

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018605.D
 Acq On : 17 Jun 2024 12:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 01:20:59 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	146076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	246968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	219019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109735	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	84102	57.186	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.380%	
35) Dibromofluoromethane	7.704	113	85539	56.778	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.560%	
50) Toluene-d8	10.173	98	339936	58.674	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.340%	
62) 4-Bromofluorobenzene	12.477	95	110319	60.301	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 120.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	52087	54.139	ug/l	93
3) Chloromethane	2.101	50	100412	50.675	ug/l	98
4) Vinyl Chloride	2.241	62	123824	50.460	ug/l	96
5) Bromomethane	2.638	94	82483	45.222	ug/l	98
6) Chloroethane	2.778	64	78348	48.739	ug/l	97
7) Trichlorofluoromethane	3.101	101	138553	52.433	ug/l	98
8) Diethyl Ether	3.515	74	37593	49.894	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.875	101	73449	53.198	ug/l	96
10) Methyl Iodide	4.076	142	77522	46.487	ug/l	98
11) Tert butyl alcohol	4.930	59	30583	115.609	ug/l #	84
12) 1,1-Dichloroethene	3.857	96	70296	50.663	ug/l	95
13) Acrolein	3.717	56	20564	241.794	ug/l	99
14) Allyl chloride	4.460	41	98804	52.821	ug/l	97
15) Acrylonitrile	5.143	53	80950	241.511	ug/l	98
16) Acetone	3.930	43	87558	292.628	ug/l	87
17) Carbon Disulfide	4.174	76	205595	48.909	ug/l	97
18) Methyl Acetate	4.460	43	40537	53.412	ug/l	93
19) Methyl tert-butyl Ether	5.204	73	176435	47.669	ug/l	98
20) Methylene Chloride	4.692	84	100704	55.618	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	77949	49.351	ug/l	98
22) Diisopropyl ether	6.106	45	215656	51.069	ug/l	97
23) Vinyl Acetate	6.045	43	874510	223.383	ug/l	97
24) 1,1-Dichloroethane	6.003	63	136360	50.122	ug/l	99
25) 2-Butanone	6.972	43	113422	252.888	ug/l	92
26) 2,2-Dichloropropane	6.966	77	116016	50.616	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	92094	48.272	ug/l	95
28) Bromochloromethane	7.320	49	61171	54.858	ug/l	89
29) Tetrahydrofuran	7.338	42	68560	249.092	ug/l	92
30) Chloroform	7.496	83	141784	47.821	ug/l	99
31) Cyclohexane	7.771	56	117654	52.226	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	123068	48.860	ug/l	95
36) 1,1-Dichloropropene	7.905	75	103315	49.821	ug/l	98
37) Ethyl Acetate	7.064	43	48611	49.727	ug/l	97
38) Carbon Tetrachloride	7.887	117	108001	49.642	ug/l	97
39) Methylcyclohexane	9.173	83	136010	53.528	ug/l	95
40) Benzene	8.149	78	316813	49.399	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	27542	56.018	ug/l #	64
42) 1,2-Dichloroethane	8.228	62	79056	47.250	ug/l	98
43) Isopropyl Acetate	8.265	43	93390	51.185	ug/l	93
44) Trichloroethene	8.929	130	79873	47.570	ug/l	94
45) 1,2-Dichloropropane	9.210	63	73981	50.449	ug/l	97
46) Dibromomethane	9.301	93	42250	46.433	ug/l	95
47) Bromodichloromethane	9.490	83	107842	49.657	ug/l	99
48) Methyl methacrylate	9.289	41	42052	51.195	ug/l	92
49) 1,4-Dioxane	9.295	88	11004	919.525	ug/l #	96
51) 4-Methyl-2-Pentanone	10.063	43	236203	245.771	ug/l	97
52) Toluene	10.240	92	205147	49.822	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	99924	52.651	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	116291	50.776	ug/l	95
55) 1,1,2-Trichloroethane	10.636	97	56400	46.602	ug/l	97
56) Ethyl methacrylate	10.502	69	79801	50.389	ug/l	92
57) 1,3-Dichloropropane	10.782	76	96320	47.910	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	161715	211.518	ug/l	99
59) 2-Hexanone	10.825	43	172938	256.891	ug/l	96
60) Dibromochloromethane	10.977	129	74653	49.655	ug/l	96
61) 1,2-Dibromoethane	11.081	107	54089	48.358	ug/l	100
64) Tetrachloroethene	10.715	164	75100	48.075	ug/l	98
65) Chlorobenzene	11.514	112	224058	49.521	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	75183	49.586	ug/l	98
67) Ethyl Benzene	11.587	91	401542	51.148	ug/l	98
68) m/p-Xylenes	11.697	106	309344	101.265	ug/l	98
69) o-Xylene	12.026	106	147316	50.149	ug/l	100
70) Styrene	12.038	104	250075	51.531	ug/l	98
71) Bromoform	12.203	173	41474	49.851	ug/l #	97
73) Isopropylbenzene	12.325	105	388125	48.436	ug/l	100
74) N-amyl acetate	12.142	43	85715	52.237	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	66902	47.021	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	83772	81.382	ug/l #	100
77) Bromobenzene	12.605	156	86342	46.592	ug/l	97
78) n-propylbenzene	12.666	91	470299	50.150	ug/l	99
79) 2-Chlorotoluene	12.752	91	256903	48.530	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	319680	50.337	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	21879	55.675	ug/l	96
82) 4-Chlorotoluene	12.849	91	265017	49.715	ug/l	98
83) tert-Butylbenzene	13.069	119	284305	48.369	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	316699	49.893	ug/l	98
85) sec-Butylbenzene	13.251	105	432791	51.626	ug/l	99
86) p-Isopropyltoluene	13.367	119	360053	50.661	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	178080	47.643	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	172643	47.069	ug/l	99
89) n-Butylbenzene	13.690	91	341260	53.273	ug/l	100
90) Hexachloroethane	13.959	117	68046	52.705	ug/l	94
91) 1,2-Dichlorobenzene	13.733	146	152051	47.620	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	9103	44.184	ug/l	99
93) 1,2,4-Trichlorobenzene	15.001	180	90016	50.602	ug/l	98
94) Hexachlorobutadiene	15.111	225	47163	51.600	ug/l	97
95) Naphthalene	15.233	128	166770	50.167	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	73812	49.109	ug/l	98

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QLast Update : Fri Jun 14 07:08:24 2024
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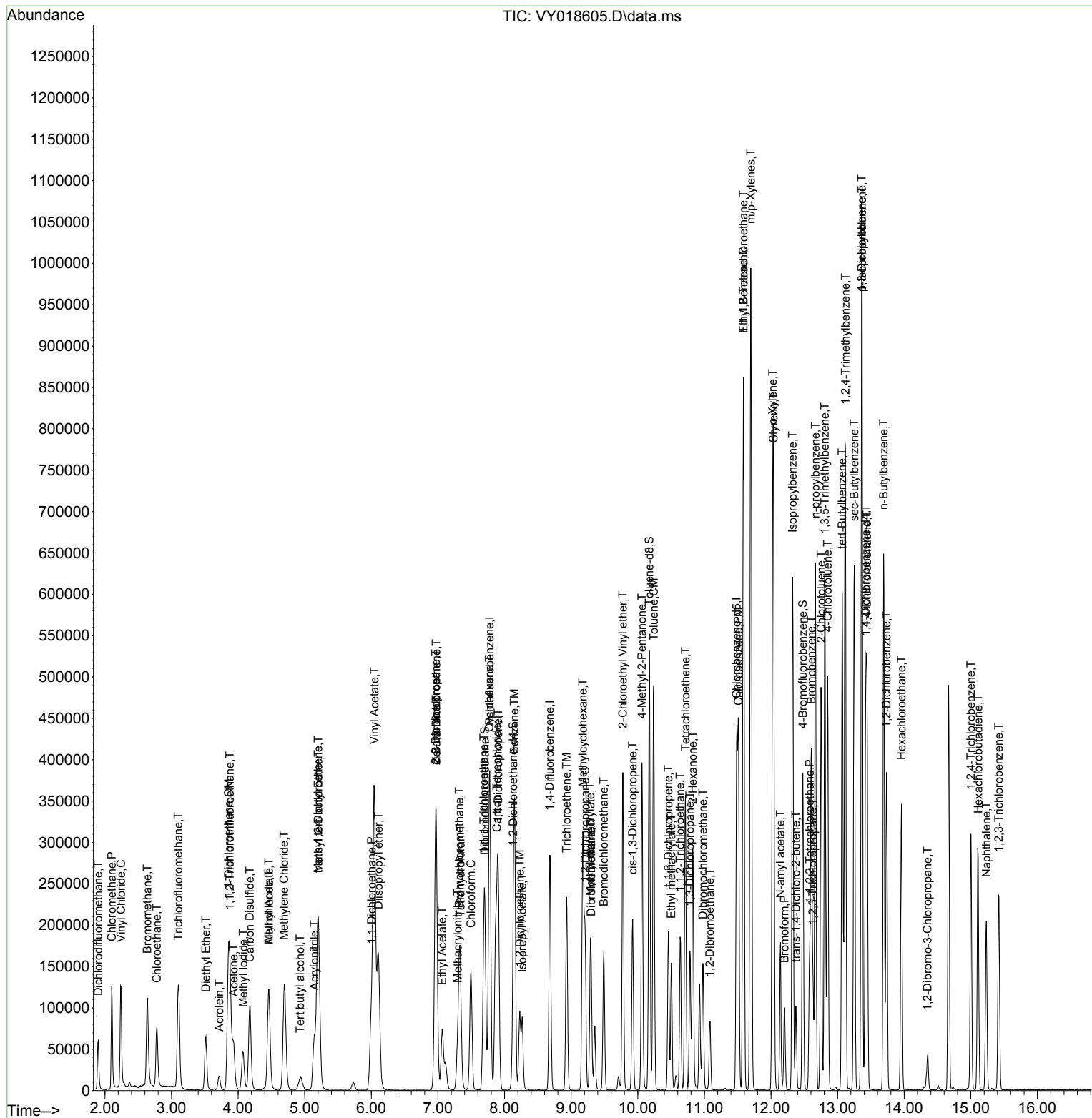
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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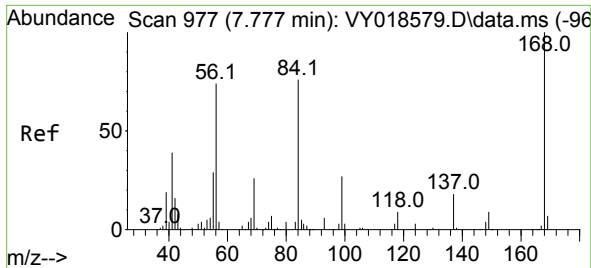
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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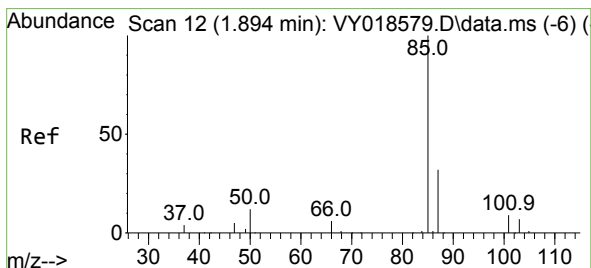
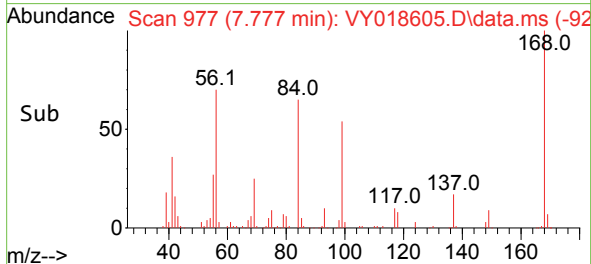
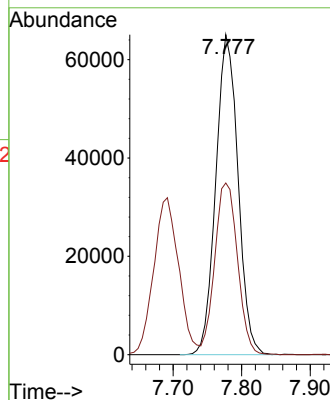
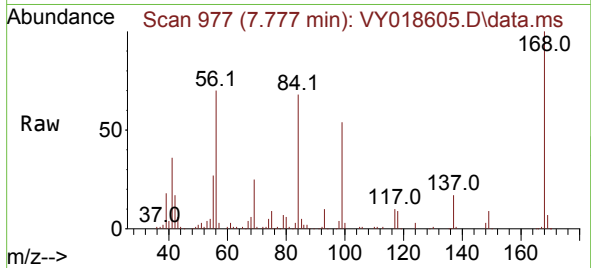




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018605.D
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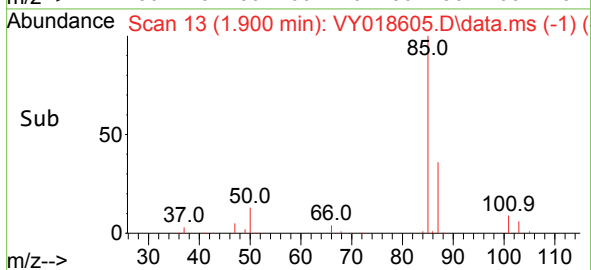
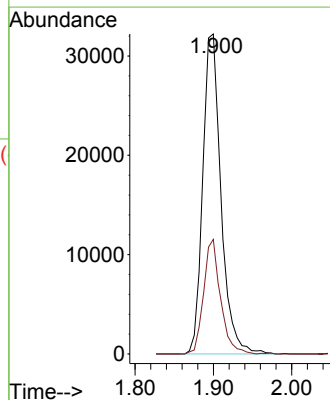
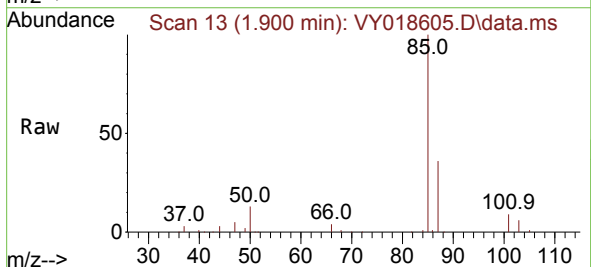
Instrument :
MSVOA_Y
ClientSampleId :

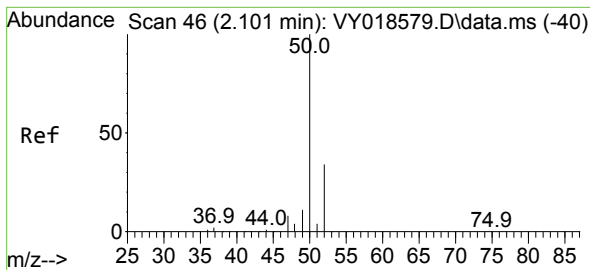
Tgt Ion:168 Resp: 146076
Ion Ratio Lower Upper
168 100
99 53.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 54.139 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

Tgt Ion: 85 Resp: 52087
Ion Ratio Lower Upper
85 100
87 35.8 16.0 48.0





#3

Chloromethane

Concen: 50.675 ug/l

RT: 2.101 min Scan# 46

Delta R.T. 0.000 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Instrument :

MSVOA_Y

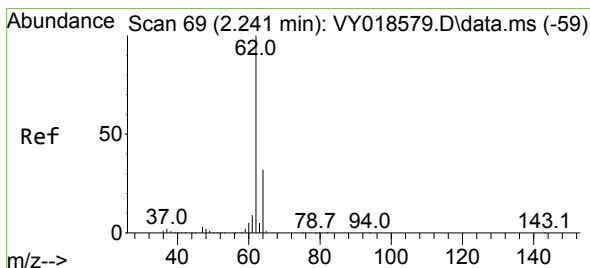
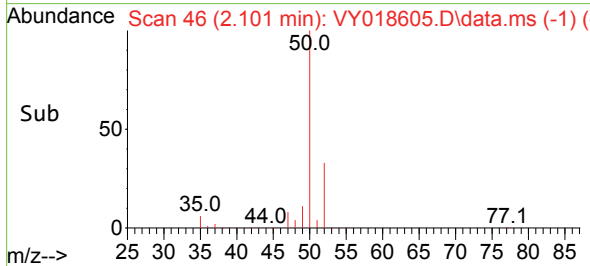
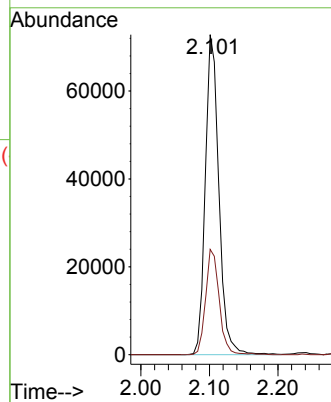
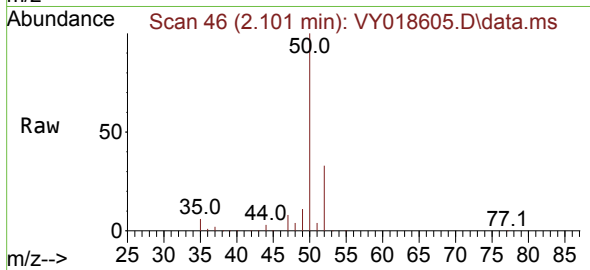
ClientSampleId :

Tgt Ion: 50 Resp: 100412

Ion Ratio Lower Upper

50 100

52 32.9 25.6 38.4



#4

Vinyl Chloride

Concen: 50.460 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY018605.D

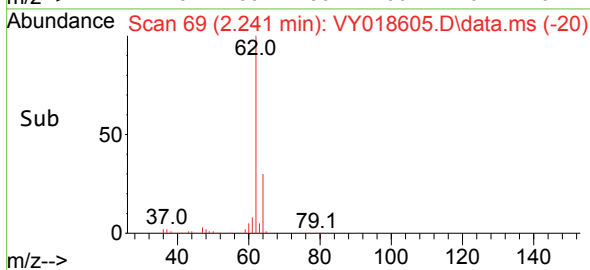
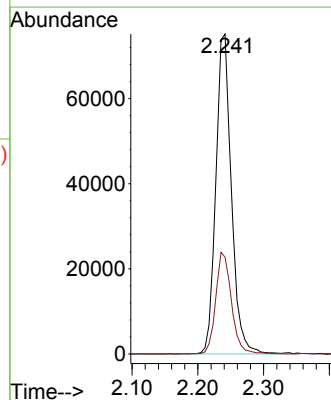
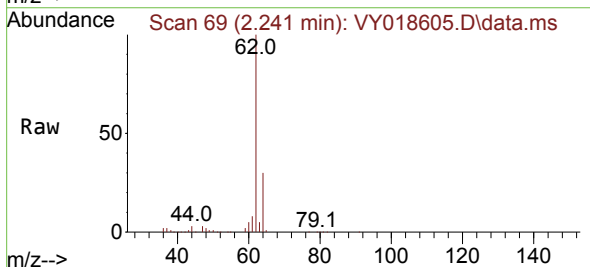
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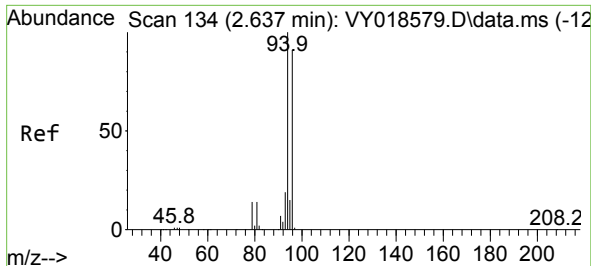
Tgt Ion: 62 Resp: 123824

Ion Ratio Lower Upper

62 100

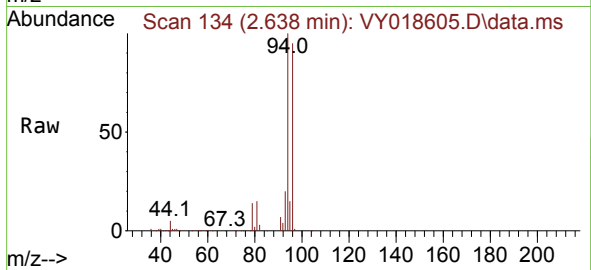
64 30.2 26.1 39.1



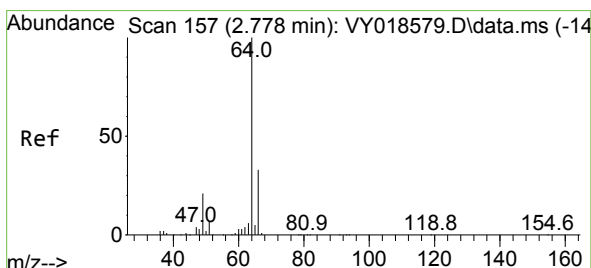
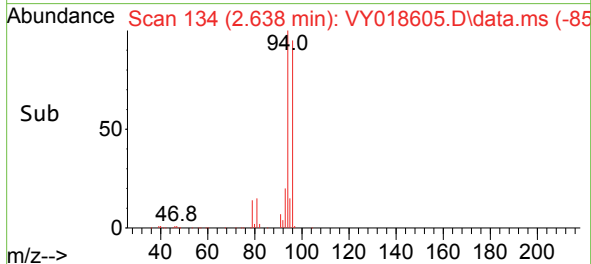
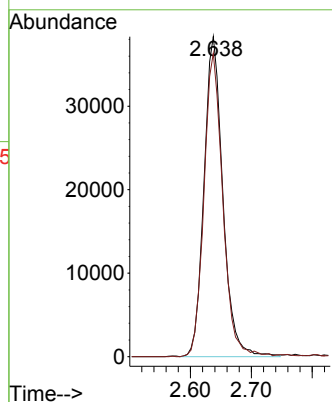


#5
Bromomethane
Concen: 45.222 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018605.D
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ClientSampleId :

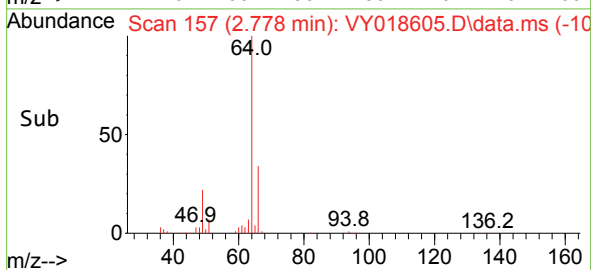
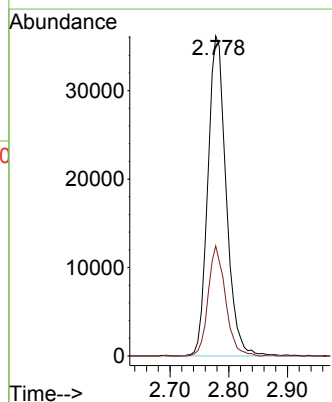
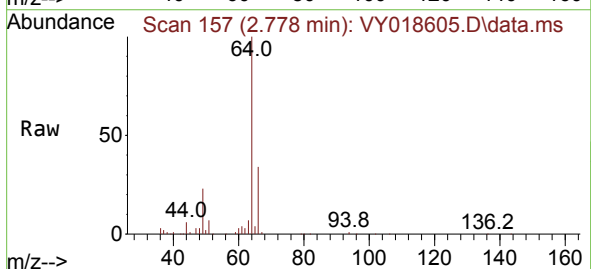


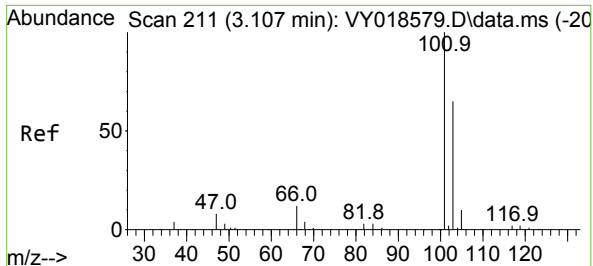
Tgt Ion: 94 Resp: 82483
Ion Ratio Lower Upper
94 100
96 94.9 74.1 111.1



#6
Chloroethane
Concen: 48.739 ug/l
RT: 2.778 min Scan# 157
Delta R.T. 0.000 min
Lab File: VY018605.D
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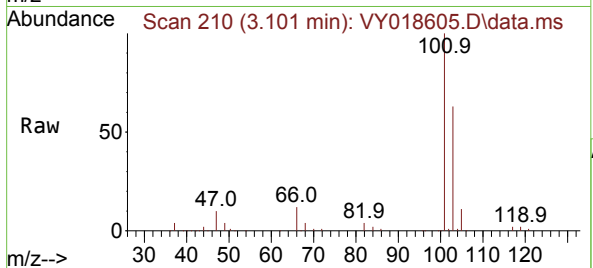
Tgt Ion: 64 Resp: 78348
Ion Ratio Lower Upper
64 100
66 34.4 26.1 39.1



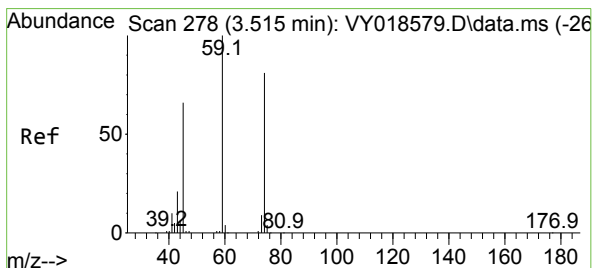
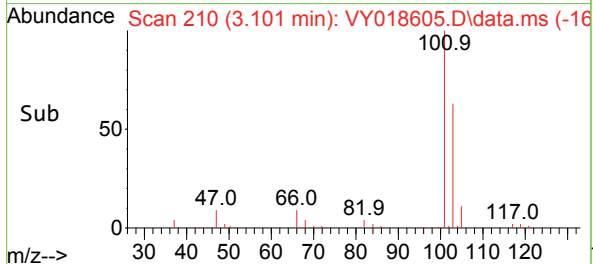
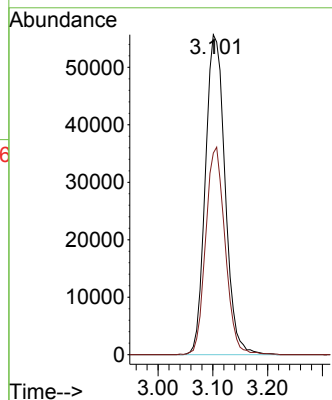


#7
Trichlorofluoromethane
Concen: 52.433 ug/l
RT: 3.101 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

Instrument :
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ClientSampleId :

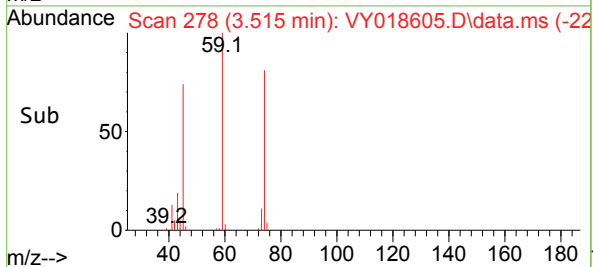
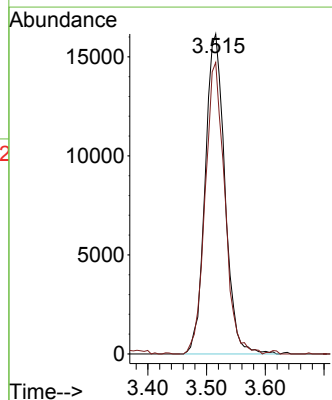
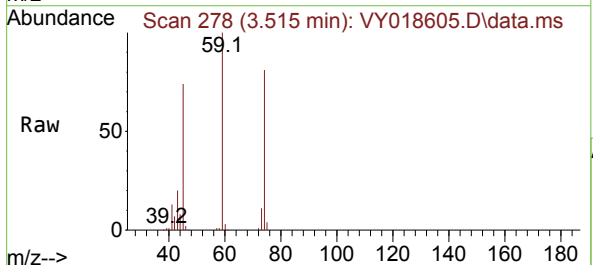


