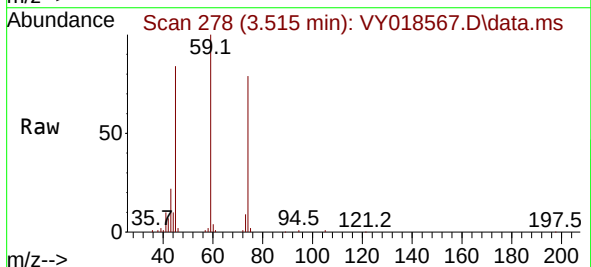
Instrument :
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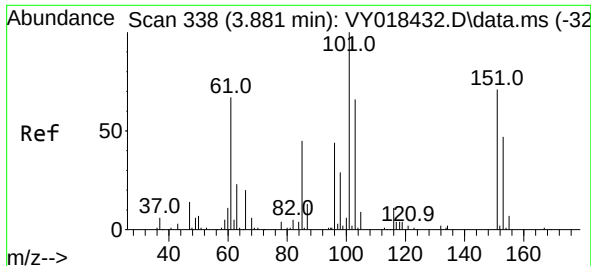
Tgt Ion:101 Resp: 84246
 Ion Ratio Lower Upper
 101 100
 103 61.7 49.3 73.9



#8
 Diethyl Ether
 Concen: 47.896 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VY018567.D
 Acq: 12 Jun 2024 14:17

Tgt Ion: 74 Resp: 24744
 Ion Ratio Lower Upper
 74 100
 45 106.7 41.3 124.1

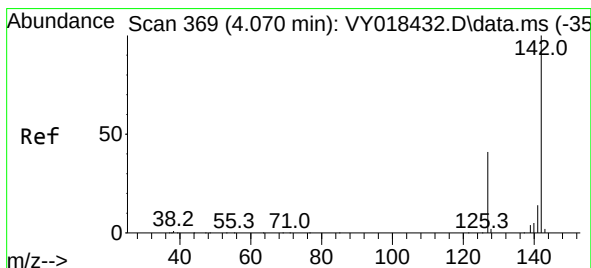
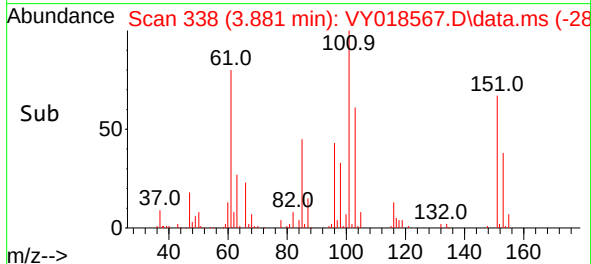
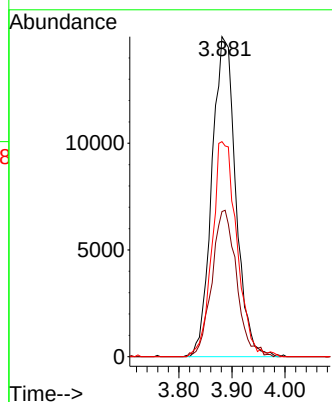
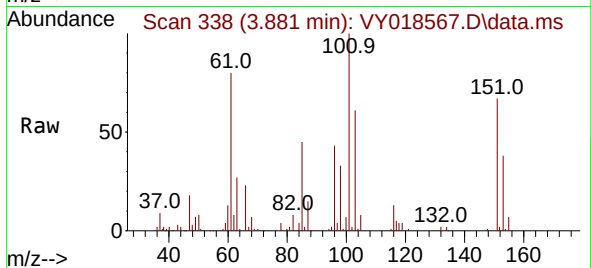




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.880 ug/l
RT: 3.881 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY018567.D
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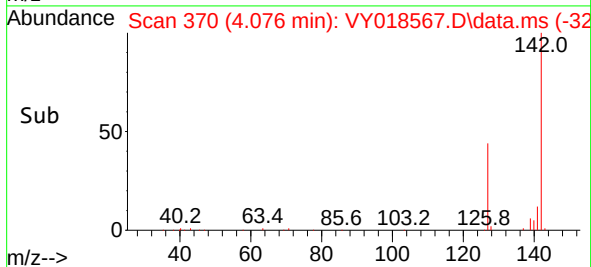
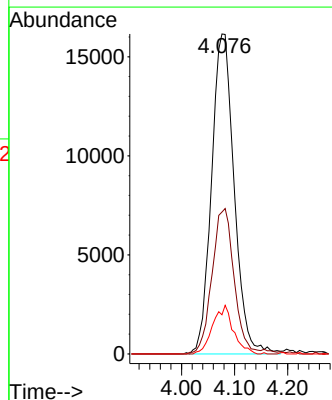
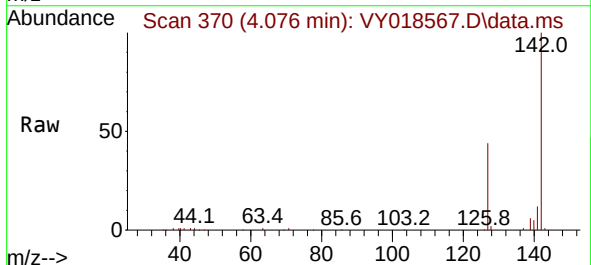
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

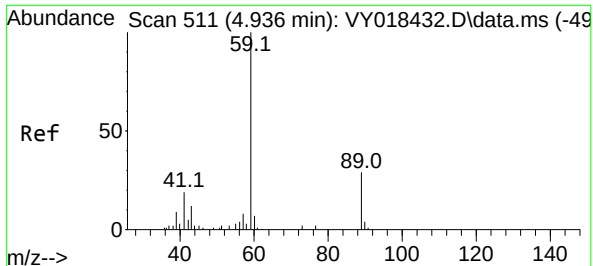
Tgt Ion:101 Resp: 46870
Ion Ratio Lower Upper
101 100
85 47.4 34.5 51.7
151 69.3 61.7 92.5



#10
Methyl Iodide
Concen: 48.844 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.006 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion:142 Resp: 47966
Ion Ratio Lower Upper
142 100
127 44.2 32.8 49.2
141 13.8 11.4 17.2

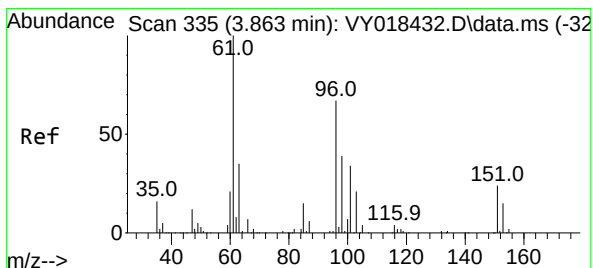
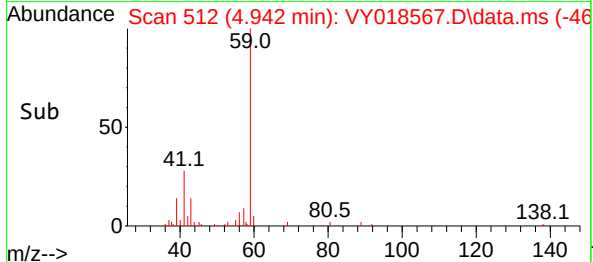
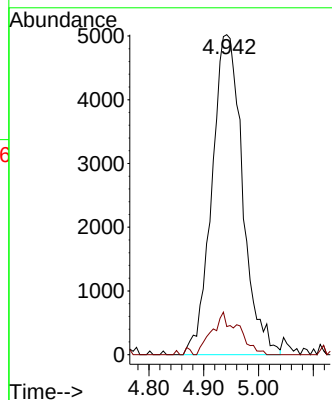
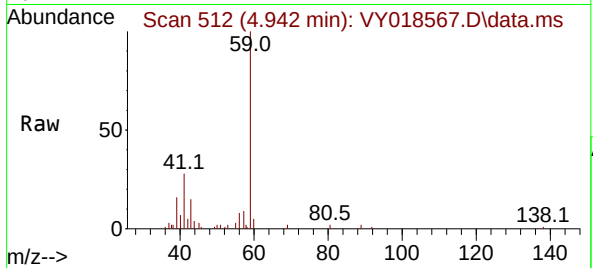




#11
Tert butyl alcohol
Concen: 166.757 ug/l
RT: 4.942 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

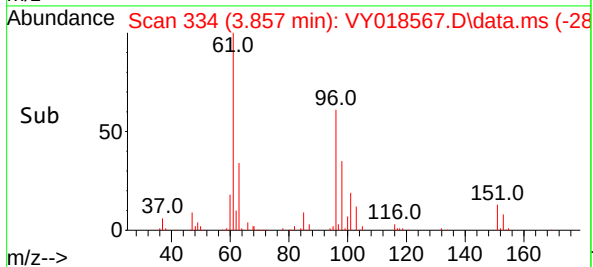
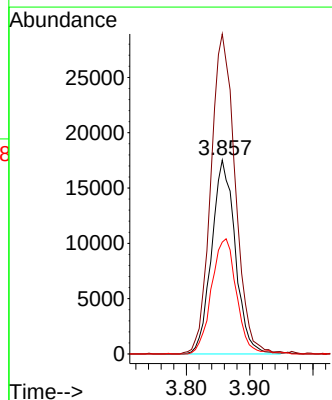
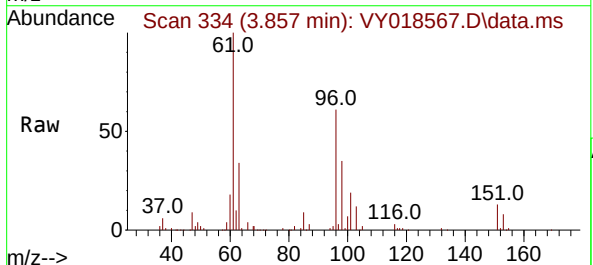
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

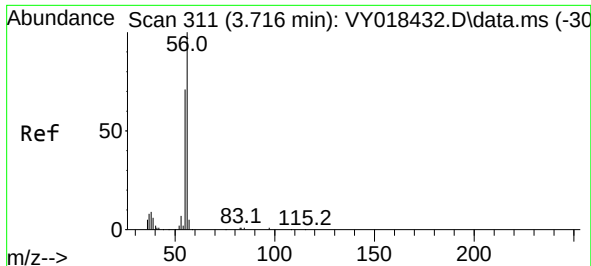
Tgt Ion: 59 Resp: 19504
Ion Ratio Lower Upper
59 100
57 11.5 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 46.245 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion: 96 Resp: 45444
Ion Ratio Lower Upper
96 100
61 165.0 114.6 171.8
98 57.6 50.8 76.2

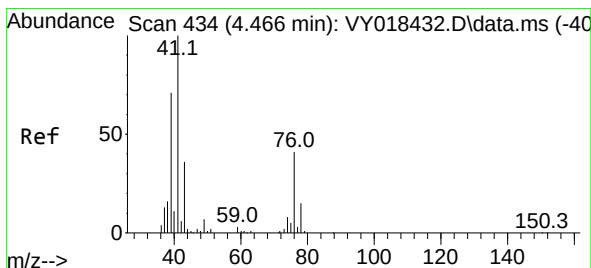
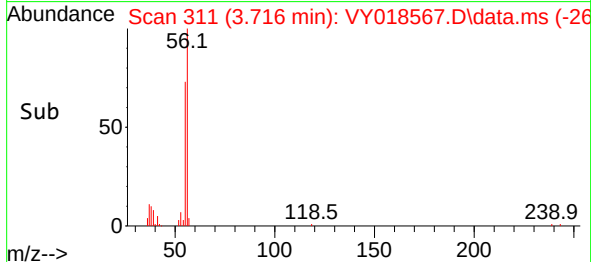
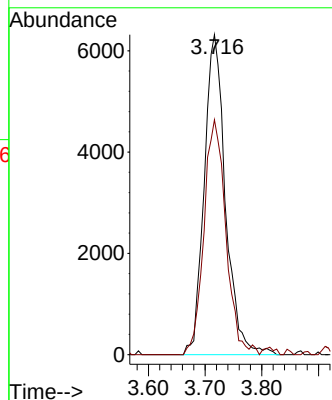
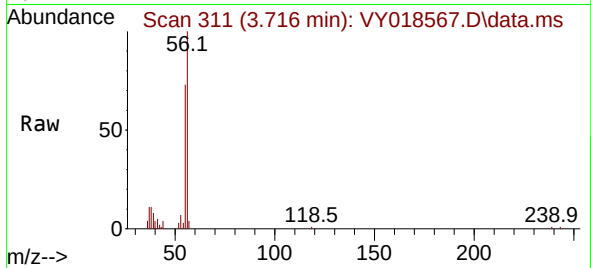




#13
Acrolein
Concen: 175.096 ug/l
RT: 3.716 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

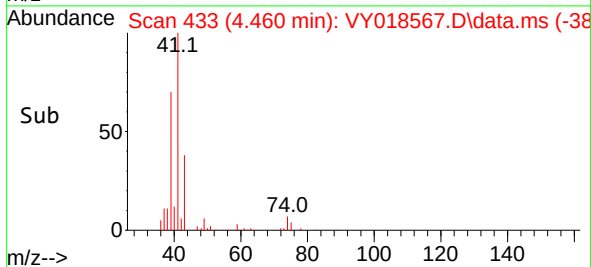
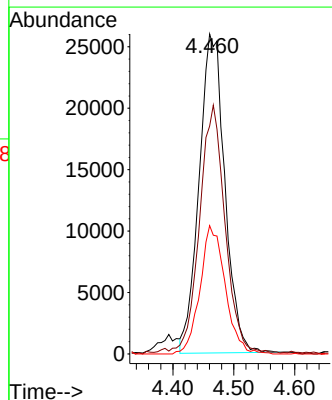
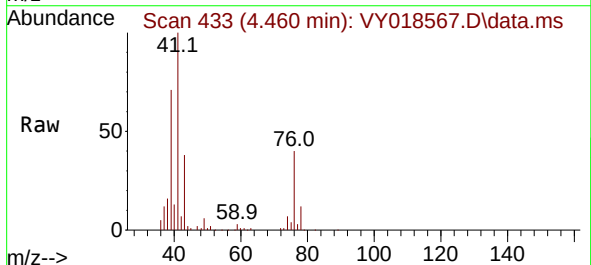
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

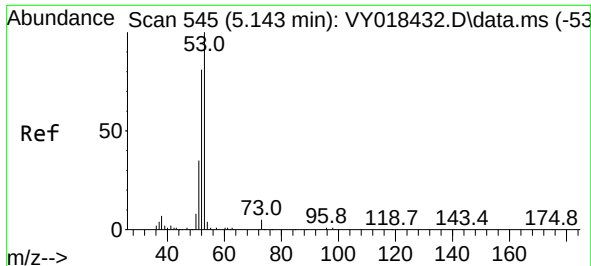
Tgt Ion: 56 Resp: 16487
Ion Ratio Lower Upper
56 100
55 75.6 55.7 83.5



#14
Allyl chloride
Concen: 52.849 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion: 41 Resp: 76059
Ion Ratio Lower Upper
41 100
39 77.3 58.3 87.5
76 39.5 39.0 58.6

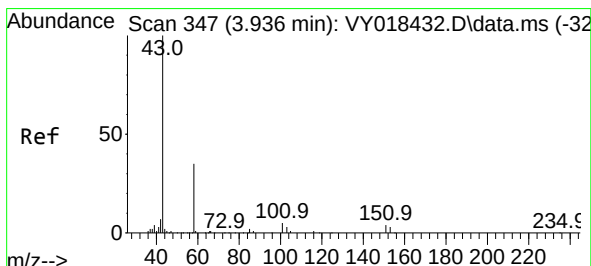
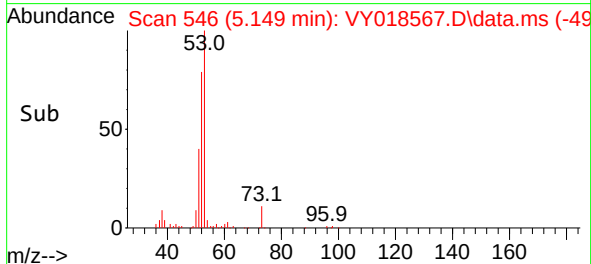
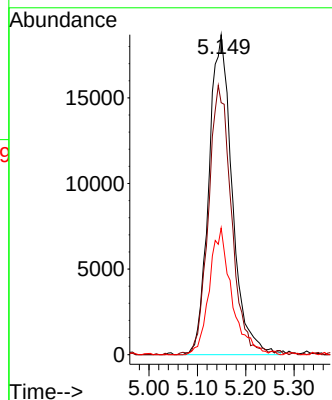
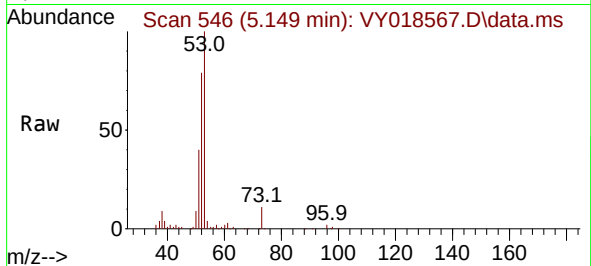




#15
Acrylonitrile
Concen: 265.566 ug/l
RT: 5.149 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

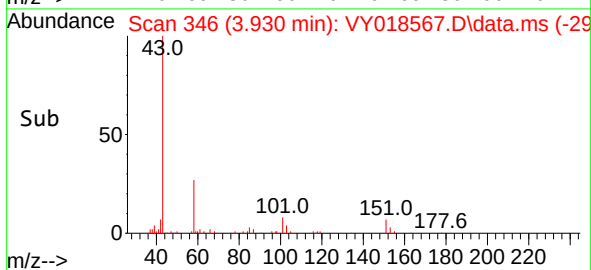
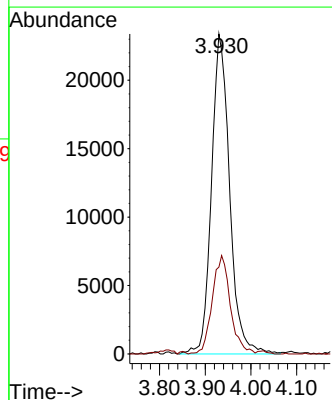
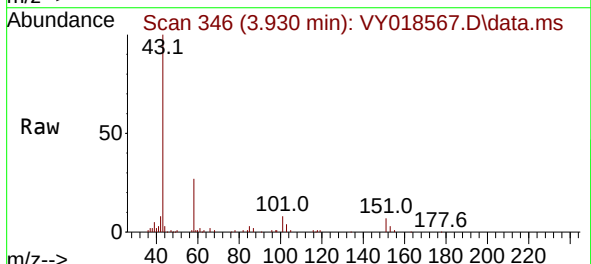
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

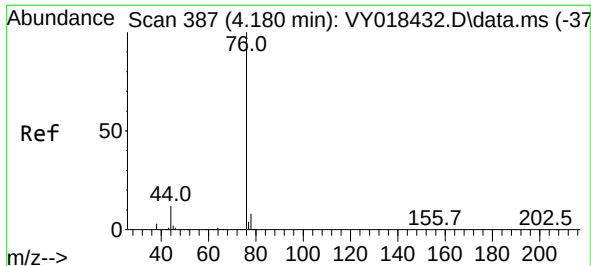
Tgt Ion: 53 Resp: 62742
Ion Ratio Lower Upper
53 100
52 82.9 64.7 97.1
51 38.0 28.4 42.6



#16
Acetone
Concen: 315.811 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion: 43 Resp: 64480
Ion Ratio Lower Upper
43 100
58 27.1 31.7 47.5#

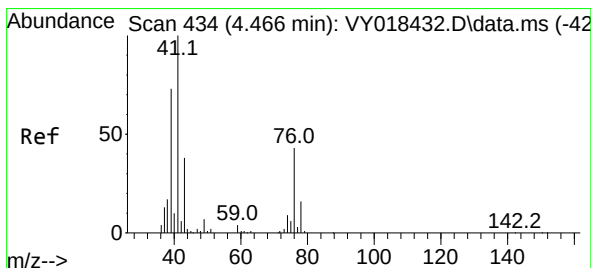
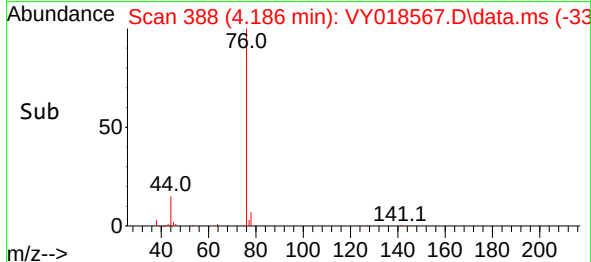
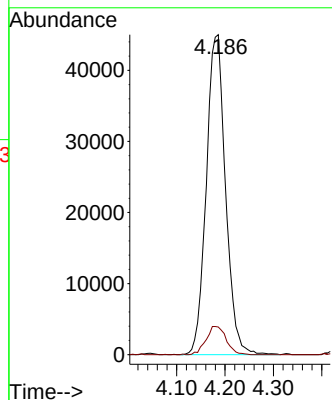
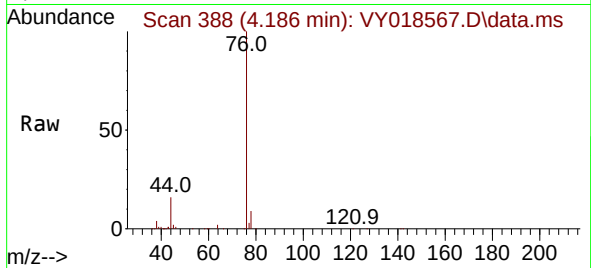




#17
Carbon Disulfide
Concen: 43.211 ug/l
RT: 4.186 min Scan# 387
Delta R.T. 0.006 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

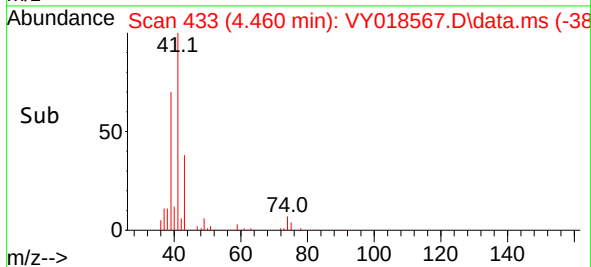
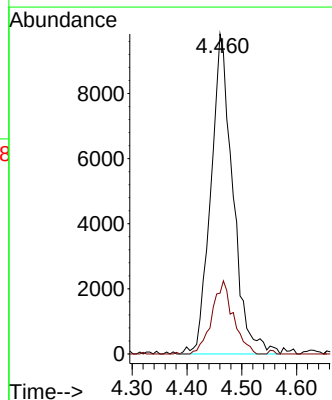
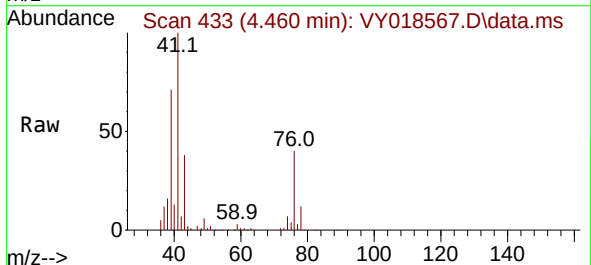
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

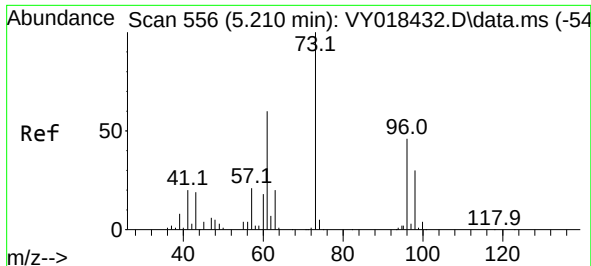
Tgt Ion: 76 Resp: 124564
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 53.774 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion: 43 Resp: 27455
Ion Ratio Lower Upper
43 100
74 22.1 23.3 34.9#

