

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
 Data File : VY017778.D
 Acq On : 27 Mar 2024 13:53
 Operator : SY/MD
 Sample : VY0327SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Quant Time: Mar 28 02:15:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	127991	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.697	114	214846	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.502	117	185752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	86208	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	68682	61.596	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.200%	
35) Dibromofluoromethane	7.728	113	69628	54.217	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.440%	
50) Toluene-d8	10.191	98	273659	55.677	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.360%	
62) 4-Bromofluorobenzene	12.489	95	81053	54.917	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	20706	18.739	ug/l	94
3) Chloromethane	2.119	50	31250	21.831	ug/l	99
4) Vinyl Chloride	2.253	62	40412	23.350	ug/l	96
5) Bromomethane	2.650	94	36735	27.184	ug/l	100
6) Chloroethane	2.796	64	29218	25.260	ug/l	96
7) Trichlorofluoromethane	3.131	101	38935	21.343	ug/l	99
8) Diethyl Ether	3.534	74	13351	22.199	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.905	101	27846	21.443	ug/l	97
10) Methyl Iodide	4.101	142	28816	18.153	ug/l	97
11) Tert butyl alcohol	4.966	59	9340	125.934	ug/l #	91
12) 1,1-Dichloroethene	3.875	96	25512	20.886	ug/l	88
13) Acrolein	3.735	56	10067	112.606	ug/l	94
14) Allyl chloride	4.485	41	37653	22.745	ug/l	94
15) Acrylonitrile	5.174	53	31205	125.249	ug/l	99
16) Acetone	3.954	43	24075	123.443	ug/l	96
17) Carbon Disulfide	4.204	76	75379	18.443	ug/l	99
18) Methyl Acetate	4.491	43	12431	25.316	ug/l	96
19) Methyl tert-butyl Ether	5.228	73	61226	23.247	ug/l	99
20) Methylene Chloride	4.722	84	32699	23.054	ug/l #	86
21) trans-1,2-Dichloroethene	5.228	96	29217	20.981	ug/l	86
22) Diisopropyl ether	6.125	45	87660	24.320	ug/l #	90
23) Vinyl Acetate	6.070	43	258040	121.888	ug/l	95
24) 1,1-Dichloroethane	6.027	63	54890	23.169	ug/l	96
25) 2-Butanone	6.996	43	36754	115.373	ug/l	88
26) 2,2-Dichloropropane	6.990	77	44129	21.914	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	34492	21.898	ug/l	91
28) Bromochloromethane	7.338	49	21833	23.772	ug/l	82
29) Tetrahydrofuran	7.362	42	23892	117.037	ug/l	88
30) Chloroform	7.515	83	55992	22.798	ug/l	99
31) Cyclohexane	7.795	56	45455	20.611	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	46854	21.905	ug/l	95
36) 1,1-Dichloropropene	7.923	75	39377	19.847	ug/l	97
37) Ethyl Acetate	7.082	43	18820	24.686	ug/l #	76
38) Carbon Tetrachloride	7.911	117	41048	19.759	ug/l	98
39) Methylcyclohexane	9.191	83	48262	18.949	ug/l	92
40) Benzene	8.173	78	125125	21.068	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	23120	61.392	ug/l #	26
42) 1,2-Dichloroethane	8.246	62	31599	22.213	ug/l	96
43) Isopropyl Acetate	8.283	43	31918	21.573	ug/l	95
44) Trichloroethene	8.953	130	30854	19.862	ug/l	98
45) 1,2-Dichloropropane	9.222	63	28795	21.279	ug/l	97
46) Dibromomethane	9.319	93	15888	21.070	ug/l	96
47) Bromodichloromethane	9.508	83	41449	21.497	ug/l	99
48) Methyl methacrylate	9.301	41	14507	21.422	ug/l	93
49) 1,4-Dioxane	9.313	88	3451	470.349	ug/l #	100
51) 4-Methyl-2-Pentanone	10.081	43	86007	109.348	ug/l	93
52) Toluene	10.252	92	77579	21.139	ug/l	98
53) t-1,3-Dichloropropene	10.477	75	36525	21.661	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	44283	21.498	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	21023	21.794	ug/l	98
56) Ethyl methacrylate	10.520	69	25678	19.738	ug/l #	85
57) 1,3-Dichloropropane	10.801	76	35565	21.405	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	68787	107.031	ug/l	98
59) 2-Hexanone	10.843	43	57528	106.548	ug/l	90
60) Dibromochloromethane	10.996	129	26658	20.661	ug/l	100
61) 1,2-Dibromoethane	11.099	107	19222	21.225	ug/l	100
64) Tetrachloroethene	10.727	164	34322	19.980	ug/l	96
65) Chlorobenzene	11.526	112	85138	21.292	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	27697	20.743	ug/l	99
67) Ethyl Benzene	11.605	91	140702	20.489	ug/l	97
68) m/p-Xylenes	11.715	106	108721	40.812	ug/l	94
69) o-Xylene	12.038	106	49503	20.354	ug/l	97
70) Styrene	12.056	104	84456	20.864	ug/l	99
71) Bromoform	12.221	173	14641	20.820	ug/l #	99
73) Isopropylbenzene	12.337	105	130337	20.022	ug/l	100
74) N-amyl acetate	12.154	43	26491	21.196	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.593	83	20786	20.738	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	29501	37.058	ug/l #	100
77) Bromobenzene	12.617	156	29784	20.096	ug/l	95
78) n-propylbenzene	12.684	91	163972	20.809	ug/l	98
79) 2-Chlorotoluene	12.764	91	88217	20.415	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	104956	20.597	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	7503	21.778	ug/l	92
82) 4-Chlorotoluene	12.861	91	91991	20.748	ug/l	99
83) tert-Butylbenzene	13.087	119	96016	20.821	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	103810	20.780	ug/l	100
85) sec-Butylbenzene	13.264	105	146266	21.163	ug/l	99
86) p-Isopropyltoluene	13.379	119	121228	21.125	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	59881	19.939	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	60168	20.869	ug/l	99
89) n-Butylbenzene	13.703	91	109983	21.184	ug/l	98
90) Hexachloroethane	13.971	117	23271	19.886	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	50414	20.264	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2967	22.378	ug/l	90
93) 1,2,4-Trichlorobenzene	15.013	180	26631	22.097	ug/l	99
94) Hexachlorobutadiene	15.117	225	15710	20.308	ug/l	97
95) Naphthalene	15.245	128	40912	20.009	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	21574	21.681	ug/l	97

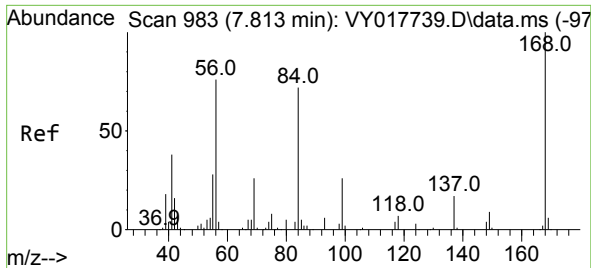
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
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Quant Title : SW846 8260
QLast Update : Sat Mar 23 04:03:52 2024
Response via : Initial Calibration

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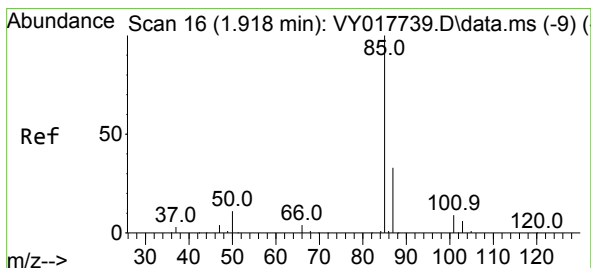
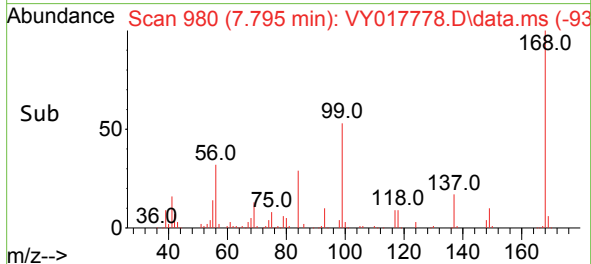
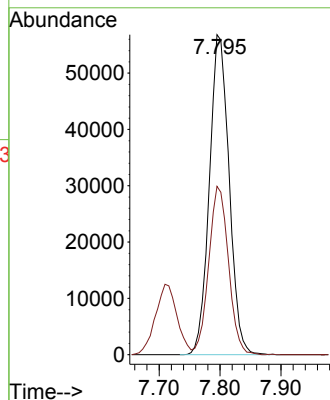
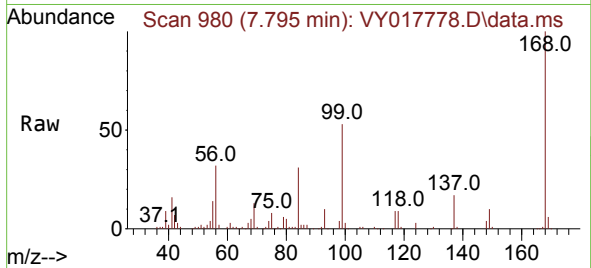
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

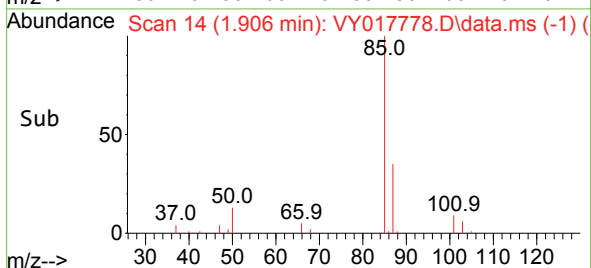
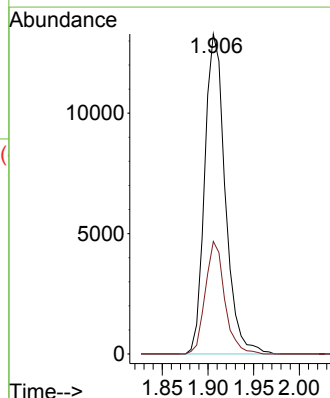
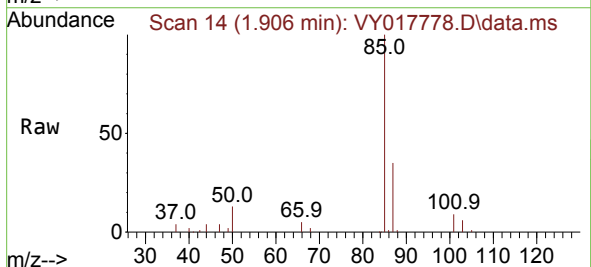
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

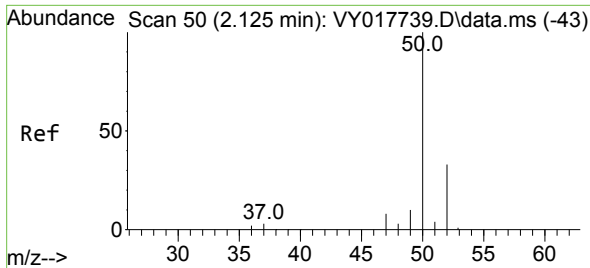
Tgt Ion:168 Resp: 127991
Ion Ratio Lower Upper
168 100
99 52.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 18.739 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion: 85 Resp: 20706
Ion Ratio Lower Upper
85 100
87 35.2 16.0 48.0

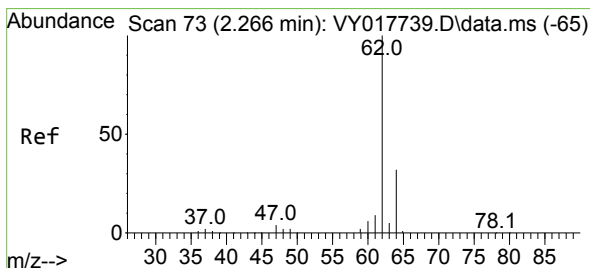
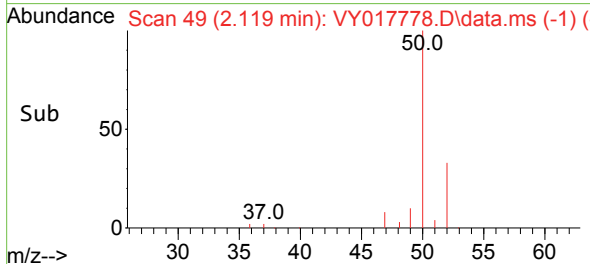
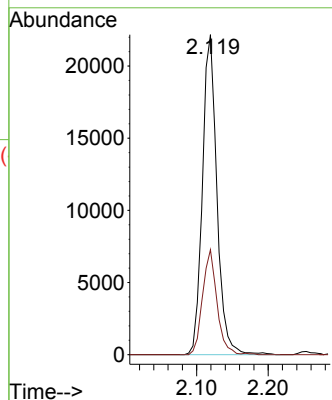
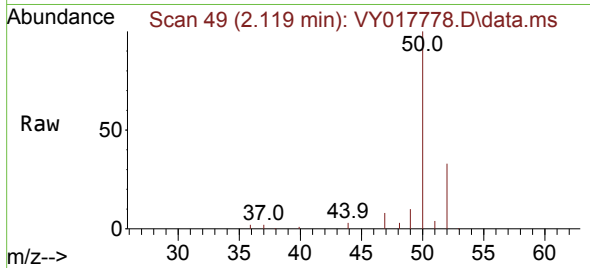




#3
Chloromethane
Concen: 21.831 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.006 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

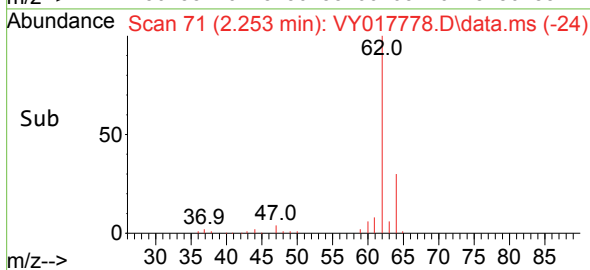
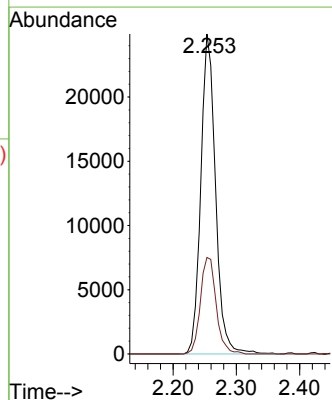
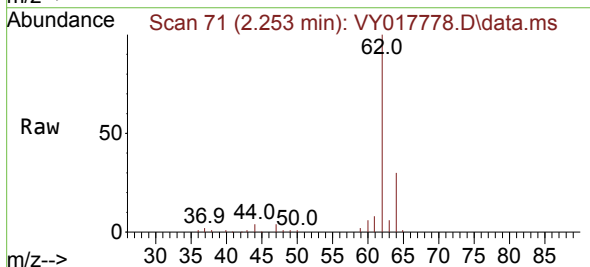
Instrument :
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ClientSampleId :
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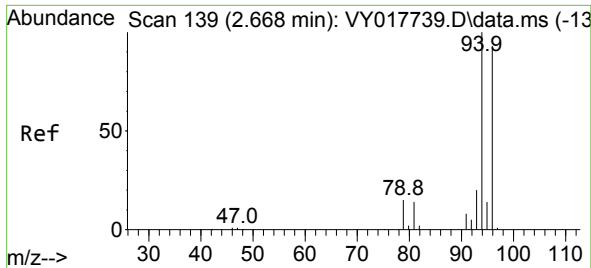
Tgt Ion: 50 Resp: 31250
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4



#4
Vinyl Chloride
Concen: 23.350 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.012 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion: 62 Resp: 40412
Ion Ratio Lower Upper
62 100
64 30.2 26.1 39.1

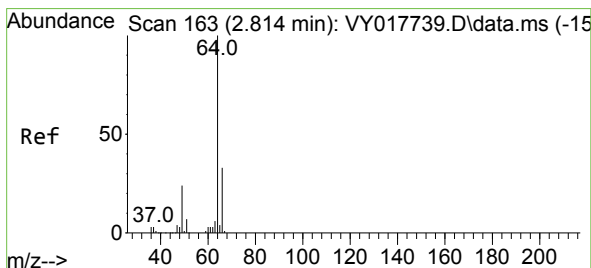
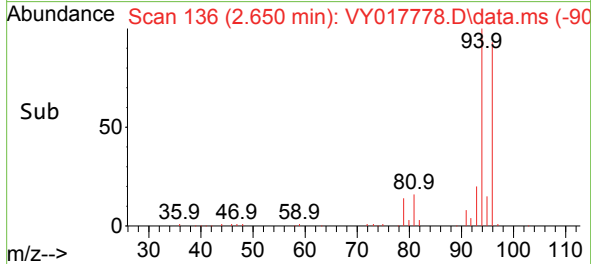
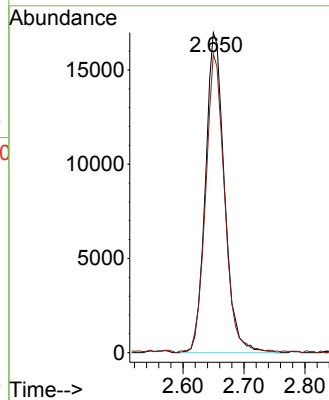
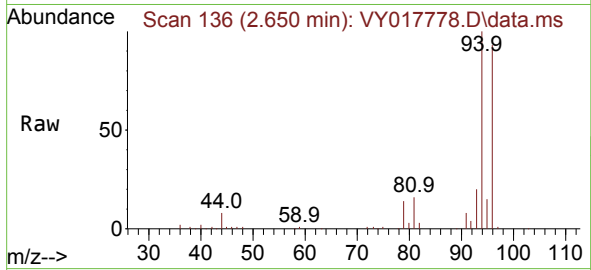




#5
Bromomethane
Concen: 27.184 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

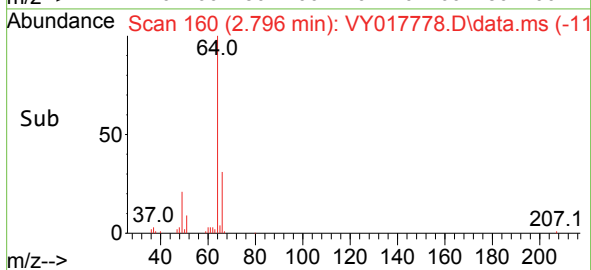
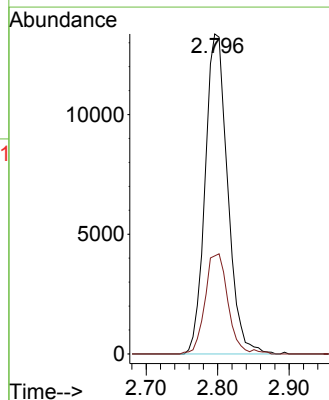
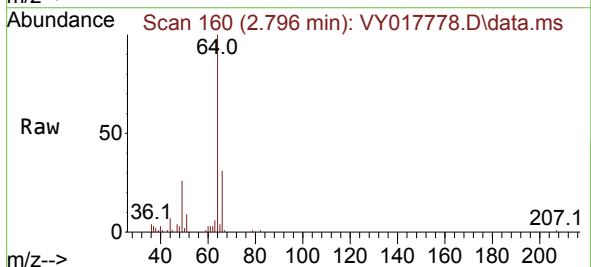
Instrument :
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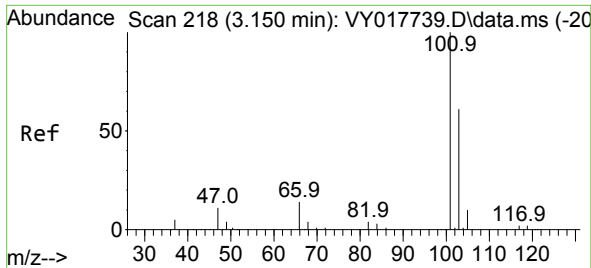
Tgt Ion: 94 Resp: 36735
Ion Ratio Lower Upper
94 100
96 93.0 74.1 111.1



#6
Chloroethane
Concen: 25.260 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.018 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion: 64 Resp: 29218
Ion Ratio Lower Upper
64 100
66 30.6 26.1 39.1

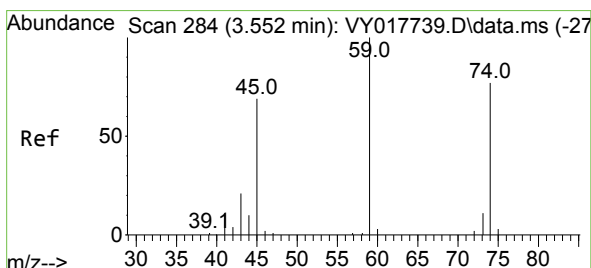
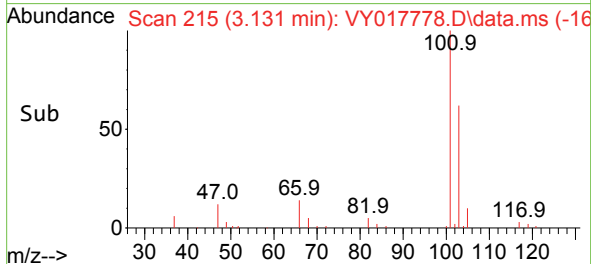
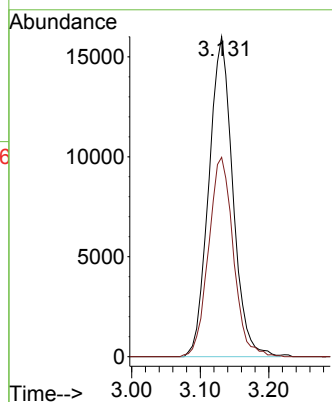
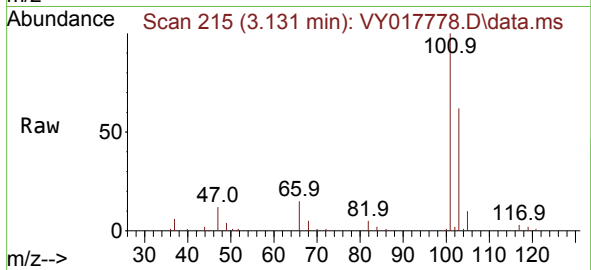




#7
Trichlorofluoromethane
Concen: 21.343 ug/l
RT: 3.131 min Scan# 218
Delta R.T. -0.018 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

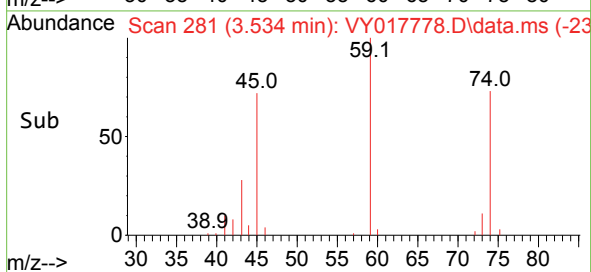
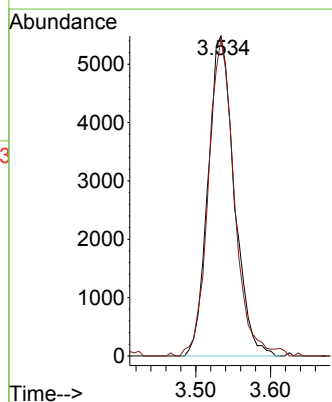
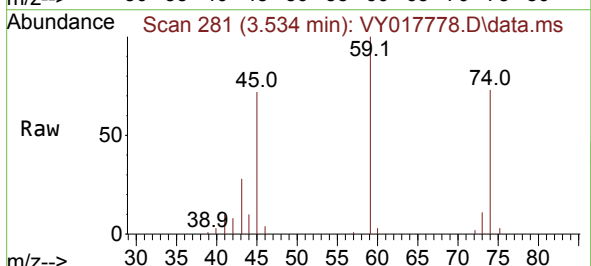
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

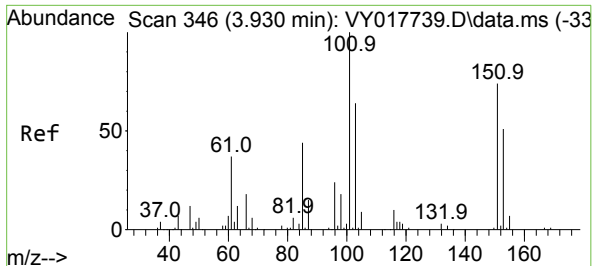
Tgt Ion:101 Resp: 38935
Ion Ratio Lower Upper
101 100
103 62.3 49.3 73.9



#8
Diethyl Ether
Concen: 22.199 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.018 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion: 74 Resp: 13351
Ion Ratio Lower Upper
74 100
45 98.6 41.3 124.1

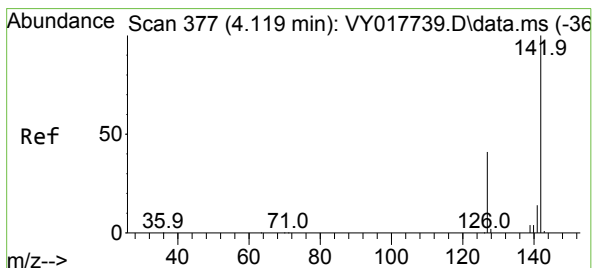
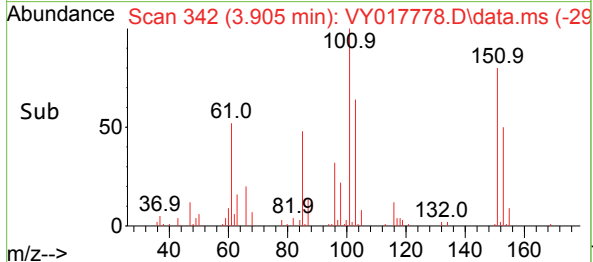
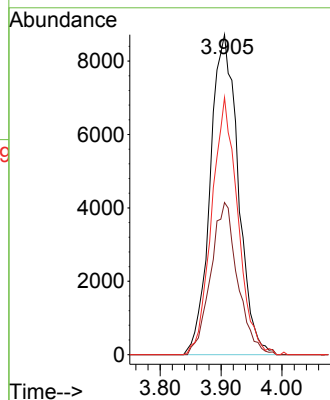
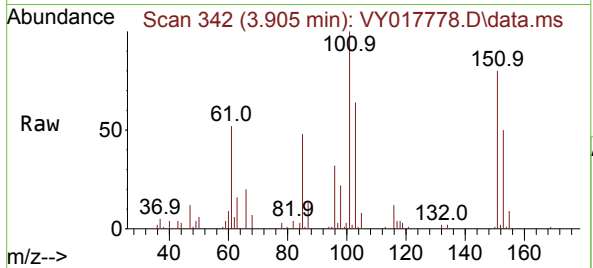




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.443 ug/l
RT: 3.905 min Scan# 34
Delta R.T. -0.024 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

