

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061024\
 Data File : VY018539.D
 Acq On : 10 Jun 2024 10:17
 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 11 01:50:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	39204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	63015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	58850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	42707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	41546	53.963	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.920%	
35) Dibromofluoromethane	7.710	113	42035	52.605	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.200%	
50) Toluene-d8	10.179	98	166731	52.449	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.900%	
62) 4-Bromofluorobenzene	12.483	95	52842	53.388	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.780%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	25550	41.036	ug/l	97
3) Chloromethane	2.107	50	61841	53.259	ug/l	100
4) Vinyl Chloride	2.247	62	72259	52.027	ug/l	98
5) Bromomethane	2.644	94	44711	48.252	ug/l	95
6) Chloroethane	2.784	64	47990	54.727	ug/l	95
7) Trichlorofluoromethane	3.113	101	71871	50.014	ug/l	97
8) Diethyl Ether	3.515	74	20726	47.935	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.887	101	40617	48.541	ug/l	90
10) Methyl Iodide	4.076	142	44219	53.801	ug/l	97
11) Tert butyl alcohol	4.948	59	16323	166.746	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	40218	48.900	ug/l	89
13) Acrolein	3.723	56	22315	283.163	ug/l	100
14) Allyl chloride	4.466	41	66735	55.404	ug/l	93
15) Acrylonitrile	5.155	53	49186	248.749	ug/l	97
16) Acetone	3.936	43	52425	306.793	ug/l	99
17) Carbon Disulfide	4.180	76	117900	48.868	ug/l	98
18) Methyl Acetate	4.466	43	19483	45.594	ug/l	91
19) Methyl tert-butyl Ether	5.210	73	101171	51.041	ug/l	97
20) Methylene Chloride	4.704	84	48892	52.365	ug/l #	83
21) trans-1,2-Dichloroethene	5.204	96	45629	51.988	ug/l	94
22) Diisopropyl ether	6.106	45	141599	57.725	ug/l	93
23) Vinyl Acetate	6.052	43	445849	279.281	ug/l	94
24) 1,1-Dichloroethane	6.009	63	83483	54.564	ug/l	99
25) 2-Butanone	6.972	43	71152	271.800	ug/l #	78
26) 2,2-Dichloropropane	6.972	77	68620	51.028	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	52505	51.428	ug/l	91
28) Bromochloromethane	7.326	49	43786	62.189	ug/l #	76
29) Tetrahydrofuran	7.338	42	42057	247.380	ug/l	87
30) Chloroform	7.496	83	81159	52.888	ug/l	99
31) Cyclohexane	7.777	56	74658	52.009	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	71342	53.080	ug/l	97
36) 1,1-Dichloropropene	7.911	75	64225	52.713	ug/l	96
37) Ethyl Acetate	7.070	43	30036	49.347	ug/l	98
38) Carbon Tetrachloride	7.893	117	60179	49.289	ug/l	98
39) Methylcyclohexane	9.179	83	84266	51.161	ug/l	93
40) Benzene	8.155	78	189460	51.898	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	16455	55.579	ug/l #	83
42) 1,2-Dichloroethane	8.228	62	46579	52.481	ug/l	97
43) Isopropyl Acetate	8.265	43	57803	50.789	ug/l	91
44) Trichloroethene	8.935	130	44922	49.655	ug/l	88
45) 1,2-Dichloropropane	9.210	63	44770	53.624	ug/l	98
46) Dibromomethane	9.301	93	23965	50.066	ug/l	90
47) Bromodichloromethane	9.496	83	61723	53.718	ug/l	96
48) Methyl methacrylate	9.289	41	25460	48.622	ug/l	86
49) 1,4-Dioxane	9.289	88	5750	914.747	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	149744	253.385	ug/l	93
52) Toluene	10.240	92	121131	53.948	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	55500	52.598	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	67077	51.629	ug/l #	90
55) 1,1,2-Trichloroethane	10.642	97	30136	48.391	ug/l	88
56) Ethyl methacrylate	10.508	69	45318	51.712	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	56586	53.524	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	128586	273.239	ug/l	96
59) 2-Hexanone	10.831	43	110066	269.514	ug/l	92
60) Dibromochloromethane	10.984	129	39122	51.421	ug/l	99
61) 1,2-Dibromoethane	11.087	107	29340	50.031	ug/l	99
64) Tetrachloroethene	10.715	164	41514	47.890	ug/l	94
65) Chlorobenzene	11.514	112	124203	49.214	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	38956	47.737	ug/l	99
67) Ethyl Benzene	11.593	91	234222	50.989	ug/l	99
68) m/p-Xylenes	11.703	106	178948	103.456	ug/l	96
69) o-Xylene	12.026	106	83464	50.127	ug/l	96
70) Styrene	12.044	104	142719	52.461	ug/l	98
71) Bromoform	12.209	173	20073	46.692	ug/l #	97
73) Isopropylbenzene	12.331	105	223460	50.705	ug/l	98
74) N-amyl acetate	12.142	43	52961	49.370	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	35597	45.885	ug/l	95
76) 1,2,3-Trichloropropane	12.630	75	46731	88.243	ug/l #	100
77) Bromobenzene	12.611	156	44255	47.295	ug/l	88
78) n-propylbenzene	12.672	91	277527	52.468	ug/l	97
79) 2-Chlorotoluene	12.758	91	149197	51.885	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	178546	52.017	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	11684	46.353	ug/l	92
82) 4-Chlorotoluene	12.855	91	153315	52.984	ug/l	97
83) tert-Butylbenzene	13.075	119	159972	50.401	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	180644	53.757	ug/l	97
85) sec-Butylbenzene	13.251	105	251527	53.810	ug/l	98
86) p-Isopropyltoluene	13.367	119	204183	54.123	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	93830	50.835	ug/l	97
88) 1,4-Dichlorobenzene	13.447	146	92458	50.988	ug/l	98
89) n-Butylbenzene	13.697	91	200848	56.025	ug/l	98
90) Hexachloroethane	13.965	117	36503	51.622	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	81467	50.721	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4981	42.193	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	41831	48.155	ug/l	97
94) Hexachlorobutadiene	15.111	225	22396	48.545	ug/l	98
95) Naphthalene	15.239	128	79015	45.291	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	33937	46.175	ug/l	97

