

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017279.D
 Acq On : 07 Feb 2024 10:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 08 01:39:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	102597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	177825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	150034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	67778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	40560	44.253	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.500%
35) Dibromofluoromethane	7.728	113	43433	45.236	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.480%
50) Toluene-d8	10.191	98	163404	46.743	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.480%
62) 4-Bromofluorobenzene	12.495	95	52324	45.691	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	33023	42.459	ug/l	98
3) Chloromethane	2.113	50	85474	61.175	ug/l	99
4) Vinyl Chloride	2.259	62	101102	59.379	ug/l	99
5) Bromomethane	2.662	94	73330	62.131	ug/l	96
6) Chloroethane	2.802	64	67252	61.173	ug/l	96
7) Trichlorofluoromethane	3.131	101	91300	52.147	ug/l	97
8) Diethyl Ether	3.540	74	25823	46.889	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	54234	51.100	ug/l	97
10) Methyl Iodide	4.101	142	55323	49.582	ug/l	99
11) Tert butyl alcohol	4.991	59	12188	151.494	ug/l	96
12) 1,1-Dichloroethene	3.881	96	49816	50.092	ug/l	96
13) Acrolein	3.741	56	14329	185.666	ug/l	95
14) Allyl chloride	4.491	41	80405	53.480	ug/l	96
15) Acrylonitrile	5.180	53	53774	216.865	ug/l	100
16) Acetone	3.966	43	54636	202.819	ug/l	100
17) Carbon Disulfide	4.210	76	154701	48.732	ug/l	98
18) Methyl Acetate	4.497	43	28355	47.184	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	113854	47.536	ug/l	97
20) Methylene Chloride	4.729	84	57134	51.919	ug/l	98
21) trans-1,2-Dichloroethene	5.235	96	59075	52.217	ug/l	98
22) Diisopropyl ether	6.131	45	178390	54.031	ug/l	98
23) Vinyl Acetate	6.076	43	483381	241.629	ug/l	99
24) 1,1-Dichloroethane	6.033	63	106952	52.880	ug/l	98
25) 2-Butanone	7.003	43	72939	203.676	ug/l	98
26) 2,2-Dichloropropane	6.996	77	92139	54.769	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	66867	52.845	ug/l	98
28) Bromochloromethane	7.350	49	35874	46.323	ug/l	94
29) Tetrahydrofuran	7.362	42	41765	206.455	ug/l	97
30) Chloroform	7.521	83	107959	53.061	ug/l	98
31) Cyclohexane	7.801	56	93361	50.537	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	95421	54.523	ug/l	98
36) 1,1-Dichloropropene	7.929	75	86483	52.218	ug/l	99
37) Ethyl Acetate	7.088	43	31013	40.374	ug/l	99
38) Carbon Tetrachloride	7.917	117	83747	52.813	ug/l	99
39) Methylcyclohexane	9.197	83	102834	53.148	ug/l	99
40) Benzene	8.173	78	246012	52.016	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	16882	46.386	ug/l	95
42) 1,2-Dichloroethane	8.252	62	60954	48.676	ug/l	99
43) Isopropyl Acetate	8.283	43	59015	43.400	ug/l	99
44) Trichloroethene	8.953	130	61494	51.221	ug/l	97
45) 1,2-Dichloropropane	9.228	63	60829	52.361	ug/l	98
46) Dibromomethane	9.319	93	29141	46.438	ug/l	97
47) Bromodichloromethane	9.508	83	80076	50.988	ug/l	94
48) Methyl methacrylate	9.307	41	28694	44.988	ug/l	97
49) 1,4-Dioxane	9.313	88	5292	774.778	ug/l	92
51) 4-Methyl-2-Pentanone	10.081	43	157140	215.581	ug/l	99
52) Toluene	10.258	92	151919	53.215	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	71795	48.669	ug/l	96
54) cis-1,3-Dichloropropene	9.941	75	89192	50.479	ug/l	94
55) 1,1,2-Trichloroethane	10.654	97	40030	46.885	ug/l	95
56) Ethyl methacrylate	10.520	69	48583	42.756	ug/l	96
57) 1,3-Dichloropropane	10.801	76	70483	47.997	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	130155	244.698	ug/l	98
59) 2-Hexanone	10.843	43	113151	214.675	ug/l	98
60) Dibromochloromethane	10.996	129	47409	47.332	ug/l	100
61) 1,2-Dibromoethane	11.099	107	37017	46.617	ug/l	97
64) Tetrachloroethene	10.734	164	49948	51.260	ug/l	97
65) Chlorobenzene	11.526	112	152371	52.646	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.605	131	54849	52.147	ug/l	99
67) Ethyl Benzene	11.605	91	292244	55.870	ug/l	99
68) m/p-Xylenes	11.715	106	221559	111.613	ug/l	99
69) o-Xylene	12.044	106	101161	55.339	ug/l	98
70) Styrene	12.057	104	170176	56.500	ug/l	99
71) Bromoform	12.221	173	25164	45.683	ug/l #	98
73) Isopropylbenzene	12.343	105	276465	55.524	ug/l	100
74) N-amyl acetate	12.154	43	53340	47.676	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	44187	45.120	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	55000	87.918	ug/l #	100
77) Bromobenzene	12.623	156	54205	49.079	ug/l	98
78) n-propylbenzene	12.684	91	346845	56.717	ug/l	99
79) 2-Chlorotoluene	12.770	91	185931	55.303	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	222265	56.127	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	13935	46.285	ug/l	97
82) 4-Chlorotoluene	12.867	91	187756	54.261	ug/l	100
83) tert-Butylbenzene	13.087	119	189879	55.937	ug/l	96
84) 1,2,4-Trimethylbenzene	13.129	105	218283	55.844	ug/l	98
85) sec-Butylbenzene	13.264	105	304194	57.337	ug/l	100
86) p-Isopropyltoluene	13.379	119	240891	56.820	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	113779	51.640	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	110319	51.537	ug/l	99
89) n-Butylbenzene	13.709	91	234581	58.196	ug/l	99
90) Hexachloroethane	13.971	117	46929	53.920	ug/l	96
91) 1,2-Dichlorobenzene	13.751	146	95616	50.977	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	5421	42.496	ug/l	95
93) 1,2,4-Trichlorobenzene	15.019	180	48375	51.923	ug/l	98
94) Hexachlorobutadiene	15.123	225	28457	51.861	ug/l	99
95) Naphthalene	15.251	128	83365	44.930	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	39533	49.892	ug/l	97

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QLast Update : Fri Feb 02 00:56:04 2024
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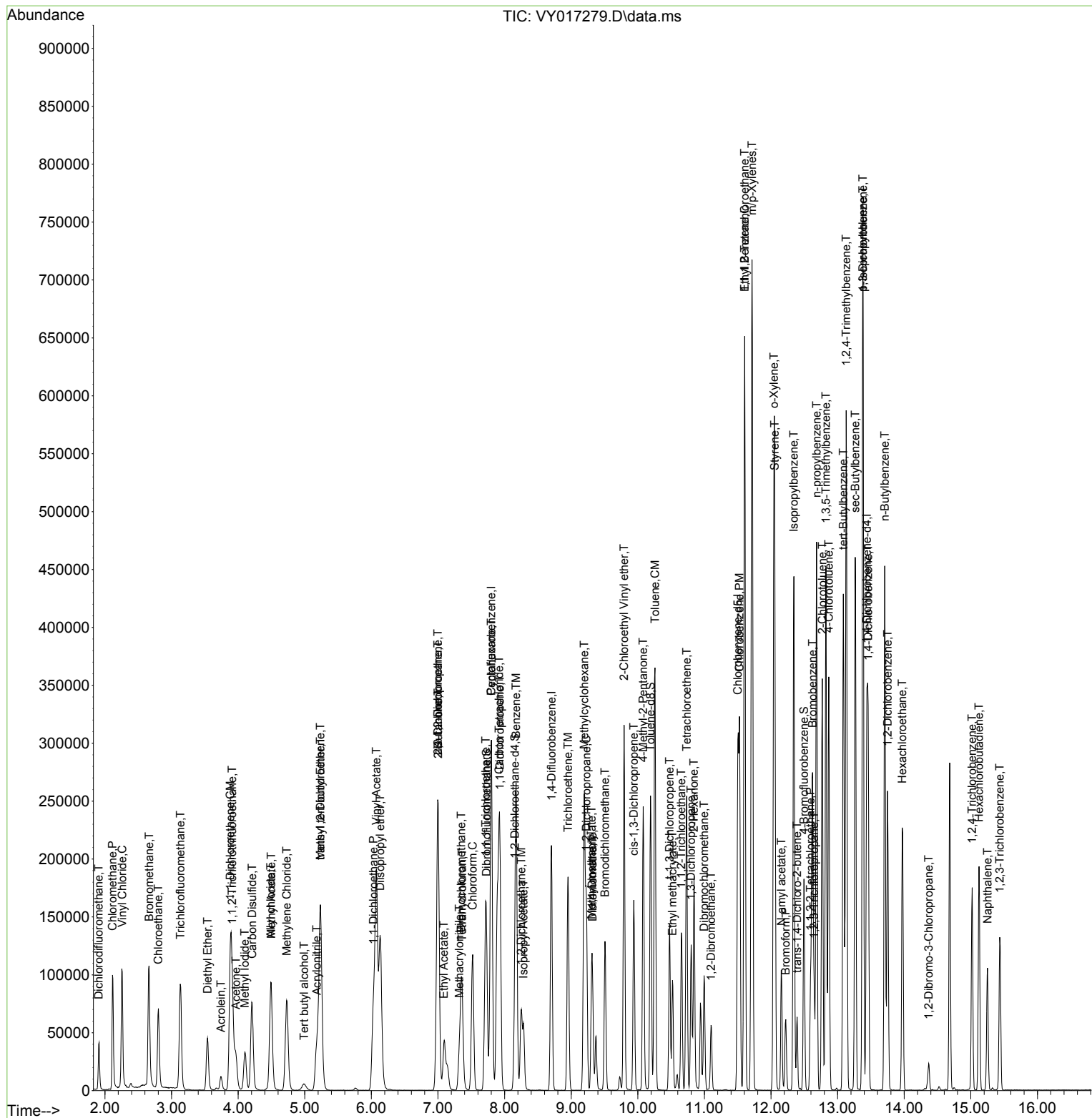
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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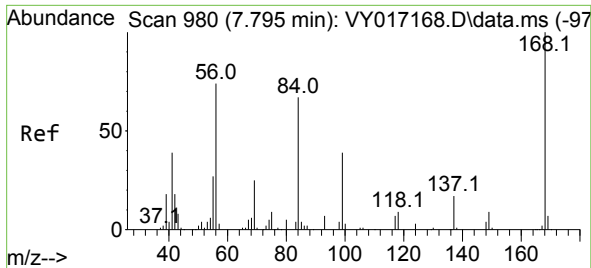
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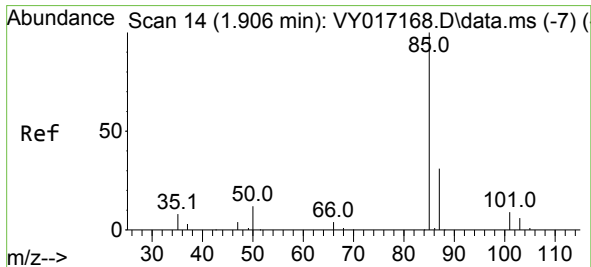
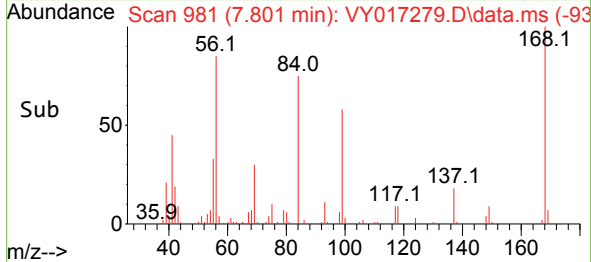
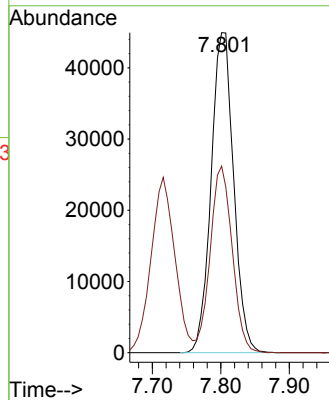
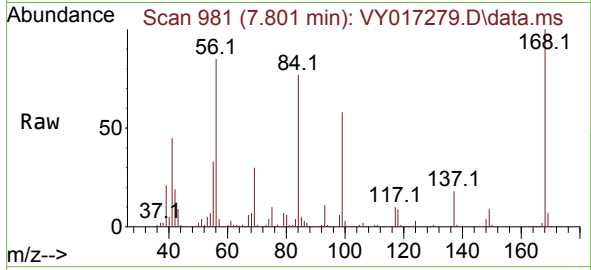




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
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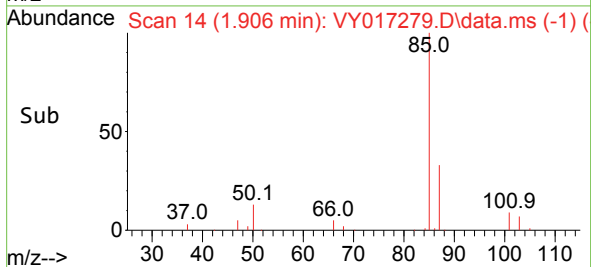
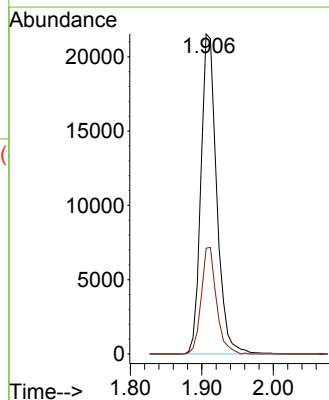
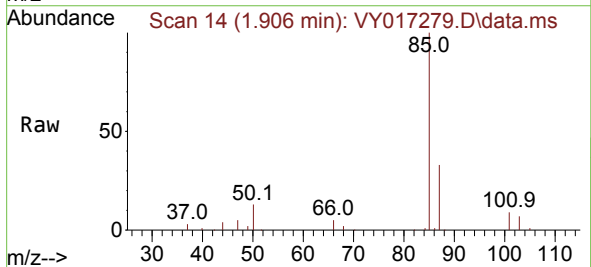
Instrument :
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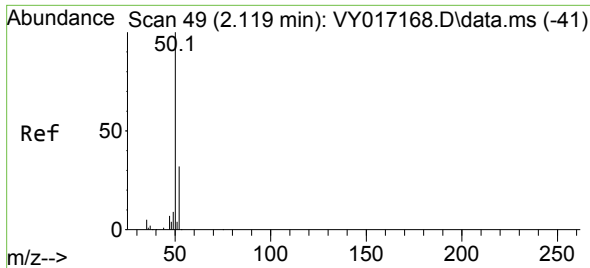
Tgt Ion:168 Resp: 102597
Ion Ratio Lower Upper
168 100
99 58.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 42.459 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion: 85 Resp: 33023
Ion Ratio Lower Upper
85 100
87 33.1 17.1 51.3

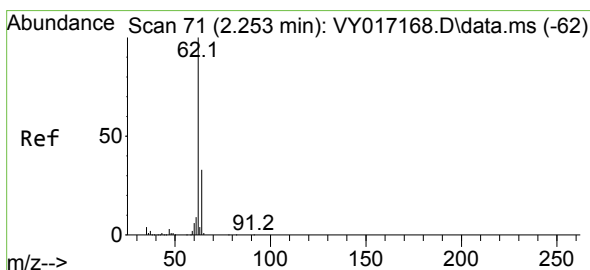
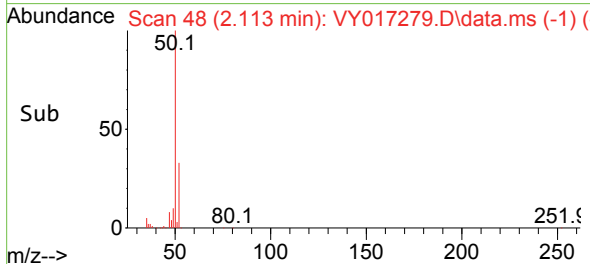
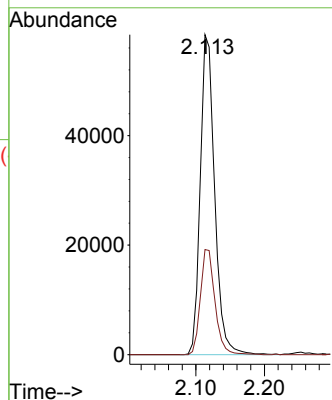
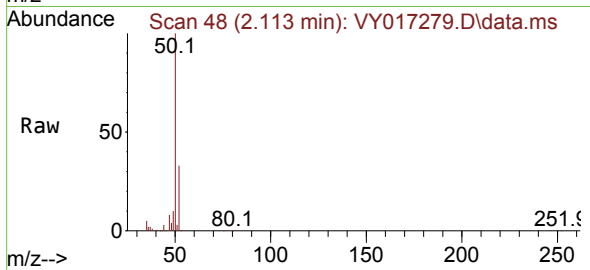




#3
Chloromethane
Concen: 61.175 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

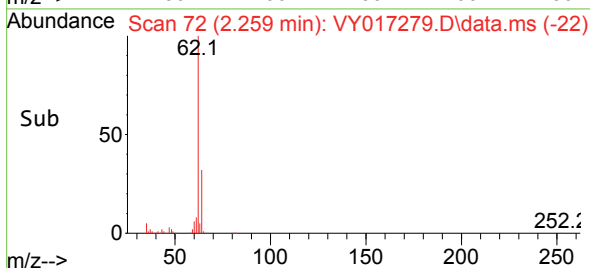
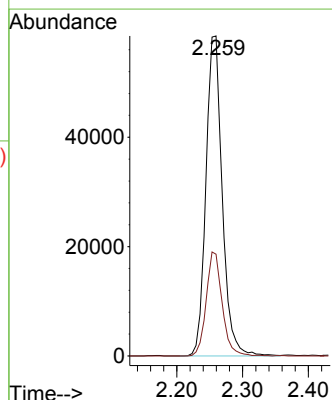
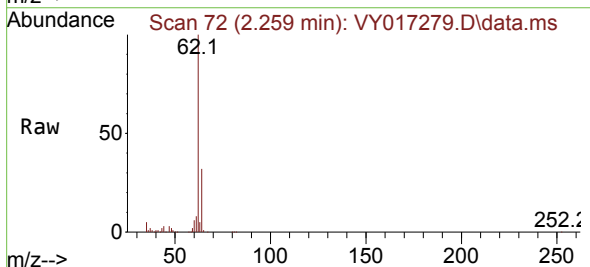
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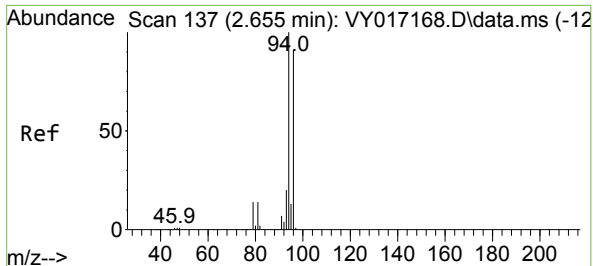
Tgt Ion: 50 Resp: 85474
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1



#4
Vinyl Chloride
Concen: 59.379 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion: 62 Resp: 101102
Ion Ratio Lower Upper
62 100
64 31.8 25.7 38.5

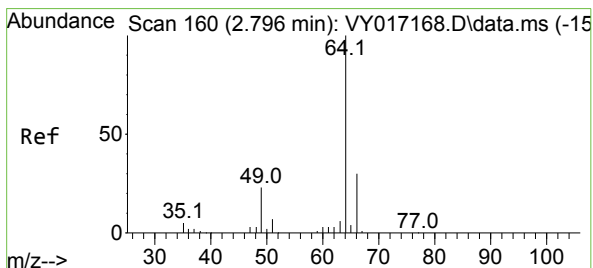
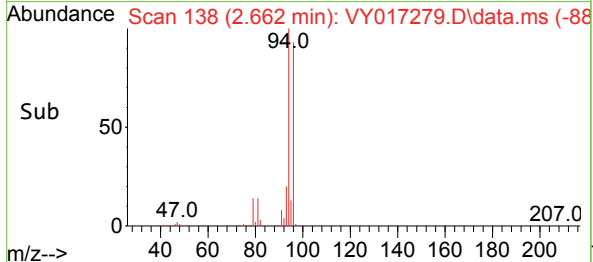
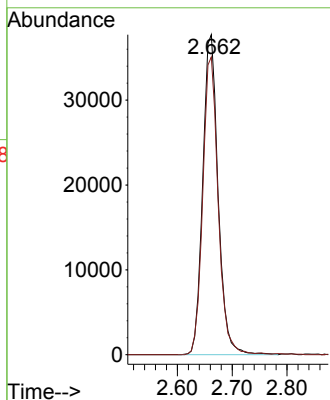
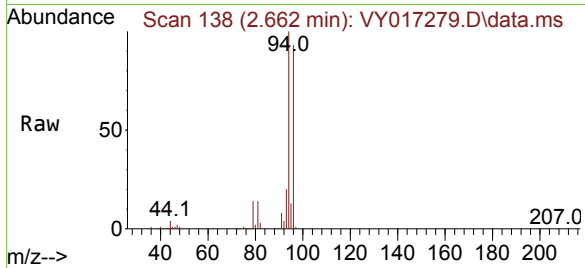




#5
Bromomethane
Concen: 62.131 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017279.D
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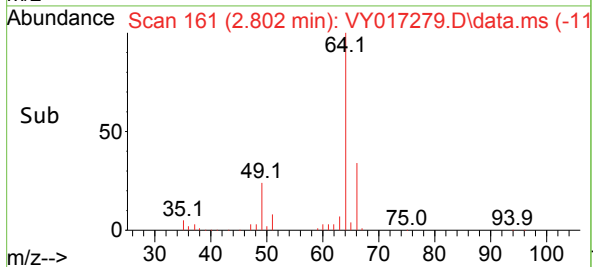
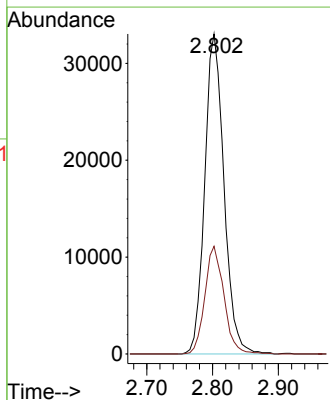
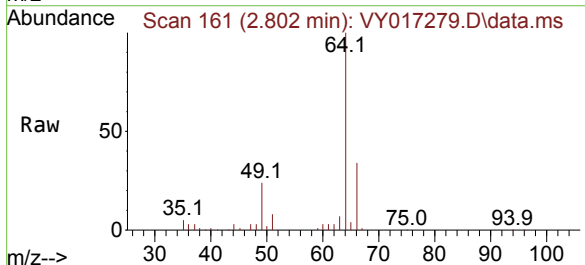
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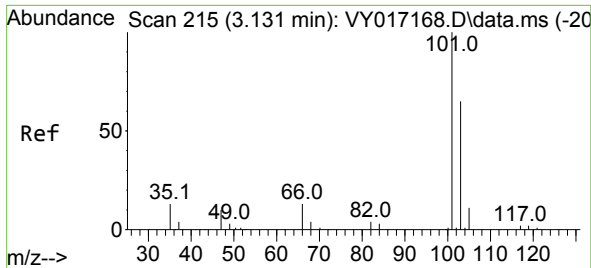
Tgt Ion: 94 Resp: 73330
Ion Ratio Lower Upper
94 100
96 93.1 77.3 115.9



#6
Chloroethane
Concen: 61.173 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
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Tgt Ion: 64 Resp: 67252
Ion Ratio Lower Upper
64 100
66 33.6 25.1 37.7

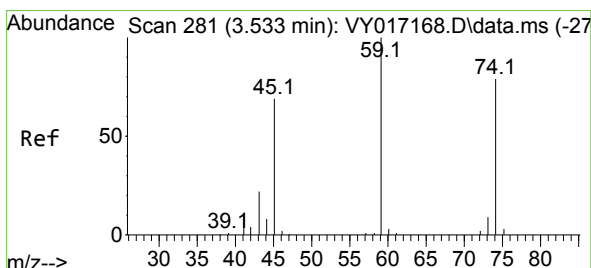
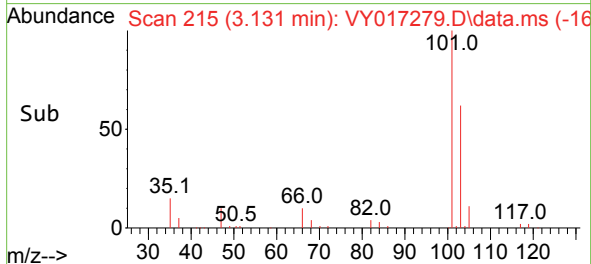
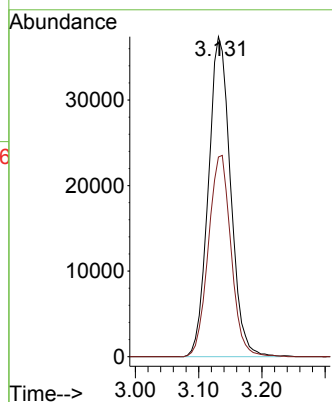
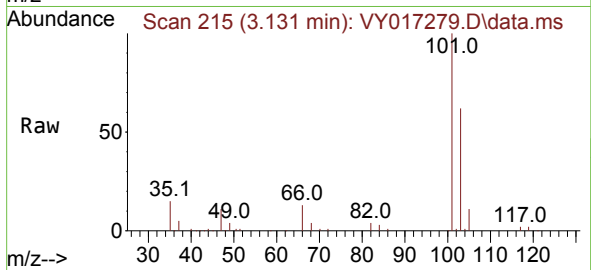




#7
 Trichlorofluoromethane
 Concen: 52.147 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY017279.D
 Acq: 07 Feb 2024 10:13

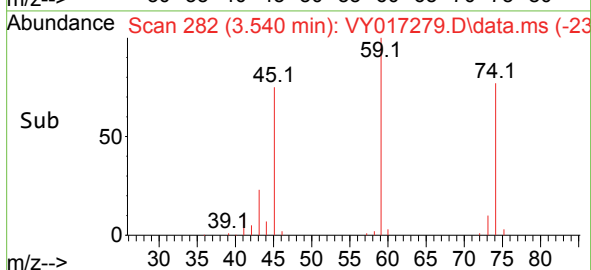
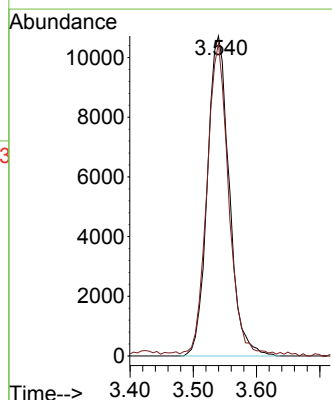
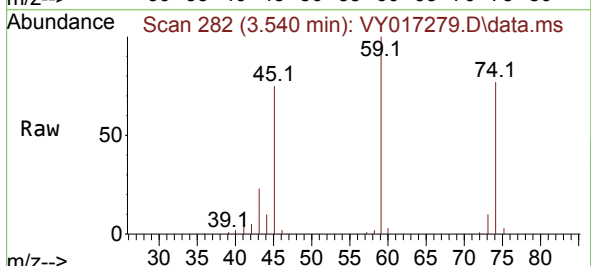
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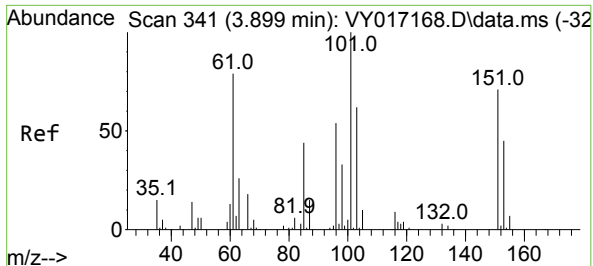
Tgt Ion:101 Resp: 91300
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.9 77.9



