

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017277.D
 Acq On : 06 Feb 2024 20:09
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Feb 07 00:12:49 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	7.807	168	104101	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	190059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	170824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	48044	51.662	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.320%	
35) Dibromofluoromethane	7.734	113	47276	46.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.140%	
50) Toluene-d8	10.191	98	177742	47.572	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.140%	
62) 4-Bromofluorobenzene	12.489	95	63722	52.063	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	33142	41.996	ug/l	98
3) Chloromethane	2.125	50	73570	51.894	ug/l	98
4) Vinyl Chloride	2.259	62	88684	51.333	ug/l	99
5) Bromomethane	2.662	94	68849	57.491	ug/l	97
6) Chloroethane	2.808	64	60319	54.074	ug/l	98
7) Trichlorofluoromethane	3.137	101	82169	46.253	ug/l	99
8) Diethyl Ether	3.552	74	28324	50.687	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.918	101	49628	46.084	ug/l	97
10) Methyl Iodide	4.113	142	41897	37.007	ug/l	100
11) Tert butyl alcohol	4.984	59	18543	235.974	ug/l	99
12) 1,1-Dichloroethene	3.893	96	46178	45.763	ug/l	98
13) Acrolein	3.747	56	18315	237.076	ug/l	99
14) Allyl chloride	4.503	41	74023	48.524	ug/l	97
15) Acrylonitrile	5.186	53	62340	247.778	ug/l	99
16) Acetone	3.972	43	55630	203.525	ug/l	99
17) Carbon Disulfide	4.216	76	138611	43.032	ug/l	100
18) Methyl Acetate	4.503	43	34524	56.619	ug/l	100
19) Methyl tert-butyl Ether	5.247	73	124077	51.056	ug/l	99
20) Methylene Chloride	4.741	84	58862	52.775	ug/l	94
21) trans-1,2-Dichloroethene	5.247	96	53983	47.027	ug/l	97
22) Diisopropyl ether	6.143	45	173144	51.685	ug/l	99
23) Vinyl Acetate	6.082	43	514601	253.518	ug/l	99
24) 1,1-Dichloroethane	6.045	63	100389	48.918	ug/l	98
25) 2-Butanone	7.008	43	83864	230.800	ug/l	98
26) 2,2-Dichloropropane	7.002	77	78352	45.901	ug/l	100
27) cis-1,2-Dichloroethene	7.008	96	63382	49.367	ug/l	100
28) Bromochloromethane	7.356	49	40029	50.942	ug/l	95
29) Tetrahydrofuran	7.374	42	52435	255.455	ug/l	99
30) Chloroform	7.527	83	102325	49.565	ug/l	100
31) Cyclohexane	7.807	56	84196	44.917	ug/l	99
32) 1,1,1-Trichloroethane	7.722	97	86325	48.613	ug/l	99
36) 1,1-Dichloropropene	7.935	75	77643	43.863	ug/l	99
37) Ethyl Acetate	7.094	43	37973	46.252	ug/l	99
38) Carbon Tetrachloride	7.923	117	74081	43.710	ug/l	99
39) Methylcyclohexane	9.197	83	91877	44.429	ug/l	98
40) Benzene	8.179	78	230289	45.557	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	23036	59.221	ug/l	95
42) 1,2-Dichloroethane	8.252	62	62278	46.532	ug/l	100
43) Isopropyl Acetate	8.289	43	72340	49.775	ug/l	98
44) Trichloroethene	8.953	130	56463	44.003	ug/l	96
45) 1,2-Dichloropropane	9.228	63	58294	46.949	ug/l	99
46) Dibromomethane	9.319	93	31433	46.866	ug/l	95
47) Bromodichloromethane	9.508	83	76818	45.765	ug/l	98
48) Methyl methacrylate	9.307	41	34244	50.234	ug/l	98
49) 1,4-Dioxane	9.313	88	6724	921.064	ug/l	95
51) 4-Methyl-2-Pentanone	10.081	43	197656	253.711	ug/l	99
52) Toluene	10.258	92	142732	46.779	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	75434	47.845	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	88346	46.782	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	44633	48.911	ug/l	98
56) Ethyl methacrylate	10.520	69	57966	47.380	ug/l	96
57) 1,3-Dichloropropane	10.800	76	74942	47.748	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.794	63	159189	280.019	ug/l	97
59) 2-Hexanone	10.843	43	138014	244.991	ug/l	99
60) Dibromochloromethane	10.996	129	50460	47.136	ug/l	98
61) 1,2-Dibromoethane	11.099	107	40254	47.431	ug/l	99
64) Tetrachloroethene	10.733	164	49536	44.651	ug/l	98
65) Chlorobenzene	11.526	112	147947	44.896	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	53774	44.903	ug/l	99
67) Ethyl Benzene	11.605	91	279047	46.854	ug/l	100
68) m/p-Xylenes	11.715	106	208804	92.386	ug/l	99
69) o-Xylene	12.038	106	100140	48.113	ug/l	97
70) Styrene	12.056	104	171340	49.963	ug/l	99
71) Bromoform	12.221	173	29661	47.294	ug/l #	99
73) Isopropylbenzene	12.343	105	265750	45.875	ug/l	100
74) N-amyl acetate	12.154	43	66082	50.769	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	52186	45.803	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	62927	86.461	ug/l #	100
77) Bromobenzene	12.617	156	55660	43.317	ug/l	97
78) n-propylbenzene	12.678	91	325311	45.724	ug/l	100
79) 2-Chlorotoluene	12.770	91	179558	45.906	ug/l	100
80) 1,3,5-Trimethylbenzene	12.824	105	214185	46.490	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	16111	45.996	ug/l	99
82) 4-Chlorotoluene	12.861	91	183241	45.518	ug/l	100
83) tert-Butylbenzene	13.087	119	186443	47.210	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	214594	47.189	ug/l	100
85) sec-Butylbenzene	13.263	105	283522	45.934	ug/l	100
86) p-Isopropyltoluene	13.379	119	228489	46.324	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	114034	44.486	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	111521	44.781	ug/l	98
89) n-Butylbenzene	13.708	91	225189	48.019	ug/l	100
90) Hexachloroethane	13.971	117	44958	44.400	ug/l	95
91) 1,2-Dichlorobenzene	13.751	146	100190	45.913	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	6996	47.140	ug/l	95
93) 1,2,4-Trichlorobenzene	15.019	180	53154	49.039	ug/l	100
94) Hexachlorobutadiene	15.123	225	27191	42.593	ug/l	100
95) Naphthalene	15.245	128	115029	52.256	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	45782	49.662	ug/l	98

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ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId :
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QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

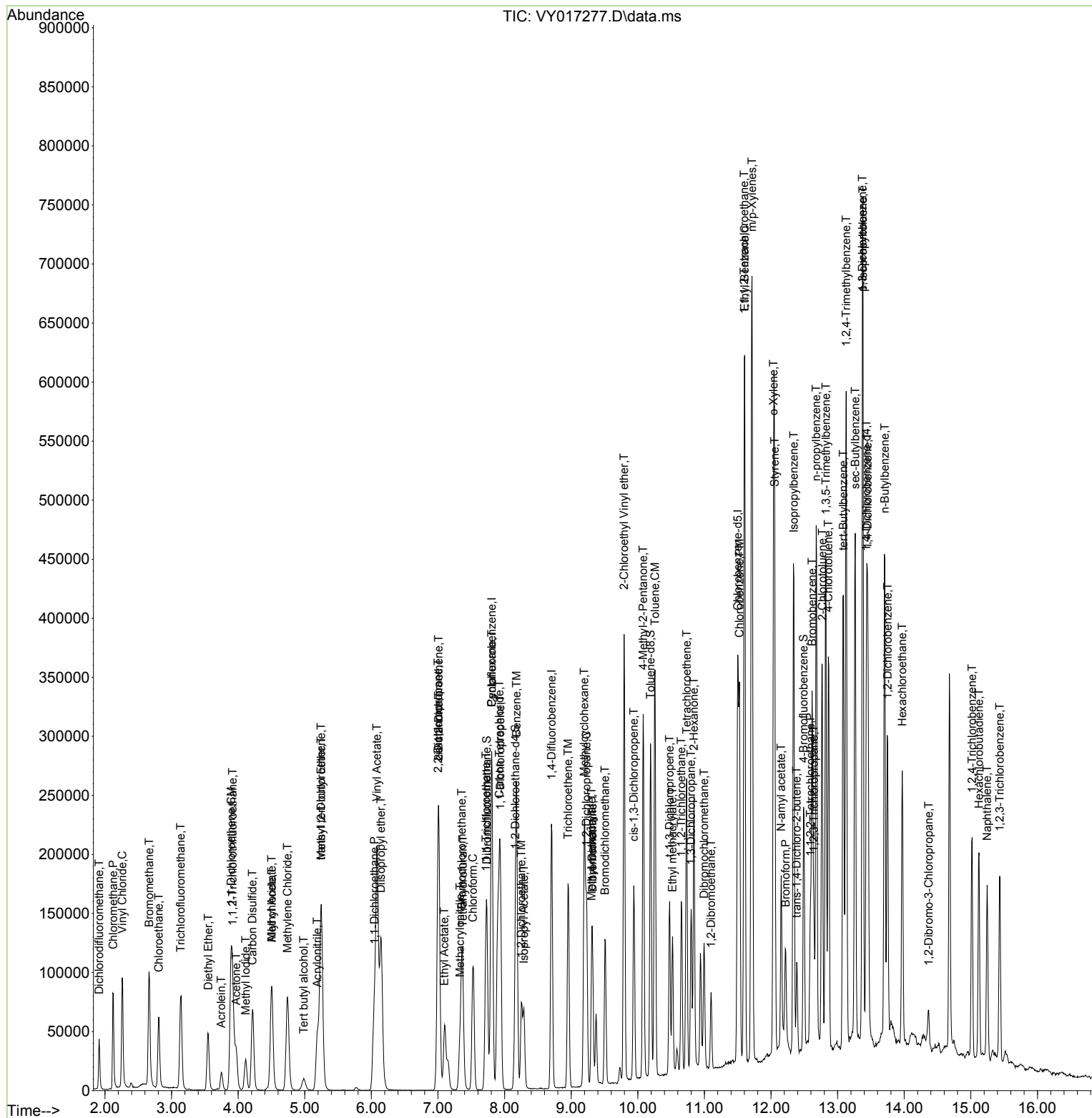
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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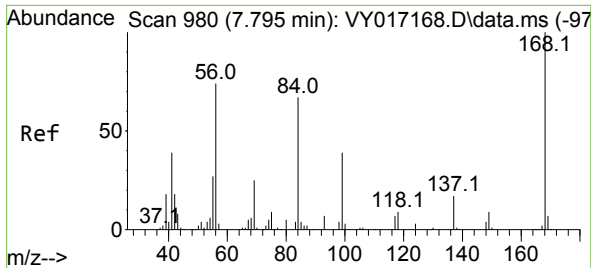
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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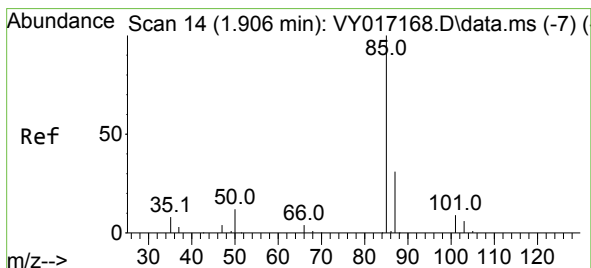
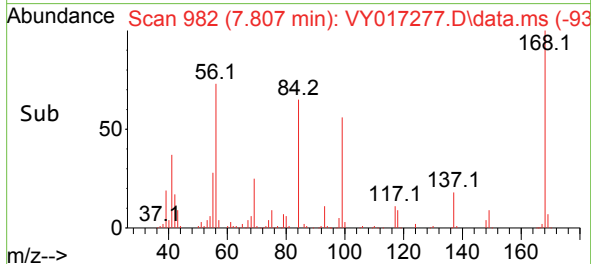
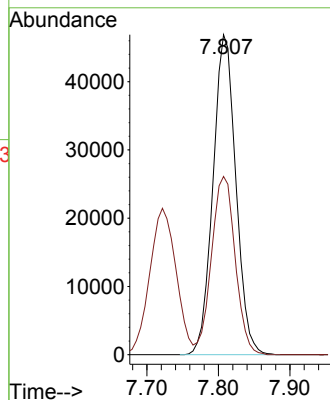
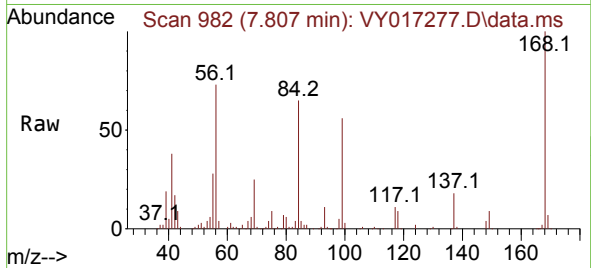




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY017277.D
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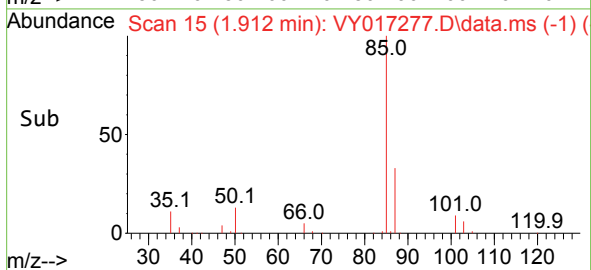
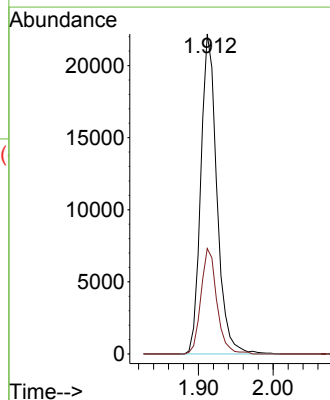
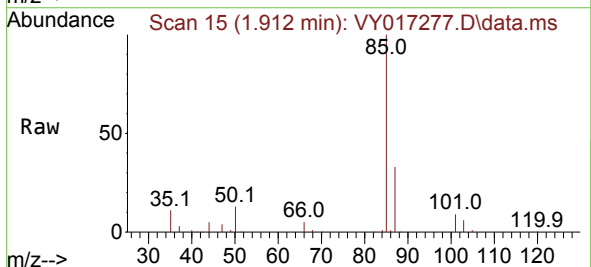
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

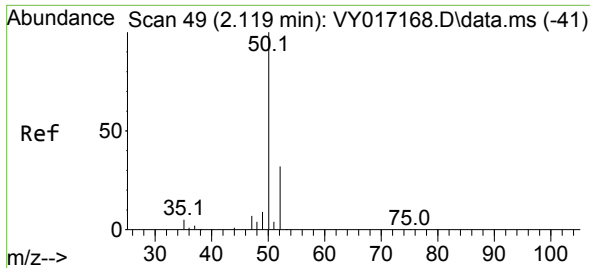
Tgt Ion:168 Resp: 104101
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 41.996 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 85 Resp: 33142
Ion Ratio Lower Upper
85 100
87 33.0 17.1 51.3

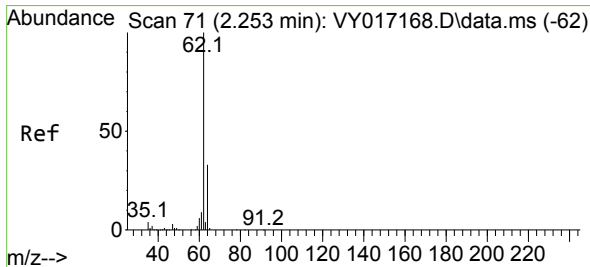
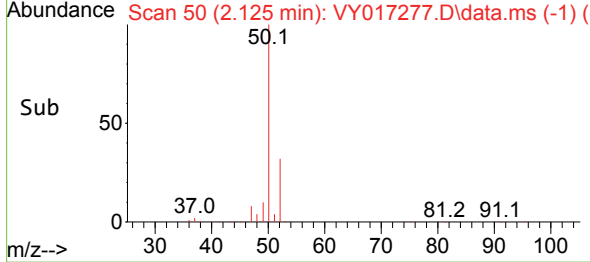
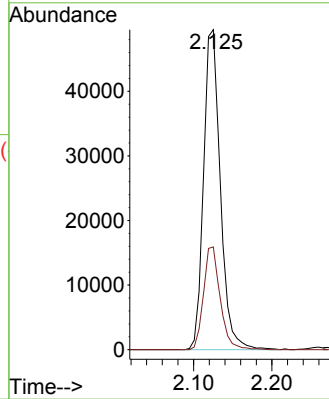
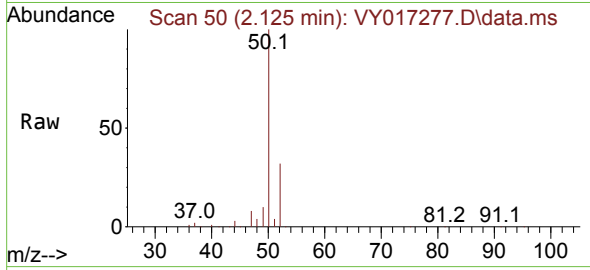




#3
Chloromethane
Concen: 51.894 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

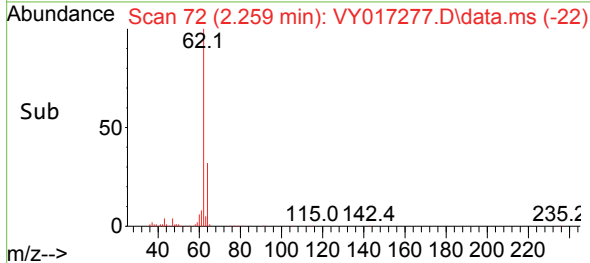
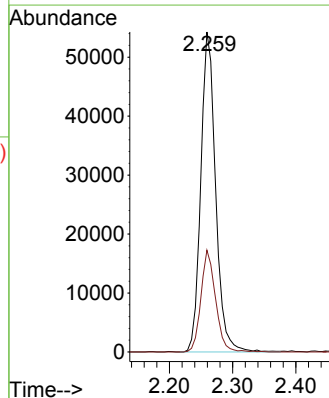
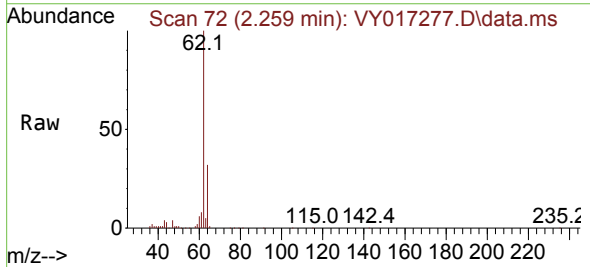
Instrument :
MSVOA_Y
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VSTDCCC050EC

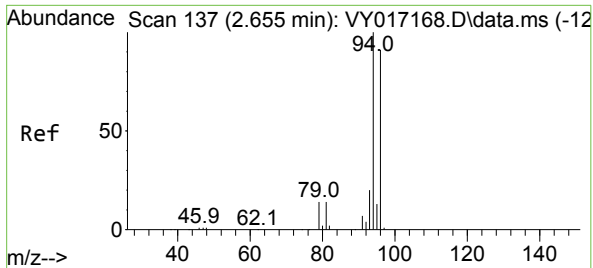
Tgt Ion: 50 Resp: 73570
Ion Ratio Lower Upper
50 100
52 32.1 26.7 40.1



#4
Vinyl Chloride
Concen: 51.333 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 62 Resp: 88684
Ion Ratio Lower Upper
62 100
64 31.8 25.7 38.5





#5

Bromomethane

Concen: 57.491 ug/l

RT: 2.662 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

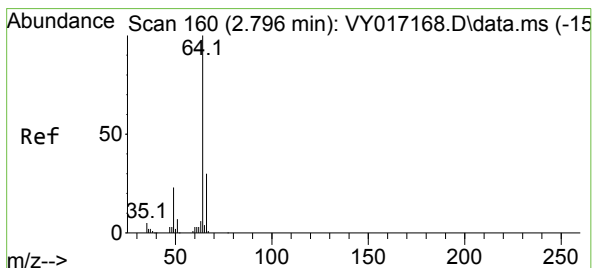
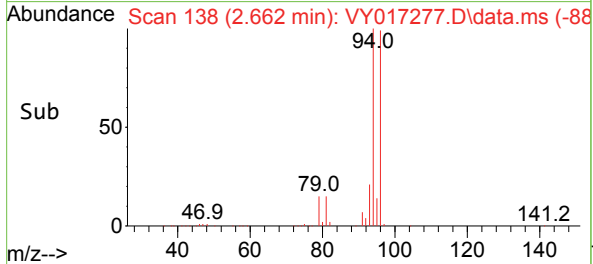
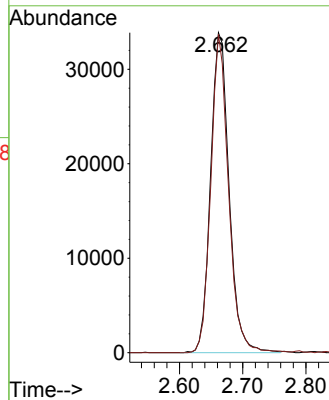
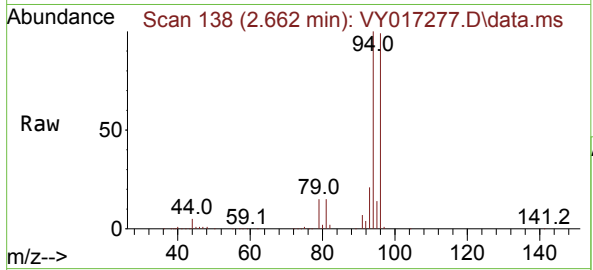
VSTDCCC050EC

Tgt Ion: 94 Resp: 68849

Ion Ratio Lower Upper

94 100

96 99.5 77.3 115.9



#6

Chloroethane

Concen: 54.074 ug/l

RT: 2.808 min Scan# 162

Delta R.T. 0.012 min

Lab File: VY017277.D

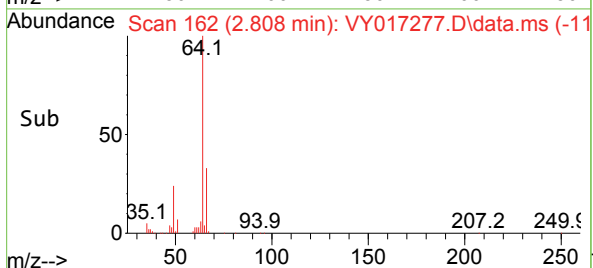
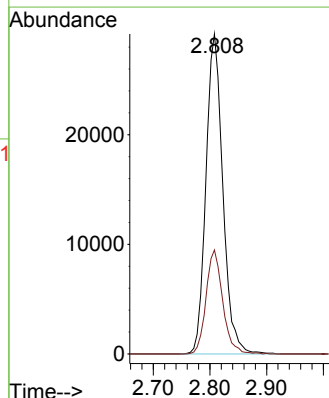
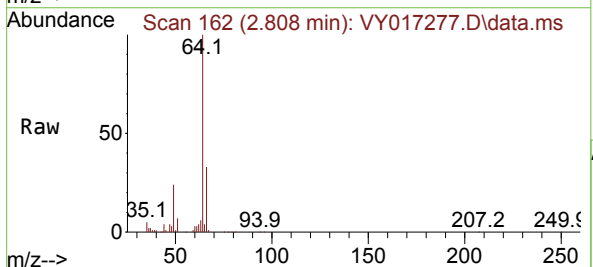
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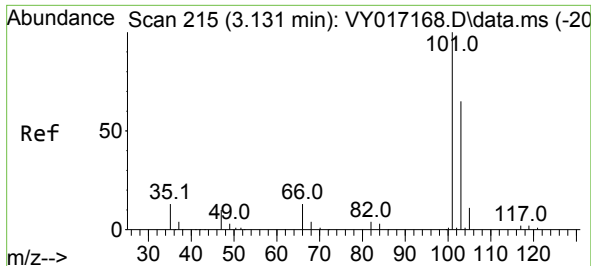
Tgt Ion: 64 Resp: 60319

Ion Ratio Lower Upper

64 100

66 32.5 25.1 37.7

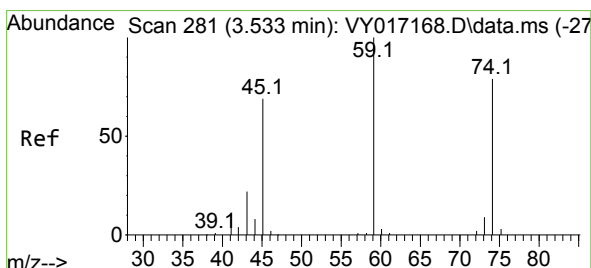
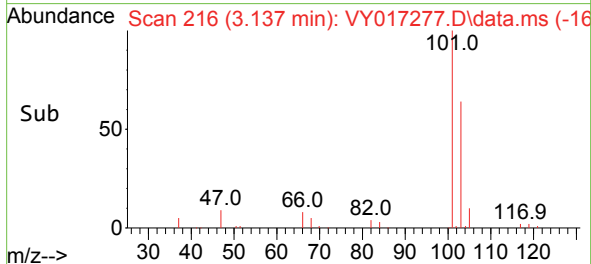
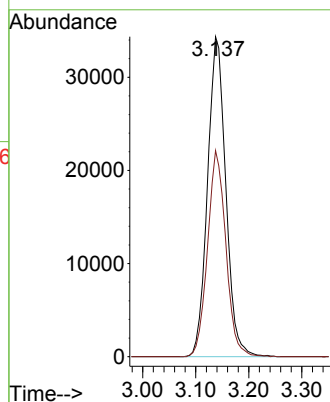
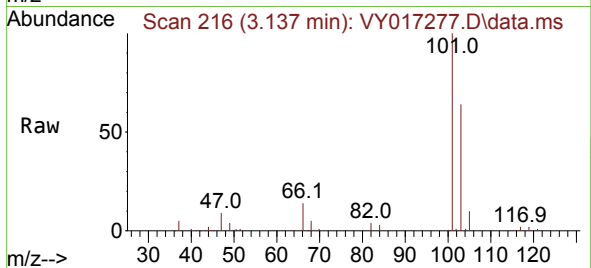




#7
 Trichlorofluoromethane
 Concen: 46.253 ug/l
 RT: 3.137 min Scan# 215
 Delta R.T. 0.006 min
 Lab File: VY017277.D
 Acq: 06 Feb 2024 20:09

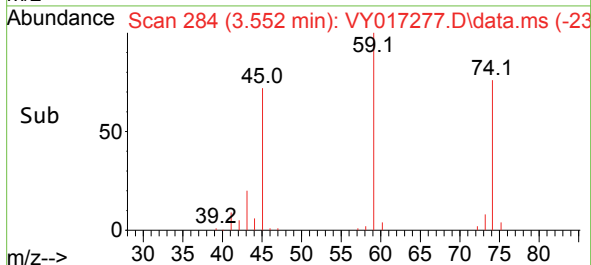
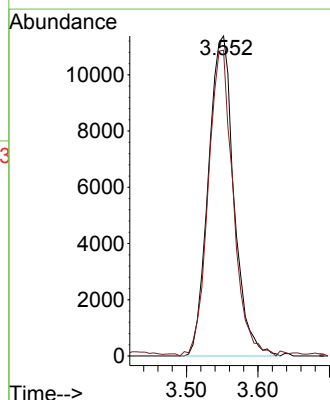
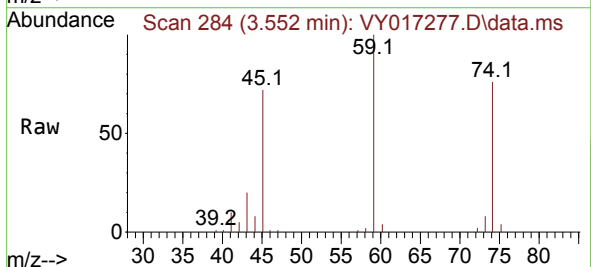
Instrument :
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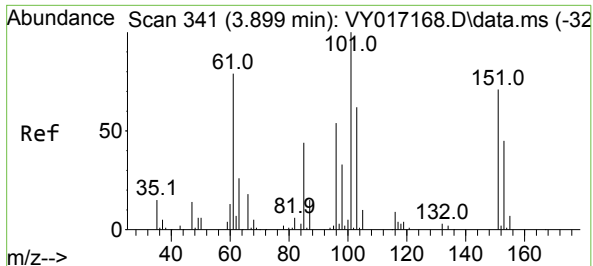
Tgt Ion:101 Resp: 82169
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.9 77.9



