

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017527.D
 Acq On : 29 Feb 2024 10:54
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 01 00:29:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	158423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	239532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	206904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97878	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73499	48.953	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.900%
35) Dibromofluoromethane	7.722	113	88083	52.772	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.540%
50) Toluene-d8	10.185	98	334559	57.328	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.660%
62) 4-Bromofluorobenzene	12.483	95	101253	55.207	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	51313	43.909	ug/l	96
3) Chloromethane	2.113	50	87992	41.210	ug/l	98
4) Vinyl Chloride	2.253	62	115458	42.149	ug/l	100
5) Bromomethane	2.656	94	90637	40.603	ug/l	99
6) Chloroethane	2.796	64	73772	42.691	ug/l	100
7) Trichlorofluoromethane	3.125	101	120330	43.101	ug/l	98
8) Diethyl Ether	3.528	74	34157	41.714	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	73391	45.702	ug/l	99
10) Methyl Iodide	4.094	142	86379	47.930	ug/l	99
11) Tert butyl alcohol	4.954	59	18717	146.758	ug/l #	83
12) 1,1-Dichloroethene	3.875	96	69467	46.418	ug/l	99
13) Acrolein	3.729	56	40375	239.927	ug/l	97
14) Allyl chloride	4.485	41	80725	44.642	ug/l	97
15) Acrylonitrile	5.161	53	67485	200.484	ug/l	100
16) Acetone	3.948	43	81870	281.132	ug/l	99
17) Carbon Disulfide	4.198	76	221522	49.315	ug/l	100
18) Methyl Acetate	4.479	43	27884	39.467	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	145198	41.626	ug/l	100
20) Methylene Chloride	4.722	84	77647	44.814	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	81433	46.473	ug/l	98
22) Diisopropyl ether	6.119	45	184788	44.284	ug/l	96
23) Vinyl Acetate	6.064	43	533969	214.745	ug/l	98
24) 1,1-Dichloroethane	6.021	63	127604	44.761	ug/l	99
25) 2-Butanone	6.990	43	98817	238.102	ug/l	97
26) 2,2-Dichloropropane	6.984	77	109904	45.854	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	89223	45.351	ug/l	98
28) Bromochloromethane	7.338	49	64301	57.272	ug/l	94
29) Tetrahydrofuran	7.350	42	50561	202.101	ug/l	100
30) Chloroform	7.509	83	135126	44.521	ug/l	99
31) Cyclohexane	7.789	56	113355	46.392	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	120692	45.802	ug/l	98
36) 1,1-Dichloropropene	7.923	75	109569	48.654	ug/l	99
37) Ethyl Acetate	7.076	43	36019	40.495	ug/l	98
38) Carbon Tetrachloride	7.905	117	109843	48.667	ug/l	98
39) Methylcyclohexane	9.191	83	137941	50.968	ug/l	97
40) Benzene	8.167	78	313826	46.924	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	16161	36.207	ug/l	91
42) 1,2-Dichloroethane	8.240	62	71386	43.748	ug/l	98
43) Isopropyl Acetate	8.277	43	65783	42.087	ug/l	99
44) Trichloroethene	8.941	130	89328	46.340	ug/l	99
45) 1,2-Dichloropropane	9.216	63	71805	45.128	ug/l	98
46) Dibromomethane	9.307	93	39990	43.915	ug/l	96
47) Bromodichloromethane	9.502	83	99423	44.966	ug/l	99
48) Methyl methacrylate	9.295	41	31436	43.451	ug/l	97
49) 1,4-Dioxane	9.301	88	8275	802.957	ug/l #	96
51) 4-Methyl-2-Pentanone	10.075	43	180540	207.250	ug/l	98
52) Toluene	10.246	92	200330	47.515	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	91594	44.631	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	113398	45.474	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	55269	42.748	ug/l	97
56) Ethyl methacrylate	10.514	69	63651	40.524	ug/l	97
57) 1,3-Dichloropropane	10.794	76	90765	43.178	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	186398	249.838	ug/l	99
59) 2-Hexanone	10.837	43	146451	244.756	ug/l	98
60) Dibromochloromethane	10.990	129	67868	44.372	ug/l	99
61) 1,2-Dibromoethane	11.093	107	52474	44.041	ug/l	100
64) Tetrachloroethene	10.721	164	87215	43.917	ug/l	98
65) Chlorobenzene	11.520	112	206855	47.102	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	76551	46.528	ug/l	99
67) Ethyl Benzene	11.599	91	375020	48.692	ug/l	97
68) m/p-Xylenes	11.703	106	296809	98.073	ug/l	100
69) o-Xylene	12.032	106	134976	48.073	ug/l	99
70) Styrene	12.050	104	223689	47.997	ug/l	99
71) Bromoform	12.209	173	40470	44.388	ug/l #	98
73) Isopropylbenzene	12.331	105	361054	49.652	ug/l	99
74) N-amyl acetate	12.148	43	55661	43.399	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	57750	46.248	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	71720	77.119	ug/l #	100
77) Bromobenzene	12.611	156	82261	46.713	ug/l	94
78) n-propylbenzene	12.672	91	433639	49.699	ug/l	99
79) 2-Chlorotoluene	12.758	91	232066	47.505	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	287658	49.376	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	17801	43.982	ug/l	96
82) 4-Chlorotoluene	12.855	91	235789	47.190	ug/l	97
83) tert-Butylbenzene	13.081	119	256824	50.202	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	280940	48.846	ug/l	100
85) sec-Butylbenzene	13.257	105	388698	49.697	ug/l	100
86) p-Isopropyltoluene	13.373	119	315837	49.329	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	163390	46.225	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	157264	45.764	ug/l	100
89) n-Butylbenzene	13.696	91	283576	48.544	ug/l	99
90) Hexachloroethane	13.965	117	61446	47.869	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	137662	46.044	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6950	39.591	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	68735	43.524	ug/l	100
94) Hexachlorobutadiene	15.111	225	43299	44.408	ug/l	97
95) Naphthalene	15.239	128	111736	37.570	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	57457	42.410	ug/l	98

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QLast Update : Sat Feb 24 04:41:20 2024
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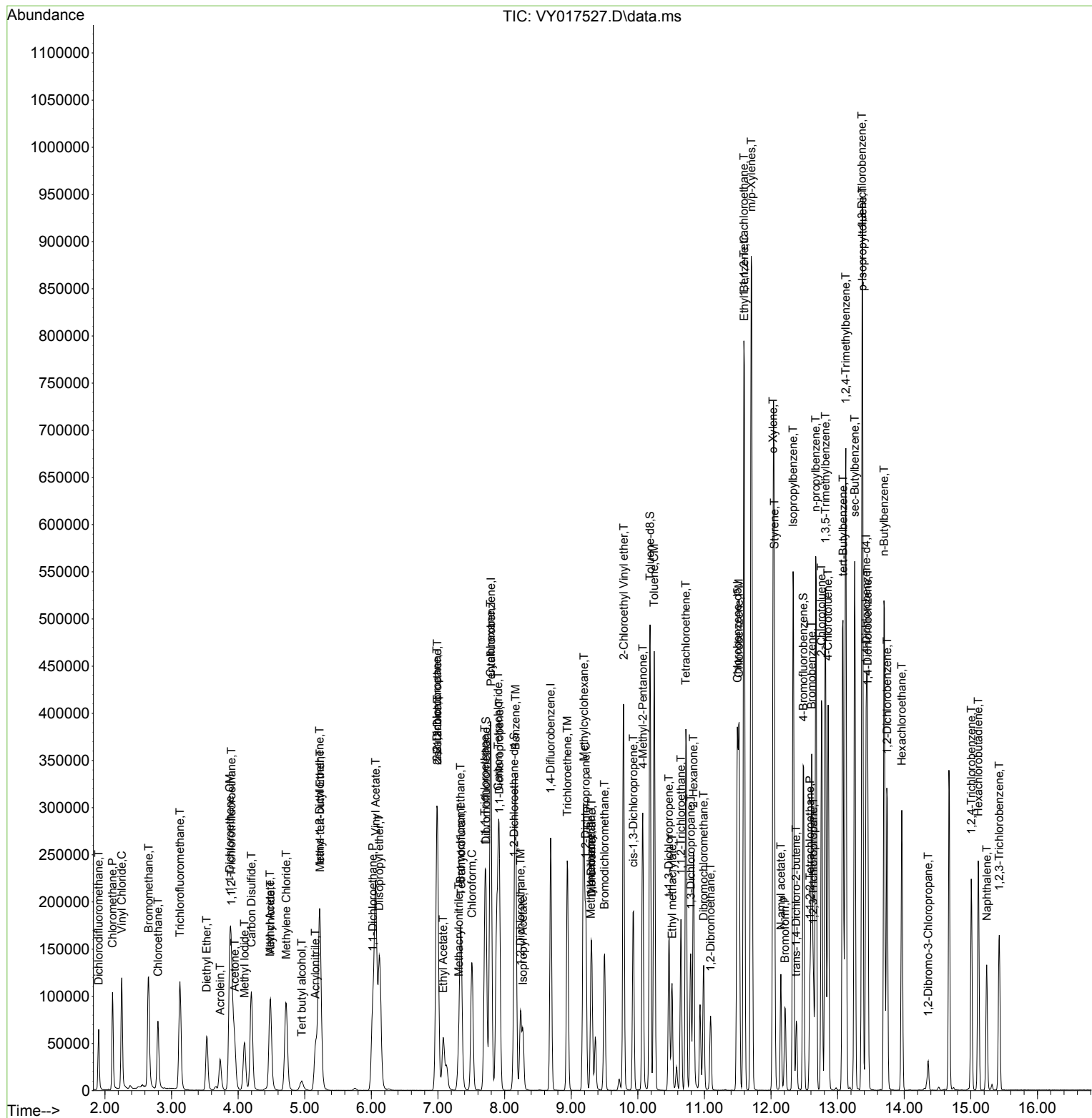
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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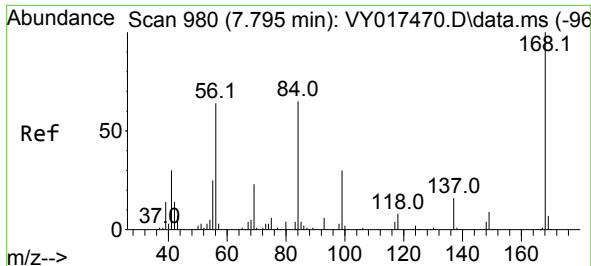
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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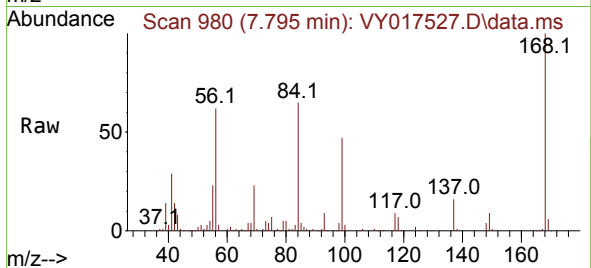
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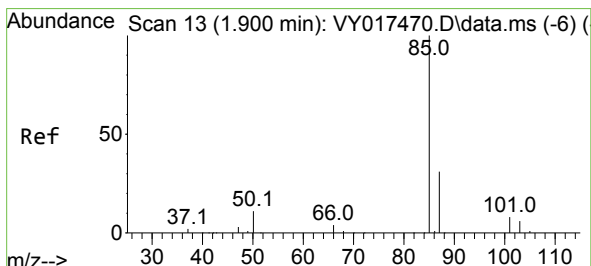
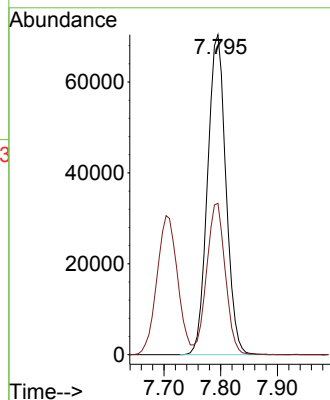
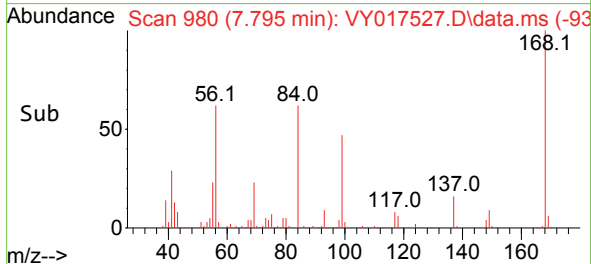


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
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VSTDCCC050EC

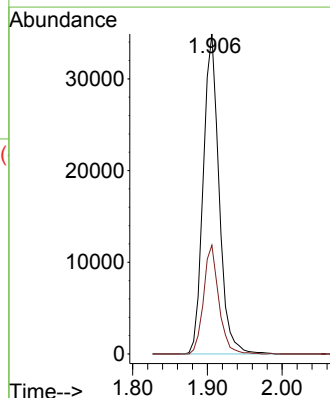
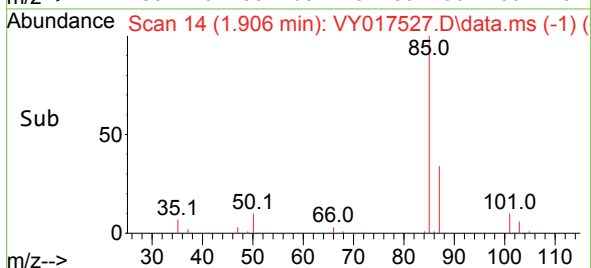
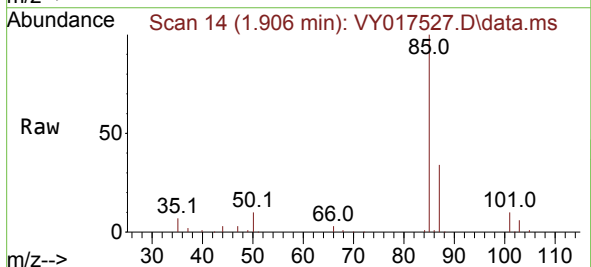


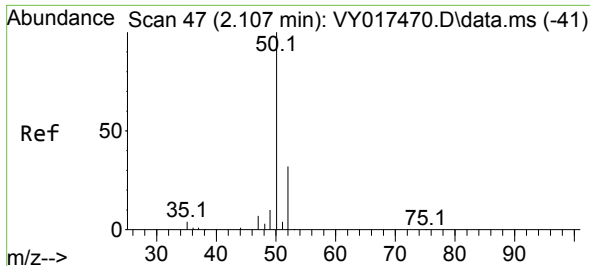
Tgt Ion:168 Resp: 158423
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 43.909 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 85 Resp: 51313
Ion Ratio Lower Upper
85 100
87 34.0 16.0 48.0

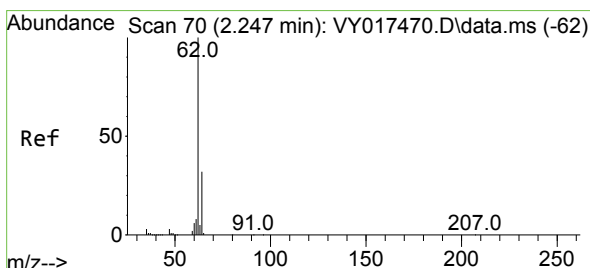
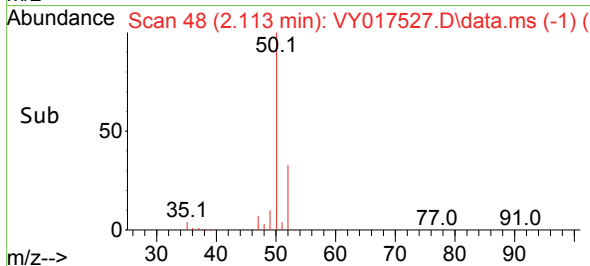
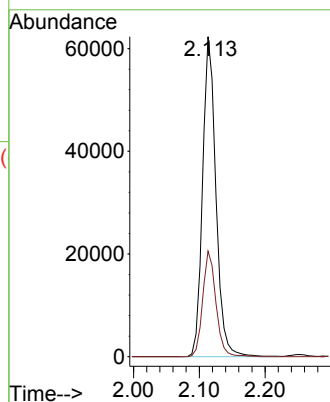
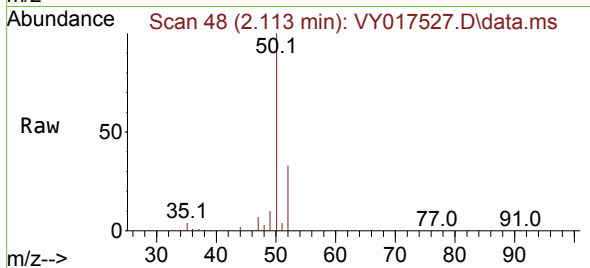




#3
Chloromethane
Concen: 41.210 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

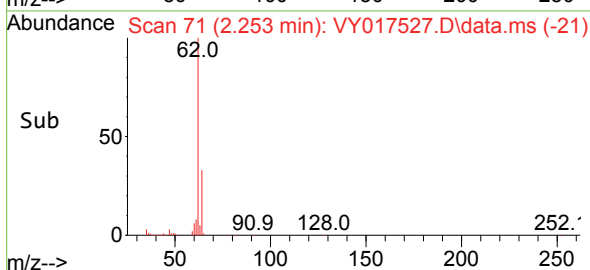
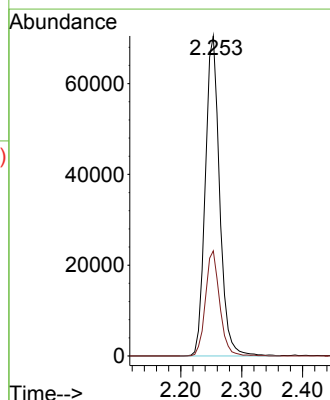
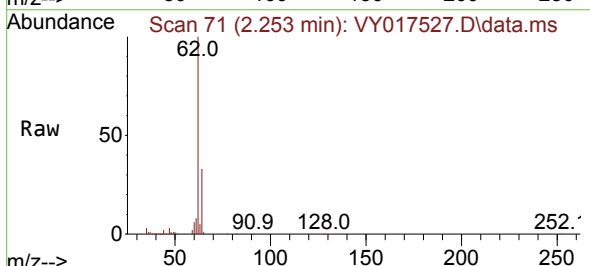
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VSTDCCC050EC

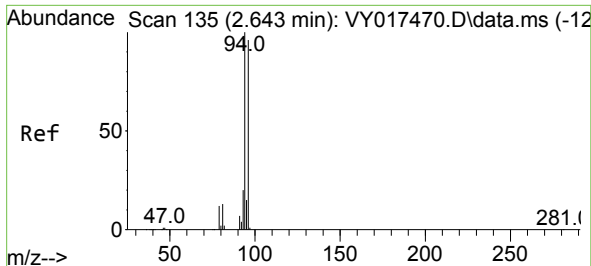
Tgt Ion: 50 Resp: 87992
Ion Ratio Lower Upper
50 100
52 33.0 25.6 38.4



#4
Vinyl Chloride
Concen: 42.149 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 62 Resp: 115458
Ion Ratio Lower Upper
62 100
64 32.8 26.1 39.1

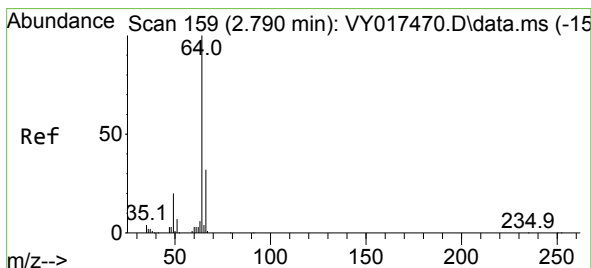
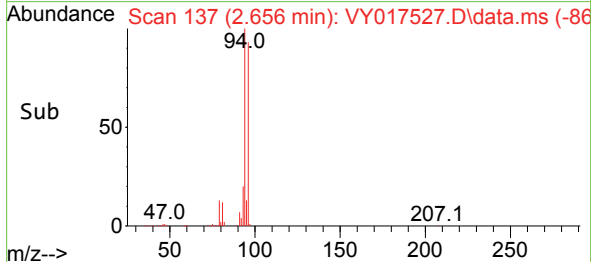
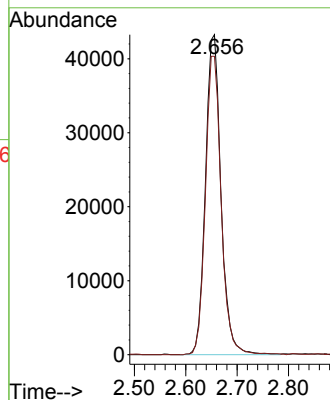
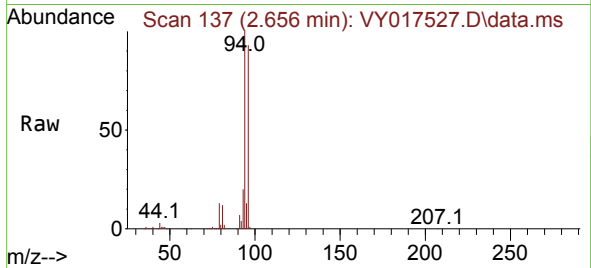




#5
Bromomethane
Concen: 40.603 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017527.D
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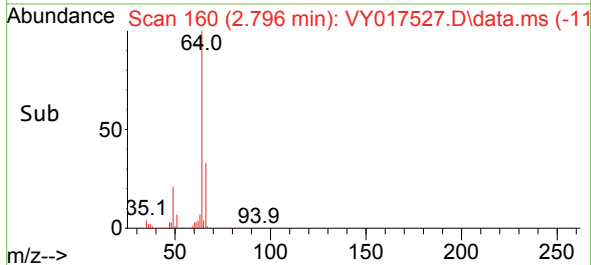
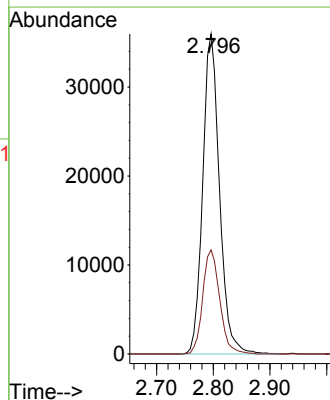
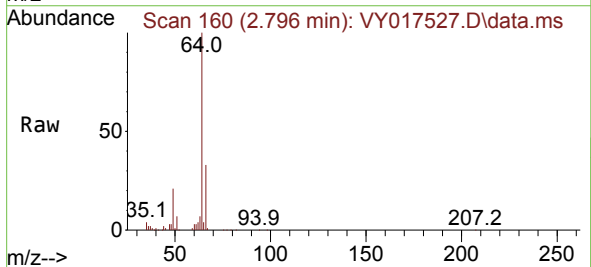
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Tgt Ion: 94 Resp: 90637
Ion Ratio Lower Upper
94 100
96 93.3 74.1 111.1



#6
Chloroethane
Concen: 42.691 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 64 Resp: 73772
Ion Ratio Lower Upper
64 100
66 32.5 26.1 39.1

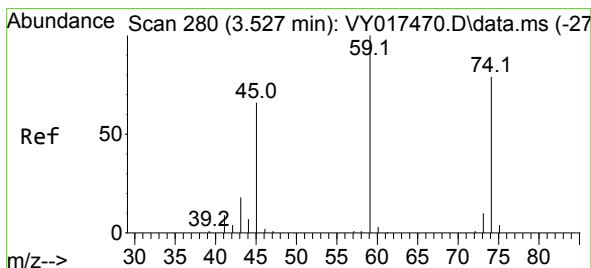
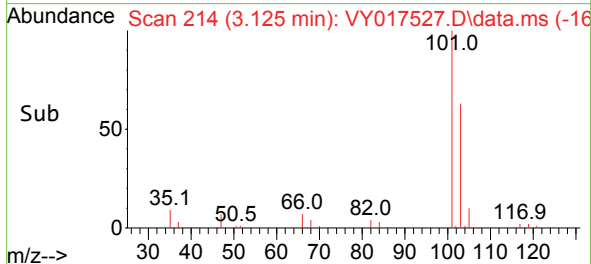
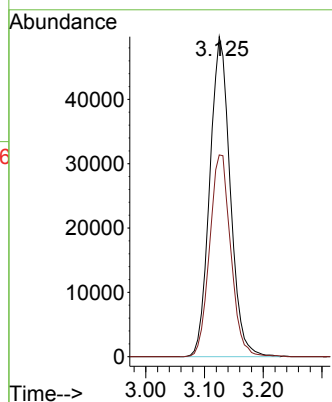
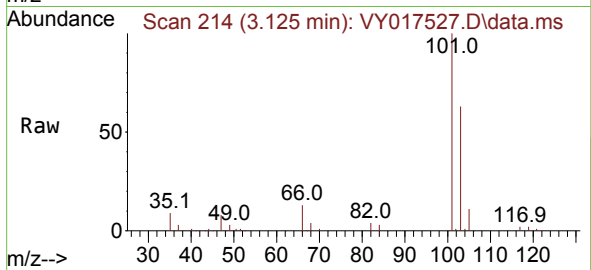




#7
Trichlorofluoromethane
Concen: 43.101 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

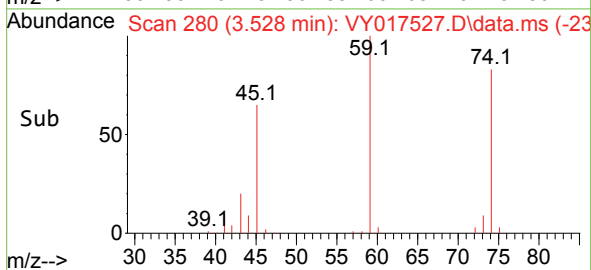
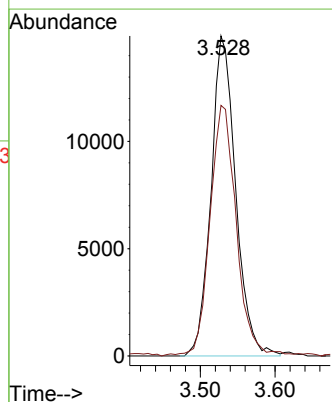
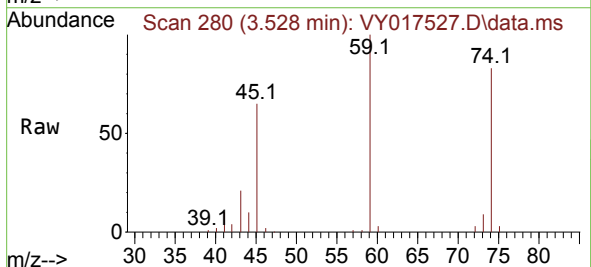
Instrument :
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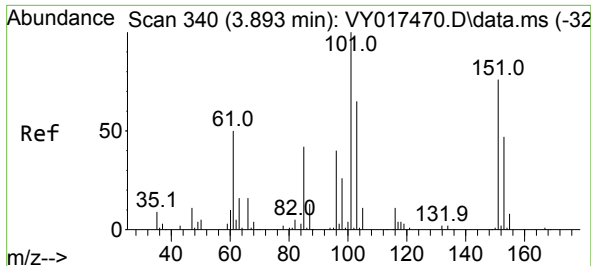
Tgt Ion:101 Resp: 120330
Ion Ratio Lower Upper
101 100
103 63.0 49.3 73.9