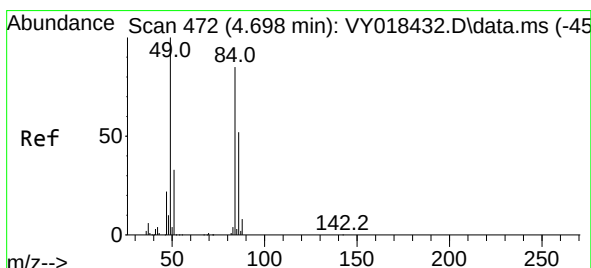
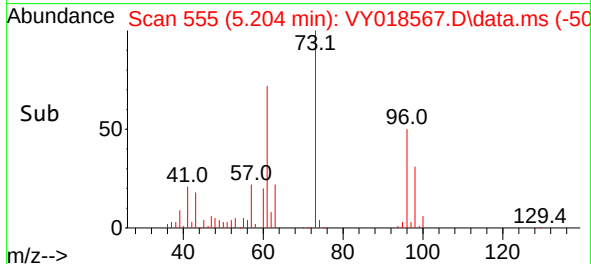
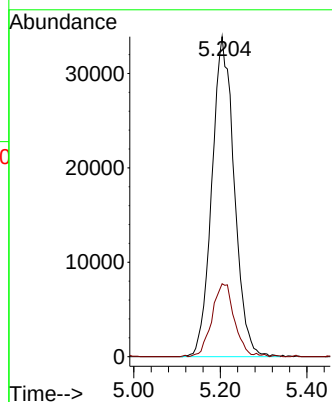
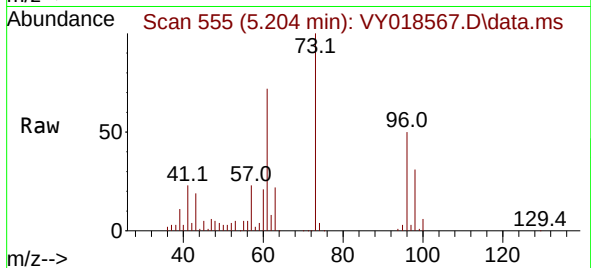




#19
Methyl tert-butyl Ether
Concen: 51.356 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

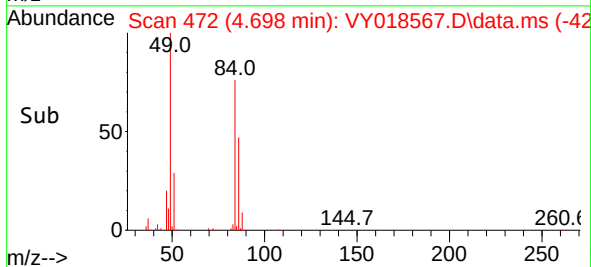
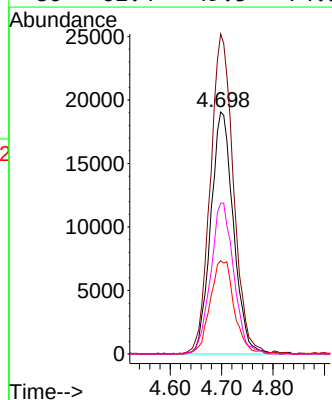
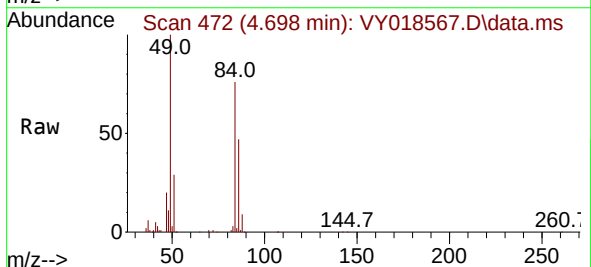
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

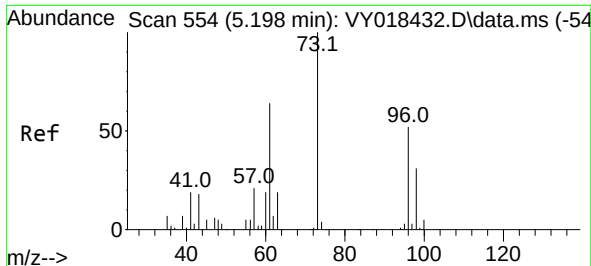
Tgt Ion: 73 Resp: 121629
Ion Ratio Lower Upper
73 100
57 22.8 17.3 25.9



#20
Methylene Chloride
Concen: 52.412 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion: 84 Resp: 58462
Ion Ratio Lower Upper
84 100
49 131.7 84.4 126.6#
51 38.6 26.0 39.0
86 62.4 49.5 74.3

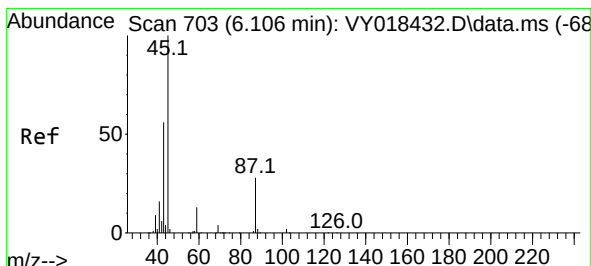
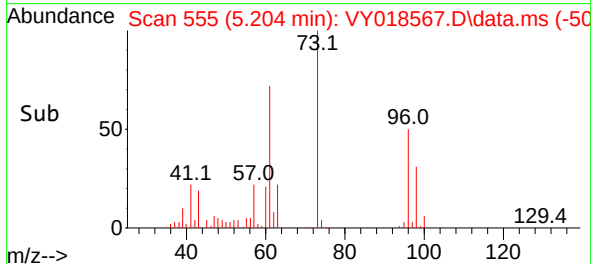
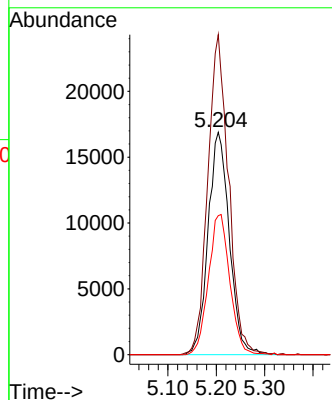
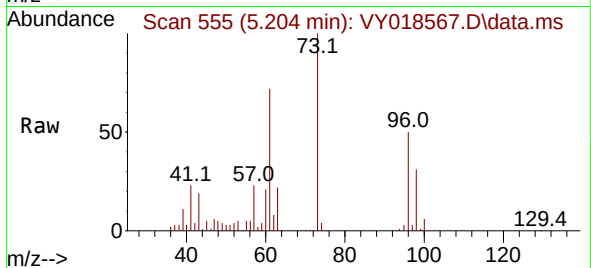




#21
trans-1,2-Dichloroethene
Concen: 49.016 ug/l
RT: 5.204 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

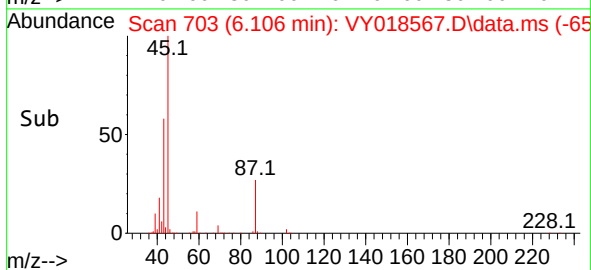
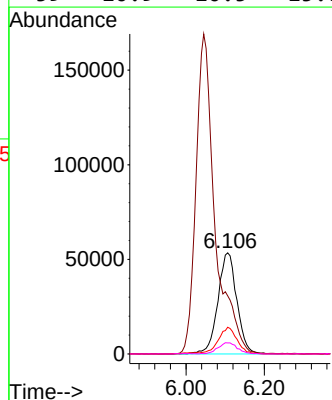
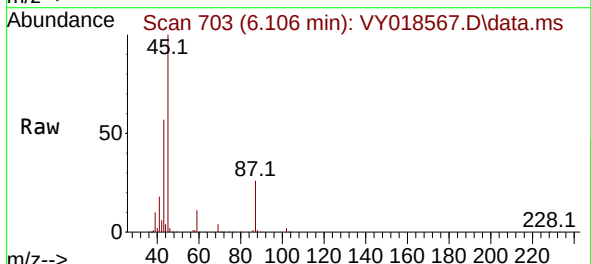
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

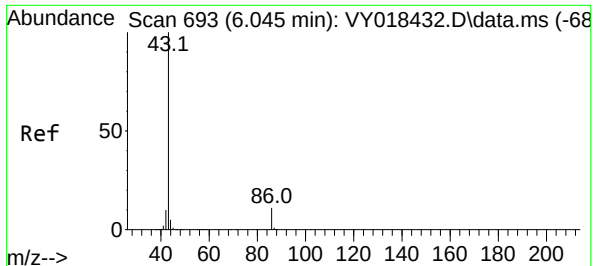
Tgt Ion: 96 Resp: 51402
Ion Ratio Lower Upper
96 100
61 143.9 97.5 146.3
98 62.5 50.5 75.7



#22
Diisopropyl ether
Concen: 61.458 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion: 45 Resp: 180126
Ion Ratio Lower Upper
45 100
43 57.0 42.2 63.2
87 26.5 25.0 37.6
59 10.9 10.5 15.7

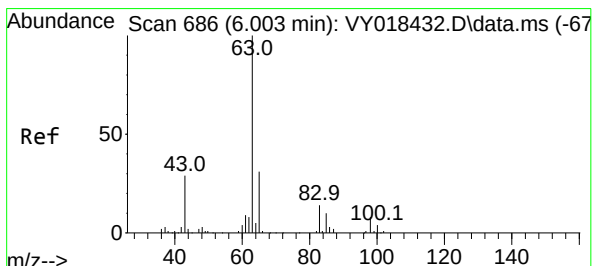
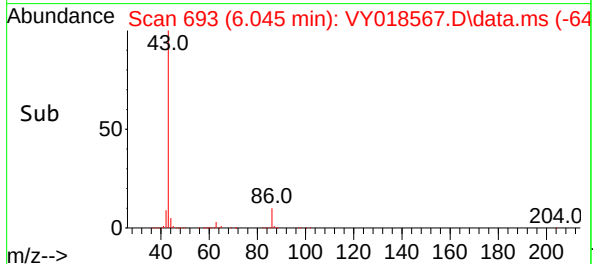
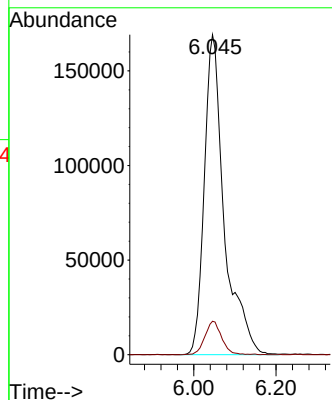
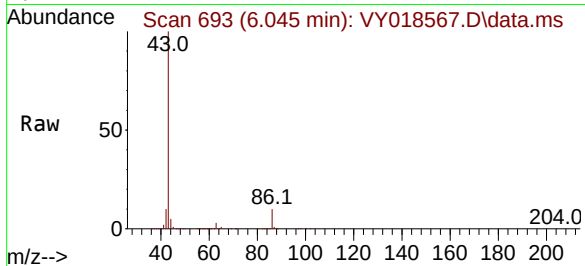




#23
 Vinyl Acetate
 Concen: 298.889 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY018567.D
 Acq: 12 Jun 2024 14:17

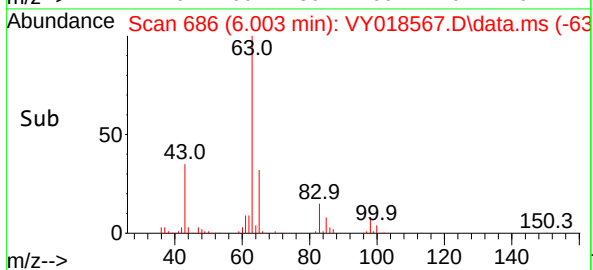
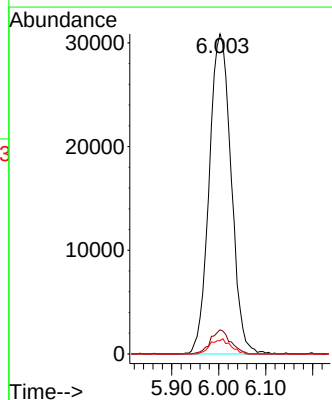
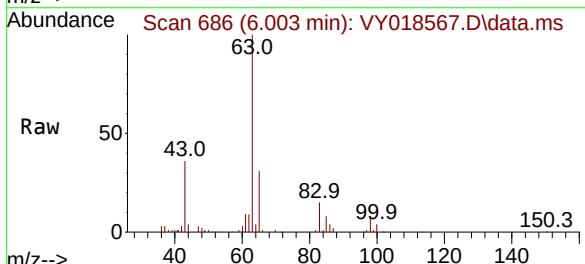
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

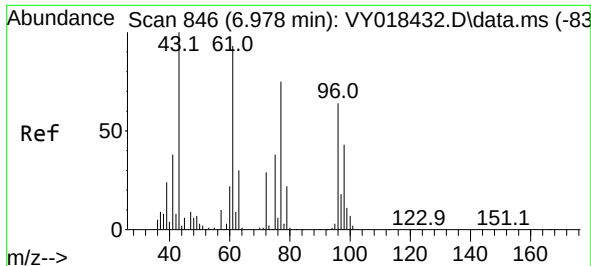
Tgt Ion: 43 Resp: 570115
 Ion Ratio Lower Upper
 43 100
 86 10.4 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 54.631 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY018567.D
 Acq: 12 Jun 2024 14:17

Tgt Ion: 63 Resp: 99870
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 12.2
 100 4.2 2.6 8.0





#25

2-Butanone

Concen: 290.754 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

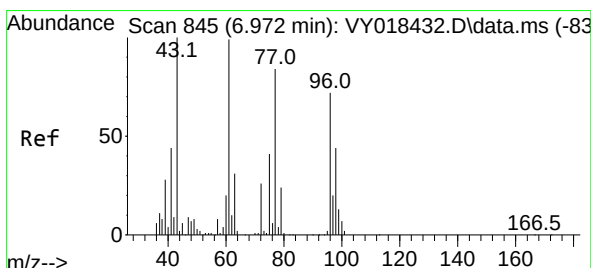
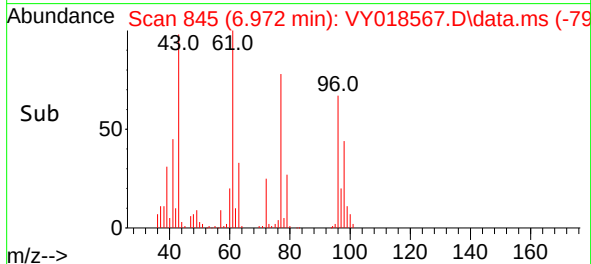
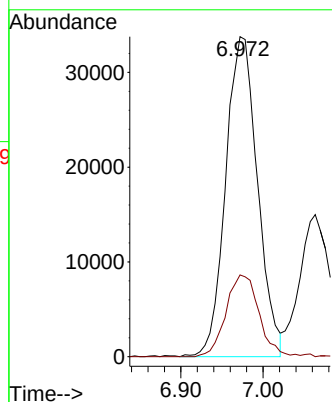
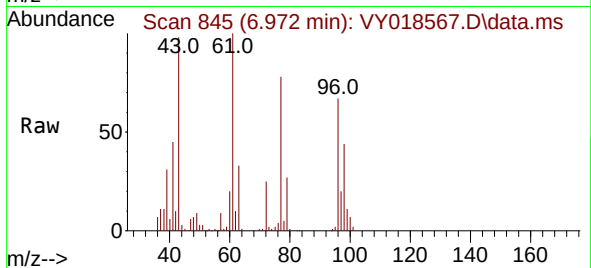
VSTDCCC050

Tgt Ion: 43 Resp: 90943

Ion Ratio Lower Upper

43 100

72 25.5 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 49.641 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018567.D

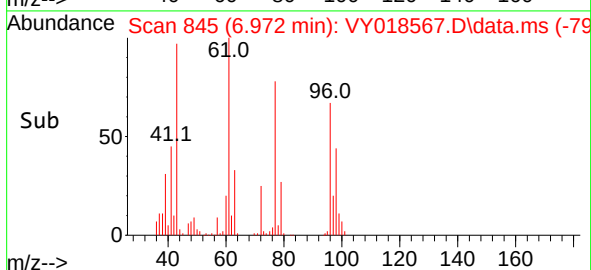
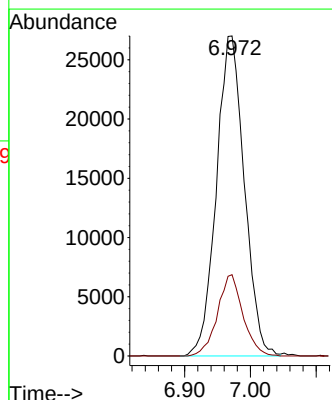
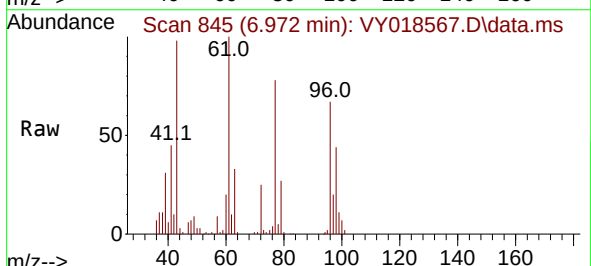
Acq: 12 Jun 2024 14:17

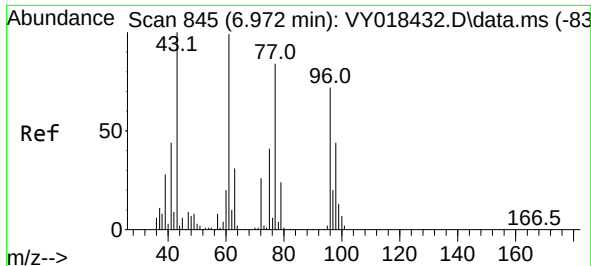
Tgt Ion: 77 Resp: 79760

Ion Ratio Lower Upper

77 100

97 23.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 51.226 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

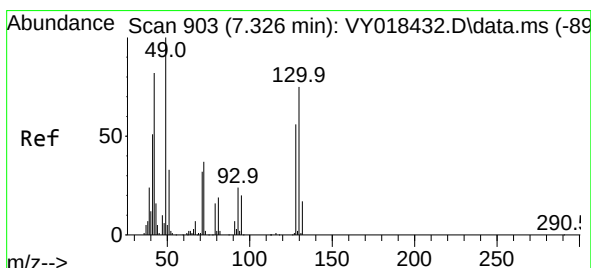
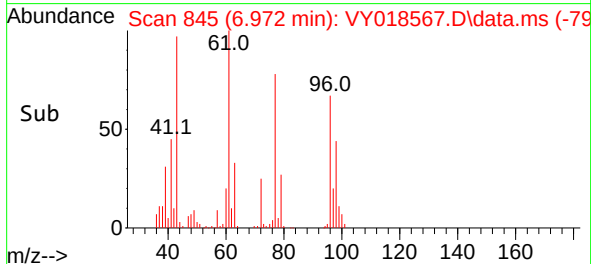
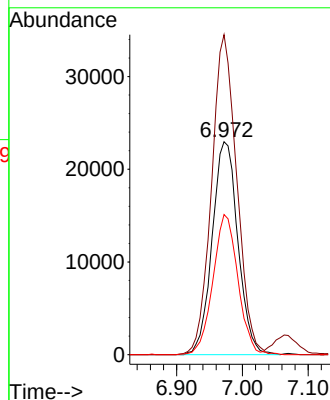
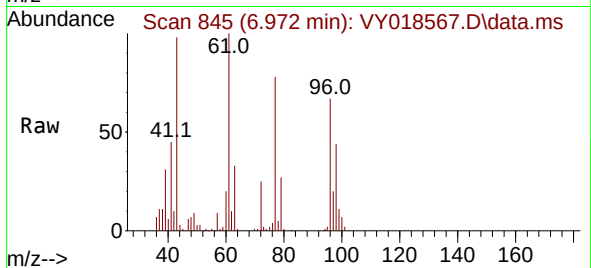
Tgt Ion: 96 Resp: 62488

Ion Ratio Lower Upper

96 100

61 147.3 0.0 256.2

98 64.1 0.0 130.0



#28

Bromochloromethane

Concen: 41.981 ug/l

RT: 7.319 min Scan# 902

Delta R.T. -0.006 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

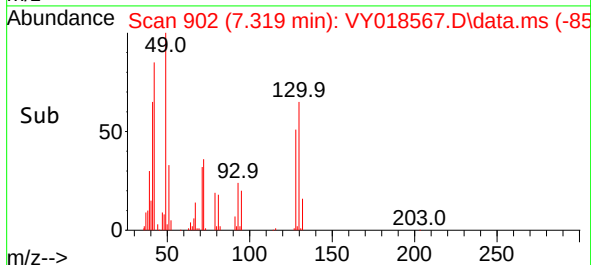
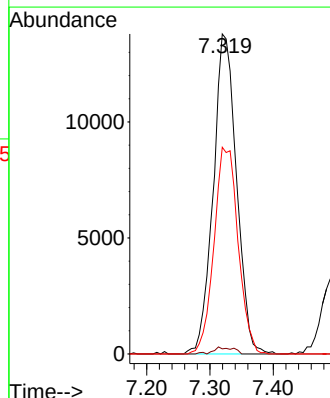
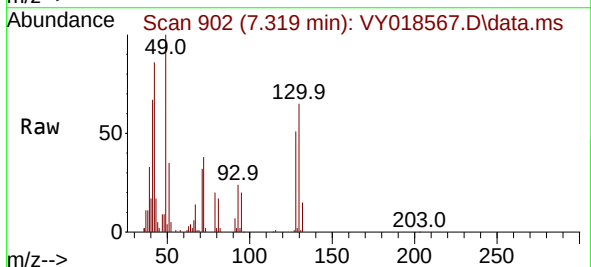
Tgt Ion: 49 Resp: 35317

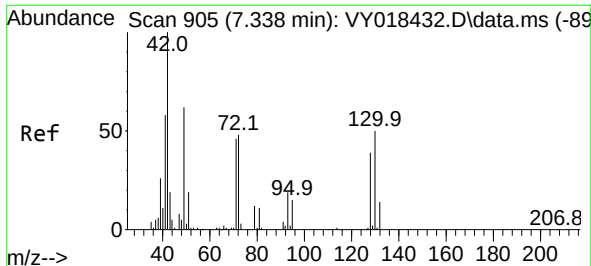
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 66.7 72.7 109.1#





#29

Tetrahydrofuran

Concen: 279.129 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

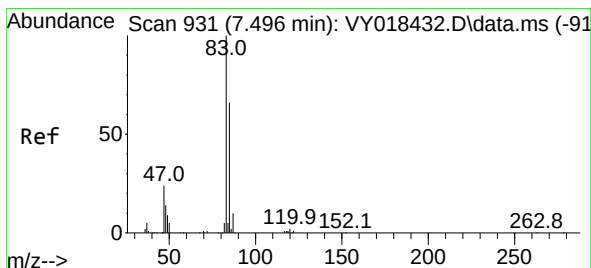
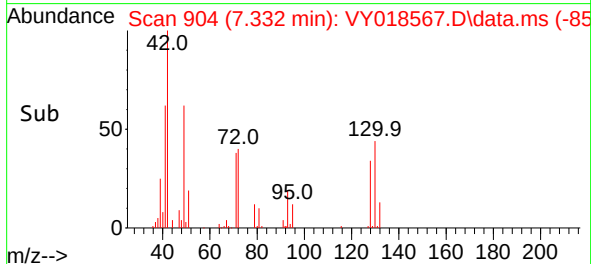
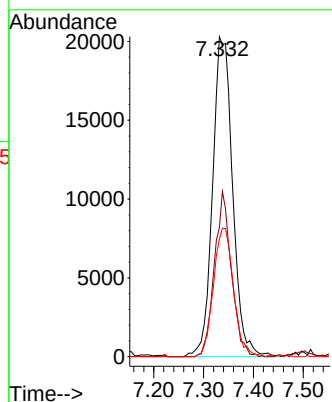
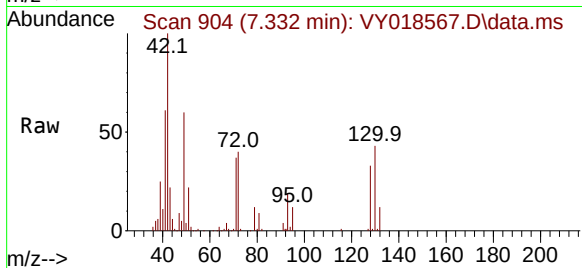
Tgt Ion: 42 Resp: 56700