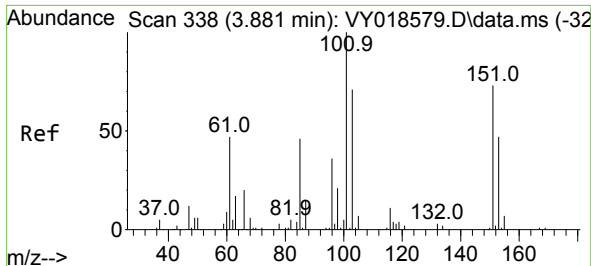
Tgt Ion:101 Resp: 138553
Ion Ratio Lower Upper
101 100
103 63.0 49.3 73.9



#8
Diethyl Ether
Concen: 49.894 ug/l
RT: 3.515 min Scan# 278
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

Tgt Ion: 74 Resp: 37593
Ion Ratio Lower Upper
74 100
45 90.7 41.3 124.1

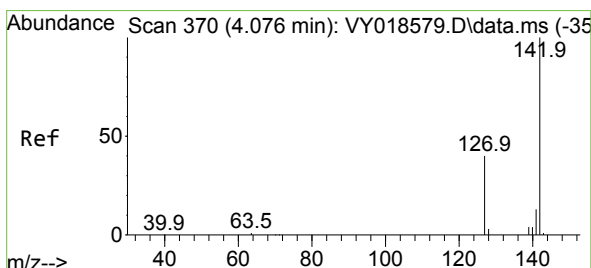
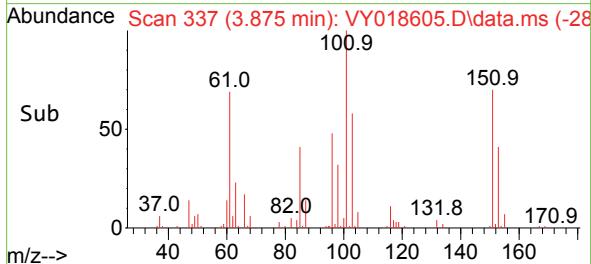
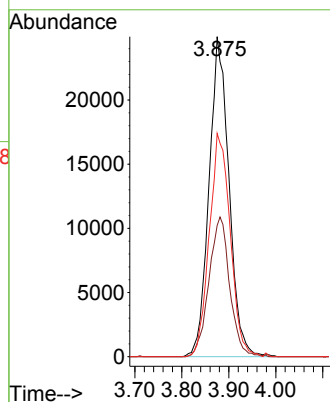
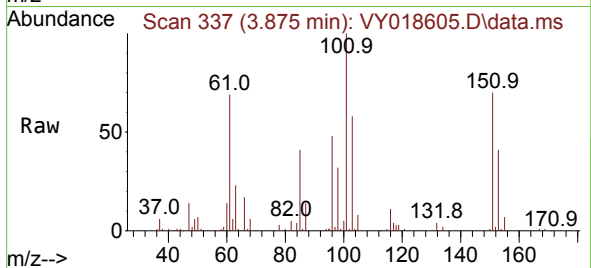




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.198 ug/l
RT: 3.875 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

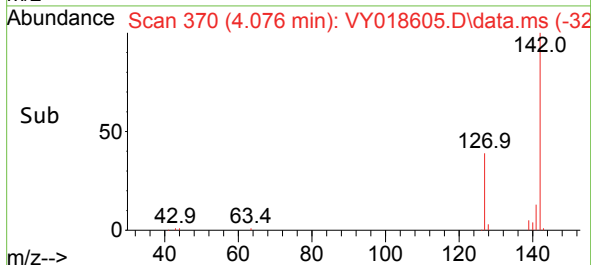
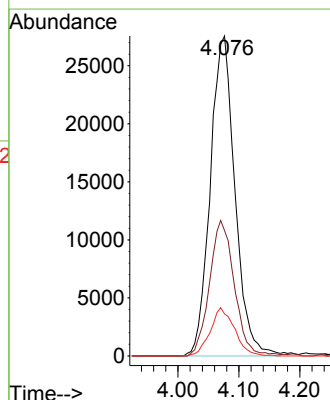
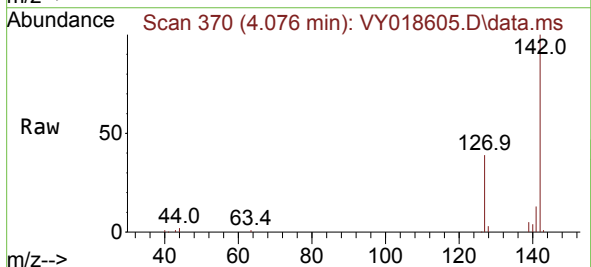
Instrument :
MSVOA_Y
ClientSampleId :

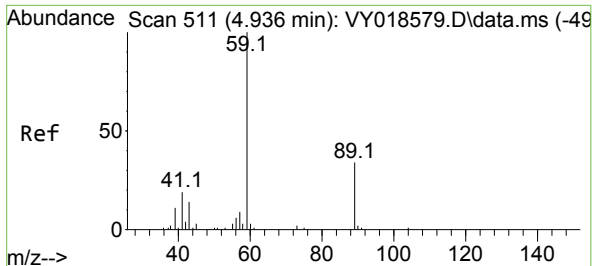
Tgt Ion:101 Resp: 73449
Ion Ratio Lower Upper
101 100
85 45.4 34.5 51.7
151 73.2 61.7 92.5



#10
Methyl Iodide
Concen: 46.487 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

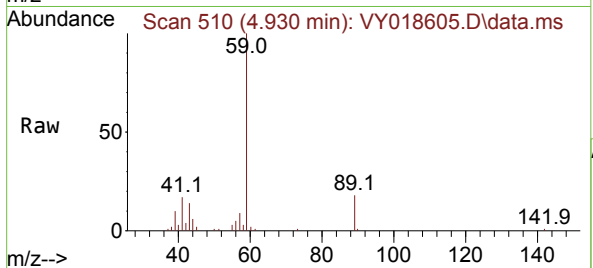
Tgt Ion:142 Resp: 77522
Ion Ratio Lower Upper
142 100
127 42.7 32.8 49.2
141 14.9 11.4 17.2



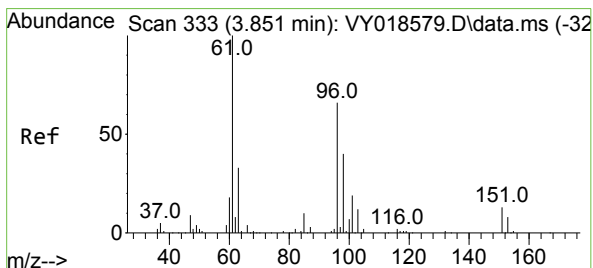
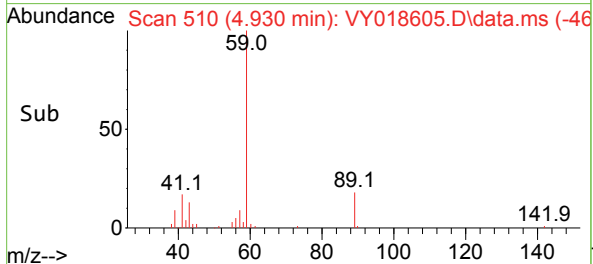
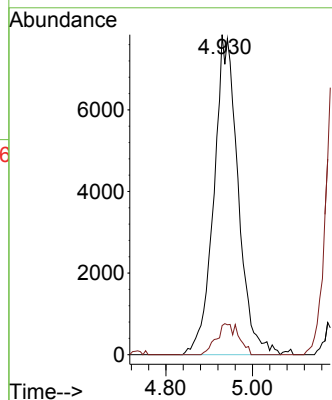


#11
Tert butyl alcohol
Concen: 115.609 ug/l
RT: 4.930 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

Instrument :
MSVOA_Y
ClientSampleId :

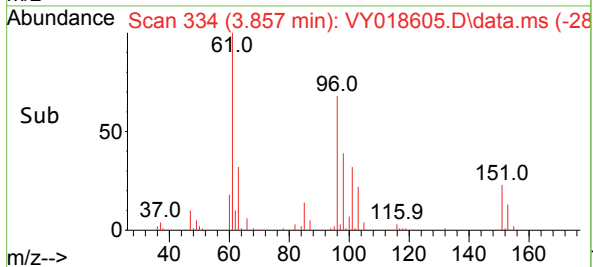
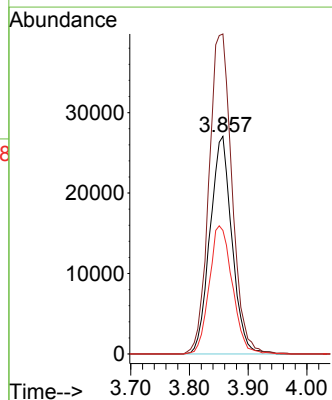
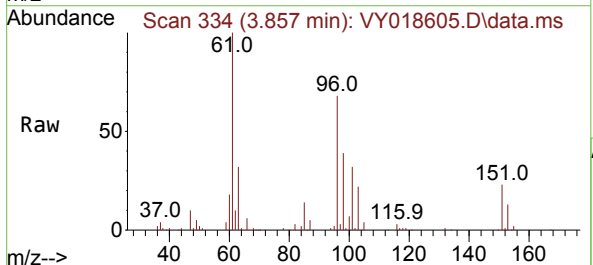


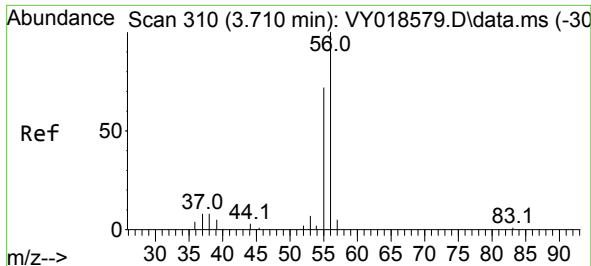
Tgt Ion: 59 Resp: 30583
Ion Ratio Lower Upper
59 100
57 8.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 50.663 ug/l
RT: 3.857 min Scan# 334
Delta R.T. 0.006 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

Tgt Ion: 96 Resp: 70296
Ion Ratio Lower Upper
96 100
61 147.1 114.6 171.8
98 56.7 50.8 76.2





#13

Acrolein

Concen: 241.794 ug/l

RT: 3.717 min Scan# 311

Delta R.T. 0.007 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Instrument :

MSVOA_Y

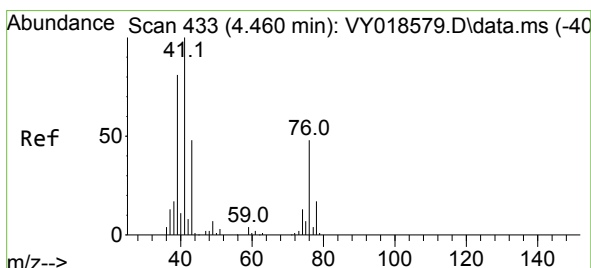
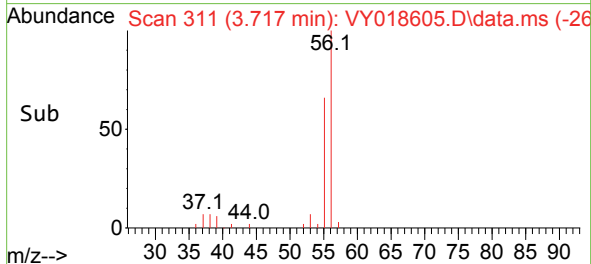
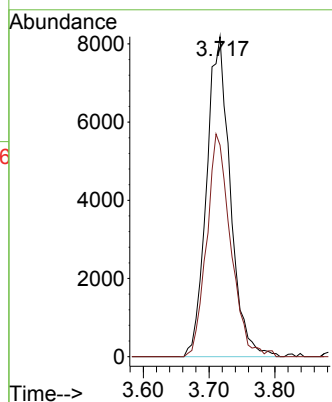
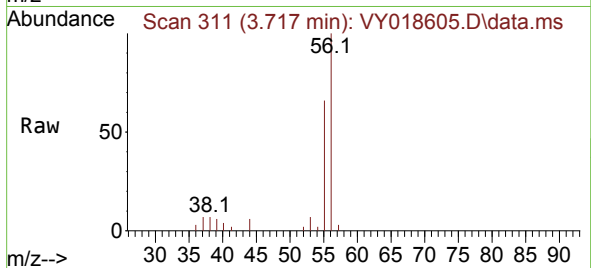
ClientSampleId :

Tgt Ion: 56 Resp: 20564

Ion Ratio Lower Upper

56 100

55 70.4 55.7 83.5



#14

Allyl chloride

Concen: 52.821 ug/l

RT: 4.460 min Scan# 433

Delta R.T. 0.000 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

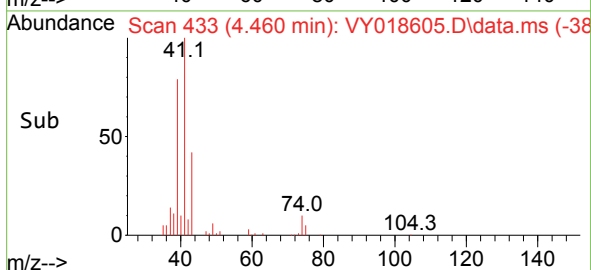
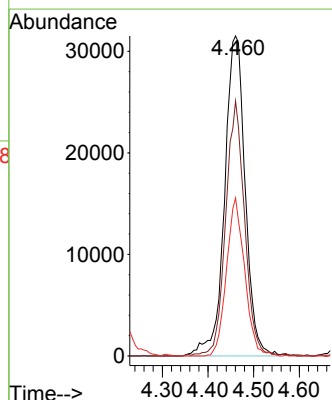
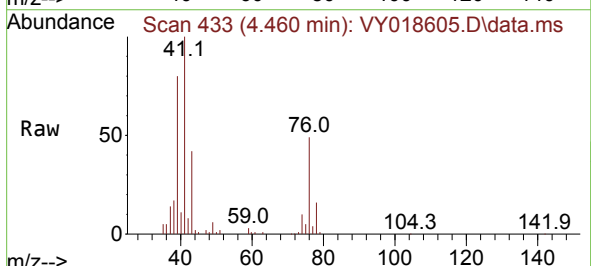
Tgt Ion: 41 Resp: 98804

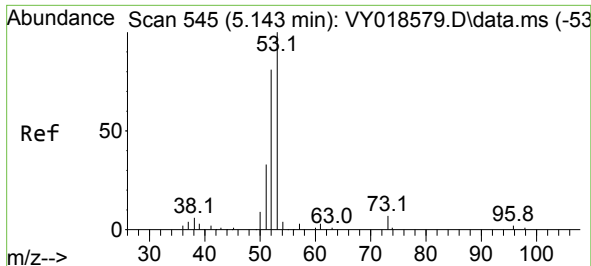
Ion Ratio Lower Upper

41 100

39 73.2 58.3 87.5

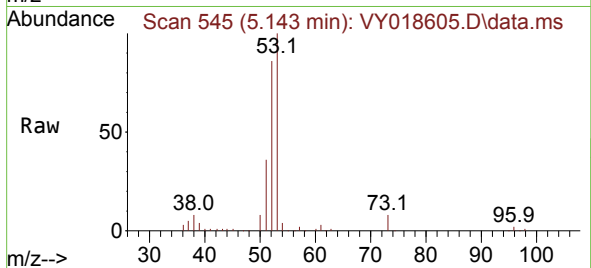
76 43.6 39.0 58.6



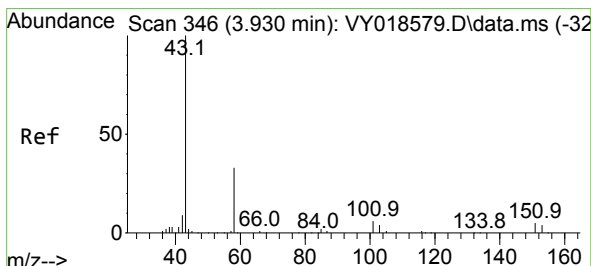
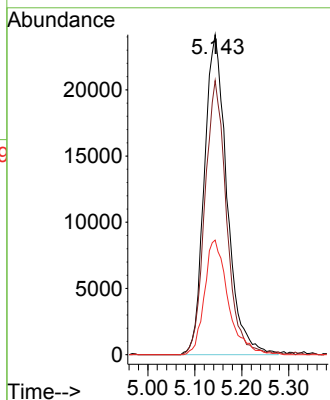
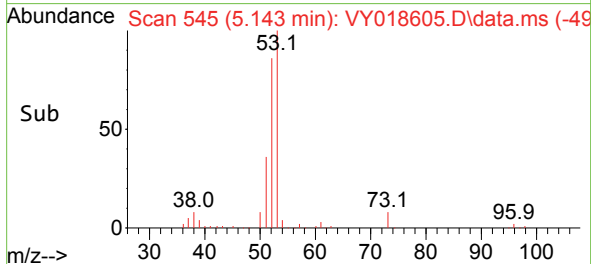


#15
Acrylonitrile
Concen: 241.511 ug/l
RT: 5.143 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

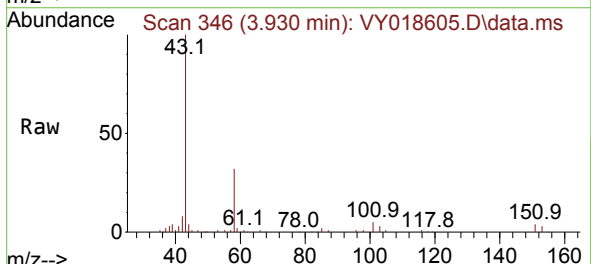
Instrument :
MSVOA_Y
ClientSampleId :



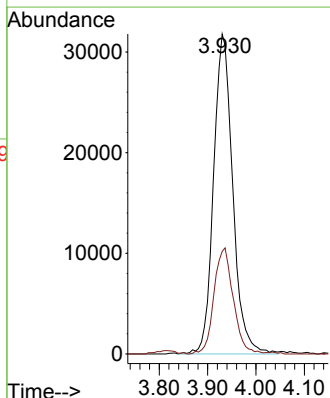
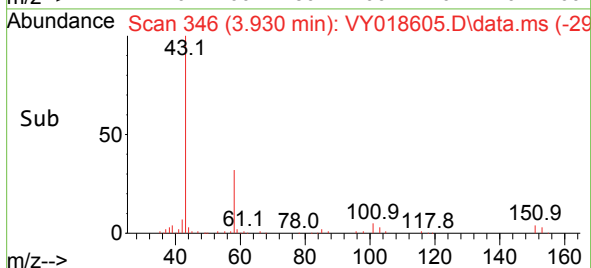
Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.6	64.7	97.1
51	37.4	28.4	42.6

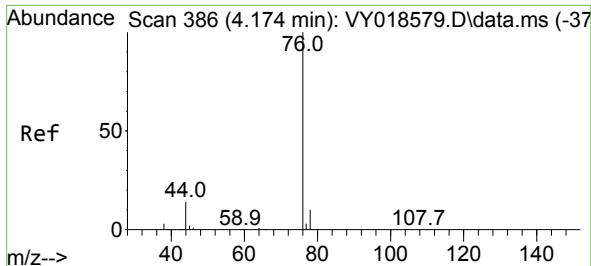


#16
Acetone
Concen: 292.628 ug/l
RT: 3.930 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07



Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.8	31.7	47.5

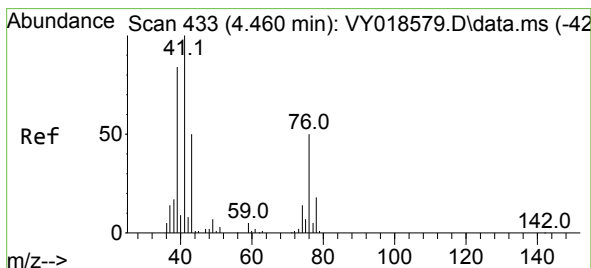
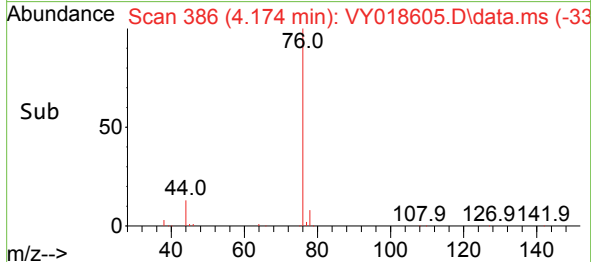
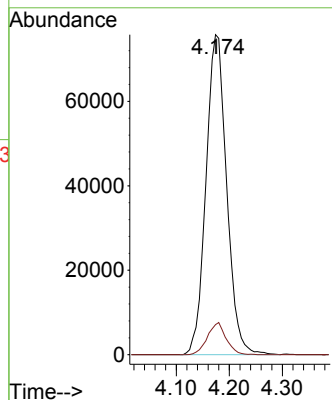
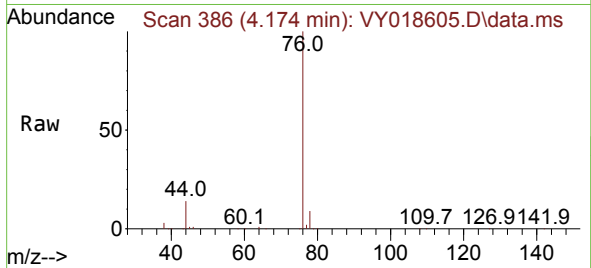




#17
Carbon Disulfide
Concen: 48.909 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

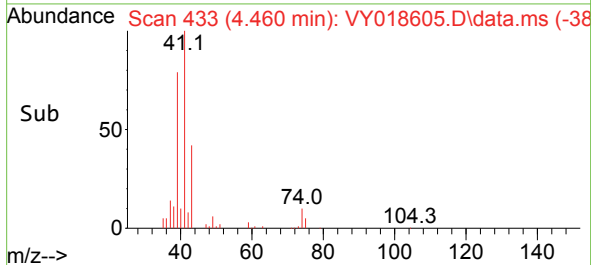
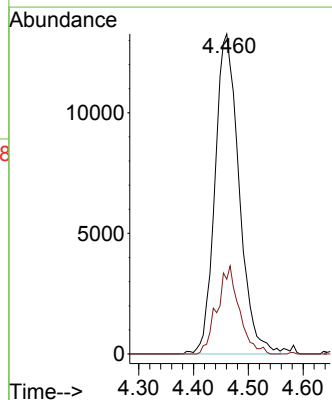
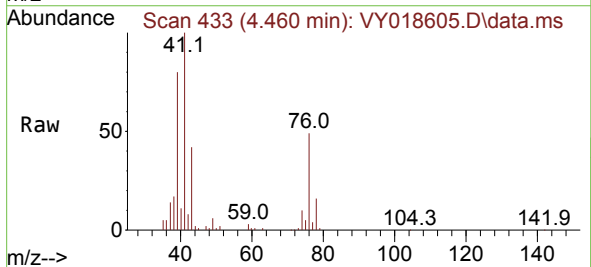
Instrument :
MSVOA_Y
ClientSampleId :

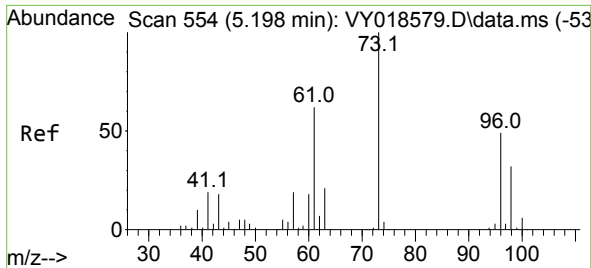
Tgt Ion: 76 Resp: 205595
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 53.412 ug/l
RT: 4.460 min Scan# 433
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

Tgt Ion: 43 Resp: 40537
Ion Ratio Lower Upper
43 100
74 25.1 23.3 34.9

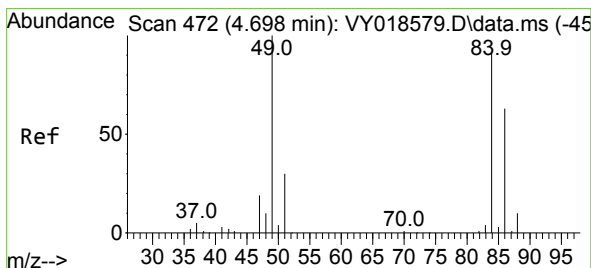
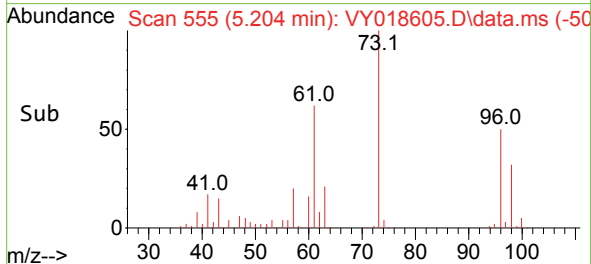
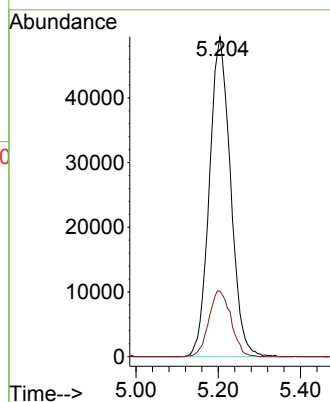
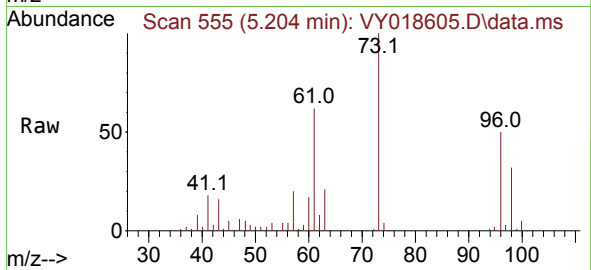




#19
Methyl tert-butyl Ether
Concen: 47.669 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

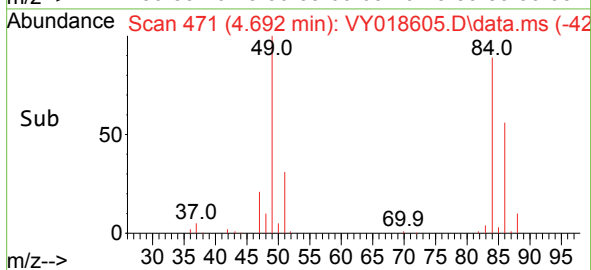
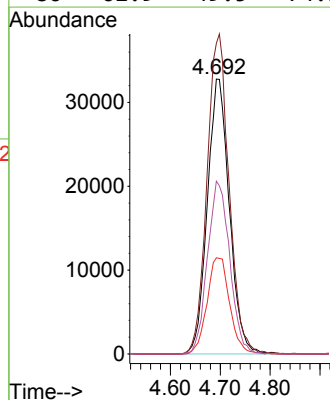
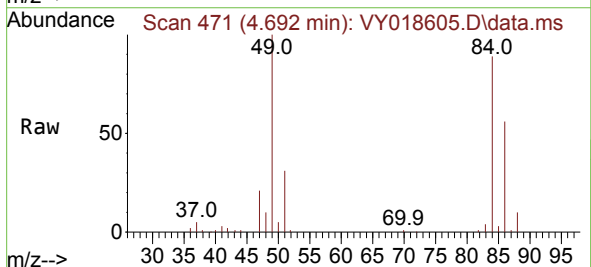
Instrument :
MSVOA_Y
ClientSampleId :

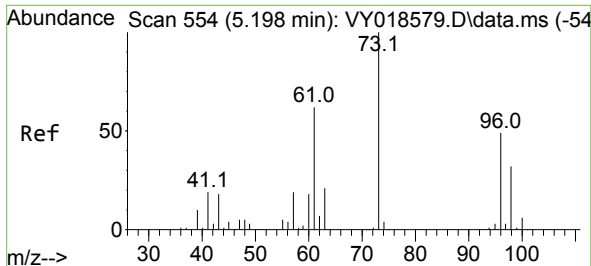
Tgt Ion: 73 Resp: 176435
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9



#20
Methylene Chloride
Concen: 55.618 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

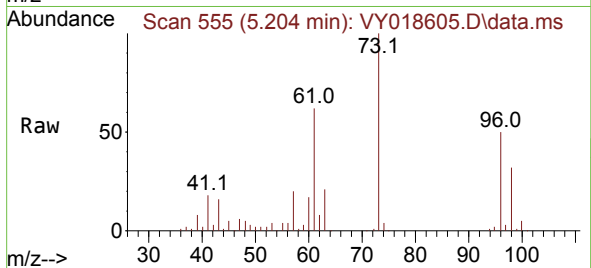
Tgt Ion: 84 Resp: 100704
Ion Ratio Lower Upper
84 100
49 113.0 84.4 126.6
51 35.0 26.0 39.0
86 62.9 49.5 74.3