#8
Diethyl Ether
Concen: 41.714 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 74 Resp: 34157
Ion Ratio Lower Upper
74 100
45 83.7 41.3 124.1

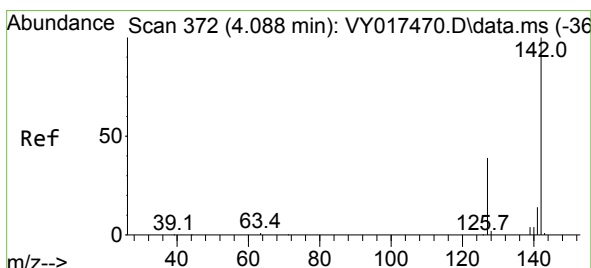
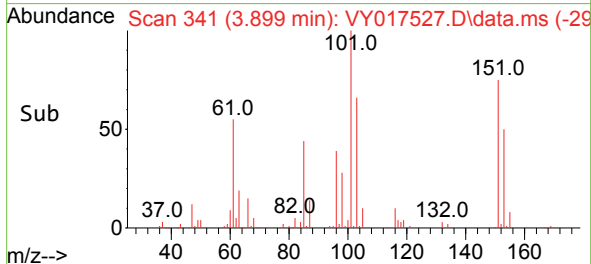
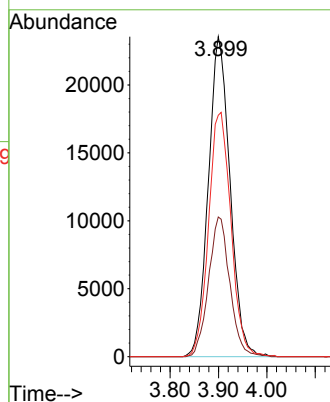
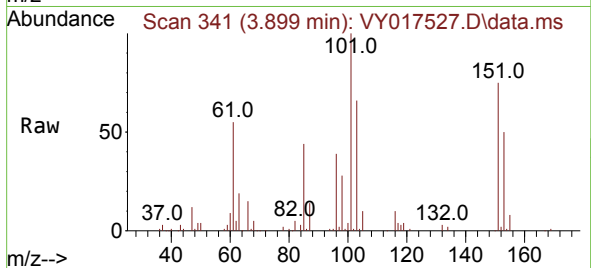




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.702 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

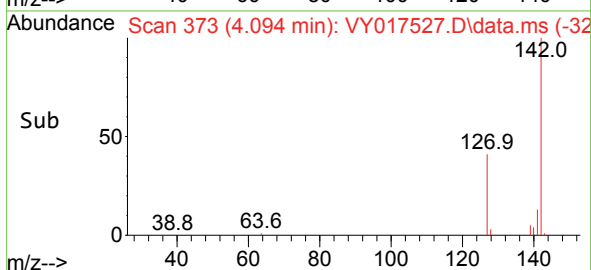
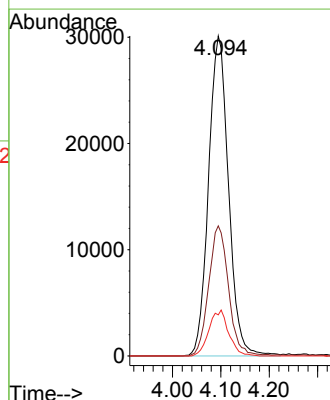
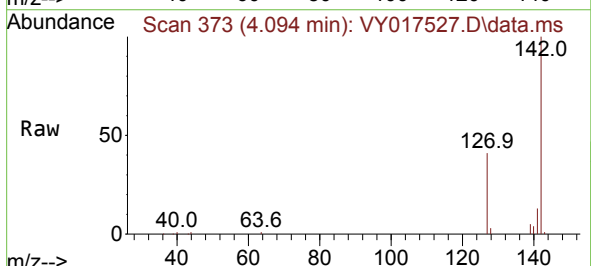
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

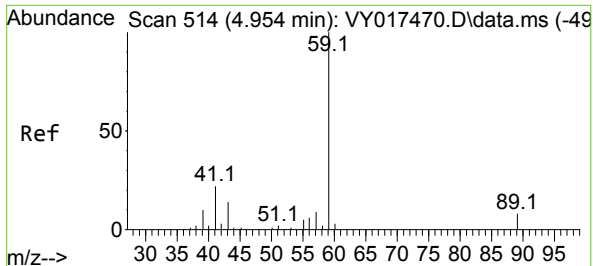
Tgt Ion:101 Resp: 73391
Ion Ratio Lower Upper
101 100
85 42.8 34.5 51.7
151 78.8 61.7 92.5



#10
Methyl Iodide
Concen: 47.930 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion:142 Resp: 86379
Ion Ratio Lower Upper
142 100
127 40.3 32.8 49.2
141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 146.758 ug/l

RT: 4.954 min Scan# 514

Delta R.T. 0.000 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

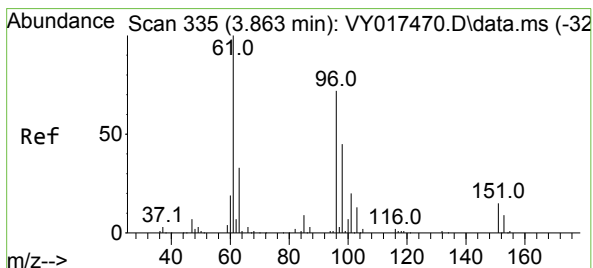
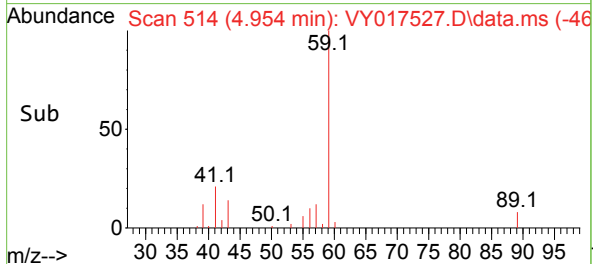
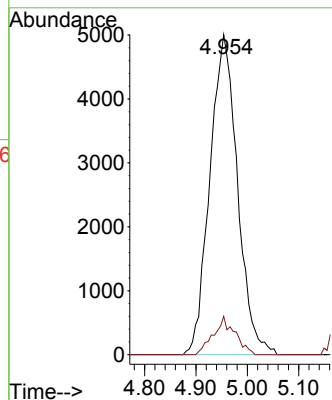
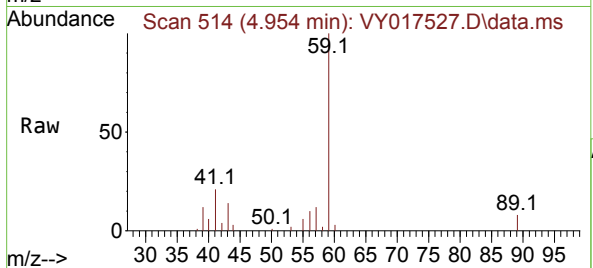
VSTDCCC050EC

Tgt Ion: 59 Resp: 18717

Ion Ratio Lower Upper

59 100

57 9.3 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 46.418 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.012 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

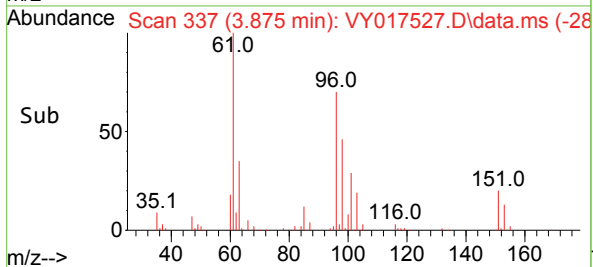
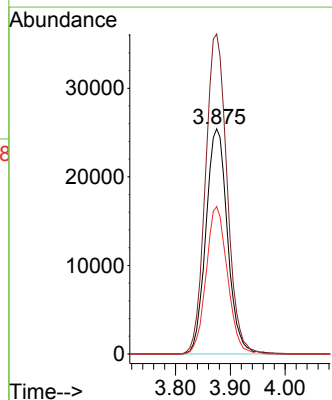
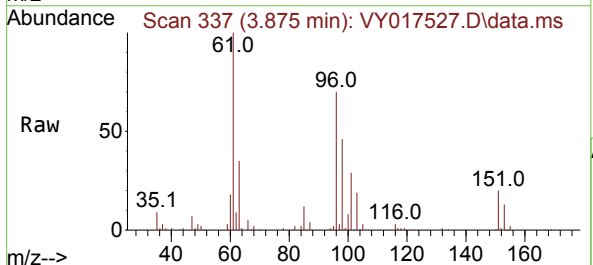
Tgt Ion: 96 Resp: 69467

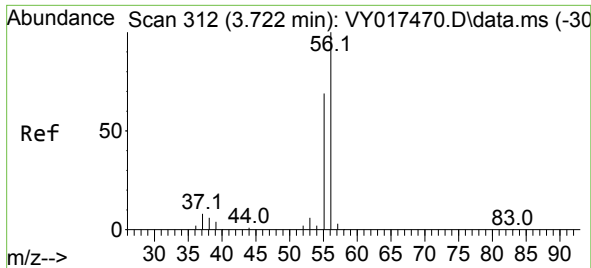
Ion Ratio Lower Upper

96 100

61 142.1 114.6 171.8

98 65.5 50.8 76.2





#13

Acrolein

Concen: 239.927 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

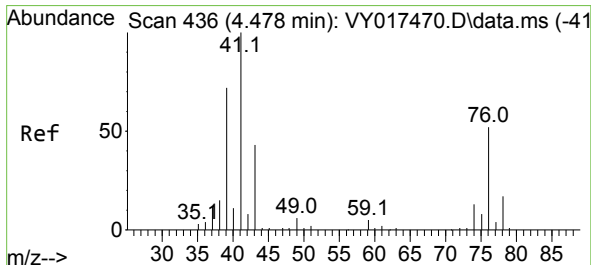
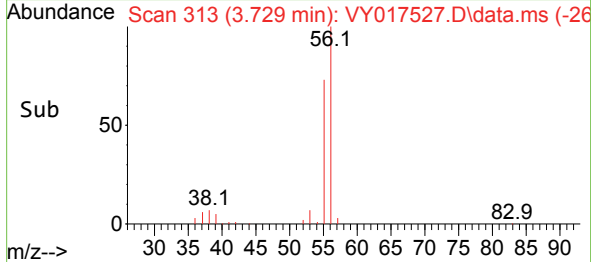
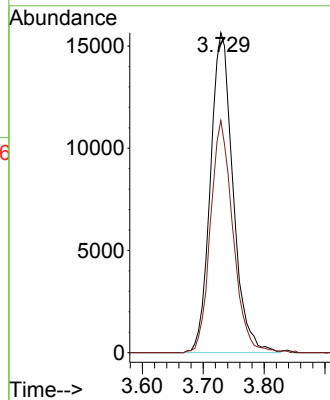
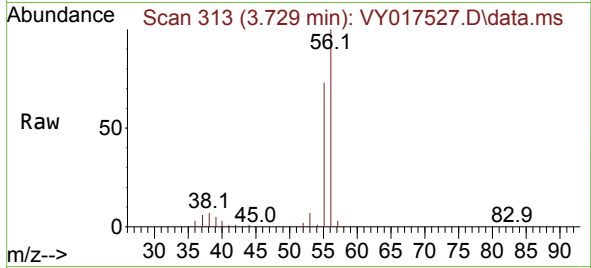
VSTDCCC050EC

Tgt Ion: 56 Resp: 40375

Ion Ratio Lower Upper

56 100

55 72.3 55.7 83.5



#14

Allyl chloride

Concen: 44.642 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

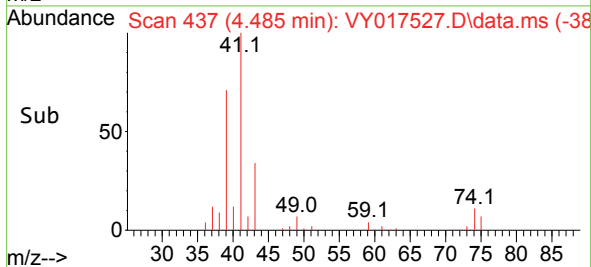
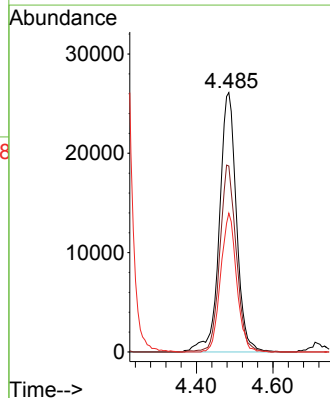
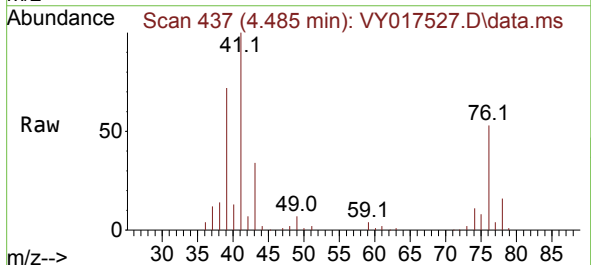
Tgt Ion: 41 Resp: 80725

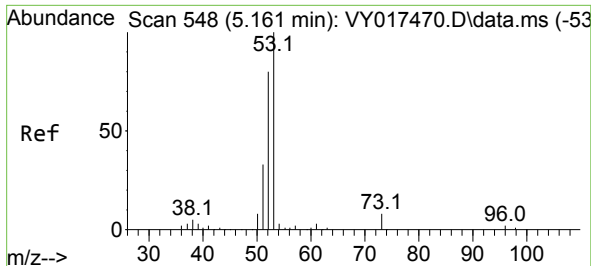
Ion Ratio Lower Upper

41 100

39 69.5 58.3 87.5

76 50.2 39.0 58.6

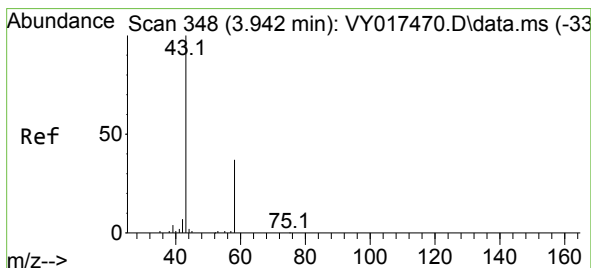
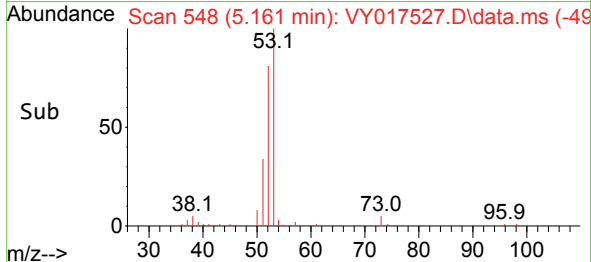
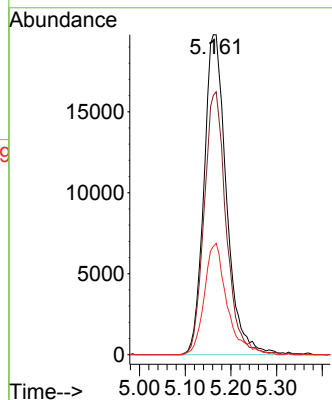
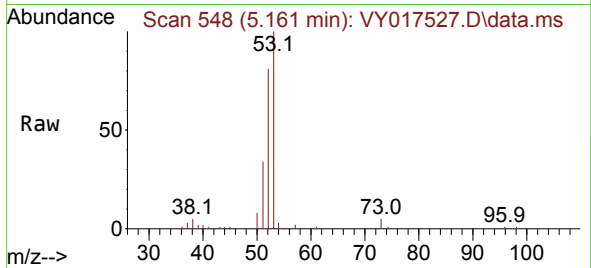




#15
Acrylonitrile
Concen: 200.484 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

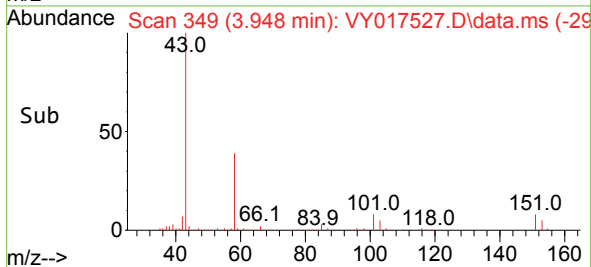
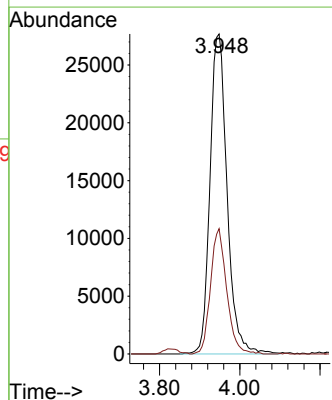
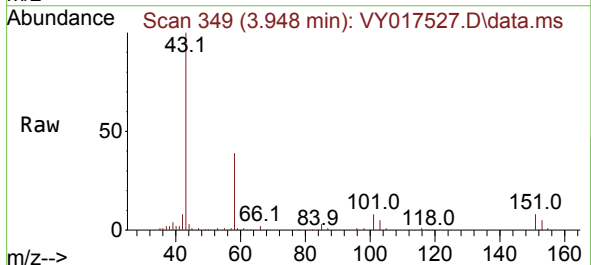
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

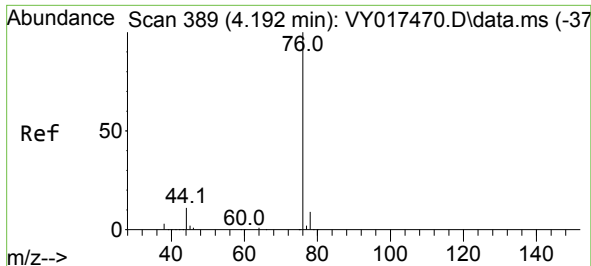
Tgt Ion: 53 Resp: 67485
Ion Ratio Lower Upper
53 100
52 80.5 64.7 97.1
51 35.3 28.4 42.6



#16
Acetone
Concen: 281.132 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 43 Resp: 81870
Ion Ratio Lower Upper
43 100
58 38.9 31.7 47.5

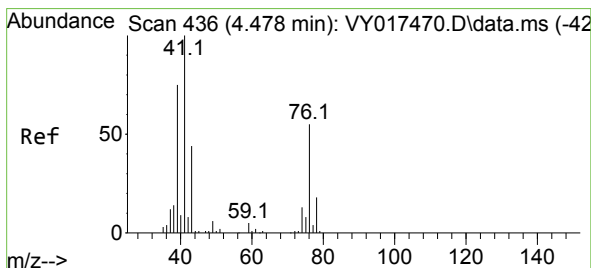
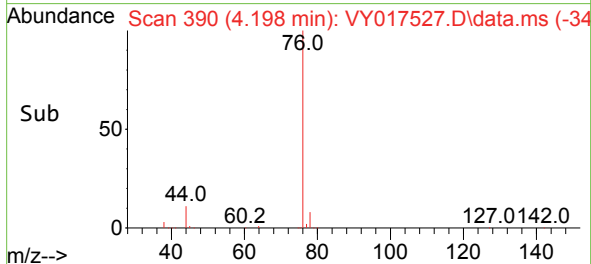
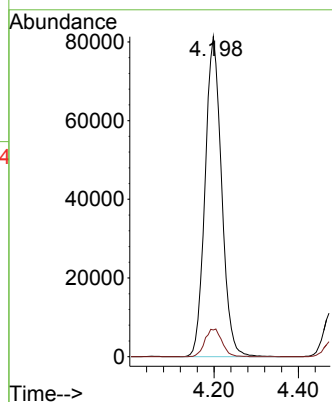
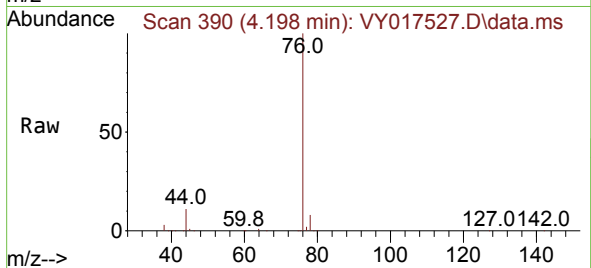




#17
Carbon Disulfide
Concen: 49.315 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

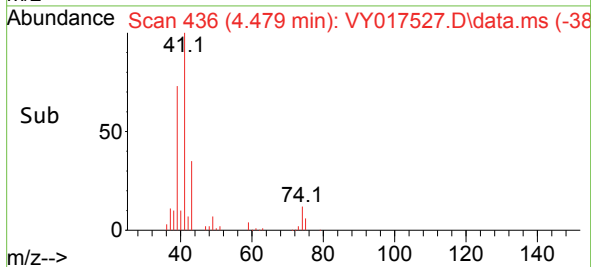
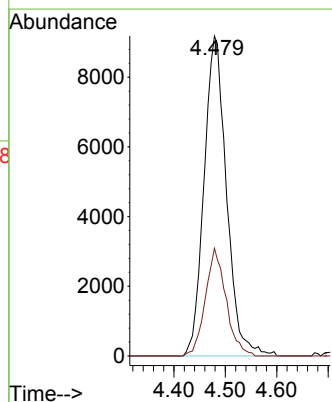
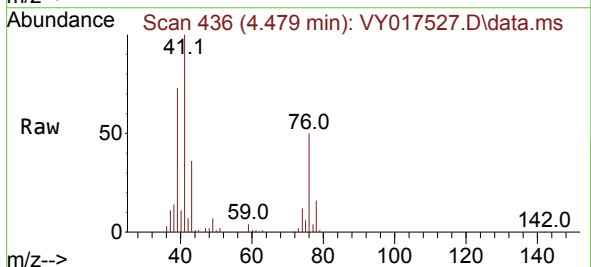
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 221522
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 39.467 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 43 Resp: 27884
Ion Ratio Lower Upper
43 100
74 31.0 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 41.626 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

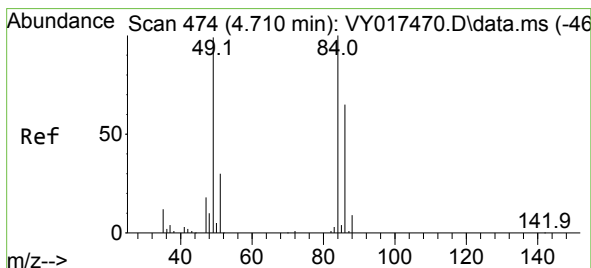
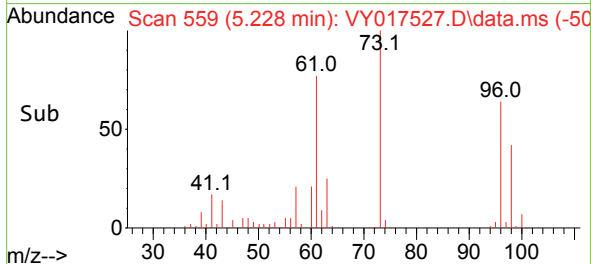
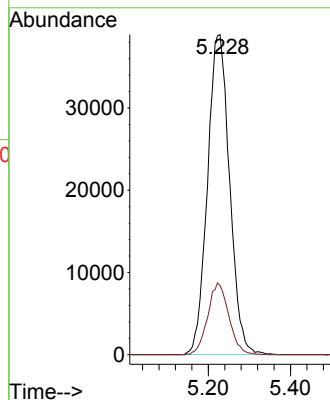
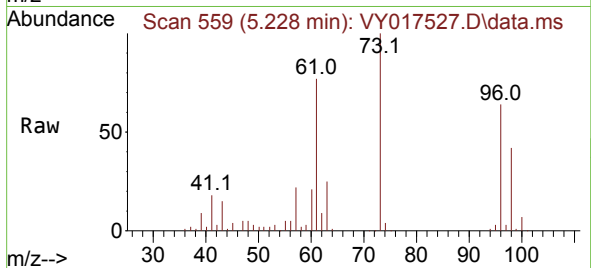
VSTDCCC050EC

Tgt Ion: 73 Resp: 145198

Ion Ratio Lower Upper

73 100

57 21.6 17.3 25.9



#20

Methylene Chloride

Concen: 44.814 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.012 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

Tgt Ion: 84 Resp: 77647

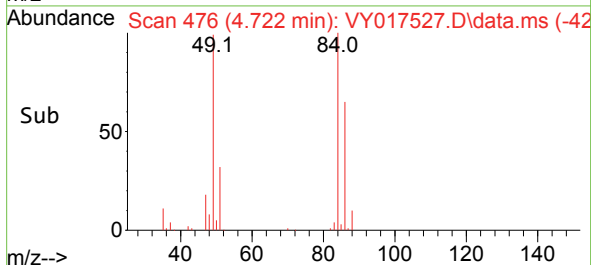
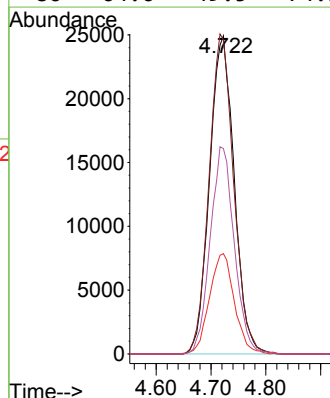
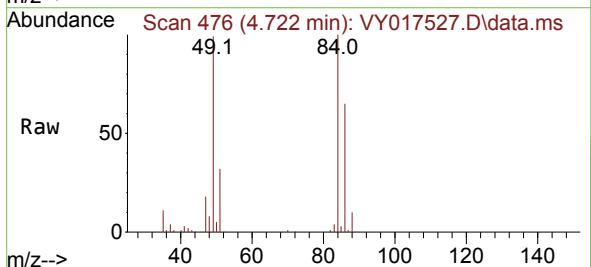
Ion Ratio Lower Upper