Ion Ratio Lower Upper

42 100

72 43.8 43.0 64.4

71 40.1 40.8 61.2#



#30

Chloroform

Concen: 53.842 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY018567.D

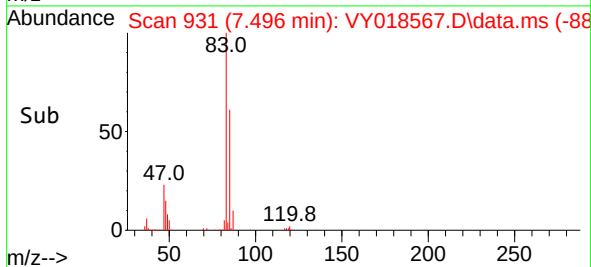
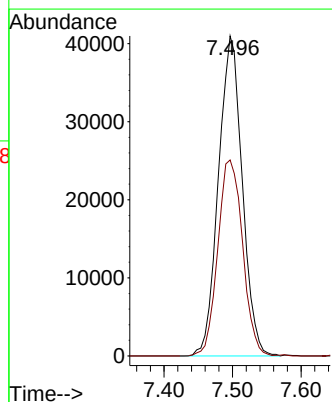
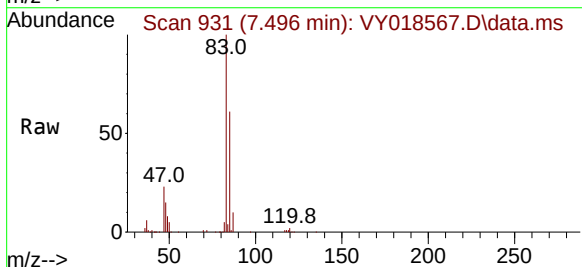
Acq: 12 Jun 2024 14:17

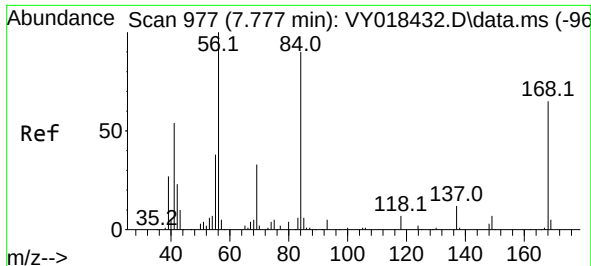
Tgt Ion: 83 Resp: 98721

Ion Ratio Lower Upper

83 100

85 61.3 52.2 78.4

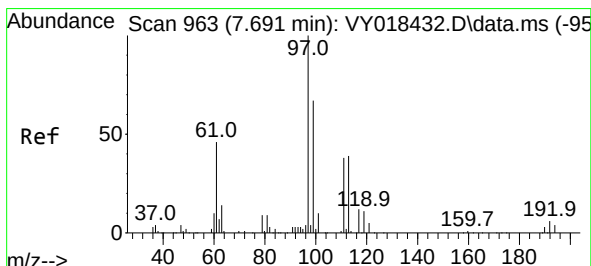
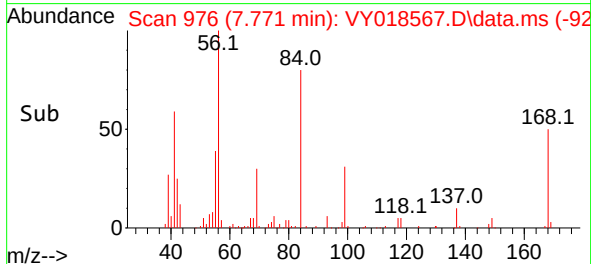
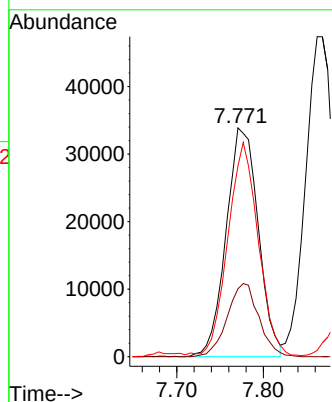
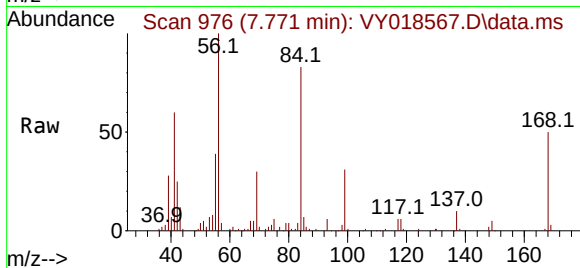




#31
Cyclohexane
Concen: 50.869 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

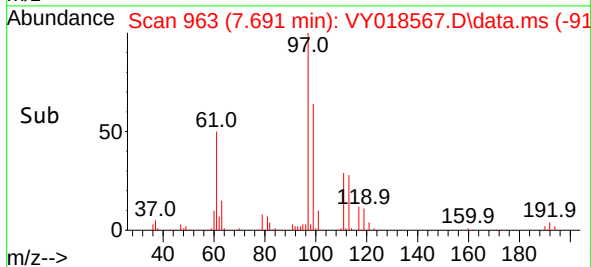
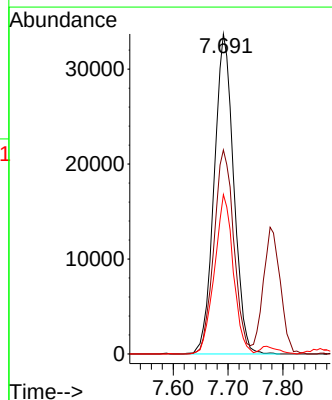
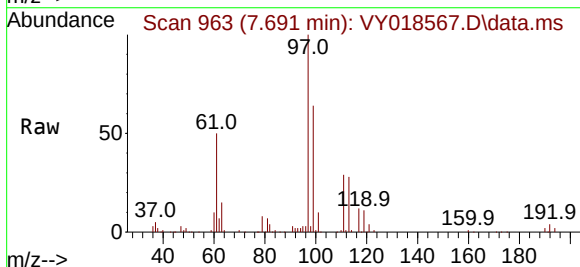
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

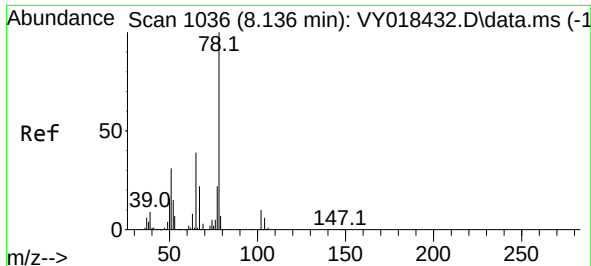
Tgt Ion: 56 Resp: 87248
Ion Ratio Lower Upper
56 100
69 29.6 28.7 43.1
84 81.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 51.935 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion: 97 Resp: 83403
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 47.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 44.513 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

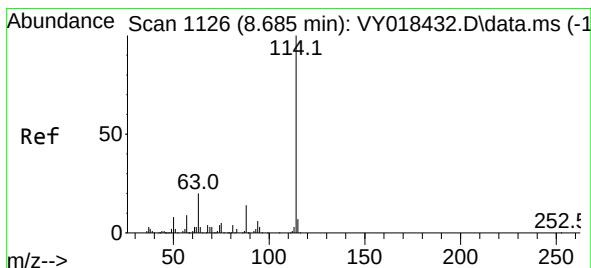
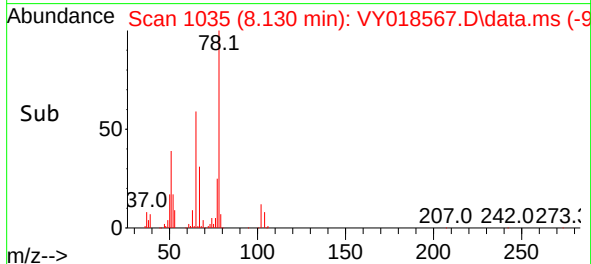
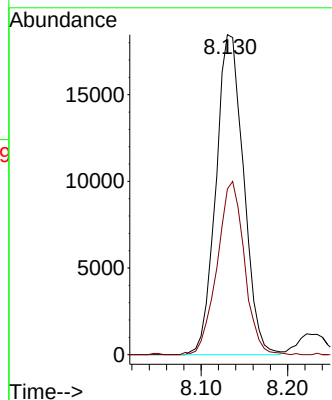
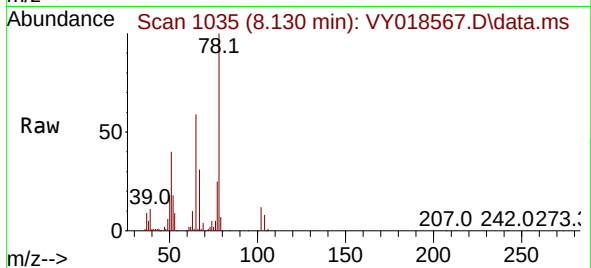
VSTDCCC050

Tgt Ion: 65 Resp: 40948

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

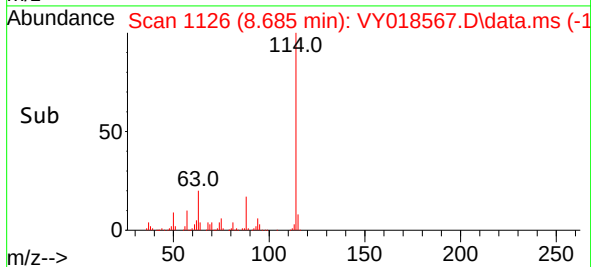
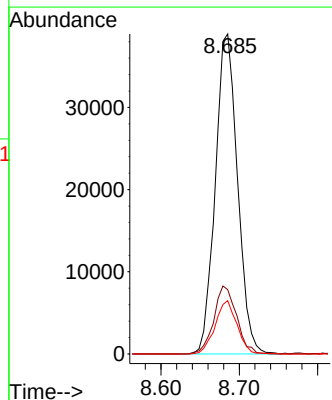
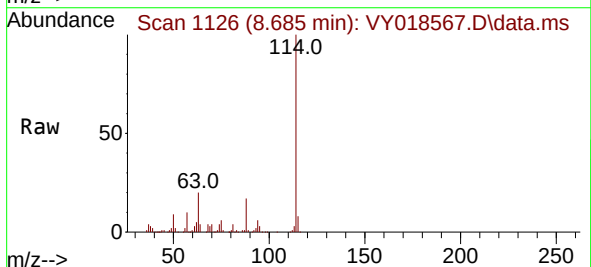
Tgt Ion: 114 Resp: 77031

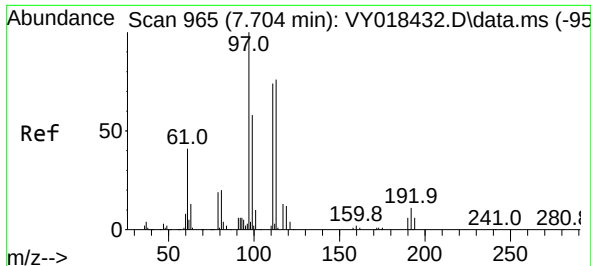
Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.0

88 16.6 0.0 27.2

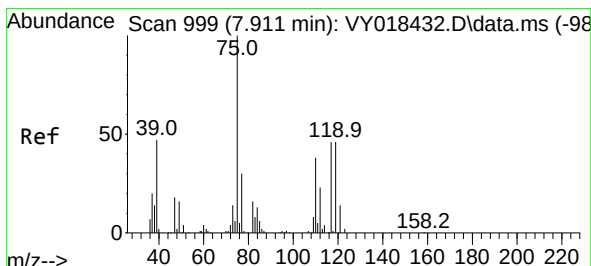
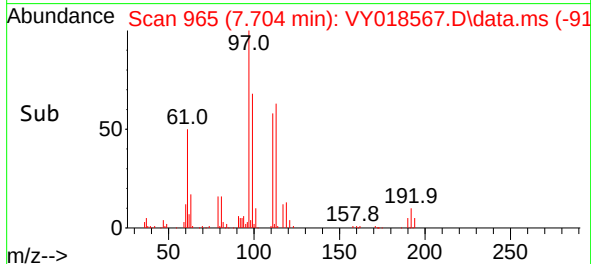
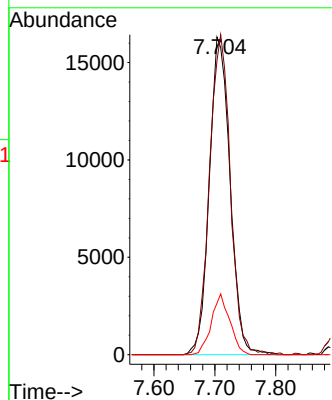
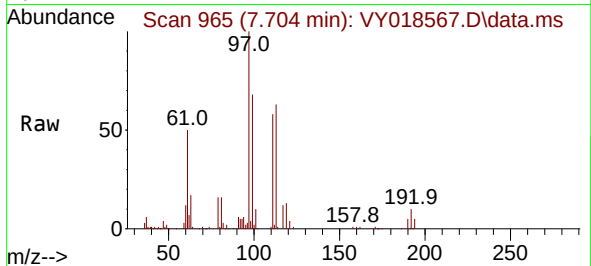




#35
Dibromofluoromethane
Concen: 39.545 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

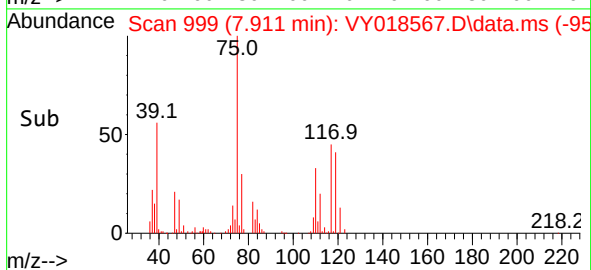
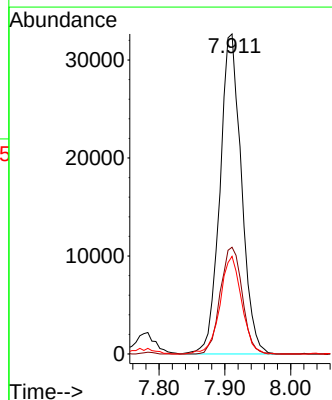
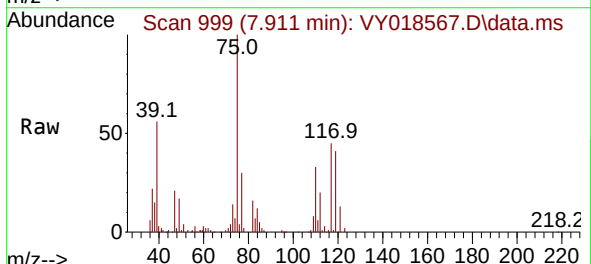
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

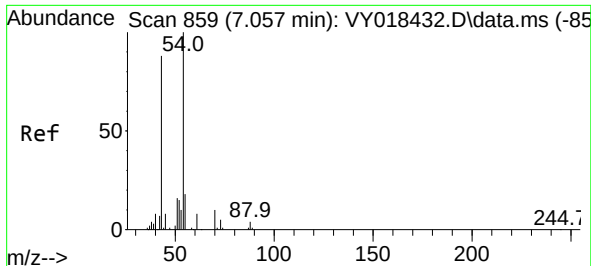
Tgt Ion:113 Resp: 38628
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 17.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 49.863 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion: 75 Resp: 74265
Ion Ratio Lower Upper
75 100
110 34.1 19.0 57.0
77 30.7 25.3 37.9

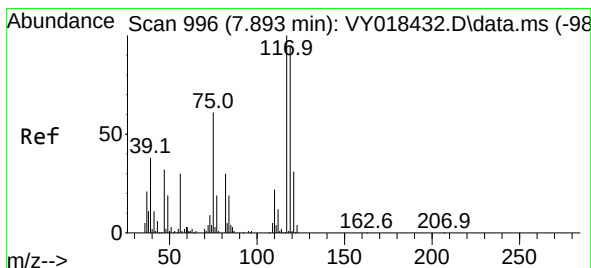
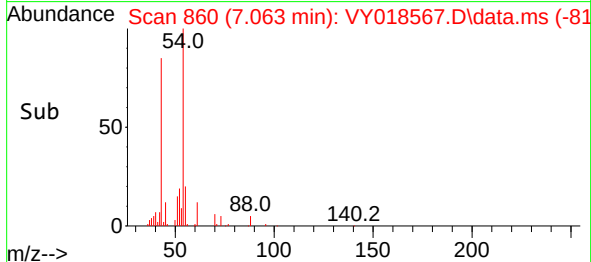
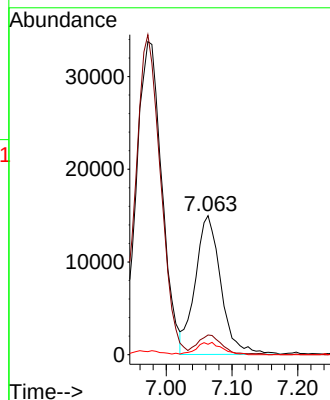
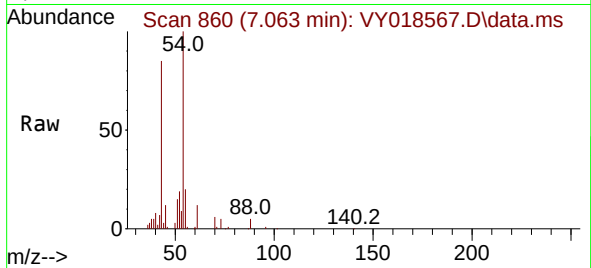




#37
Ethyl Acetate
Concen: 54.264 ug/l
RT: 7.063 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

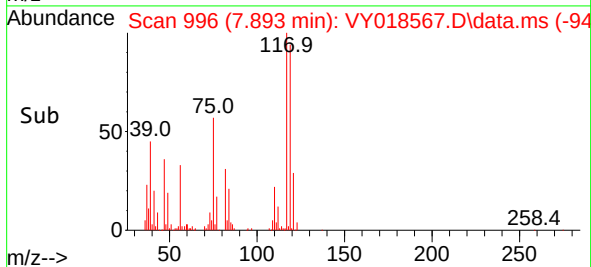
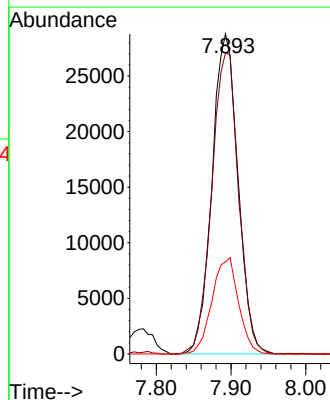
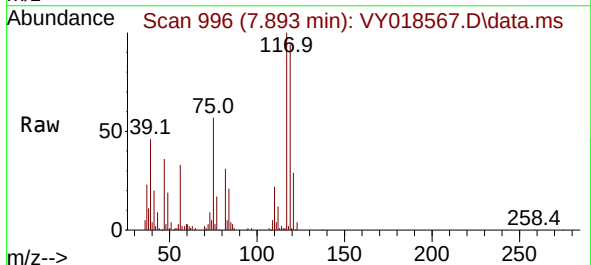
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

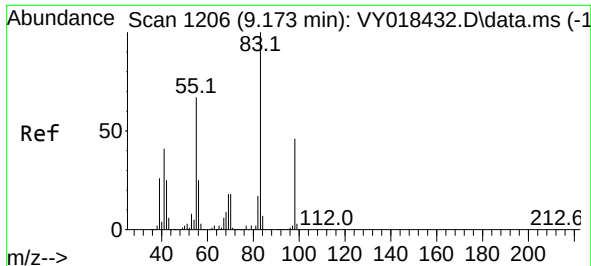
Tgt Ion: 43 Resp: 40375
Ion Ratio Lower Upper
43 100
61 12.3 12.6 19.0#
70 8.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 46.632 ug/l
RT: 7.893 min Scan# 996
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion: 117 Resp: 69599
Ion Ratio Lower Upper
117 100
119 94.1 75.8 113.6
121 28.8 24.0 36.0





#39

Methylcyclohexane

Concen: 47.963 ug/l

RT: 9.173 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

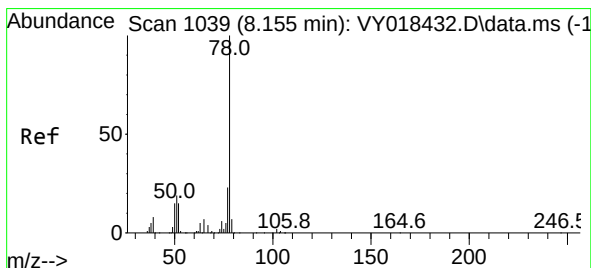
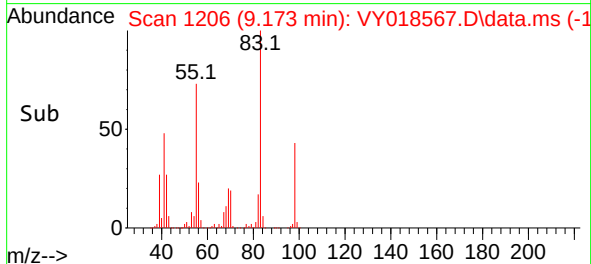
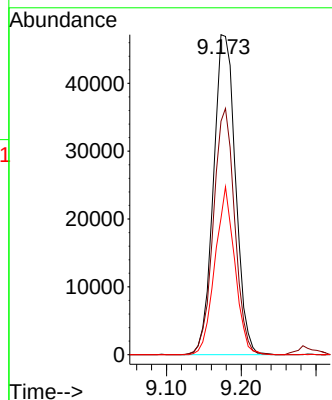
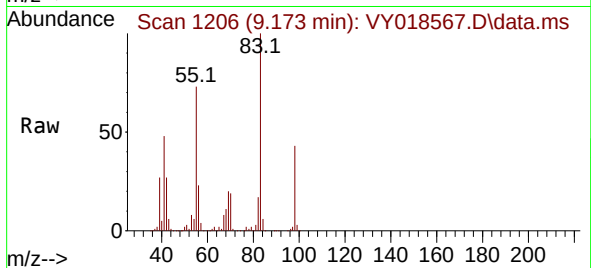
Tgt Ion: 83 Resp: 96571

Ion Ratio Lower Upper

83 100

55 73.0 51.5 77.3

98 42.6 40.5 60.7



#40

Benzene

Concen: 50.001 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018567.D

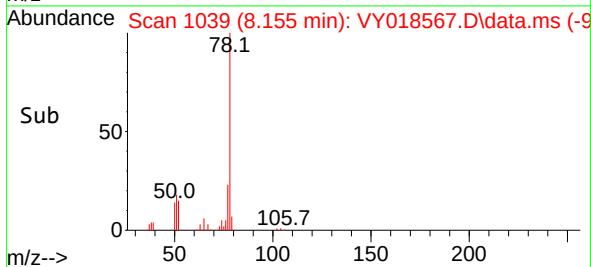
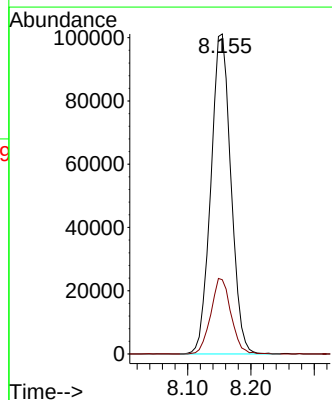
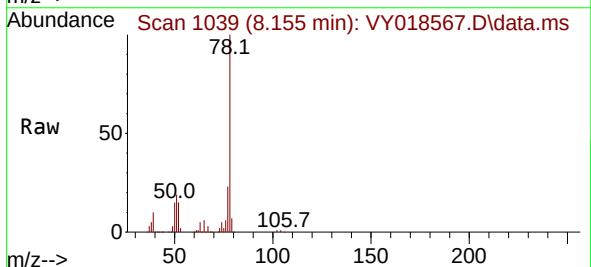
Acq: 12 Jun 2024 14:17