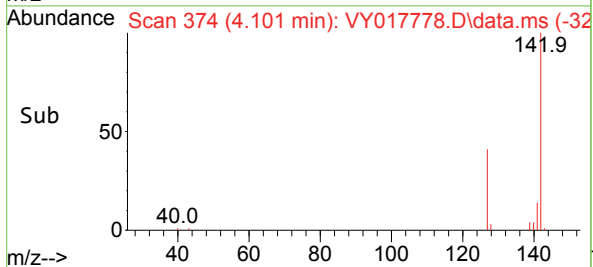
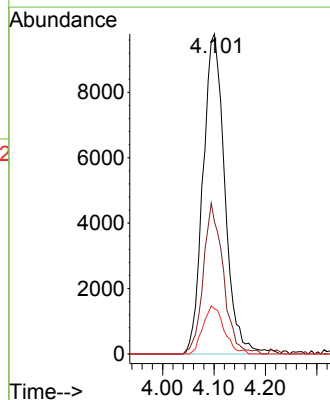
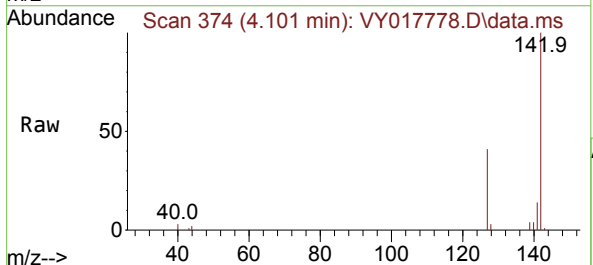
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

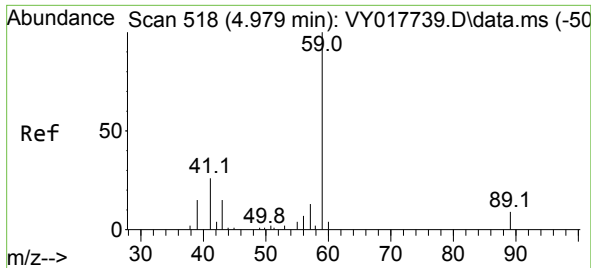
Tgt Ion:101 Resp: 27846
Ion Ratio Lower Upper
101 100
85 45.7 34.5 51.7
151 75.0 61.7 92.5



#10
Methyl Iodide
Concen: 18.153 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.018 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion:142 Resp: 28816
Ion Ratio Lower Upper
142 100
127 43.2 32.8 49.2
141 14.5 11.4 17.2

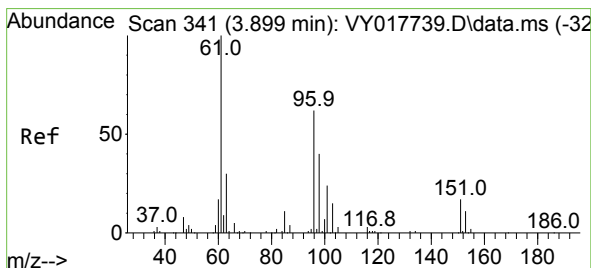
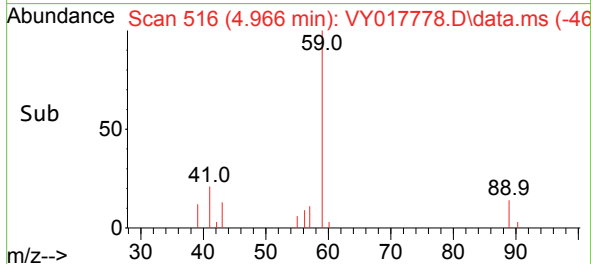
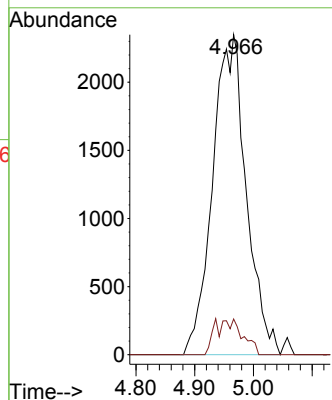
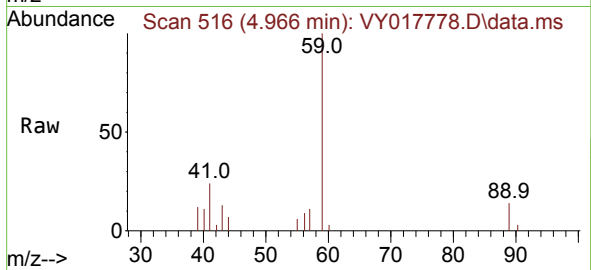




#11
Tert butyl alcohol
Concen: 125.934 ug/l
RT: 4.966 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

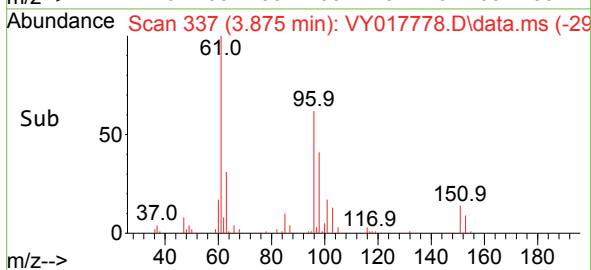
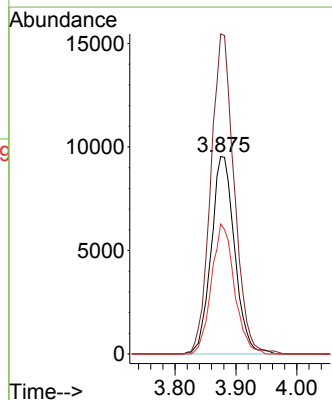
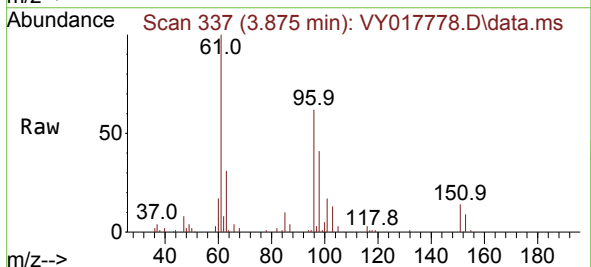
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

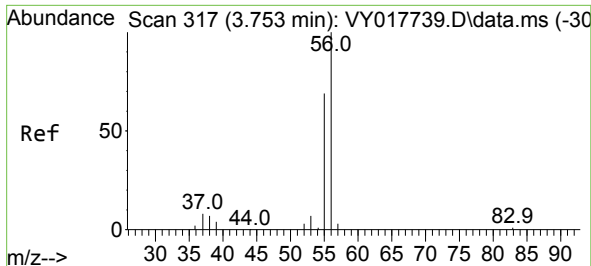
Tgt Ion: 59 Resp: 9340
Ion Ratio Lower Upper
59 100
57 6.7 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 20.886 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.024 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion: 96 Resp: 25512
Ion Ratio Lower Upper
96 100
61 162.1 114.6 171.8
98 65.9 50.8 76.2

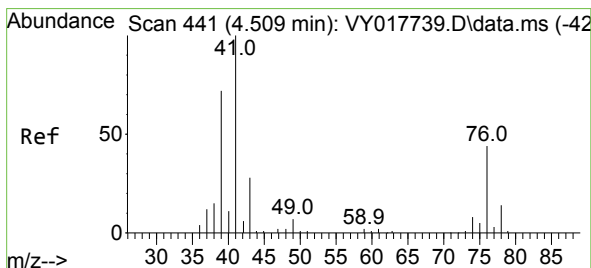
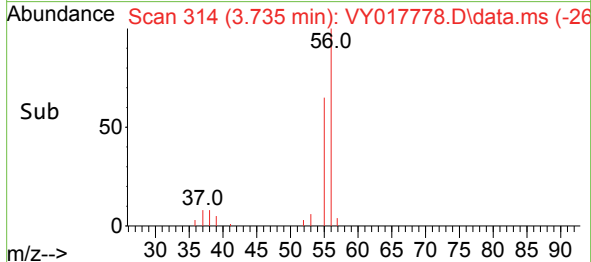
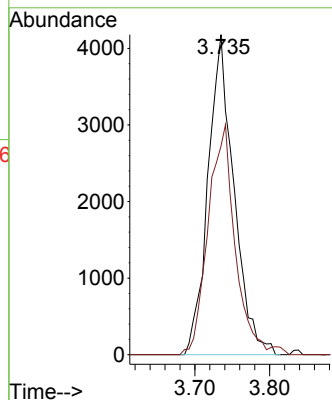
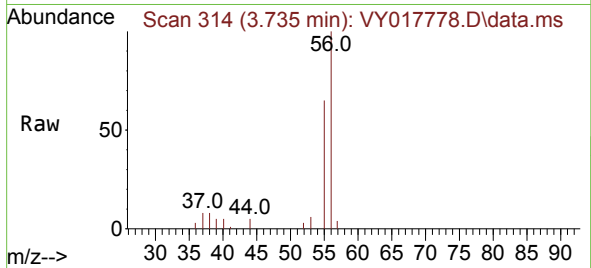




#13
Acrolein
Concen: 112.606 ug/l
RT: 3.735 min Scan# 317
Delta R.T. -0.018 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

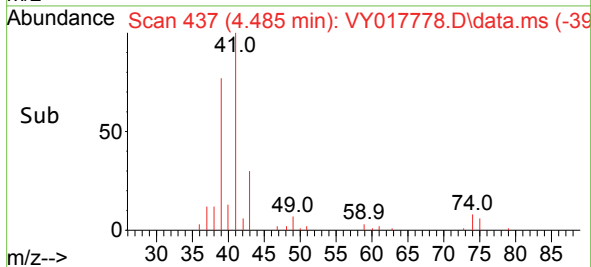
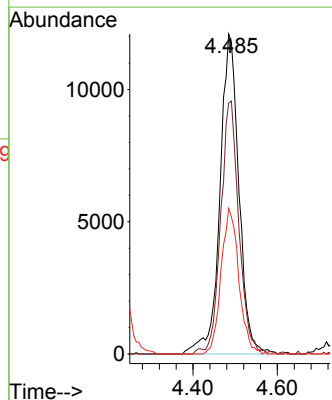
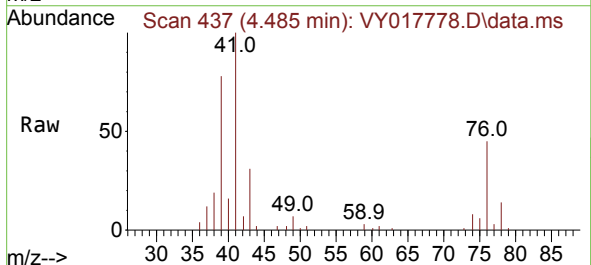
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

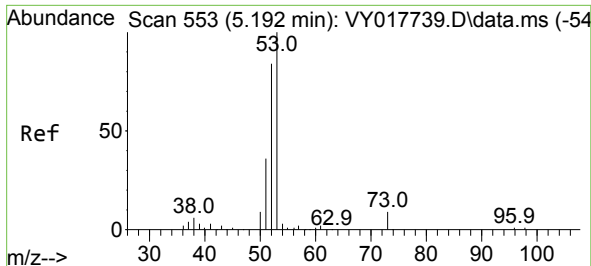
Tgt Ion: 56 Resp: 10067
Ion Ratio Lower Upper
56 100
55 74.5 55.7 83.5



#14
Allyl chloride
Concen: 22.745 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.024 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion: 41 Resp: 37653
Ion Ratio Lower Upper
41 100
39 75.8 58.3 87.5
76 42.5 39.0 58.6

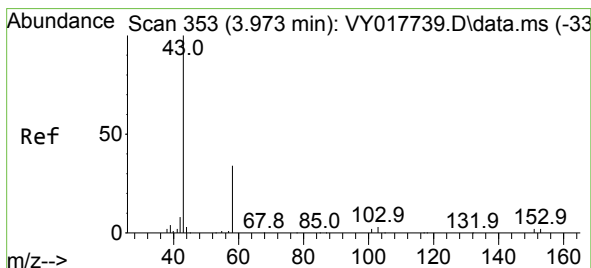
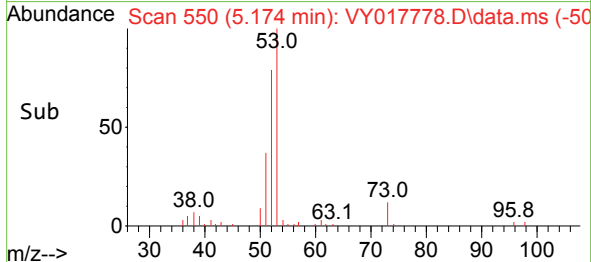
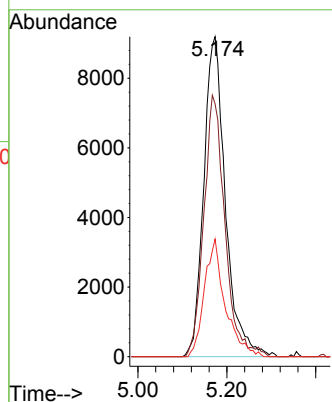
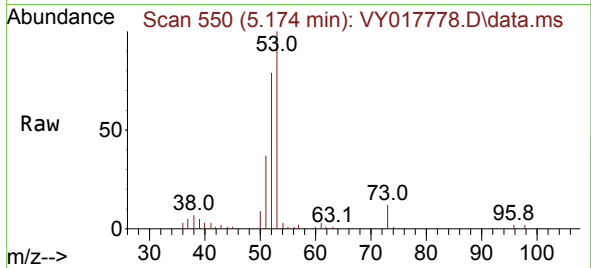




#15
Acrylonitrile
Concen: 125.249 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

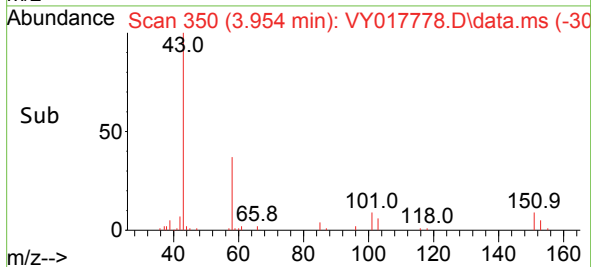
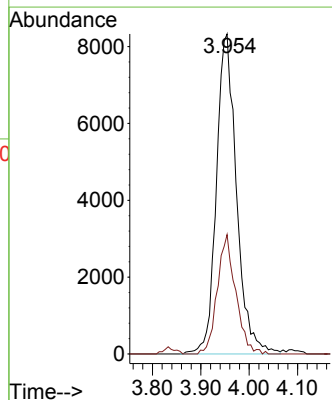
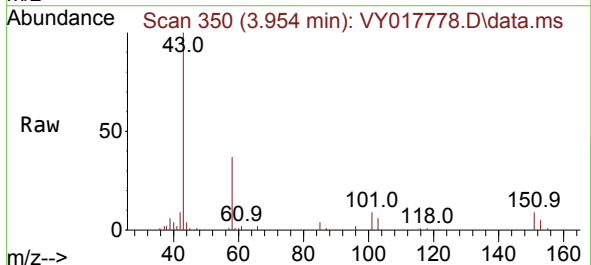
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

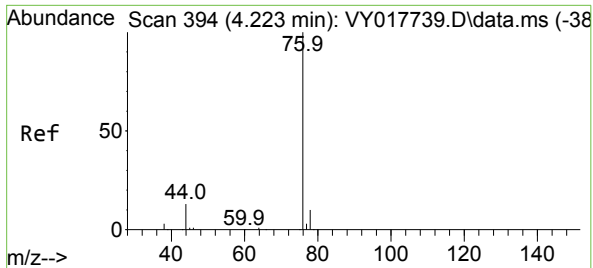
Tgt Ion:	53	Resp:	31205
Ion	Ratio	Lower	Upper
53	100		
52	79.6	64.7	97.1
51	35.4	28.4	42.6



#16
Acetone
Concen: 123.443 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.018 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion:	43	Resp:	24075
Ion	Ratio	Lower	Upper
43	100		
58	37.3	31.7	47.5





#17

Carbon Disulfide

Concen: 18.443 ug/l

RT: 4.204 min Scan# 394

Delta R.T. -0.018 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

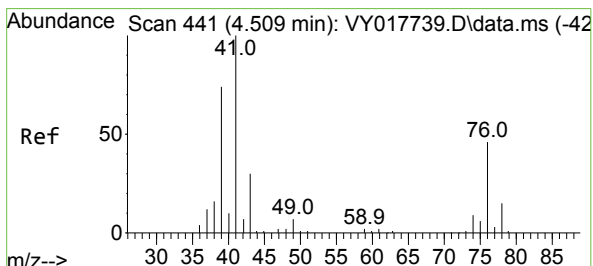
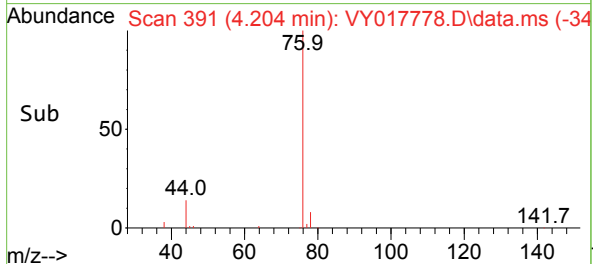
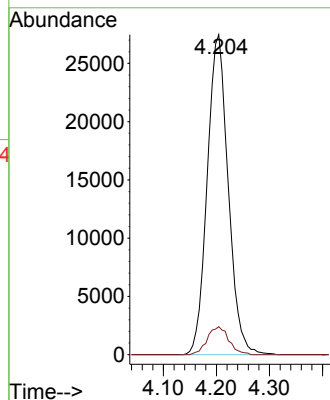
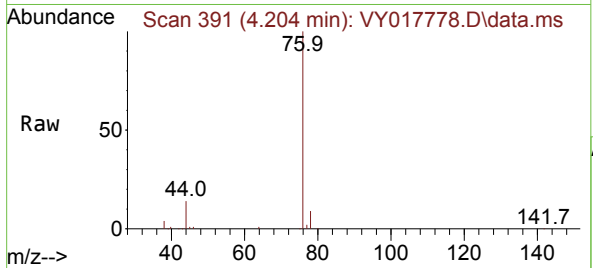
VY0327SBS01

Tgt Ion: 76 Resp: 75379

Ion Ratio Lower Upper

76 100

78 8.8 6.8 10.2



#18

Methyl Acetate

Concen: 25.316 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.018 min

Lab File: VY017778.D

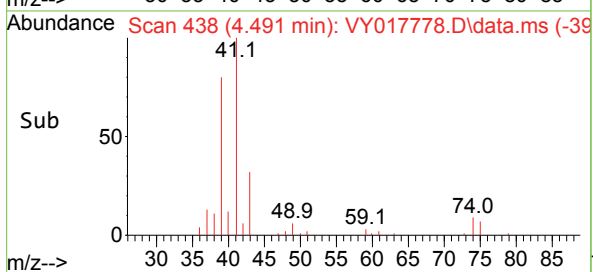
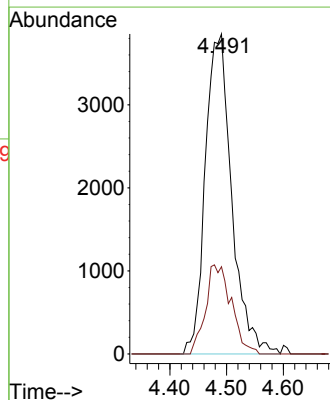
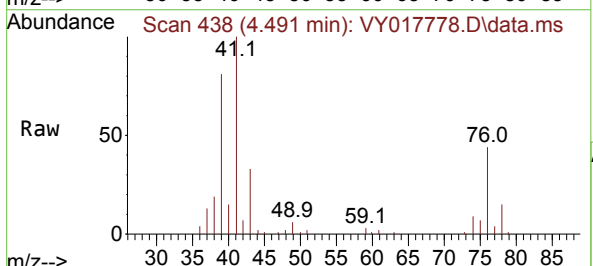
Acq: 27 Mar 2024 13:53

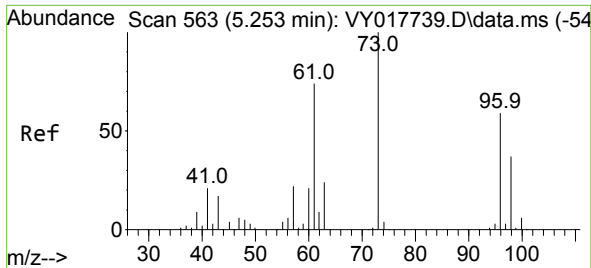
Tgt Ion: 43 Resp: 12431

Ion Ratio Lower Upper

43 100

74 27.2 23.3 34.9

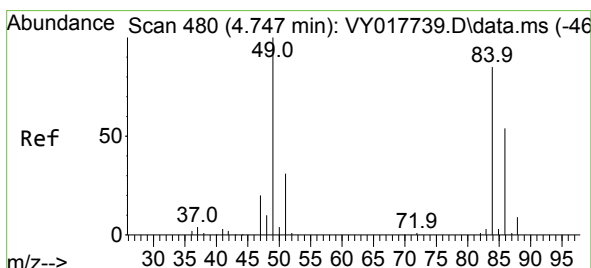
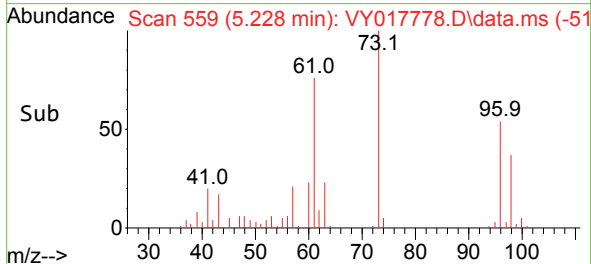
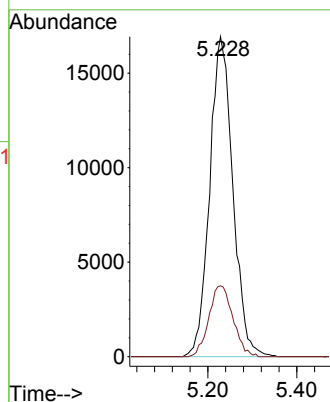
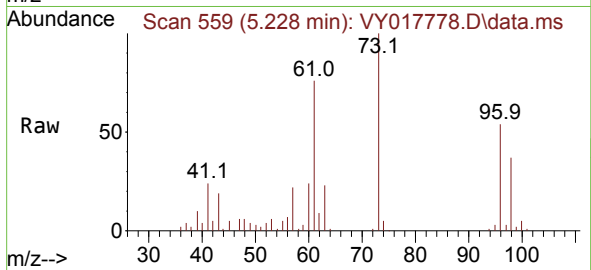




#19
Methyl tert-butyl Ether
Concen: 23.247 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

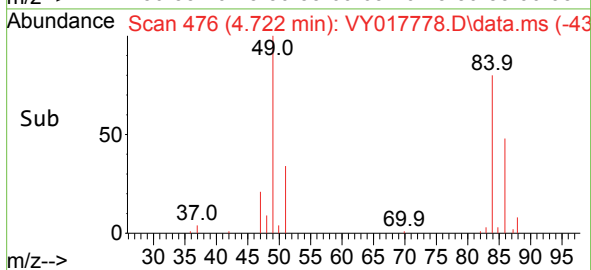
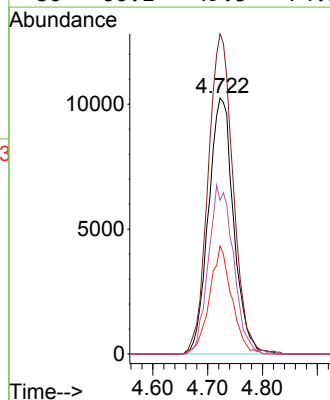
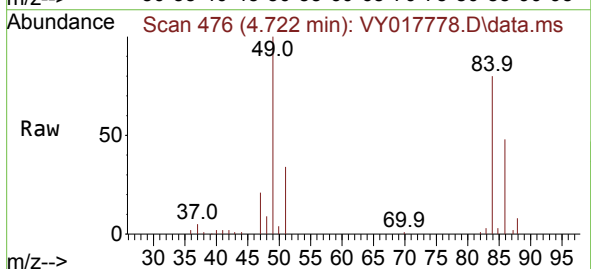
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

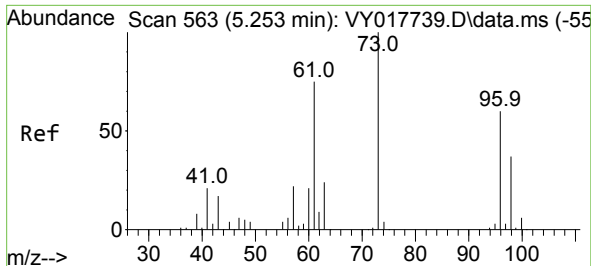
Tgt Ion: 73 Resp: 61226
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 23.054 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.024 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion: 84 Resp: 32699
Ion Ratio Lower Upper
84 100
49 125.1 84.4 126.6
51 42.3 26.0 39.0#
86 60.1 49.5 74.3

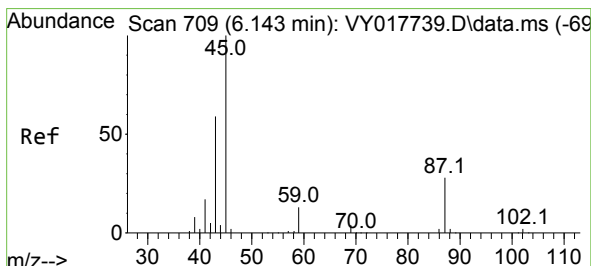
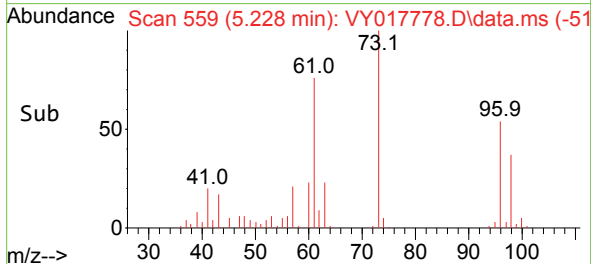
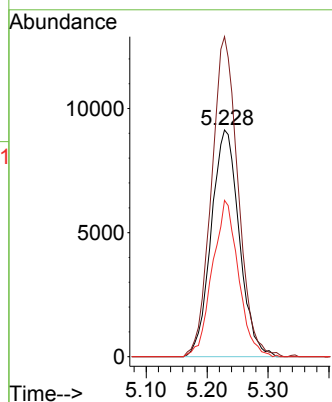
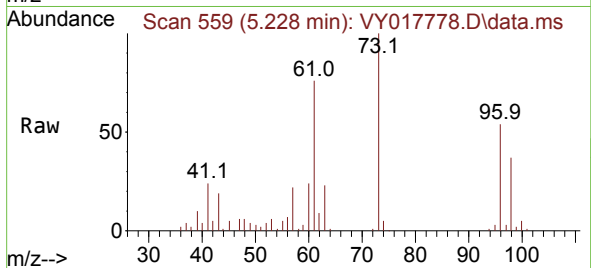




#21
trans-1,2-Dichloroethene
Concen: 20.981 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