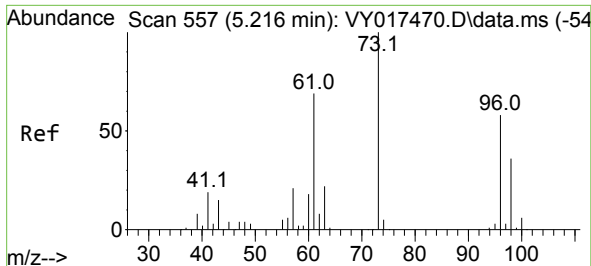
84 100

49 98.7 84.4 126.6

51 31.5 26.0 39.0

86 64.6 49.5 74.3

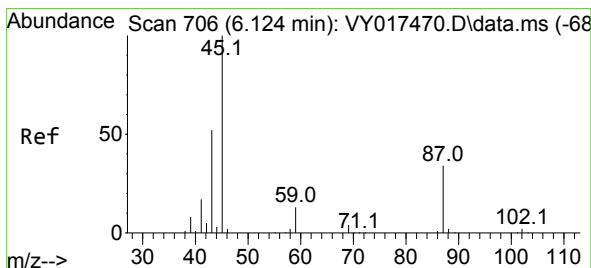
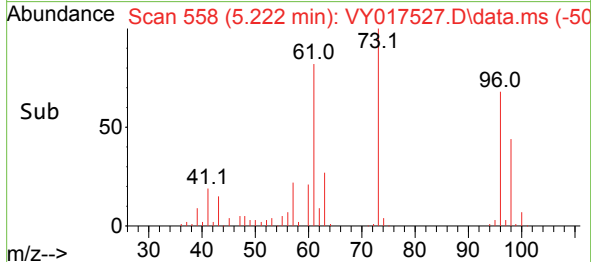
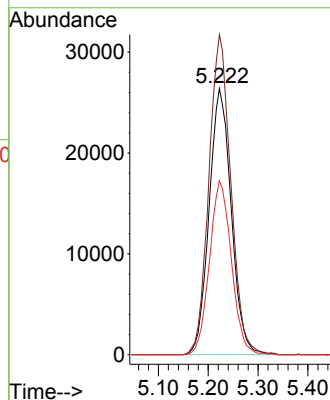
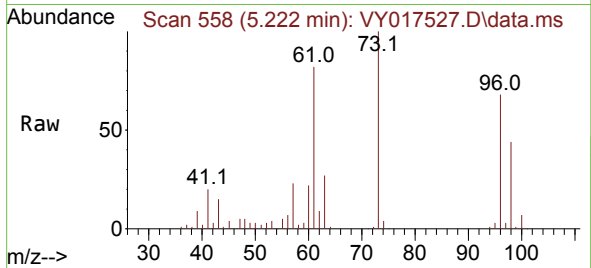




#21
trans-1,2-Dichloroethene
Concen: 46.473 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

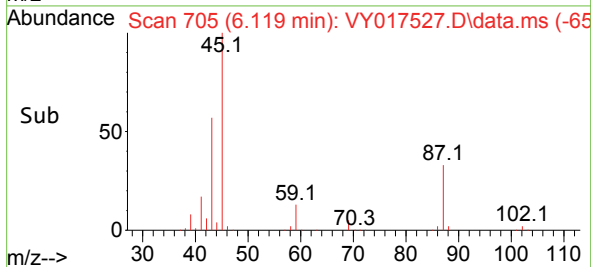
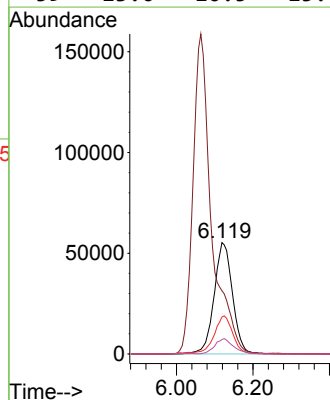
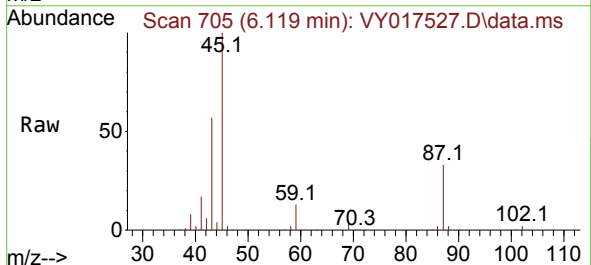
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

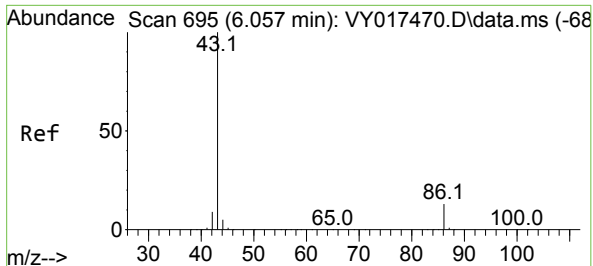
Tgt Ion: 96 Resp: 81433
Ion Ratio Lower Upper
96 100
61 120.2 97.5 146.3
98 65.3 50.5 75.7



#22
Diisopropyl ether
Concen: 44.284 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 45 Resp: 184788
Ion Ratio Lower Upper
45 100
43 56.2 42.2 63.2
87 33.3 25.0 37.6
59 13.0 10.5 15.7

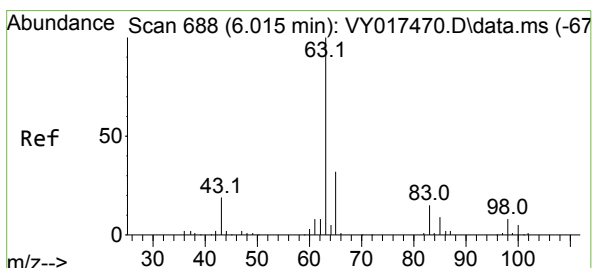
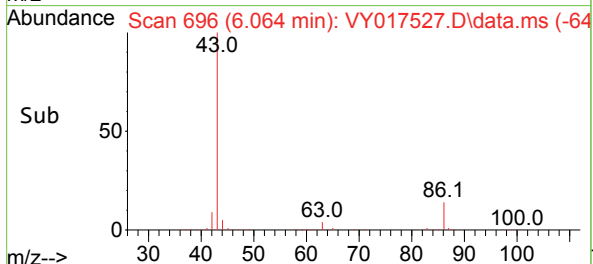
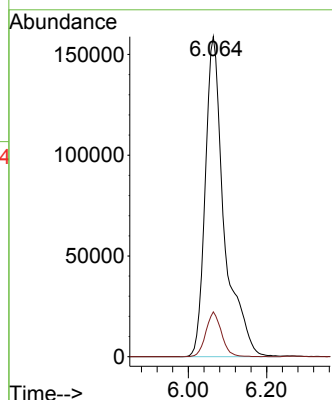
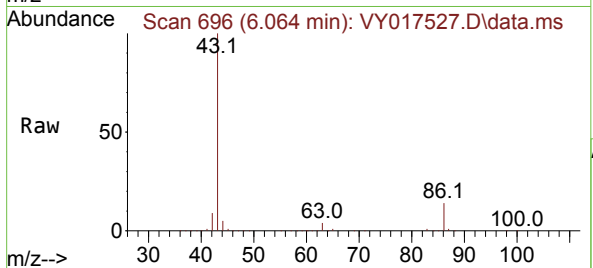




#23
 Vinyl Acetate
 Concen: 214.745 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY017527.D
 Acq: 29 Feb 2024 10:54

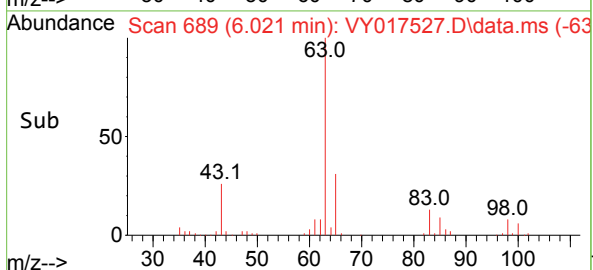
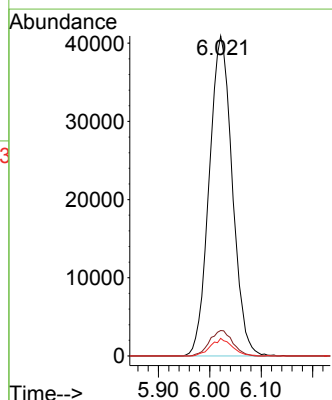
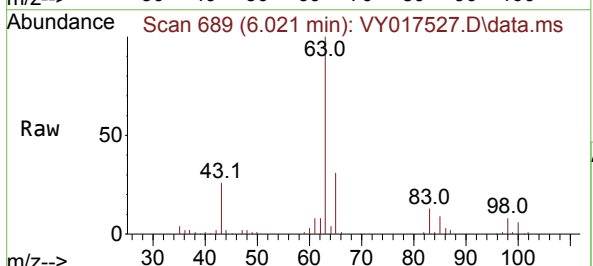
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 533969
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 44.761 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY017527.D
 Acq: 29 Feb 2024 10:54

Tgt Ion: 63 Resp: 127604
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.2
 100 5.5 2.6 8.0





#25

2-Butanone

Concen: 238.102 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

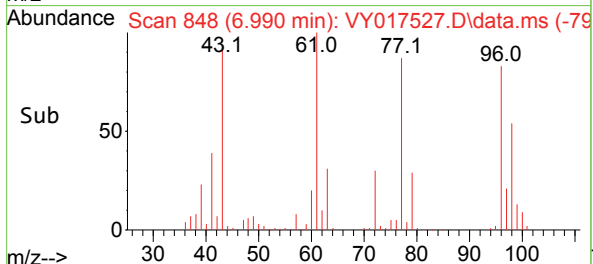
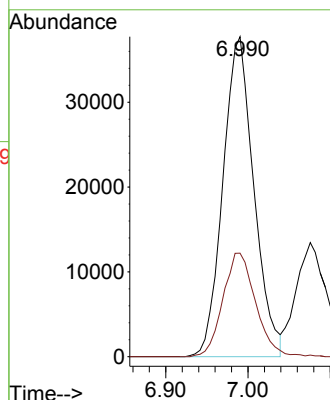
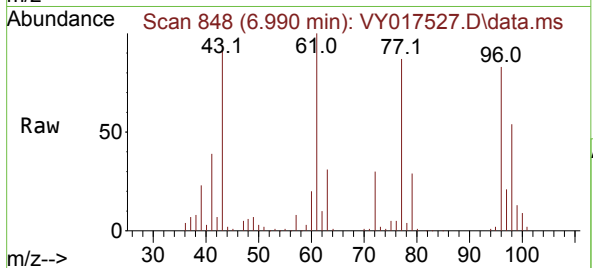
VSTDCCC050EC

Tgt Ion: 43 Resp: 98817

Ion Ratio Lower Upper

43 100

72 32.4 27.3 40.9



#26

2,2-Dichloropropane

Concen: 45.854 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017527.D

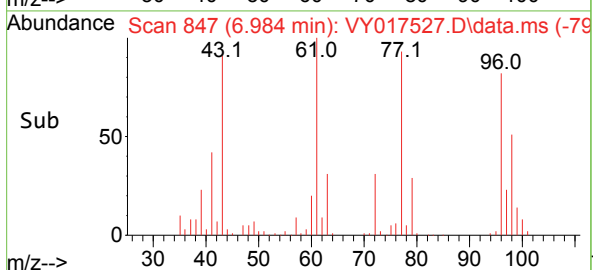
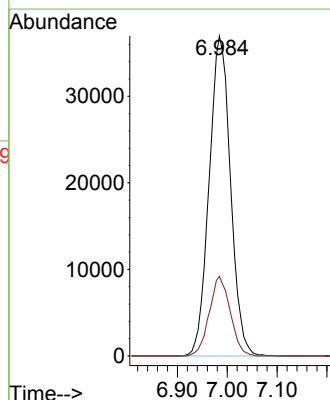
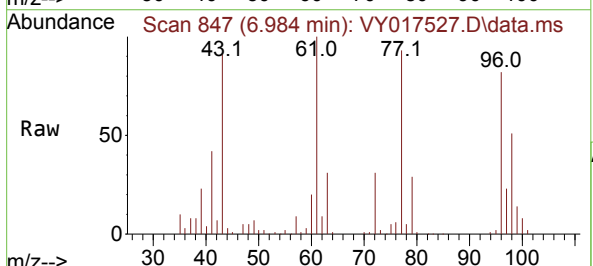
Acq: 29 Feb 2024 10:54

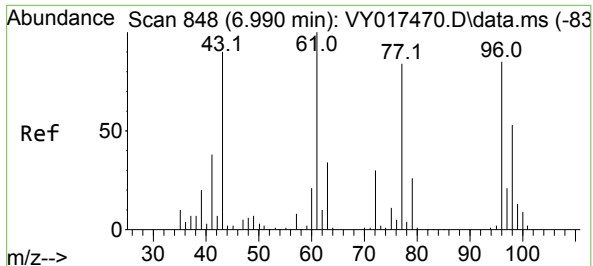
Tgt Ion: 77 Resp: 109904

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1

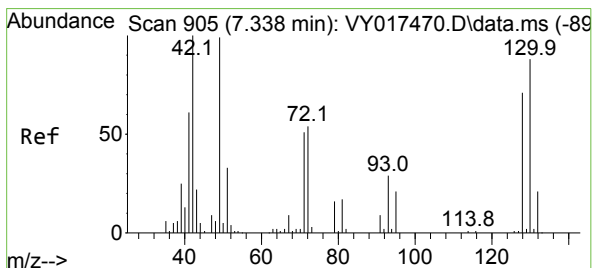
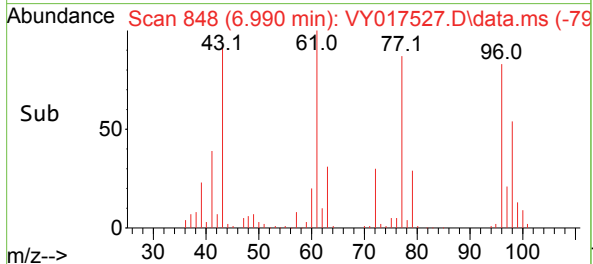
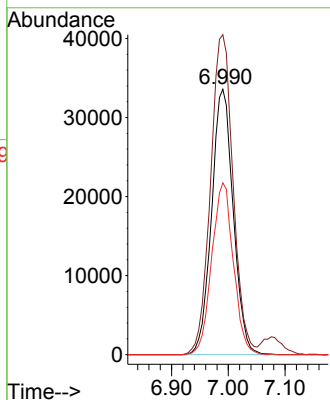
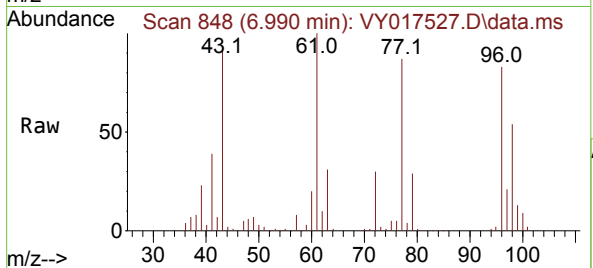




#27
 cis-1,2-Dichloroethene
 Concen: 45.351 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY017527.D
 Acq: 29 Feb 2024 10:54

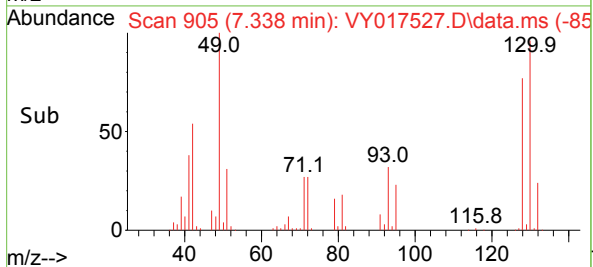
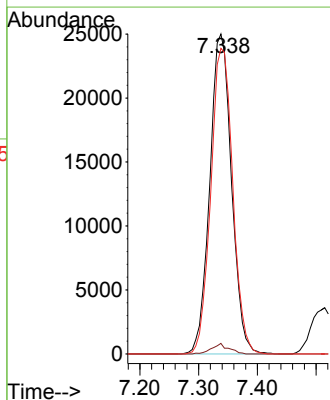
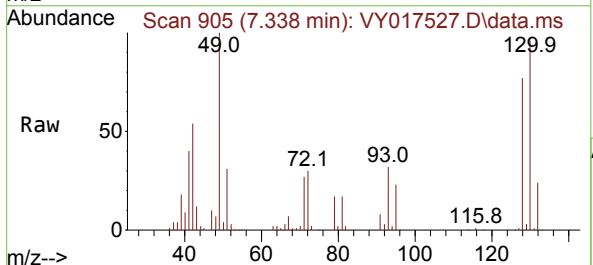
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96	Resp: 89223
Ion Ratio	Lower Upper
96 100	
61 125.5	0.0 256.2
98 64.6	0.0 130.0



#28
 Bromochloromethane
 Concen: 57.272 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY017527.D
 Acq: 29 Feb 2024 10:54

Tgt Ion: 49	Resp: 64301
Ion Ratio	Lower Upper
49 100	
129 2.6	0.0 4.6
130 96.4	72.7 109.1





#29

Tetrahydrofuran

Concen: 202.101 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

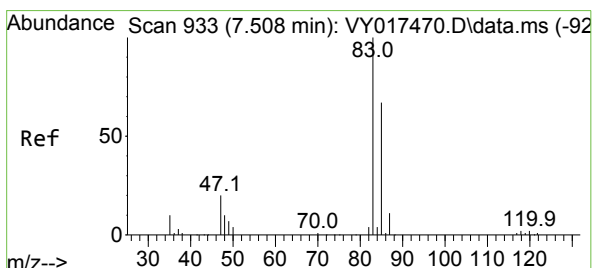
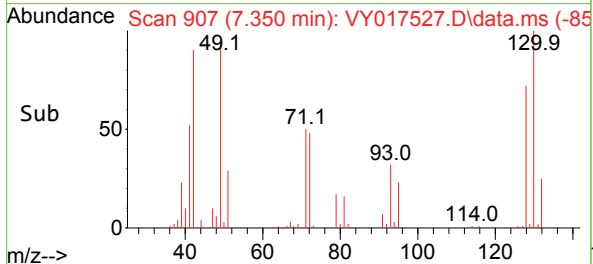
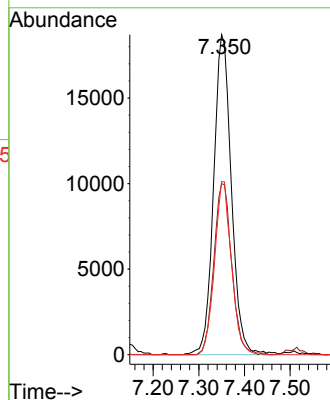
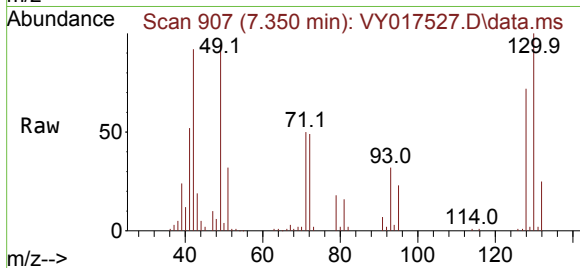
Tgt Ion: 42 Resp: 50561

Ion Ratio Lower Upper

42 100

72 53.6 43.0 64.4

71 51.5 40.8 61.2



#30

Chloroform

Concen: 44.521 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017527.D

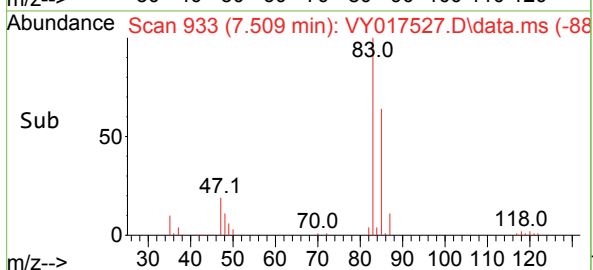
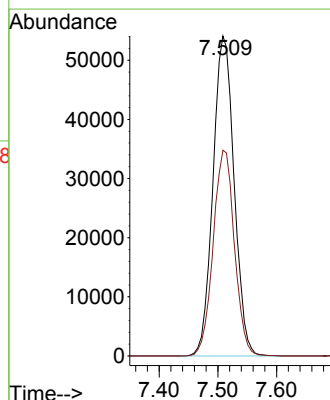
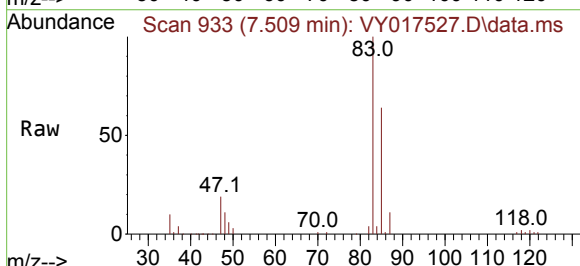
Acq: 29 Feb 2024 10:54

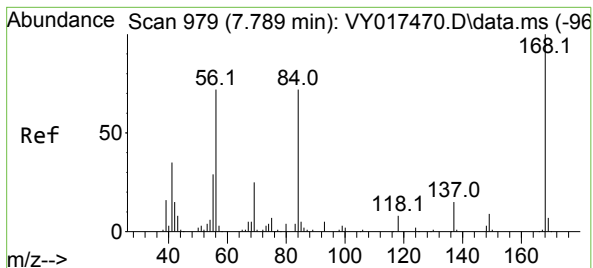
Tgt Ion: 83 Resp: 135126

Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.4





#31

Cyclohexane

Concen: 46.392 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

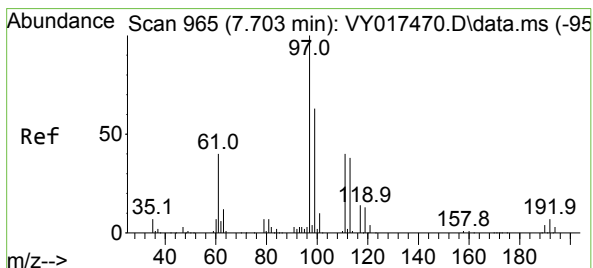
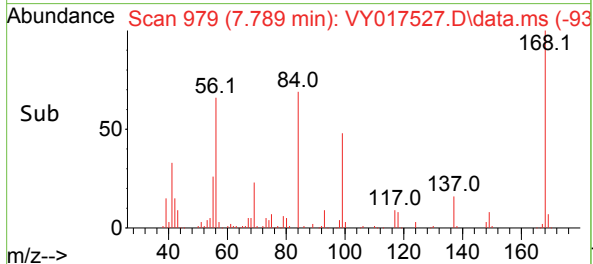
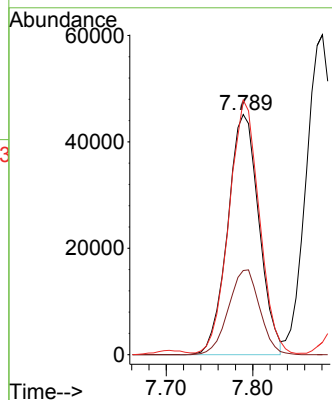
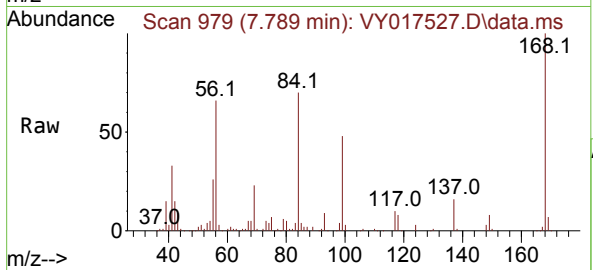
Tgt Ion: 56 Resp: 113355

Ion Ratio Lower Upper

56 100

69 35.1 28.7 43.1

84 104.5 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 45.802 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

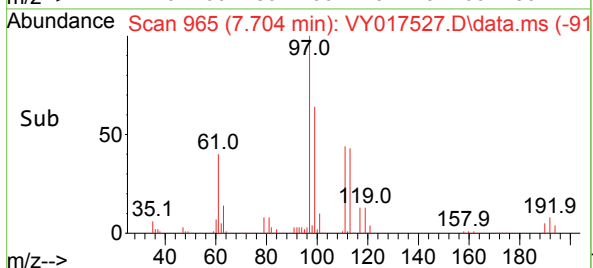
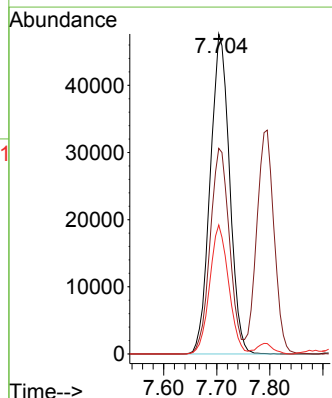
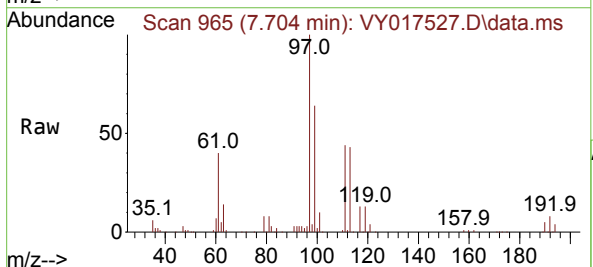
Tgt Ion: 97 Resp: 120692

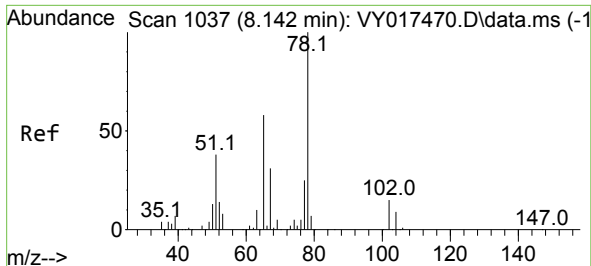
Ion Ratio Lower Upper

97 100

99 64.7 50.3 75.5

61 39.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.953 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

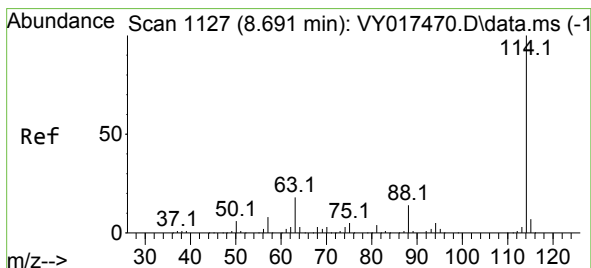
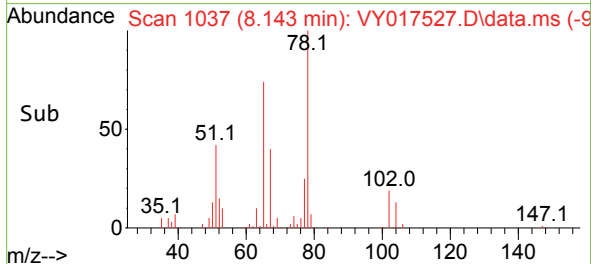
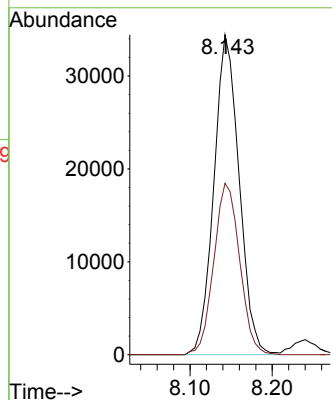
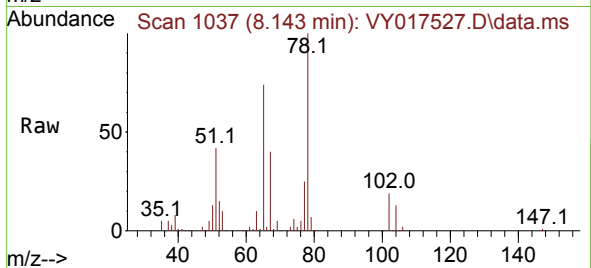
VSTDCCC050EC