#8
 Diethyl Ether
 Concen: 46.889 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.007 min
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Tgt Ion: 74 Resp: 25823
 Ion Ratio Lower Upper
 74 100
 45 95.8 47.9 143.7

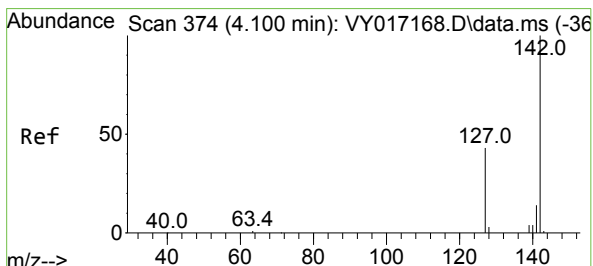
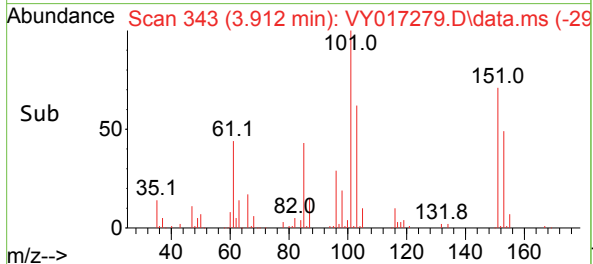
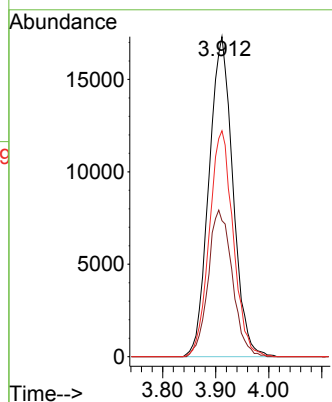
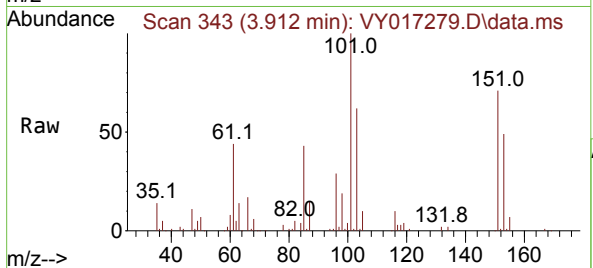




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.100 ug/l
RT: 3.912 min Scan# 341
Delta R.T. 0.013 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

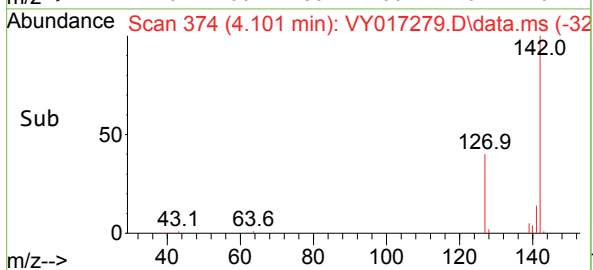
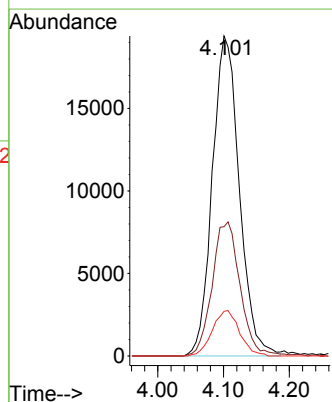
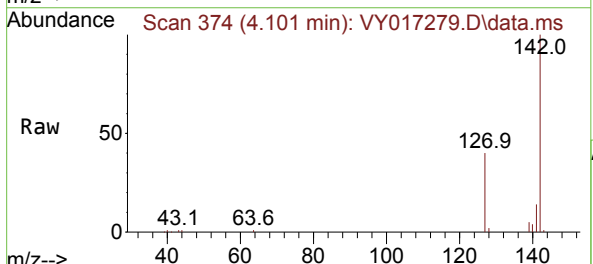
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

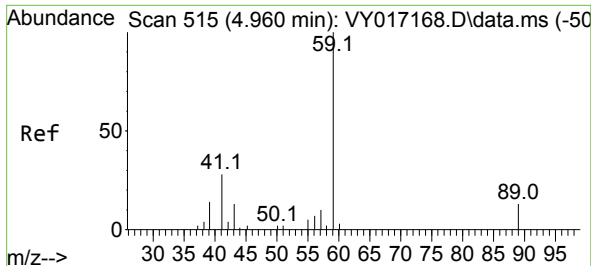
Tgt Ion:101 Resp: 54234
Ion Ratio Lower Upper
101 100
85 46.2 35.8 53.6
151 70.5 58.6 88.0



#10
Methyl Iodide
Concen: 49.582 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion:142 Resp: 55323
Ion Ratio Lower Upper
142 100
127 43.4 35.1 52.7
141 14.3 11.8 17.6

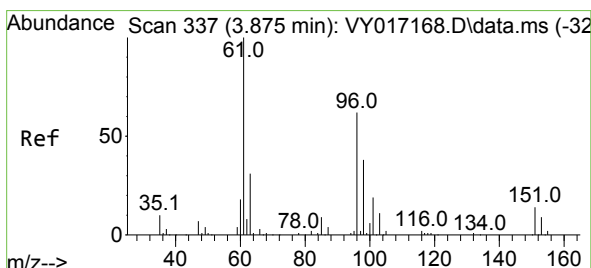
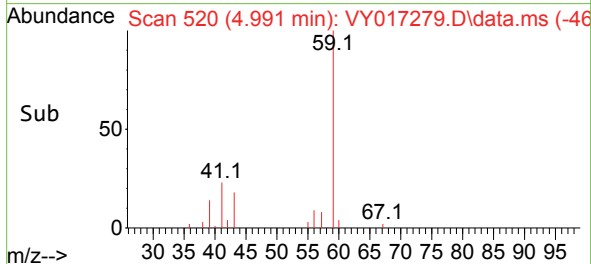
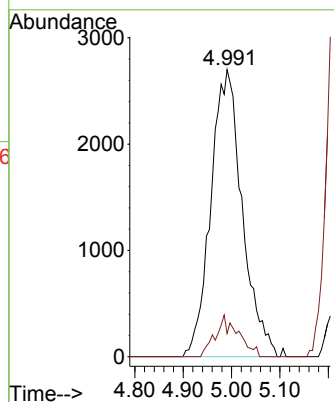
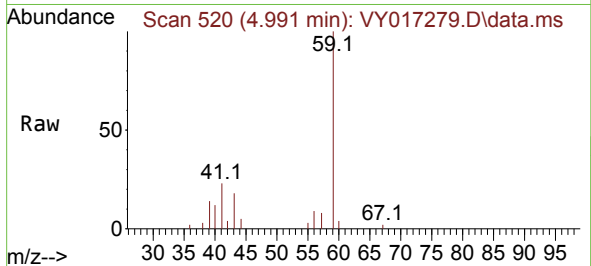




#11
Tert butyl alcohol
Concen: 151.494 ug/l
RT: 4.991 min Scan# 51
Delta R.T. 0.031 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

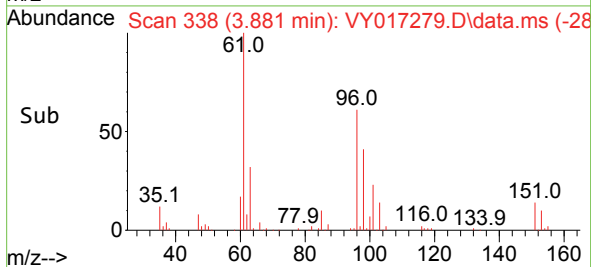
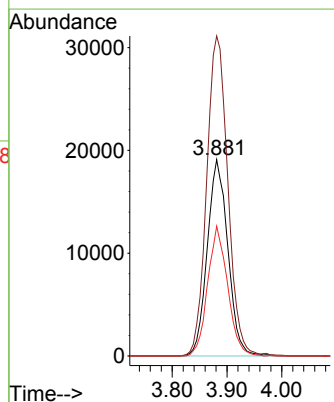
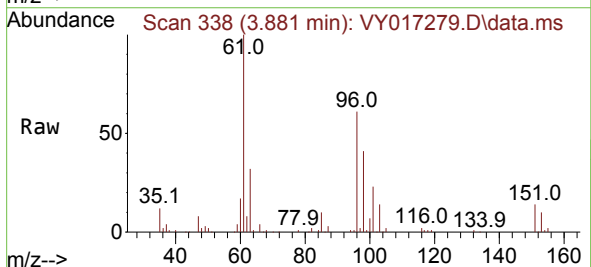
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

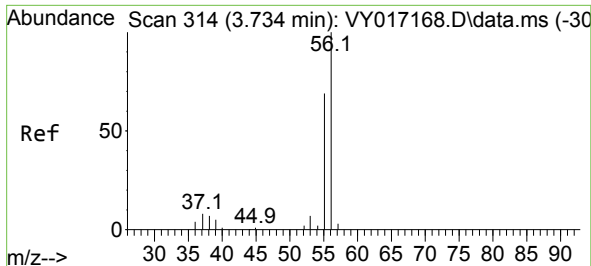
Tgt Ion: 59 Resp: 12188
Ion Ratio Lower Upper
59 100
57 10.5 7.4 11.0



#12
1,1-Dichloroethene
Concen: 50.092 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion: 96 Resp: 49816
Ion Ratio Lower Upper
96 100
61 163.0 124.2 186.2
98 66.1 52.6 79.0

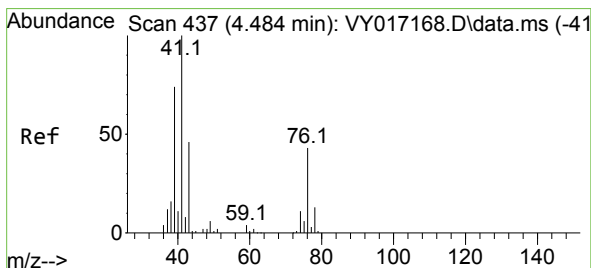
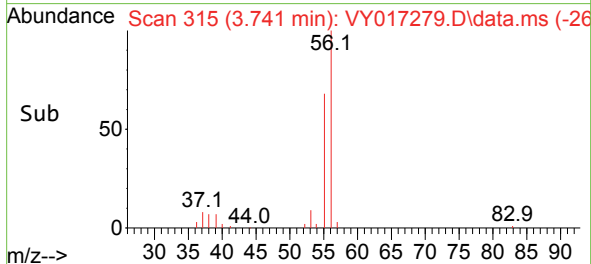
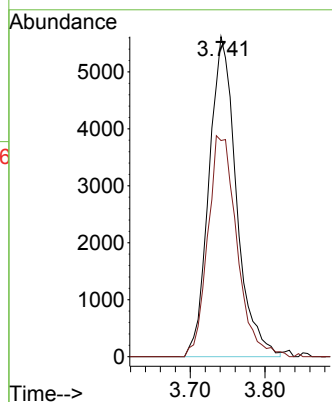
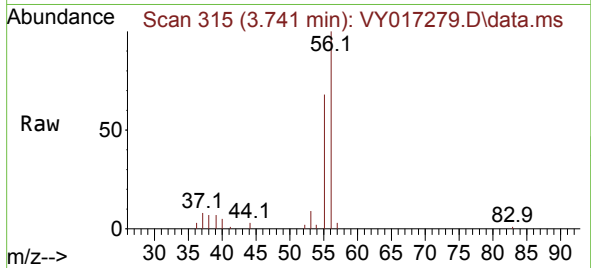




#13
Acrolein
Concen: 185.666 ug/l
RT: 3.741 min Scan# 314
Delta R.T. 0.007 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

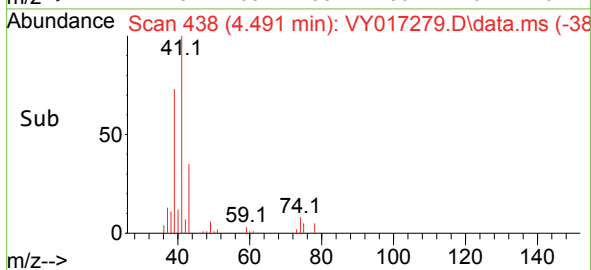
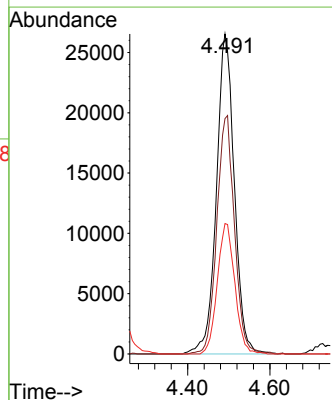
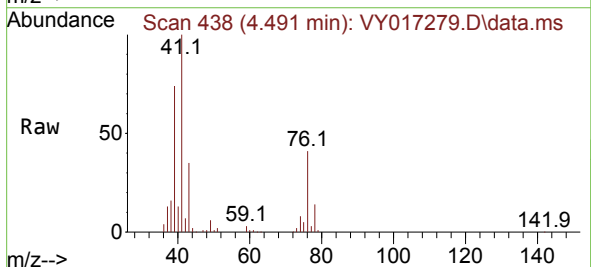
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

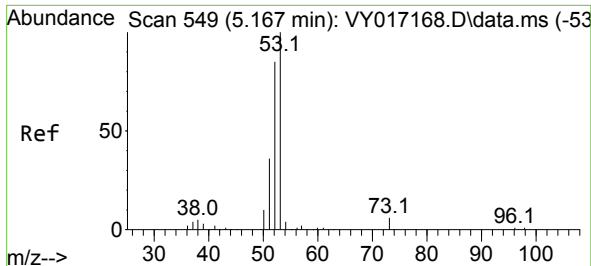
Tgt Ion: 56 Resp: 14329
Ion Ratio Lower Upper
56 100
55 73.3 55.4 83.0



#14
Allyl chloride
Concen: 53.480 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion: 41 Resp: 80405
Ion Ratio Lower Upper
41 100
39 73.2 54.7 82.1
76 39.8 31.8 47.6

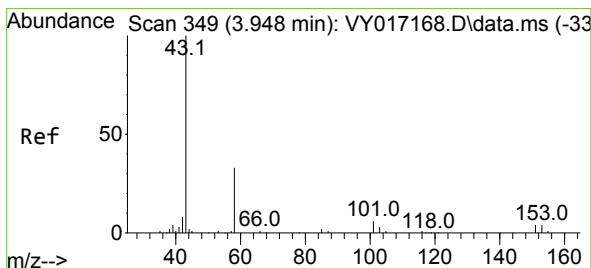
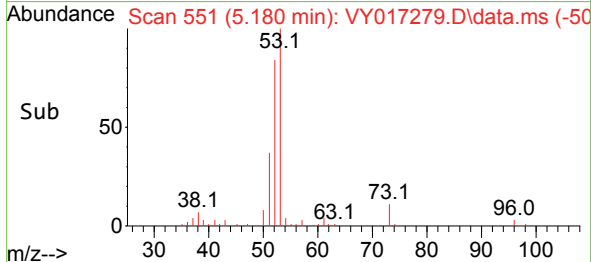
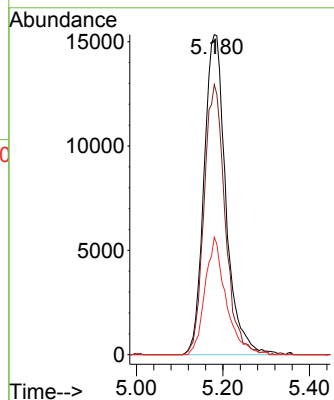
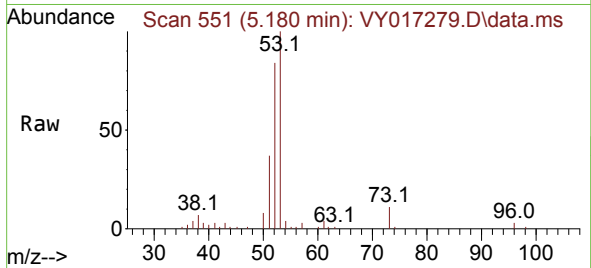




#15
Acrylonitrile
Concen: 216.865 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

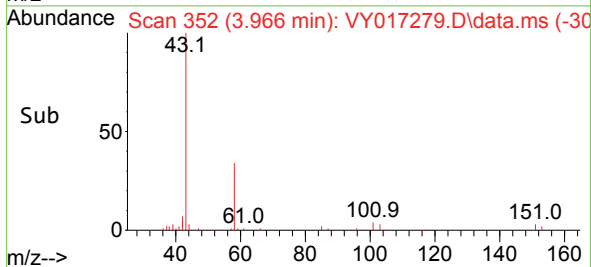
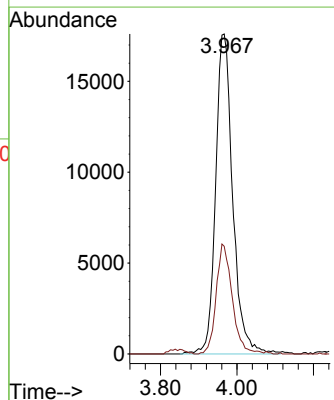
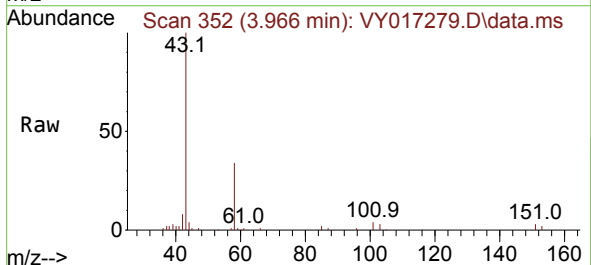
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

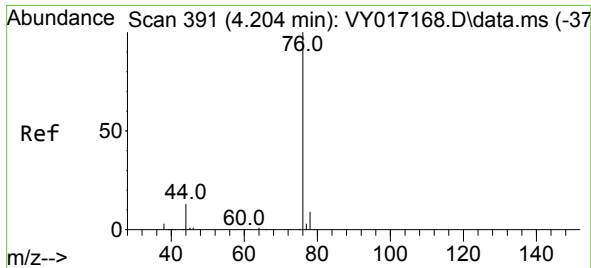
Tgt Ion:	53	Resp:	53774
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.1	97.7
51	35.4	29.0	43.4



#16
Acetone
Concen: 202.819 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.019 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion:	43	Resp:	54636
Ion	Ratio	Lower	Upper
43	100		
58	33.3	26.6	39.8

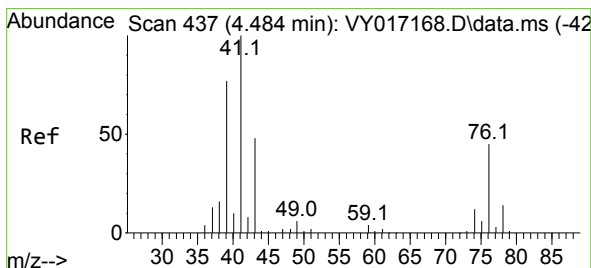
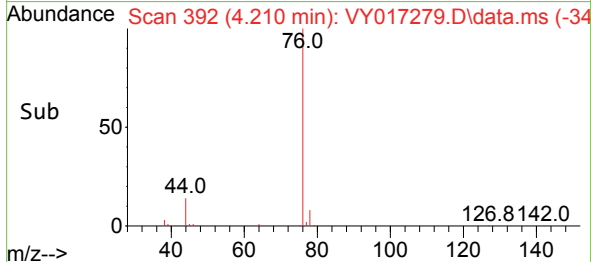
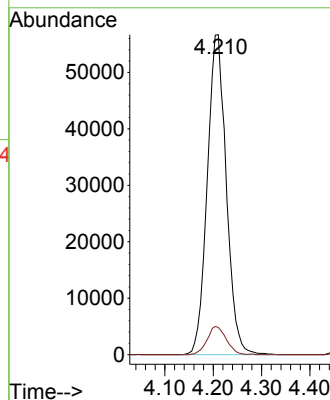
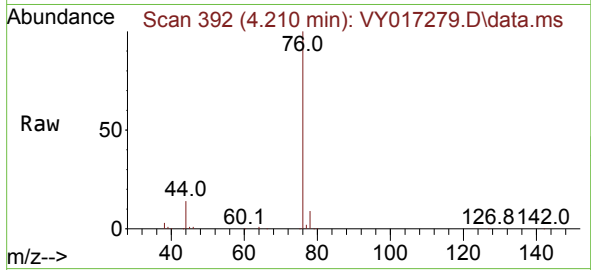




#17
Carbon Disulfide
Concen: 48.732 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

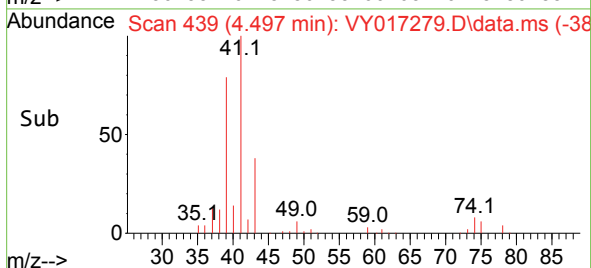
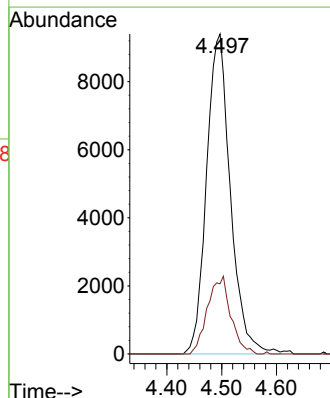
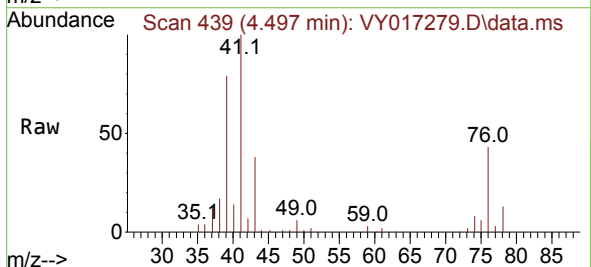
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

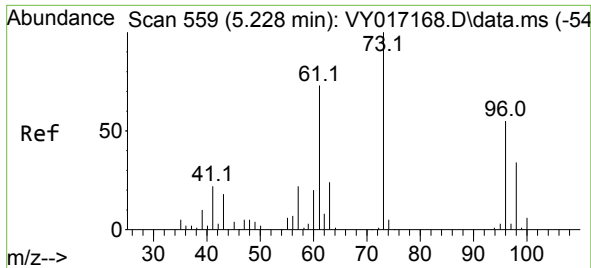
Tgt Ion: 76 Resp: 154701
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 47.184 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.013 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion: 43 Resp: 28355
Ion Ratio Lower Upper
43 100
74 23.6 19.8 29.6

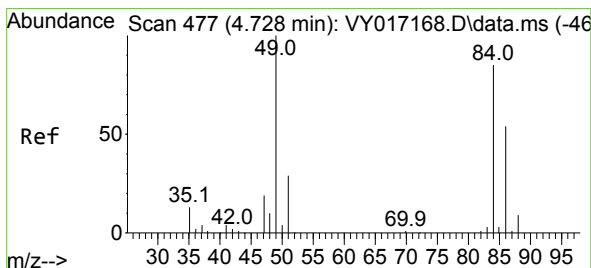
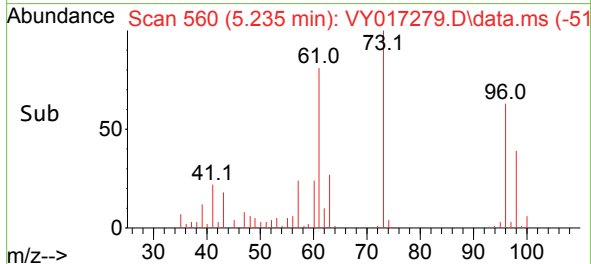
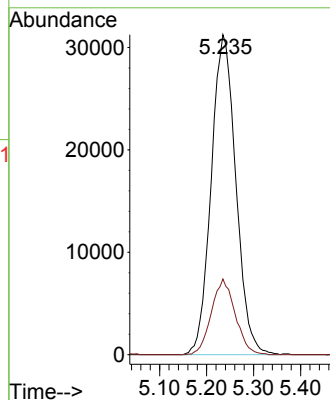
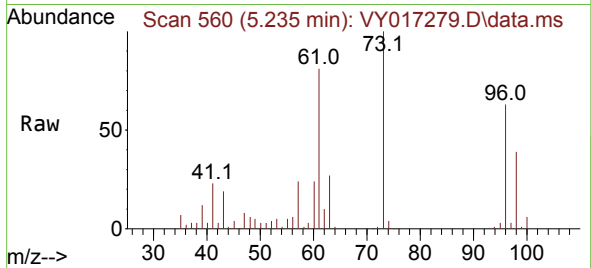




#19
Methyl tert-butyl Ether
Concen: 47.536 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

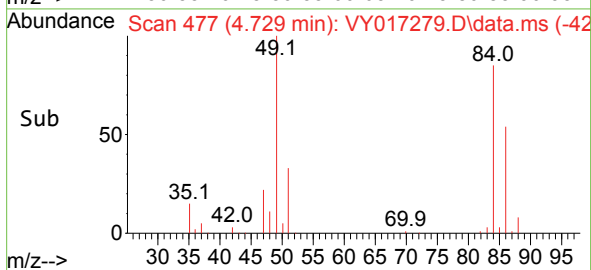
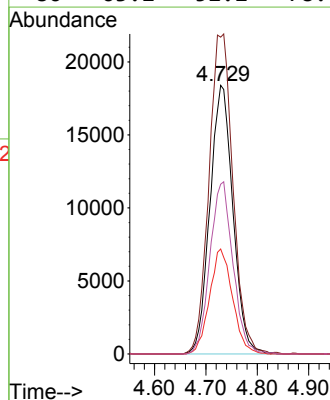
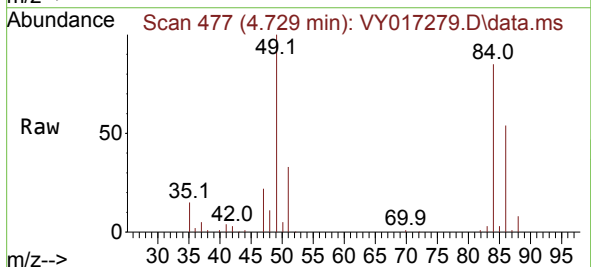
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

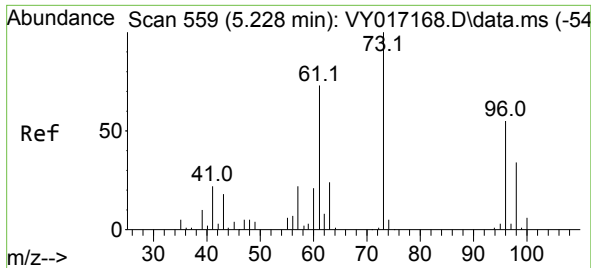
Tgt Ion: 73 Resp: 113854
Ion Ratio Lower Upper
73 100
57 23.7 17.7 26.5



#20
Methylene Chloride
Concen: 51.919 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion: 84 Resp: 57134
Ion Ratio Lower Upper
84 100
49 117.9 95.2 142.8
51 39.1 29.9 44.9
86 63.2 52.2 78.4