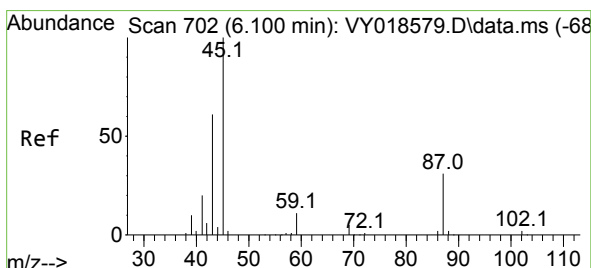
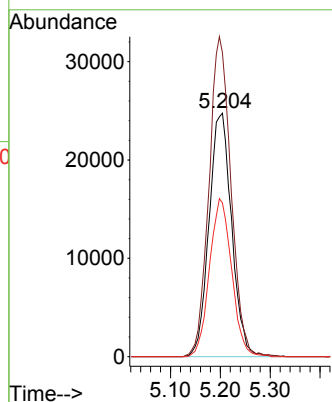
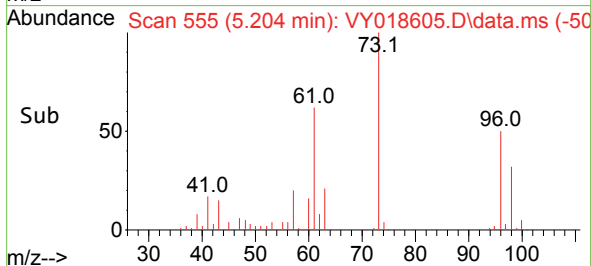


#21
trans-1,2-Dichloroethene
Concen: 49.351 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

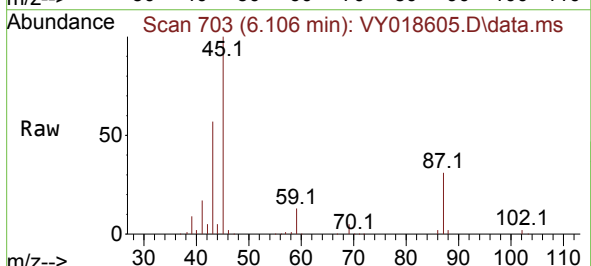
Instrument :
MSVOA_Y
ClientSampleId :



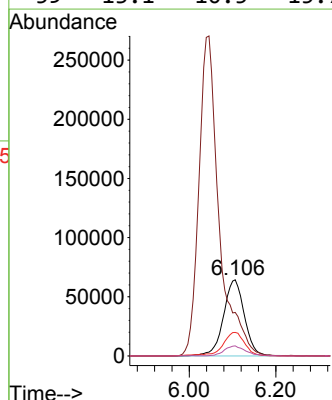
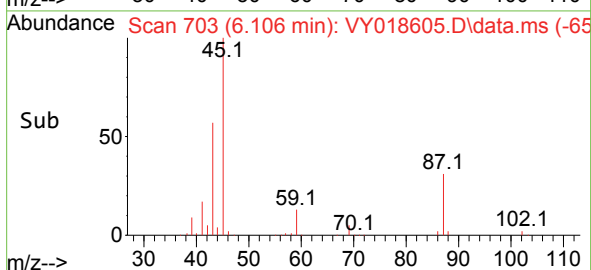
Tgt Ion: 96 Resp: 77949
Ion Ratio Lower Upper
96 100
61 124.7 97.5 146.3
98 63.1 50.5 75.7

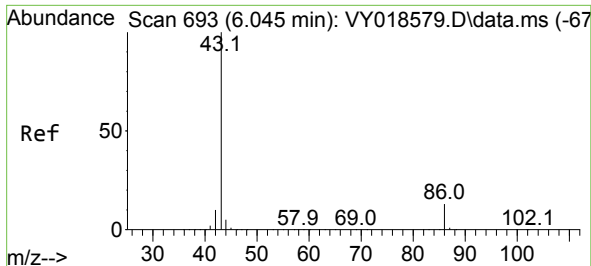


#22
Diisopropyl ether
Concen: 51.069 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07



Tgt Ion: 45 Resp: 215656
Ion Ratio Lower Upper
45 100
43 56.6 42.2 63.2
87 30.8 25.0 37.6
59 13.1 10.5 15.7

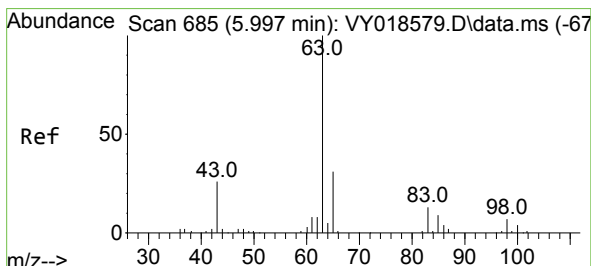
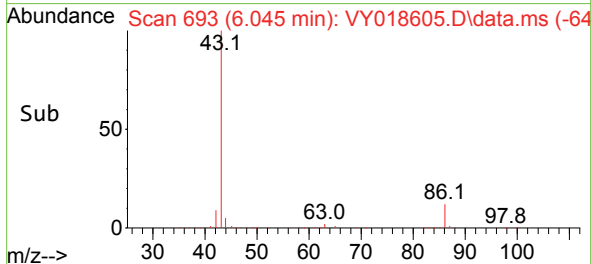
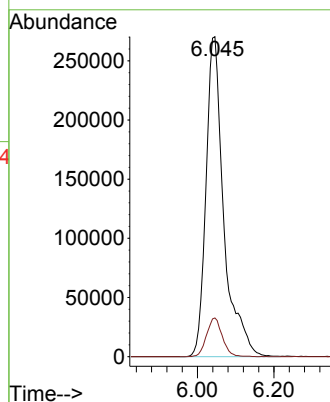
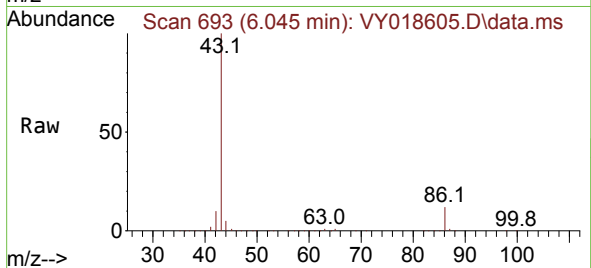




#23
 Vinyl Acetate
 Concen: 223.383 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY018605.D
 Acq: 17 Jun 2024 12:07

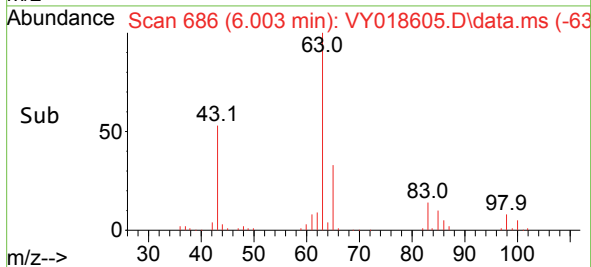
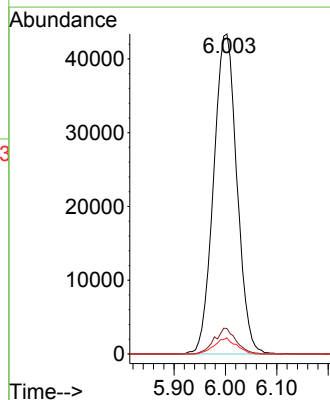
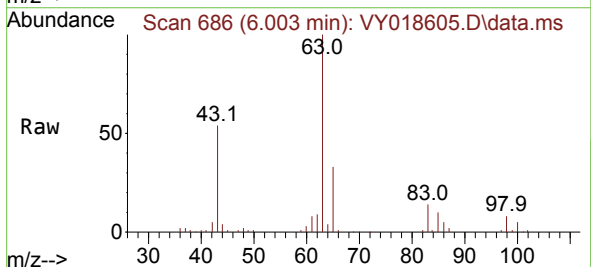
Instrument :
 MSVOA_Y
 ClientSampleId :

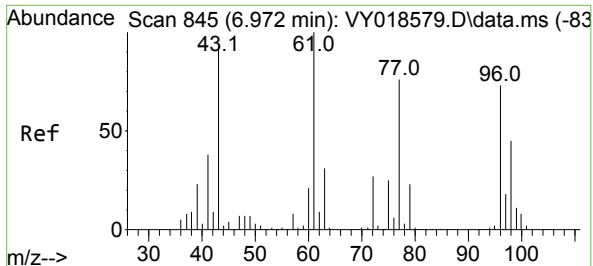
Tgt Ion: 43 Resp: 874510
 Ion Ratio Lower Upper
 43 100
 86 12.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 50.122 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.006 min
 Lab File: VY018605.D
 Acq: 17 Jun 2024 12:07

Tgt Ion: 63 Resp: 136360
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.2
 100 5.0 2.6 8.0

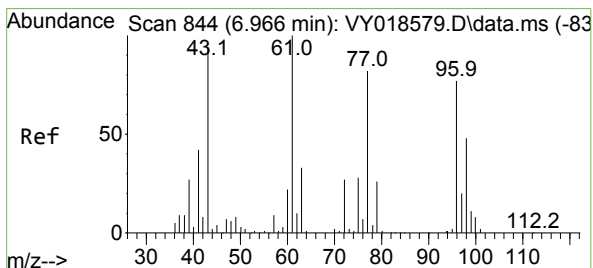
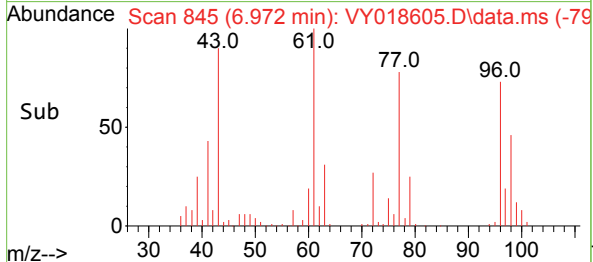
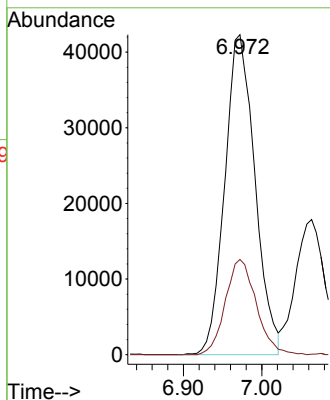
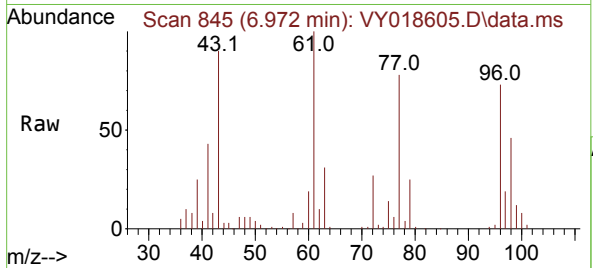




#25
2-Butanone
Concen: 252.888 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

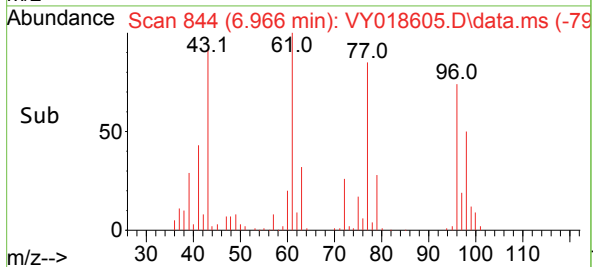
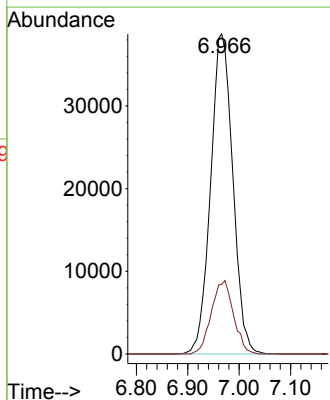
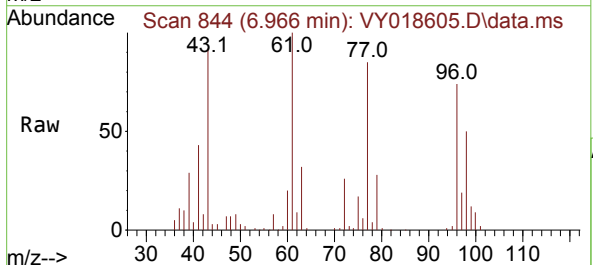
Instrument :
MSVOA_Y
ClientSampleId :

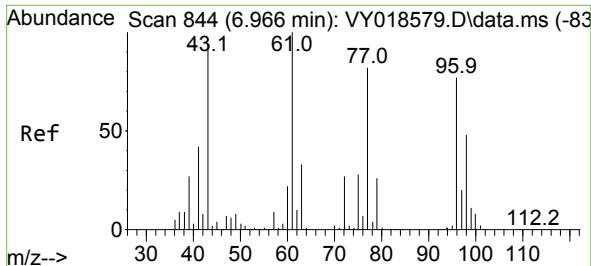
Tgt Ion: 43 Resp: 113422
Ion Ratio Lower Upper
43 100
72 29.8 27.3 40.9



#26
2,2-Dichloropropane
Concen: 50.616 ug/l
RT: 6.966 min Scan# 844
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

Tgt Ion: 77 Resp: 116016
Ion Ratio Lower Upper
77 100
97 22.9 12.0 36.1

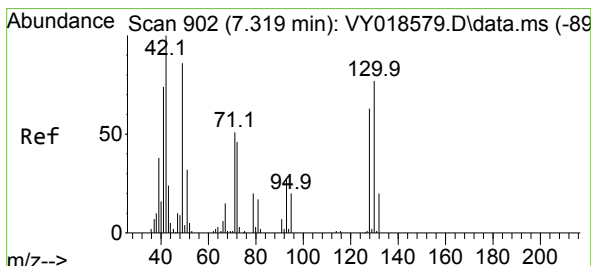
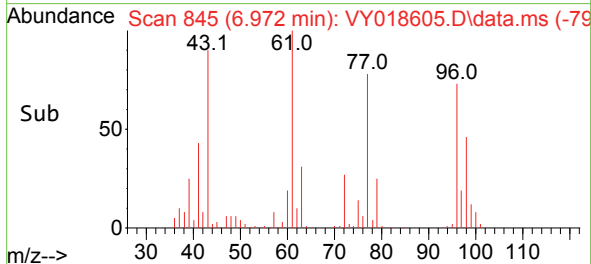
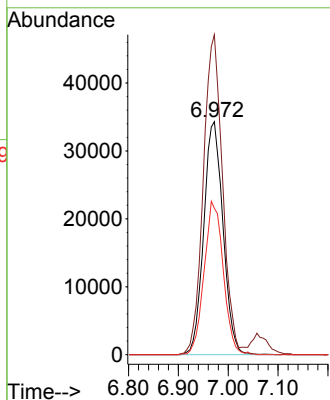
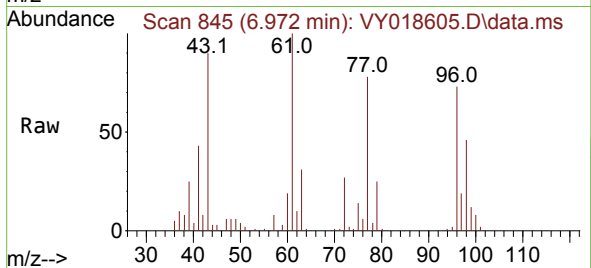




#27
 cis-1,2-Dichloroethene
 Concen: 48.272 ug/l
 RT: 6.972 min Scan# 844
 Delta R.T. 0.006 min
 Lab File: VY018605.D
 Acq: 17 Jun 2024 12:07

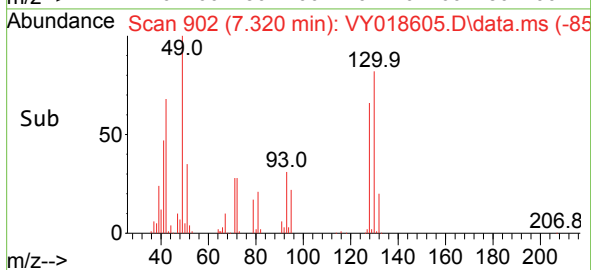
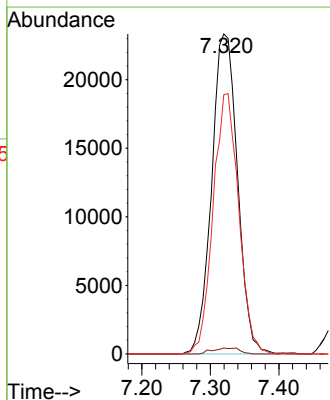
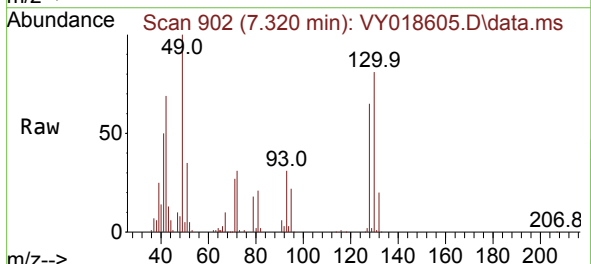
Instrument :
 MSVOA_Y
 ClientSampleId :

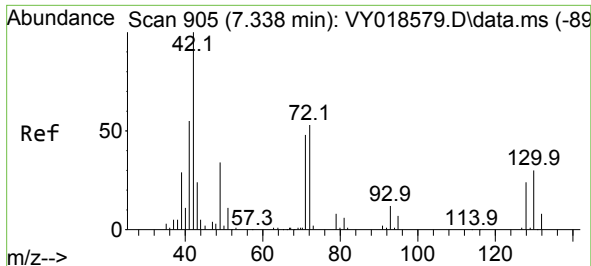
Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.1	0.0	256.2
98	65.5	0.0	130.0



#28
 Bromochloromethane
 Concen: 54.858 ug/l
 RT: 7.320 min Scan# 902
 Delta R.T. 0.000 min
 Lab File: VY018605.D
 Acq: 17 Jun 2024 12:07

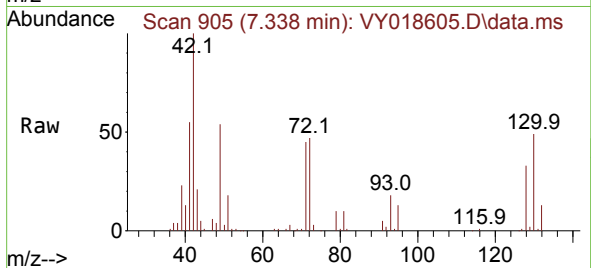
Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	80.3	72.7	109.1



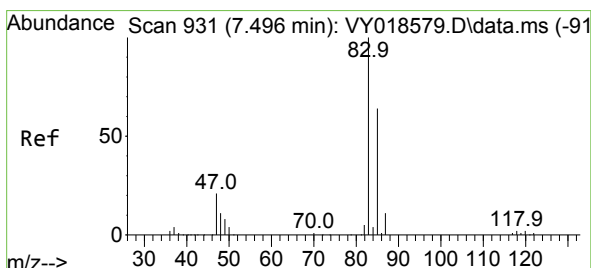
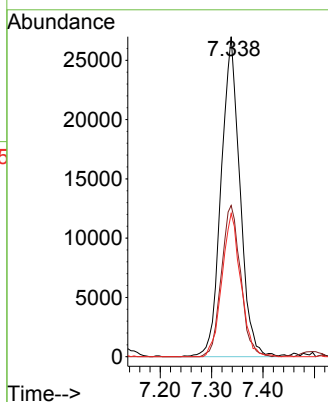
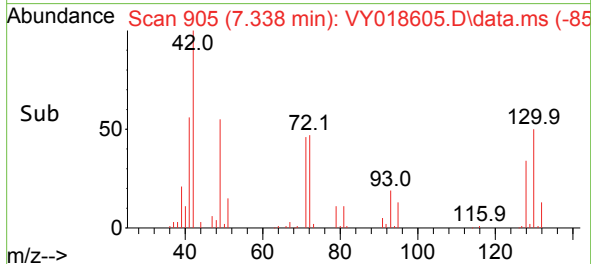


#29
Tetrahydrofuran
Concen: 249.092 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

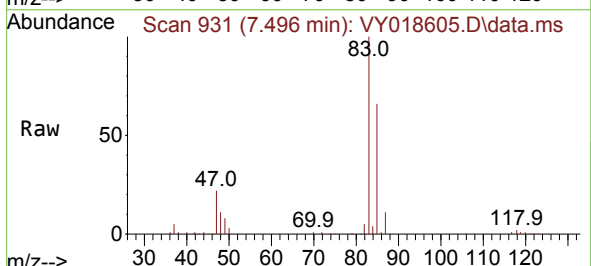
Instrument :
MSVOA_Y
ClientSampleId :



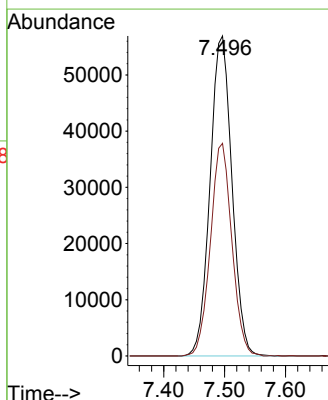
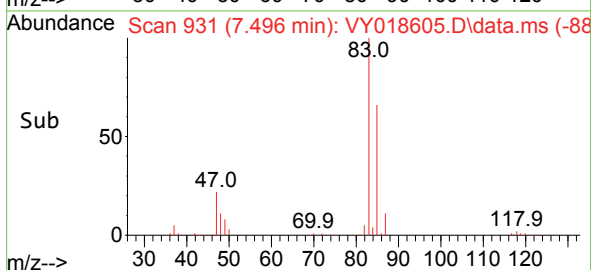
Tgt Ion: 42 Resp: 68560
Ion Ratio Lower Upper
42 100
72 48.1 43.0 64.4
71 44.8 40.8 61.2

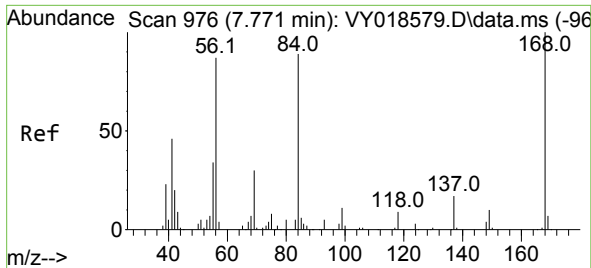


#30
Chloroform
Concen: 47.821 ug/l
RT: 7.496 min Scan# 931
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07



Tgt Ion: 83 Resp: 141784
Ion Ratio Lower Upper
83 100
85 66.5 52.2 78.4

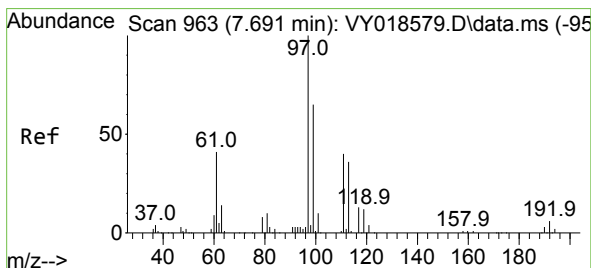
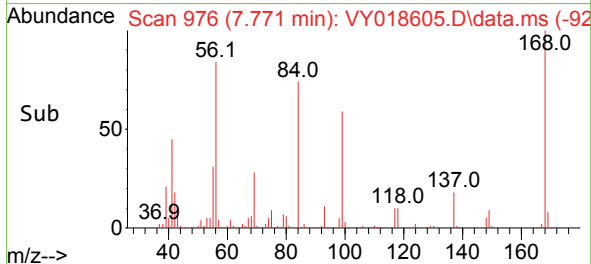
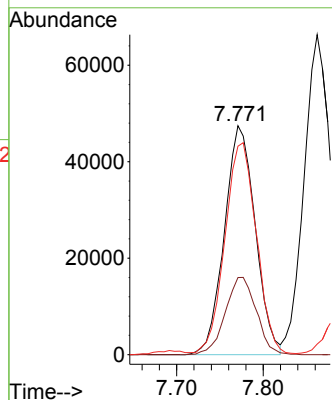
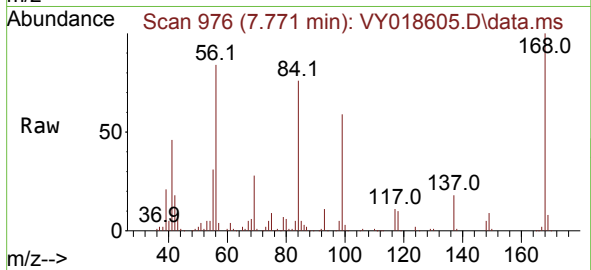




#31
Cyclohexane
Concen: 52.226 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

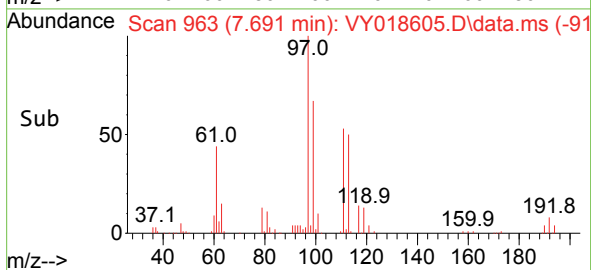
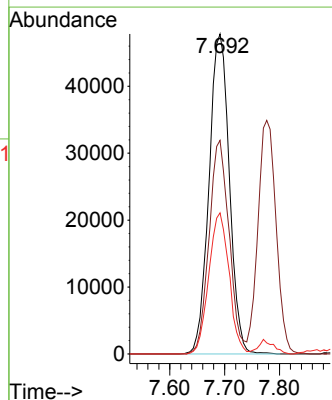
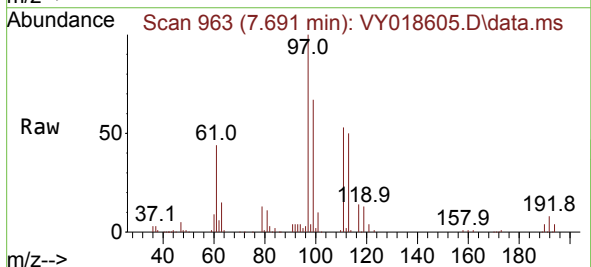
Instrument :
MSVOA_Y
ClientSampleId :

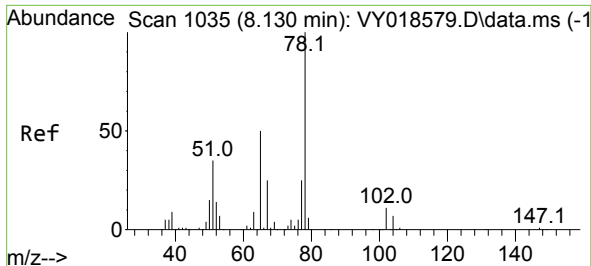
Tgt Ion: 56 Resp: 117654
Ion Ratio Lower Upper
56 100
69 33.7 28.7 43.1
84 89.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 48.860 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

Tgt Ion: 97 Resp: 123068
Ion Ratio Lower Upper
97 100
99 66.1 50.3 75.5
61 44.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 57.186 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Instrument :