#8
 Diethyl Ether
 Concen: 50.687 ug/l
 RT: 3.552 min Scan# 284
 Delta R.T. 0.018 min
 Lab File: VY017277.D
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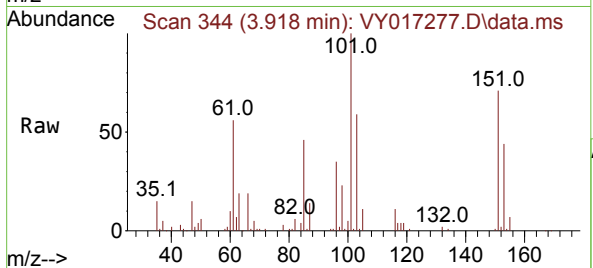
Tgt Ion: 74 Resp: 28324
 Ion Ratio Lower Upper
 74 100
 45 93.2 47.9 143.7



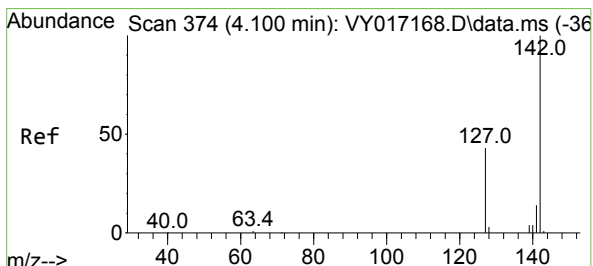
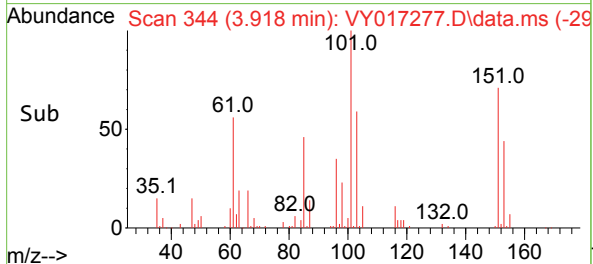
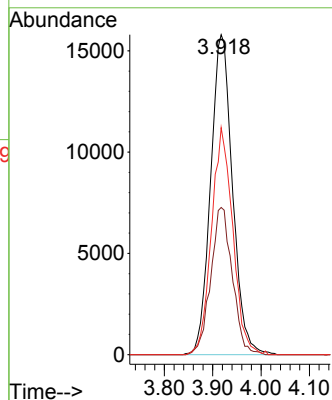


#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.084 ug/l
RT: 3.918 min Scan# 341
Delta R.T. 0.018 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

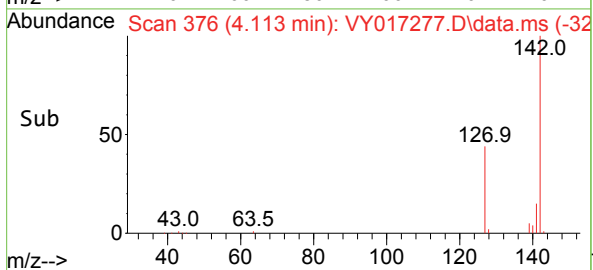
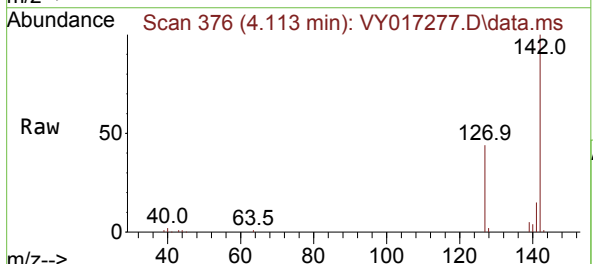
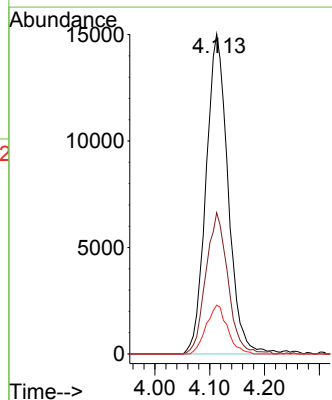


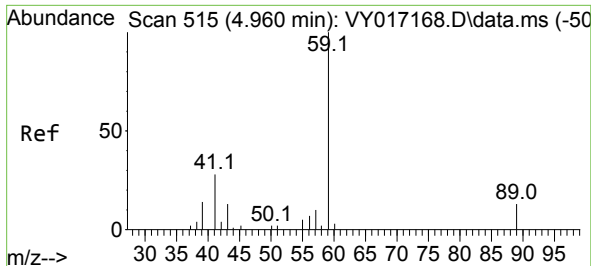
Tgt Ion:101 Resp: 49628
Ion Ratio Lower Upper
101 100
85 45.3 35.8 53.6
151 69.1 58.6 88.0



#10
Methyl Iodide
Concen: 37.007 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion:142 Resp: 41897
Ion Ratio Lower Upper
142 100
127 44.2 35.1 52.7
141 14.7 11.8 17.6





#11

Tert butyl alcohol

Concen: 235.974 ug/l

RT: 4.984 min Scan# 51

Delta R.T. 0.024 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

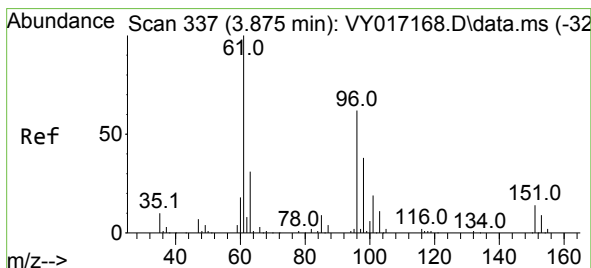
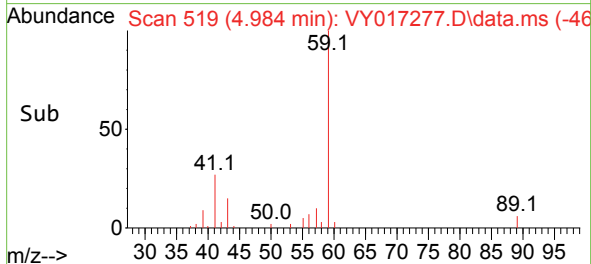
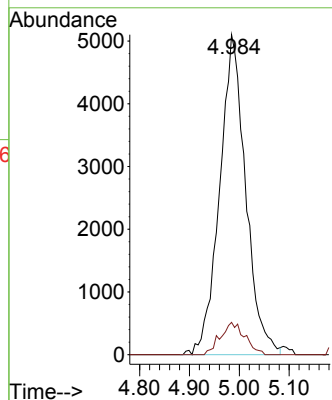
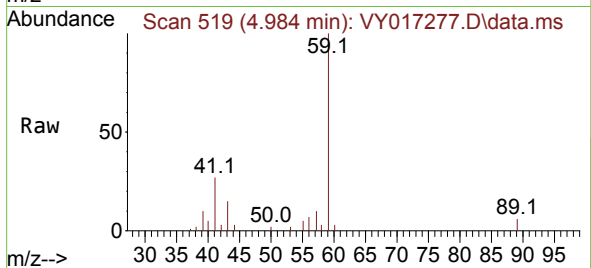
VSTDCCC050EC

Tgt Ion: 59 Resp: 18543

Ion Ratio Lower Upper

59 100

57 9.4 7.4 11.0



#12

1,1-Dichloroethene

Concen: 45.763 ug/l

RT: 3.893 min Scan# 340

Delta R.T. 0.018 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

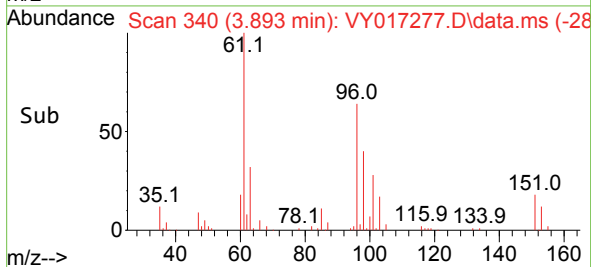
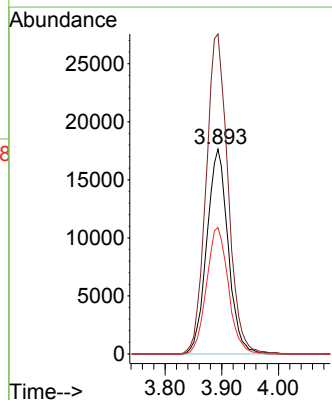
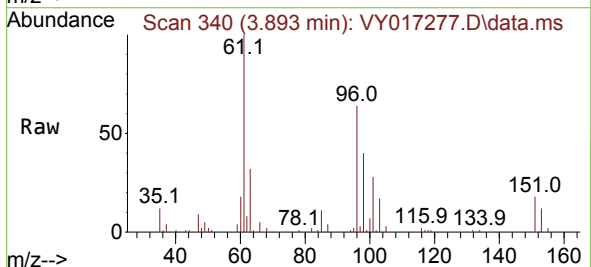
Tgt Ion: 96 Resp: 46178

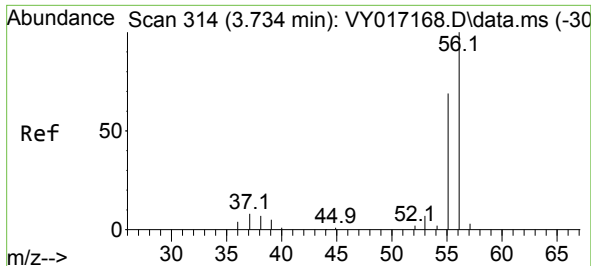
Ion Ratio Lower Upper

96 100

61 156.3 124.2 186.2

98 61.8 52.6 79.0





#13

Acrolein

Concen: 237.076 ug/l

RT: 3.747 min Scan# 314

Delta R.T. 0.013 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

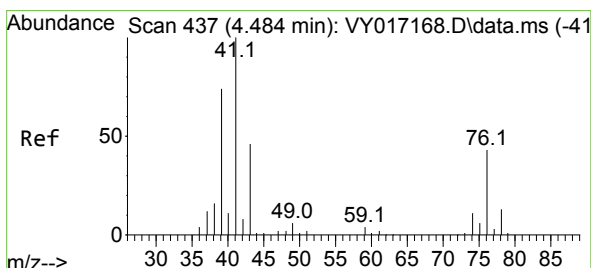
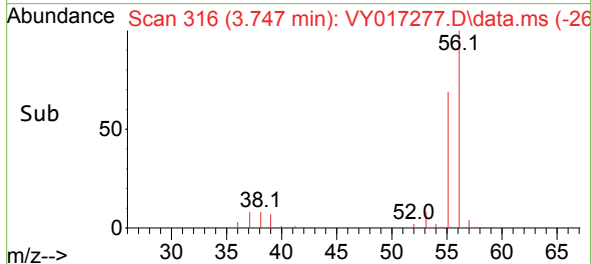
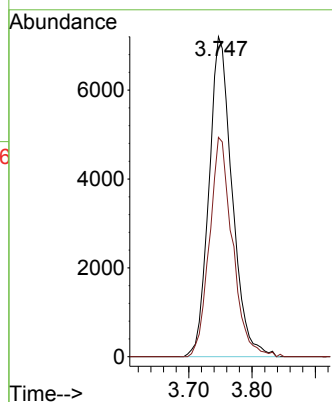
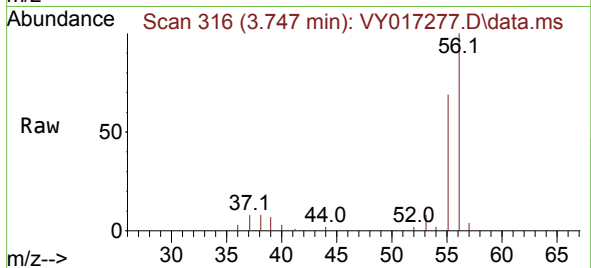
VSTDCCC050EC

Tgt Ion: 56 Resp: 18315

Ion Ratio Lower Upper

56 100

55 68.3 55.4 83.0



#14

Allyl chloride

Concen: 48.524 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.018 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

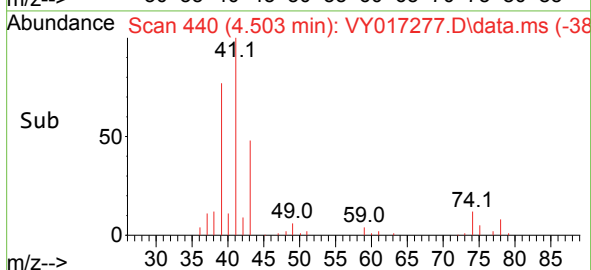
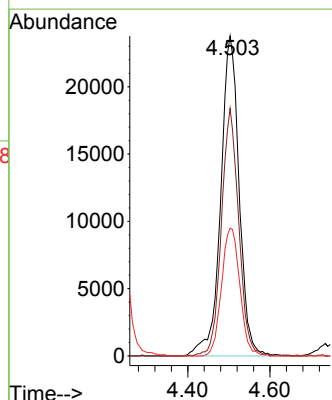
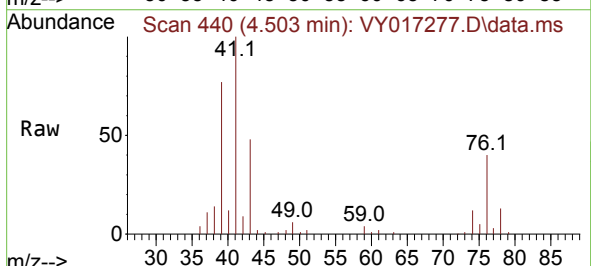
Tgt Ion: 41 Resp: 74023

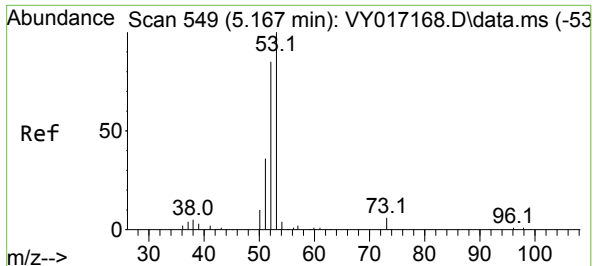
Ion Ratio Lower Upper

41 100

39 72.5 54.7 82.1

76 39.7 31.8 47.6

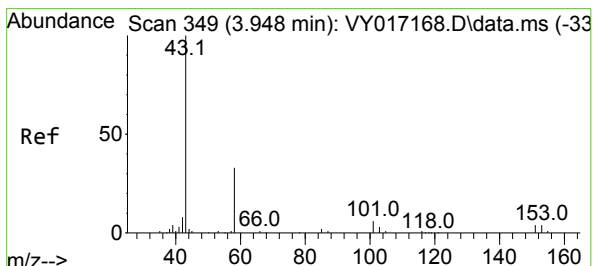
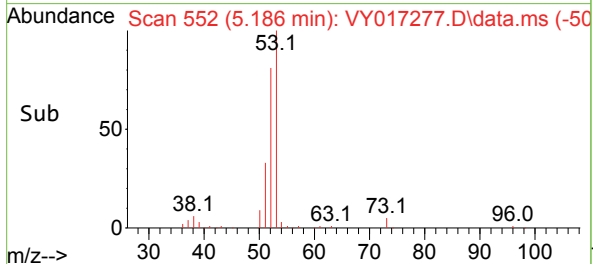
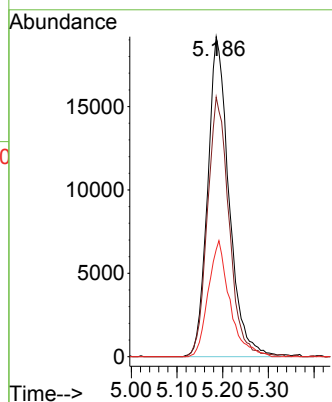
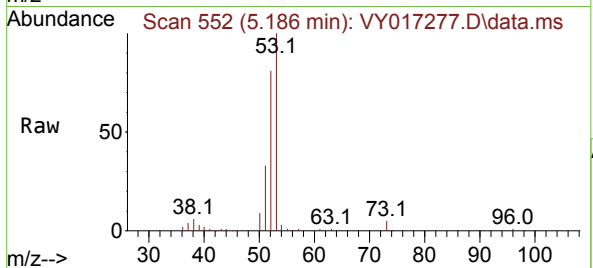




#15
Acrylonitrile
Concen: 247.778 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

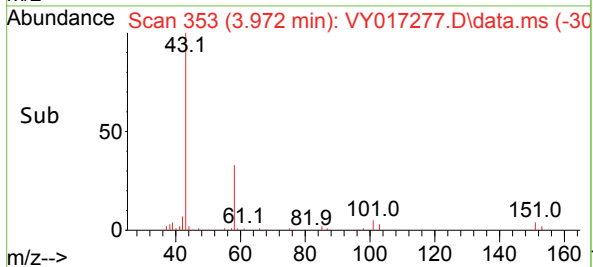
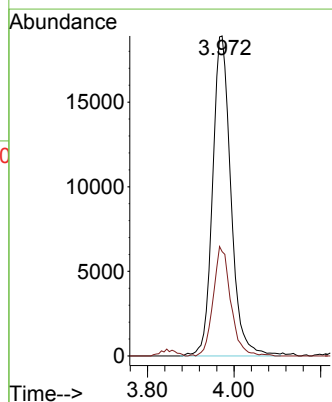
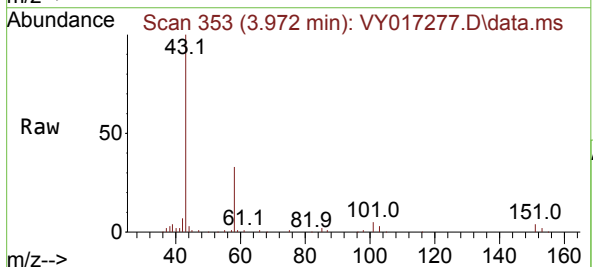
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

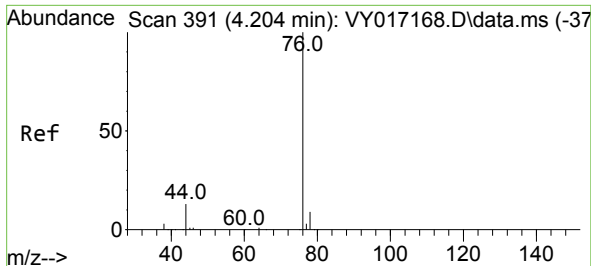
Tgt Ion:	53	Resp:	62340
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.1	97.7
51	36.6	29.0	43.4



#16
Acetone
Concen: 203.525 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.025 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion:	43	Resp:	55630
Ion	Ratio	Lower	Upper
43	100		
58	32.6	26.6	39.8

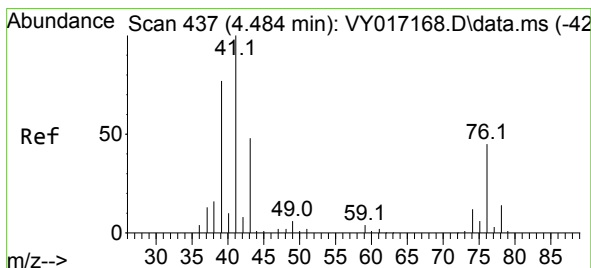
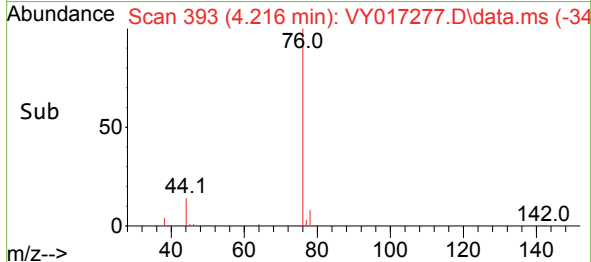
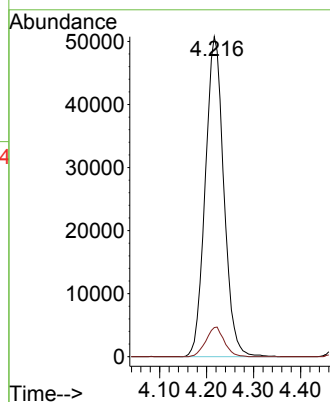
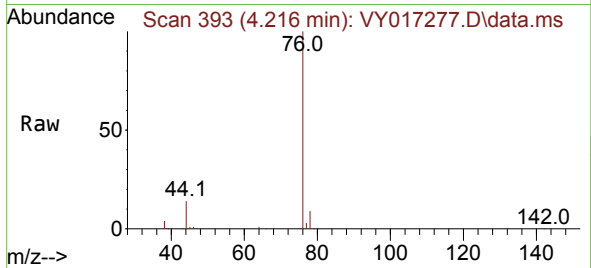




#17
Carbon Disulfide
Concen: 43.032 ug/l
RT: 4.216 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

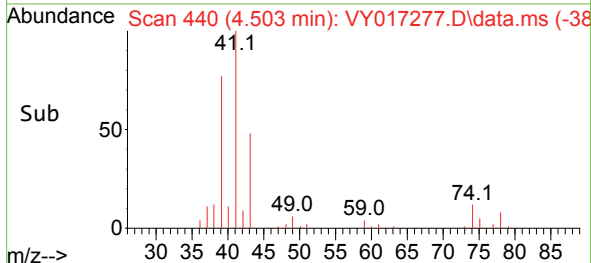
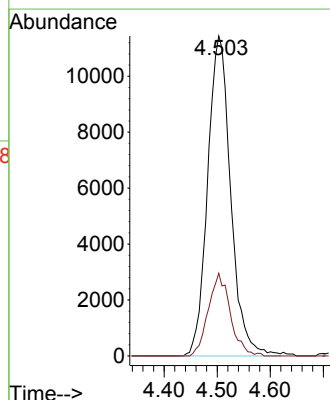
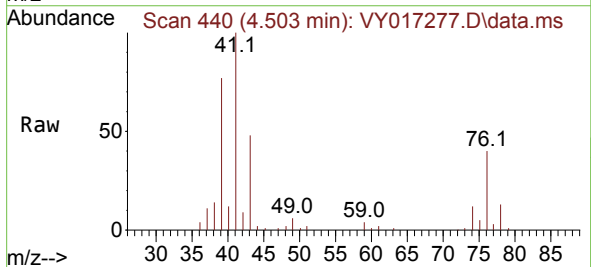
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

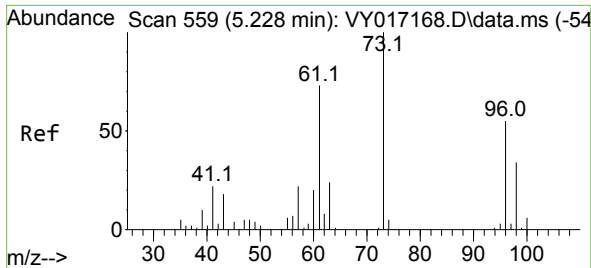
Tgt Ion: 76 Resp: 138611
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 56.619 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.018 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 43 Resp: 34524
Ion Ratio Lower Upper
43 100
74 24.6 19.8 29.6

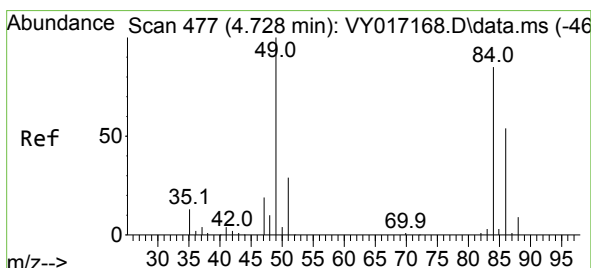
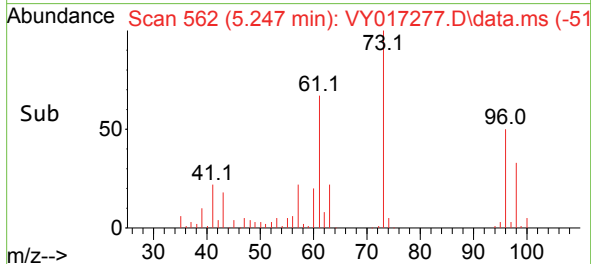
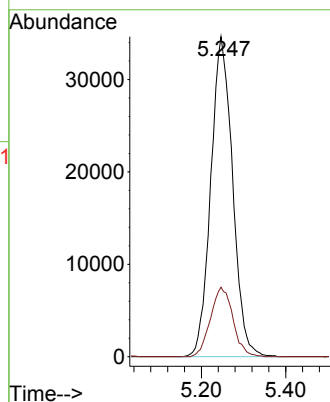
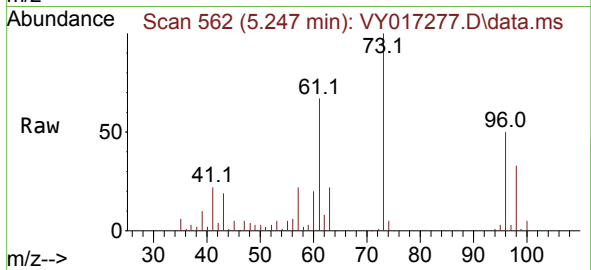




#19
Methyl tert-butyl Ether
Concen: 51.056 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

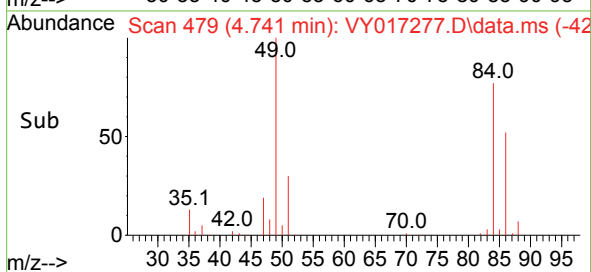
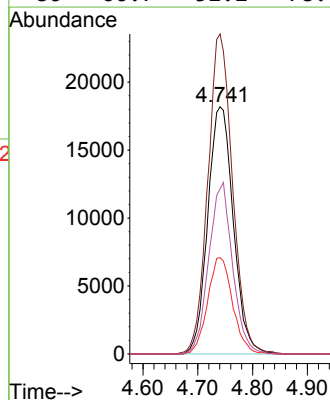
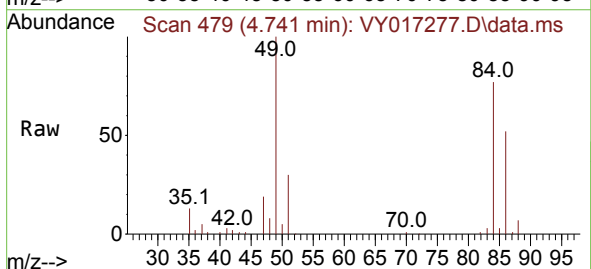
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

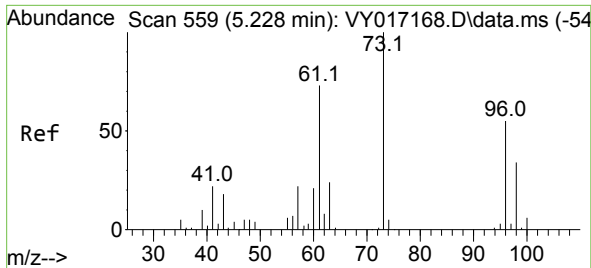
Tgt Ion: 73 Resp: 124077
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5