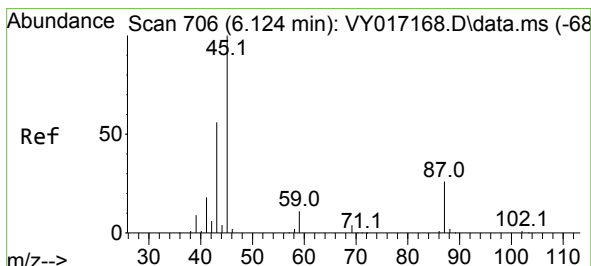
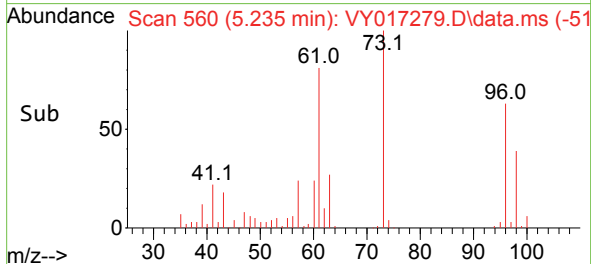
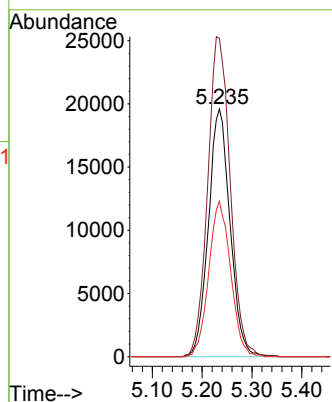
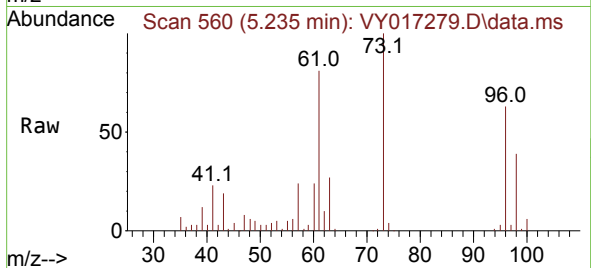




#21
trans-1,2-Dichloroethene
Concen: 52.217 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

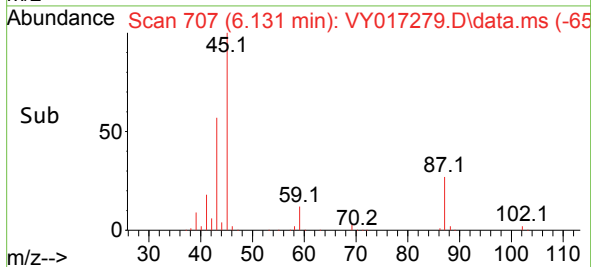
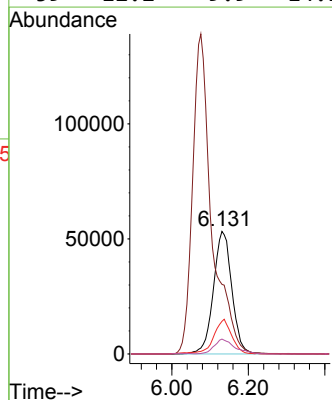
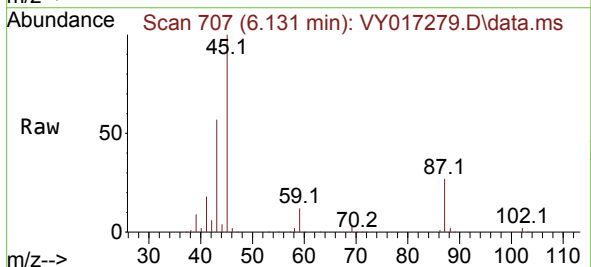
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

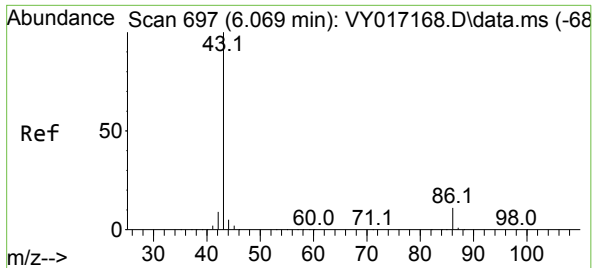
Tgt Ion: 96 Resp: 59075
Ion Ratio Lower Upper
96 100
61 128.5 104.6 156.8
98 62.8 50.9 76.3



#22
Diisopropyl ether
Concen: 54.031 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion: 45 Resp: 178390
Ion Ratio Lower Upper
45 100
43 56.5 46.8 70.2
87 26.7 22.2 33.2
59 12.2 9.9 14.9

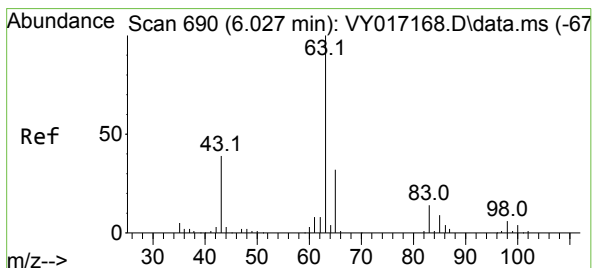
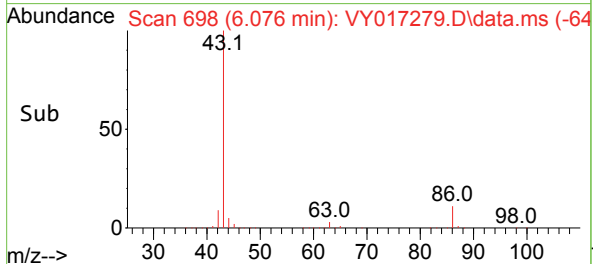
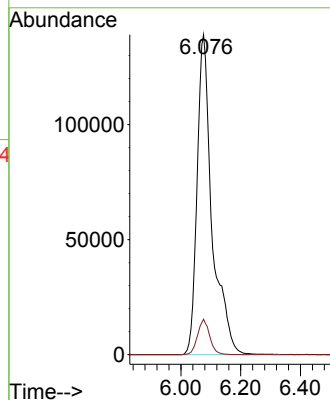
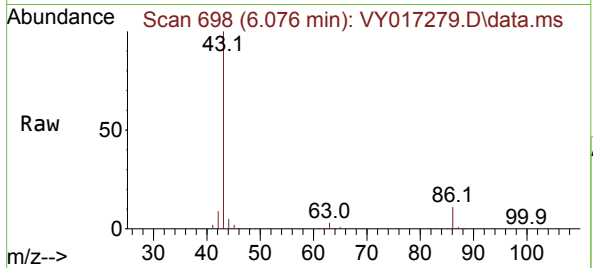




#23
 Vinyl Acetate
 Concen: 241.629 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VY017279.D
 Acq: 07 Feb 2024 10:13

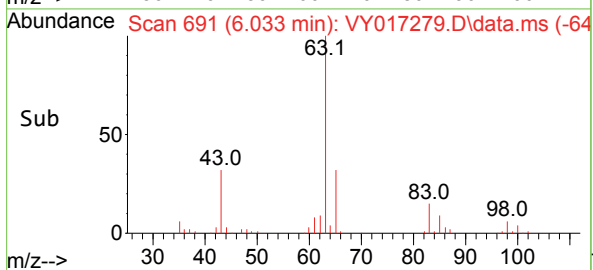
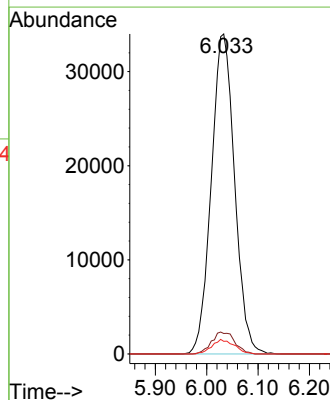
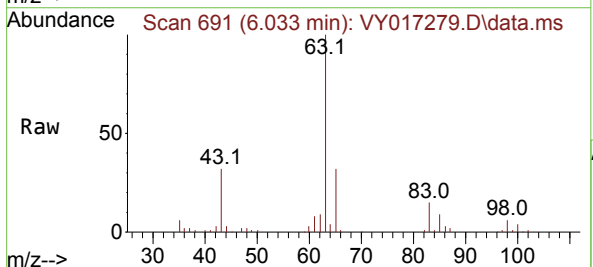
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 483381
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 52.880 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY017279.D
 Acq: 07 Feb 2024 10:13

Tgt Ion: 63 Resp: 106952
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.4
 100 4.0 2.1 6.2





#25

2-Butanone

Concen: 203.676 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.013 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

Instrument :

MSVOA_Y

ClientSampleId :

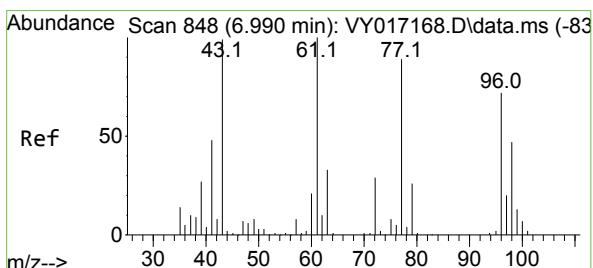
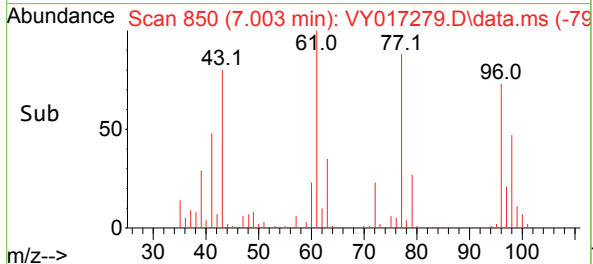
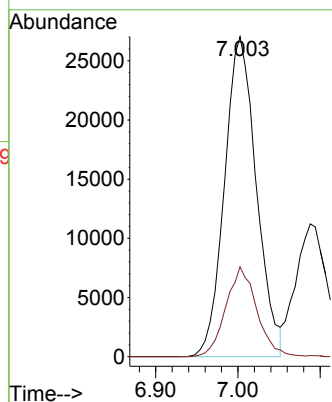
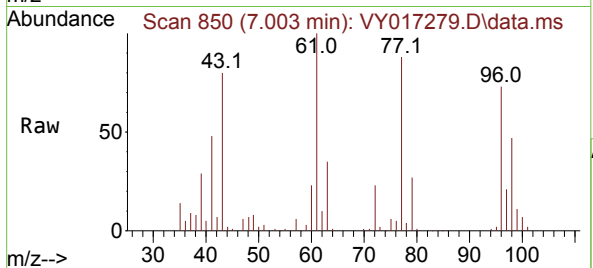
VSTDCCC050

Tgt Ion: 43 Resp: 72939

Ion Ratio Lower Upper

43 100

72 28.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 54.769 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017279.D

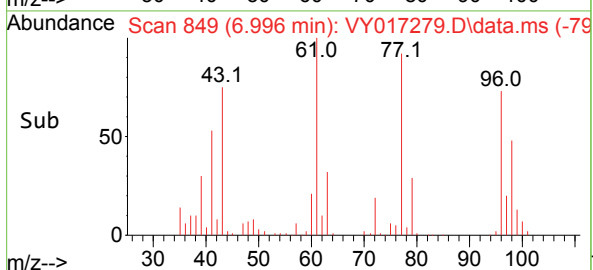
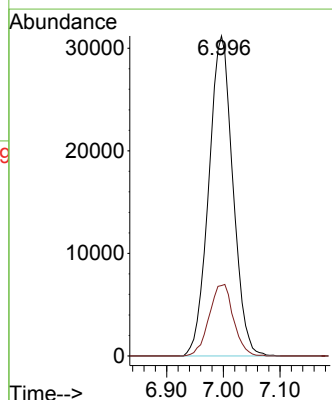
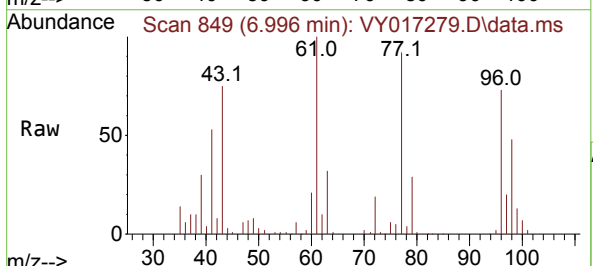
Acq: 07 Feb 2024 10:13

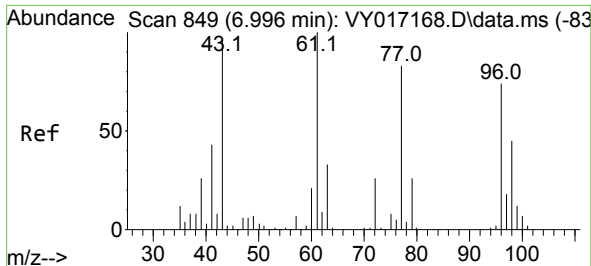
Tgt Ion: 77 Resp: 92139

Ion Ratio Lower Upper

77 100

97 22.5 11.7 35.0

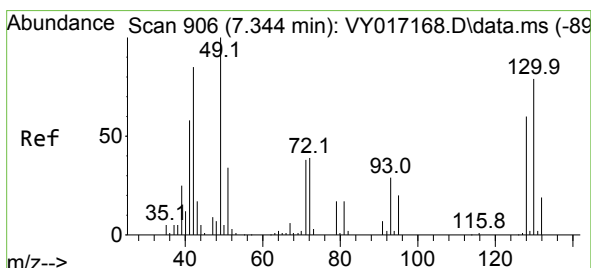
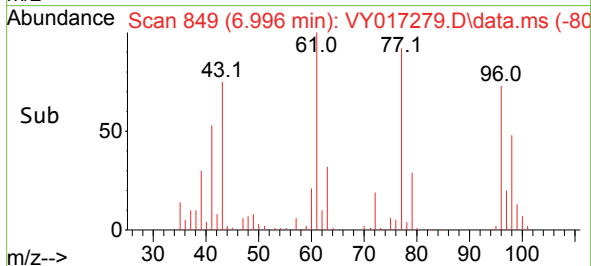
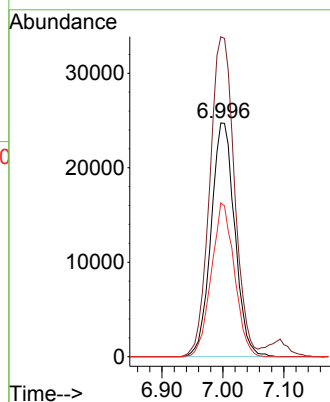
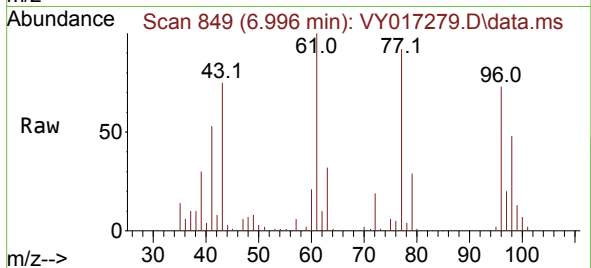




#27
 cis-1,2-Dichloroethene
 Concen: 52.845 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY017279.D
 Acq: 07 Feb 2024 10:13

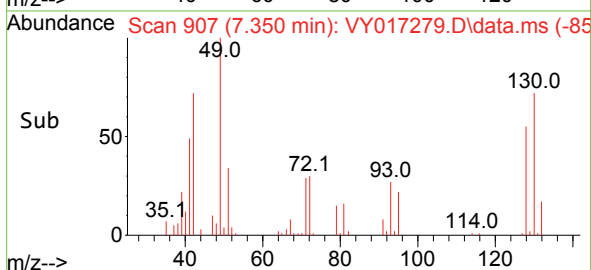
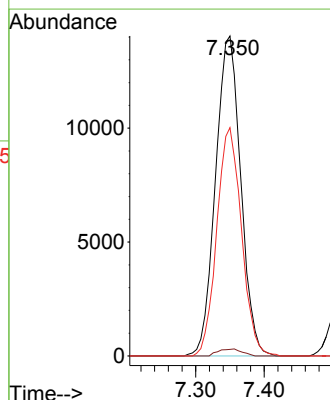
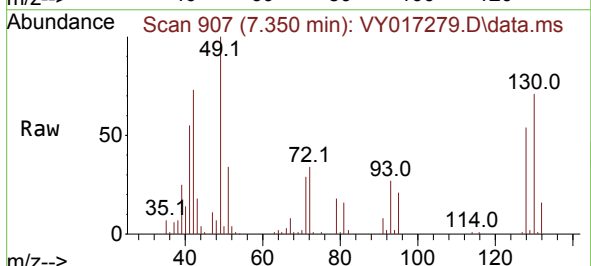
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

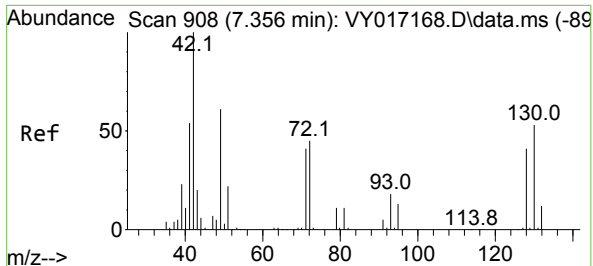
Tgt Ion: 96	Resp: 66867		
Ion Ratio	Lower	Upper	
96	100		
61	142.6	0.0	278.8
98	64.1	0.0	127.0



#28
 Bromochloromethane
 Concen: 46.323 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY017279.D
 Acq: 07 Feb 2024 10:13

Tgt Ion: 49	Resp: 35874
Ion Ratio	Lower Upper
49 100	
129 2.1	0.0 3.8
130 69.9	59.8 89.8





#29

Tetrahydrofuran

Concen: 206.455 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

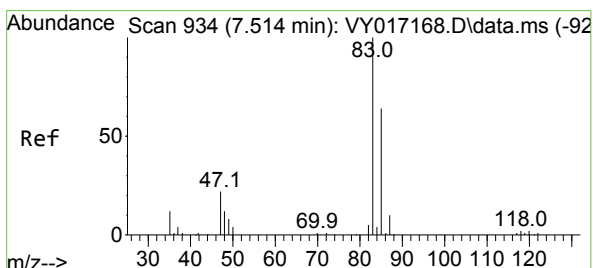
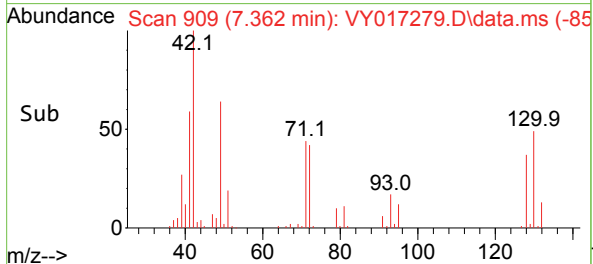
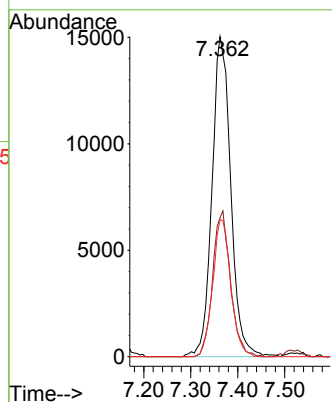
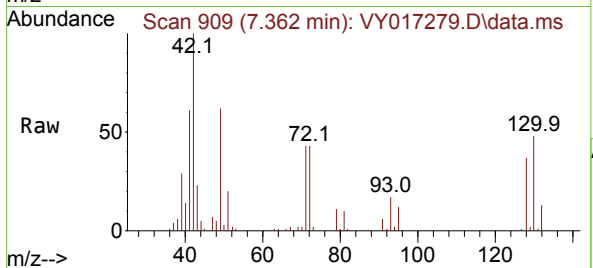
Tgt Ion: 42 Resp: 41765

Ion Ratio Lower Upper

42 100

72 43.1 36.6 54.8

71 41.1 33.8 50.6



#30

Chloroform

Concen: 53.061 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY017279.D

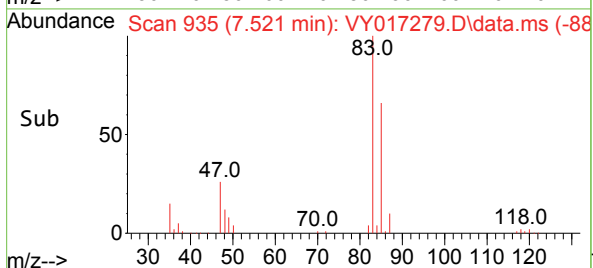
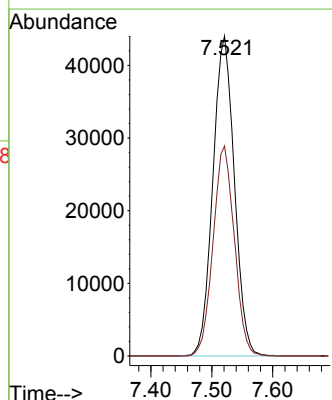
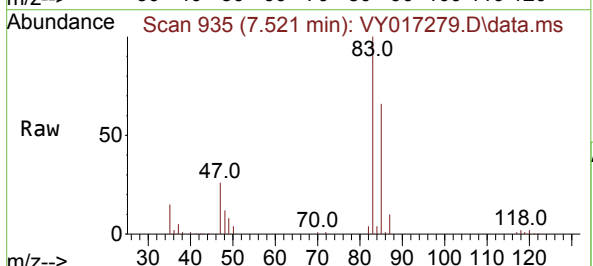
Acq: 07 Feb 2024 10:13

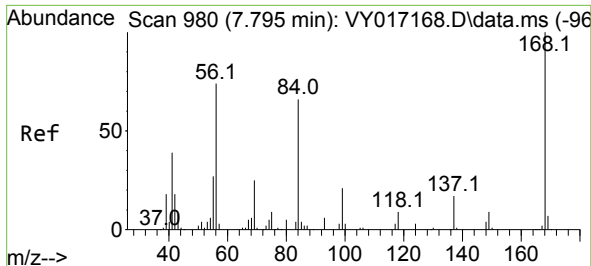
Tgt Ion: 83 Resp: 107959

Ion Ratio Lower Upper

83 100

85 65.6 51.2 76.8

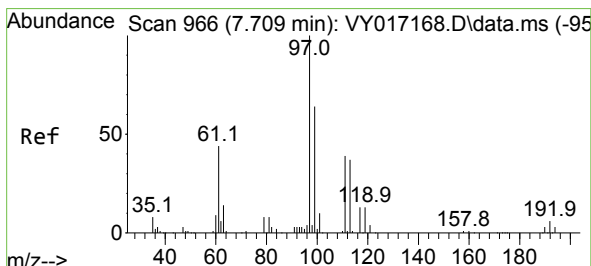
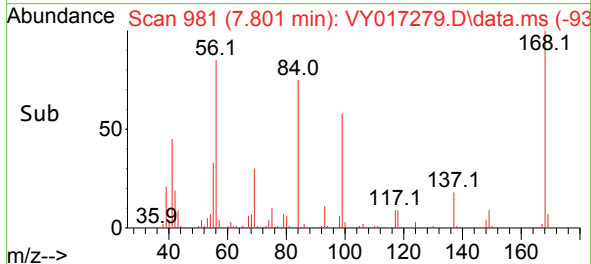
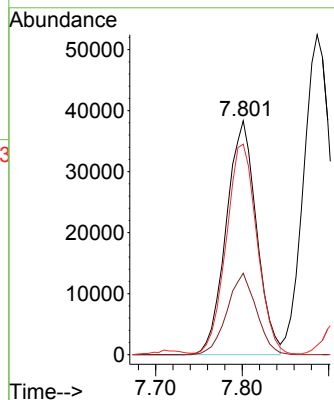
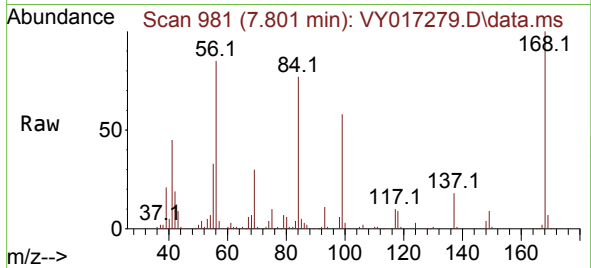




#31
Cyclohexane
Concen: 50.537 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

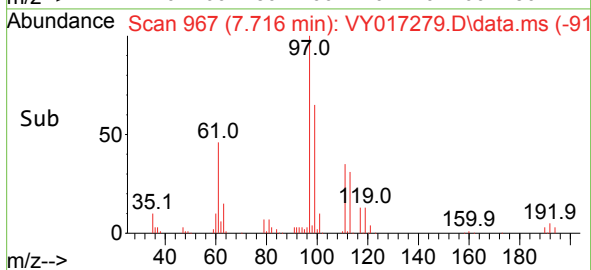
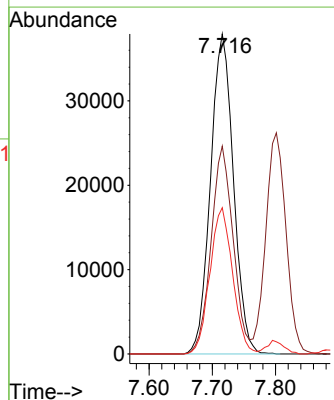
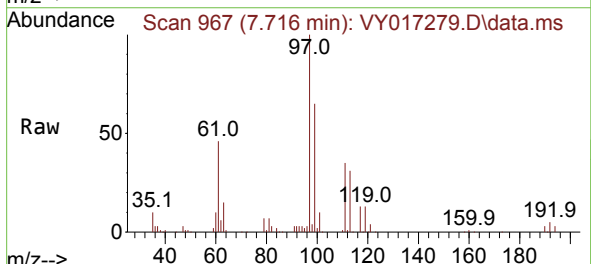
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

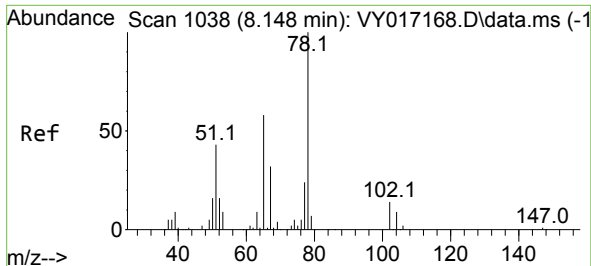
Tgt Ion: 56 Resp: 93361
Ion Ratio Lower Upper
56 100
69 34.8 27.0 40.6
84 88.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 54.523 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion: 97 Resp: 95421
Ion Ratio Lower Upper
97 100
99 62.5 51.2 76.8
61 45.5 35.0 52.6