MSVOA_Y

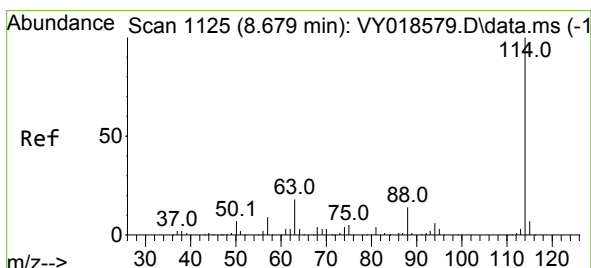
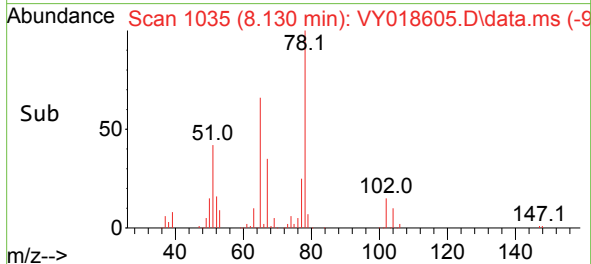
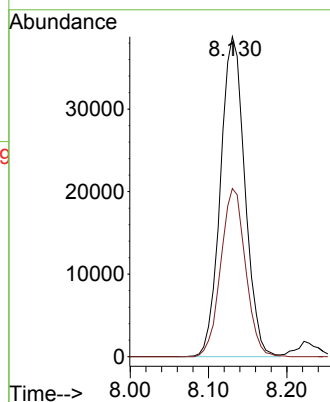
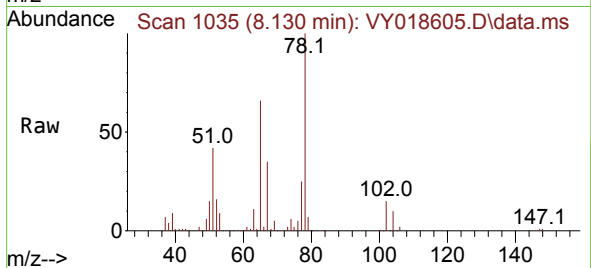
ClientSampleId :

Tgt Ion: 65 Resp: 84102

Ion Ratio Lower Upper

65 100

67 53.2 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: VY018605.D

Acq: 17 Jun 2024 12:07

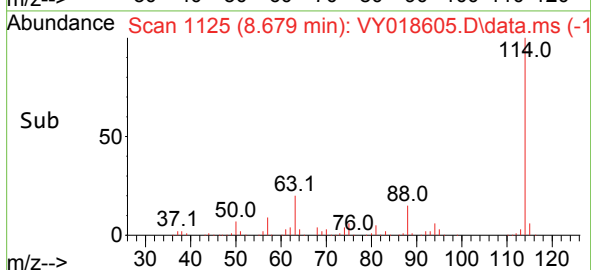
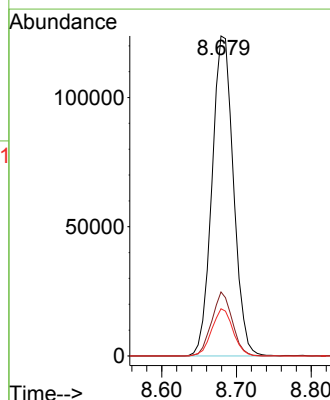
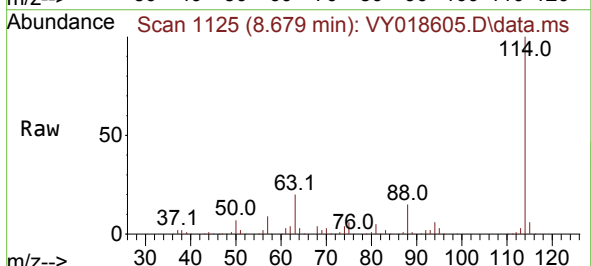
Tgt Ion:114 Resp: 246968

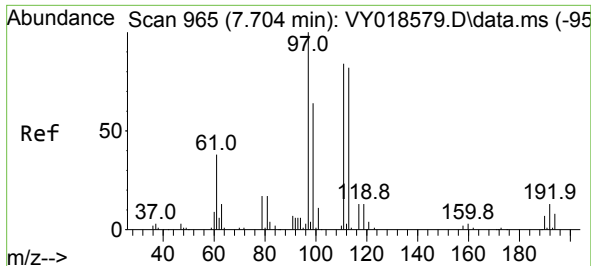
Ion Ratio Lower Upper

114 100

63 20.0 0.0 35.0

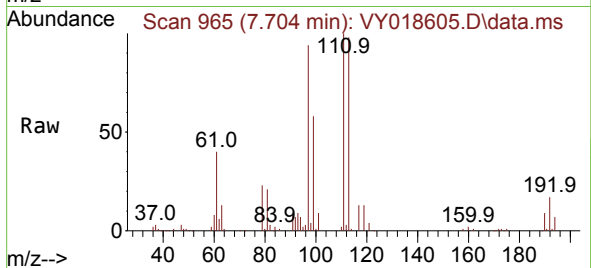
88 14.7 0.0 27.2



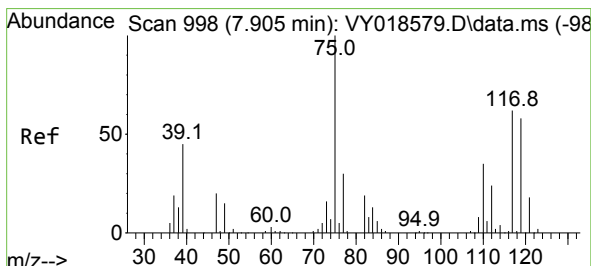
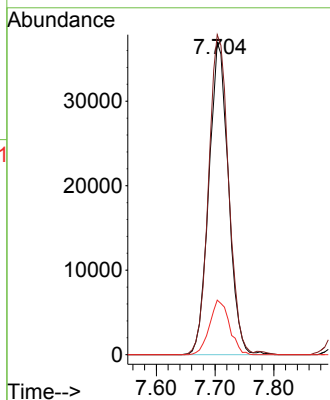
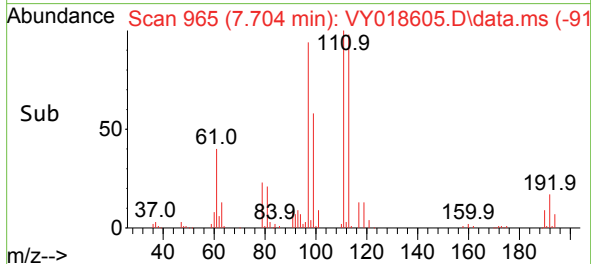


#35
Dibromofluoromethane
Concen: 56.778 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

Instrument :
MSVOA_Y
ClientSampleId :

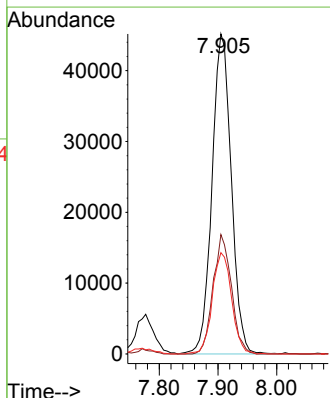
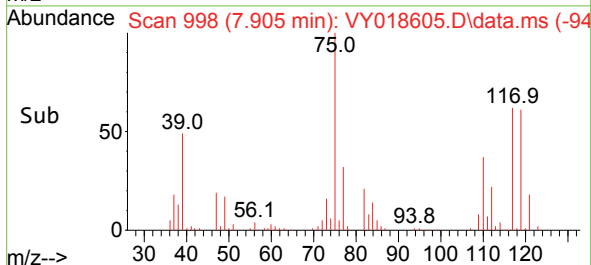
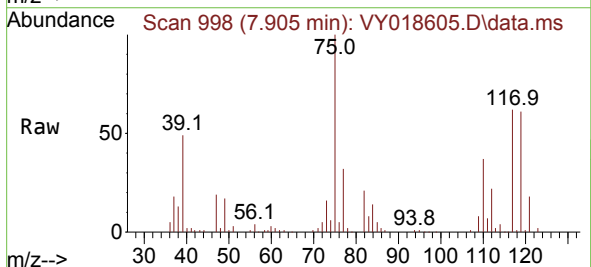


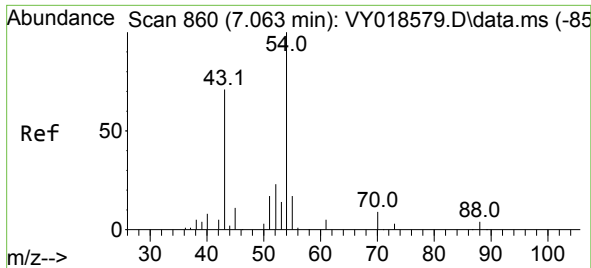
Tgt Ion:113 Resp: 85539
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.4
192 17.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 49.821 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

Tgt Ion: 75 Resp: 103315
Ion Ratio Lower Upper
75 100
110 35.4 19.0 57.0
77 31.7 25.3 37.9

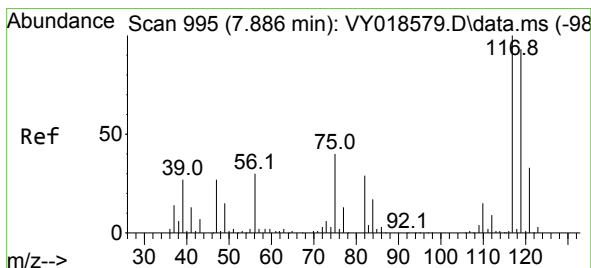
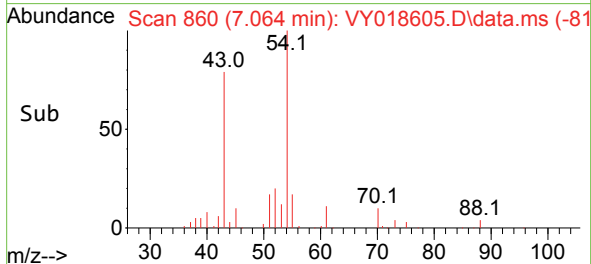
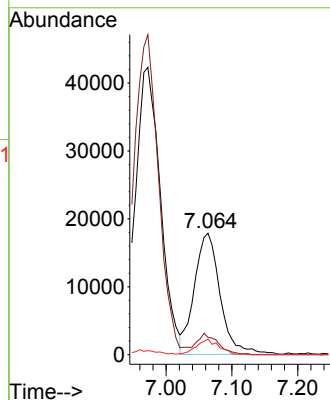
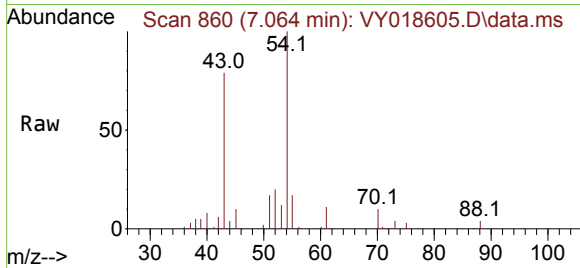




#37
Ethyl Acetate
Concen: 49.727 ug/l
RT: 7.064 min Scan# 860
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

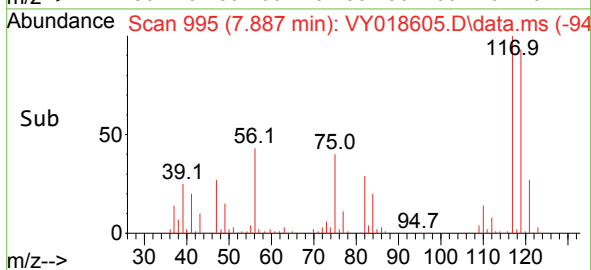
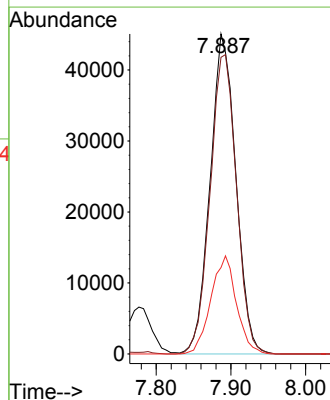
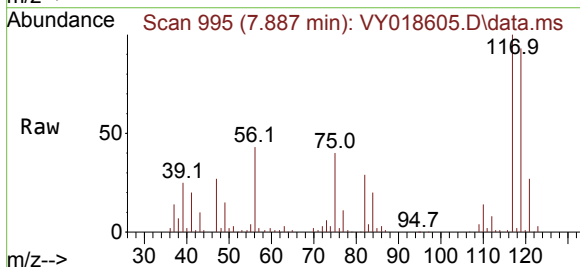
Instrument :
MSVOA_Y
ClientSampleId :

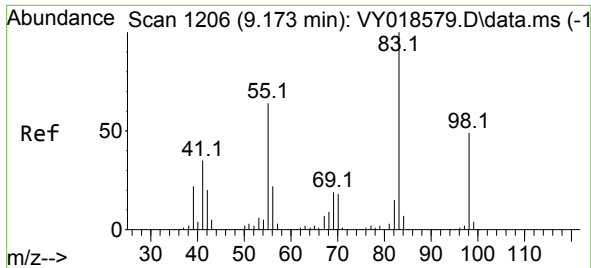
Tgt Ion: 43	Resp: 48611
Ion Ratio	Lower Upper
43 100	
61 14.7	12.6 19.0
70 11.1	7.8 11.8



#38
Carbon Tetrachloride
Concen: 49.642 ug/l
RT: 7.887 min Scan# 995
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

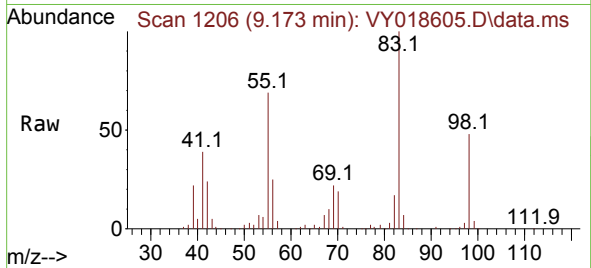
Tgt Ion:117	Resp:	108001	
Ion	Ratio	Lower	Upper
117	100		
119	92.7	75.8	113.6
121	27.0	24.0	36.0



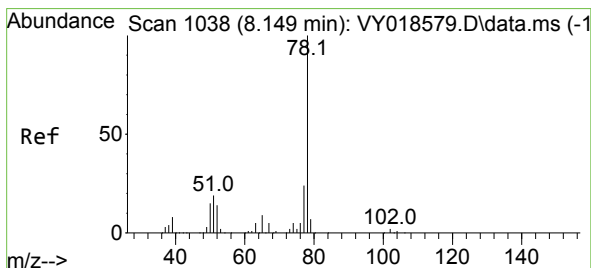
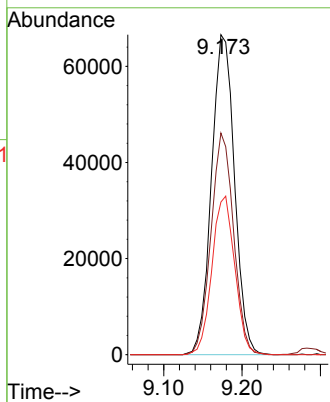
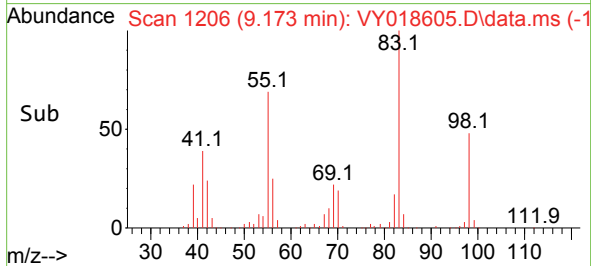


#39
Methylcyclohexane
Concen: 53.528 ug/l
RT: 9.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

Instrument :
MSVOA_Y
ClientSampleId :

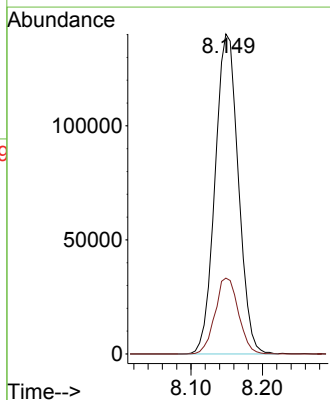
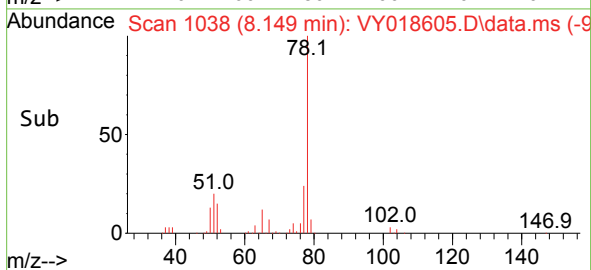
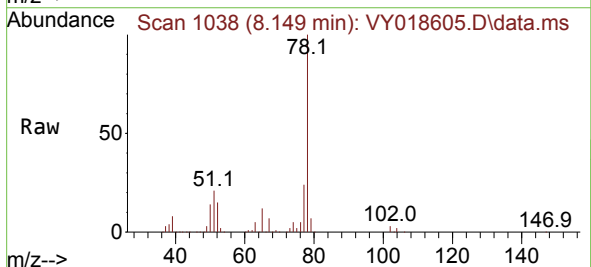


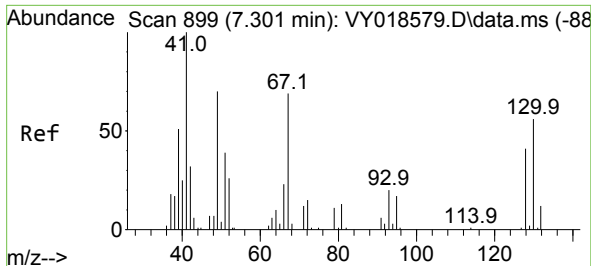
Tgt Ion: 83 Resp: 136010
Ion Ratio Lower Upper
83 100
55 69.2 51.5 77.3
98 47.7 40.5 60.7



#40
Benzene
Concen: 49.399 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

Tgt Ion: 78 Resp: 316813
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3

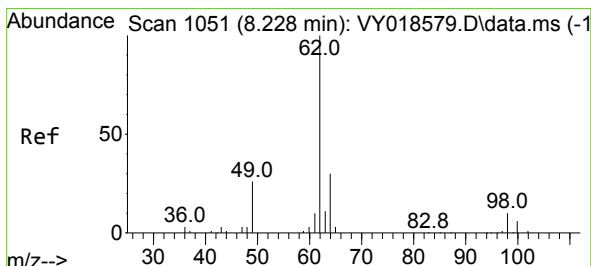
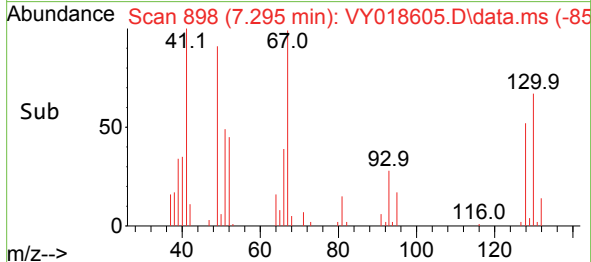
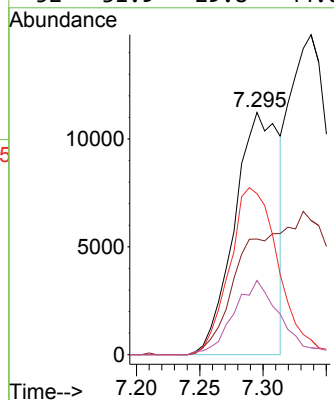
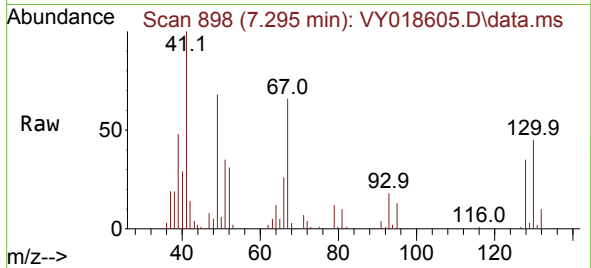




#41
Methacrylonitrile
Concen: 56.018 ug/l
RT: 7.295 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

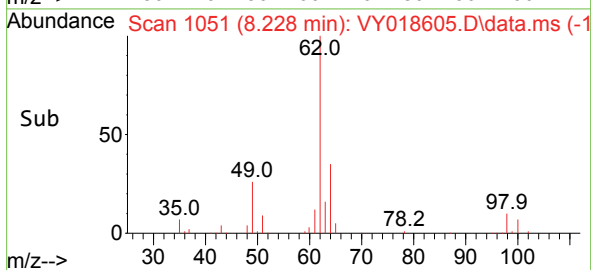
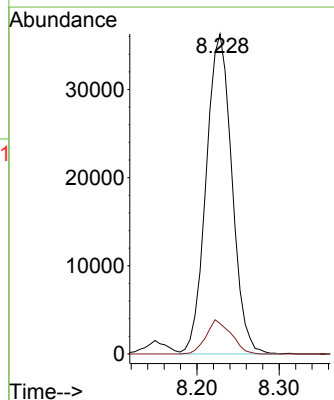
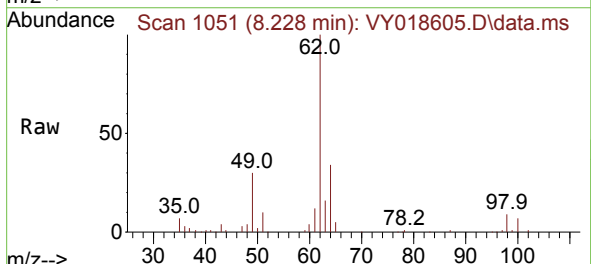
Instrument :
MSVOA_Y
ClientSampleId :

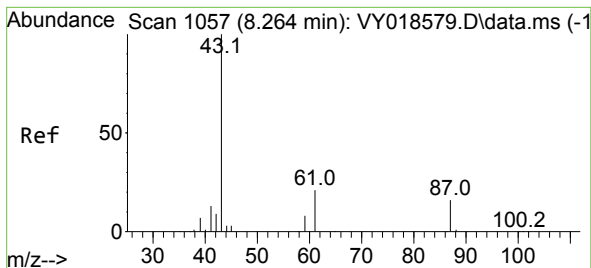
Tgt Ion: 41 Resp: 27542
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 75.4 75.1 112.7
52 31.9 29.8 44.6



#42
1,2-Dichloroethane
Concen: 47.250 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

Tgt Ion: 62 Resp: 79056
Ion Ratio Lower Upper
62 100
98 10.3 0.0 22.0





#43

Isopropyl Acetate

Concen: 51.185 ug/l

RT: 8.265 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

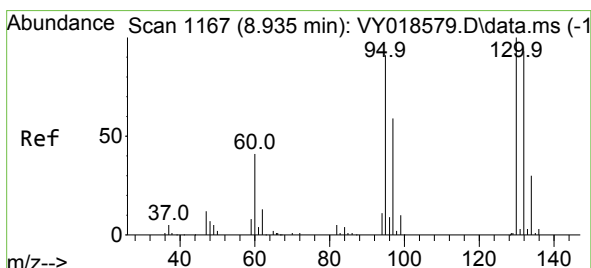
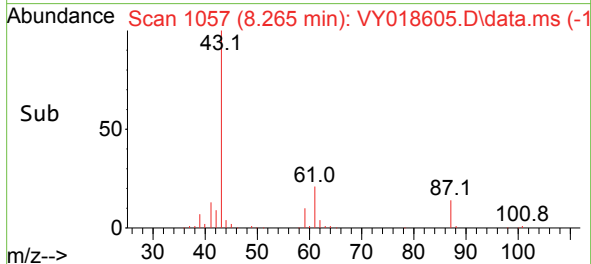
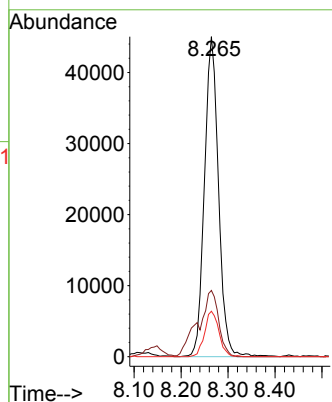
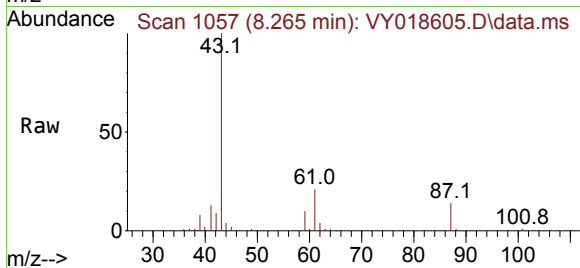
Tgt Ion: 43 Resp: 93390

Ion Ratio Lower Upper

43 100

61 30.2 27.9 41.9

87 14.4 13.1 19.7



#44

Trichloroethene

Concen: 47.570 ug/l

RT: 8.929 min Scan# 1166

Delta R.T. -0.006 min

Lab File: VY018605.D

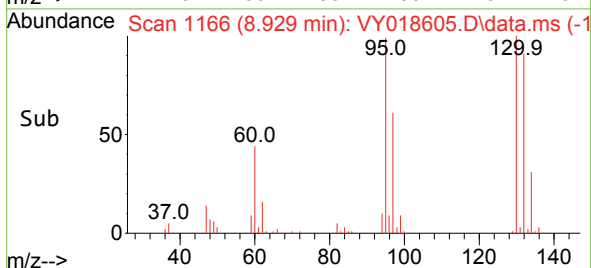
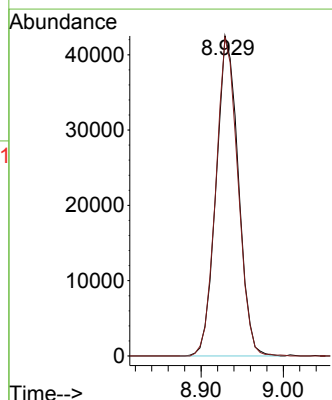
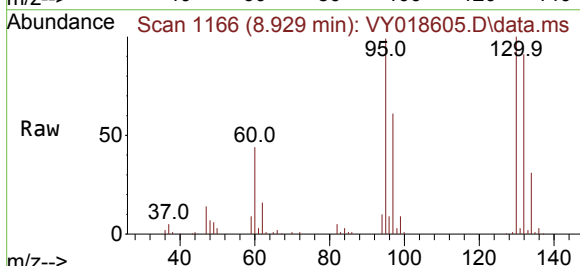
Acq: 17 Jun 2024 12:07

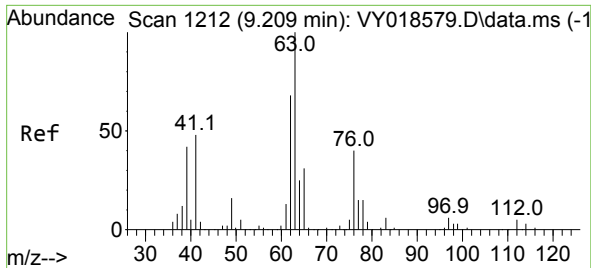
Tgt Ion:130 Resp: 79873

Ion Ratio Lower Upper

130 100

95 99.4 0.0 188.0

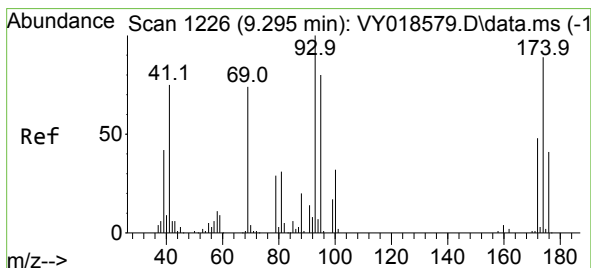
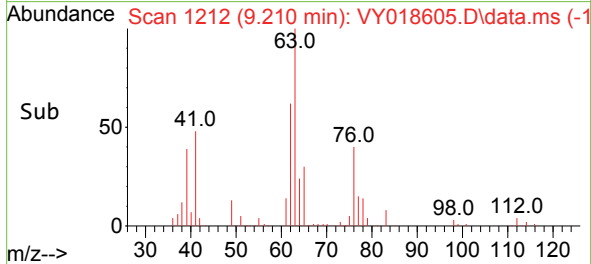
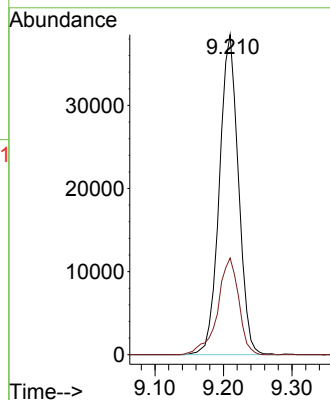
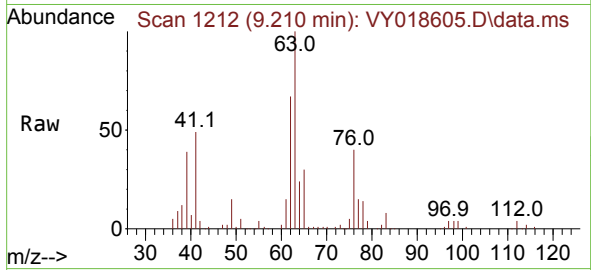