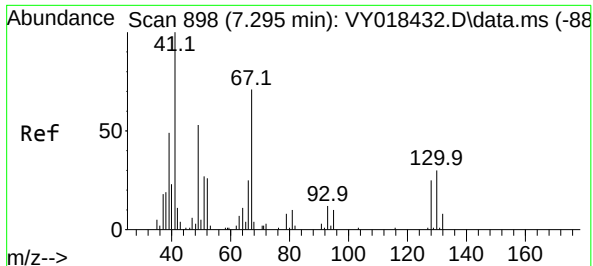
Tgt Ion: 78 Resp: 223134

Ion Ratio Lower Upper

78 100

77 23.2 19.5 29.3

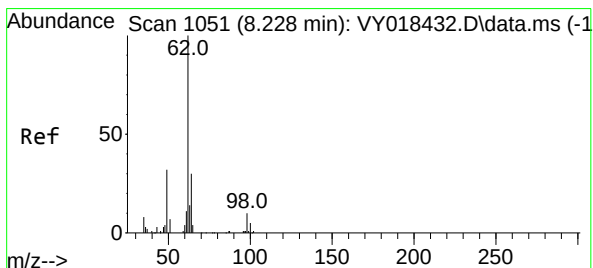
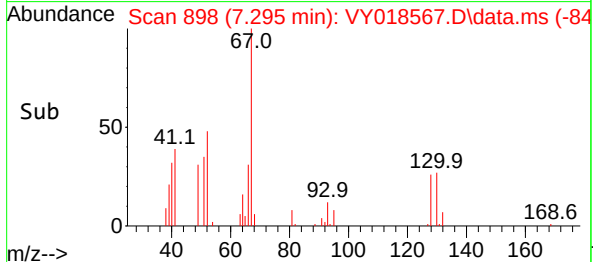
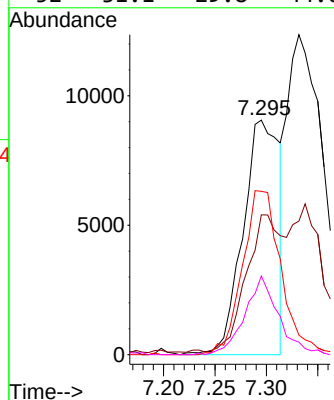
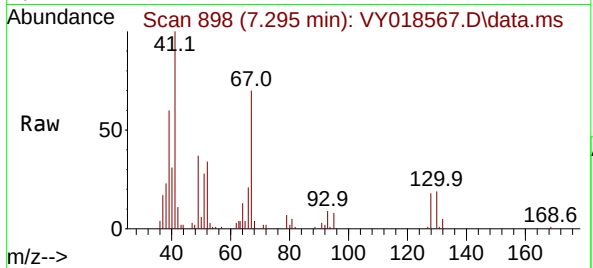




#41
Methacrylonitrile
Concen: 61.348 ug/l
RT: 7.295 min Scan# 898
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

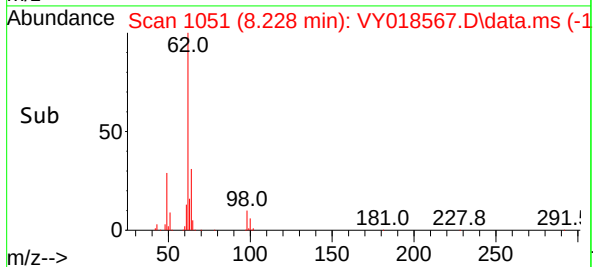
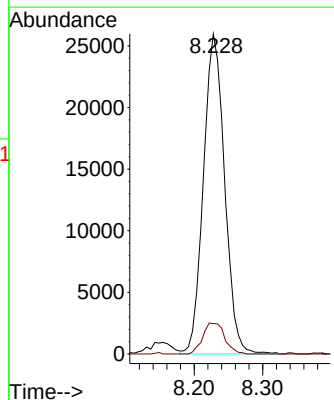
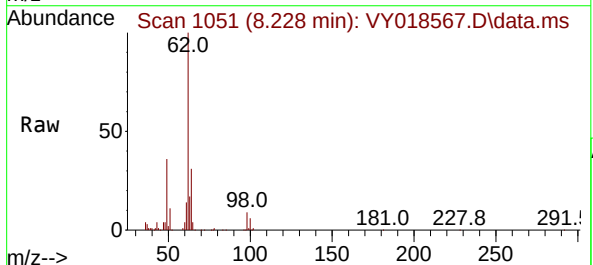
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

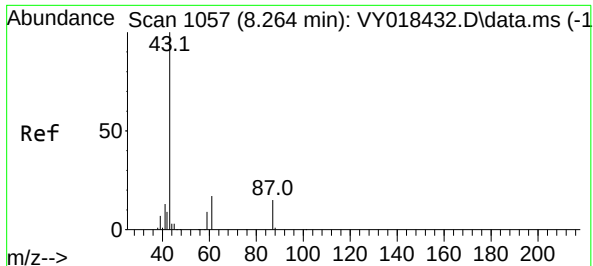
Tgt Ion:	41	Resp:	22203
Ion	Ratio	Lower	Upper
41	100		
39	60.6	48.0	72.0
67	74.9	75.1	112.7#
52	31.1	29.8	44.6



#42
1,2-Dichloroethane
Concen: 51.580 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion:	62	Resp:	55962
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	22.0

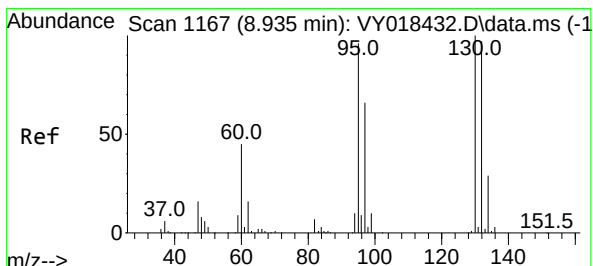
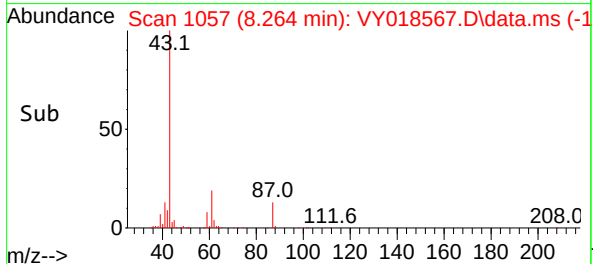
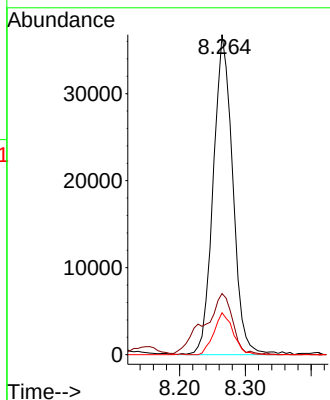
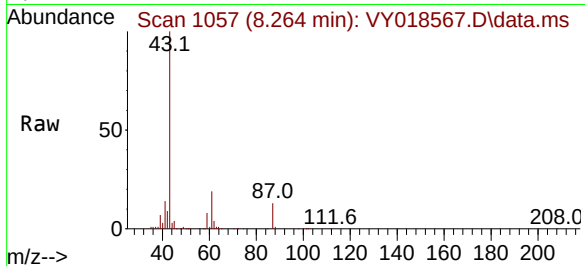




#43
Isopropyl Acetate
Concen: 54.536 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

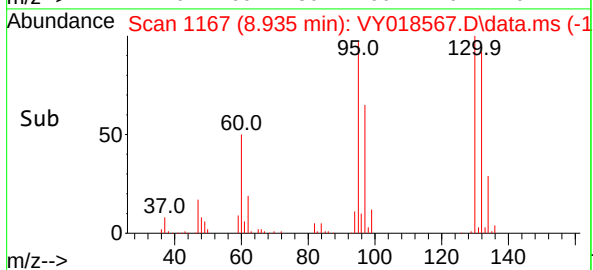
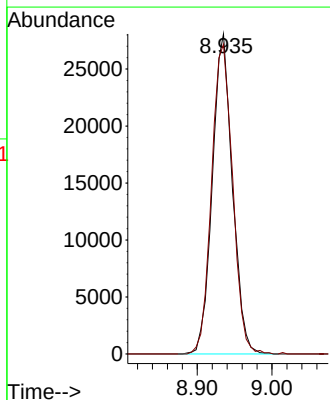
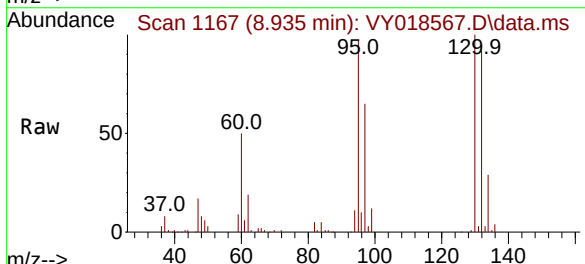
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

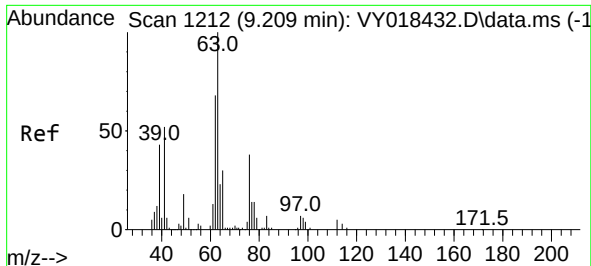
Tgt Ion: 43 Resp: 75873
Ion Ratio Lower Upper
43 100
61 27.3 27.9 41.9#
87 12.9 13.1 19.7#



#44
Trichloroethene
Concen: 47.397 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion:130 Resp: 52416
Ion Ratio Lower Upper
130 100
95 96.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 52.790 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

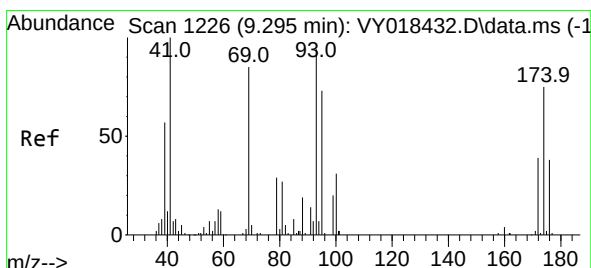
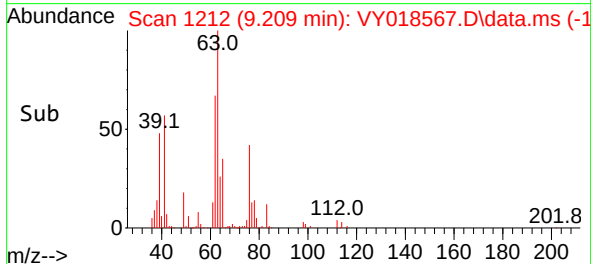
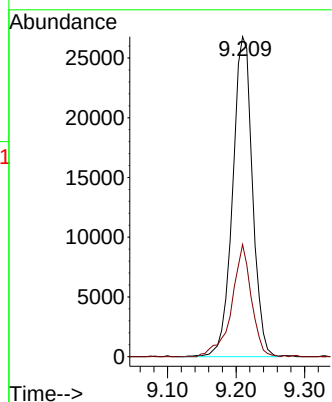
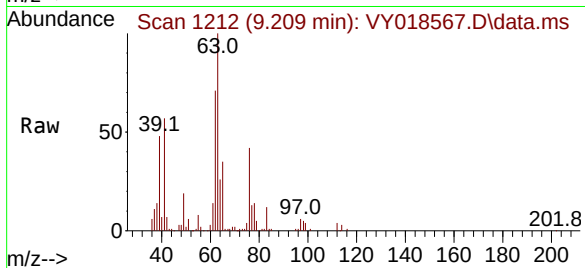
VSTDCCC050

Tgt Ion: 63 Resp: 53876

Ion Ratio Lower Upper

63 100

65 35.1 25.4 38.2



#46

Dibromomethane

Concen: 50.234 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

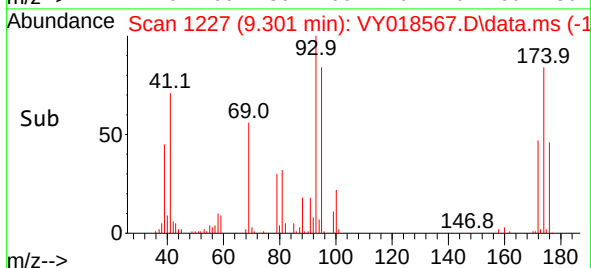
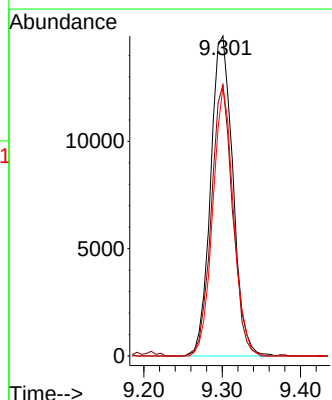
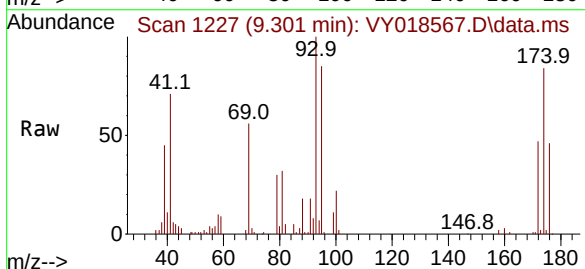
Tgt Ion: 93 Resp: 29394

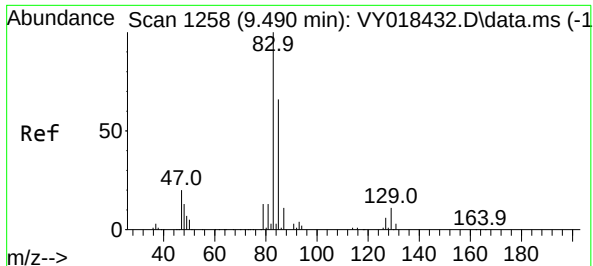
Ion Ratio Lower Upper

93 100

95 81.2 66.2 99.4

174 78.2 80.9 121.3#

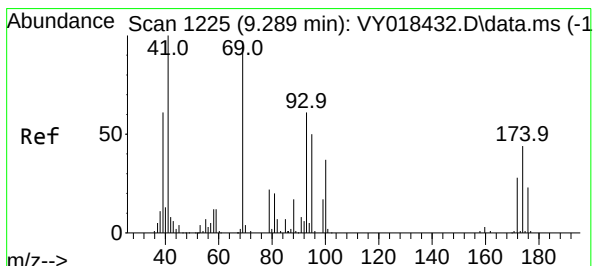
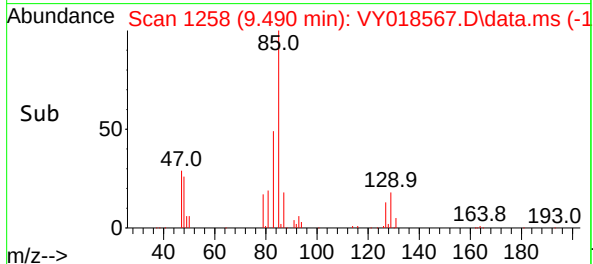
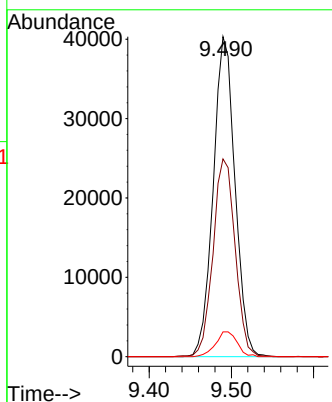
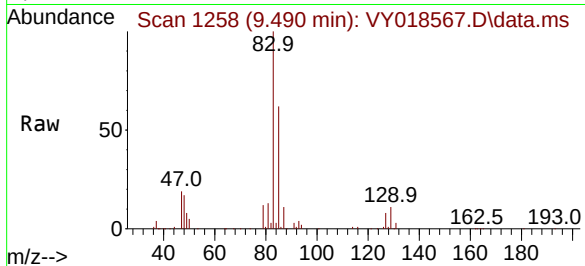




#47
Bromodichloromethane
Concen: 52.757 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

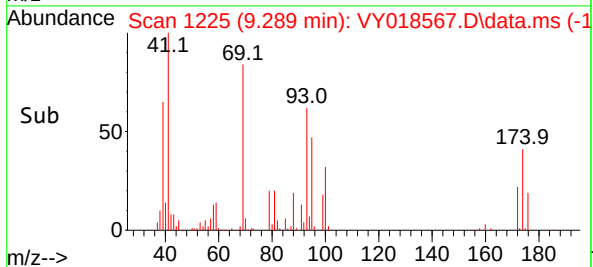
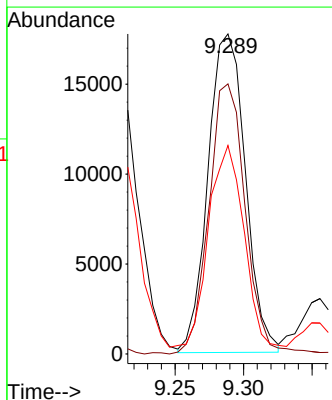
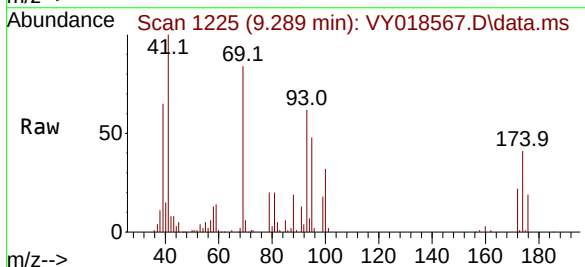
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

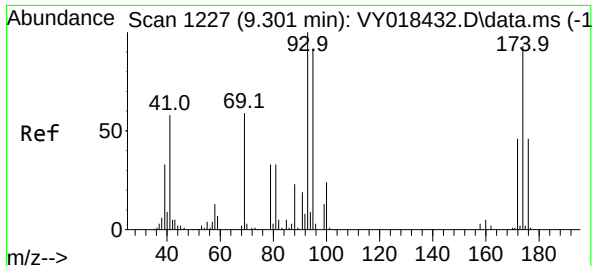
Tgt Ion: 83 Resp: 74102
Ion Ratio Lower Upper
83 100
85 61.8 50.1 75.1
127 7.8 7.4 11.0



#48
Methyl methacrylate
Concen: 52.473 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion: 41 Resp: 33588
Ion Ratio Lower Upper
41 100
69 82.8 84.1 126.1#
39 60.5 43.6 65.4





#49

1,4-Dioxane

Concen: 964.469 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

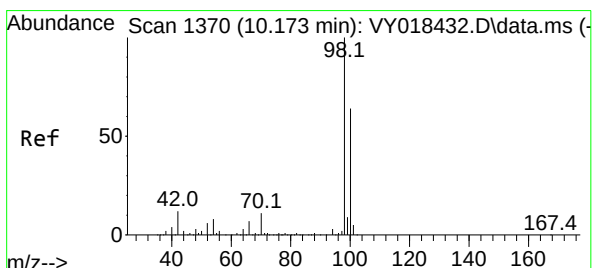
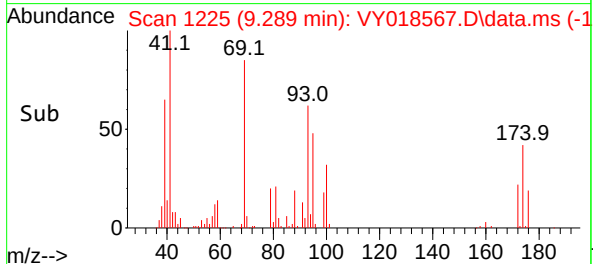
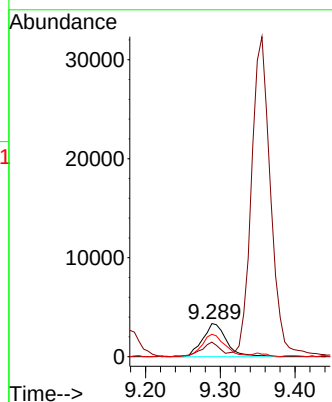
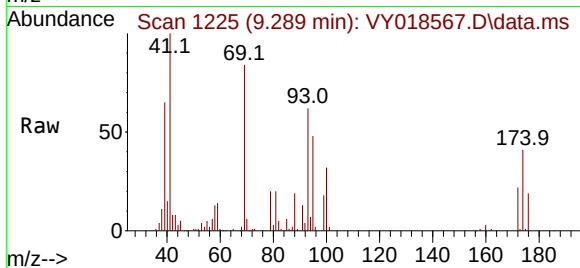
Tgt Ion: 88 Resp: 7411

Ion Ratio Lower Upper

88 100

43 34.2 0.0 0.0#

58 66.1 49.3 73.9



#50

Toluene-d8

Concen: 39.141 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018567.D

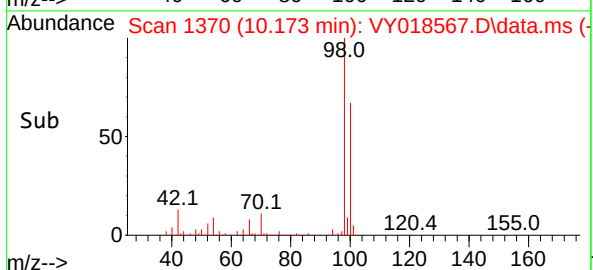
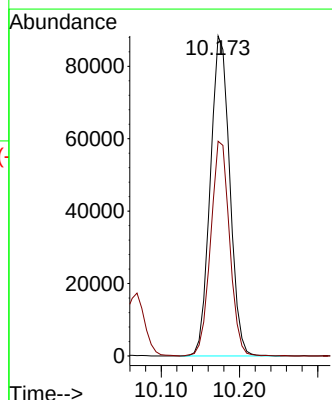
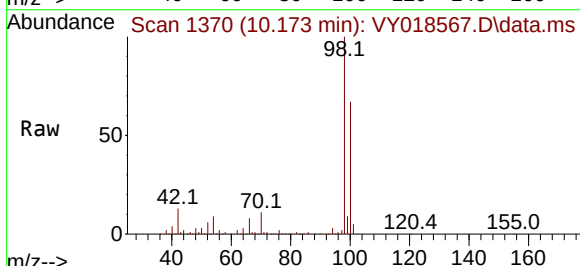
Acq: 12 Jun 2024 14:17

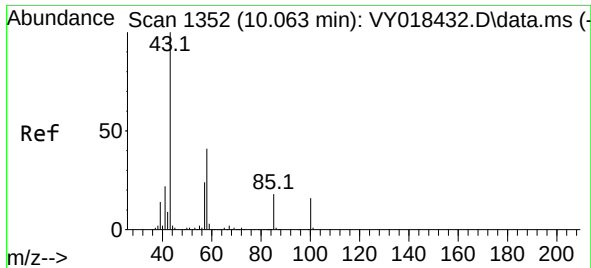
Tgt Ion: 98 Resp: 152103

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

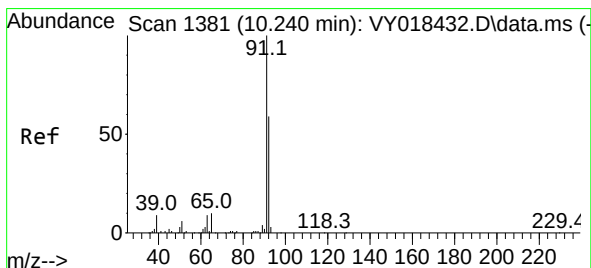
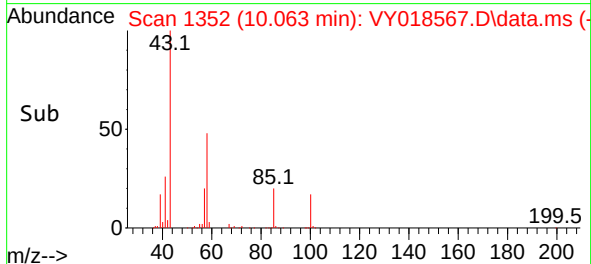
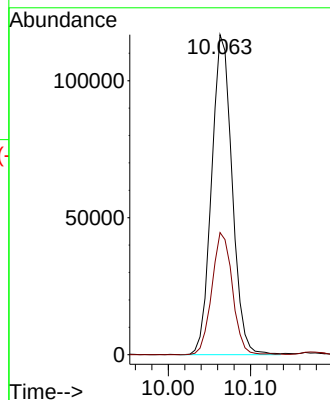
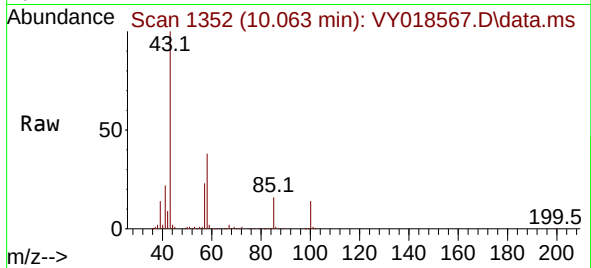




#51
4-Methyl-2-Pentanone
Concen: 280.521 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