Tgt Ion: 65 Resp: 73499

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

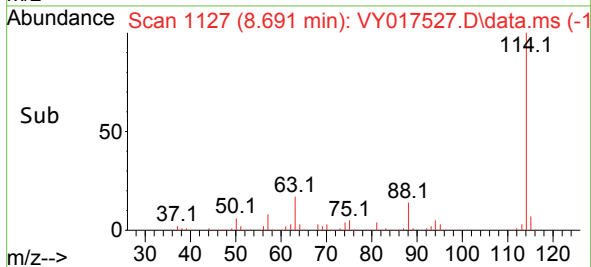
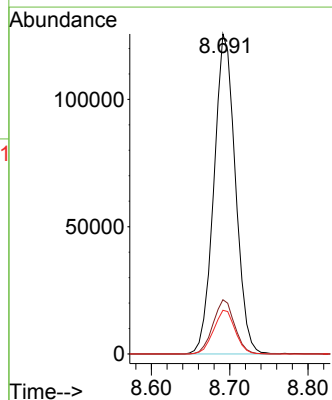
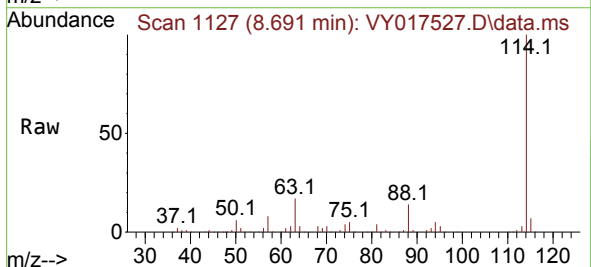
Tgt Ion: 114 Resp: 239532

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 13.6 0.0 27.2

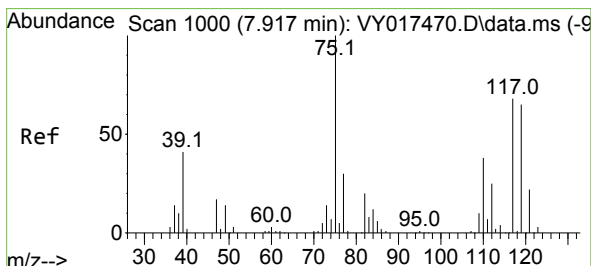
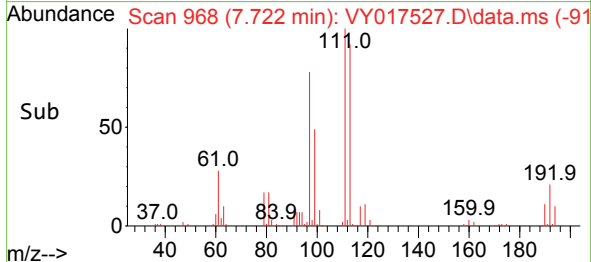
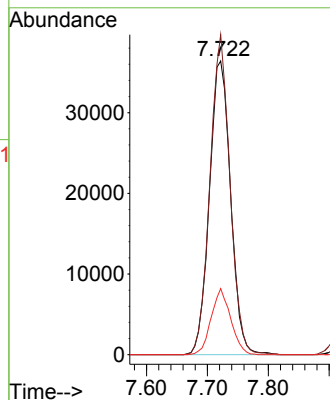
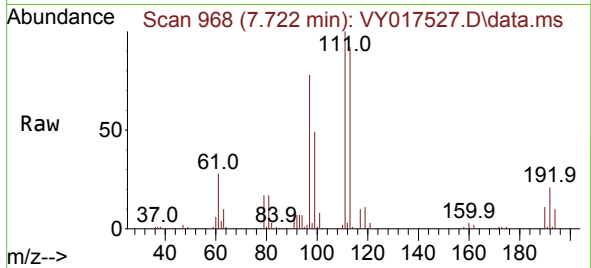




#35
Dibromofluoromethane
Concen: 52.772 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

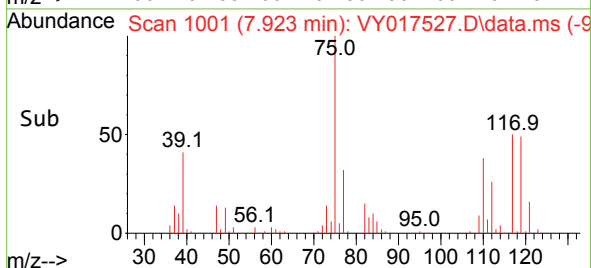
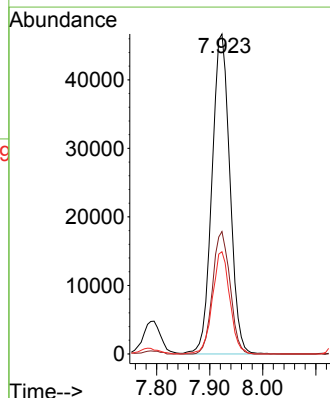
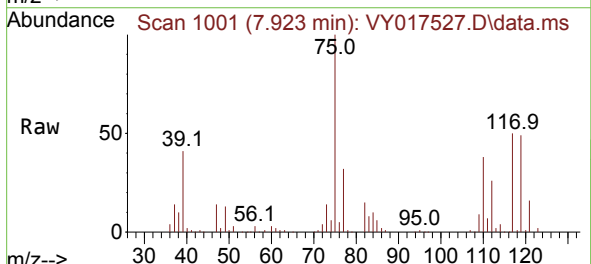
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

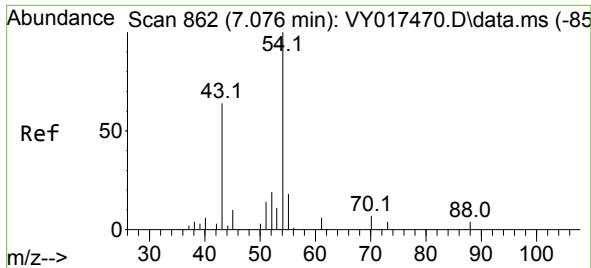
Tgt Ion:113 Resp: 88083
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 20.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 48.654 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 75 Resp: 109569
Ion Ratio Lower Upper
75 100
110 37.3 19.0 57.0
77 31.1 25.3 37.9

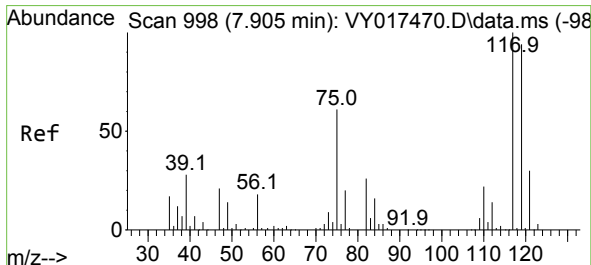
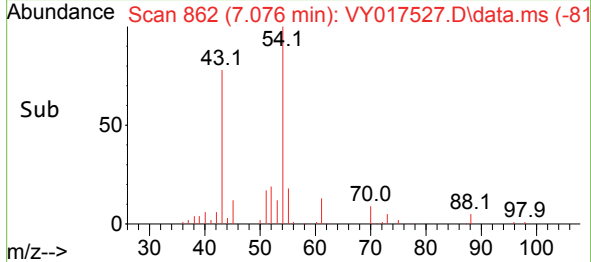
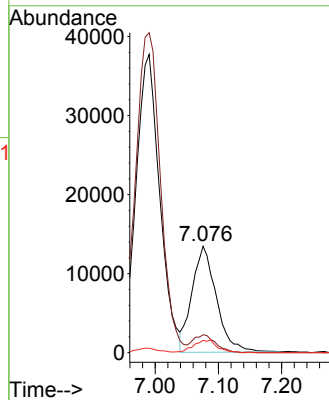
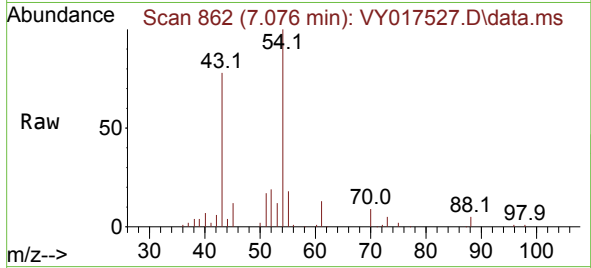




#37
Ethyl Acetate
Concen: 40.495 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

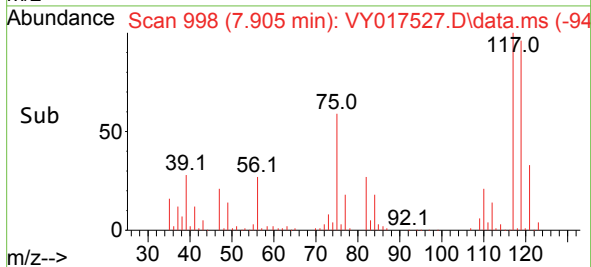
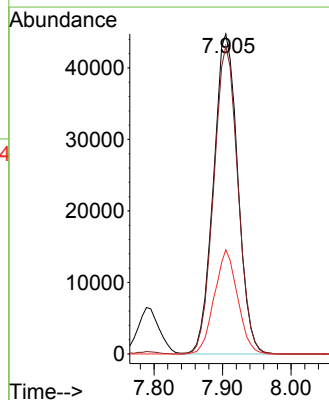
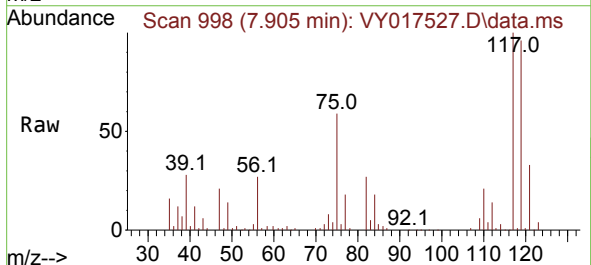
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

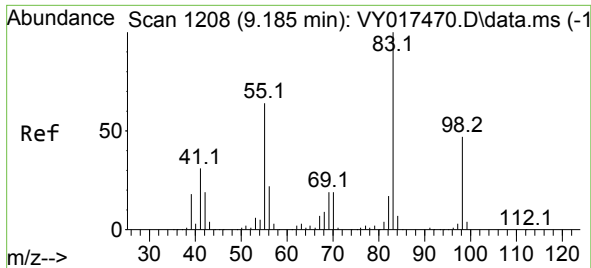
Tgt Ion: 43	Resp:	36019
Ion	Ratio	Lower Upper
43	100	
61	15.5	12.6 19.0
70	11.6	7.8 11.8



#38
Carbon Tetrachloride
Concen: 48.667 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 117	Resp:	109843
Ion	Ratio	Lower Upper
117	100	
119	96.3	75.8 113.6
121	32.6	24.0 36.0





#39

Methylcyclohexane

Concen: 50.968 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

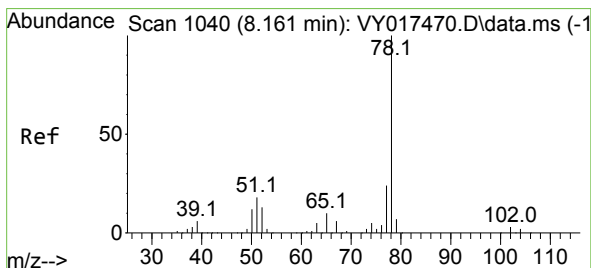
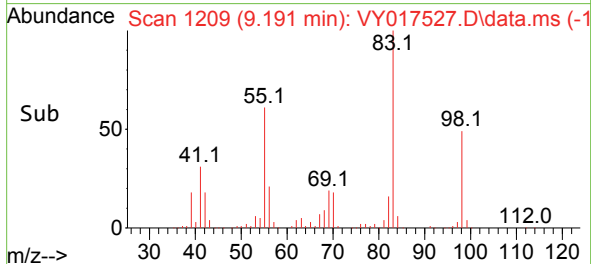
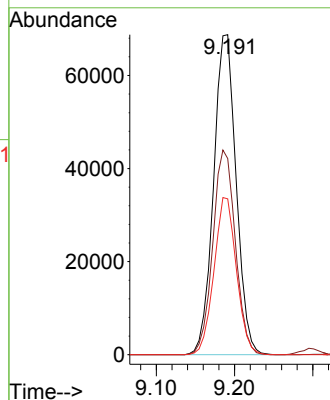
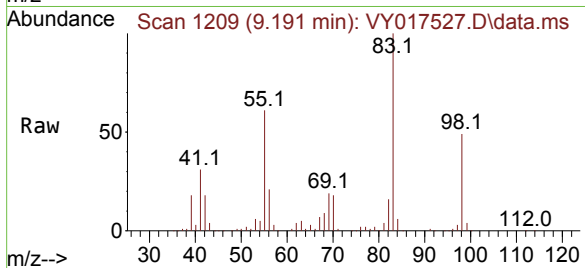
Tgt Ion: 83 Resp: 137941

Ion Ratio Lower Upper

83 100

55 61.3 51.5 77.3

98 48.7 40.5 60.7



#40

Benzene

Concen: 46.924 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017527.D

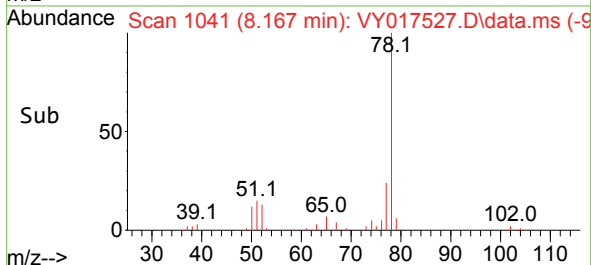
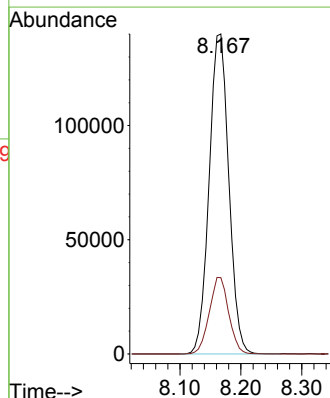
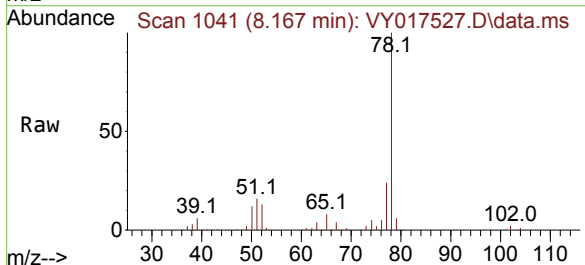
Acq: 29 Feb 2024 10:54

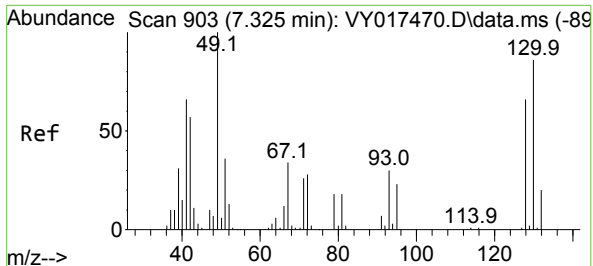
Tgt Ion: 78 Resp: 313826

Ion Ratio Lower Upper

78 100

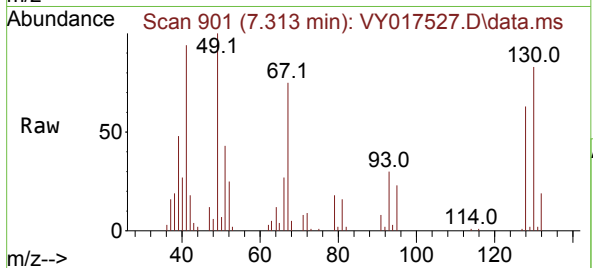
77 23.8 19.5 29.3



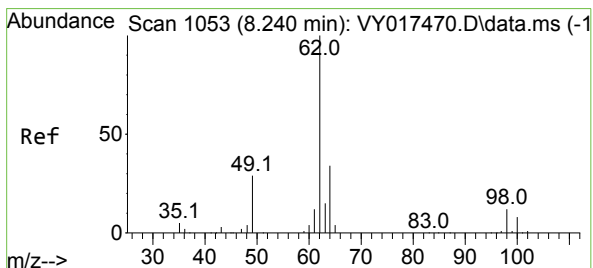
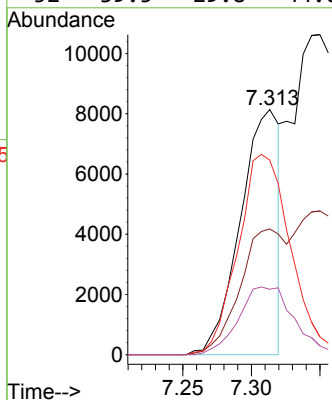
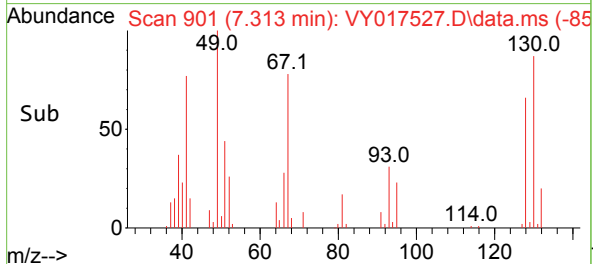


#41
Methacrylonitrile
Concen: 36.207 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

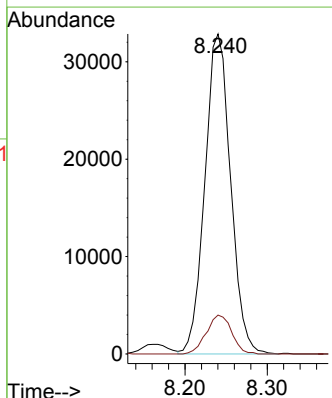
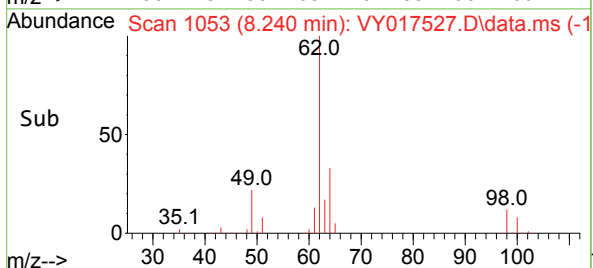
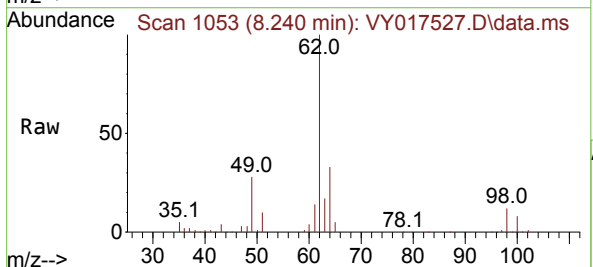


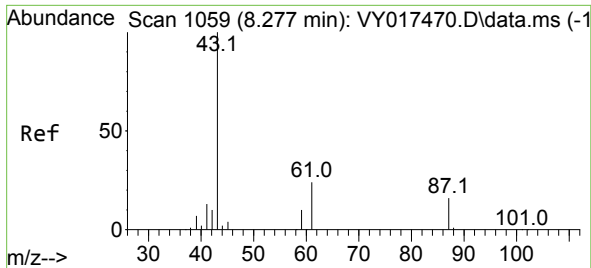
Tgt Ion:	41	Resp:	16161
Ion	Ratio	Lower	Upper
41	100		
39	60.3	48.0	72.0
67	110.3	75.1	112.7
52	39.5	29.8	44.6



#42
1,2-Dichloroethane
Concen: 43.748 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion:	62	Resp:	71386
Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	22.0

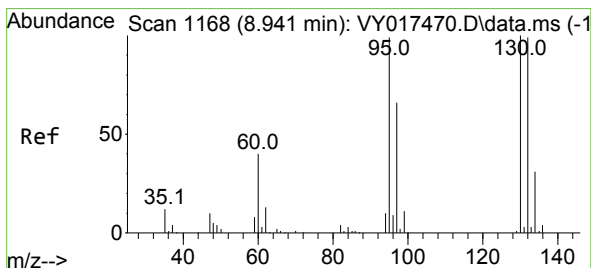
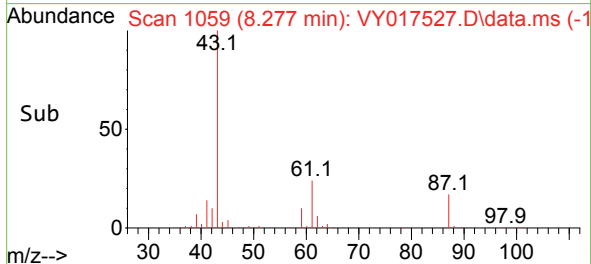
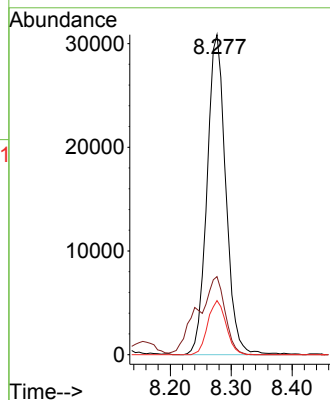
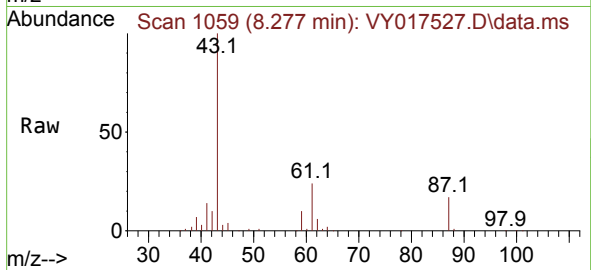




#43
Isopropyl Acetate
Concen: 42.087 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

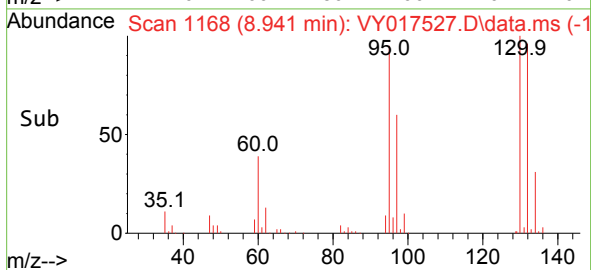
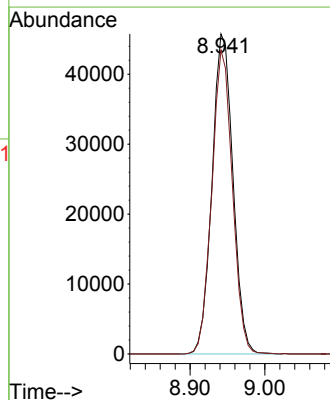
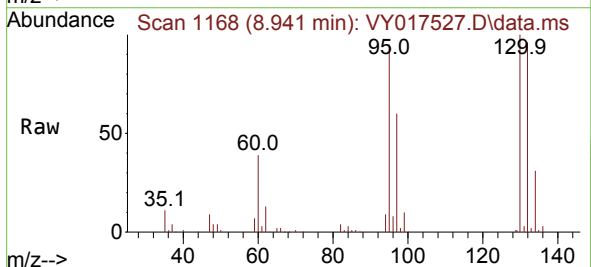
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

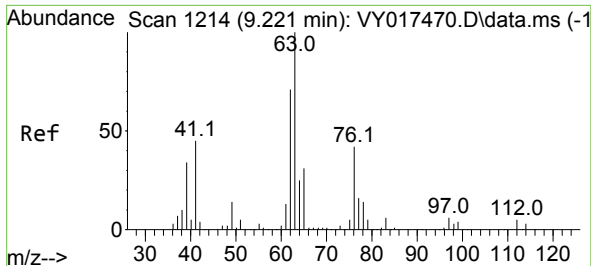
Tgt Ion: 43 Resp: 65783
Ion Ratio Lower Upper
43 100
61 35.7 27.9 41.9
87 16.6 13.1 19.7



#44
Trichloroethene
Concen: 46.340 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 130 Resp: 89328
Ion Ratio Lower Upper
130 100
95 94.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 45.128 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

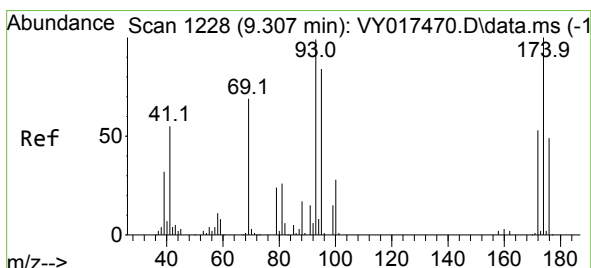
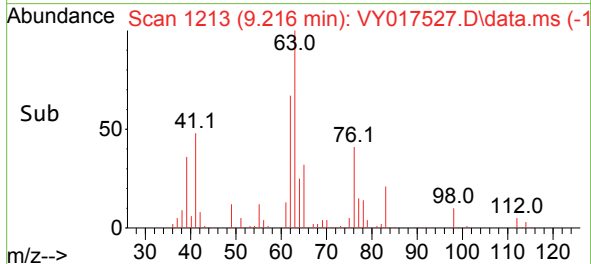
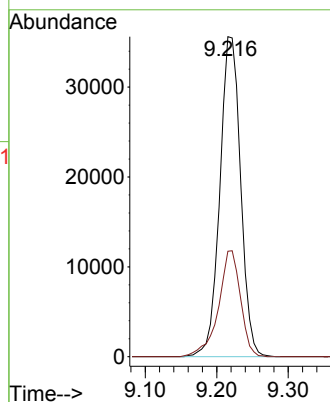
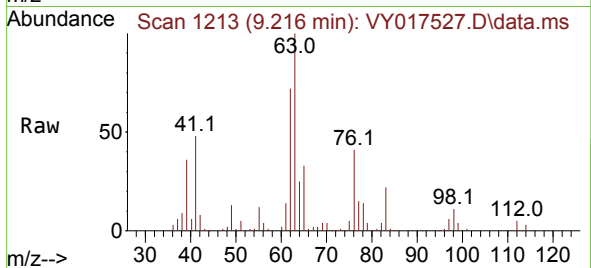
VSTDCCC050EC

