

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
 Data File : VY017749.D
 Acq On : 25 Mar 2024 11:34
 Operator : SY/MD
 Sample : VY0325SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Quant Time: Mar 26 03:33:15 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	7.801	168	179723	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.703	114	277735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	242609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	113792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	82709	52.825	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.660%	
35) Dibromofluoromethane	7.728	113	92961	55.995	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.980%	
50) Toluene-d8	10.191	98	353816	55.685	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.360%	
62) 4-Bromofluorobenzene	12.495	95	107531	56.359	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.720%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	32950	21.236	ug/l	100
3) Chloromethane	2.119	50	40870	20.333	ug/l	93
4) Vinyl Chloride	2.253	62	50774	20.892	ug/l	100
5) Bromomethane	2.656	94	39849	21.000	ug/l	98
6) Chloroethane	2.802	64	33197	20.439	ug/l	97
7) Trichlorofluoromethane	3.131	101	57425	22.418	ug/l	98
8) Diethyl Ether	3.534	74	16736	19.817	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.899	101	37884	20.776	ug/l	98
10) Methyl Iodide	4.101	142	42479	19.057	ug/l	97
11) Tert butyl alcohol	4.960	59	10278	98.692	ug/l #	95
12) 1,1-Dichloroethene	3.881	96	35255	20.554	ug/l	99
13) Acrolein	3.735	56	13395	106.704	ug/l	99
14) Allyl chloride	4.491	41	44496	19.142	ug/l	98
15) Acrylonitrile	5.174	53	33703	96.337	ug/l	99
16) Acetone	3.954	43	26190	95.633	ug/l	90
17) Carbon Disulfide	4.204	76	104352	18.182	ug/l	99
18) Methyl Acetate	4.485	43	13042	18.915	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	72855	19.700	ug/l	98
20) Methylene Chloride	4.729	84	43178	21.679	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	38794	19.840	ug/l	99
22) Diisopropyl ether	6.131	45	98669	19.495	ug/l	95
23) Vinyl Acetate	6.070	43	281341	94.642	ug/l	97
24) 1,1-Dichloroethane	6.027	63	65821	19.786	ug/l	96
25) 2-Butanone	6.996	43	39653	90.491	ug/l	91
26) 2,2-Dichloropropane	6.990	77	55778	19.725	ug/l	99
27) cis-1,2-Dichloroethene	7.002	96	44168	19.969	ug/l	98
28) Bromochloromethane	7.344	49	26444	20.504	ug/l	99
29) Tetrahydrofuran	7.356	42	25996	91.675	ug/l	93
30) Chloroform	7.521	83	68314	19.809	ug/l	98
31) Cyclohexane	7.795	56	56634	18.289	ug/l	96
32) 1,1,1-Trichloroethane	7.716	97	61415	20.448	ug/l	98
36) 1,1-Dichloropropene	7.929	75	51036	19.898	ug/l	98
37) Ethyl Acetate	7.088	43	19065	19.344	ug/l	98
38) Carbon Tetrachloride	7.911	117	54716	20.374	ug/l	98
39) Methylcyclohexane	9.197	83	64090	19.466	ug/l	99
40) Benzene	8.173	78	152890	19.914	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	24021	49.342	ug/l #	25
42) 1,2-Dichloroethane	8.252	62	36715	19.966	ug/l	99
43) Isopropyl Acetate	8.283	43	34054	17.930	ug/l	100
44) Trichloroethene	8.953	130	41834	20.832	ug/l	96
45) 1,2-Dichloropropane	9.228	63	34947	19.978	ug/l	97
46) Dibromomethane	9.319	93	20032	20.550	ug/l	98
47) Bromodichloromethane	9.508	83	50400	20.221	ug/l	92
48) Methyl methacrylate	9.307	41	15740	18.184	ug/l	95
49) 1,4-Dioxane	9.313	88	3746	394.948	ug/l #	86
51) 4-Methyl-2-Pentanone	10.081	43	90526	90.080	ug/l	97
52) Toluene	10.258	92	97034	20.453	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	43782	20.085	ug/l	96
54) cis-1,3-Dichloropropene	9.941	75	53887	20.237	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	25887	20.760	ug/l	97
56) Ethyl methacrylate	10.520	69	30083	18.009	ug/l	93
57) 1,3-Dichloropropane	10.801	76	44636	20.781	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	79453	96.715	ug/l	100
59) 2-Hexanone	10.843	43	61739	90.065	ug/l	94
60) Dibromochloromethane	10.996	129	33906	20.328	ug/l	100
61) 1,2-Dibromoethane	11.099	107	23916	20.429	ug/l	99
64) Tetrachloroethene	10.734	164	47103	20.994	ug/l	97
65) Chlorobenzene	11.532	112	106937	20.477	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.605	131	35628	20.429	ug/l	97
67) Ethyl Benzene	11.605	91	181146	20.196	ug/l	99
68) m/p-Xylenes	11.715	106	141889	40.780	ug/l	100
69) o-Xylene	12.044	106	64387	20.269	ug/l	100
70) Styrene	12.056	104	107481	20.330	ug/l	99
71) Bromoform	12.221	173	19575	21.313	ug/l #	96
73) Isopropylbenzene	12.343	105	169658	19.745	ug/l	98
74) N-amyl acetate	12.154	43	29015	17.982	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	25754	19.466	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	34503	32.835	ug/l #	100
77) Bromobenzene	12.623	156	40385	20.644	ug/l	95
78) n-propylbenzene	12.684	91	207208	19.921	ug/l	100
79) 2-Chlorotoluene	12.770	91	113287	19.861	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	136678	20.320	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	8752	19.246	ug/l	97
82) 4-Chlorotoluene	12.867	91	117585	20.092	ug/l	97
83) tert-Butylbenzene	13.087	119	124042	20.378	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	135534	20.554	ug/l	99
85) sec-Butylbenzene	13.264	105	185414	20.324	ug/l	100
86) p-Isopropyltoluene	13.379	119	153929	20.321	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	79859	20.145	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	78744	20.692	ug/l	99
89) n-Butylbenzene	13.709	91	139919	20.417	ug/l	98
90) Hexachloroethane	13.971	117	30741	19.901	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	67436	20.535	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3495	19.960	ug/l	90
93) 1,2,4-Trichlorobenzene	15.019	180	35083	22.054	ug/l	98
94) Hexachlorobutadiene	15.123	225	22799	22.327	ug/l	98
95) Naphthalene	15.251	128	50401	18.848	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	28027	21.339	ug/l	100

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Instrument :
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ClientSampleId :
VY0325SBSD01

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

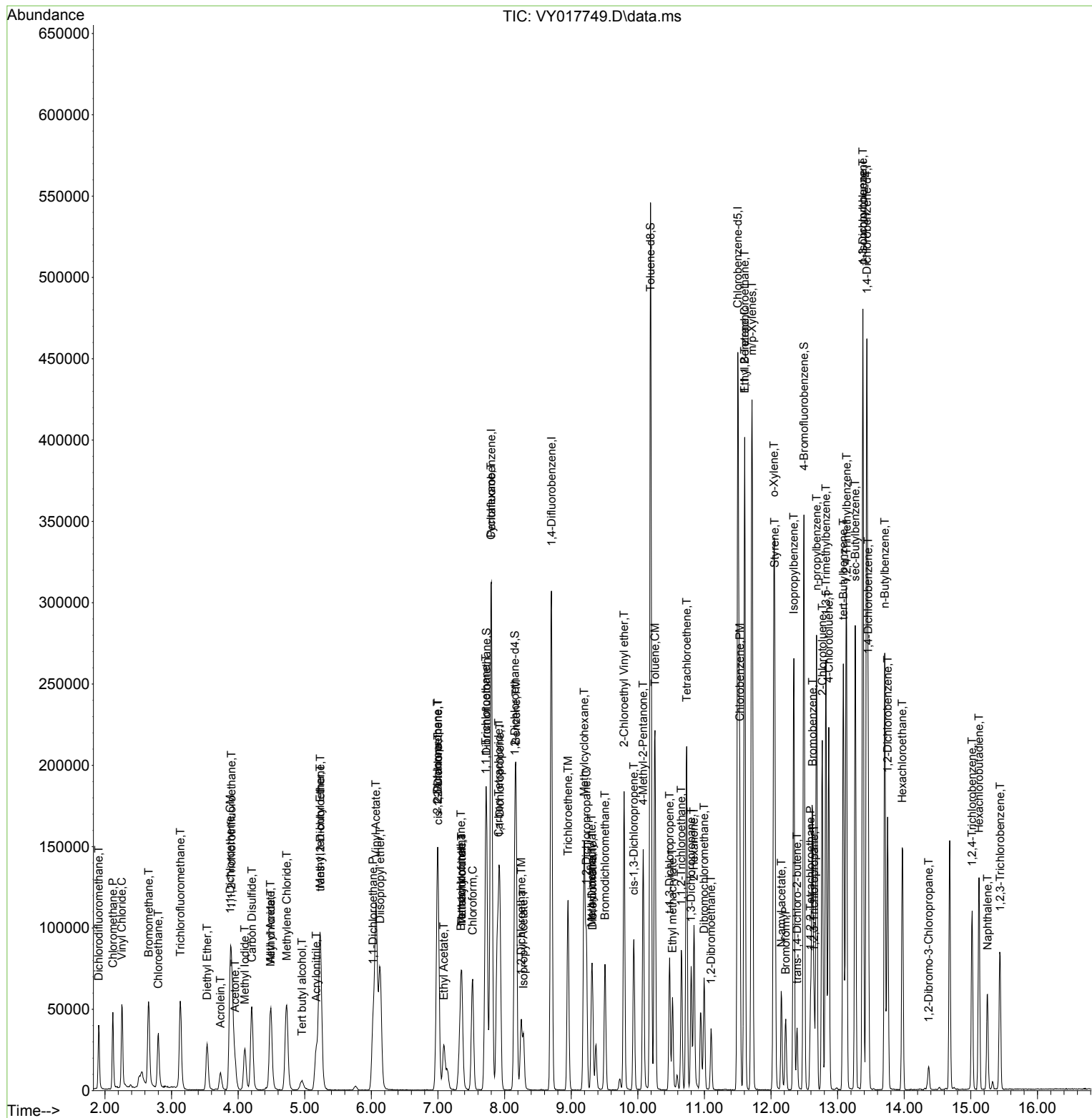
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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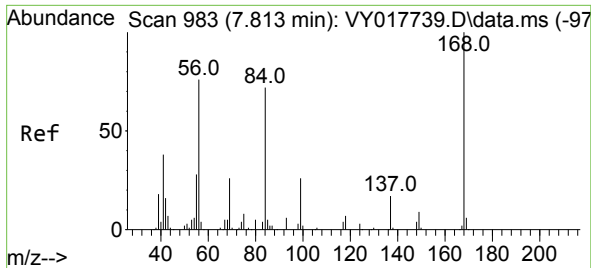
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Data File : VY017749.D
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
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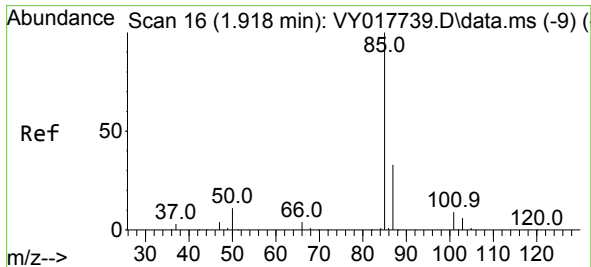
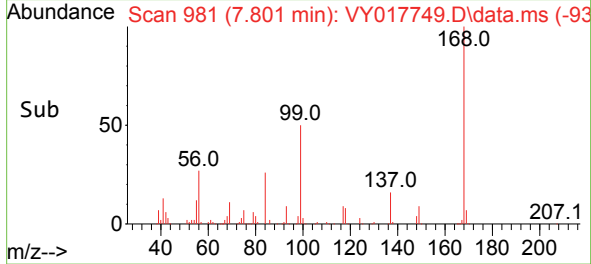
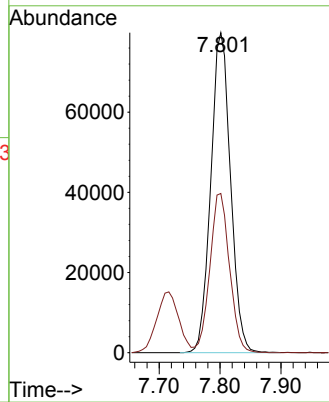
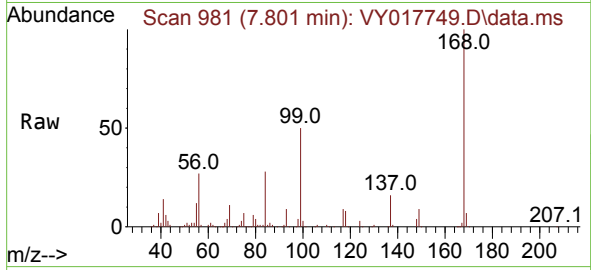




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017749.D
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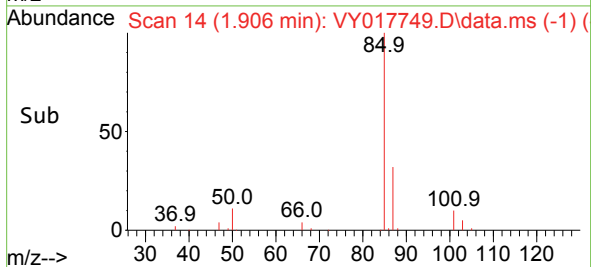
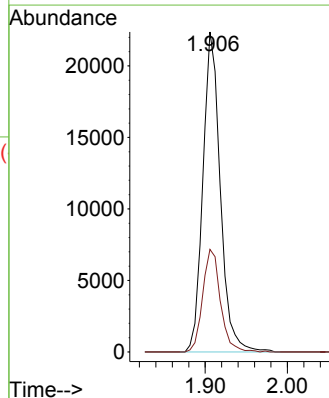
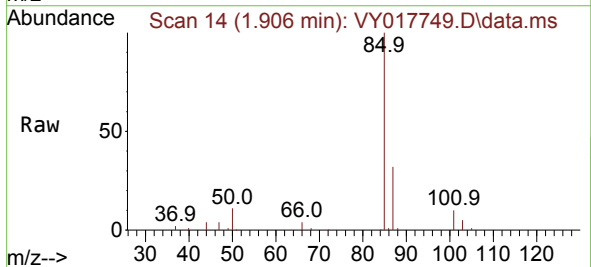
Instrument :
MSVOA_Y
ClientSampleId :
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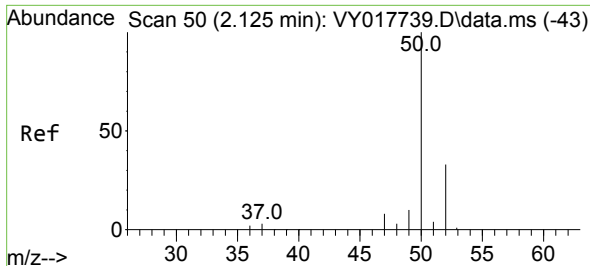
Tgt Ion:168 Resp: 179723
Ion Ratio Lower Upper
168 100
99 49.8 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 21.236 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion: 85 Resp: 32950
Ion Ratio Lower Upper
85 100
87 32.1 16.0 48.0

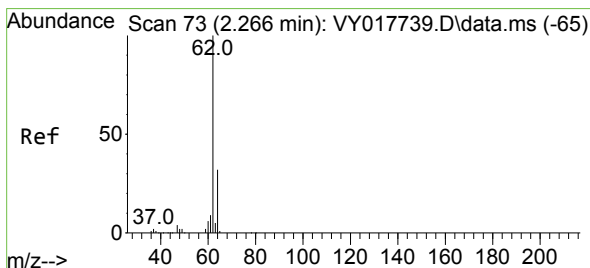
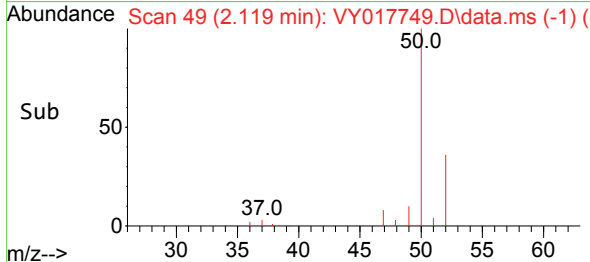
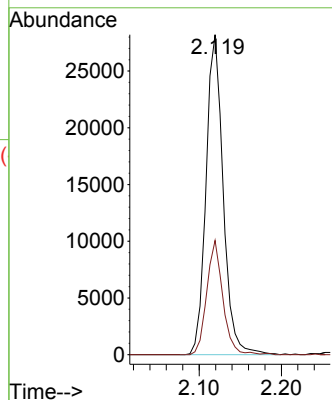
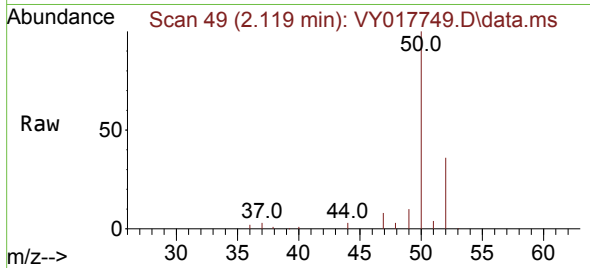




#3
Chloromethane
Concen: 20.333 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.006 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

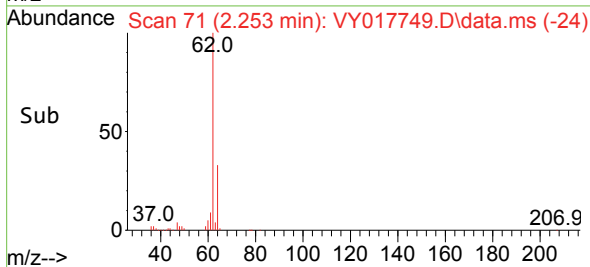
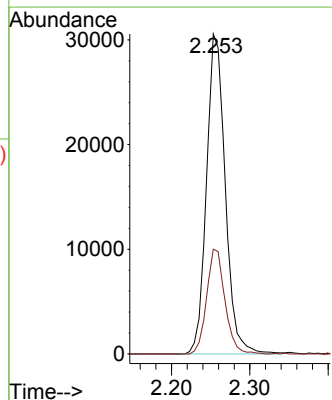
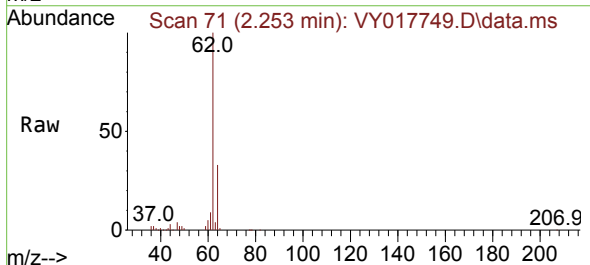
Instrument :
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ClientSampleId :
VY0325SBS01

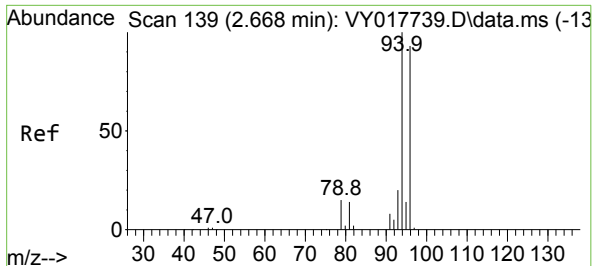
Tgt Ion: 50 Resp: 40870
Ion Ratio Lower Upper
50 100
52 35.7 25.6 38.4



#4
Vinyl Chloride
Concen: 20.892 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.012 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion: 62 Resp: 50774
Ion Ratio Lower Upper
62 100
64 32.7 26.1 39.1

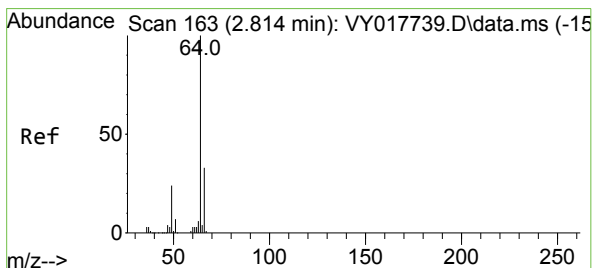
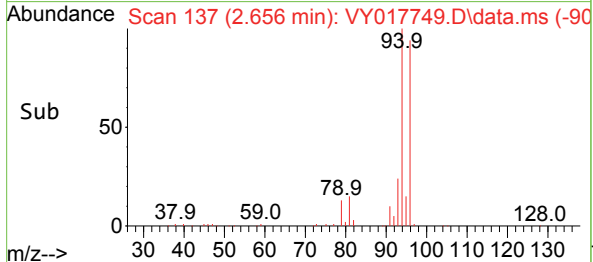
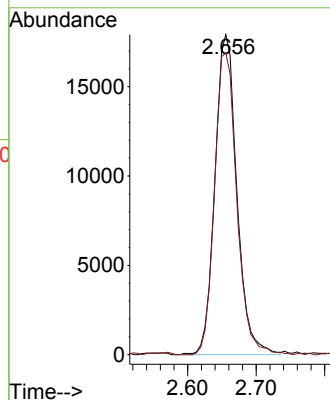
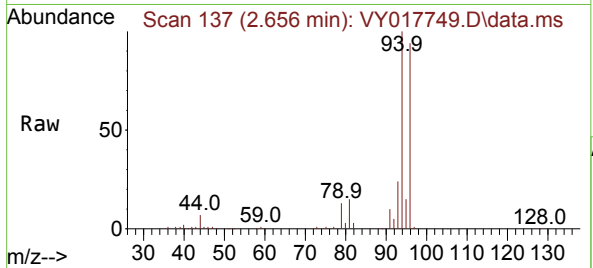




#5
Bromomethane
Concen: 21.000 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

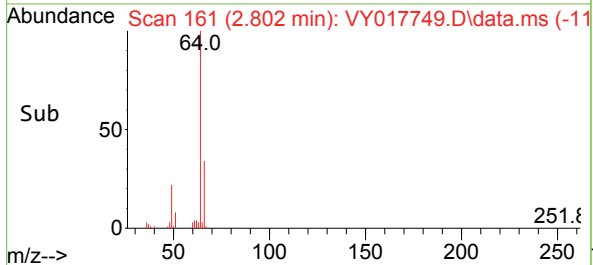
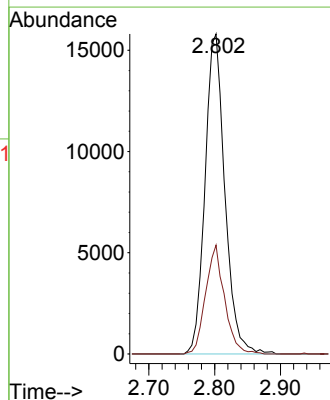
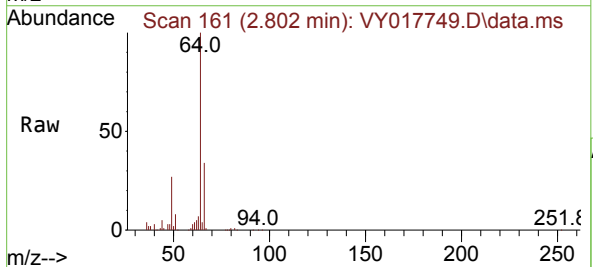
Instrument :
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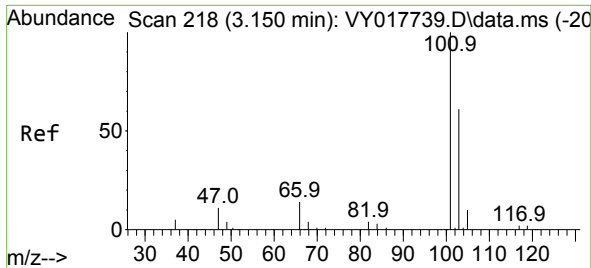
Tgt Ion: 94 Resp: 39849
Ion Ratio Lower Upper
94 100
96 94.3 74.1 111.1



#6
Chloroethane
Concen: 20.439 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.012 min
Lab File: VY017749.D
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Tgt Ion: 64 Resp: 33197
Ion Ratio Lower Upper
64 100
66 34.0 26.1 39.1

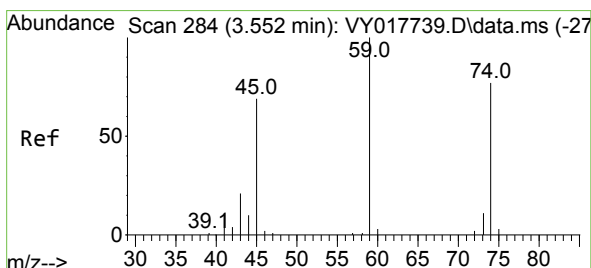
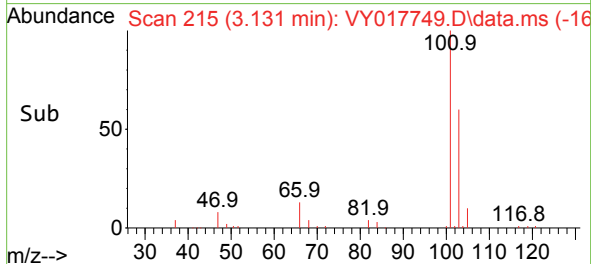
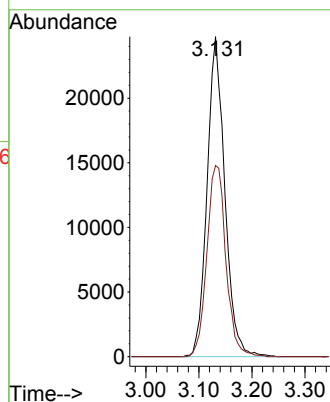
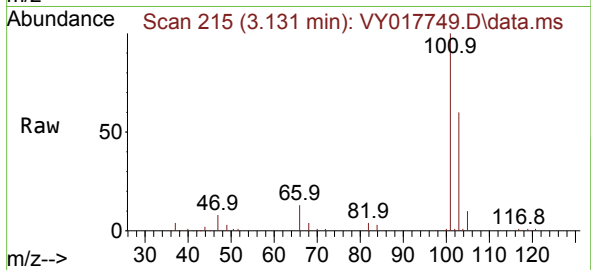




#7
 Trichlorofluoromethane
 Concen: 22.418 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. -0.018 min
 Lab File: VY017749.D
 Acq: 25 Mar 2024 11:34

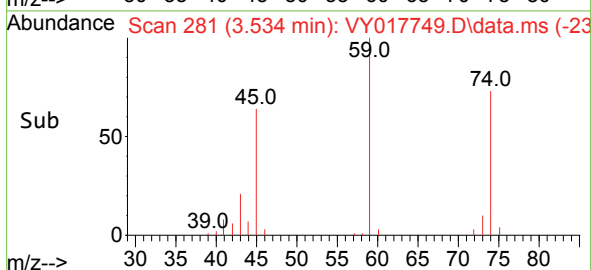
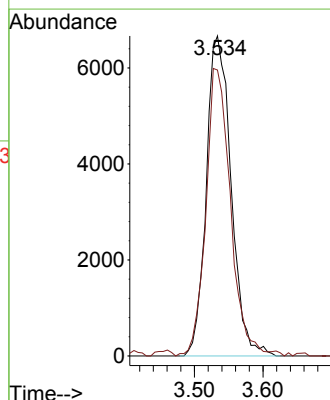
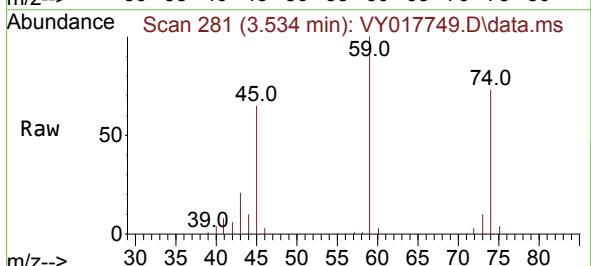
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