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QLast Update : Tue Jun 04 07:11:56 2024
Response via : Initial Calibration

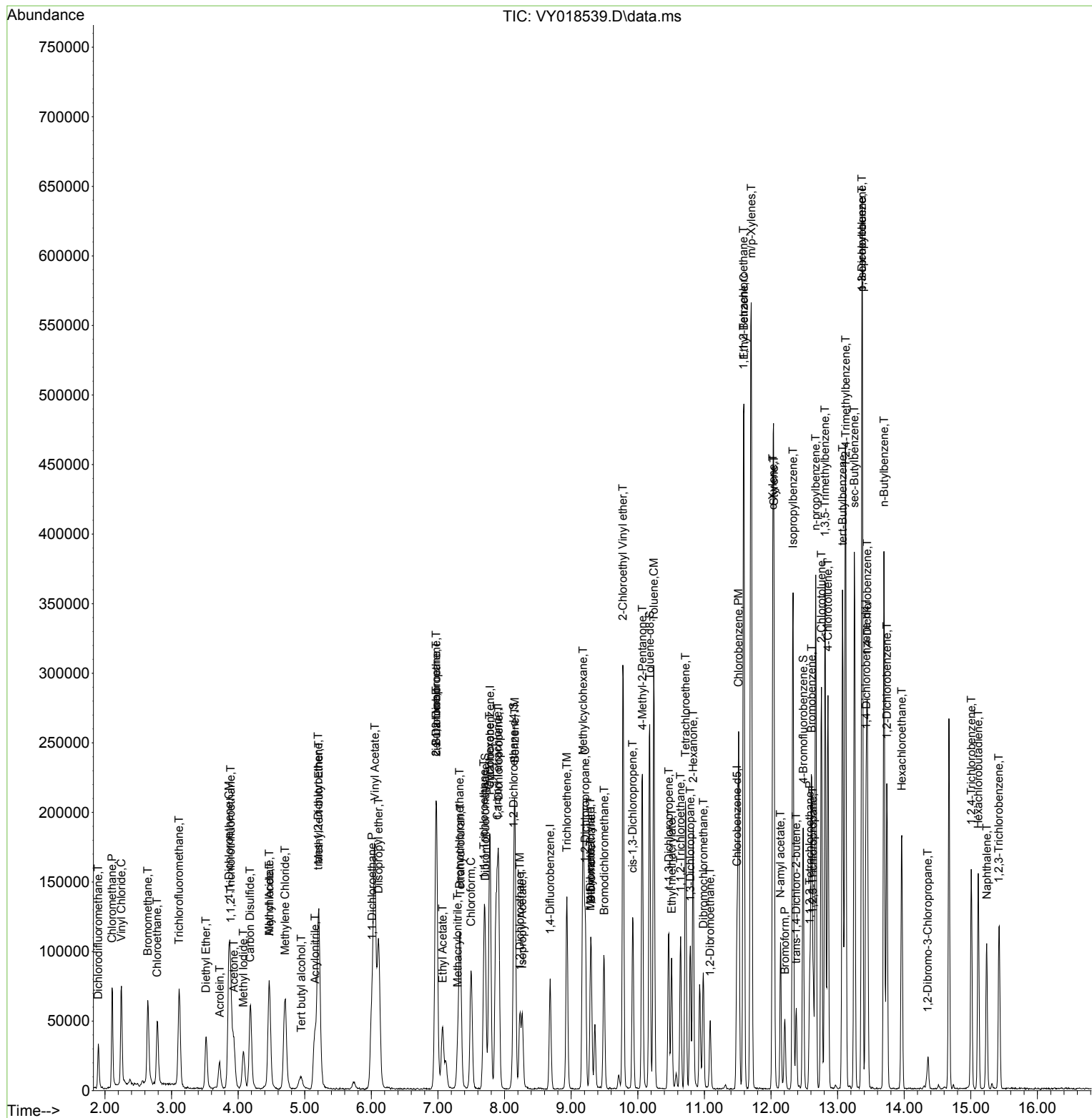
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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