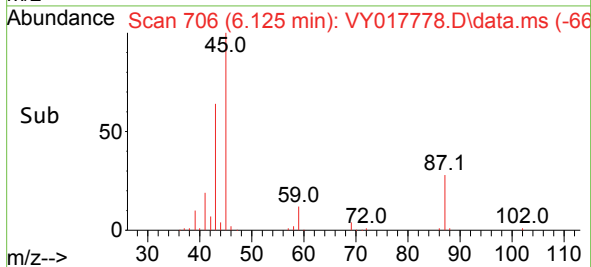
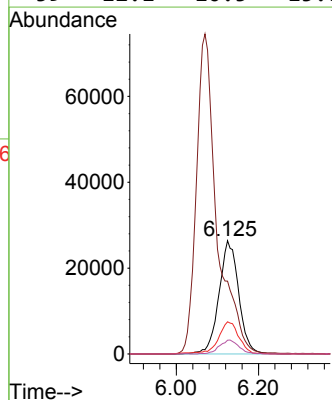
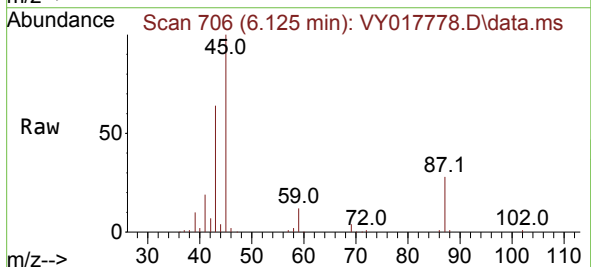
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

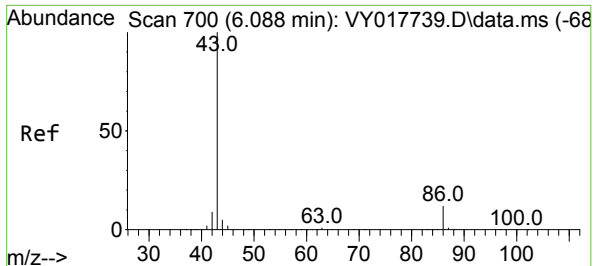
Tgt Ion: 96 Resp: 29217
Ion Ratio Lower Upper
96 100
61 141.2 97.5 146.3
98 69.0 50.5 75.7



#22
Diisopropyl ether
Concen: 24.320 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.018 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion: 45 Resp: 87660
Ion Ratio Lower Upper
45 100
43 63.6 42.2 63.2#
87 28.4 25.0 37.6
59 12.1 10.5 15.7

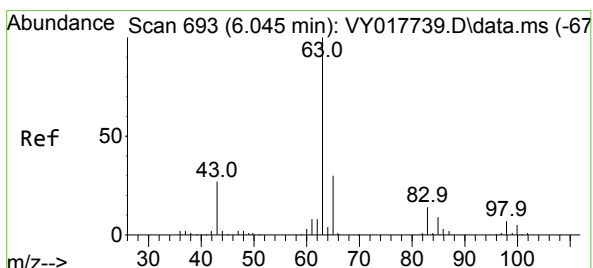
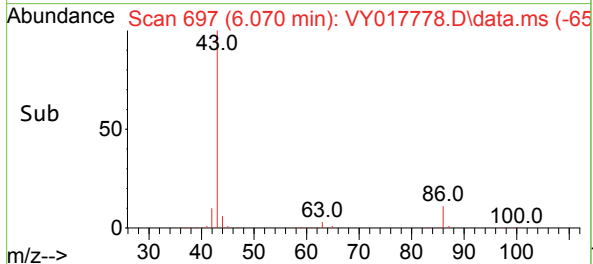
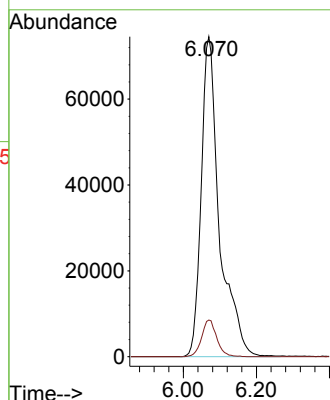
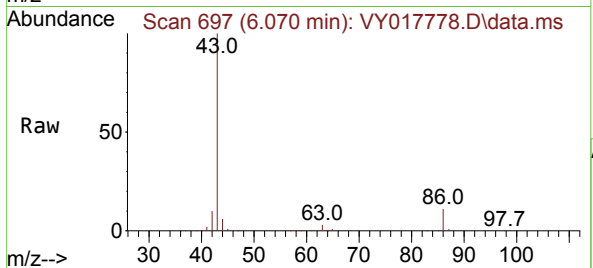




#23
 Vinyl Acetate
 Concen: 121.888 ug/l
 RT: 6.070 min Scan# 61
 Delta R.T. -0.018 min
 Lab File: VY017778.D
 Acq: 27 Mar 2024 13:53

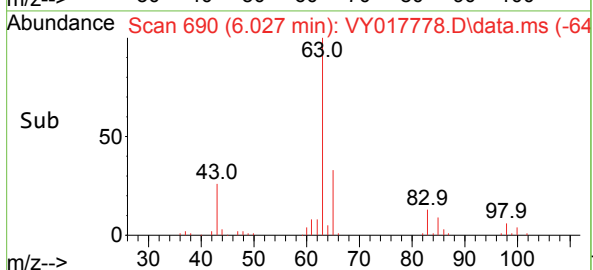
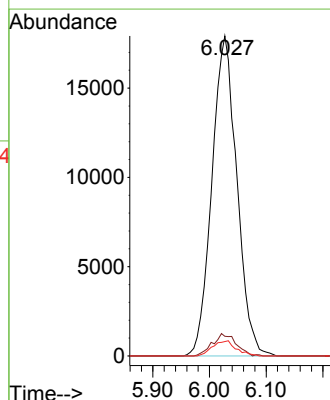
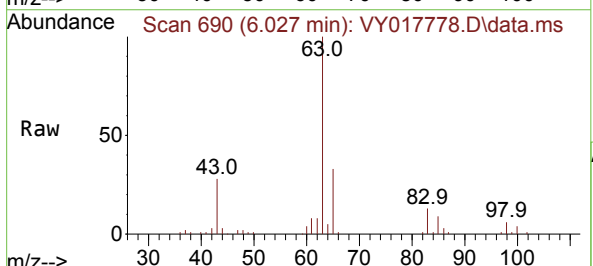
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

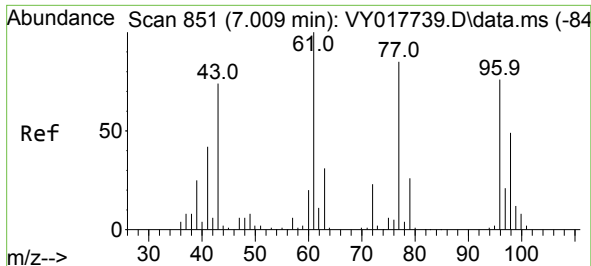
Tgt Ion: 43 Resp: 258040
 Ion Ratio Lower Upper
 43 100
 86 11.4 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 23.169 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.018 min
 Lab File: VY017778.D
 Acq: 27 Mar 2024 13:53

Tgt Ion: 63 Resp: 54890
 Ion Ratio Lower Upper
 63 100
 98 6.1 4.0 12.2
 100 4.5 2.6 8.0





#25

2-Butanone

Concen: 115.373 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.013 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

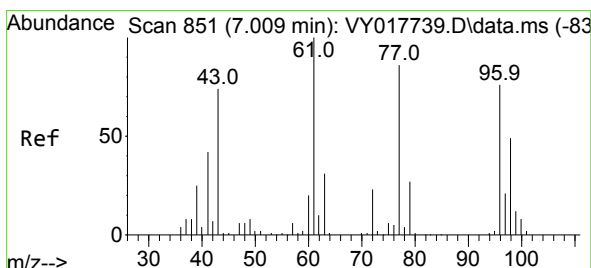
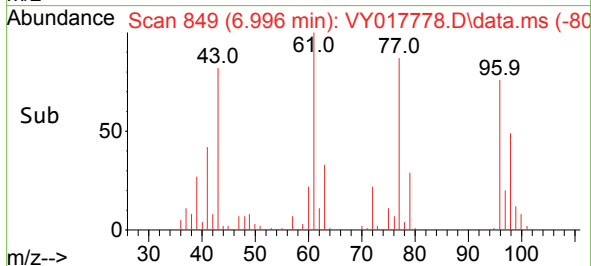
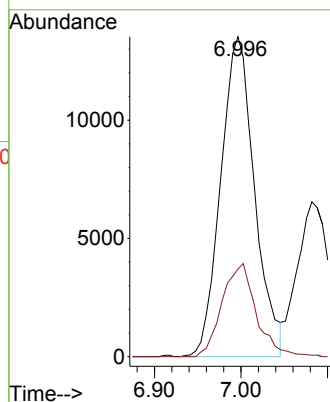
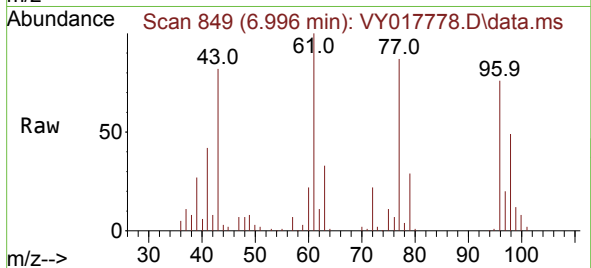
VY0327SBS01

Tgt Ion: 43 Resp: 36754

Ion Ratio Lower Upper

43 100

72 27.4 27.3 40.9



#26

2,2-Dichloropropane

Concen: 21.914 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.018 min

Lab File: VY017778.D

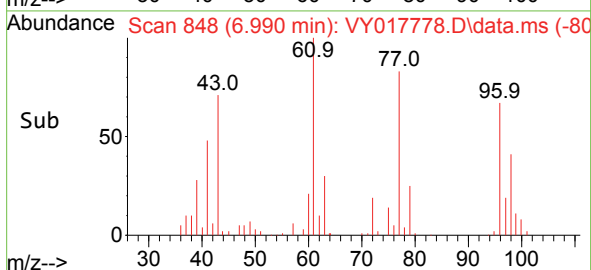
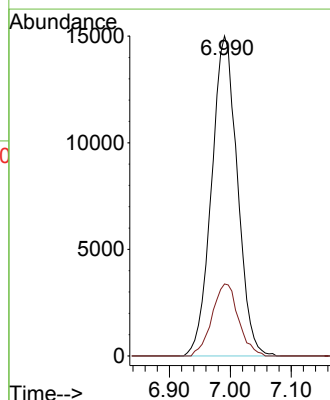
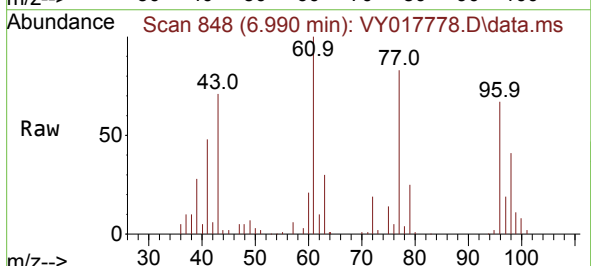
Acq: 27 Mar 2024 13:53

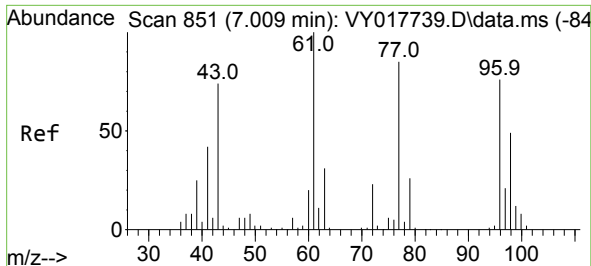
Tgt Ion: 77 Resp: 44129

Ion Ratio Lower Upper

77 100

97 23.0 12.0 36.1

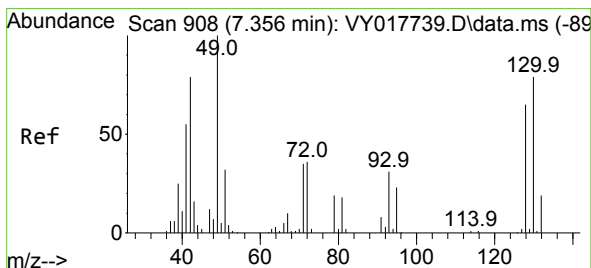
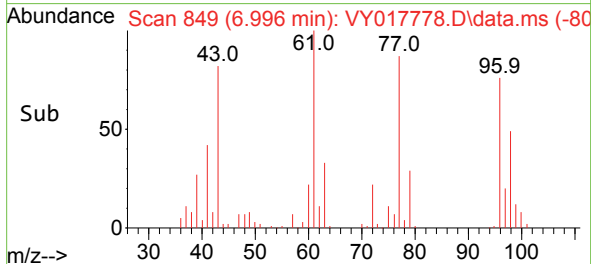
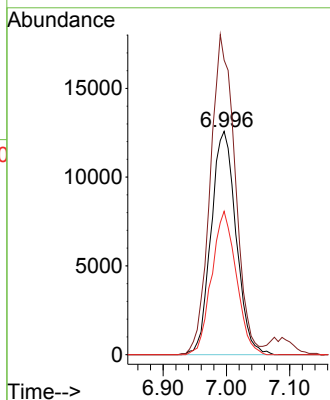
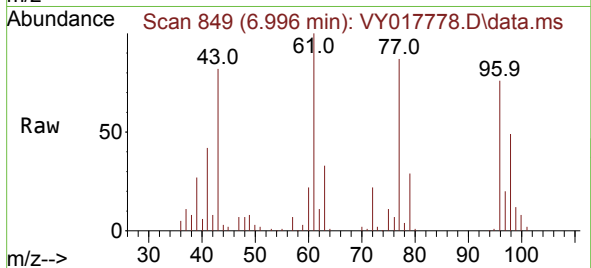




#27
cis-1,2-Dichloroethene
Concen: 21.898 ug/l
RT: 6.996 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

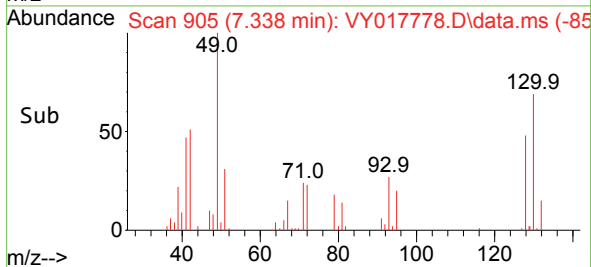
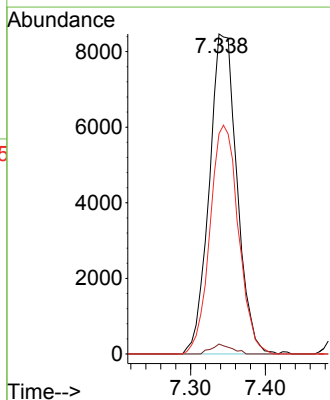
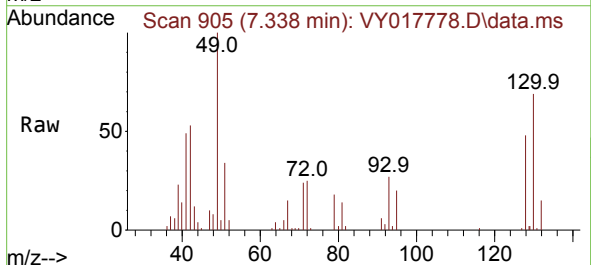
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

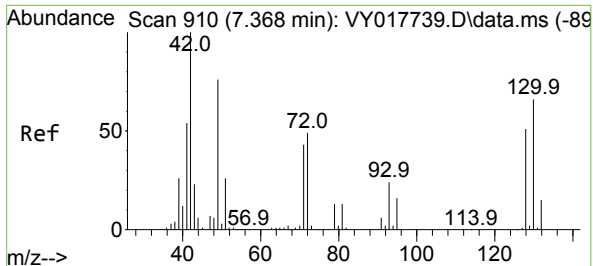
Tgt Ion: 96 Resp: 34492
Ion Ratio Lower Upper
96 100
61 143.1 0.0 256.2
98 63.4 0.0 130.0



#28
Bromochloromethane
Concen: 23.772 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.018 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion: 49 Resp: 21833
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 73.3 72.7 109.1





#29

Tetrahydrofuran

Concen: 117.037 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

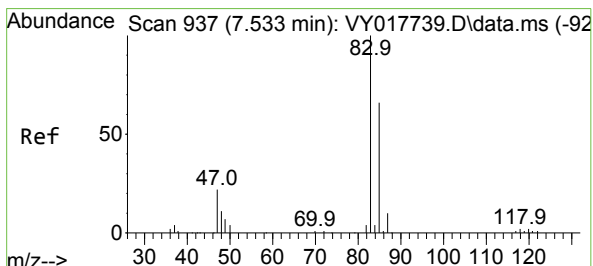
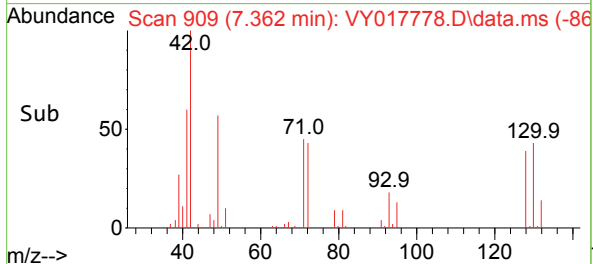
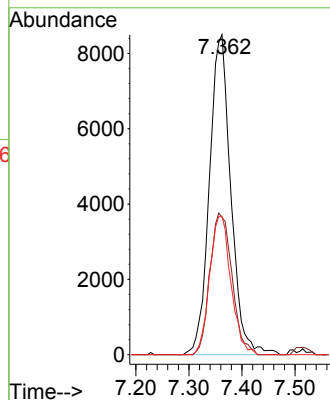
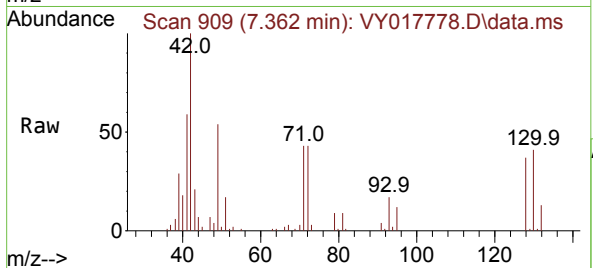
Tgt Ion: 42 Resp: 23892

Ion Ratio Lower Upper

42 100

72 45.5 43.0 64.4

71 42.9 40.8 61.2



#30

Chloroform

Concen: 22.798 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.018 min

Lab File: VY017778.D

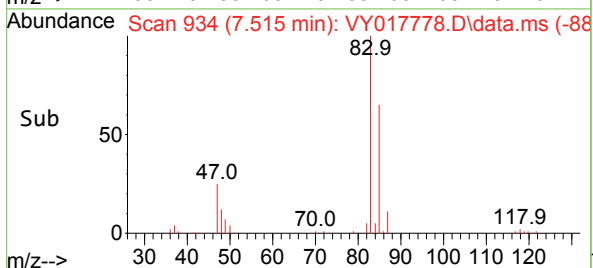
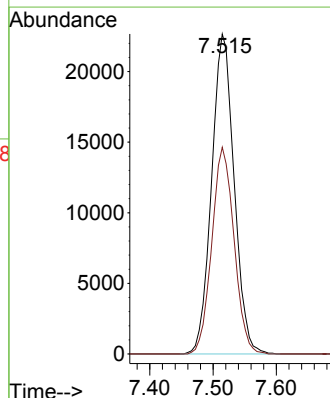
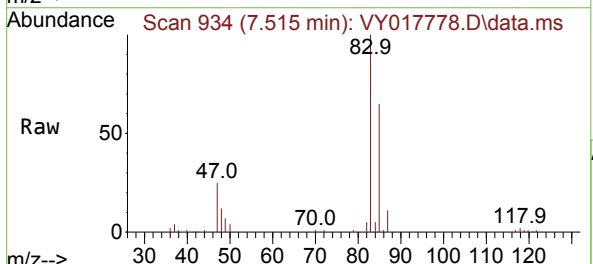
Acq: 27 Mar 2024 13:53

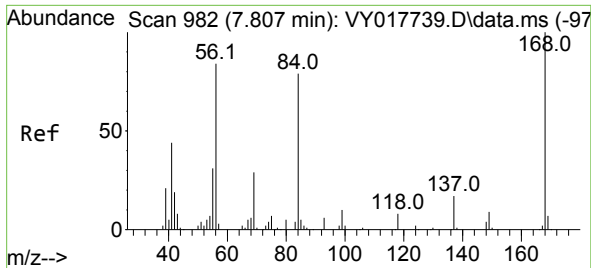
Tgt Ion: 83 Resp: 55992

Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.4

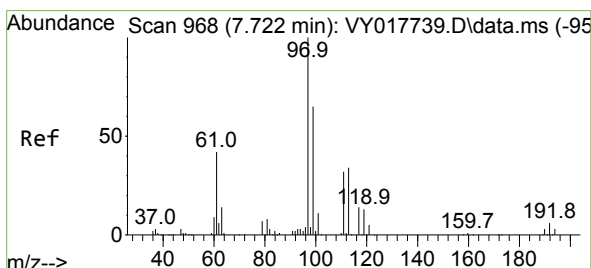
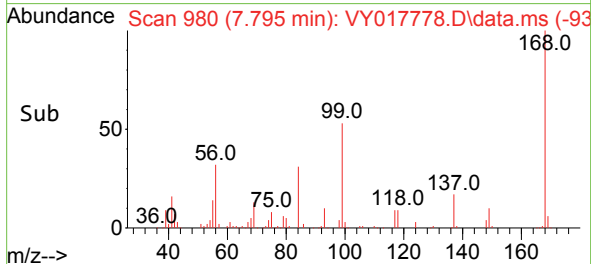
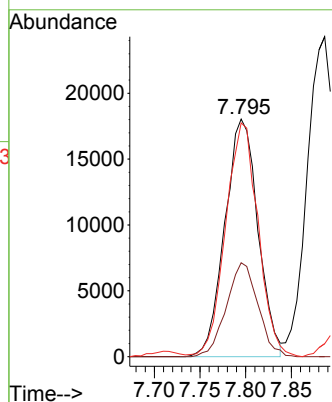
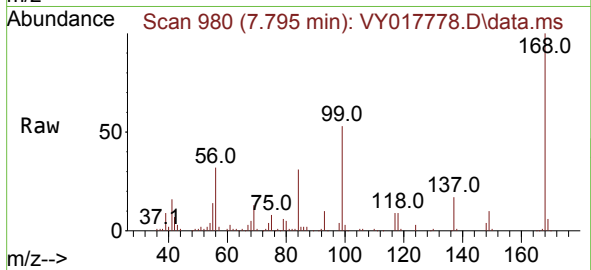




#31
Cyclohexane
Concen: 20.611 ug/l
RT: 7.795 min Scan# 982
Delta R.T. -0.012 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

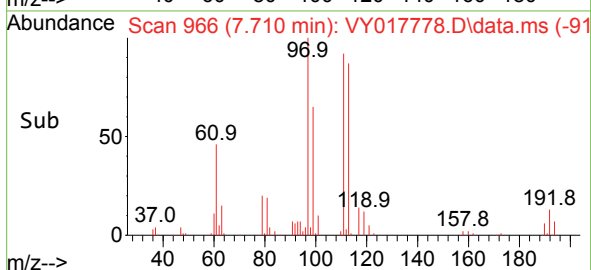
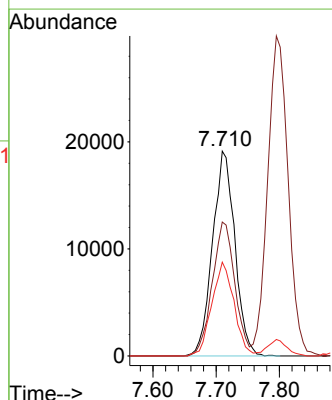
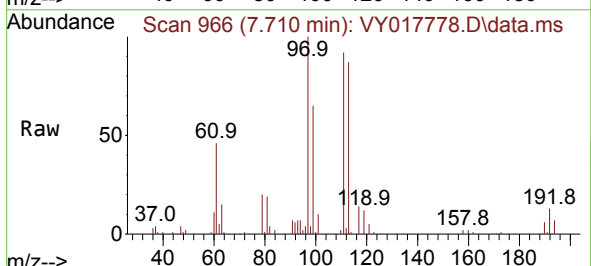
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

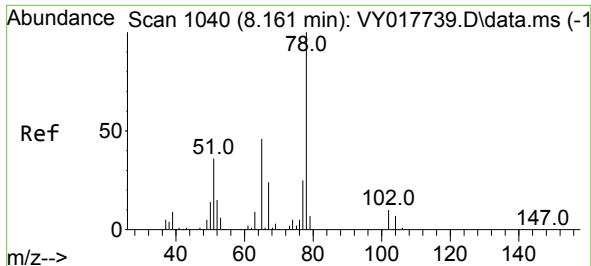
Tgt Ion: 56 Resp: 45455
Ion Ratio Lower Upper
56 100
69 39.5 28.7 43.1
84 97.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.905 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion: 97 Resp: 46854
Ion Ratio Lower Upper
97 100
99 65.8 50.3 75.5
61 45.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 61.596 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

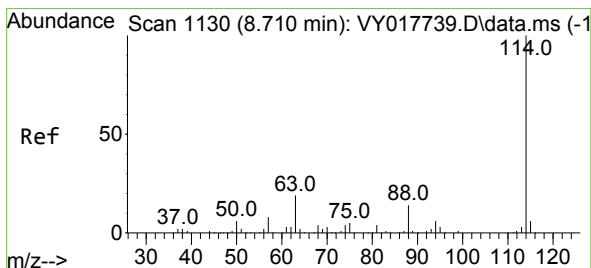
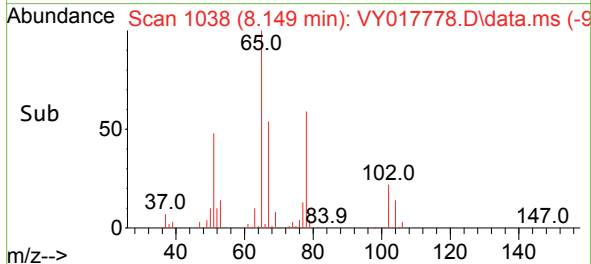
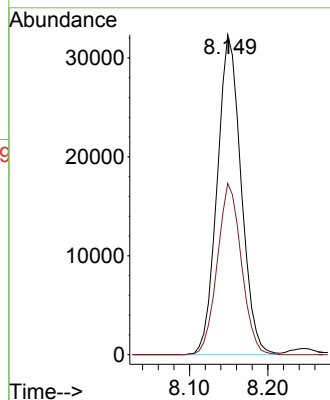
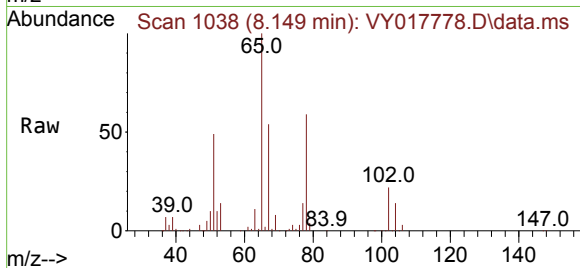
VY0327SBS01

Tgt Ion: 65 Resp: 68682

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.012 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

