

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018608.D
 Acq On : 17 Jun 2024 14:25
 Operator : SY/MD
 Sample : VY0617SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 01:23:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	121287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	207473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	185976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88856	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	69134	56.616	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.240%	
35) Dibromofluoromethane	7.704	113	70000	55.309	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.620%	
50) Toluene-d8	10.173	98	272391	55.965	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.940%	
62) 4-Bromofluorobenzene	12.477	95	85179	55.422	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	17337	21.703	ug/l	99
3) Chloromethane	2.101	50	35857	21.794	ug/l	99
4) Vinyl Chloride	2.235	62	41845	20.538	ug/l	97
5) Bromomethane	2.625	94	30892	20.399	ug/l	93
6) Chloroethane	2.778	64	27802	20.830	ug/l	95
7) Trichlorofluoromethane	3.101	101	53628	24.442	ug/l	99
8) Diethyl Ether	3.515	74	13883	22.192	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.875	101	25803	22.508	ug/l	96
10) Methyl Iodide	4.070	142	22543	16.732	ug/l	98
11) Tert butyl alcohol	4.948	59	15774	71.816	ug/l	98
12) 1,1-Dichloroethene	3.845	96	23216	20.152	ug/l	92
13) Acrolein	3.710	56	6471	91.638	ug/l	91
14) Allyl chloride	4.454	41	35185	22.654	ug/l	95
15) Acrylonitrile	5.137	53	32752	117.685	ug/l	98
16) Acetone	3.936	43	23467	94.459	ug/l #	87
17) Carbon Disulfide	4.174	76	53064	16.732	ug/l	100
18) Methyl Acetate	4.454	43	14401	22.853	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	68613	22.327	ug/l	96
20) Methylene Chloride	4.698	84	47477	26.863	ug/l	93
21) trans-1,2-Dichloroethene	5.204	96	25399	19.367	ug/l	99
22) Diisopropyl ether	6.094	45	83693	23.870	ug/l	91
23) Vinyl Acetate	6.045	43	255616	89.342	ug/l	99
24) 1,1-Dichloroethane	5.997	63	49573	21.946	ug/l	99
25) 2-Butanone	6.972	43	41447	111.299	ug/l	94
26) 2,2-Dichloropropane	6.966	77	37625	19.770	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	33192	20.954	ug/l	97
28) Bromochloromethane	7.313	49	22601	24.411	ug/l	87
29) Tetrahydrofuran	7.338	42	27212	119.073	ug/l	91
30) Chloroform	7.496	83	52927	21.500	ug/l	95
31) Cyclohexane	7.771	56	40215	21.500	ug/l	96
32) 1,1,1-Trichloroethane	7.685	97	44050	21.063	ug/l	97
36) 1,1-Dichloropropene	7.905	75	35552	20.408	ug/l	97
37) Ethyl Acetate	7.057	43	19885	24.214	ug/l	97
38) Carbon Tetrachloride	7.886	117	38592	21.115	ug/l	99
39) Methylcyclohexane	9.173	83	44963	21.064	ug/l	93
40) Benzene	8.149	78	113064	20.986	ug/l	99

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Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 01:23:29 2024
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	26033	63.029	ug/l #	27
42) 1,2-Dichloroethane	8.222	62	30672	21.822	ug/l	97
43) Isopropyl Acetate	8.264	43	37374	24.383	ug/l	92
44) Trichloroethene	8.929	130	28174	19.974	ug/l	96
45) 1,2-Dichloropropane	9.209	63	27706	22.490	ug/l	97
46) Dibromomethane	9.301	93	15567	20.365	ug/l	93
47) Bromodichloromethane	9.490	83	39539	21.672	ug/l #	96
48) Methyl methacrylate	9.283	41	15545	22.528	ug/l	90
49) 1,4-Dioxane	9.289	88	4075	405.340	ug/l #	92
51) 4-Methyl-2-Pentanone	10.063	43	100087	123.966	ug/l	94
52) Toluene	10.240	92	71221	20.589	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	34685	21.755	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	41006	21.313	ug/l #	91
55) 1,1,2-Trichloroethane	10.636	97	22520	22.150	ug/l	95
56) Ethyl methacrylate	10.502	69	29964	22.522	ug/l #	89
57) 1,3-Dichloropropane	10.782	76	37904	22.443	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	72185	112.389	ug/l	98
59) 2-Hexanone	10.825	43	67256	118.924	ug/l	95
60) Dibromochloromethane	10.977	129	27676	21.913	ug/l	99
61) 1,2-Dibromoethane	11.081	107	21038	22.390	ug/l	94
64) Tetrachloroethene	10.715	164	27788	20.949	ug/l	96
65) Chlorobenzene	11.508	112	81999	21.344	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.581	131	26396	20.502	ug/l	98
67) Ethyl Benzene	11.587	91	138696	20.806	ug/l	96
68) m/p-Xylenes	11.697	106	107137	41.303	ug/l	98
69) o-Xylene	12.026	106	50609	20.289	ug/l	96
70) Styrene	12.038	104	85982	20.865	ug/l	98
71) Bromoform	12.203	173	14674	20.772	ug/l #	96
73) Isopropylbenzene	12.325	105	134663	20.754	ug/l	99
74) N-amyl acetate	12.142	43	32474	24.441	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	25869	22.454	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	31914	38.289	ug/l #	100
77) Bromobenzene	12.605	156	29490	19.653	ug/l	94
78) n-propylbenzene	12.666	91	162860	21.447	ug/l	100
79) 2-Chlorotoluene	12.751	91	87987	20.527	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	106799	20.768	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	7080	22.250	ug/l #	85
82) 4-Chlorotoluene	12.849	91	91287	21.149	ug/l	99
83) tert-Butylbenzene	13.069	119	97489	20.483	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	105952	20.614	ug/l	99
85) sec-Butylbenzene	13.251	105	146319	21.555	ug/l	100
86) p-Isopropyltoluene	13.367	119	122475	21.282	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	60377	19.949	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	62129	20.919	ug/l	97
89) n-Butylbenzene	13.690	91	115932	22.350	ug/l	99
90) Hexachloroethane	13.959	117	22458	21.482	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	54529	21.090	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	3939	23.611	ug/l	80
93) 1,2,4-Trichlorobenzene	15.001	180	29393	20.406	ug/l	97
94) Hexachlorobutadiene	15.111	225	15895	21.477	ug/l	97
95) Naphthalene	15.233	128	58316	21.664	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	26509	21.781	ug/l	97

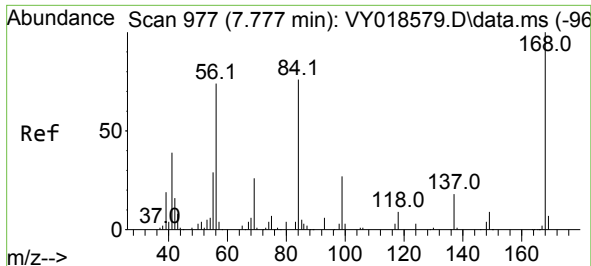
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QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration

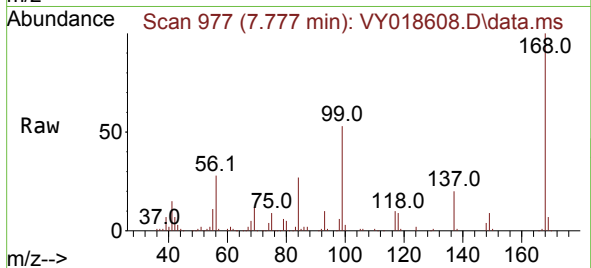
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

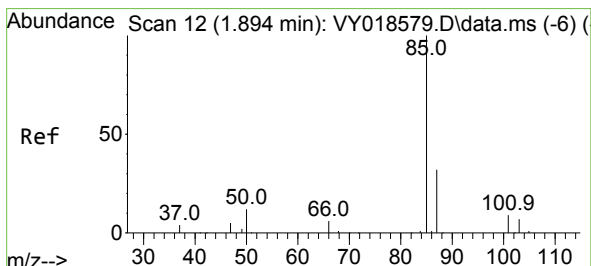
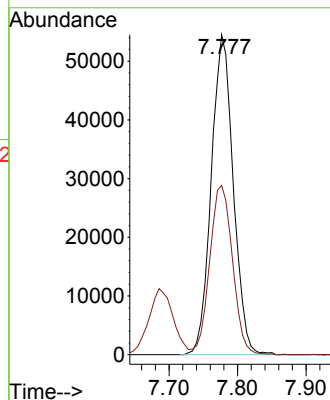
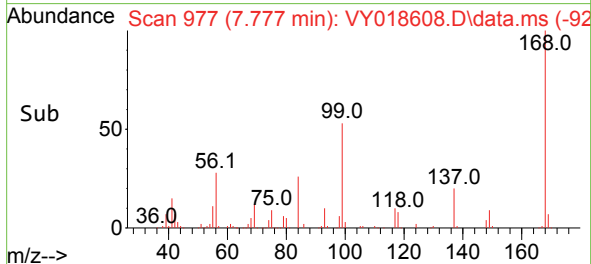


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018608.D
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MSVOA_Y
ClientSampleId :

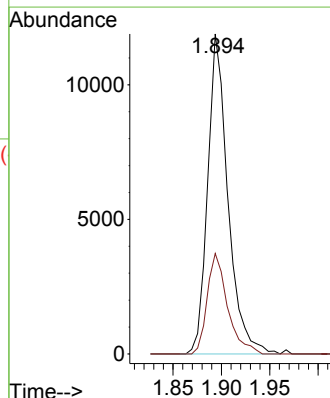
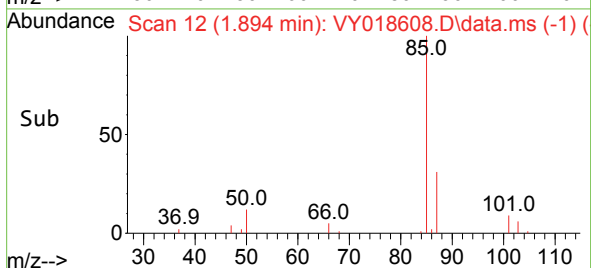
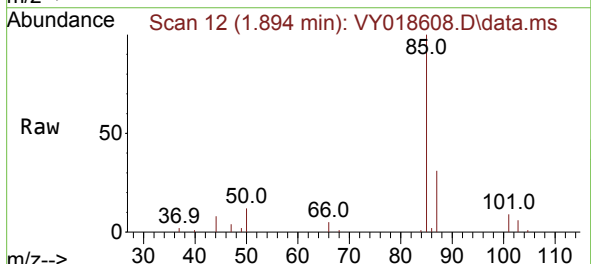


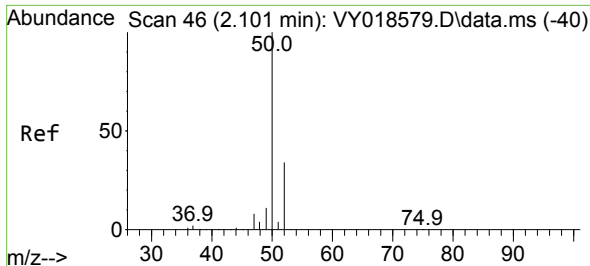
Tgt Ion:168 Resp: 121287
Ion Ratio Lower Upper
168 100
99 52.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 21.703 ug/l
RT: 1.894 min Scan# 12
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Tgt Ion: 85 Resp: 17337
Ion Ratio Lower Upper
85 100
87 31.4 16.0 48.0

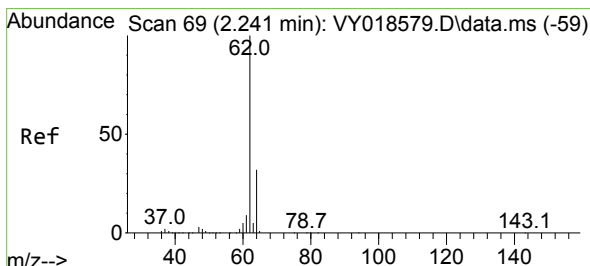
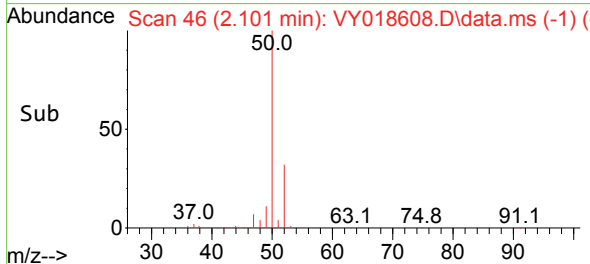
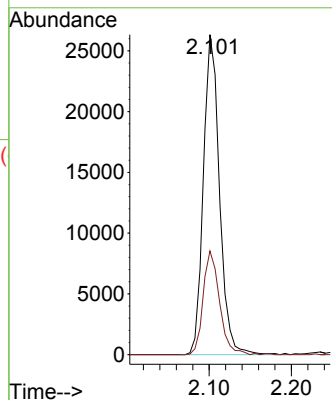
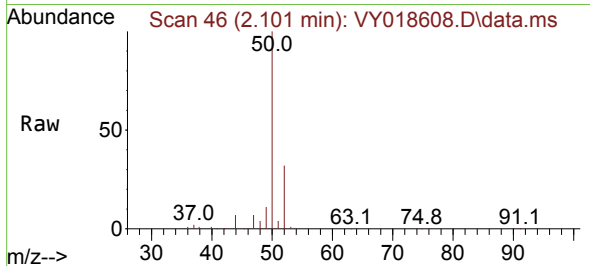




#3
Chloromethane
Concen: 21.794 ug/l
RT: 2.101 min Scan# 40
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

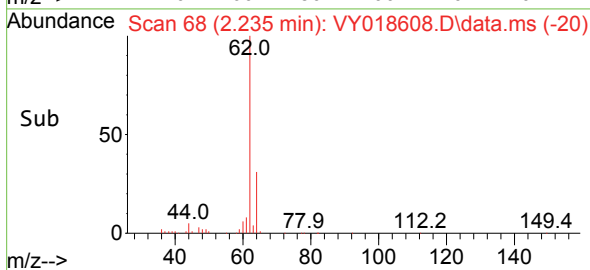
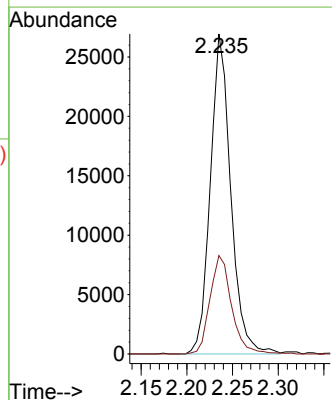
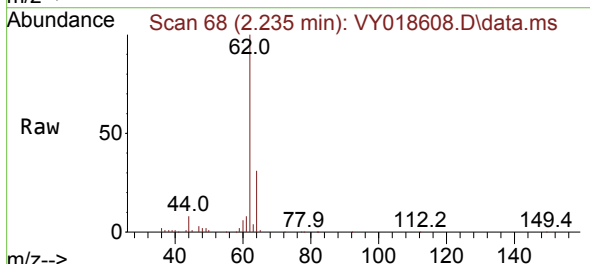
Instrument :
MSVOA_Y
ClientSampleId :

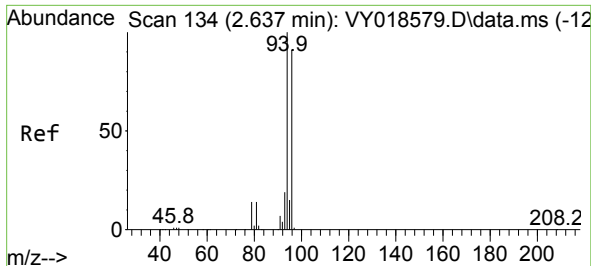
Tgt Ion: 50 Resp: 35857
Ion Ratio Lower Upper
50 100
52 32.4 25.6 38.4



#4
Vinyl Chloride
Concen: 20.538 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.006 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Tgt Ion: 62 Resp: 41845
Ion Ratio Lower Upper
62 100
64 30.8 26.1 39.1

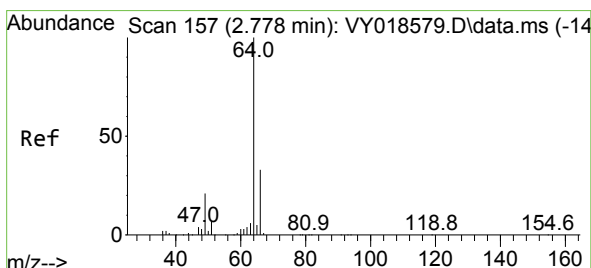
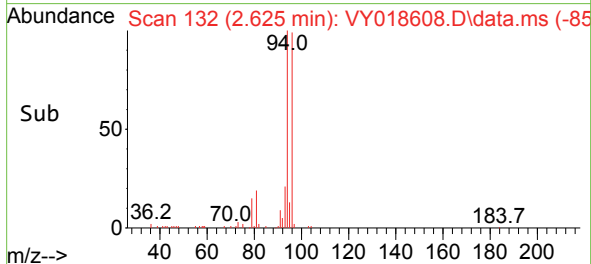
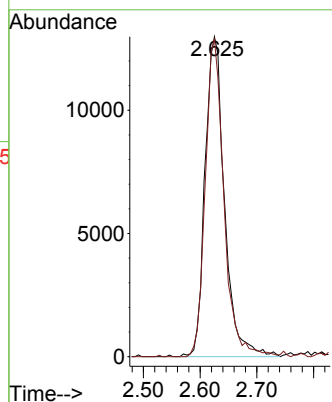
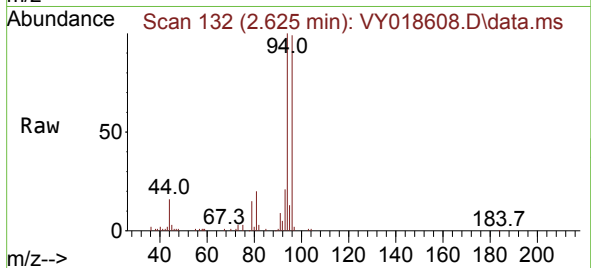




#5
Bromomethane
Concen: 20.399 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

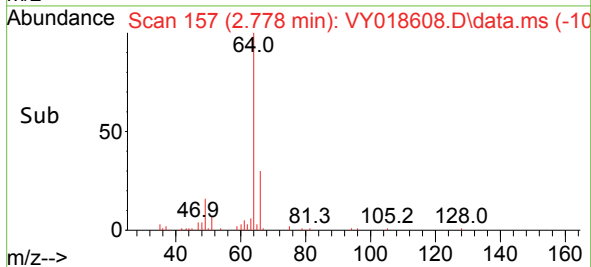
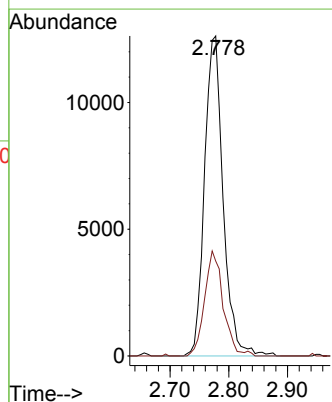
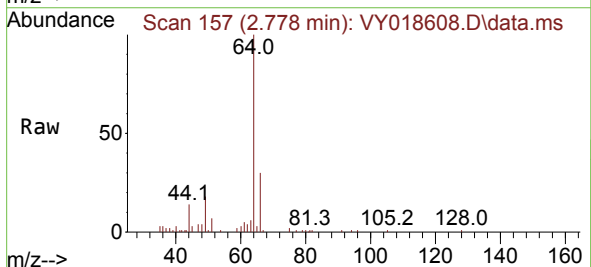
Instrument :
MSVOA_Y
ClientSampleId :

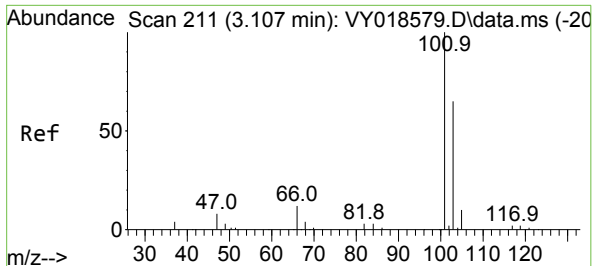
Tgt Ion: 94 Resp: 30892
Ion Ratio Lower Upper
94 100
96 99.2 74.1 111.1



#6
Chloroethane
Concen: 20.830 ug/l
RT: 2.778 min Scan# 157
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

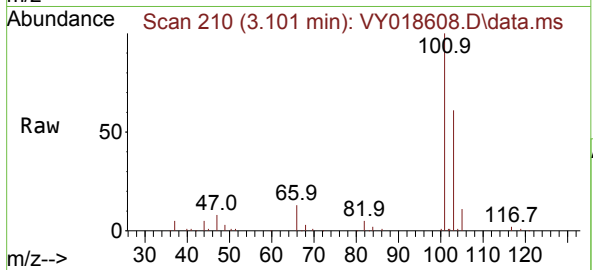
Tgt Ion: 64 Resp: 27802
Ion Ratio Lower Upper
64 100
66 29.7 26.1 39.1



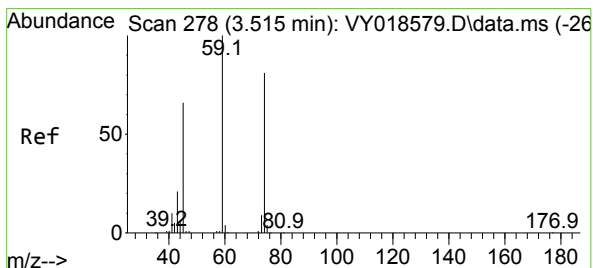
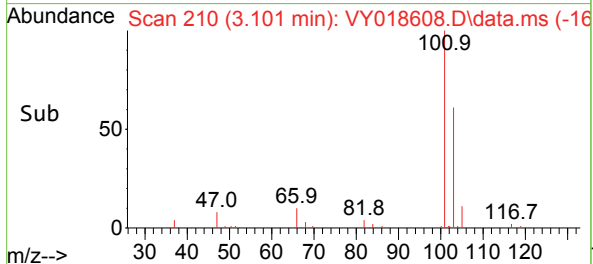
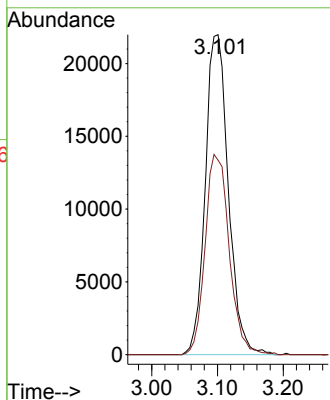


#7
Trichlorofluoromethane
Concen: 24.442 ug/l
RT: 3.101 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

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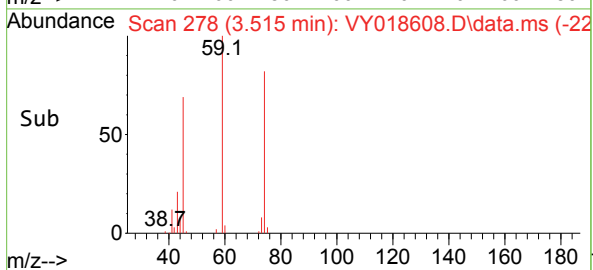
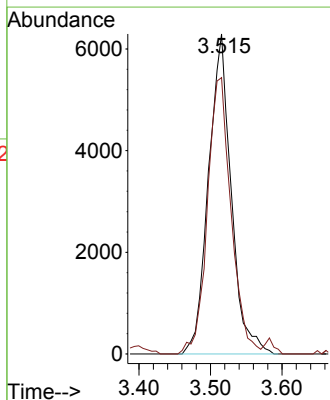
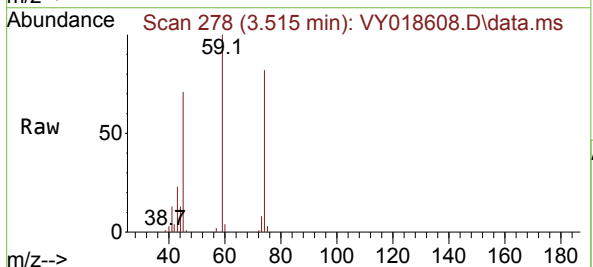


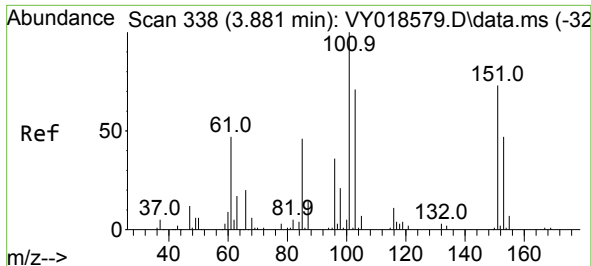
Tgt Ion:101 Resp: 53628
Ion Ratio Lower Upper
101 100
103 60.8 49.3 73.9



#8
Diethyl Ether
Concen: 22.192 ug/l
RT: 3.515 min Scan# 278
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Tgt Ion: 74 Resp: 13883
Ion Ratio Lower Upper
74 100
45 89.9 41.3 124.1

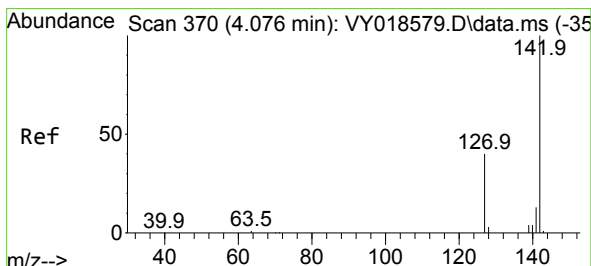
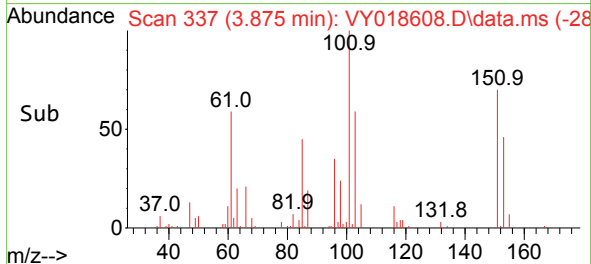
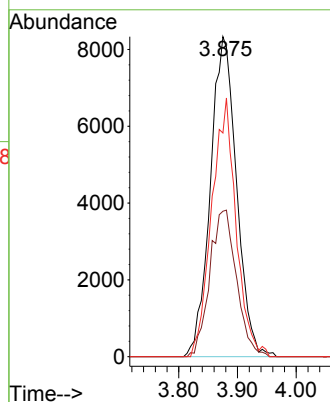
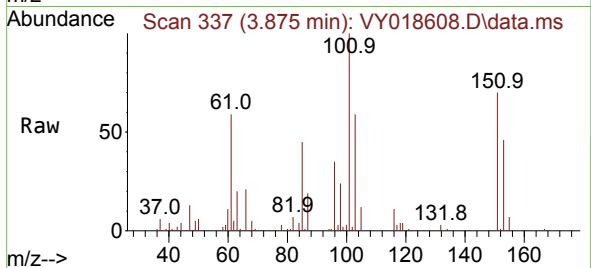