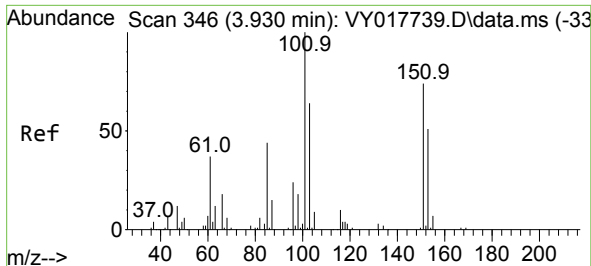
Tgt Ion:101 Resp: 57425
 Ion Ratio Lower Upper
 101 100
 103 59.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.817 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.018 min
 Lab File: VY017749.D
 Acq: 25 Mar 2024 11:34

Tgt Ion: 74 Resp: 16736
 Ion Ratio Lower Upper
 74 100
 45 89.7 41.3 124.1

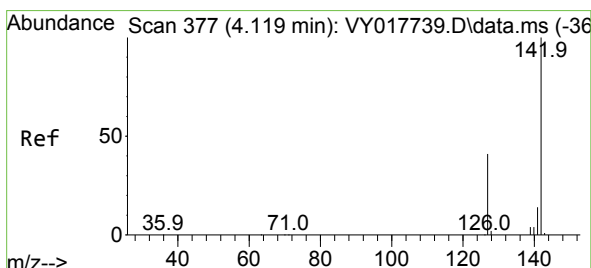
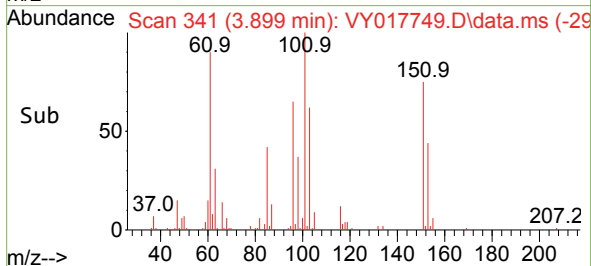
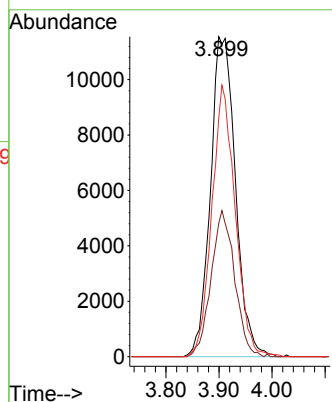
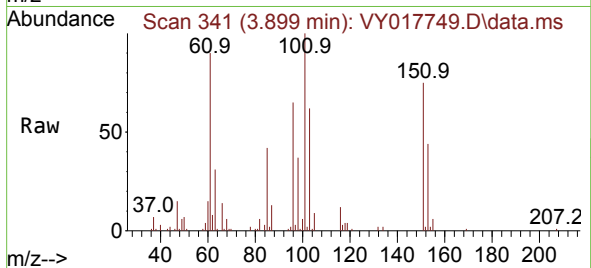




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.776 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.031 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

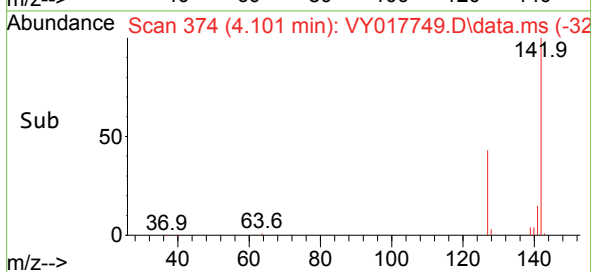
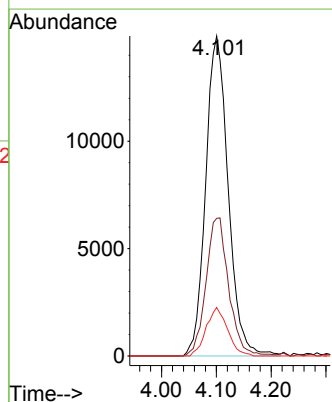
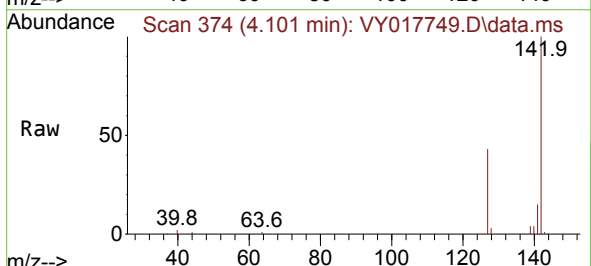
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

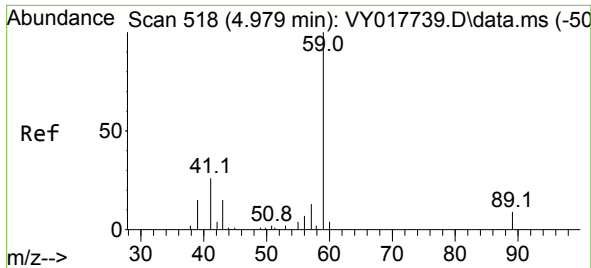
Tgt Ion:	101	Resp:	37884
Ion	Ratio	Lower	Upper
101	100		
85	42.9	34.5	51.7
151	79.2	61.7	92.5



#10
Methyl Iodide
Concen: 19.057 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.018 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion:	142	Resp:	42479
Ion	Ratio	Lower	Upper
142	100		
127	43.4	32.8	49.2
141	14.4	11.4	17.2

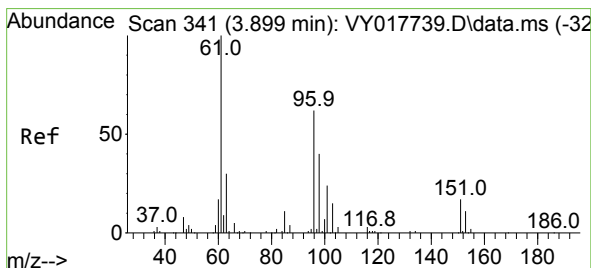
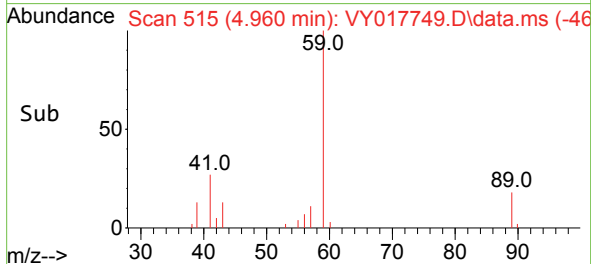
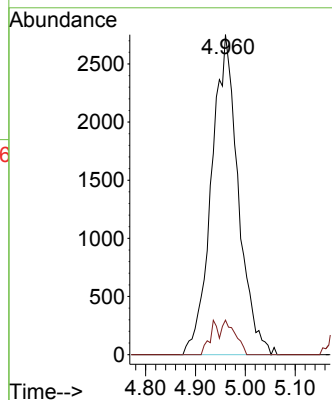
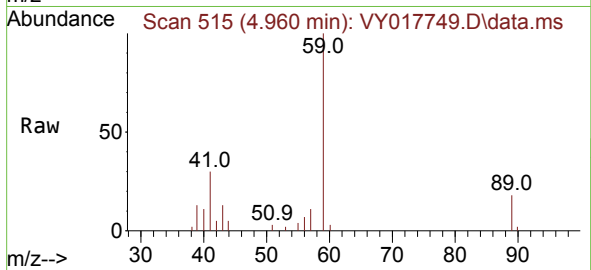




#11
Tert butyl alcohol
Concen: 98.692 ug/l
RT: 4.960 min Scan# 518
Delta R.T. -0.018 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

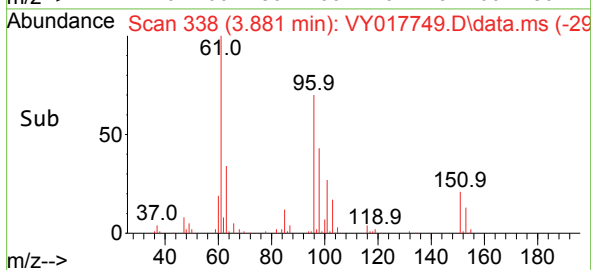
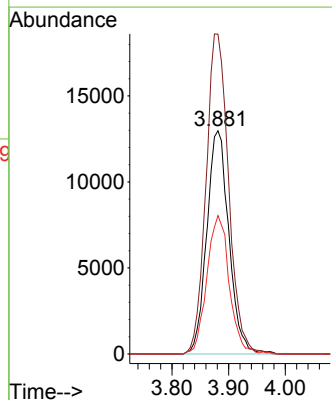
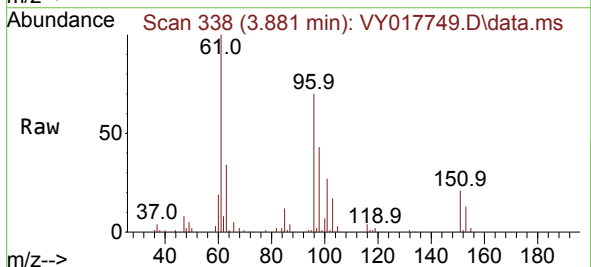
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

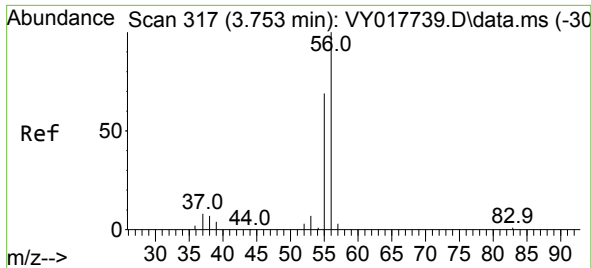
Tgt Ion: 59 Resp: 10278
Ion Ratio Lower Upper
59 100
57 5.4 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 20.554 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.018 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion: 96 Resp: 35255
Ion Ratio Lower Upper
96 100
61 143.3 114.6 171.8
98 62.0 50.8 76.2

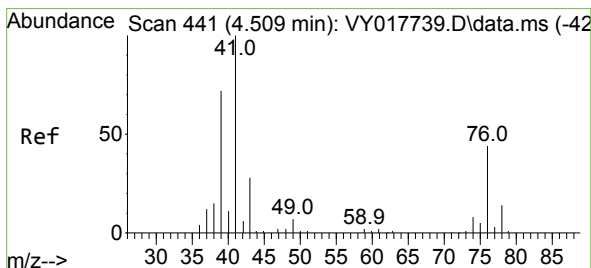
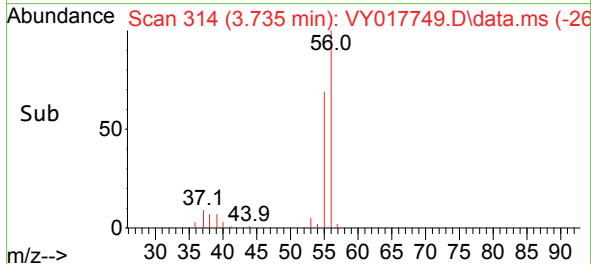
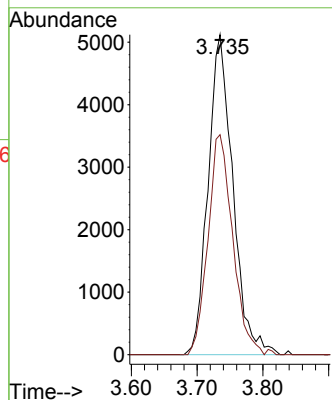
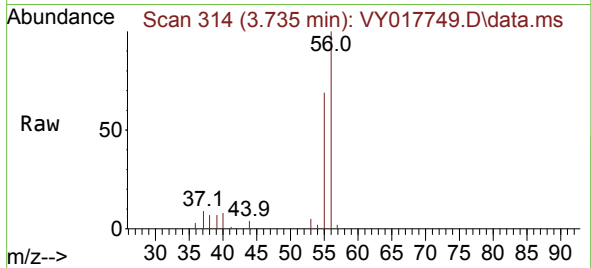




#13
Acrolein
Concen: 106.704 ug/l
RT: 3.735 min Scan# 317
Delta R.T. -0.018 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

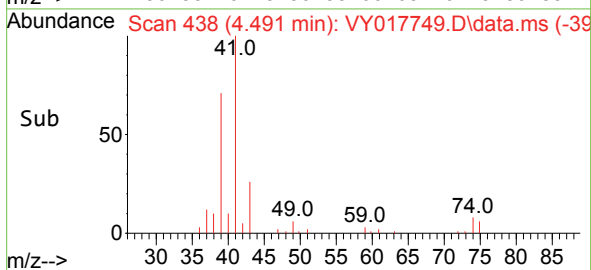
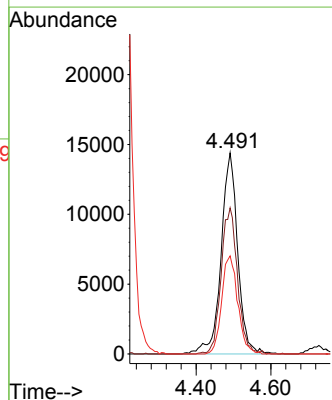
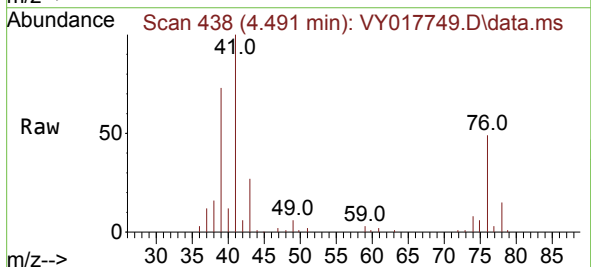
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

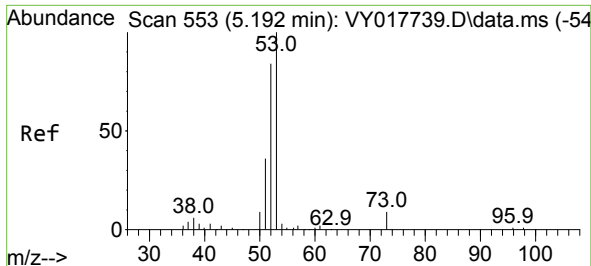
Tgt Ion: 56 Resp: 13395
Ion Ratio Lower Upper
56 100
55 68.6 55.7 83.5



#14
Allyl chloride
Concen: 19.142 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.018 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion: 41 Resp: 44496
Ion Ratio Lower Upper
41 100
39 71.6 58.3 87.5
76 47.1 39.0 58.6

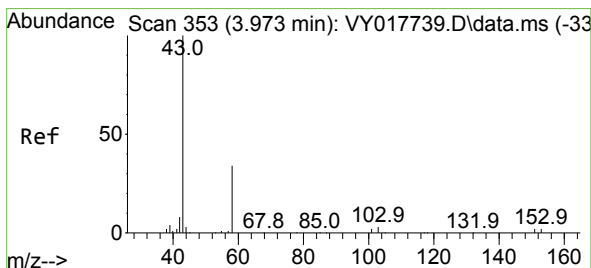
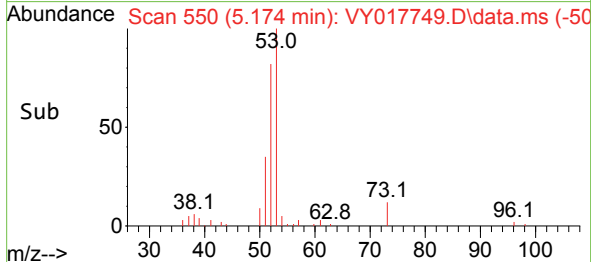
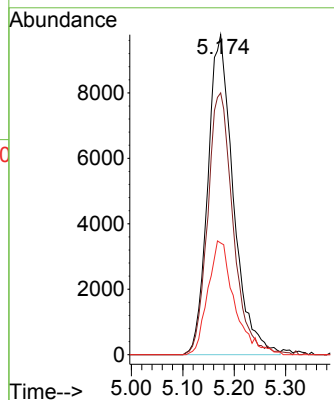
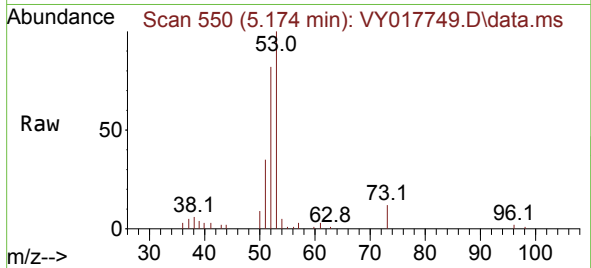




#15
Acrylonitrile
Concen: 96.337 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

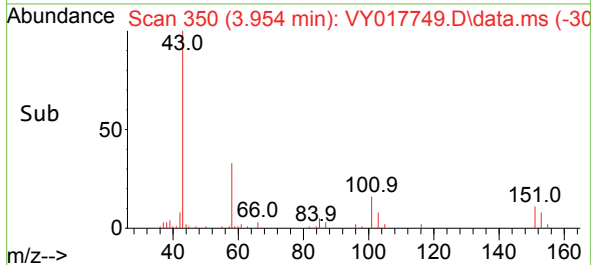
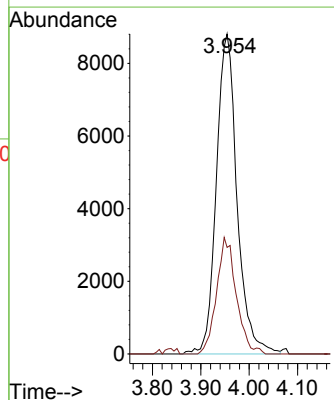
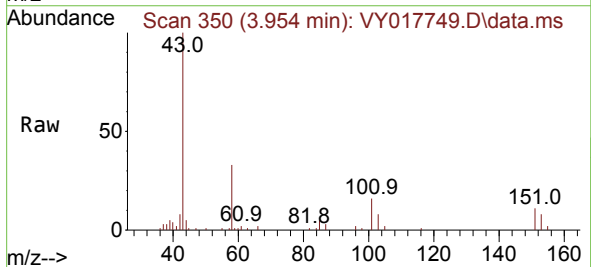
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

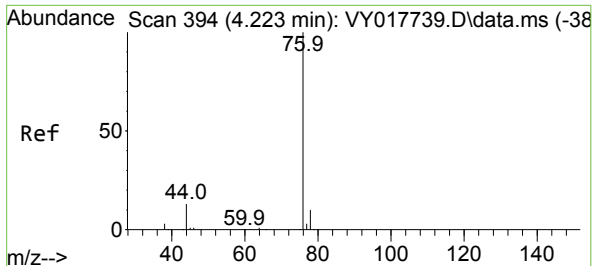
Tgt Ion: 53	Resp: 33703
Ion Ratio	Lower Upper
53	100
52	81.5 64.7 97.1
51	37.2 28.4 42.6



#16
Acetone
Concen: 95.633 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.018 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion: 43	Resp: 26190
Ion Ratio	Lower Upper
43	100
58	33.3 31.7 47.5

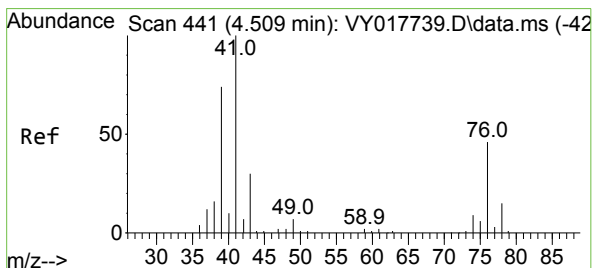
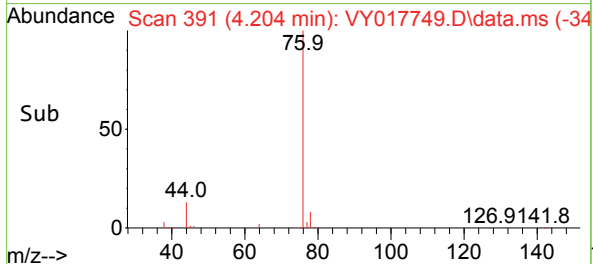
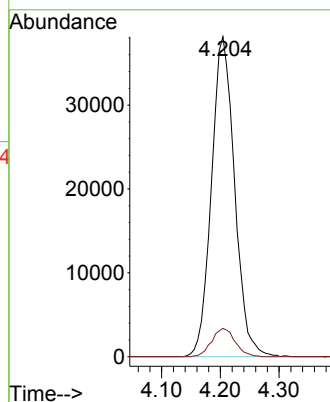
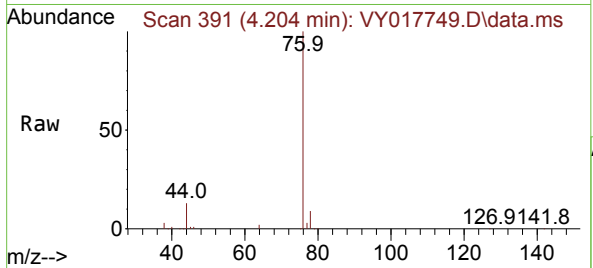




#17
Carbon Disulfide
Concen: 18.182 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.018 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

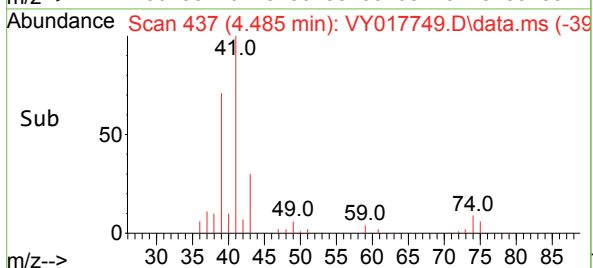
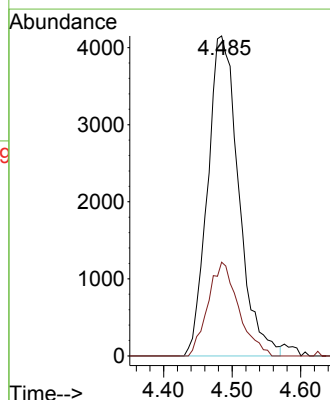
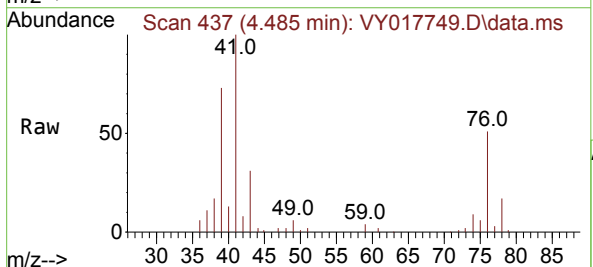
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBSD01

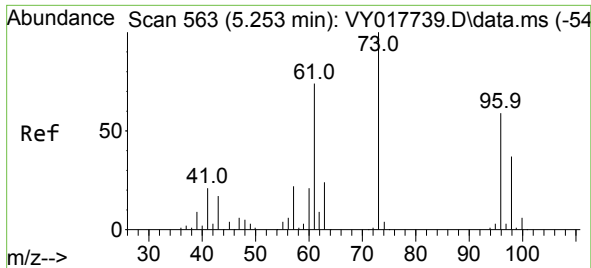
Tgt Ion: 76 Resp: 104352
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 18.915 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.024 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion: 43 Resp: 13042
Ion Ratio Lower Upper
43 100
74 28.9 23.3 34.9

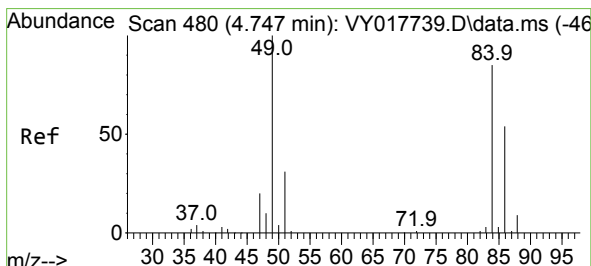
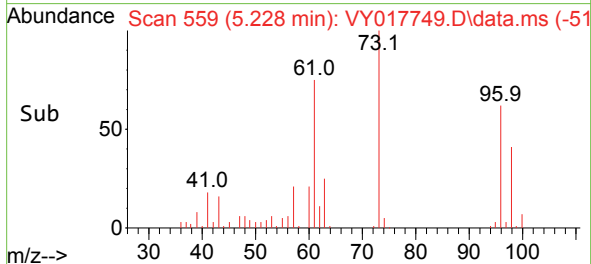
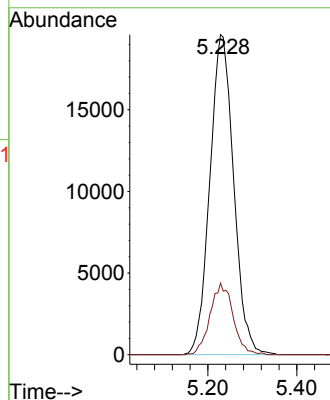
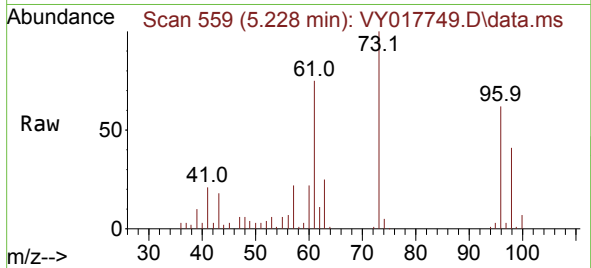




#19
Methyl tert-butyl Ether
Concen: 19.700 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

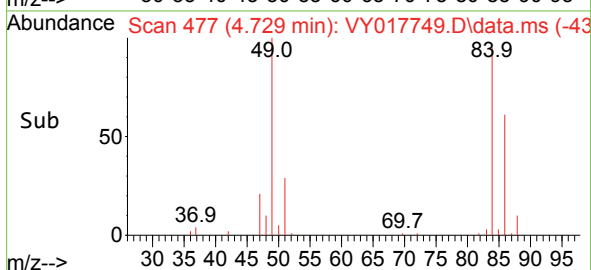
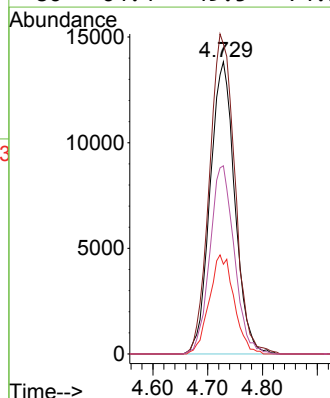
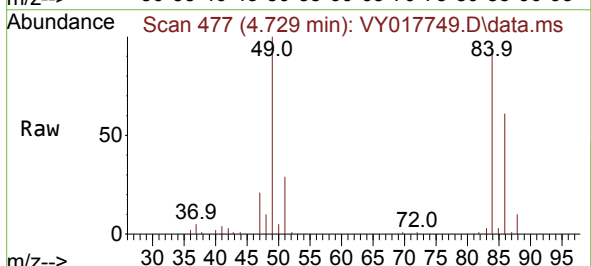
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

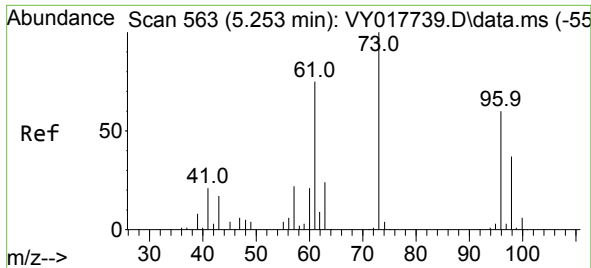
Tgt Ion: 73 Resp: 72855
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9



#20
Methylene Chloride
Concen: 21.679 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.018 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion: 84 Resp: 43178
Ion Ratio Lower Upper
84 100
49 106.1 84.4 126.6
51 30.8 26.0 39.0
86 64.4 49.5 74.3