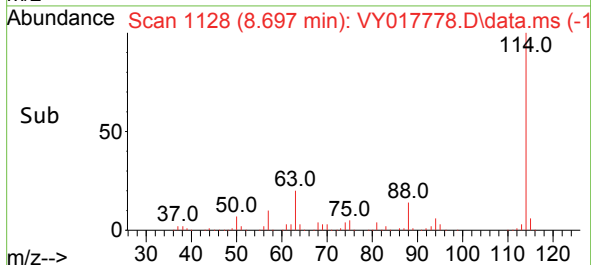
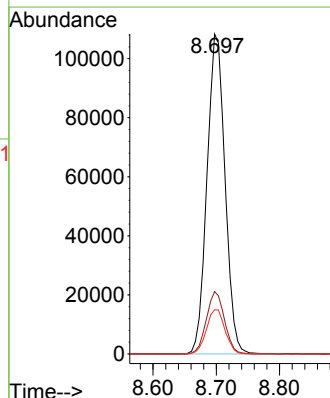
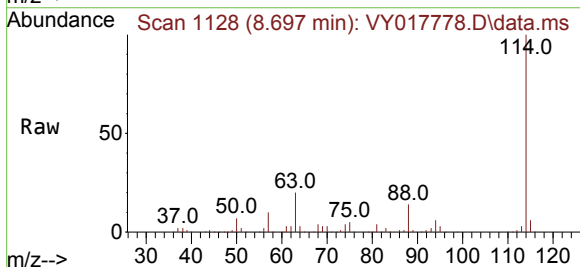
Tgt Ion: 114 Resp: 214846

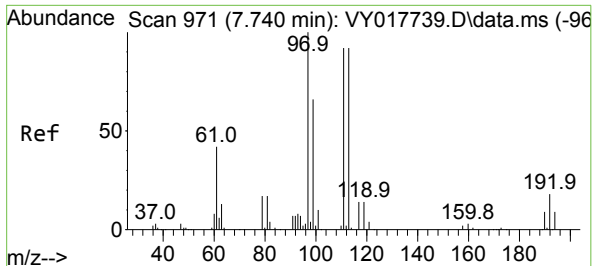
Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.0

88 13.8 0.0 27.2

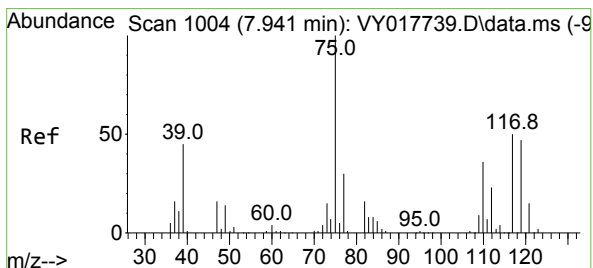
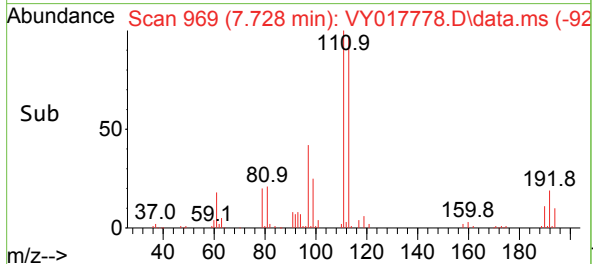
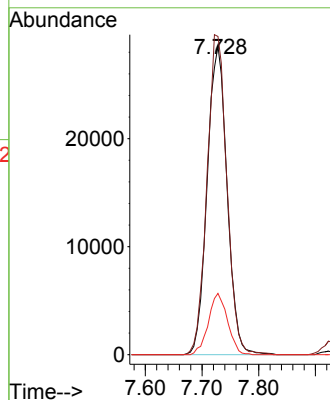
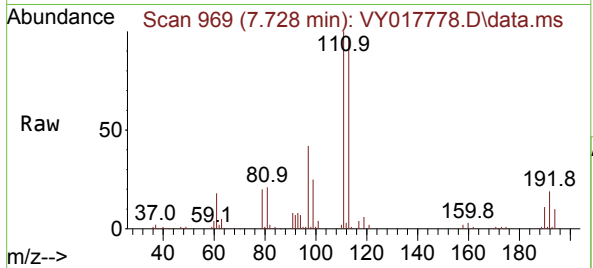




#35
Dibromofluoromethane
Concen: 54.217 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

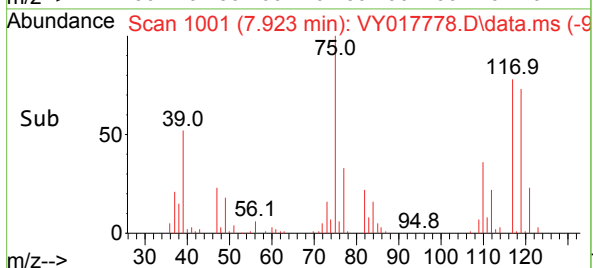
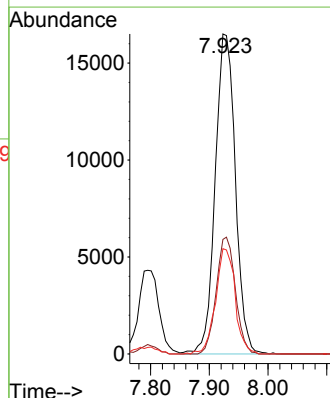
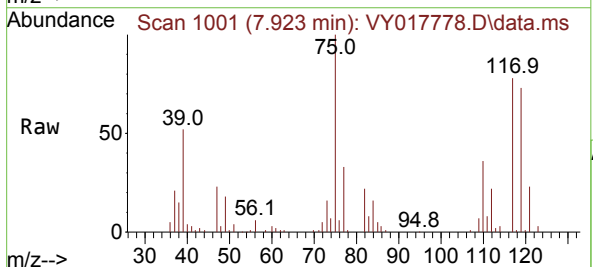
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

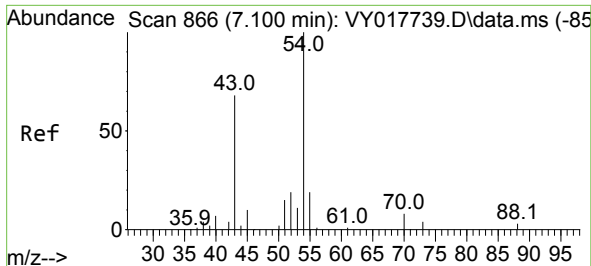
Tgt Ion:113 Resp: 69628
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 19.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.847 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.018 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion: 75 Resp: 39377
Ion Ratio Lower Upper
75 100
110 34.6 19.0 57.0
77 31.9 25.3 37.9





#37

Ethyl Acetate

Concen: 24.686 ug/l

RT: 7.082 min Scan# 80

Delta R.T. -0.018 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

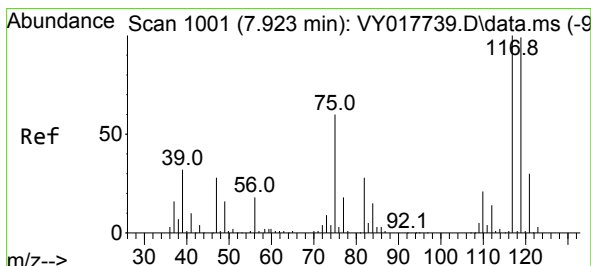
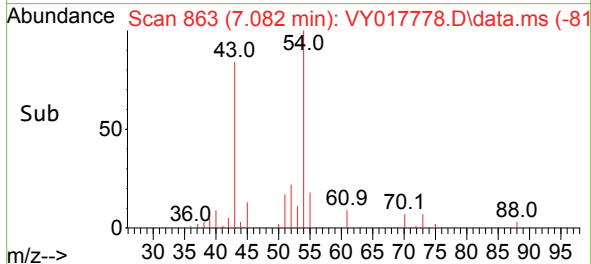
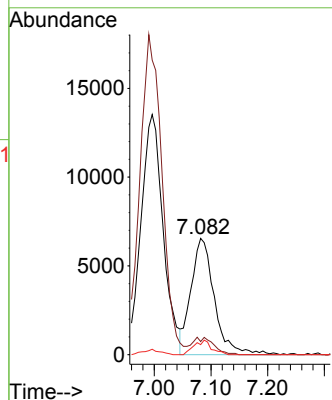
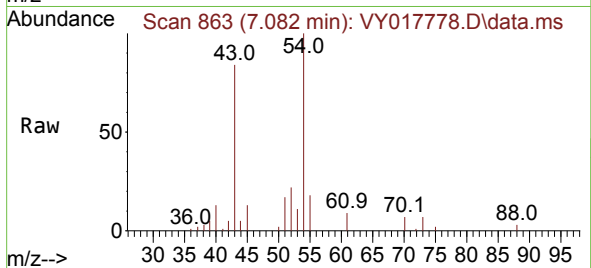
Tgt Ion: 43 Resp: 18820

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 9.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.759 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.012 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

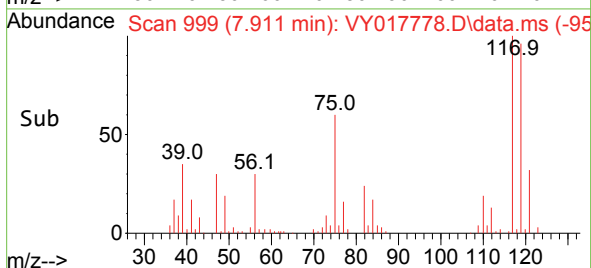
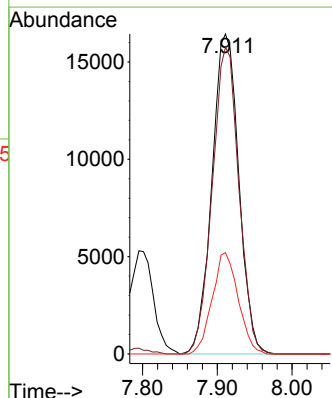
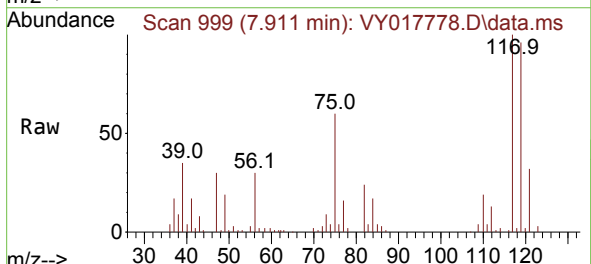
Tgt Ion: 117 Resp: 41048

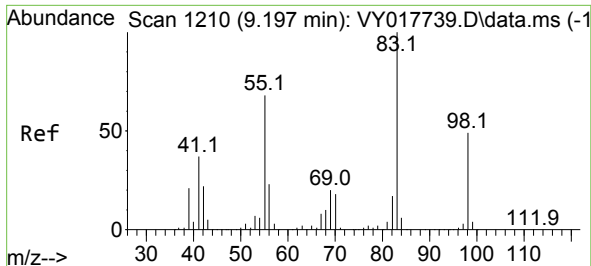
Ion Ratio Lower Upper

117 100

119 95.9 75.8 113.6

121 31.6 24.0 36.0





#39

Methylcyclohexane

Concen: 18.949 ug/l

RT: 9.191 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

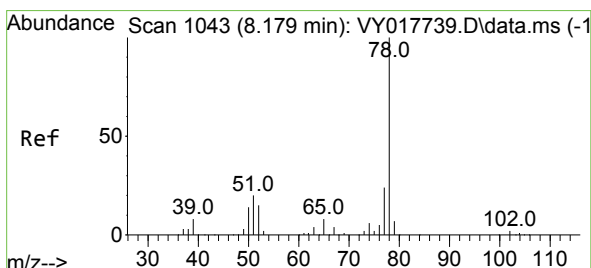
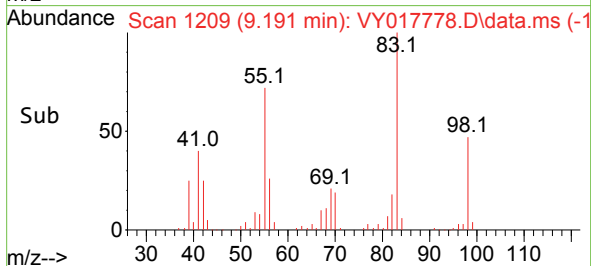
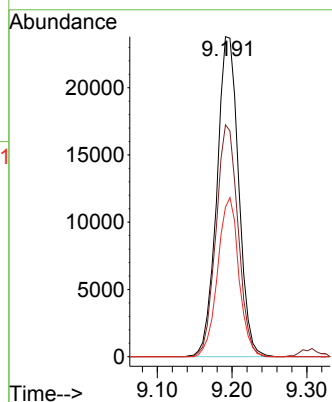
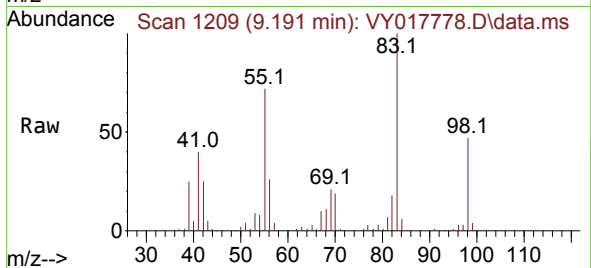
Tgt Ion: 83 Resp: 48262

Ion Ratio Lower Upper

83 100

55 72.4 51.5 77.3

98 46.8 40.5 60.7



#40

Benzene

Concen: 21.068 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VY017778.D

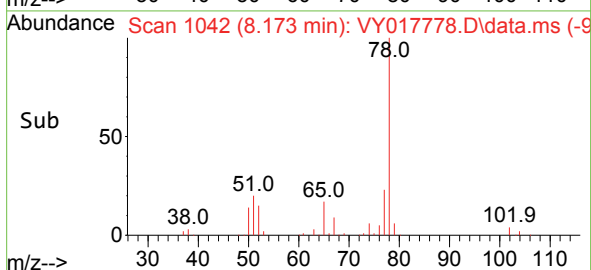
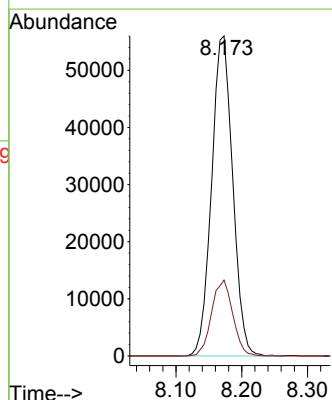
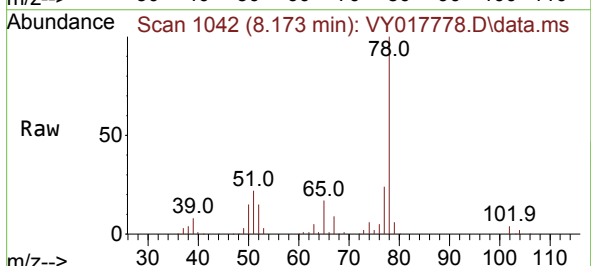
Acq: 27 Mar 2024 13:53

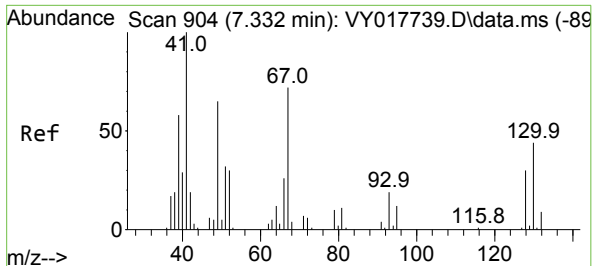
Tgt Ion: 78 Resp: 125125

Ion Ratio Lower Upper

78 100

77 23.7 19.5 29.3

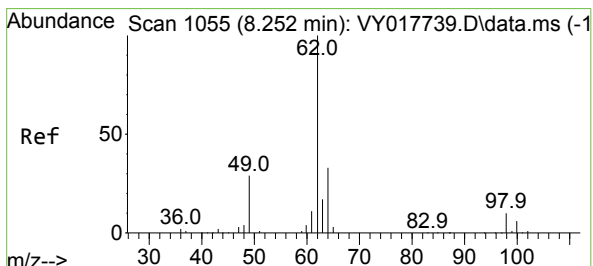
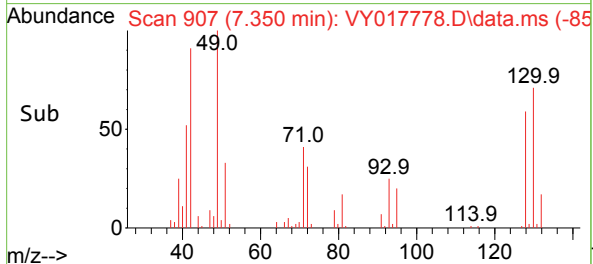
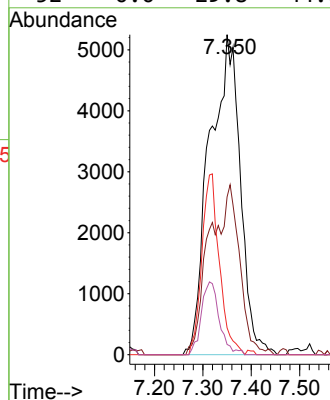
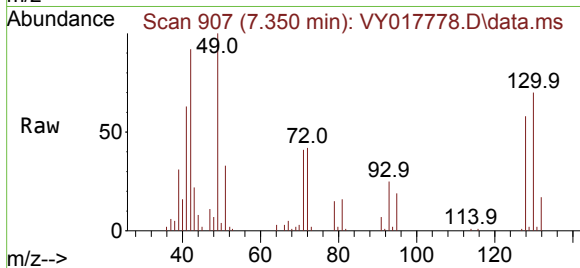




#41
Methacrylonitrile
Concen: 61.392 ug/l
RT: 7.350 min Scan# 904
Delta R.T. 0.018 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

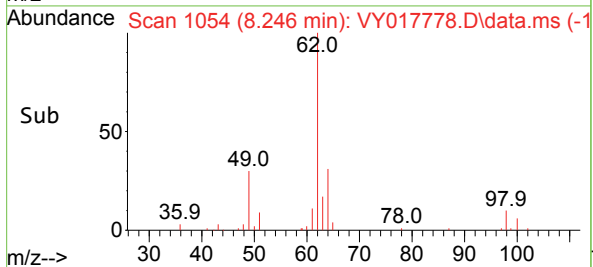
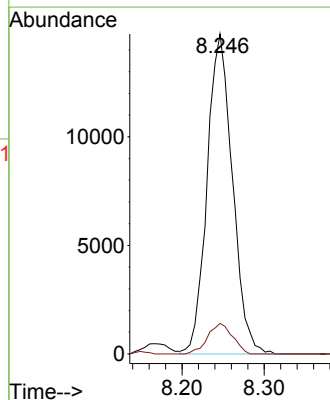
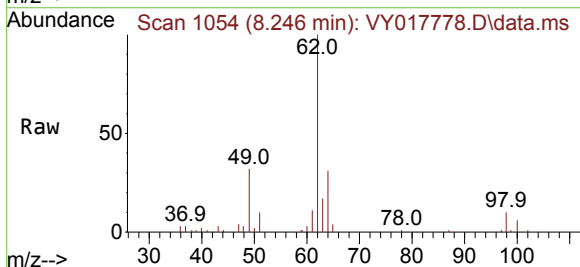
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

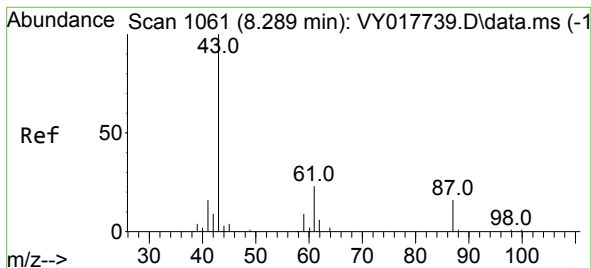
Tgt Ion: 41 Resp: 23120
Ion Ratio Lower Upper
41 100
39 27.3 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 22.213 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion: 62 Resp: 31599
Ion Ratio Lower Upper
62 100
98 9.4 0.0 22.0





#43

Isopropyl Acetate

Concen: 21.573 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

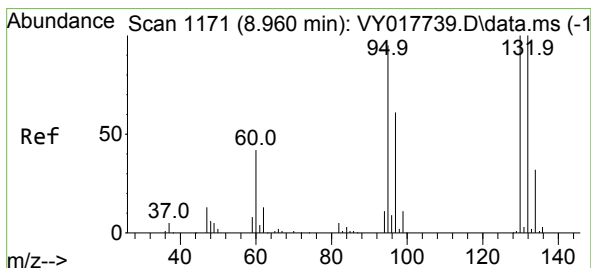
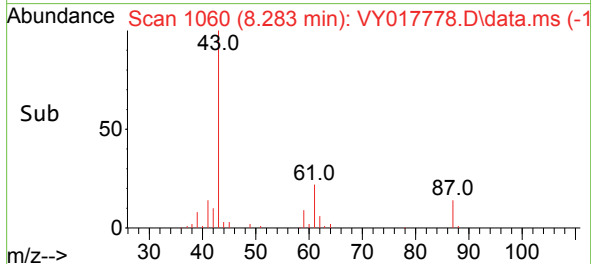
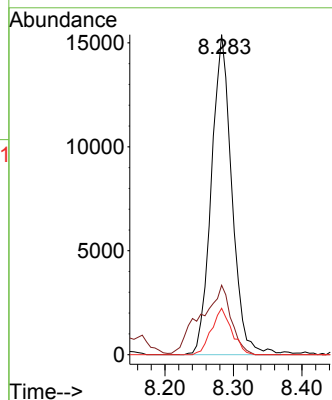
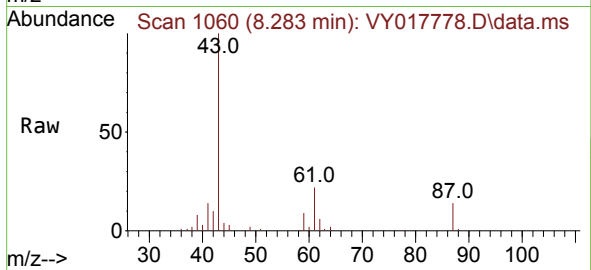
Tgt Ion: 43 Resp: 31918

Ion Ratio Lower Upper

43 100

61 32.3 27.9 41.9

87 14.2 13.1 19.7



#44

Trichloroethene

Concen: 19.862 ug/l

RT: 8.953 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VY017778.D

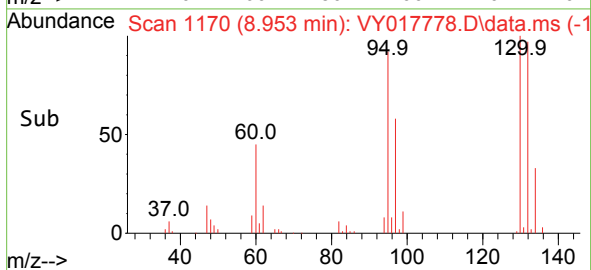
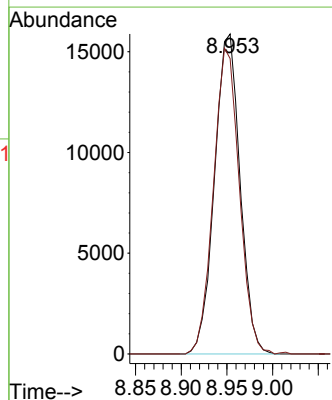
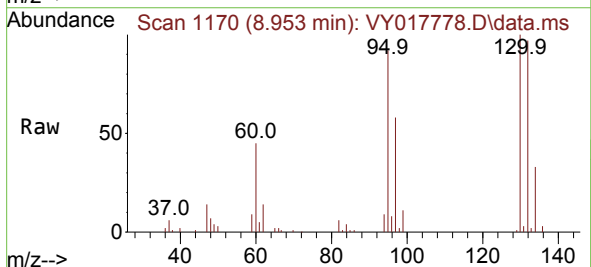
Acq: 27 Mar 2024 13:53

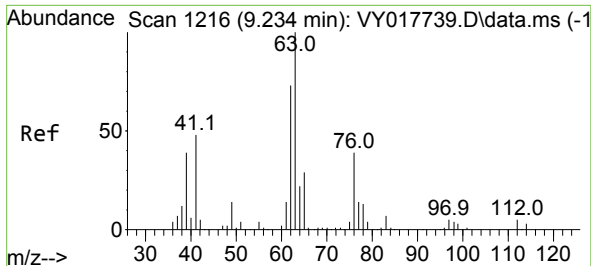
Tgt Ion:130 Resp: 30854

Ion Ratio Lower Upper

130 100

95 92.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.279 ug/l

RT: 9.222 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

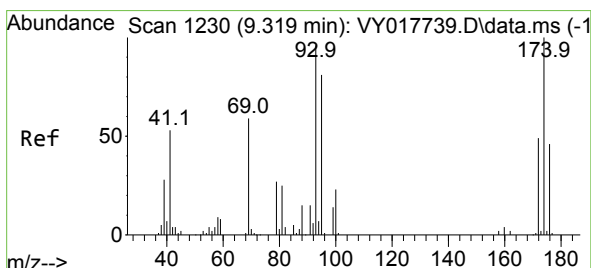
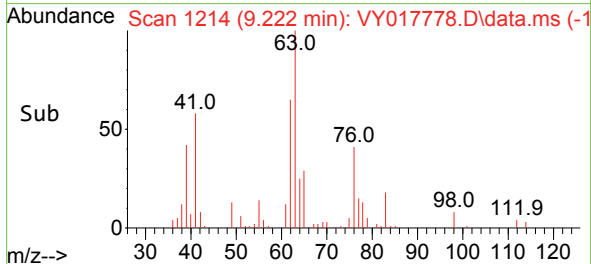
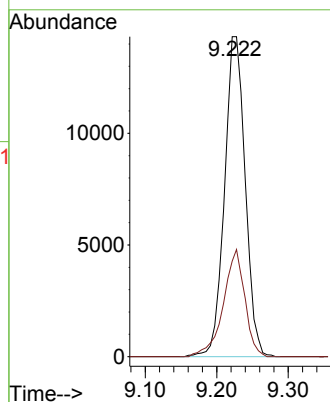
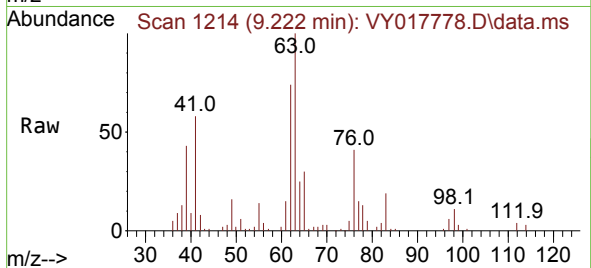
VY0327SBS01

Tgt Ion: 63 Resp: 28795

Ion Ratio Lower Upper

63 100

65 29.9 25.4 38.2



#46

Dibromomethane

Concen: 21.070 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

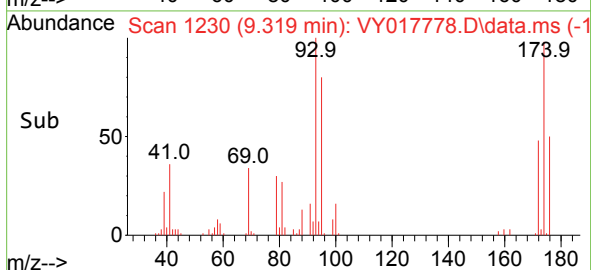
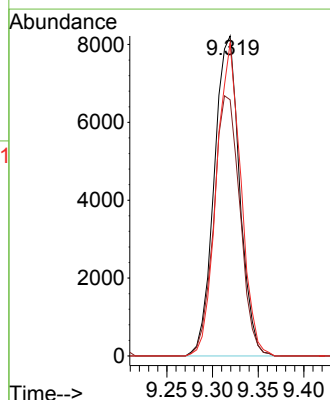
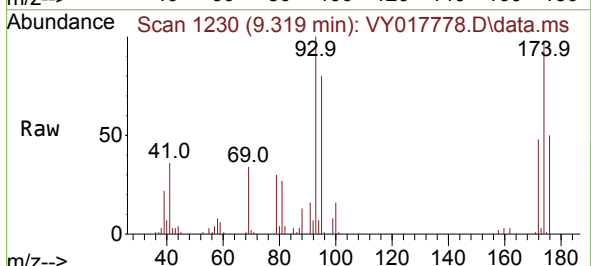
Tgt Ion: 93 Resp: 15888