#45
1,2-Dichloropropane
Concen: 50.449 ug/l
RT: 9.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

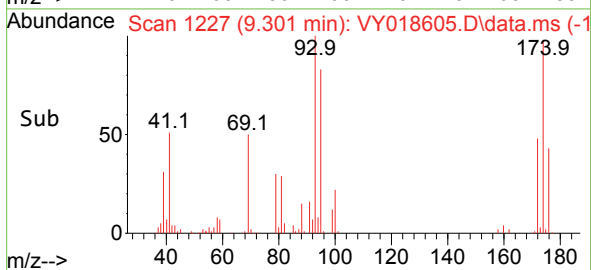
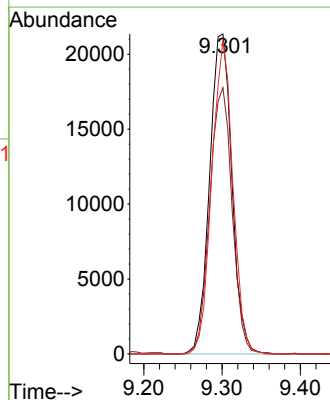
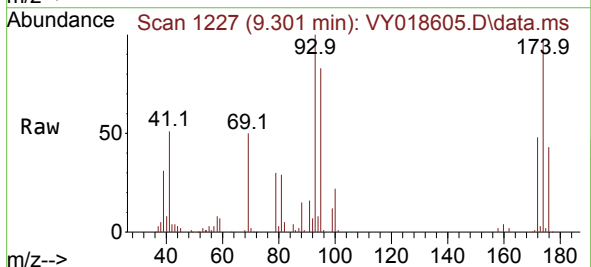
Instrument :
MSVOA_Y
ClientSampleId :

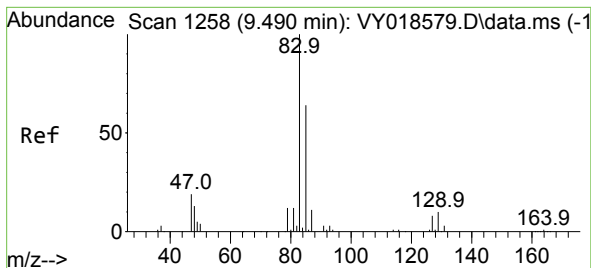
Tgt Ion: 63 Resp: 73981
Ion Ratio Lower Upper
63 100
65 30.2 25.4 38.2



#46
Dibromomethane
Concen: 46.433 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

Tgt Ion: 93 Resp: 42250
Ion Ratio Lower Upper
93 100
95 83.4 66.2 99.4
174 92.4 80.9 121.3





#47

Bromodichloromethane

Concen: 49.657 ug/l

RT: 9.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

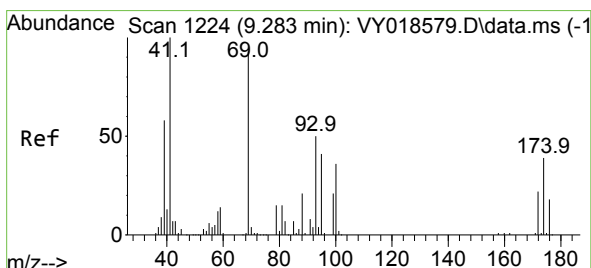
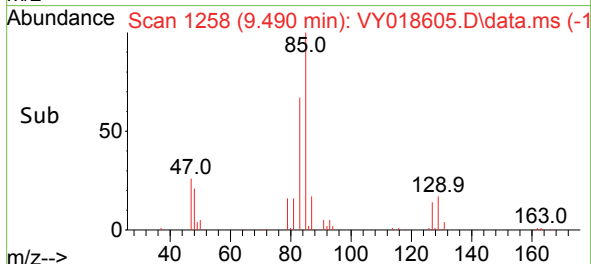
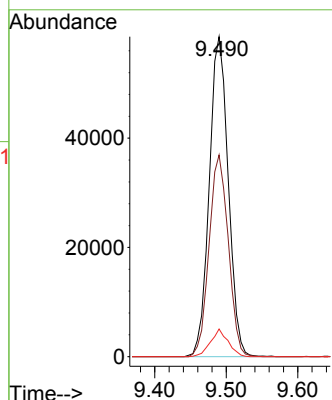
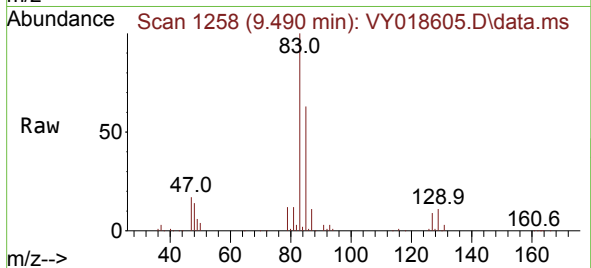
Tgt Ion: 83 Resp: 107842

Ion Ratio Lower Upper

83 100

85 63.1 50.1 75.1

127 8.7 7.4 11.0



#48

Methyl methacrylate

Concen: 51.195 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.006 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

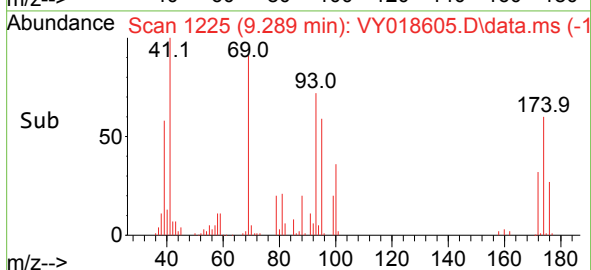
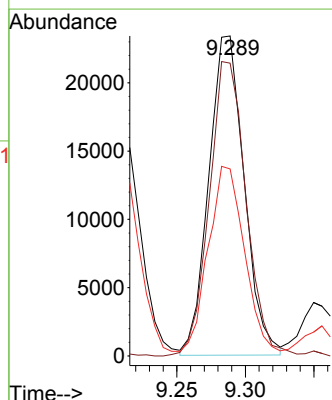
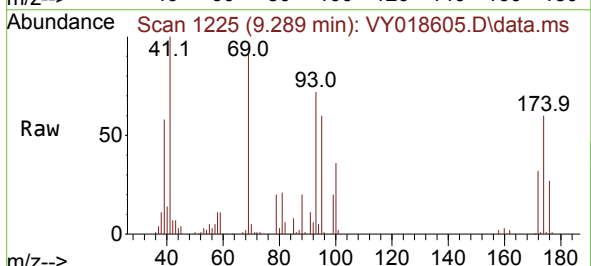
Tgt Ion: 41 Resp: 42052

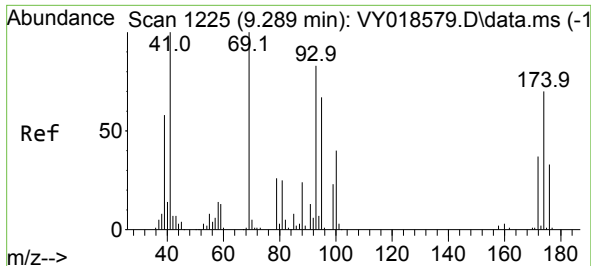
Ion Ratio Lower Upper

41 100

69 95.4 84.1 126.1

39 58.8 43.6 65.4





#49

1,4-Dioxane

Concen: 919.525 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

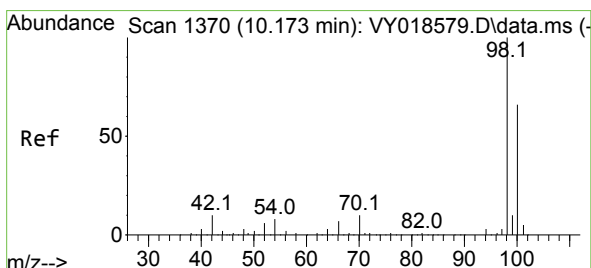
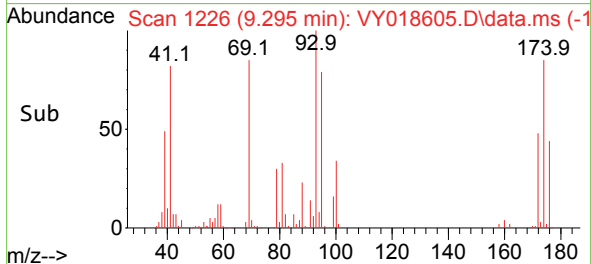
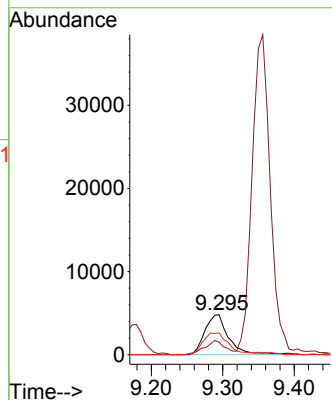
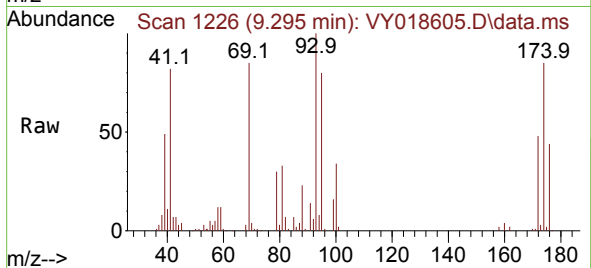
Tgt Ion: 88 Resp: 11004

Ion Ratio Lower Upper

88 100

43 31.0 0.0 0.0#

58 58.4 49.3 73.9



#50

Toluene-d8

Concen: 58.674 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018605.D

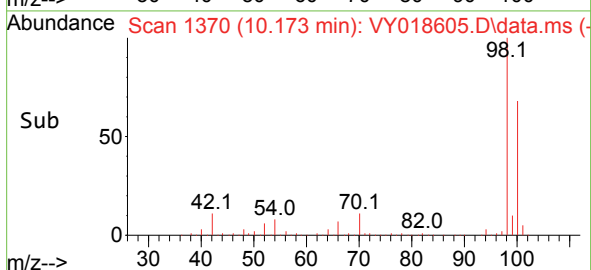
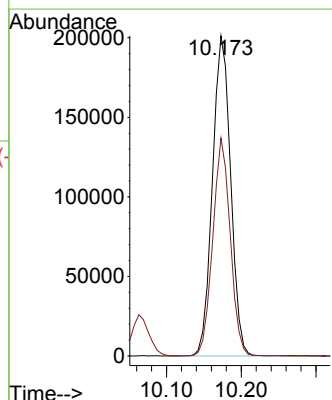
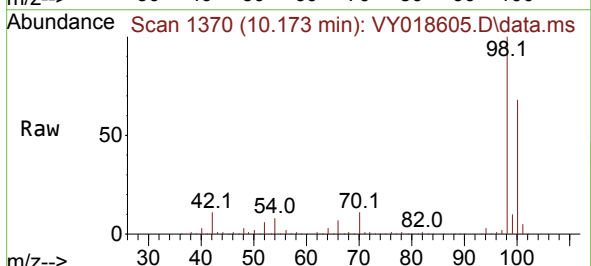
Acq: 17 Jun 2024 12:07

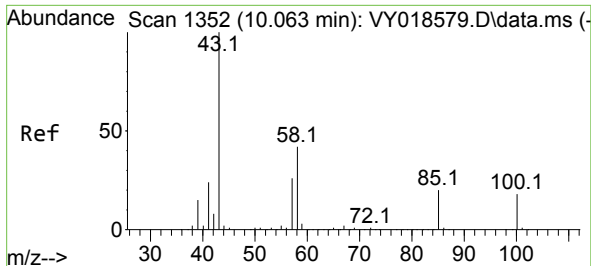
Tgt Ion: 98 Resp: 339936

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 245.771 ug/l

RT: 10.063 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Instrument :

MSVOA_Y

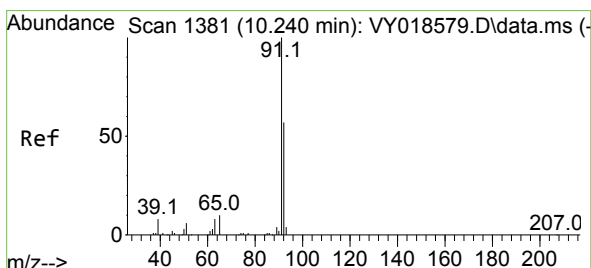
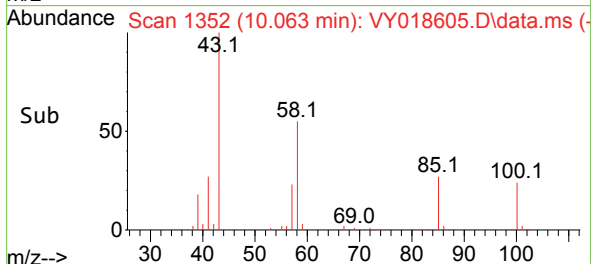
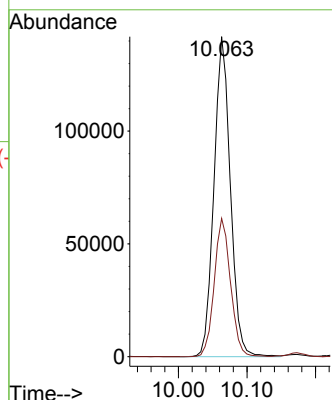
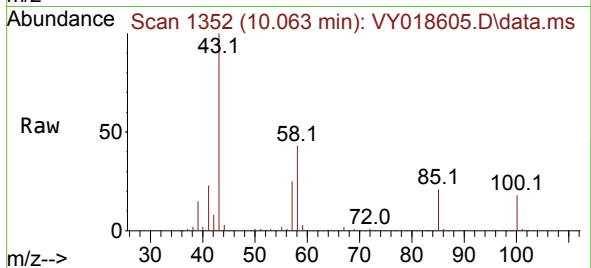
ClientSampleId :

Tgt Ion: 43 Resp: 236203

Ion Ratio Lower Upper

43 100

58 42.9 35.7 53.5



#52

Toluene

Concen: 49.822 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY018605.D

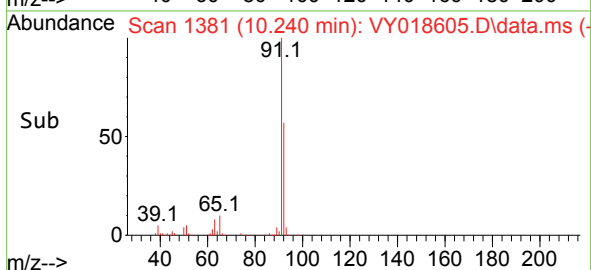
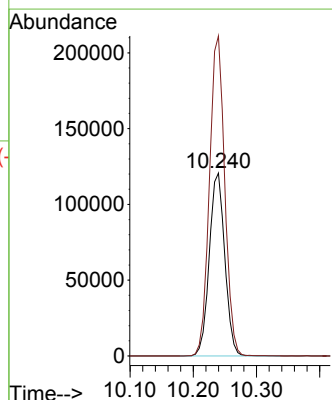
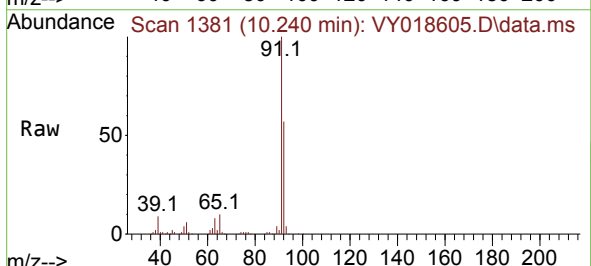
Acq: 17 Jun 2024 12:07

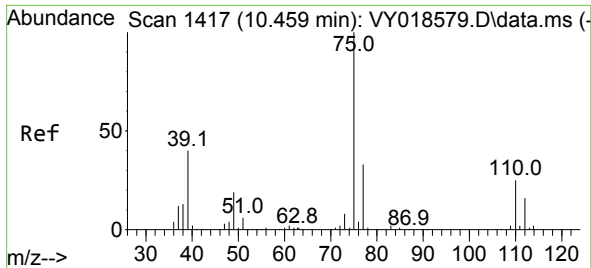
Tgt Ion: 92 Resp: 205147

Ion Ratio Lower Upper

92 100

91 172.8 139.0 208.6

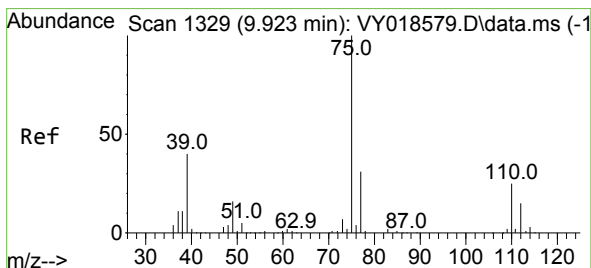
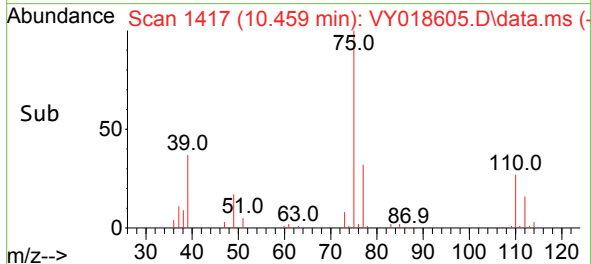
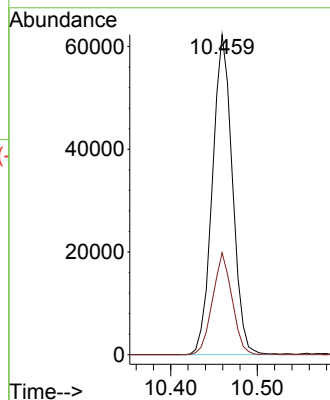
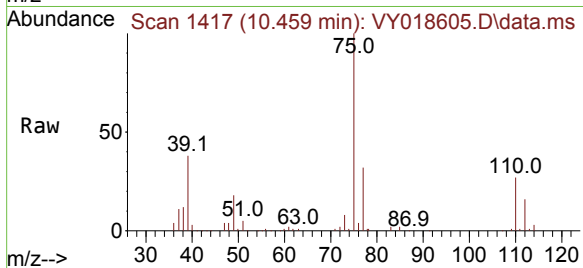




#53
 t-1,3-Dichloropropene
 Concen: 52.651 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018605.D
 Acq: 17 Jun 2024 12:07

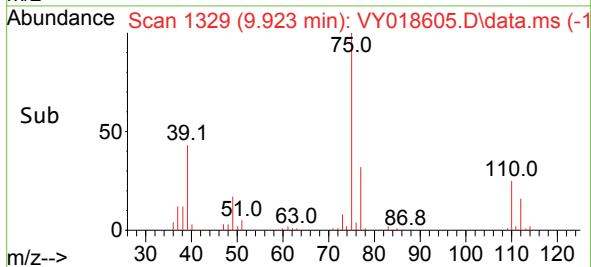
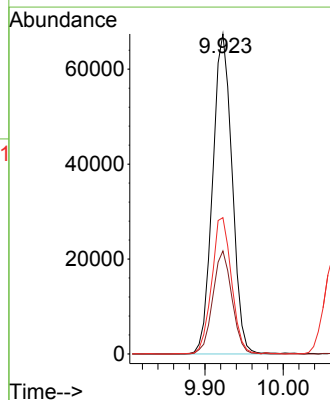
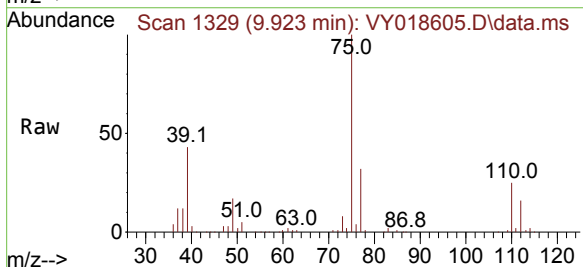
Instrument :
 MSVOA_Y
 ClientSampleId :

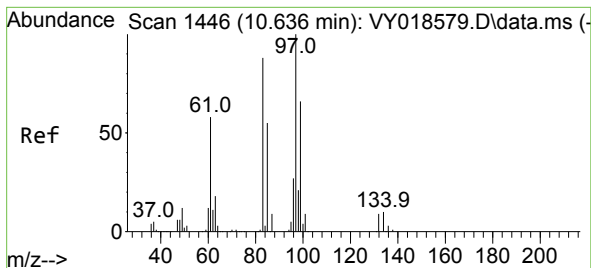
Tgt Ion: 75 Resp: 99924
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 50.776 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY018605.D
 Acq: 17 Jun 2024 12:07

Tgt Ion: 75 Resp: 116291
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0
 39 42.5 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 46.602 ug/l

RT: 10.636 min Scan# 1446

Delta R.T. 0.000 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 56400

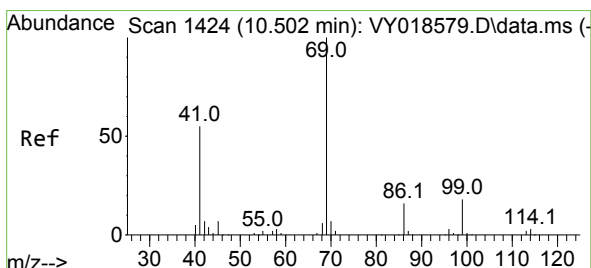
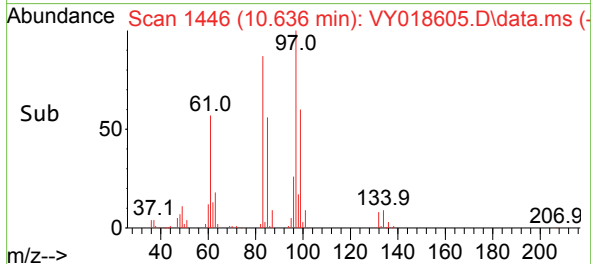
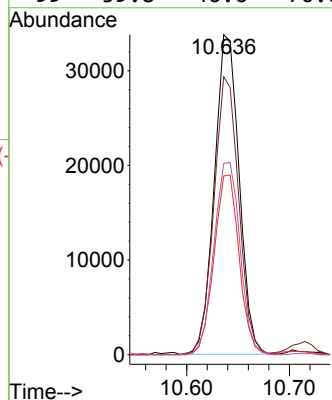
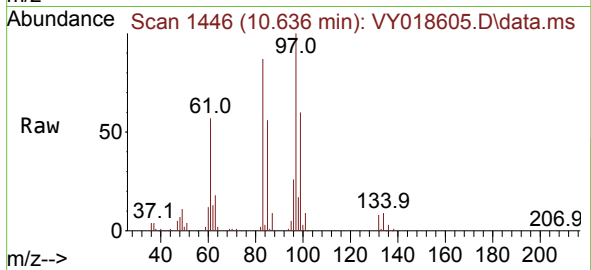
Ion Ratio Lower Upper

97 100

83 87.0 67.5 101.3

85 55.9 42.9 64.3

99 59.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 50.389 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. 0.000 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

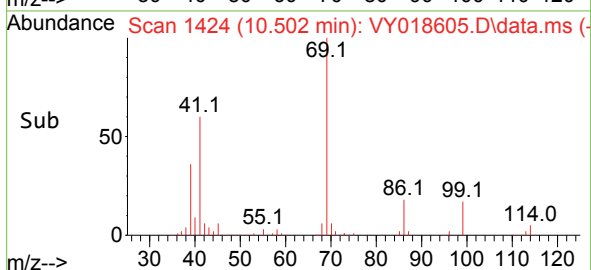
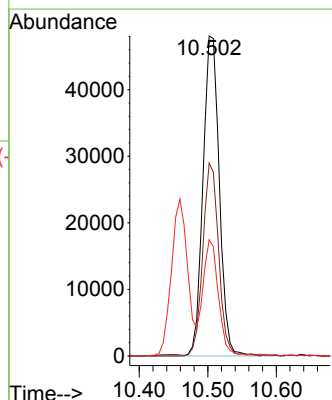
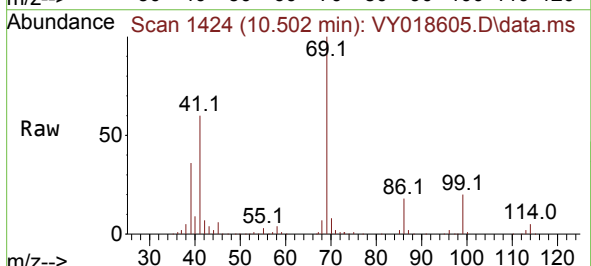
Tgt Ion: 69 Resp: 79801

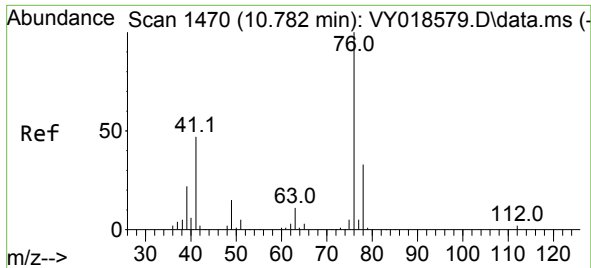
Ion Ratio Lower Upper

69 100

41 58.6 42.3 63.5

39 33.4 22.9 34.3

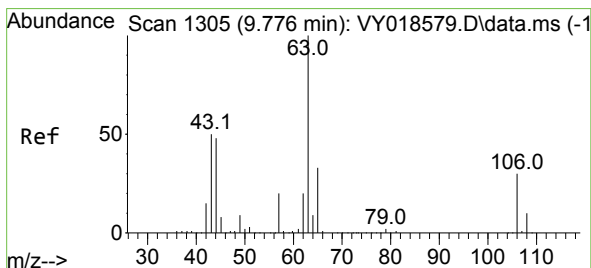
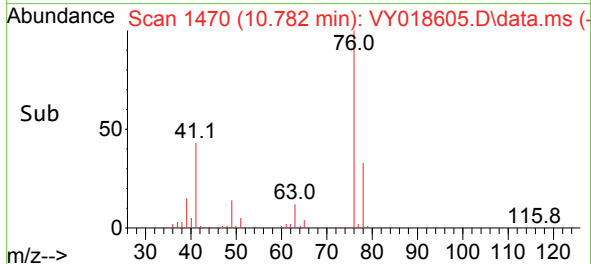
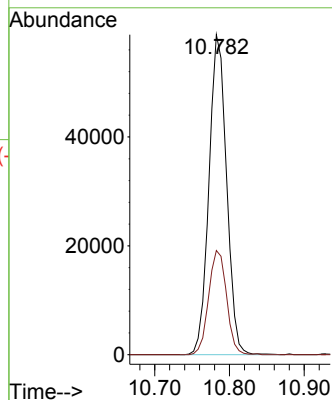
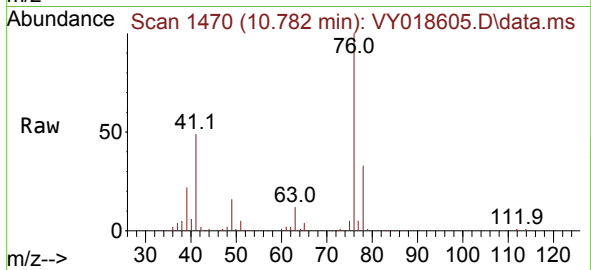




#57
1,3-Dichloropropane
Concen: 47.910 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