#20
Methylene Chloride
Concen: 52.775 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.013 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 84 Resp: 58862
Ion Ratio Lower Upper
84 100
49 129.1 95.2 142.8
51 39.0 29.9 44.9
86 66.7 52.2 78.4

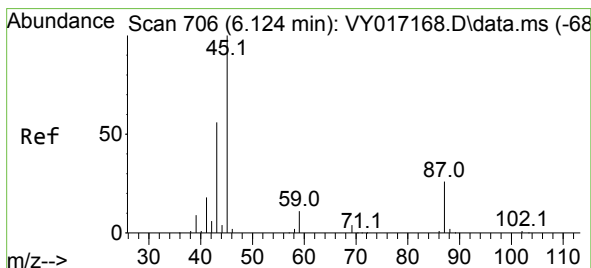
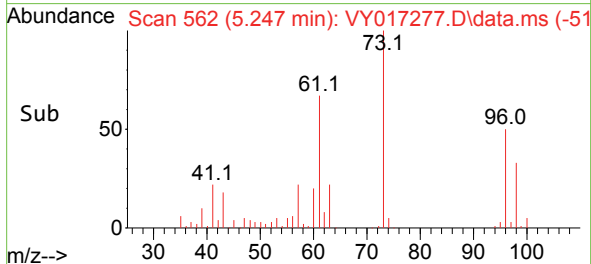
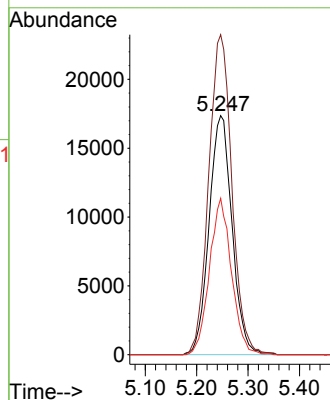
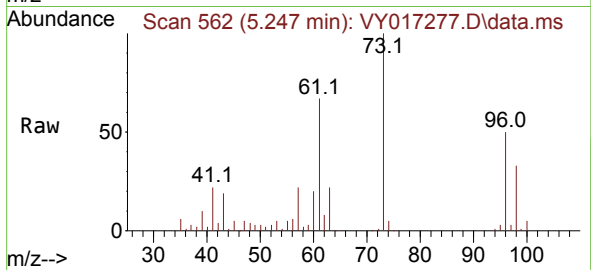




#21
trans-1,2-Dichloroethene
Concen: 47.027 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

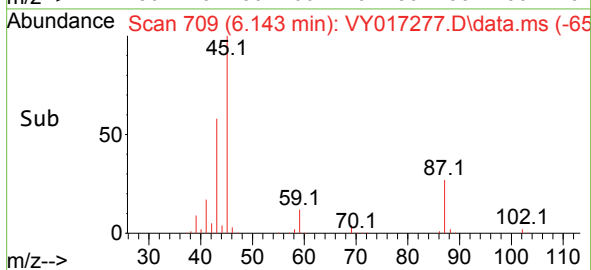
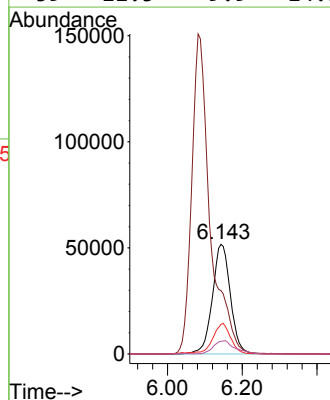
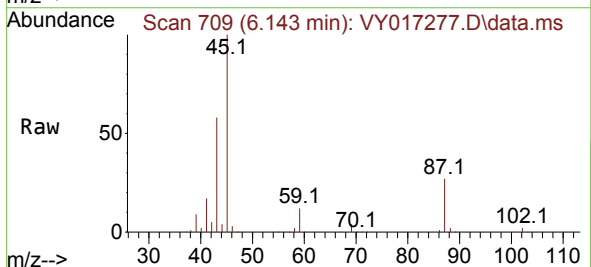
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

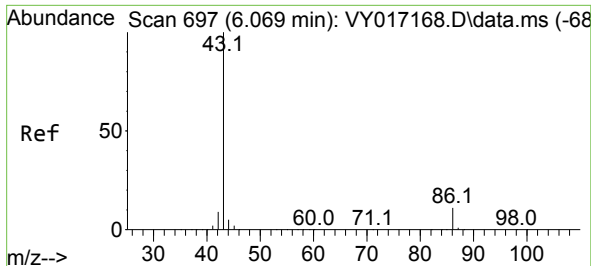
Tgt Ion: 96 Resp: 53983
Ion Ratio Lower Upper
96 100
61 133.9 104.6 156.8
98 65.4 50.9 76.3



#22
Diisopropyl ether
Concen: 51.685 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.018 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 45 Resp: 173144
Ion Ratio Lower Upper
45 100
43 57.5 46.8 70.2
87 27.1 22.2 33.2
59 11.5 9.9 14.9

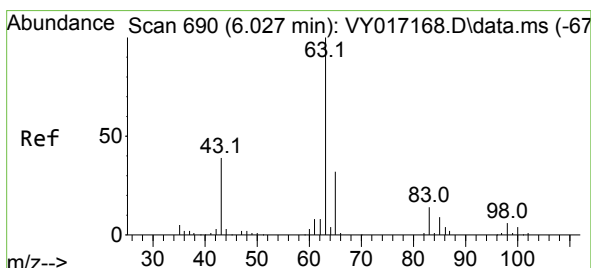
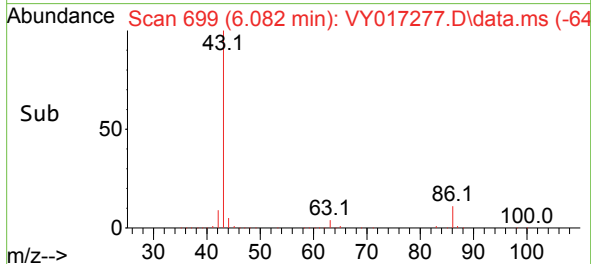
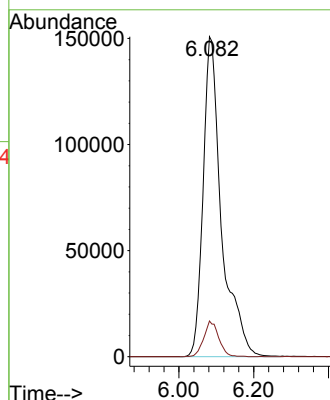
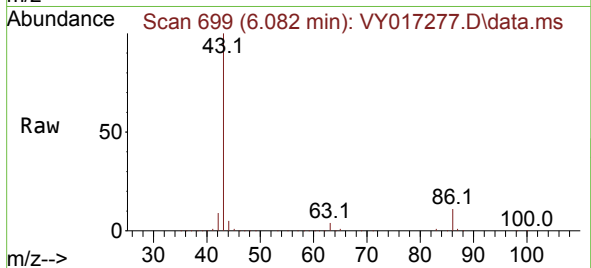




#23
Vinyl Acetate
Concen: 253.518 ug/l
RT: 6.082 min Scan# 699
Delta R.T. 0.012 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

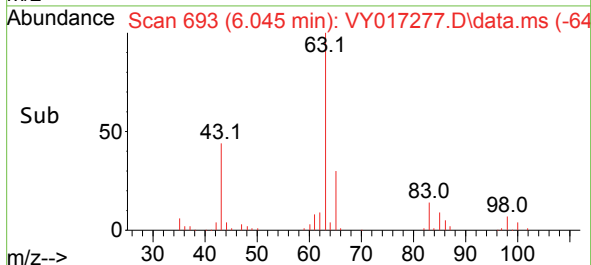
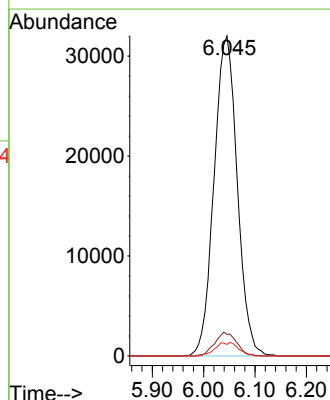
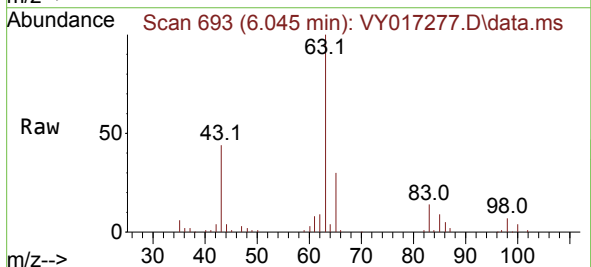
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

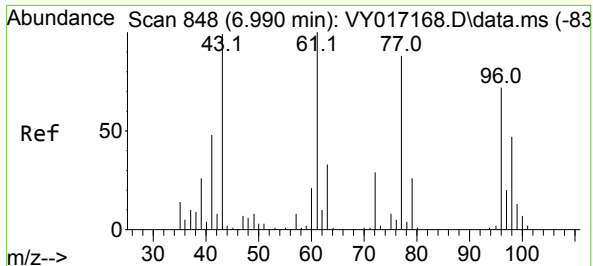
Tgt Ion: 43 Resp: 514601
Ion Ratio Lower Upper
43 100
86 11.2 8.6 13.0



#24
1,1-Dichloroethane
Concen: 48.918 ug/l
RT: 6.045 min Scan# 693
Delta R.T. 0.018 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 63 Resp: 100389
Ion Ratio Lower Upper
63 100
98 6.8 3.8 11.4
100 3.6 2.1 6.2





#25

2-Butanone

Concen: 230.800 ug/l

RT: 7.008 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

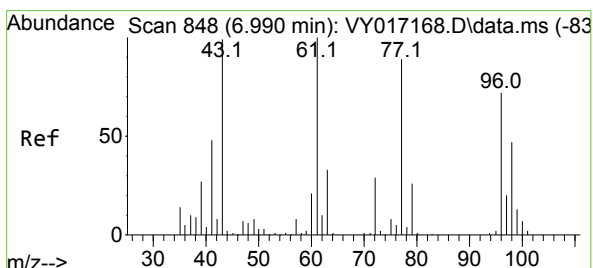
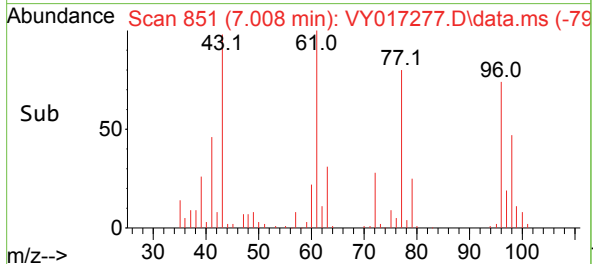
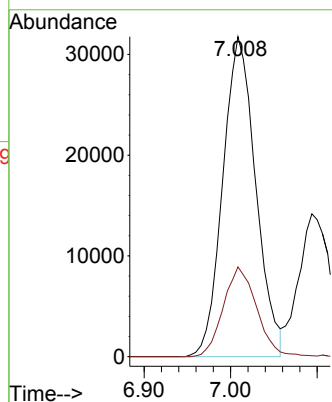
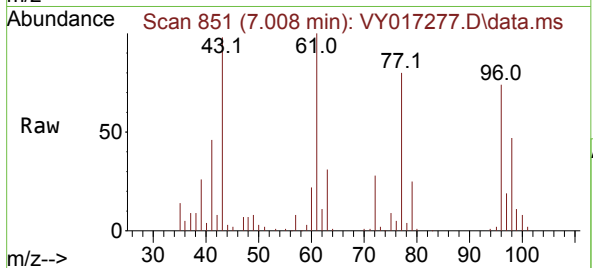
VSTDCCC050EC

Tgt Ion: 43 Resp: 83864

Ion Ratio Lower Upper

43 100

72 28.1 21.4 32.2



#26

2,2-Dichloropropane

Concen: 45.901 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY017277.D

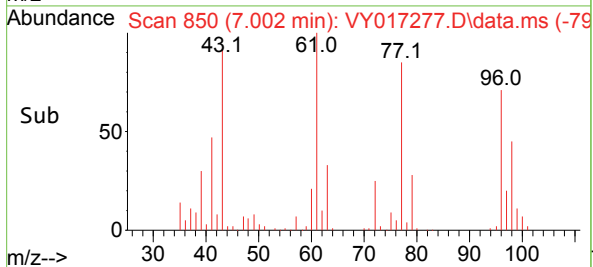
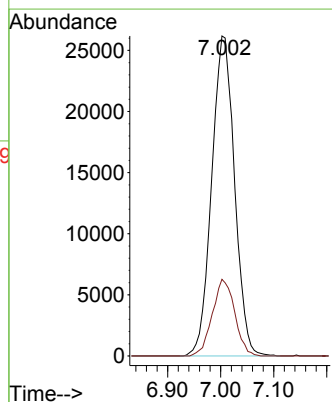
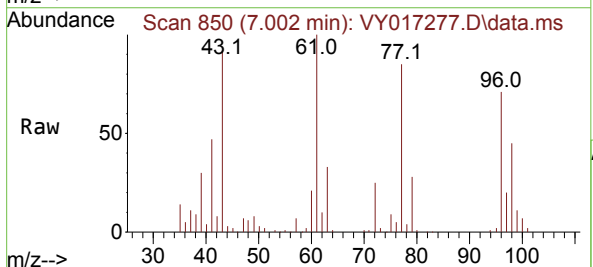
Acq: 06 Feb 2024 20:09

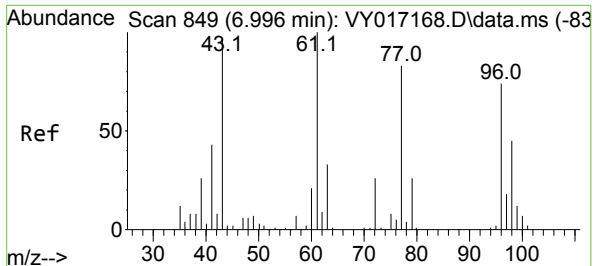
Tgt Ion: 77 Resp: 78352

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.0

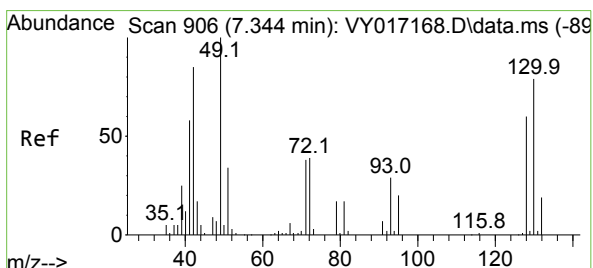
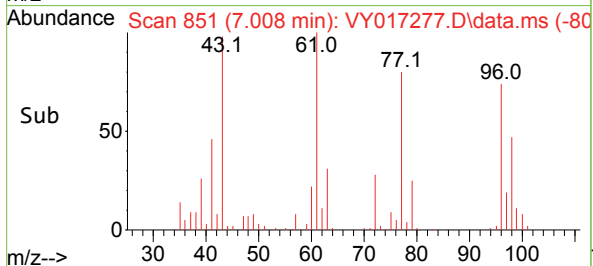
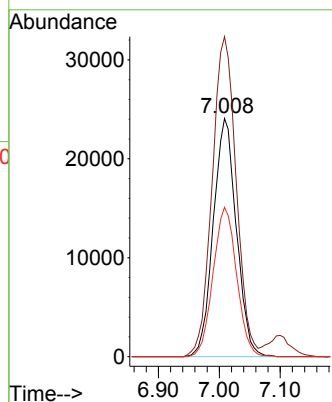
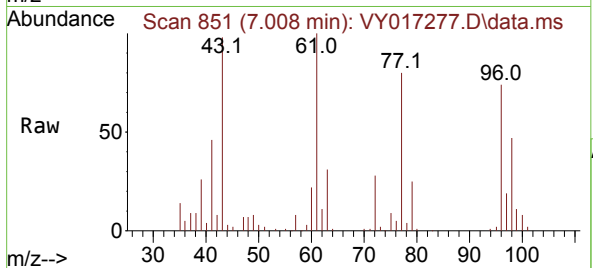




#27
 cis-1,2-Dichloroethene
 Concen: 49.367 ug/l
 RT: 7.008 min Scan# 81
 Delta R.T. 0.012 min
 Lab File: VY017277.D
 Acq: 06 Feb 2024 20:09

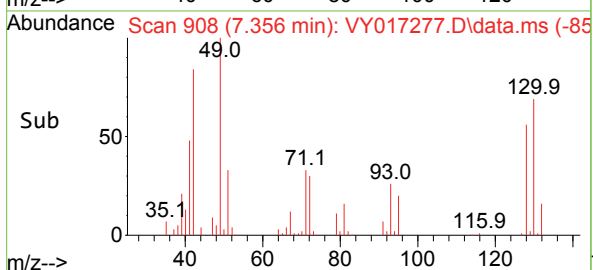
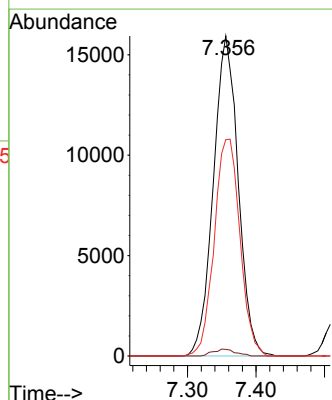
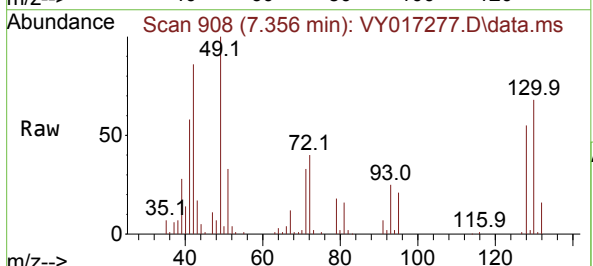
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

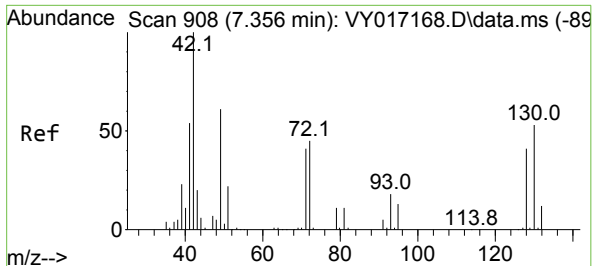
Tgt Ion: 96 Resp: 63382
 Ion Ratio Lower Upper
 96 100
 61 139.7 0.0 278.8
 98 63.9 0.0 127.0



#28
 Bromochloromethane
 Concen: 50.942 ug/l
 RT: 7.356 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY017277.D
 Acq: 06 Feb 2024 20:09

Tgt Ion: 49 Resp: 40029
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 70.2 59.8 89.8





#29

Tetrahydrofuran

Concen: 255.455 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.018 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

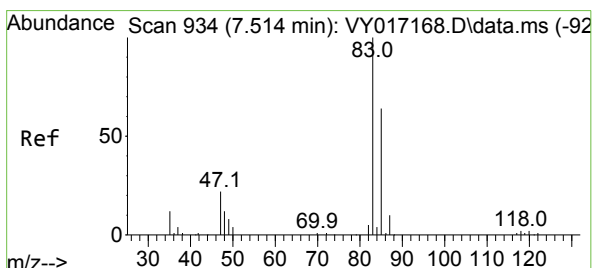
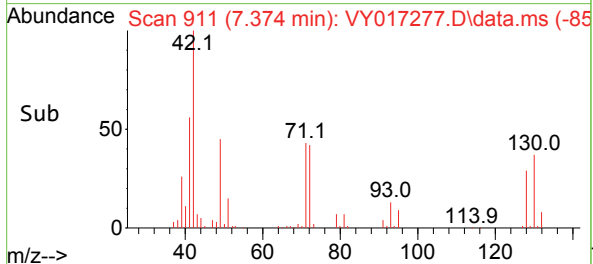
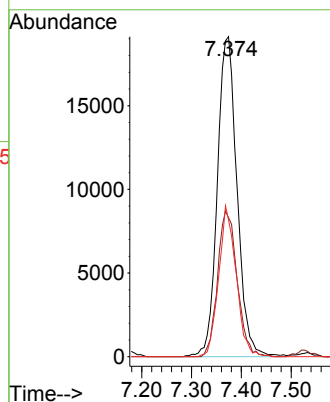
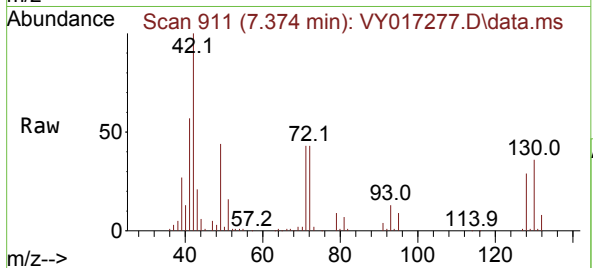
Tgt Ion: 42 Resp: 52435

Ion Ratio Lower Upper

42 100

72 45.3 36.6 54.8

71 41.8 33.8 50.6



#30

Chloroform

Concen: 49.565 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.012 min

Lab File: VY017277.D

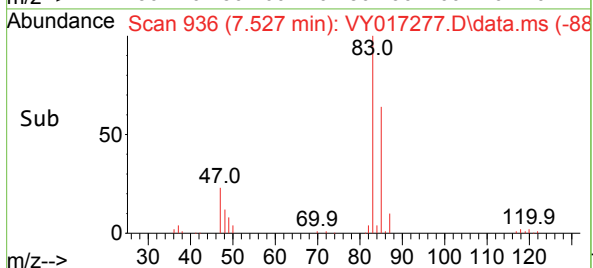
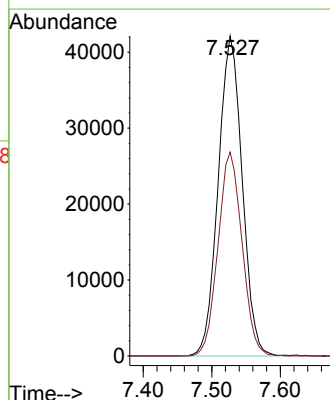
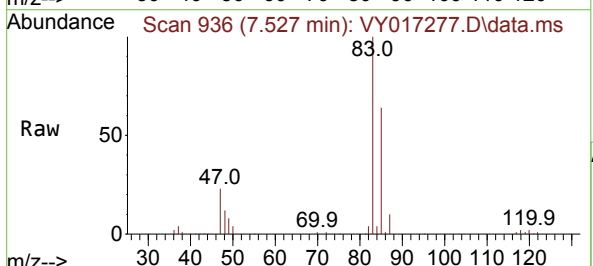
Acq: 06 Feb 2024 20:09

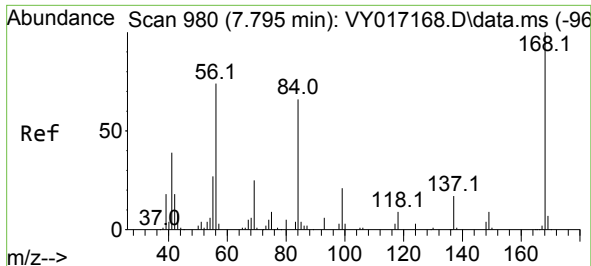
Tgt Ion: 83 Resp: 102325

Ion Ratio Lower Upper

83 100

85 63.7 51.2 76.8

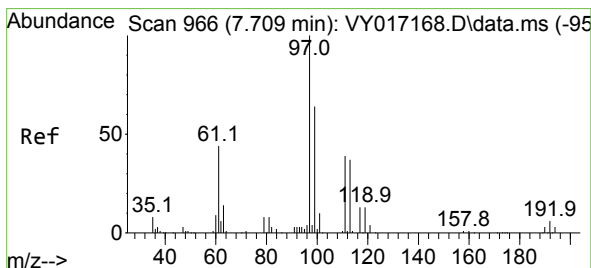
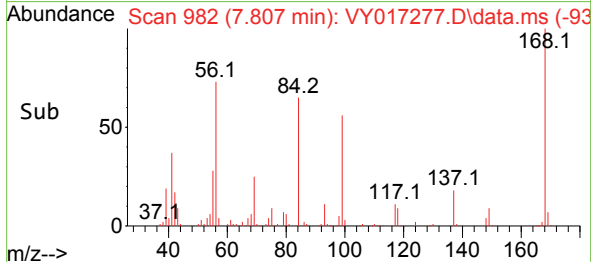
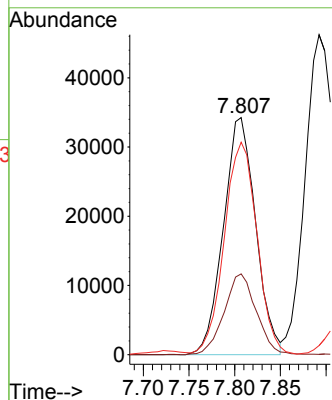
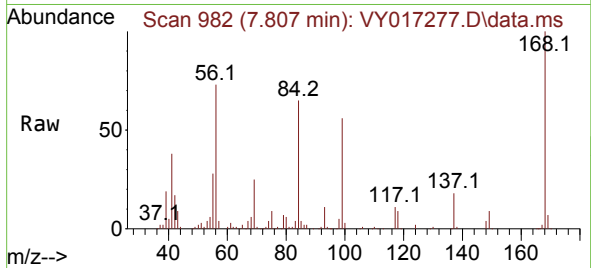




#31
Cyclohexane
Concen: 44.917 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

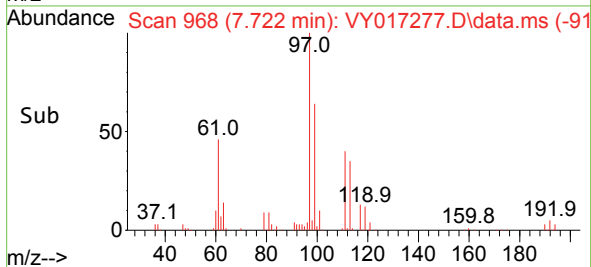
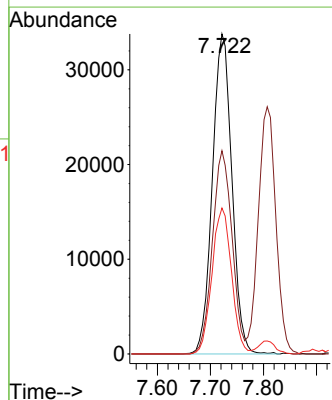
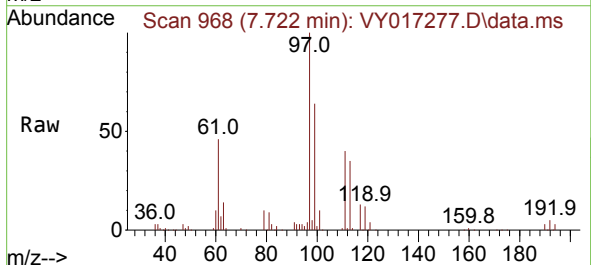
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

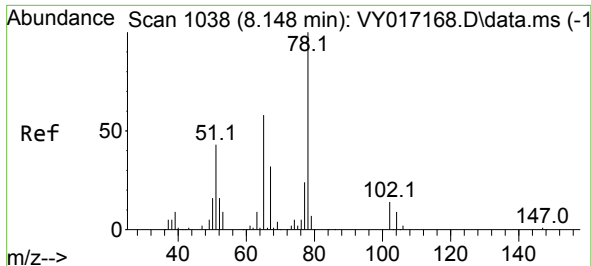
Tgt Ion: 56 Resp: 84196
Ion Ratio Lower Upper
56 100
69 34.1 27.0 40.6
84 88.5 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 48.613 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 97 Resp: 86325
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 45.7 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 51.662 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