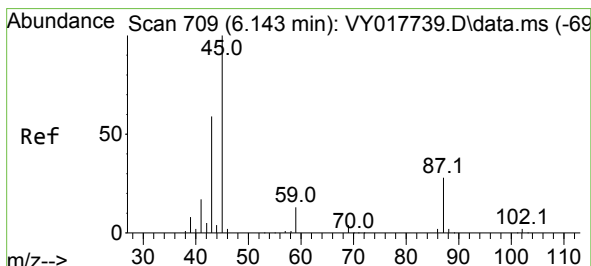
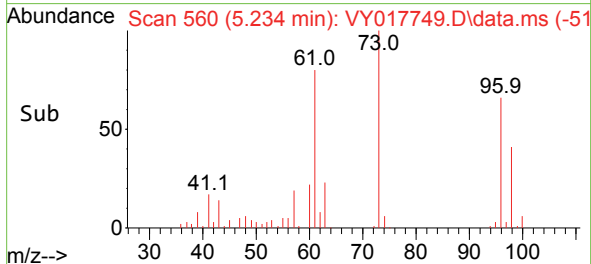
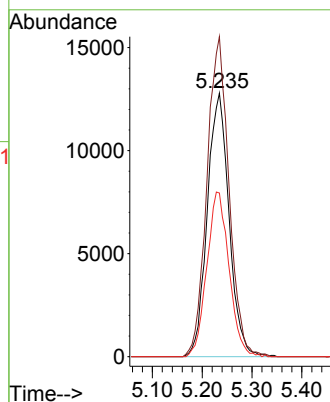
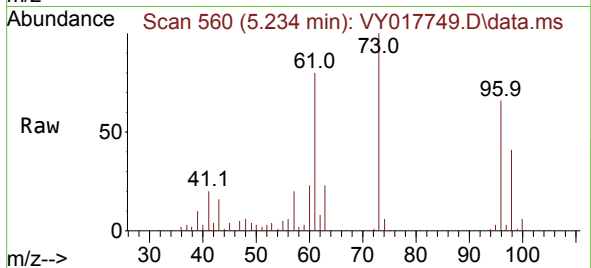




#21
trans-1,2-Dichloroethene
Concen: 19.840 ug/l
RT: 5.234 min Scan# 501
Delta R.T. -0.018 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

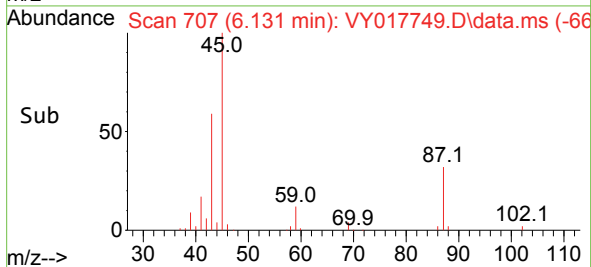
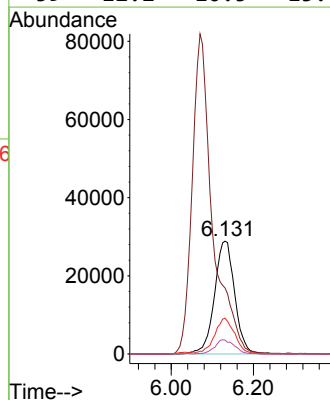
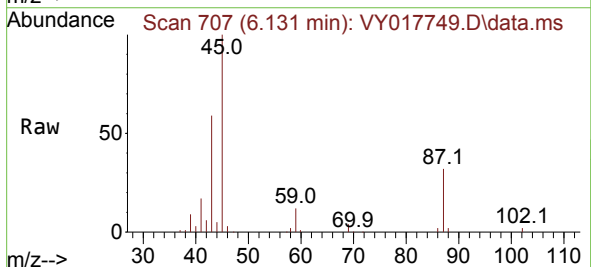
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

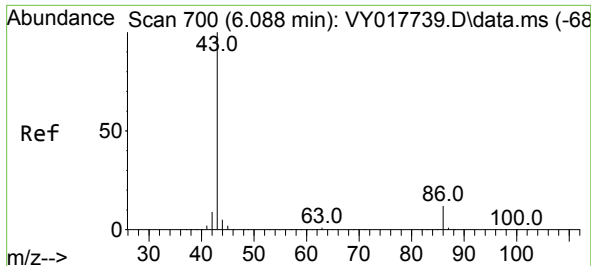
Tgt Ion: 96 Resp: 38794
Ion Ratio Lower Upper
96 100
61 121.4 97.5 146.3
98 62.1 50.5 75.7



#22
Diisopropyl ether
Concen: 19.495 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.012 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion: 45 Resp: 98669
Ion Ratio Lower Upper
45 100
43 58.0 42.2 63.2
87 31.8 25.0 37.6
59 12.2 10.5 15.7

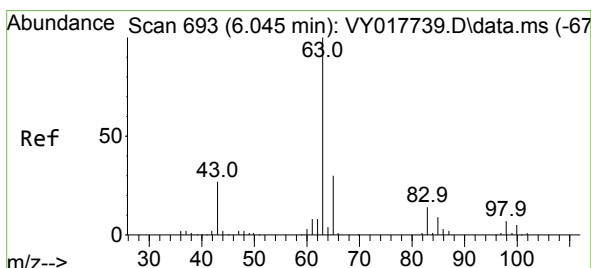
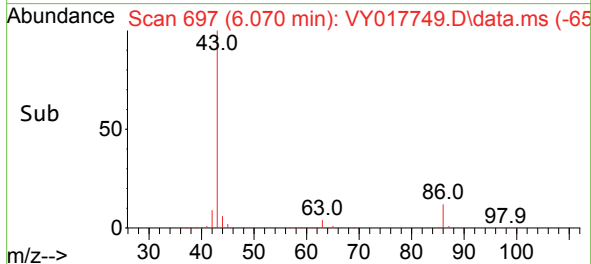
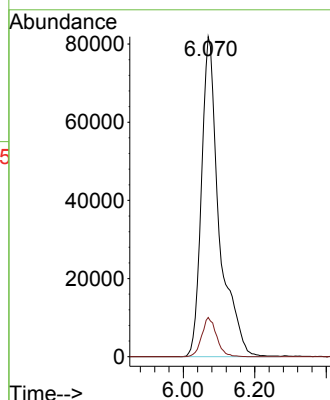
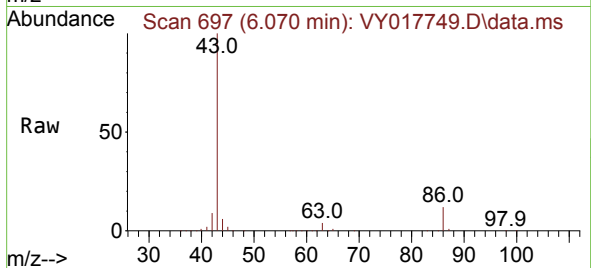




#23
 Vinyl Acetate
 Concen: 94.642 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.018 min
 Lab File: VY017749.D
 Acq: 25 Mar 2024 11:34

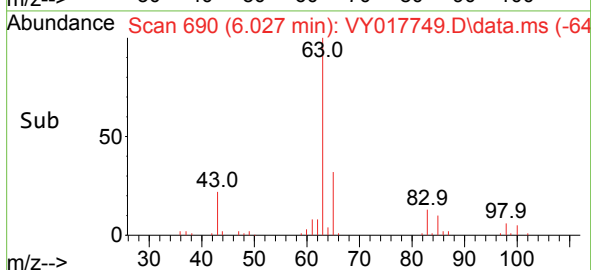
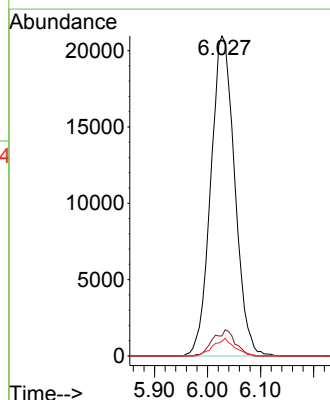
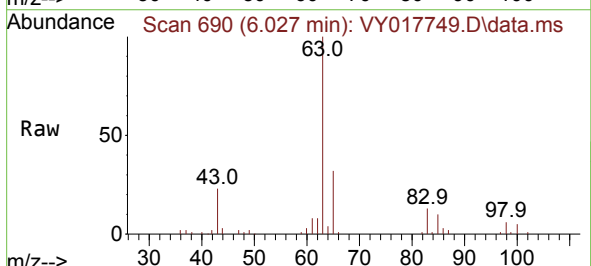
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

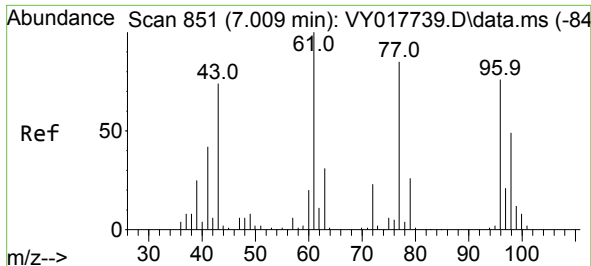
Tgt Ion: 43 Resp: 281341
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.786 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.018 min
 Lab File: VY017749.D
 Acq: 25 Mar 2024 11:34

Tgt Ion: 63 Resp: 65821
 Ion Ratio Lower Upper
 63 100
 98 6.2 4.0 12.2
 100 4.6 2.6 8.0

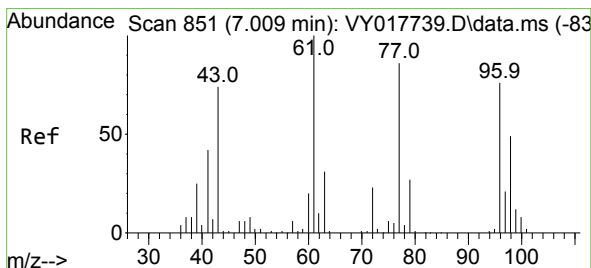
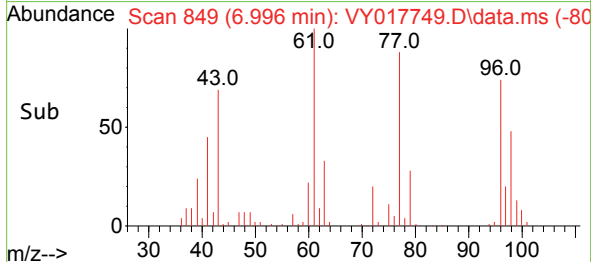
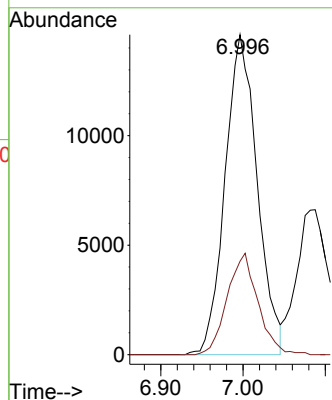
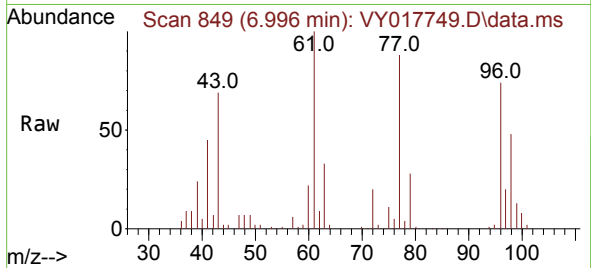




#25
2-Butanone
Concen: 90.491 ug/l
RT: 6.996 min Scan# 848
Delta R.T. -0.013 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

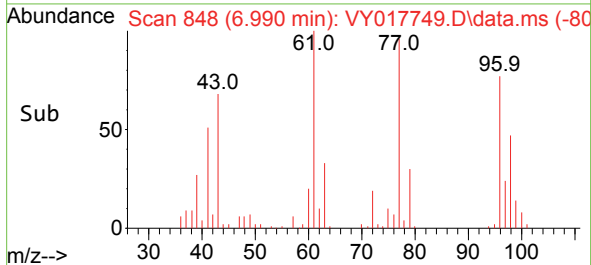
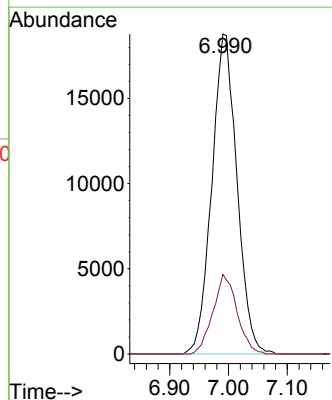
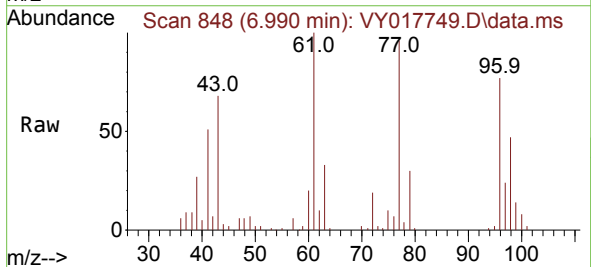
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

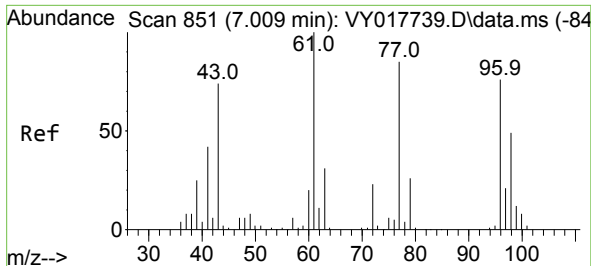
Tgt Ion: 43 Resp: 39653
Ion Ratio Lower Upper
43 100
72 29.2 27.3 40.9



#26
2,2-Dichloropropane
Concen: 19.725 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.018 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion: 77 Resp: 55778
Ion Ratio Lower Upper
77 100
97 23.8 12.0 36.1



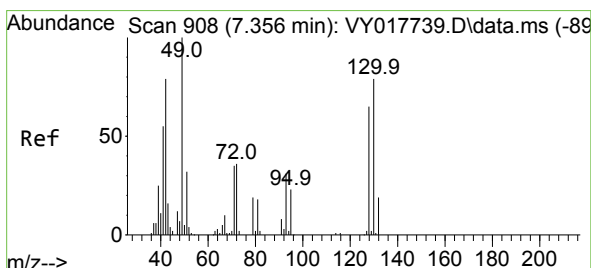
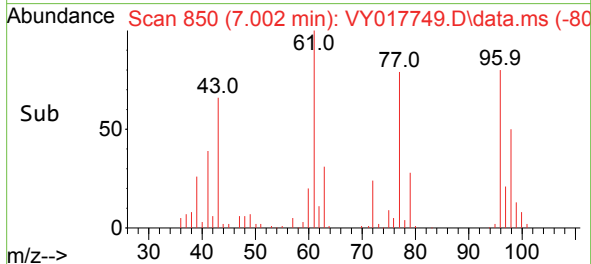
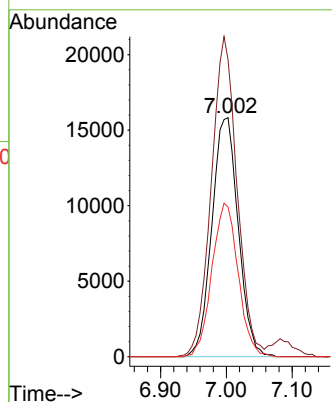
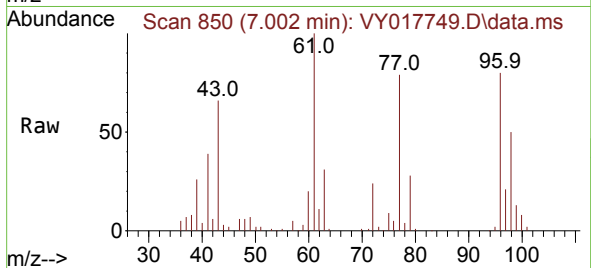


#27
 cis-1,2-Dichloroethene
 Concen: 19.969 ug/l
 RT: 7.002 min Scan# 851
 Delta R.T. -0.006 min
 Lab File: VY017749.D
 Acq: 25 Mar 2024 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBSD01

Tgt Ion: 96 Resp: 44168

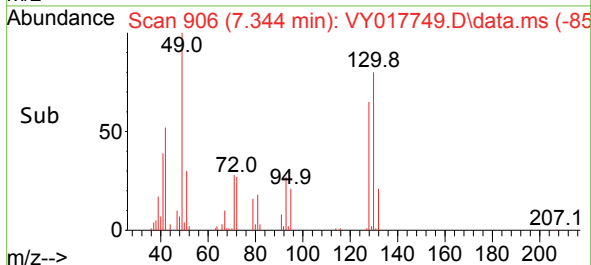
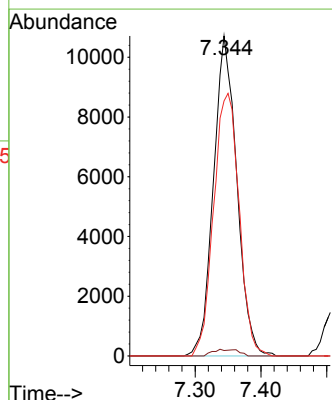
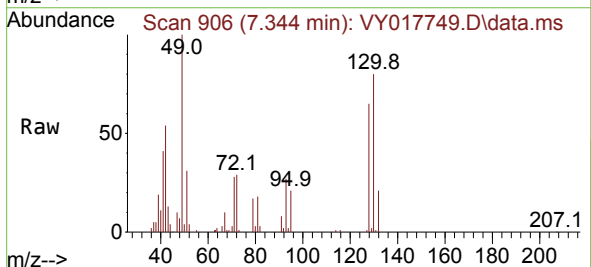
Ion	Ratio	Lower	Upper
96	100		
61	130.8	0.0	256.2
98	63.9	0.0	130.0

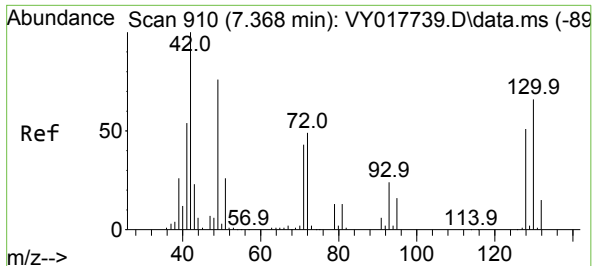


#28
 Bromochloromethane
 Concen: 20.504 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. -0.012 min
 Lab File: VY017749.D
 Acq: 25 Mar 2024 11:34

Tgt Ion: 49 Resp: 26444

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	89.5	72.7	109.1





#29

Tetrahydrofuran

Concen: 91.675 ug/l

RT: 7.356 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

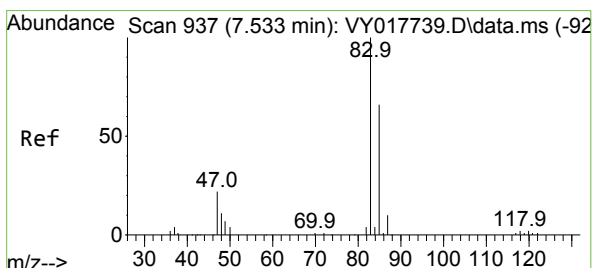
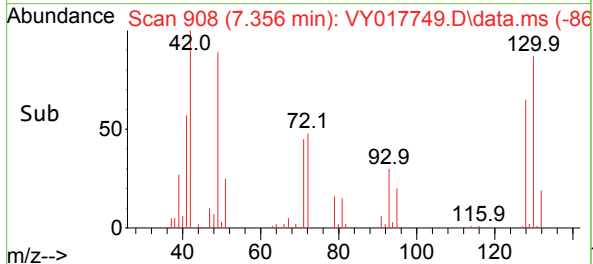
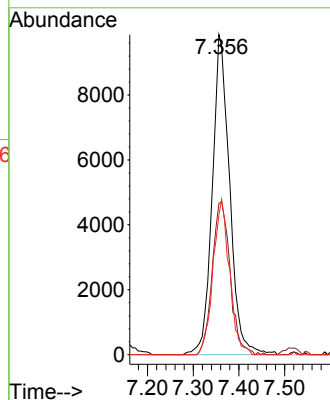
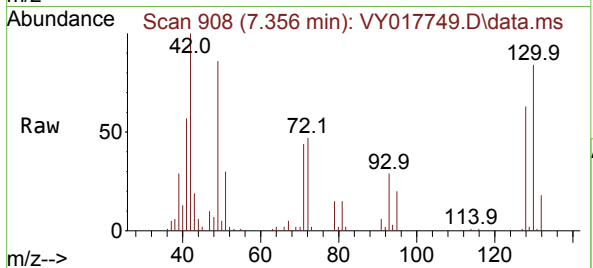
Tgt Ion: 42 Resp: 25996

Ion Ratio Lower Upper

42 100

72 49.2 43.0 64.4

71 46.1 40.8 61.2



#30

Chloroform

Concen: 19.809 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.012 min

Lab File: VY017749.D

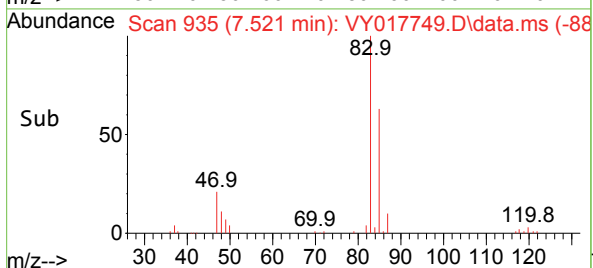
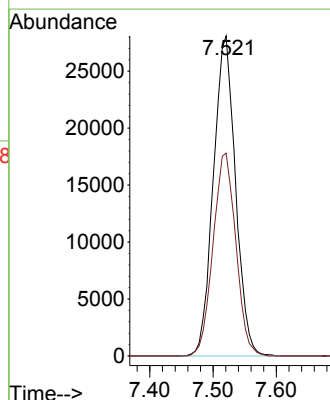
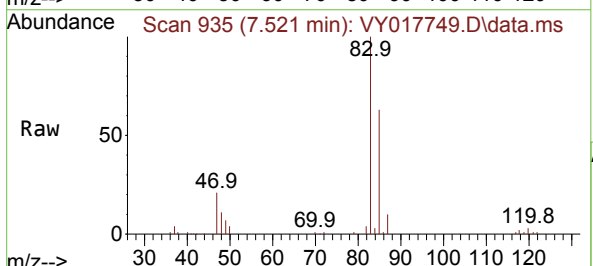
Acq: 25 Mar 2024 11:34

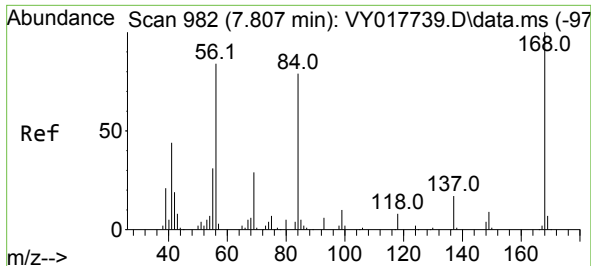
Tgt Ion: 83 Resp: 68314

Ion Ratio Lower Upper

83 100

85 63.4 52.2 78.4

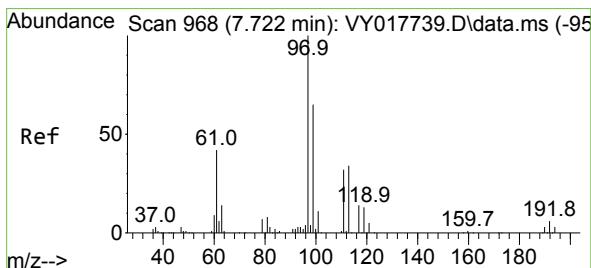
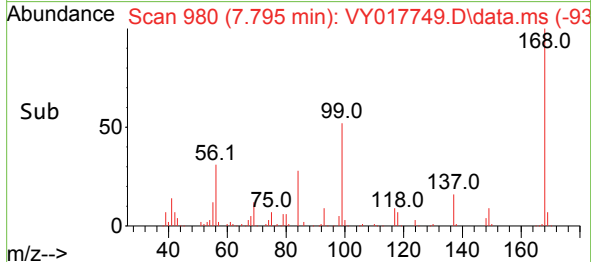
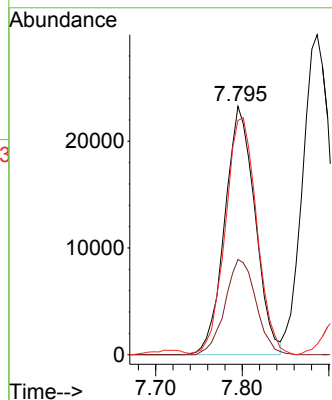
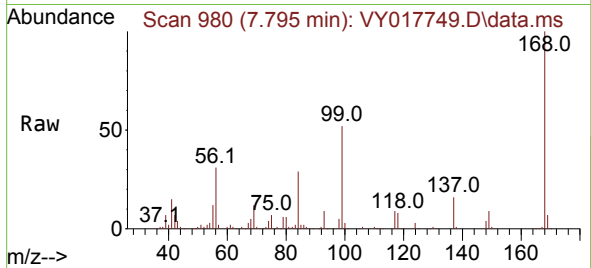




#31
Cyclohexane
Concen: 18.289 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

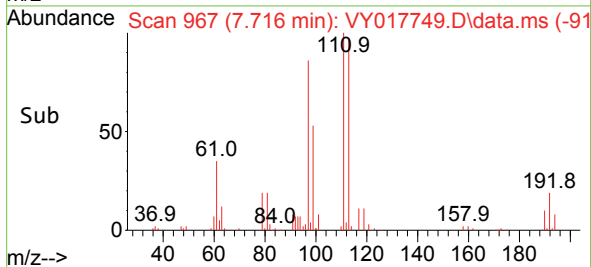
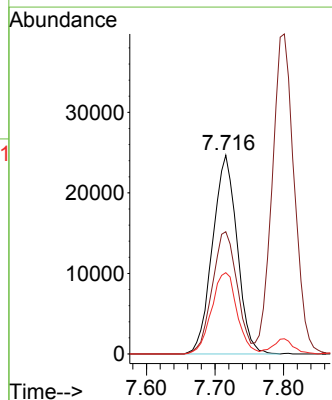
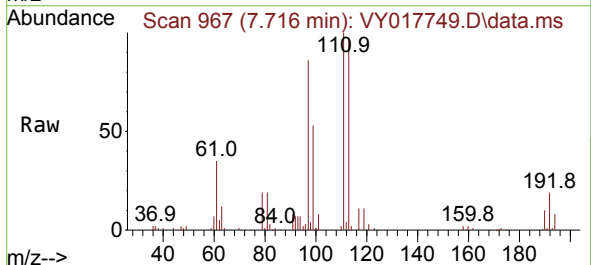
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

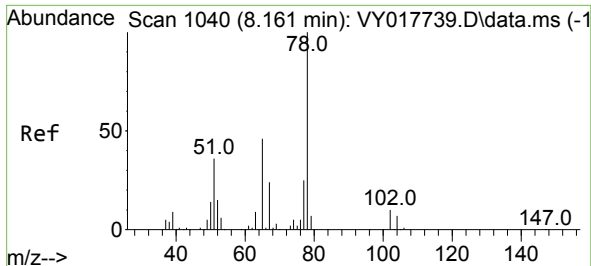
Tgt Ion: 56 Resp: 56634
Ion Ratio Lower Upper
56 100
69 38.3 28.7 43.1
84 92.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.448 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion: 97 Resp: 61415
Ion Ratio Lower Upper
97 100
99 62.2 50.3 75.5
61 42.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.825 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

Instrument :

MSVOA_Y

ClientSampleId :