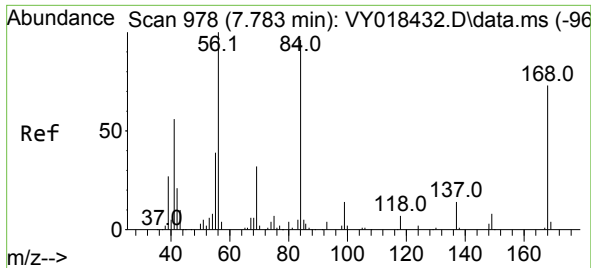
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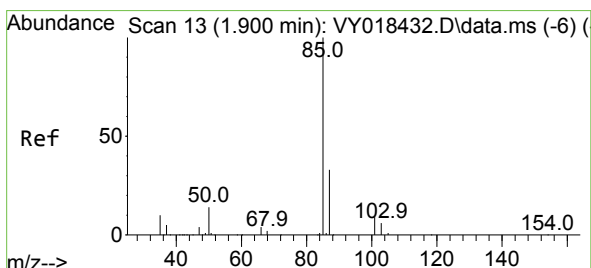
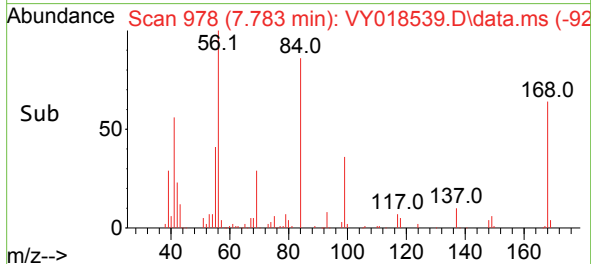
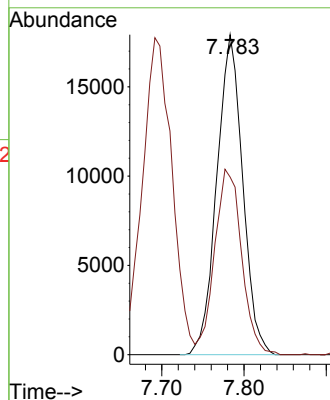
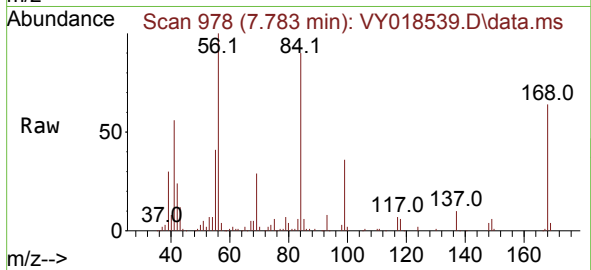