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.508 ug/l
RT: 3.875 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY018608.D
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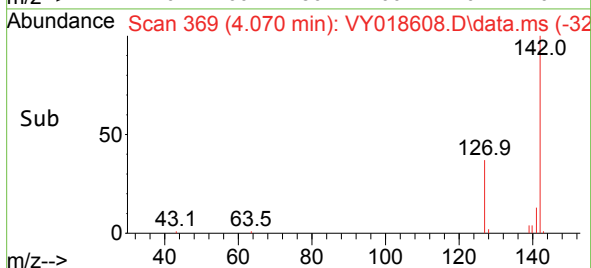
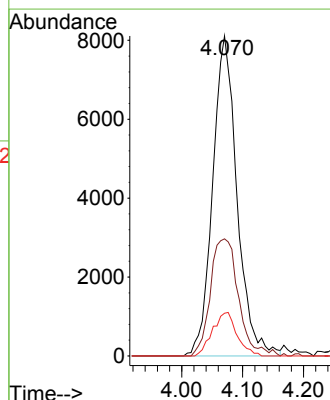
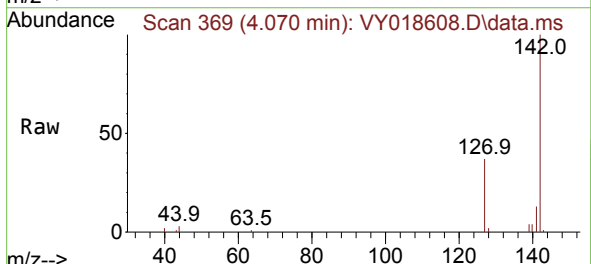
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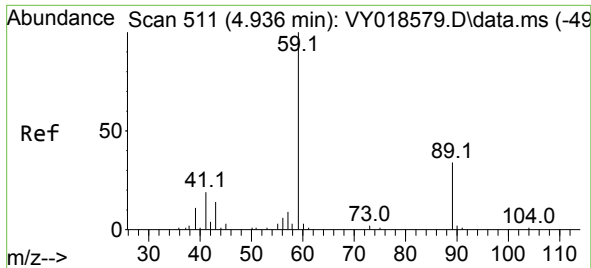
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Ion Ratio Lower Upper
101 100
85 46.7 34.5 51.7
151 75.1 61.7 92.5



#10
Methyl Iodide
Concen: 16.732 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.006 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

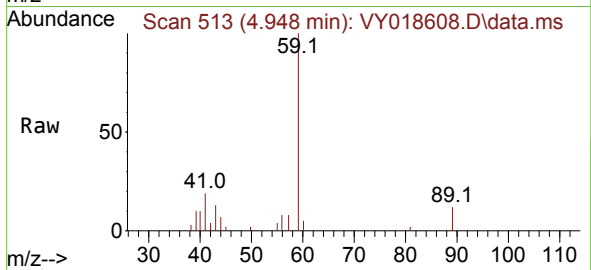
Tgt Ion:142 Resp: 22543
Ion Ratio Lower Upper
142 100
127 42.2 32.8 49.2
141 13.7 11.4 17.2



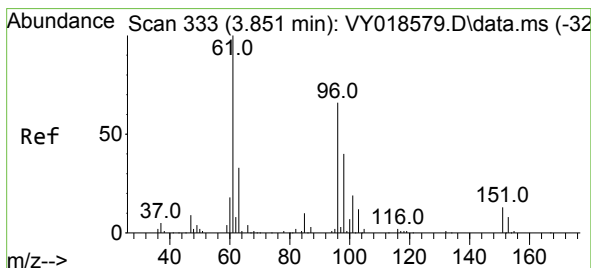
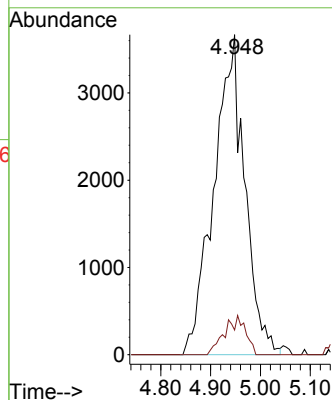
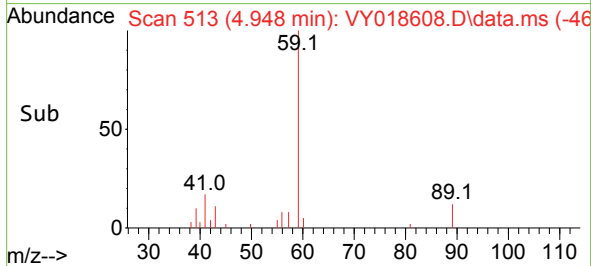


#11
Tert butyl alcohol
Concen: 71.816 ug/l
RT: 4.948 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

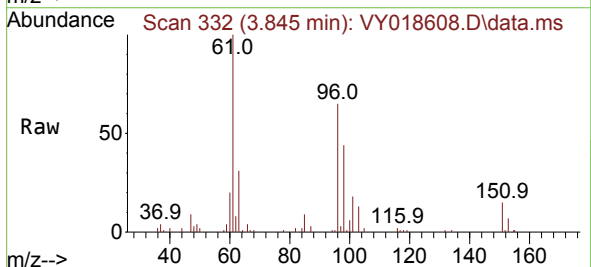
Instrument :
MSVOA_Y
ClientSampleId :



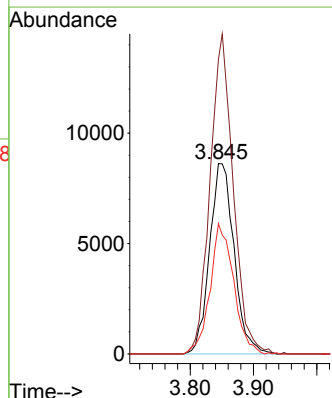
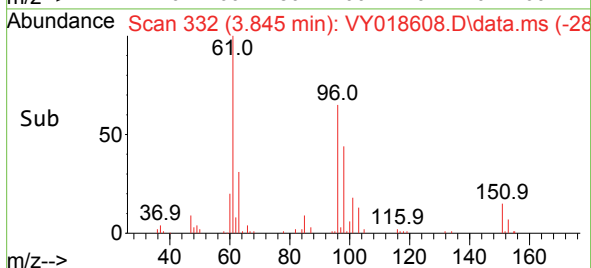
Tgt Ion: 59 Resp: 15774
Ion Ratio Lower Upper
59 100
57 4.5 3.0 4.6

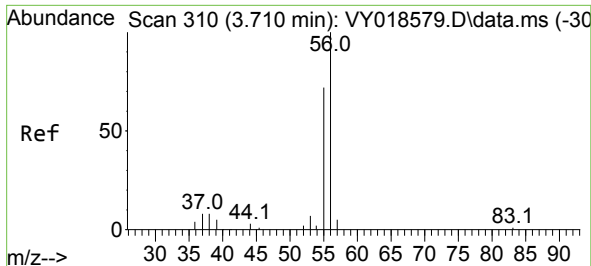


#12
1,1-Dichloroethene
Concen: 20.152 ug/l
RT: 3.845 min Scan# 332
Delta R.T. -0.006 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25



Tgt Ion: 96 Resp: 23216
Ion Ratio Lower Upper
96 100
61 154.7 114.6 171.8
98 68.4 50.8 76.2





#13

Acrolein

Concen: 91.638 ug/l

RT: 3.710 min Scan# 310

Delta R.T. 0.000 min

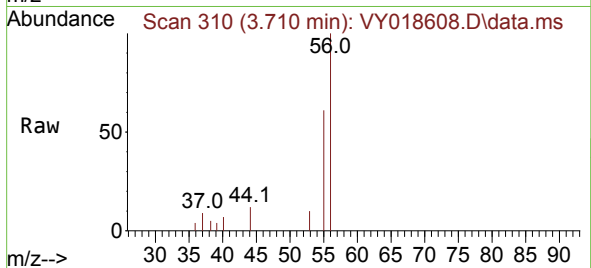
Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

ClientSampleId :

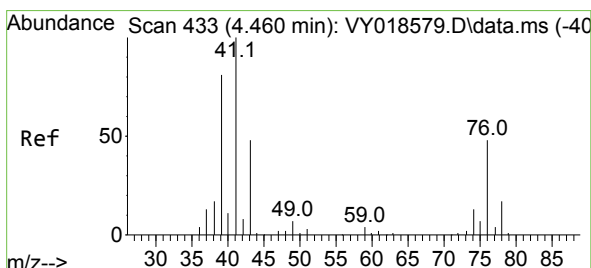
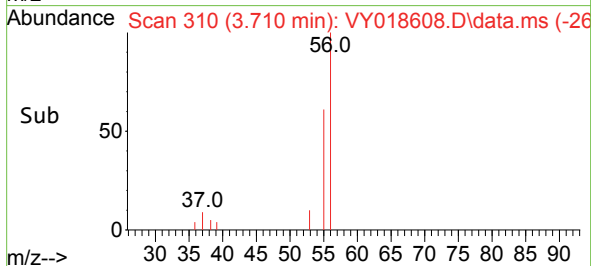
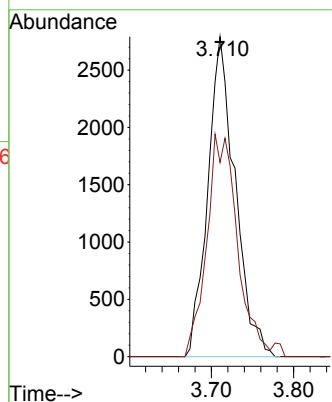


Tgt Ion: 56 Resp: 6471

Ion Ratio Lower Upper

56 100

55 77.3 55.7 83.5



#14

Allyl chloride

Concen: 22.654 ug/l

RT: 4.454 min Scan# 432

Delta R.T. -0.006 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

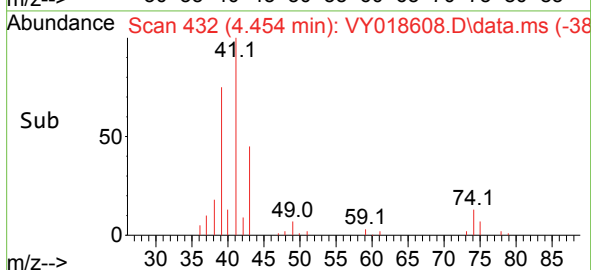
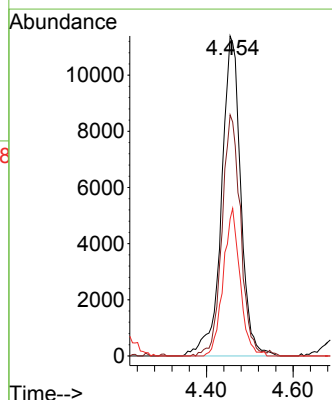
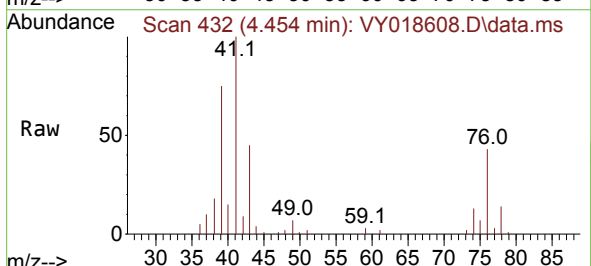
Tgt Ion: 41 Resp: 35185

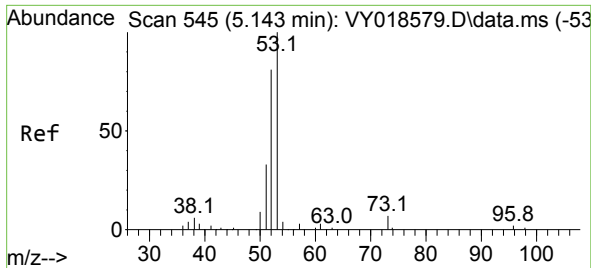
Ion Ratio Lower Upper

41 100

39 72.9 58.3 87.5

76 40.5 39.0 58.6

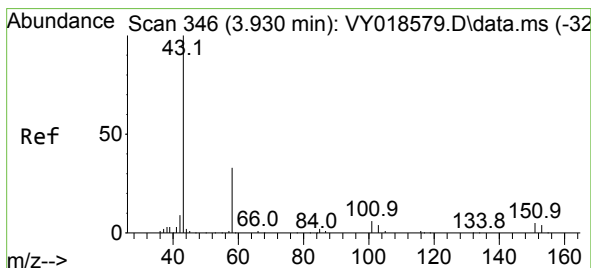
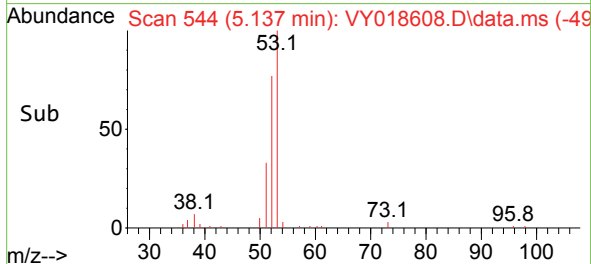
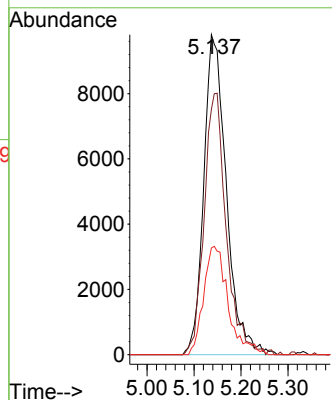
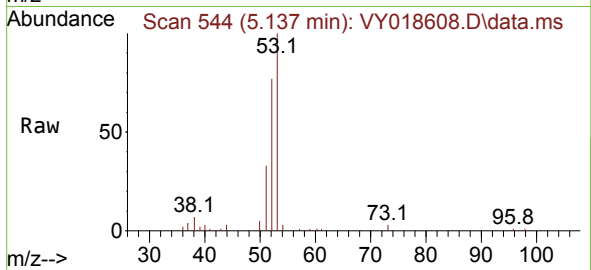




#15
Acrylonitrile
Concen: 117.685 ug/l
RT: 5.137 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

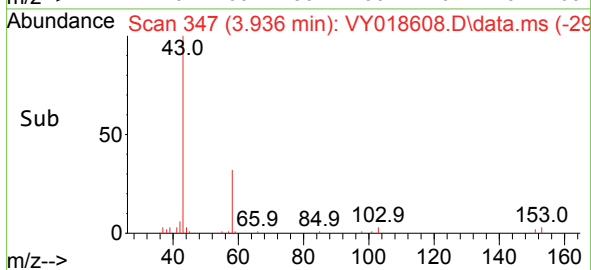
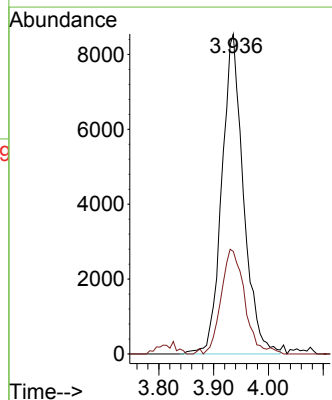
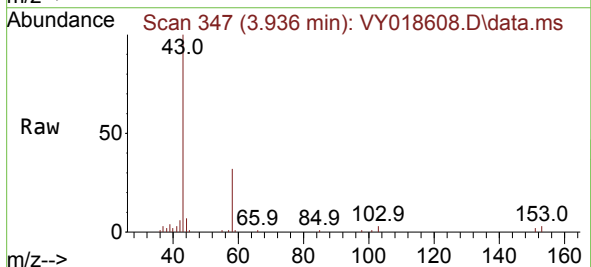
Instrument :
MSVOA_Y
ClientSampleId :

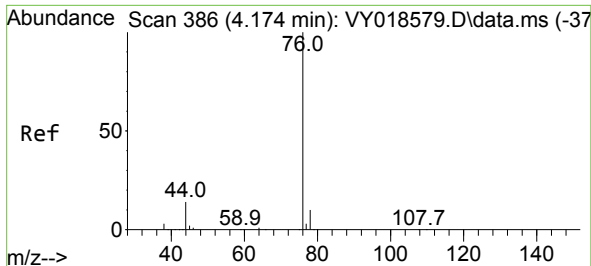
Tgt Ion: 53 Resp: 32752
Ion Ratio Lower Upper
53 100
52 79.7 64.7 97.1
51 36.7 28.4 42.6



#16
Acetone
Concen: 94.459 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Tgt Ion: 43 Resp: 23467
Ion Ratio Lower Upper
43 100
58 31.4 31.7 47.5#

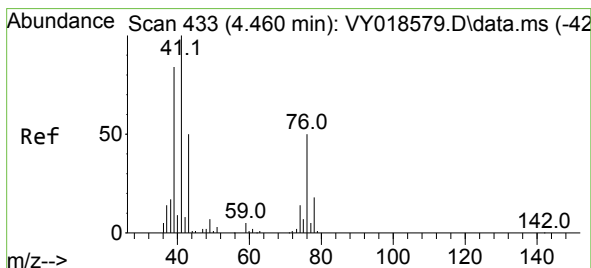
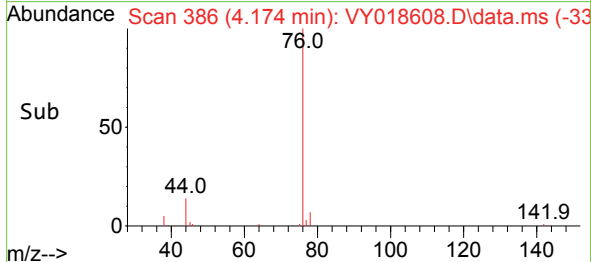
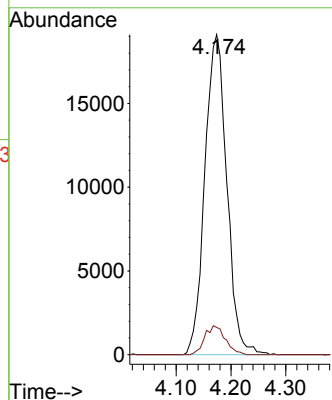
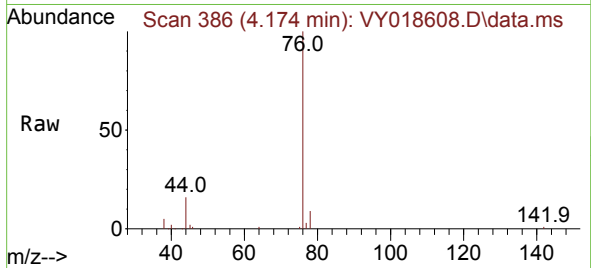




#17
Carbon Disulfide
Concen: 16.732 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

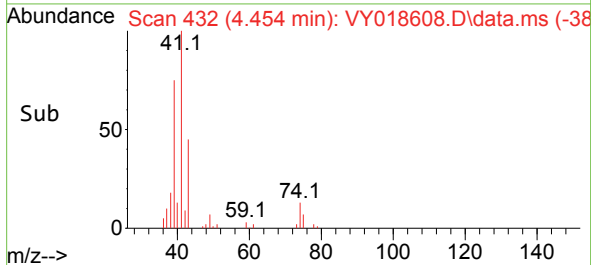
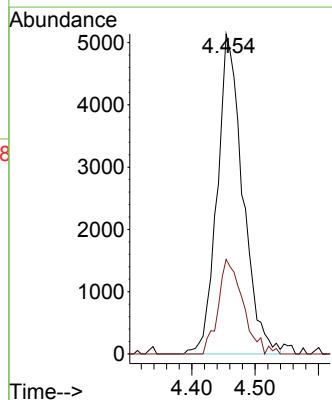
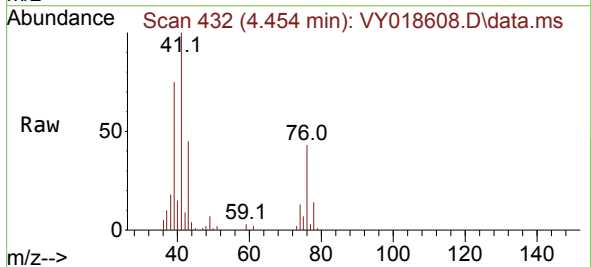
Instrument :
MSVOA_Y
ClientSampleId :

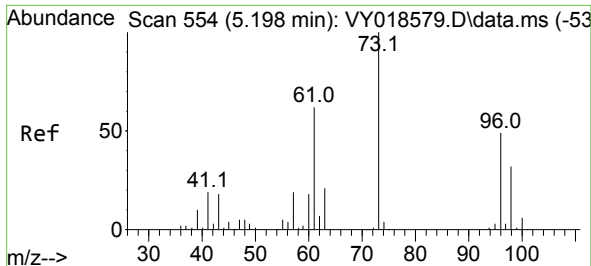
Tgt Ion: 76 Resp: 53064
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 22.853 ug/l
RT: 4.454 min Scan# 432
Delta R.T. -0.006 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Tgt Ion: 43 Resp: 14401
Ion Ratio Lower Upper
43 100
74 28.7 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 22.327 ug/l

RT: 5.204 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

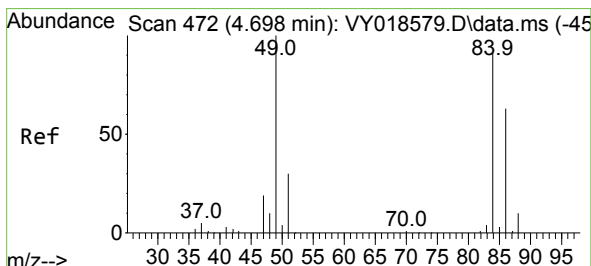
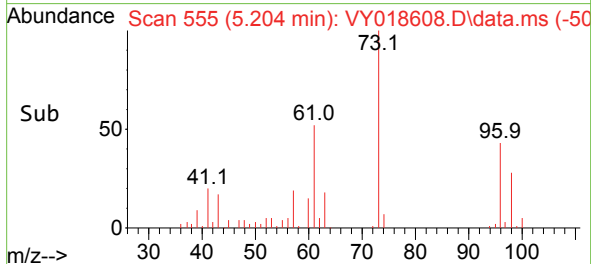
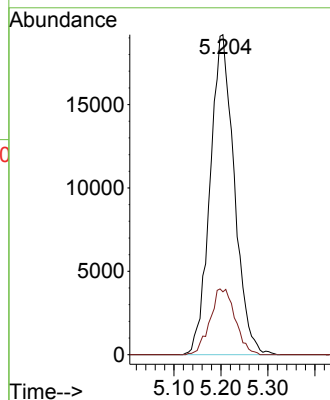
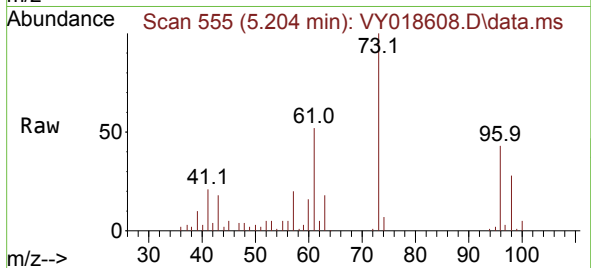
ClientSampleId :

Tgt Ion: 73 Resp: 68613

Ion Ratio Lower Upper

73 100

57 19.7 17.3 25.9



#20

Methylene Chloride

Concen: 26.863 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Tgt Ion: 84 Resp: 47477

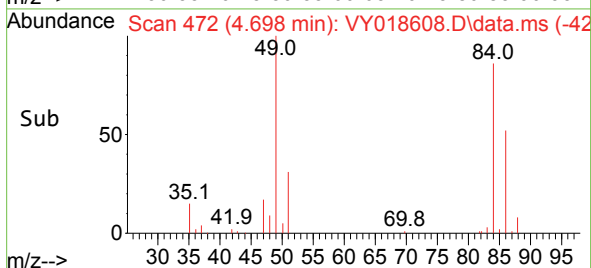
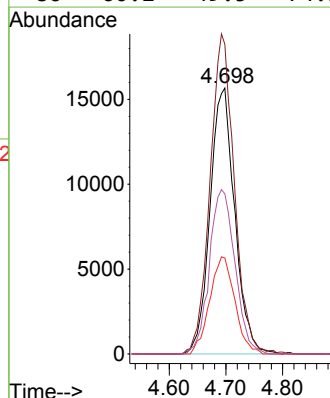
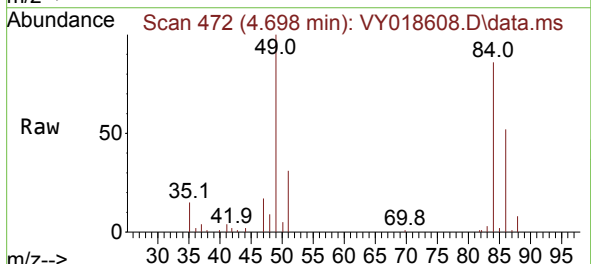
Ion Ratio Lower Upper

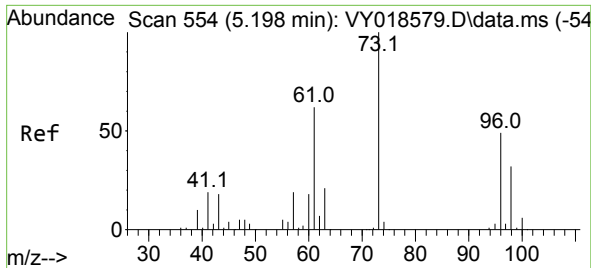
84 100

49 116.5 84.4 126.6

51 36.1 26.0 39.0

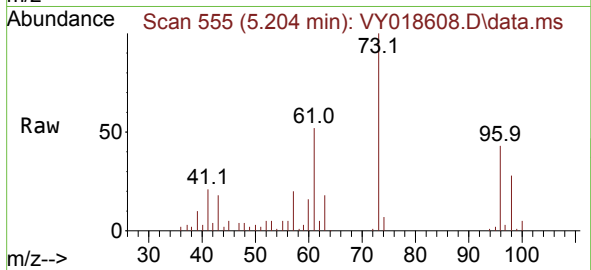
86 60.2 49.5 74.3



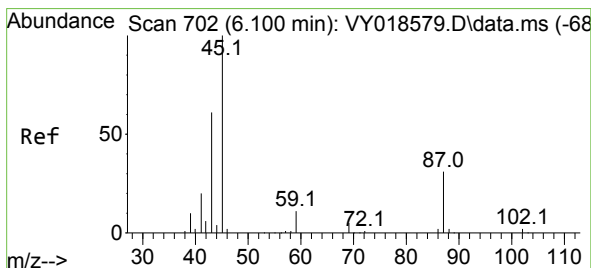
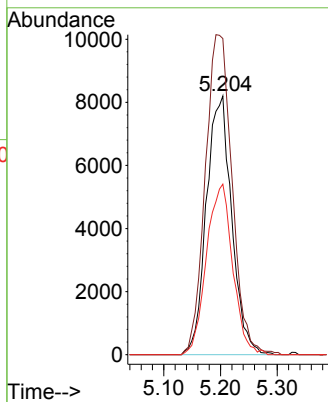
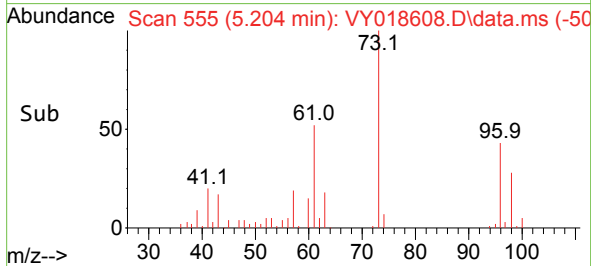


#21
trans-1,2-Dichloroethene
Concen: 19.367 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

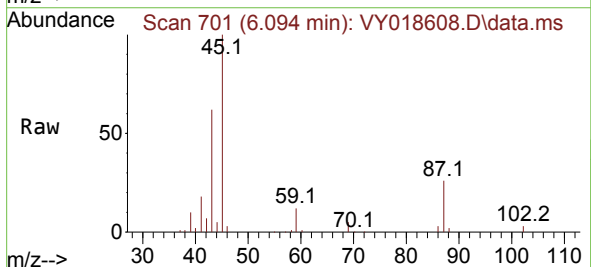
Instrument :
MSVOA_Y
ClientSampleId :