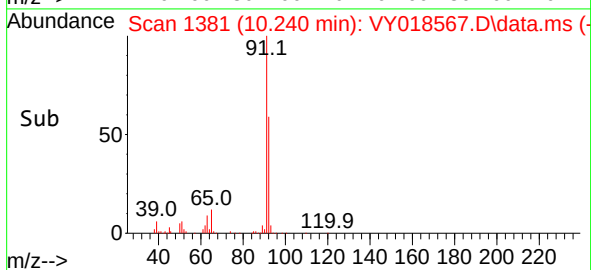
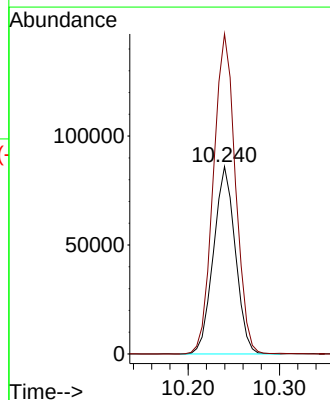
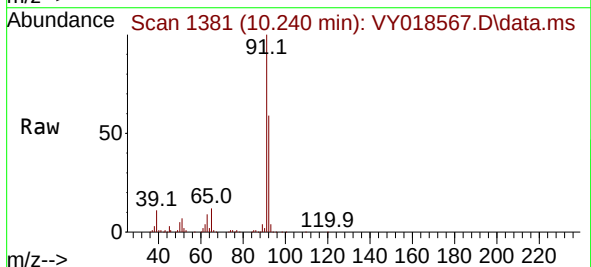
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

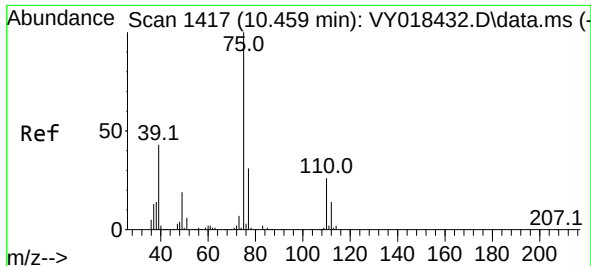
Tgt Ion: 43 Resp: 202654
Ion Ratio Lower Upper
43 100
58 38.2 35.7 53.5



#52
Toluene
Concen: 52.052 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion: 92 Resp: 142869
Ion Ratio Lower Upper
92 100
91 172.5 139.0 208.6

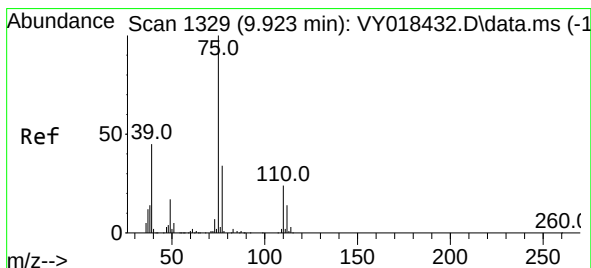
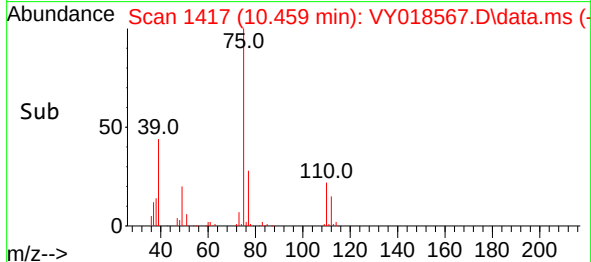
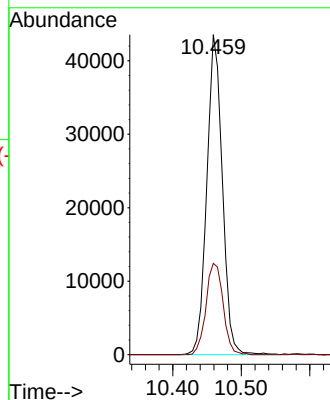
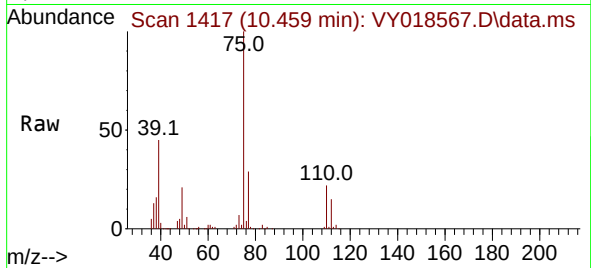




#53
t-1,3-Dichloropropene
Concen: 53.238 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

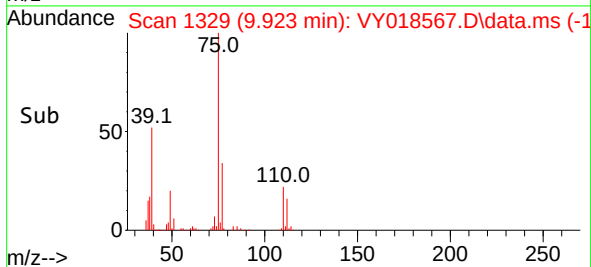
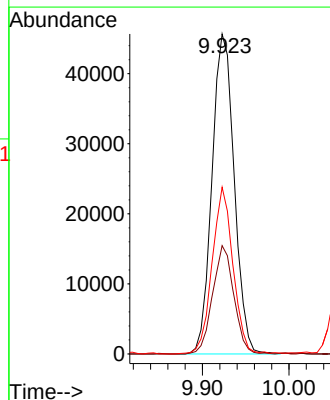
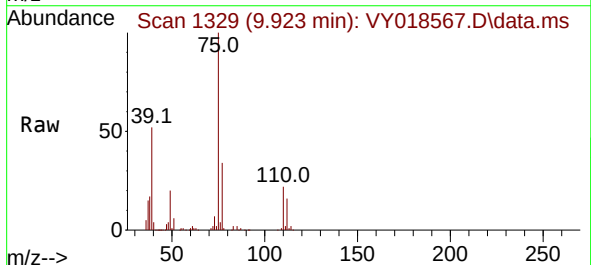
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

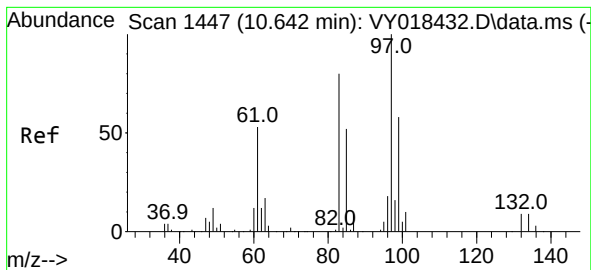
Tgt Ion: 75 Resp: 68670
Ion Ratio Lower Upper
75 100
77 28.6 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 51.244 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion: 75 Resp: 81385
Ion Ratio Lower Upper
75 100
77 33.8 25.4 38.0
39 52.0 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 50.863 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 38721

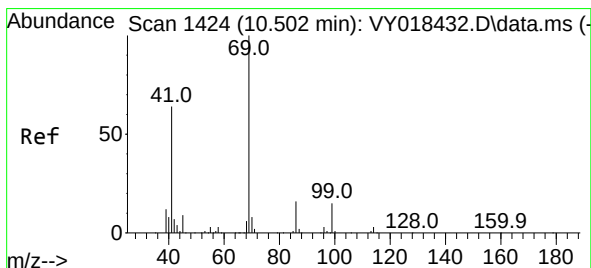
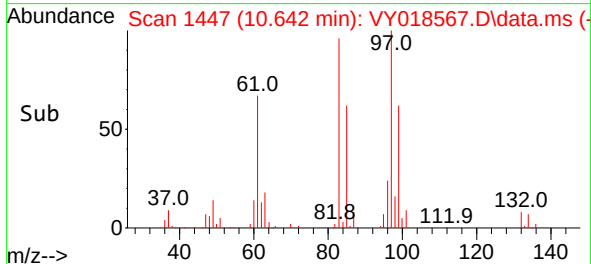
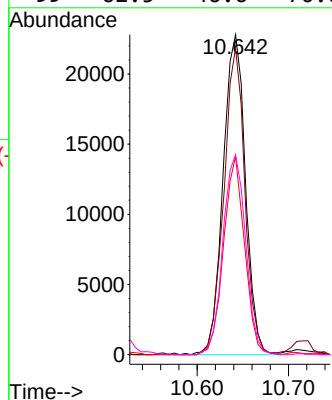
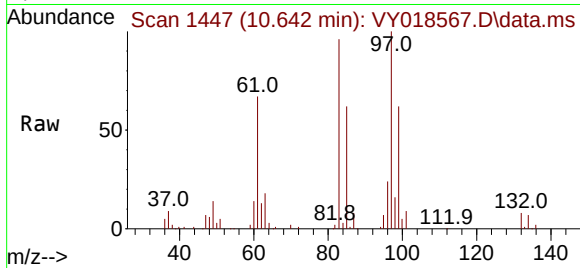
Ion Ratio Lower Upper

97 100

83 95.8 67.5 101.3

85 62.0 42.9 64.3

99 62.5 46.6 70.0



#56

Ethyl methacrylate

Concen: 54.841 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

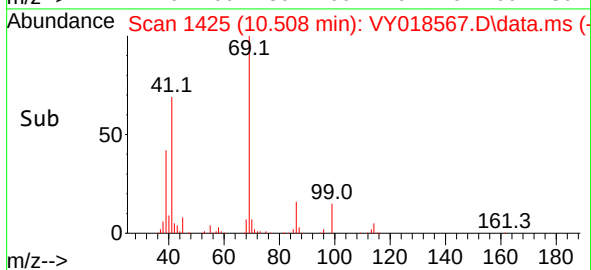
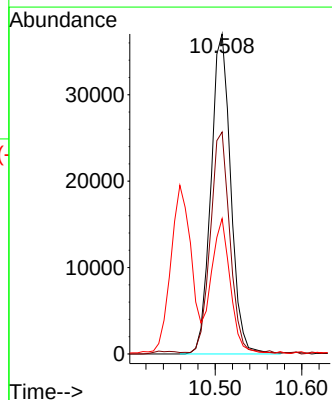
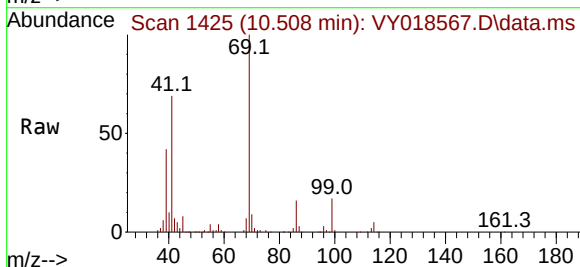
Tgt Ion: 69 Resp: 58749

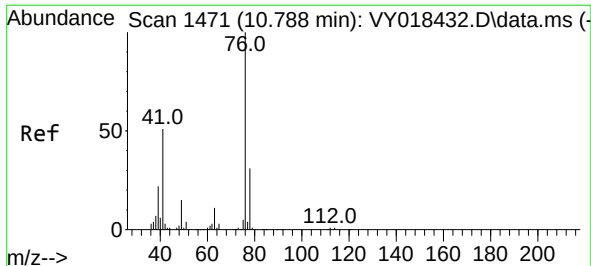
Ion Ratio Lower Upper

69 100

41 68.1 42.3 63.5#

39 40.3 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 53.106 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

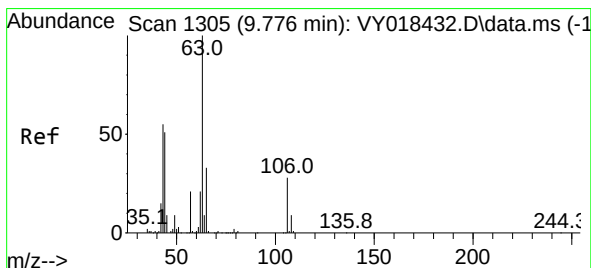
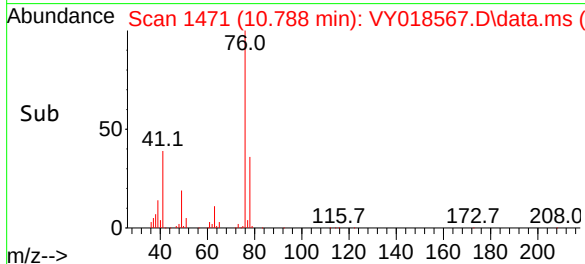
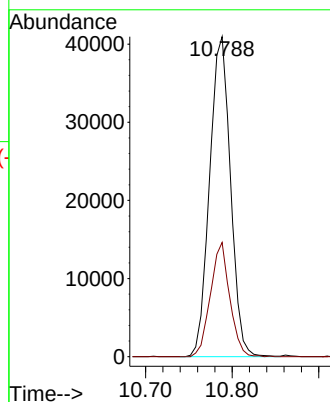
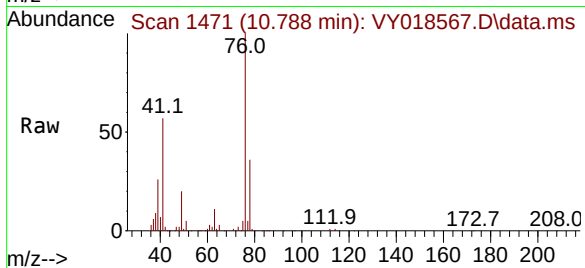
VSTDCCC050

Tgt Ion: 76 Resp: 68632

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 228.567 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY018567.D

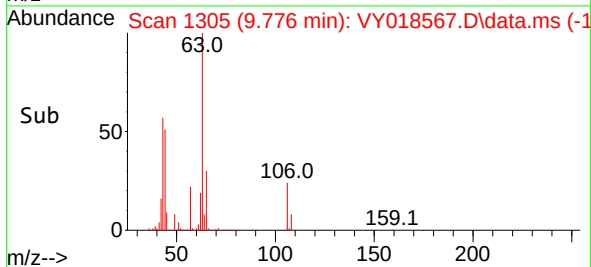
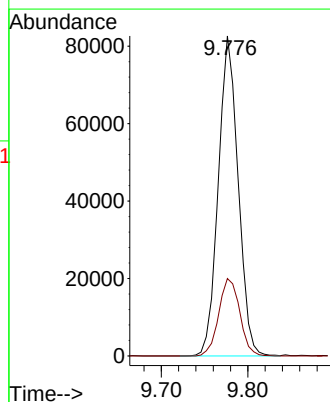
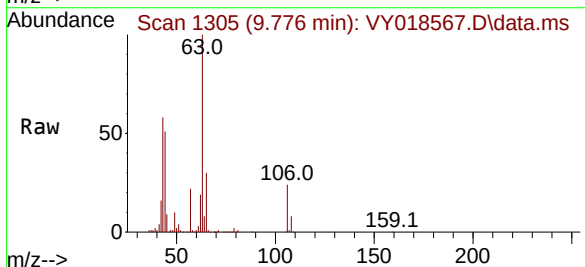
Acq: 12 Jun 2024 14:17

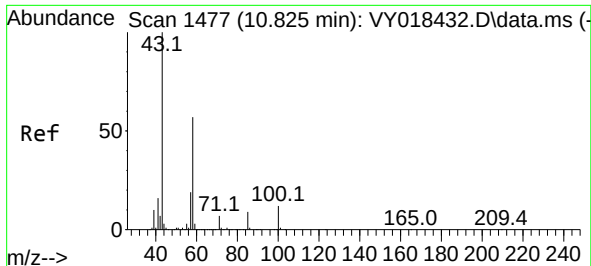
Tgt Ion: 63 Resp: 131488

Ion Ratio Lower Upper

63 100

106 25.7 23.7 35.5

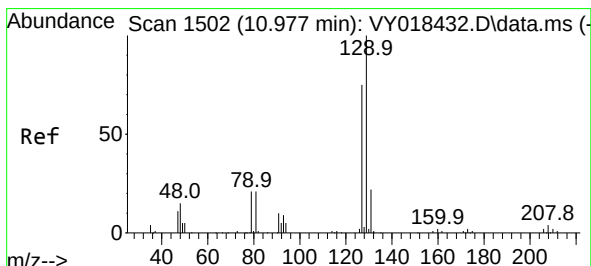
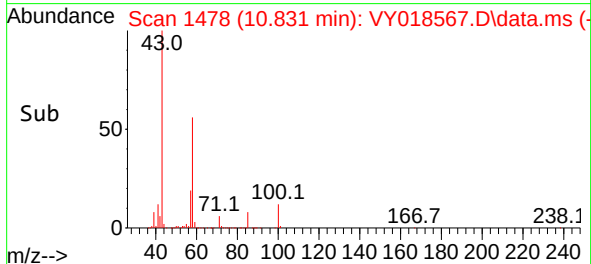
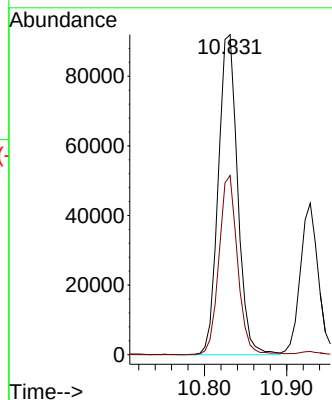
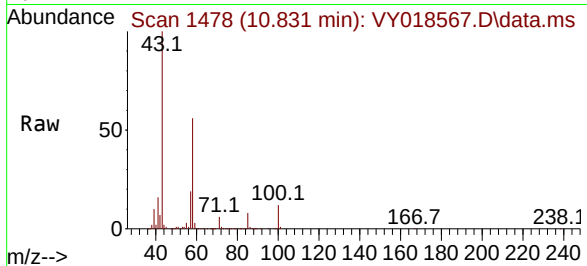




#59
2-Hexanone
Concen: 301.453 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

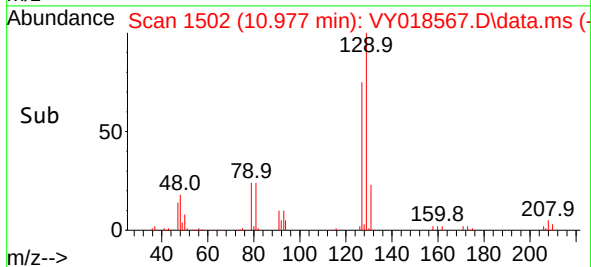
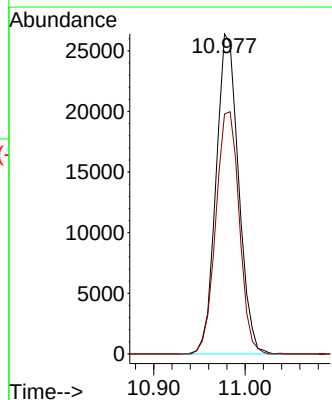
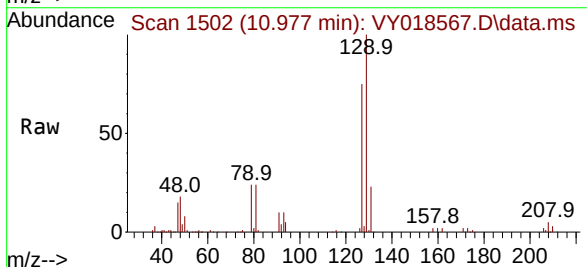
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

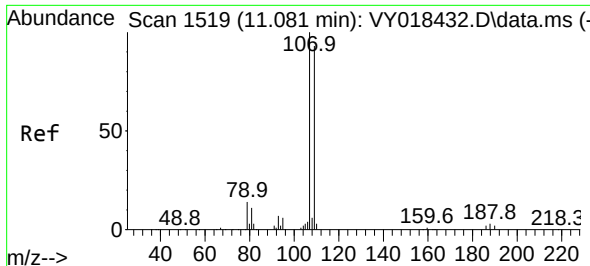
Tgt Ion: 43 Resp: 150492
Ion Ratio Lower Upper
43 100
58 54.0 31.4 94.0



#60
Dibromochloromethane
Concen: 48.705 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion:129 Resp: 45298
Ion Ratio Lower Upper
129 100
127 78.5 39.0 117.0

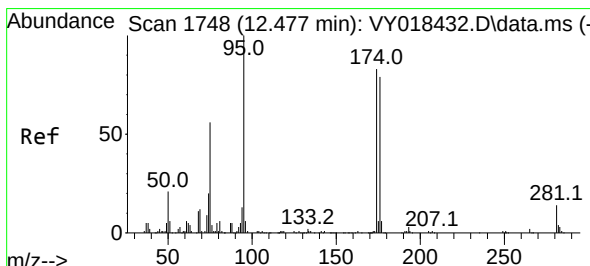
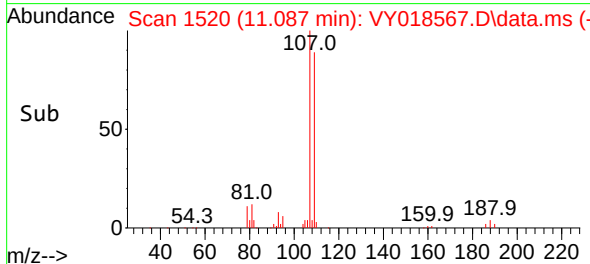
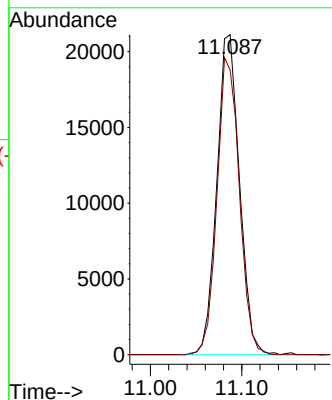
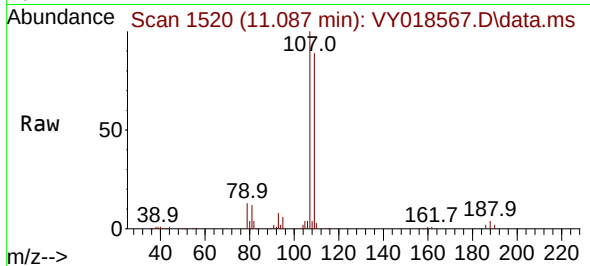




#61
1,2-Dibromoethane
Concen: 50.687 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

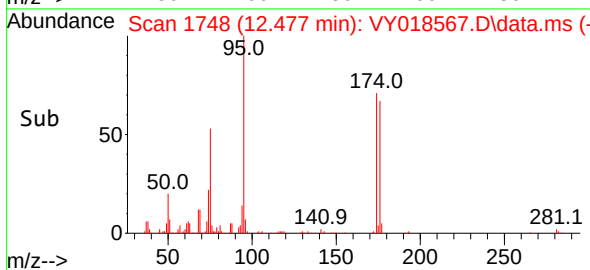
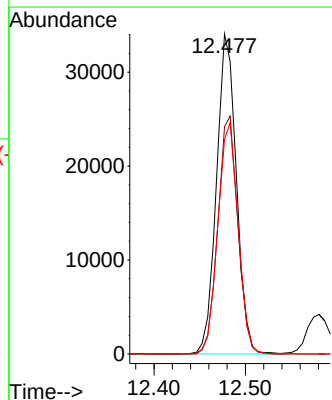
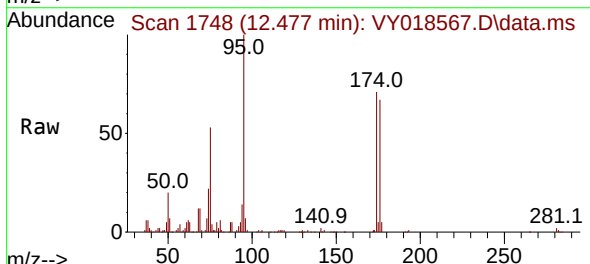
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

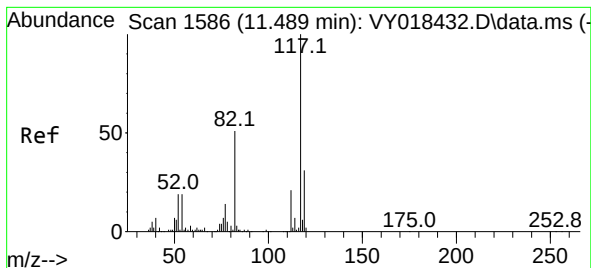
Tgt Ion:107 Resp: 36336
Ion Ratio Lower Upper
107 100
109 91.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 42.409 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion: 95 Resp: 51312
Ion Ratio Lower Upper
95 100
174 75.3 0.0 175.6
176 73.5 0.0 171.4