Tgt Ion: 63 Resp: 71805

Ion Ratio Lower Upper

63 100

65 32.9 25.4 38.2



#46

Dibromomethane

Concen: 43.915 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

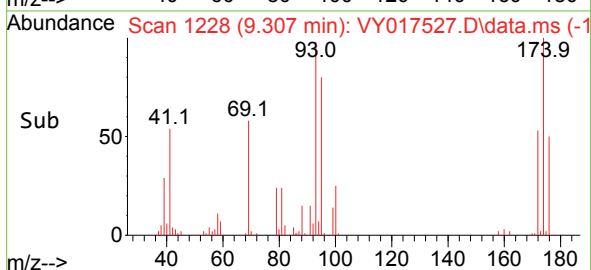
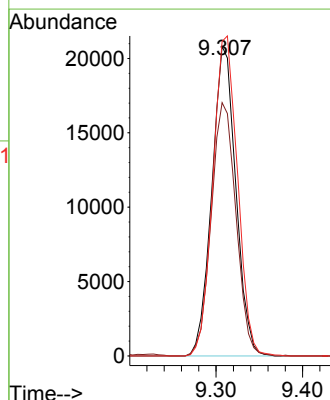
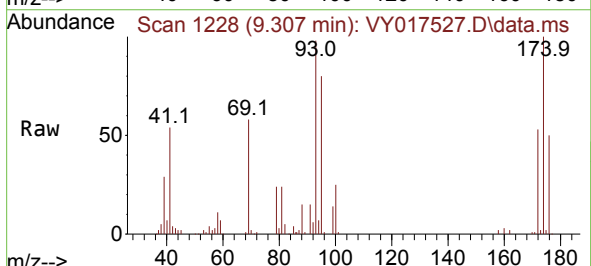
Tgt Ion: 93 Resp: 39990

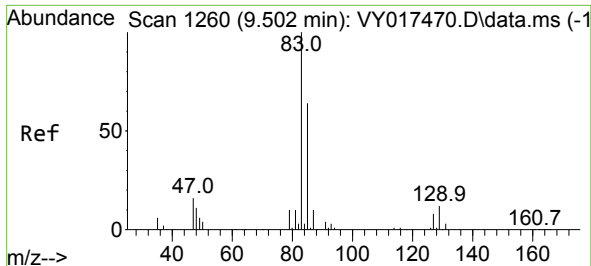
Ion Ratio Lower Upper

93 100

95 84.3 66.2 99.4

174 106.2 80.9 121.3

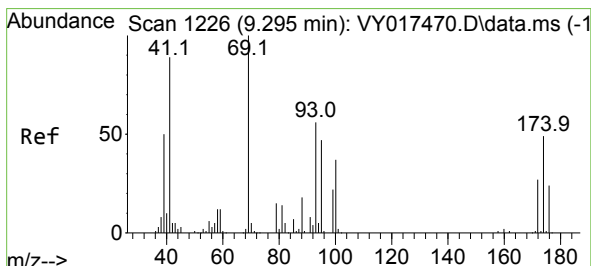
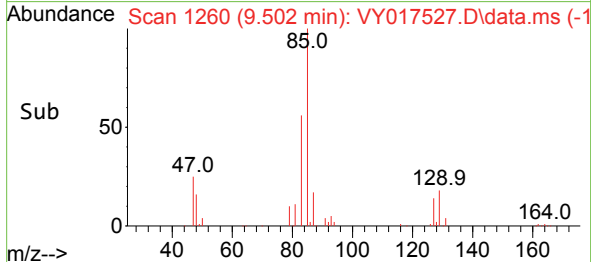
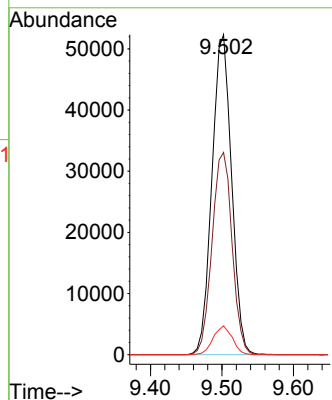
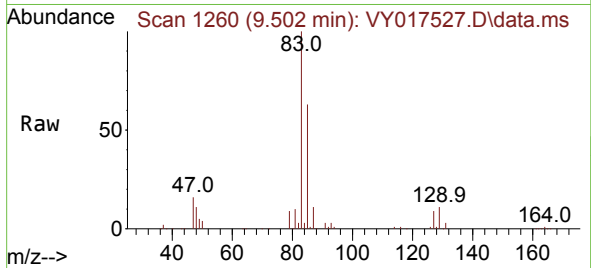




#47
Bromodichloromethane
Concen: 44.966 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

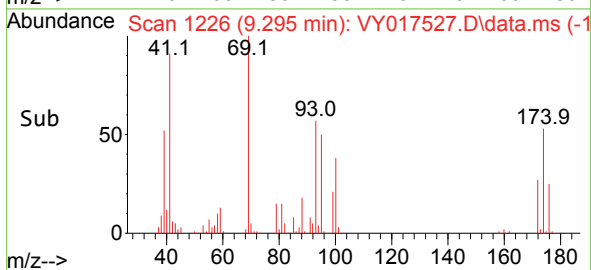
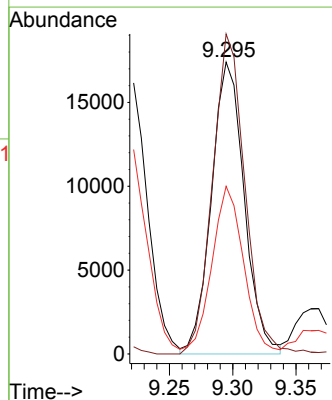
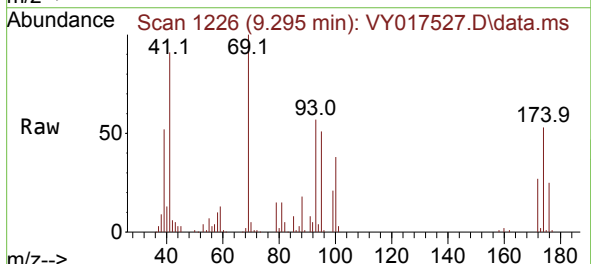
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

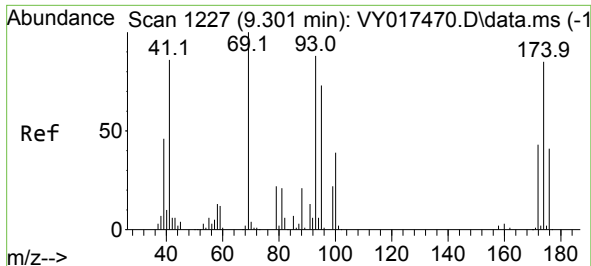
Tgt Ion: 83 Resp: 99423
Ion Ratio Lower Upper
83 100
85 63.2 50.1 75.1
127 9.0 7.4 11.0



#48
Methyl methacrylate
Concen: 43.451 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 41 Resp: 31436
Ion Ratio Lower Upper
41 100
69 107.9 84.1 126.1
39 52.6 43.6 65.4





#49

1,4-Dioxane

Concen: 802.957 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

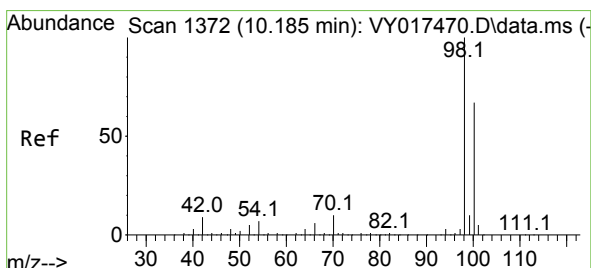
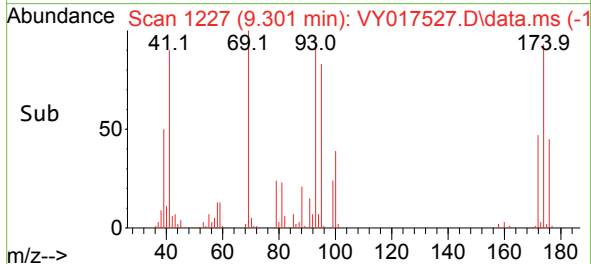
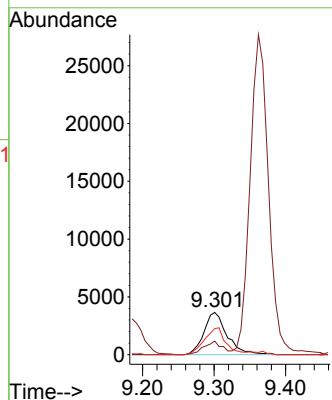
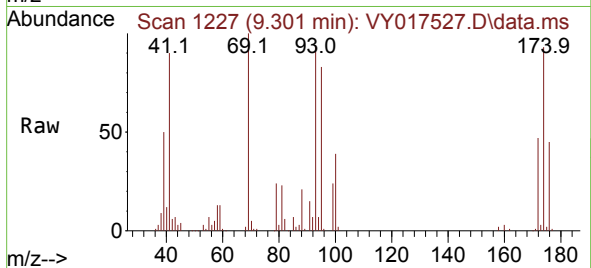
Tgt Ion: 88 Resp: 8275

Ion Ratio Lower Upper

88 100

43 25.0 0.0 0.0#

58 58.2 49.3 73.9



#50

Toluene-d8

Concen: 57.328 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017527.D

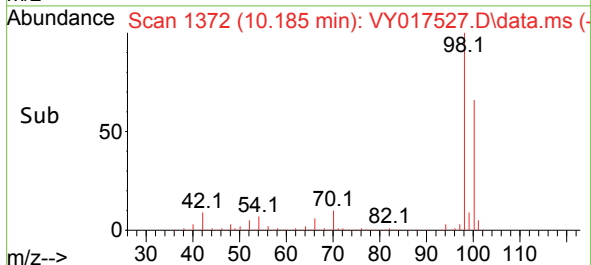
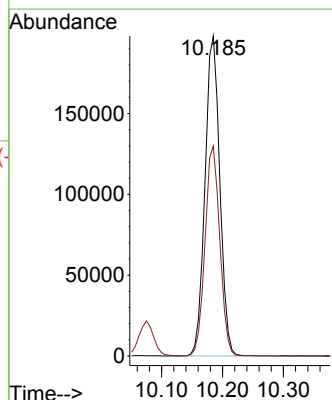
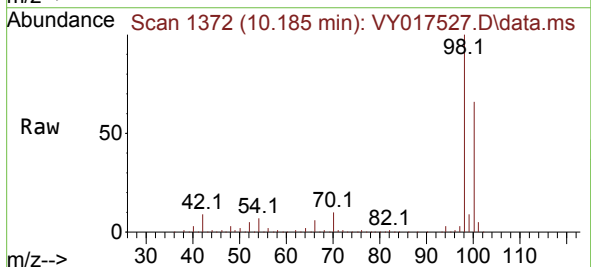
Acq: 29 Feb 2024 10:54

Tgt Ion: 98 Resp: 334559

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0

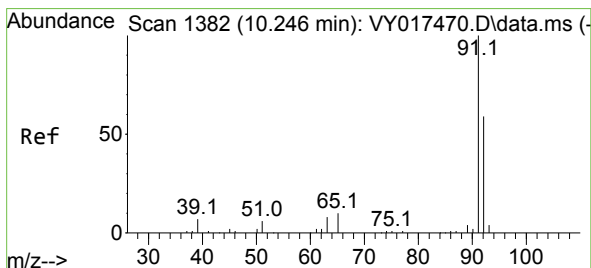
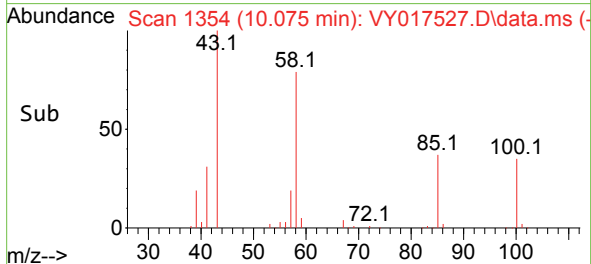
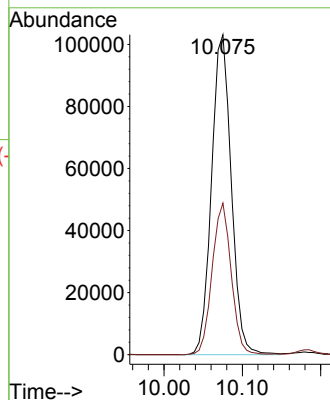
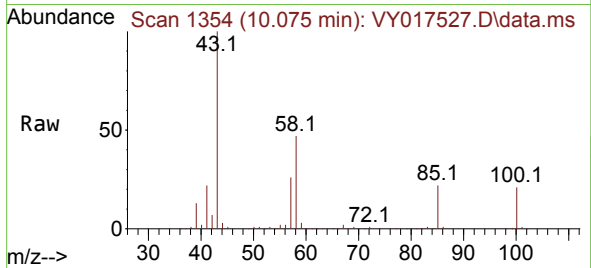




#51
4-Methyl-2-Pentanone
Concen: 207.250 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

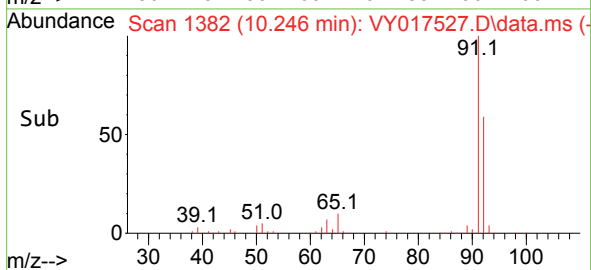
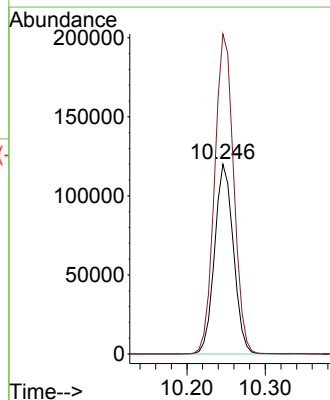
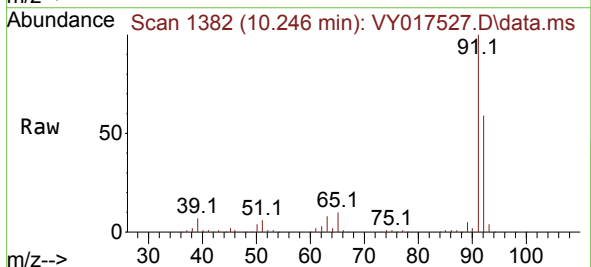
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

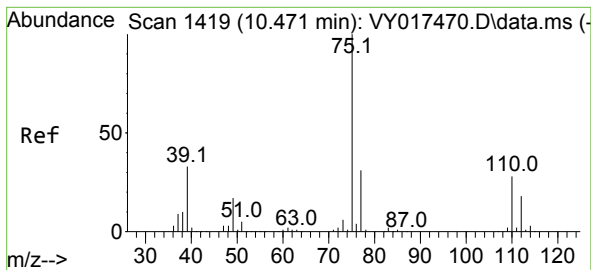
Tgt Ion: 43 Resp: 180540
Ion Ratio Lower Upper
43 100
58 45.7 35.7 53.5



#52
Toluene
Concen: 47.515 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 92 Resp: 200330
Ion Ratio Lower Upper
92 100
91 171.6 139.0 208.6

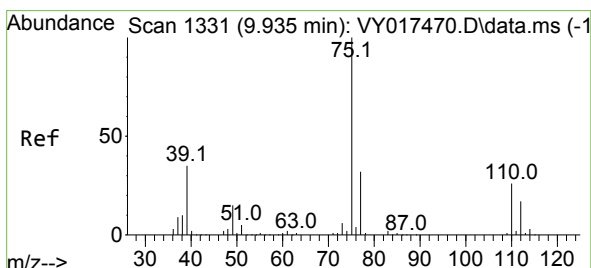
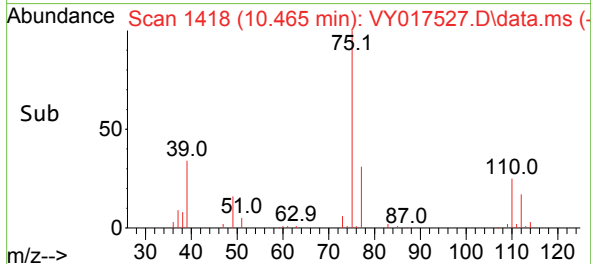
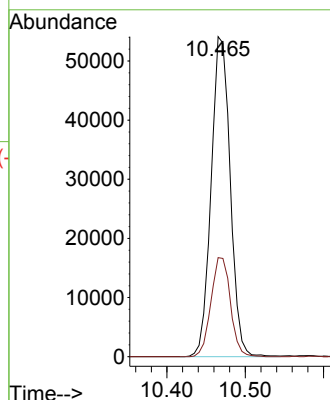
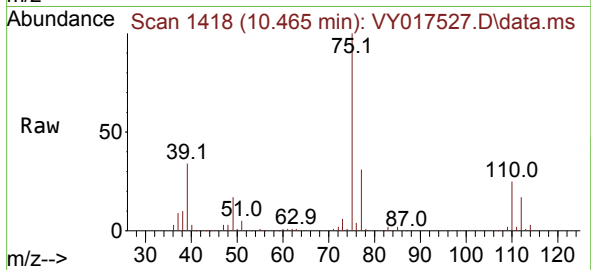




#53
 t-1,3-Dichloropropene
 Concen: 44.631 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY017527.D
 Acq: 29 Feb 2024 10:54

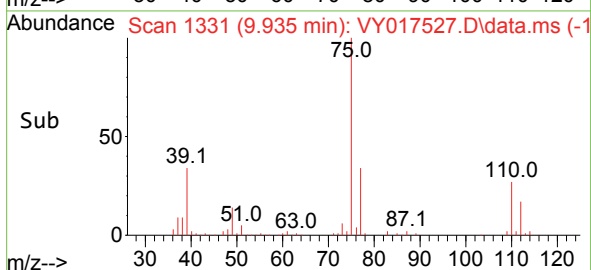
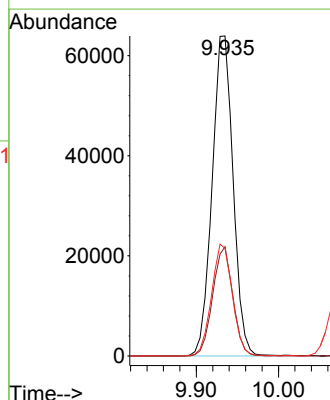
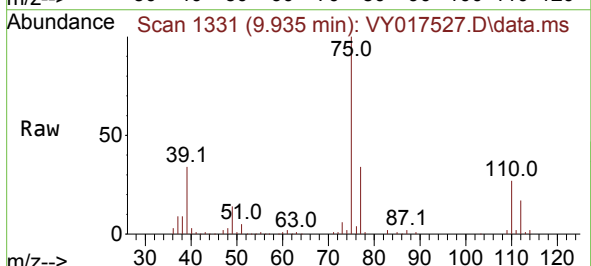
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

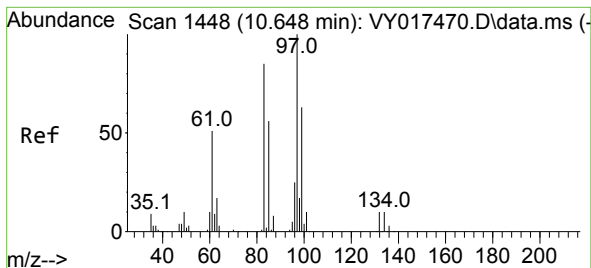
Tgt Ion: 75 Resp: 91594
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 45.474 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017527.D
 Acq: 29 Feb 2024 10:54

Tgt Ion: 75 Resp: 113398
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.4 38.0
 39 33.6 29.8 44.6

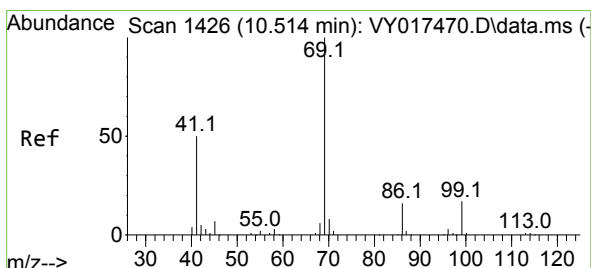
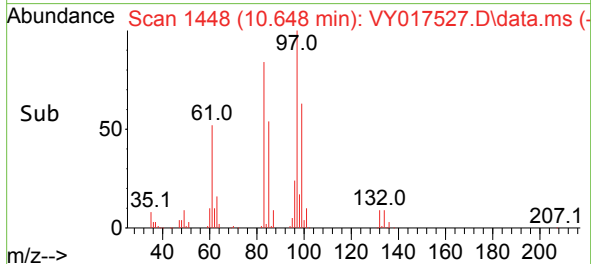
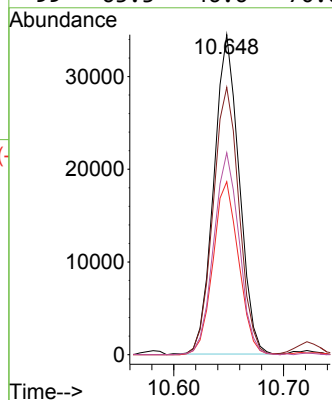
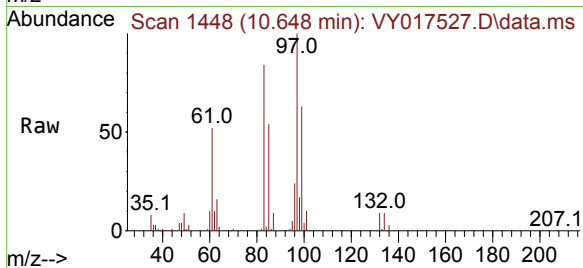




#55
1,1,2-Trichloroethane
Concen: 42.748 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

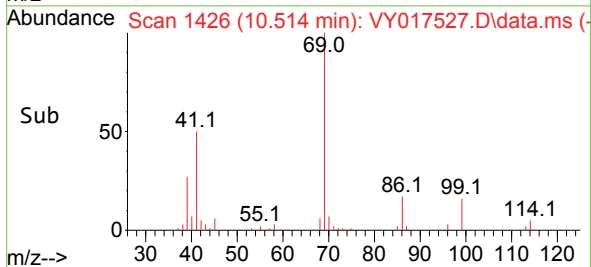
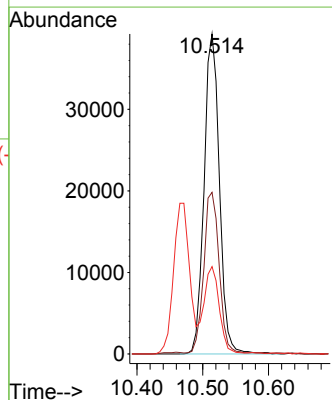
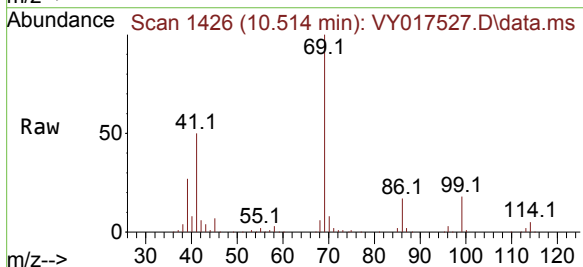
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

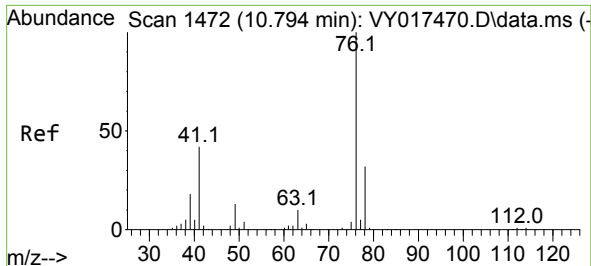
Tgt Ion:	97	Resp:	55269
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.5	101.3
85	54.1	42.9	64.3
99	63.3	46.6	70.0



#56
Ethyl methacrylate
Concen: 40.524 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion:	69	Resp:	63651
Ion	Ratio	Lower	Upper
69	100		
41	50.1	42.3	63.5
39	27.3	22.9	34.3

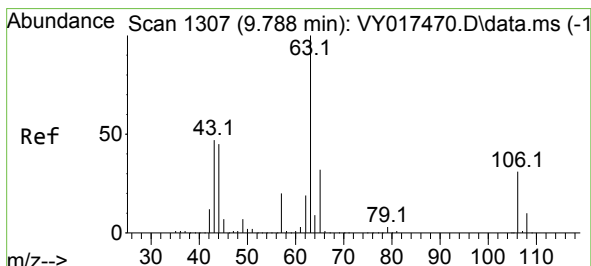
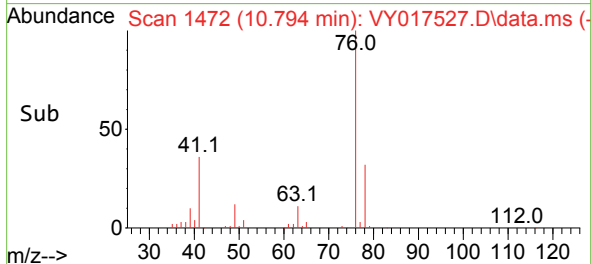
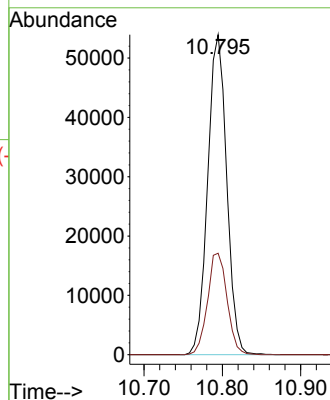
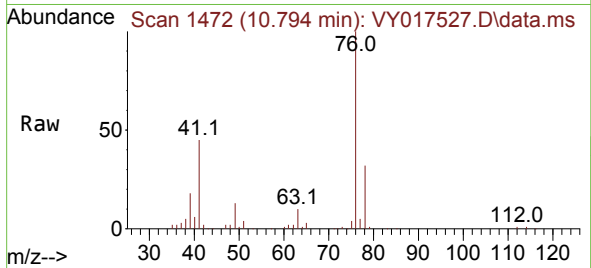




#57
1,3-Dichloropropane
Concen: 43.178 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