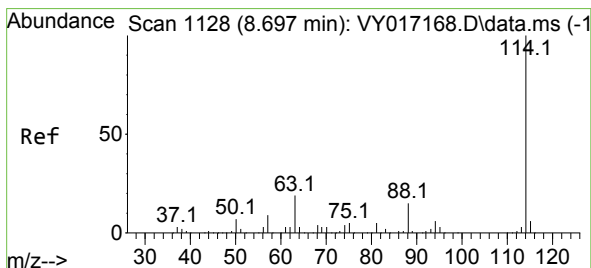
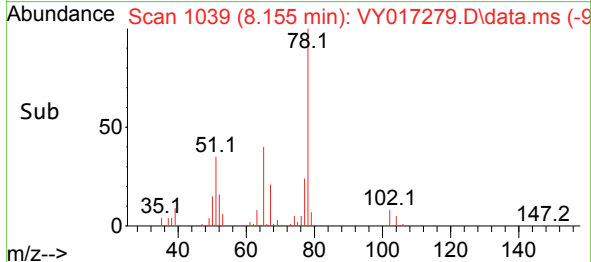
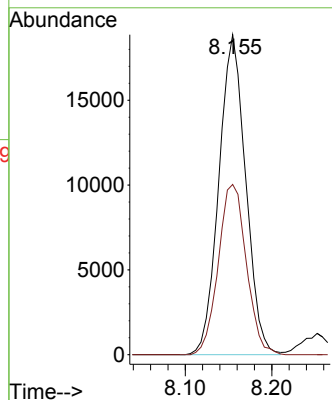
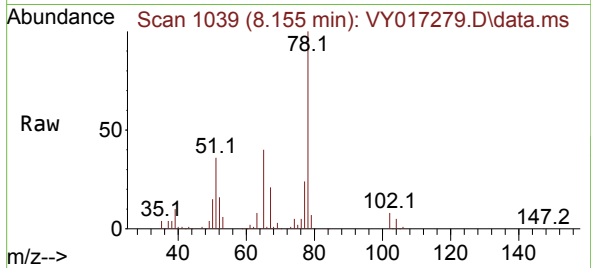




#33
 1,2-Dichloroethane-d4
 Concen: 44.253 ug/l
 RT: 8.155 min Scan# 110
 Delta R.T. 0.007 min
 Lab File: VY017279.D
 Acq: 07 Feb 2024 10:13

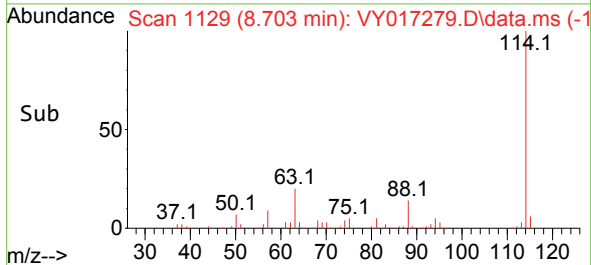
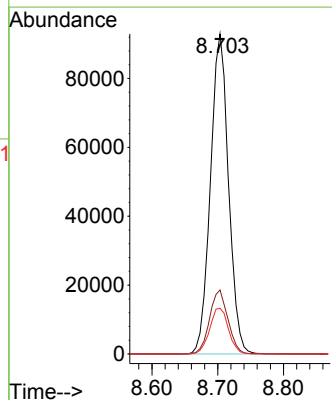
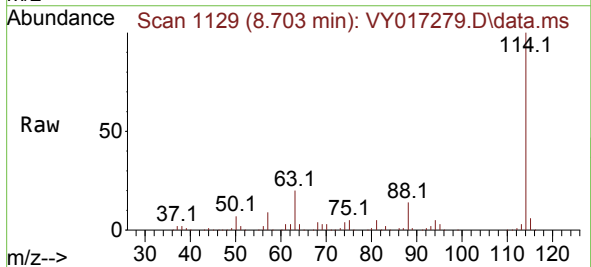
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 40560
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.007 min
 Lab File: VY017279.D
 Acq: 07 Feb 2024 10:13

Tgt Ion: 114 Resp: 177825
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.4
 88 14.2 0.0 29.0

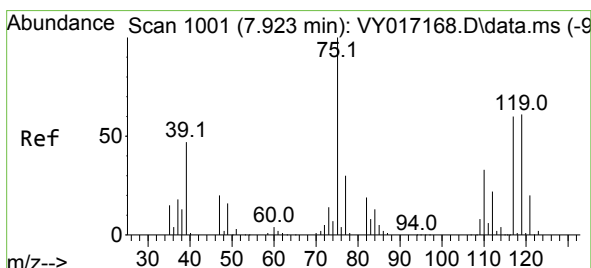
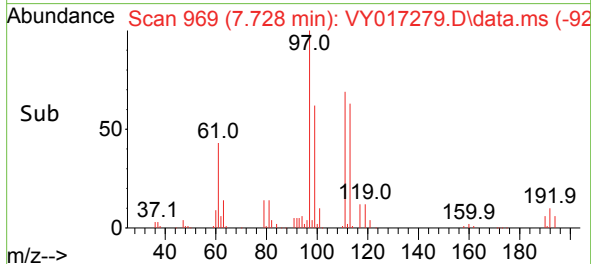
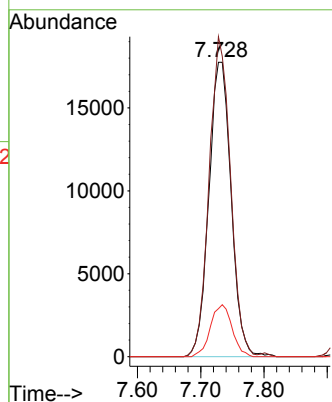
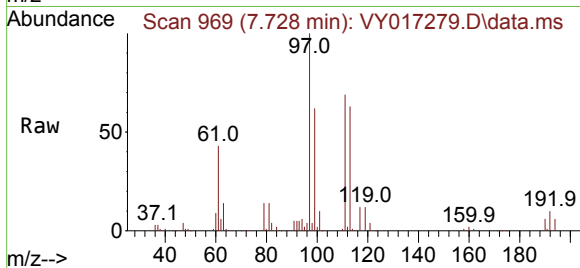




#35
Dibromofluoromethane
Concen: 45.236 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

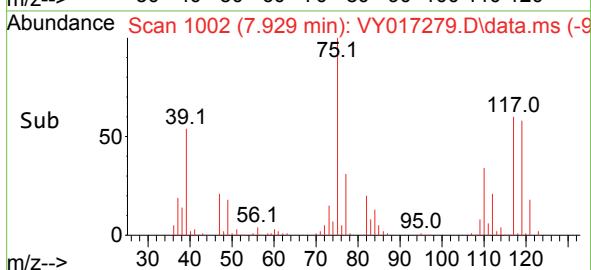
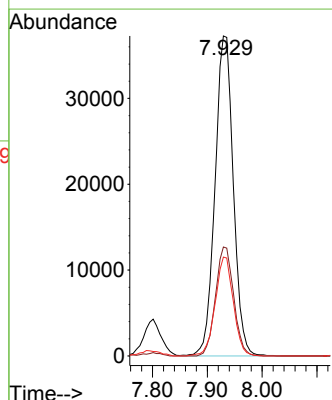
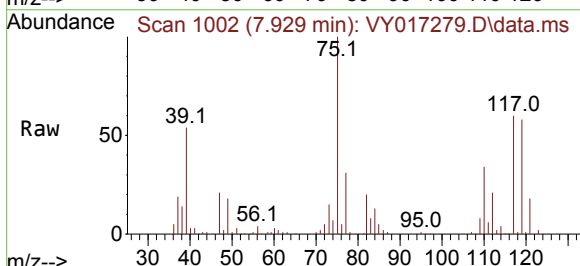
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

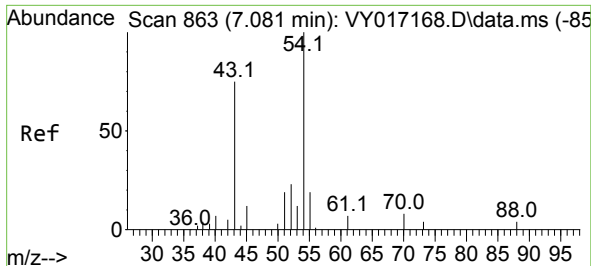
Tgt Ion:113 Resp: 43433
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.6
192 17.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 52.218 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion: 75 Resp: 86483
Ion Ratio Lower Upper
75 100
110 33.8 17.4 52.3
77 30.6 24.7 37.1



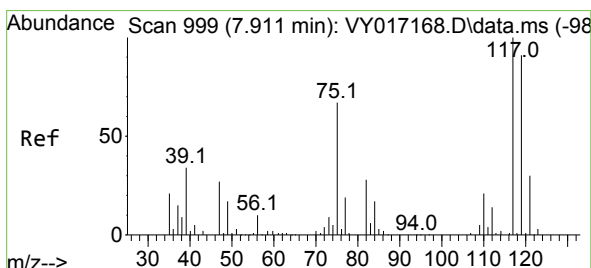
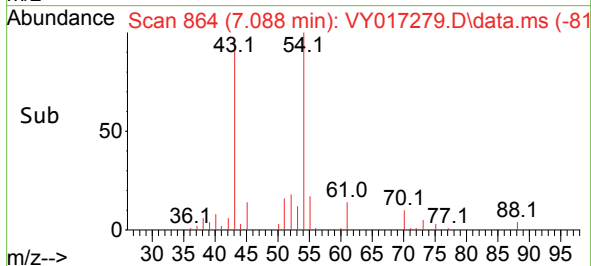
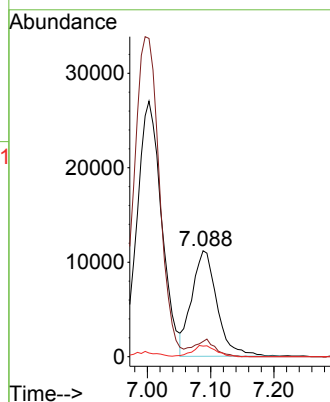
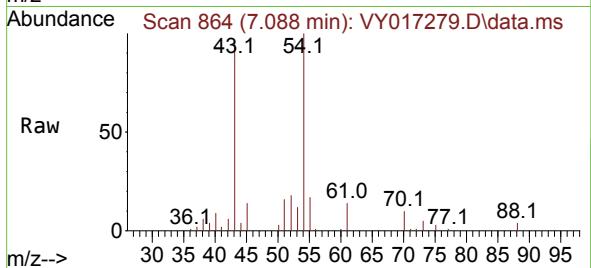


#37
Ethyl Acetate
Concen: 40.374 ug/l
RT: 7.088 min Scan# 80
Delta R.T. 0.007 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 31013

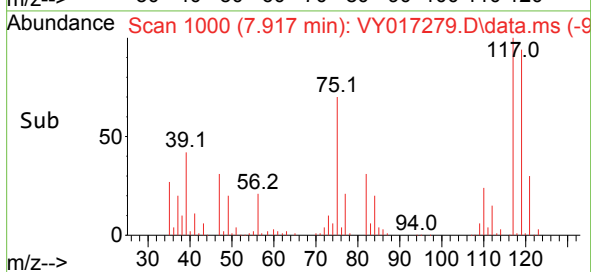
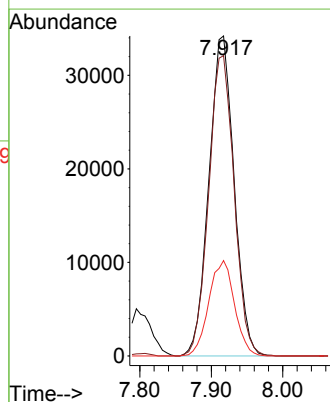
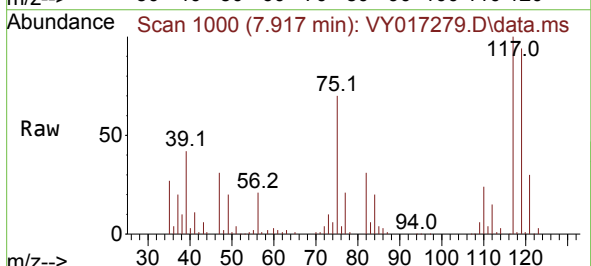
Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.0	16.6
70	9.8	8.1	12.1

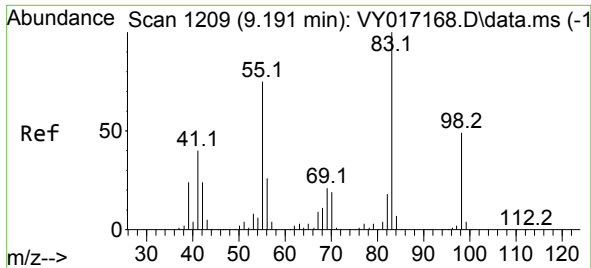


#38
Carbon Tetrachloride
Concen: 52.813 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion: 117 Resp: 83747

Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.0	114.0
121	29.8	24.2	36.2

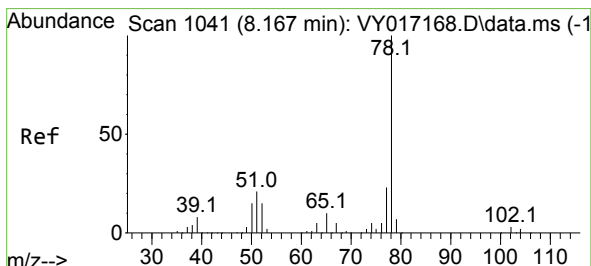
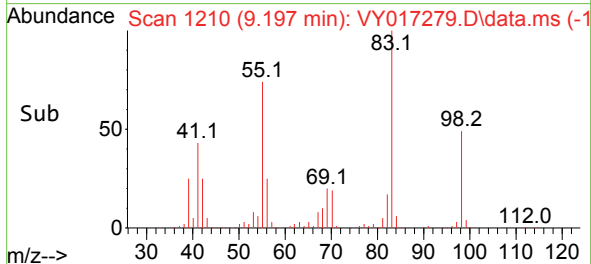
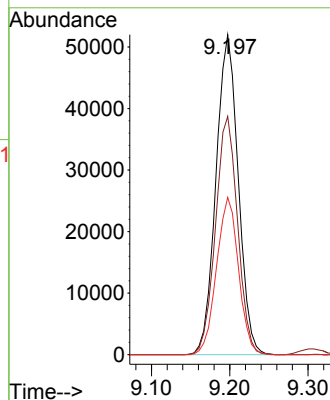
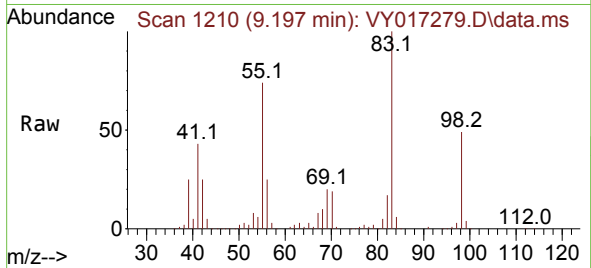




#39
Methylcyclohexane
Concen: 53.148 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

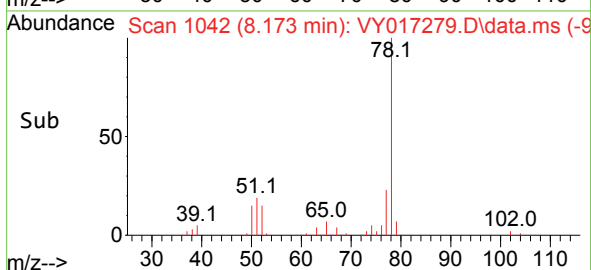
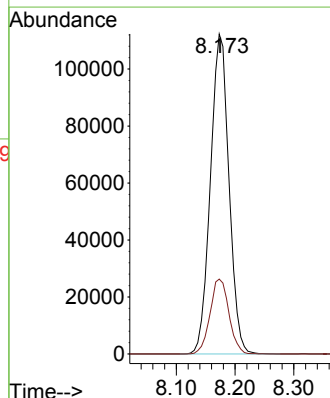
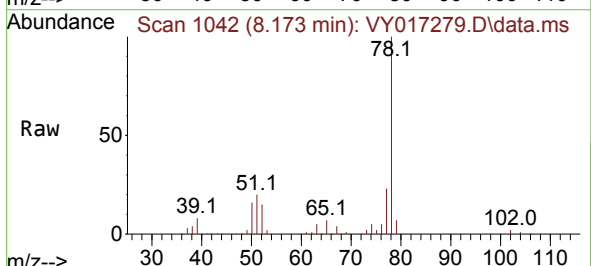
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

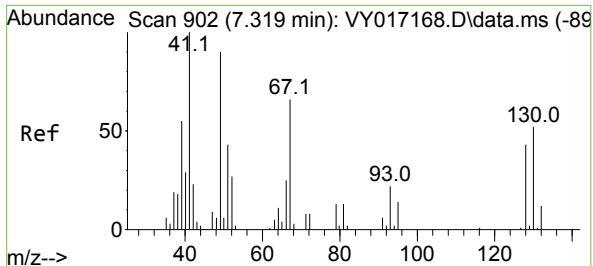
Tgt Ion: 83 Resp: 102834
Ion Ratio Lower Upper
83 100
55 74.4 59.7 89.5
98 49.1 38.0 57.0



#40
Benzene
Concen: 52.016 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.007 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion: 78 Resp: 246012
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2



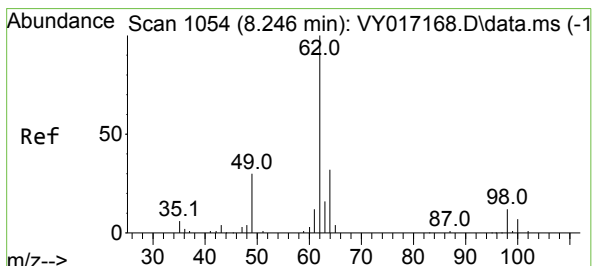
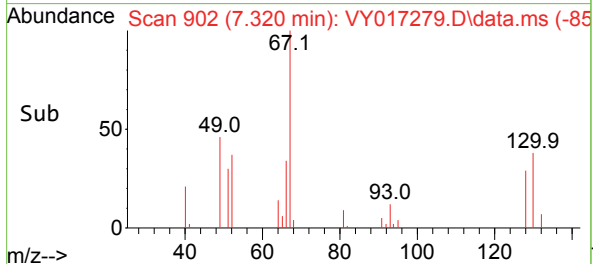
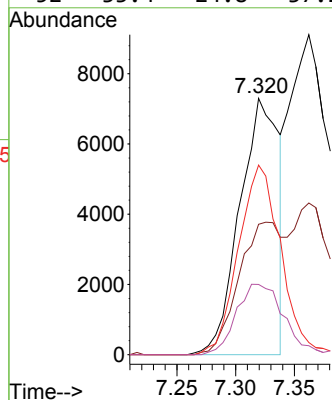
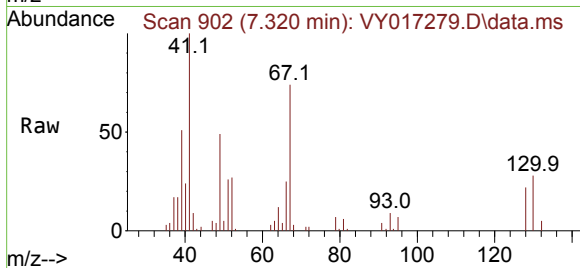


#41
Methacrylonitrile
Concen: 46.386 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 16882

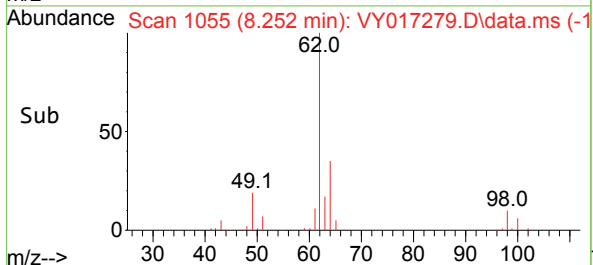
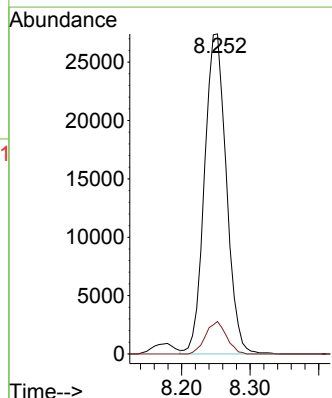
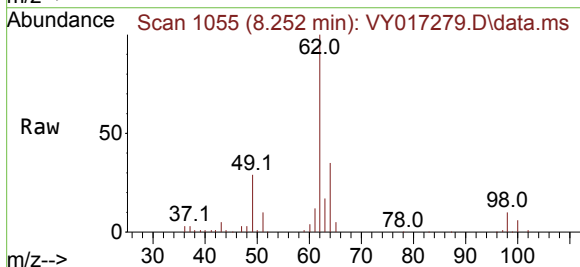
Ion	Ratio	Lower	Upper
41	100		
39	54.4	41.9	62.9
67	80.1	59.8	89.6
52	33.4	24.8	37.2

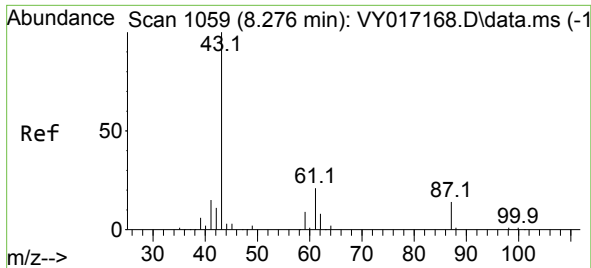


#42
1,2-Dichloroethane
Concen: 48.676 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.007 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion: 62 Resp: 60954

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.2

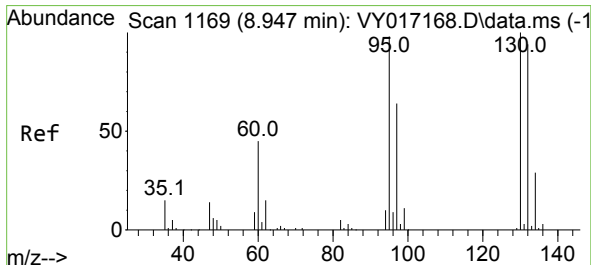
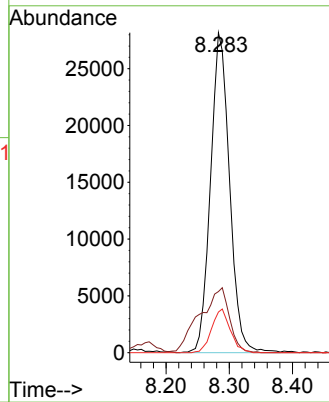
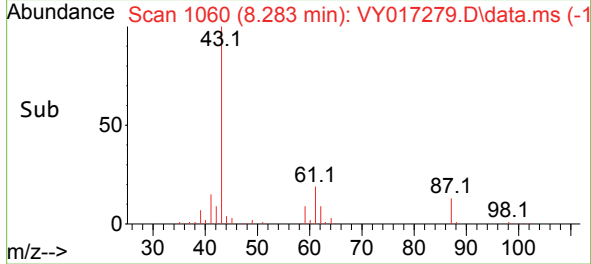
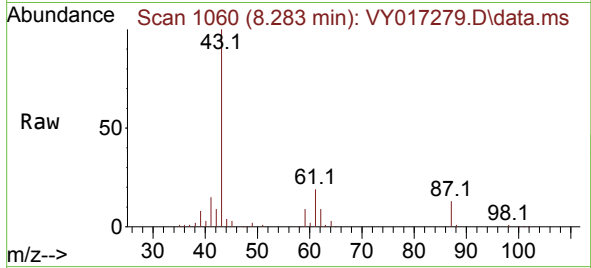




#43
Isopropyl Acetate
Concen: 43.400 ug/l
RT: 8.283 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

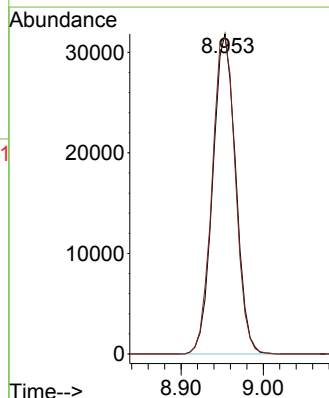
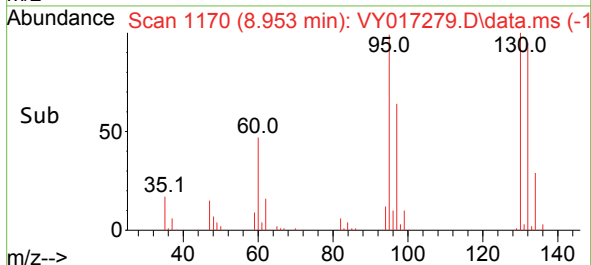
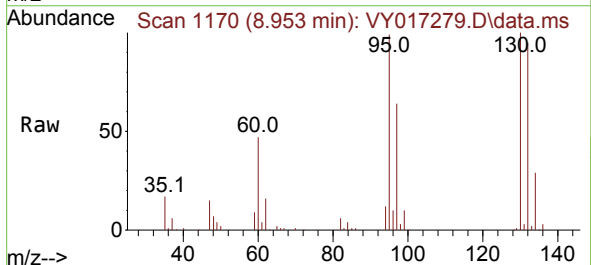
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43	Resp: 59015
Ion Ratio	Lower Upper
43	100
61	31.6 24.8 37.2
87	13.3 10.7 16.1



#44
Trichloroethene
Concen: 51.221 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.007 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion: 130	Resp: 61494
Ion Ratio	Lower Upper
130	100
95	98.8 0.0 203.8

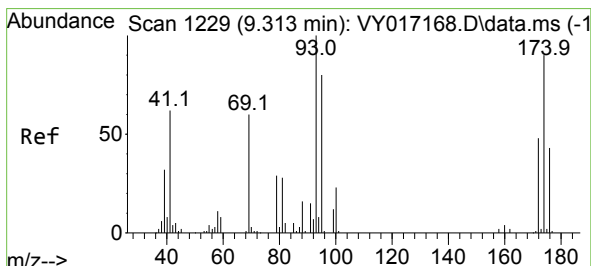
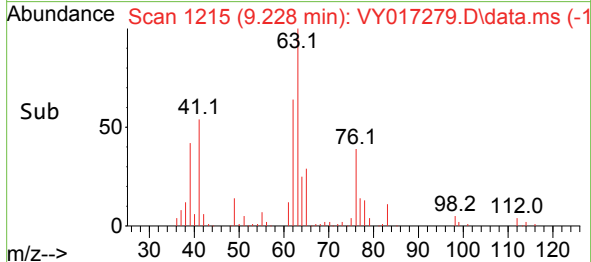
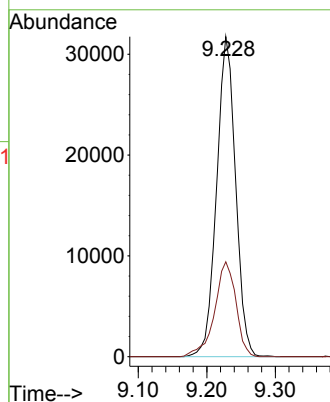
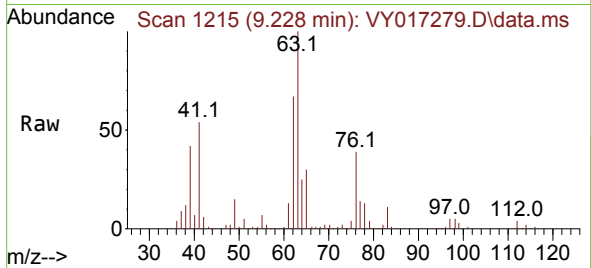




#45
1,2-Dichloropropane
Concen: 52.361 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

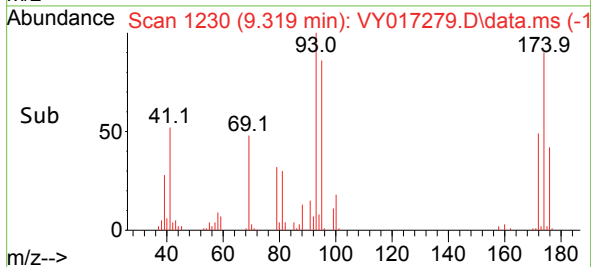
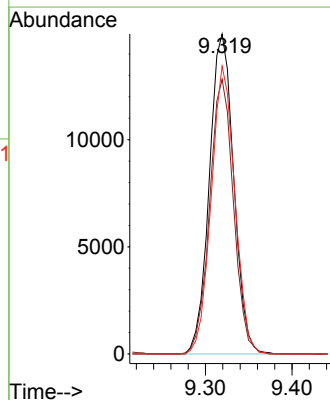
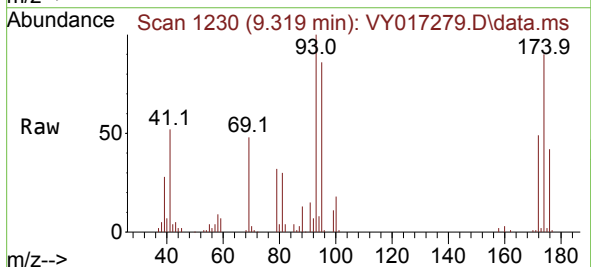
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