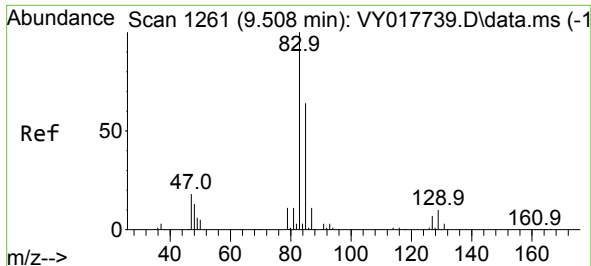
Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 94.0 80.9 121.3

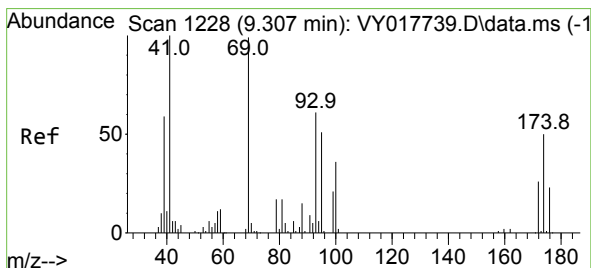
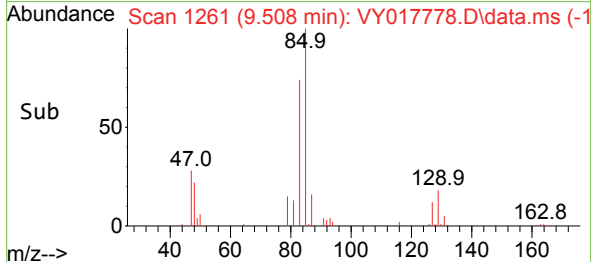
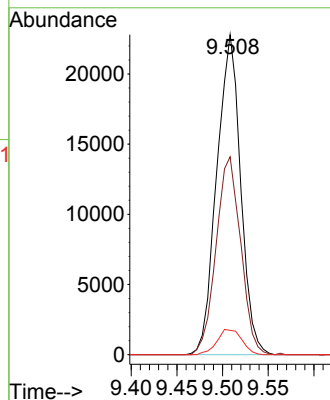
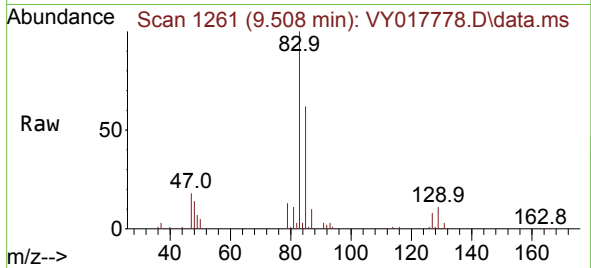




#47
Bromodichloromethane
Concen: 21.497 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

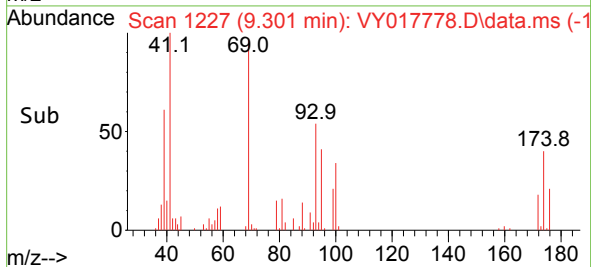
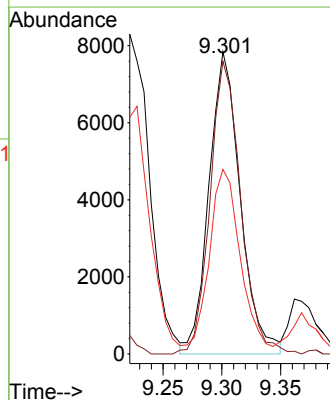
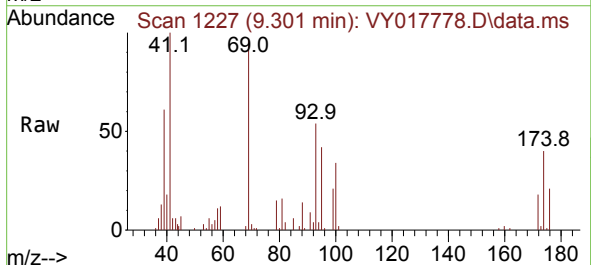
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

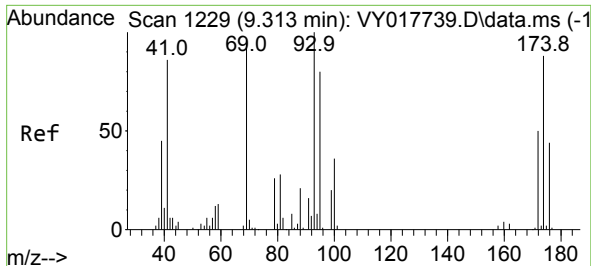
Tgt Ion:	83	Resp:	41449
Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.1	75.1
127	7.6	7.4	11.0



#48
Methyl methacrylate
Concen: 21.422 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion:	41	Resp:	14507
Ion	Ratio	Lower	Upper
41	100		
69	95.0	84.1	126.1
39	56.5	43.6	65.4





#49

1,4-Dioxane

Concen: 470.349 ug/l

RT: 9.313 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

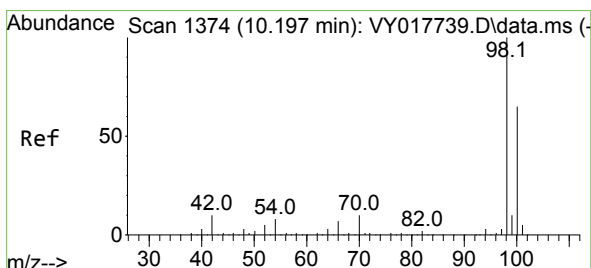
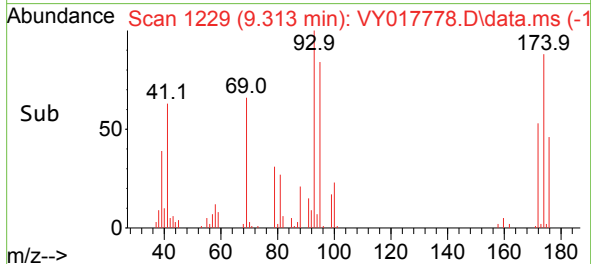
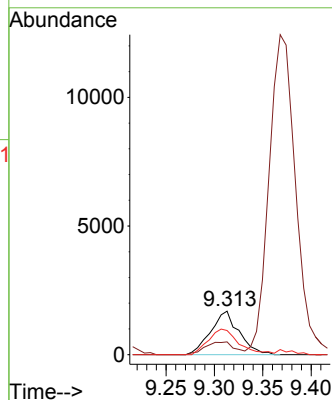
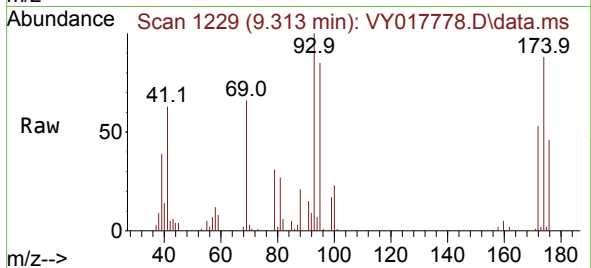
Tgt Ion: 88 Resp: 3451

Ion Ratio Lower Upper

88 100

43 30.6 0.0 0.0#

58 61.3 49.3 73.9



#50

Toluene-d8

Concen: 55.677 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.006 min

Lab File: VY017778.D

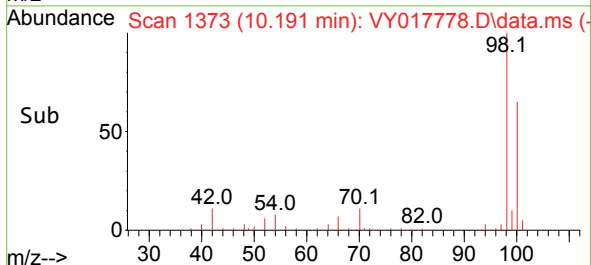
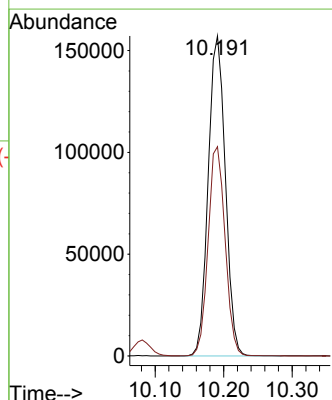
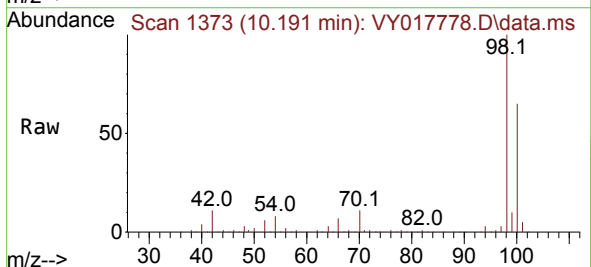
Acq: 27 Mar 2024 13:53

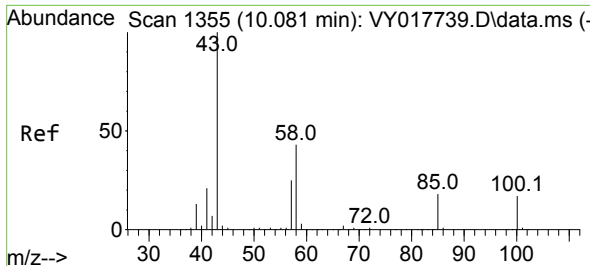
Tgt Ion: 98 Resp: 273659

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

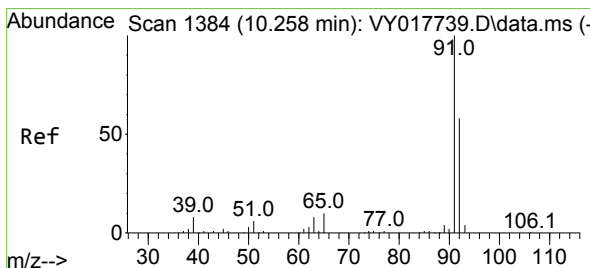
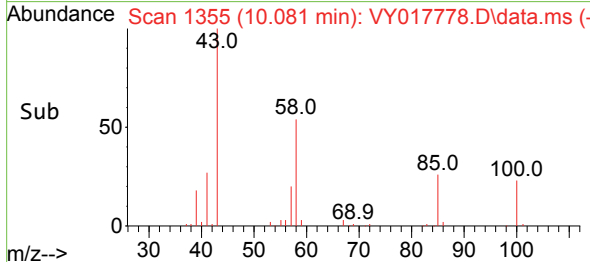
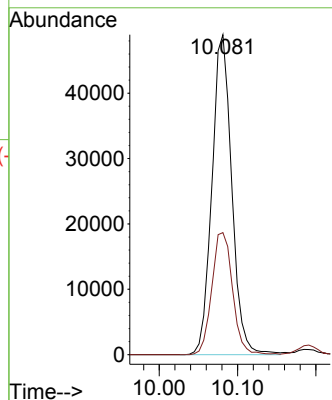
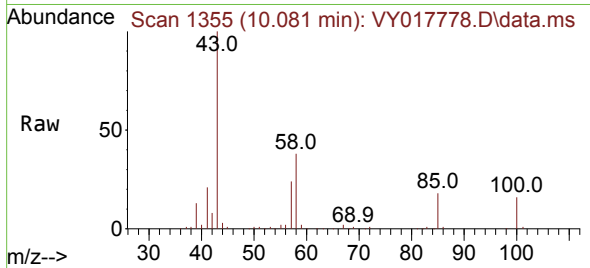




#51
4-Methyl-2-Pentanone
Concen: 109.348 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

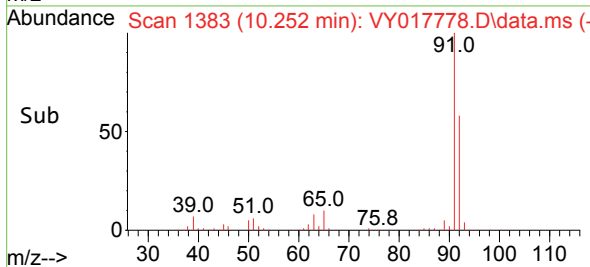
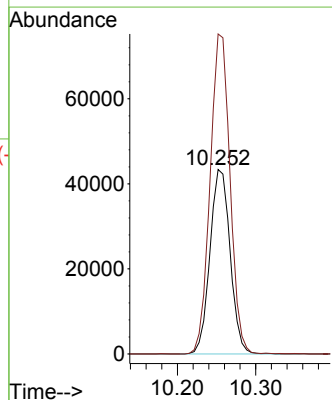
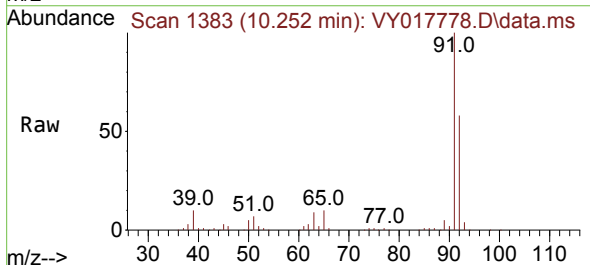
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

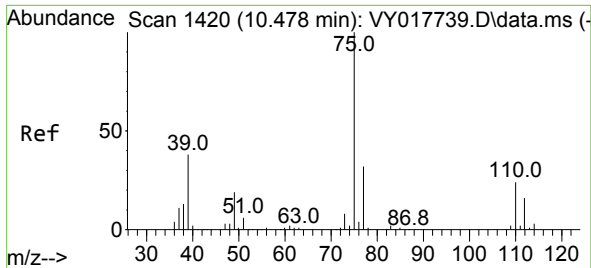
Tgt Ion: 43 Resp: 86007
Ion Ratio Lower Upper
43 100
58 39.9 35.7 53.5



#52
Toluene
Concen: 21.139 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion: 92 Resp: 77579
Ion Ratio Lower Upper
92 100
91 171.3 139.0 208.6

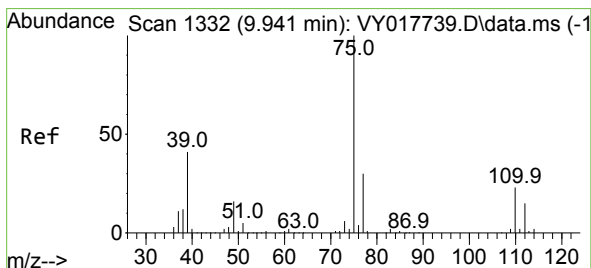
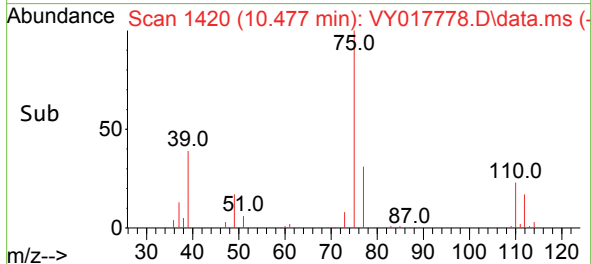
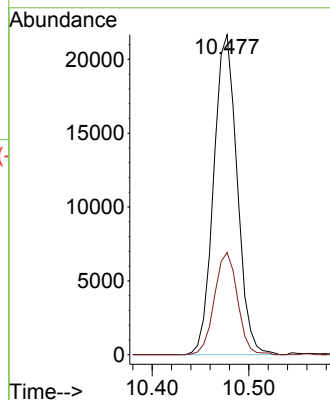
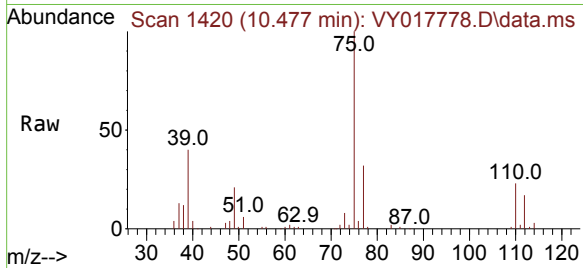




#53
 t-1,3-Dichloropropene
 Concen: 21.661 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY017778.D
 Acq: 27 Mar 2024 13:53

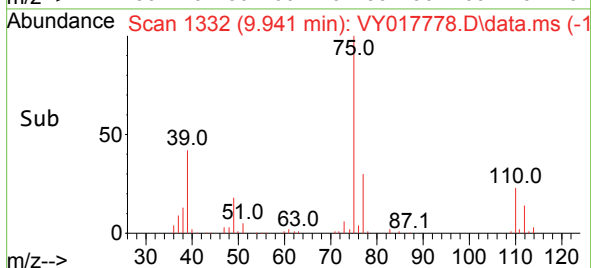
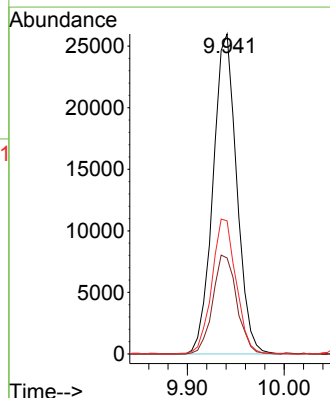
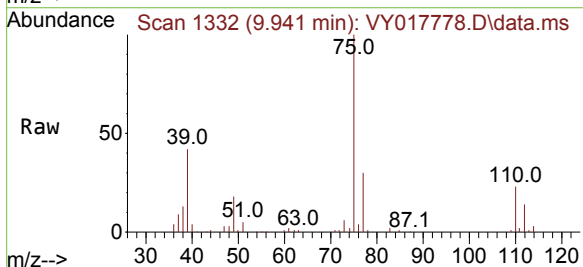
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

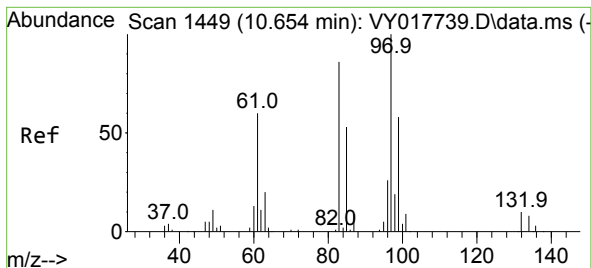
Tgt Ion: 75 Resp: 36525
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 21.498 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY017778.D
 Acq: 27 Mar 2024 13:53

Tgt Ion: 75 Resp: 44283
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.4 38.0
 39 41.4 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 21.794 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

Tgt Ion: 97 Resp: 21023

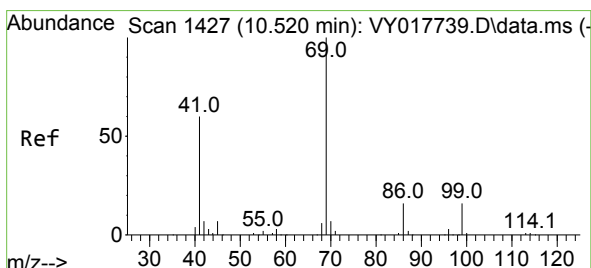
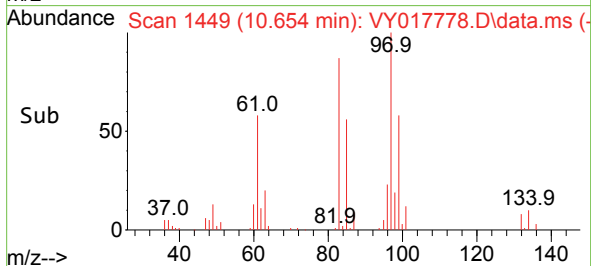
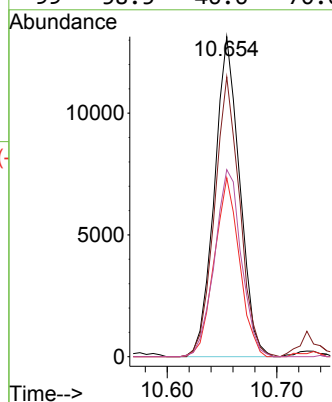
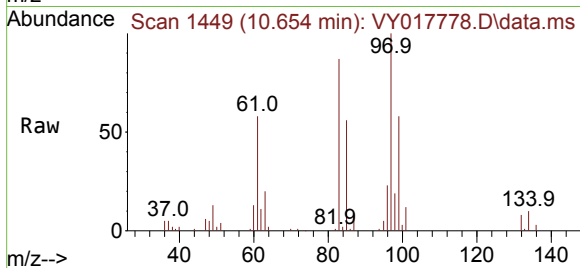
Ion Ratio Lower Upper

97 100

83 87.5 67.5 101.3

85 55.9 42.9 64.3

99 58.5 46.6 70.0



#56

Ethyl methacrylate

Concen: 19.738 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

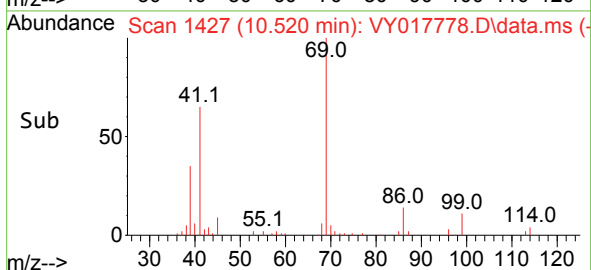
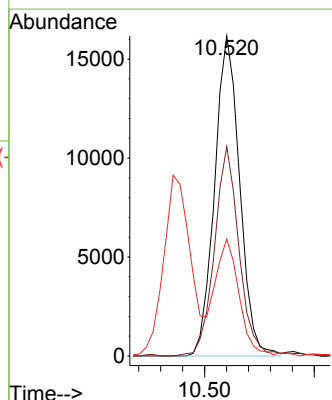
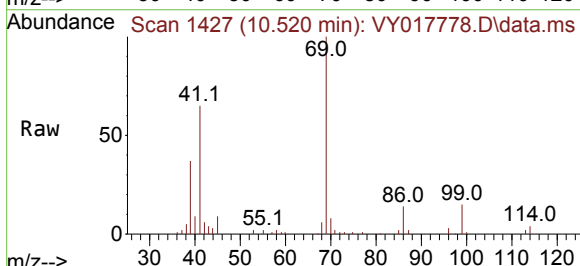
Tgt Ion: 69 Resp: 25678

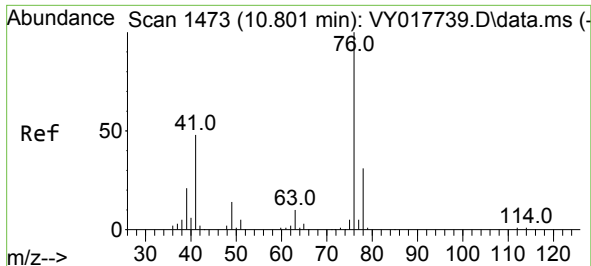
Ion Ratio Lower Upper

69 100

41 64.8 42.3 63.5#

39 34.7 22.9 34.3#

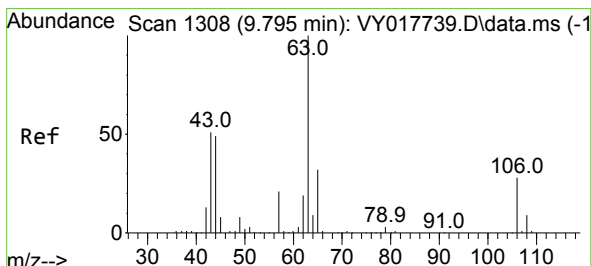
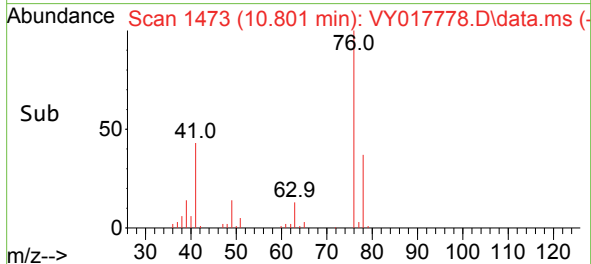
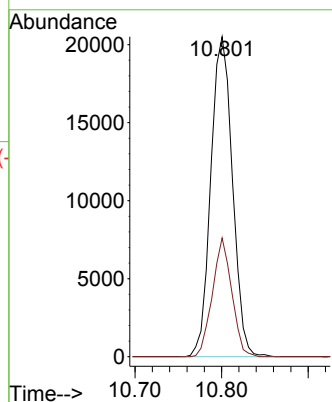
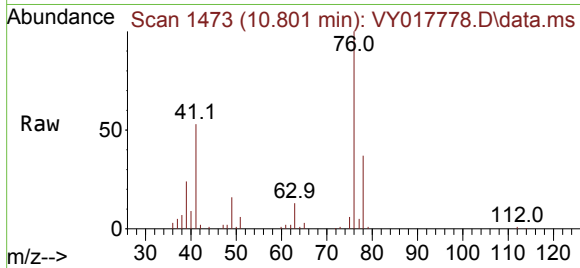




#57
1,3-Dichloropropane
Concen: 21.405 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

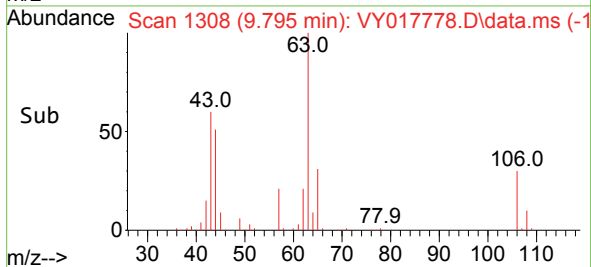
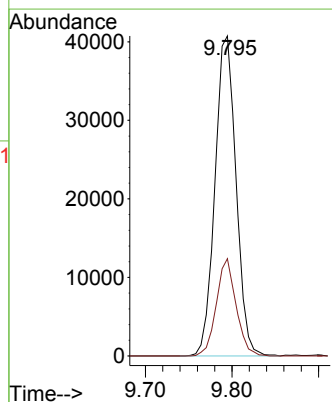
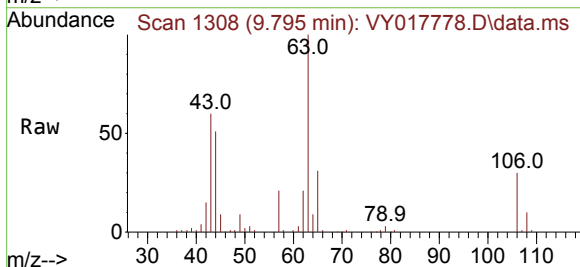
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

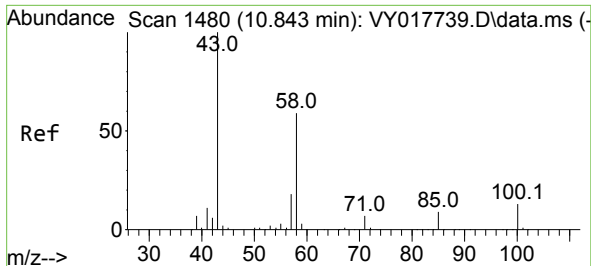
Tgt Ion: 76 Resp: 35565
Ion Ratio Lower Upper
76 100
78 33.2 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 107.031 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion: 63 Resp: 68787
Ion Ratio Lower Upper
63 100
106 28.5 23.7 35.5