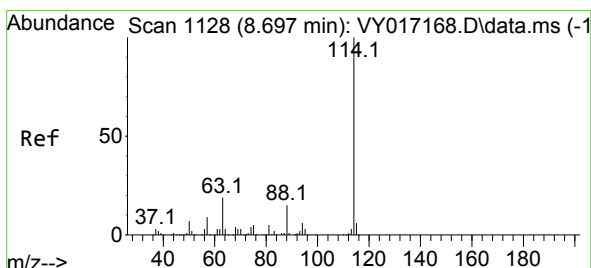
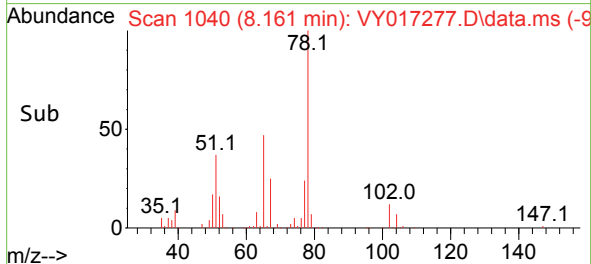
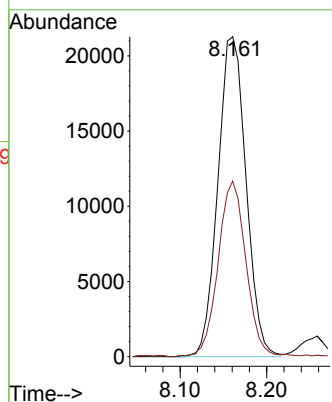
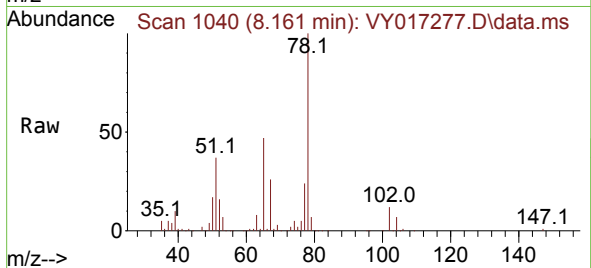
VSTDCCC050EC

Tgt Ion: 65 Resp: 48044

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

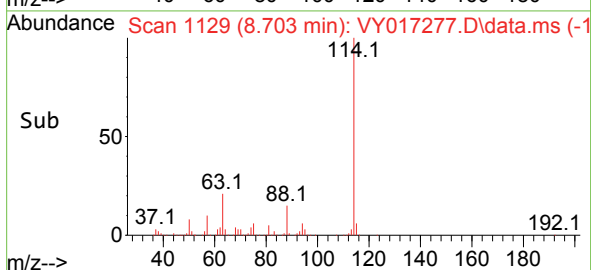
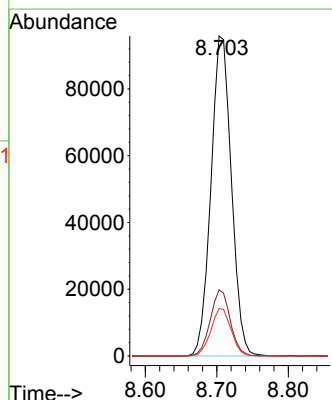
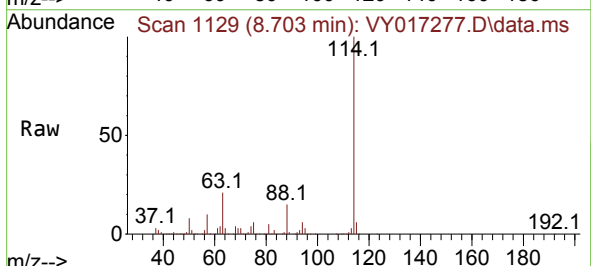
Tgt Ion: 114 Resp: 190059

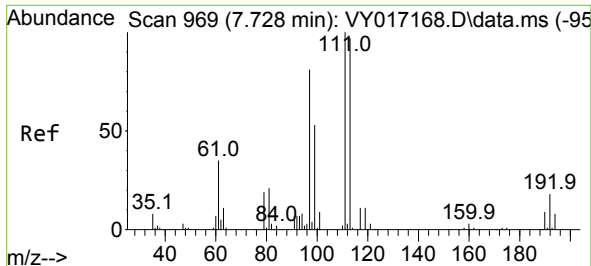
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 14.8 0.0 29.0

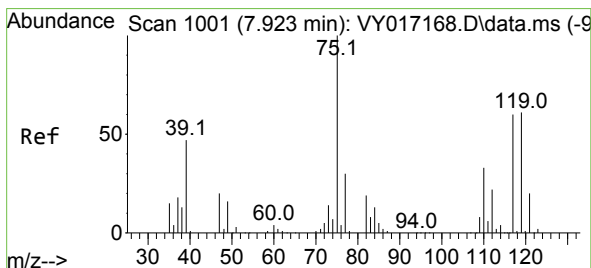
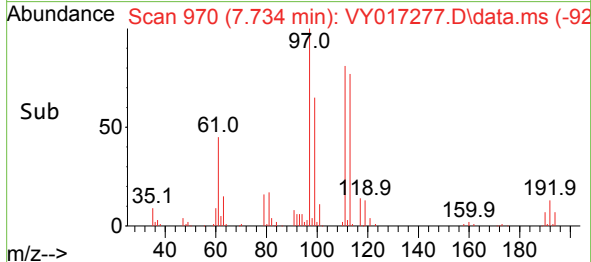
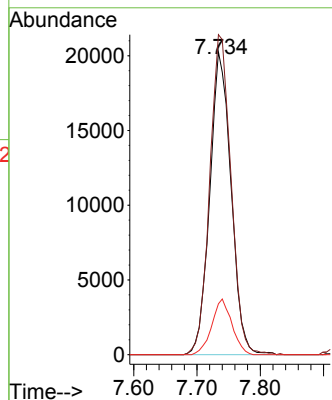
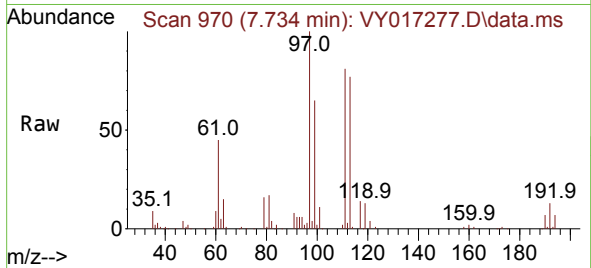




#35
Dibromofluoromethane
Concen: 46.069 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

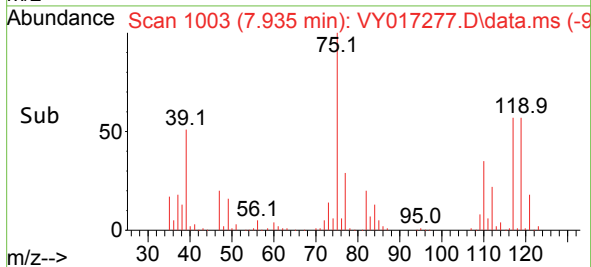
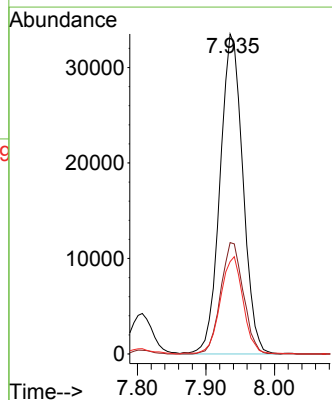
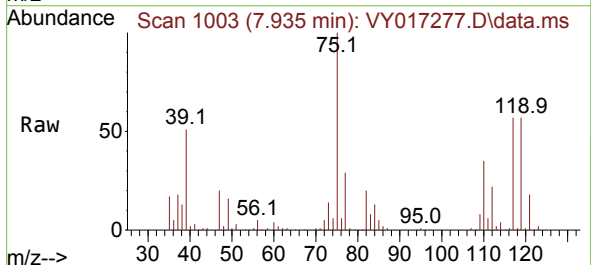
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

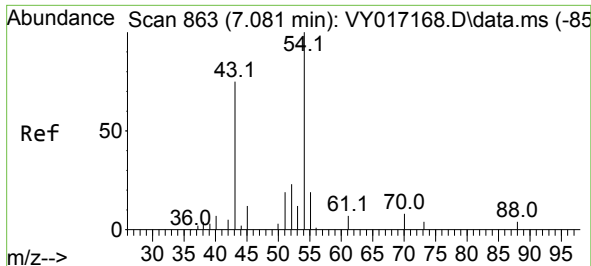
Tgt Ion:113 Resp: 47276
Ion Ratio Lower Upper
113 100
111 105.8 83.8 125.6
192 17.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 43.863 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 75 Resp: 77643
Ion Ratio Lower Upper
75 100
110 34.4 17.4 52.3
77 30.4 24.7 37.1

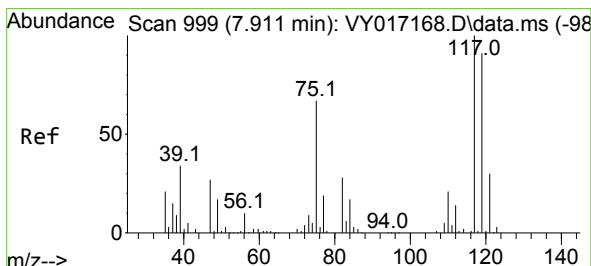
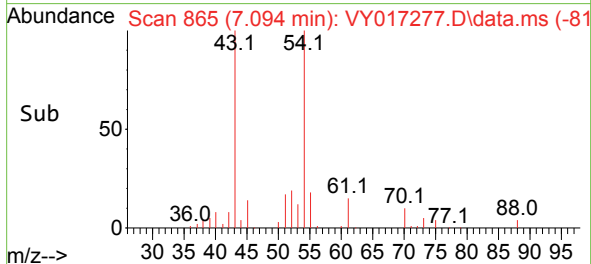
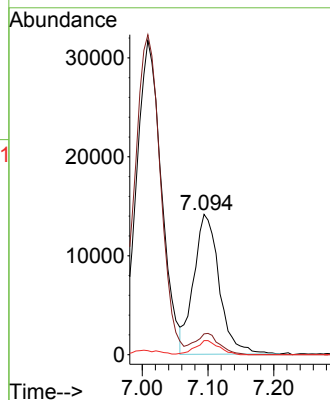
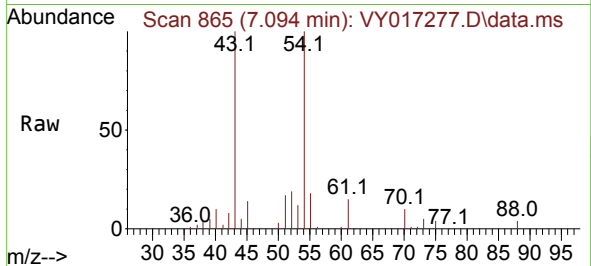




#37
Ethyl Acetate
Concen: 46.252 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

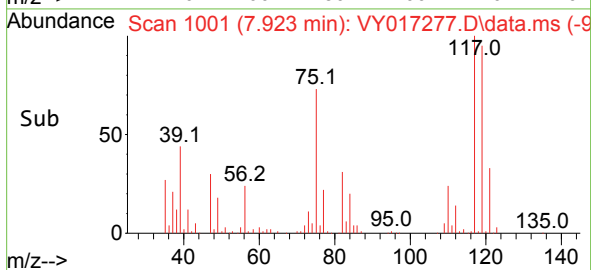
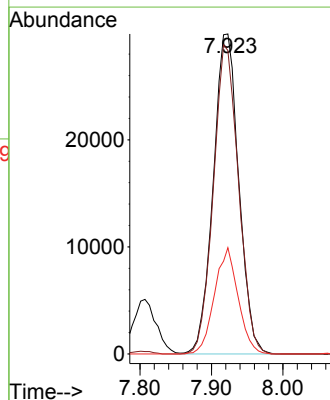
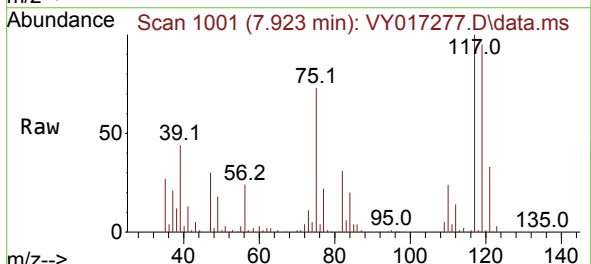
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

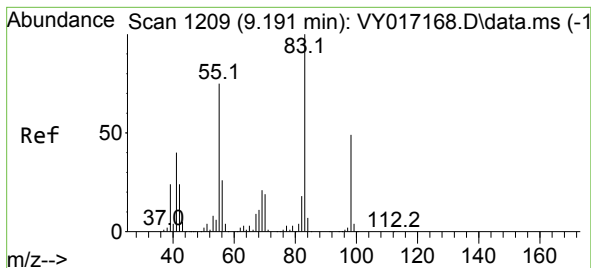
Tgt Ion: 43	Resp: 37973
Ion Ratio	Lower Upper
43 100	
61 14.0	11.0 16.6
70 9.3	8.1 12.1



#38
Carbon Tetrachloride
Concen: 43.710 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt	Ion:117	Resp:	74081
Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.0	114.0
121	33.2	24.2	36.2





#39

Methylcyclohexane

Concen: 44.429 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

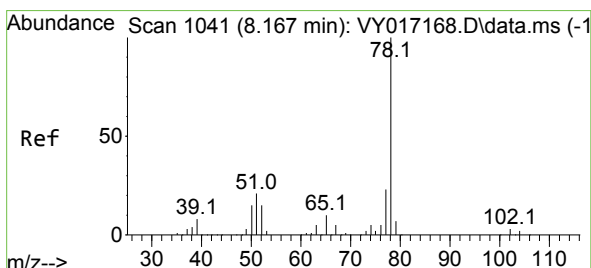
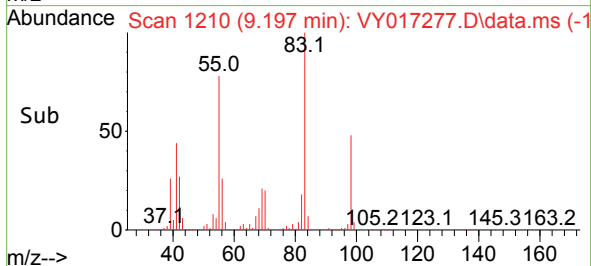
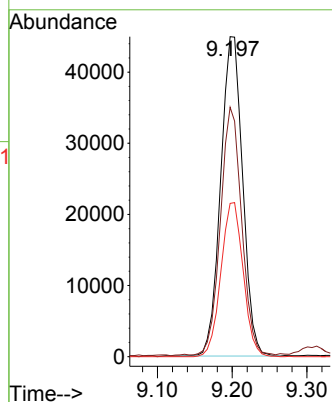
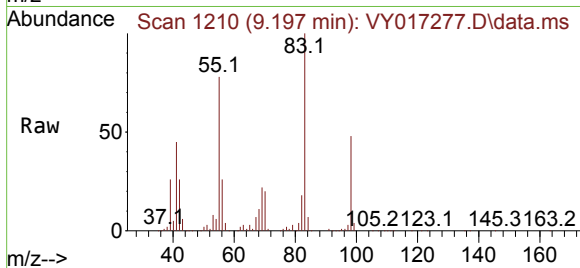
Tgt Ion: 83 Resp: 91877

Ion Ratio Lower Upper

83 100

55 77.6 59.7 89.5

98 48.0 38.0 57.0



#40

Benzene

Concen: 45.557 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.012 min

Lab File: VY017277.D

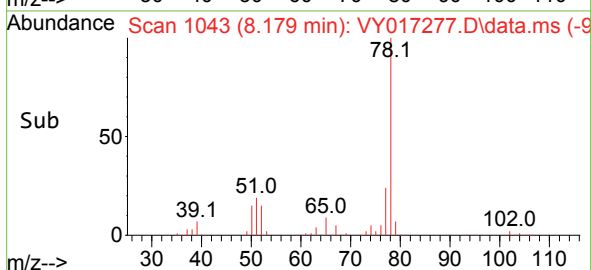
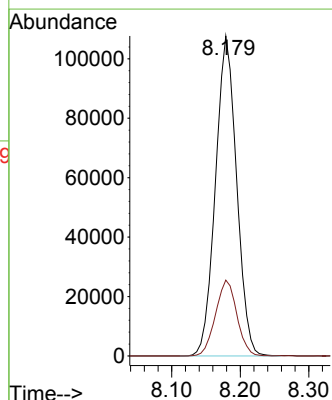
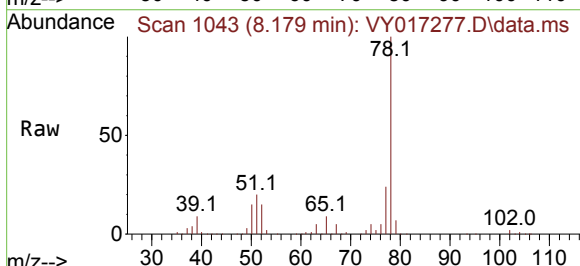
Acq: 06 Feb 2024 20:09

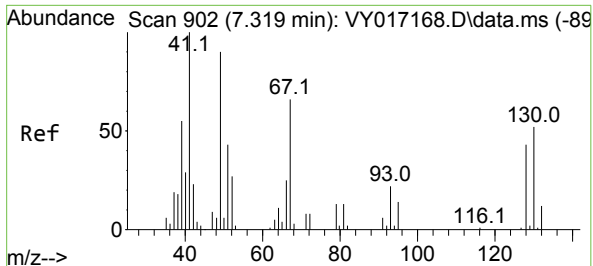
Tgt Ion: 78 Resp: 230289

Ion Ratio Lower Upper

78 100

77 23.7 18.8 28.2



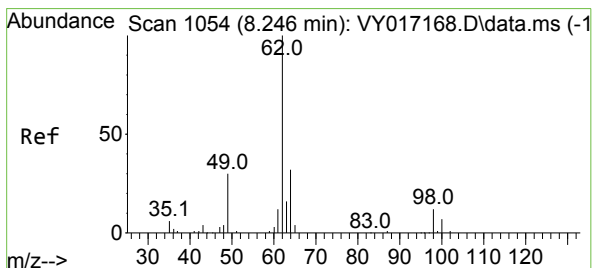
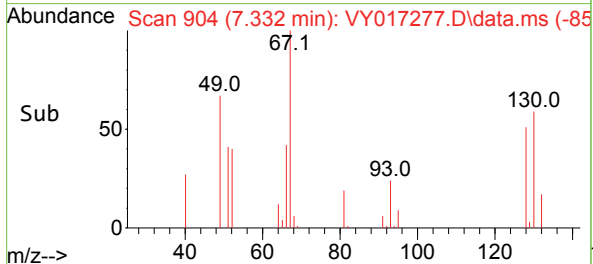
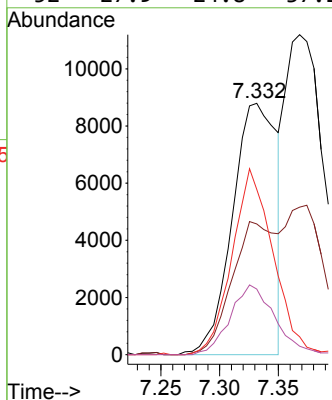
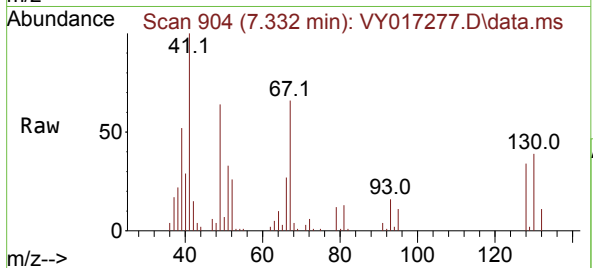


#41
Methacrylonitrile
Concen: 59.221 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 23036

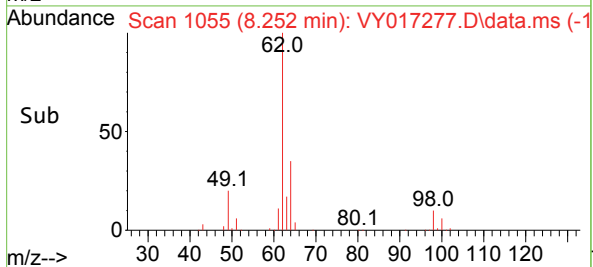
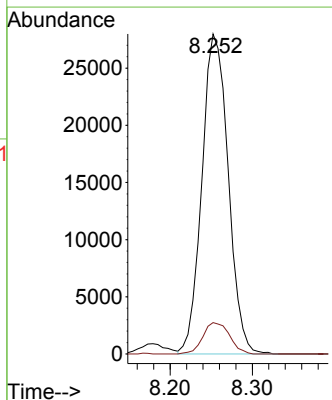
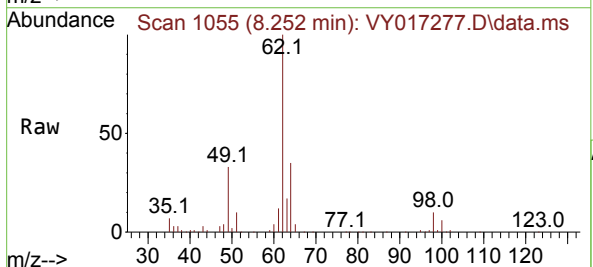
Ion	Ratio	Lower	Upper
41	100		
39	53.3	41.9	62.9
67	68.7	59.8	89.6
52	27.9	24.8	37.2

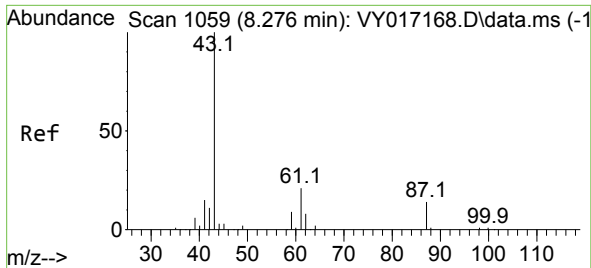


#42
1,2-Dichloroethane
Concen: 46.532 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 62 Resp: 62278

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2

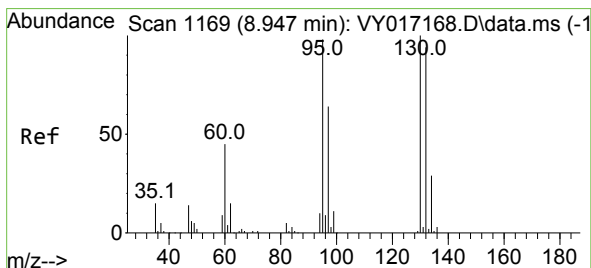
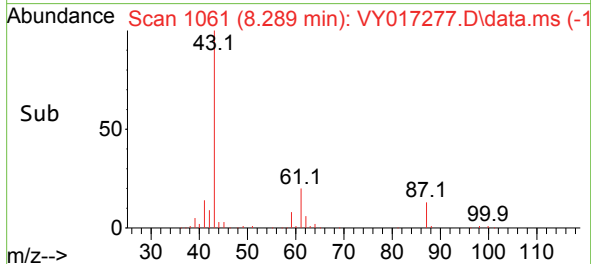
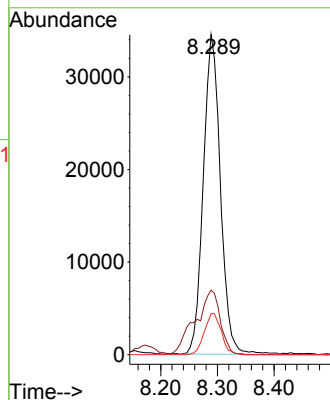
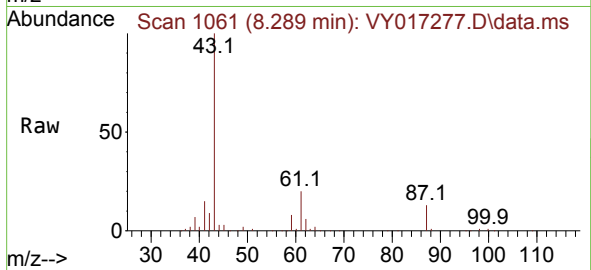




#43
Isopropyl Acetate
Concen: 49.775 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.012 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

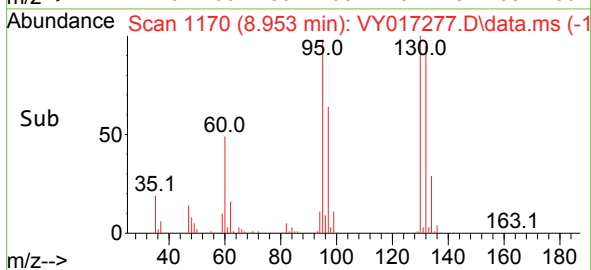
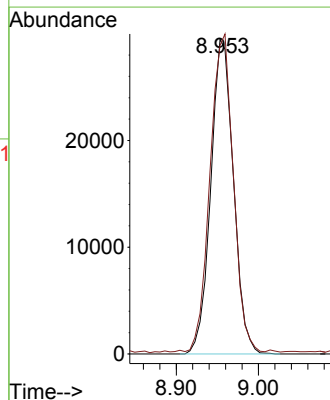
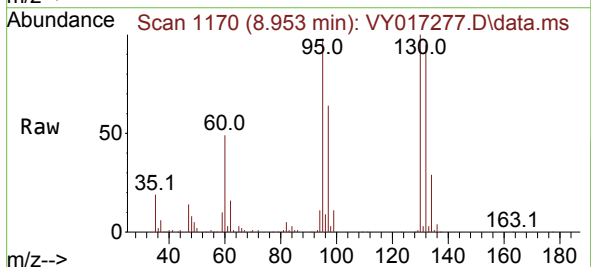
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

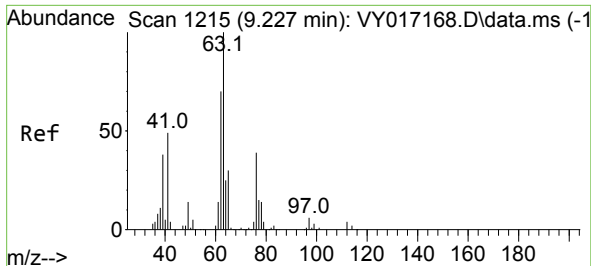
Tgt Ion: 43 Resp: 72340
Ion Ratio Lower Upper
43 100
61 29.5 24.8 37.2
87 12.8 10.7 16.1



#44
Trichloroethene
Concen: 44.003 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion:130 Resp: 56463
Ion Ratio Lower Upper
130 100
95 97.5 0.0 203.8

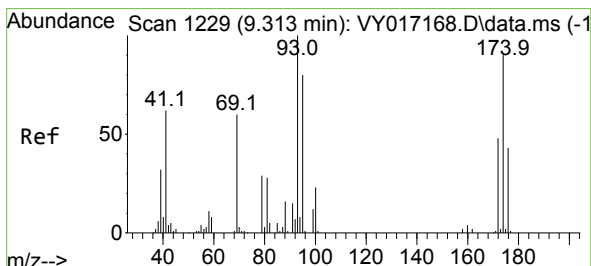
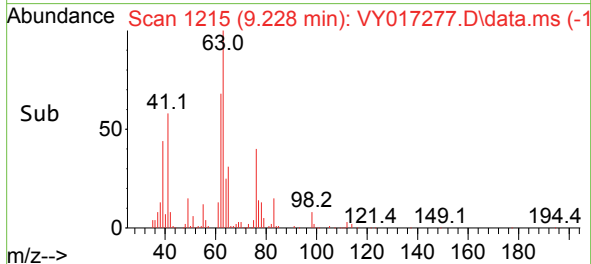
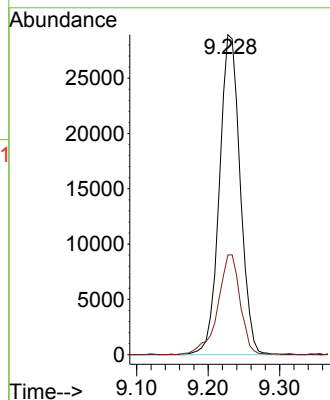
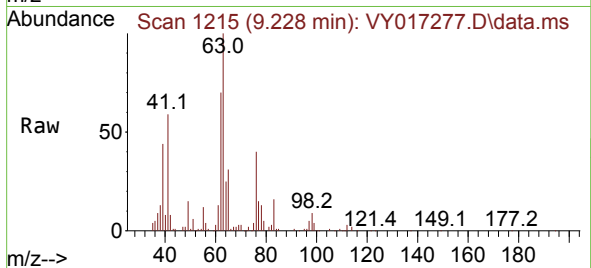