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018539.D
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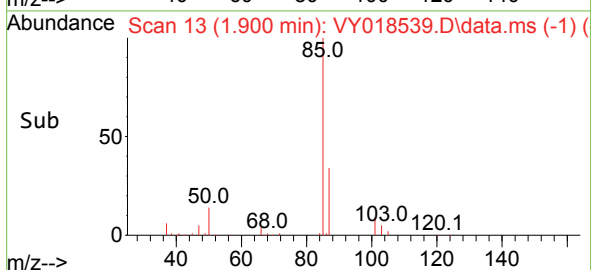
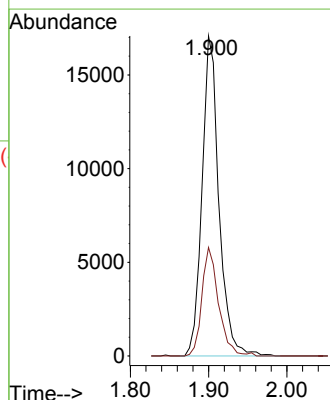
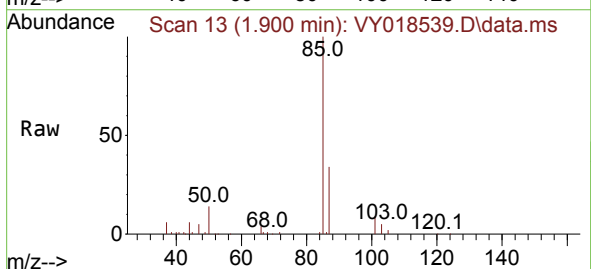
Instrument :
MSVOA_Y
ClientSampleId :

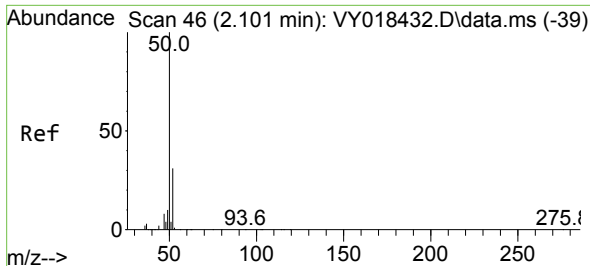
Tgt Ion:168 Resp: 39204
Ion Ratio Lower Upper
168 100
99 55.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 41.036 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Tgt Ion: 85 Resp: 25550
Ion Ratio Lower Upper
85 100
87 33.9 16.0 48.0

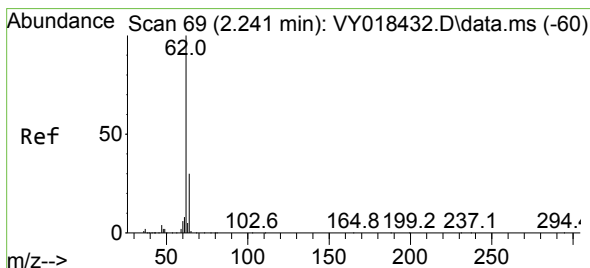
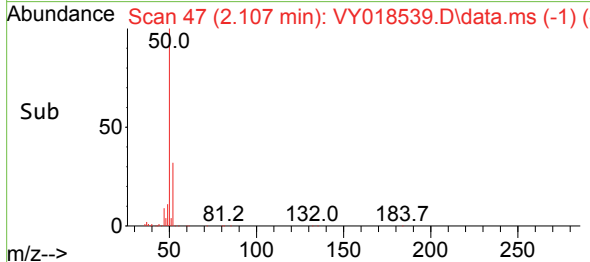
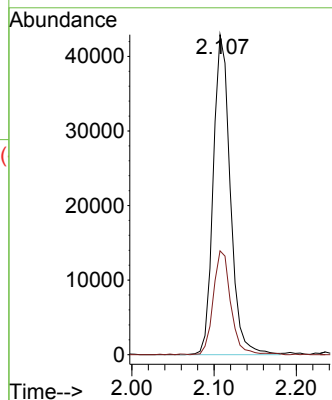
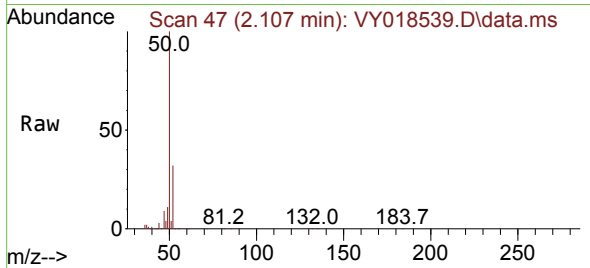