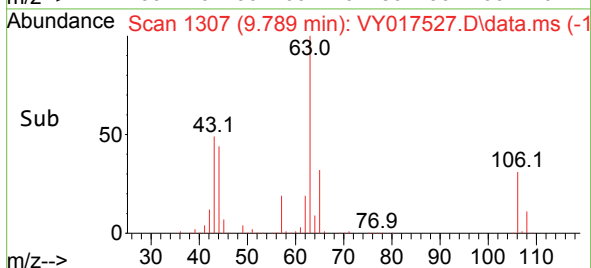
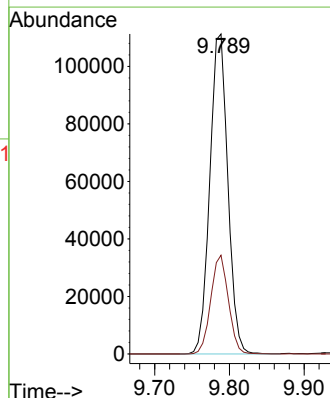
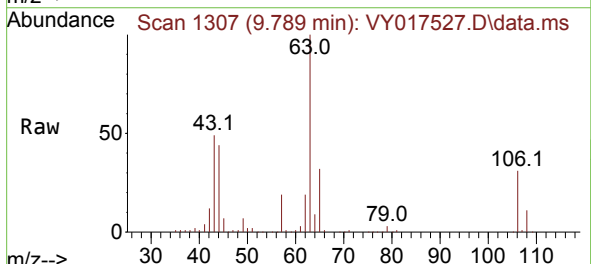
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

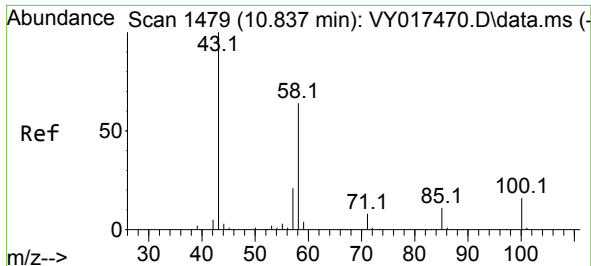
Tgt Ion: 76 Resp: 90765
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 249.838 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 63 Resp: 186398
Ion Ratio Lower Upper
63 100
106 30.1 23.7 35.5

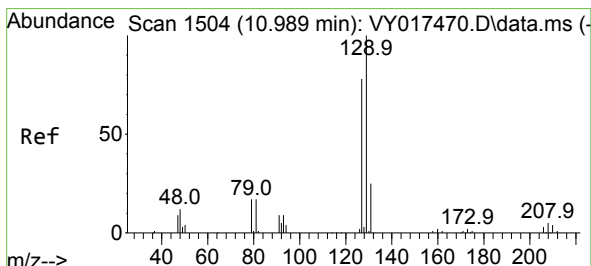
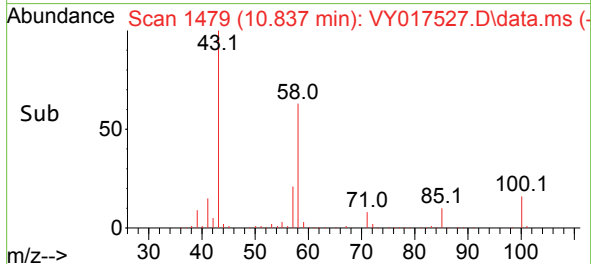
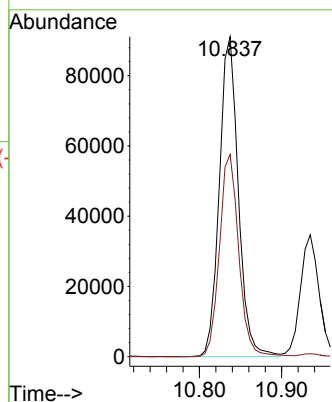
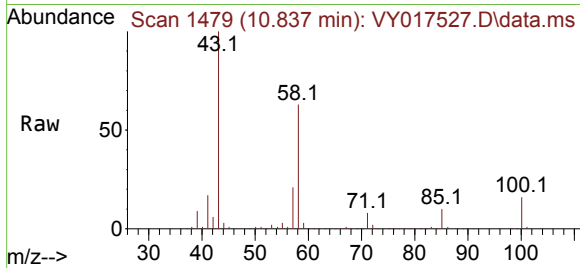




#59
2-Hexanone
Concen: 244.756 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

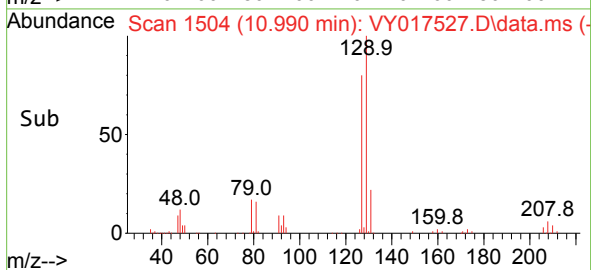
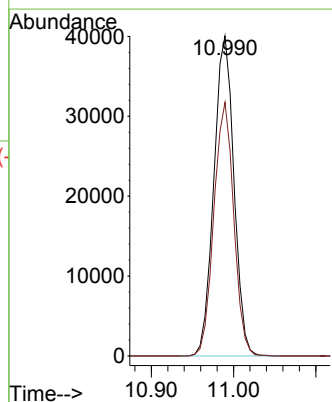
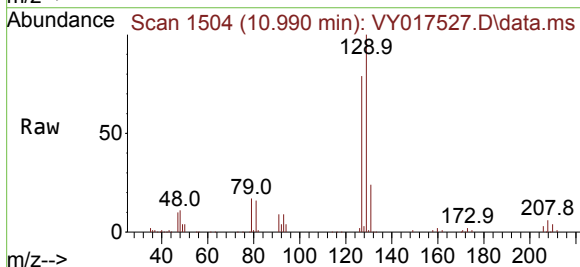
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 146451
Ion Ratio Lower Upper
43 100
58 64.2 31.4 94.0



#60
Dibromochloromethane
Concen: 44.372 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 129 Resp: 67868
Ion Ratio Lower Upper
129 100
127 78.5 39.0 117.0

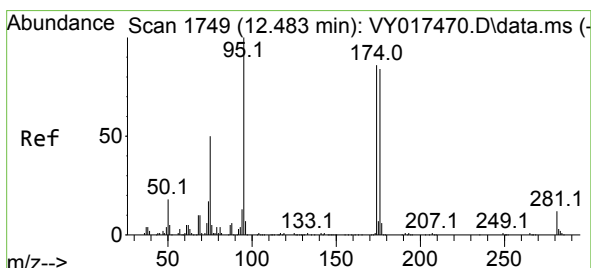
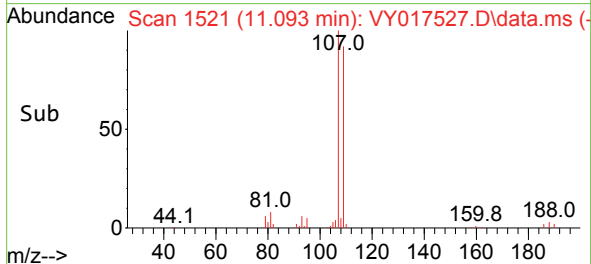
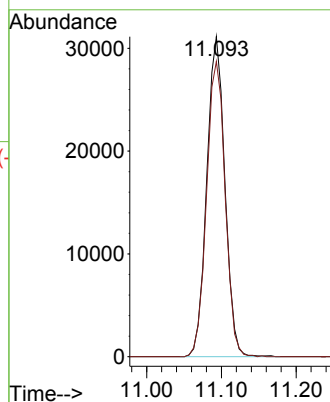
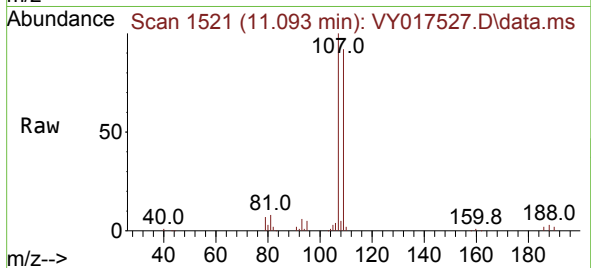




#61
1,2-Dibromoethane
Concen: 44.041 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

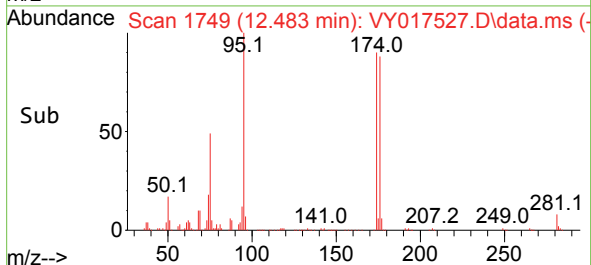
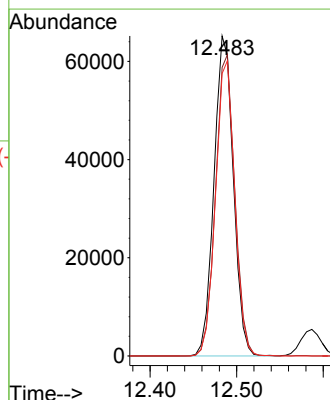
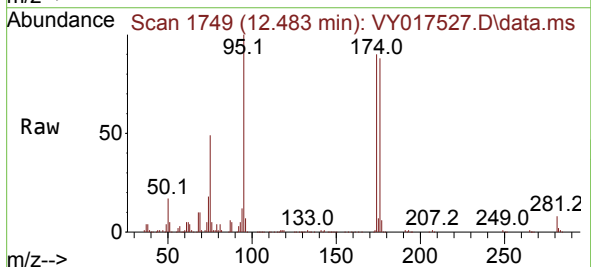
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

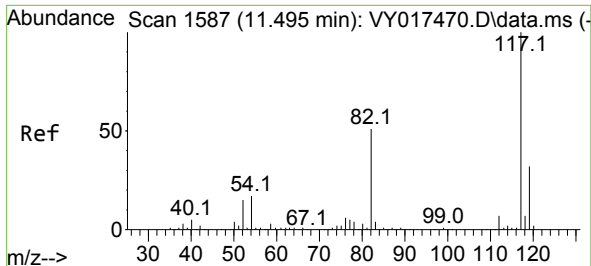
Tgt Ion:107 Resp: 52474
Ion Ratio Lower Upper
107 100
109 94.6 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 55.207 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 95 Resp: 101253
Ion Ratio Lower Upper
95 100
174 93.4 0.0 175.6
176 91.3 0.0 171.4

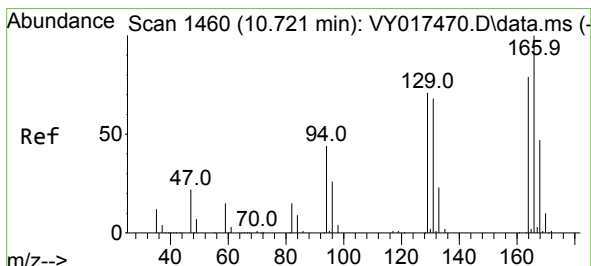
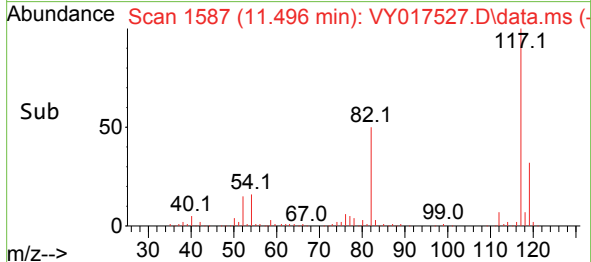
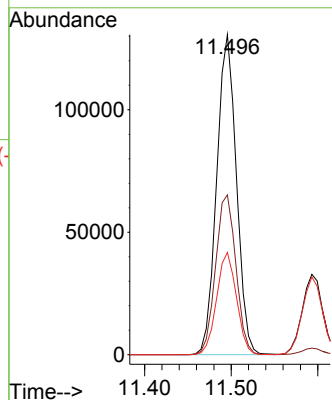
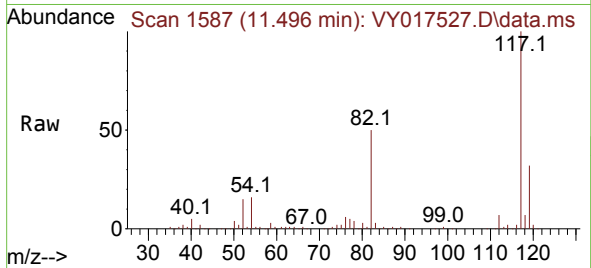




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

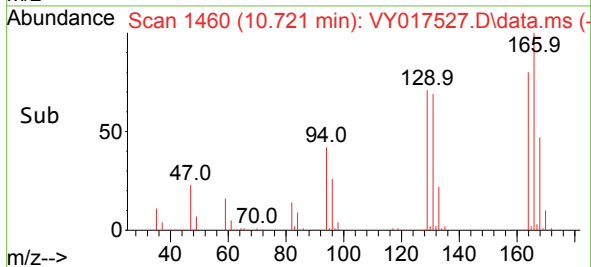
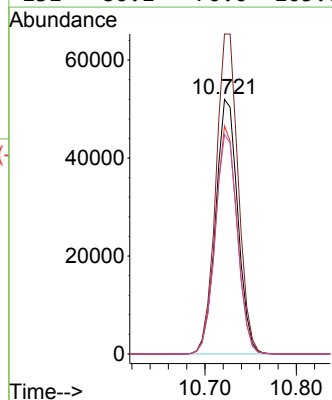
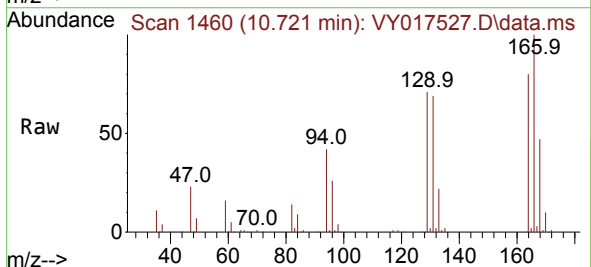
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

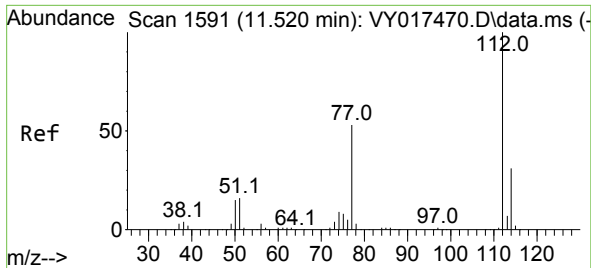
Tgt Ion:117 Resp: 206904
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 32.0 25.9 38.9



#64
Tetrachloroethene
Concen: 43.917 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion:164 Resp: 87215
Ion Ratio Lower Upper
164 100
166 125.7 102.6 154.0
129 89.6 72.0 108.0
131 86.1 70.0 105.0

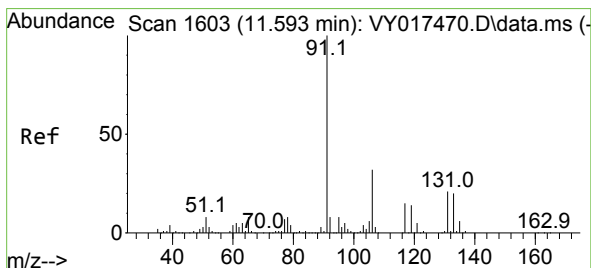
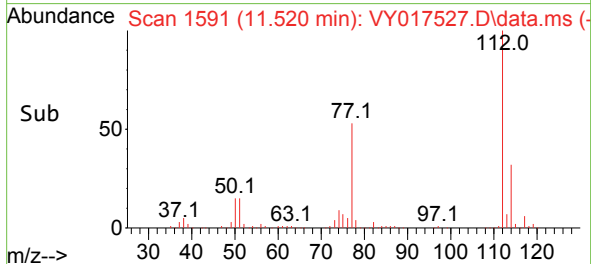
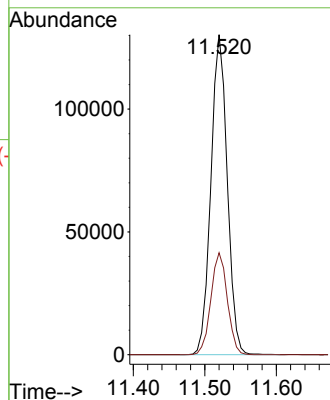
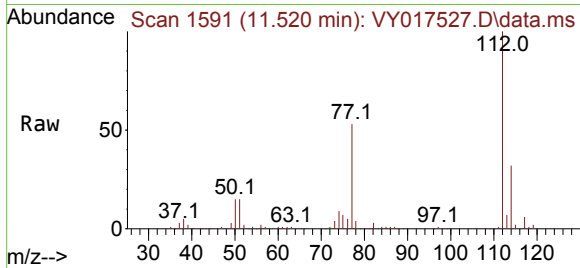




#65
Chlorobenzene
Concen: 47.102 ug/l
RT: 11.520 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

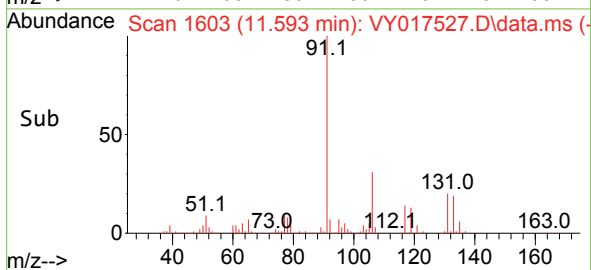
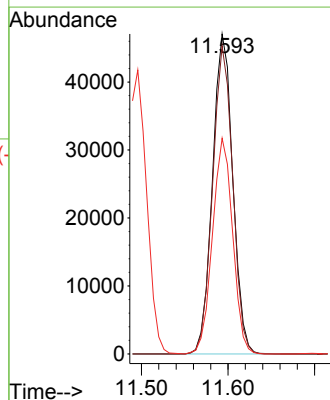
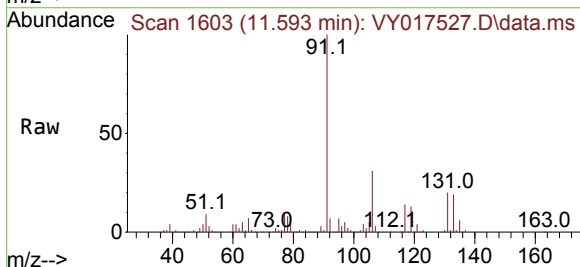
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

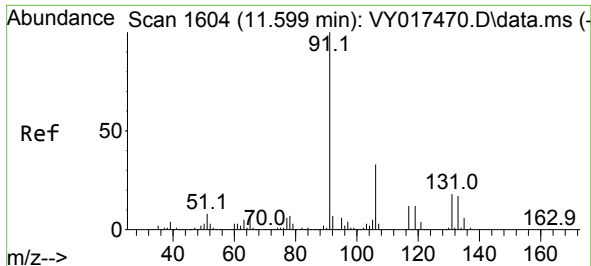
Tgt Ion:112 Resp: 206855
Ion Ratio Lower Upper
112 100
114 31.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 46.528 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion:131 Resp: 76551
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.3
119 67.2 34.1 102.2

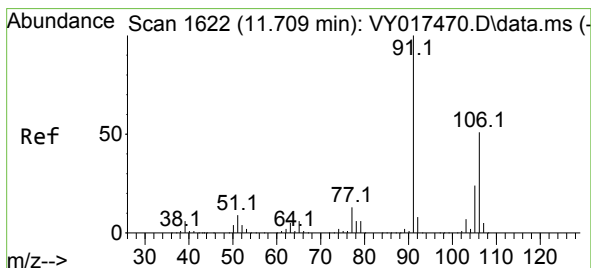
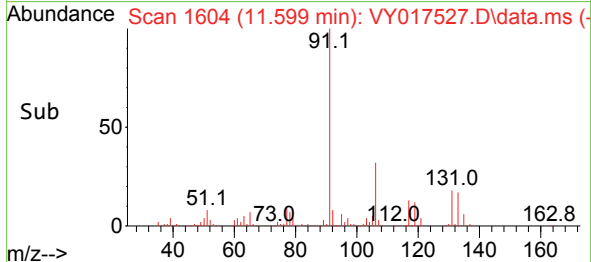
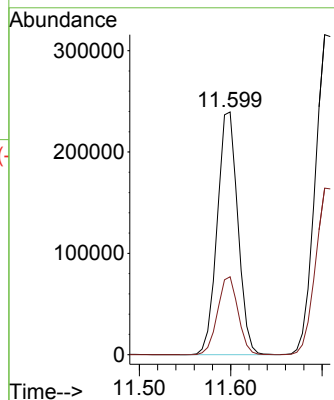
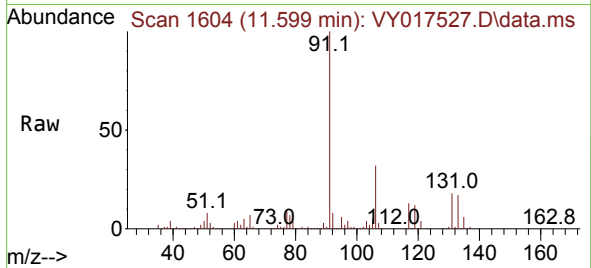




#67
Ethyl Benzene
Concen: 48.692 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

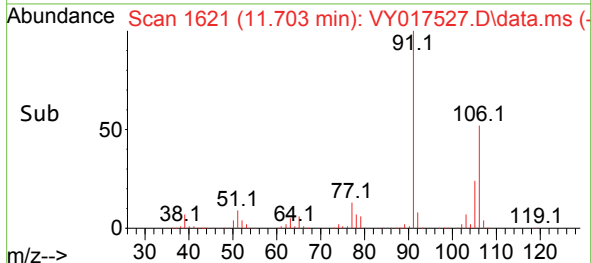
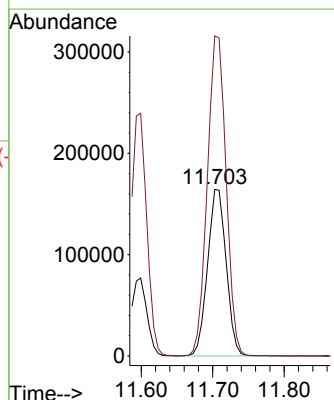
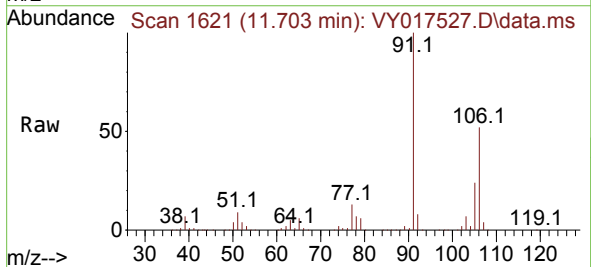
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

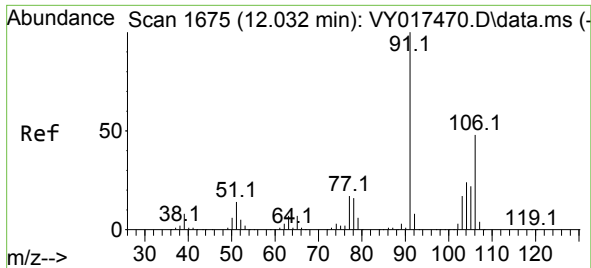
Tgt Ion: 91 Resp: 375020
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7



#68
m/p-Xylenes
Concen: 98.073 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 106 Resp: 296809
Ion Ratio Lower Upper
106 100
91 194.3 156.0 234.0

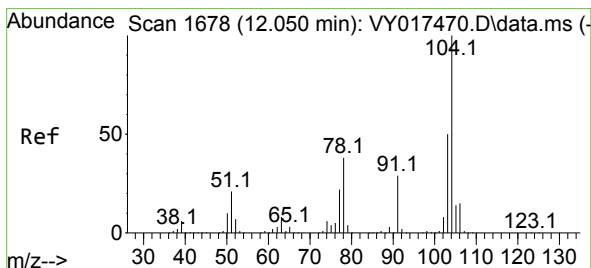
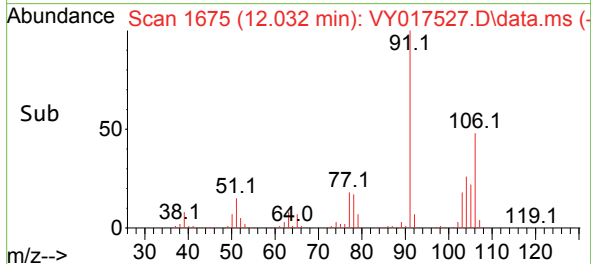
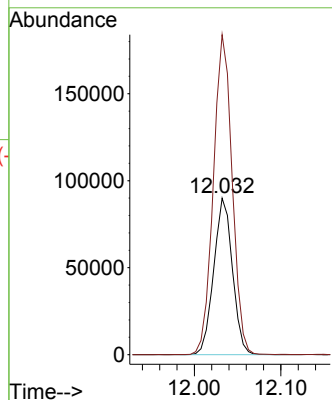
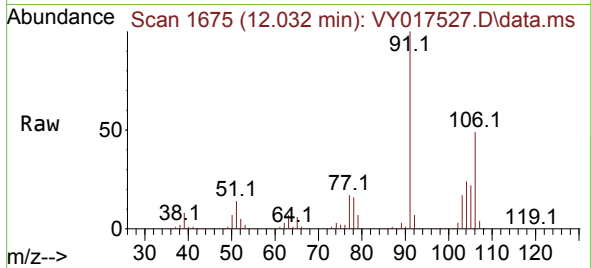




#69
o-Xylene
Concen: 48.073 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

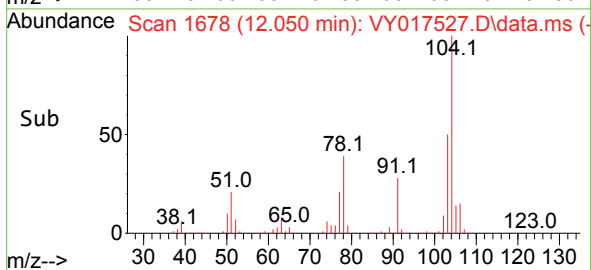
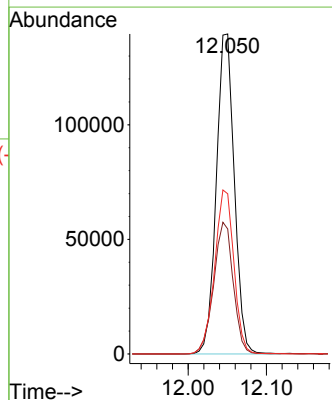
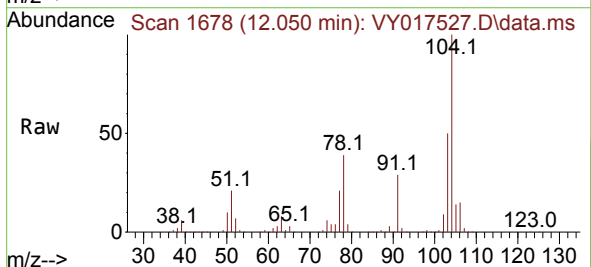
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