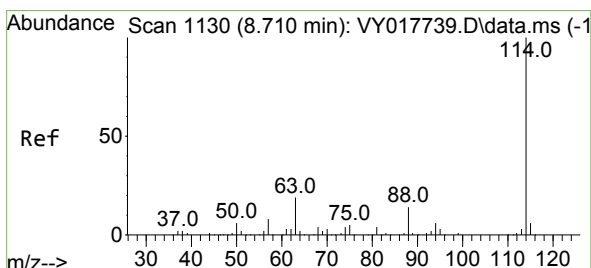
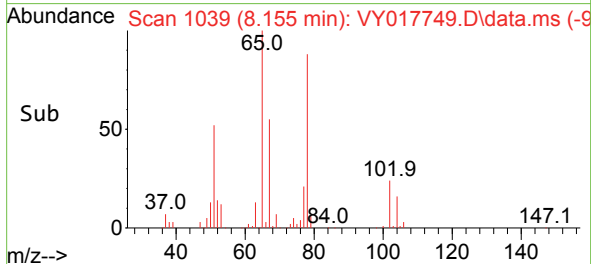
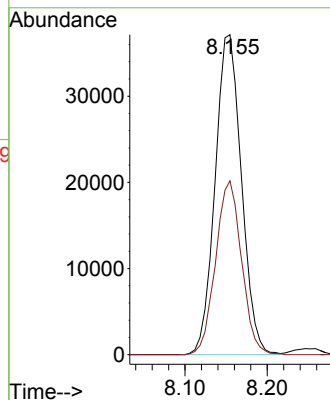
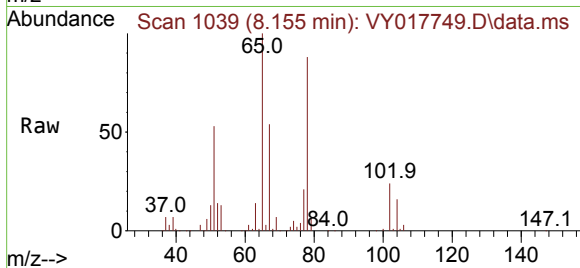
VY0325SBS01

Tgt Ion: 65 Resp: 82709

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

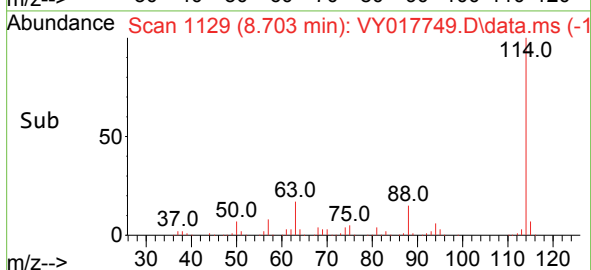
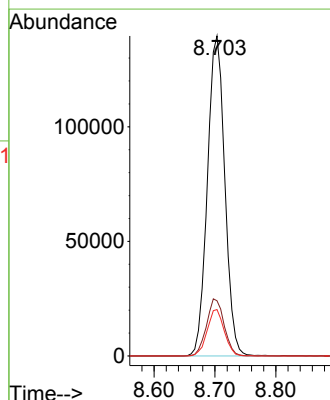
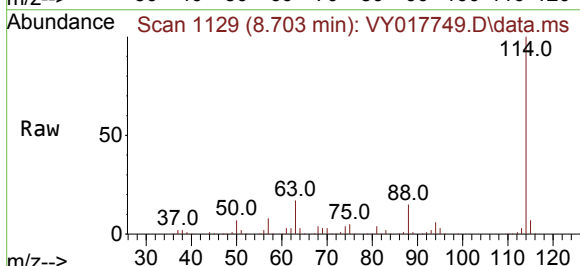
Tgt Ion: 114 Resp: 277735

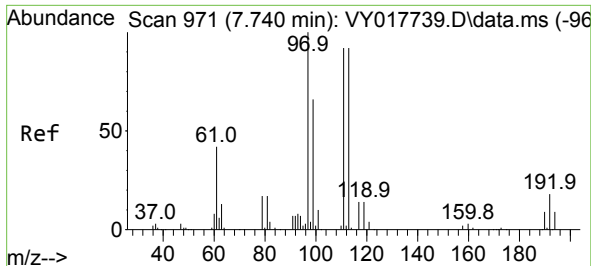
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 14.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 55.995 ug/l

RT: 7.728 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY017749.D

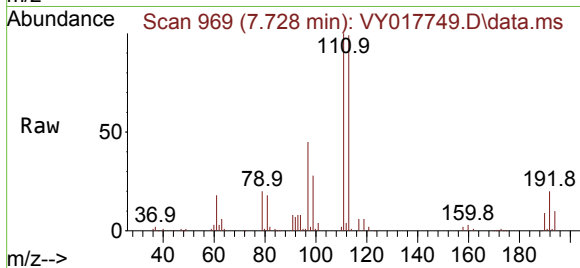
Acq: 25 Mar 2024 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01



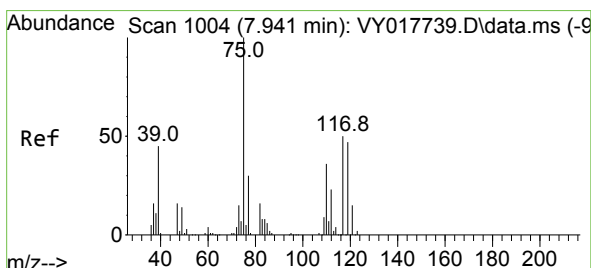
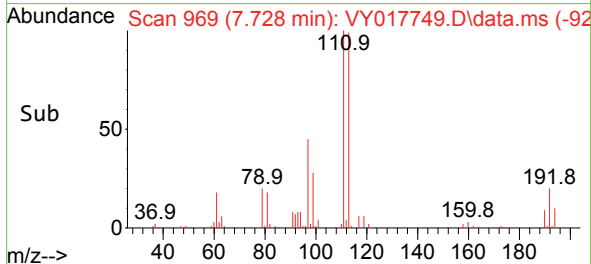
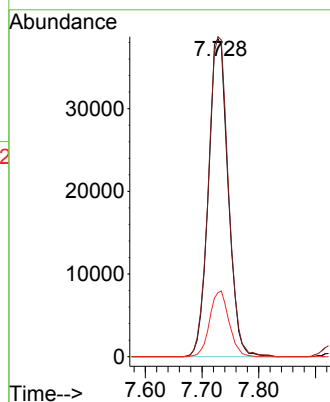
Tgt Ion:113 Resp: 92961

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 20.2 15.9 23.9



#36

1,1-Dichloropropene

Concen: 19.898 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. -0.012 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

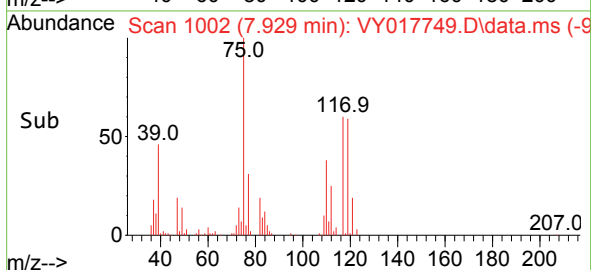
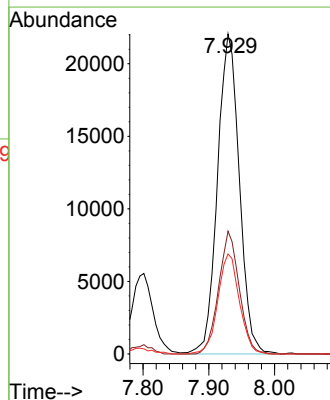
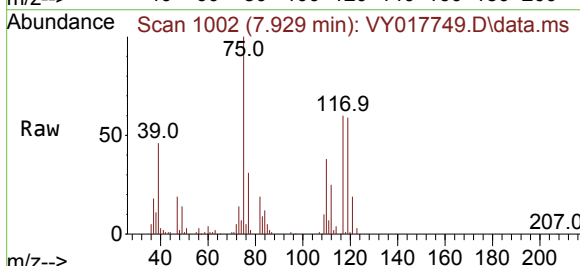
Tgt Ion: 75 Resp: 51036

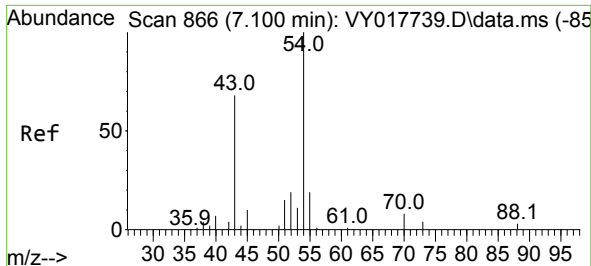
Ion Ratio Lower Upper

75 100

110 36.2 19.0 57.0

77 30.8 25.3 37.9





#37

Ethyl Acetate

Concen: 19.344 ug/l

RT: 7.088 min Scan# 8

Delta R.T. -0.012 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

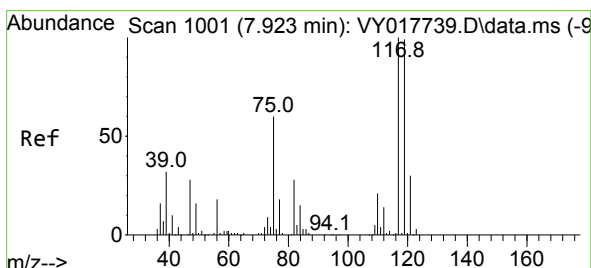
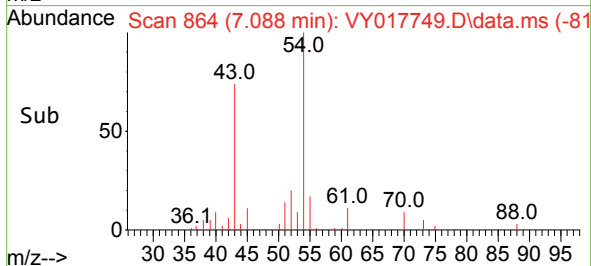
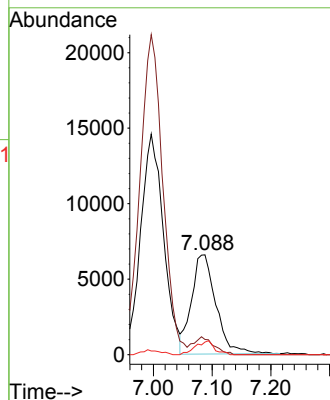
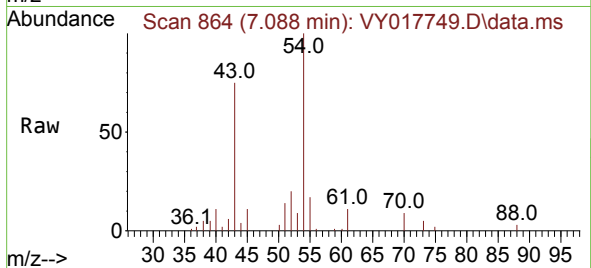
Tgt Ion: 43 Resp: 19065

Ion Ratio Lower Upper

43 100

61 14.8 12.6 19.0

70 10.7 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.374 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.012 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

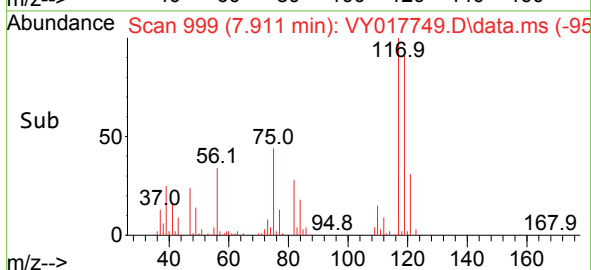
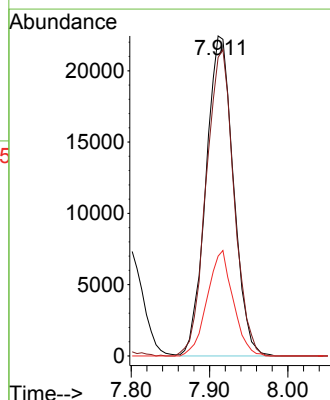
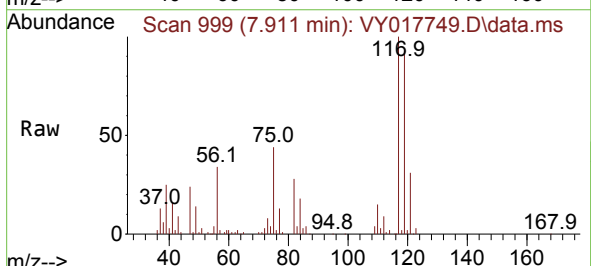
Tgt Ion: 117 Resp: 54716

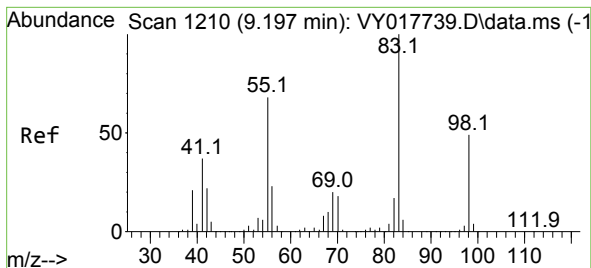
Ion Ratio Lower Upper

117 100

119 93.3 75.8 113.6

121 31.2 24.0 36.0





#39

Methylcyclohexane

Concen: 19.466 ug/l

RT: 9.197 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBSD01

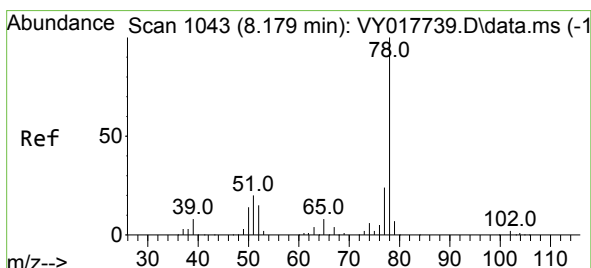
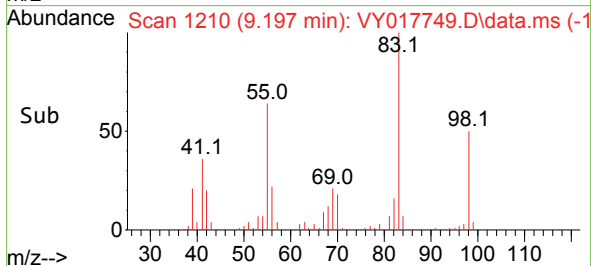
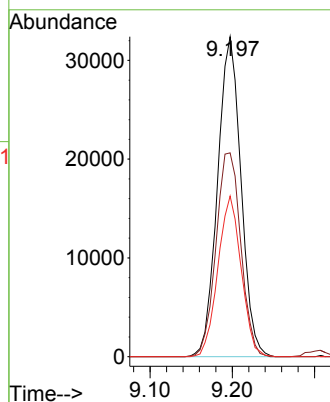
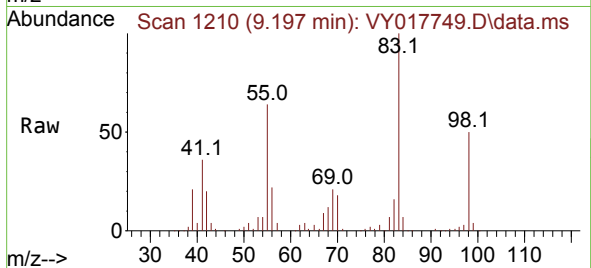
Tgt Ion: 83 Resp: 64090

Ion Ratio Lower Upper

83 100

55 63.7 51.5 77.3

98 50.2 40.5 60.7



#40

Benzene

Concen: 19.914 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VY017749.D

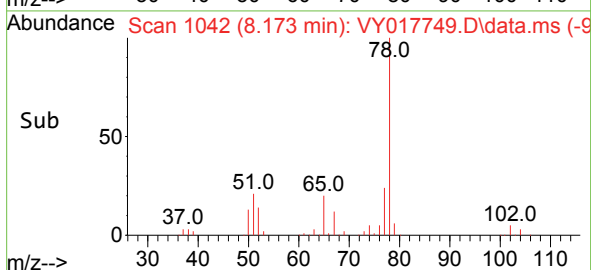
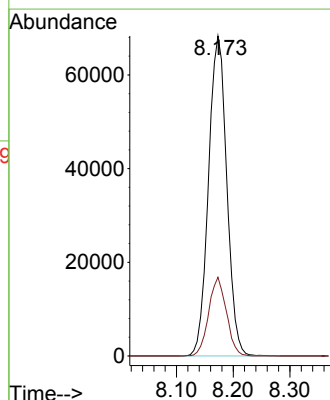
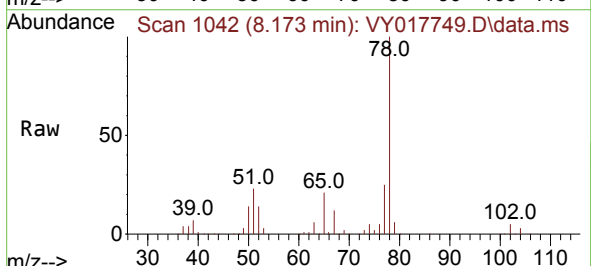
Acq: 25 Mar 2024 11:34

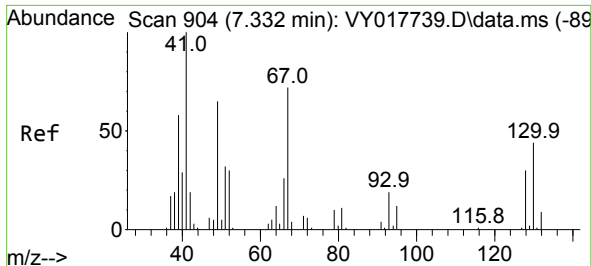
Tgt Ion: 78 Resp: 152890

Ion Ratio Lower Upper

78 100

77 24.6 19.5 29.3

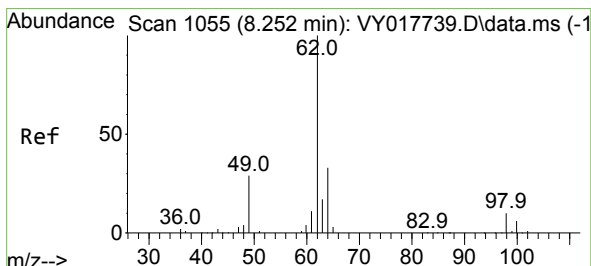
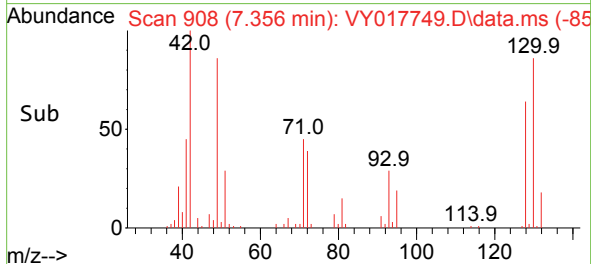
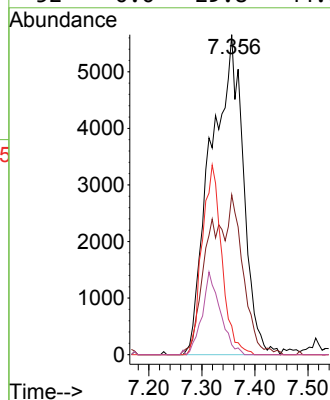
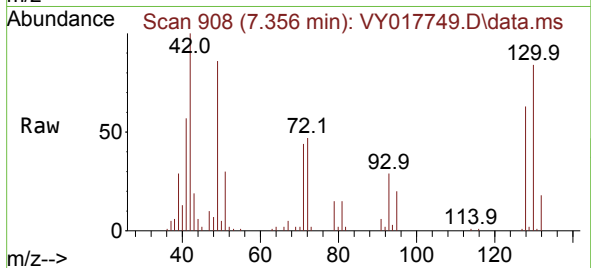




#41
Methacrylonitrile
Concen: 49.342 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.024 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

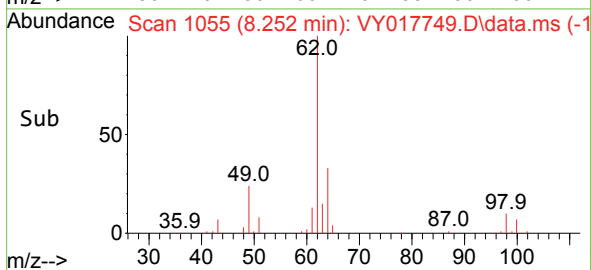
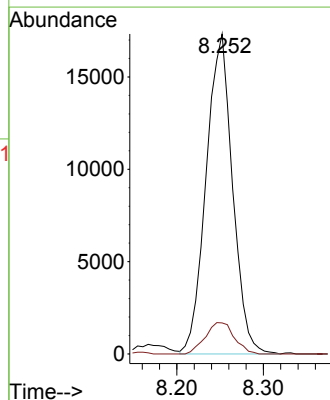
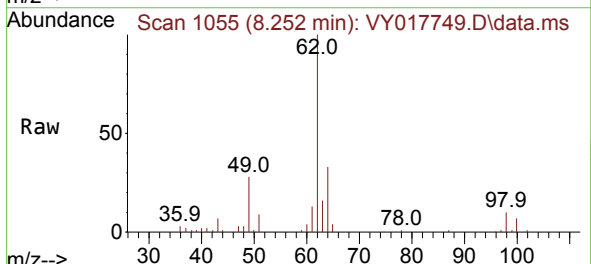
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

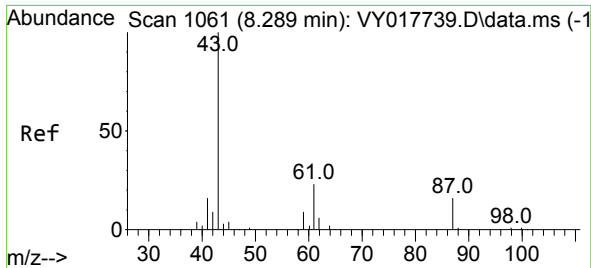
Tgt Ion: 41 Resp: 24021
Ion Ratio Lower Upper
41 100
39 23.9 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 19.966 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion: 62 Resp: 36715
Ion Ratio Lower Upper
62 100
98 10.7 0.0 22.0

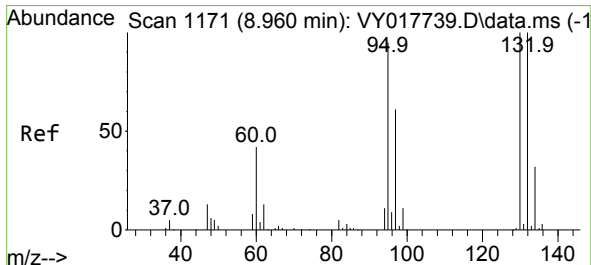
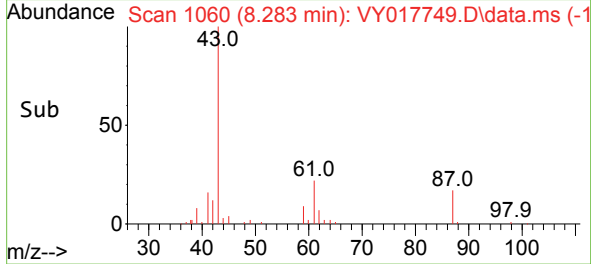
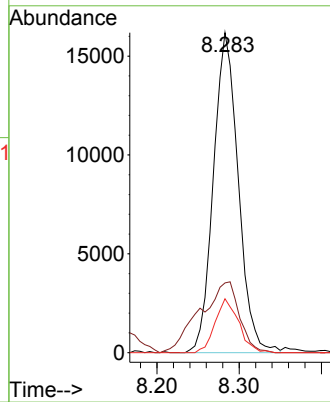
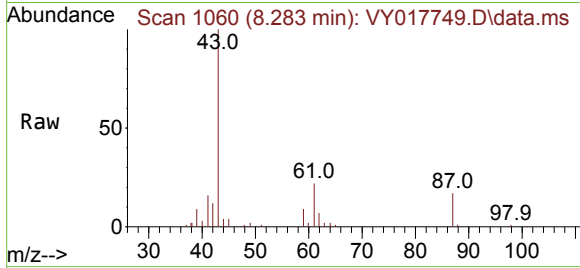




#43
Isopropyl Acetate
Concen: 17.930 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

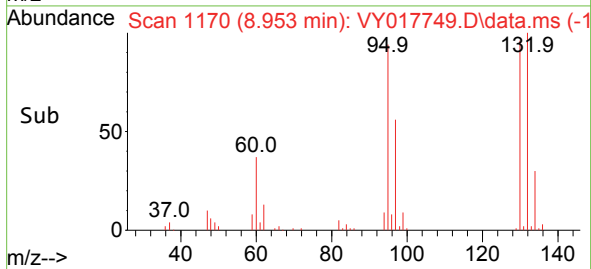
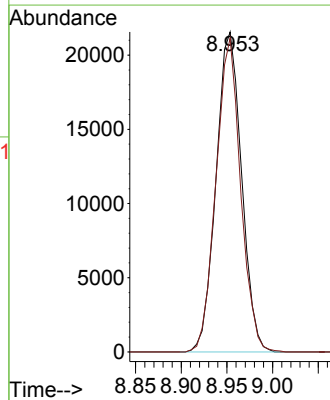
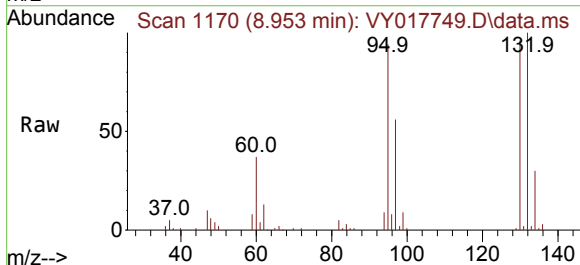
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

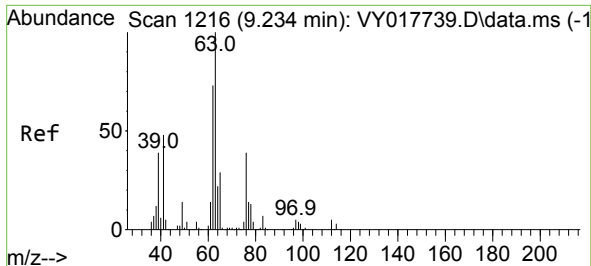
Tgt Ion:	43	Resp:	34054
Ion	Ratio	Lower	Upper
43	100		
61	35.0	27.9	41.9
87	16.0	13.1	19.7



#44
Trichloroethene
Concen: 20.832 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion:	130	Resp:	41834
Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	188.0

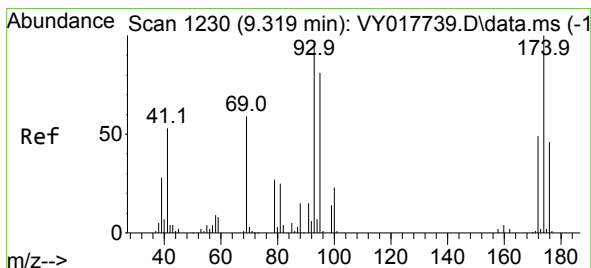
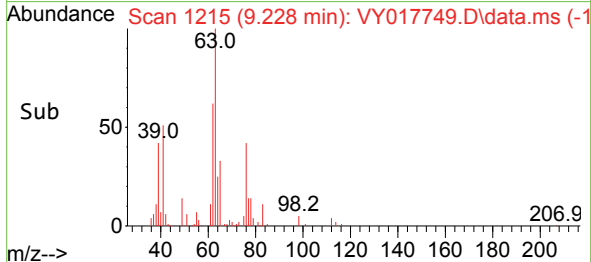
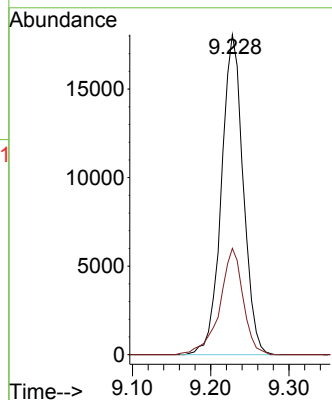
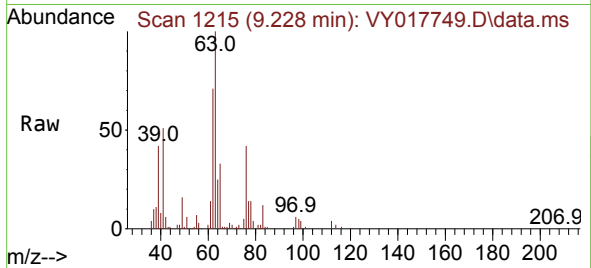