#45
1,2-Dichloropropane
Concen: 46.949 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

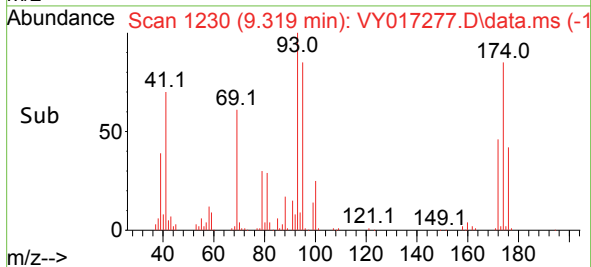
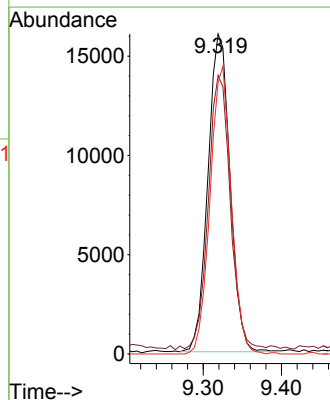
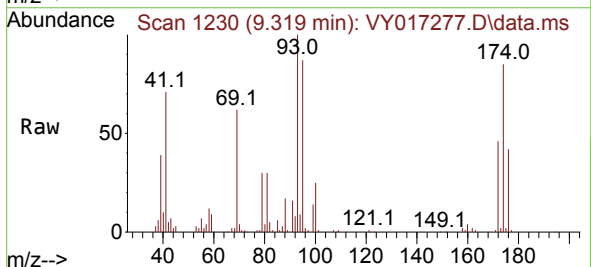
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

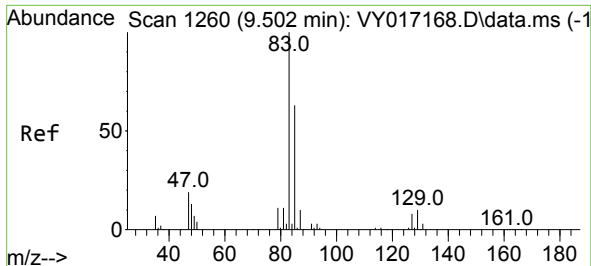
Tgt Ion: 63 Resp: 58294
Ion Ratio Lower Upper
63 100
65 31.0 24.6 36.8



#46
Dibromomethane
Concen: 46.866 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 93 Resp: 31433
Ion Ratio Lower Upper
93 100
95 86.3 66.6 99.8
174 86.5 73.8 110.6

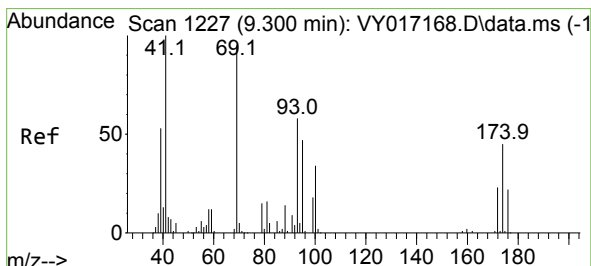
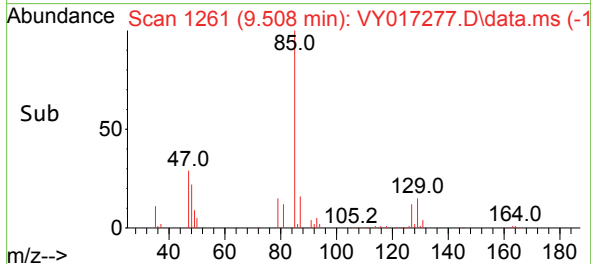
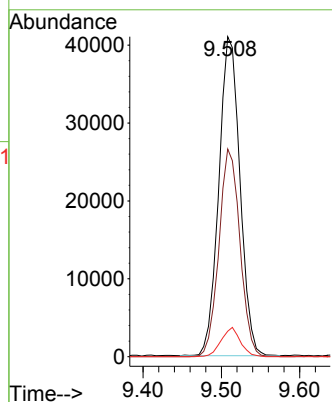
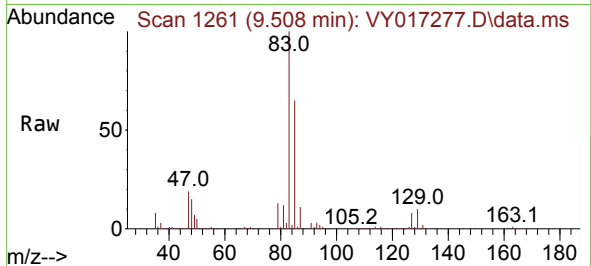




#47
Bromodichloromethane
Concen: 45.765 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

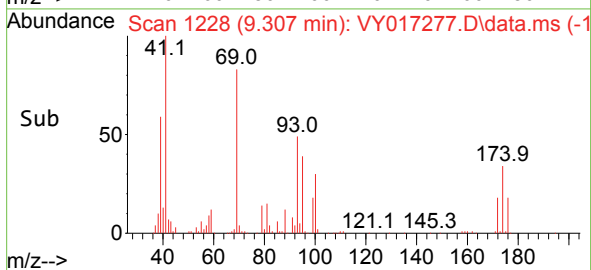
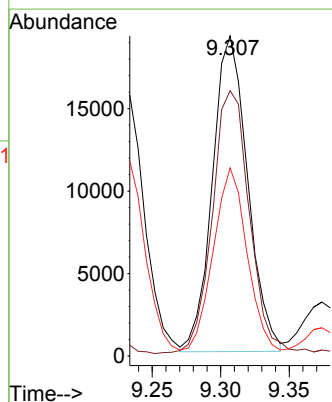
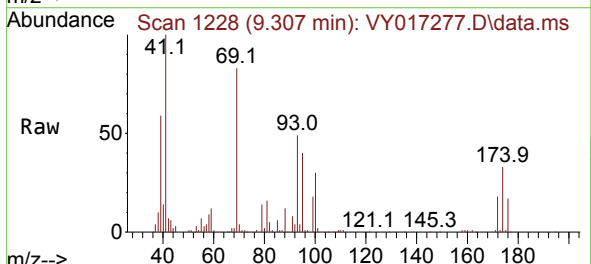
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

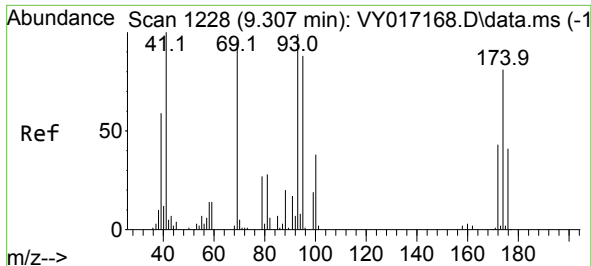
Tgt Ion: 83 Resp: 76818
Ion Ratio Lower Upper
83 100
85 65.1 53.2 79.8
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 50.234 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 41 Resp: 34244
Ion Ratio Lower Upper
41 100
69 88.0 72.1 108.1
39 54.9 42.8 64.2

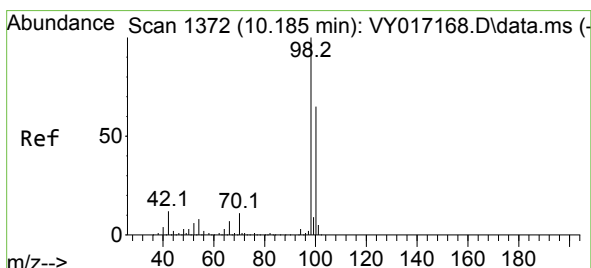
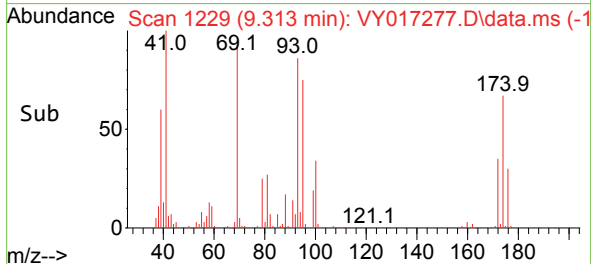
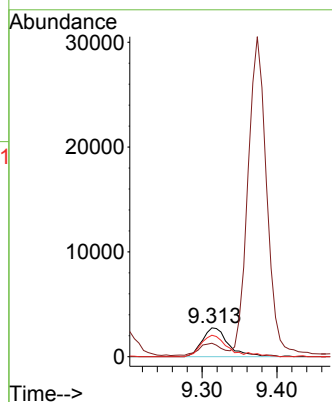
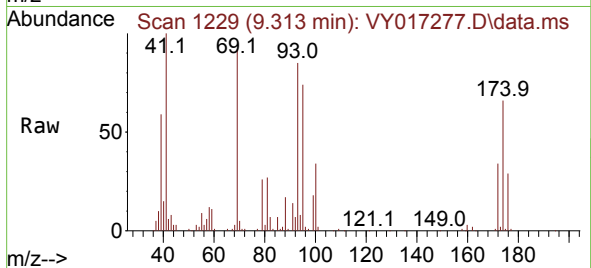




#49
1,4-Dioxane
Concen: 921.064 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

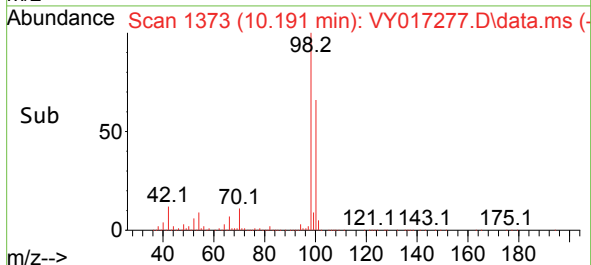
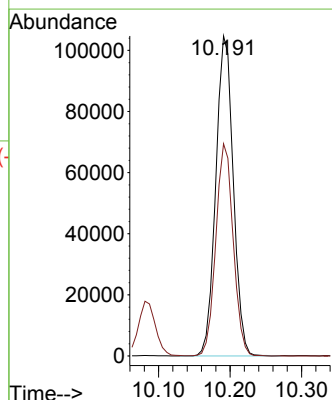
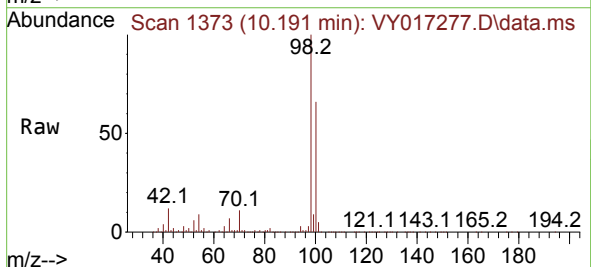
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

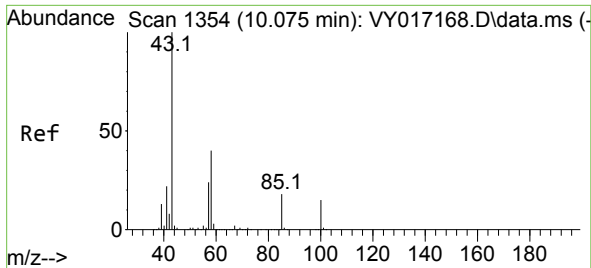
Tgt Ion: 88 Resp: 6724
Ion Ratio Lower Upper
88 100
43 37.1 28.2 42.4
58 70.4 52.2 78.2



#50
Toluene-d8
Concen: 47.572 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 98 Resp: 177742
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5

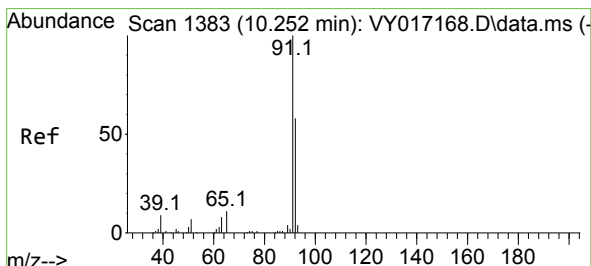
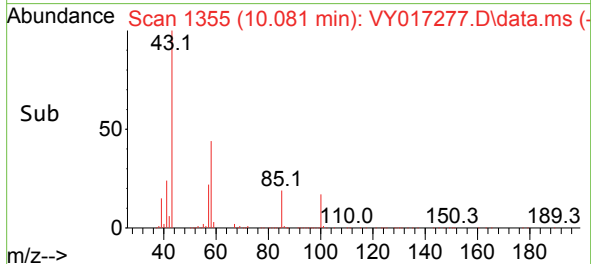
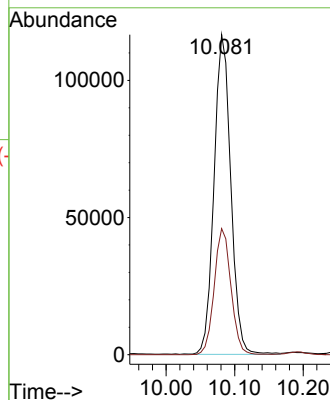
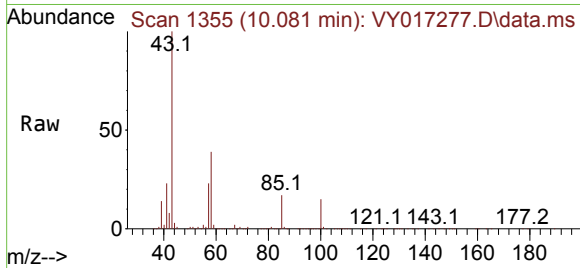




#51
4-Methyl-2-Pentanone
Concen: 253.711 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

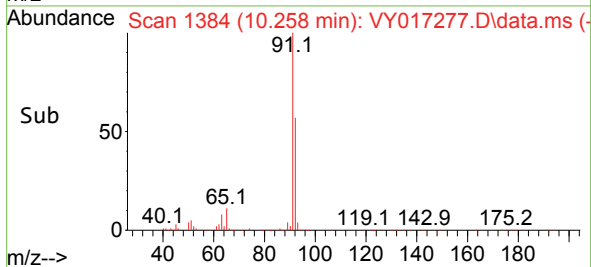
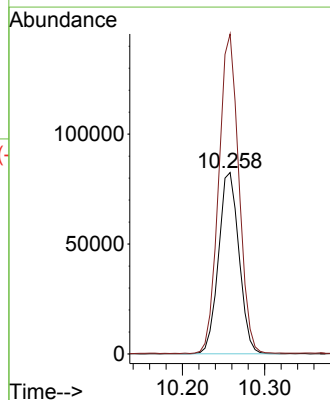
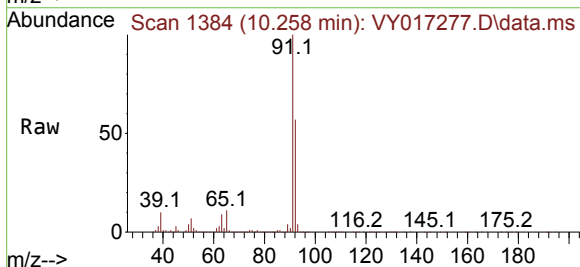
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

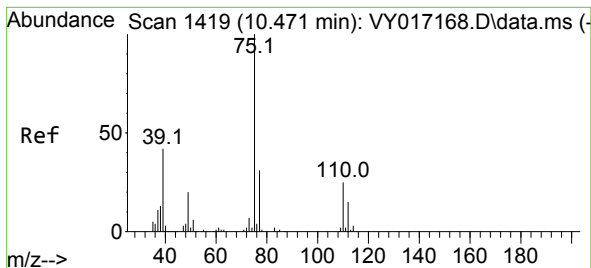
Tgt Ion: 43 Resp: 197656
Ion Ratio Lower Upper
43 100
58 39.4 32.2 48.2



#52
Toluene
Concen: 46.779 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 92 Resp: 142732
Ion Ratio Lower Upper
92 100
91 173.4 137.6 206.4

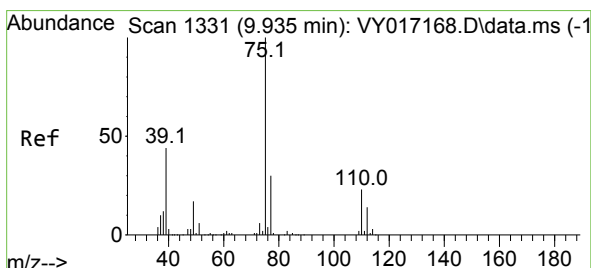
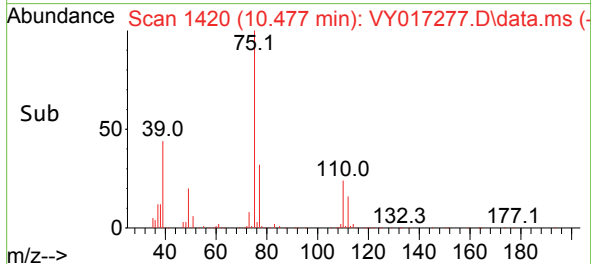
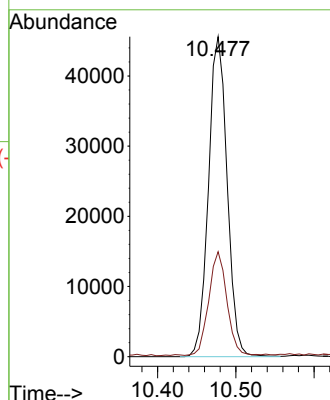
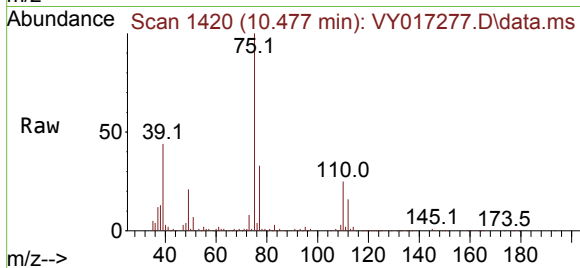




#53
 t-1,3-Dichloropropene
 Concen: 47.845 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY017277.D
 Acq: 06 Feb 2024 20:09

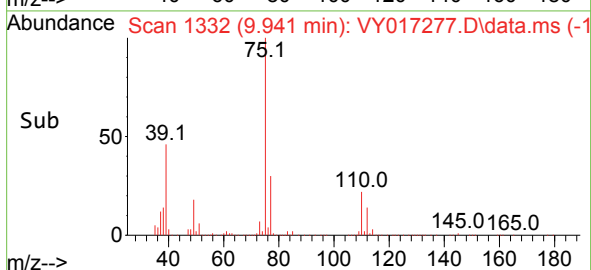
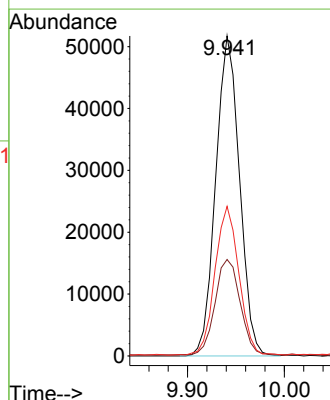
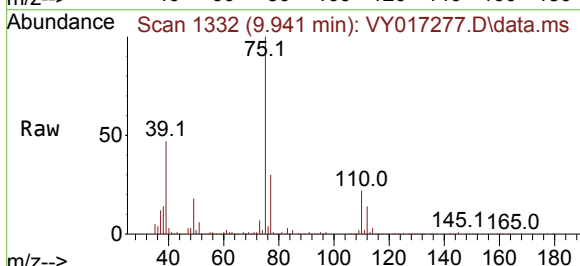
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

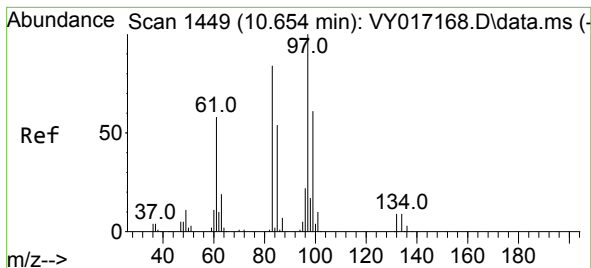
Tgt Ion: 75 Resp: 75434
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 46.782 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY017277.D
 Acq: 06 Feb 2024 20:09

Tgt Ion: 75 Resp: 88346
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.6 36.8
 39 46.4 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 48.911 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 44633

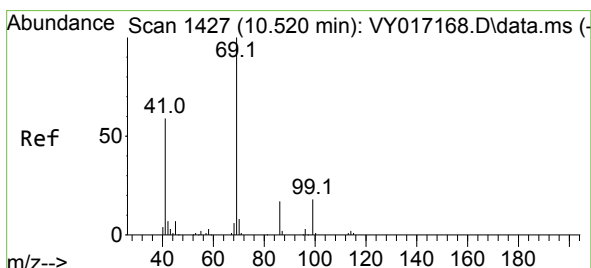
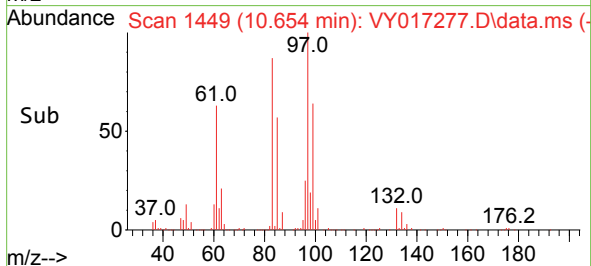
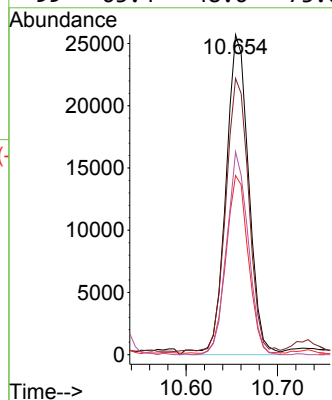
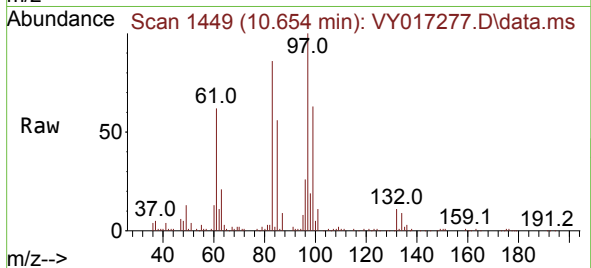
Ion Ratio Lower Upper

97 100

83 85.2 69.4 104.2

85 55.5 43.9 65.9

99 63.4 48.6 73.0



#56

Ethyl methacrylate

Concen: 47.380 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

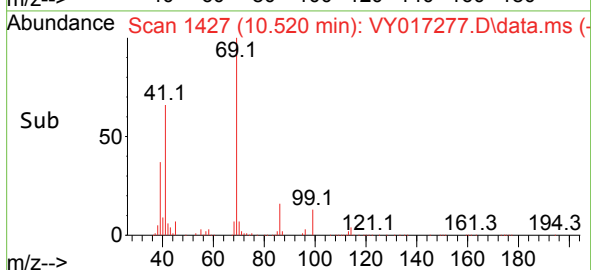
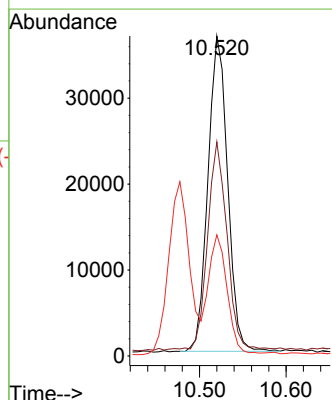
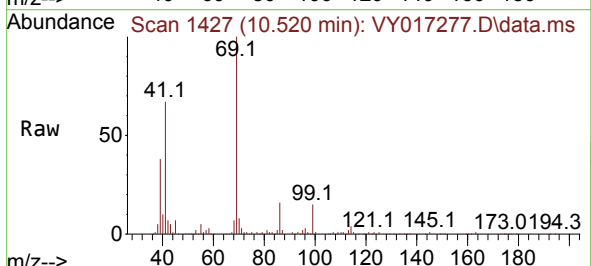
Tgt Ion: 69 Resp: 57966

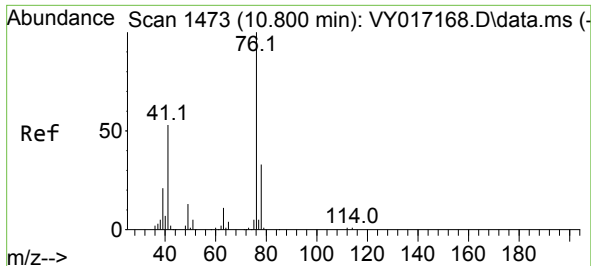
Ion Ratio Lower Upper

69 100

41 65.4 49.2 73.8

39 35.0 26.8 40.2





#57

1,3-Dichloropropane

Concen: 47.748 ug/l

RT: 10.800 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

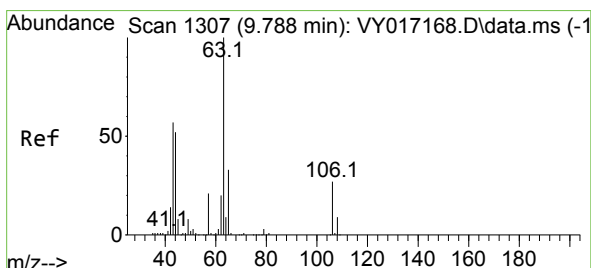
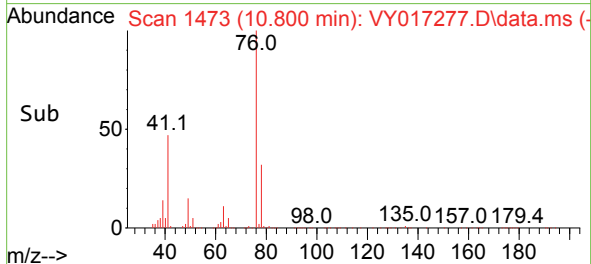
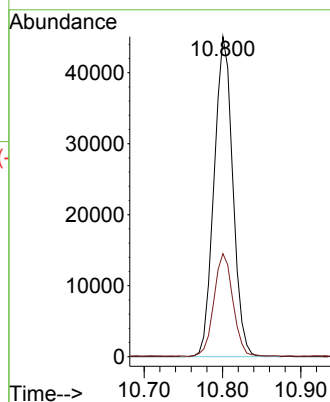
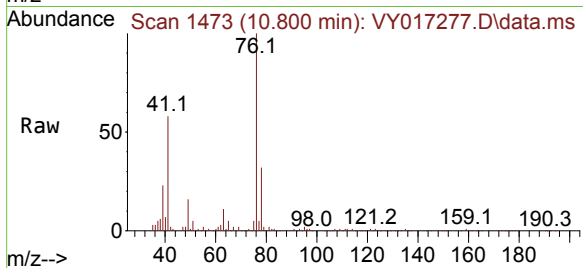
VSTDCCC050EC