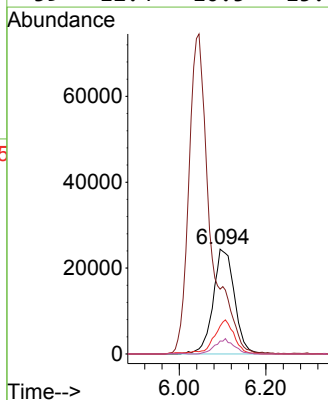
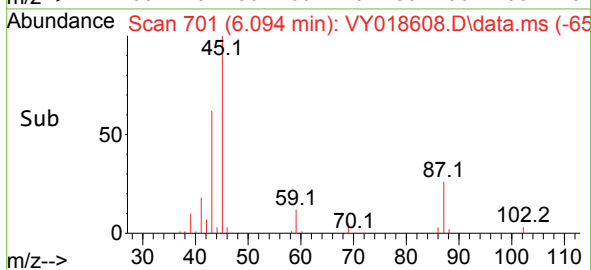
Tgt Ion: 96 Resp: 25399
Ion Ratio Lower Upper
96 100
61 122.2 97.5 146.3
98 65.9 50.5 75.7

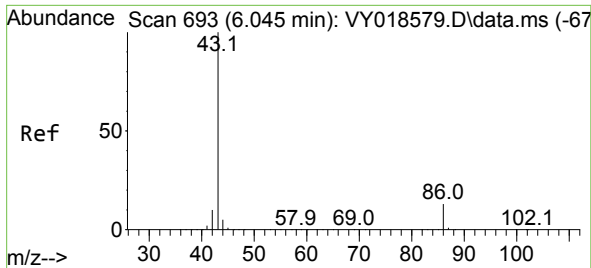


#22
Diisopropyl ether
Concen: 23.870 ug/l
RT: 6.094 min Scan# 701
Delta R.T. -0.006 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25



Tgt Ion: 45 Resp: 83693
Ion Ratio Lower Upper
45 100
43 61.0 42.2 63.2
87 26.5 25.0 37.6
59 12.4 10.5 15.7

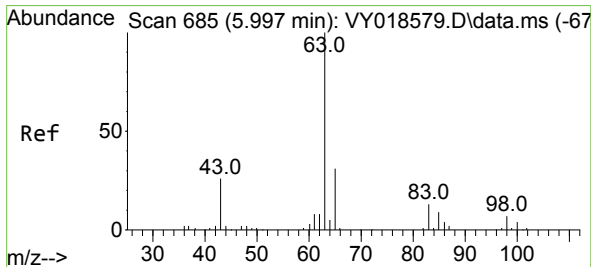
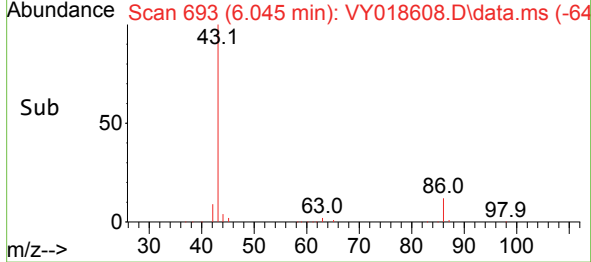
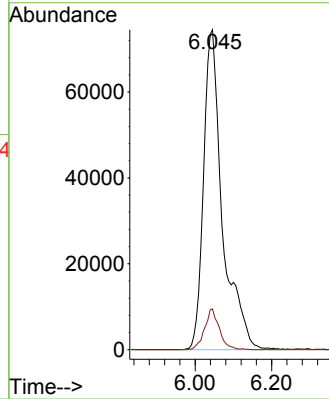
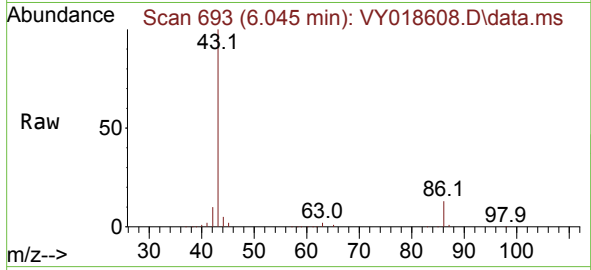




#23
 Vinyl Acetate
 Concen: 89.342 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY018608.D
 Acq: 17 Jun 2024 14:25

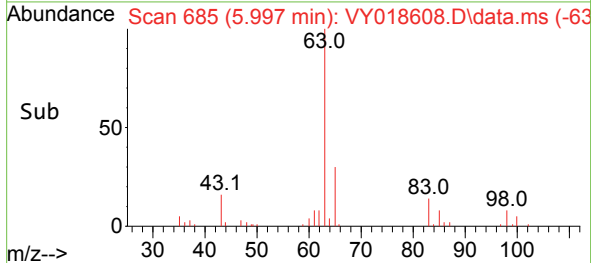
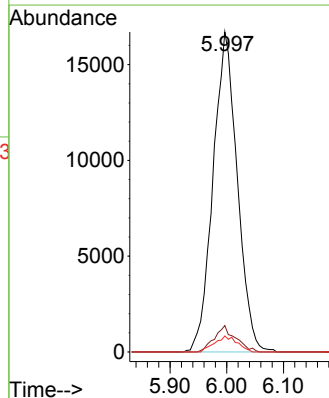
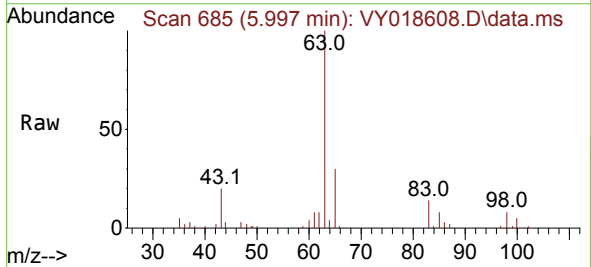
Instrument :
 MSVOA_Y
 ClientSampleId :

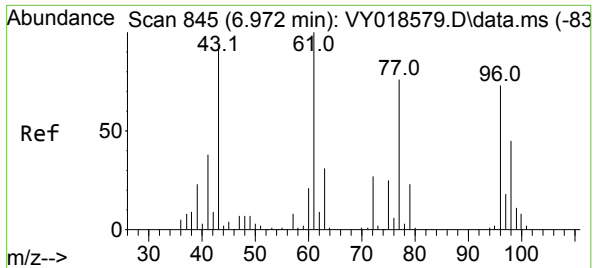
Tgt Ion: 43 Resp: 255616
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 21.946 ug/l
 RT: 5.997 min Scan# 685
 Delta R.T. 0.000 min
 Lab File: VY018608.D
 Acq: 17 Jun 2024 14:25

Tgt Ion: 63 Resp: 49573
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.0 12.2
 100 5.0 2.6 8.0

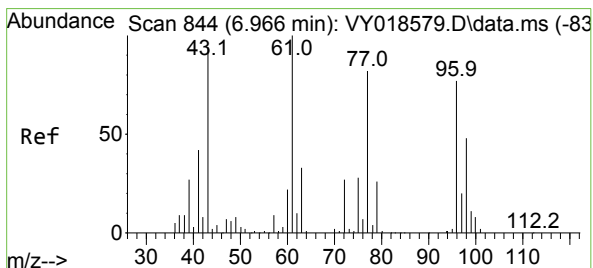
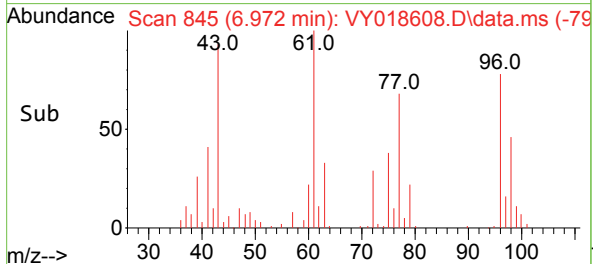
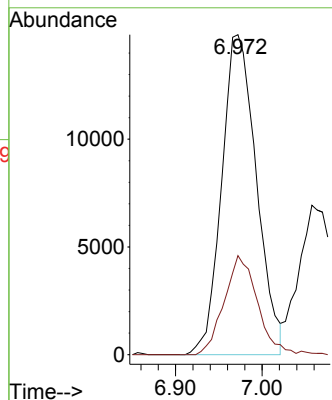
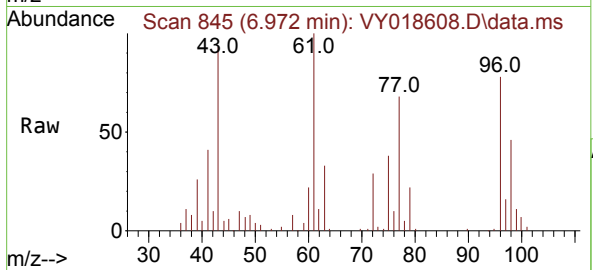




#25
2-Butanone
Concen: 111.299 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

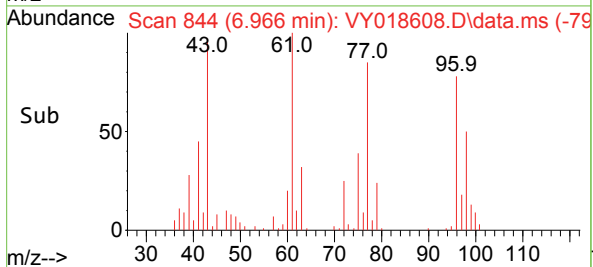
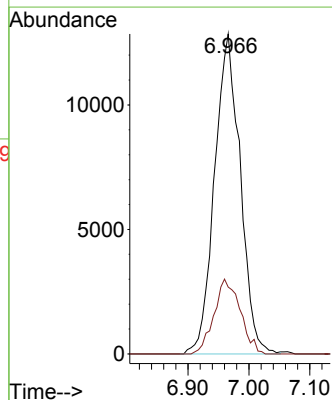
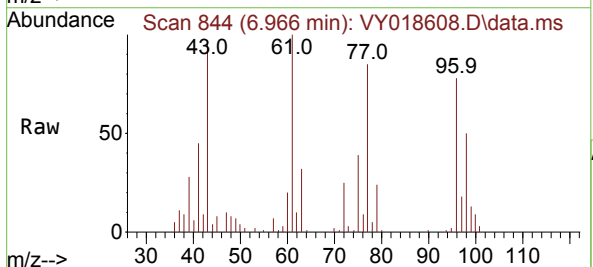
Instrument :
MSVOA_Y
ClientSampleId :

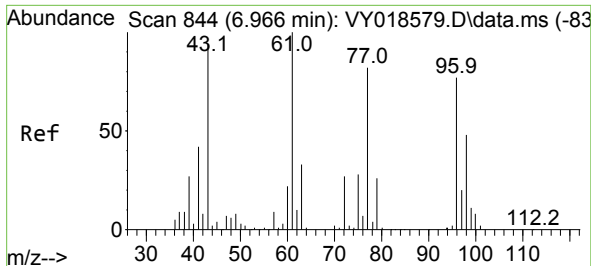
Tgt Ion: 43 Resp: 41447
Ion Ratio Lower Upper
43 100
72 30.9 27.3 40.9



#26
2,2-Dichloropropane
Concen: 19.770 ug/l
RT: 6.966 min Scan# 844
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Tgt Ion: 77 Resp: 37625
Ion Ratio Lower Upper
77 100
97 23.8 12.0 36.1

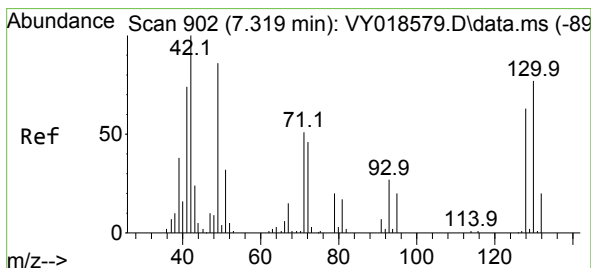
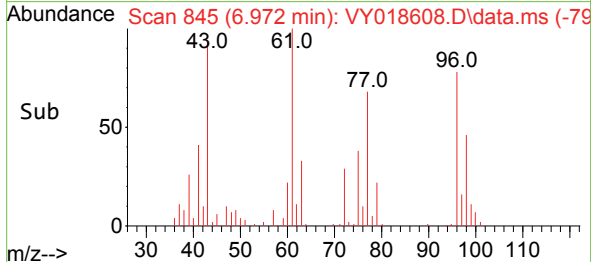
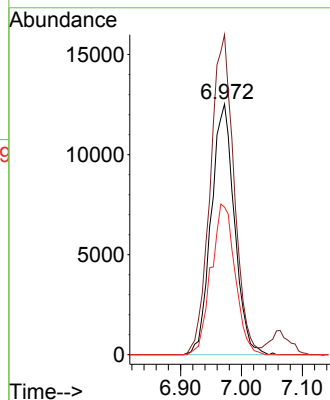
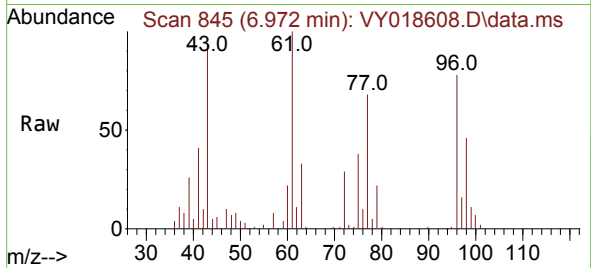




#27
 cis-1,2-Dichloroethene
 Concen: 20.954 ug/l
 RT: 6.972 min Scan# 844
 Delta R.T. 0.006 min
 Lab File: VY018608.D
 Acq: 17 Jun 2024 14:25

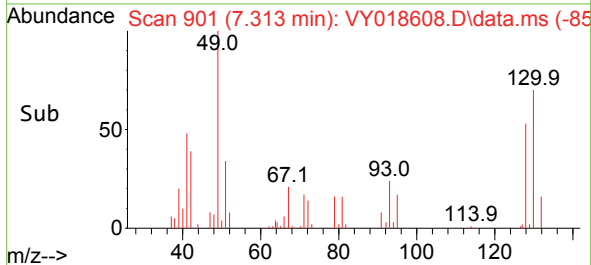
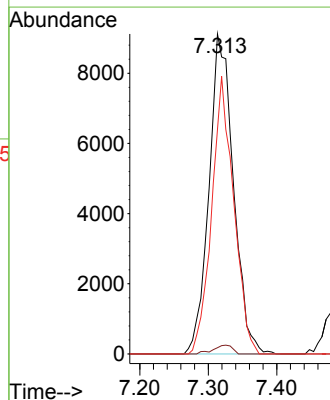
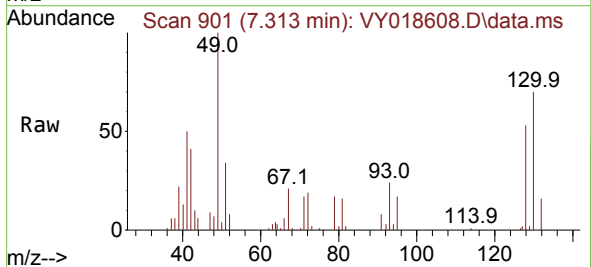
Instrument :
 MSVOA_Y
 ClientSampleId :

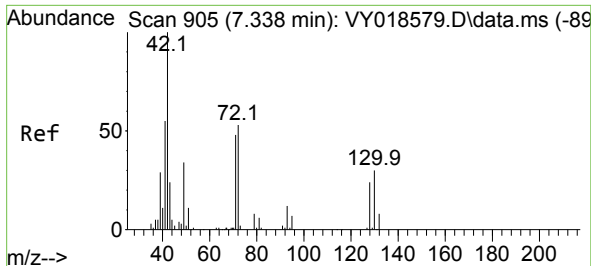
Tgt Ion: 96 Resp: 33192
 Ion Ratio Lower Upper
 96 100
 61 130.3 0.0 256.2
 98 61.9 0.0 130.0



#28
 Bromochloromethane
 Concen: 24.411 ug/l
 RT: 7.313 min Scan# 901
 Delta R.T. -0.006 min
 Lab File: VY018608.D
 Acq: 17 Jun 2024 14:25

Tgt Ion: 49 Resp: 22601
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 78.1 72.7 109.1





#29

Tetrahydrofuran

Concen: 119.073 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

ClientSampleId :

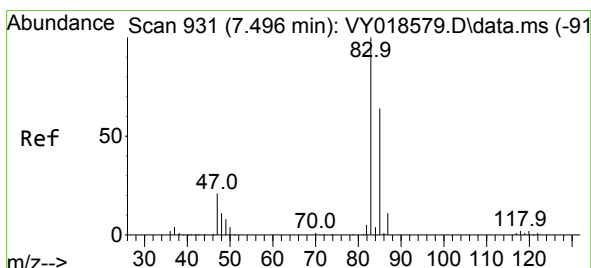
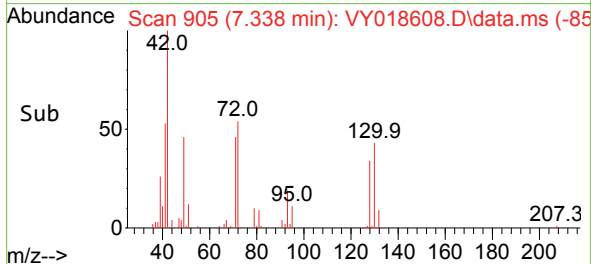
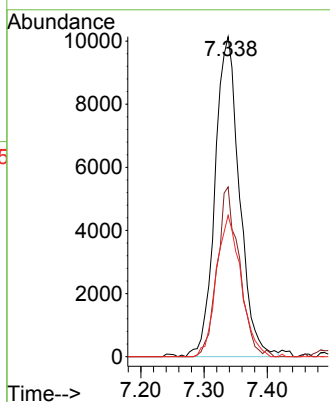
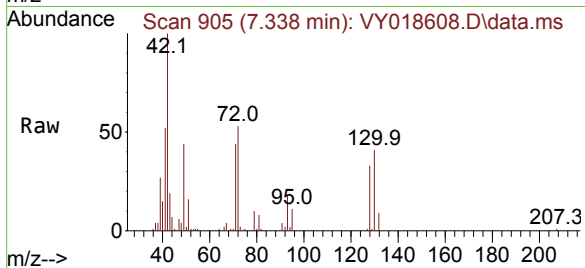
Tgt Ion: 42 Resp: 27212

Ion Ratio Lower Upper

42 100

72 47.9 43.0 64.4

71 44.5 40.8 61.2



#30

Chloroform

Concen: 21.500 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY018608.D

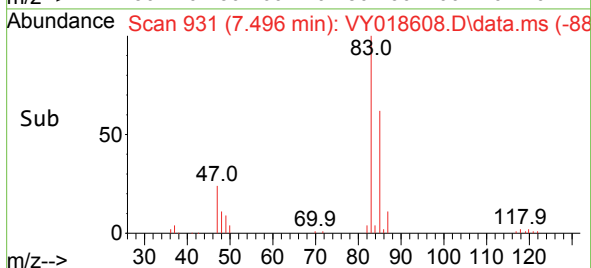
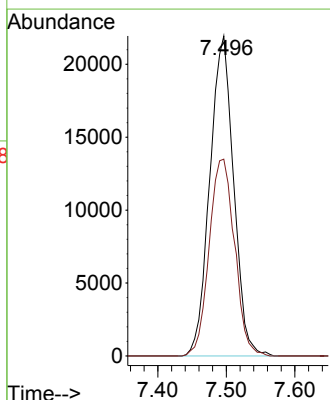
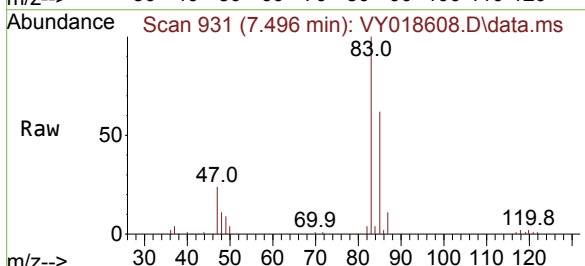
Acq: 17 Jun 2024 14:25

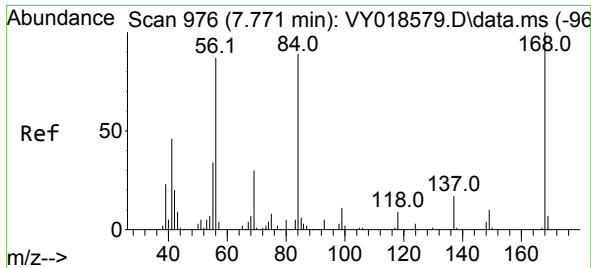
Tgt Ion: 83 Resp: 52927

Ion Ratio Lower Upper

83 100

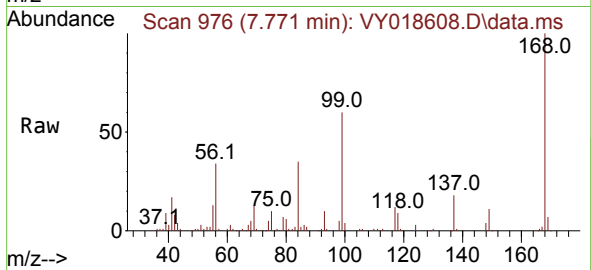
85 61.5 52.2 78.4



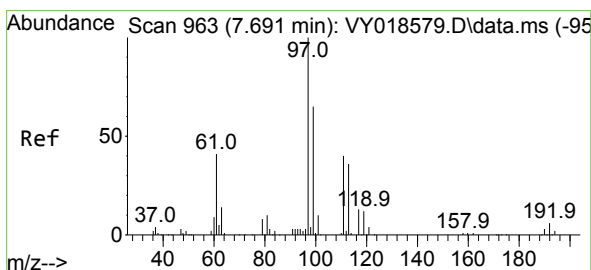
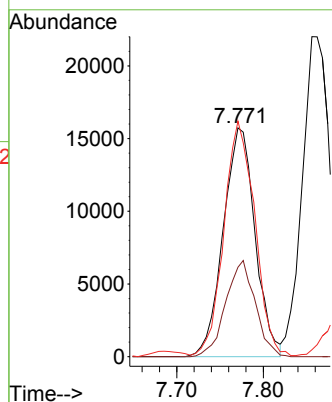
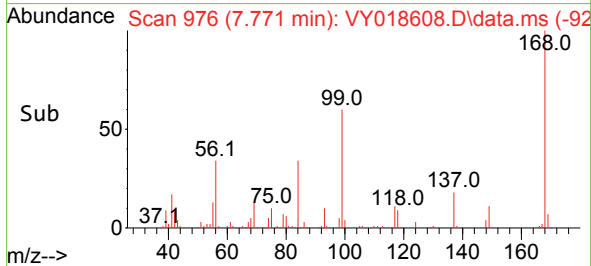


#31
Cyclohexane
Concen: 21.500 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Instrument :
MSVOA_Y
ClientSampleId :

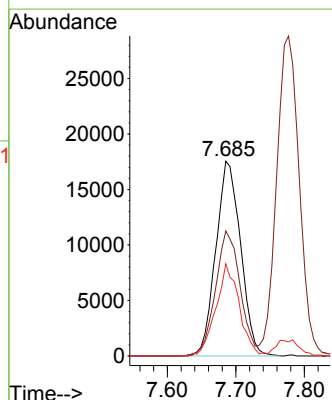
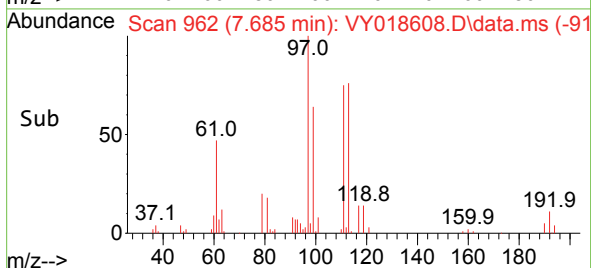
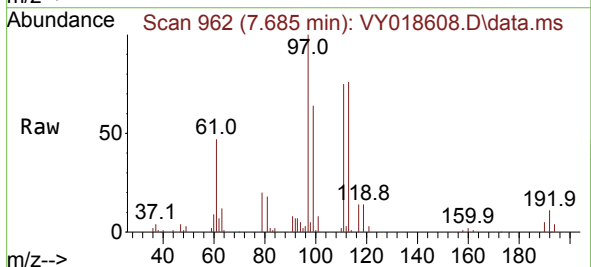


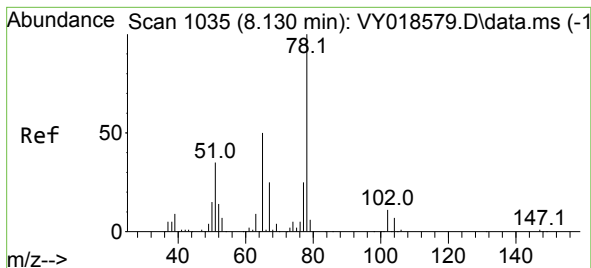
Tgt Ion: 56 Resp: 40215
Ion Ratio Lower Upper
56 100
69 39.1 28.7 43.1
84 101.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.063 ug/l
RT: 7.685 min Scan# 962
Delta R.T. -0.006 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Tgt Ion: 97 Resp: 44050
Ion Ratio Lower Upper
97 100
99 63.5 50.3 75.5
61 44.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 56.616 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

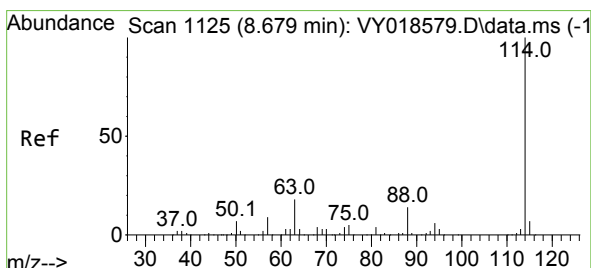
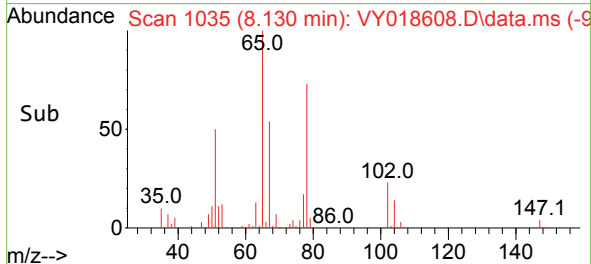
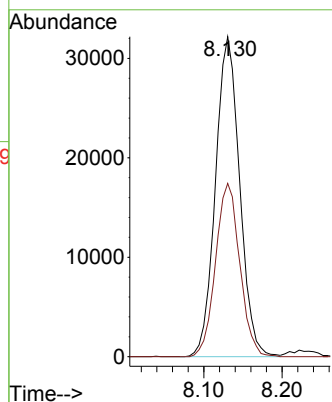
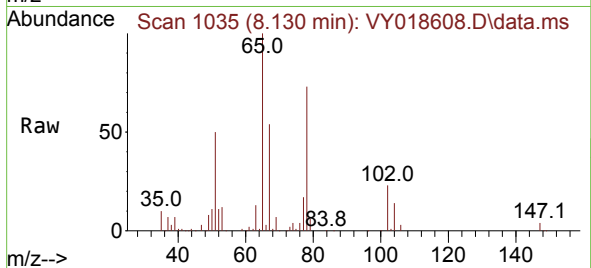
ClientSampleId :