#45
1,2-Dichloropropane
Concen: 19.978 ug/l
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

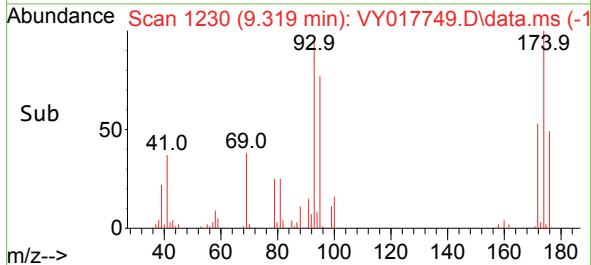
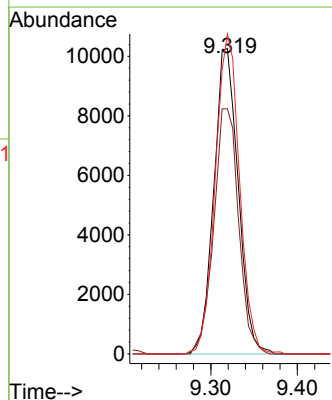
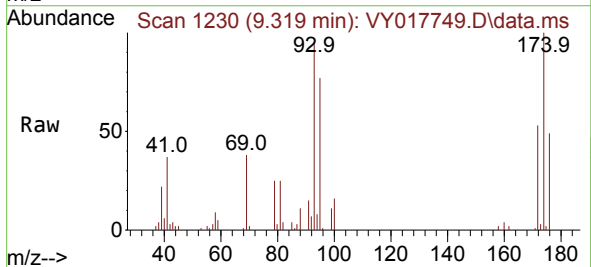
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

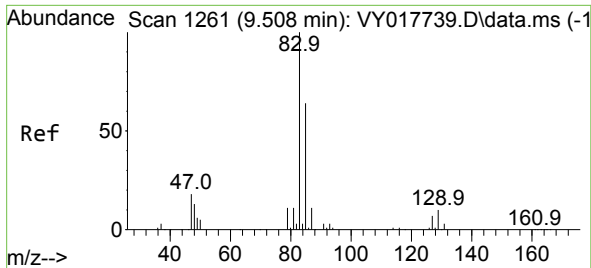
Tgt Ion: 63 Resp: 34947
Ion Ratio Lower Upper
63 100
65 33.2 25.4 38.2



#46
Dibromomethane
Concen: 20.550 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion: 93 Resp: 20032
Ion Ratio Lower Upper
93 100
95 82.0 66.2 99.4
174 104.3 80.9 121.3

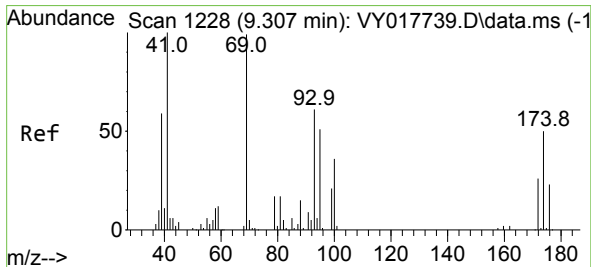
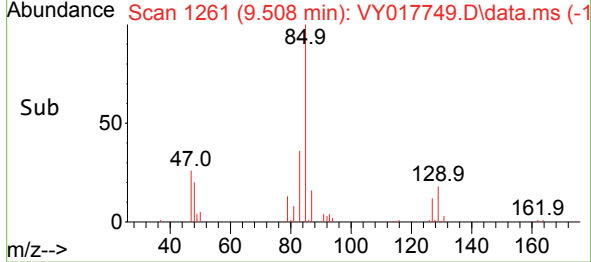
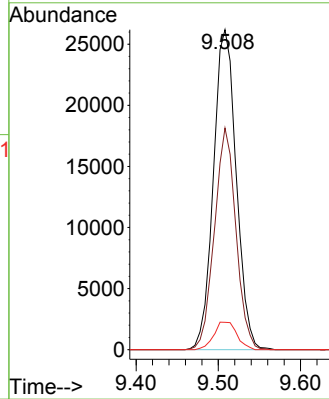
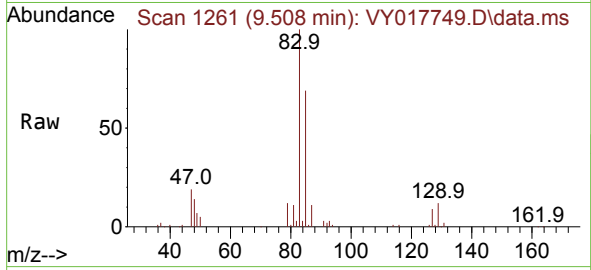




#47
Bromodichloromethane
Concen: 20.221 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

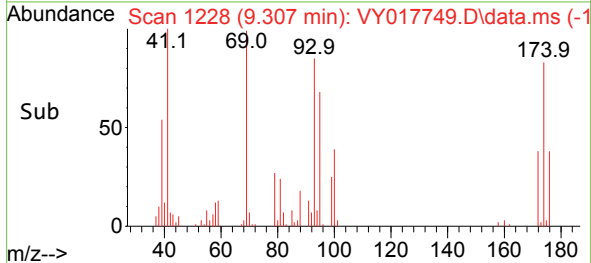
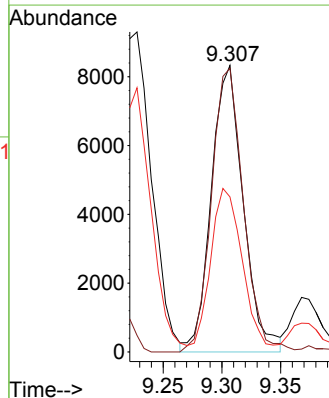
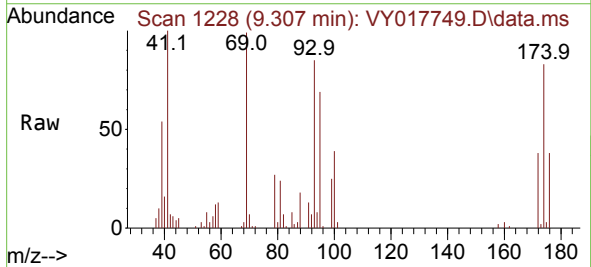
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBSD01

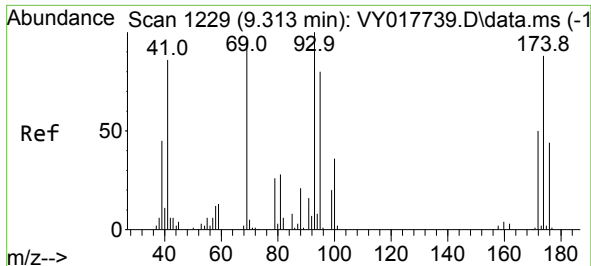
Tgt Ion:	83	Resp:	50400
Ion Ratio	Lower	Upper	
83	100		
85	69.3	50.1	75.1
127	8.6	7.4	11.0



#48
Methyl methacrylate
Concen: 18.184 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion:	41	Resp:	15740
Ion Ratio	Lower	Upper	
41	100		
69	98.8	84.1	126.1
39	53.3	43.6	65.4





#49

1,4-Dioxane

Concen: 394.948 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

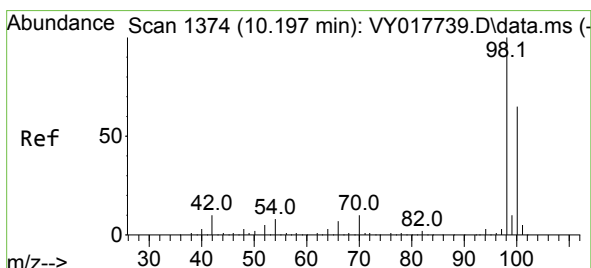
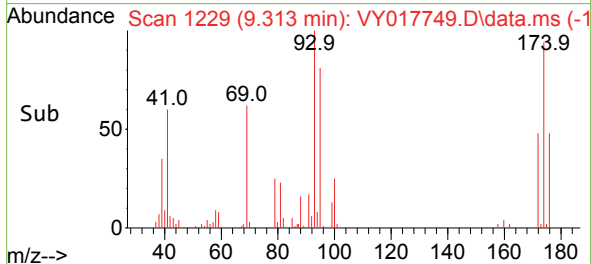
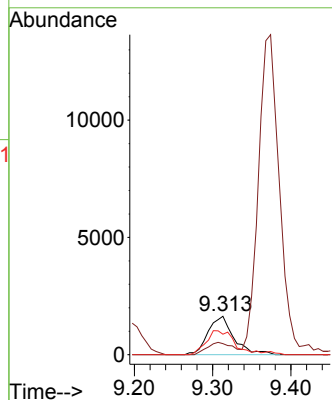
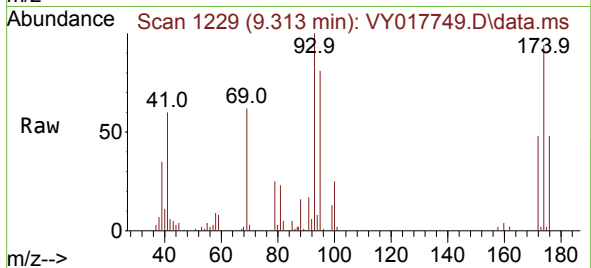
Tgt Ion: 88 Resp: 3746

Ion Ratio Lower Upper

88 100

43 32.6 0.0 0.0#

58 72.3 49.3 73.9



#50

Toluene-d8

Concen: 55.685 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.006 min

Lab File: VY017749.D

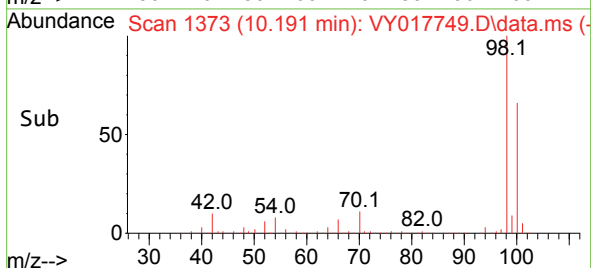
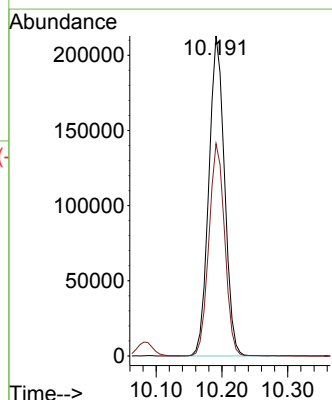
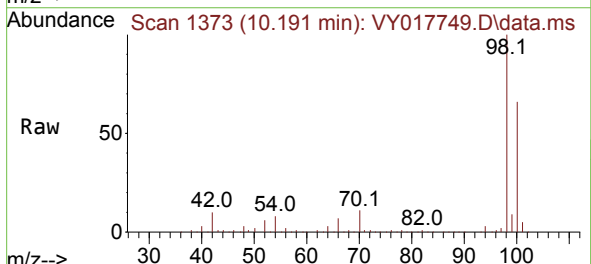
Acq: 25 Mar 2024 11:34

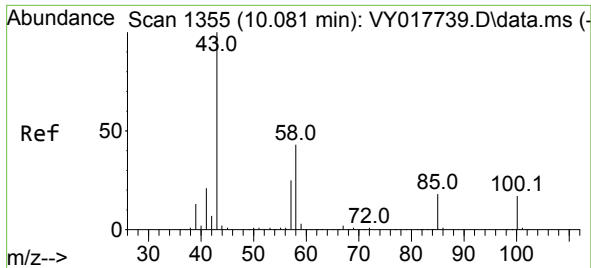
Tgt Ion: 98 Resp: 353816

Ion Ratio Lower Upper

98 100

100 66.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 90.080 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.000 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

Instrument :

MSVOA_Y

ClientSampleId :

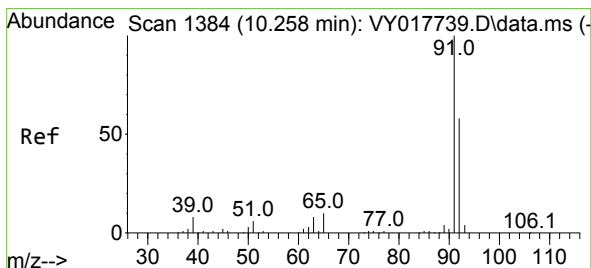
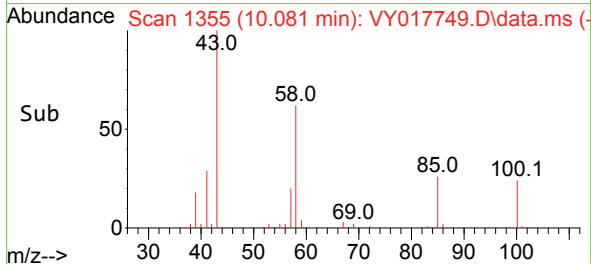
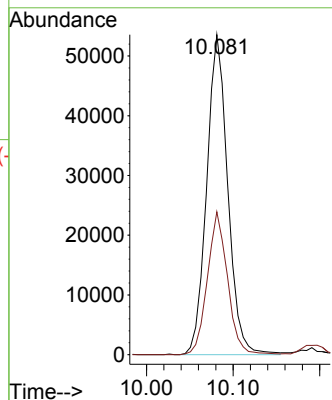
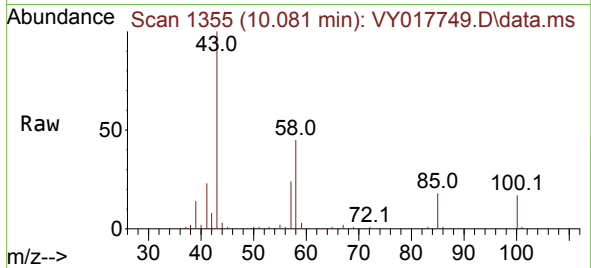
VY0325SBS01

Tgt Ion: 43 Resp: 90526

Ion Ratio Lower Upper

43 100

58 42.8 35.7 53.5



#52

Toluene

Concen: 20.453 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VY017749.D

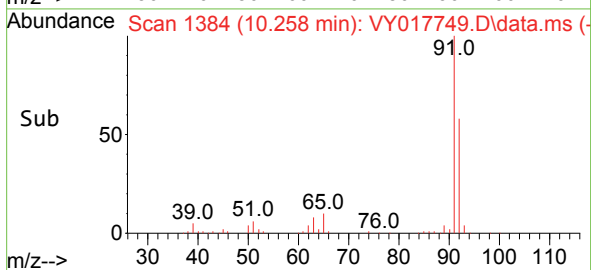
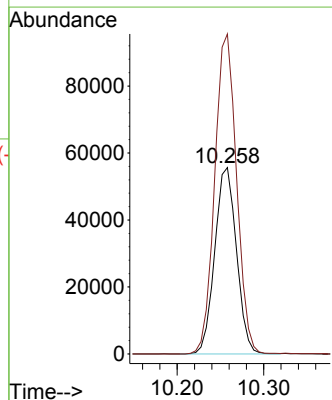
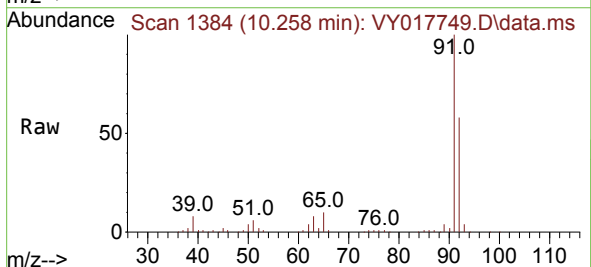
Acq: 25 Mar 2024 11:34

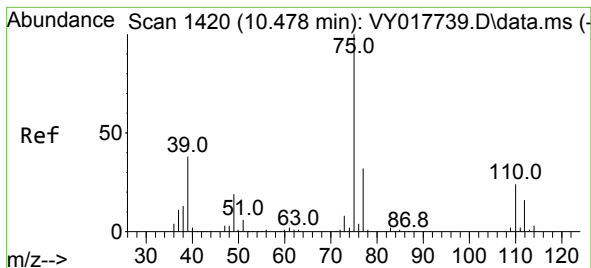
Tgt Ion: 92 Resp: 97034

Ion Ratio Lower Upper

92 100

91 172.5 139.0 208.6

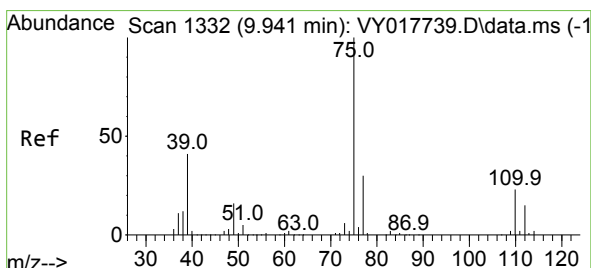
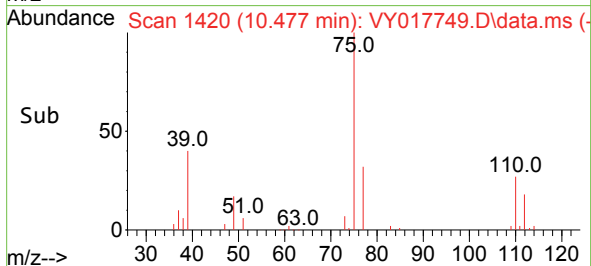
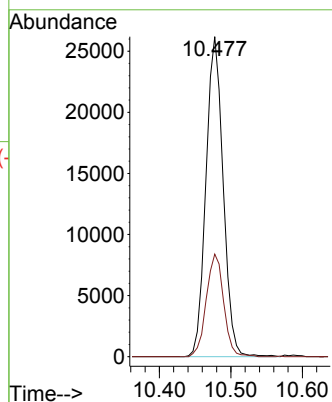
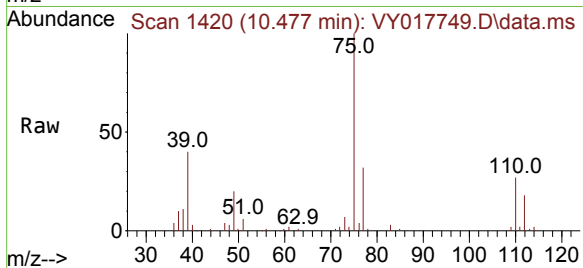




#53
 t-1,3-Dichloropropene
 Concen: 20.085 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY017749.D
 Acq: 25 Mar 2024 11:34

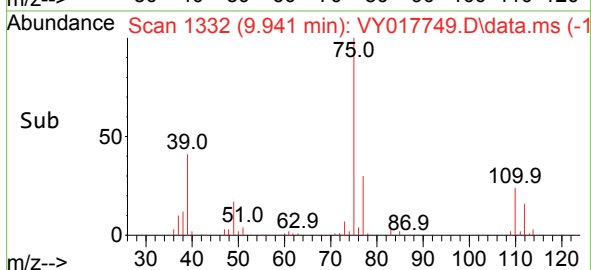
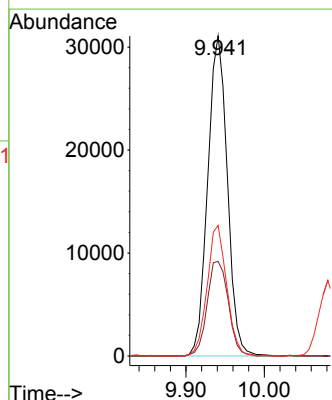
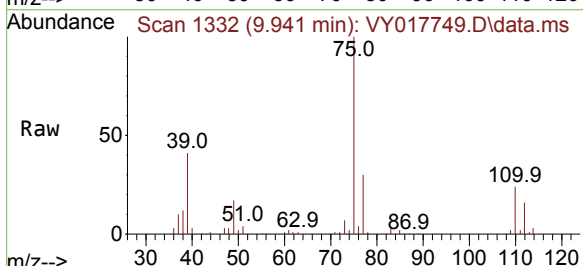
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

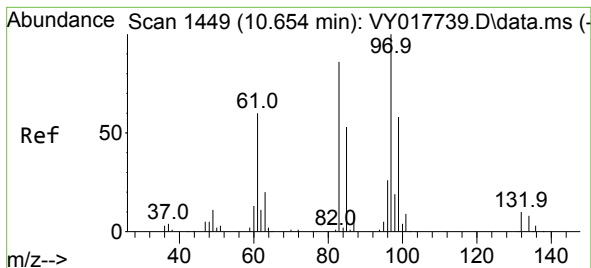
Tgt Ion: 75 Resp: 43782
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.237 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY017749.D
 Acq: 25 Mar 2024 11:34

Tgt Ion: 75 Resp: 53887
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.4 38.0
 39 40.8 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 20.760 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 97 Resp: 25887

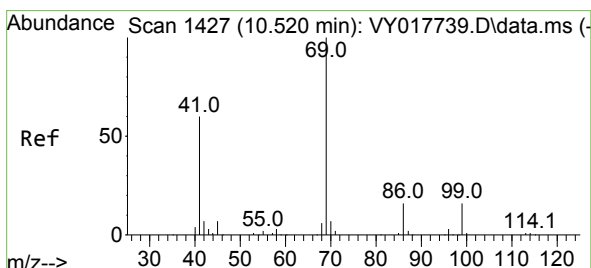
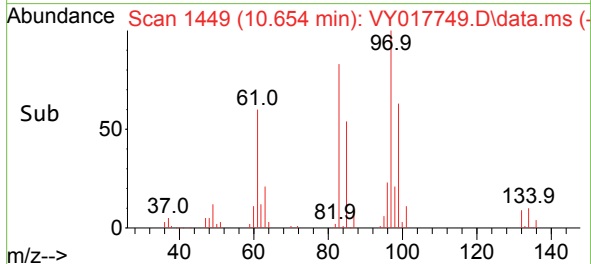
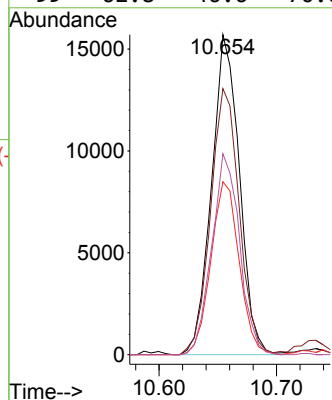
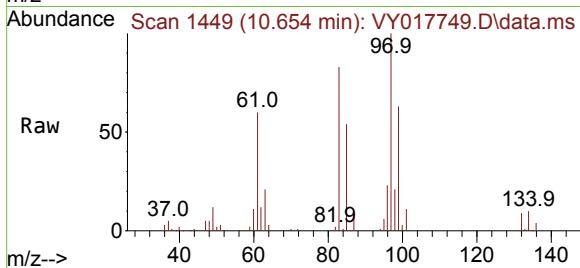
Ion Ratio Lower Upper

97 100

83 83.1 67.5 101.3

85 54.0 42.9 64.3

99 62.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 18.009 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

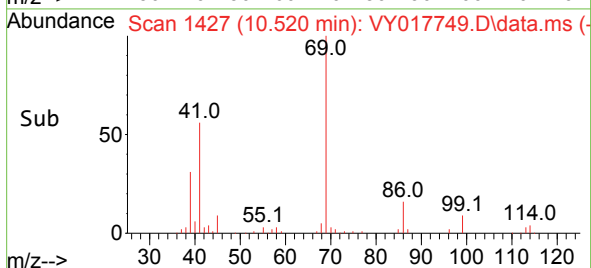
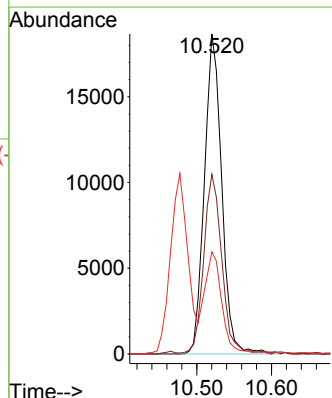
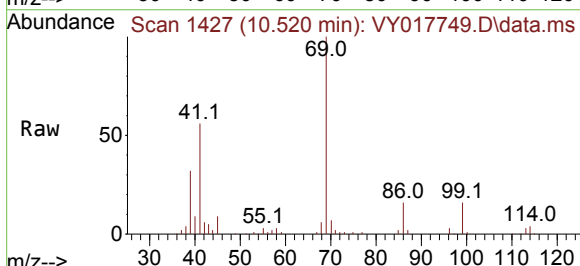
Tgt Ion: 69 Resp: 30083

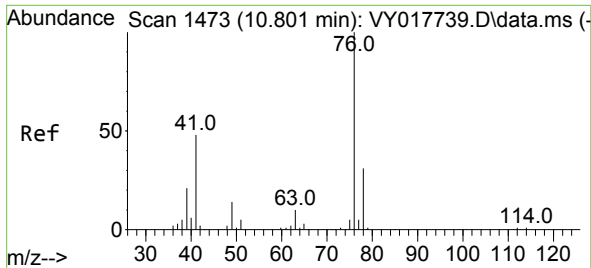
Ion Ratio Lower Upper

69 100

41 58.7 42.3 63.5

39 31.7 22.9 34.3

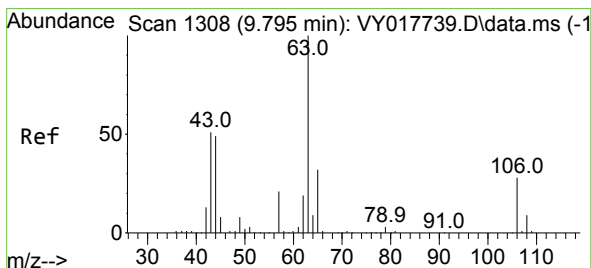
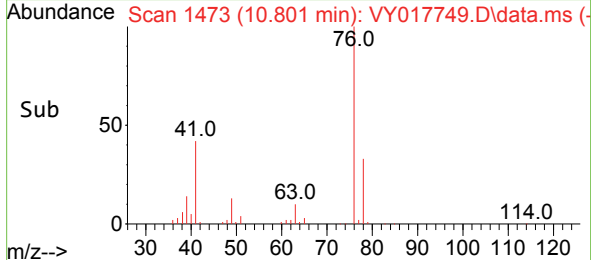
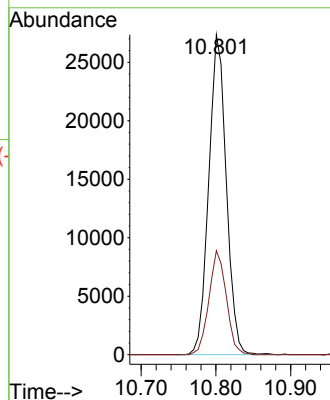
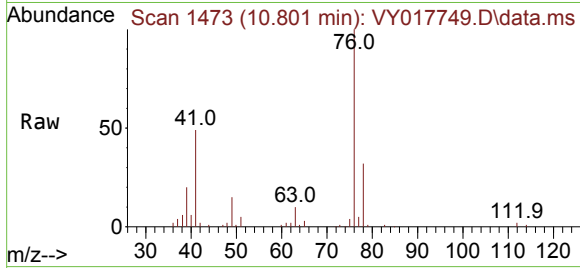




#57
1,3-Dichloropropane
Concen: 20.781 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

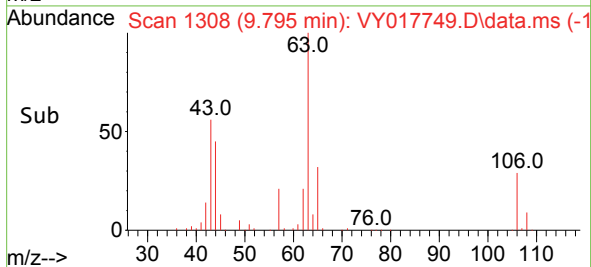
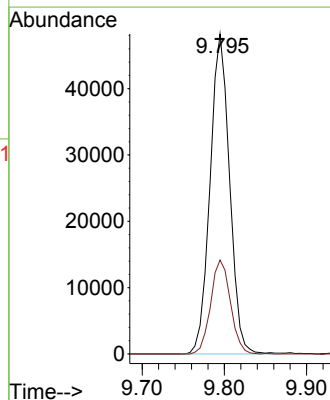
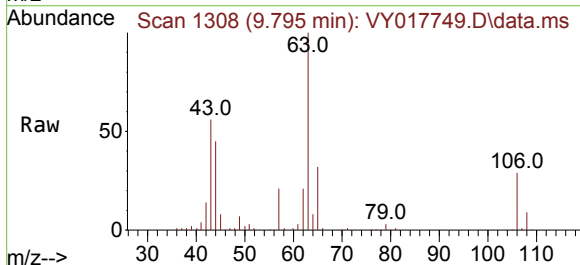
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBSD01