#3
Chloromethane
Concen: 53.259 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

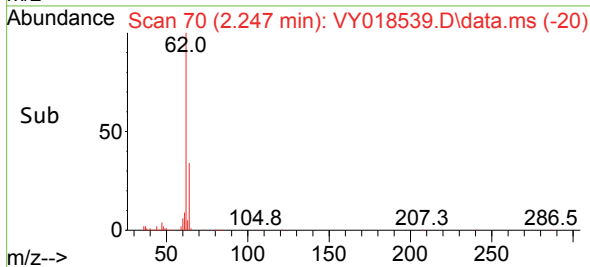
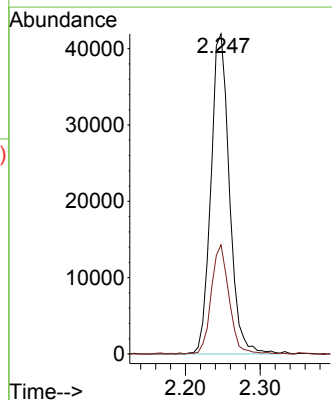
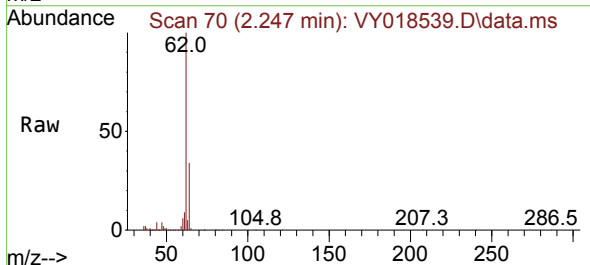
Instrument :
MSVOA_Y
ClientSampleId :

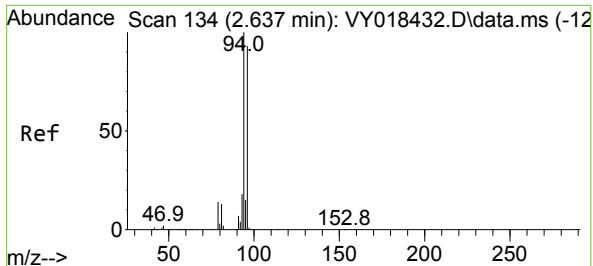
Tgt Ion: 50 Resp: 61841
Ion Ratio Lower Upper
50 100
52 32.2 25.6 38.4



#4
Vinyl Chloride
Concen: 52.027 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Tgt Ion: 62 Resp: 72259
Ion Ratio Lower Upper
62 100
64 33.9 26.1 39.1





#5

Bromomethane

Concen: 48.252 ug/l

RT: 2.644 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Instrument :

MSVOA_Y

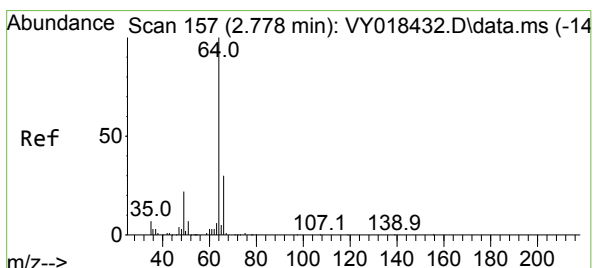
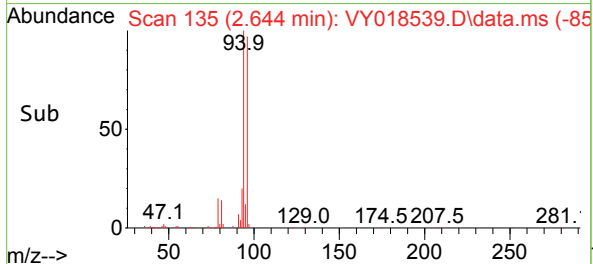
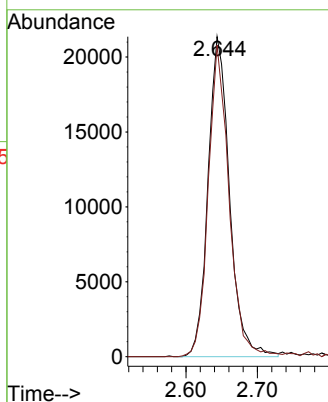
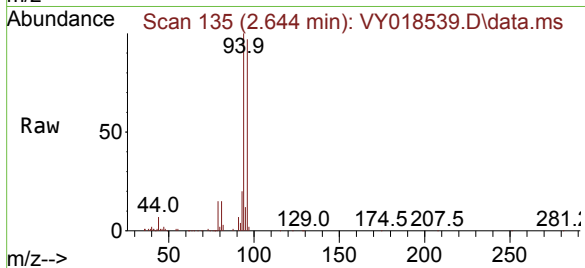
ClientSampleId :