Tgt Ion: 65 Resp: 69134

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

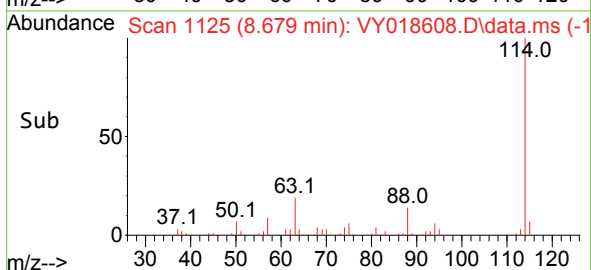
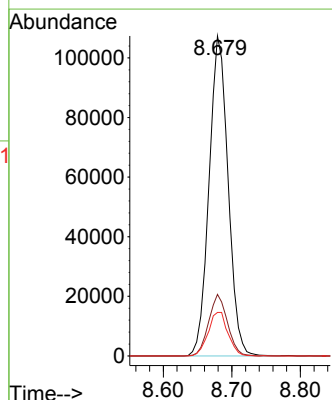
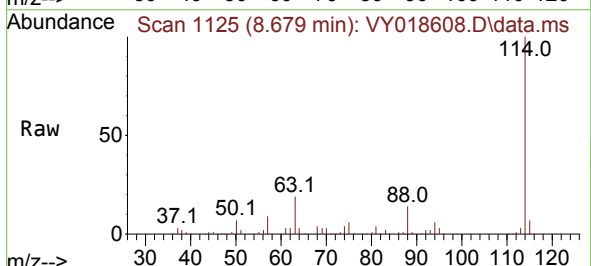
Tgt Ion: 114 Resp: 207473

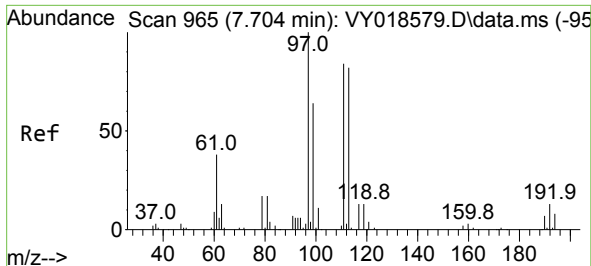
Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

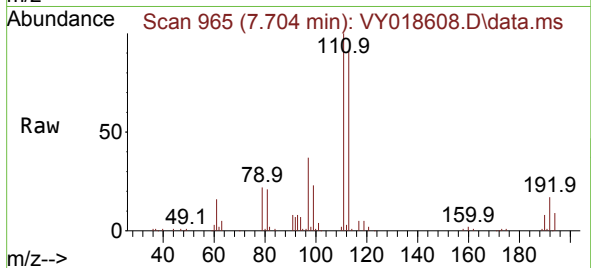
88 13.6 0.0 27.2



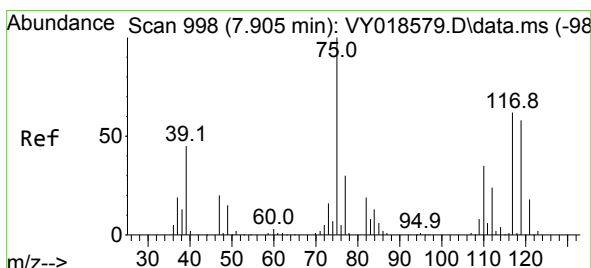
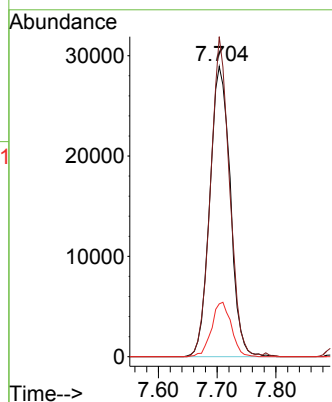
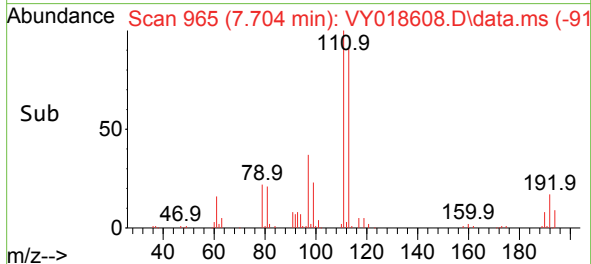


#35
Dibromofluoromethane
Concen: 55.309 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Instrument :
MSVOA_Y
ClientSampleId :

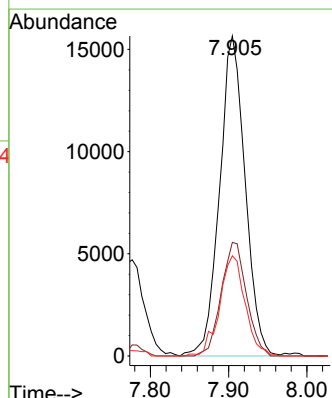
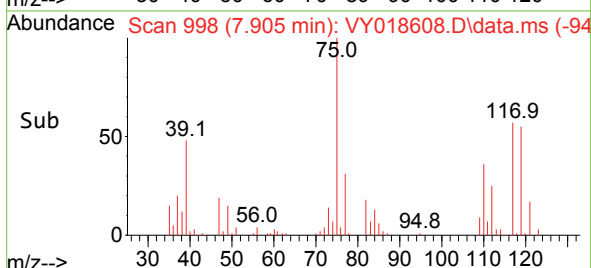
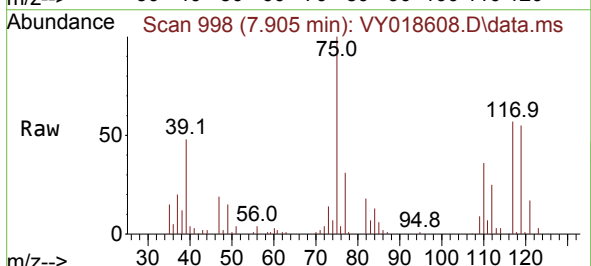


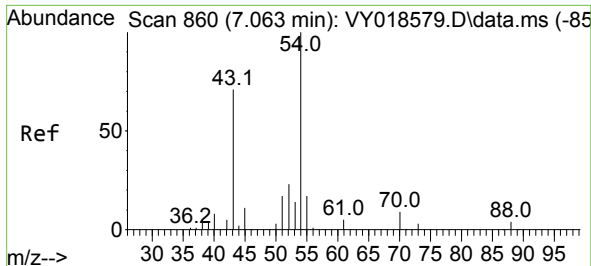
Tgt Ion:113 Resp: 70000
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 18.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 20.408 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

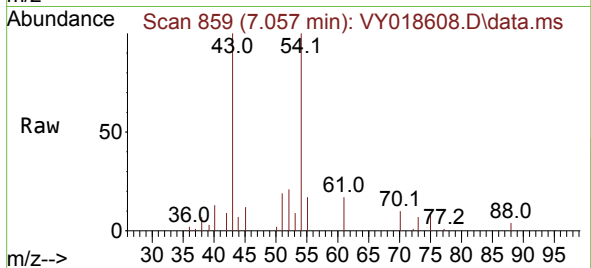
Tgt Ion: 75 Resp: 35552
Ion Ratio Lower Upper
75 100
110 35.2 19.0 57.0
77 31.1 25.3 37.9



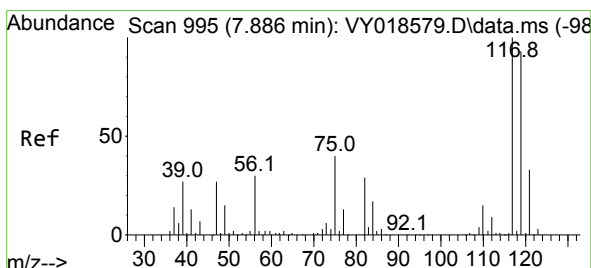
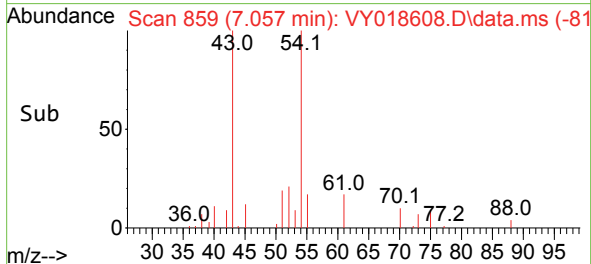
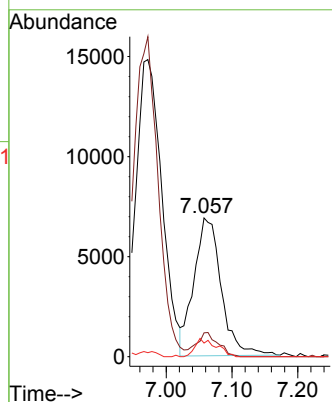


#37
Ethyl Acetate
Concen: 24.214 ug/l
RT: 7.057 min Scan# 81
Delta R.T. -0.006 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Instrument :
MSVOA_Y
ClientSampleId :

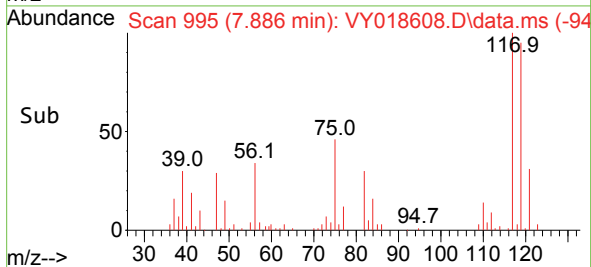
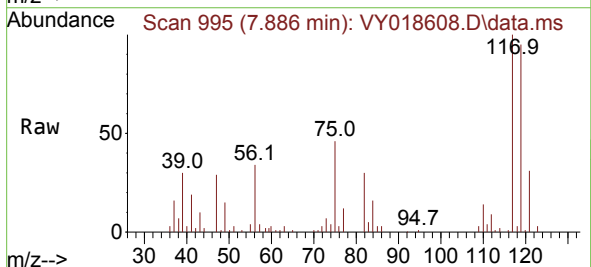
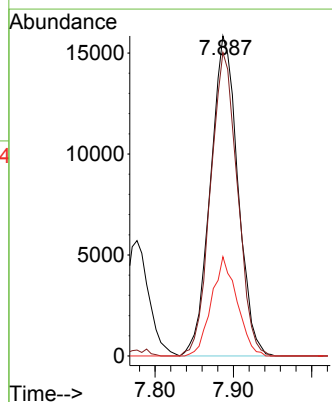


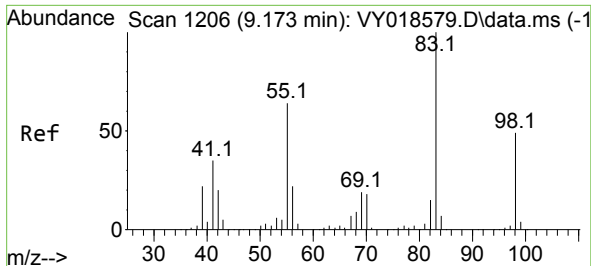
Tgt Ion:	43	Resp:	19885
Ion	Ratio	Lower	Upper
43	100		
61	14.2	12.6	19.0
70	10.1	7.8	11.8



#38
Carbon Tetrachloride
Concen: 21.115 ug/l
RT: 7.886 min Scan# 995
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Tgt Ion:	117	Resp:	38592
Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.8	113.6
121	31.0	24.0	36.0





#39

Methylcyclohexane

Concen: 21.064 ug/l

RT: 9.173 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

ClientSampleId :

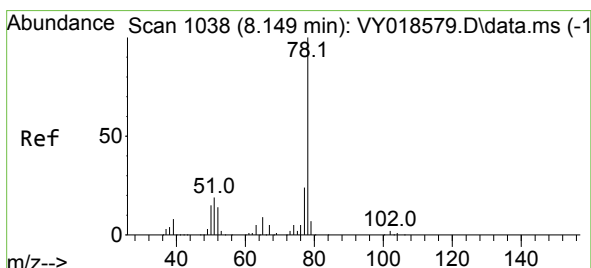
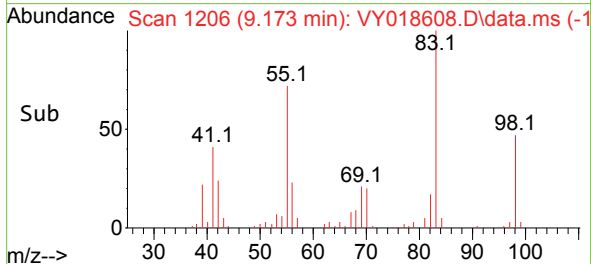
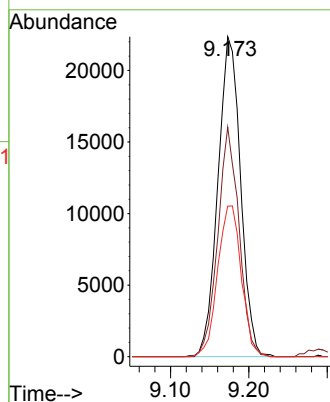
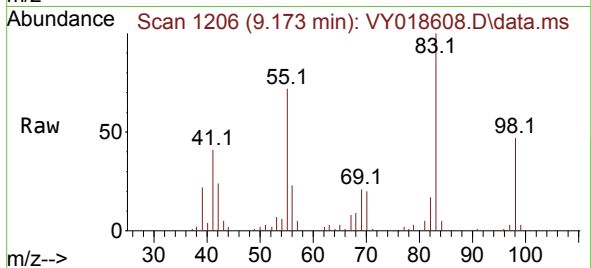
Tgt Ion: 83 Resp: 44963

Ion Ratio Lower Upper

83 100

55 71.7 51.5 77.3

98 47.1 40.5 60.7



#40

Benzene

Concen: 20.986 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY018608.D

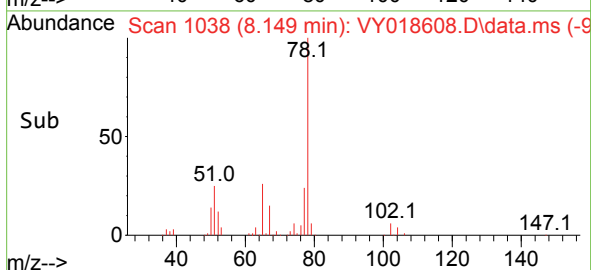
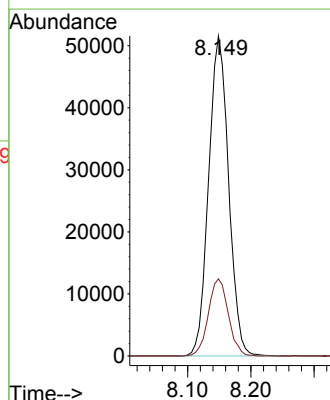
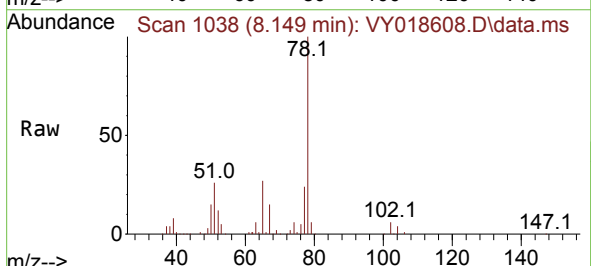
Acq: 17 Jun 2024 14:25

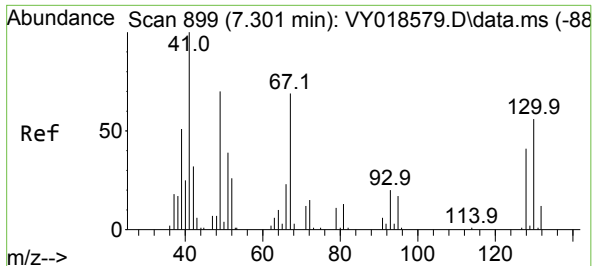
Tgt Ion: 78 Resp: 113064

Ion Ratio Lower Upper

78 100

77 24.1 19.5 29.3

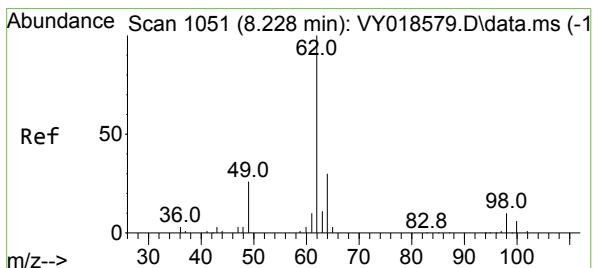
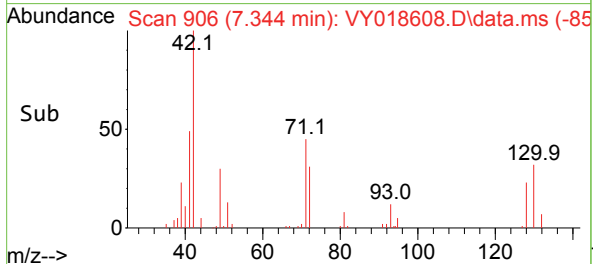
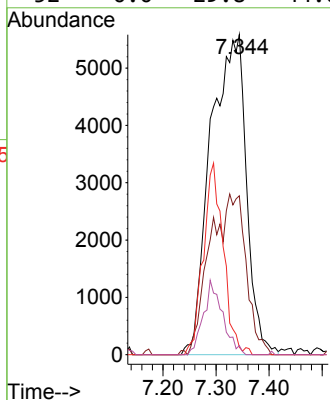
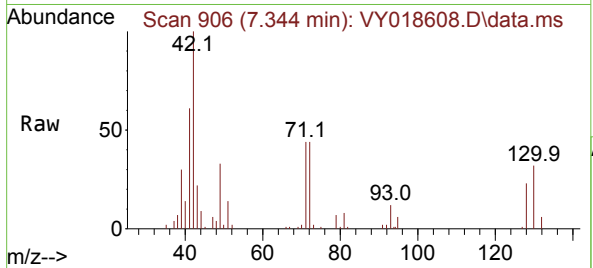




#41
Methacrylonitrile
Concen: 63.029 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.043 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

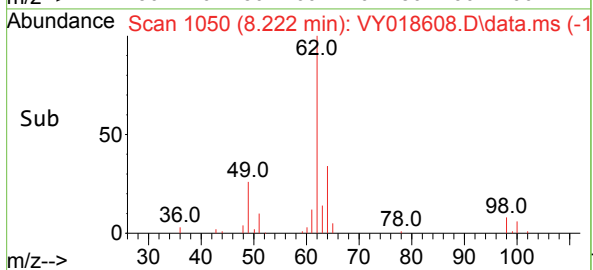
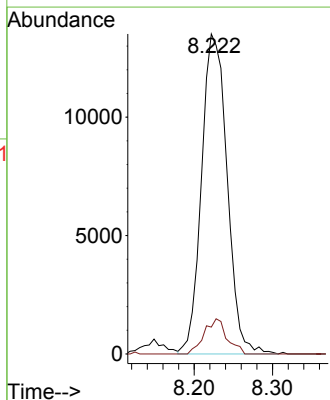
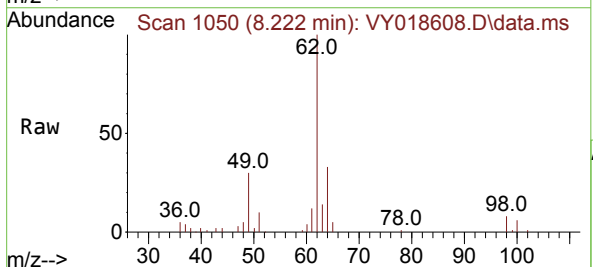
Instrument :
MSVOA_Y
ClientSampleId :

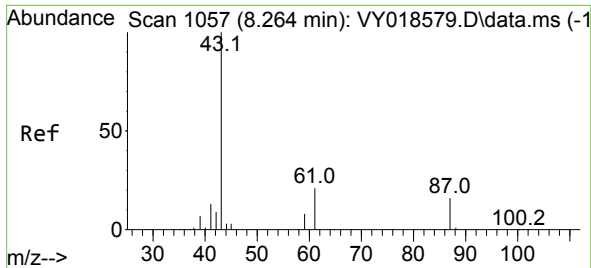
Tgt Ion: 41 Resp: 26033
Ion Ratio Lower Upper
41 100
39 28.4 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 21.822 ug/l
RT: 8.222 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Tgt Ion: 62 Resp: 30672
Ion Ratio Lower Upper
62 100
98 9.7 0.0 22.0

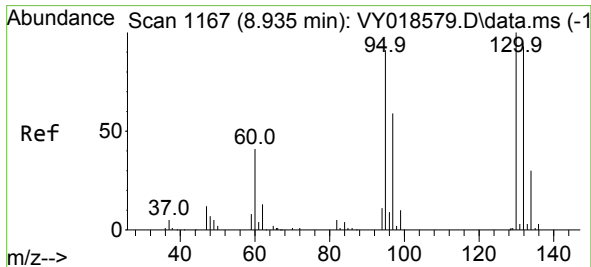
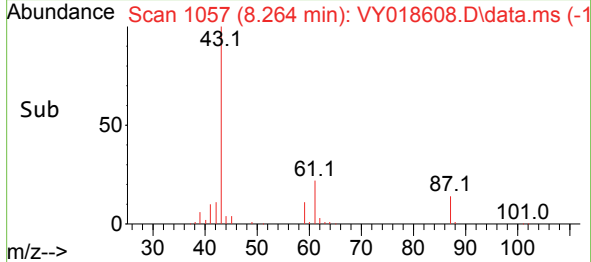
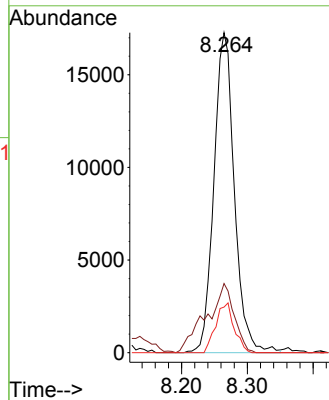
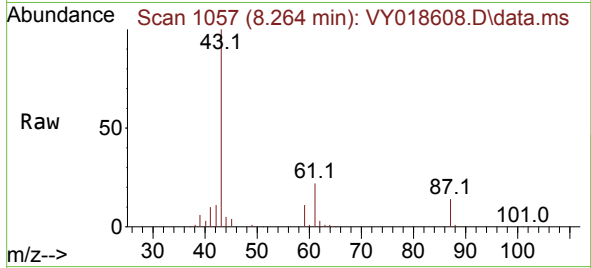




#43
Isopropyl Acetate
Concen: 24.383 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

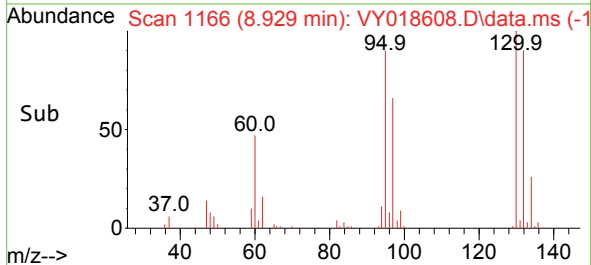
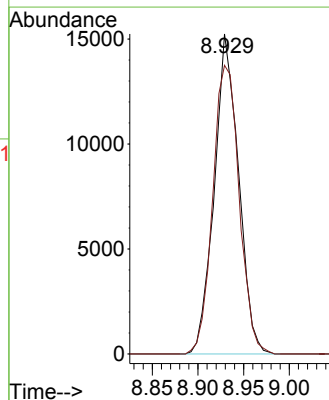
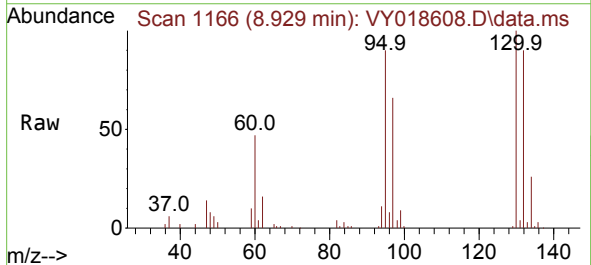
Instrument :
MSVOA_Y
ClientSampleId :

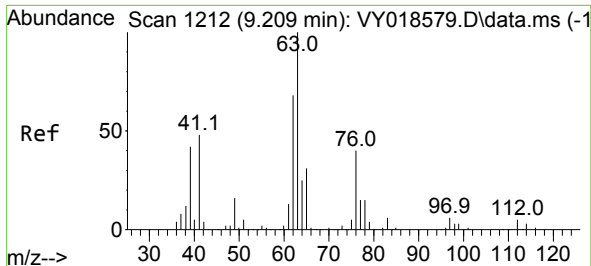
Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.5	27.9	41.9
87	13.9	13.1	19.7



#44
Trichloroethene
Concen: 19.974 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	188.0





#45

1,2-Dichloropropane

Concen: 22.490 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

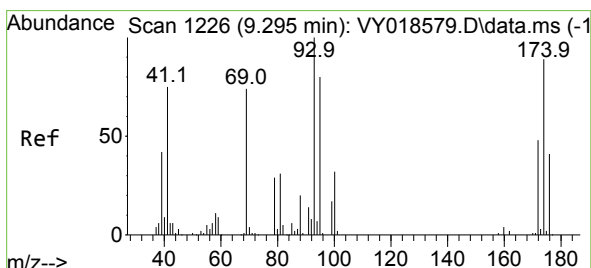
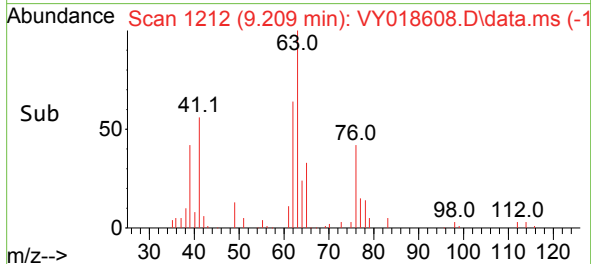
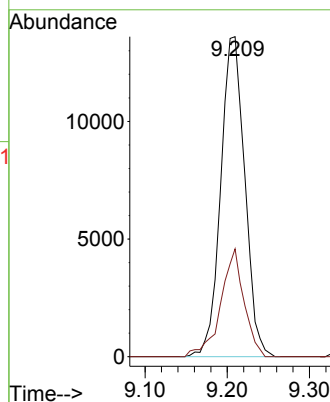
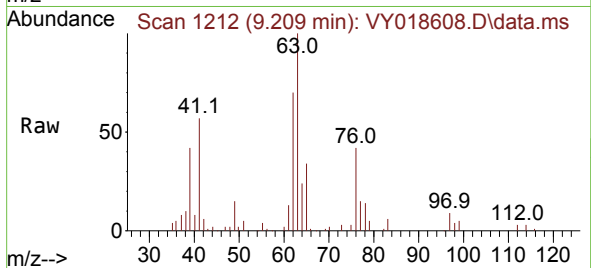
ClientSampleId :

Tgt Ion: 63 Resp: 27706

Ion Ratio Lower Upper

63 100

65 33.7 25.4 38.2



#46

Dibromomethane

Concen: 20.365 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

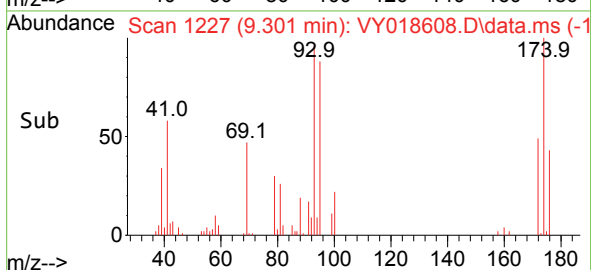
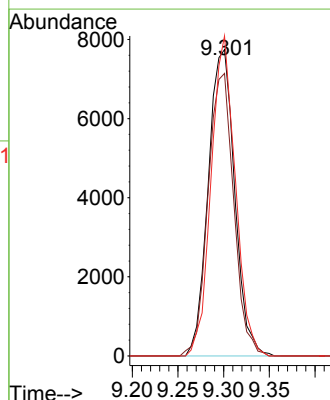
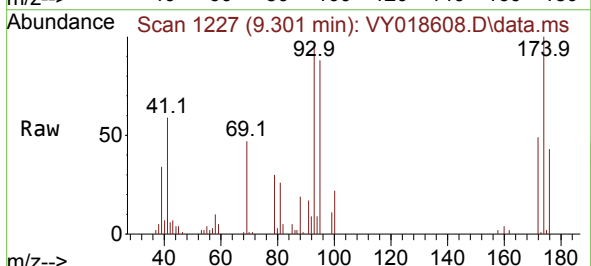
Tgt Ion: 93 Resp: 15567