Tgt Ion: 76 Resp: 74942

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 280.019 ug/l

RT: 9.794 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY017277.D

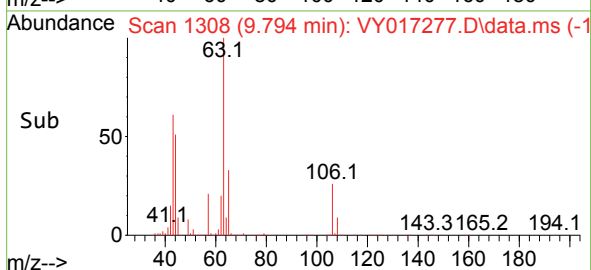
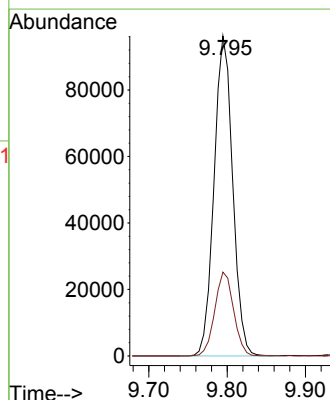
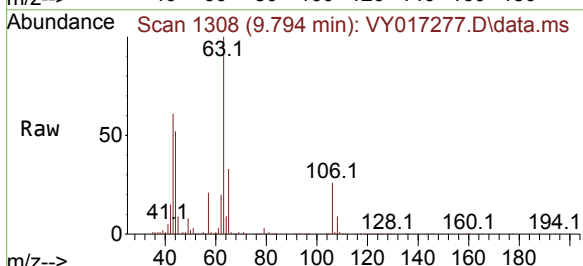
Acq: 06 Feb 2024 20:09

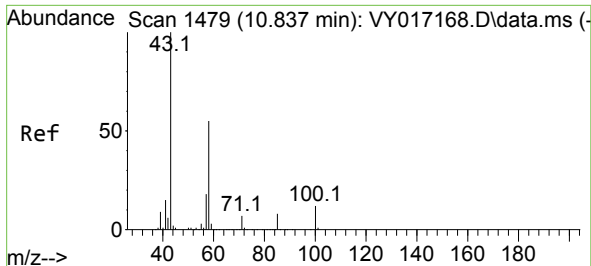
Tgt Ion: 63 Resp: 159189

Ion Ratio Lower Upper

63 100

106 26.5 22.4 33.6

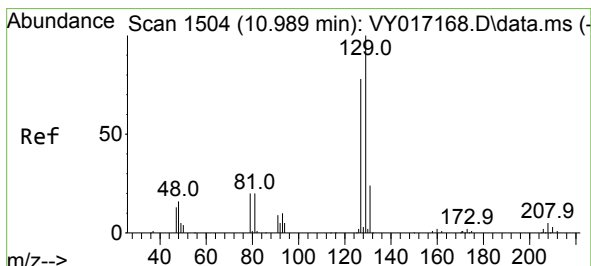
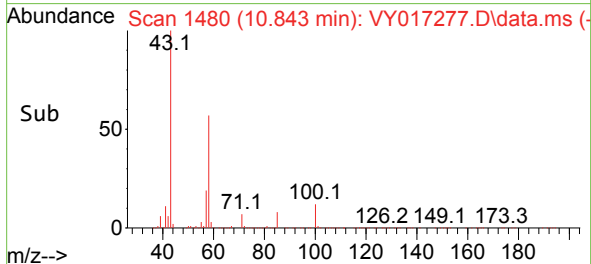
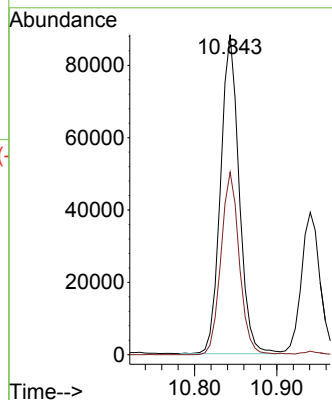
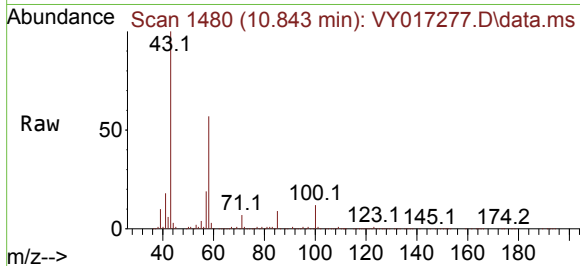




#59
2-Hexanone
Concen: 244.991 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

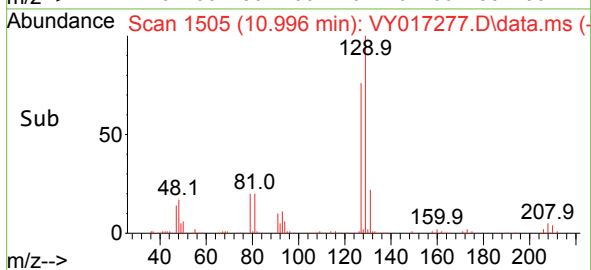
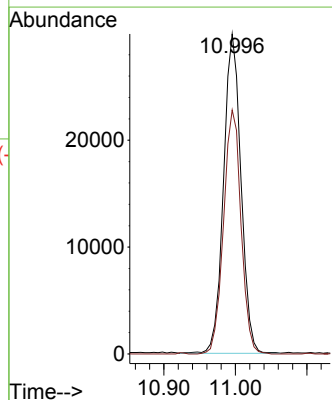
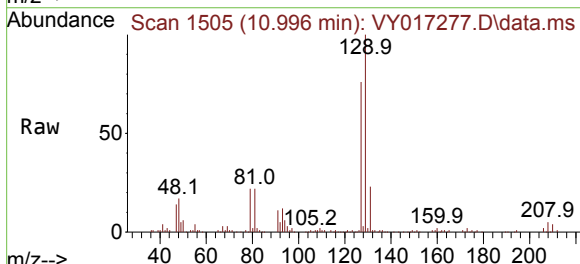
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

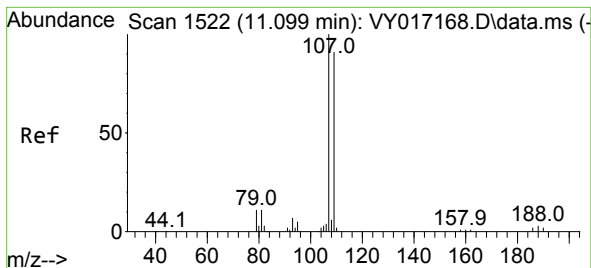
Tgt Ion: 43 Resp: 138014
Ion Ratio Lower Upper
43 100
58 56.9 28.1 84.3



#60
Dibromochloromethane
Concen: 47.136 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion:129 Resp: 50460
Ion Ratio Lower Upper
129 100
127 76.6 39.2 117.6

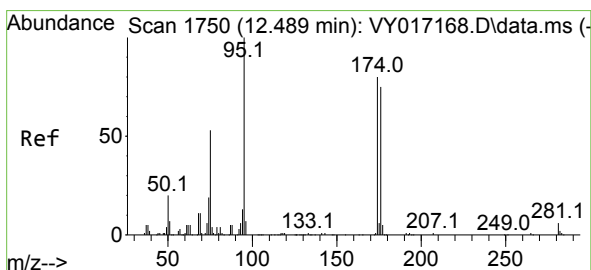
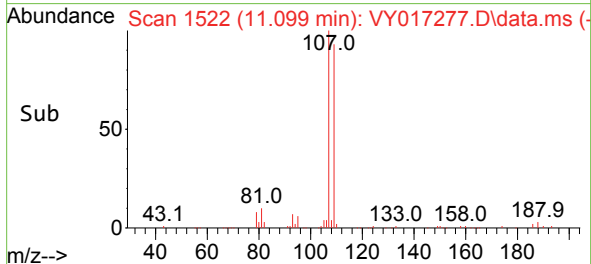
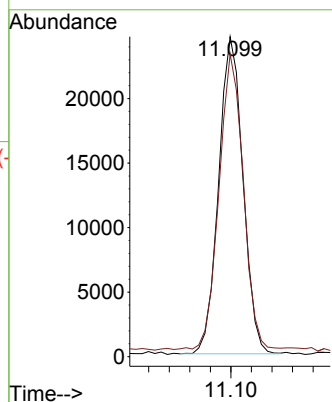
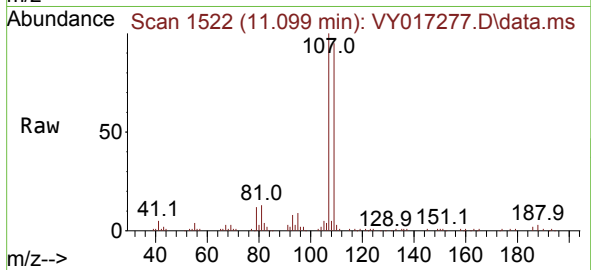




#61
1,2-Dibromoethane
Concen: 47.431 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

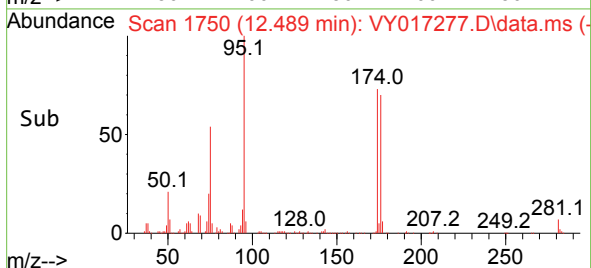
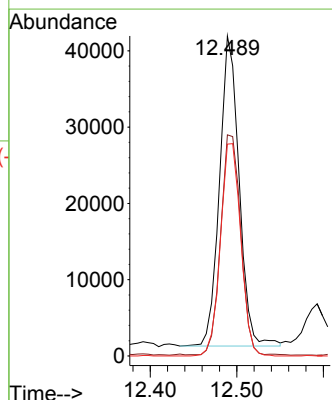
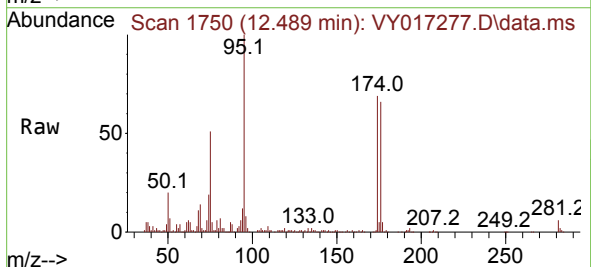
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

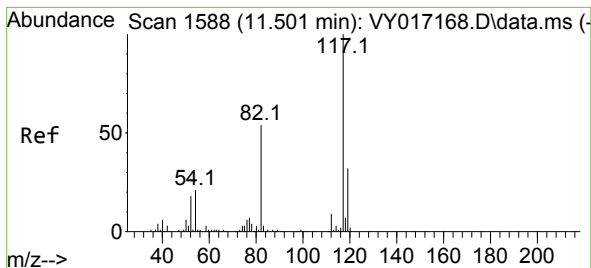
Tgt Ion:107 Resp: 40254
Ion Ratio Lower Upper
107 100
109 92.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.063 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 95 Resp: 63722
Ion Ratio Lower Upper
95 100
174 73.0 0.0 160.0
176 71.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

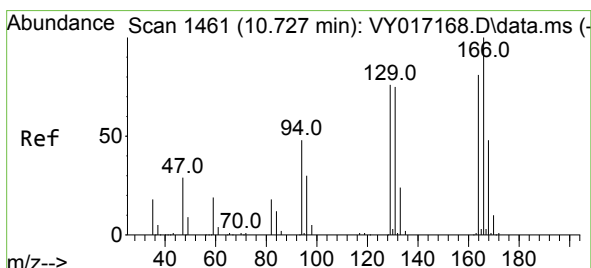
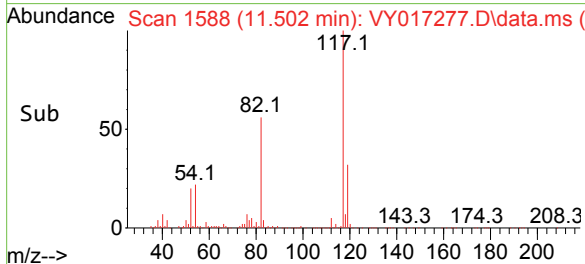
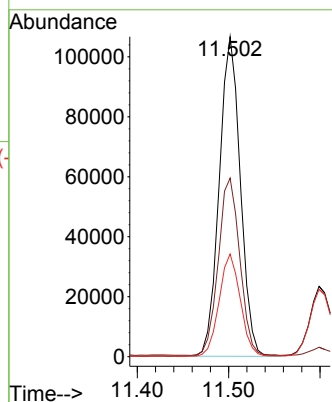
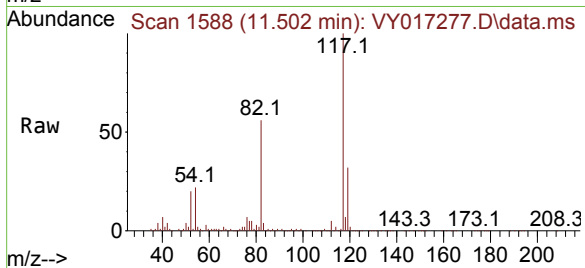
Tgt Ion:117 Resp: 170824

Ion Ratio Lower Upper

117 100

82 55.5 43.8 65.8

119 32.1 26.5 39.7



#64

Tetrachloroethene

Concen: 44.651 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Tgt Ion:164 Resp: 49536

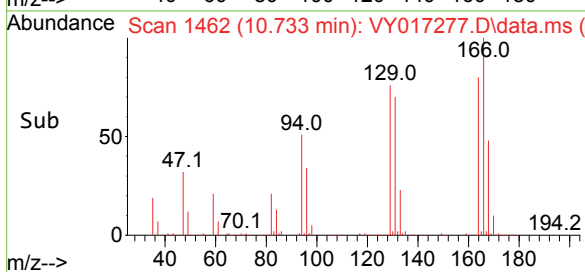
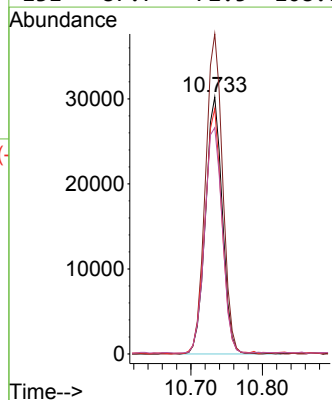
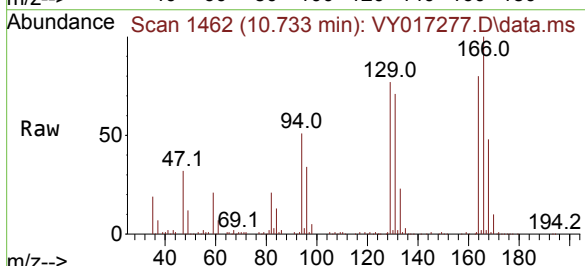
Ion Ratio Lower Upper

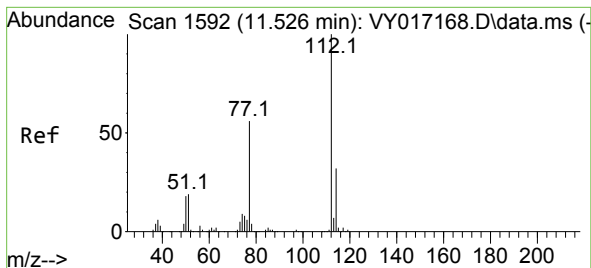
164 100

166 124.5 98.8 148.2

129 95.1 78.9 118.3

131 87.7 72.5 108.7





#65

Chlorobenzene

Concen: 44.896 ug/l

RT: 11.526 min Scan# 1592

Delta R.T. 0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

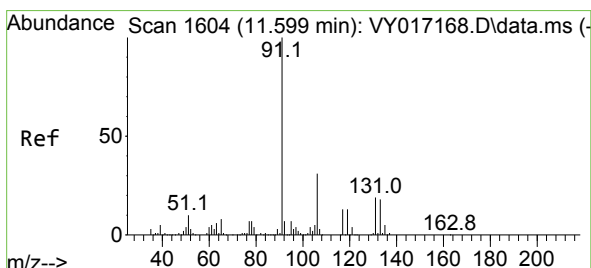
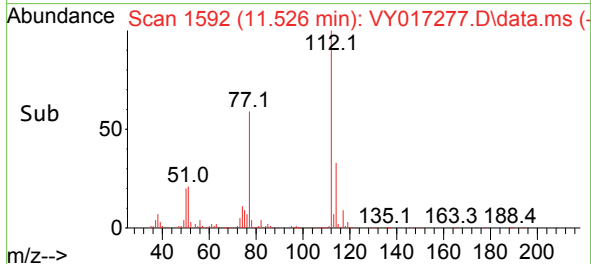
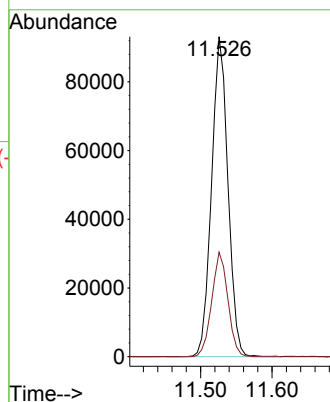
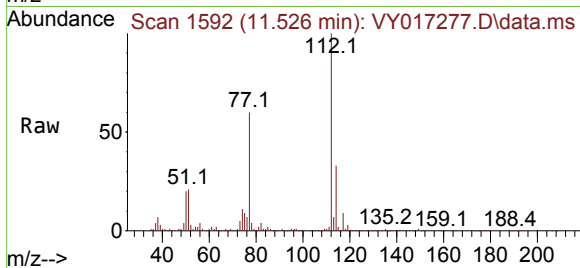
VSTDCCC050EC

Tgt Ion:112 Resp: 147947

Ion Ratio Lower Upper

112 100

114 32.6 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 44.903 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

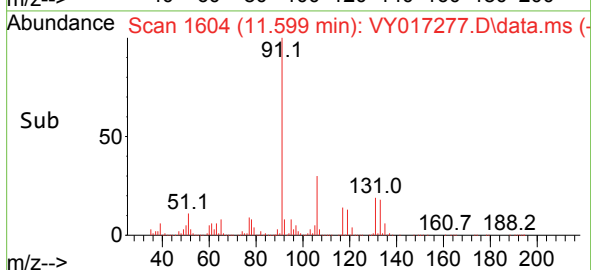
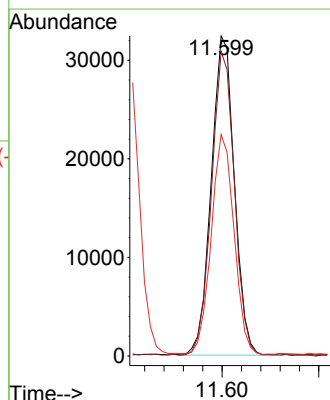
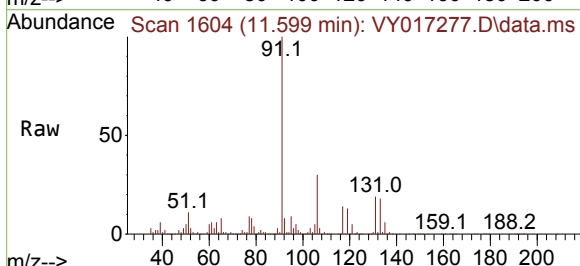
Tgt Ion:131 Resp: 53774

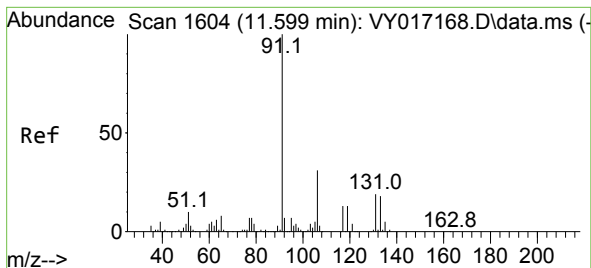
Ion Ratio Lower Upper

131 100

133 94.2 47.0 141.0

119 67.8 33.3 99.9





#67

Ethyl Benzene

Concen: 46.854 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

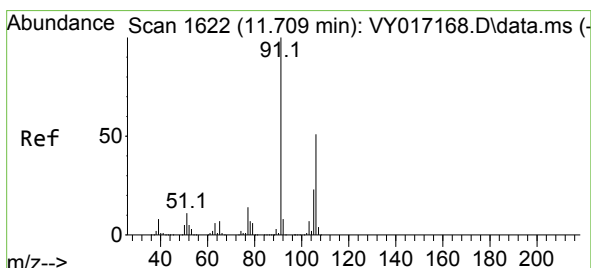
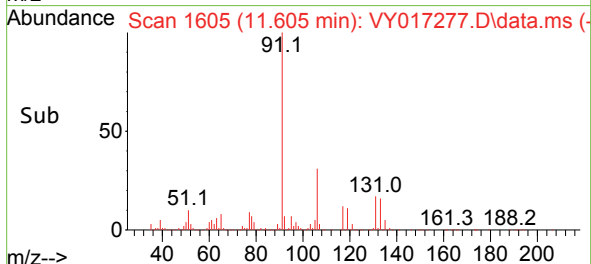
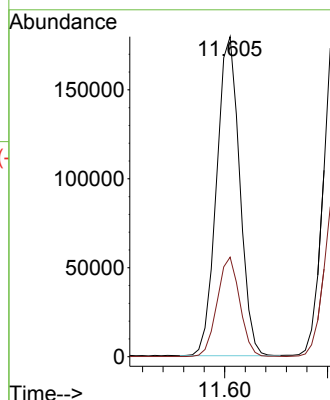
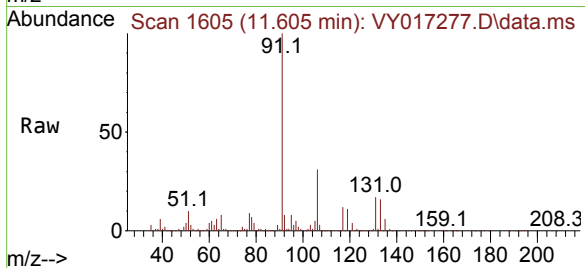
VSTDCCC050EC

Tgt Ion: 91 Resp: 279047

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



#68

m/p-Xylenes

Concen: 92.386 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017277.D

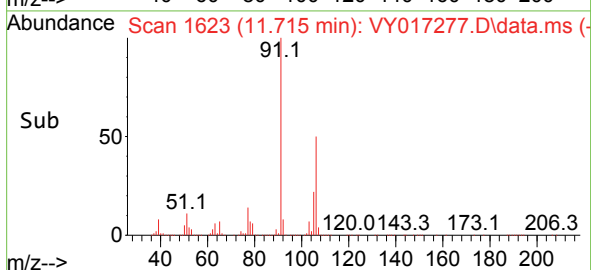
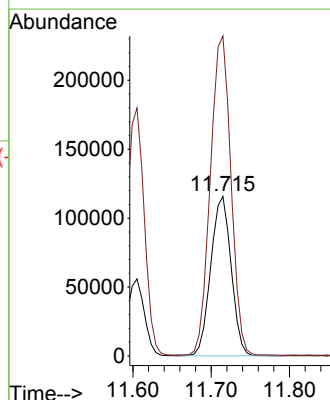
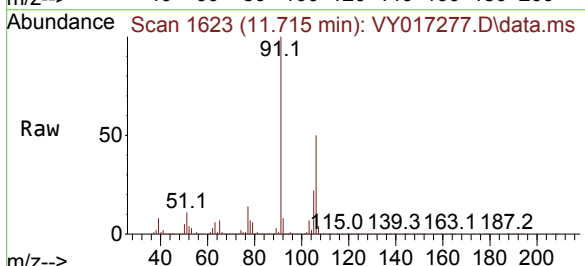
Acq: 06 Feb 2024 20:09

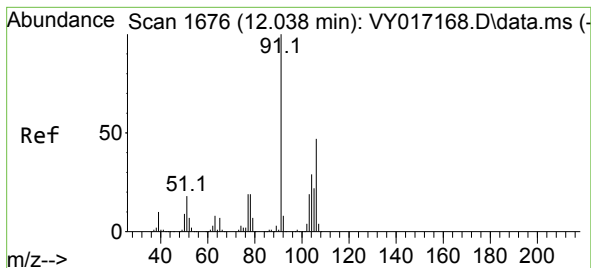
Tgt Ion:106 Resp: 208804

Ion Ratio Lower Upper

106 100

91 202.7 160.7 241.1





#69

o-Xylene

Concen: 48.113 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

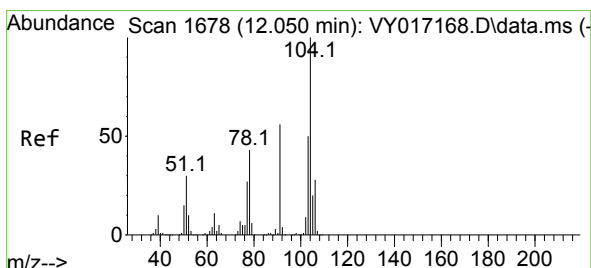
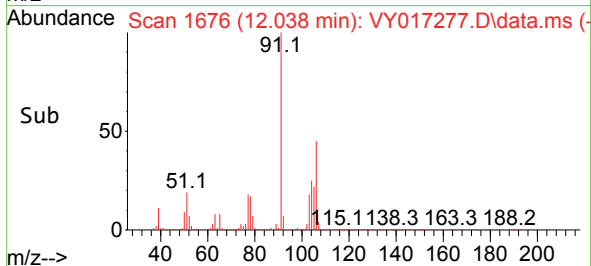
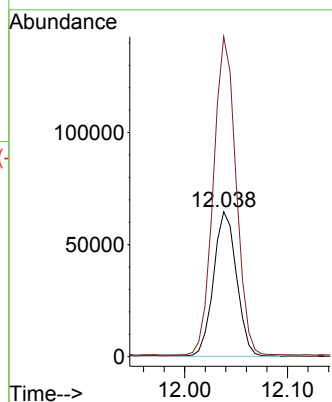
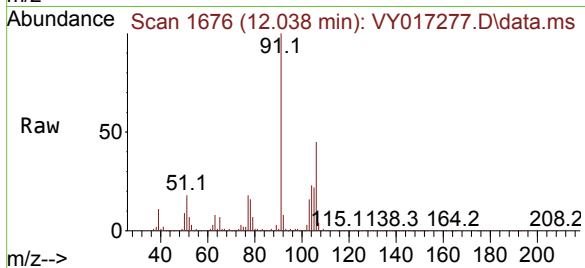
VSTDCCC050EC

Tgt Ion:106 Resp: 100140

Ion Ratio Lower Upper

106 100

91 217.0 106.5 319.5



#70

Styrene

Concen: 49.963 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

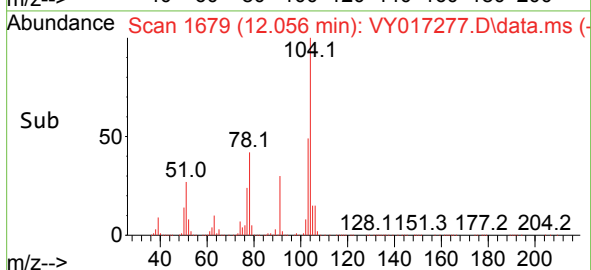
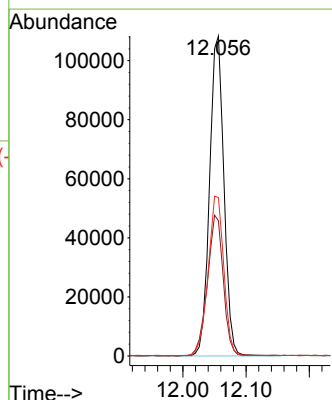
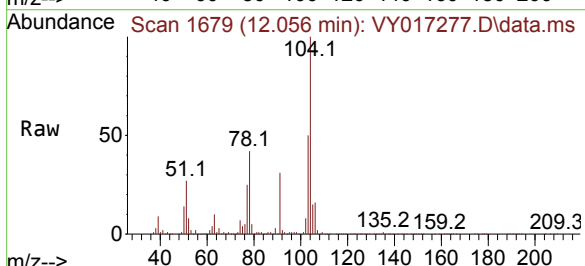
Tgt Ion:104 Resp: 171340