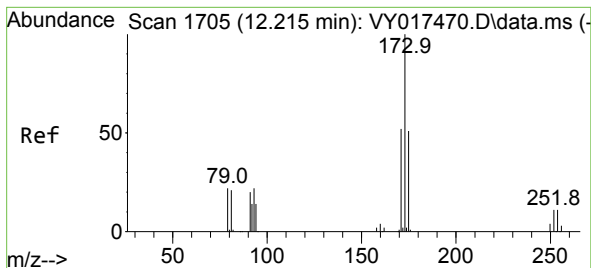
Tgt Ion:106 Resp: 134976
Ion Ratio Lower Upper
106 100
91 205.9 103.6 310.8



#70
Styrene
Concen: 47.997 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion:104 Resp: 223689
Ion Ratio Lower Upper
104 100
78 44.7 37.0 55.4
103 55.1 44.2 66.2





#71

Bromoform

Concen: 44.388 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

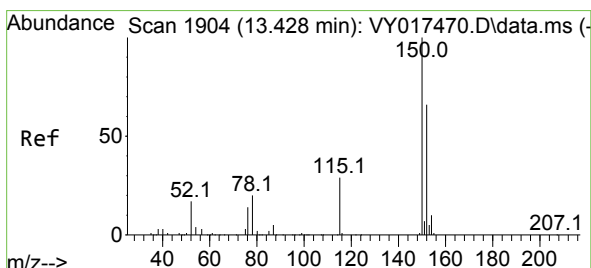
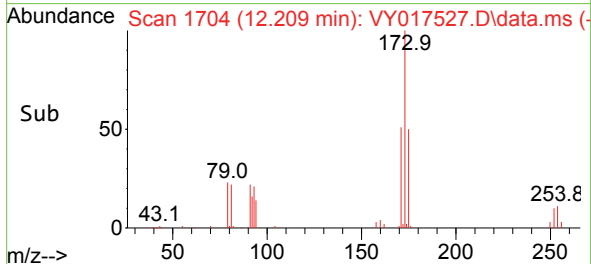
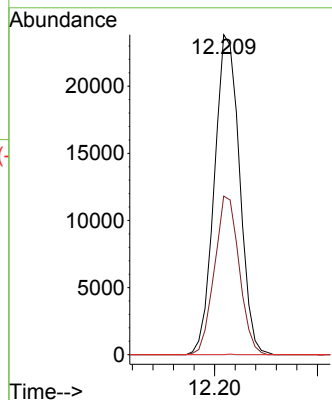
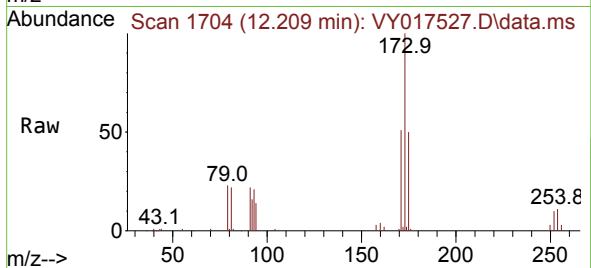
Tgt Ion:173 Resp: 40470

Ion Ratio Lower Upper

173 100

175 48.8 25.1 75.3

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

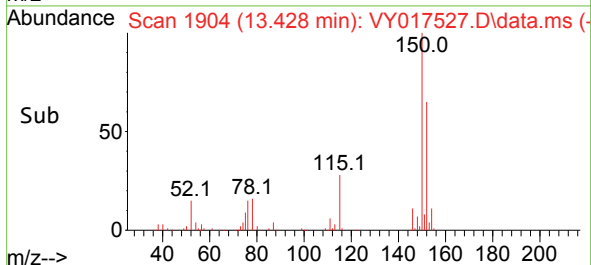
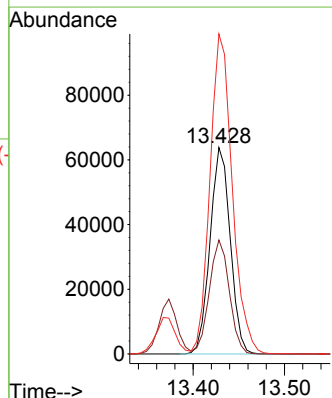
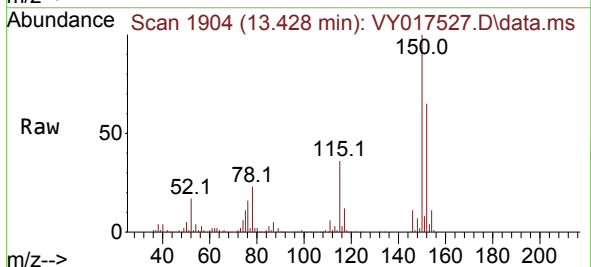
Tgt Ion:152 Resp: 97878

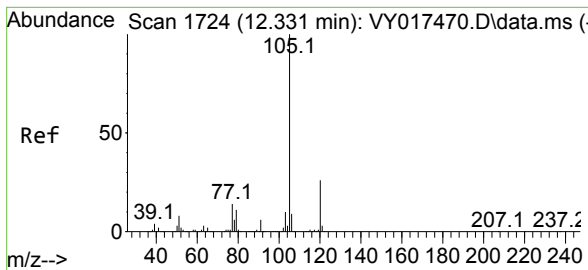
Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

150 170.9 0.0 345.6

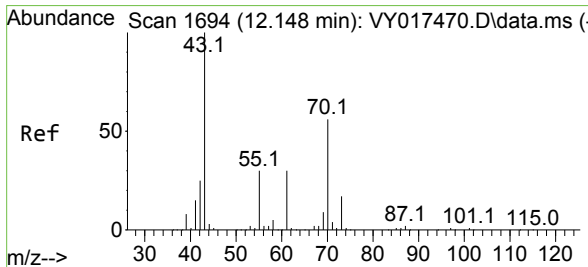
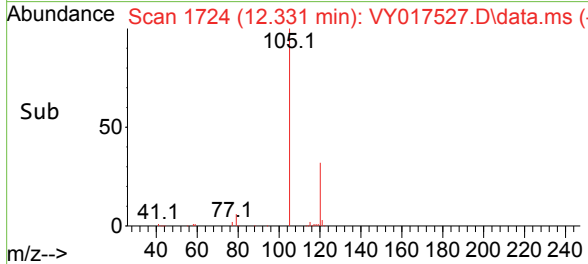
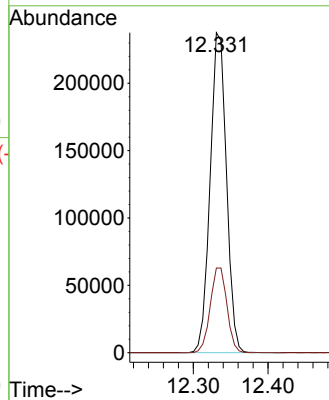
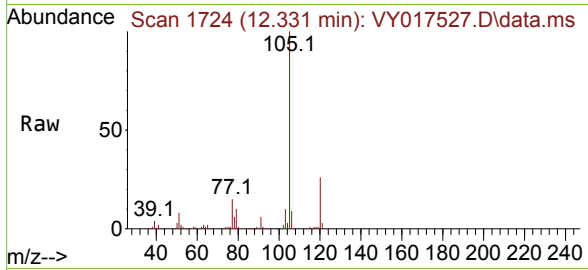




#73
Isopropylbenzene
Concen: 49.652 ug/l
RT: 12.331 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

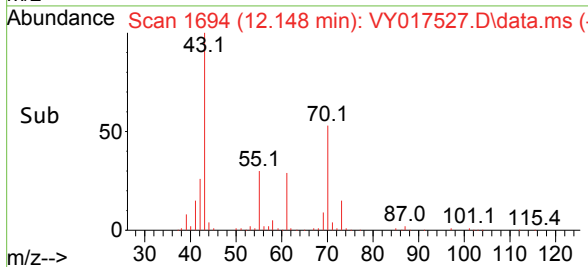
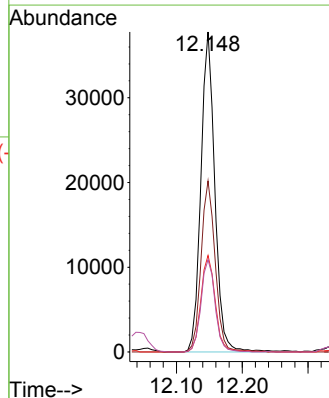
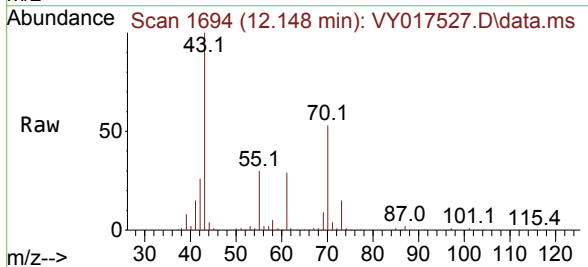
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 361054
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1



#74
N-ethyl acetate
Concen: 43.399 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 43 Resp: 55661
Ion Ratio Lower Upper
43 100
70 54.3 41.4 62.2
55 31.2 23.3 34.9
61 29.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 46.248 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

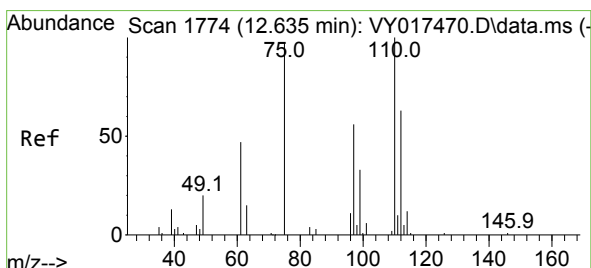
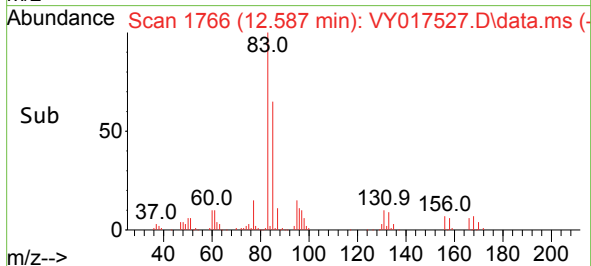
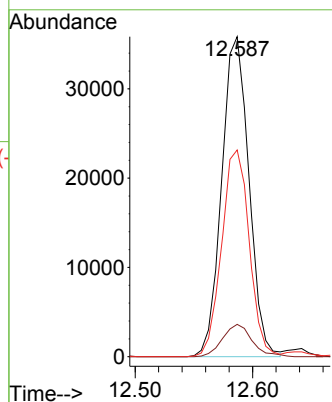
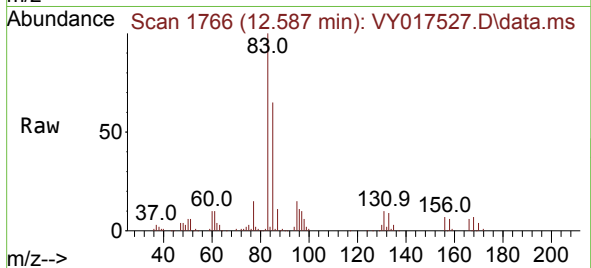
Tgt Ion: 83 Resp: 57750

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

85 65.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 77.119 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017527.D

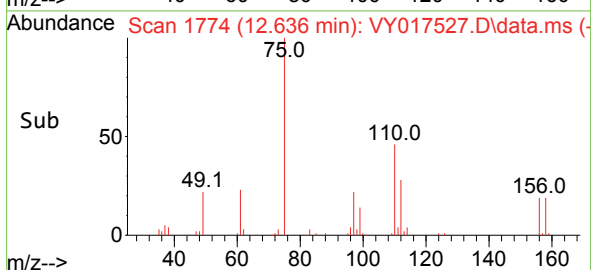
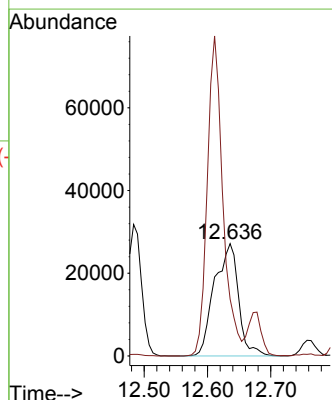
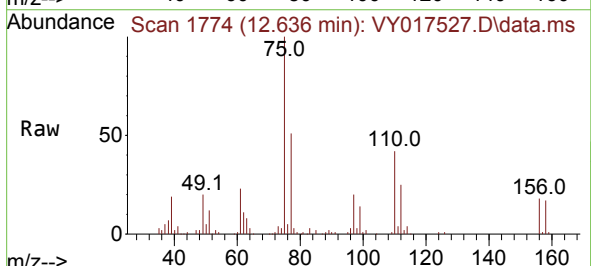
Acq: 29 Feb 2024 10:54

Tgt Ion: 75 Resp: 71720

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.713 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC050EC

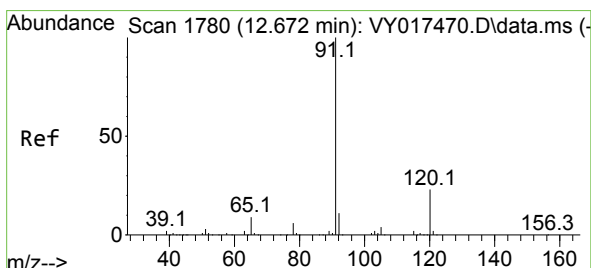
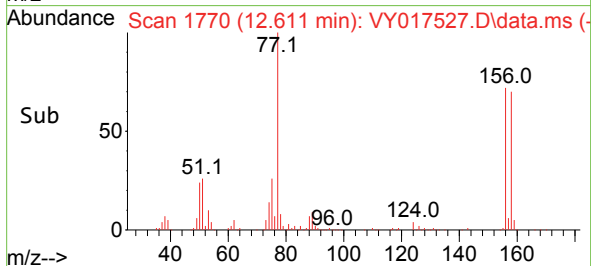
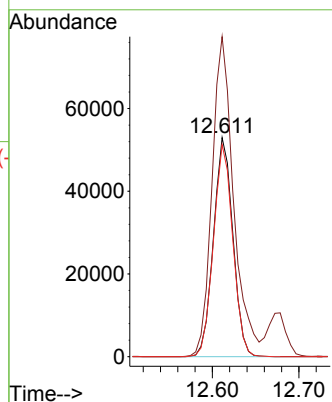
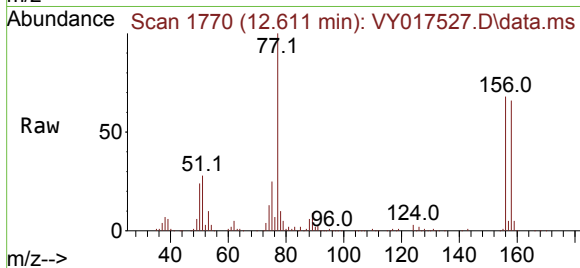
Tgt Ion:156 Resp: 82261

Ion Ratio Lower Upper

156 100

77 162.3 87.1 261.3

158 96.9 48.6 145.9



#78

n-propylbenzene

Concen: 49.699 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017527.D

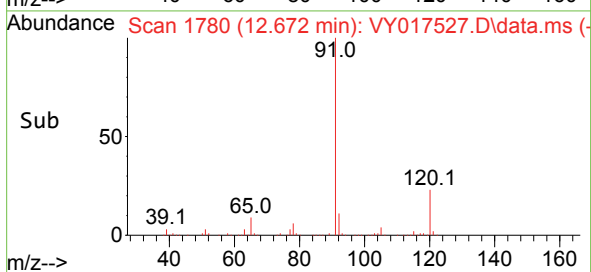
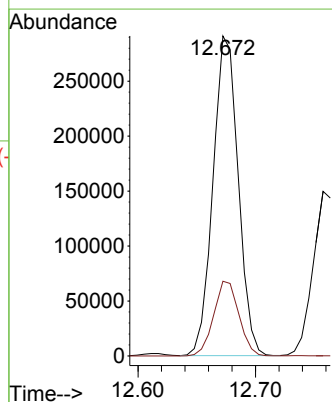
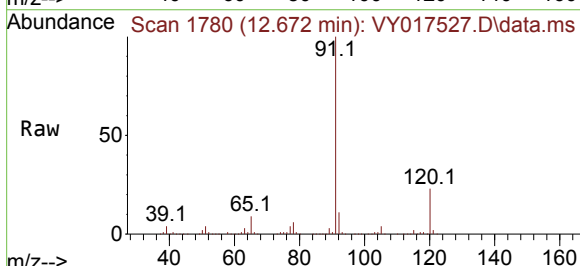
Acq: 29 Feb 2024 10:54

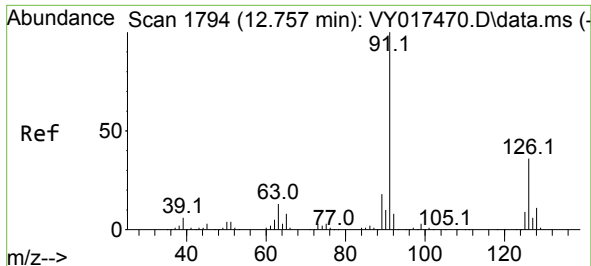
Tgt Ion: 91 Resp: 433639

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

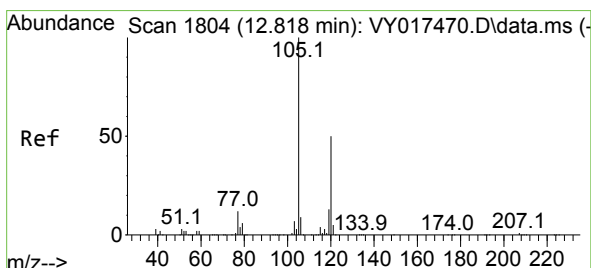
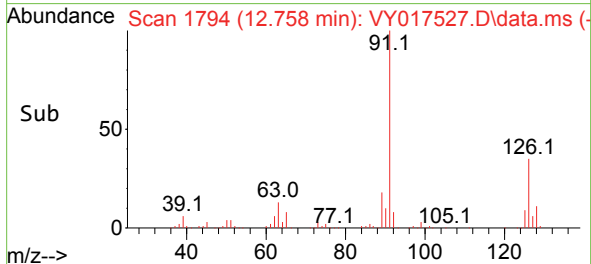
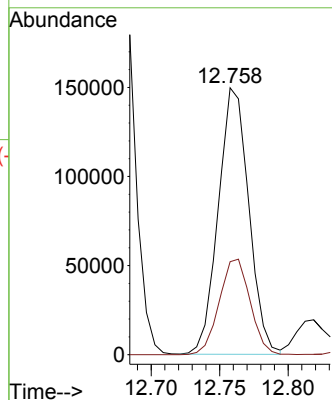
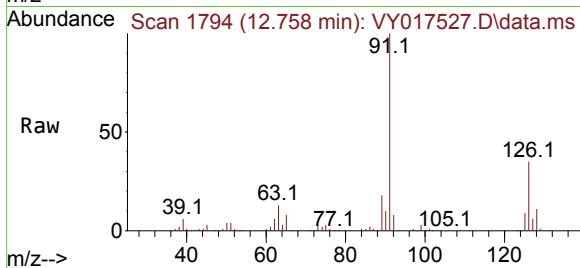




#79
2-Chlorotoluene
Concen: 47.505 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

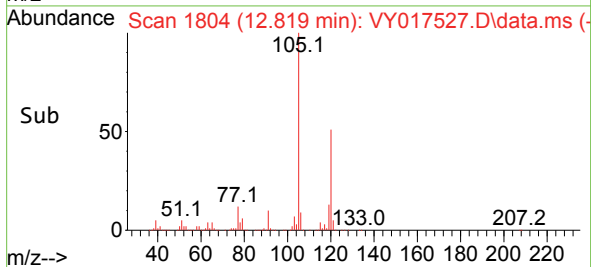
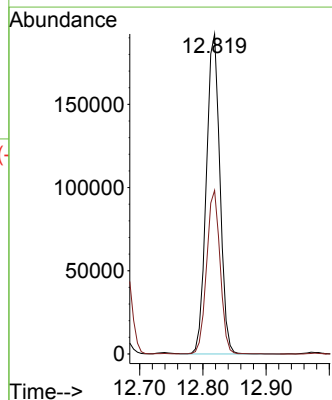
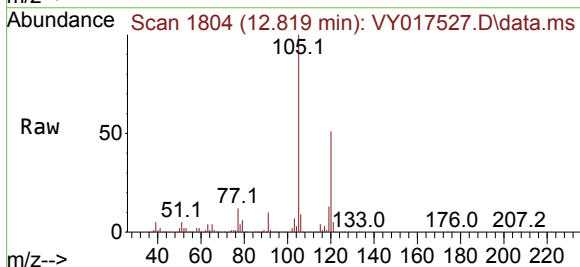
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

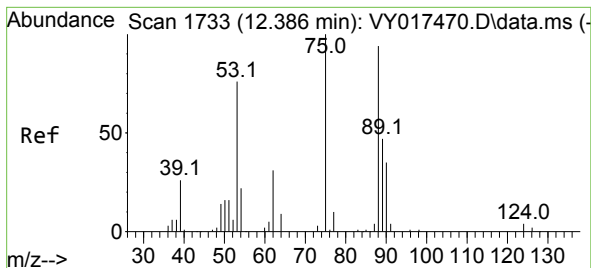
Tgt Ion: 91 Resp: 232066
Ion Ratio Lower Upper
91 100
126 36.3 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 49.376 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion:105 Resp: 287658
Ion Ratio Lower Upper
105 100
120 50.6 25.1 75.2

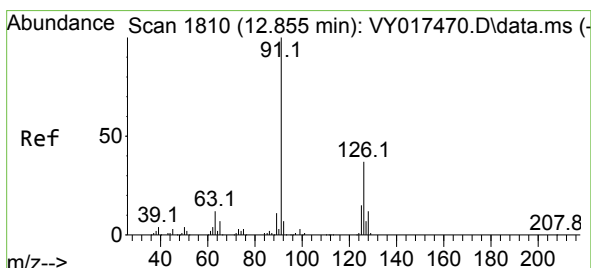
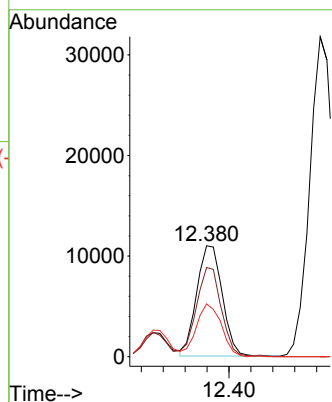
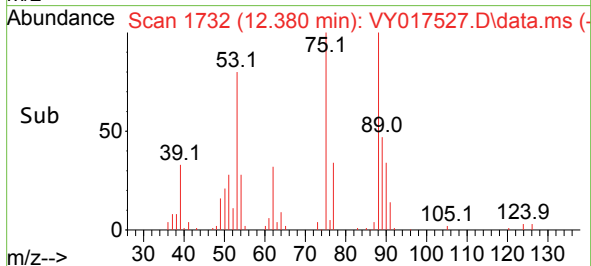
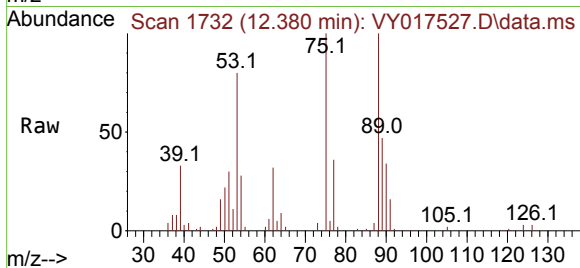




#81
trans-1,4-Dichloro-2-butene
Concen: 43.982 ug/l
RT: 12.380 min Scan# 1733
Delta R.T. -0.006 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

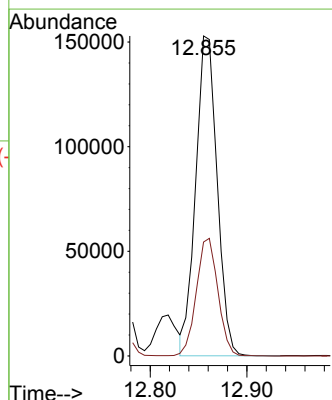
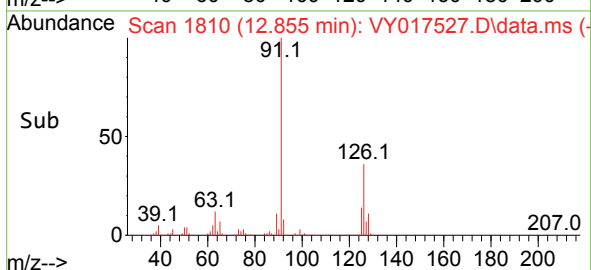
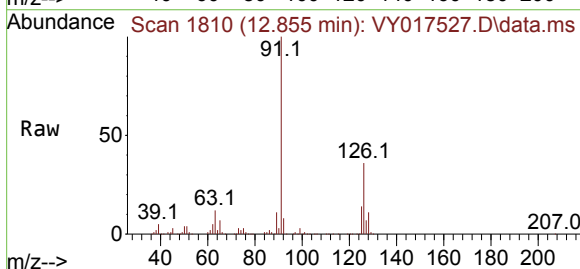
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

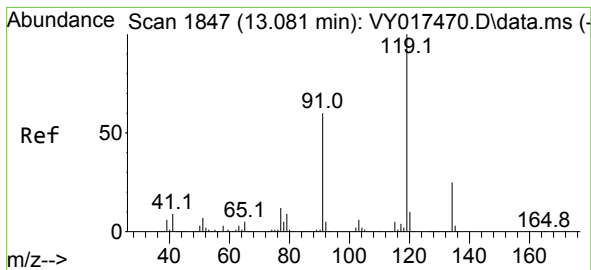
Tgt Ion: 75 Resp: 17801
Ion Ratio Lower Upper
75 100
53 79.7 66.8 100.2
89 46.9 35.8 53.6



#82
4-Chlorotoluene
Concen: 47.190 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 91 Resp: 235789
Ion Ratio Lower Upper
91 100
126 37.1 17.6 52.9