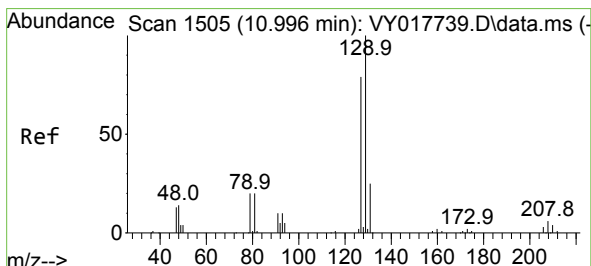
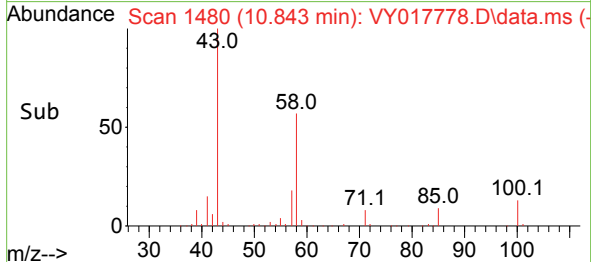
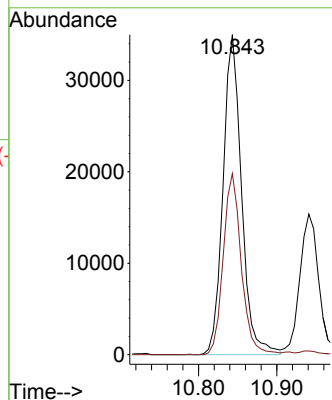
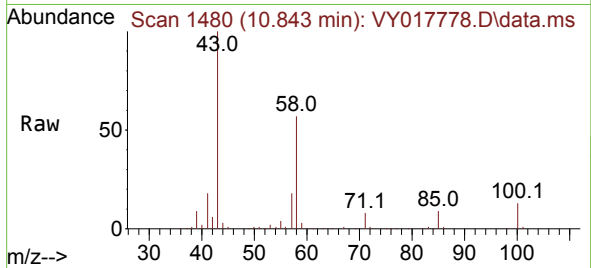




#59
2-Hexanone
Concen: 106.548 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

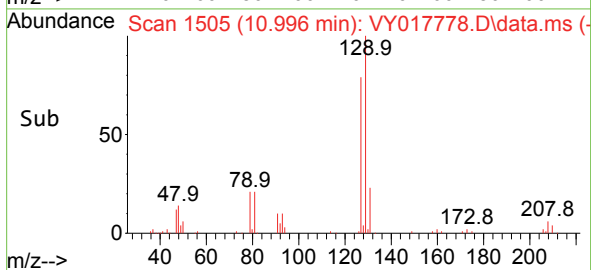
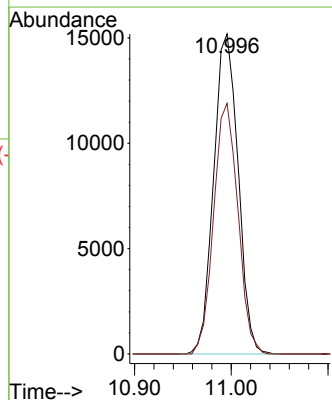
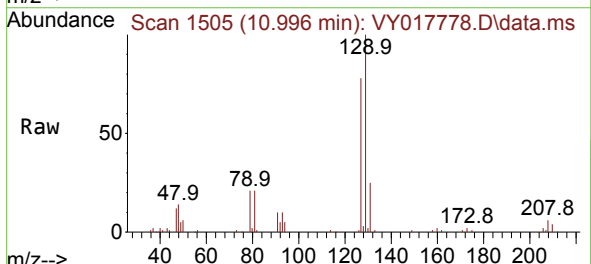
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

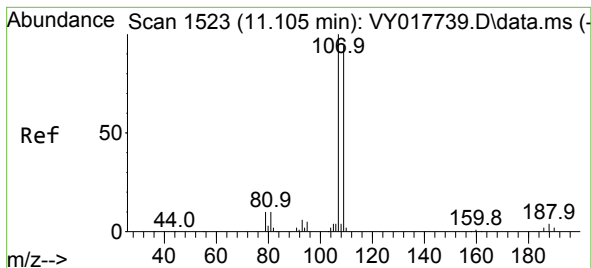
Tgt Ion: 43 Resp: 57528
Ion Ratio Lower Upper
43 100
58 55.2 31.4 94.0



#60
Dibromochloromethane
Concen: 20.661 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion: 129 Resp: 26658
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0





#61

1,2-Dibromoethane

Concen: 21.225 ug/l

RT: 11.099 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

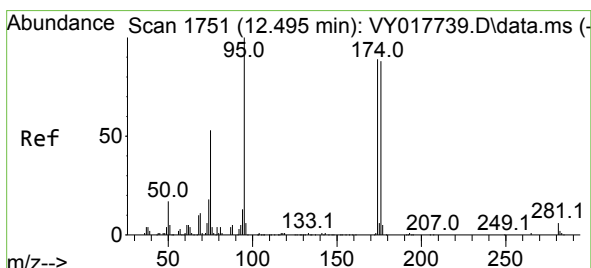
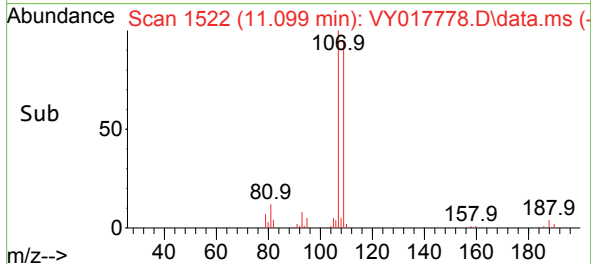
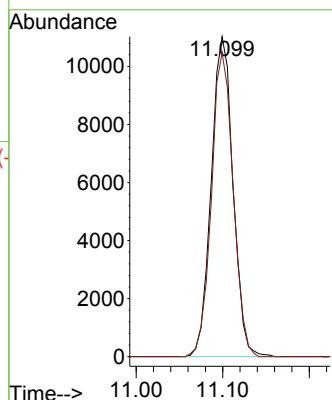
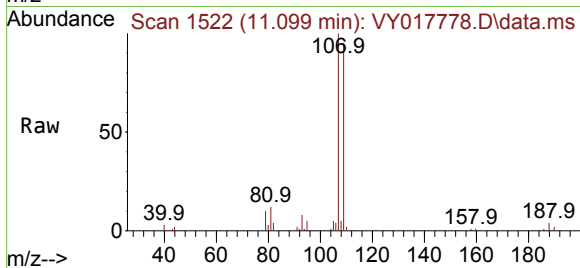
VY0327SBS01

Tgt Ion:107 Resp: 19222

Ion Ratio Lower Upper

107 100

109 94.8 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 54.917 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.006 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

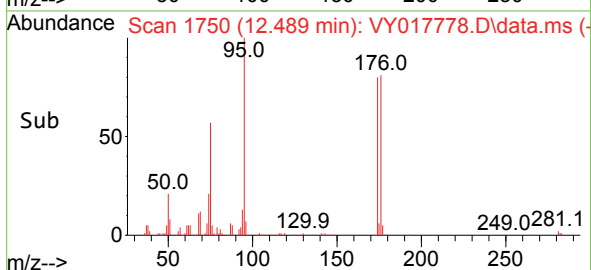
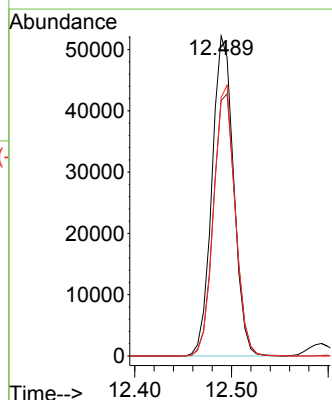
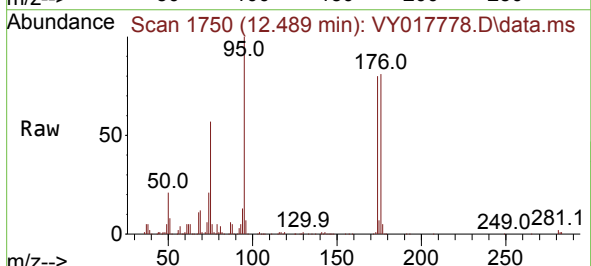
Tgt Ion: 95 Resp: 81053

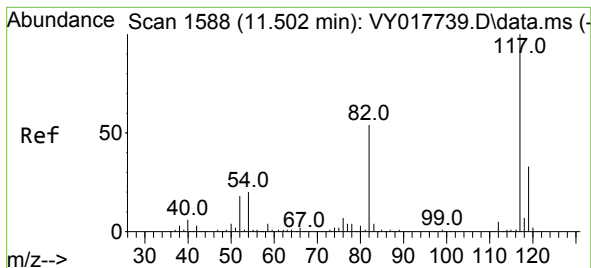
Ion Ratio Lower Upper

95 100

174 83.2 0.0 175.6

176 83.4 0.0 171.4

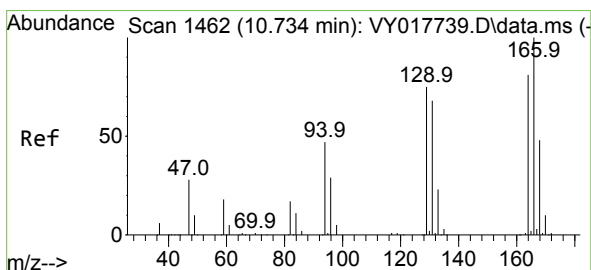
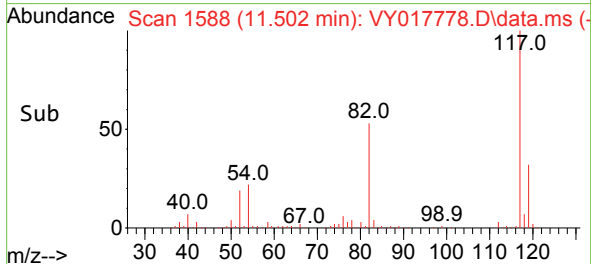
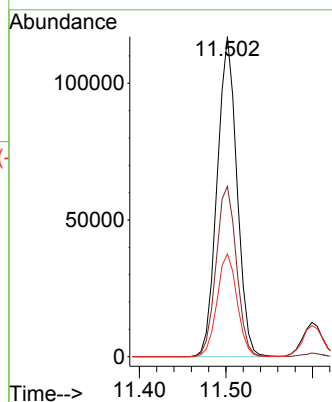
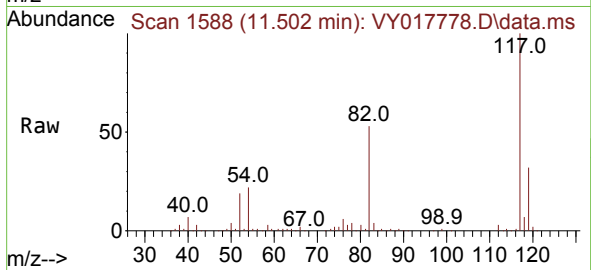




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

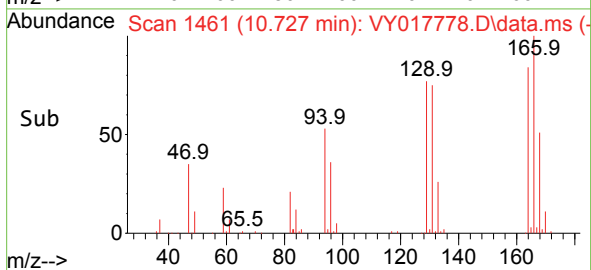
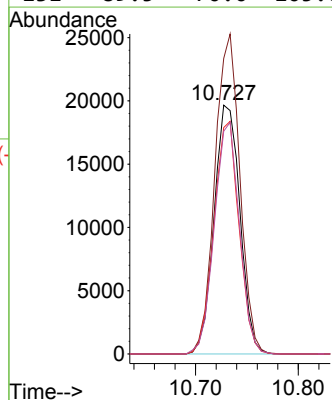
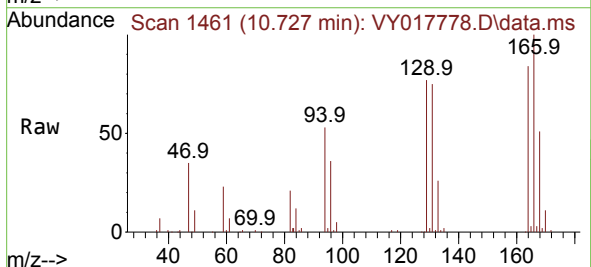
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

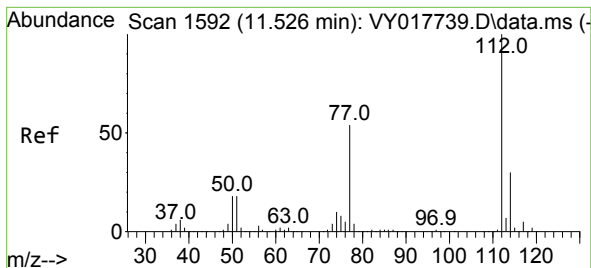
Tgt Ion:117 Resp: 185752
Ion Ratio Lower Upper
117 100
82 53.2 42.4 63.6
119 32.2 25.9 38.9



#64
Tetrachloroethene
Concen: 19.980 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion:164 Resp: 34322
Ion Ratio Lower Upper
164 100
166 118.8 102.6 154.0
129 91.0 72.0 108.0
131 89.5 70.0 105.0

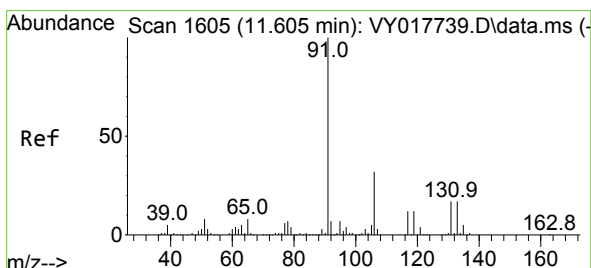
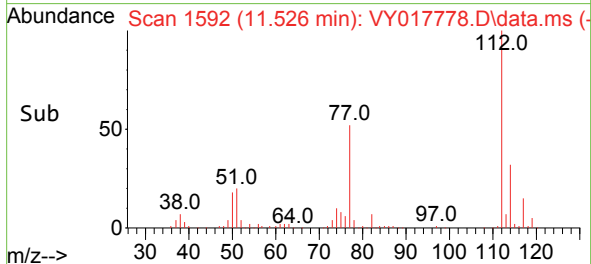
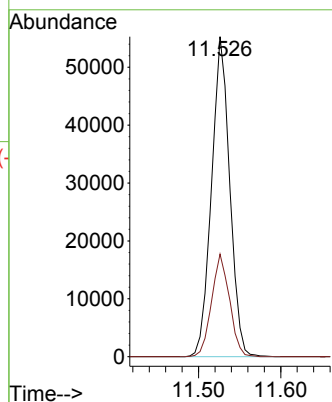
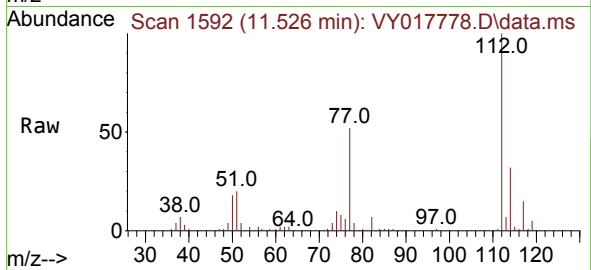




#65
Chlorobenzene
Concen: 21.292 ug/l
RT: 11.526 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

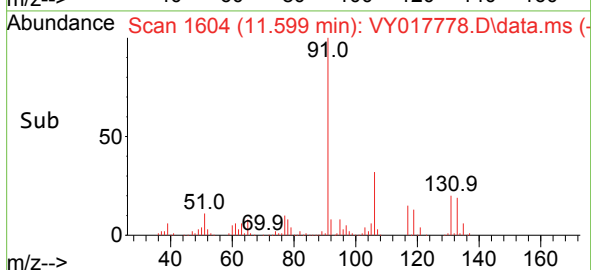
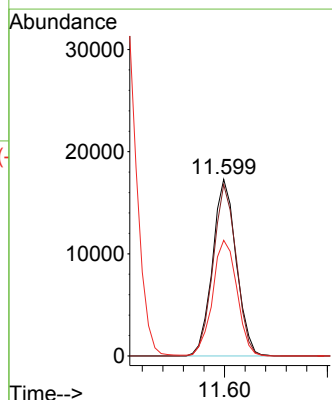
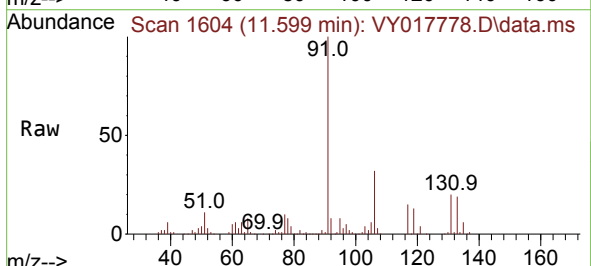
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

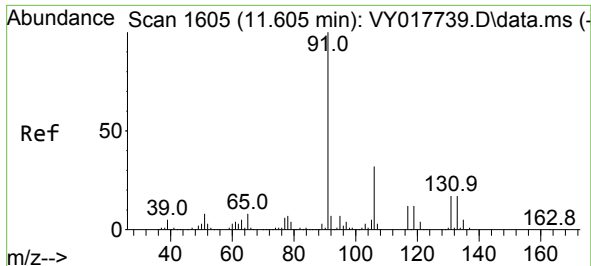
Tgt Ion:112 Resp: 85138
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.743 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.006 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion:131 Resp: 27697
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.3
119 67.2 34.1 102.2





#67

Ethyl Benzene

Concen: 20.489 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. -0.000 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

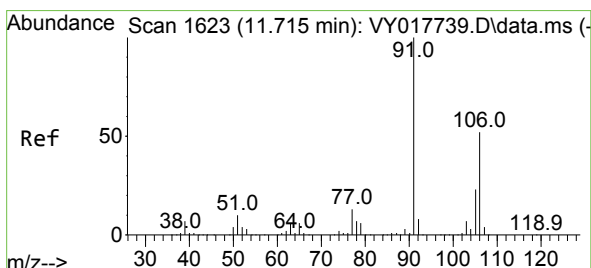
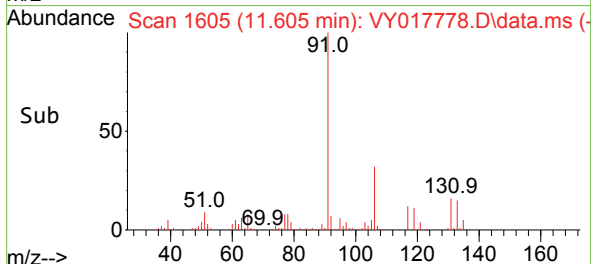
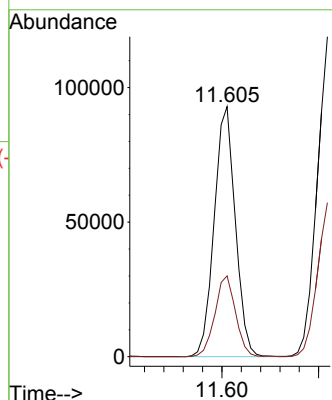
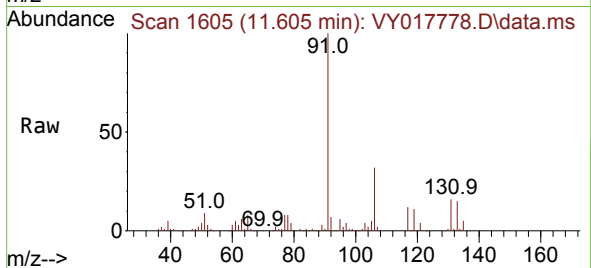
VY0327SBS01

Tgt Ion: 91 Resp: 140702

Ion Ratio Lower Upper

91 100

106 32.3 24.5 36.7



#68

m/p-Xylenes

Concen: 40.812 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY017778.D

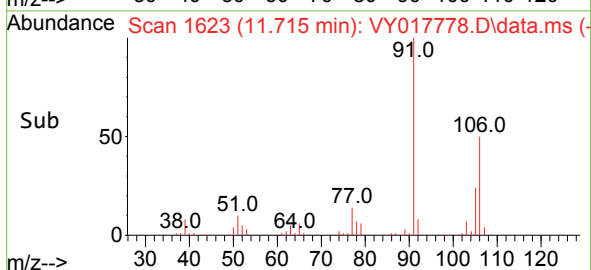
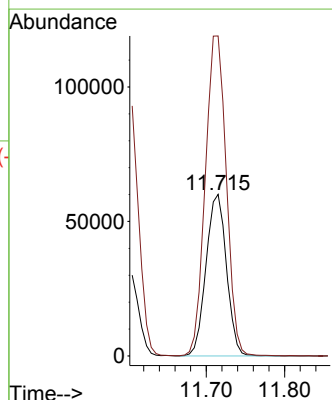
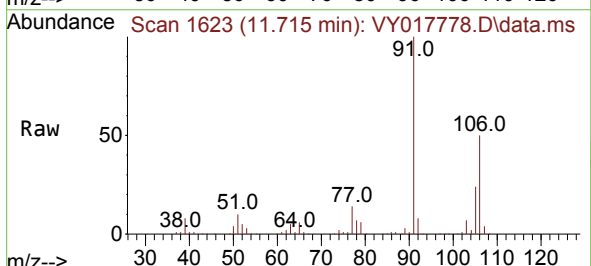
Acq: 27 Mar 2024 13:53

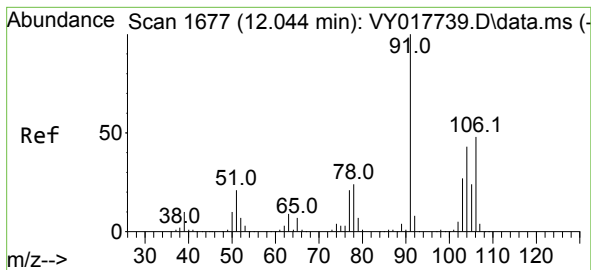
Tgt Ion:106 Resp: 108721

Ion Ratio Lower Upper

106 100

91 203.3 156.0 234.0





#69

o-Xylene

Concen: 20.354 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

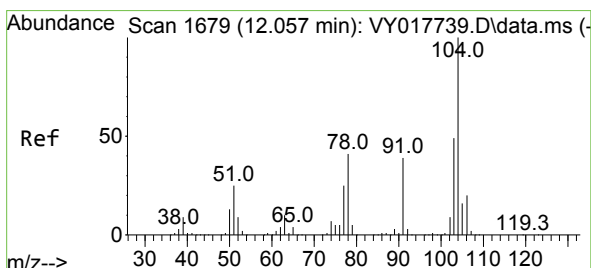
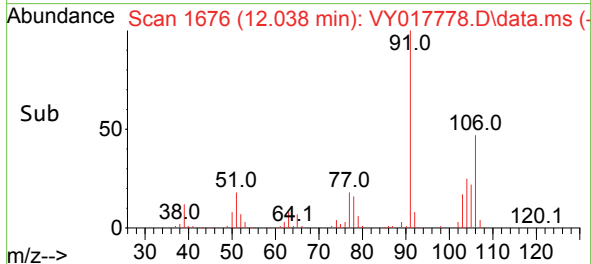
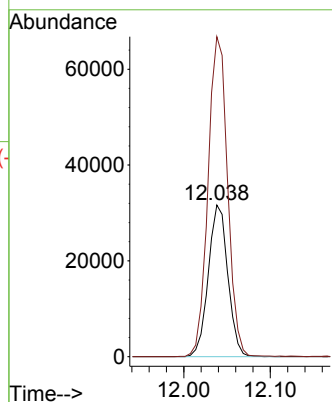
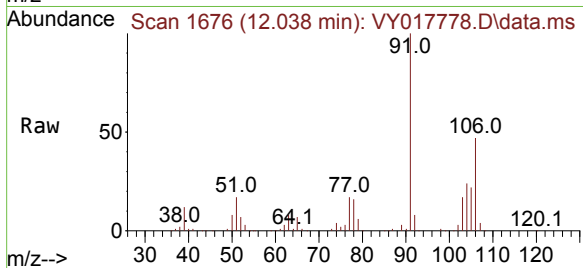
VY0327SBS01

Tgt Ion:106 Resp: 49503

Ion Ratio Lower Upper

106 100

91 211.5 103.6 310.8



#70

Styrene

Concen: 20.864 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

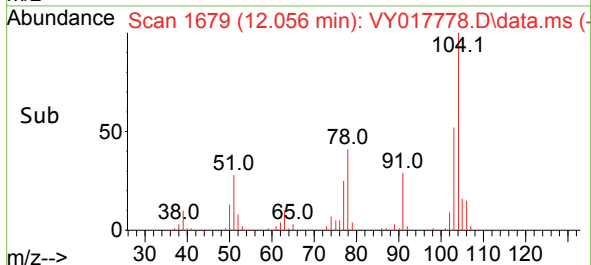
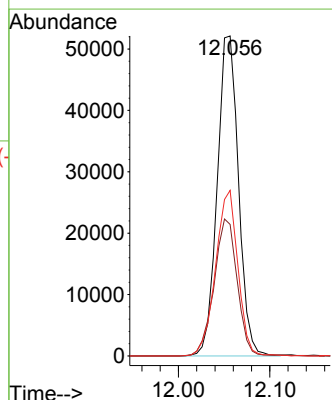
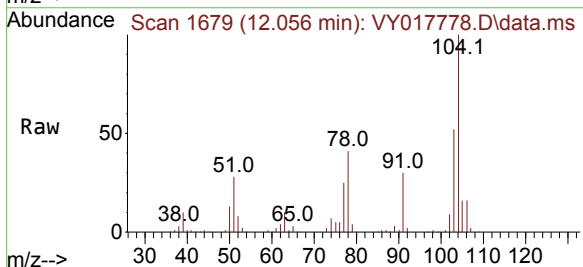
Tgt Ion:104 Resp: 84456