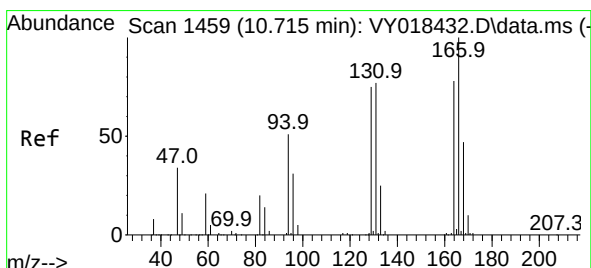
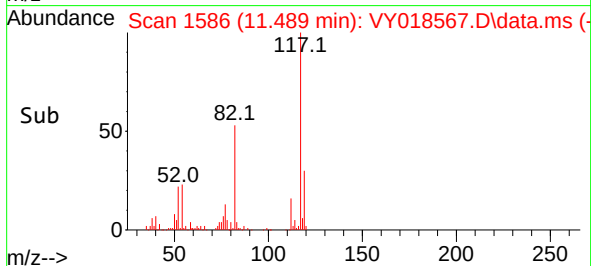
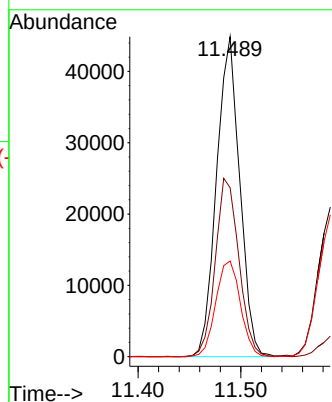
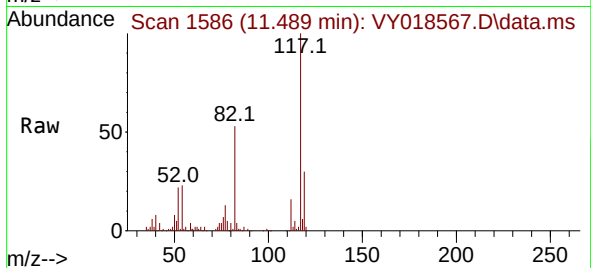




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

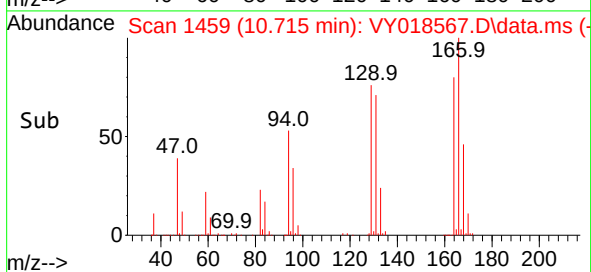
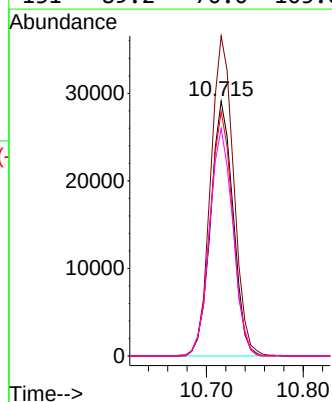
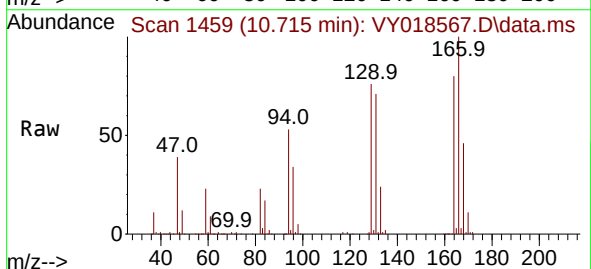
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

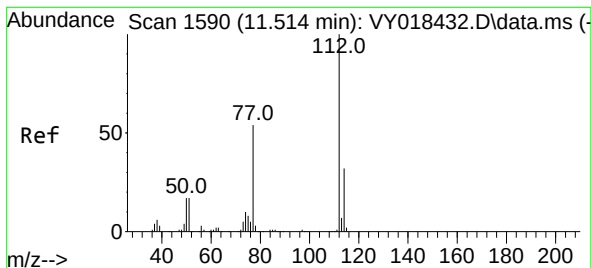
Tgt Ion:	117	Resp:	70355
Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.4	63.6
119	29.9	25.9	38.9



#64
Tetrachloroethene
Concen: 45.243 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion:	164	Resp:	46886
Ion	Ratio	Lower	Upper
164	100		
166	125.6	102.6	154.0
129	95.6	72.0	108.0
131	89.2	70.0	105.0





#65

Chlorobenzene

Concen: 49.508 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

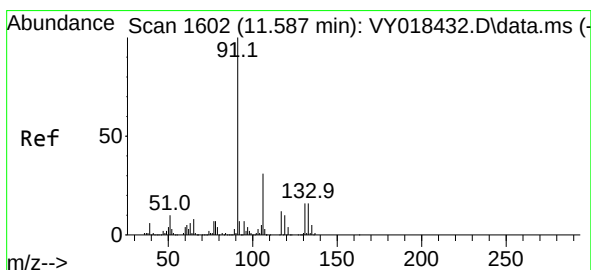
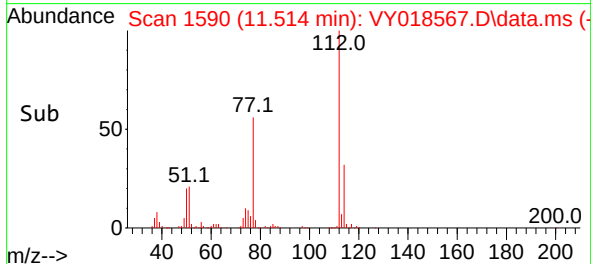
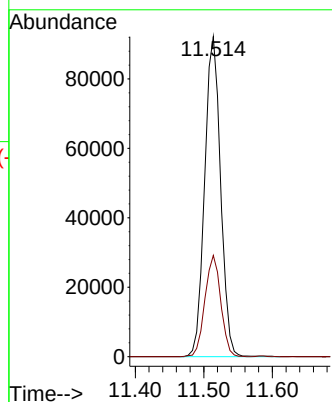
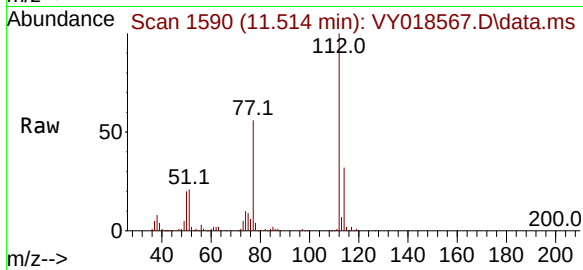
VSTDCCC050

Tgt Ion:112 Resp: 149371

Ion Ratio Lower Upper

112 100

114 31.6 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 48.769 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

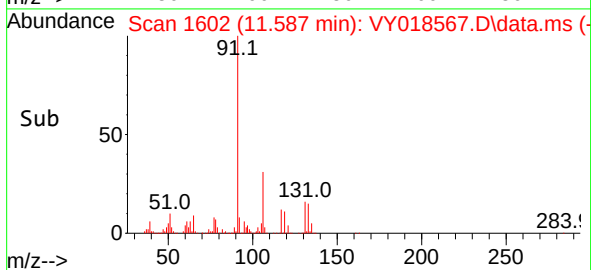
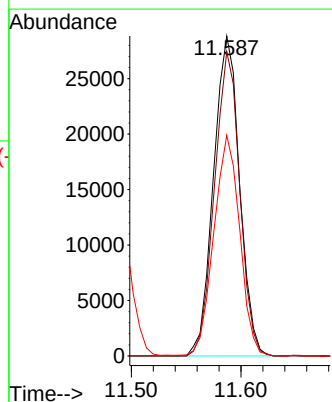
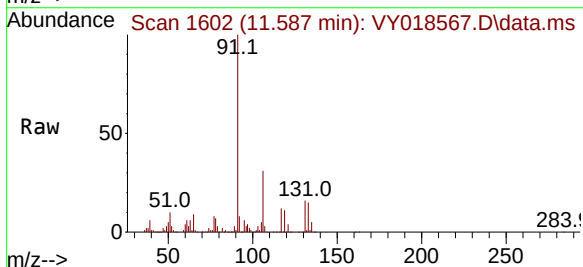
Tgt Ion:131 Resp: 47578

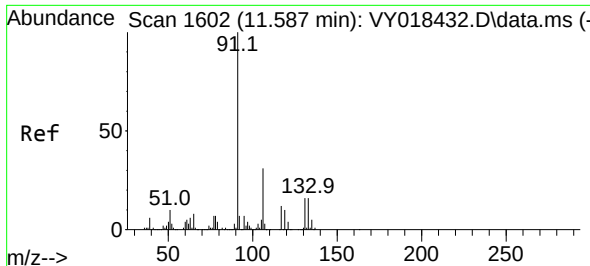
Ion Ratio Lower Upper

131 100

133 92.3 47.8 143.3

119 68.7 34.1 102.2

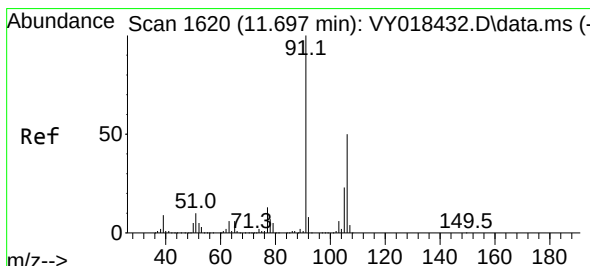
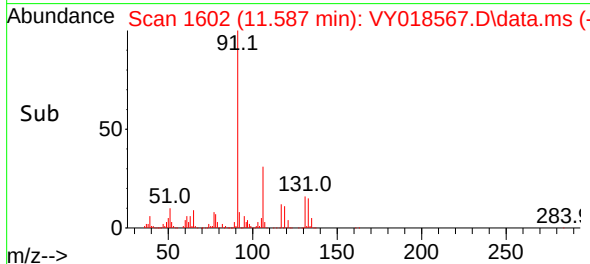
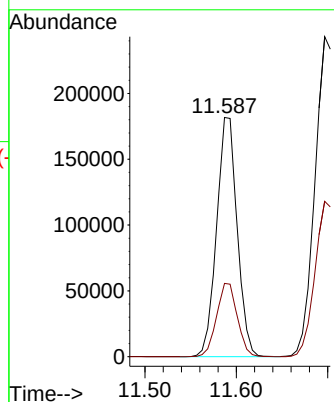
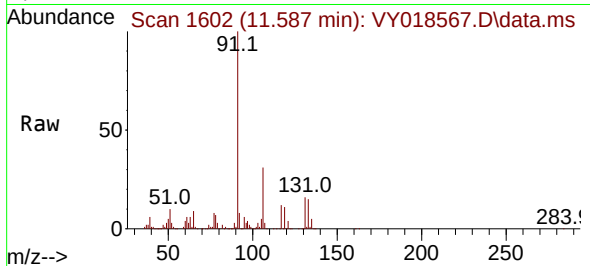




#67
Ethyl Benzene
Concen: 51.785 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

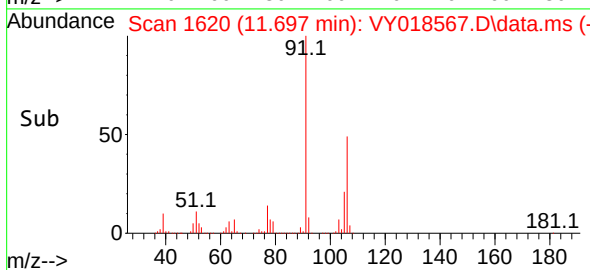
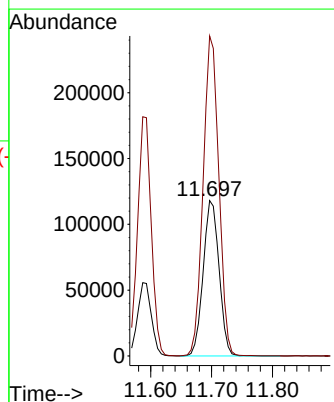
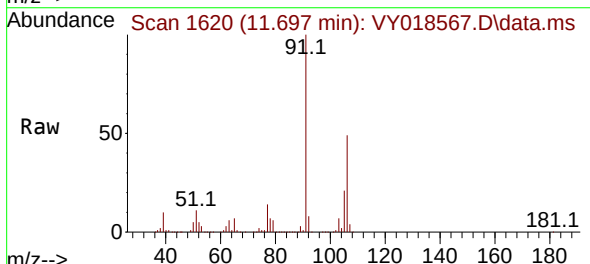
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

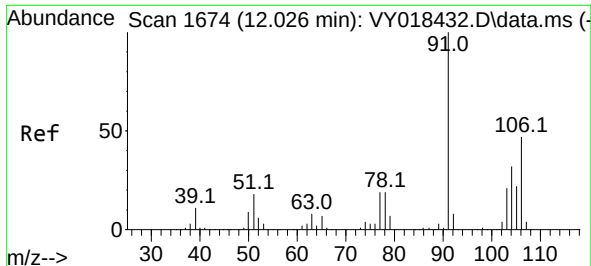
Tgt Ion: 91 Resp: 284383
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7



#68
m/p-Xylenes
Concen: 103.463 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion: 106 Resp: 213946
Ion Ratio Lower Upper
106 100
91 203.8 156.0 234.0





#69

o-Xylene

Concen: 50.779 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

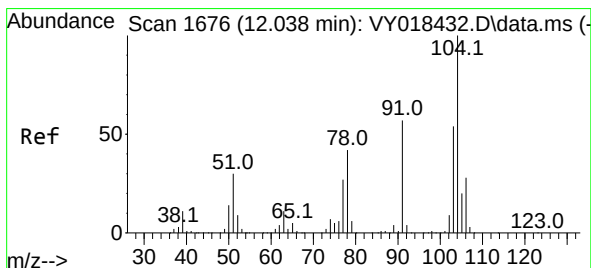
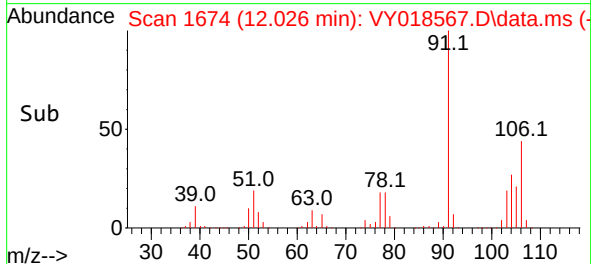
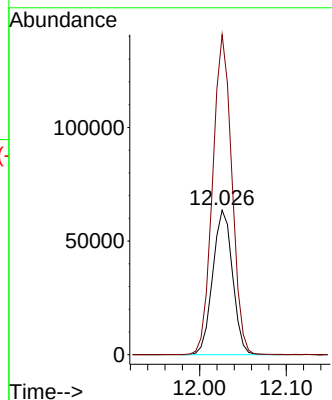
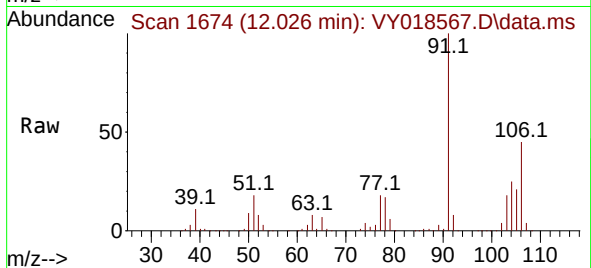
VSTDCCC050

Tgt Ion:106 Resp: 101079

Ion Ratio Lower Upper

106 100

91 214.4 103.6 310.8



#70

Styrene

Concen: 53.330 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

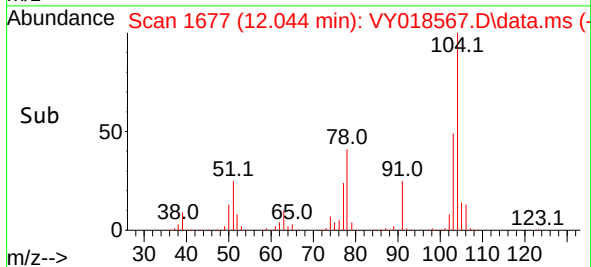
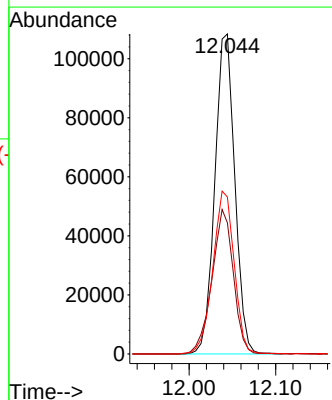
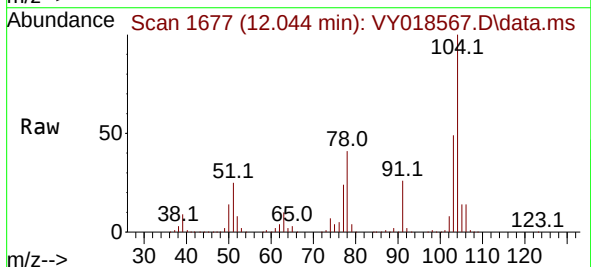
Tgt Ion:104 Resp: 173449

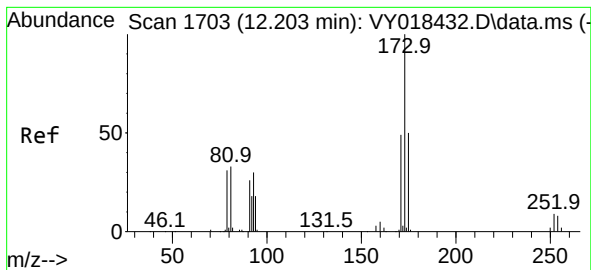
Ion Ratio Lower Upper

104 100

78 48.3 37.0 55.4

103 54.6 44.2 66.2





#71

Bromoform

Concen: 46.469 ug/l

RT: 12.203 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

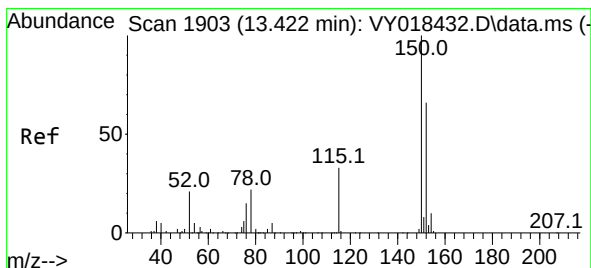
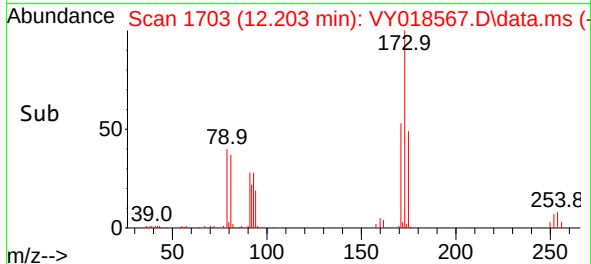
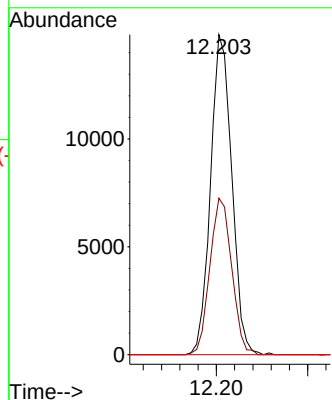
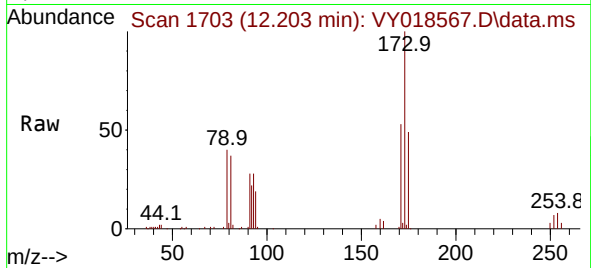
Tgt Ion:173 Resp: 23883

Ion Ratio Lower Upper

173 100

175 50.3 25.1 75.3

254 0.0 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: VY018567.D

Acq: 12 Jun 2024 14:17

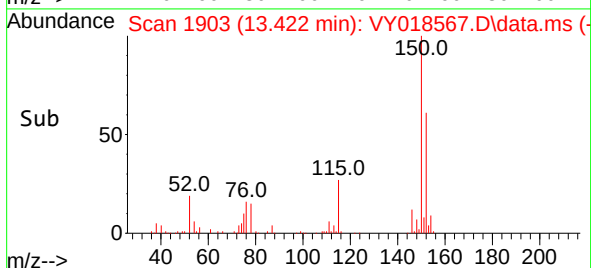
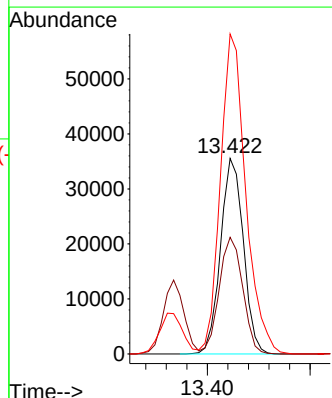
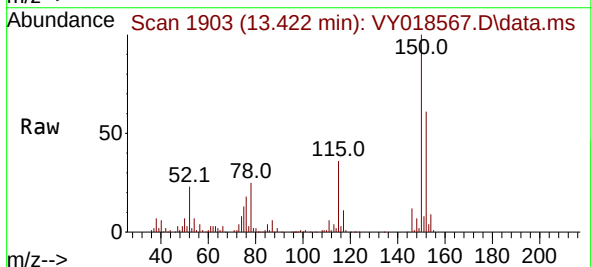
Tgt Ion:152 Resp: 54839

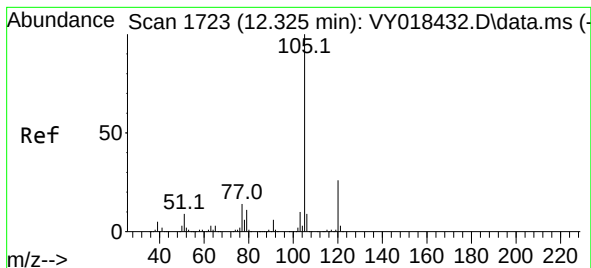
Ion Ratio Lower Upper

152 100

115 61.4 28.2 84.7

150 181.0 0.0 345.6





#73

Isopropylbenzene

Concen: 48.120 ug/l

RT: 12.325 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

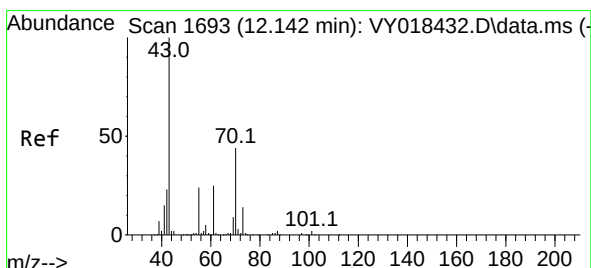
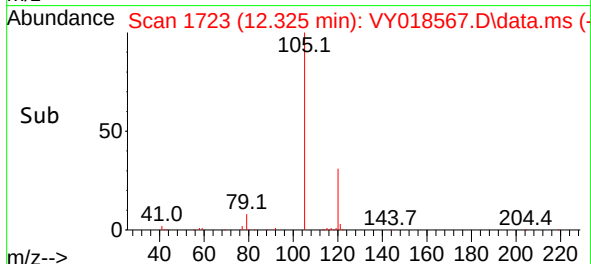
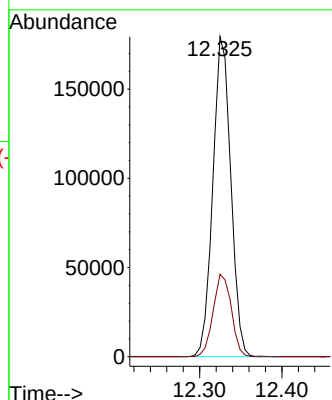
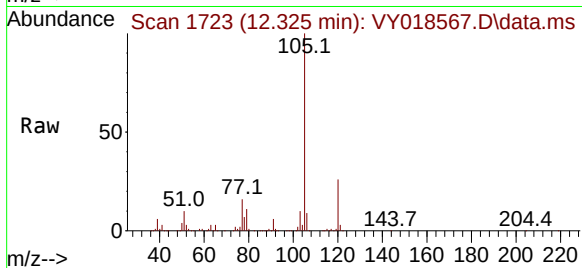
VSTDCCC050

Tgt Ion:105 Resp: 272314

Ion Ratio Lower Upper

105 100

120 26.0 13.4 40.1



#74

N-ethyl acetate

Concen: 52.457 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Tgt Ion: 43 Resp: 72257