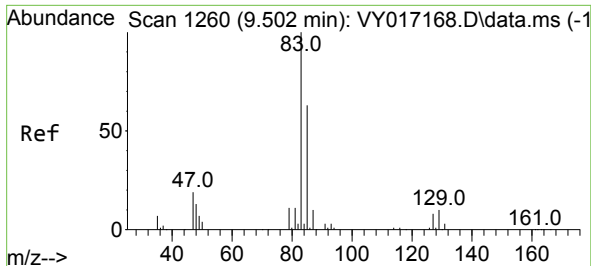
Tgt Ion: 63 Resp: 60829
Ion Ratio Lower Upper
63 100
65 29.6 24.6 36.8



#46
Dibromomethane
Concen: 46.438 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.007 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion: 93 Resp: 29141
Ion Ratio Lower Upper
93 100
95 84.1 66.6 99.8
174 87.2 73.8 110.6





#47

Bromodichloromethane

Concen: 50.988 ug/l

RT: 9.508 min Scan# 1261

Delta R.T. 0.006 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

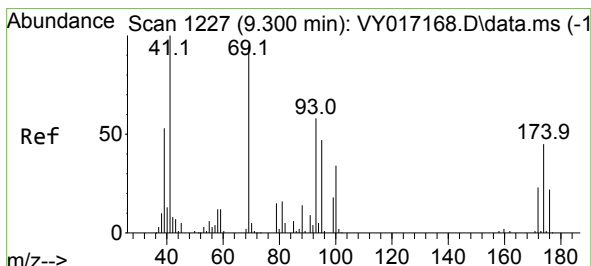
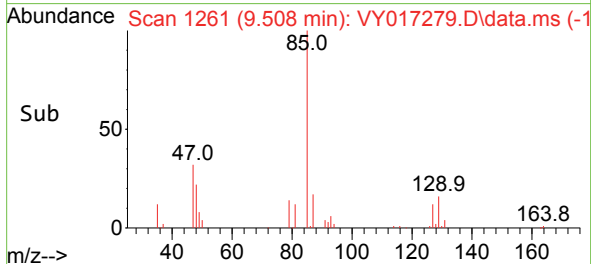
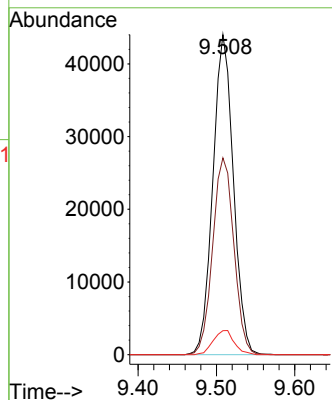
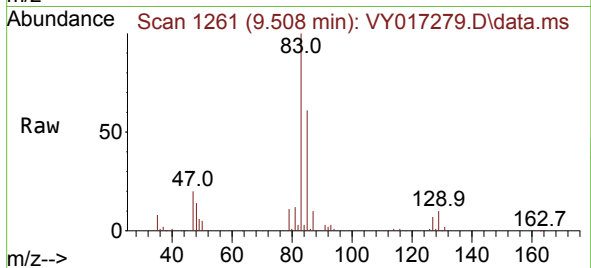
Tgt Ion: 83 Resp: 80076

Ion Ratio Lower Upper

83 100

85 61.5 53.2 79.8

127 7.5 6.4 9.6



#48

Methyl methacrylate

Concen: 44.988 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.007 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

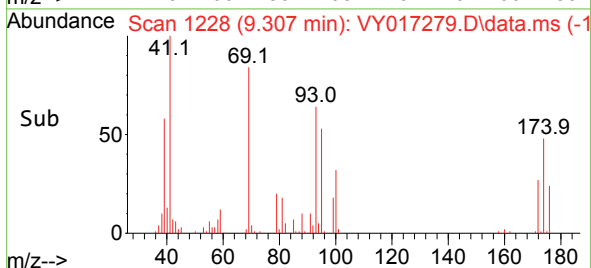
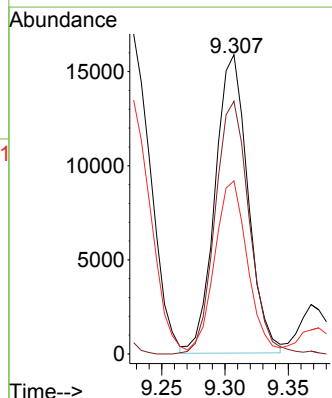
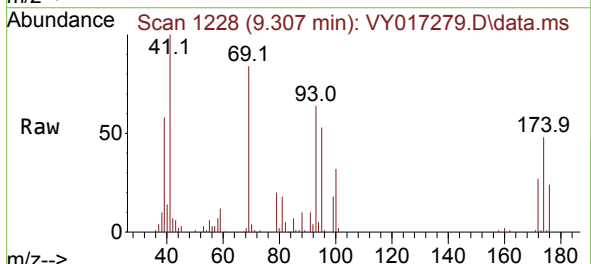
Tgt Ion: 41 Resp: 28694

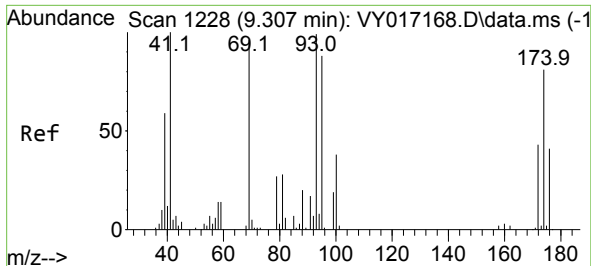
Ion Ratio Lower Upper

41 100

69 87.9 72.1 108.1

39 55.5 42.8 64.2





#49

1,4-Dioxane

Concen: 774.778 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

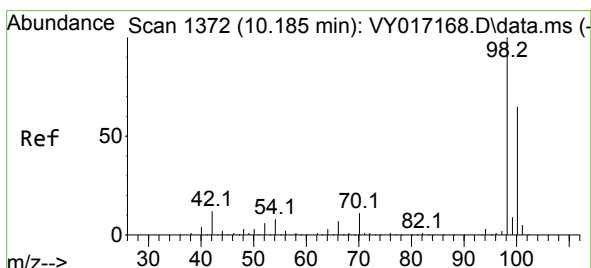
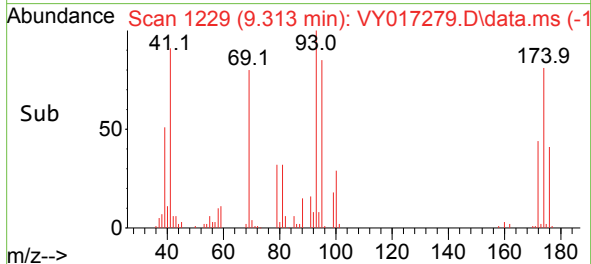
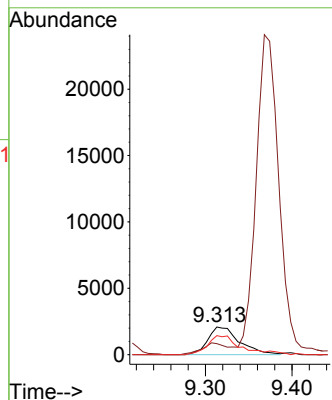
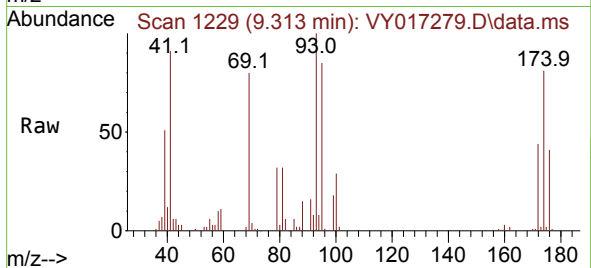
Tgt Ion: 88 Resp: 5292

Ion Ratio Lower Upper

88 100

43 31.1 28.2 42.4

58 72.0 52.2 78.2



#50

Toluene-d8

Concen: 46.743 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.007 min

Lab File: VY017279.D

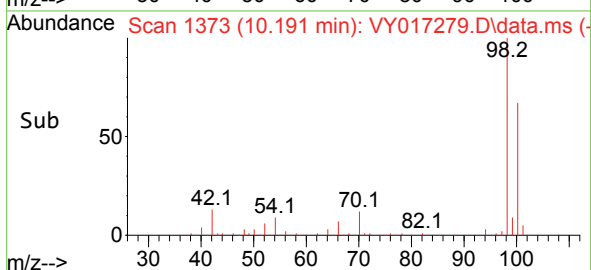
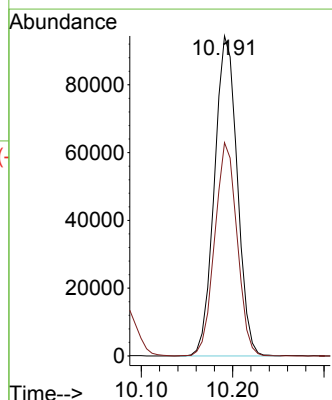
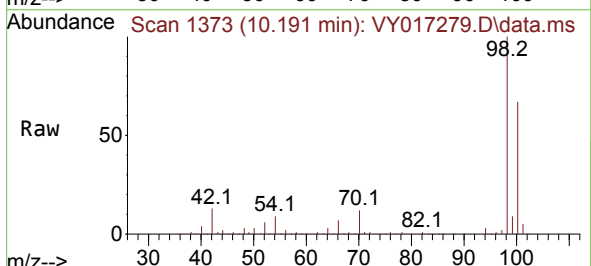
Acq: 07 Feb 2024 10:13

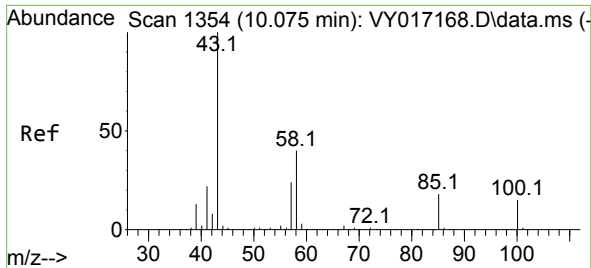
Tgt Ion: 98 Resp: 163404

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5

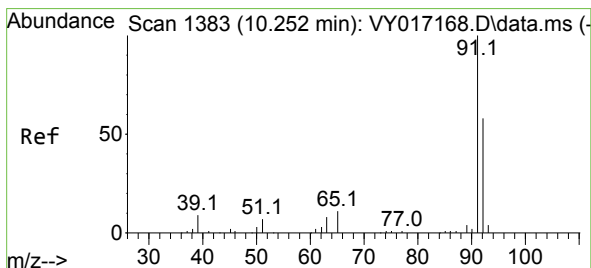
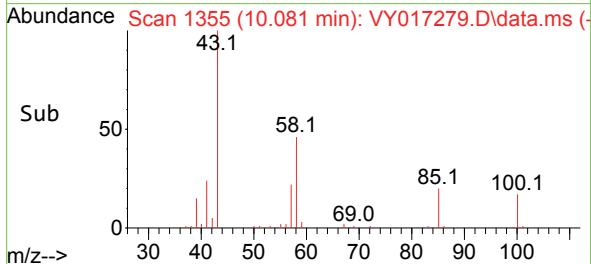
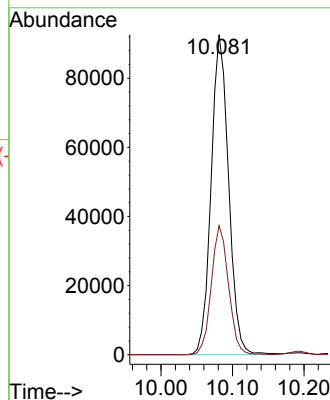
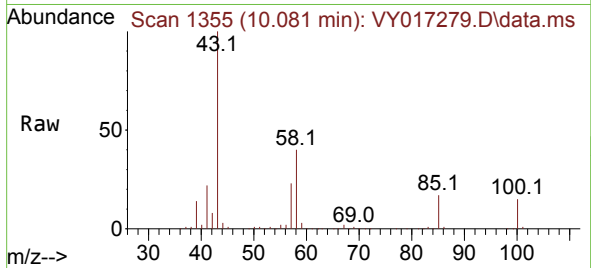




#51
4-Methyl-2-Pentanone
Concen: 215.581 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.007 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

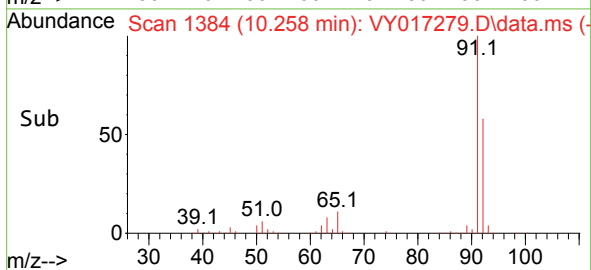
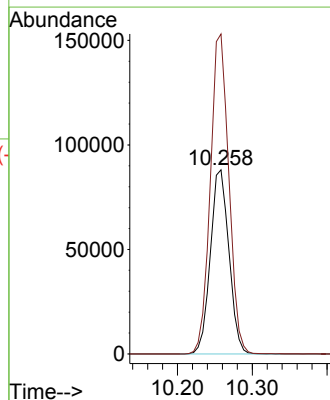
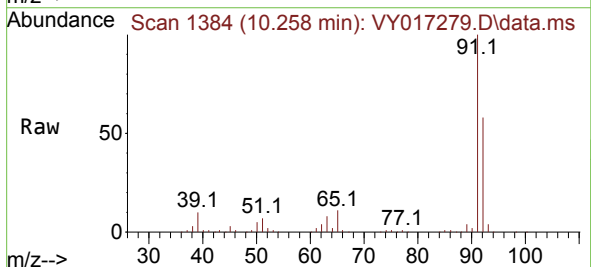
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

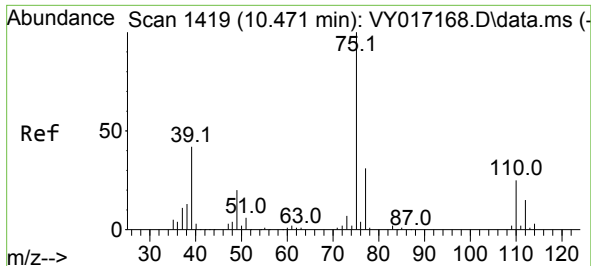
Tgt Ion: 43 Resp: 157140
Ion Ratio Lower Upper
43 100
58 39.7 32.2 48.2



#52
Toluene
Concen: 53.215 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.007 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion: 92 Resp: 151919
Ion Ratio Lower Upper
92 100
91 173.3 137.6 206.4

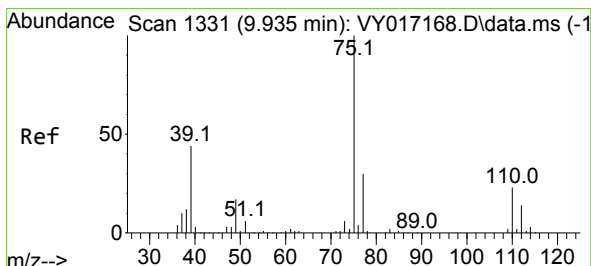
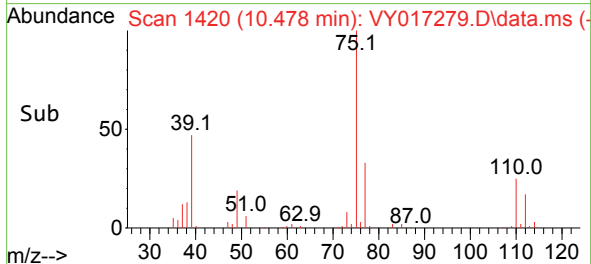
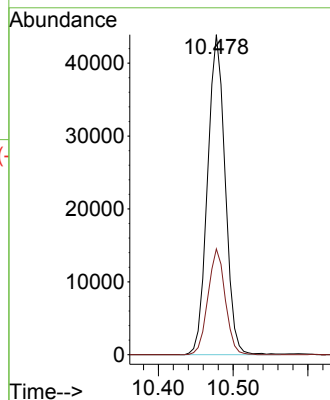
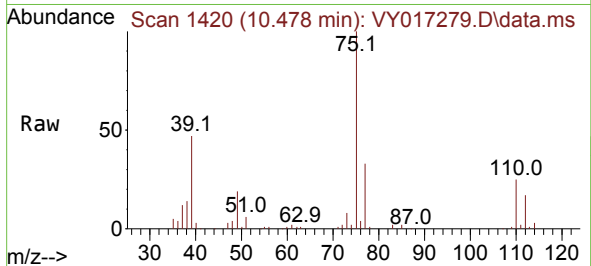




#53
t-1,3-Dichloropropene
Concen: 48.669 ug/l
RT: 10.478 min Scan# 1419
Delta R.T. 0.007 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

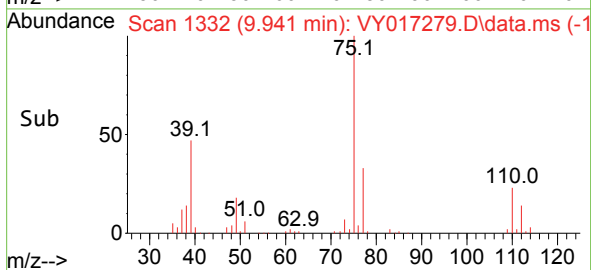
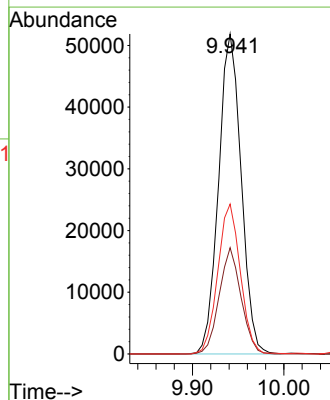
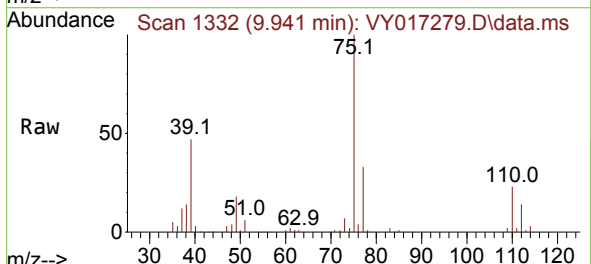
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

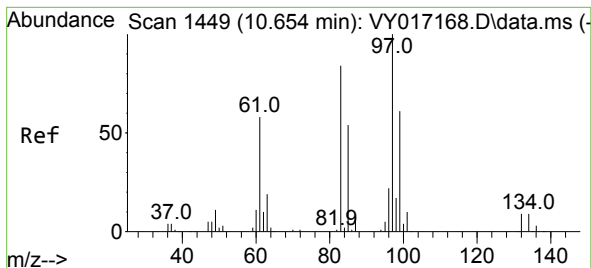
Tgt Ion: 75 Resp: 71795
Ion Ratio Lower Upper
75 100
77 33.1 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 50.479 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.007 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion: 75 Resp: 89192
Ion Ratio Lower Upper
75 100
77 33.2 24.6 36.8
39 46.9 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 46.885 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 40030

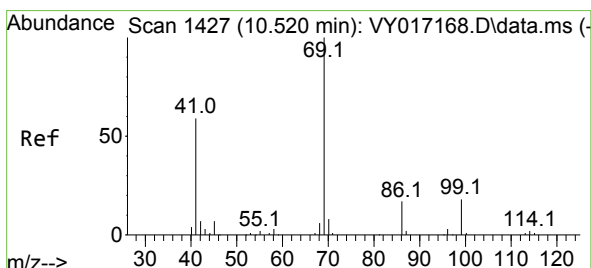
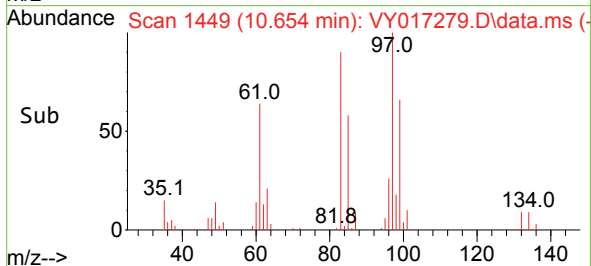
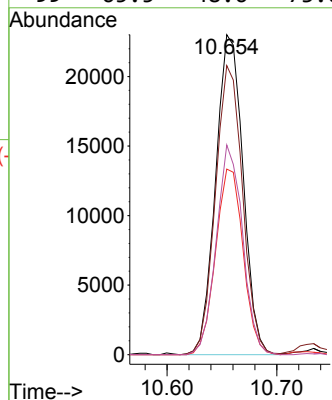
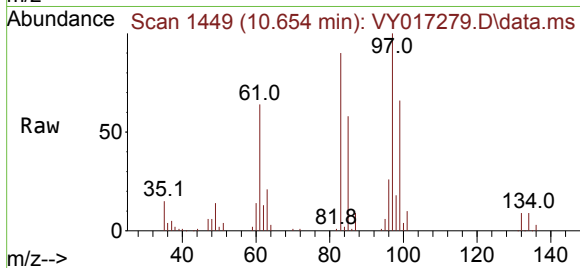
Ion Ratio Lower Upper

97 100

83 90.4 69.4 104.2

85 58.0 43.9 65.9

99 65.5 48.6 73.0



#56

Ethyl methacrylate

Concen: 42.756 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

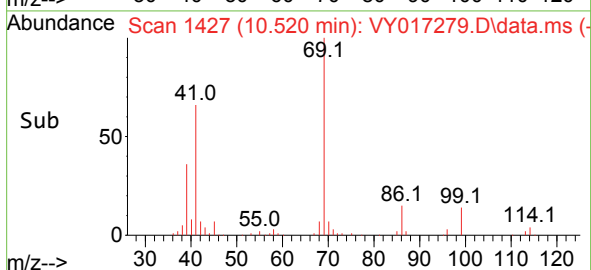
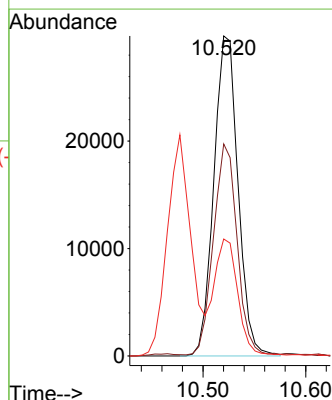
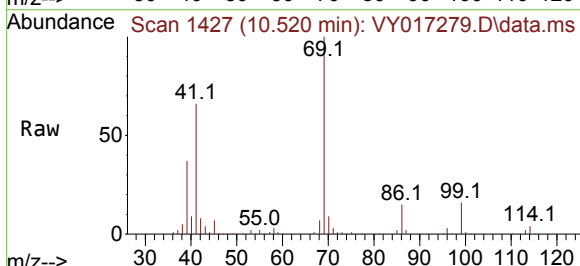
Tgt Ion: 69 Resp: 48583

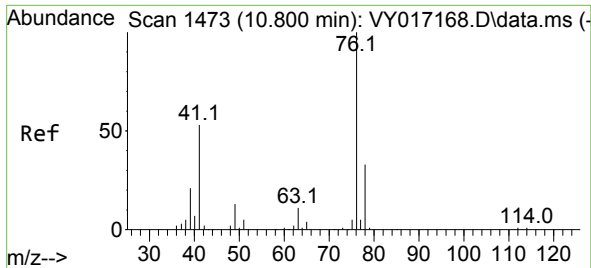
Ion Ratio Lower Upper

69 100

41 64.4 49.2 73.8

39 35.6 26.8 40.2

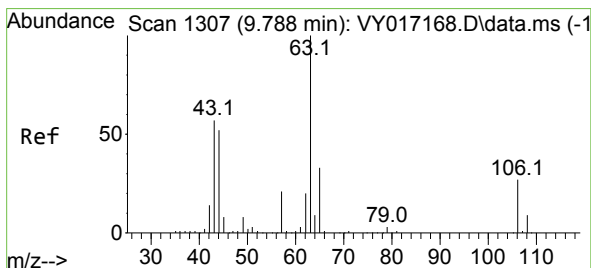
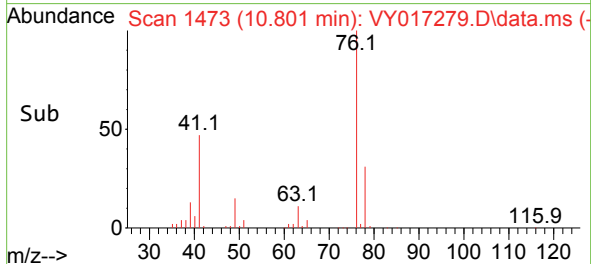
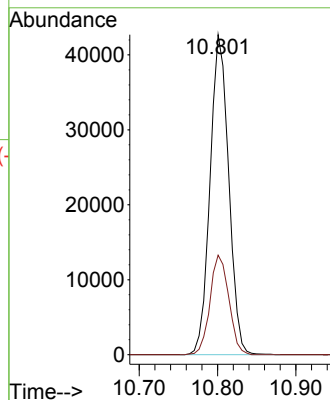
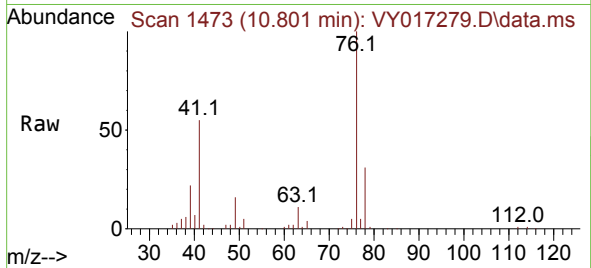




#57
1,3-Dichloropropane
Concen: 47.997 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

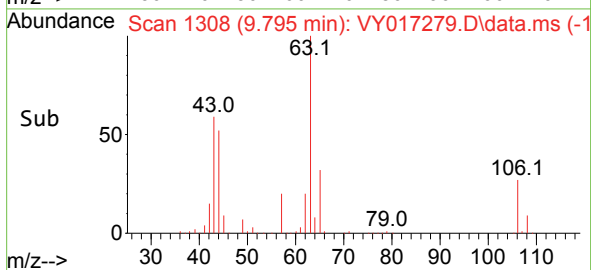
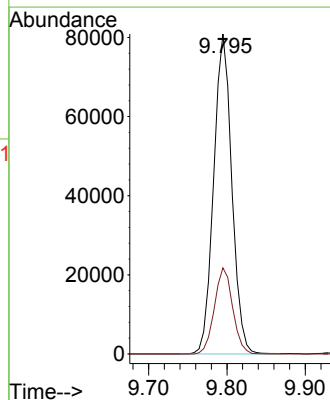
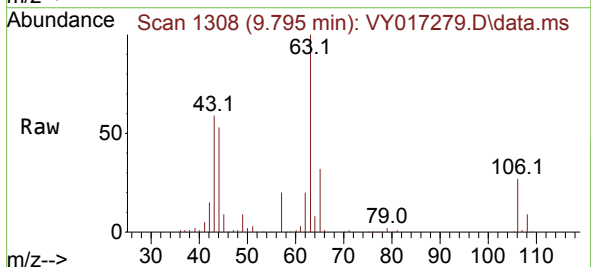
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