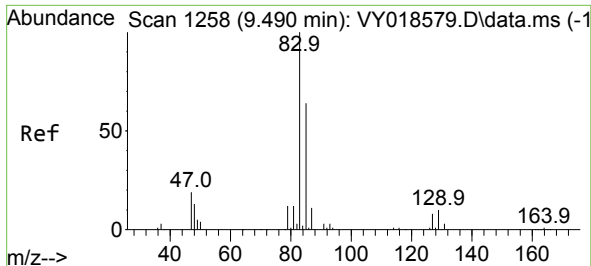
Ion Ratio Lower Upper

93 100

95 89.7 66.2 99.4

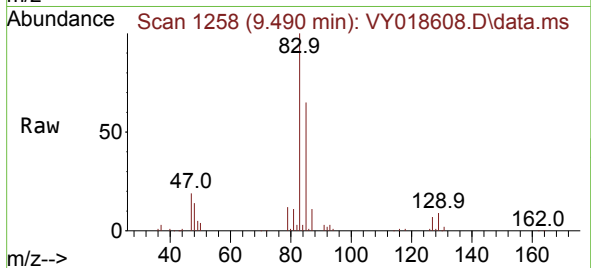
174 95.5 80.9 121.3



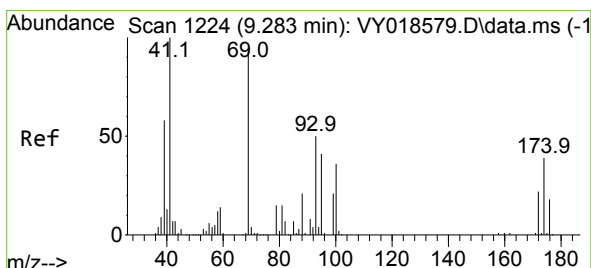
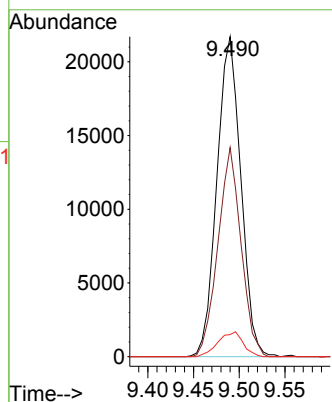
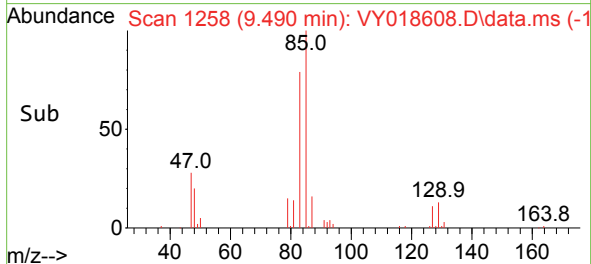


#47
Bromodichloromethane
Concen: 21.672 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Instrument :
MSVOA_Y
ClientSampleId :

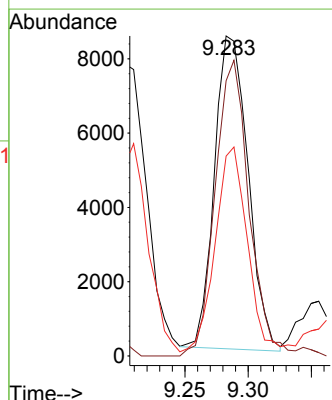
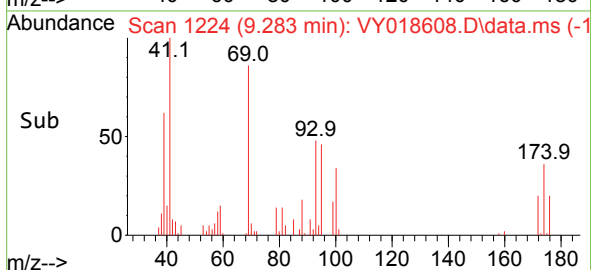
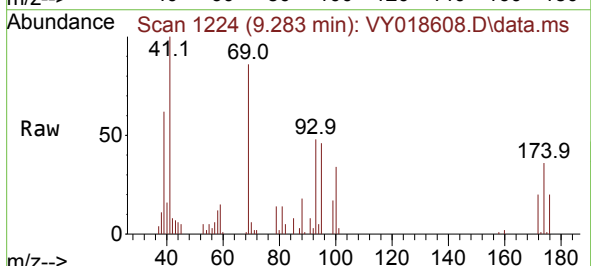


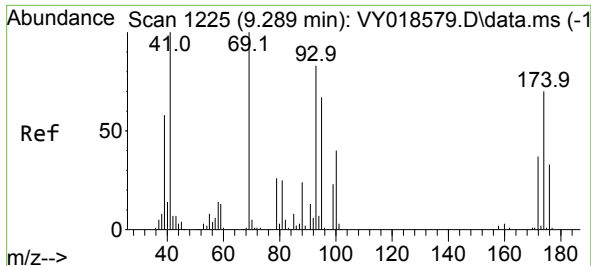
Tgt Ion: 83 Resp: 39539
Ion Ratio Lower Upper
83 100
85 65.4 50.1 75.1
127 6.9 7.4 11.0#



#48
Methyl methacrylate
Concen: 22.528 ug/l
RT: 9.283 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Tgt Ion: 41 Resp: 15545
Ion Ratio Lower Upper
41 100
69 95.2 84.1 126.1
39 62.6 43.6 65.4





#49

1,4-Dioxane

Concen: 405.340 ug/l

RT: 9.289 min Scan# 11

Delta R.T. 0.000 min

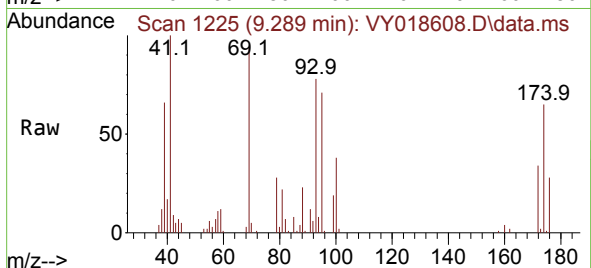
Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

ClientSampleId :



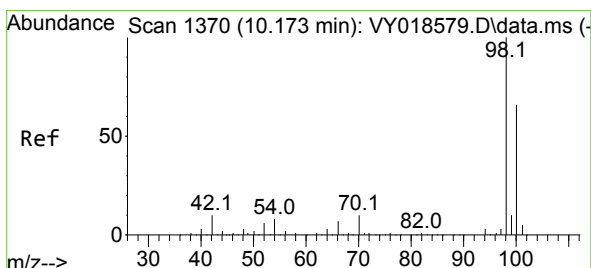
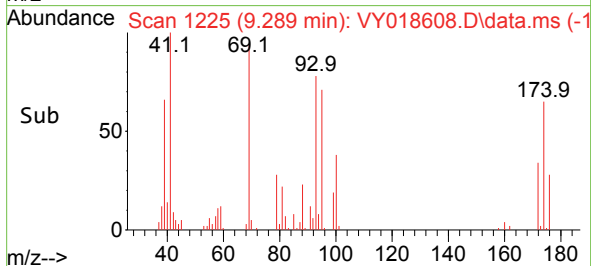
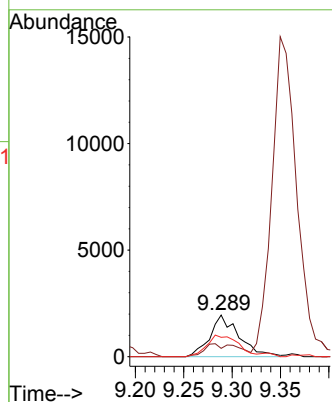
Tgt Ion: 88 Resp: 4075

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 55.1 49.3 73.9



#50

Toluene-d8

Concen: 55.965 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018608.D

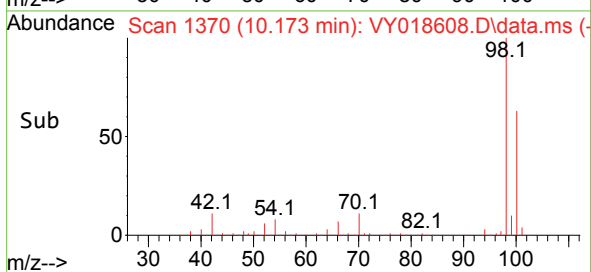
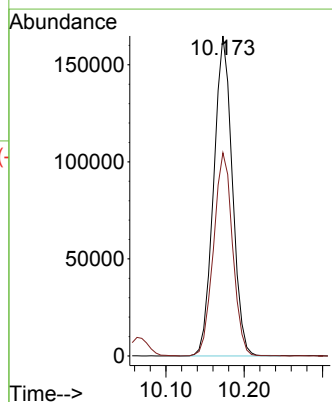
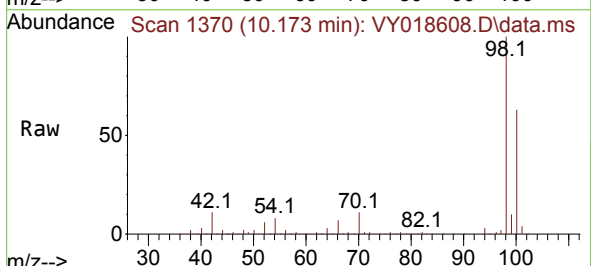
Acq: 17 Jun 2024 14:25

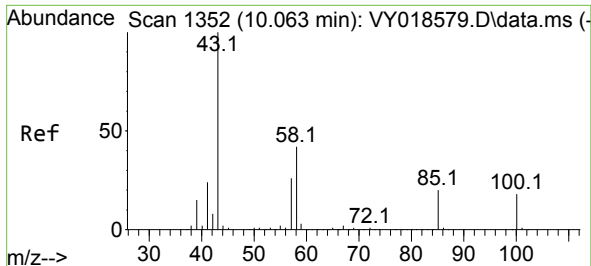
Tgt Ion: 98 Resp: 272391

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 123.966 ug/l

RT: 10.063 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

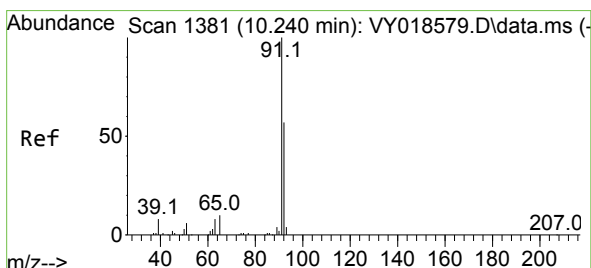
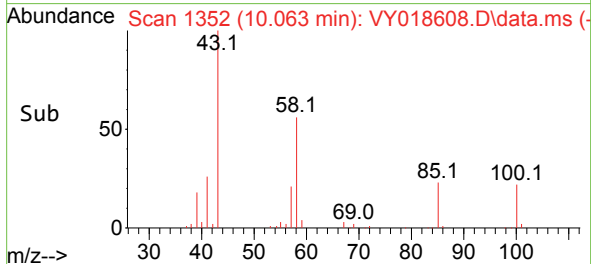
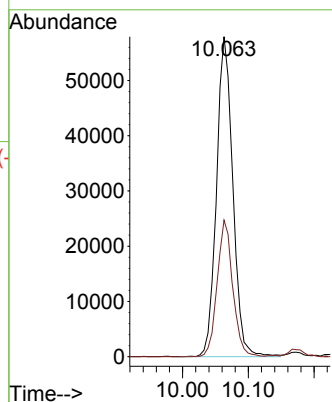
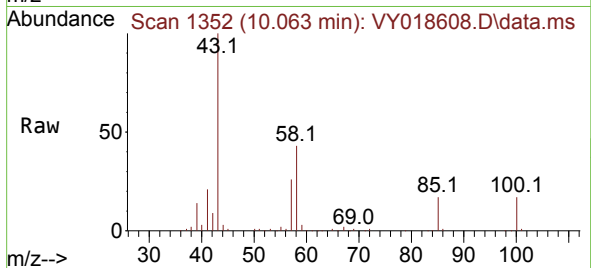
ClientSampleId :

Tgt Ion: 43 Resp: 100087

Ion Ratio Lower Upper

43 100

58 40.8 35.7 53.5



#52

Toluene

Concen: 20.589 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY018608.D

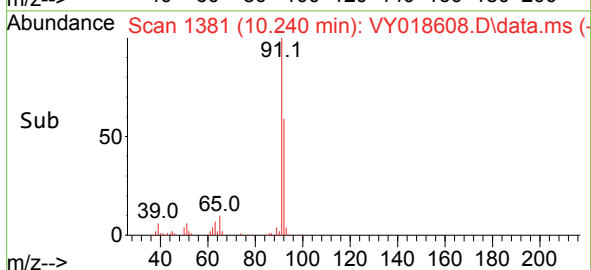
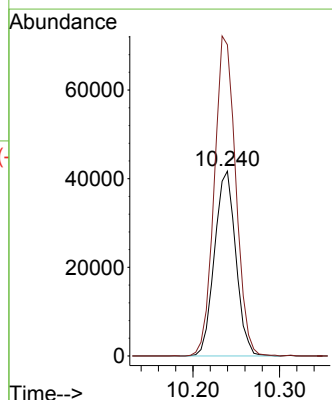
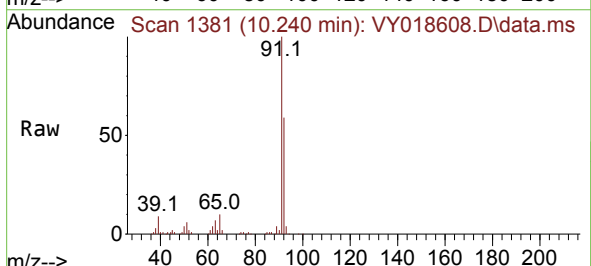
Acq: 17 Jun 2024 14:25

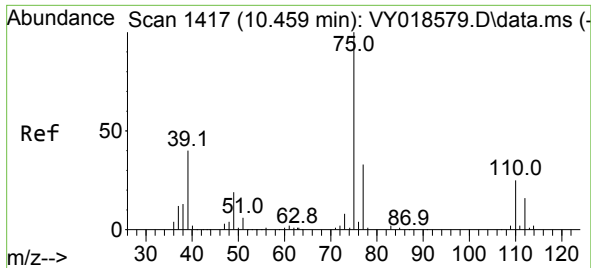
Tgt Ion: 92 Resp: 71221

Ion Ratio Lower Upper

92 100

91 174.4 139.0 208.6

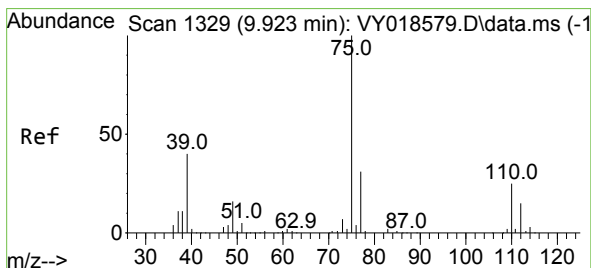
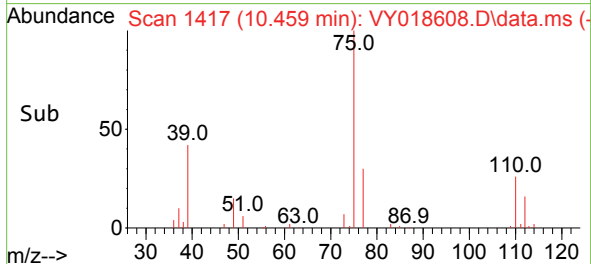
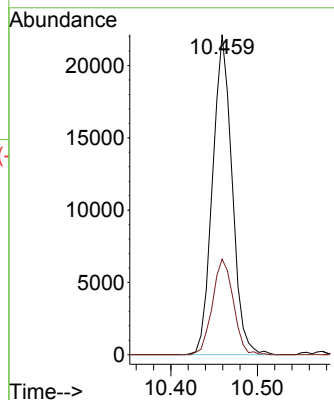
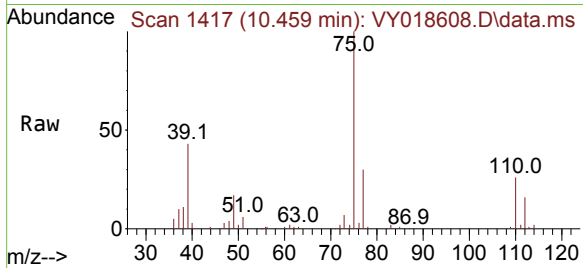




#53
 t-1,3-Dichloropropene
 Concen: 21.755 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018608.D
 Acq: 17 Jun 2024 14:25

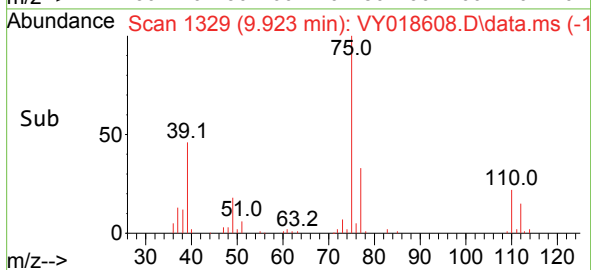
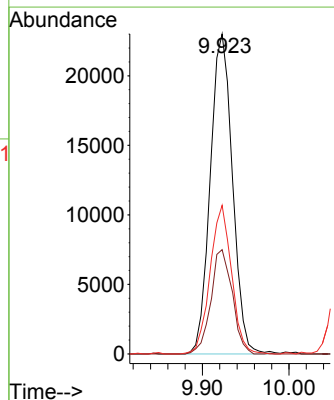
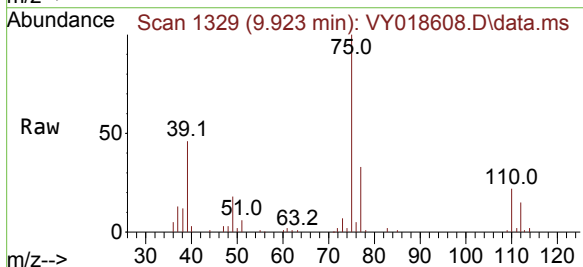
Instrument :
 MSVOA_Y
 ClientSampleId :

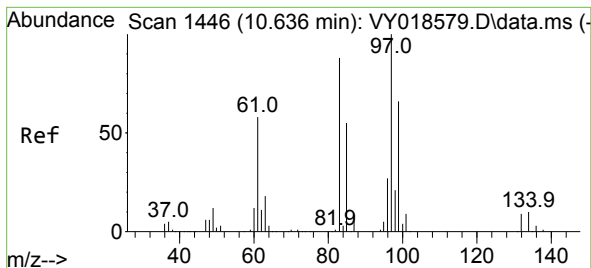
Tgt Ion: 75 Resp: 34685
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 21.313 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY018608.D
 Acq: 17 Jun 2024 14:25

Tgt Ion: 75 Resp: 41006
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.0
 39 46.5 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 22.150 ug/l

RT: 10.636 min Scan# 1446

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 22520

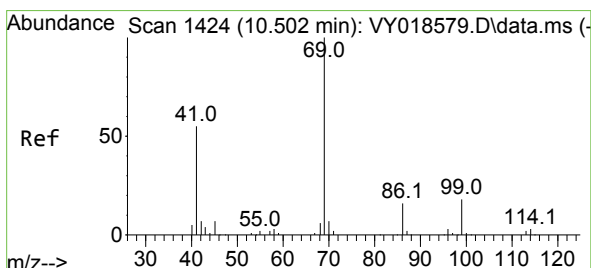
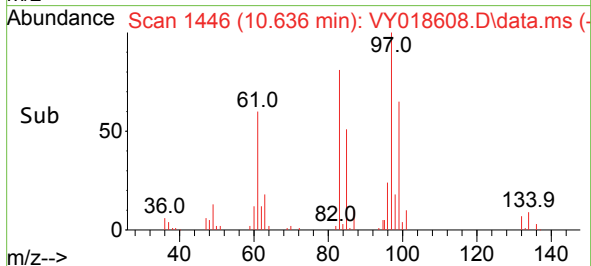
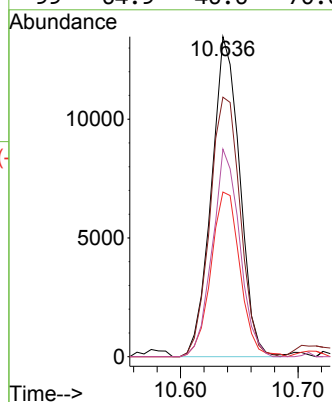
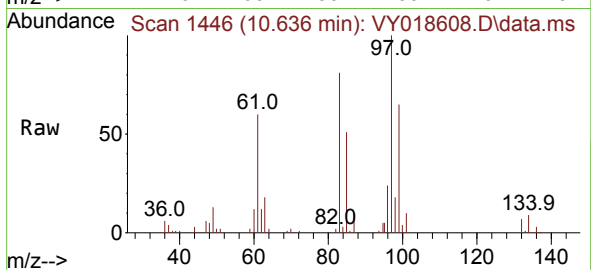
Ion Ratio Lower Upper

97 100

83 81.1 67.5 101.3

85 51.5 42.9 64.3

99 64.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 22.522 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

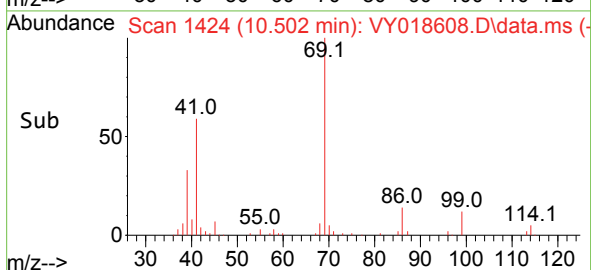
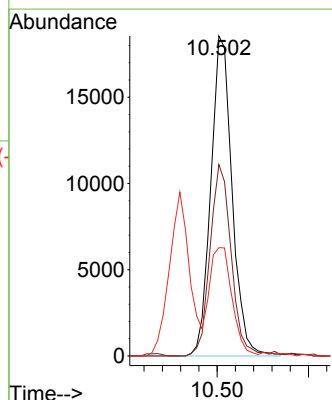
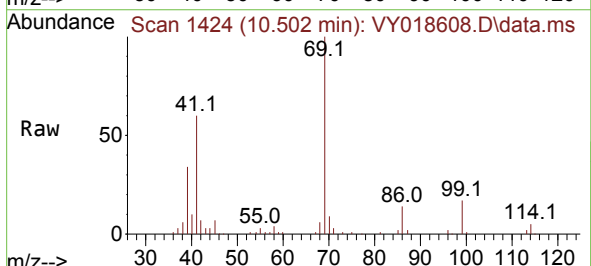
Tgt Ion: 69 Resp: 29964

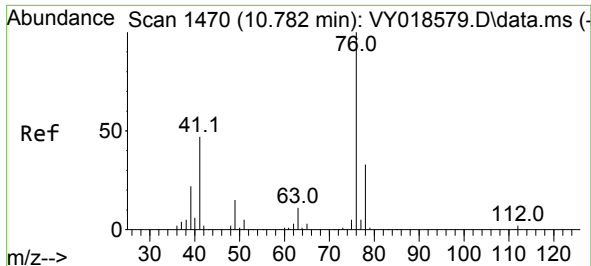
Ion Ratio Lower Upper

69 100

41 60.1 42.3 63.5

39 35.2 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 22.443 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

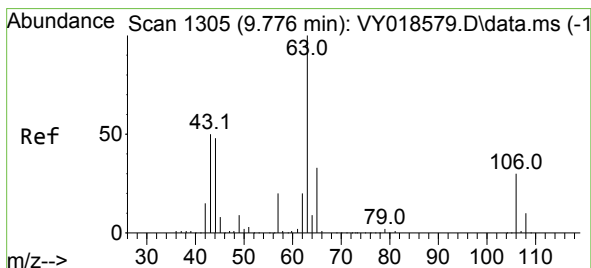
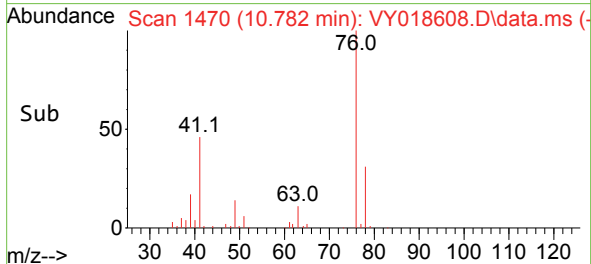
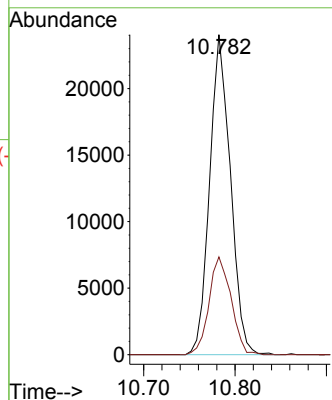
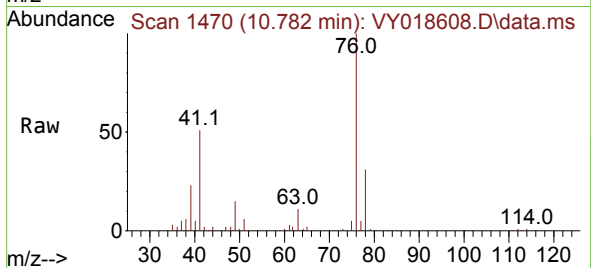
ClientSampleId :

Tgt Ion: 76 Resp: 37904

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 112.389 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY018608.D

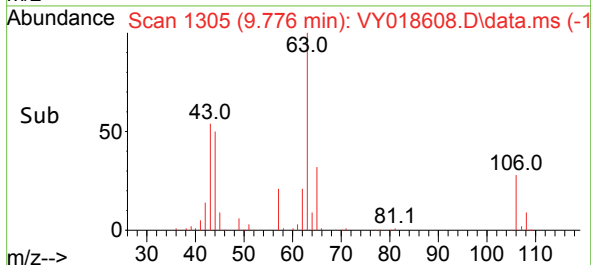
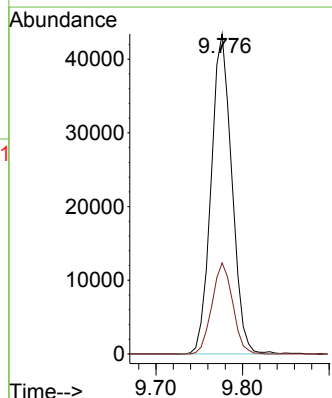
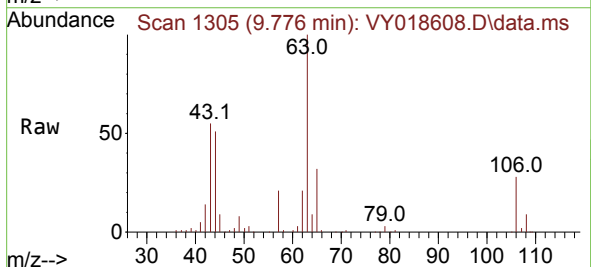
Acq: 17 Jun 2024 14:25