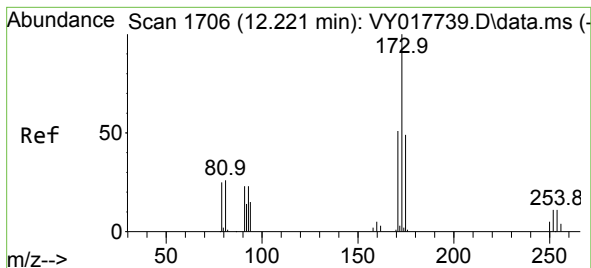
Ion Ratio Lower Upper

104 100

78 46.5 37.0 55.4

103 54.2 44.2 66.2





#71

Bromoform

Concen: 20.820 ug/l

RT: 12.221 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

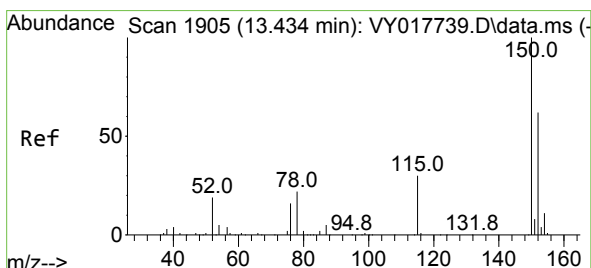
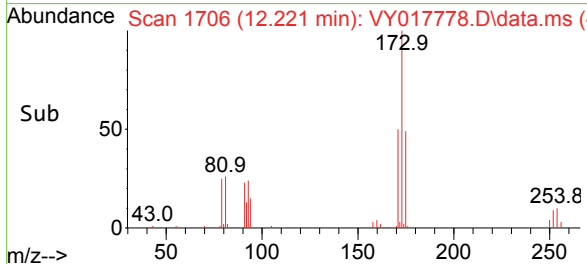
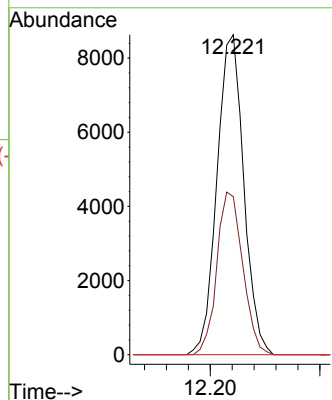
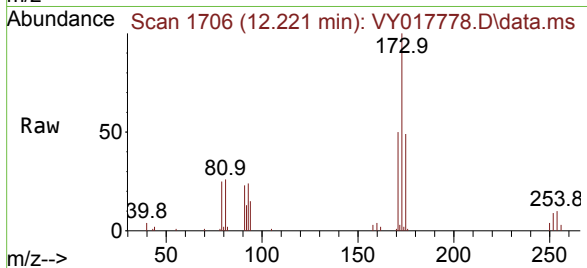
Tgt Ion:173 Resp: 14641

Ion Ratio Lower Upper

173 100

175 49.2 25.1 75.3

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: VY017778.D

Acq: 27 Mar 2024 13:53

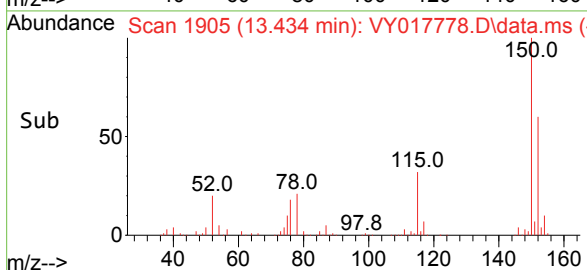
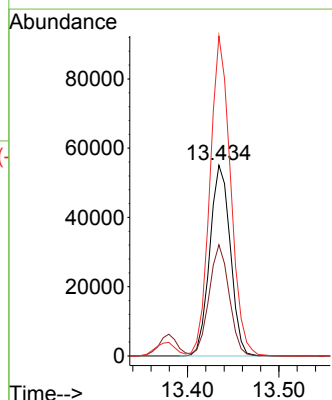
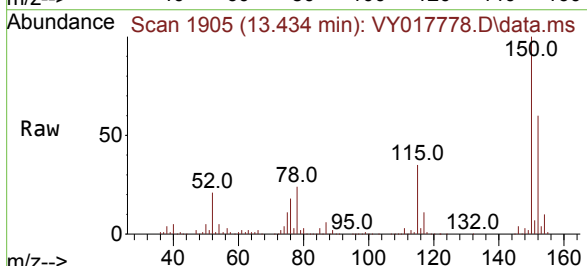
Tgt Ion:152 Resp: 86208

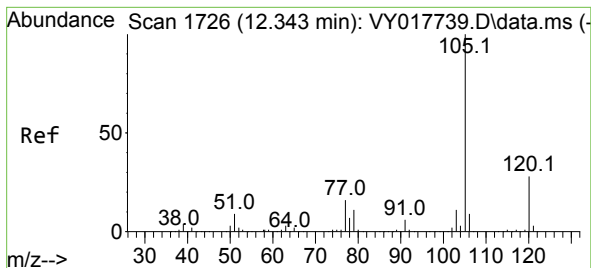
Ion Ratio Lower Upper

152 100

115 57.0 28.2 84.7

150 168.7 0.0 345.6





#73

Isopropylbenzene

Concen: 20.022 ug/l

RT: 12.337 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

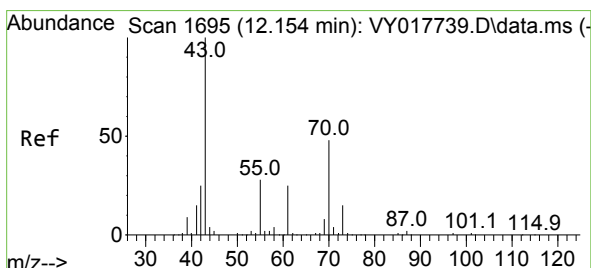
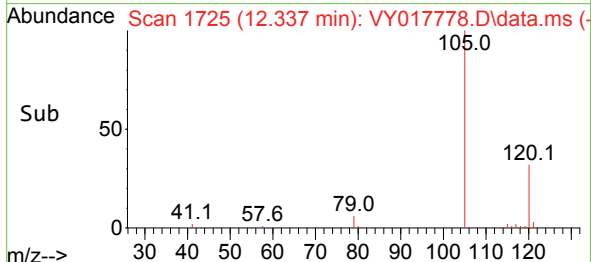
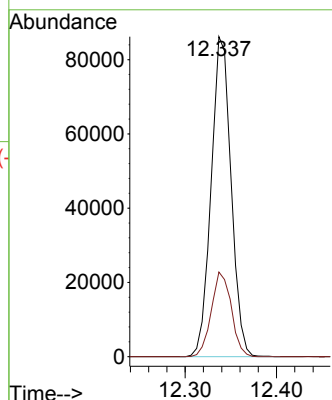
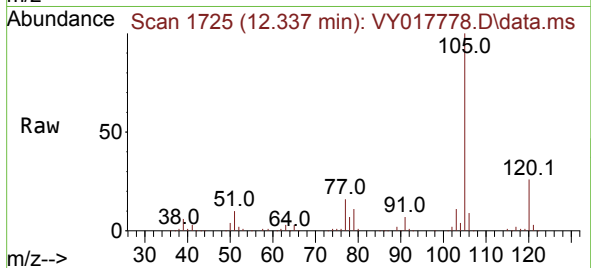
VY0327SBS01

Tgt Ion:105 Resp: 130337

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#74

N-ethyl acetate

Concen: 21.196 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Tgt Ion: 43 Resp: 26491

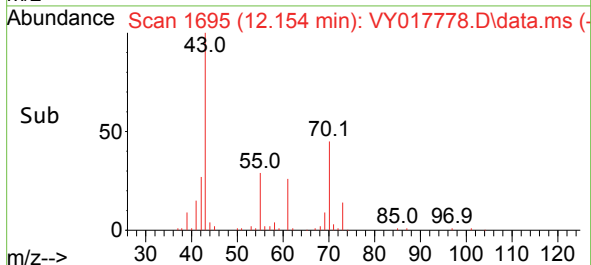
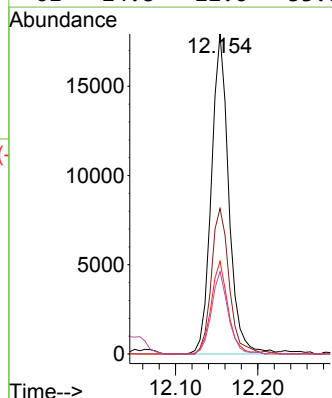
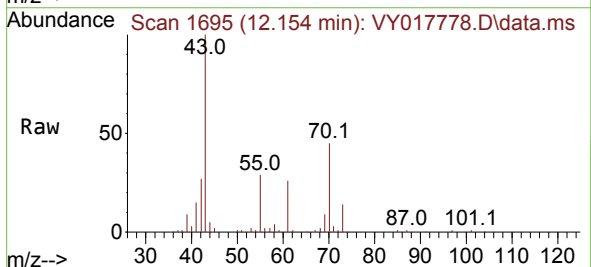
Ion Ratio Lower Upper

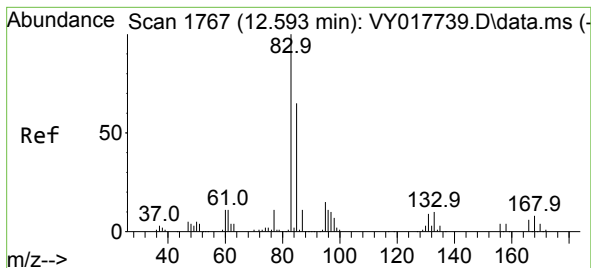
43 100

70 46.7 41.4 62.2

55 28.2 23.3 34.9

61 24.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.738 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

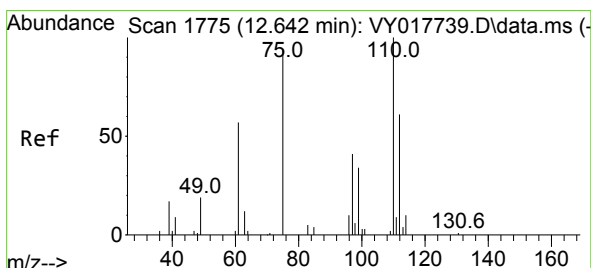
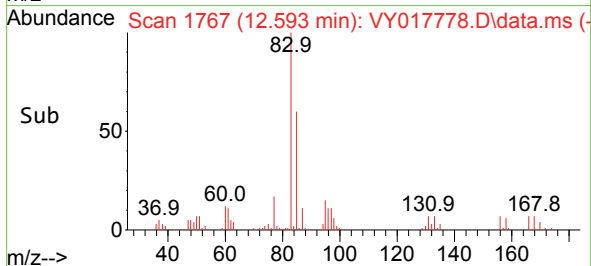
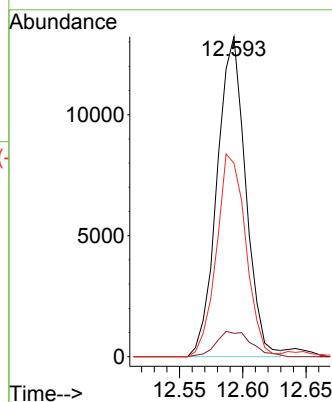
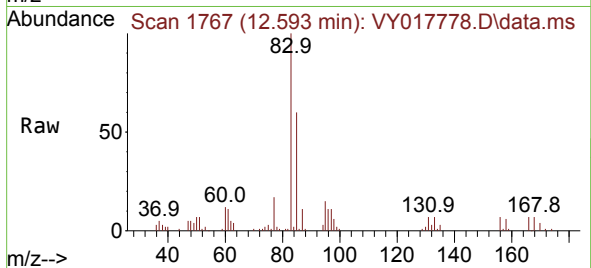
Tgt Ion: 83 Resp: 20786

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 64.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 37.058 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY017778.D

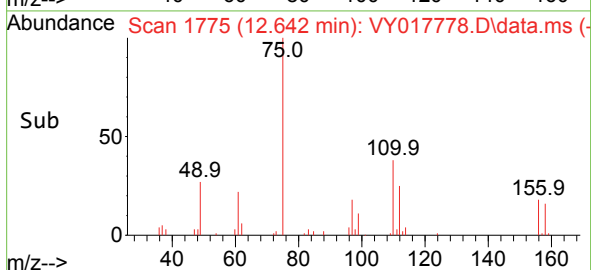
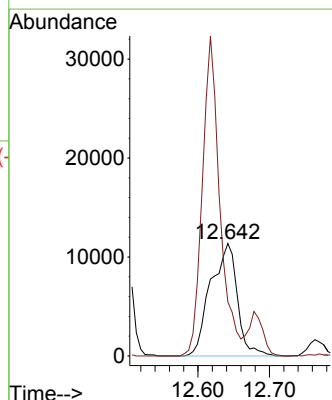
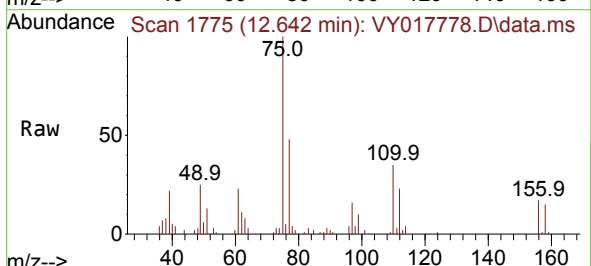
Acq: 27 Mar 2024 13:53

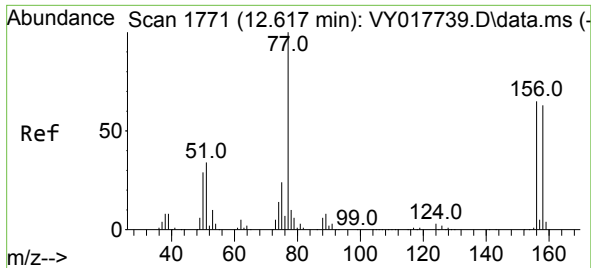
Tgt Ion: 75 Resp: 29501

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

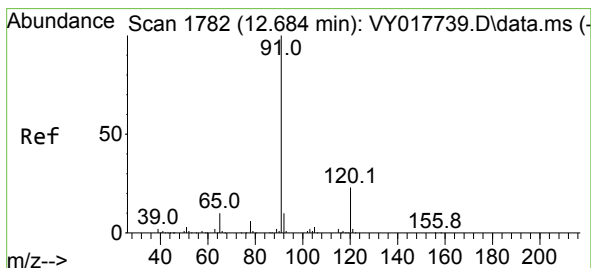
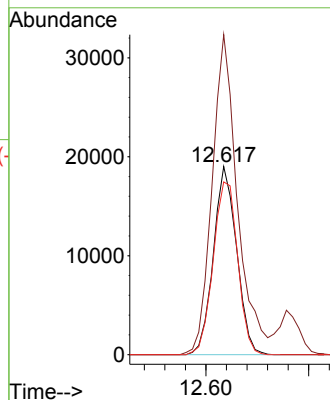
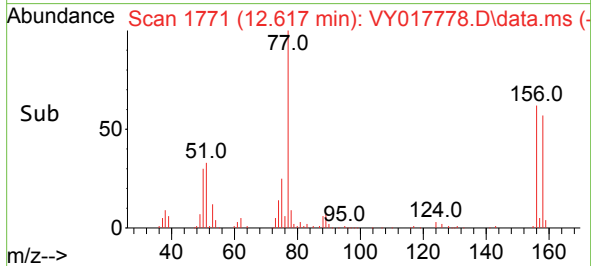
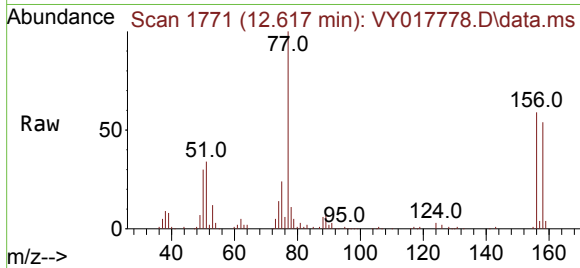




#77
Bromobenzene
Concen: 20.096 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. -0.000 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

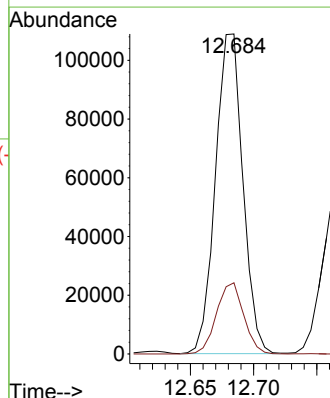
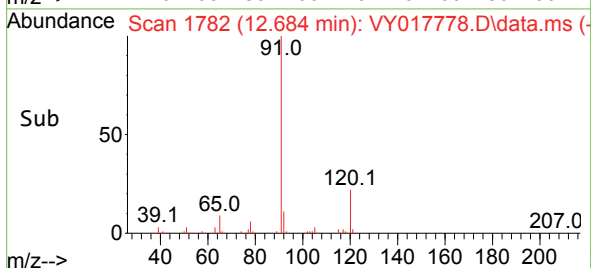
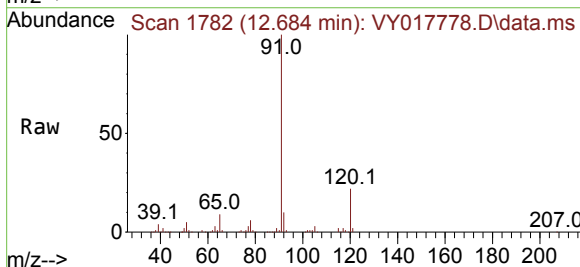
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

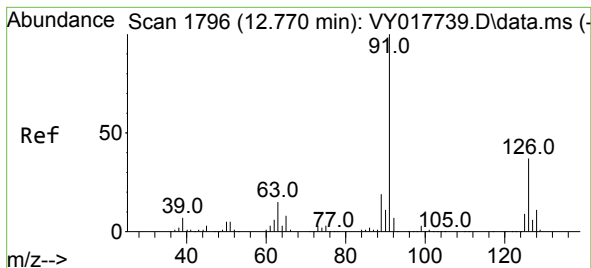
Tgt Ion:156 Resp: 29784
Ion Ratio Lower Upper
156 100
77 185.1 87.1 261.3
158 96.8 48.6 145.9



#78
n-propylbenzene
Concen: 20.809 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion: 91 Resp: 163972
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4

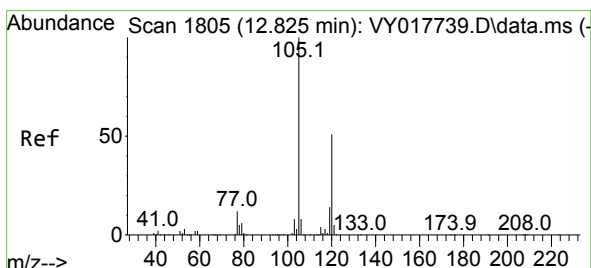
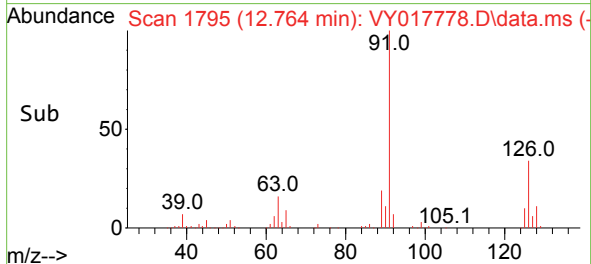
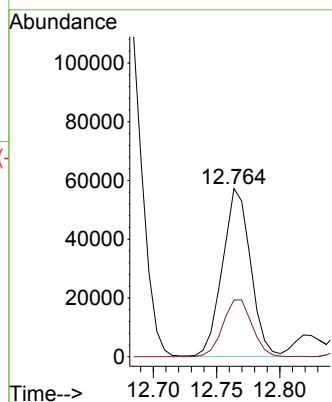
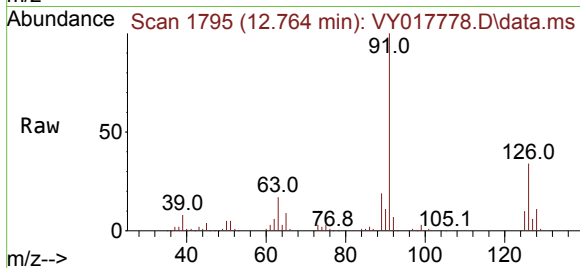




#79
2-Chlorotoluene
Concen: 20.415 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.006 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

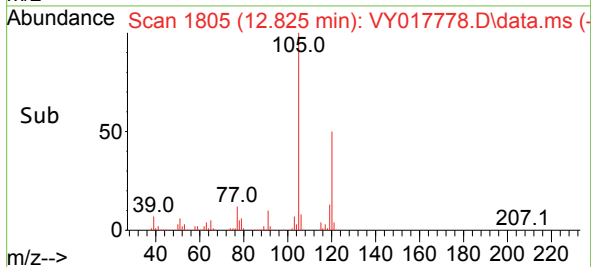
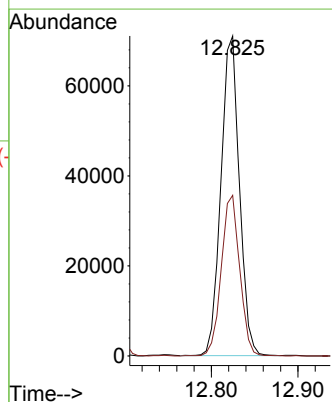
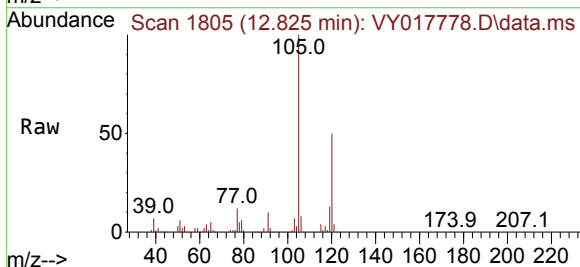
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

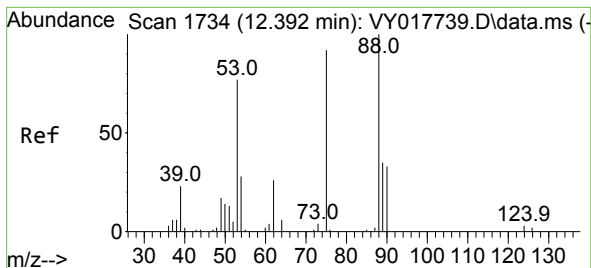
Tgt Ion: 91 Resp: 88217
Ion Ratio Lower Upper
91 100
126 35.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 20.597 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion: 105 Resp: 104956
Ion Ratio Lower Upper
105 100
120 50.4 25.1 75.2

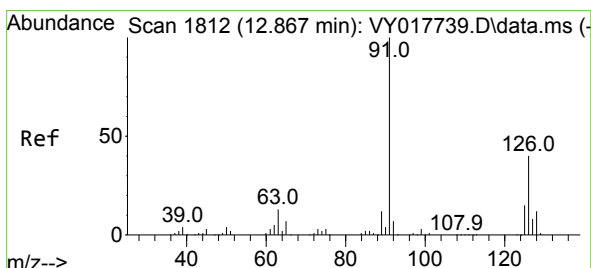
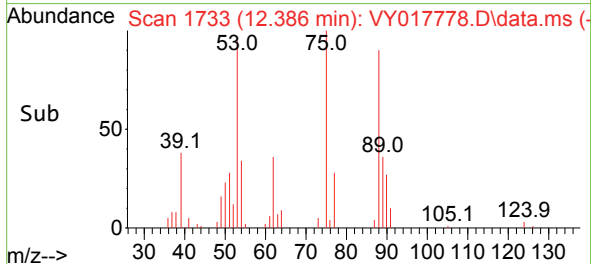
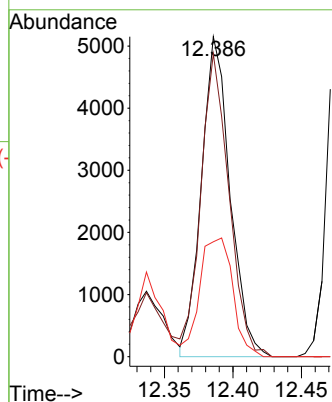
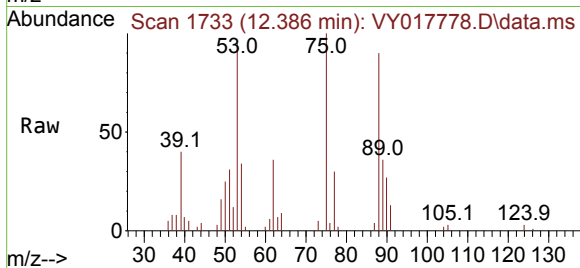




#81
trans-1,4-Dichloro-2-butene
Concen: 21.778 ug/l
RT: 12.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

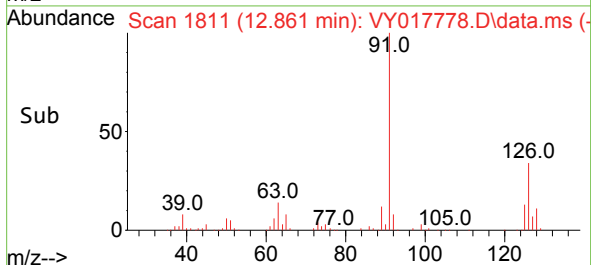
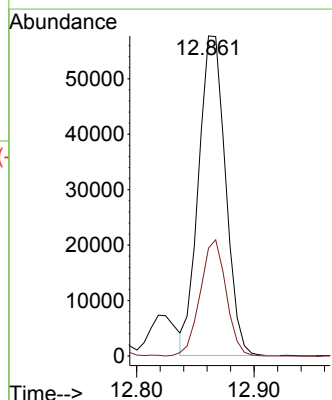
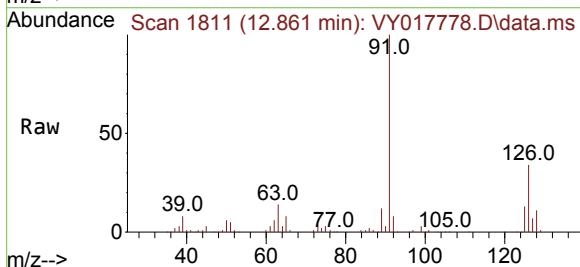
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

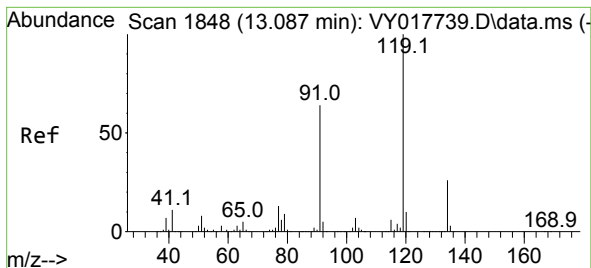
Tgt Ion: 75 Resp: 7503
Ion Ratio Lower Upper
75 100
53 92.6 66.8 100.2
89 42.6 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.748 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.006 min
Lab File: VY017778.D
Acq: 27 Mar 2024 13:53

Tgt Ion: 91 Resp: 91991
Ion Ratio Lower Upper
91 100
126 34.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.821 ug/l

RT: 13.087 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

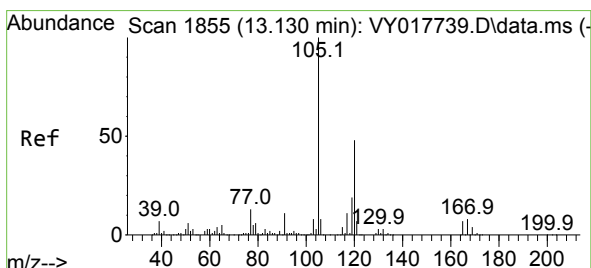
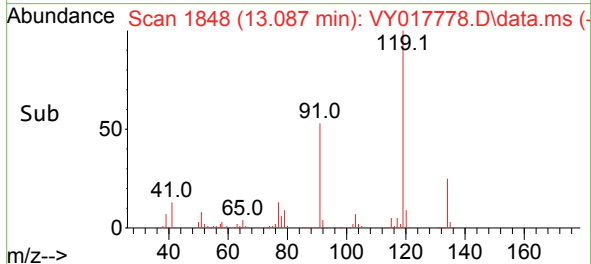
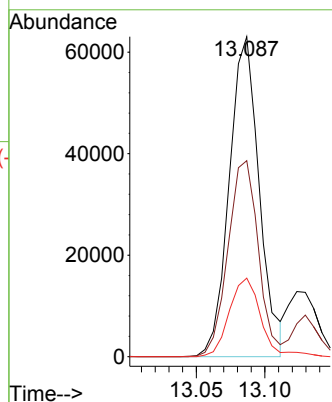
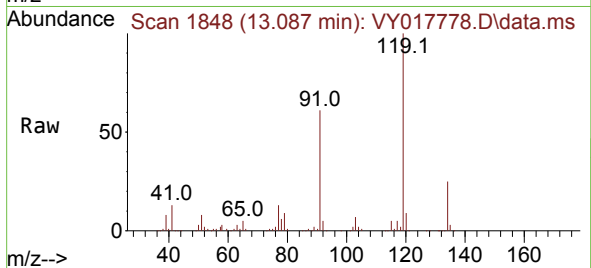
Tgt Ion:119 Resp: 96016