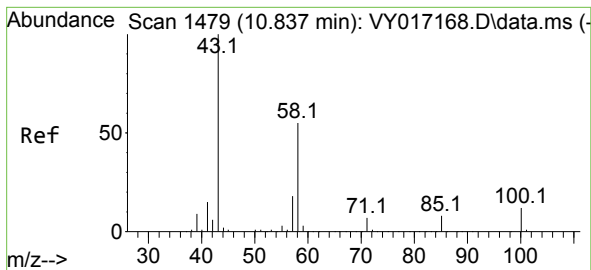
Tgt Ion: 76 Resp: 70483
Ion Ratio Lower Upper
76 100
78 31.4 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 244.698 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion: 63 Resp: 130155
Ion Ratio Lower Upper
63 100
106 27.1 22.4 33.6

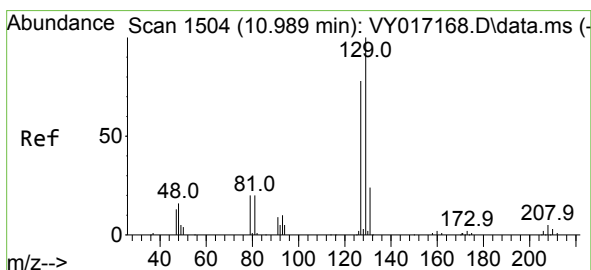
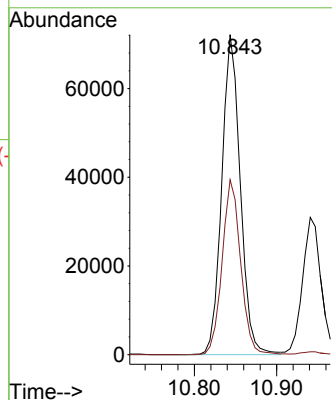
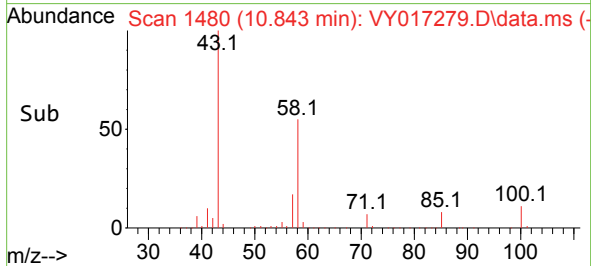
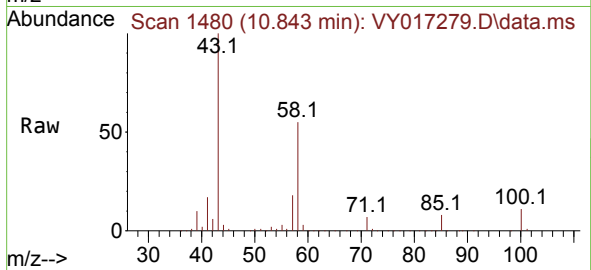




#59
2-Hexanone
Concen: 214.675 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

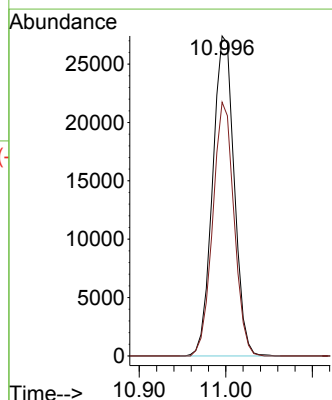
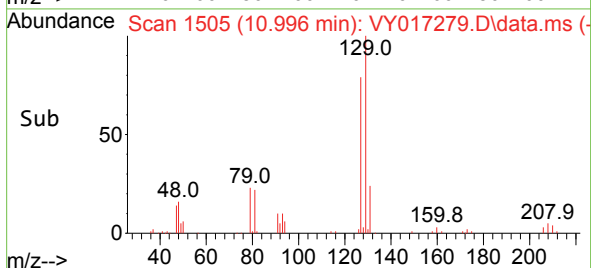
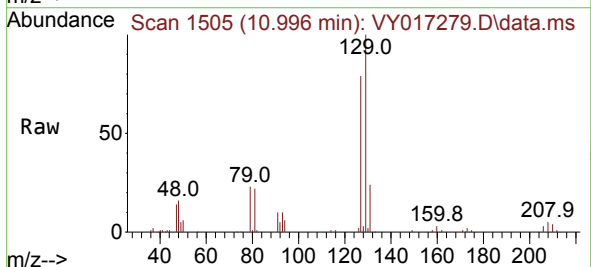
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

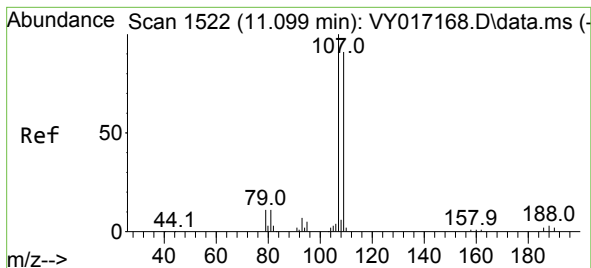
Tgt Ion: 43 Resp: 113151
Ion Ratio Lower Upper
43 100
58 54.8 28.1 84.3



#60
Dibromochloromethane
Concen: 47.332 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.007 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion: 129 Resp: 47409
Ion Ratio Lower Upper
129 100
127 78.2 39.2 117.6

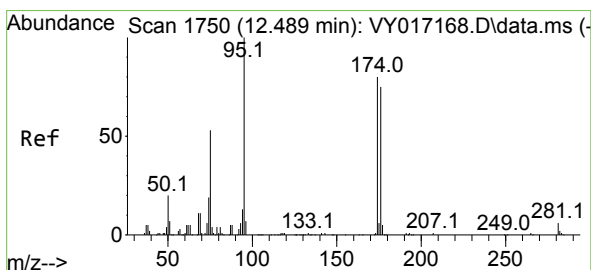
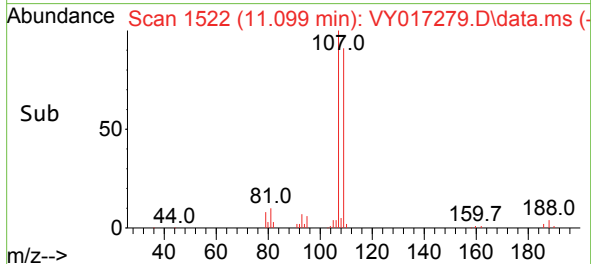
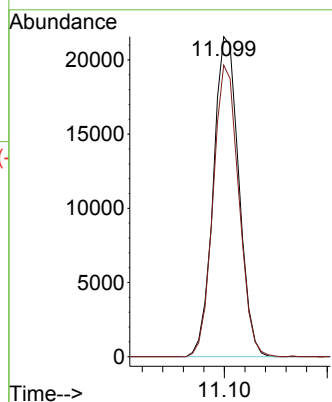
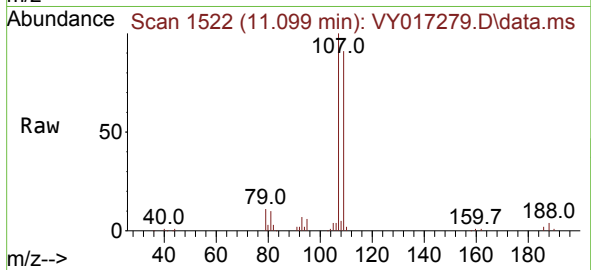




#61
1,2-Dibromoethane
Concen: 46.617 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

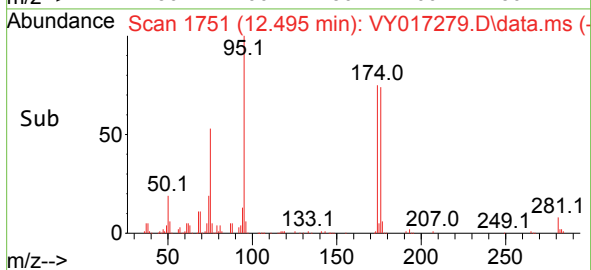
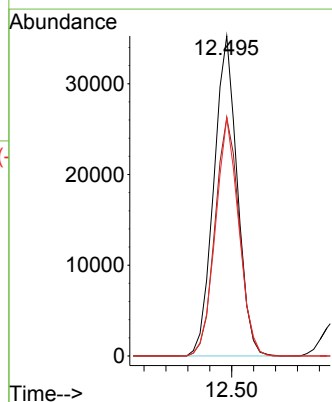
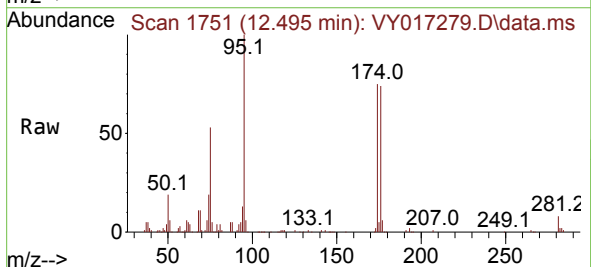
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

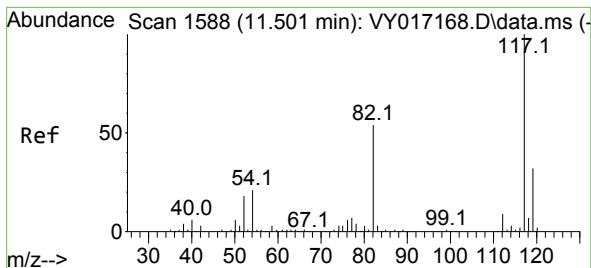
Tgt Ion:107 Resp: 37017
Ion Ratio Lower Upper
107 100
109 91.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 45.691 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion: 95 Resp: 52324
Ion Ratio Lower Upper
95 100
174 76.9 0.0 160.0
176 74.3 0.0 151.8

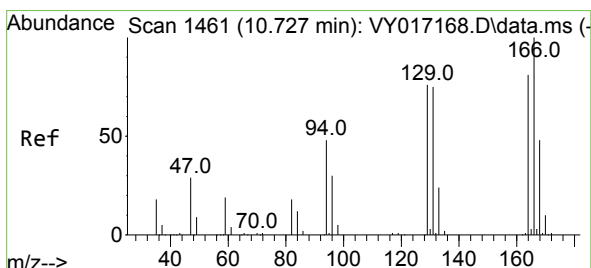
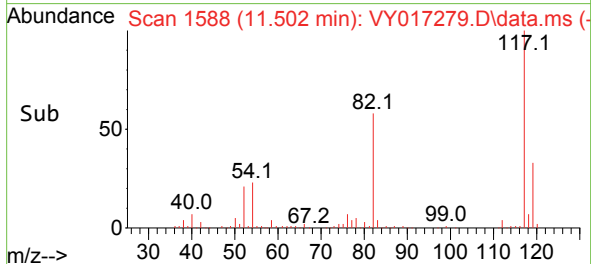
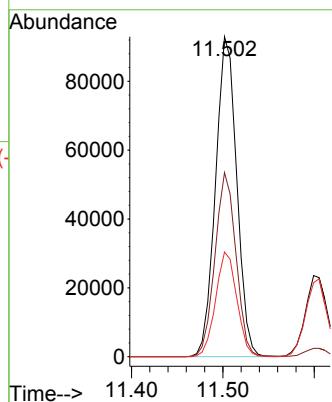
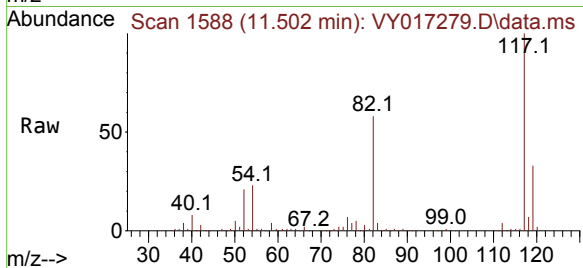




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

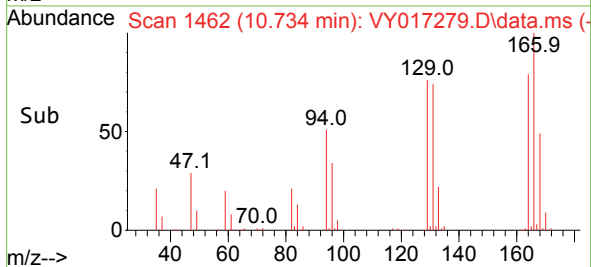
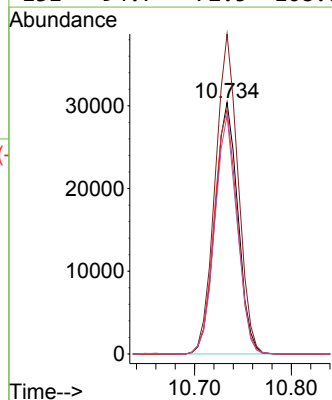
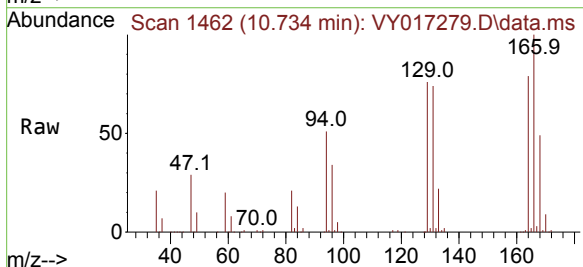
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

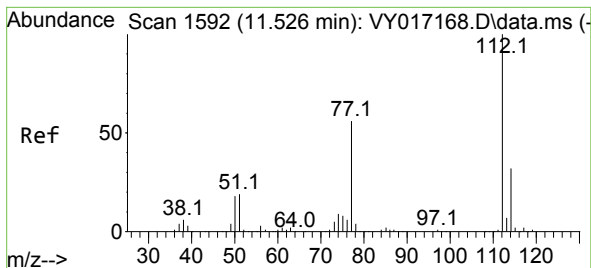
Tgt Ion:117 Resp: 150034
Ion Ratio Lower Upper
117 100
82 57.5 43.8 65.8
119 32.7 26.5 39.7



#64
Tetrachloroethene
Concen: 51.260 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.007 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion:164 Resp: 49948
Ion Ratio Lower Upper
164 100
166 127.2 98.8 148.2
129 97.1 78.9 118.3
131 94.7 72.5 108.7

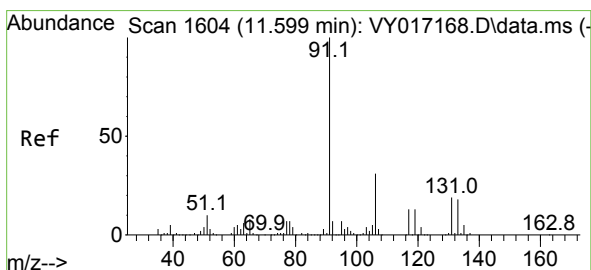
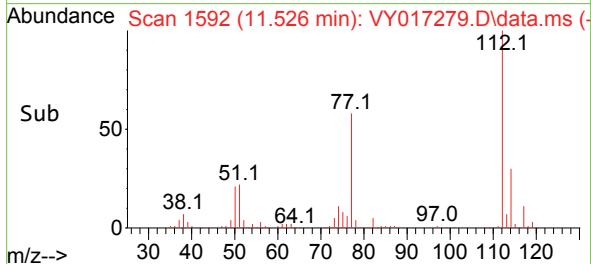
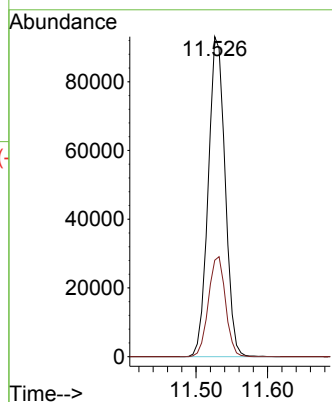
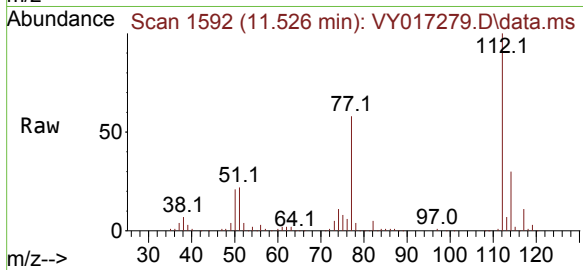




#65
Chlorobenzene
Concen: 52.646 ug/l
RT: 11.526 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

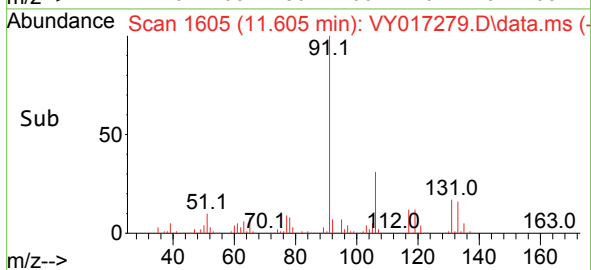
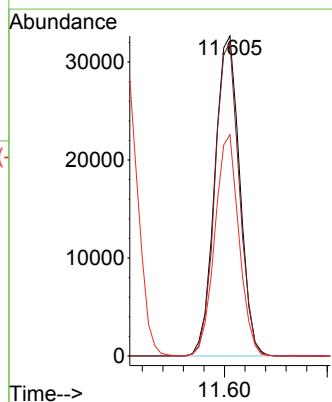
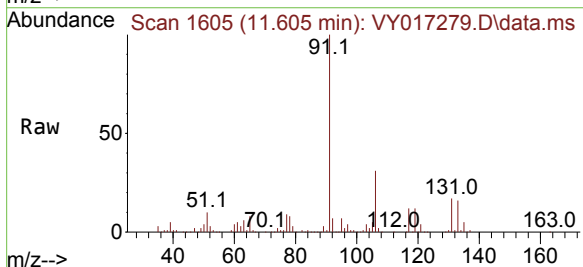
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

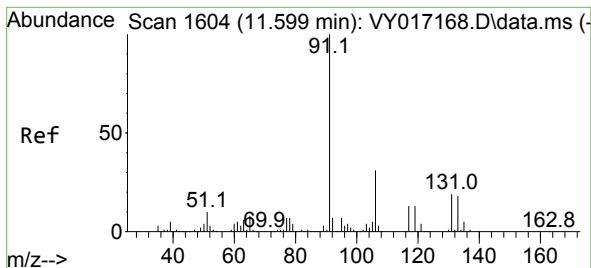
Tgt Ion:112 Resp: 152371
Ion Ratio Lower Upper
112 100
114 30.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 52.147 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.007 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion:131 Resp: 54849
Ion Ratio Lower Upper
131 100
133 95.6 47.0 141.0
119 67.3 33.3 99.9





#67

Ethyl Benzene

Concen: 55.870 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

Instrument :

MSVOA_Y

ClientSampleId :

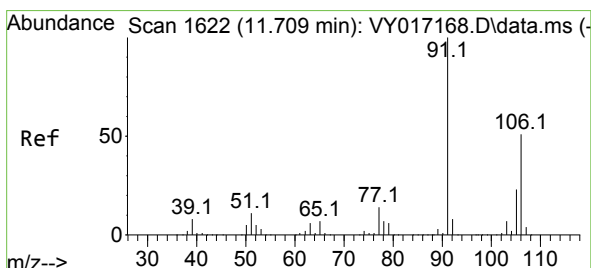
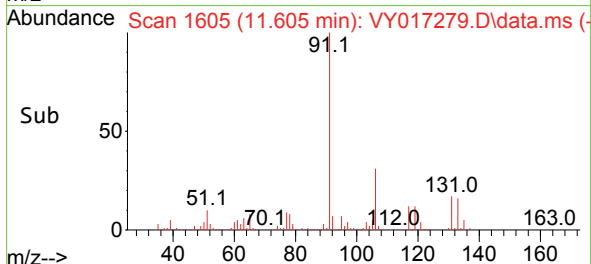
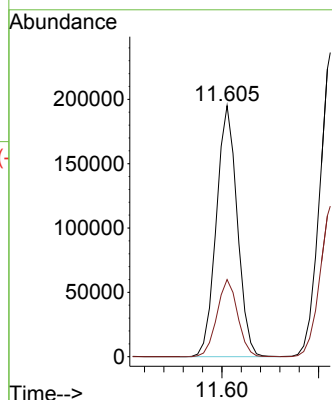
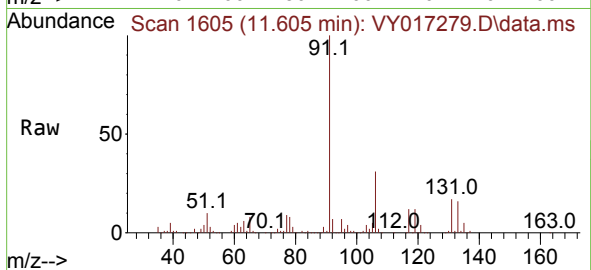
VSTDCCC050

Tgt Ion: 91 Resp: 292244

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.4



#68

m/p-Xylenes

Concen: 111.613 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.007 min

Lab File: VY017279.D

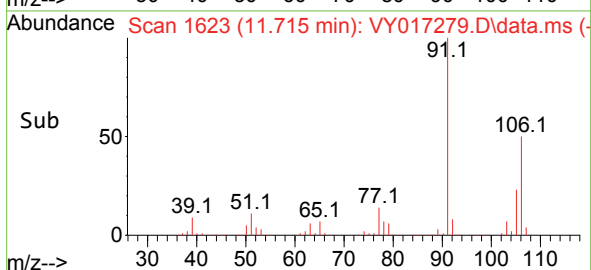
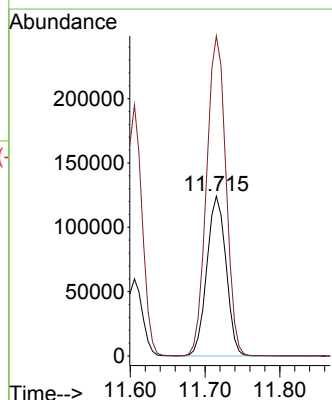
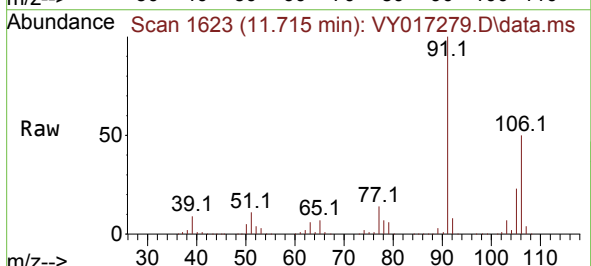
Acq: 07 Feb 2024 10:13

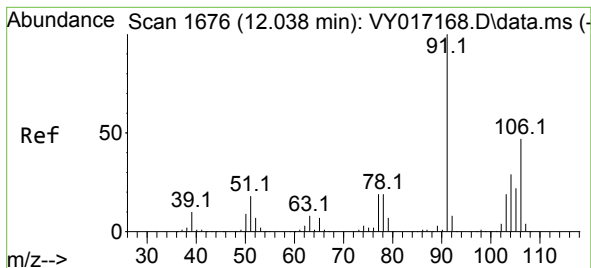
Tgt Ion:106 Resp: 221559

Ion Ratio Lower Upper

106 100

91 202.0 160.7 241.1





#69

o-Xylene

Concen: 55.339 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

Instrument :

MSVOA_Y

ClientSampleId :

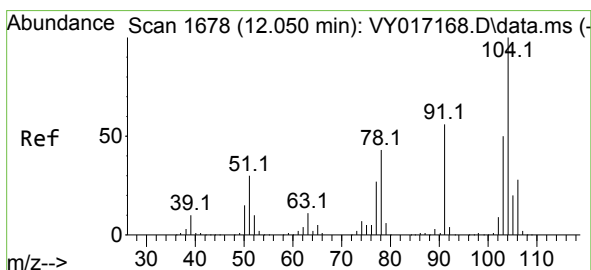
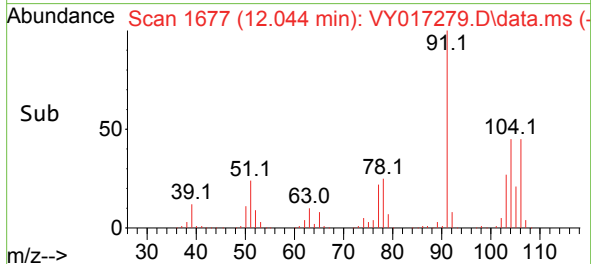
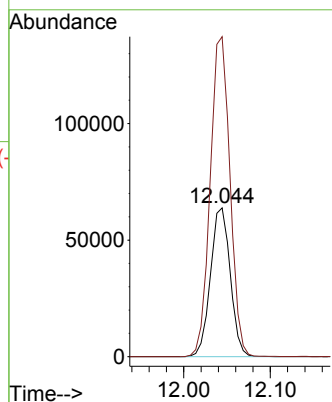
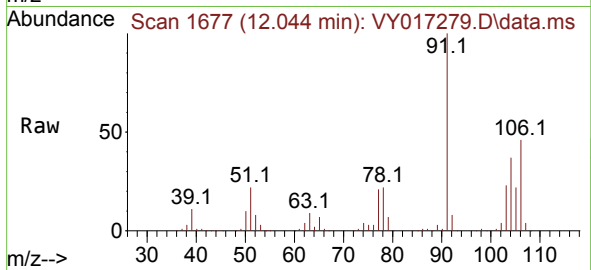
VSTDCCC050

Tgt Ion:106 Resp: 101161

Ion Ratio Lower Upper

106 100

91 215.9 106.5 319.5



#70

Styrene

Concen: 56.500 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.007 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

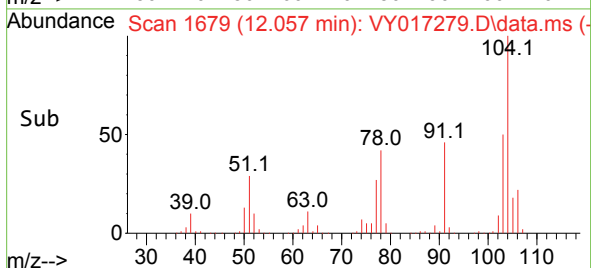
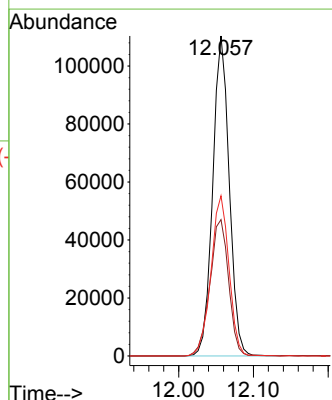
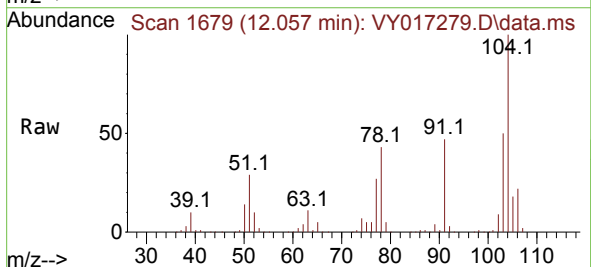
Tgt Ion:104 Resp: 170176