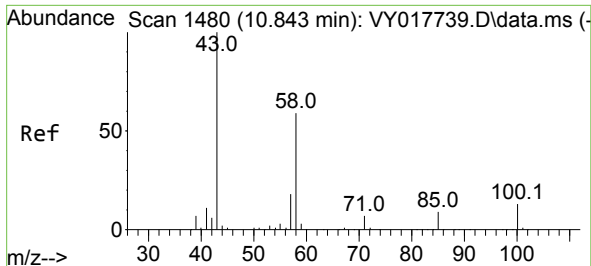
Tgt Ion:	76	Resp:	44636
Ion Ratio	Lower	Upper	
76	100		
78	32.1	26.2	39.4



#58
2-Chloroethyl Vinyl ether
Concen: 96.715 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion:	63	Resp:	79453
Ion Ratio	Lower	Upper	
63	100		
106	29.7	23.7	35.5

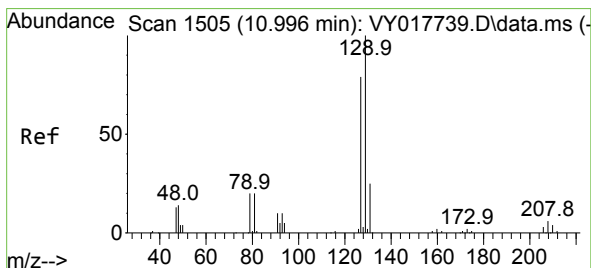
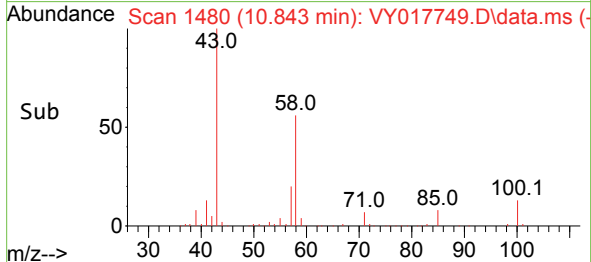
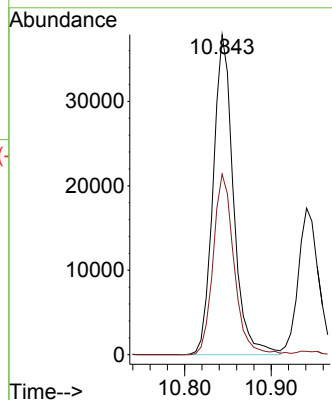
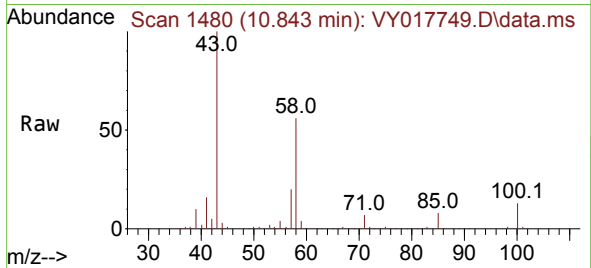




#59
2-Hexanone
Concen: 90.065 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

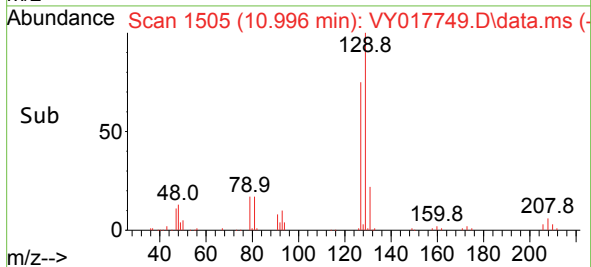
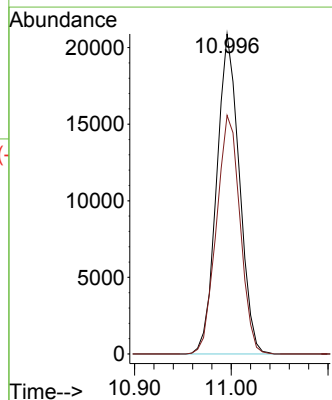
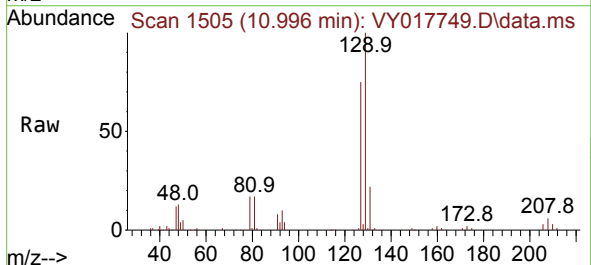
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

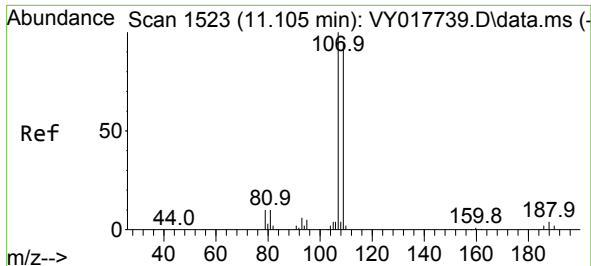
Tgt Ion: 43 Resp: 61739
Ion Ratio Lower Upper
43 100
58 58.0 31.4 94.0



#60
Dibromochloromethane
Concen: 20.328 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion: 129 Resp: 33906
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0

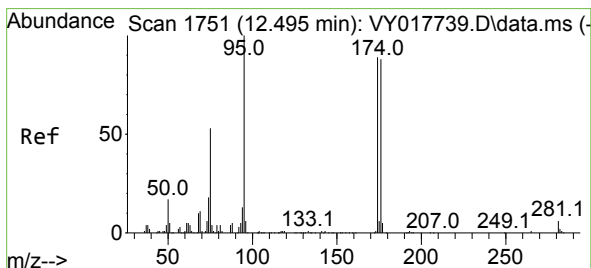
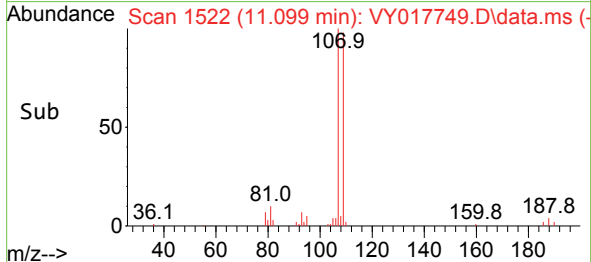
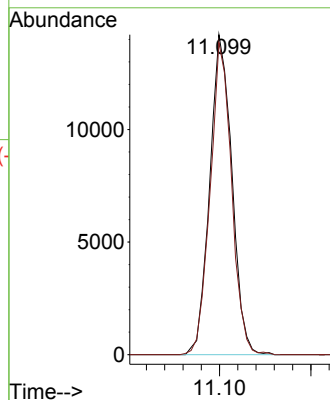
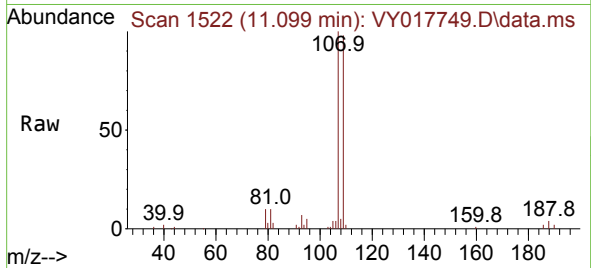




#61
1,2-Dibromoethane
Concen: 20.429 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

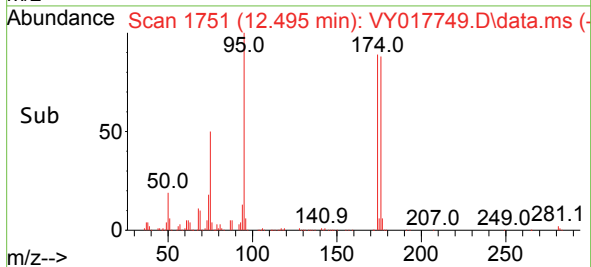
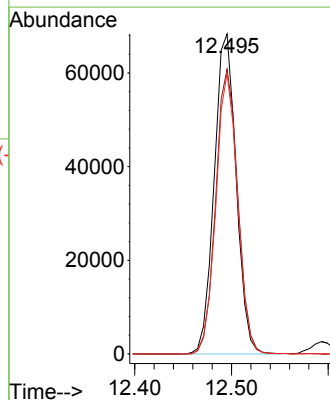
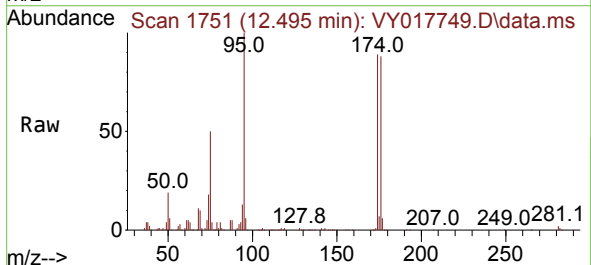
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

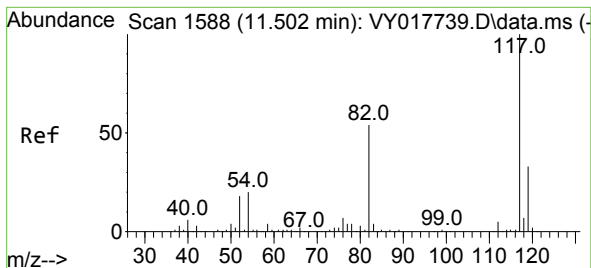
Tgt Ion:107 Resp: 23916
Ion Ratio Lower Upper
107 100
109 94.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 56.359 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion: 95 Resp: 107531
Ion Ratio Lower Upper
95 100
174 89.5 0.0 175.6
176 86.6 0.0 171.4

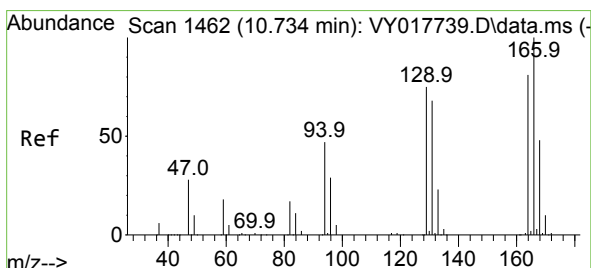
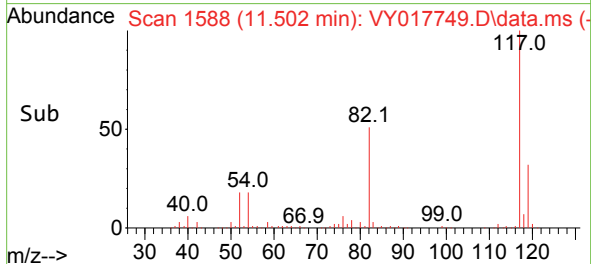
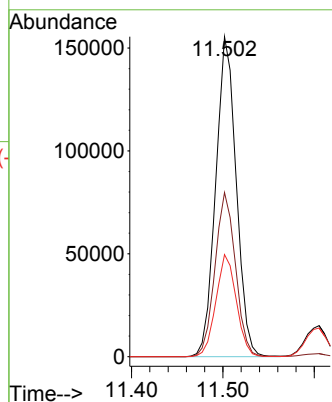
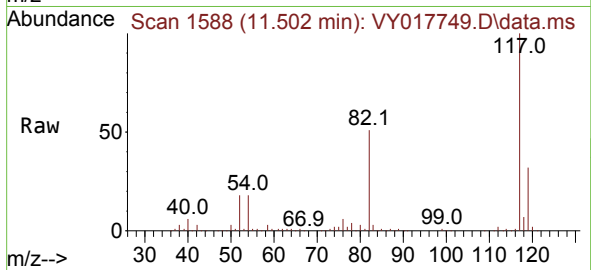




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

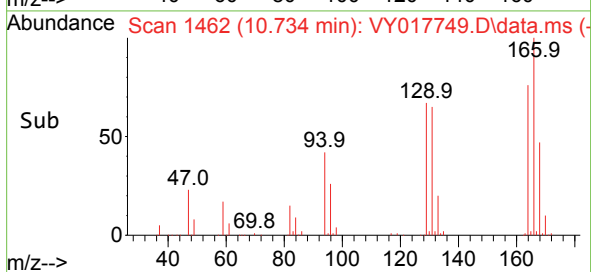
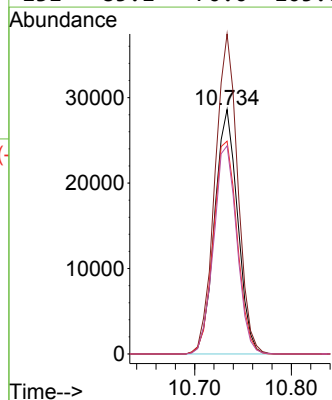
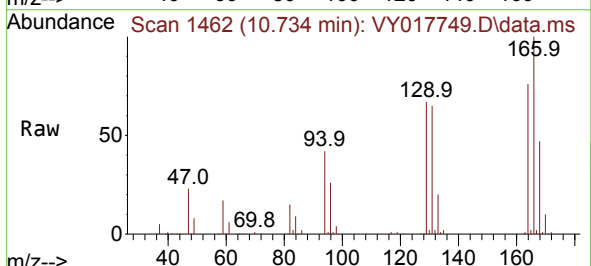
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

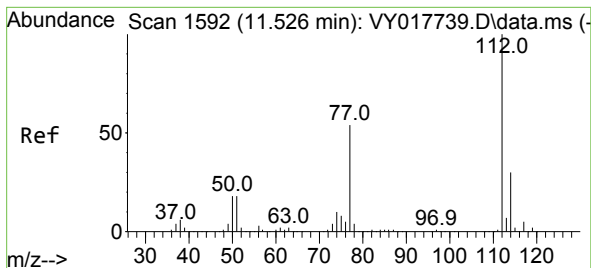
Tgt Ion:117 Resp: 242609
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 31.9 25.9 38.9



#64
Tetrachloroethene
Concen: 20.994 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion:164 Resp: 47103
Ion Ratio Lower Upper
164 100
166 130.9 102.6 154.0
129 87.1 72.0 108.0
131 85.1 70.0 105.0

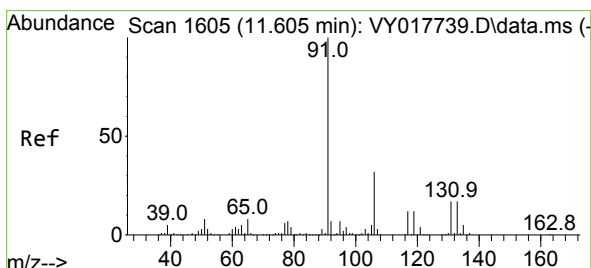
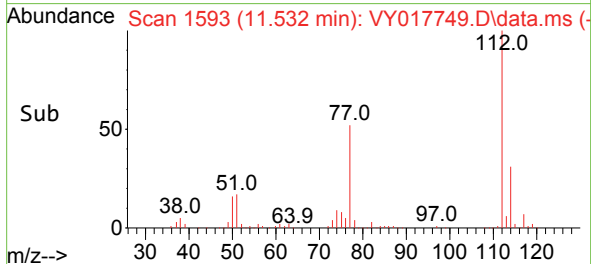
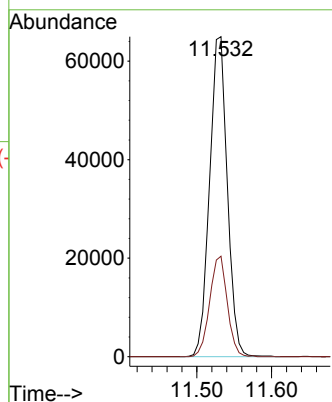
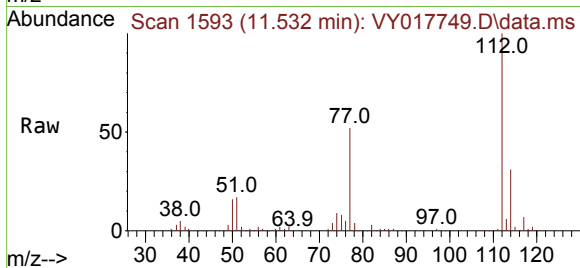




#65
Chlorobenzene
Concen: 20.477 ug/l
RT: 11.532 min Scan# 11532
Delta R.T. 0.006 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

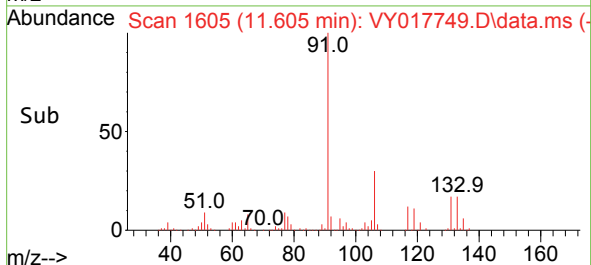
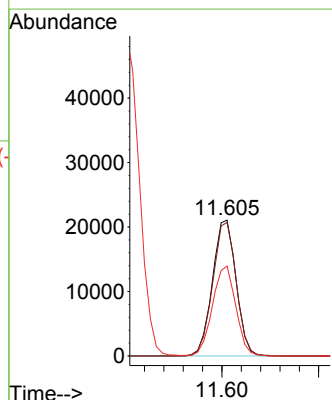
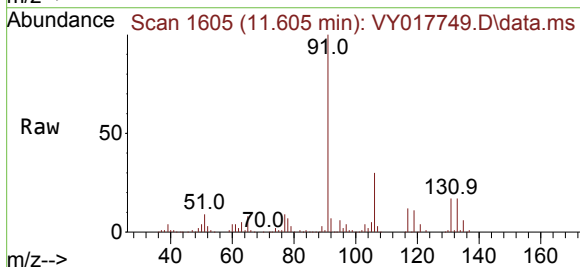
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBSD01

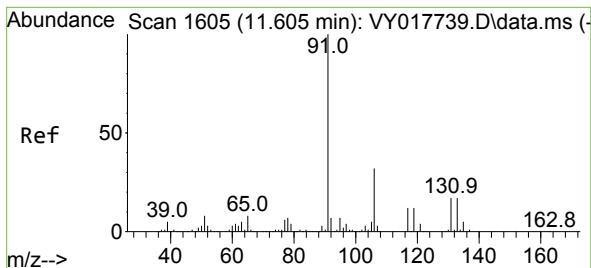
Tgt Ion:112 Resp: 106937
Ion Ratio Lower Upper
112 100
114 31.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.429 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.000 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion:131 Resp: 35628
Ion Ratio Lower Upper
131 100
133 97.9 47.8 143.3
119 65.5 34.1 102.2





#67

Ethyl Benzene

Concen: 20.196 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. -0.000 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

Instrument :

MSVOA_Y

ClientSampleId :

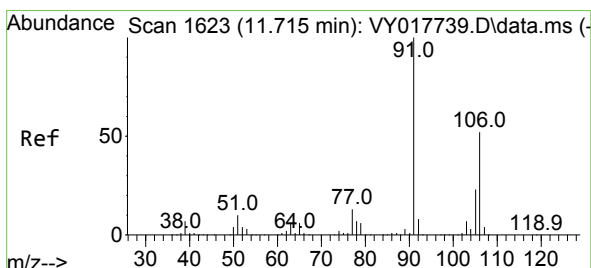
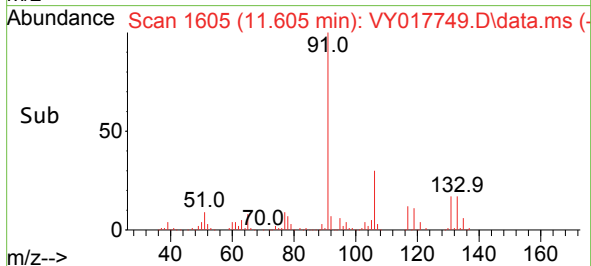
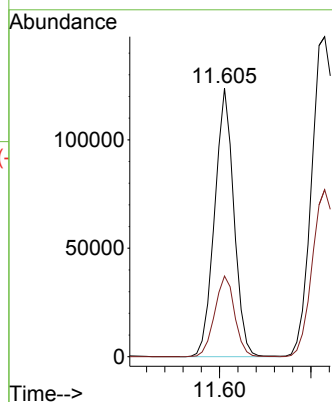
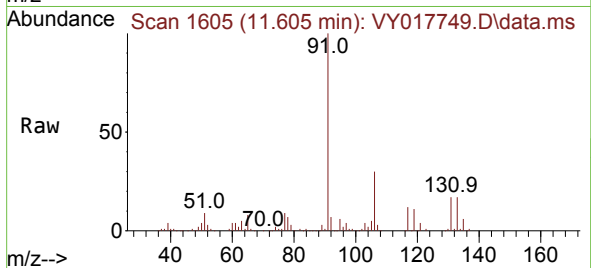
VY0325SBS01

Tgt Ion: 91 Resp: 181146

Ion Ratio Lower Upper

91 100

106 30.1 24.5 36.7



#68

m/p-Xylenes

Concen: 40.780 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY017749.D

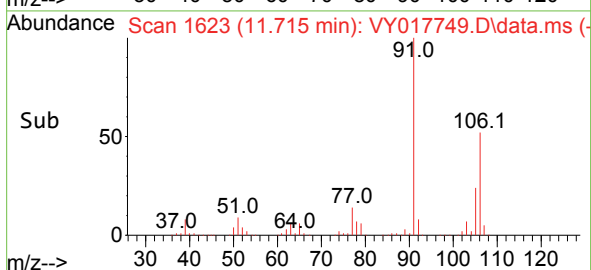
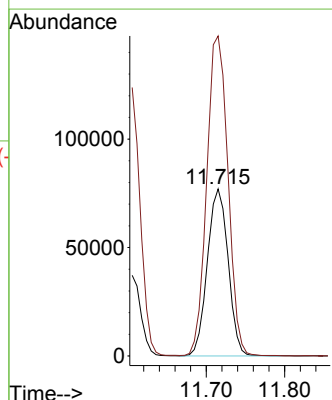
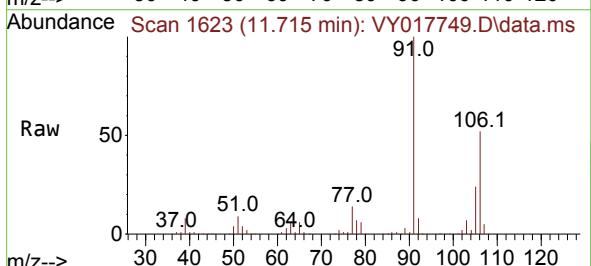
Acq: 25 Mar 2024 11:34

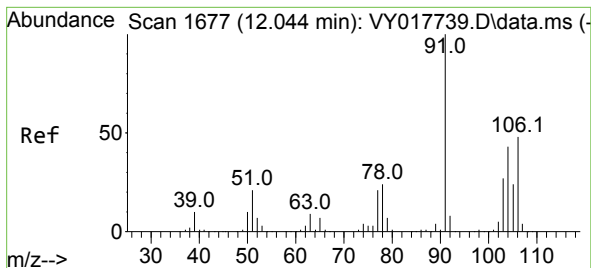
Tgt Ion: 106 Resp: 141889

Ion Ratio Lower Upper

106 100

91 195.1 156.0 234.0

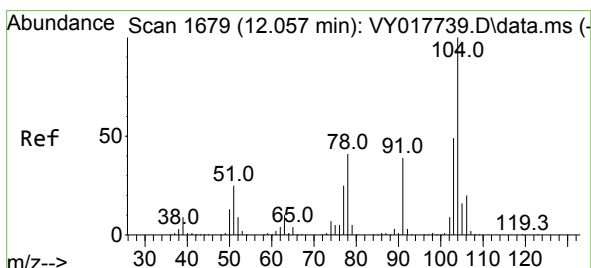
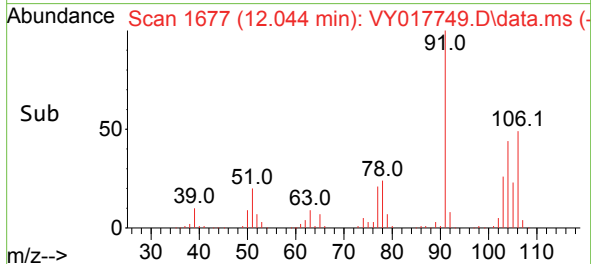
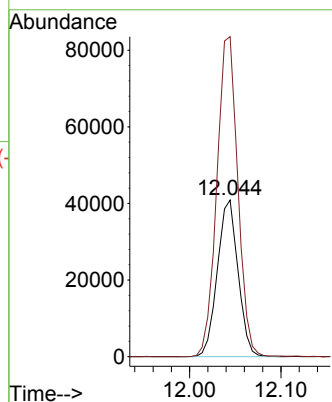
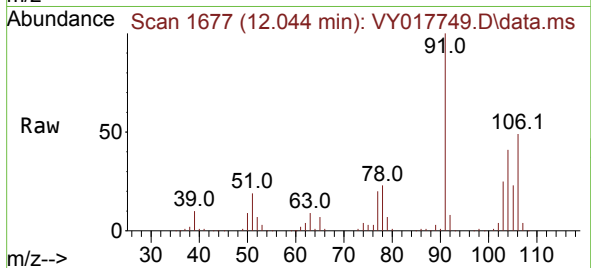




#69
o-Xylene
Concen: 20.269 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

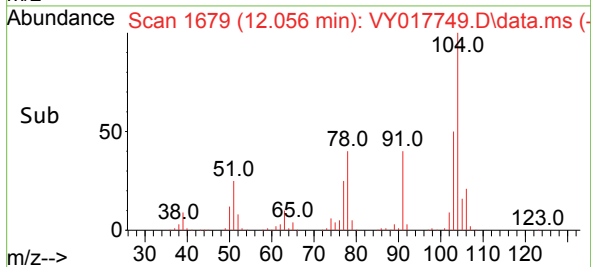
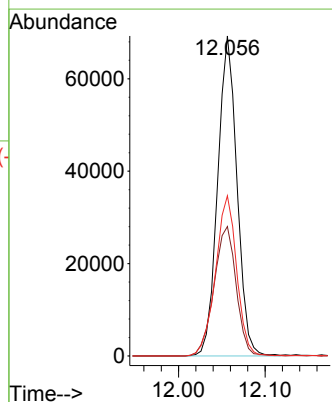
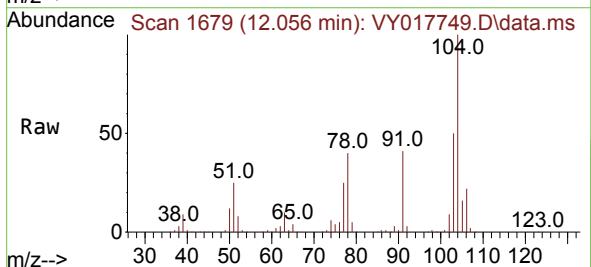
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBSD01

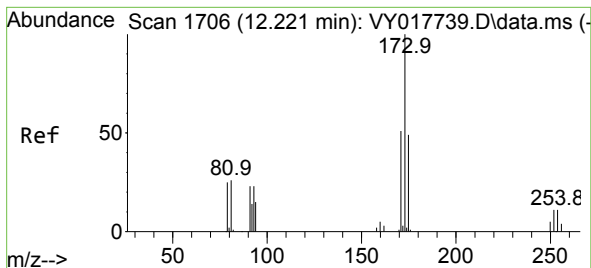
Tgt Ion:106 Resp: 64387
Ion Ratio Lower Upper
106 100
91 207.6 103.6 310.8