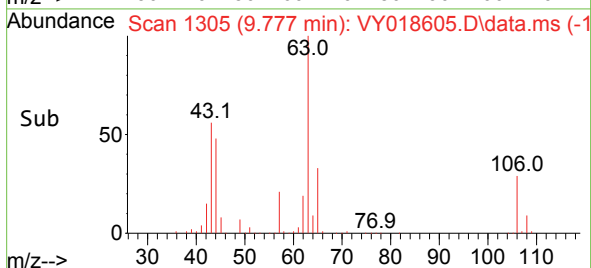
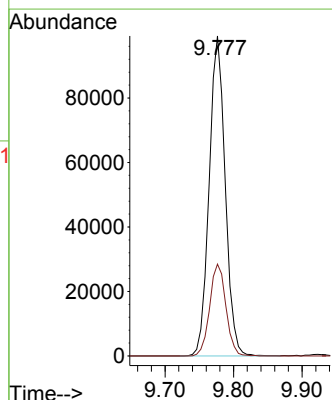
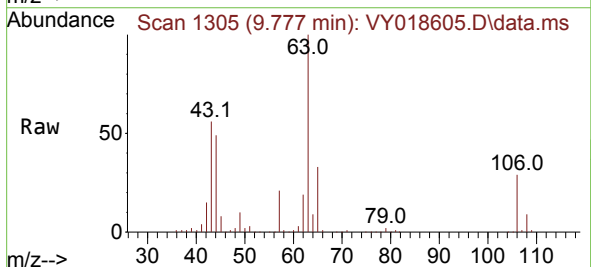
Instrument :
MSVOA_Y
ClientSampleId :

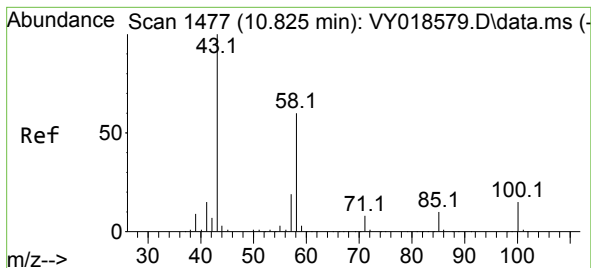
Tgt Ion	Ratio	Lower	Upper
76	100		
78	33.1	26.2	39.4



#58
2-Chloroethyl Vinyl ether
Concen: 211.518 ug/l
RT: 9.777 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.0	23.7	35.5

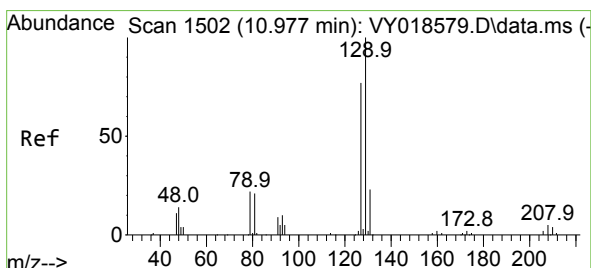
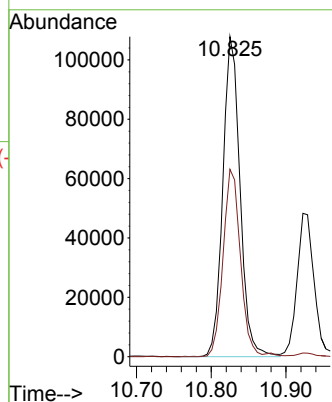
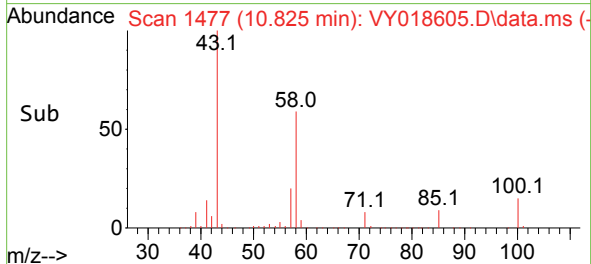
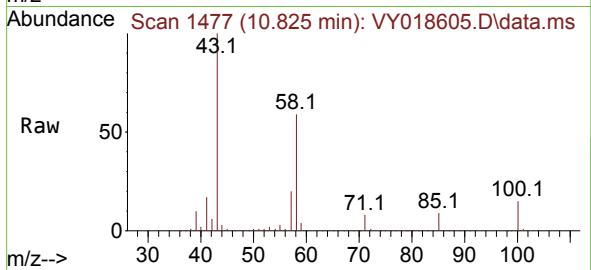




#59
2-Hexanone
Concen: 256.891 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

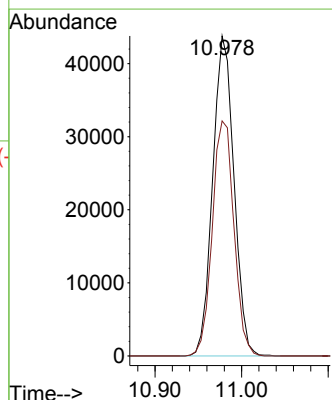
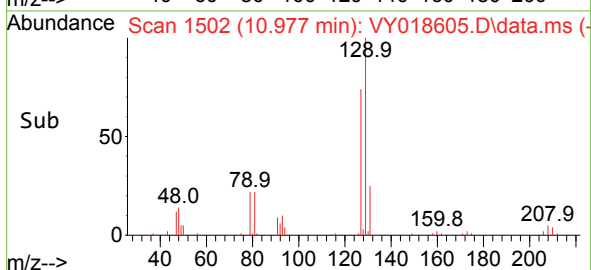
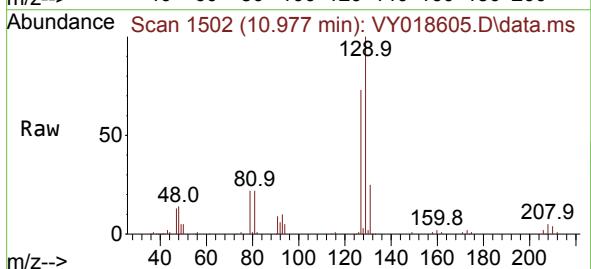
Instrument :
MSVOA_Y
ClientSampleId :

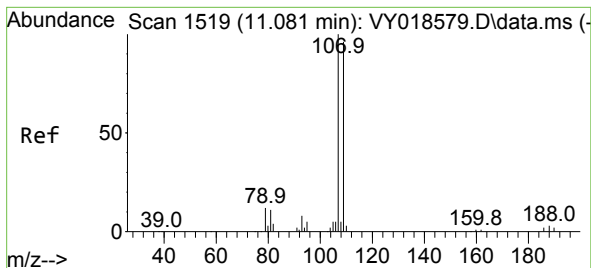
Tgt Ion: 43 Resp: 172938
Ion Ratio Lower Upper
43 100
58 59.4 31.4 94.0



#60
Dibromochloromethane
Concen: 49.655 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

Tgt Ion:129 Resp: 74653
Ion Ratio Lower Upper
129 100
127 74.8 39.0 117.0

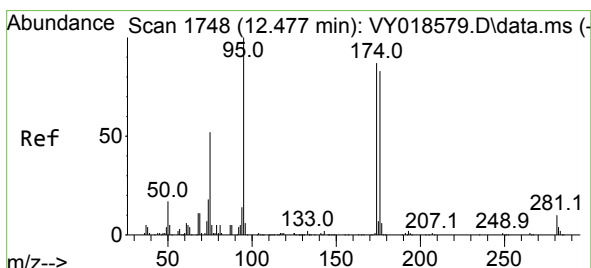
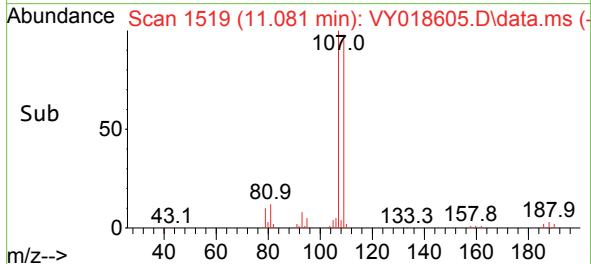
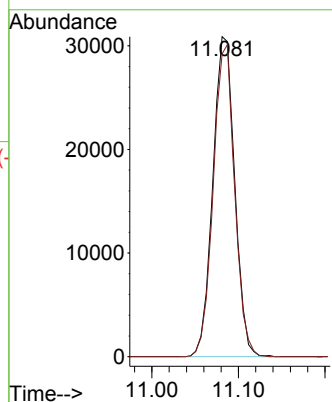
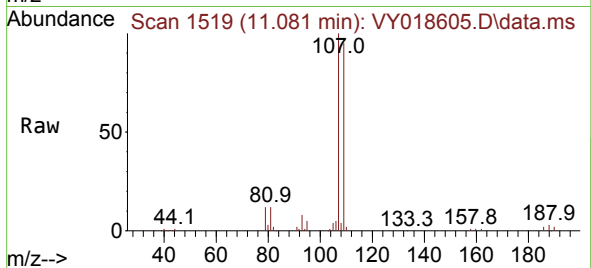




#61
1,2-Dibromoethane
Concen: 48.358 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

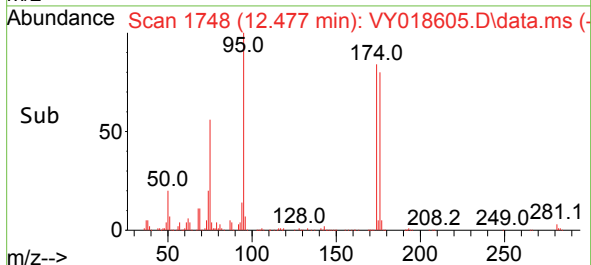
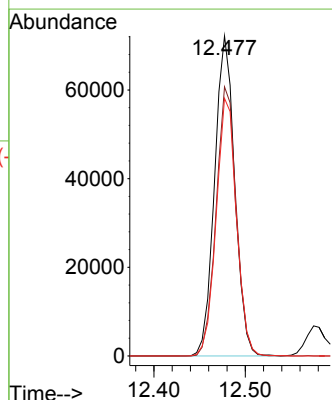
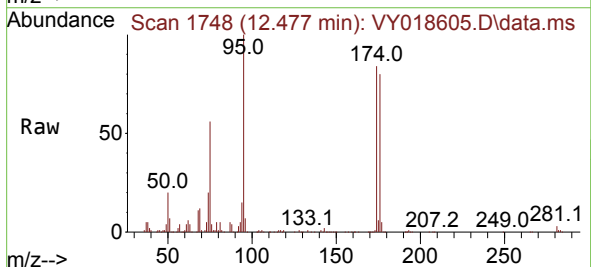
Instrument :
MSVOA_Y
ClientSampleId :

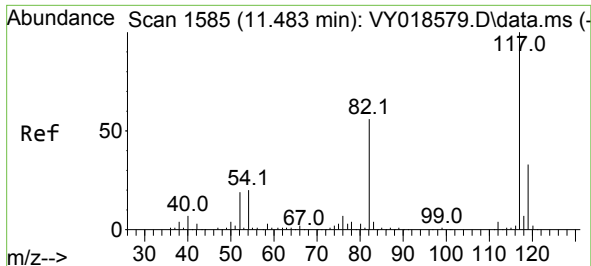
Tgt Ion:107 Resp: 54089
Ion Ratio Lower Upper
107 100
109 95.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 60.301 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

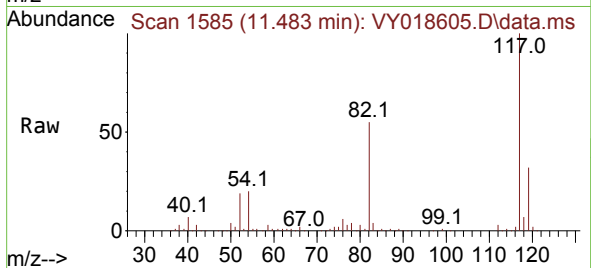
Tgt Ion: 95 Resp: 110319
Ion Ratio Lower Upper
95 100
174 84.6 0.0 175.6
176 81.1 0.0 171.4



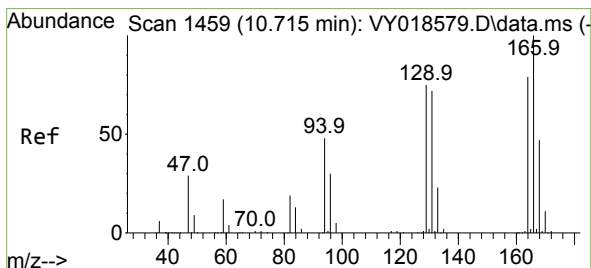
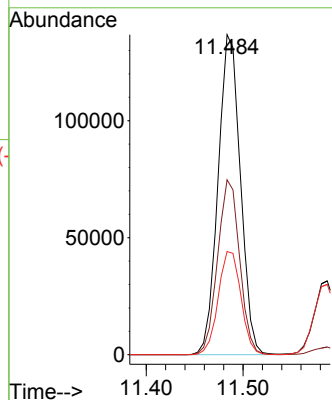
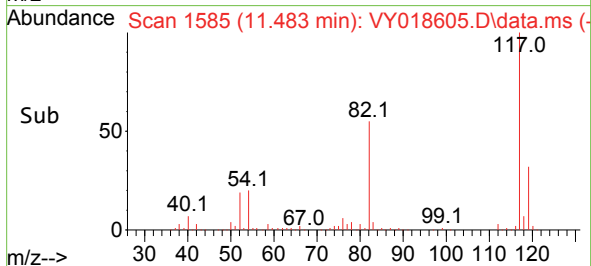


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

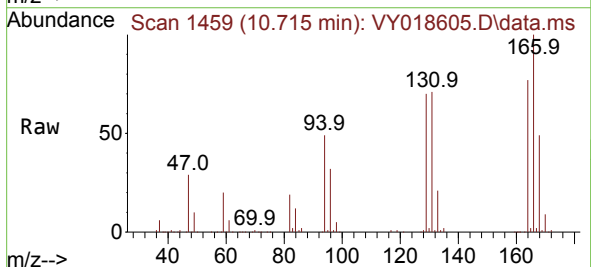
Instrument :
MSVOA_Y
ClientSampleId :



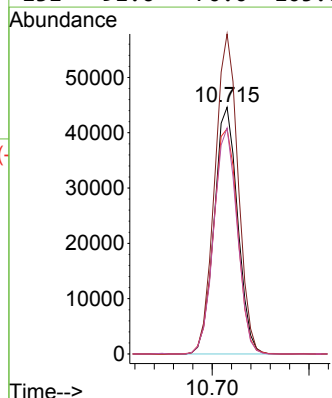
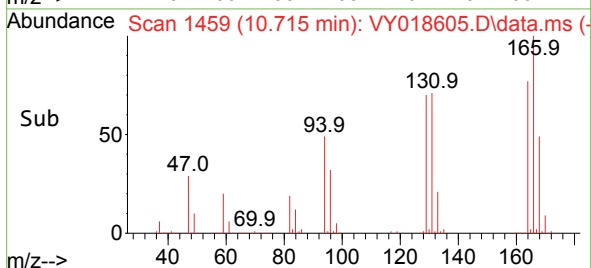
Tgt Ion:117 Resp: 219019
Ion Ratio Lower Upper
117 100
82 54.7 42.4 63.6
119 32.3 25.9 38.9

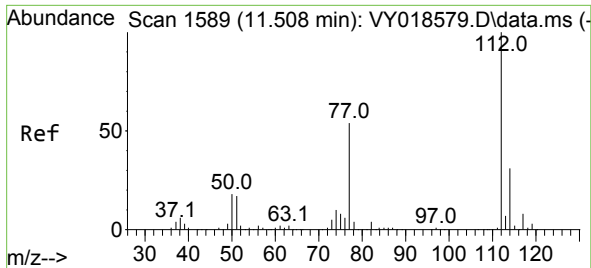


#64
Tetrachloroethene
Concen: 48.075 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07



Tgt Ion:164 Resp: 75100
Ion Ratio Lower Upper
164 100
166 129.7 102.6 154.0
129 91.3 72.0 108.0
131 91.6 70.0 105.0

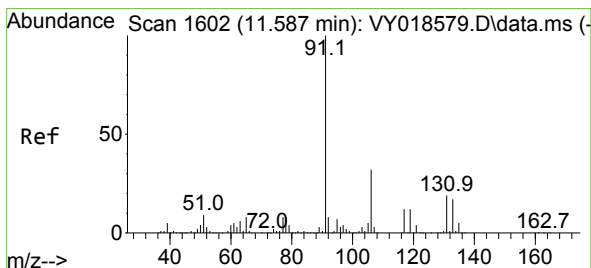
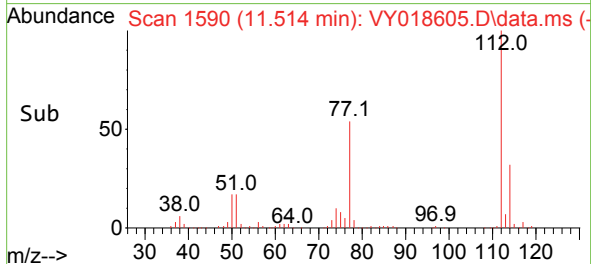
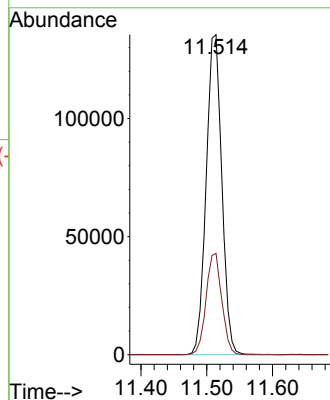
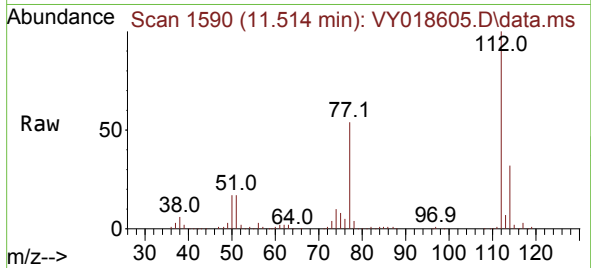




#65
Chlorobenzene
Concen: 49.521 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

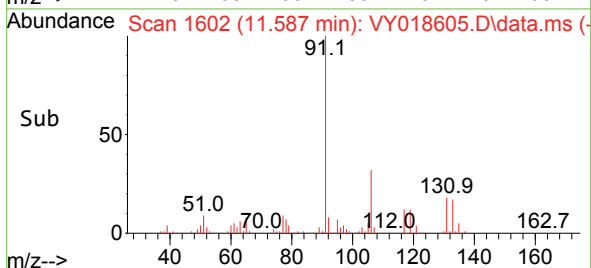
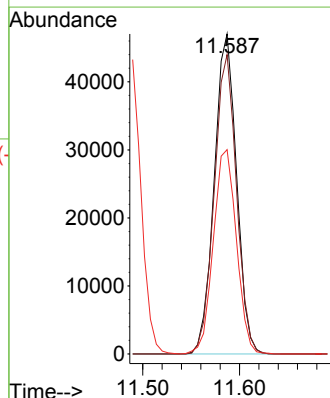
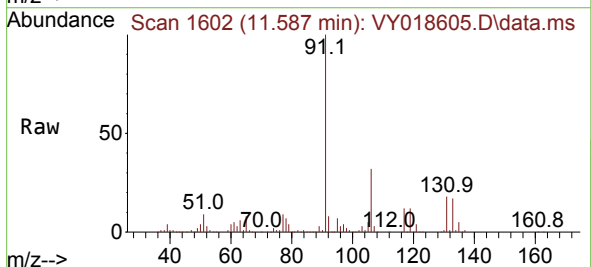
Instrument :
MSVOA_Y
ClientSampleId :

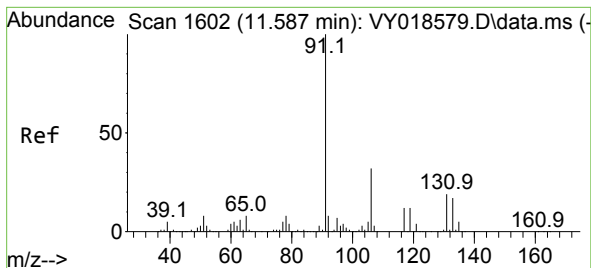
Tgt Ion:112 Resp: 224058
Ion Ratio Lower Upper
112 100
114 31.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.586 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

Tgt Ion:131 Resp: 75183
Ion Ratio Lower Upper
131 100
133 93.6 47.8 143.3
119 66.2 34.1 102.2





#67

Ethyl Benzene

Concen: 51.148 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Instrument :

MSVOA_Y

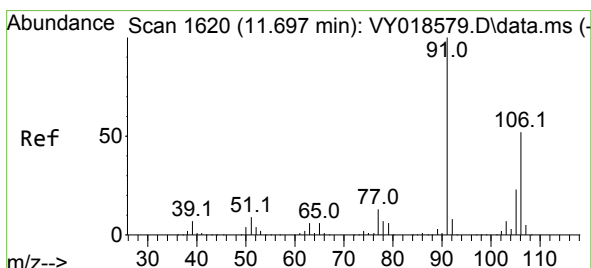
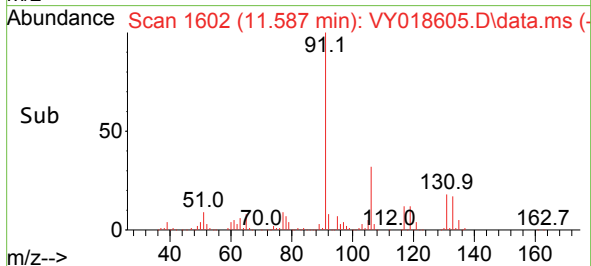
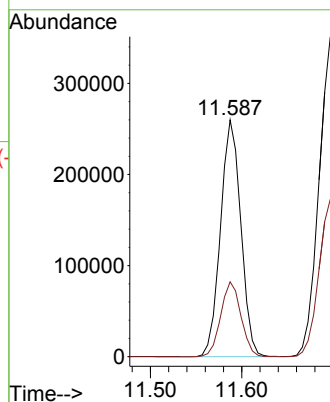
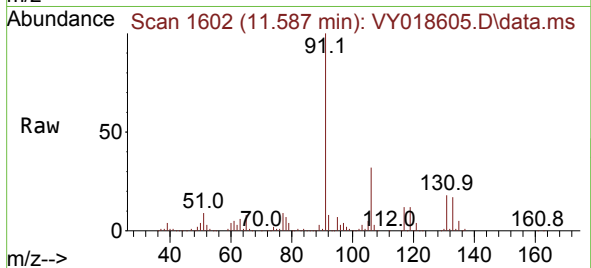
ClientSampleId :

Tgt Ion: 91 Resp: 401542

Ion Ratio Lower Upper

91 100

106 31.6 24.5 36.7



#68

m/p-Xylenes

Concen: 101.265 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY018605.D

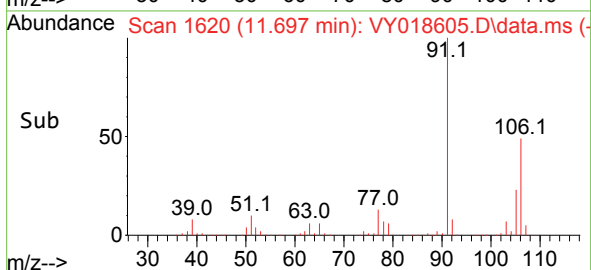
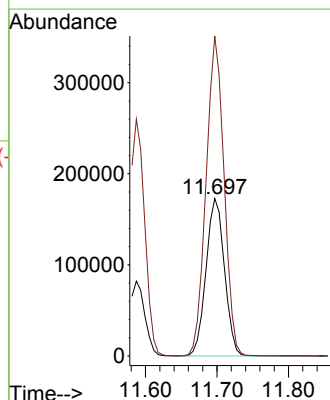
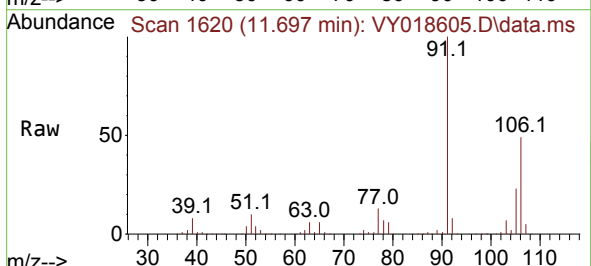
Acq: 17 Jun 2024 12:07

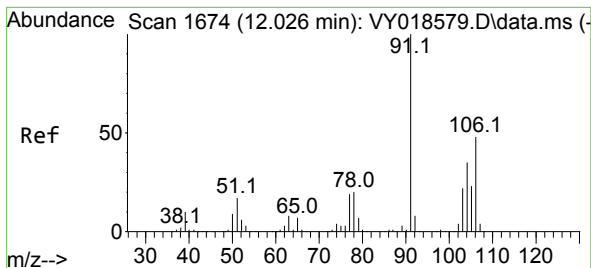
Tgt Ion:106 Resp: 309344

Ion Ratio Lower Upper

106 100

91 198.2 156.0 234.0





#69

o-Xylene

Concen: 50.149 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Instrument :

MSVOA_Y

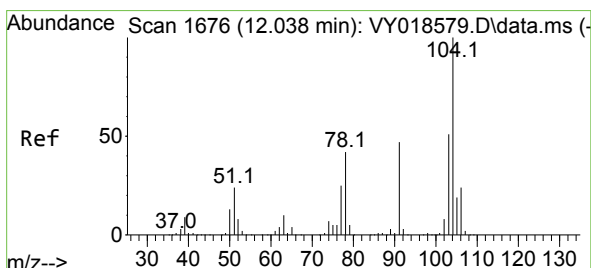
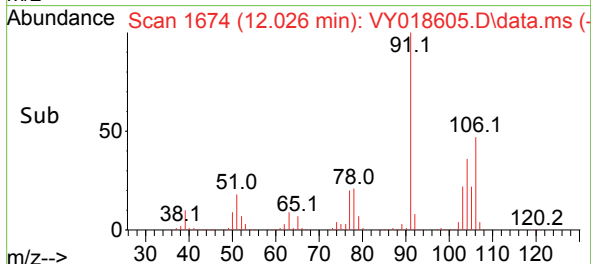
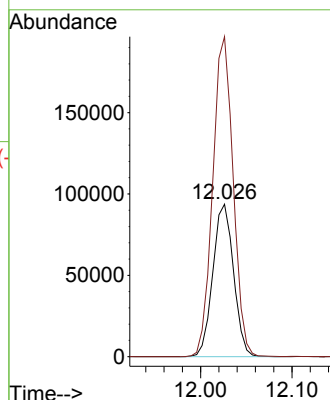
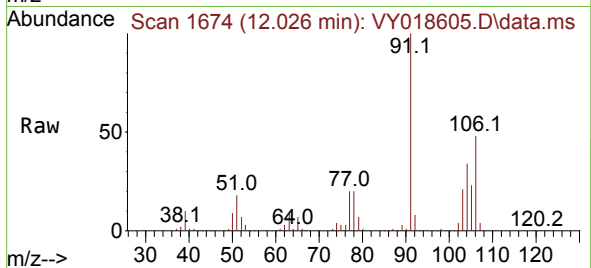
ClientSampleId :

Tgt Ion:106 Resp: 147316

Ion Ratio Lower Upper

106 100

91 207.3 103.6 310.8



#70

Styrene

Concen: 51.531 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

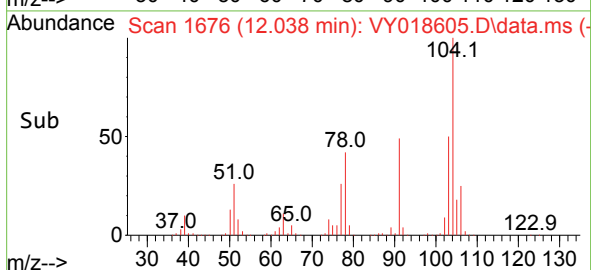
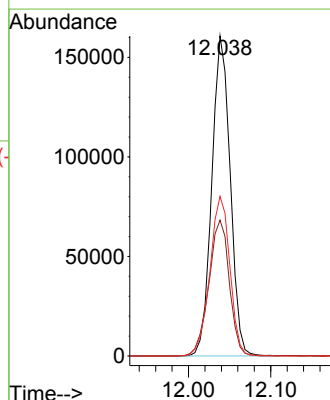
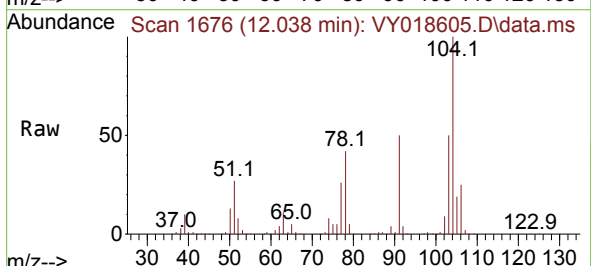
Tgt Ion:104 Resp: 250075