Ion Ratio Lower Upper

104 100

78 48.2 39.2 58.8

103 54.6 43.8 65.6





#71

Bromoform

Concen: 45.683 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

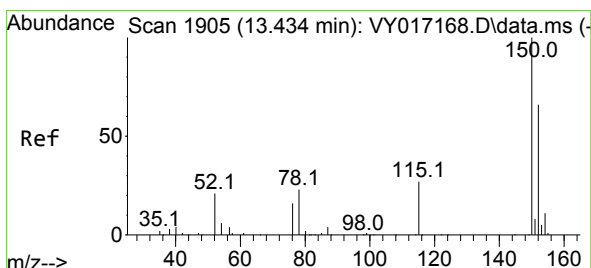
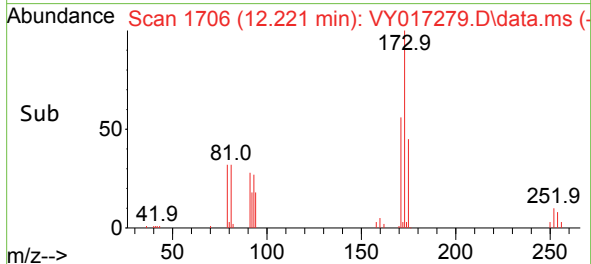
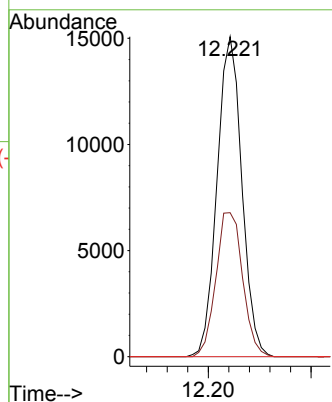
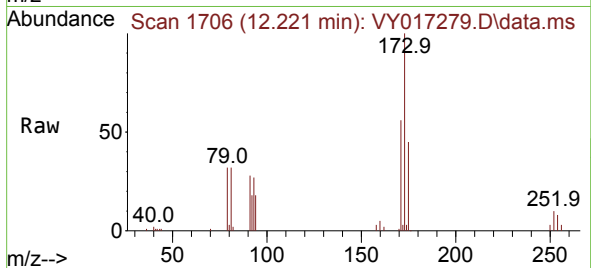
Tgt Ion:173 Resp: 25164

Ion Ratio Lower Upper

173 100

175 48.7 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.007 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

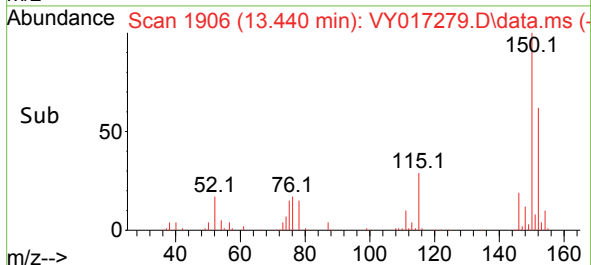
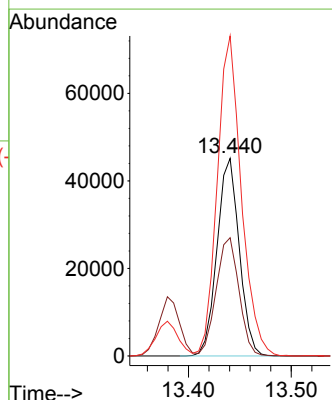
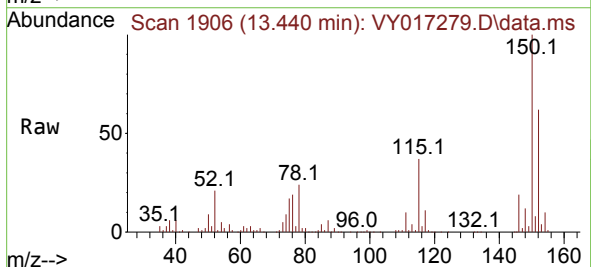
Tgt Ion:152 Resp: 67778

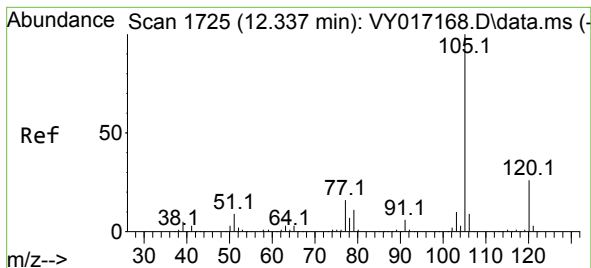
Ion Ratio Lower Upper

152 100

115 61.3 30.0 90.0

150 175.2 0.0 344.6





#73

Isopropylbenzene

Concen: 55.524 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

Instrument :

MSVOA_Y

ClientSampleId :

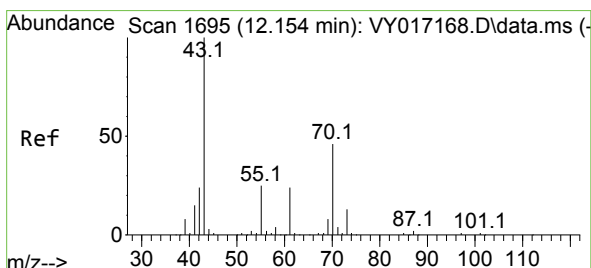
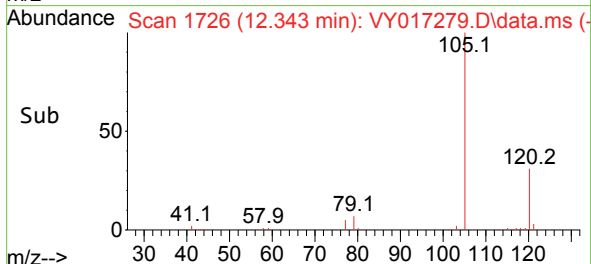
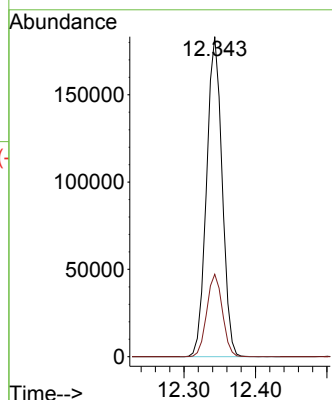
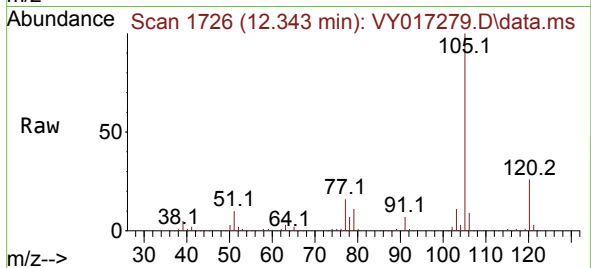
VSTDCCC050

Tgt Ion:105 Resp: 276465

Ion Ratio Lower Upper

105 100

120 25.9 13.0 39.0



#74

N-ethyl acetate

Concen: 47.676 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

Tgt Ion: 43 Resp: 53340

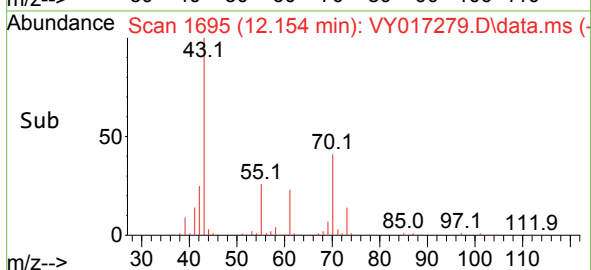
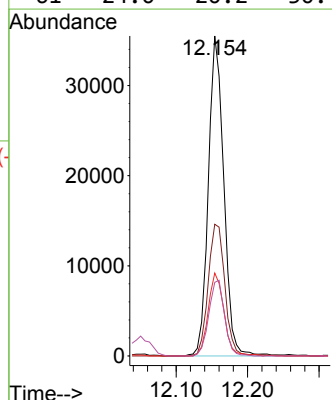
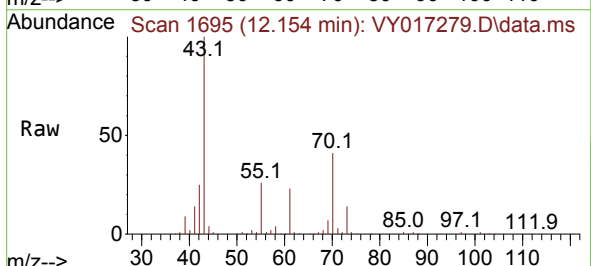
Ion Ratio Lower Upper

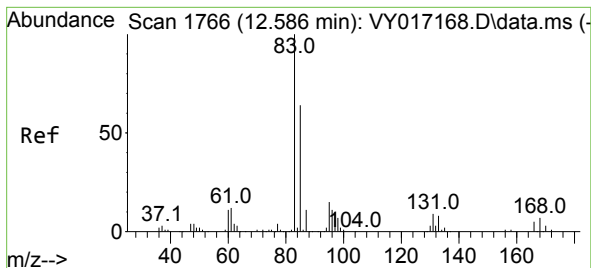
43 100

70 44.7 36.6 55.0

55 26.5 22.2 33.4

61 24.0 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 45.120 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.007 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

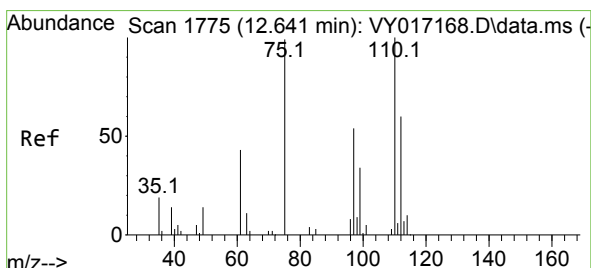
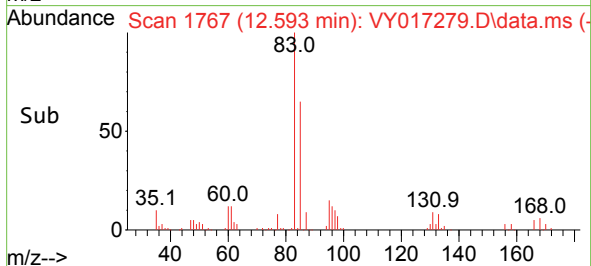
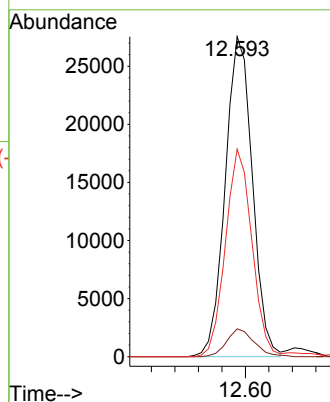
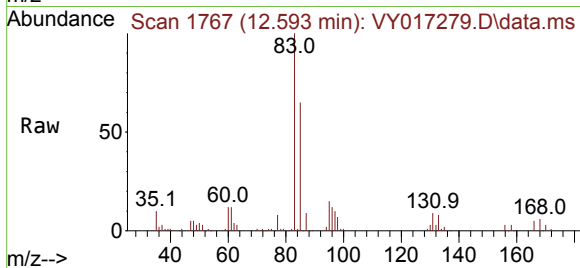
Tgt Ion: 83 Resp: 44187

Ion Ratio Lower Upper

83 100

131 8.8 4.9 14.6

85 64.5 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 87.918 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.007 min

Lab File: VY017279.D

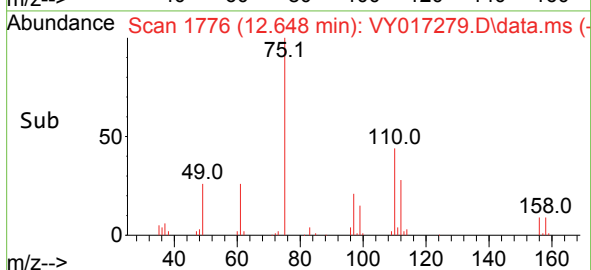
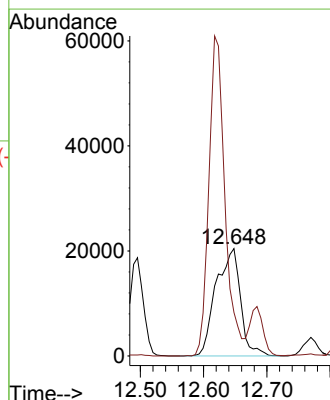
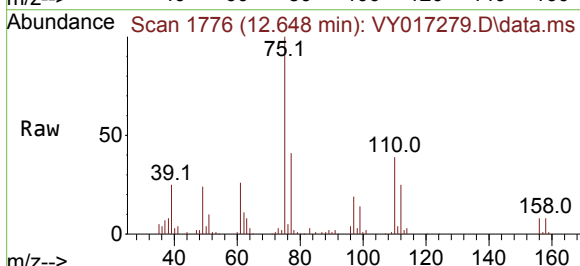
Acq: 07 Feb 2024 10:13

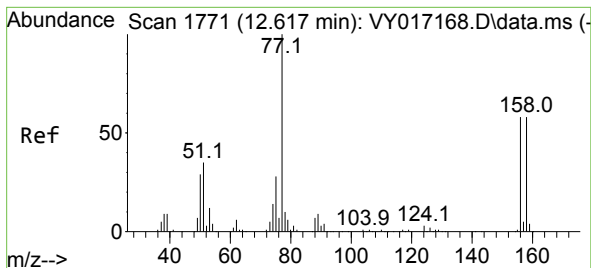
Tgt Ion: 75 Resp: 55000

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.079 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

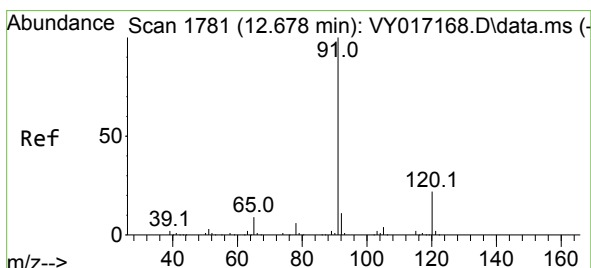
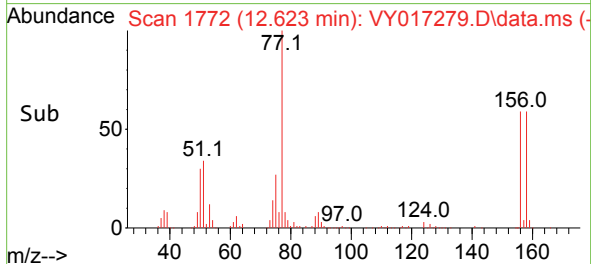
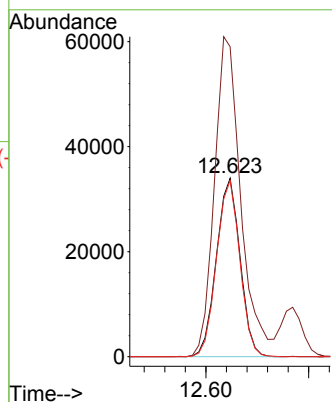
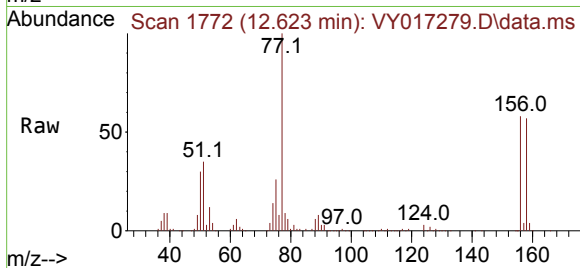
Tgt Ion:156 Resp: 54205

Ion Ratio Lower Upper

156 100

77 198.1 97.3 291.8

158 97.0 48.4 145.0



#78

n-propylbenzene

Concen: 56.717 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.007 min

Lab File: VY017279.D

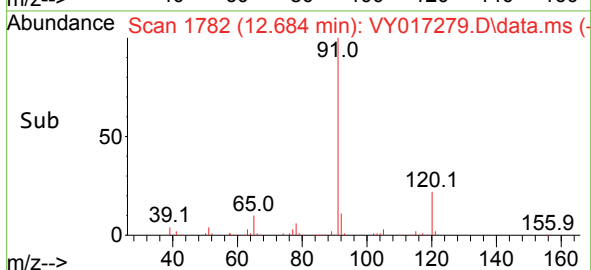
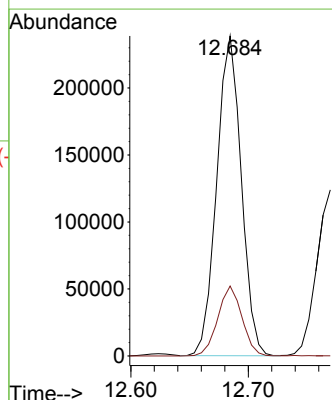
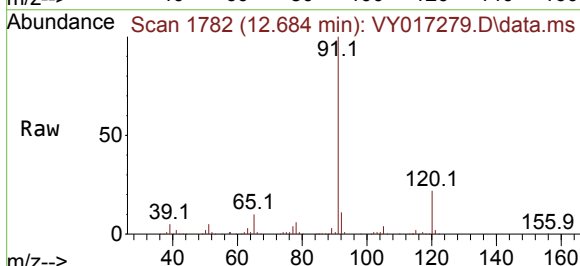
Acq: 07 Feb 2024 10:13

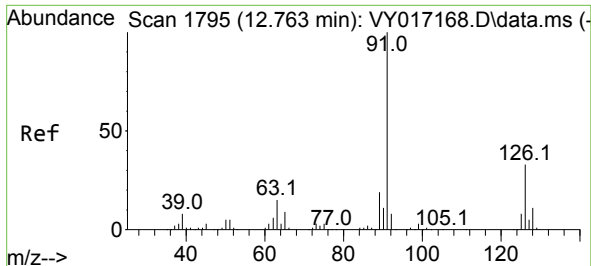
Tgt Ion: 91 Resp: 346845

Ion Ratio Lower Upper

91 100

120 21.5 11.0 33.0

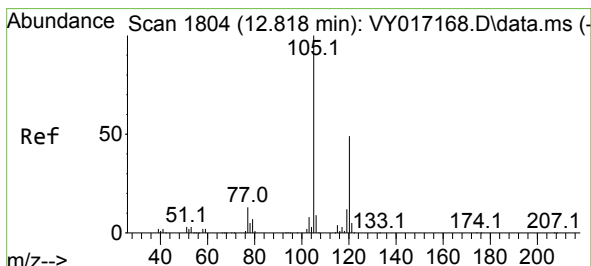
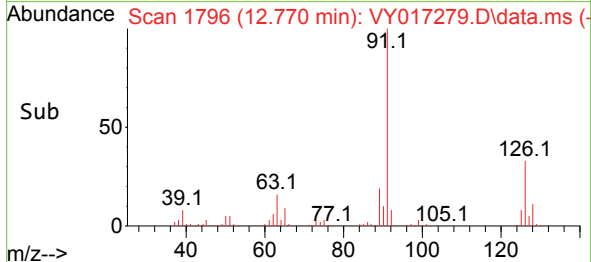
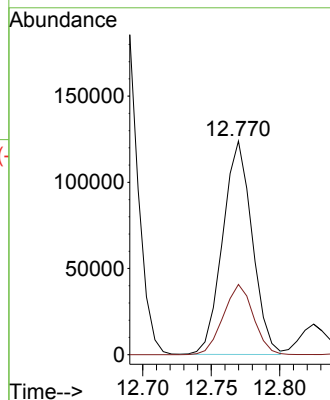
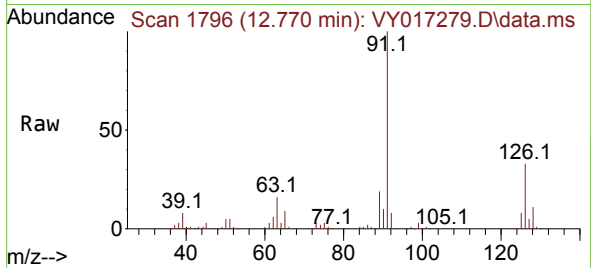




#79
2-Chlorotoluene
Concen: 55.303 ug/l
RT: 12.770 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

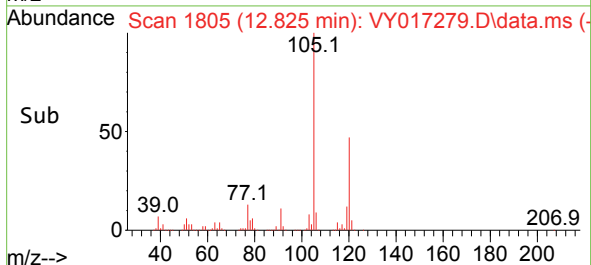
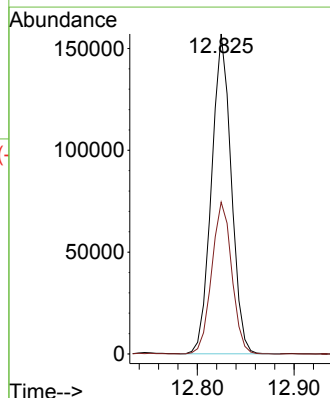
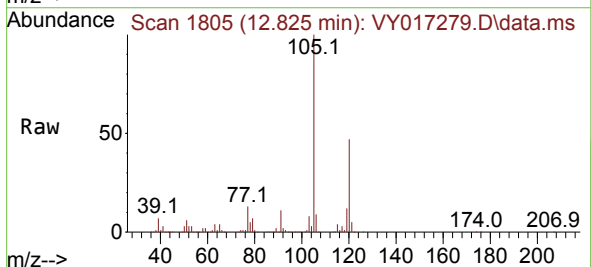
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

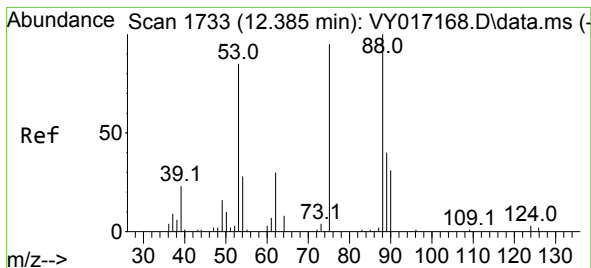
Tgt Ion: 91 Resp: 185931
Ion Ratio Lower Upper
91 100
126 33.6 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 56.127 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.007 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion: 105 Resp: 222265
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

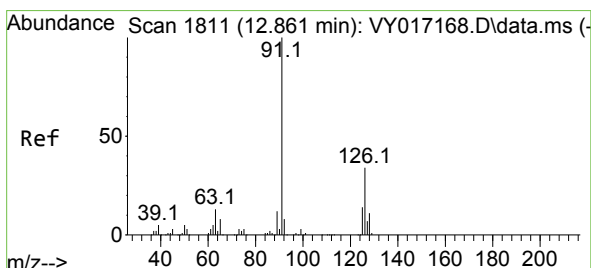
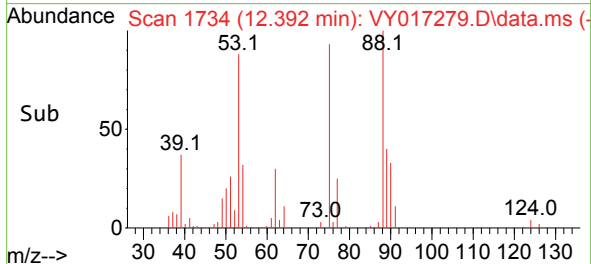
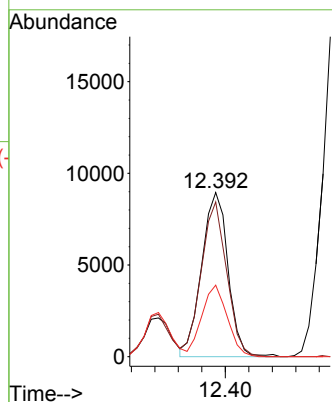
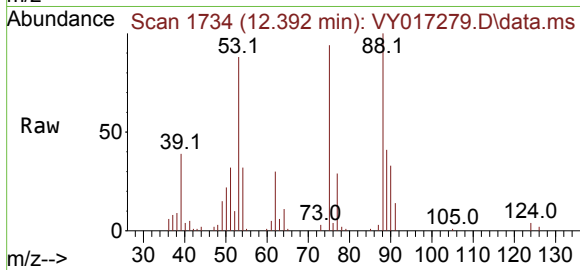




#81
trans-1,4-Dichloro-2-butene
Concen: 46.285 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

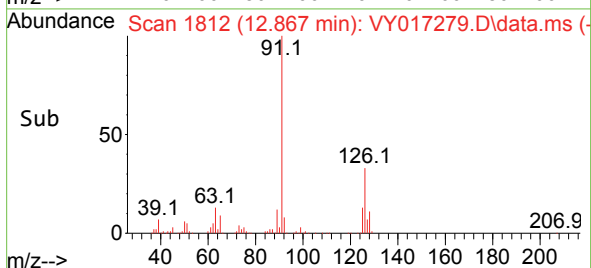
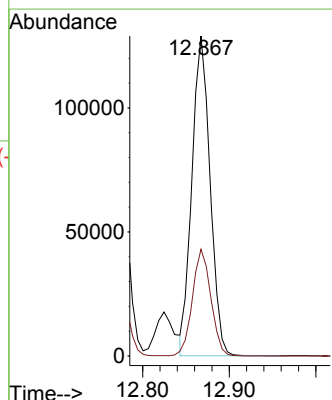
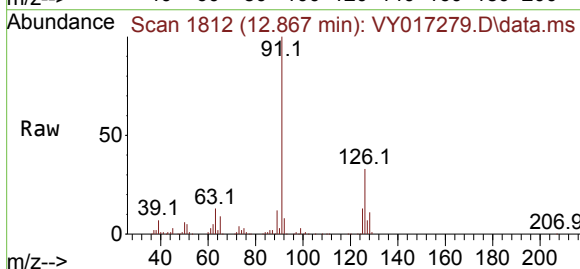
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

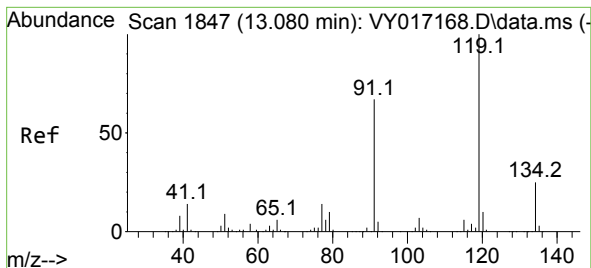
Tgt Ion: 75 Resp: 13935
Ion Ratio Lower Upper
75 100
53 91.4 74.0 111.0
89 41.8 36.5 54.7



#82
4-Chlorotoluene
Concen: 54.261 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017279.D
Acq: 07 Feb 2024 10:13

Tgt Ion: 91 Resp: 187756
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2





#83

tert-Butylbenzene

Concen: 55.937 ug/l

RT: 13.087 min Scan# 119

Delta R.T. 0.007 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

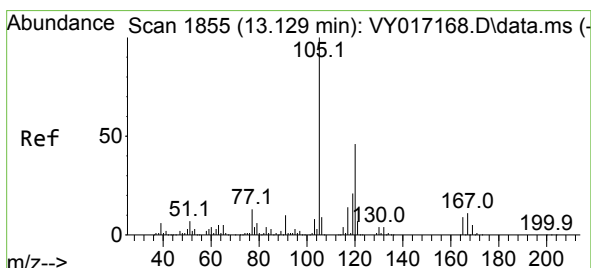
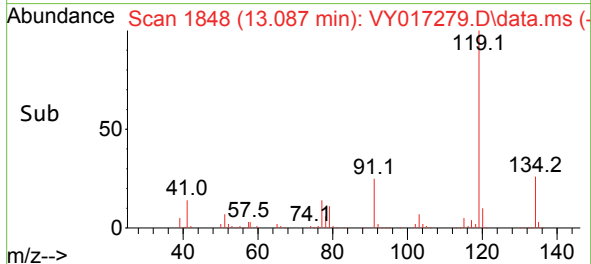
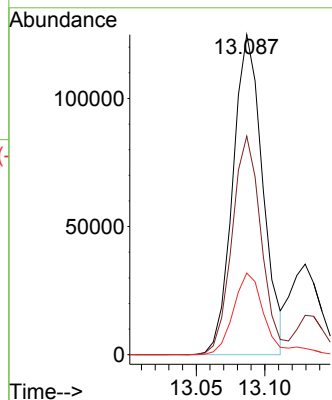
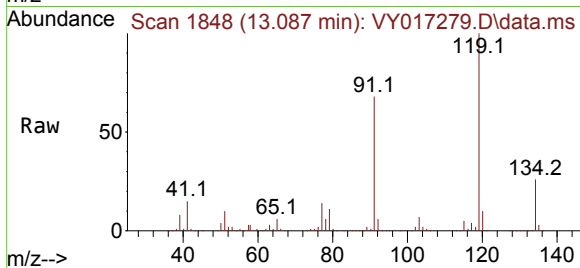
Tgt Ion:119 Resp: 189879