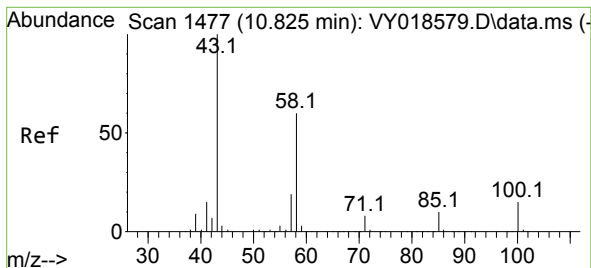
Tgt Ion: 63 Resp: 72185

Ion Ratio Lower Upper

63 100

106 28.3 23.7 35.5





#59

2-Hexanone

Concen: 118.924 ug/l

RT: 10.825 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

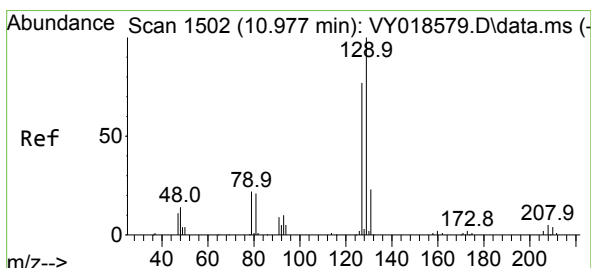
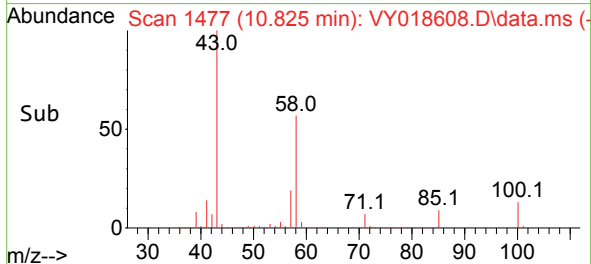
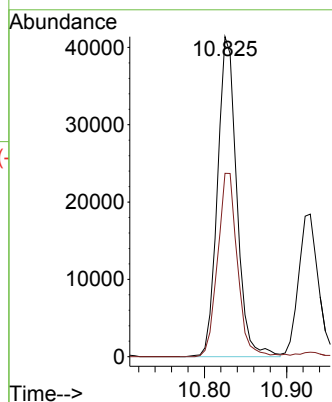
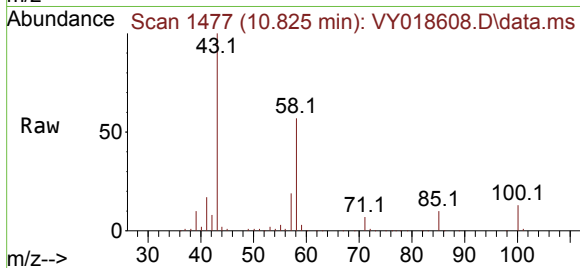
ClientSampleId :

Tgt Ion: 43 Resp: 67256

Ion Ratio Lower Upper

43 100

58 59.0 31.4 94.0



#60

Dibromochloromethane

Concen: 21.913 ug/l

RT: 10.977 min Scan# 1502

Delta R.T. 0.000 min

Lab File: VY018608.D

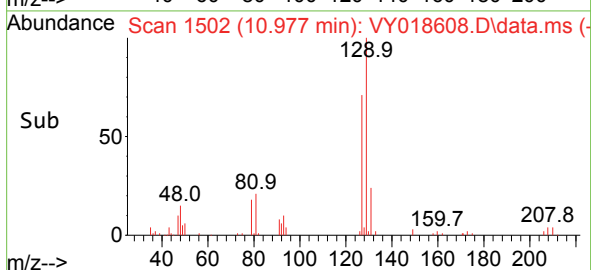
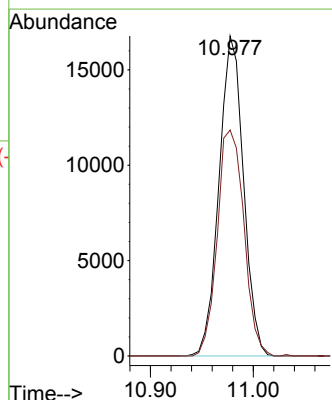
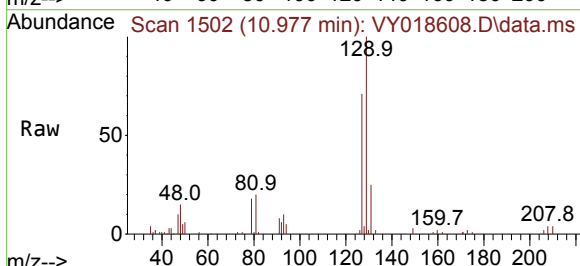
Acq: 17 Jun 2024 14:25

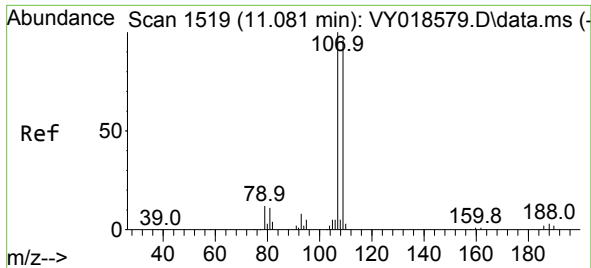
Tgt Ion:129 Resp: 27676

Ion Ratio Lower Upper

129 100

127 76.9 39.0 117.0

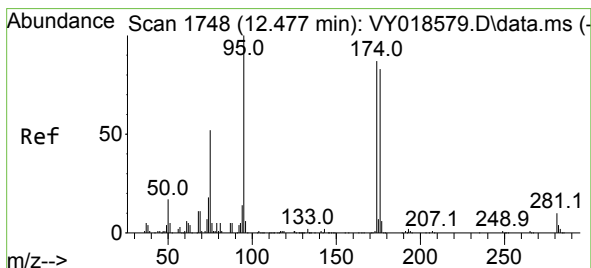
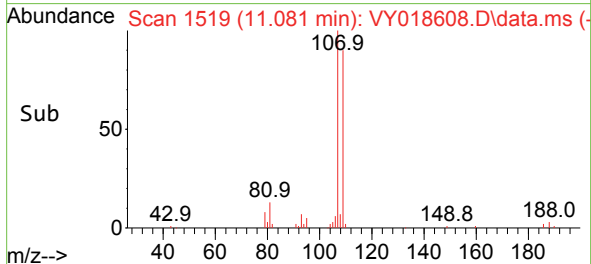
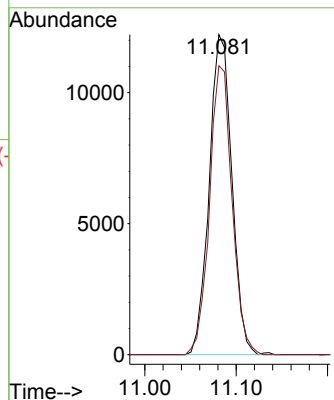
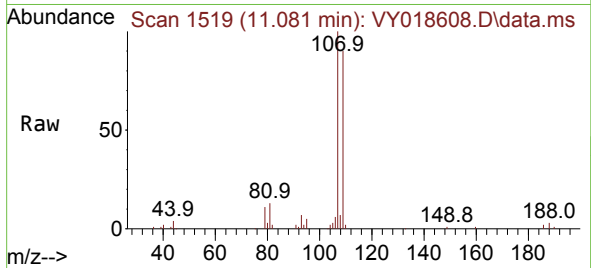




#61
1,2-Dibromoethane
Concen: 22.390 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

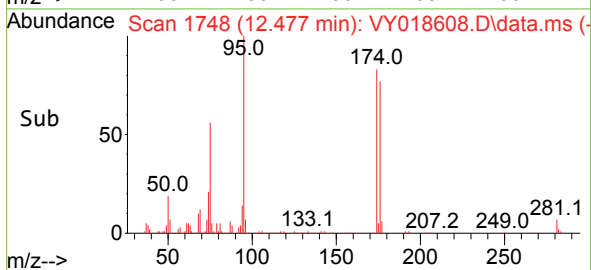
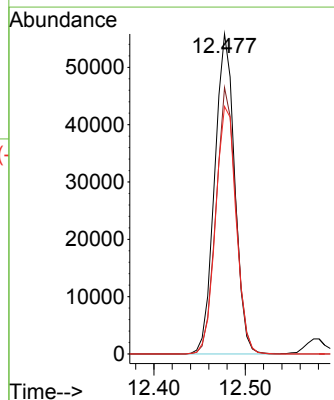
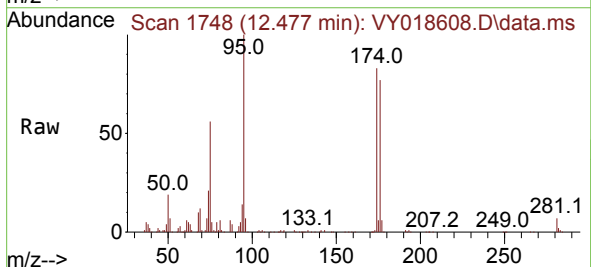
Instrument :
MSVOA_Y
ClientSampleId :

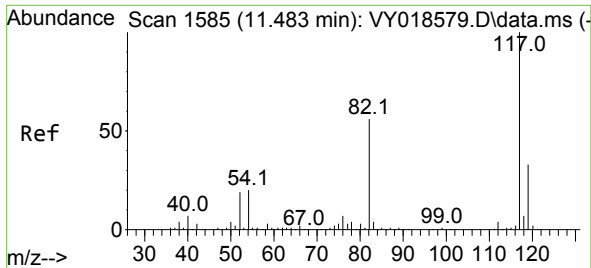
Tgt Ion:107 Resp: 21038
Ion Ratio Lower Upper
107 100
109 89.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 55.422 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Tgt Ion: 95 Resp: 85179
Ion Ratio Lower Upper
95 100
174 82.3 0.0 175.6
176 79.5 0.0 171.4

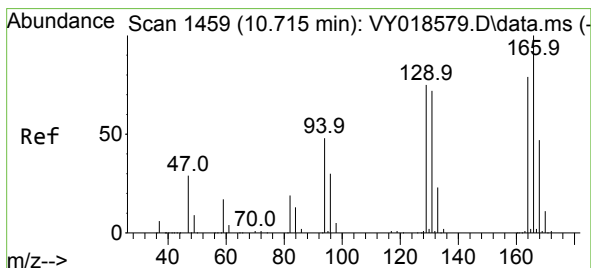
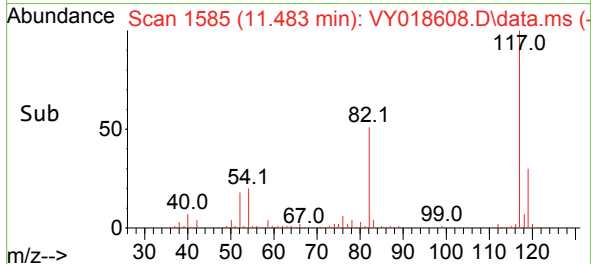
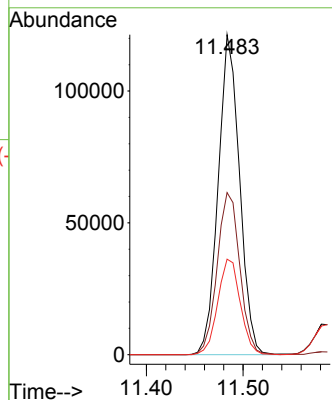
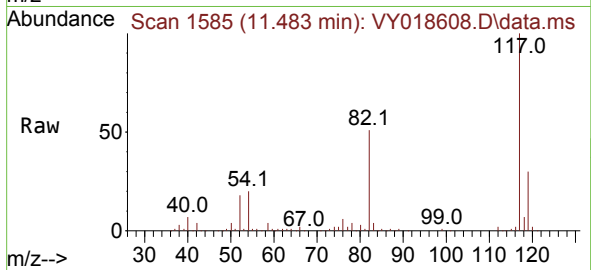




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

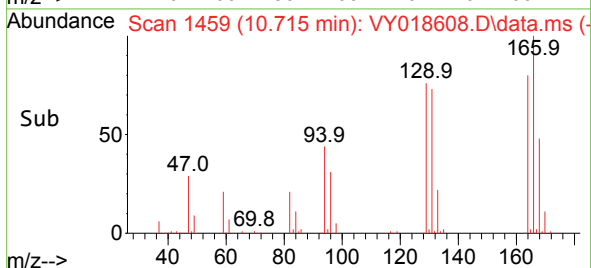
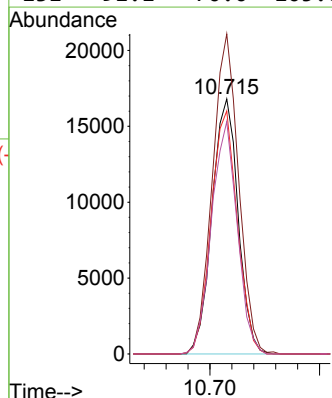
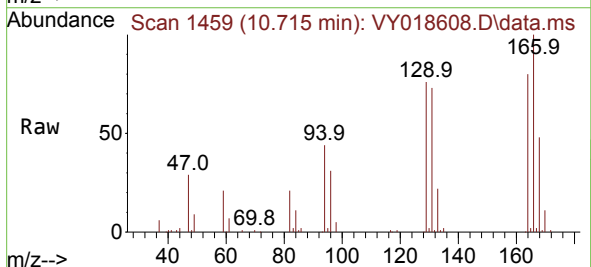
Instrument :
MSVOA_Y
ClientSampleId :

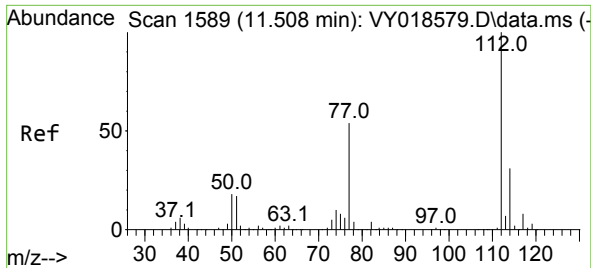
Tgt Ion:117 Resp: 185976
Ion Ratio Lower Upper
117 100
82 50.7 42.4 63.6
119 29.8 25.9 38.9



#64
Tetrachloroethene
Concen: 20.949 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Tgt Ion:164 Resp: 27788
Ion Ratio Lower Upper
164 100
166 125.5 102.6 154.0
129 95.3 72.0 108.0
131 91.1 70.0 105.0

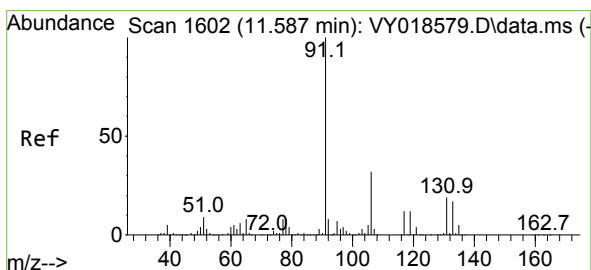
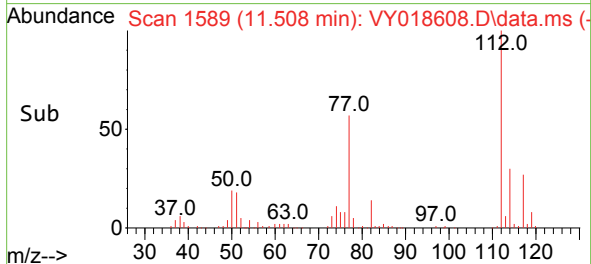
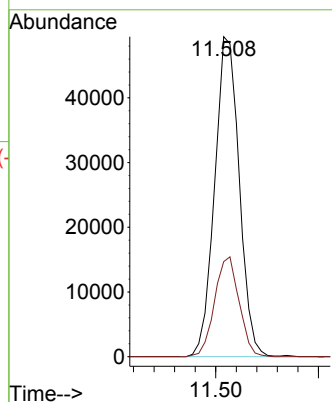
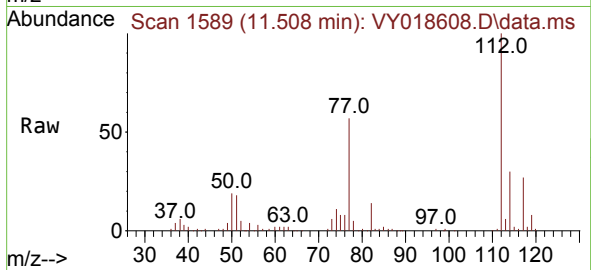




#65
Chlorobenzene
Concen: 21.344 ug/l
RT: 11.508 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

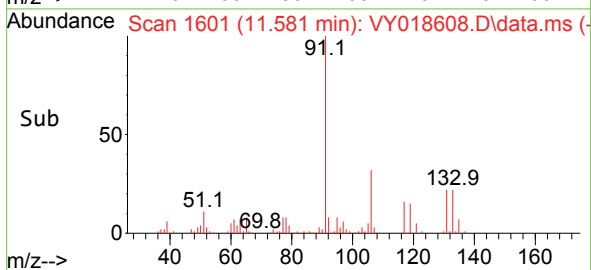
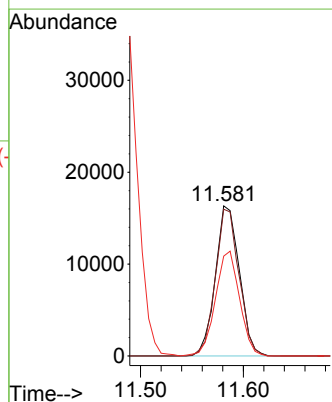
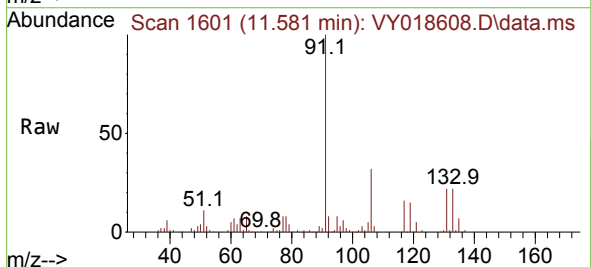
Instrument :
MSVOA_Y
ClientSampleId :

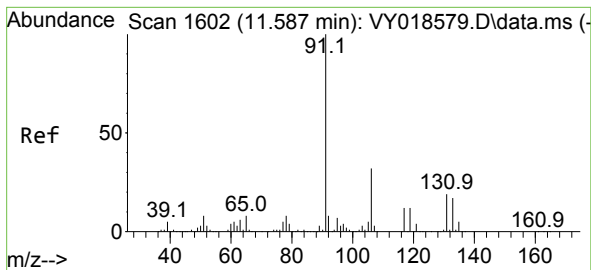
Tgt Ion:112 Resp: 81999
Ion Ratio Lower Upper
112 100
114 29.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.502 ug/l
RT: 11.581 min Scan# 1601
Delta R.T. -0.006 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Tgt Ion:131 Resp: 26396
Ion Ratio Lower Upper
131 100
133 96.5 47.8 143.3
119 70.4 34.1 102.2

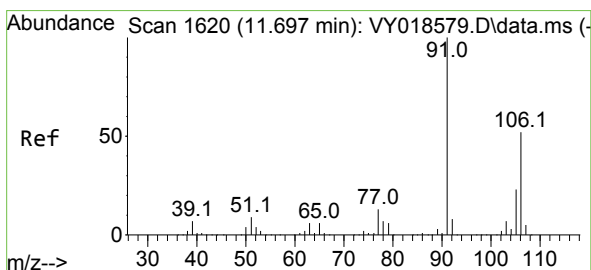
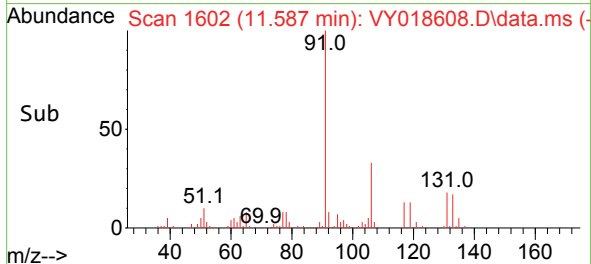
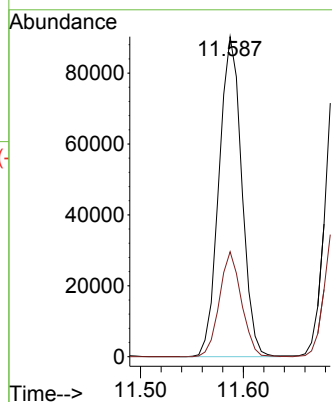
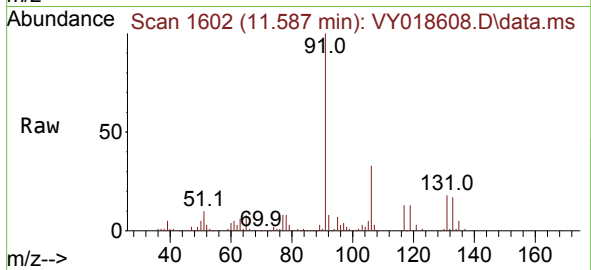




#67
Ethyl Benzene
Concen: 20.806 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

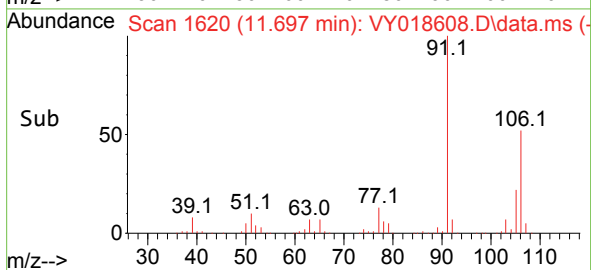
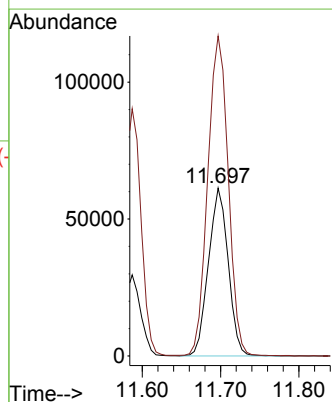
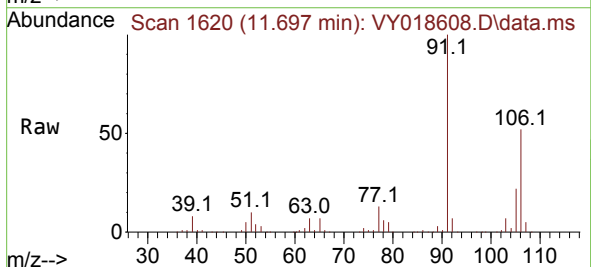
Instrument :
MSVOA_Y
ClientSampleId :

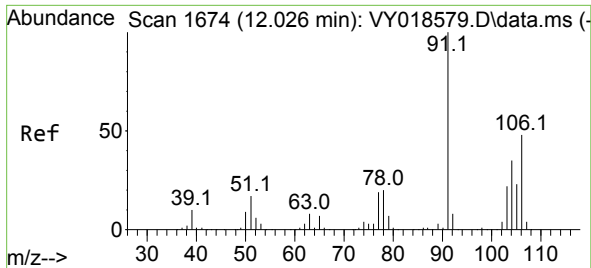
Tgt Ion: 91 Resp: 138696
Ion Ratio Lower Upper
91 100
106 32.8 24.5 36.7



#68
m/p-Xylenes
Concen: 41.303 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Tgt Ion:106 Resp: 107137
Ion Ratio Lower Upper
106 100
91 197.6 156.0 234.0

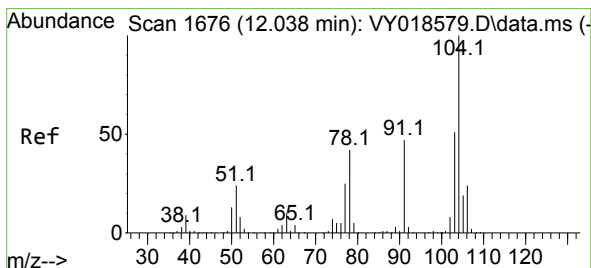
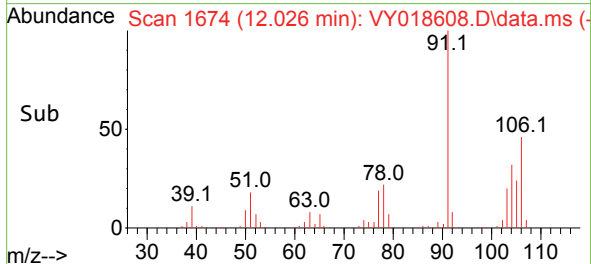
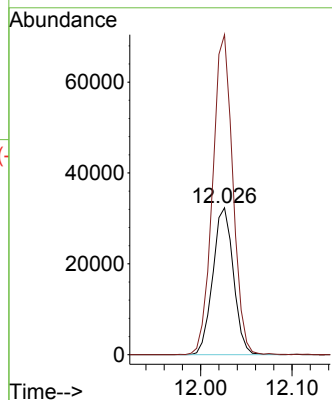
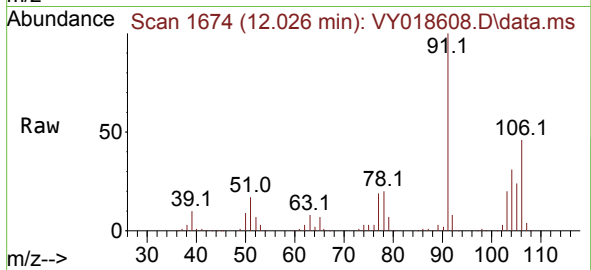




#69
o-Xylene
Concen: 20.289 ug/l
RT: 12.026 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

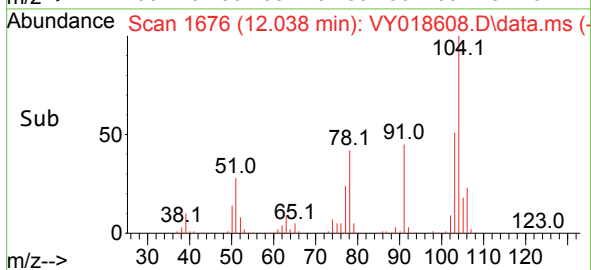
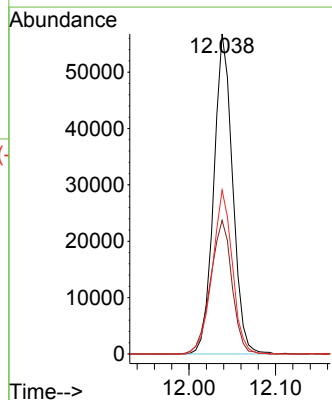
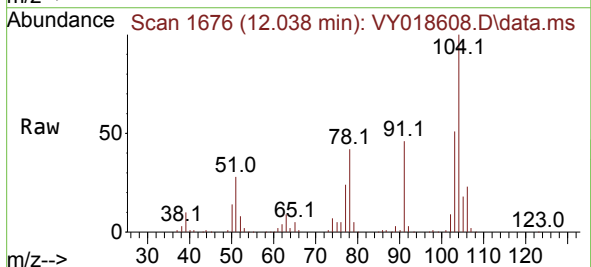
Instrument :
MSVOA_Y
ClientSampleId :

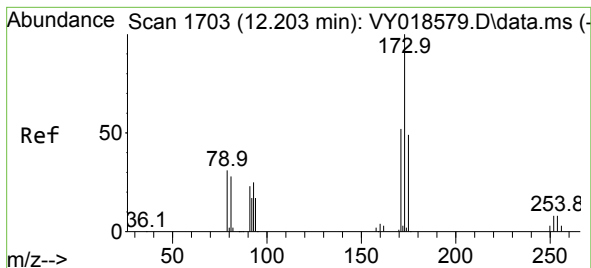
Tgt Ion:106 Resp: 50609
Ion Ratio Lower Upper
106 100
91 213.7 103.6 310.8



#70
Styrene
Concen: 20.865 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Tgt Ion:104 Resp: 85982
Ion Ratio Lower Upper
104 100
78 47.6 37.0 55.4
103 54.4 44.2 66.2





#71

Bromoform

Concen: 20.772 ug/l

RT: 12.203 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

ClientSampleId :