#70
Styrene
Concen: 20.330 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion:104 Resp: 107481
Ion Ratio Lower Upper
104 100
78 46.4 37.0 55.4
103 54.7 44.2 66.2





#71

Bromoform

Concen: 21.313 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. -0.000 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

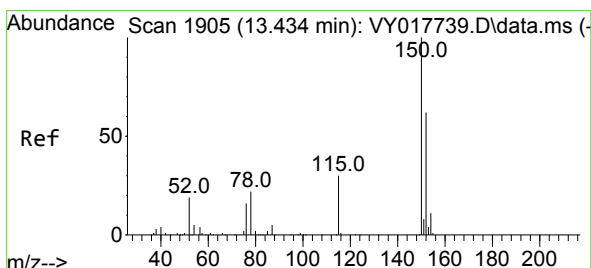
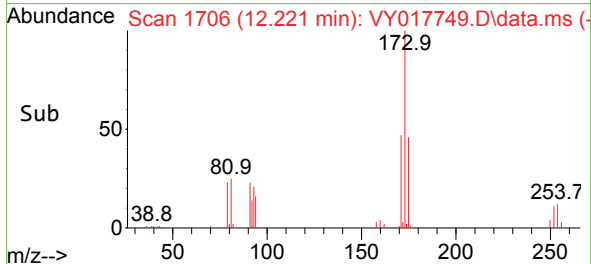
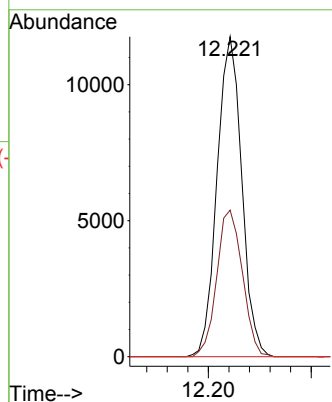
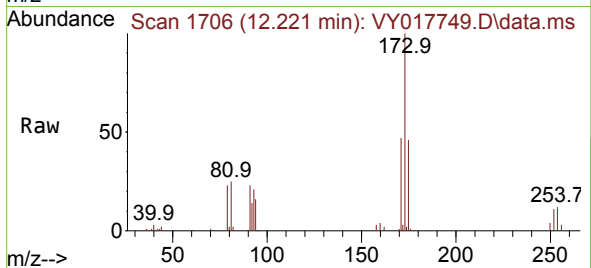
Tgt Ion:173 Resp: 19575

Ion Ratio Lower Upper

173 100

175 47.7 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

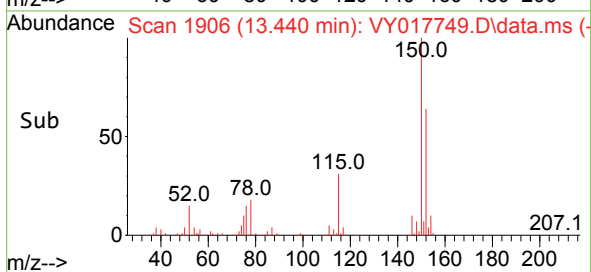
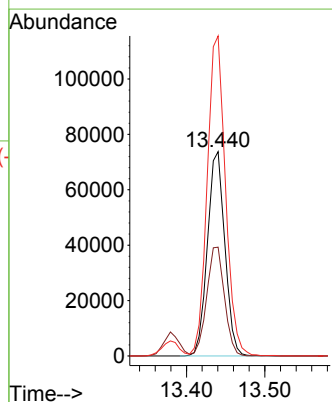
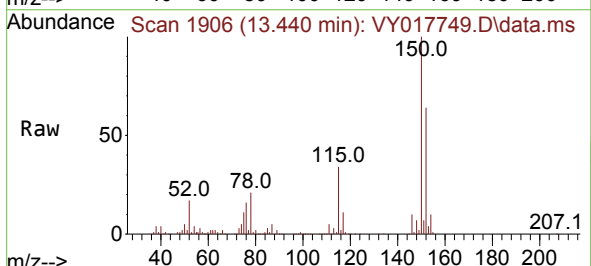
Tgt Ion:152 Resp: 113792

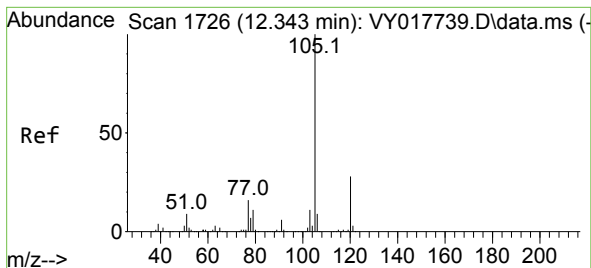
Ion Ratio Lower Upper

152 100

115 54.1 28.2 84.7

150 163.6 0.0 345.6





#73

Isopropylbenzene

Concen: 19.745 ug/l

RT: 12.343 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

Instrument :

MSVOA_Y

ClientSampleId :

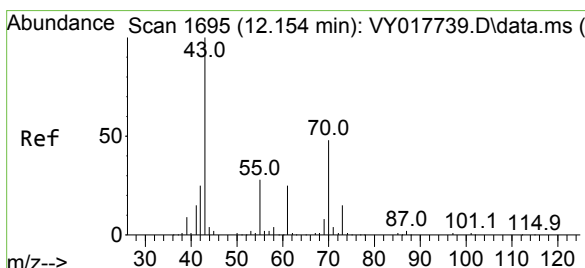
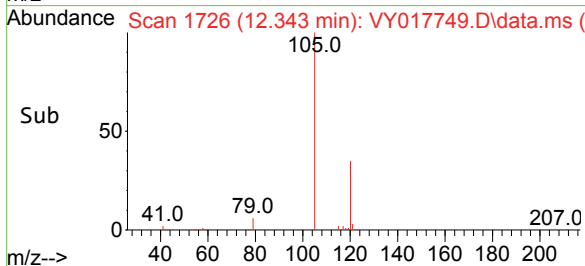
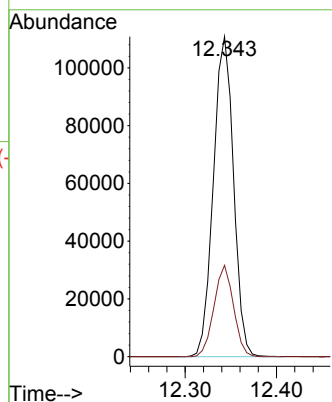
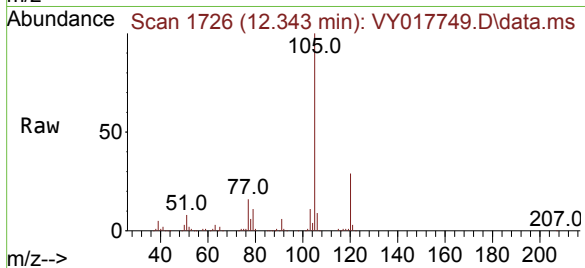
VY0325SBS01

Tgt Ion:105 Resp: 169658

Ion Ratio Lower Upper

105 100

120 27.6 13.4 40.1



#74

N-ethyl acetate

Concen: 17.982 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

Tgt Ion: 43 Resp: 29015

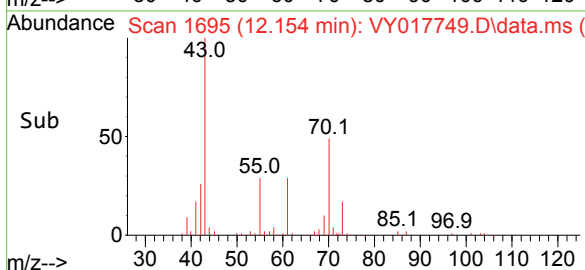
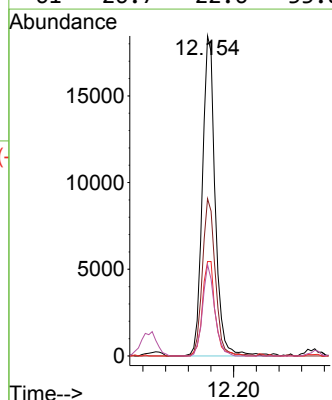
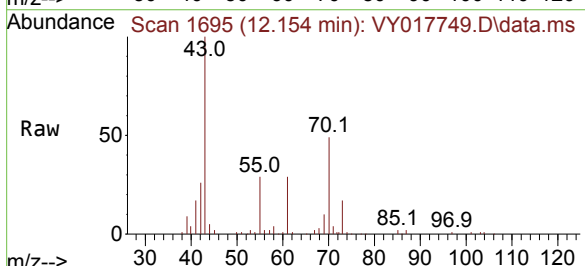
Ion Ratio Lower Upper

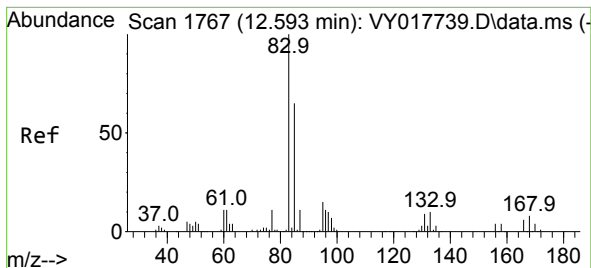
43 100

70 49.5 41.4 62.2

55 29.4 23.3 34.9

61 26.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.466 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

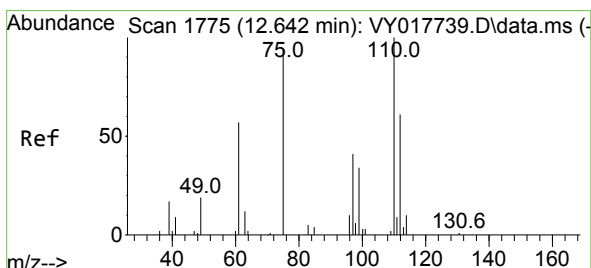
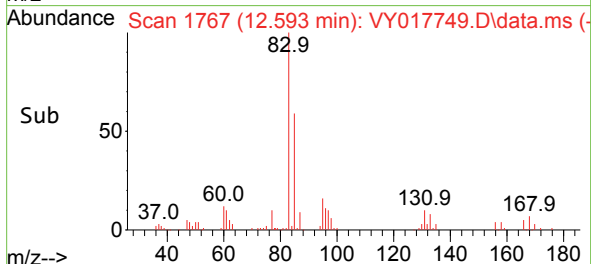
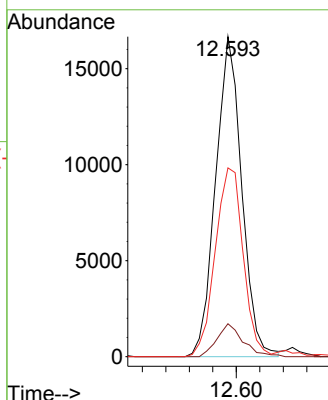
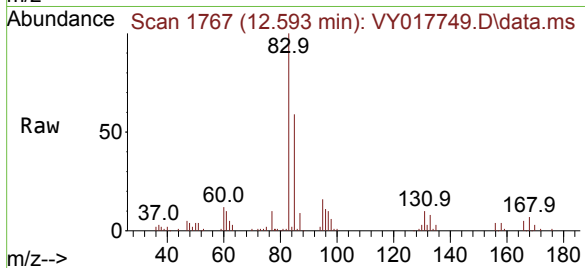
Tgt Ion: 83 Resp: 25754

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 63.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 32.835 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017749.D

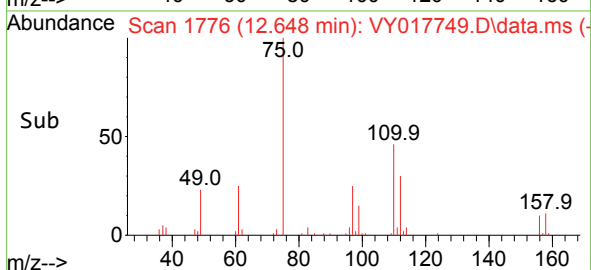
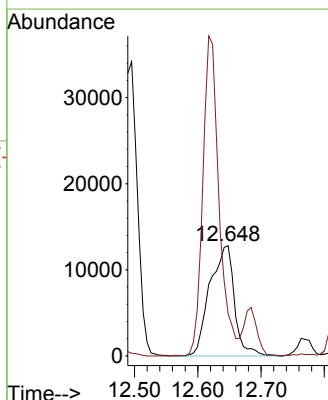
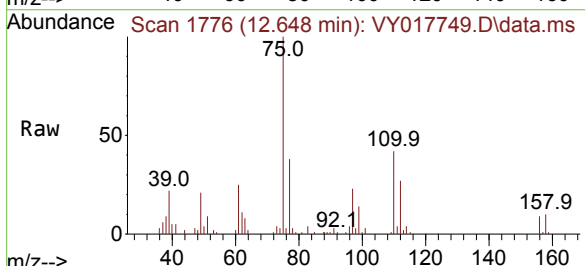
Acq: 25 Mar 2024 11:34

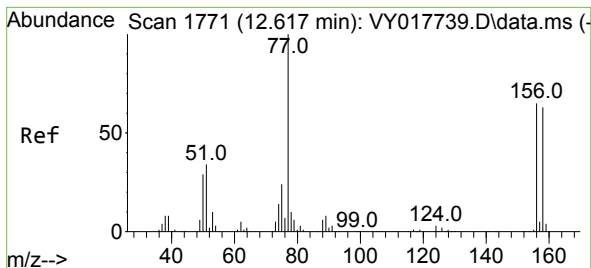
Tgt Ion: 75 Resp: 34503

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.644 ug/l

RT: 12.623 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

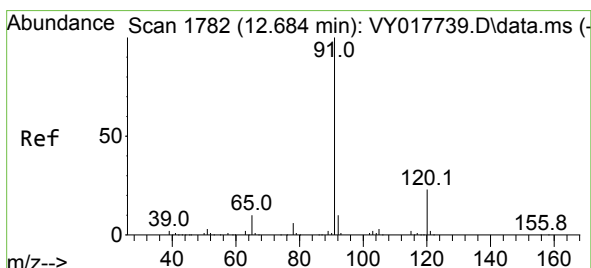
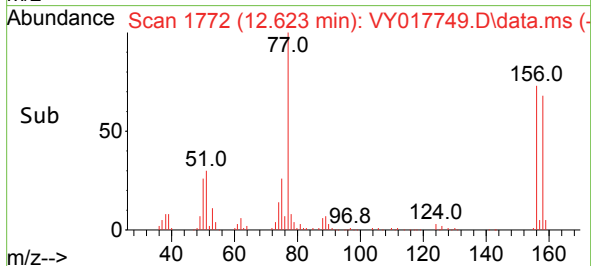
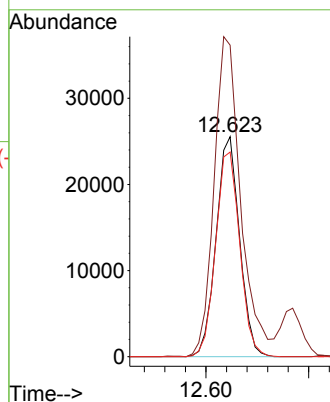
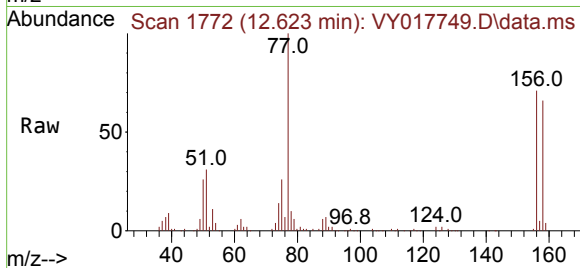
Tgt Ion:156 Resp: 40385

Ion Ratio Lower Upper

156 100

77 164.4 87.1 261.3

158 95.8 48.6 145.9



#78

n-propylbenzene

Concen: 19.921 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VY017749.D

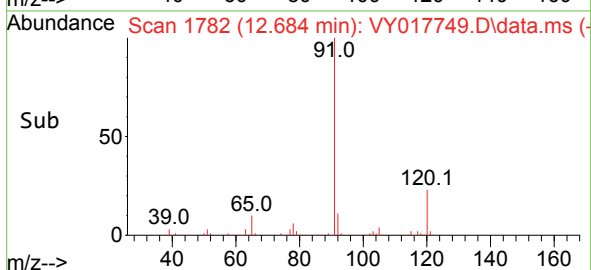
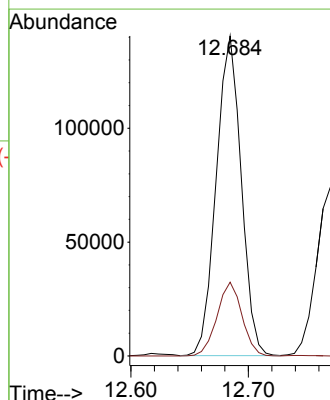
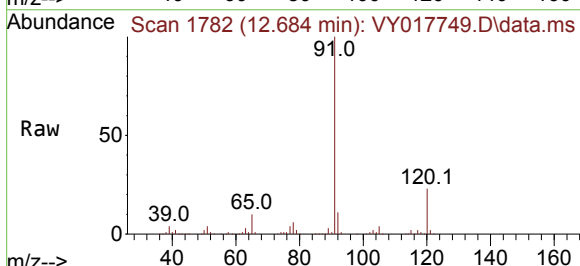
Acq: 25 Mar 2024 11:34

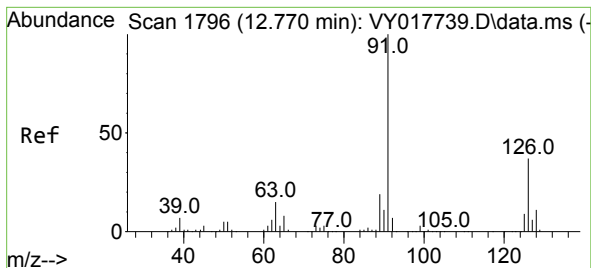
Tgt Ion: 91 Resp: 207208

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

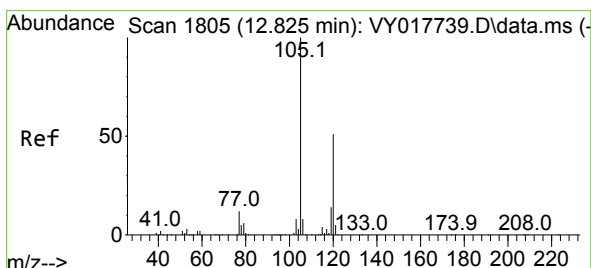
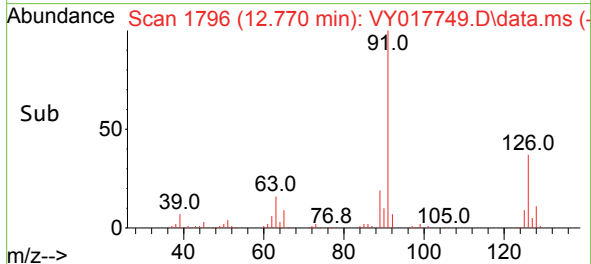
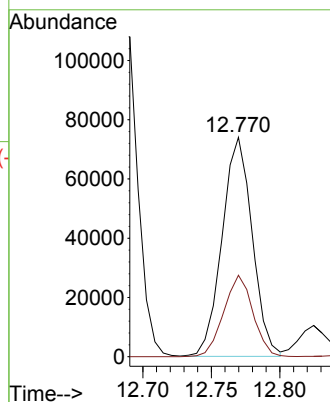
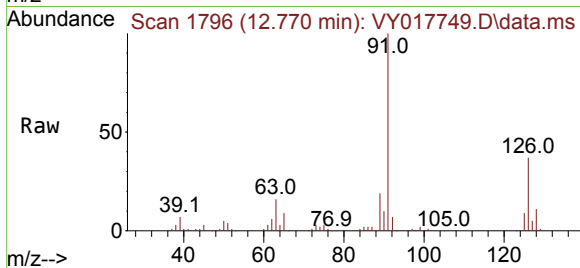




#79
2-Chlorotoluene
Concen: 19.861 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

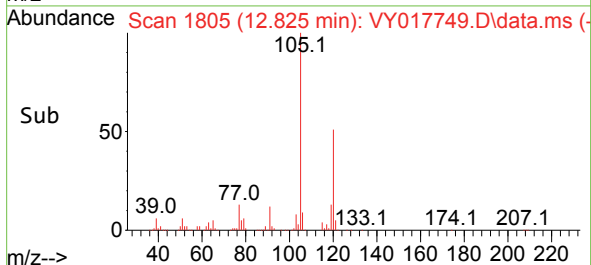
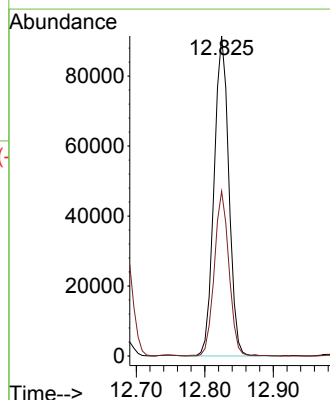
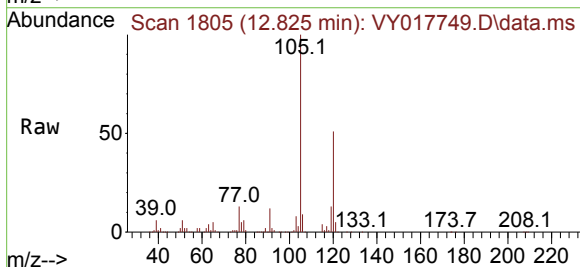
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

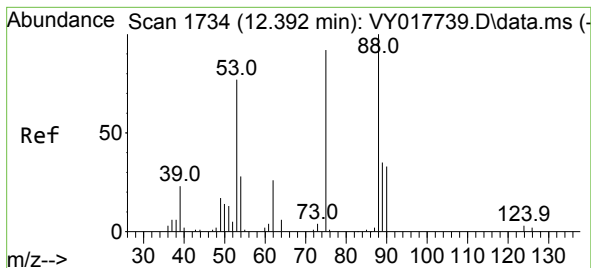
Tgt Ion: 91 Resp: 113287
Ion Ratio Lower Upper
91 100
126 36.0 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 20.320 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion: 105 Resp: 136678
Ion Ratio Lower Upper
105 100
120 50.8 25.1 75.2

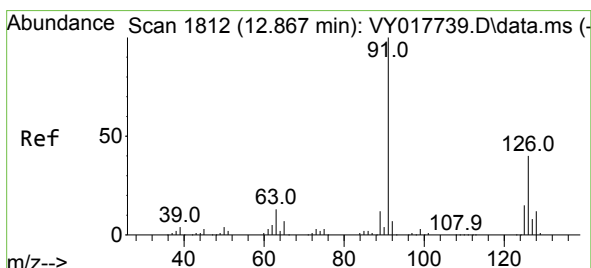
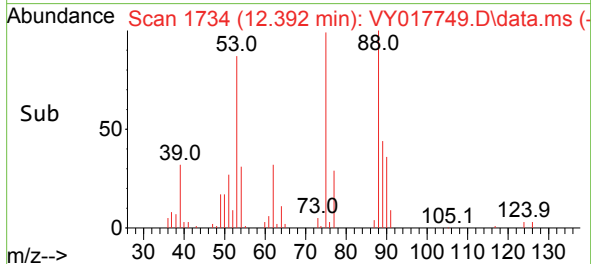
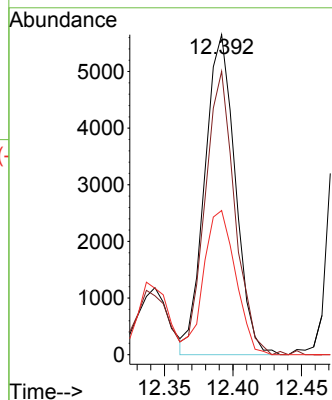
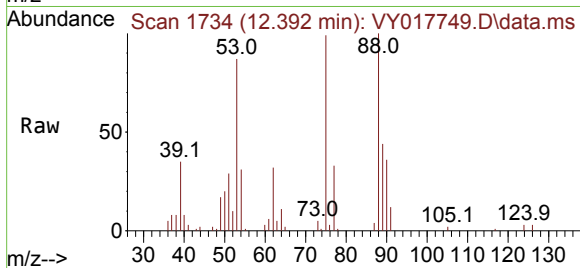




#81
trans-1,4-Dichloro-2-butene
Concen: 19.246 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

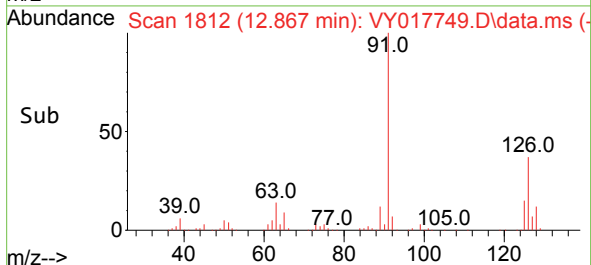
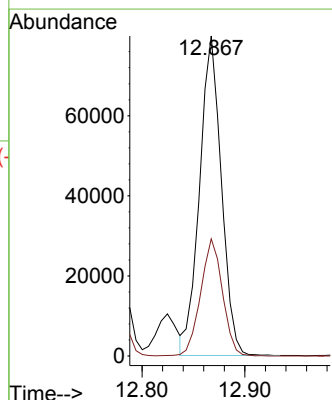
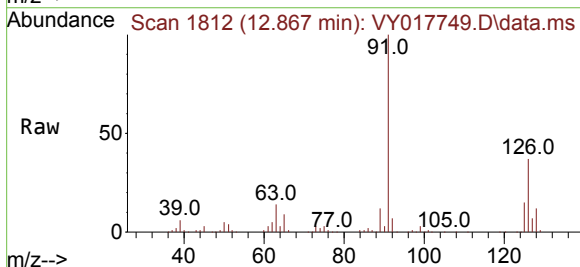
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

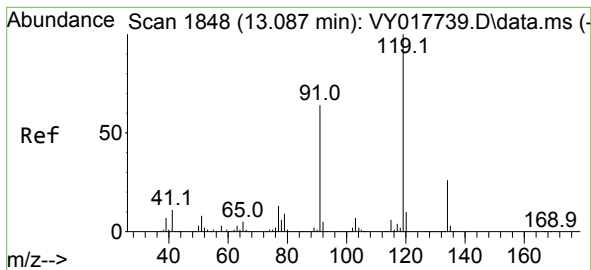
Tgt Ion:	75	Resp:	8752
Ion	Ratio	Lower	Upper
75	100		
53	86.1	66.8	100.2
89	47.3	35.8	53.6



#82
4-Chlorotoluene
Concen: 20.092 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.000 min
Lab File: VY017749.D
Acq: 25 Mar 2024 11:34