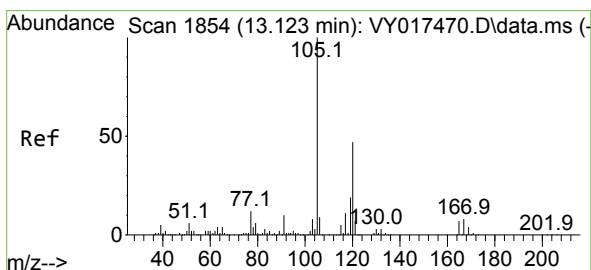
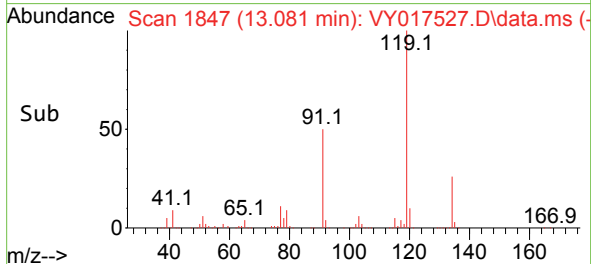
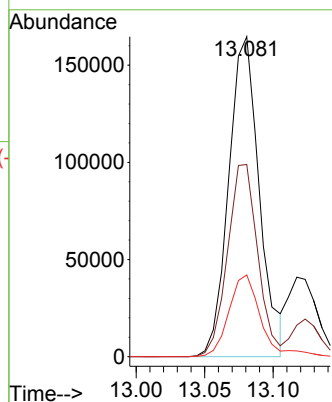
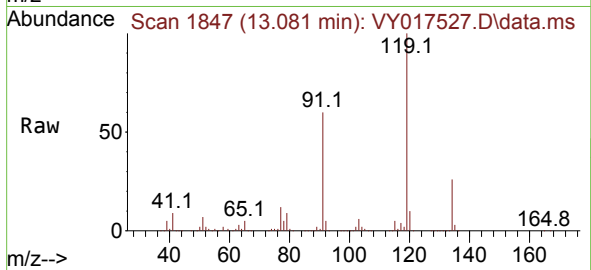




#83
tert-Butylbenzene
Concen: 50.202 ug/l
RT: 13.081 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

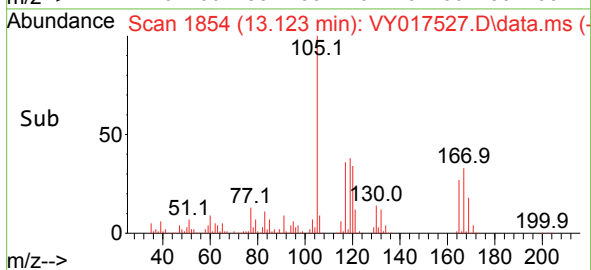
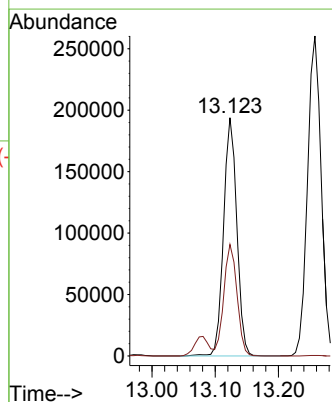
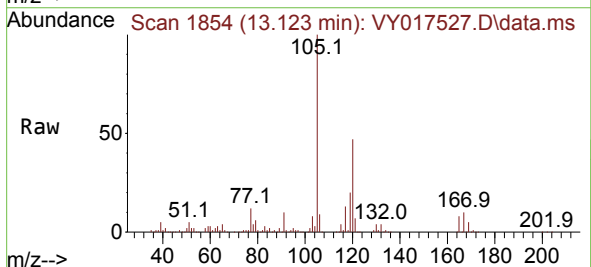
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

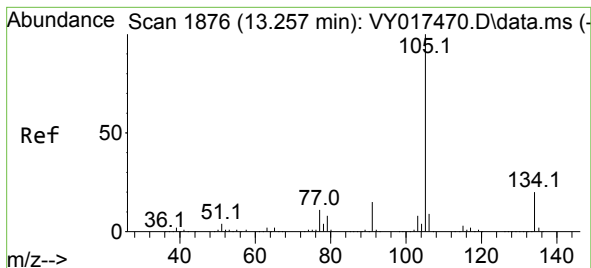
Tgt Ion:119 Resp: 256824
Ion Ratio Lower Upper
119 100
91 59.4 31.3 93.8
134 26.6 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 48.846 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion:105 Resp: 280940
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 49.697 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

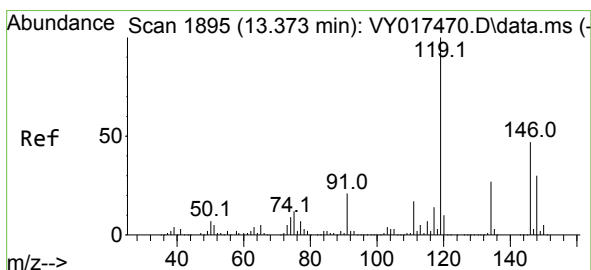
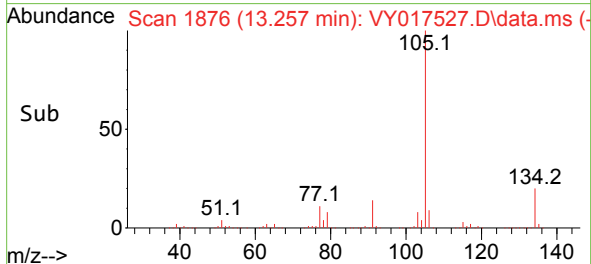
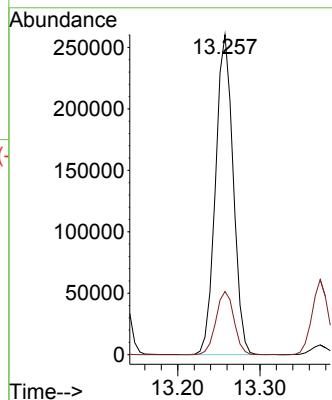
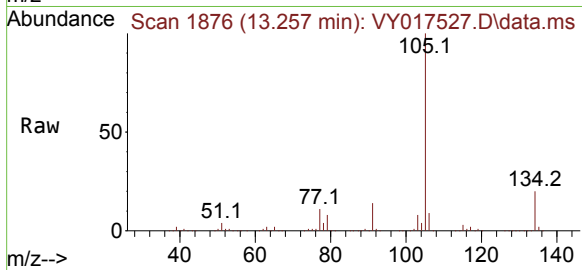
VSTDCCC050EC

Tgt Ion:105 Resp: 388698

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 49.329 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

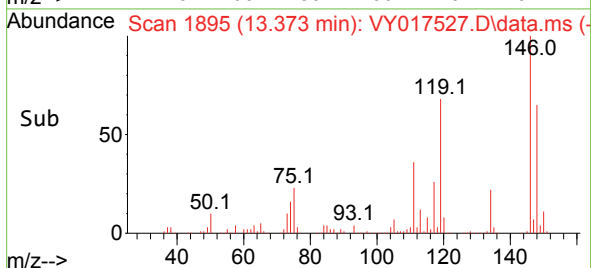
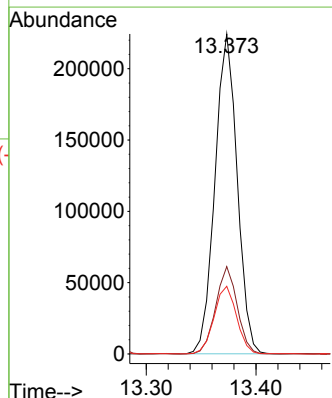
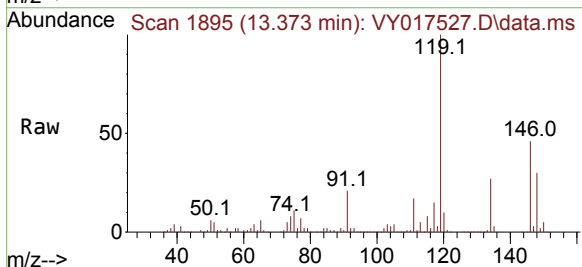
Tgt Ion:119 Resp: 315837

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 21.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 46.225 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

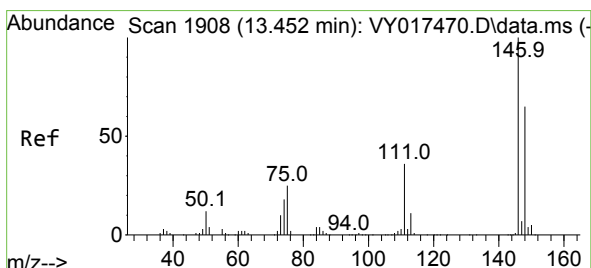
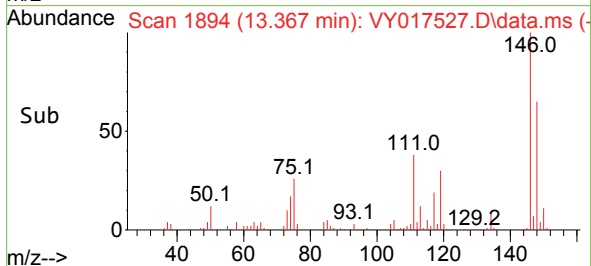
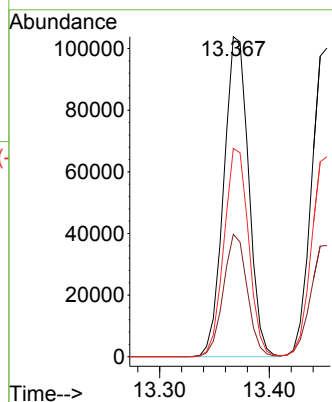
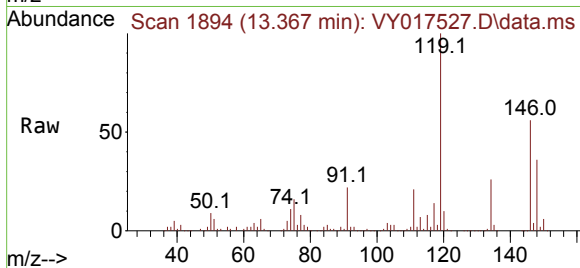
Tgt Ion:146 Resp: 163390

Ion Ratio Lower Upper

146 100

111 36.8 19.0 57.0

148 64.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 45.764 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

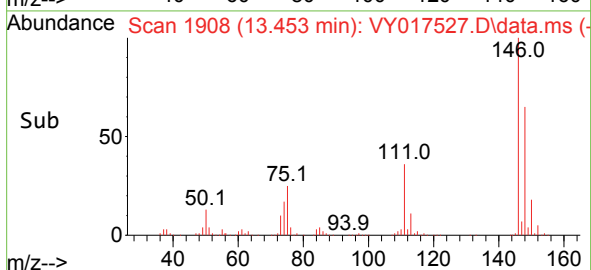
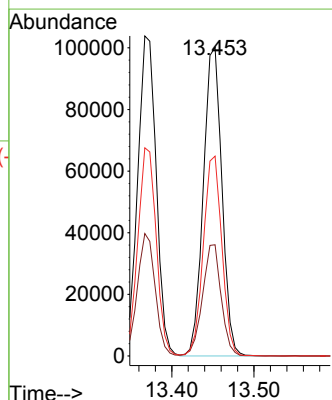
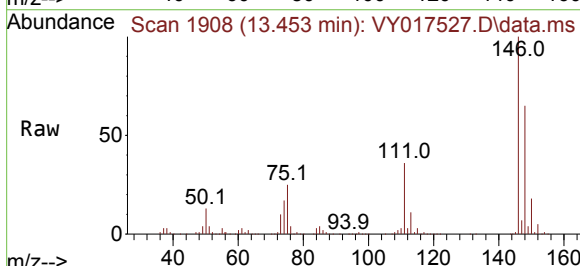
Tgt Ion:146 Resp: 157264

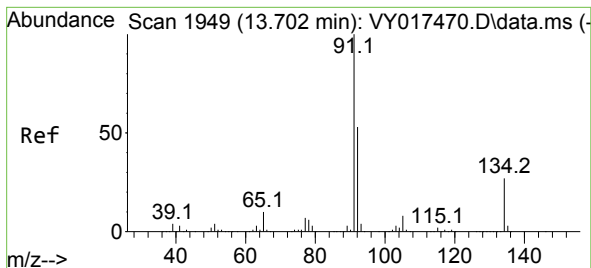
Ion Ratio Lower Upper

146 100

111 36.3 18.4 55.4

148 64.7 32.4 97.2





#89

n-Butylbenzene

Concen: 48.544 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

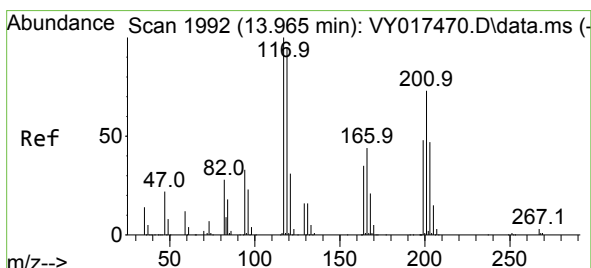
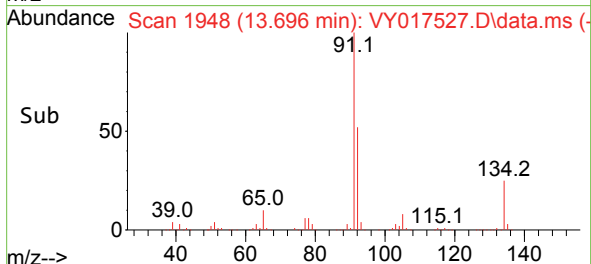
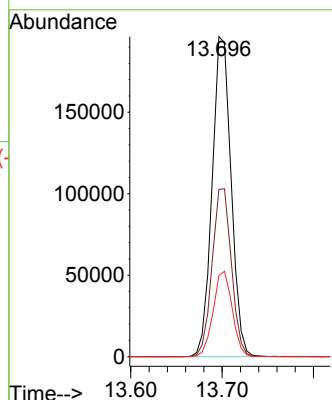
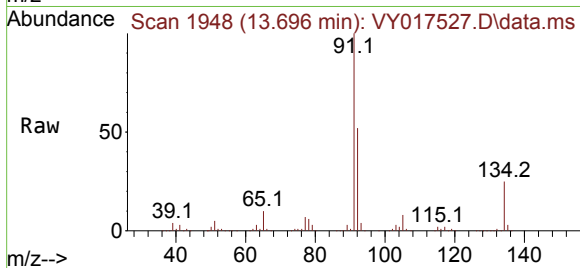
Tgt Ion: 91 Resp: 283576

Ion Ratio Lower Upper

91 100

92 53.4 26.6 79.7

134 26.7 12.9 38.7



#90

Hexachloroethane

Concen: 47.869 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017527.D

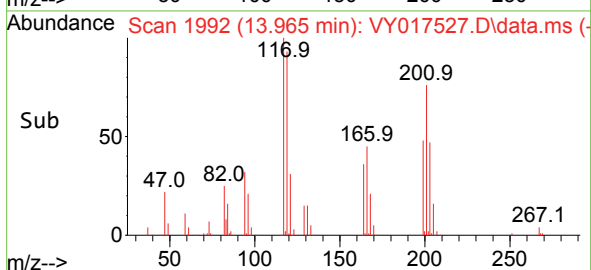
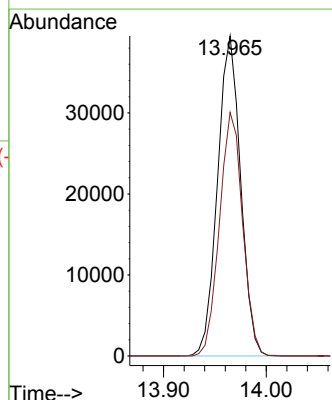
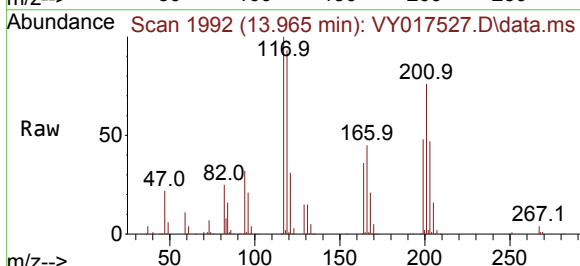
Acq: 29 Feb 2024 10:54

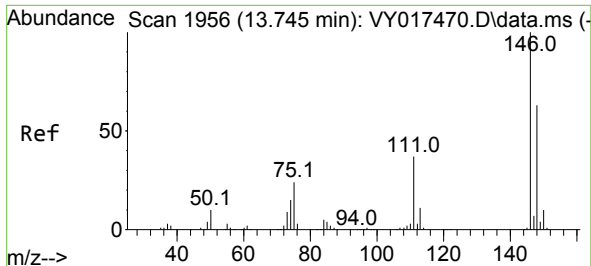
Tgt Ion: 117 Resp: 61446

Ion Ratio Lower Upper

117 100

201 76.5 37.4 112.2

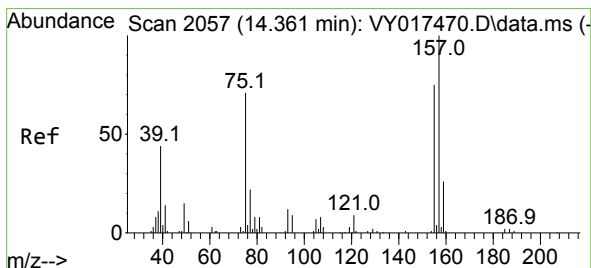
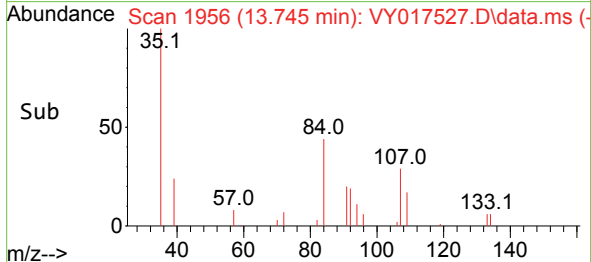
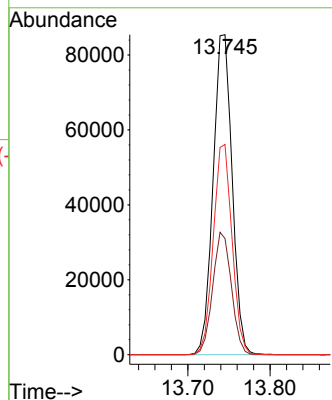
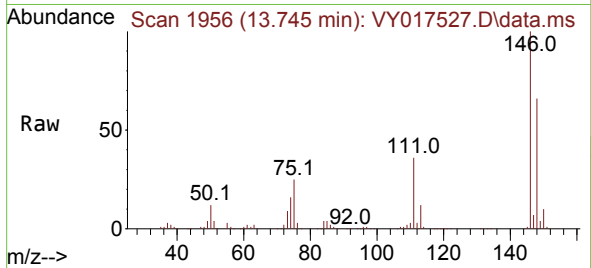




#91
1,2-Dichlorobenzene
Concen: 46.044 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

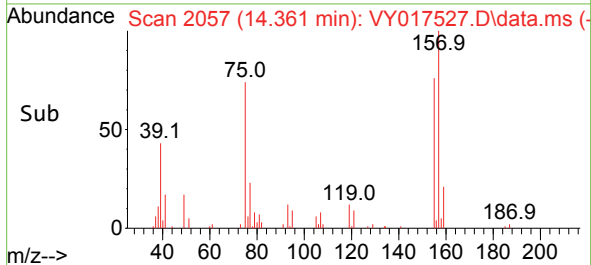
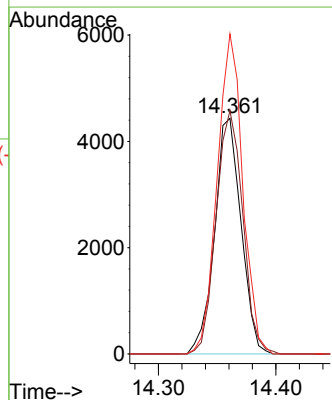
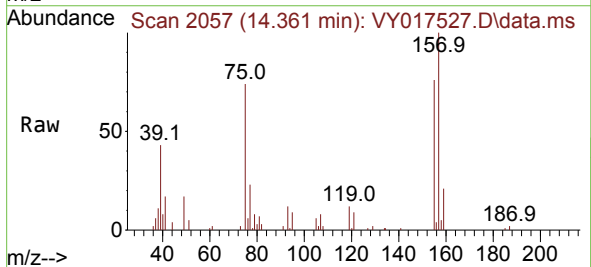
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

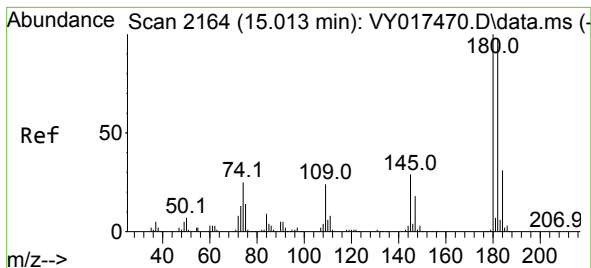
Tgt Ion:146 Resp: 137662
Ion Ratio Lower Upper
146 100
111 37.6 19.9 59.7
148 64.8 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 39.591 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017527.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 75 Resp: 6950
Ion Ratio Lower Upper
75 100
155 103.8 48.6 145.8
157 130.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 43.524 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

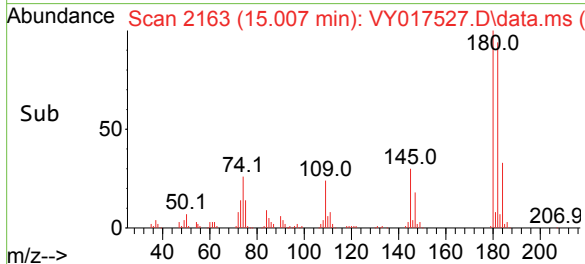
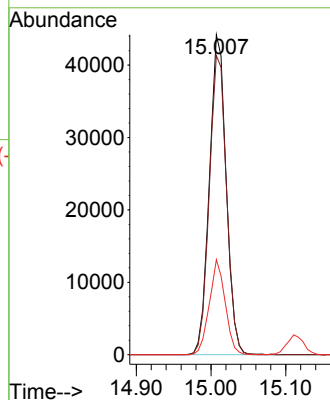
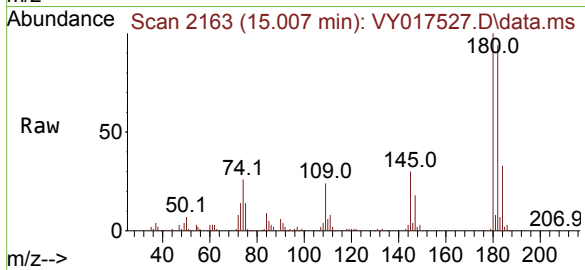
Tgt Ion:180 Resp: 68735

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.8

145 28.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 44.408 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

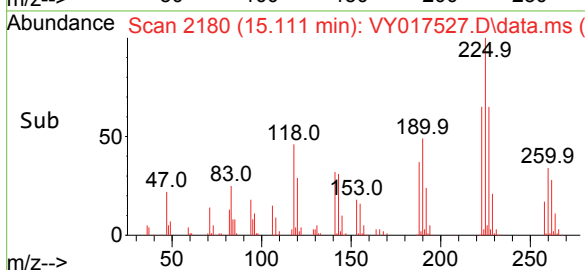
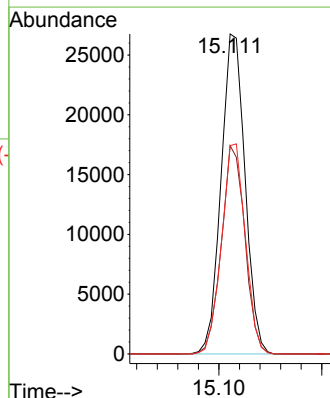
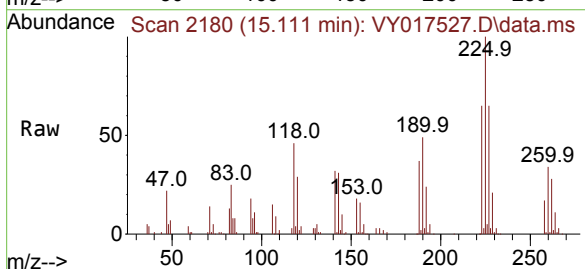
Tgt Ion:225 Resp: 43299

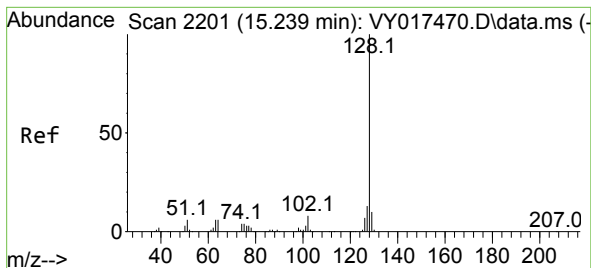
Ion Ratio Lower Upper

225 100

223 63.6 30.4 91.2

227 65.1 31.9 95.9





#95

Naphthalene

Concen: 37.570 ug/l

RT: 15.239 min Scan# 2117

Delta R.T. -0.000 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

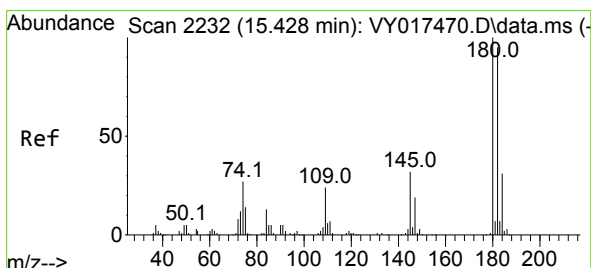
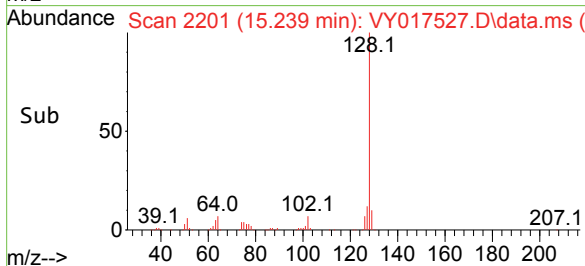
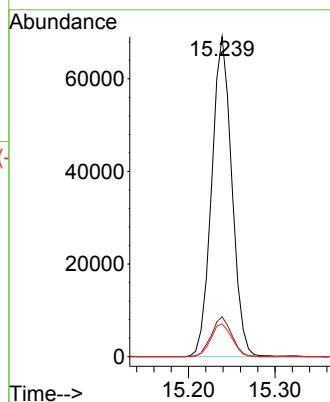
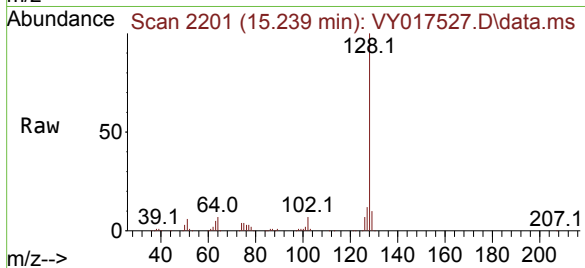
Tgt Ion:128 Resp: 111736

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 42.410 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017527.D

Acq: 29 Feb 2024 10:54

Tgt Ion:180 Resp: 57457

Ion Ratio Lower Upper

180 100

182 92.9 47.6 142.9

145 29.9 15.4 46.1