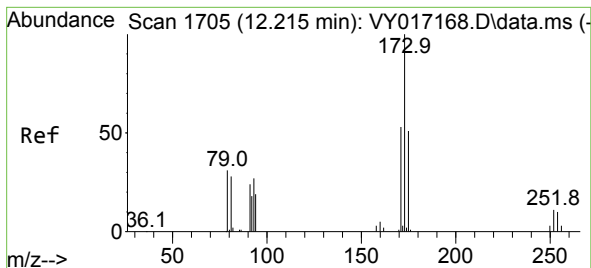
Ion Ratio Lower Upper

104 100

78 48.1 39.2 58.8

103 54.2 43.8 65.6





#71

Bromoform

Concen: 47.294 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

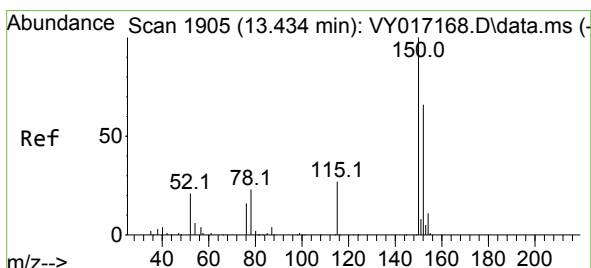
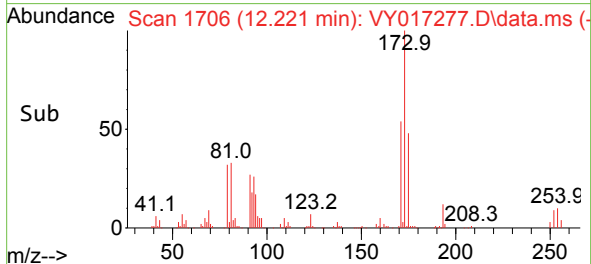
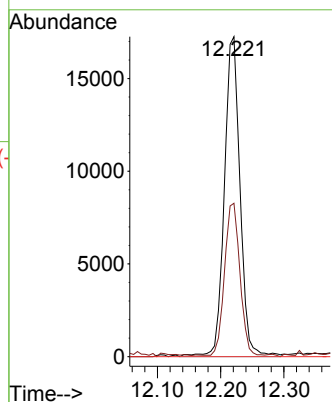
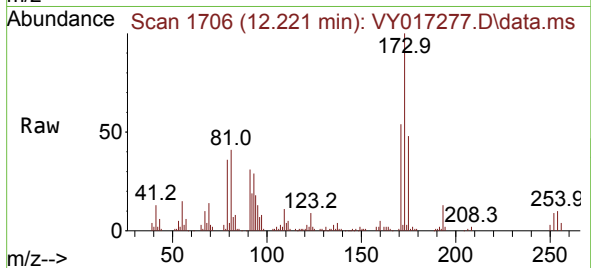
Tgt Ion:173 Resp: 29661

Ion Ratio Lower Upper

173 100

175 46.4 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

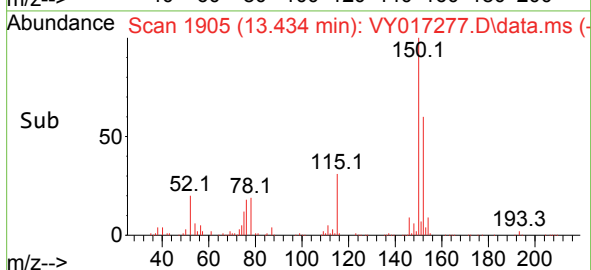
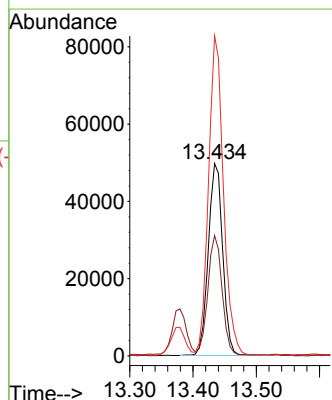
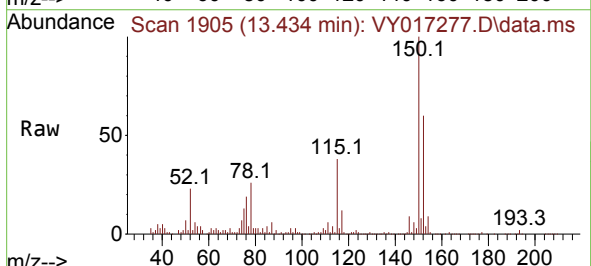
Tgt Ion:152 Resp: 78854

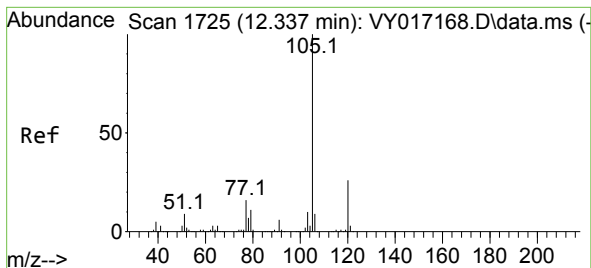
Ion Ratio Lower Upper

152 100

115 60.9 30.0 90.0

150 171.3 0.0 344.6





#73

Isopropylbenzene

Concen: 45.875 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

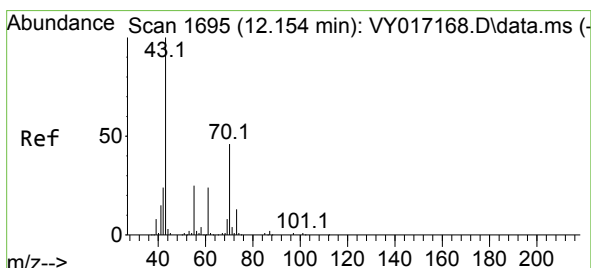
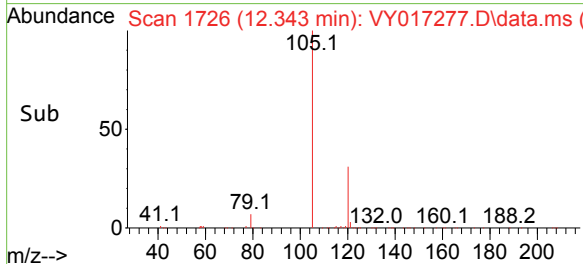
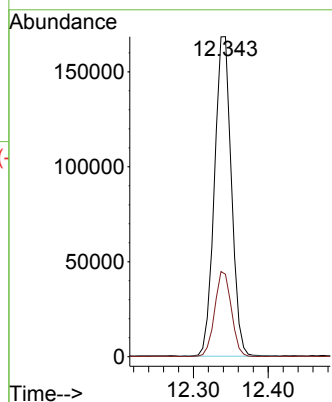
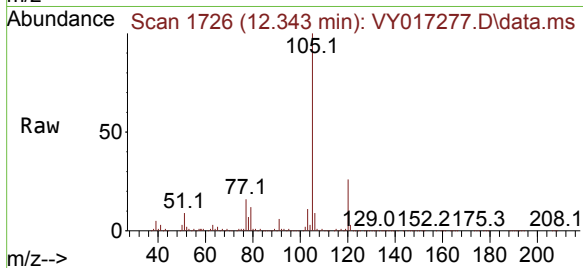
VSTDCCC050EC

Tgt Ion:105 Resp: 265750

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-ethyl acetate

Concen: 50.769 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Tgt Ion: 43 Resp: 66082

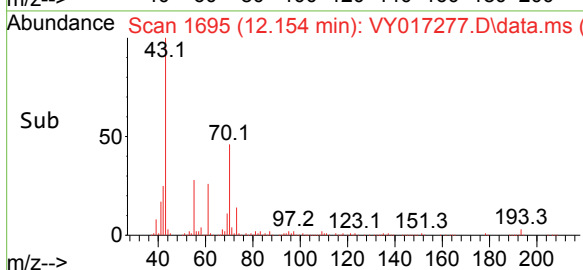
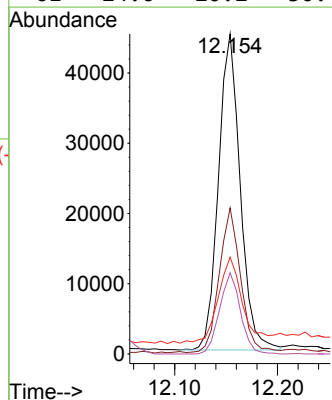
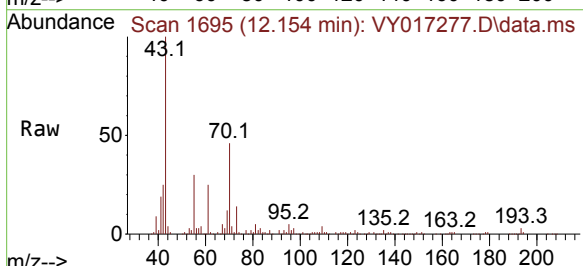
Ion Ratio Lower Upper

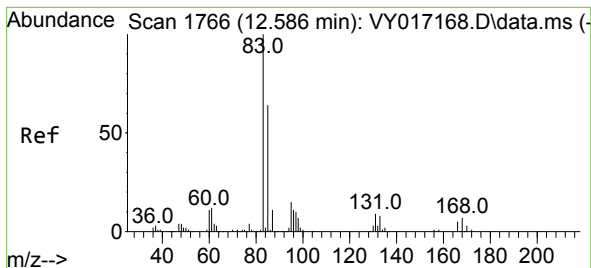
43 100

70 44.7 36.6 55.0

55 30.6 22.2 33.4

61 24.6 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 45.803 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

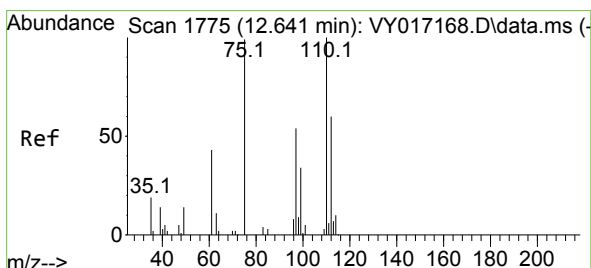
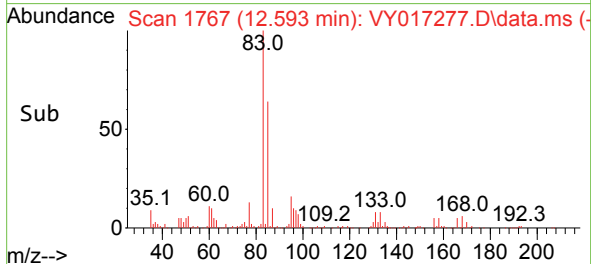
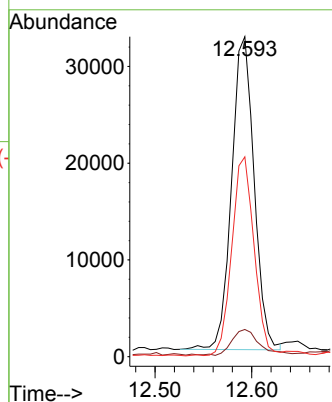
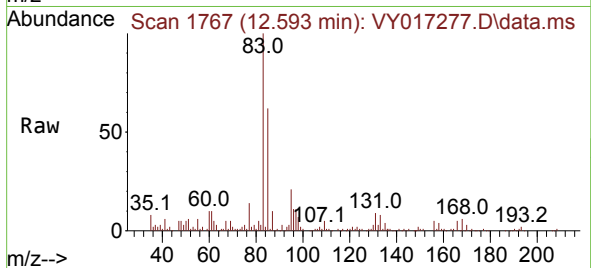
Tgt Ion: 83 Resp: 52186

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.6

85 63.4 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 86.461 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY017277.D

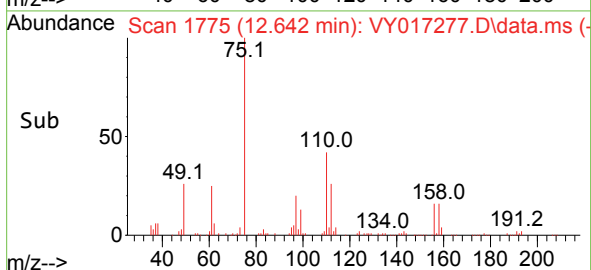
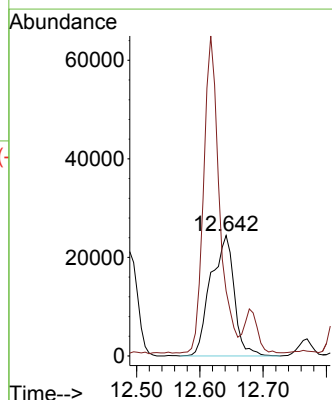
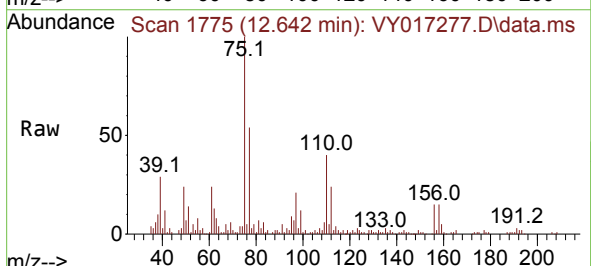
Acq: 06 Feb 2024 20:09

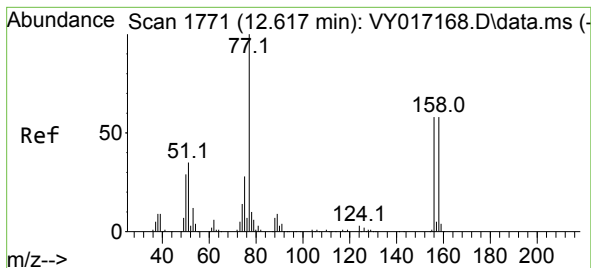
Tgt Ion: 75 Resp: 62927

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 43.317 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

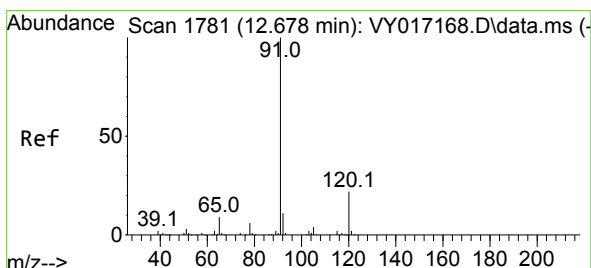
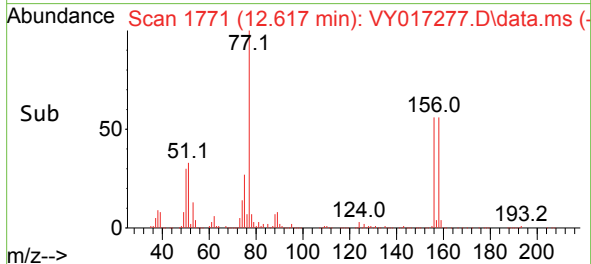
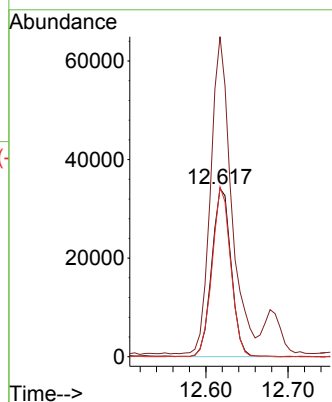
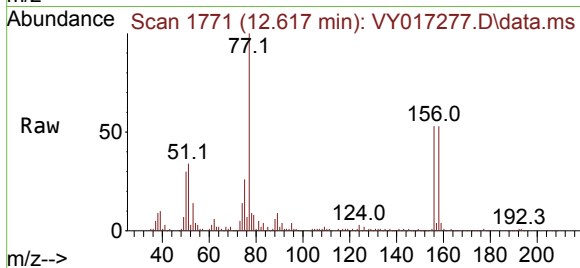
Tgt Ion:156 Resp: 55660

Ion Ratio Lower Upper

156 100

77 201.4 97.3 291.8

158 97.5 48.4 145.0



#78

n-propylbenzene

Concen: 45.724 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017277.D

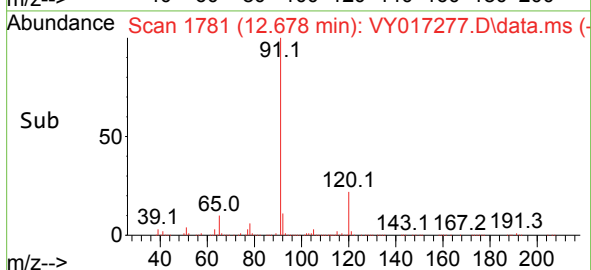
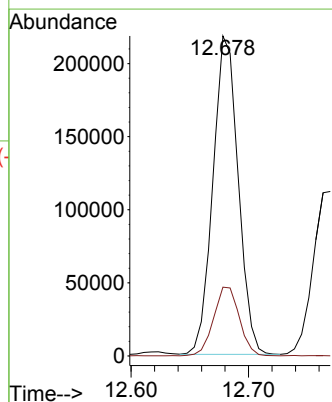
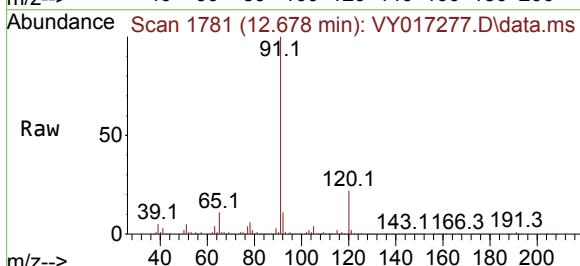
Acq: 06 Feb 2024 20:09

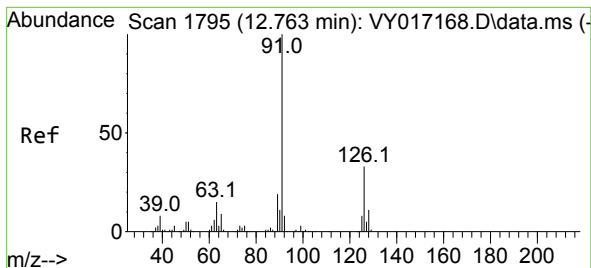
Tgt Ion: 91 Resp: 325311

Ion Ratio Lower Upper

91 100

120 21.9 11.0 33.0





#79

2-Chlorotoluene

Concen: 45.906 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

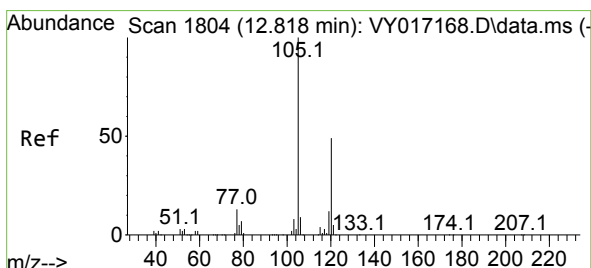
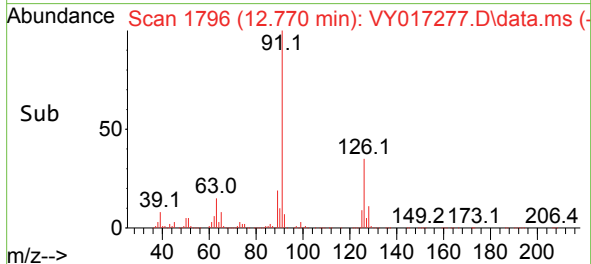
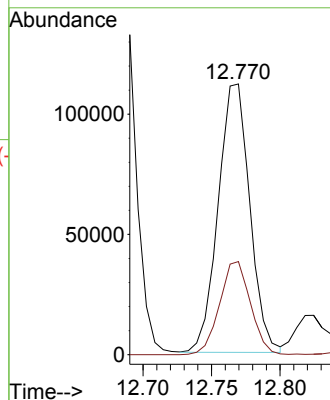
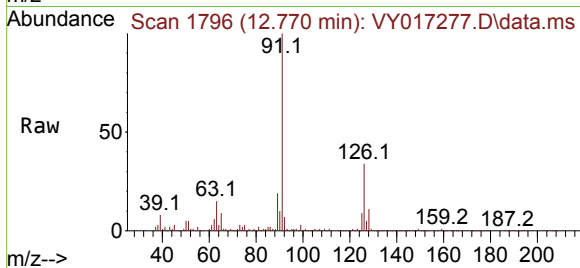
VSTDCCC050EC

Tgt Ion: 91 Resp: 179558

Ion Ratio Lower Upper

91 100

126 33.9 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 46.490 ug/l

RT: 12.824 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017277.D

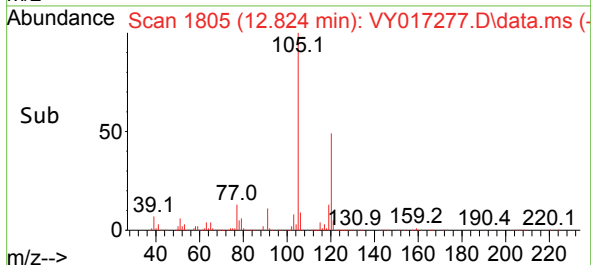
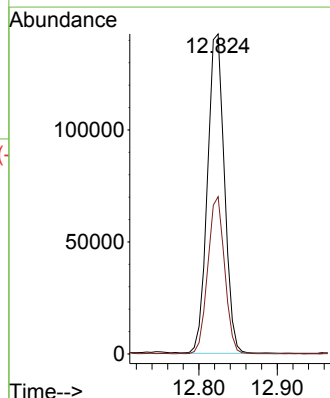
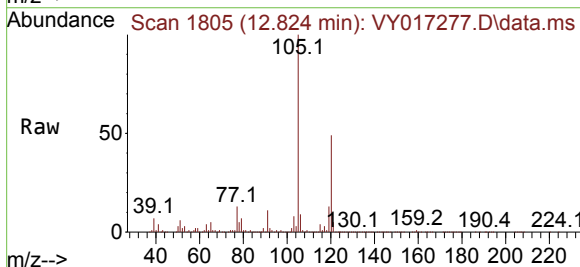
Acq: 06 Feb 2024 20:09

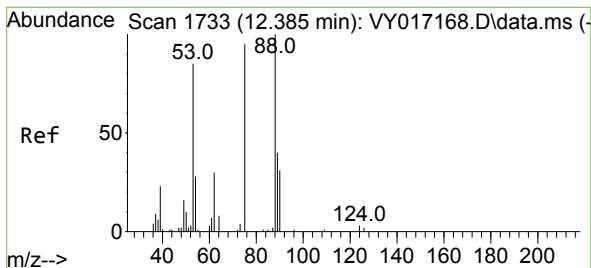
Tgt Ion:105 Resp: 214185

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8

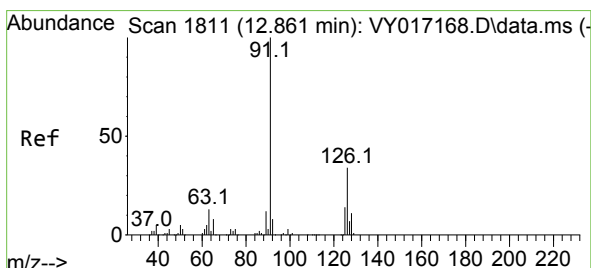
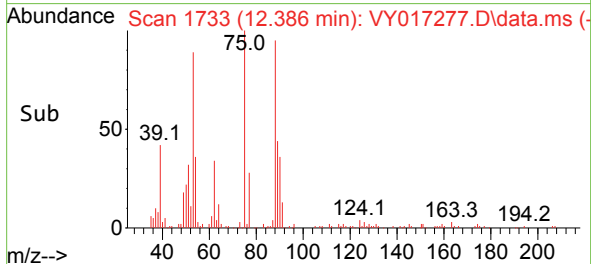
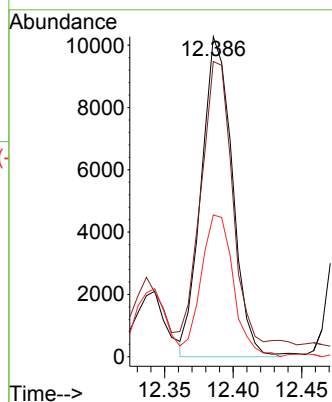
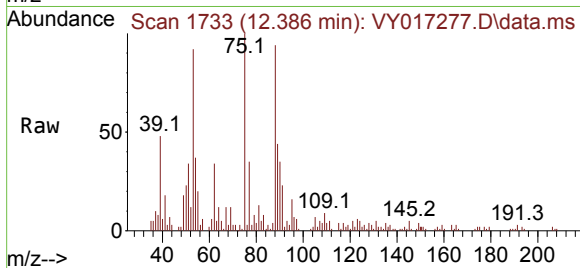




#81
trans-1,4-Dichloro-2-butene
Concen: 45.996 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

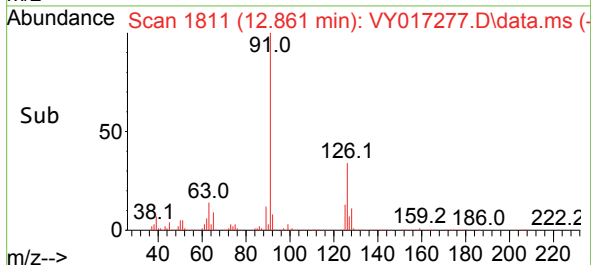
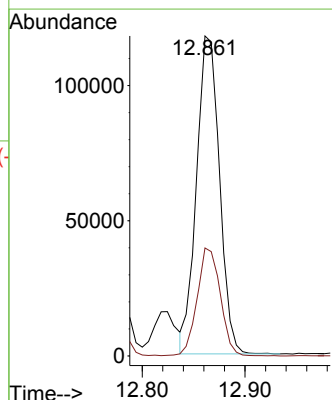
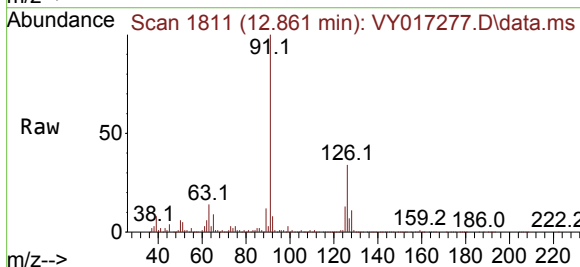
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

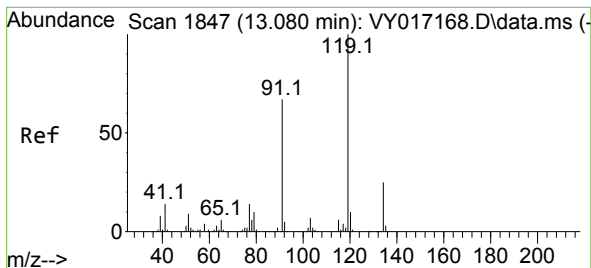
Tgt Ion: 75 Resp: 16111
Ion Ratio Lower Upper
75 100
53 93.6 74.0 111.0
89 46.2 36.5 54.7



#82
4-Chlorotoluene
Concen: 45.518 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 91 Resp: 183241
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 47.210 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