Tgt Ion:	91	Resp:	117585
Ion	Ratio	Lower	Upper
91	100		
126	36.9	17.6	52.9





#83

tert-Butylbenzene

Concen: 20.378 ug/l

RT: 13.087 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

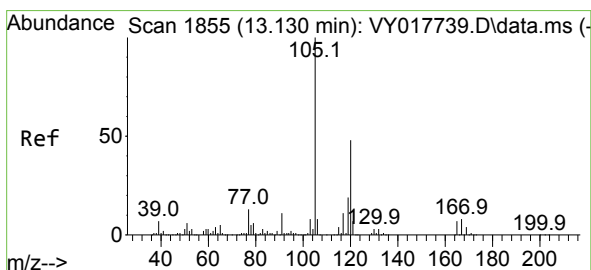
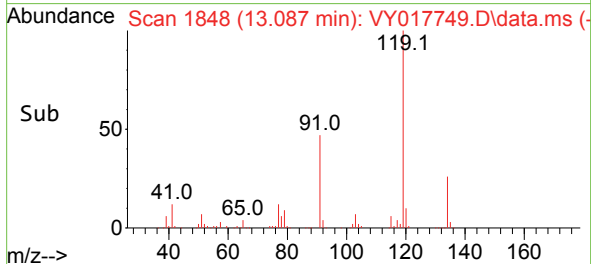
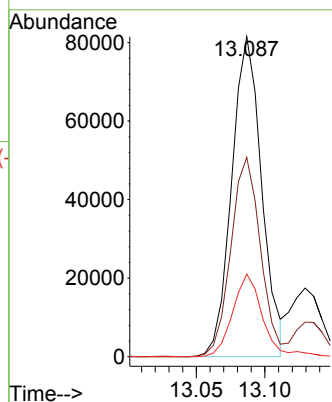
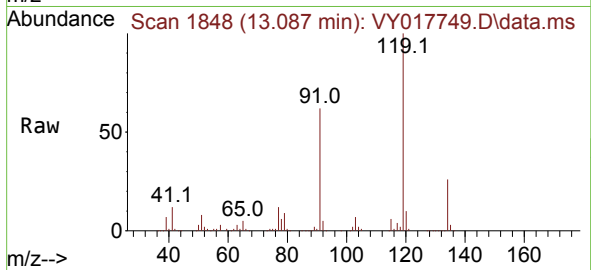
Tgt Ion:119 Resp: 124042

Ion Ratio Lower Upper

119 100

91 61.4 31.3 93.8

134 25.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.554 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY017749.D

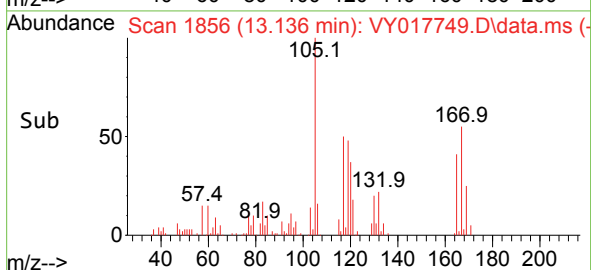
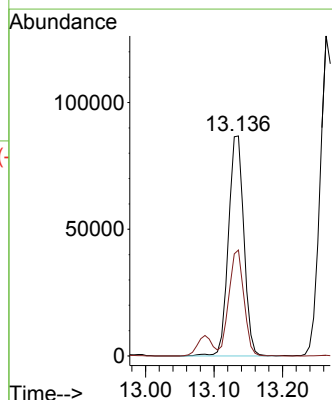
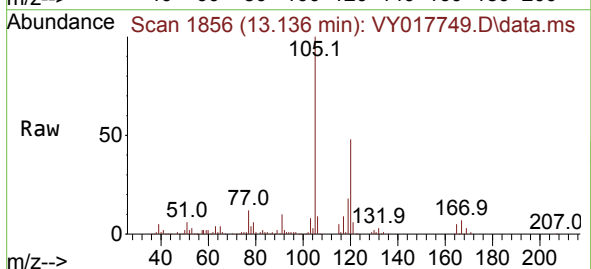
Acq: 25 Mar 2024 11:34

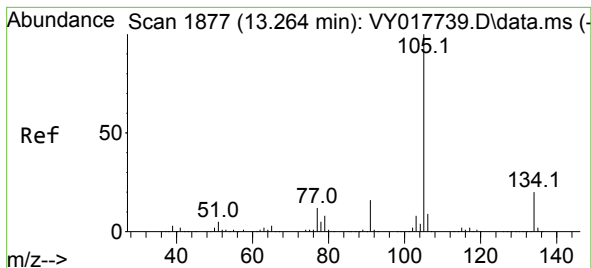
Tgt Ion:105 Resp: 135534

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.324 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

Instrument :

MSVOA_Y

ClientSampleId :

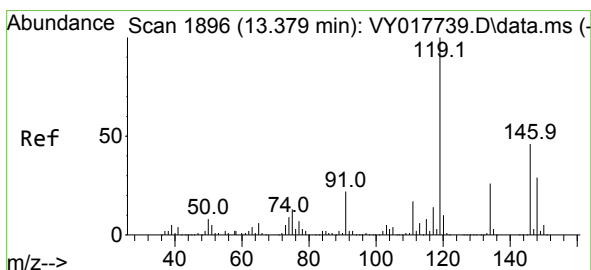
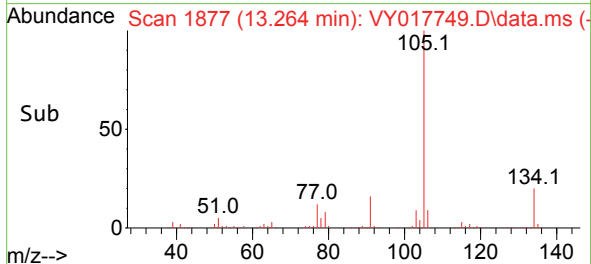
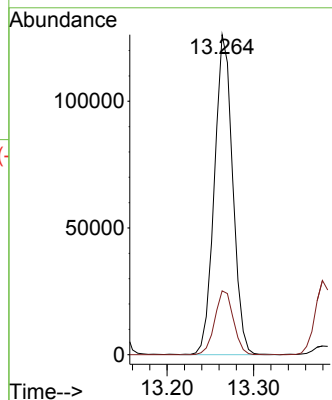
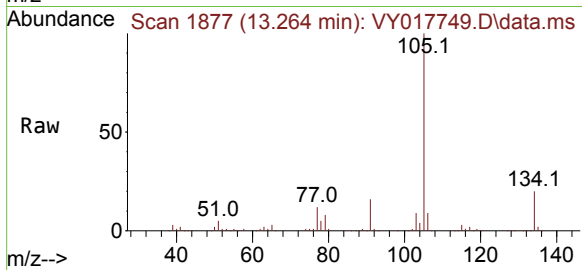
VY0325SBS01

Tgt Ion:105 Resp: 185414

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.321 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

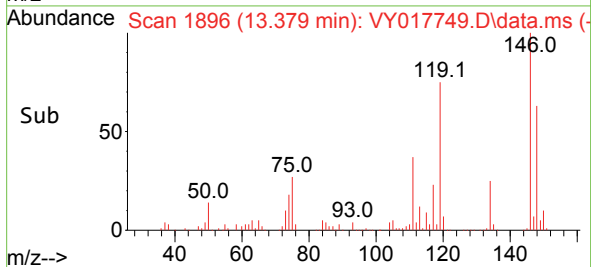
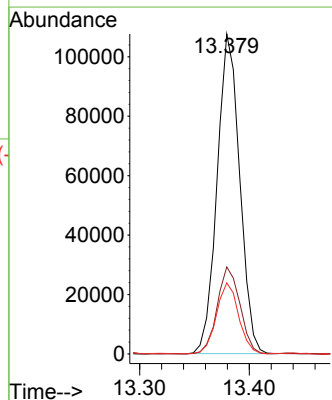
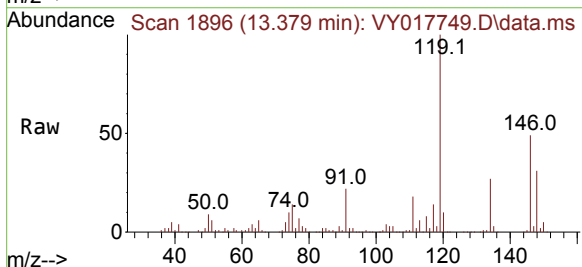
Tgt Ion:119 Resp: 153929

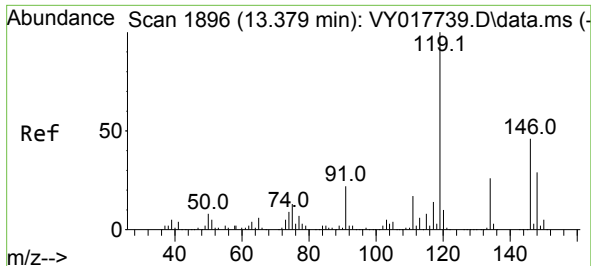
Ion Ratio Lower Upper

119 100

134 27.5 13.1 39.3

91 21.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.145 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBSD01

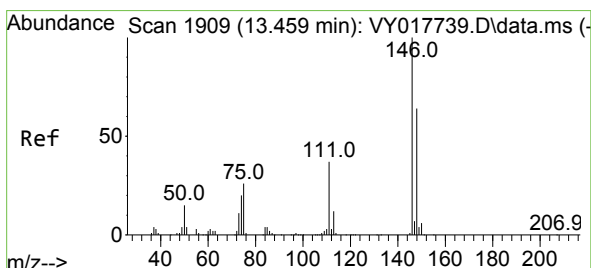
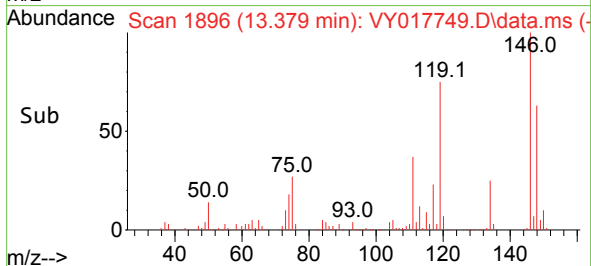
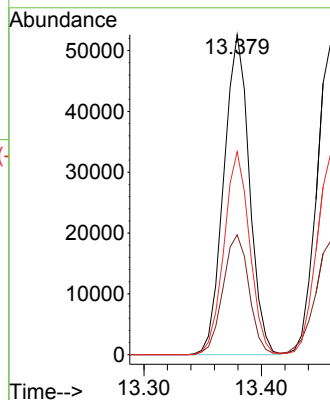
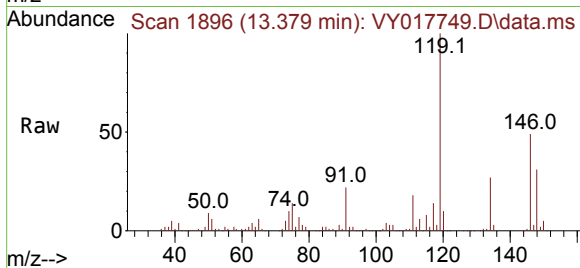
Tgt Ion:146 Resp: 79859

Ion Ratio Lower Upper

146 100

111 38.1 19.0 57.0

148 63.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.692 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. -0.000 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

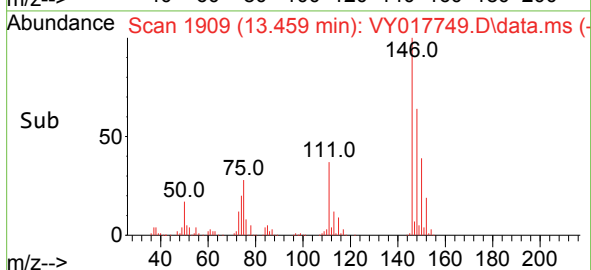
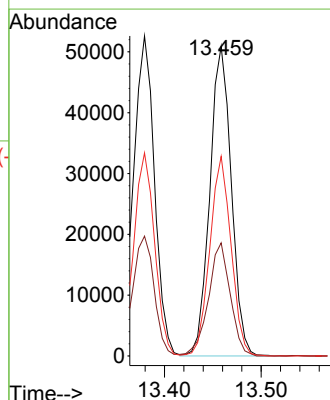
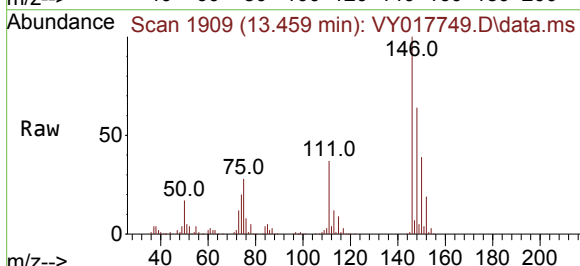
Tgt Ion:146 Resp: 78744

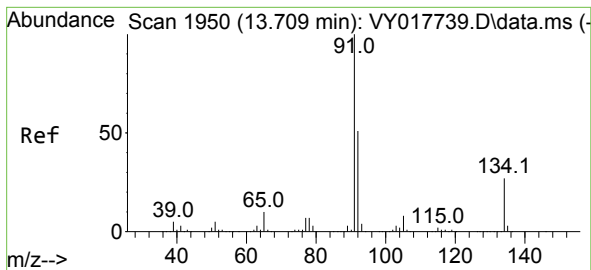
Ion Ratio Lower Upper

146 100

111 37.1 18.4 55.4

148 63.7 32.4 97.2





#89

n-Butylbenzene

Concen: 20.417 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

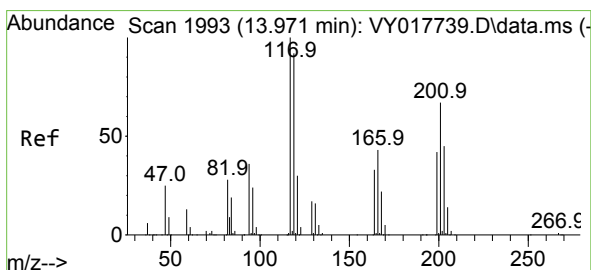
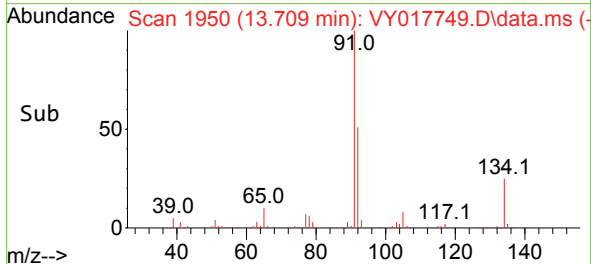
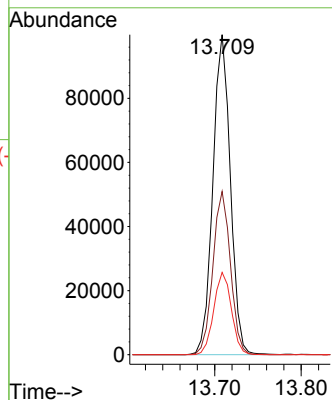
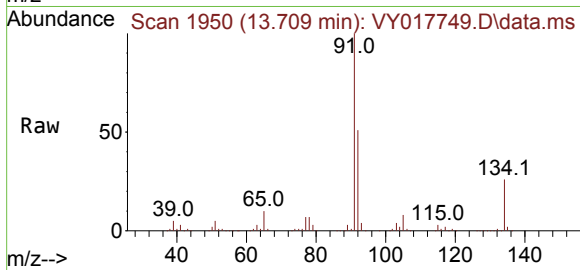
Tgt Ion: 91 Resp: 139919

Ion Ratio Lower Upper

91 100

92 51.4 26.6 79.7

134 25.9 12.9 38.7



#90

Hexachloroethane

Concen: 19.901 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY017749.D

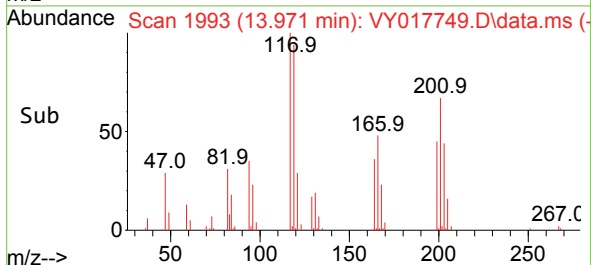
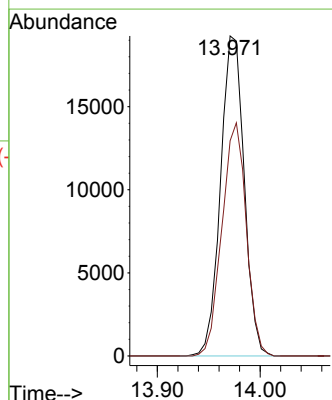
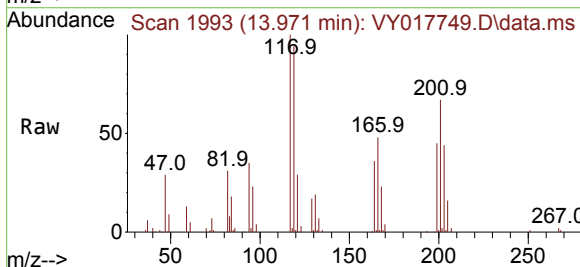
Acq: 25 Mar 2024 11:34

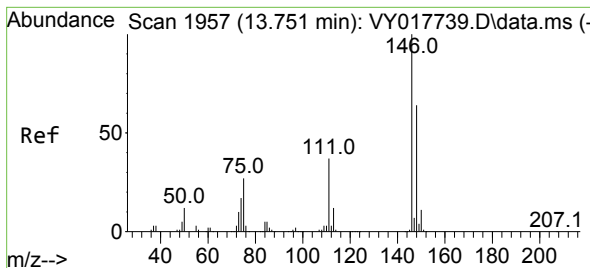
Tgt Ion: 117 Resp: 30741

Ion Ratio Lower Upper

117 100

201 74.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.535 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

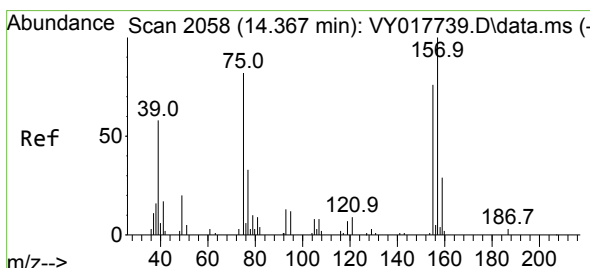
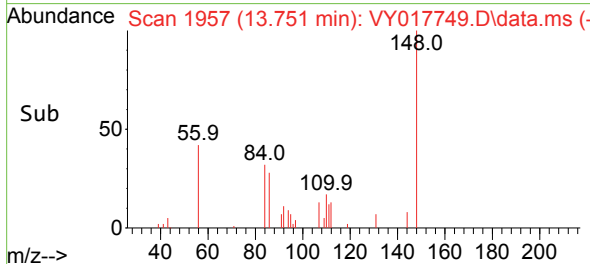
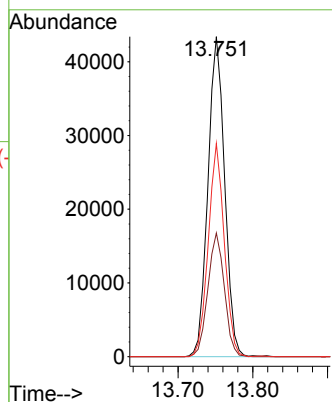
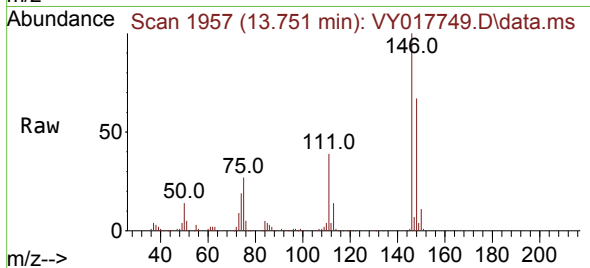
Tgt Ion:146 Resp: 67436

Ion Ratio Lower Upper

146 100

111 38.1 19.9 59.7

148 63.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.960 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

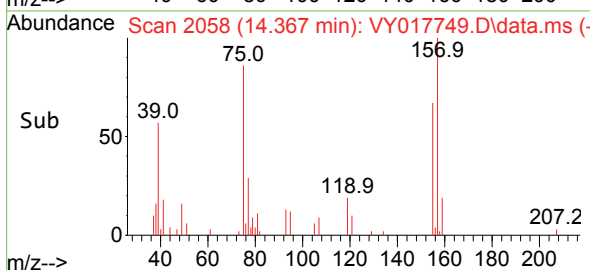
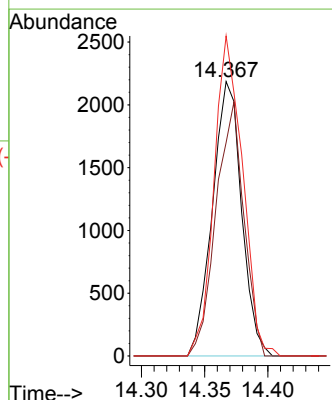
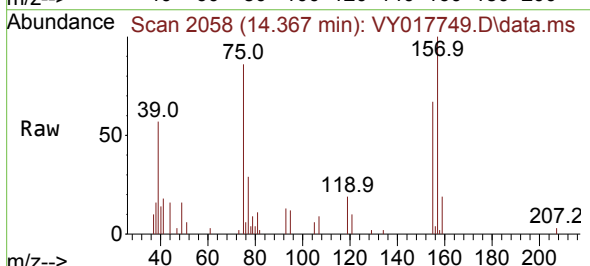
Tgt Ion: 75 Resp: 3495

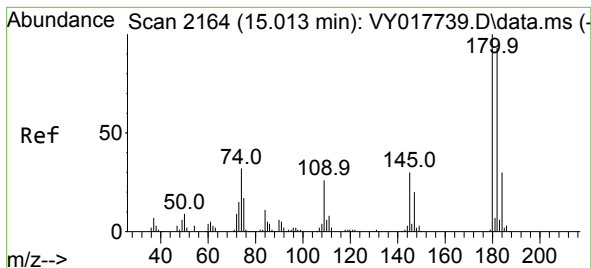
Ion Ratio Lower Upper

75 100

155 88.6 48.6 145.8

157 114.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 22.054 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

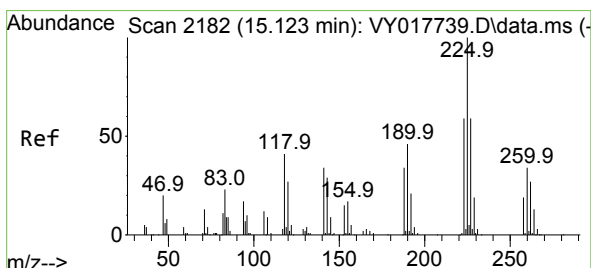
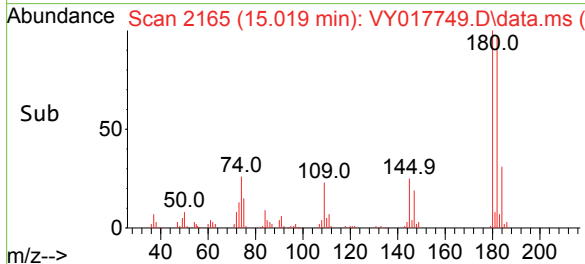
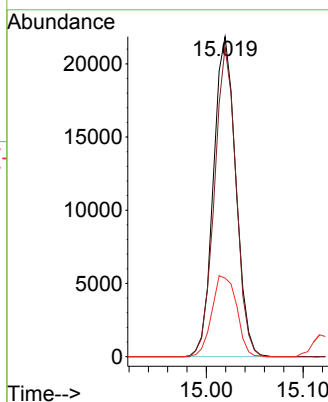
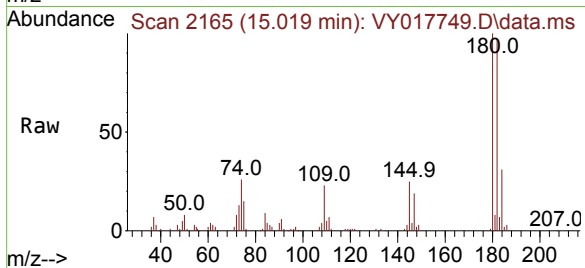
Tgt Ion:180 Resp: 35083

Ion Ratio Lower Upper

180 100

182 93.6 47.9 143.8

145 28.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 22.327 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY017749.D

Acq: 25 Mar 2024 11:34

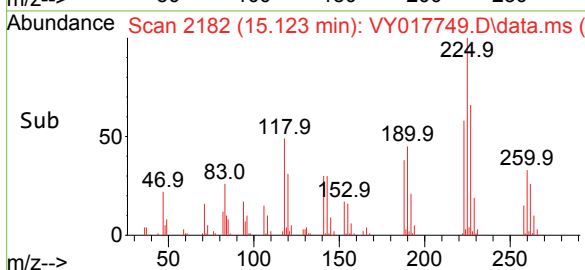
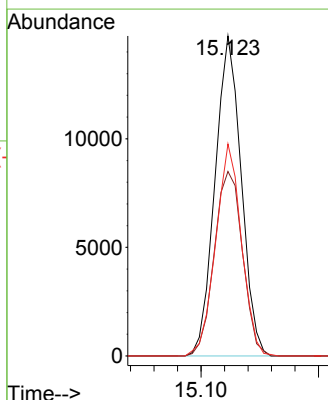
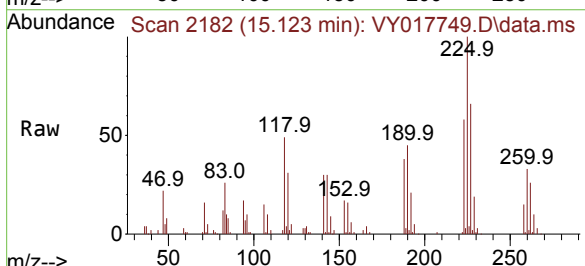
Tgt Ion:225 Resp: 22799

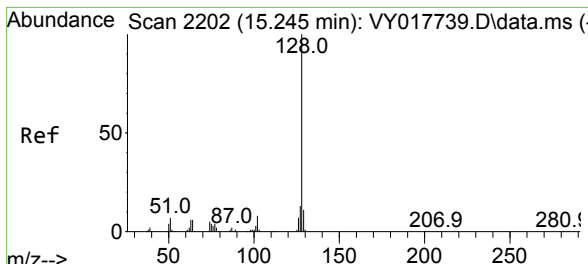
Ion Ratio Lower Upper

225 100

223 62.2 30.4 91.2

227 65.2 31.9 95.9

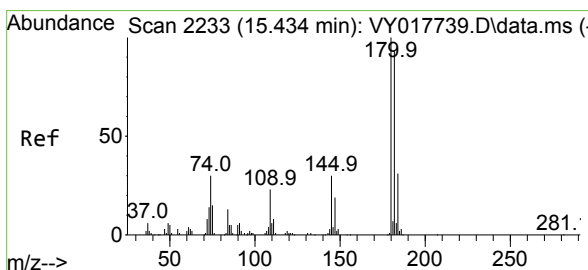
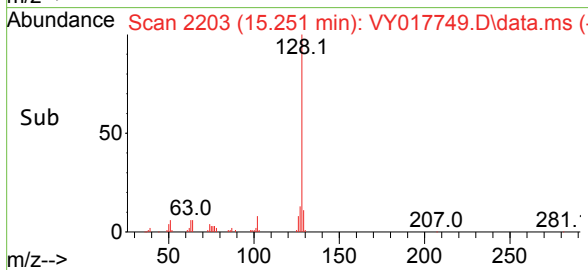
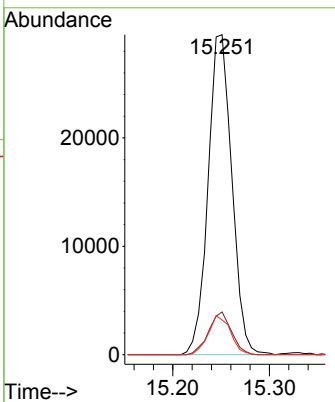
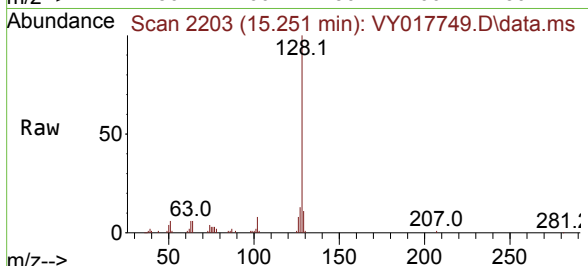




#95
 Naphthalene
 Concen: 18.848 ug/l
 RT: 15.251 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY017749.D
 Acq: 25 Mar 2024 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Tgt Ion:	128	Resp:	50401
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	11.5	8.6	13.0



#96
 1,2,3-Trichlorobenzene
 Concen: 21.339 ug/l
 RT: 15.440 min Scan# 2234
 Delta R.T. 0.006 min
 Lab File: VY017749.D
 Acq: 25 Mar 2024 11:34

Tgt Ion:	180	Resp:	28027
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.6	142.9
145	31.2	15.4	46.1