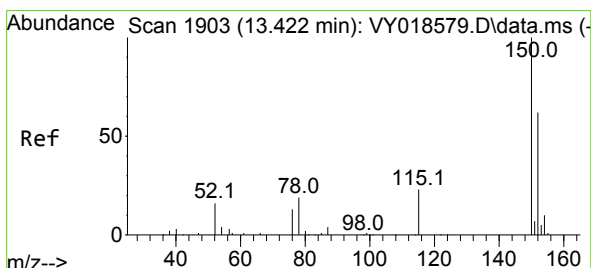
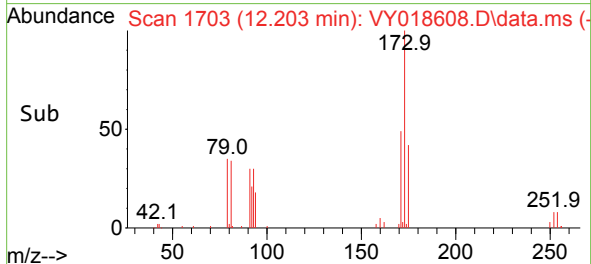
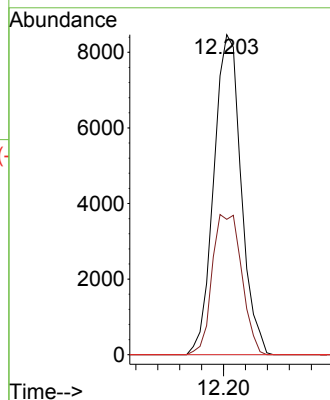
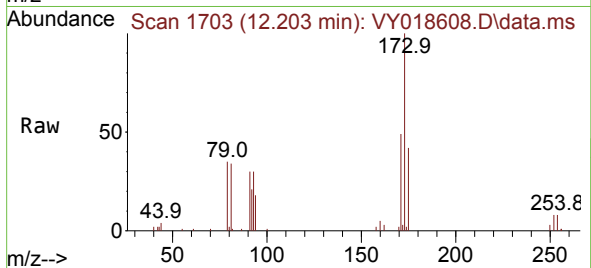
Tgt Ion:173 Resp: 14674

Ion Ratio Lower Upper

173 100

175 47.2 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

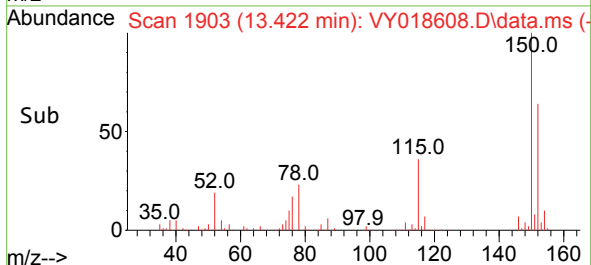
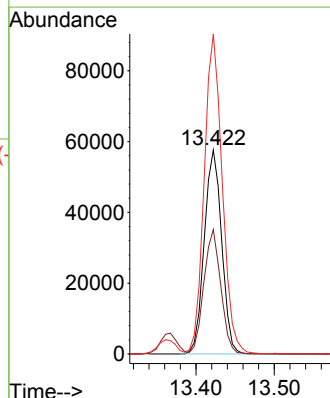
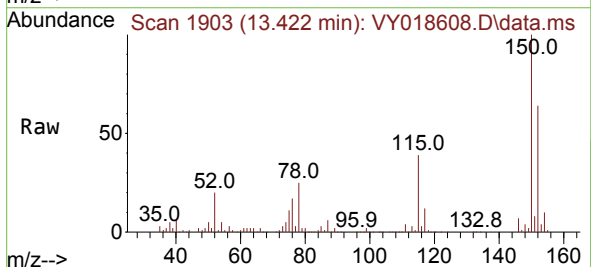
Tgt Ion:152 Resp: 88856

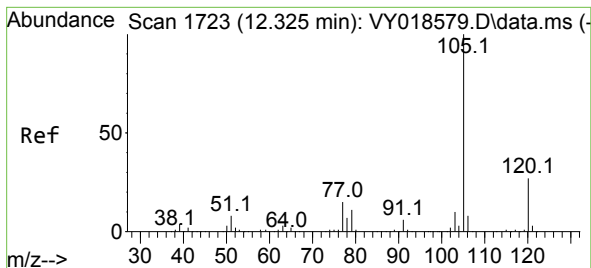
Ion Ratio Lower Upper

152 100

115 59.2 28.2 84.7

150 162.5 0.0 345.6





#73

Isopropylbenzene

Concen: 20.754 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

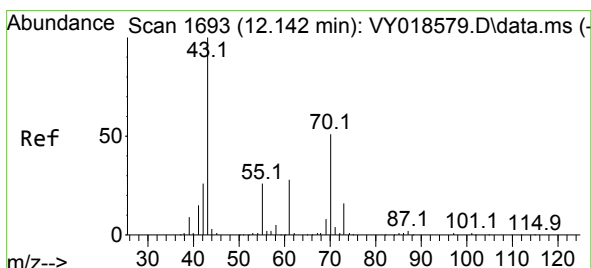
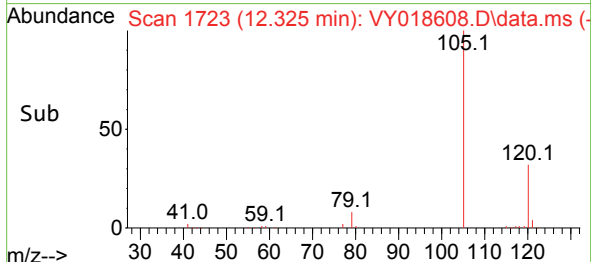
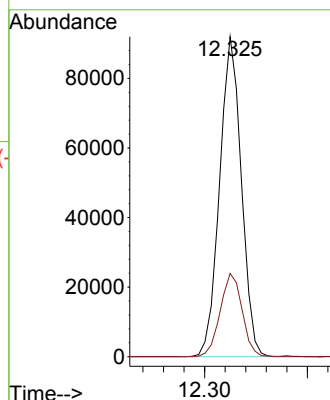
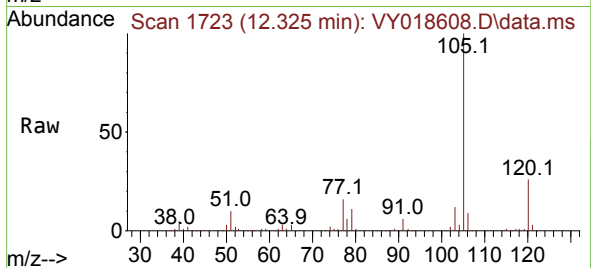
ClientSampleId :

Tgt Ion:105 Resp: 134663

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.1



#74

N-ethyl acetate

Concen: 24.441 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Tgt Ion: 43 Resp: 32474

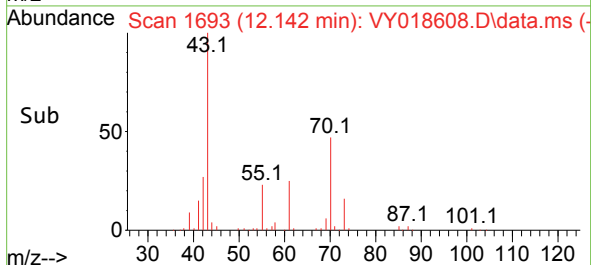
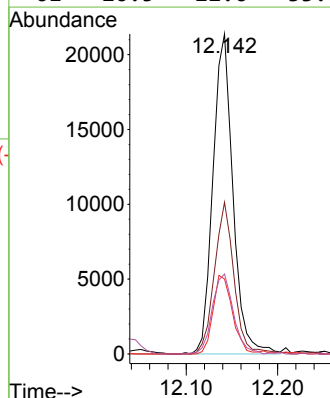
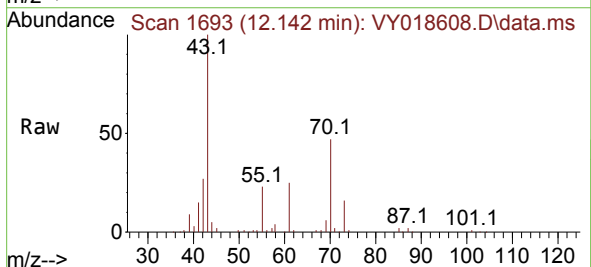
Ion Ratio Lower Upper

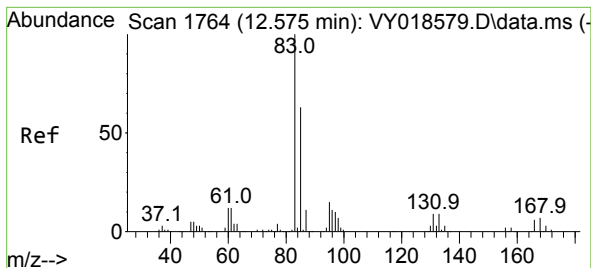
43 100

70 46.6 41.4 62.2

55 24.3 23.3 34.9

61 26.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.454 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

ClientSampleId :

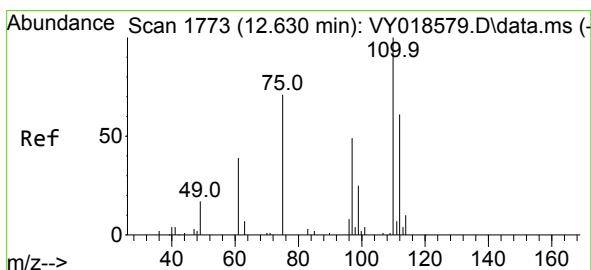
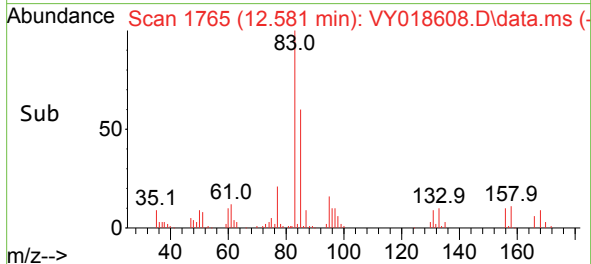
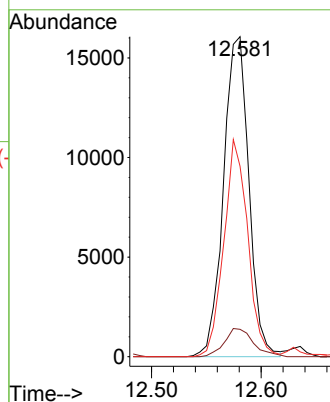
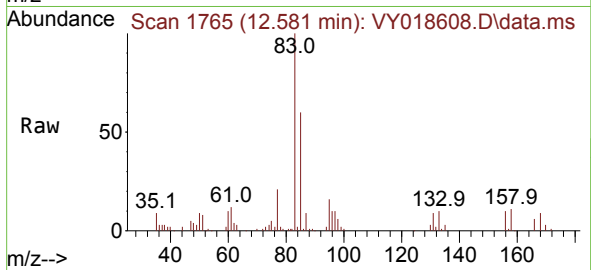
Tgt Ion: 83 Resp: 25869

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 64.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 38.289 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY018608.D

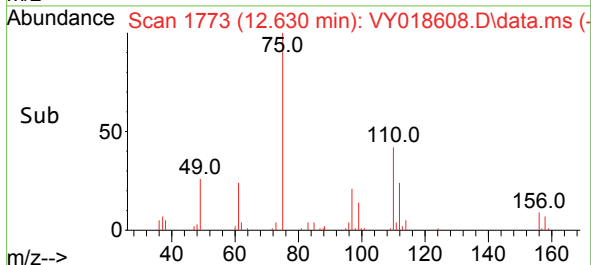
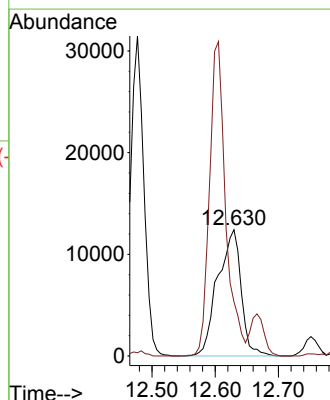
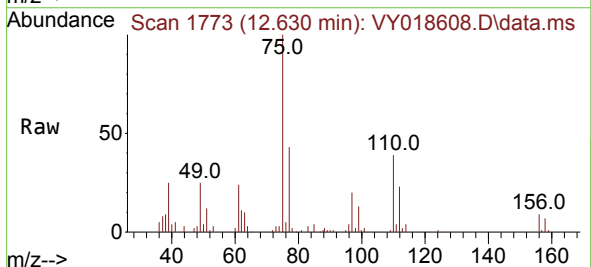
Acq: 17 Jun 2024 14:25

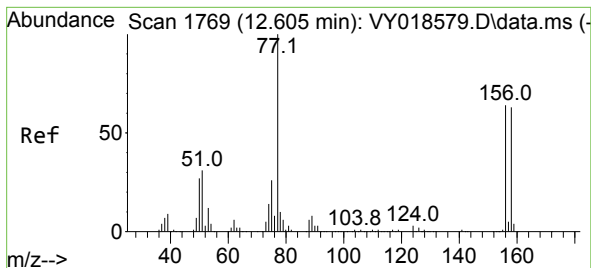
Tgt Ion: 75 Resp: 31914

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.653 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

ClientSampleId :

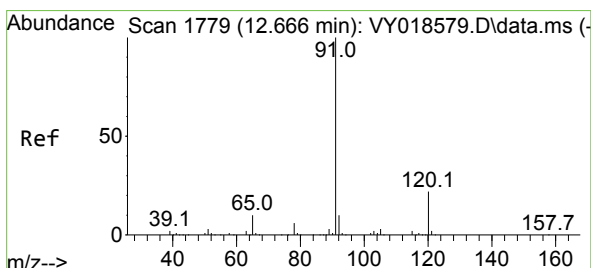
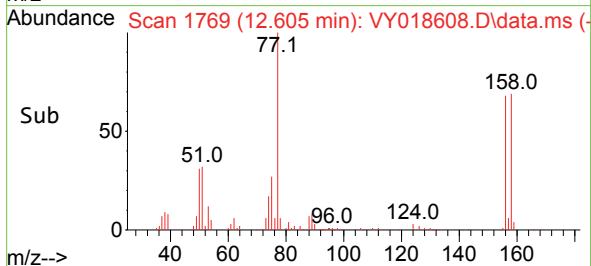
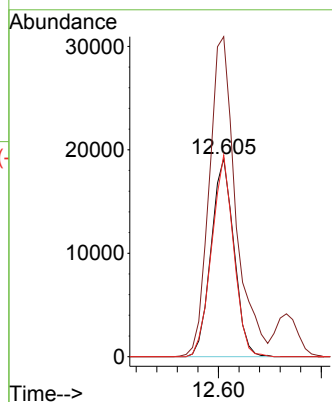
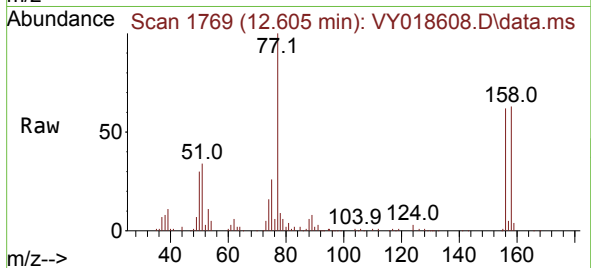
Tgt Ion:156 Resp: 29490

Ion Ratio Lower Upper

156 100

77 187.7 87.1 261.3

158 98.0 48.6 145.9



#78

n-propylbenzene

Concen: 21.447 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018608.D

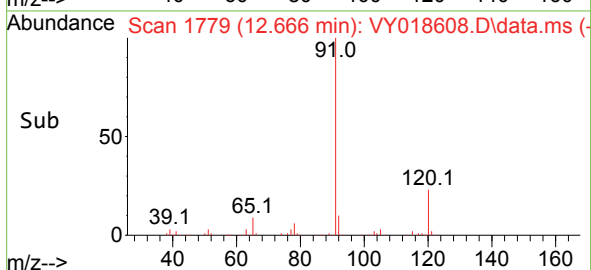
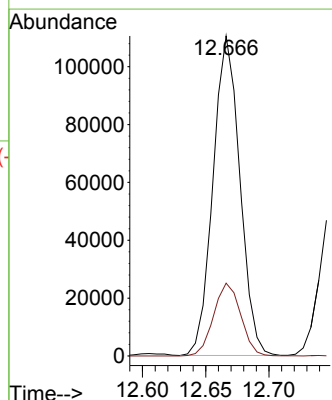
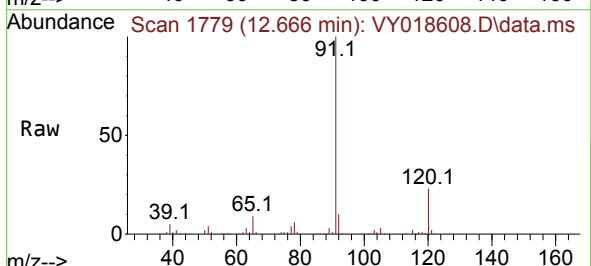
Acq: 17 Jun 2024 14:25

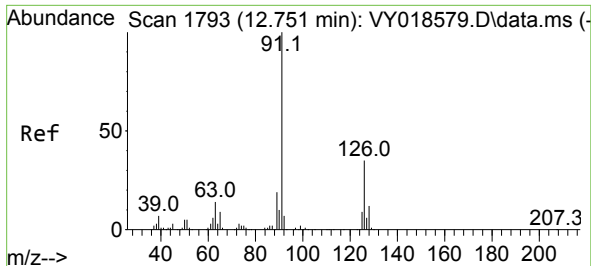
Tgt Ion: 91 Resp: 162860

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

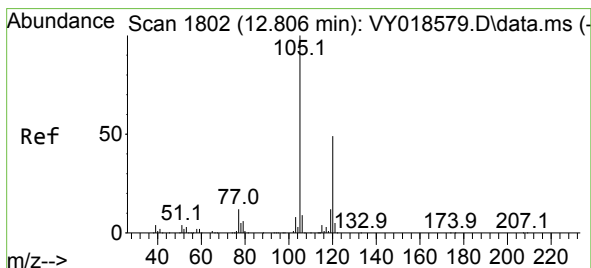
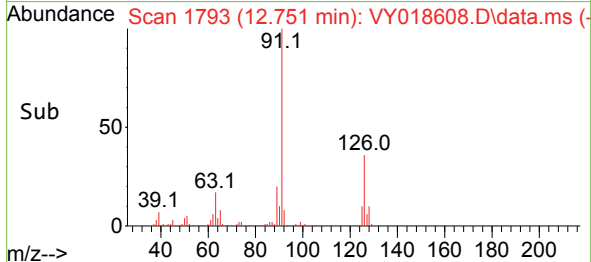
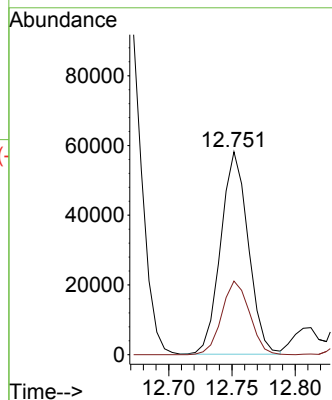
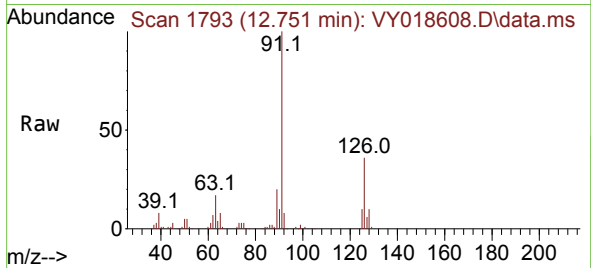




#79
2-Chlorotoluene
Concen: 20.527 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

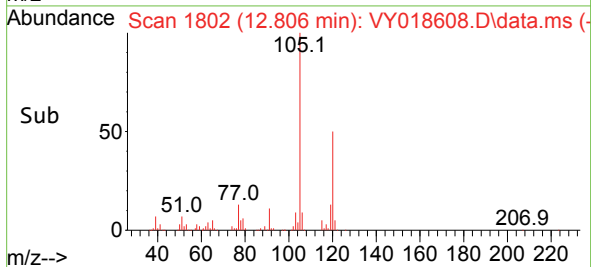
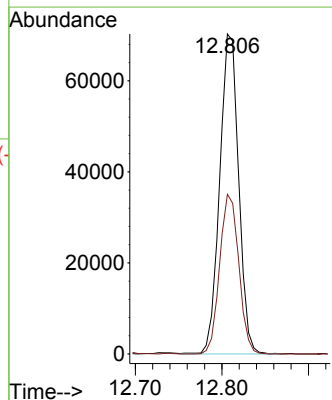
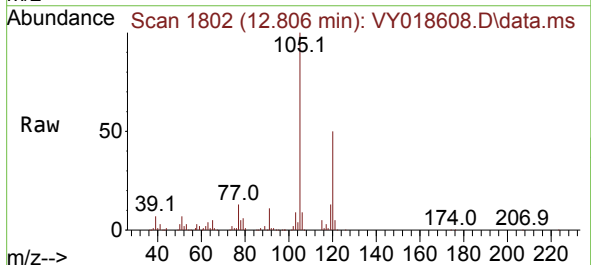
Instrument :
MSVOA_Y
ClientSampleId :

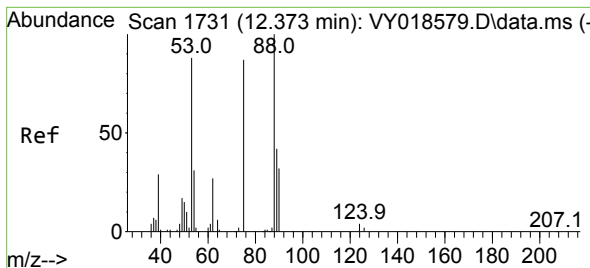
Tgt Ion: 91 Resp: 87987
Ion Ratio Lower Upper
91 100
126 36.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 20.768 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Tgt Ion:105 Resp: 106799
Ion Ratio Lower Upper
105 100
120 50.2 25.1 75.2

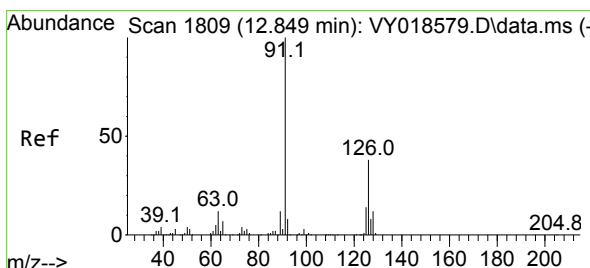
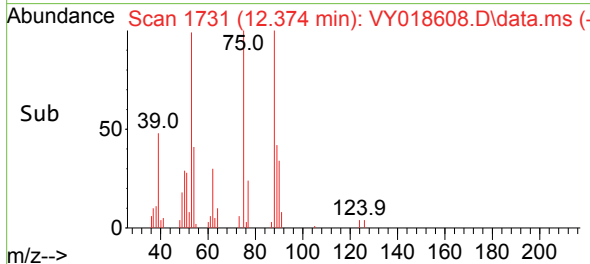
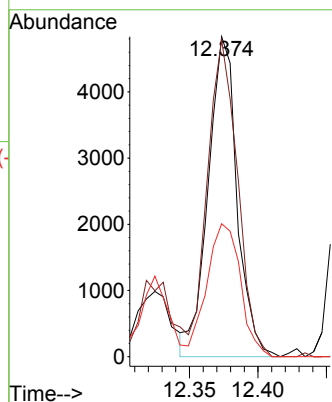
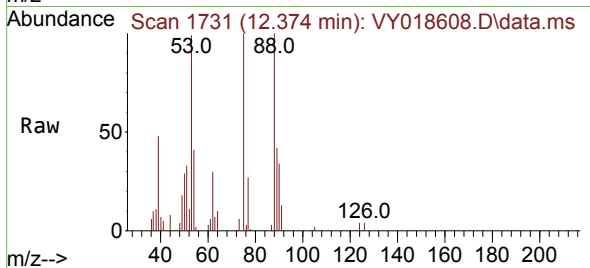




#81
trans-1,4-Dichloro-2-butene
Concen: 22.250 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

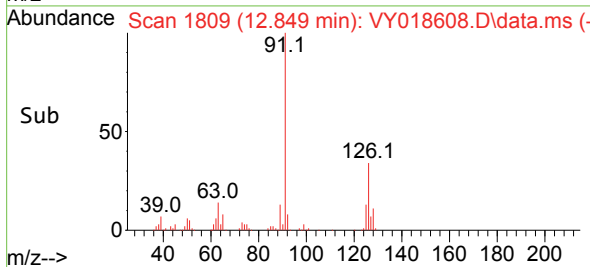
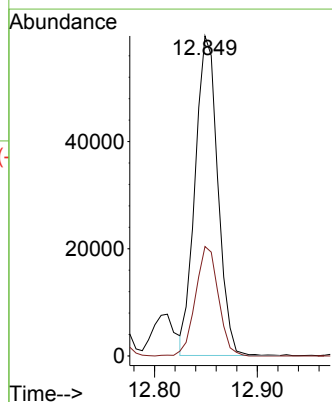
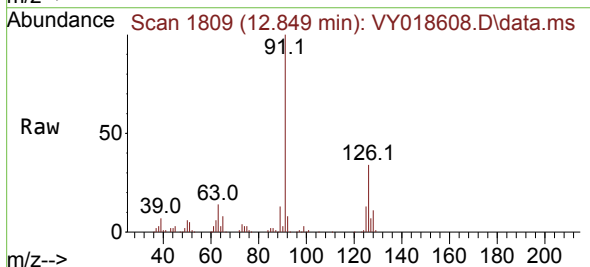
Instrument :
MSVOA_Y
ClientSampleId :

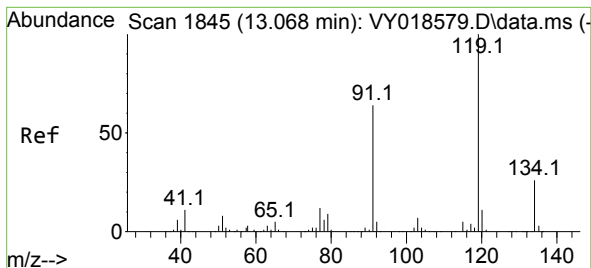
Tgt Ion: 75 Resp: 7080
Ion Ratio Lower Upper
75 100
53 102.0 66.8 100.2#
89 48.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.149 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018608.D
Acq: 17 Jun 2024 14:25

Tgt Ion: 91 Resp: 91287
Ion Ratio Lower Upper
91 100
126 34.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.483 ug/l

RT: 13.069 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

ClientSampleId :