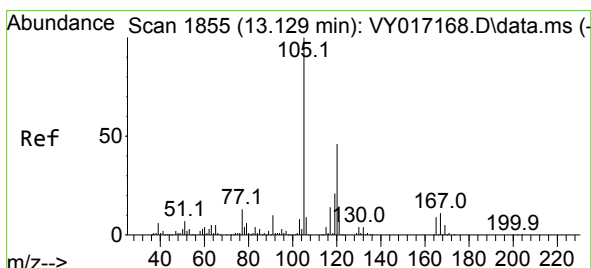
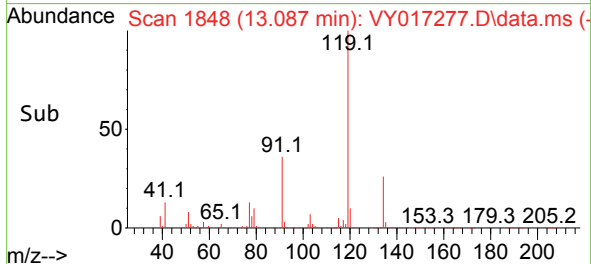
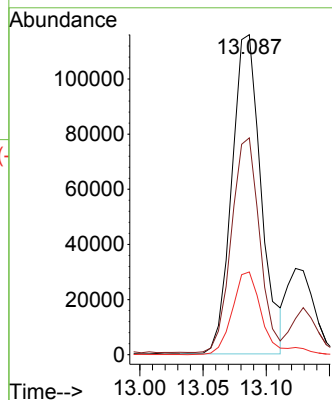
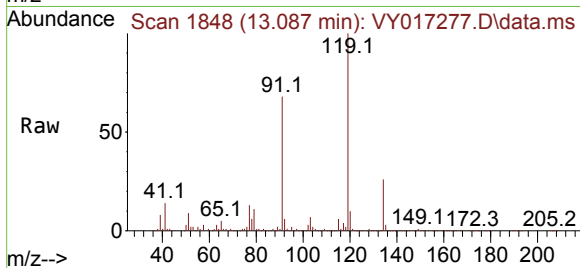
Tgt Ion:119 Resp: 186443

Ion Ratio Lower Upper

119 100

91 64.8 31.5 94.5

134 26.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 47.189 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017277.D

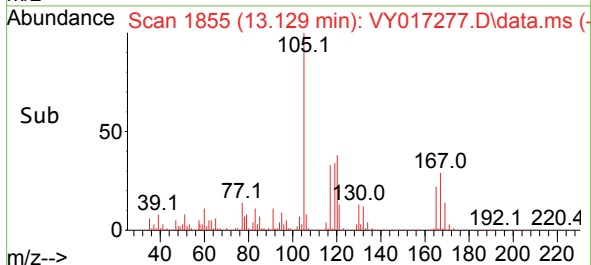
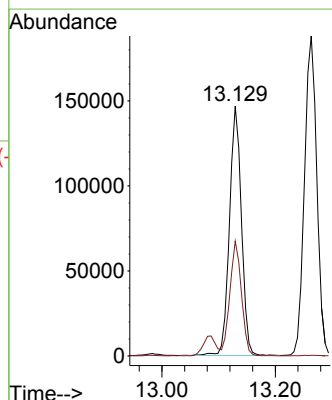
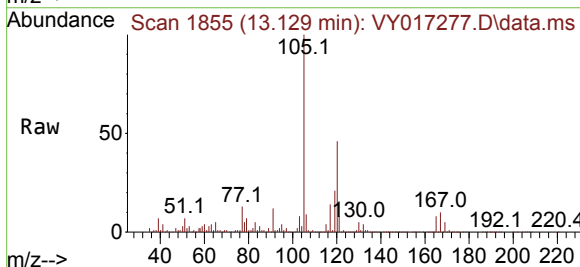
Acq: 06 Feb 2024 20:09

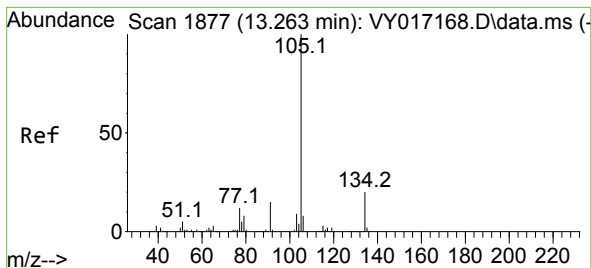
Tgt Ion:105 Resp: 214594

Ion Ratio Lower Upper

105 100

120 44.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 45.934 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

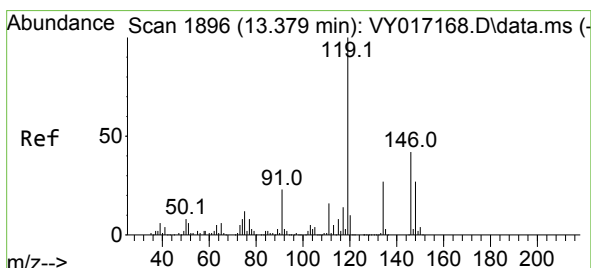
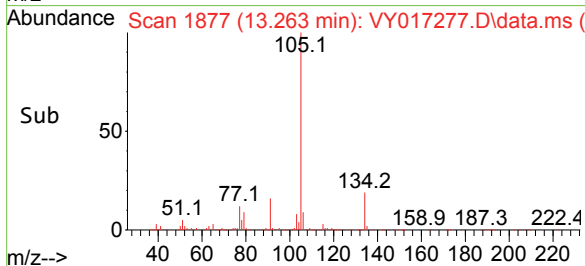
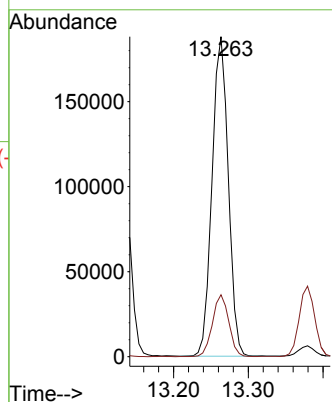
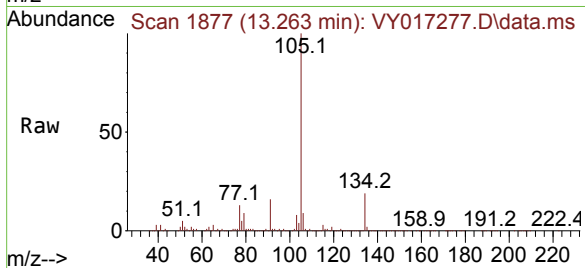
VSTDCCC050EC

Tgt Ion:105 Resp: 283522

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 46.324 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

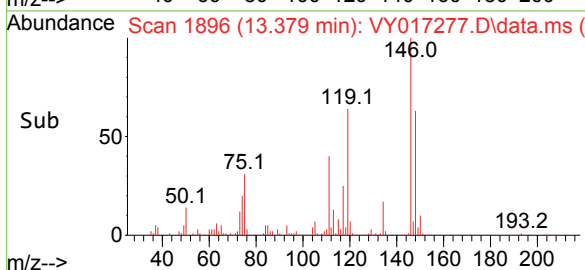
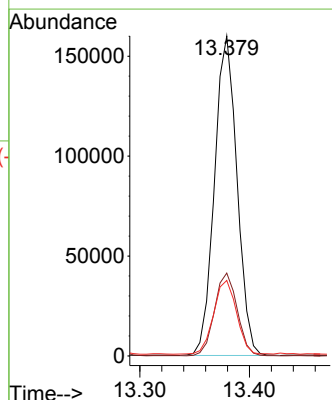
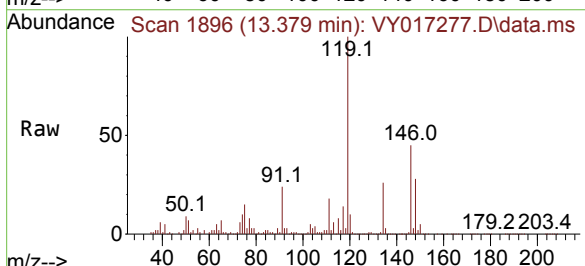
Tgt Ion:119 Resp: 228489

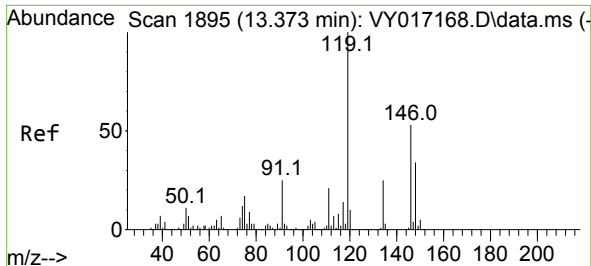
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 23.5 11.7 35.0

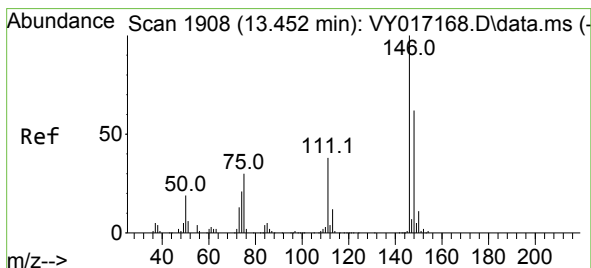
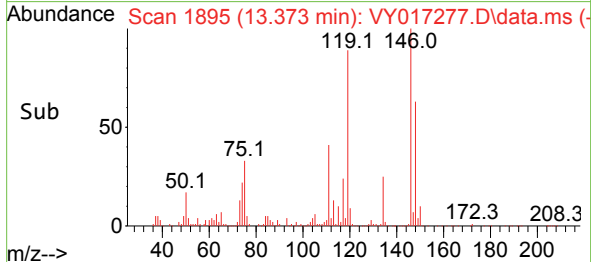
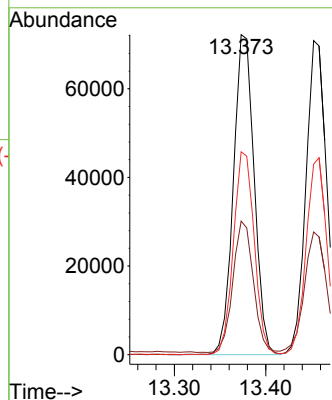
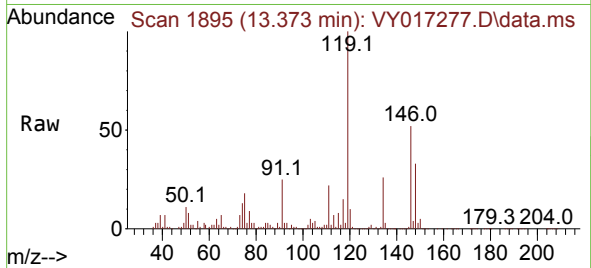




#87
1,3-Dichlorobenzene
Concen: 44.486 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

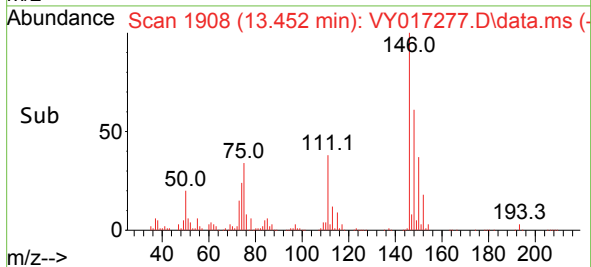
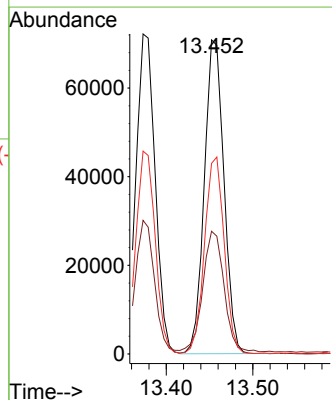
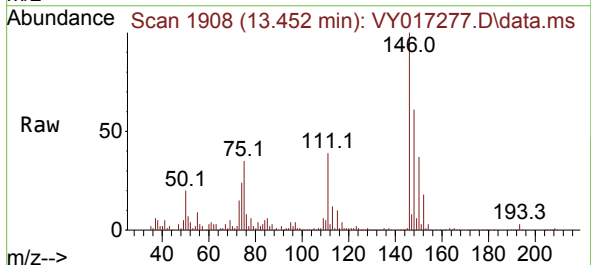
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

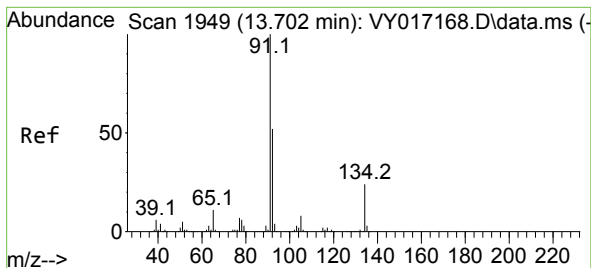
Tgt Ion:146 Resp: 114034
Ion Ratio Lower Upper
146 100
111 40.2 20.2 60.5
148 63.4 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 44.781 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion:146 Resp: 111521
Ion Ratio Lower Upper
146 100
111 41.1 19.3 57.9
148 62.8 31.6 94.7





#89

n-Butylbenzene

Concen: 48.019 ug/l

RT: 13.708 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

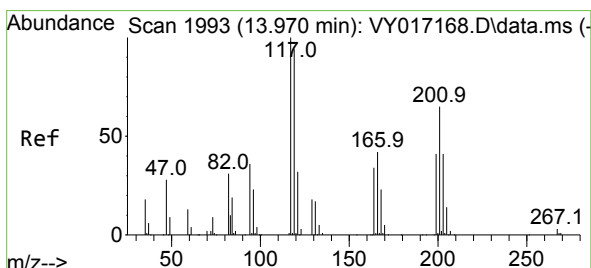
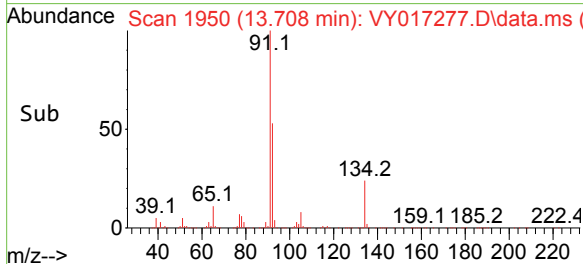
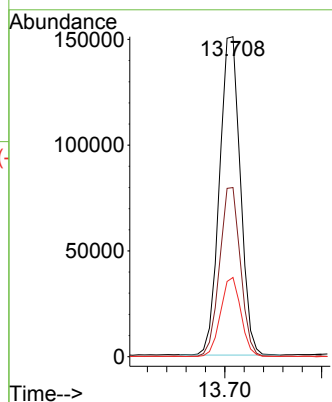
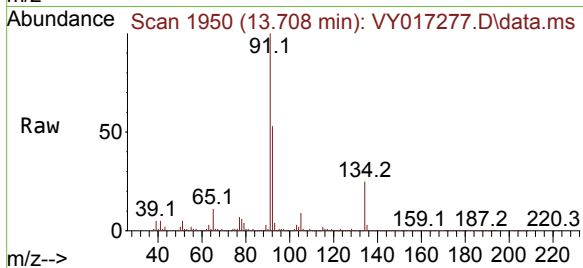
Tgt Ion: 91 Resp: 225189

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.2

134 24.3 12.3 36.8



#90

Hexachloroethane

Concen: 44.400 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY017277.D

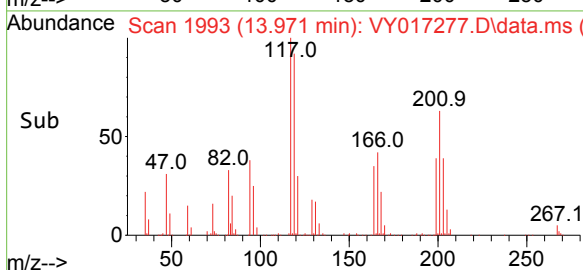
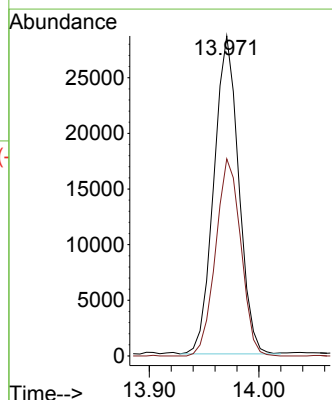
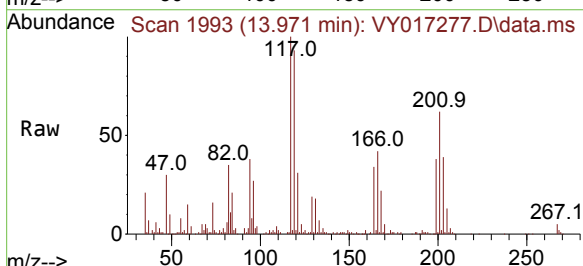
Acq: 06 Feb 2024 20:09

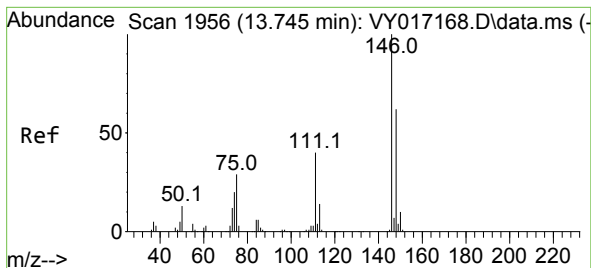
Tgt Ion: 117 Resp: 44958

Ion Ratio Lower Upper

117 100

201 62.9 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 45.913 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

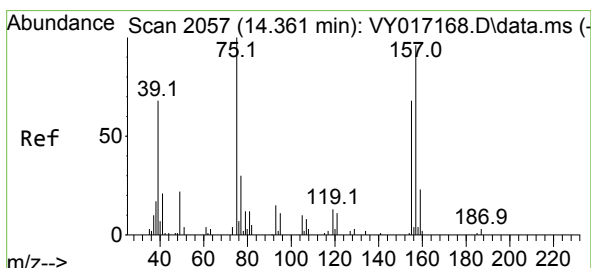
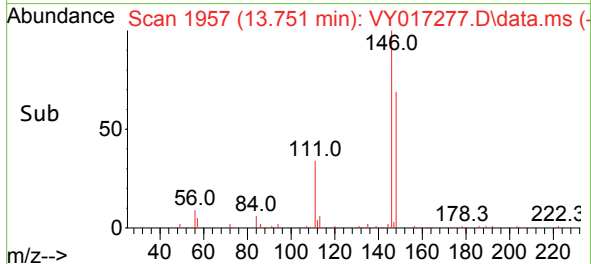
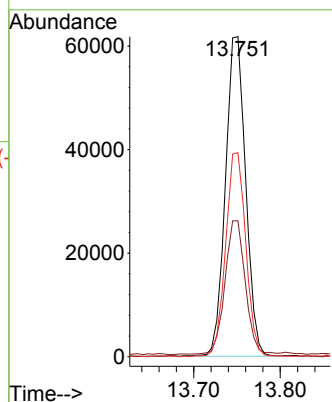
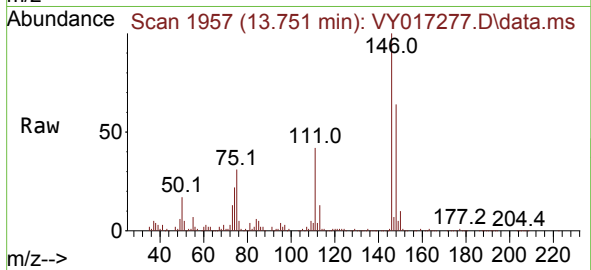
Tgt Ion:146 Resp: 100190

Ion Ratio Lower Upper

146 100

111 42.6 20.5 61.6

148 63.9 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.140 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

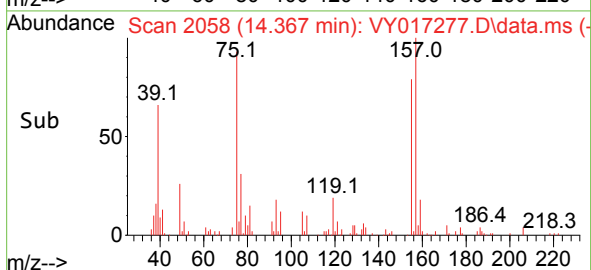
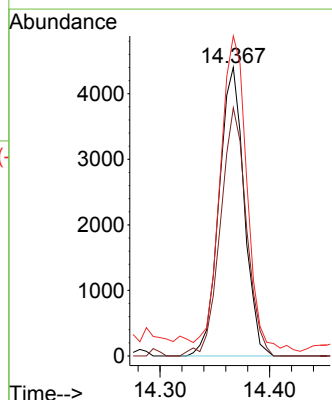
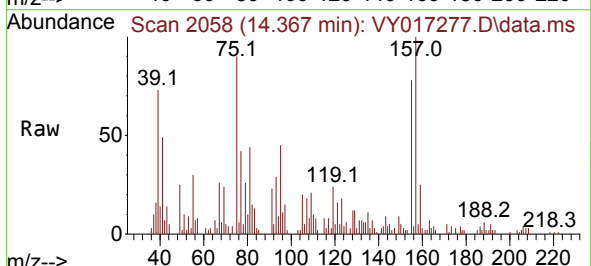
Tgt Ion: 75 Resp: 6996

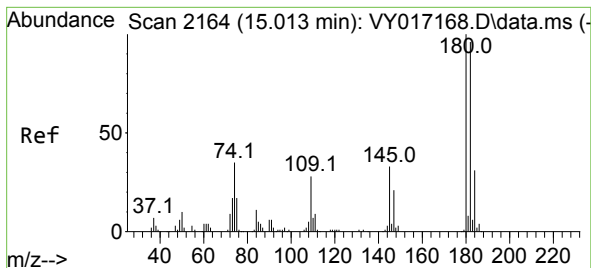
Ion Ratio Lower Upper

75 100

155 89.0 42.1 126.3

157 116.4 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 49.039 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

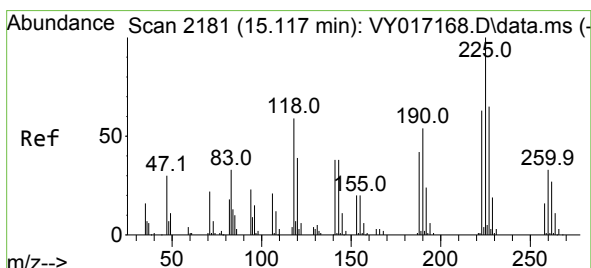
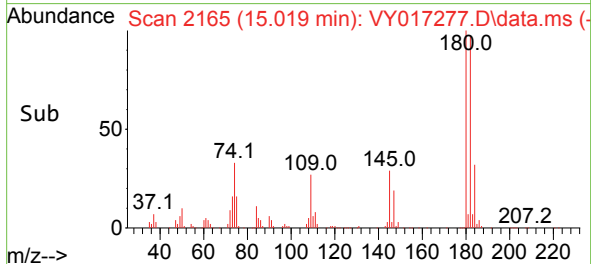
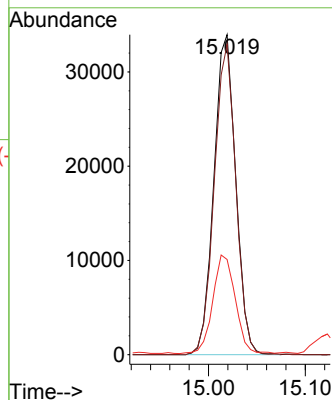
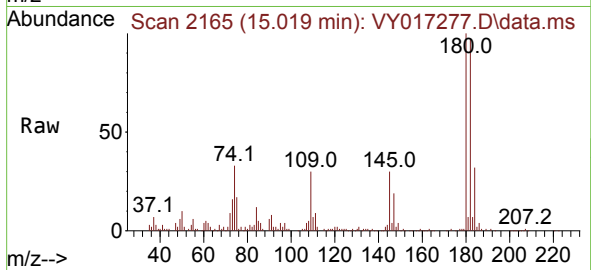
Tgt Ion:180 Resp: 53154

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.7

145 31.7 15.9 47.7



#94

Hexachlorobutadiene

Concen: 42.593 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

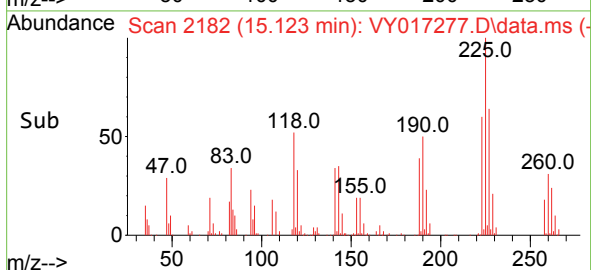
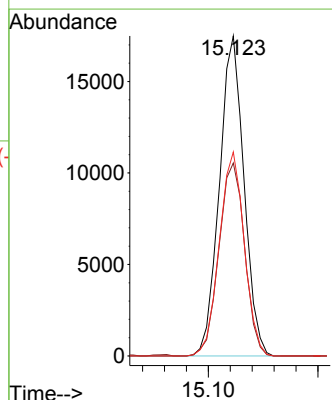
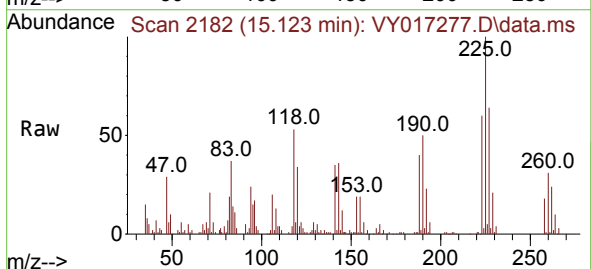
Tgt Ion:225 Resp: 27191

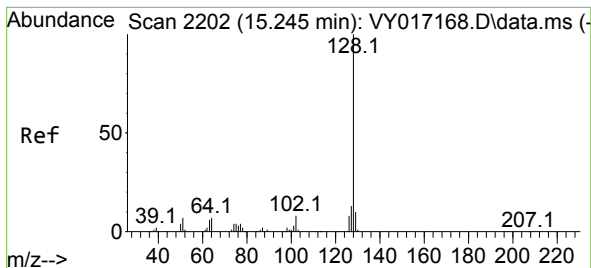
Ion Ratio Lower Upper

225 100

223 63.0 31.4 94.3

227 64.7 32.3 96.8





#95

Naphthalene

Concen: 52.256 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

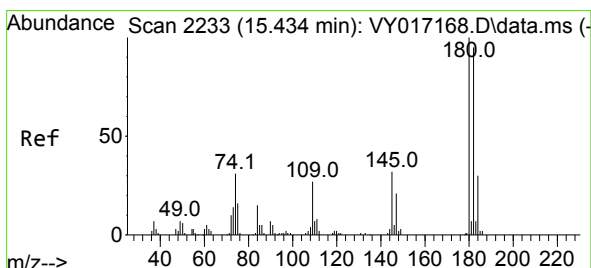
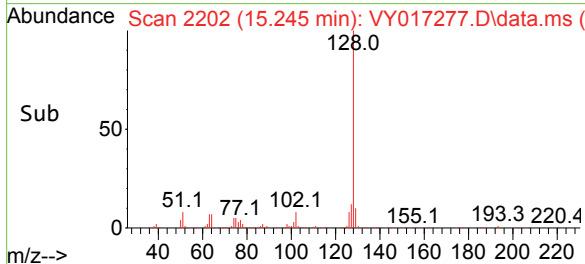
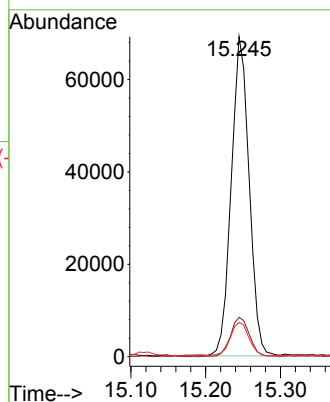
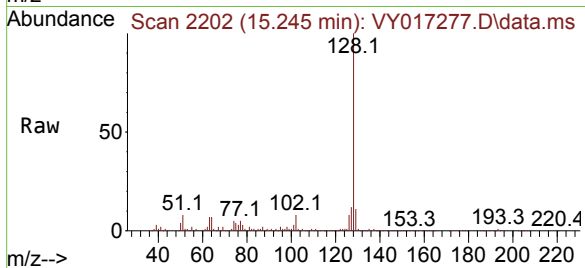
Tgt Ion:128 Resp: 115029

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 49.662 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Tgt Ion:180 Resp: 45782

Ion Ratio Lower Upper

180 100

182 94.1 46.3 138.8

145 33.0 16.1 48.2