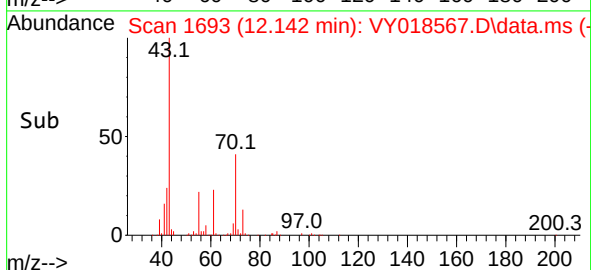
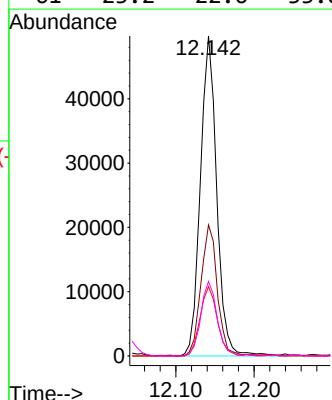
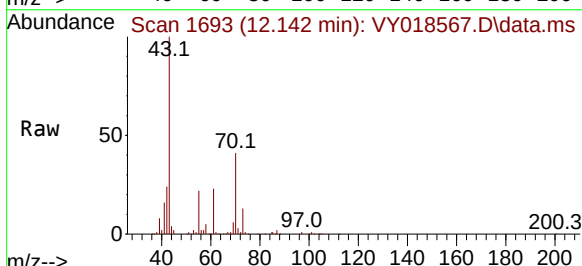
Ion Ratio Lower Upper

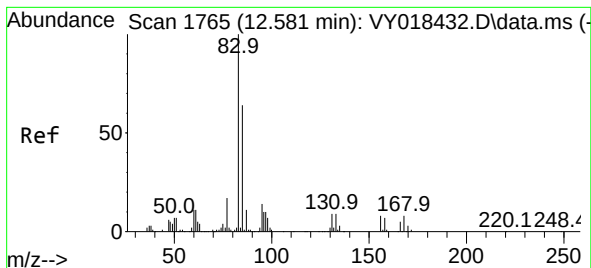
43 100

70 41.4 41.4 62.2#

55 22.8 23.3 34.9#

61 23.2 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.175 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

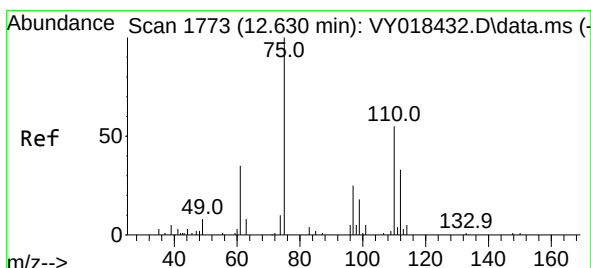
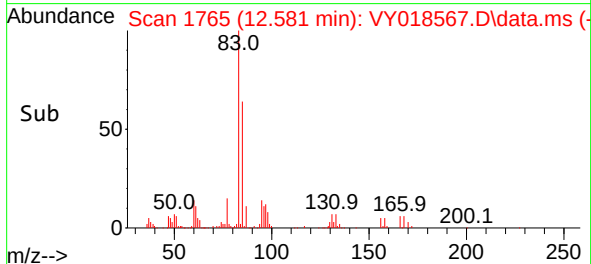
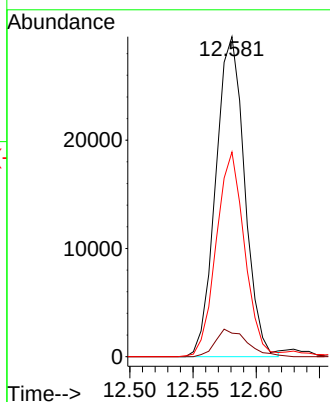
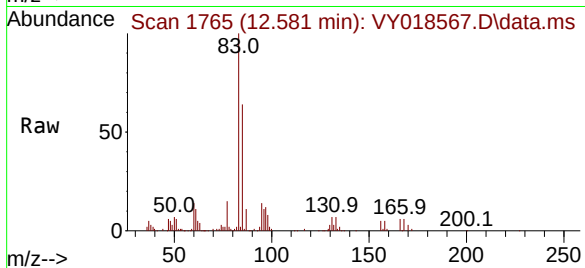
Tgt Ion: 83 Resp: 46995

Ion Ratio Lower Upper

83 100

131 9.3 5.0 14.9

85 62.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 47.079 ug/l m

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY018567.D

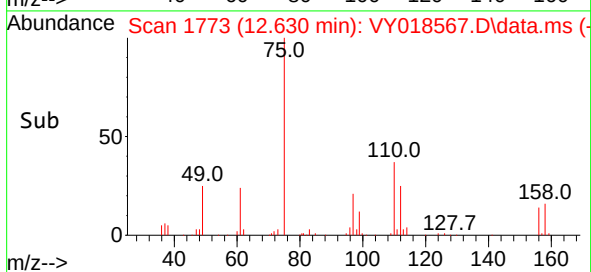
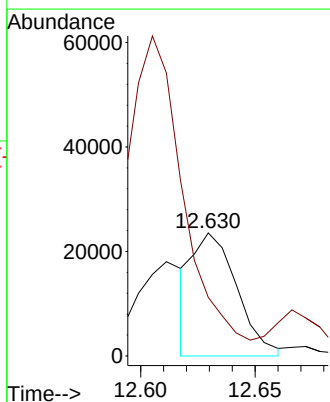
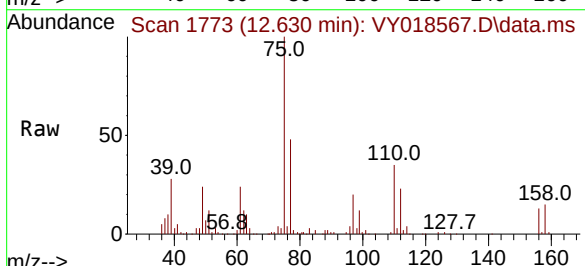
Acq: 12 Jun 2024 14:17

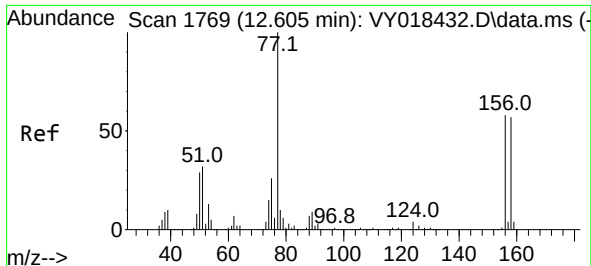
Tgt Ion: 75 Resp: 32014

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

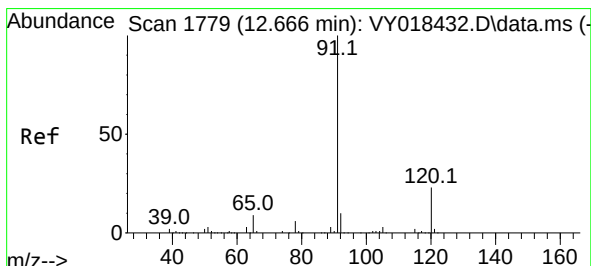
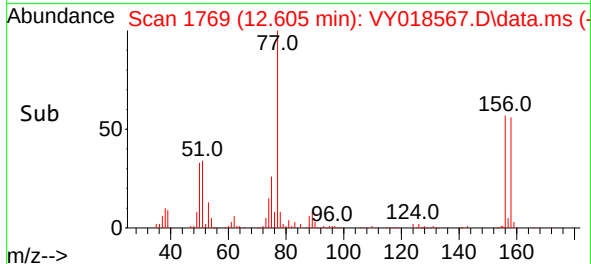
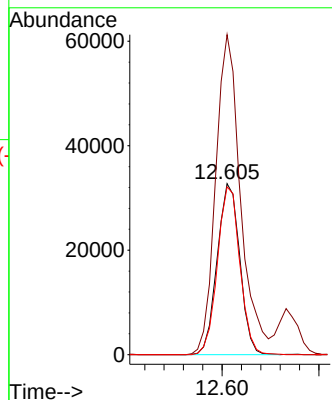
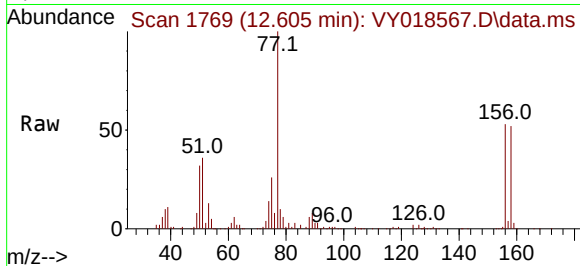




#77
Bromobenzene
Concen: 44.159 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

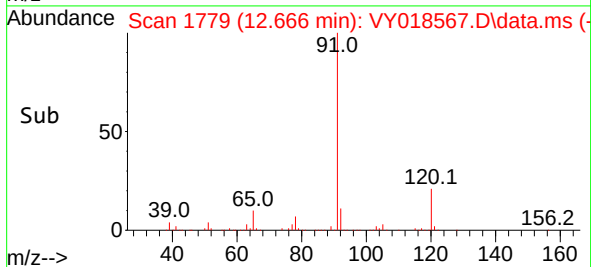
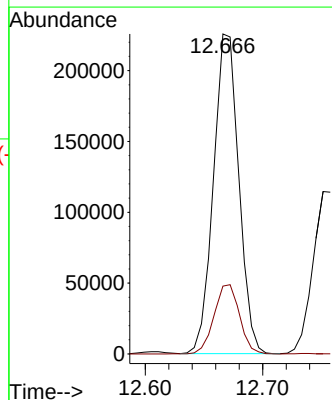
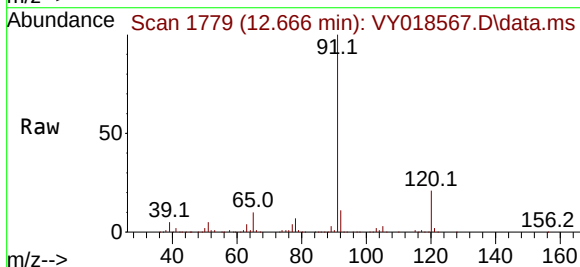
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

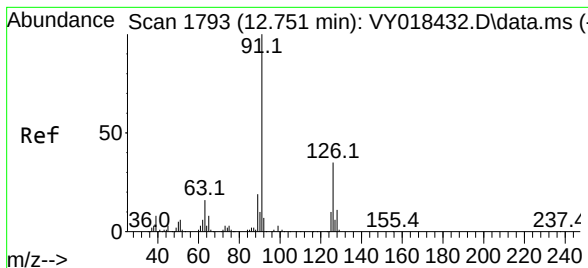
Tgt Ion:156 Resp: 53059
Ion Ratio Lower Upper
156 100
77 205.7 87.1 261.3
158 97.6 48.6 145.9



#78
n-propylbenzene
Concen: 49.801 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion: 91 Resp: 338251
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.049 ug/l

RT: 12.751 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

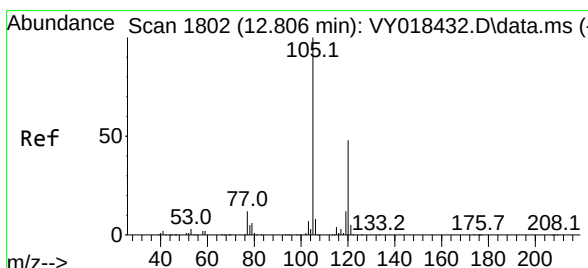
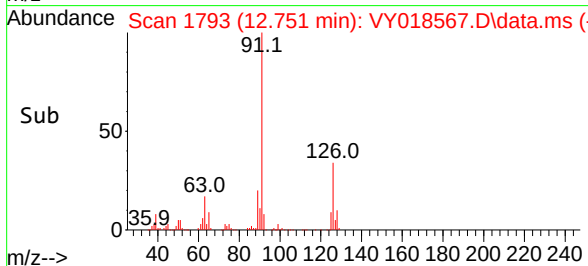
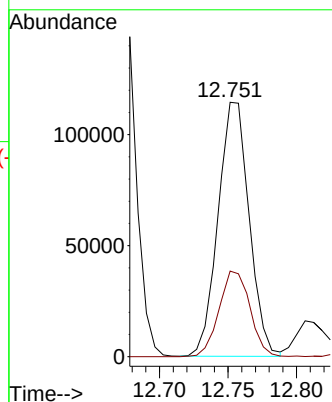
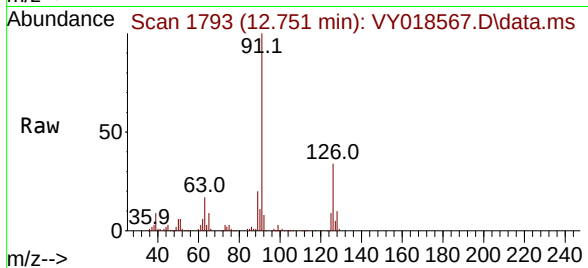
VSTDCCC050

Tgt Ion: 91 Resp: 181108

Ion Ratio Lower Upper

91 100

126 33.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 49.504 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY018567.D

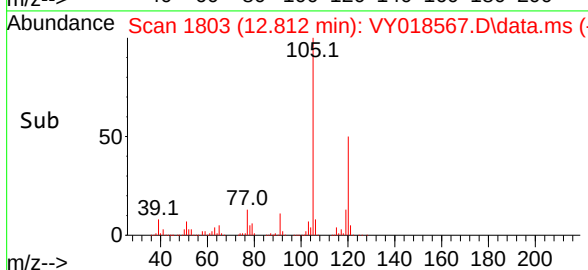
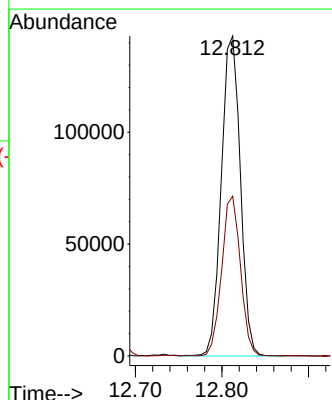
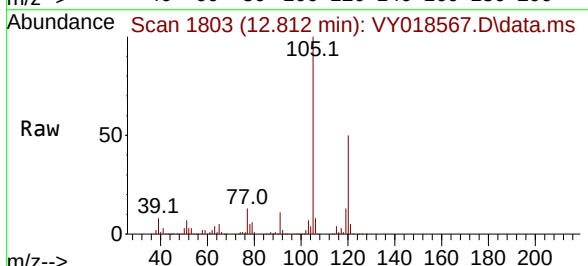
Acq: 12 Jun 2024 14:17

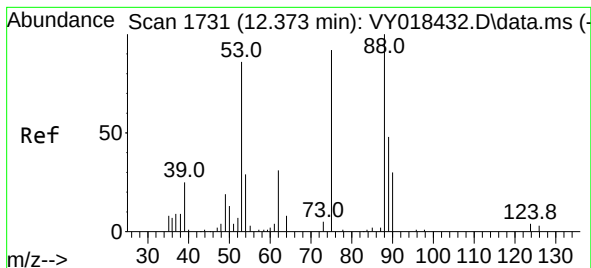
Tgt Ion: 105 Resp: 218190

Ion Ratio Lower Upper

105 100

120 49.2 25.1 75.2

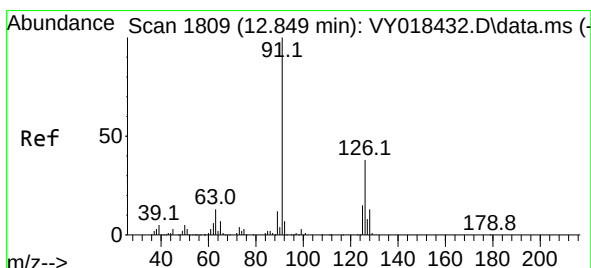
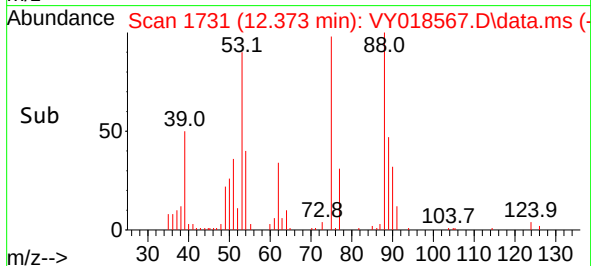
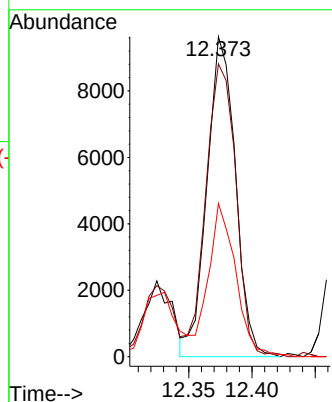
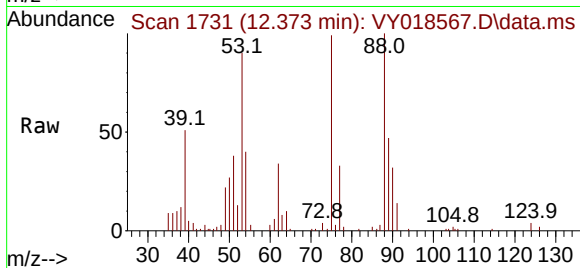




#81
trans-1,4-Dichloro-2-butene
Concen: 46.550 ug/l
RT: 12.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

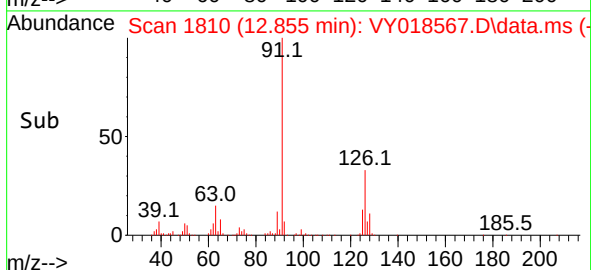
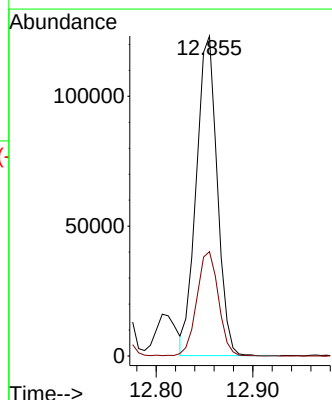
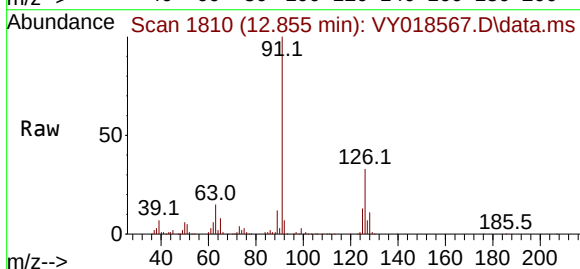
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

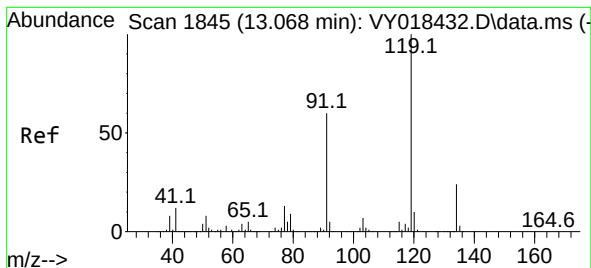
Tgt Ion:	75	Resp:	15067
Ion	Ratio	Lower	Upper
75	100		
53	97.2	66.8	100.2
89	46.6	35.8	53.6



#82
4-Chlorotoluene
Concen: 49.955 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion:	91	Resp:	185615
Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.6	52.9





#83

tert-Butylbenzene

Concen: 48.935 ug/l

RT: 13.075 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

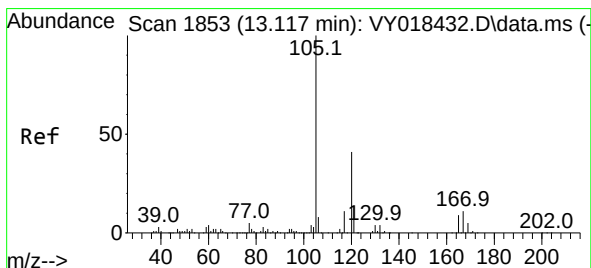
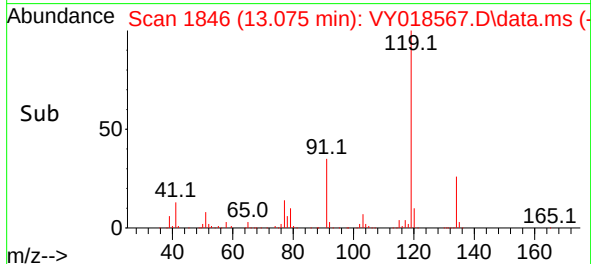
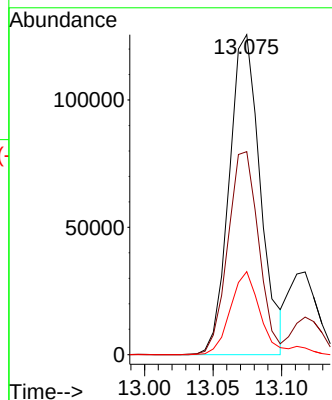
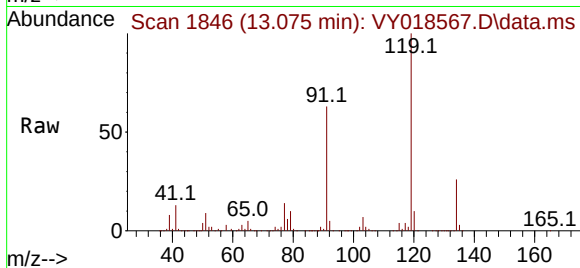
Tgt Ion:119 Resp: 199443

Ion Ratio Lower Upper

119 100

91 62.8 31.3 93.8

134 24.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 50.701 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018567.D

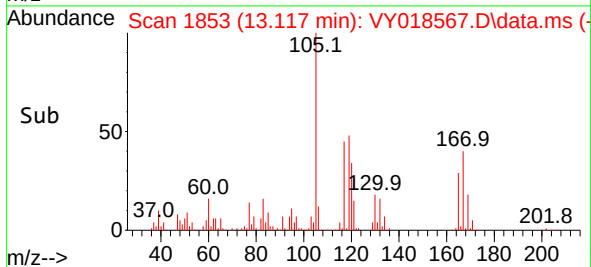
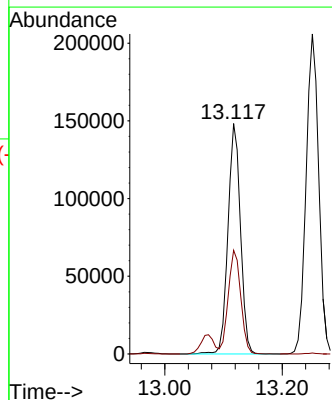
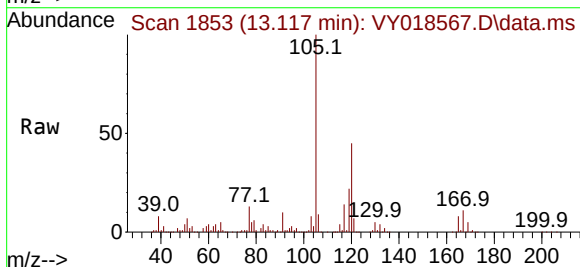
Acq: 12 Jun 2024 14:17

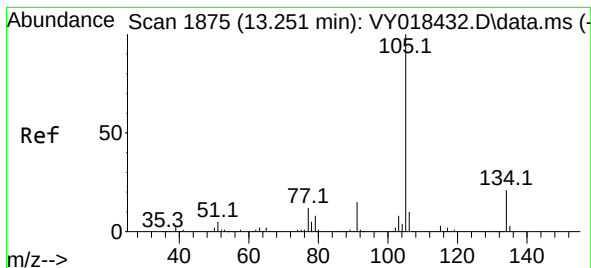
Tgt Ion:105 Resp: 218774

Ion Ratio Lower Upper

105 100

120 45.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 51.043 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