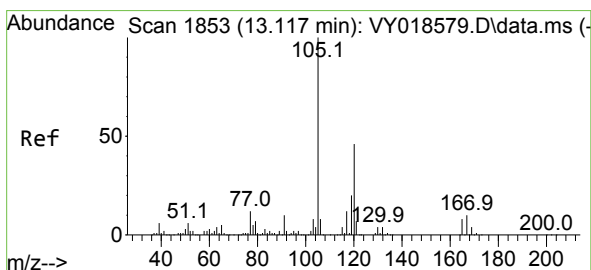
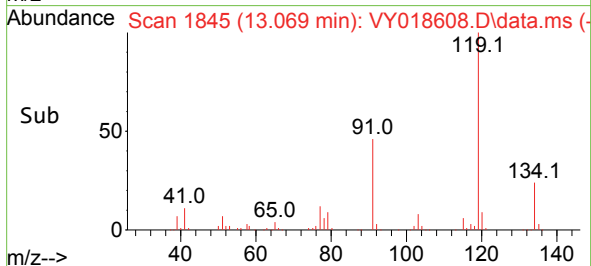
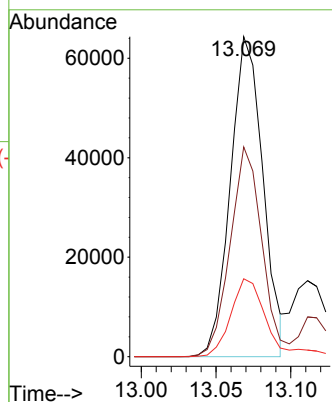
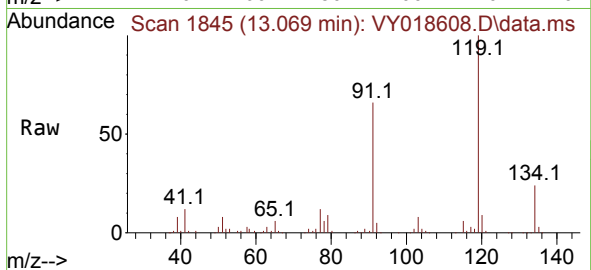
Tgt Ion:119 Resp: 97489

Ion Ratio Lower Upper

119 100

91 64.1 31.3 93.8

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.614 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018608.D

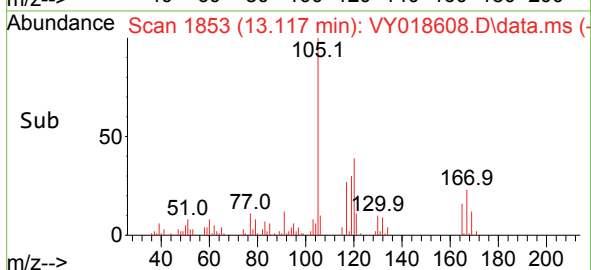
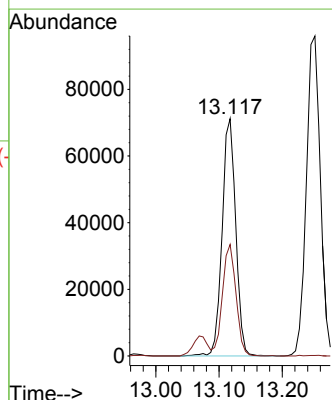
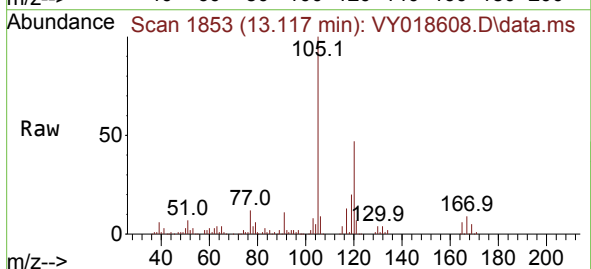
Acq: 17 Jun 2024 14:25

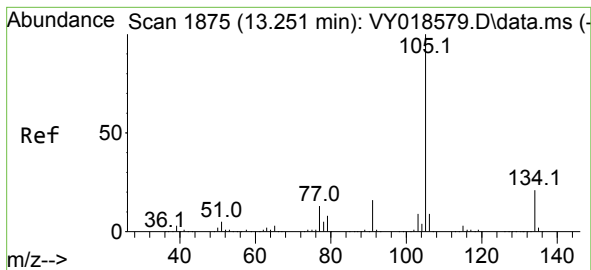
Tgt Ion:105 Resp: 105952

Ion Ratio Lower Upper

105 100

120 46.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.555 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

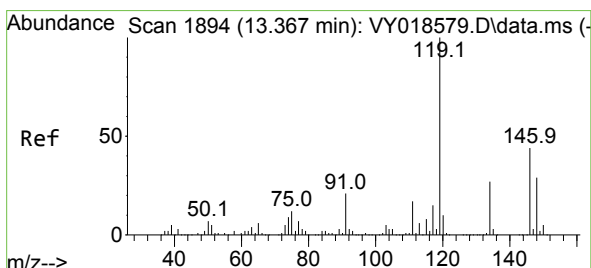
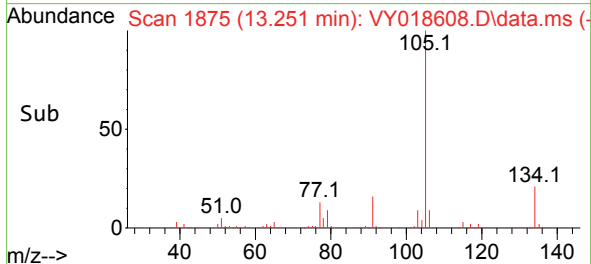
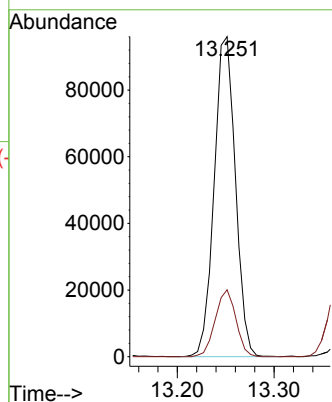
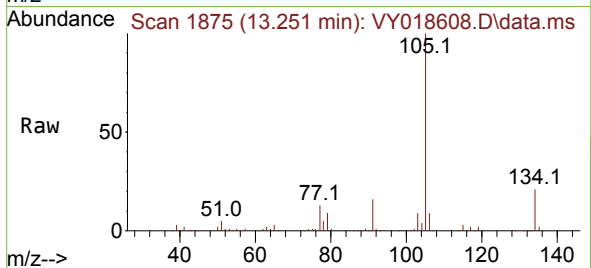
ClientSampleId :

Tgt Ion:105 Resp: 146319

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.282 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

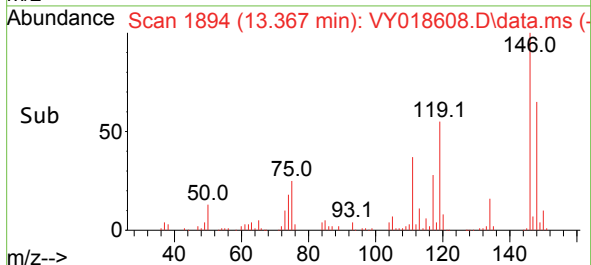
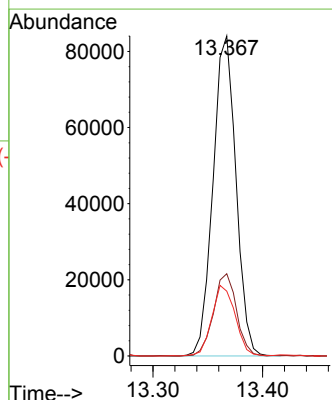
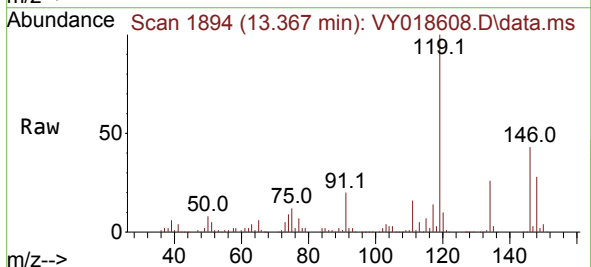
Tgt Ion:119 Resp: 122475

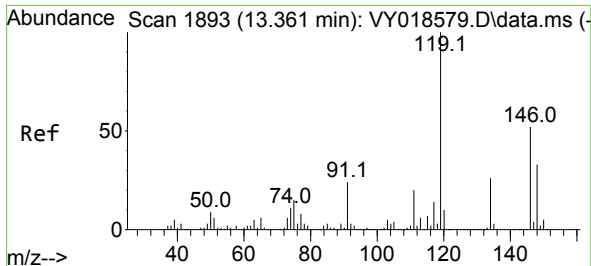
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

91 22.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.949 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

ClientSampleId :

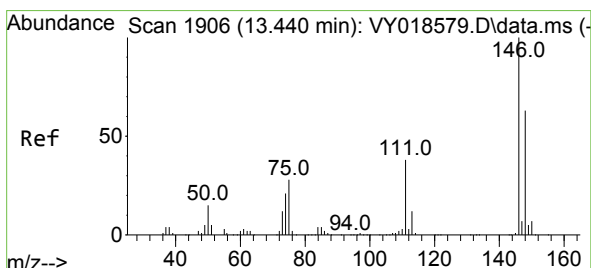
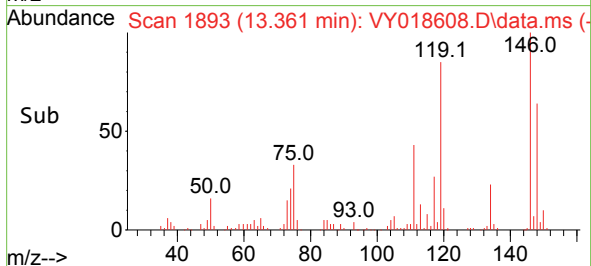
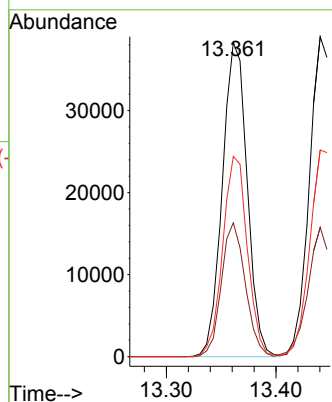
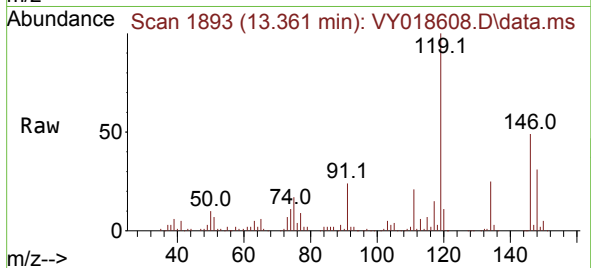
Tgt Ion:146 Resp: 60377

Ion Ratio Lower Upper

146 100

111 41.0 19.0 57.0

148 63.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.919 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

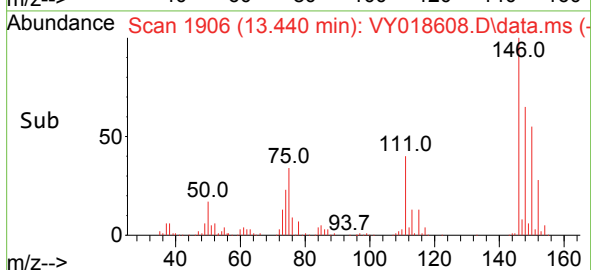
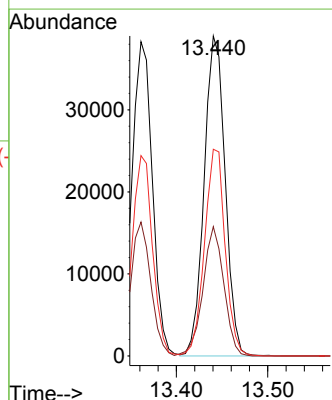
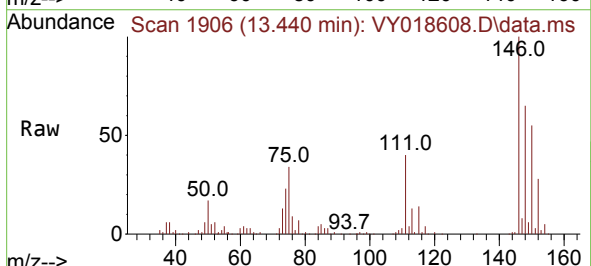
Tgt Ion:146 Resp: 62129

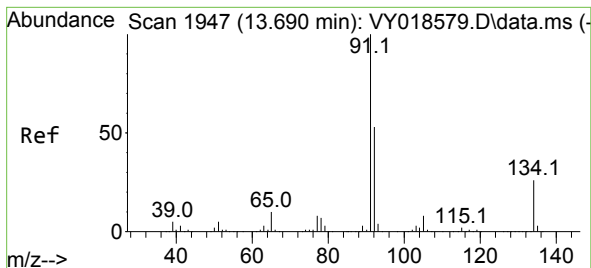
Ion Ratio Lower Upper

146 100

111 40.3 18.4 55.4

148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 22.350 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

ClientSampleId :

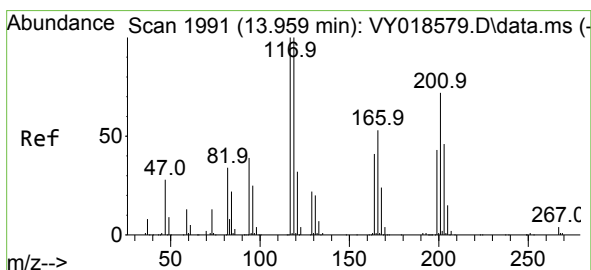
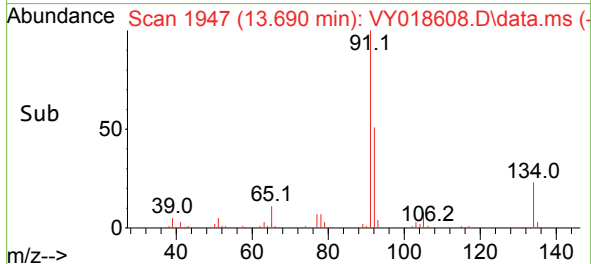
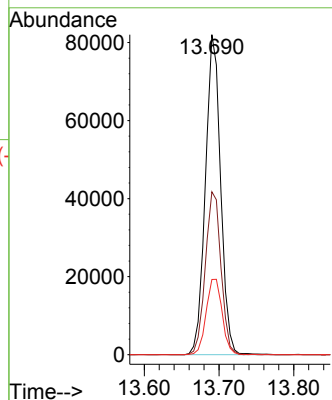
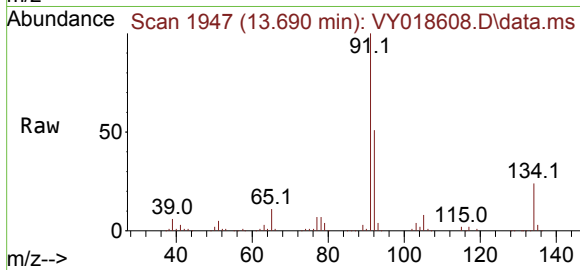
Tgt Ion: 91 Resp: 115932

Ion Ratio Lower Upper

91 100

92 52.2 26.6 79.7

134 24.8 12.9 38.7



#90

Hexachloroethane

Concen: 21.482 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018608.D

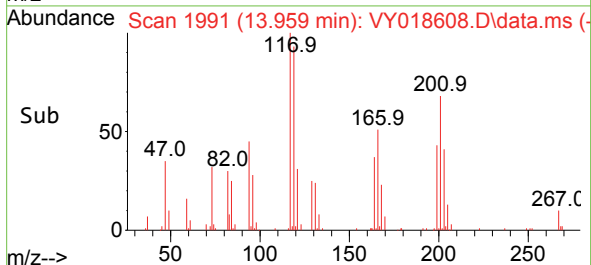
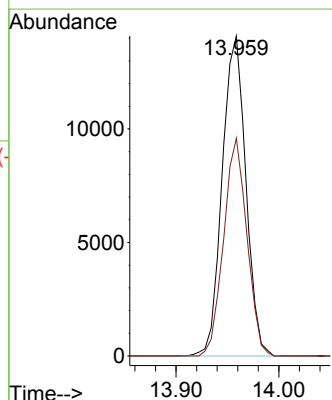
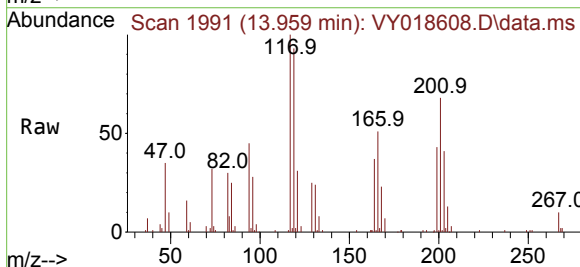
Acq: 17 Jun 2024 14:25

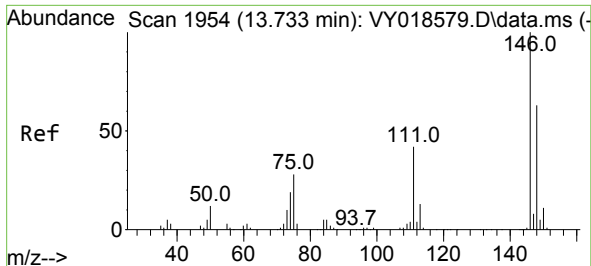
Tgt Ion: 117 Resp: 22458

Ion Ratio Lower Upper

117 100

201 67.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.090 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. 0.000 min

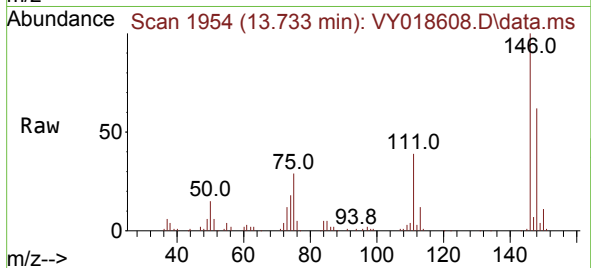
Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

ClientSampleId :



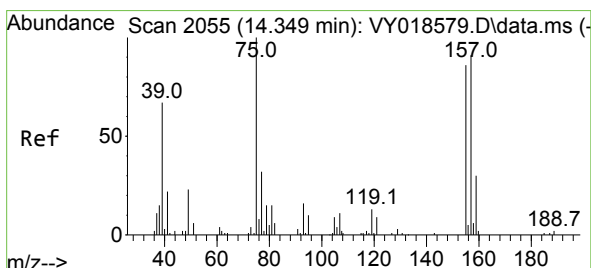
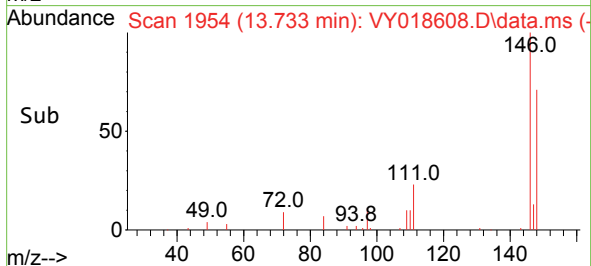
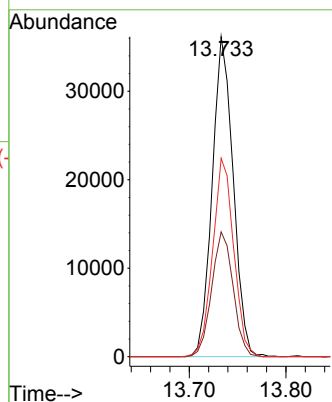
Tgt Ion:146 Resp: 54529

Ion Ratio Lower Upper

146 100

111 39.7 19.9 59.7

148 62.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.611 ug/l

RT: 14.349 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

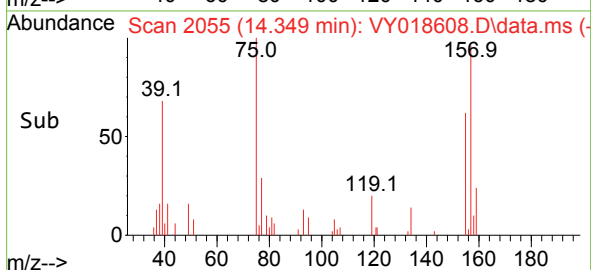
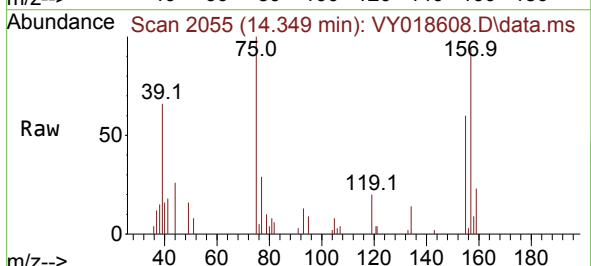
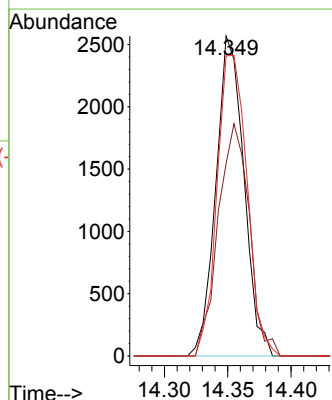
Tgt Ion: 75 Resp: 3939

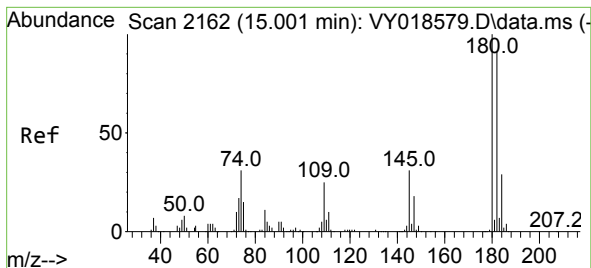
Ion Ratio Lower Upper

75 100

155 80.5 48.6 145.8

157 100.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.406 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

ClientSampleId :

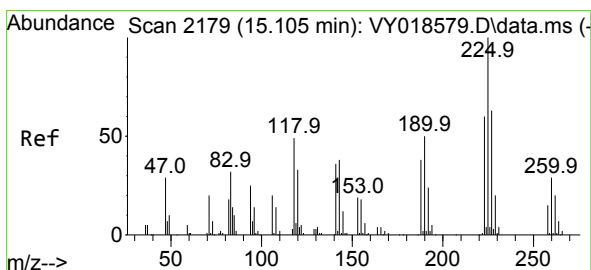
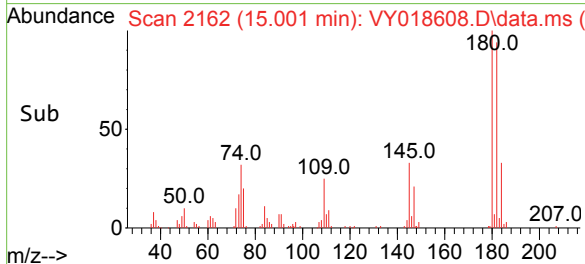
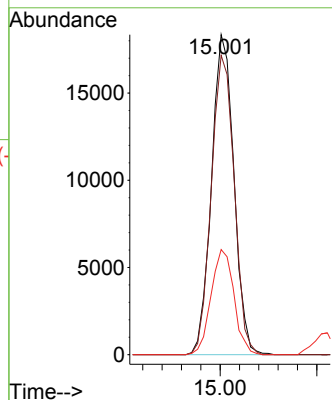
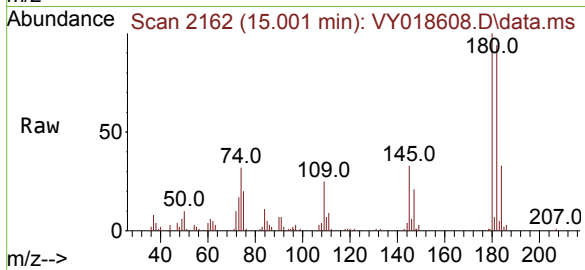
Tgt Ion:180 Resp: 29393

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.8

145 33.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.477 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

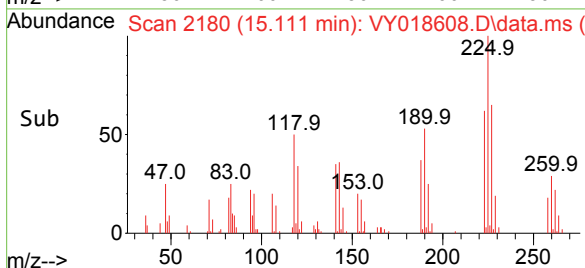
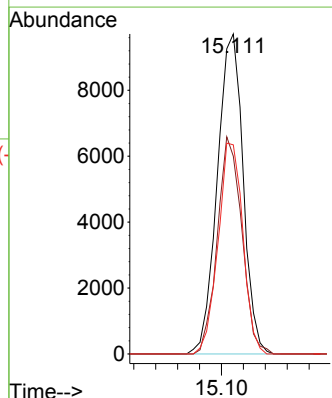
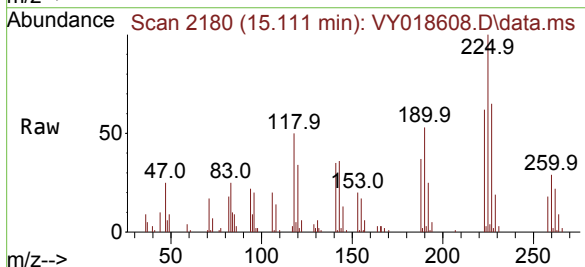
Tgt Ion:225 Resp: 15895

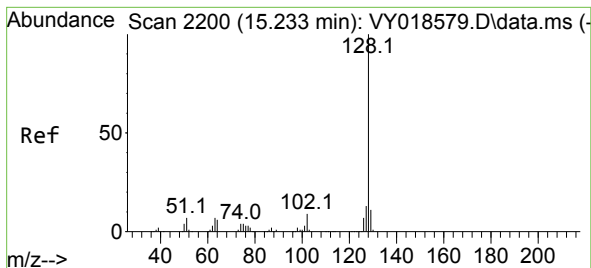
Ion Ratio Lower Upper

225 100

223 64.2 30.4 91.2

227 63.2 31.9 95.9





#95

Naphthalene

Concen: 21.664 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018608.D

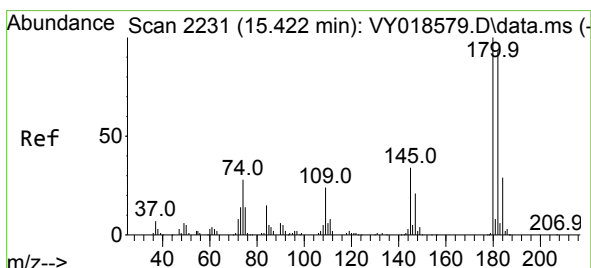
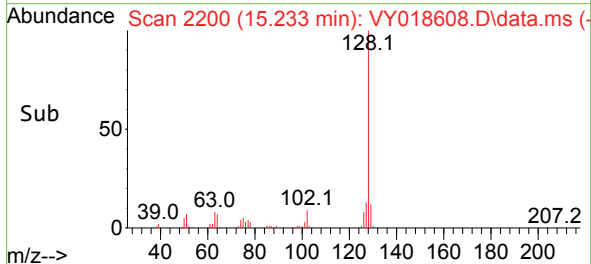
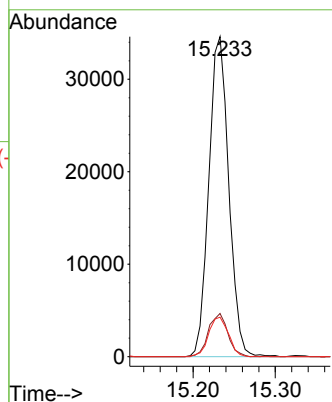
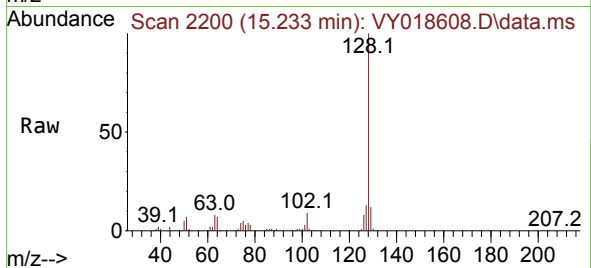
Acq: 17 Jun 2024 14:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	58316
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.6 16.0
129	12.3	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.781 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018608.D

Acq: 17 Jun 2024 14:25

Tgt Ion:180	Resp:	26509
Ion Ratio	Lower	Upper
180	100	
182	92.9	47.6 142.9
145	32.4	15.4 46.1