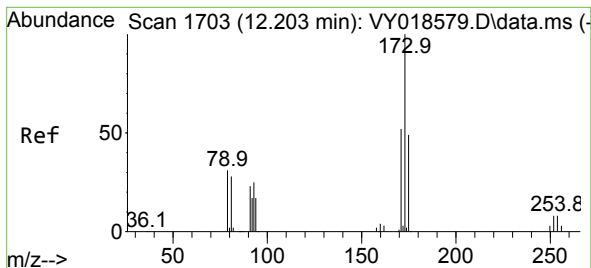
Ion Ratio Lower Upper

104 100

78 47.3 37.0 55.4

103 54.1 44.2 66.2





#71

Bromoform

Concen: 49.851 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

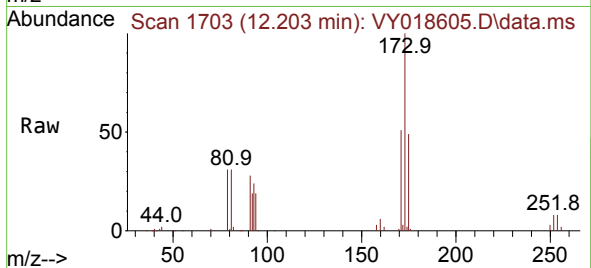
Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :



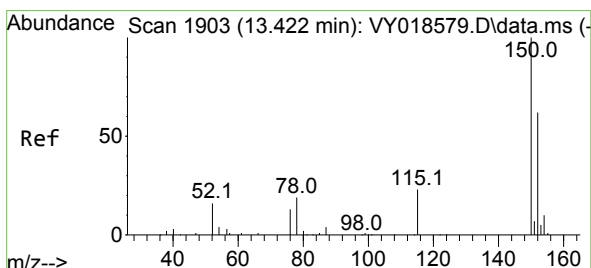
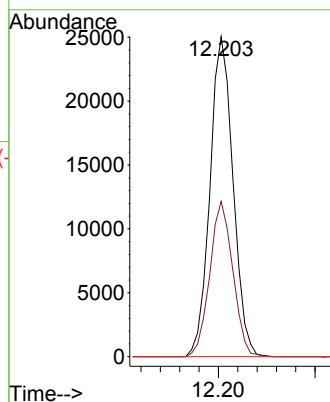
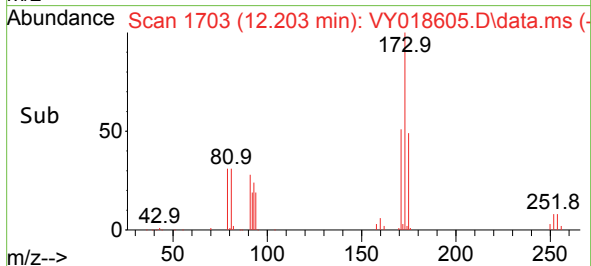
Tgt Ion:173 Resp: 41474

Ion Ratio Lower Upper

173 100

175 48.5 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: VY018605.D

Acq: 17 Jun 2024 12:07

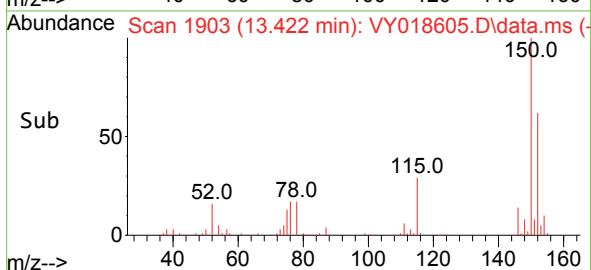
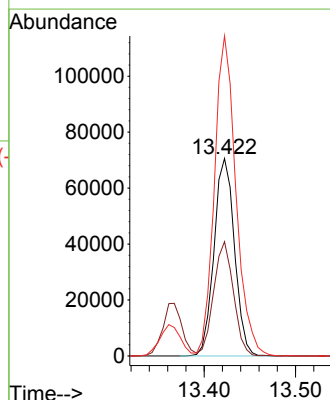
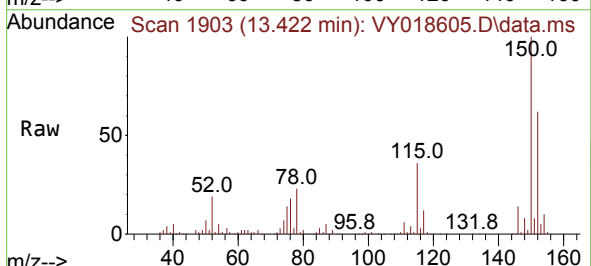
Tgt Ion:152 Resp: 109735

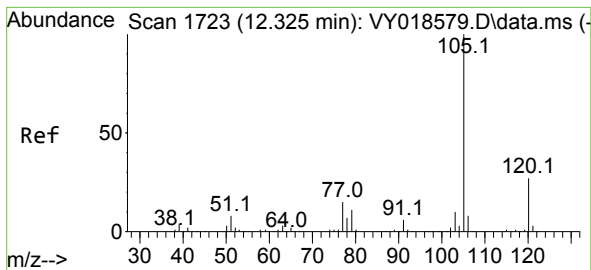
Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.7

150 170.5 0.0 345.6





#73

Isopropylbenzene

Concen: 48.436 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Instrument :

MSVOA_Y

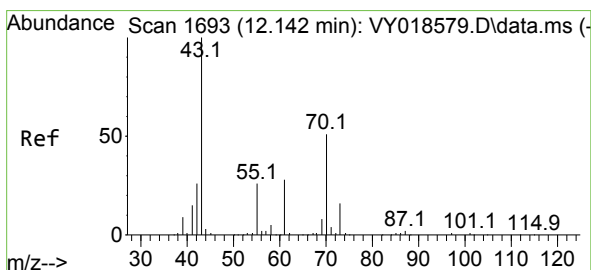
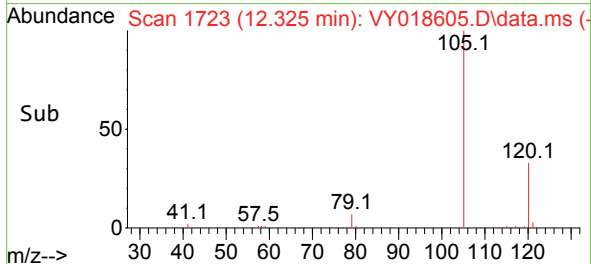
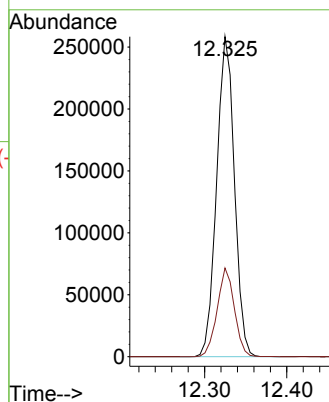
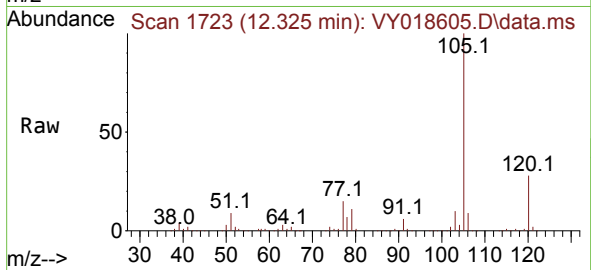
ClientSampleId :

Tgt Ion:105 Resp: 388125

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



#74

N-ethyl acetate

Concen: 52.237 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Tgt Ion: 43 Resp: 85715

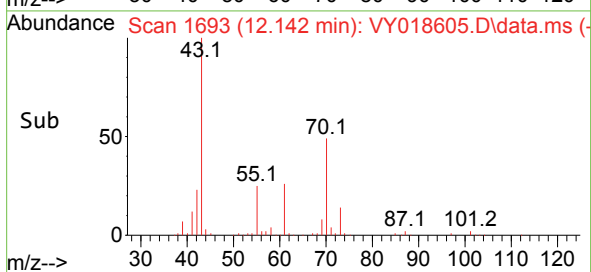
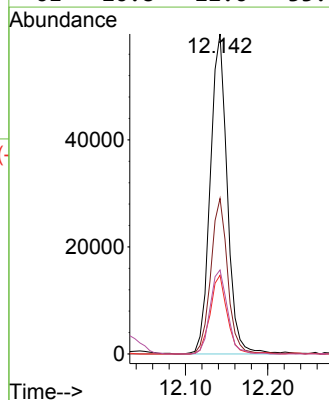
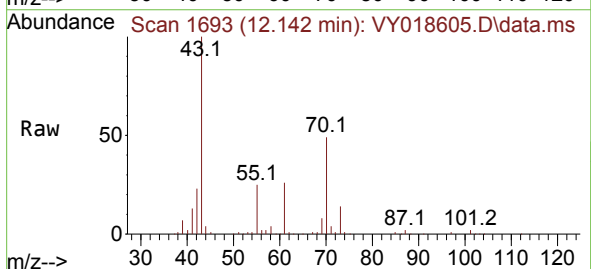
Ion Ratio Lower Upper

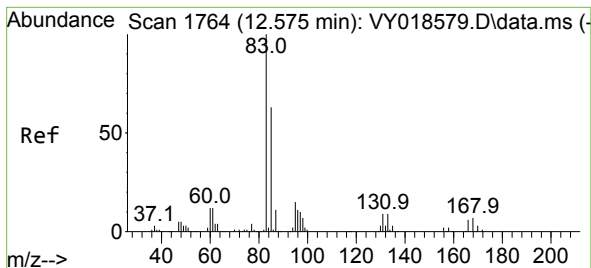
43 100

70 48.7 41.4 62.2

55 24.8 23.3 34.9

61 26.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.021 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

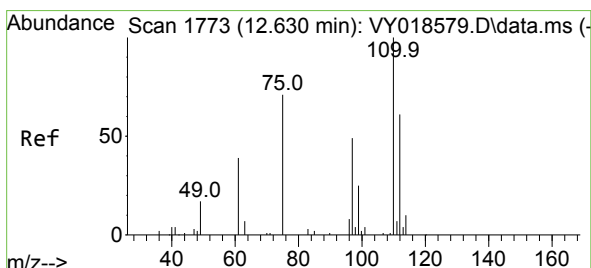
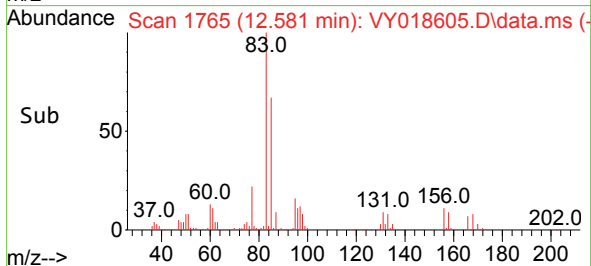
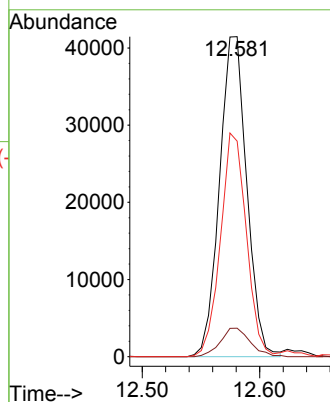
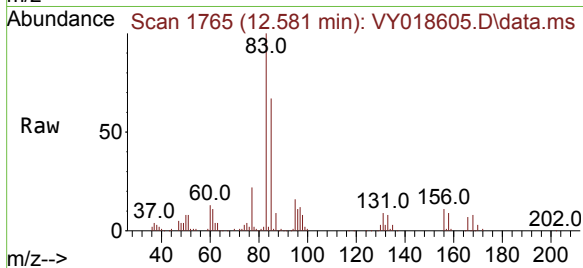
Tgt Ion: 83 Resp: 66902

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 66.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 81.382 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY018605.D

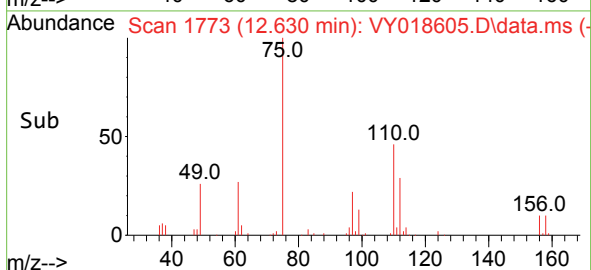
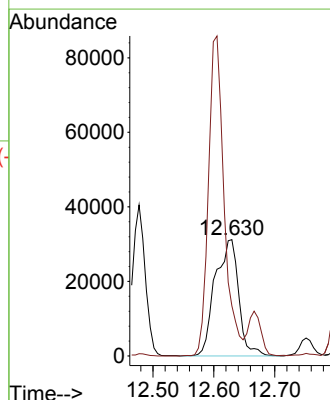
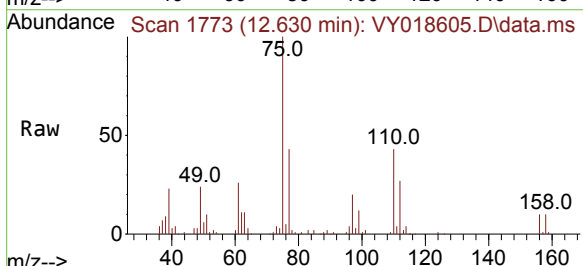
Acq: 17 Jun 2024 12:07

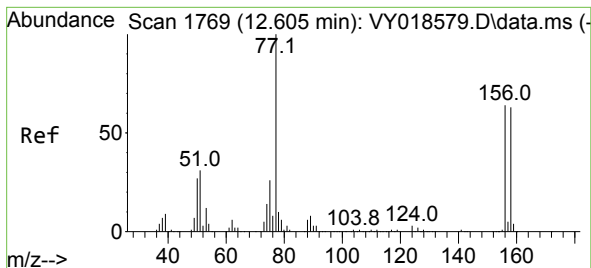
Tgt Ion: 75 Resp: 83772

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.592 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

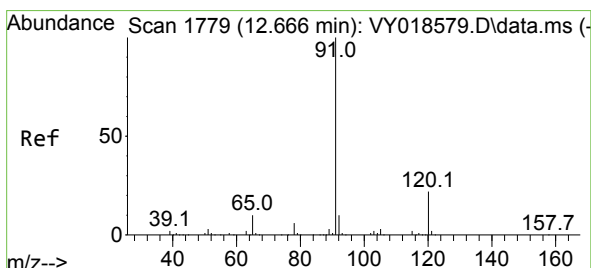
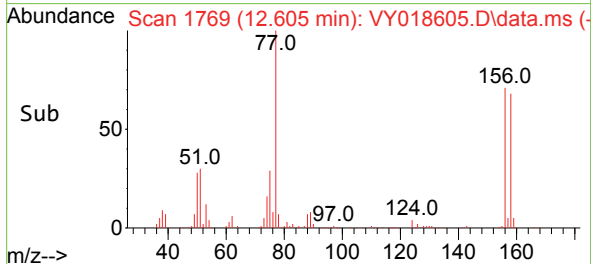
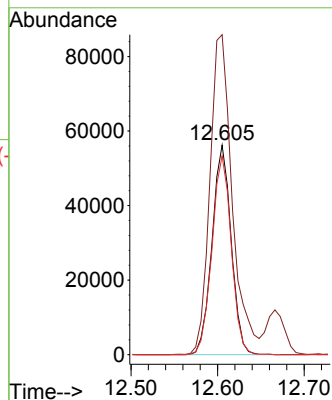
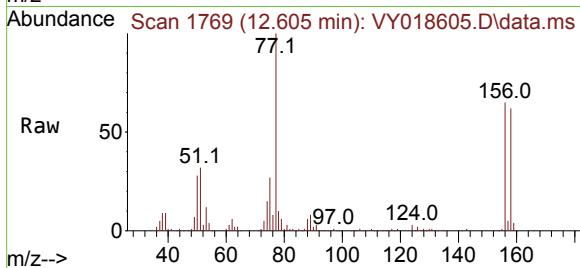
Tgt Ion:156 Resp: 86342

Ion Ratio Lower Upper

156 100

77 178.7 87.1 261.3

158 95.4 48.6 145.9



#78

n-propylbenzene

Concen: 50.150 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018605.D

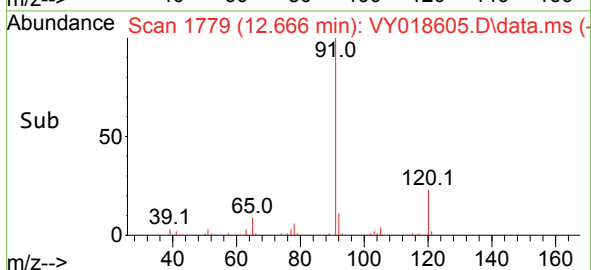
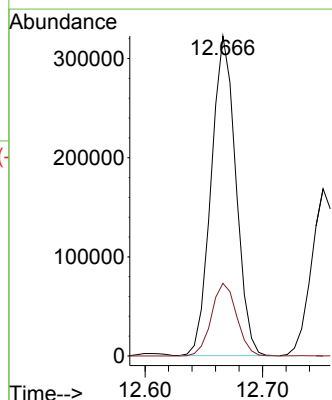
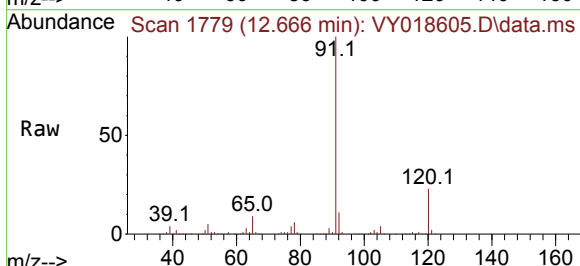
Acq: 17 Jun 2024 12:07

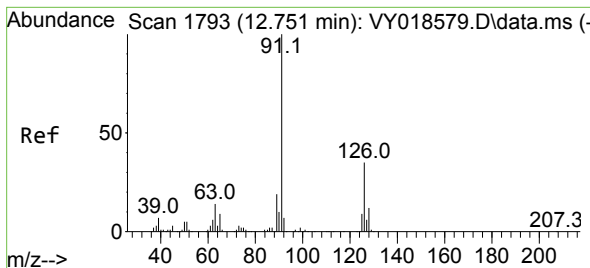
Tgt Ion: 91 Resp: 470299

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.530 ug/l

RT: 12.752 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Instrument :

MSVOA_Y

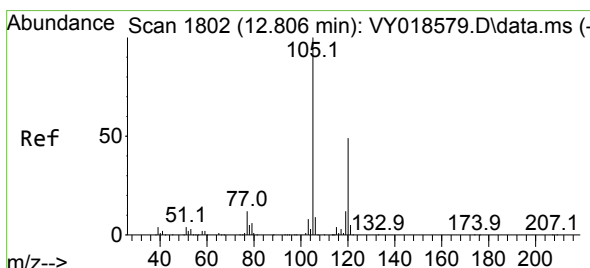
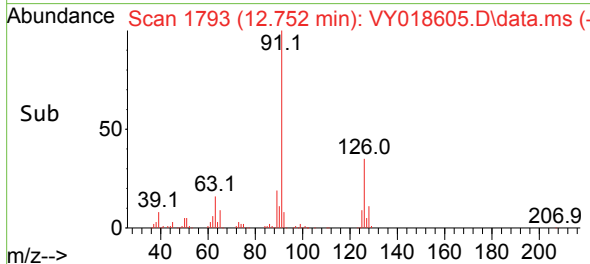
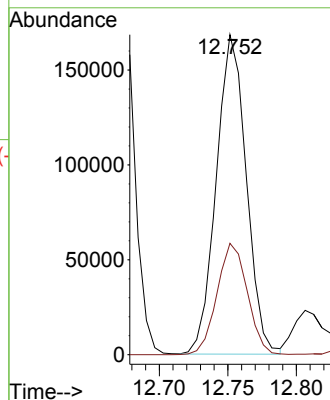
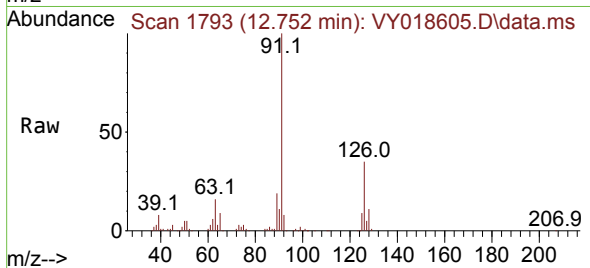
ClientSampleId :

Tgt Ion: 91 Resp: 256903

Ion Ratio Lower Upper

91 100

126 35.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 50.337 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VY018605.D

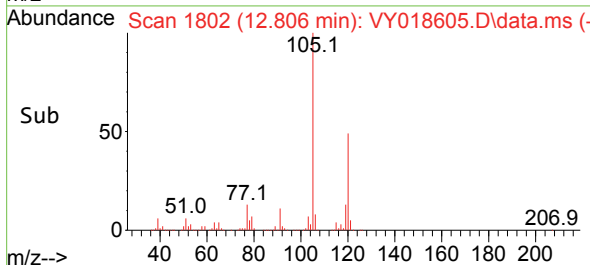
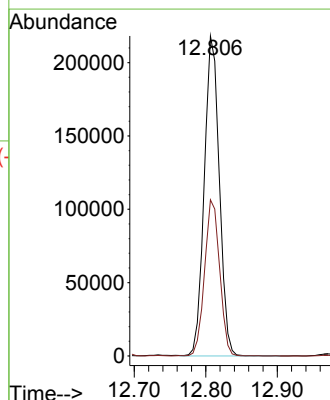
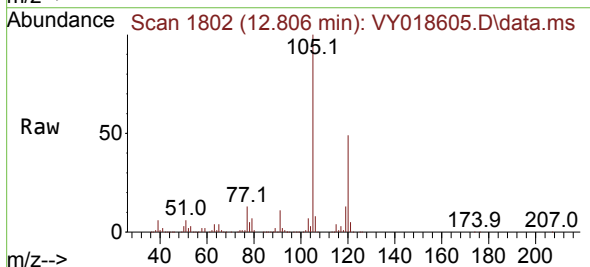
Acq: 17 Jun 2024 12:07

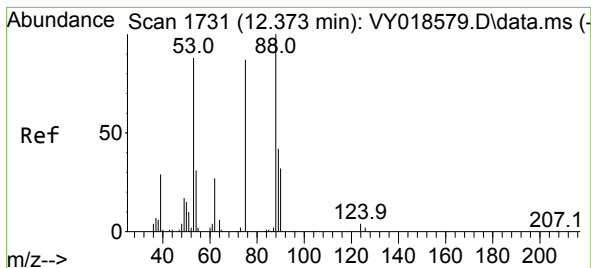
Tgt Ion:105 Resp: 319680

Ion Ratio Lower Upper

105 100

120 48.8 25.1 75.2

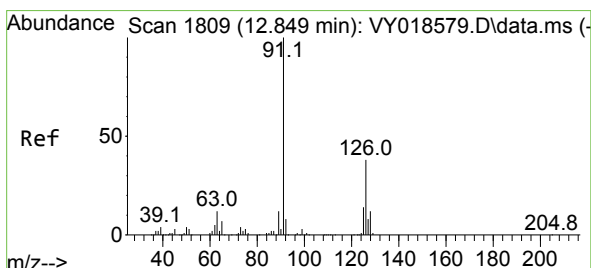
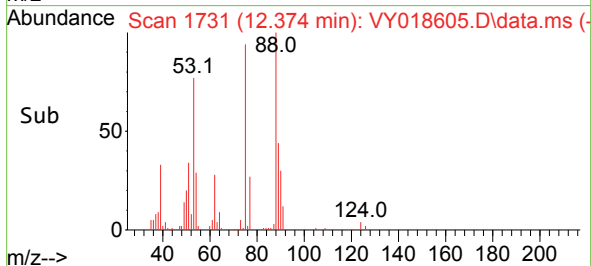
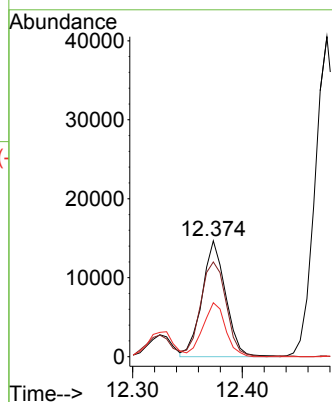
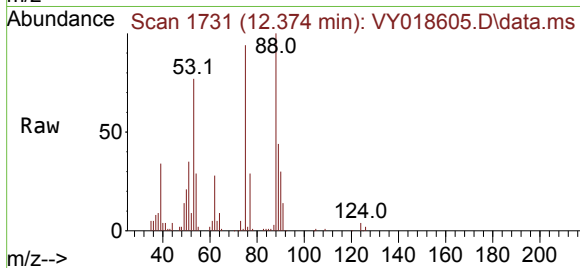




#81
trans-1,4-Dichloro-2-butene
Concen: 55.675 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

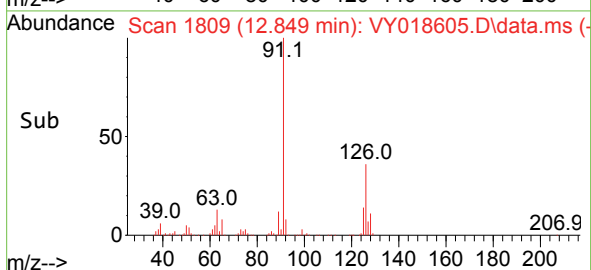
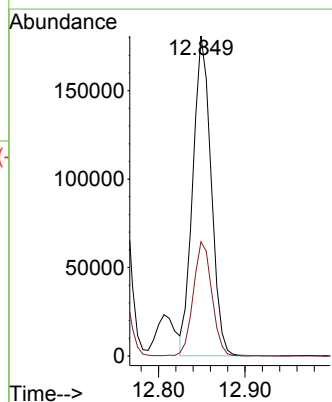
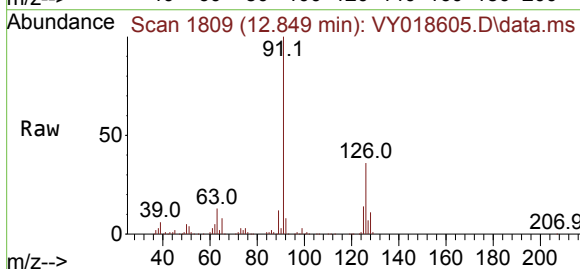
Instrument :
MSVOA_Y
ClientSampleId :

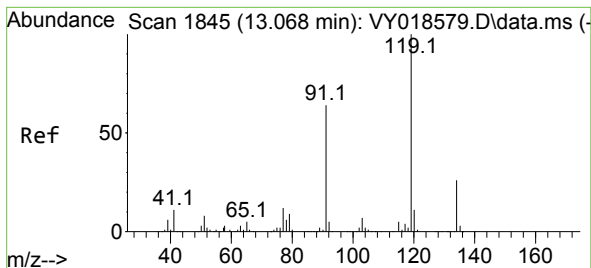
Tgt Ion:	75	Resp:	21879
Ion	Ratio	Lower	Upper
75	100		
53	88.7	66.8	100.2
89	44.6	35.8	53.6



#82
4-Chlorotoluene
Concen: 49.715 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

Tgt Ion:	91	Resp:	265017
Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.6	52.9