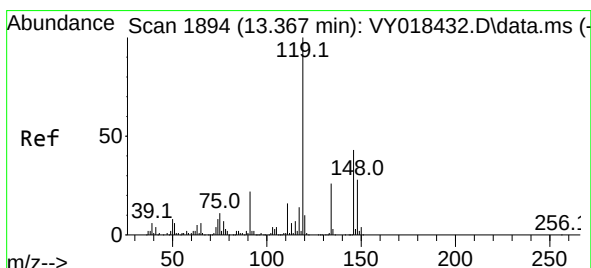
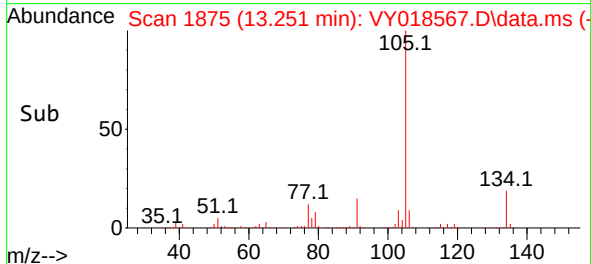
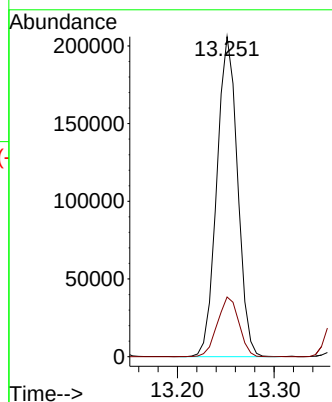
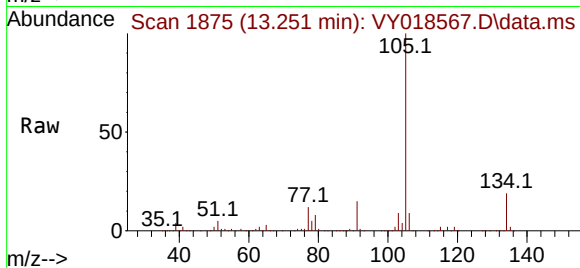
VSTDCCC050

Tgt Ion:105 Resp: 306370

Ion Ratio Lower Upper

105 100

134 19.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 51.723 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

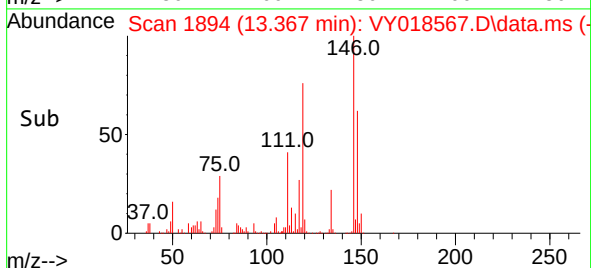
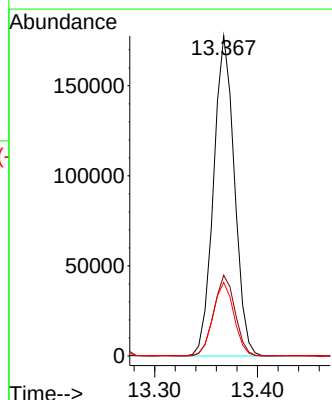
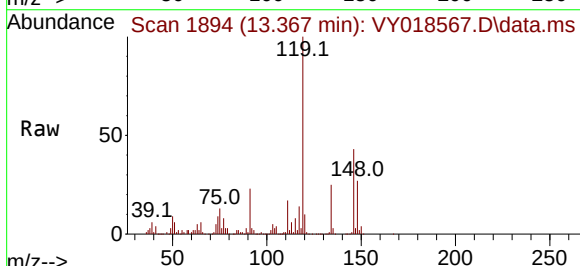
Tgt Ion:119 Resp: 250563

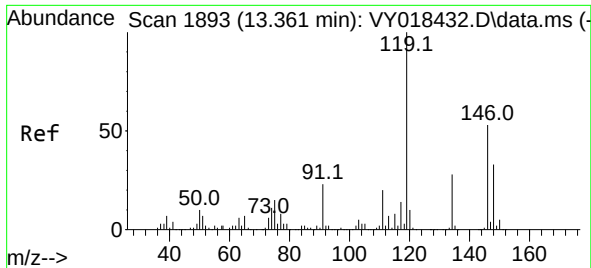
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

91 23.1 10.7 32.1

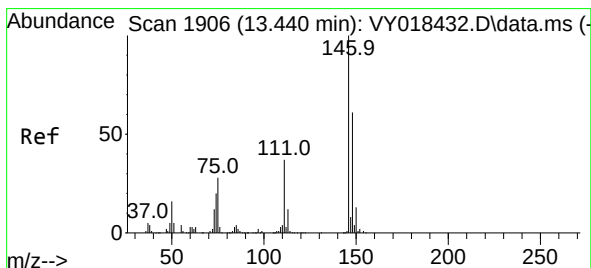
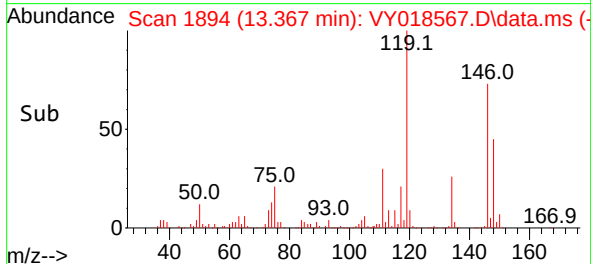
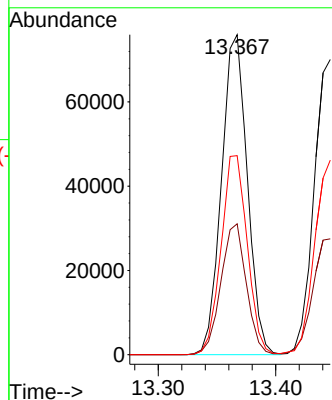
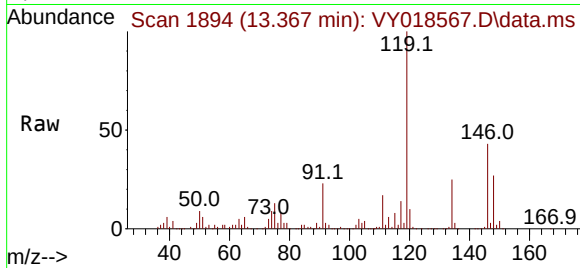




#87
 1,3-Dichlorobenzene
 Concen: 48.984 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY018567.D
 Acq: 12 Jun 2024 14:17

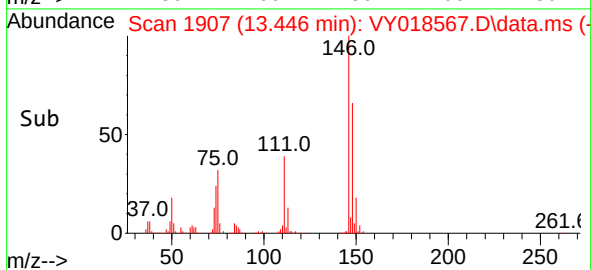
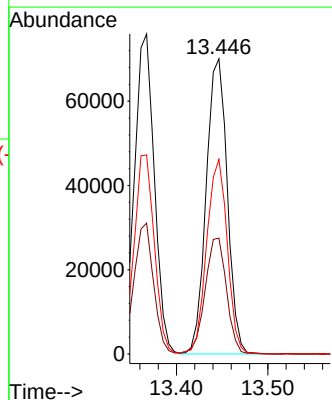
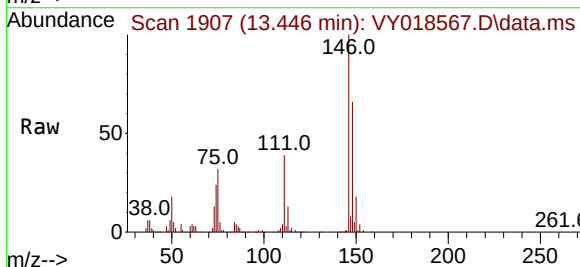
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

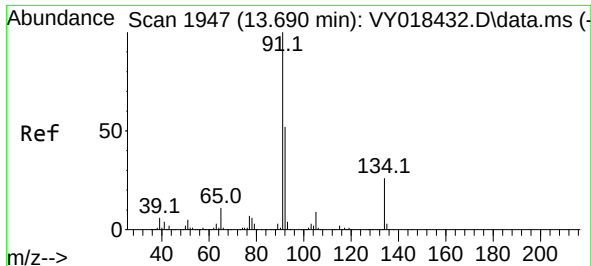
Tgt Ion:146 Resp: 116099
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.0 57.0
 148 63.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 48.215 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VY018567.D
 Acq: 12 Jun 2024 14:17

Tgt Ion:146 Resp: 112267
 Ion Ratio Lower Upper
 146 100
 111 40.1 18.4 55.4
 148 64.5 32.4 97.2

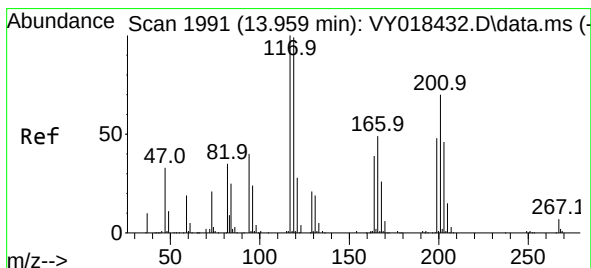
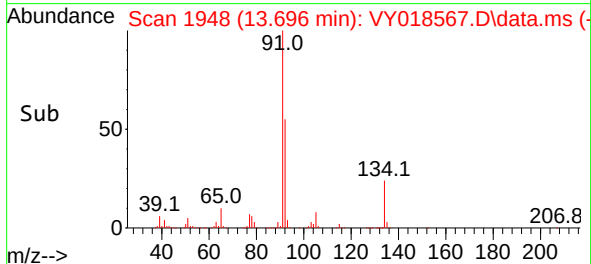
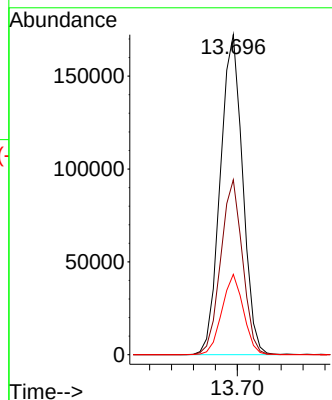
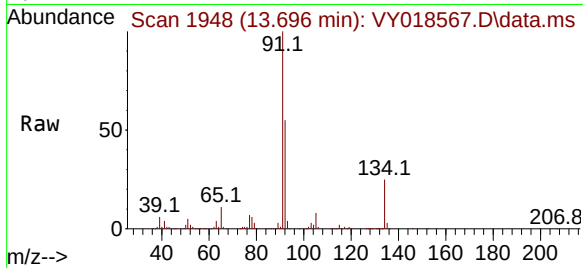




#89
n-Butylbenzene
Concen: 53.111 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

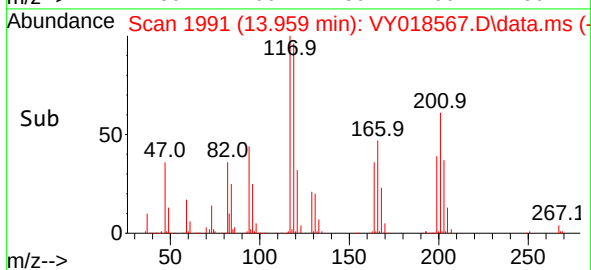
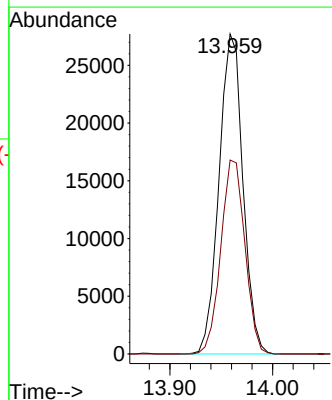
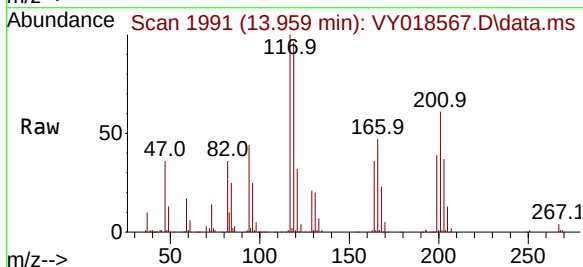
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

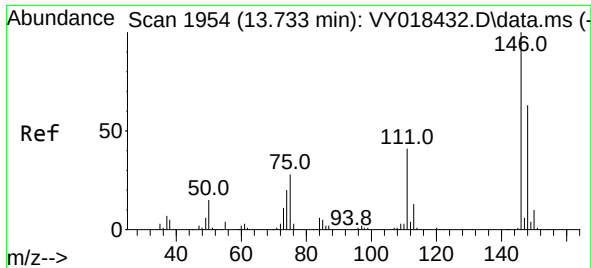
Tgt Ion: 91 Resp: 244490
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.7
134 24.1 12.9 38.7



#90
Hexachloroethane
Concen: 49.215 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY018567.D
Acq: 12 Jun 2024 14:17

Tgt Ion: 117 Resp: 44687
Ion Ratio Lower Upper
117 100
201 61.2 37.4 112.2

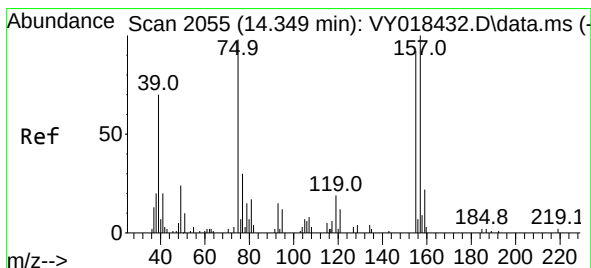
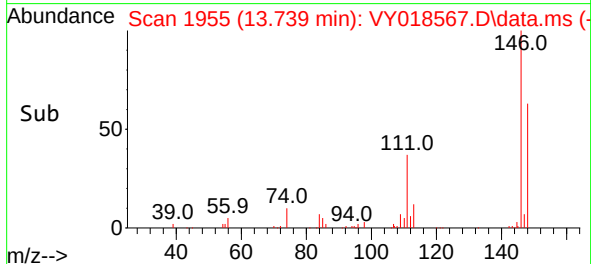
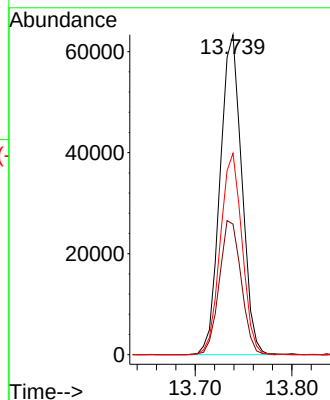
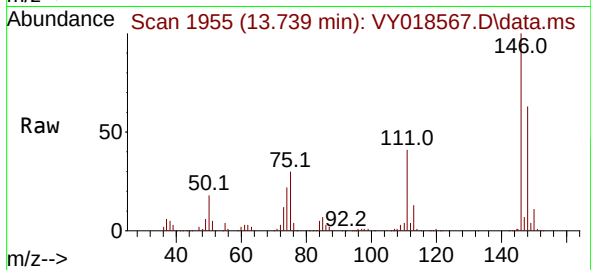




#91
 1,2-Dichlorobenzene
 Concen: 47.870 ug/l
 RT: 13.739 min Scan# 1954
 Delta R.T. 0.006 min
 Lab File: VY018567.D
 Acq: 12 Jun 2024 14:17

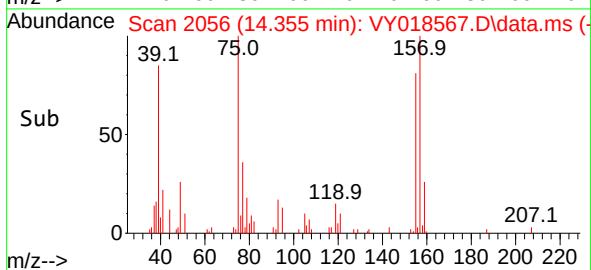
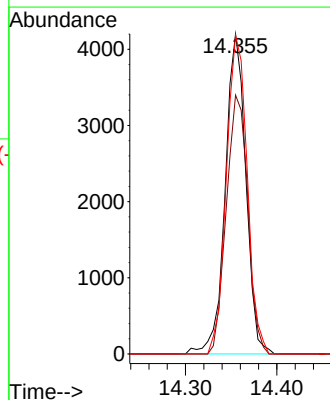
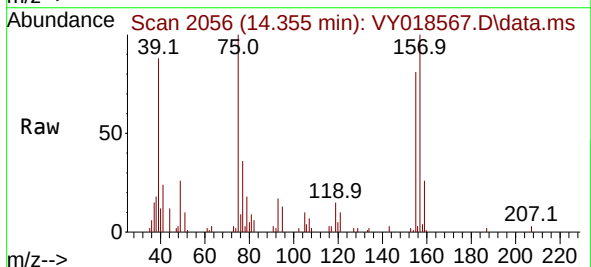
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

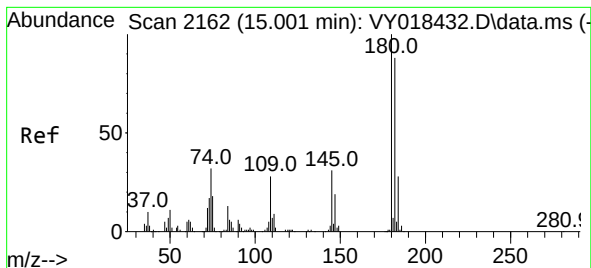
Tgt Ion:146 Resp: 98729
 Ion Ratio Lower Upper
 146 100
 111 42.3 19.9 59.7
 148 63.2 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.420 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.006 min
 Lab File: VY018567.D
 Acq: 12 Jun 2024 14:17

Tgt Ion: 75 Resp: 6582
 Ion Ratio Lower Upper
 75 100
 155 84.1 48.6 145.8
 157 100.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 45.674 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

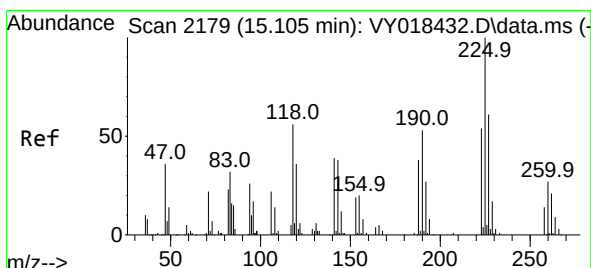
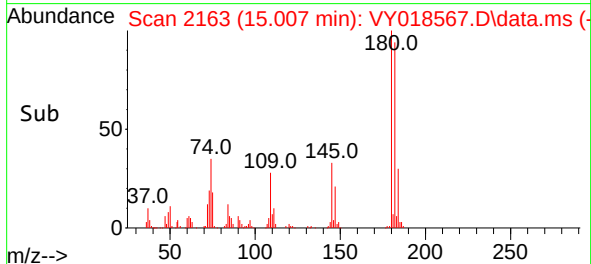
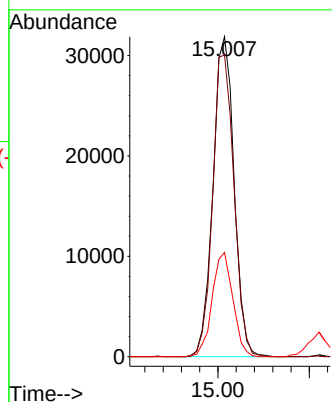
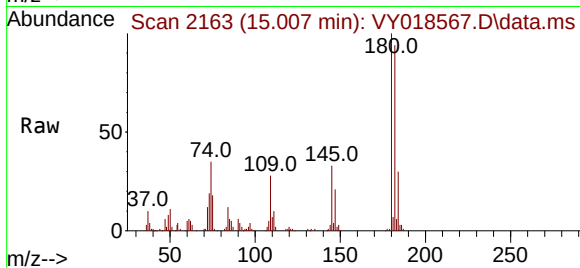
Tgt Ion:180 Resp: 50946

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.8

145 32.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 45.116 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

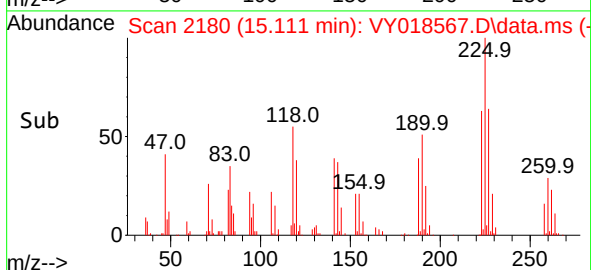
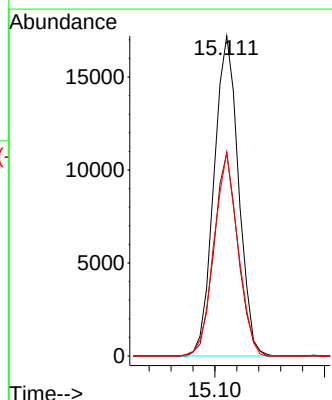
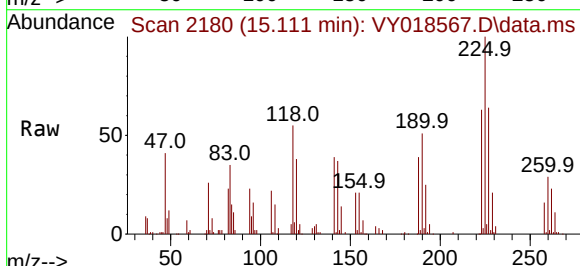
Tgt Ion:225 Resp: 26727

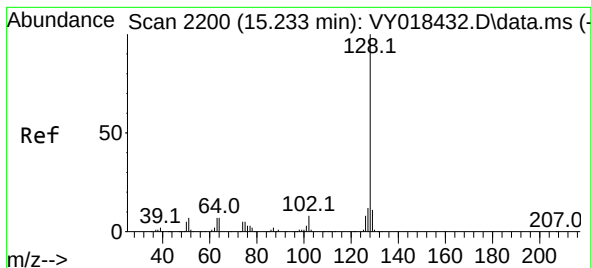
Ion Ratio Lower Upper

225 100

223 62.2 30.4 91.2

227 62.2 31.9 95.9





#95

Naphthalene

Concen: 46.416 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

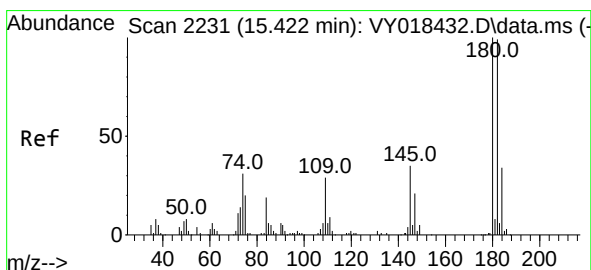
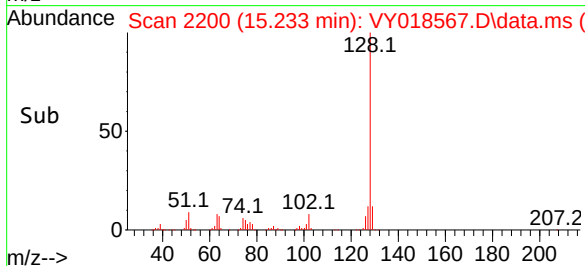
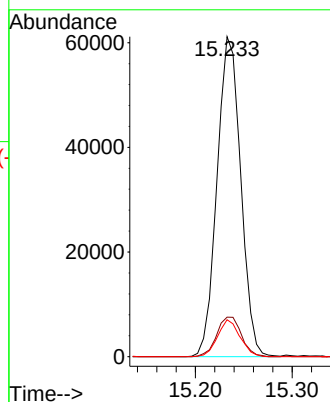
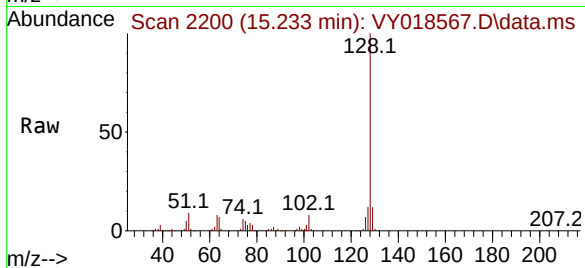
Tgt Ion:128 Resp: 103980

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 45.582 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018567.D

Acq: 12 Jun 2024 14:17

Tgt Ion:180 Resp: 43018

Ion Ratio Lower Upper

180 100

182 95.4 47.6 142.9

145 31.9 15.4 46.1