Ion Ratio Lower Upper

119 100

91 67.2 31.5 94.5

134 27.1 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 55.844 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017279.D

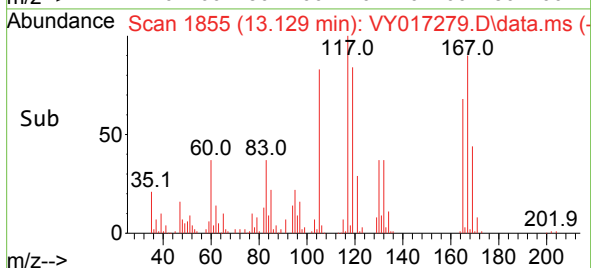
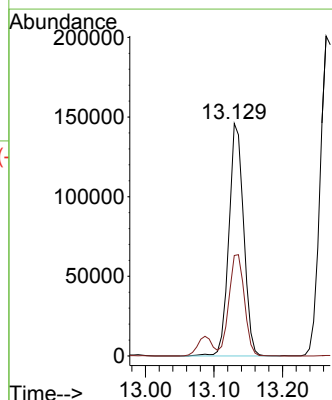
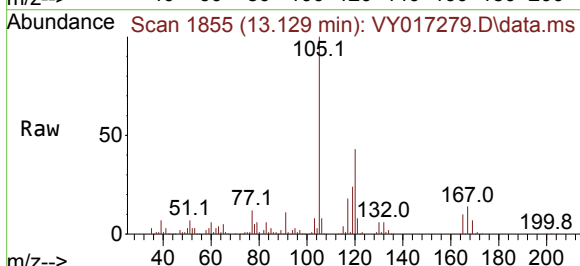
Acq: 07 Feb 2024 10:13

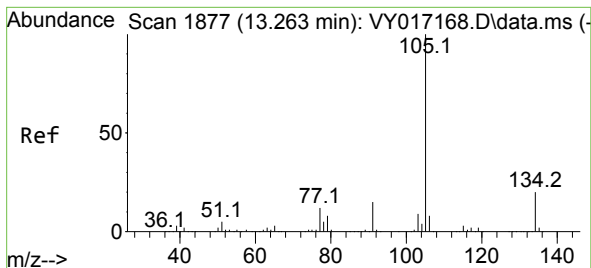
Tgt Ion:105 Resp: 218283

Ion Ratio Lower Upper

105 100

120 45.6 22.1 66.3





#85

sec-Butylbenzene

Concen: 57.337 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

Instrument :

MSVOA_Y

ClientSampleId :

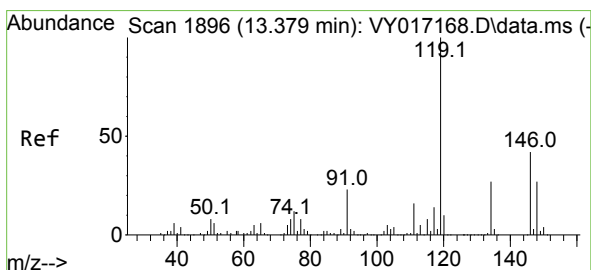
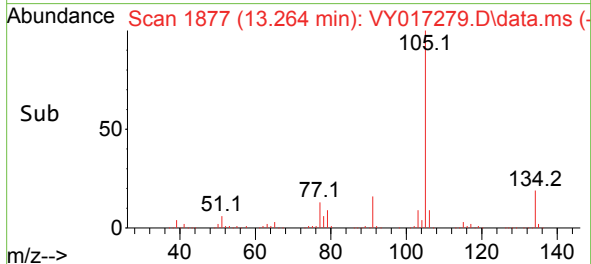
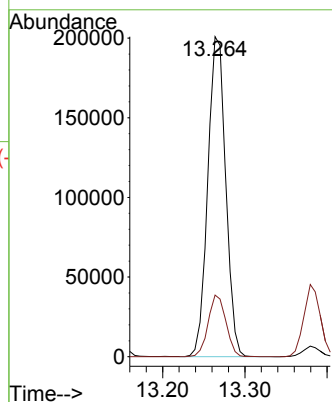
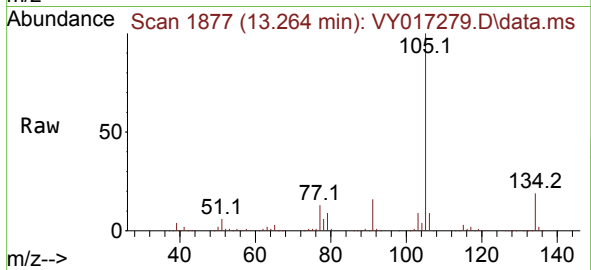
VSTDCCC050

Tgt Ion:105 Resp: 304194

Ion Ratio Lower Upper

105 100

134 19.1 9.7 28.9



#86

p-Isopropyltoluene

Concen: 56.820 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

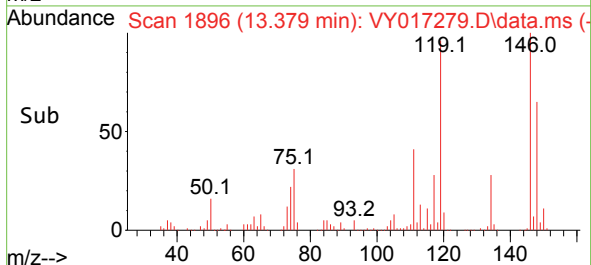
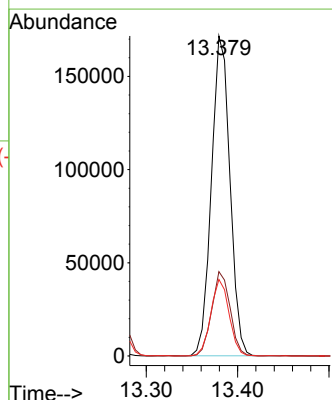
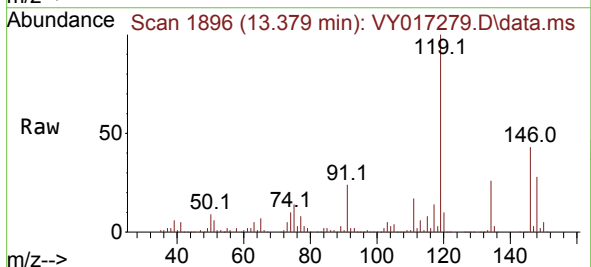
Tgt Ion:119 Resp: 240891

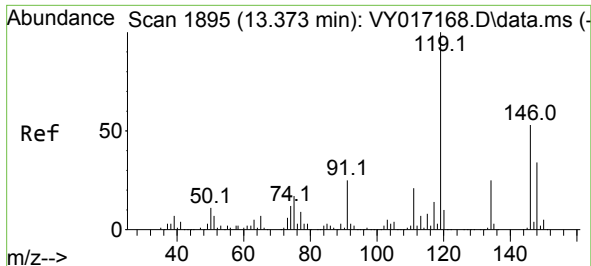
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 23.5 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 51.640 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

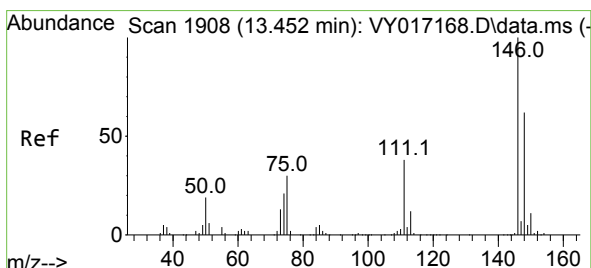
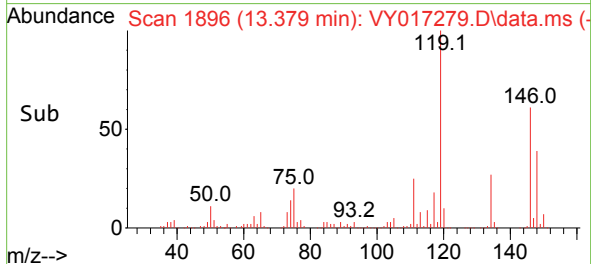
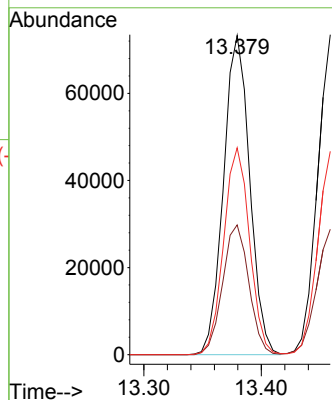
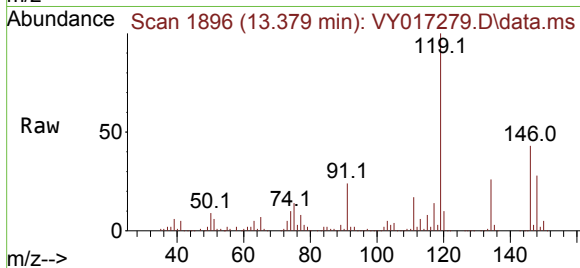
Tgt Ion:146 Resp: 113779

Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.5

148 64.0 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 51.537 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

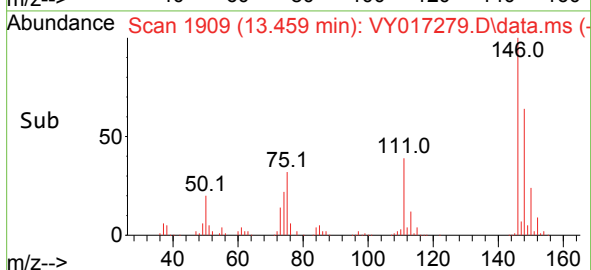
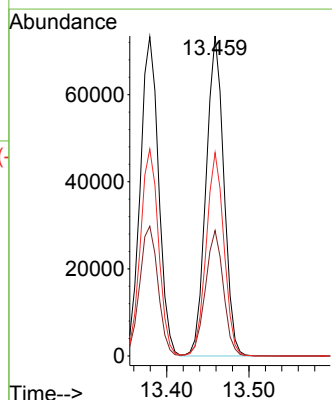
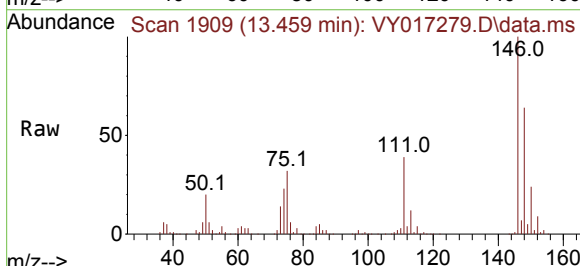
Tgt Ion:146 Resp: 110319

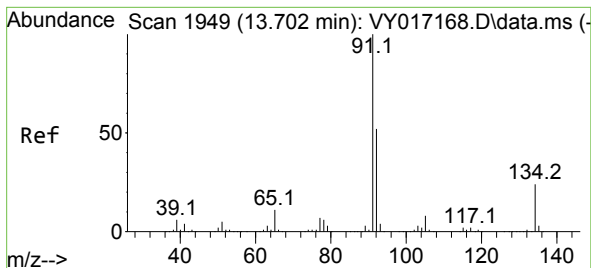
Ion Ratio Lower Upper

146 100

111 39.8 19.3 57.9

148 63.4 31.6 94.7





#89

n-Butylbenzene

Concen: 58.196 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

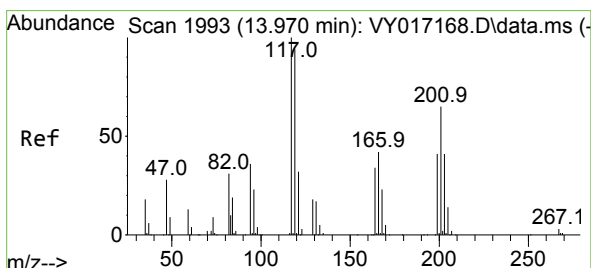
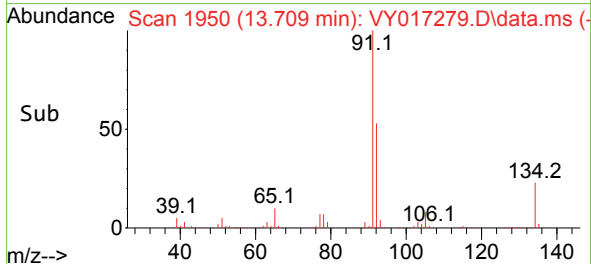
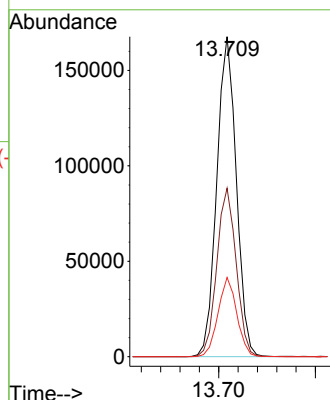
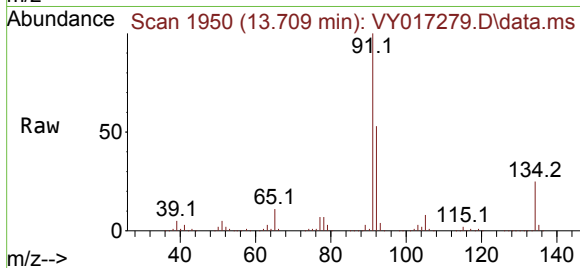
Tgt Ion: 91 Resp: 234581

Ion Ratio Lower Upper

91 100

92 52.3 26.4 79.2

134 23.9 12.3 36.8



#90

Hexachloroethane

Concen: 53.920 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY017279.D

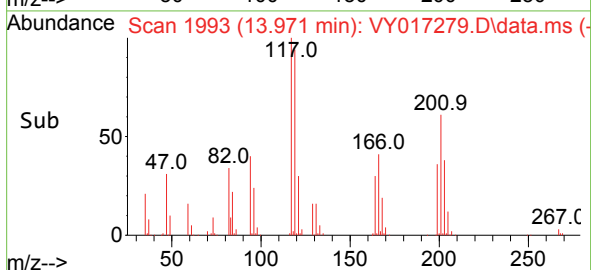
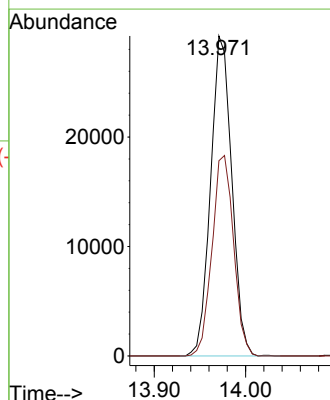
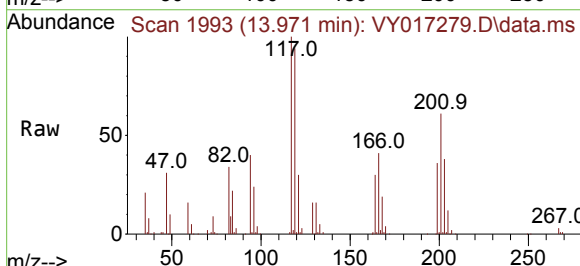
Acq: 07 Feb 2024 10:13

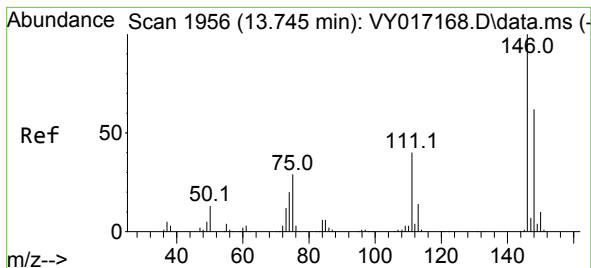
Tgt Ion: 117 Resp: 46929

Ion Ratio Lower Upper

117 100

201 63.9 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 50.977 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

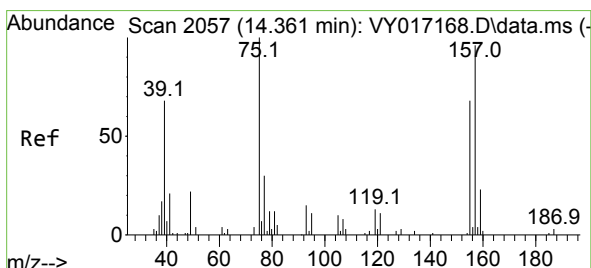
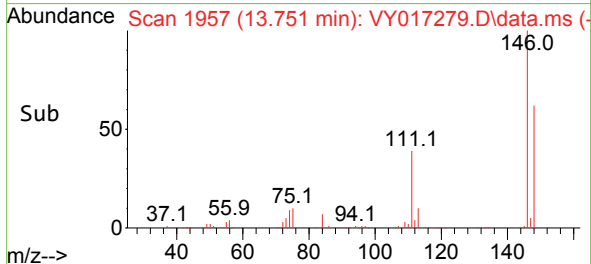
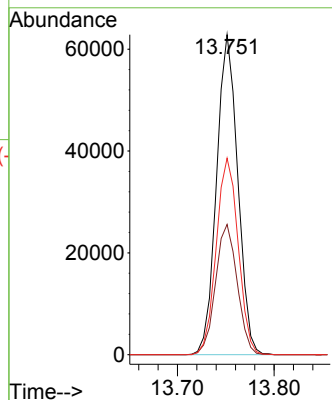
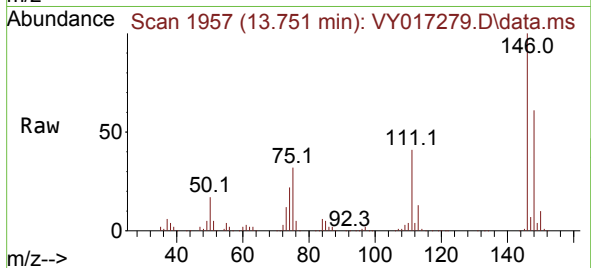
Tgt Ion:146 Resp: 95616

Ion Ratio Lower Upper

146 100

111 41.7 20.5 61.6

148 63.4 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.496 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

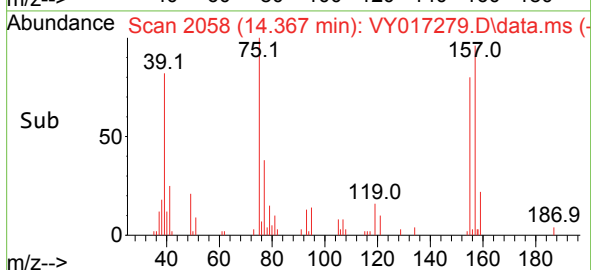
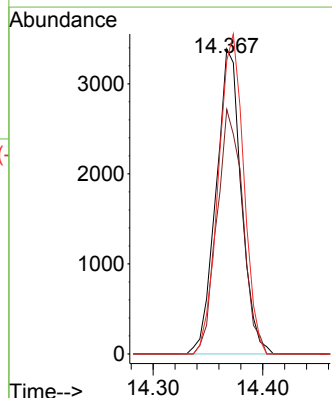
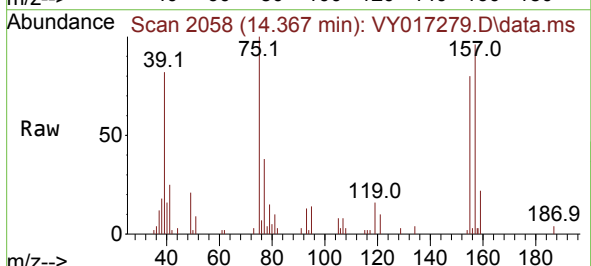
Tgt Ion: 75 Resp: 5421

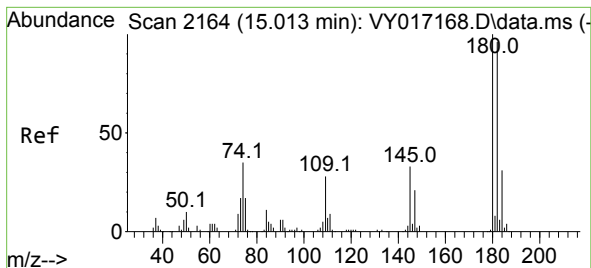
Ion Ratio Lower Upper

75 100

155 81.9 42.1 126.3

157 105.2 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 51.923 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

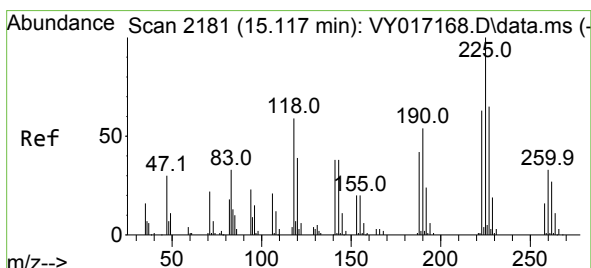
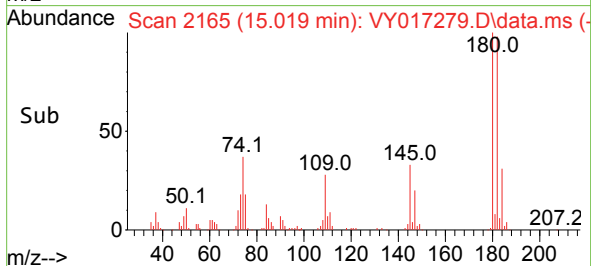
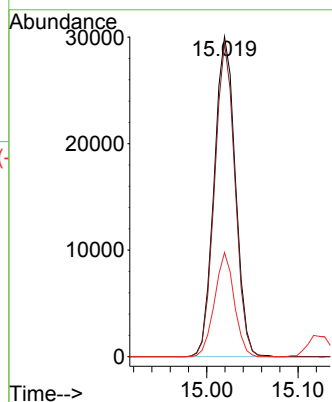
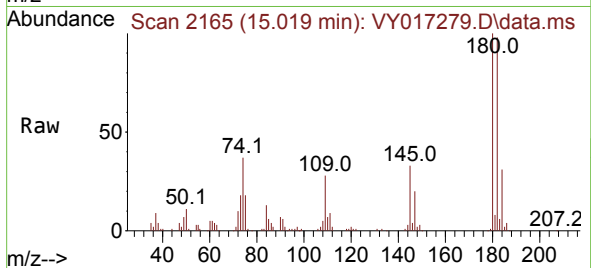
Tgt Ion:180 Resp: 48375

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.7

145 30.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 51.861 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.007 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

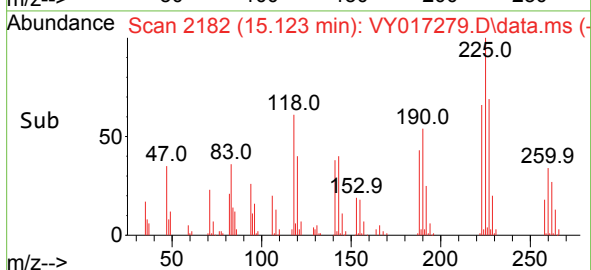
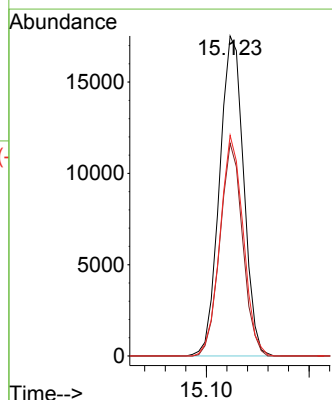
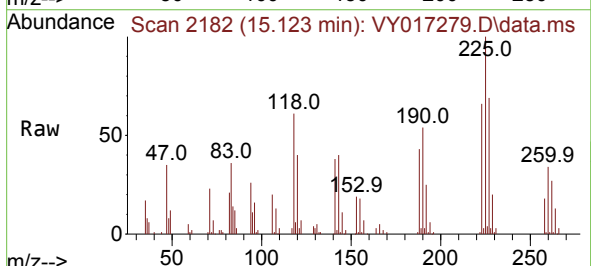
Tgt Ion:225 Resp: 28457

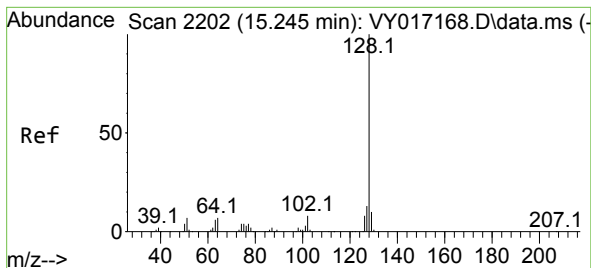
Ion Ratio Lower Upper

225 100

223 62.6 31.4 94.3

227 66.5 32.3 96.8





#95

Naphthalene

Concen: 44.930 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

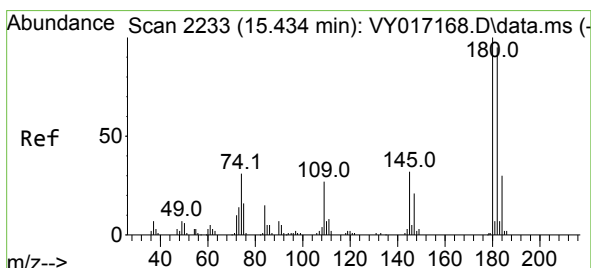
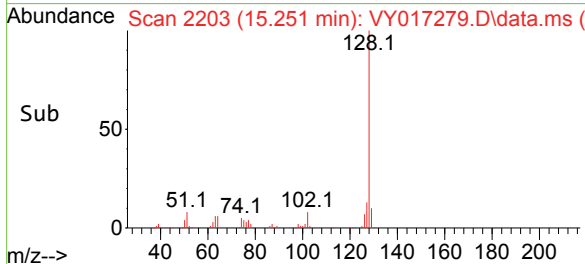
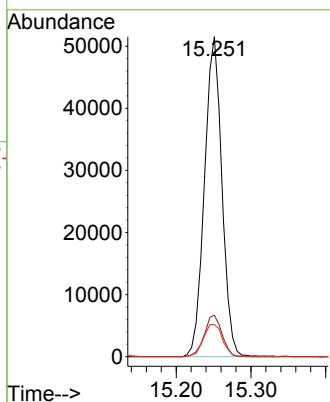
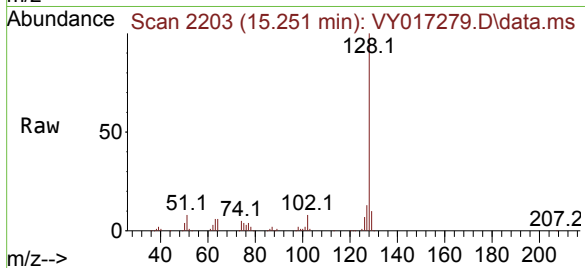
Tgt Ion:128 Resp: 83365

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 49.892 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017279.D

Acq: 07 Feb 2024 10:13

Tgt Ion:180 Resp: 39533

Ion Ratio Lower Upper

180 100

182 95.7 46.3 138.8

145 33.2 16.1 48.2