Ion Ratio Lower Upper

119 100

91 62.2 31.3 93.8

134 25.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.780 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY017778.D

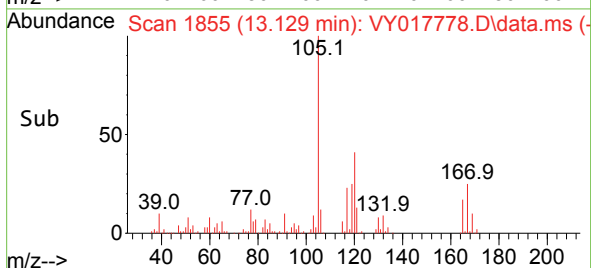
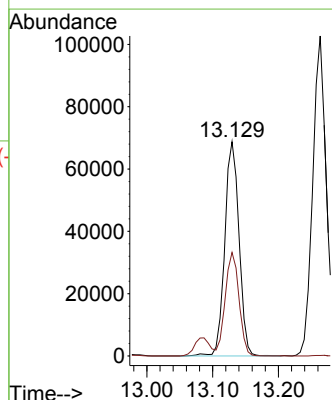
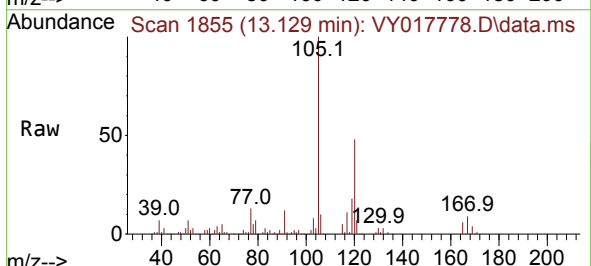
Acq: 27 Mar 2024 13:53

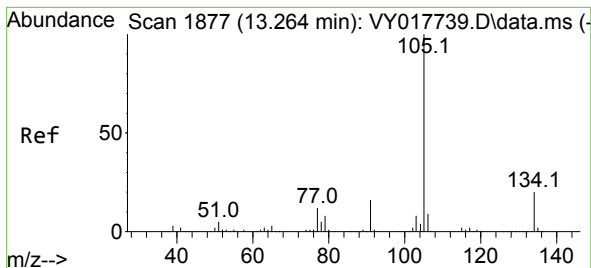
Tgt Ion:105 Resp: 103810

Ion Ratio Lower Upper

105 100

120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.163 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

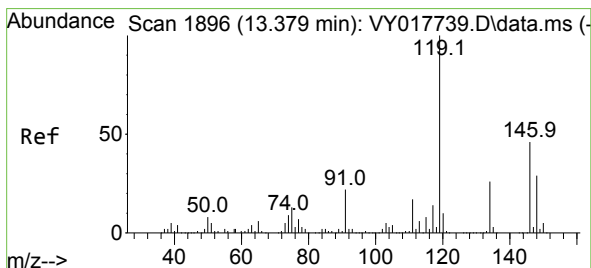
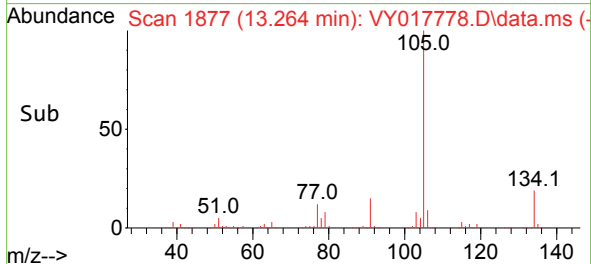
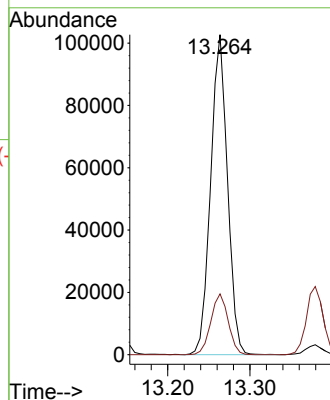
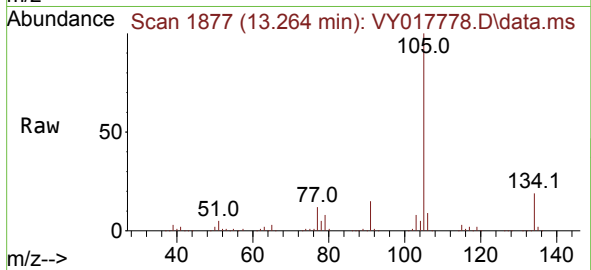
VY0327SBS01

Tgt Ion:105 Resp: 146266

Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.125 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

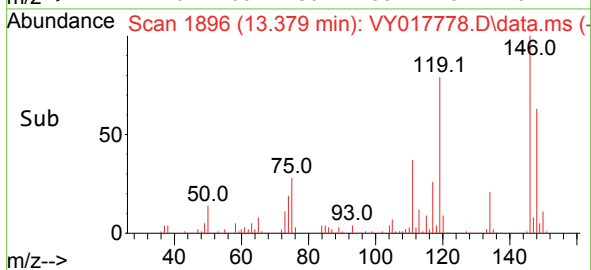
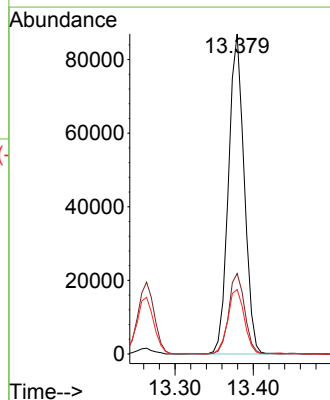
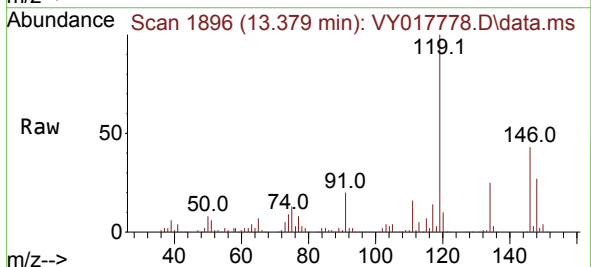
Tgt Ion:119 Resp: 121228

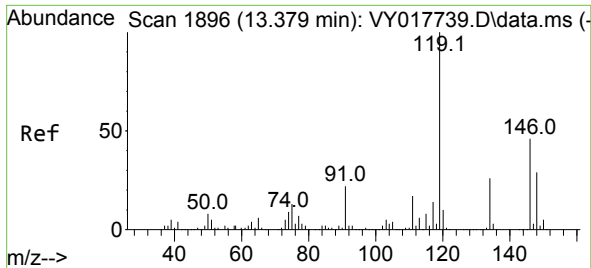
Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.3

91 21.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.939 ug/l

RT: 13.373 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

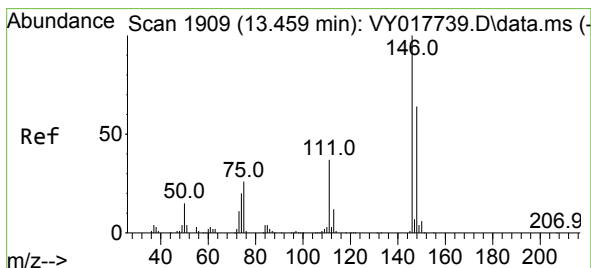
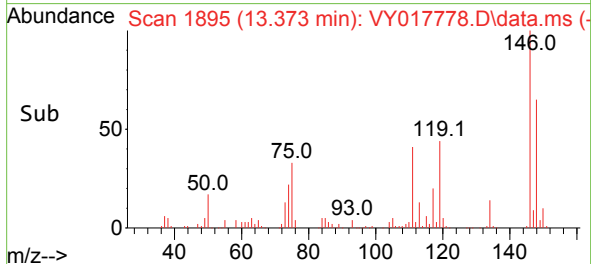
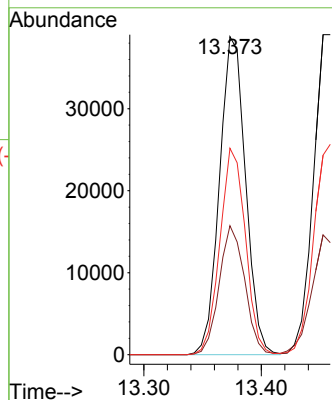
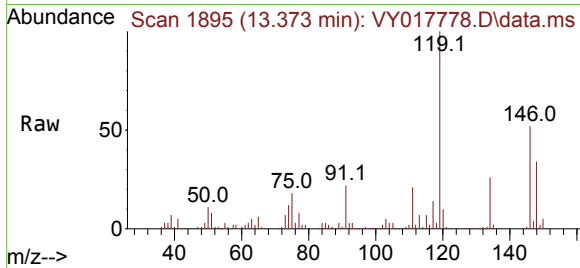
Tgt Ion:146 Resp: 59881

Ion Ratio Lower Upper

146 100

111 39.8 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.869 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

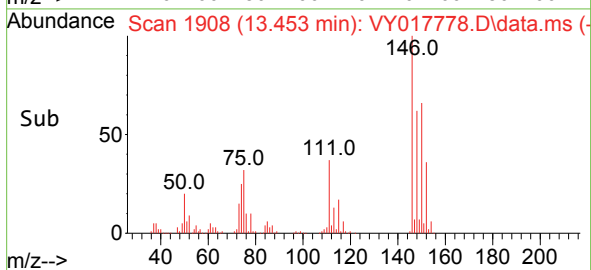
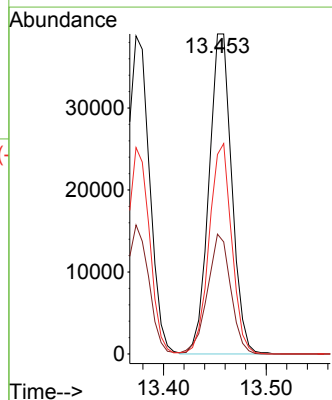
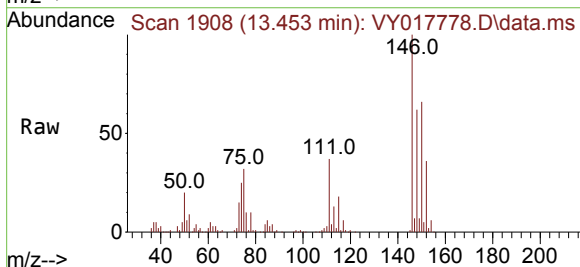
Tgt Ion:146 Resp: 60168

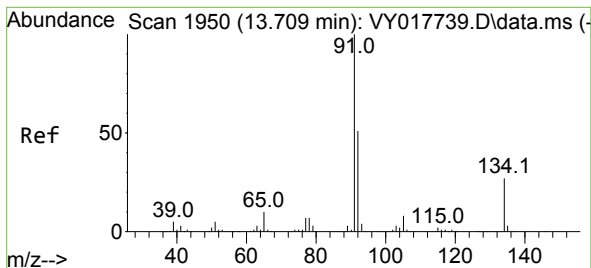
Ion Ratio Lower Upper

146 100

111 38.1 18.4 55.4

148 64.8 32.4 97.2





#89

n-Butylbenzene

Concen: 21.184 ug/l

RT: 13.703 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

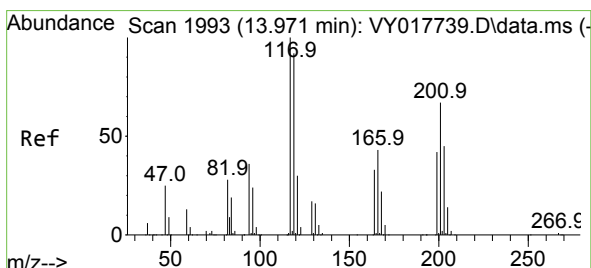
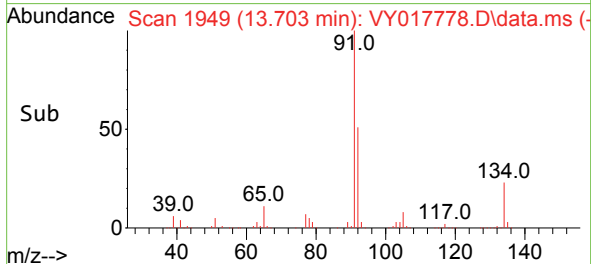
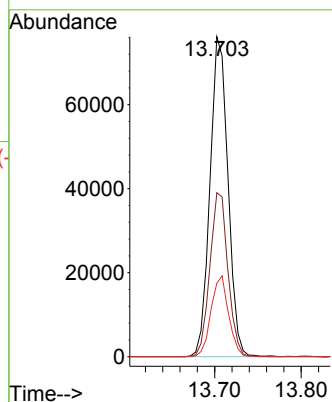
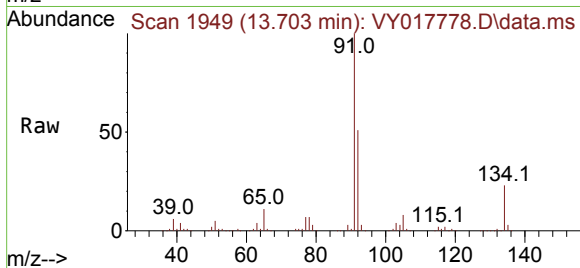
Tgt Ion: 91 Resp: 109983

Ion Ratio Lower Upper

91 100

92 51.4 26.6 79.7

134 24.6 12.9 38.7



#90

Hexachloroethane

Concen: 19.886 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY017778.D

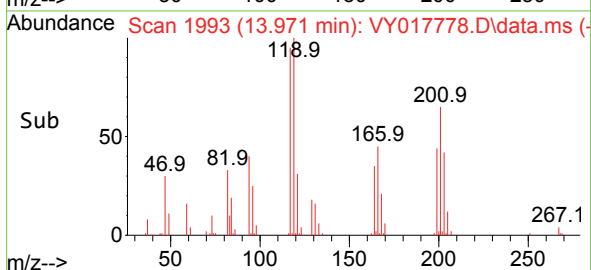
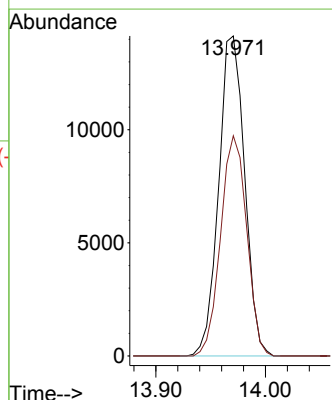
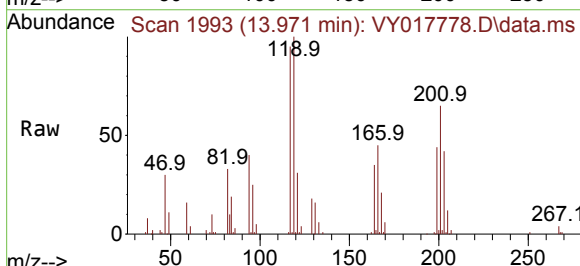
Acq: 27 Mar 2024 13:53

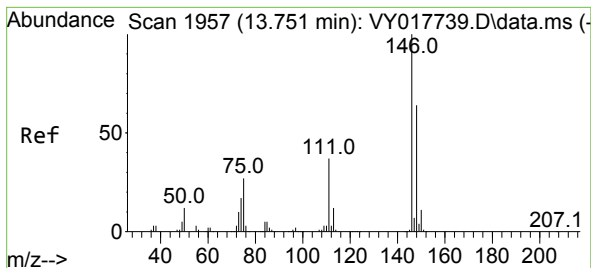
Tgt Ion: 117 Resp: 23271

Ion Ratio Lower Upper

117 100

201 69.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.264 ug/l

RT: 13.745 min Scan# 1957

Delta R.T. -0.006 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

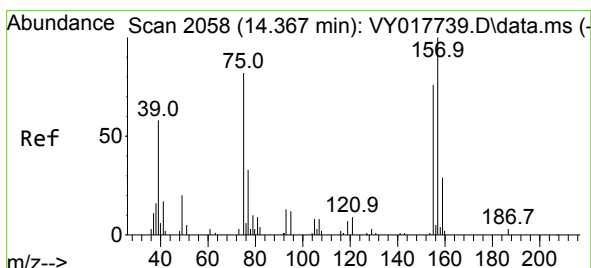
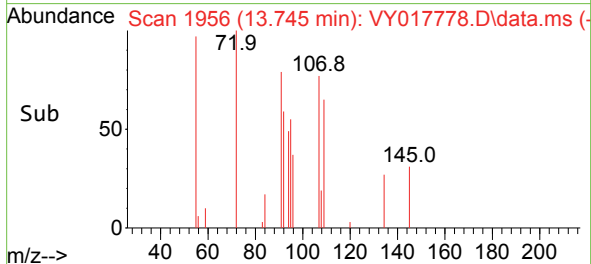
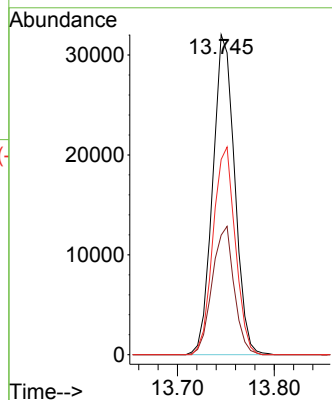
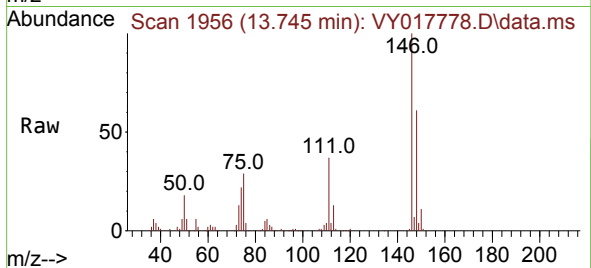
Tgt Ion:146 Resp: 50414

Ion Ratio Lower Upper

146 100

111 40.1 19.9 59.7

148 65.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.378 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

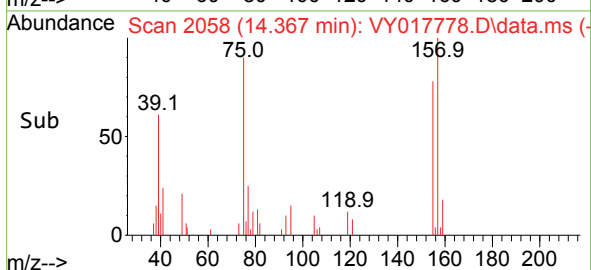
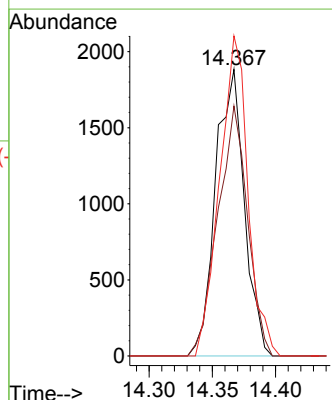
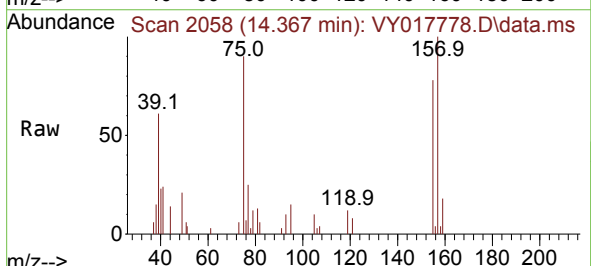
Tgt Ion: 75 Resp: 2967

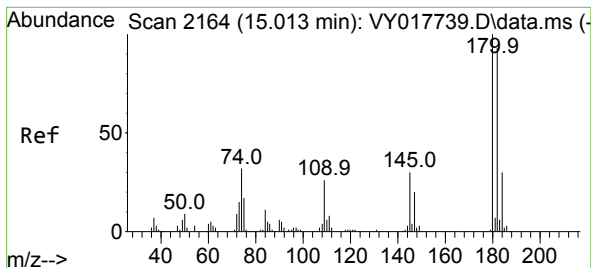
Ion Ratio Lower Upper

75 100

155 90.4 48.6 145.8

157 110.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 22.097 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

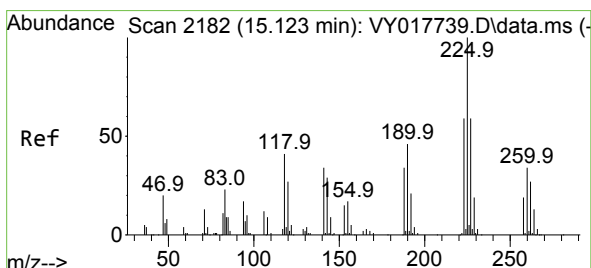
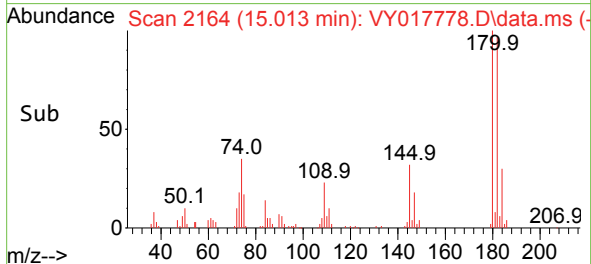
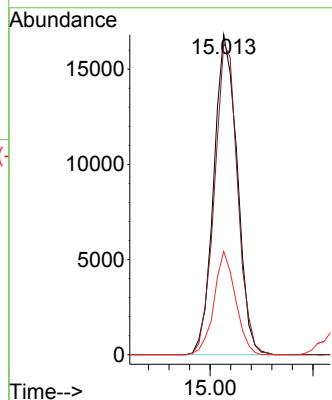
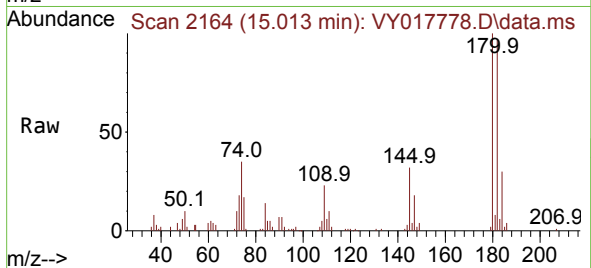
Tgt Ion:180 Resp: 26631

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.8

145 29.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.308 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

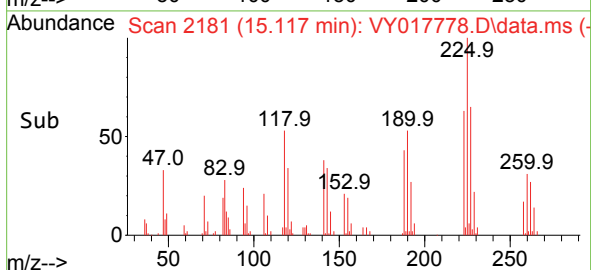
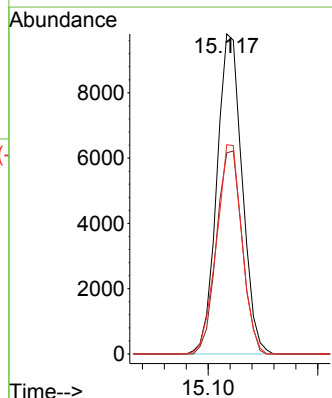
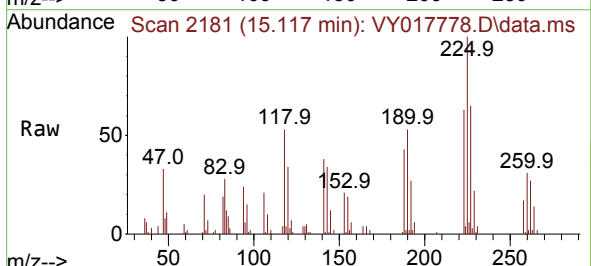
Tgt Ion:225 Resp: 15710

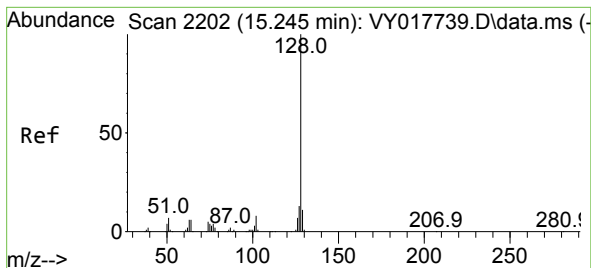
Ion Ratio Lower Upper

225 100

223 64.1 30.4 91.2

227 65.9 31.9 95.9





#95

Naphthalene

Concen: 20.009 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

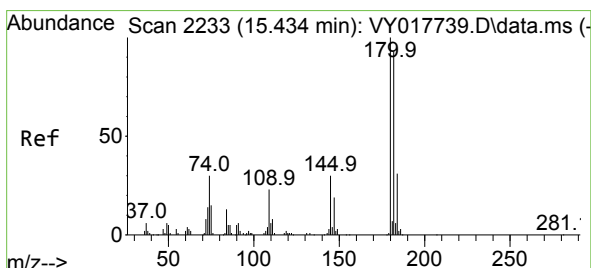
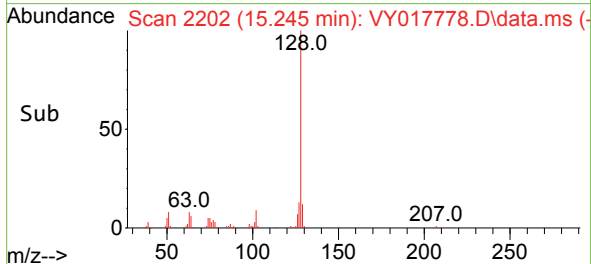
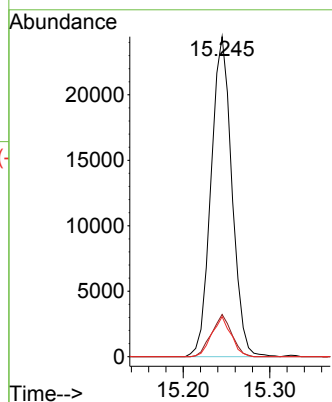
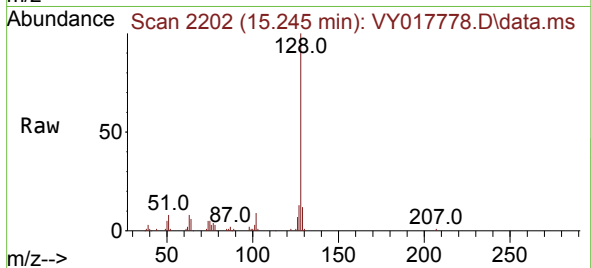
Tgt Ion:128 Resp: 40912

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.681 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017778.D

Acq: 27 Mar 2024 13:53

Tgt Ion:180 Resp: 21574

Ion Ratio Lower Upper

180 100

182 99.4 47.6 142.9

145 30.8 15.4 46.1