#83

tert-Butylbenzene

Concen: 48.369 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

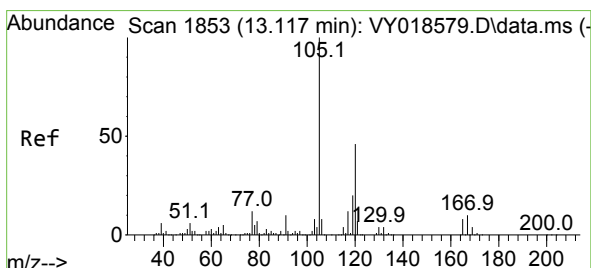
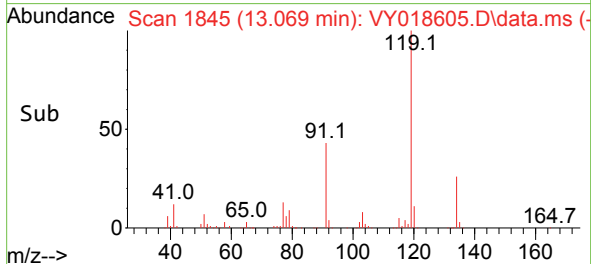
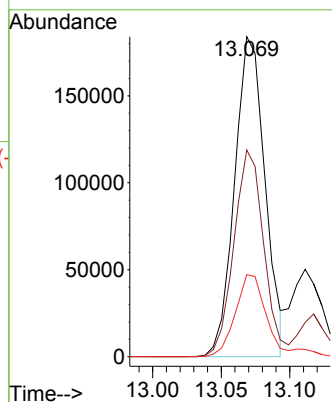
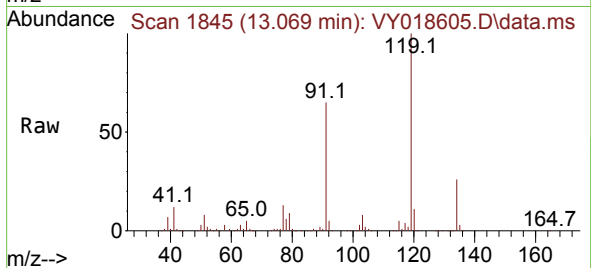
Tgt Ion:119 Resp: 284305

Ion Ratio Lower Upper

119 100

91 63.5 31.3 93.8

134 27.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 49.893 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018605.D

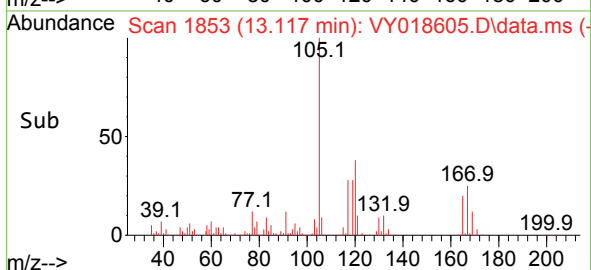
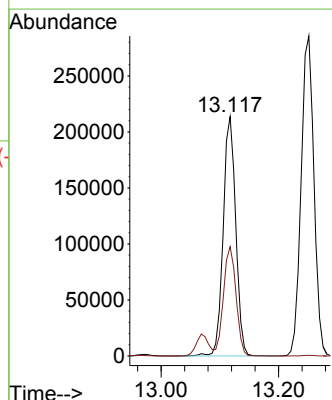
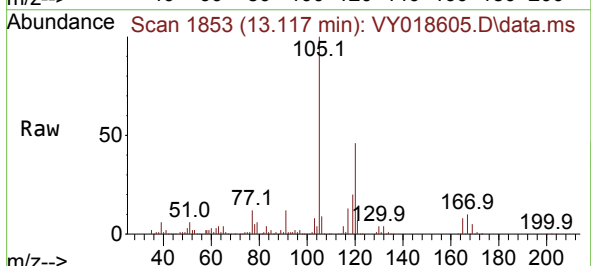
Acq: 17 Jun 2024 12:07

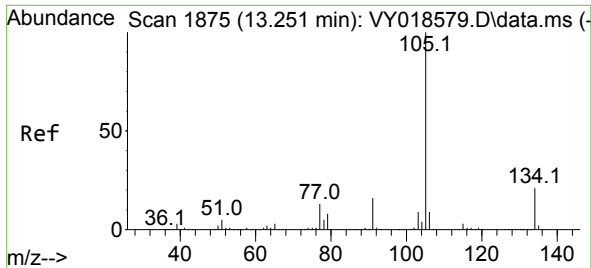
Tgt Ion:105 Resp: 316699

Ion Ratio Lower Upper

105 100

120 45.3 23.2 69.6

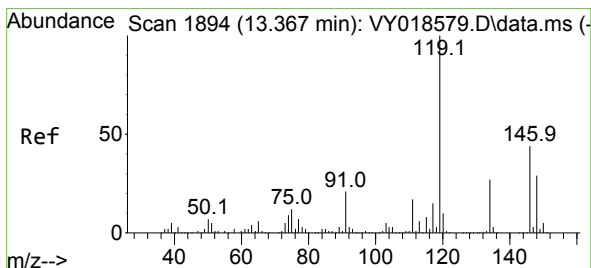
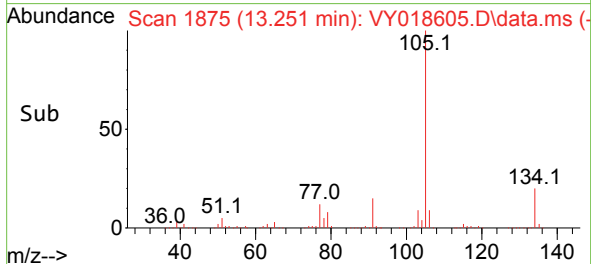
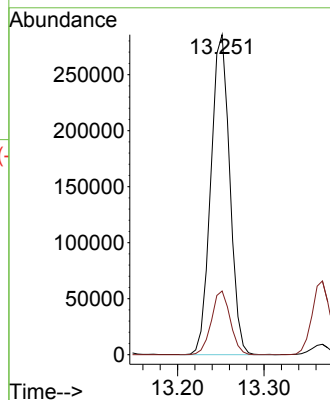
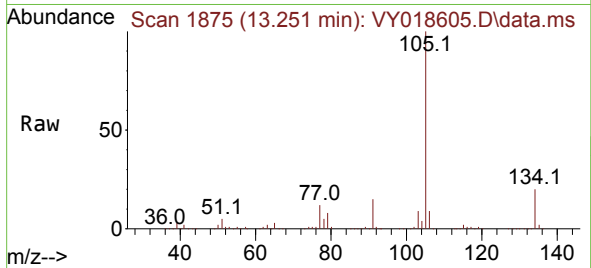




#85
 sec-Butylbenzene
 Concen: 51.626 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY018605.D
 Acq: 17 Jun 2024 12:07

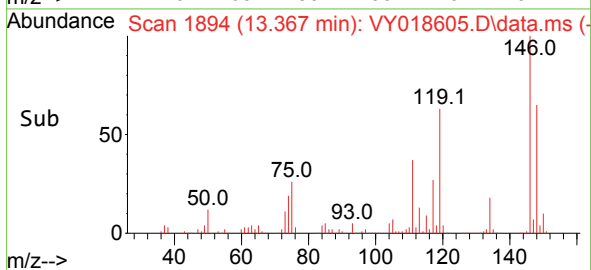
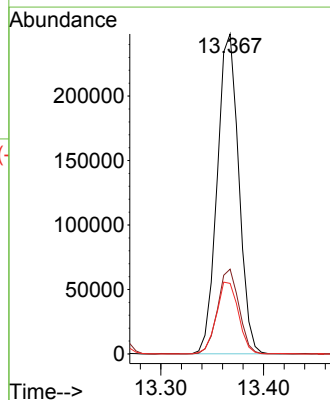
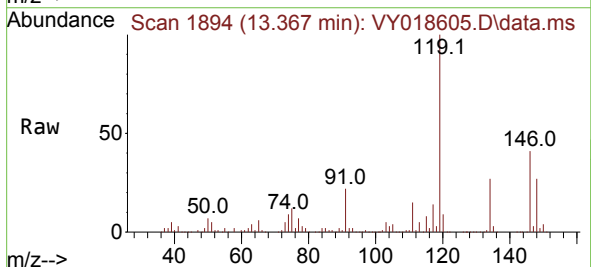
Instrument :
 MSVOA_Y
 ClientSampleId :

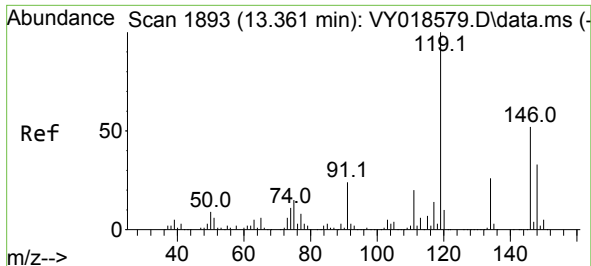
Tgt Ion:105 Resp: 432791
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 50.661 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY018605.D
 Acq: 17 Jun 2024 12:07

Tgt Ion:119 Resp: 360053
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 23.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 47.643 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

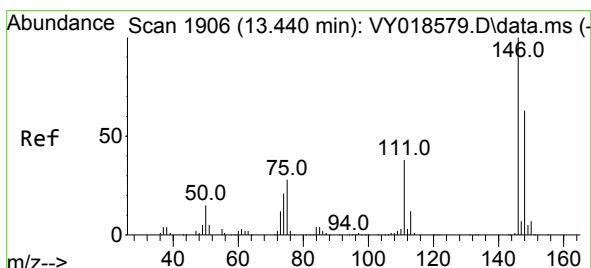
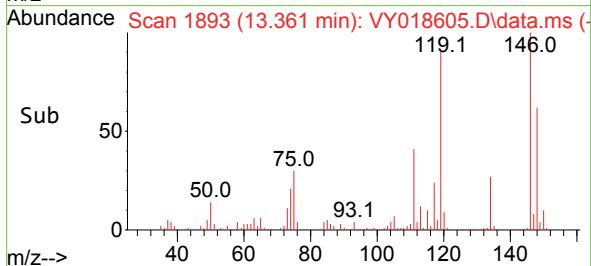
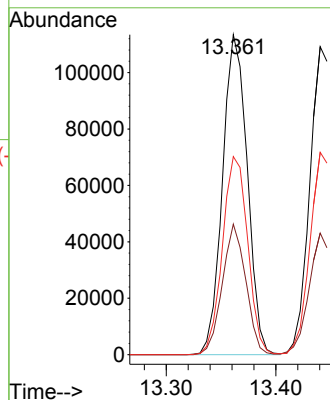
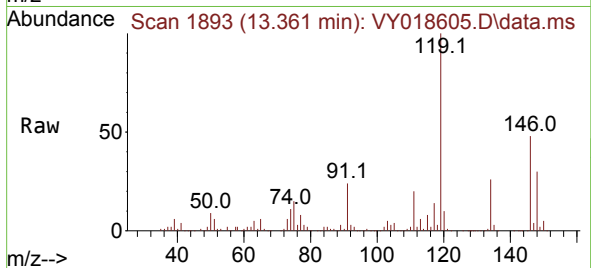
Tgt Ion:146 Resp: 178080

Ion Ratio Lower Upper

146 100

111 38.7 19.0 57.0

148 63.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 47.069 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

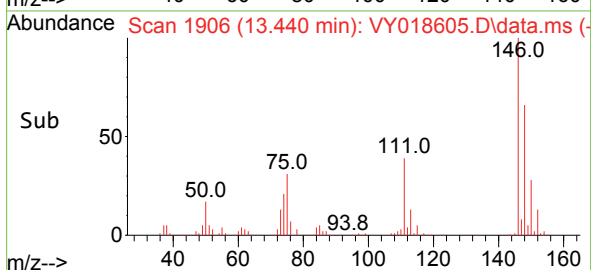
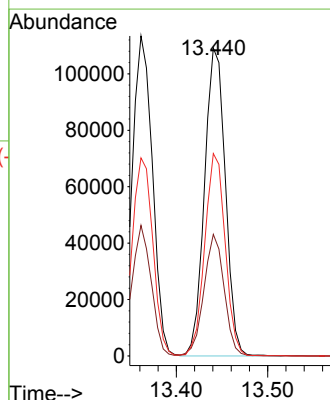
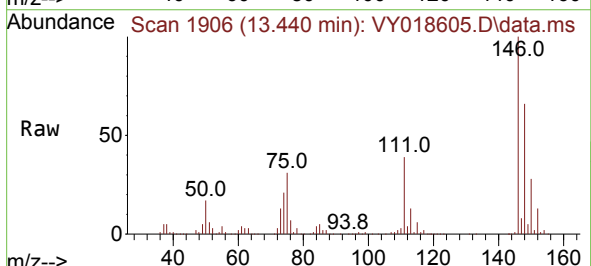
Tgt Ion:146 Resp: 172643

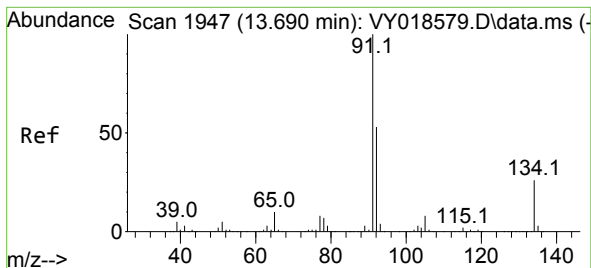
Ion Ratio Lower Upper

146 100

111 38.6 18.4 55.4

148 64.5 32.4 97.2





#89

n-Butylbenzene

Concen: 53.273 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

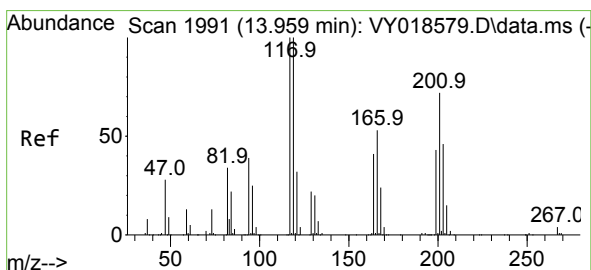
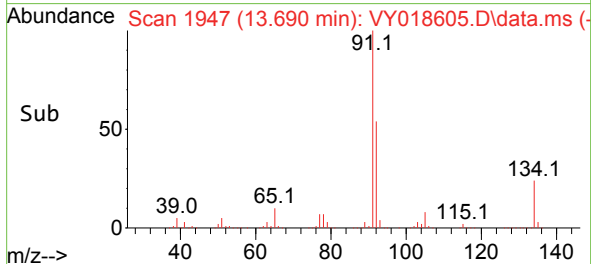
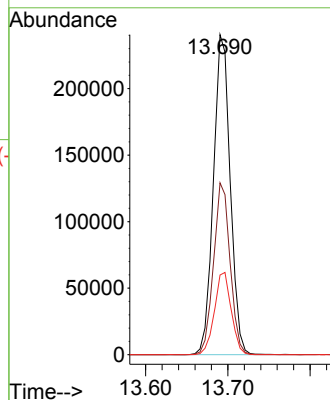
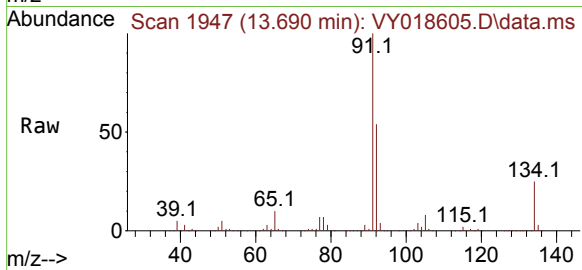
Tgt Ion: 91 Resp: 341260

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.7

134 25.7 12.9 38.7



#90

Hexachloroethane

Concen: 52.705 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018605.D

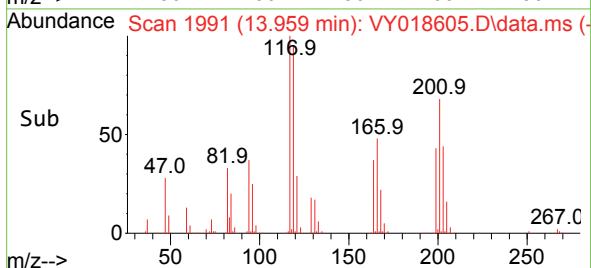
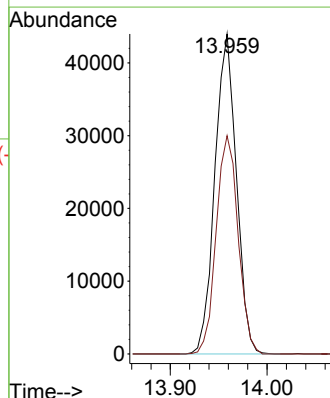
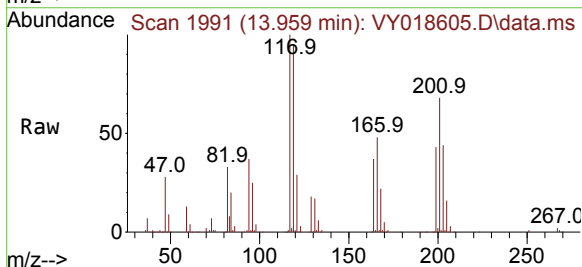
Acq: 17 Jun 2024 12:07

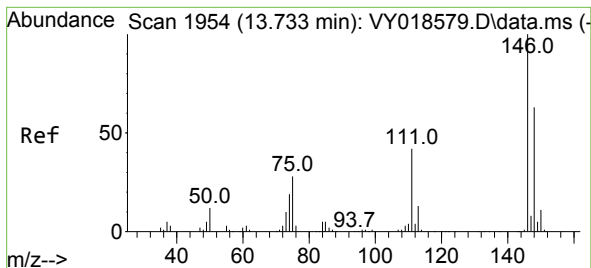
Tgt Ion: 117 Resp: 68046

Ion Ratio Lower Upper

117 100

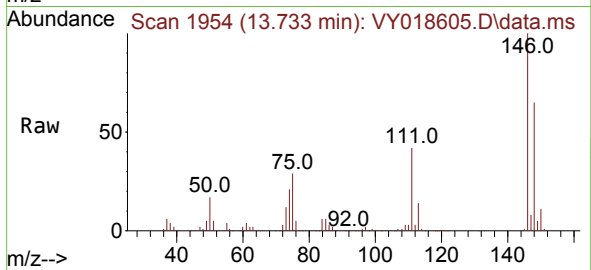
201 69.4 37.4 112.2



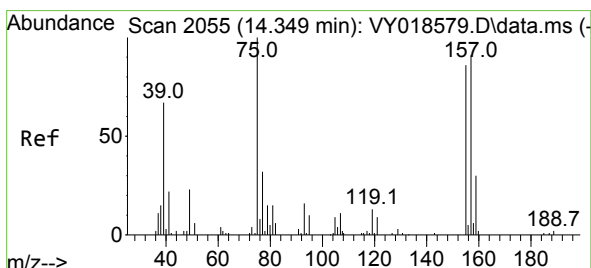
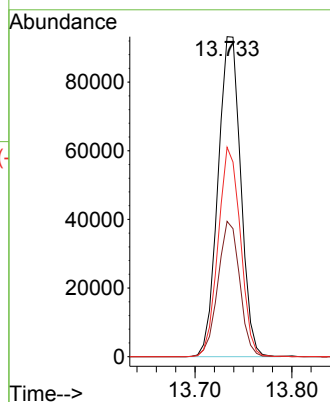
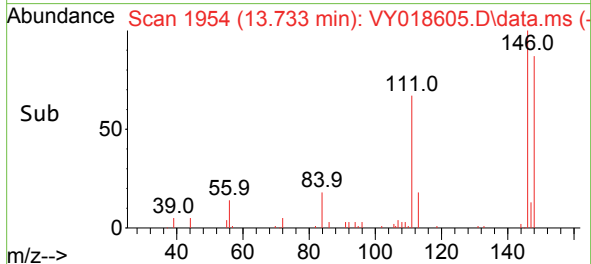


#91
1,2-Dichlorobenzene
Concen: 47.620 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07

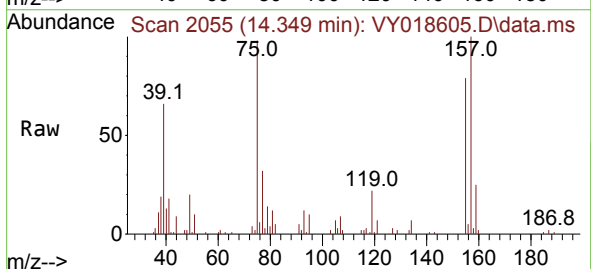
Instrument :
MSVOA_Y
ClientSampleId :



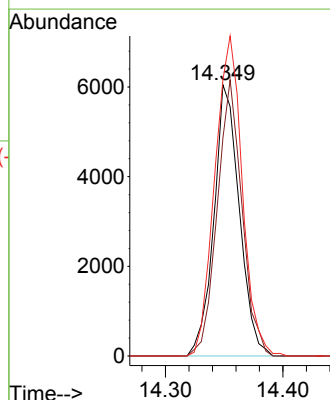
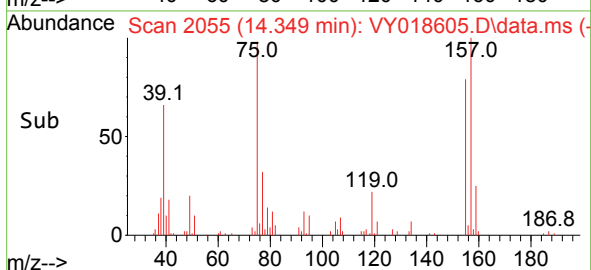
Tgt Ion:146 Resp: 152051
Ion Ratio Lower Upper
146 100
111 40.7 19.9 59.7
148 64.1 31.8 95.4

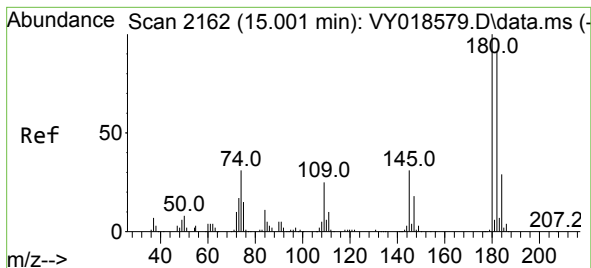


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.184 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VY018605.D
Acq: 17 Jun 2024 12:07



Tgt Ion: 75 Resp: 9103
Ion Ratio Lower Upper
75 100
155 99.0 48.6 145.8
157 126.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 50.602 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

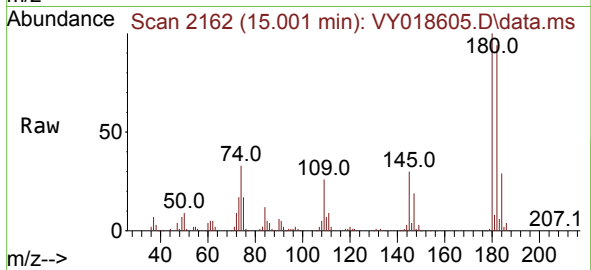
Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :



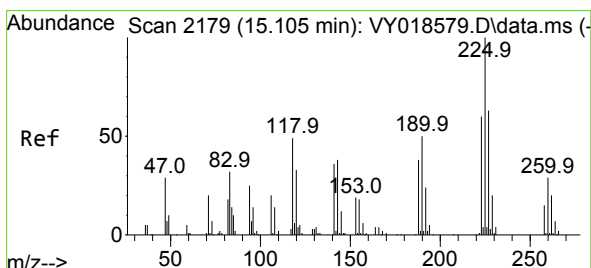
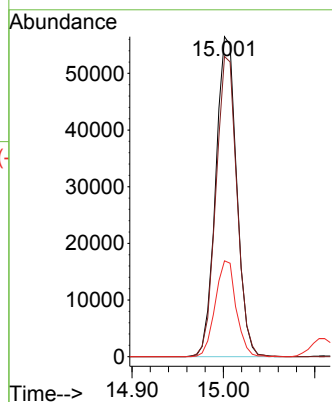
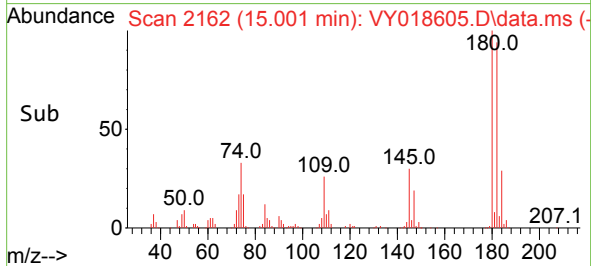
Tgt Ion:180 Resp: 90016

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.8

145 29.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 51.600 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

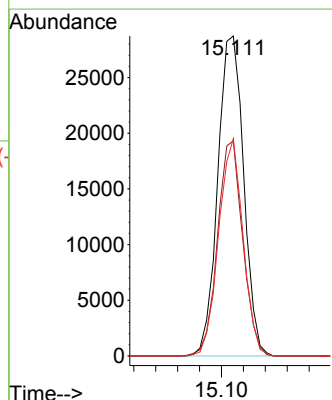
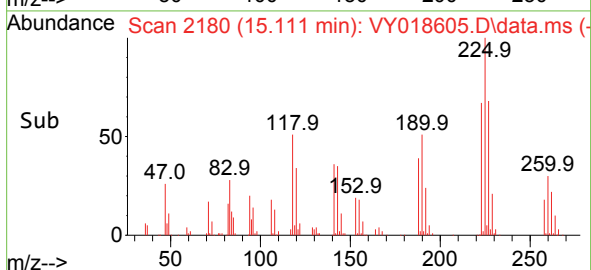
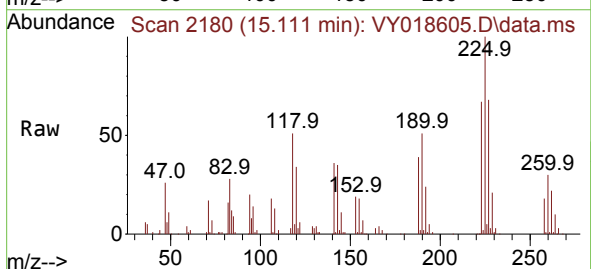
Tgt Ion:225 Resp: 47163

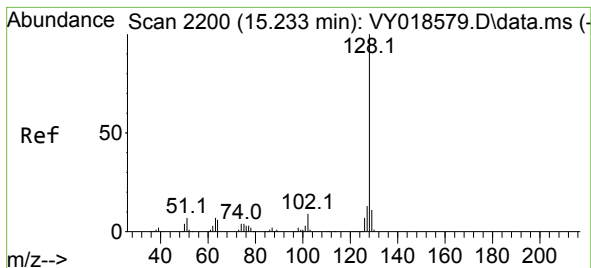
Ion Ratio Lower Upper

225 100

223 65.4 30.4 91.2

227 63.9 31.9 95.9





#95

Naphthalene

Concen: 50.167 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

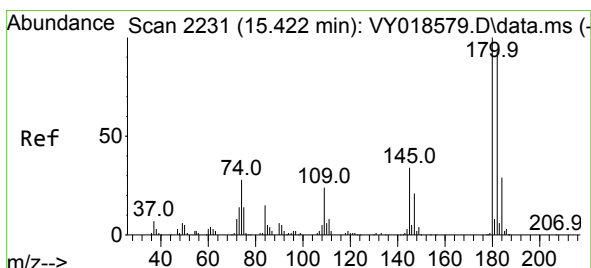
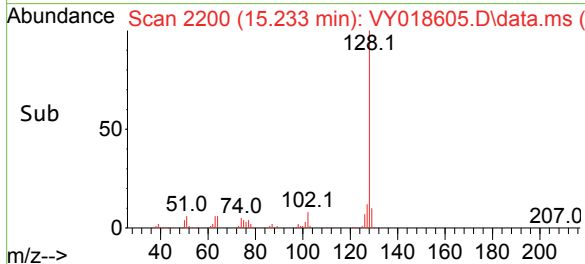
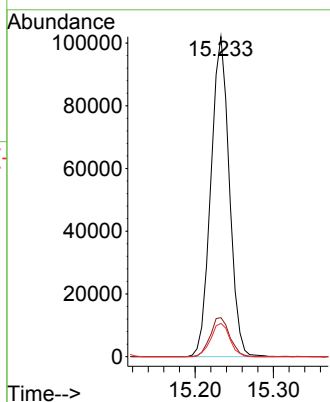
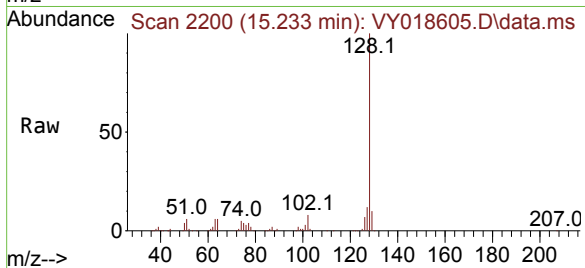
Tgt Ion:128 Resp: 166770

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.109 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018605.D

Acq: 17 Jun 2024 12:07

Tgt Ion:180 Resp: 73812

Ion Ratio Lower Upper

180 100

182 96.8 47.6 142.9

145 32.3 15.4 46.1