Tgt Ion: 94 Resp: 44711

Ion Ratio Lower Upper

94 100

96 97.3 74.1 111.1



#6

Chloroethane

Concen: 54.727 ug/l

RT: 2.784 min Scan# 158

Delta R.T. 0.006 min

Lab File: VY018539.D

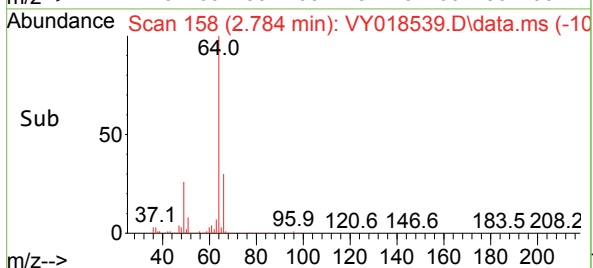
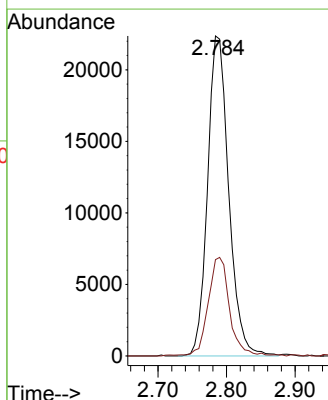
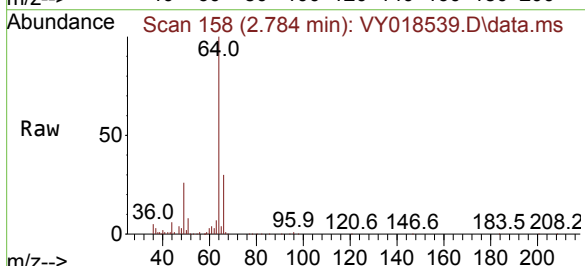
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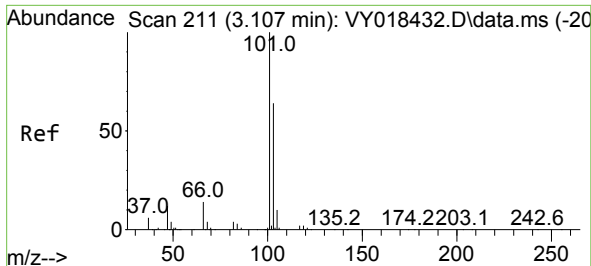
Tgt Ion: 64 Resp: 47990

Ion Ratio Lower Upper

64 100

66 29.8 26.1 39.1

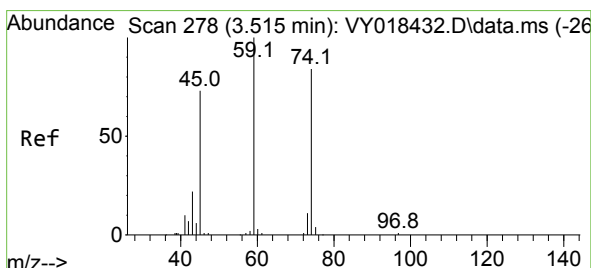
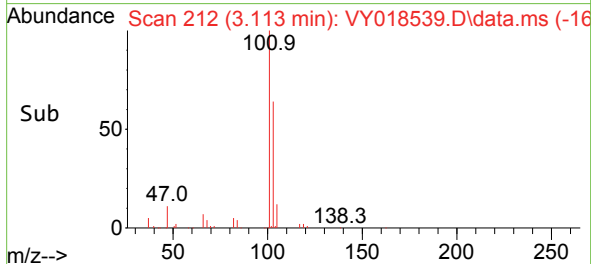
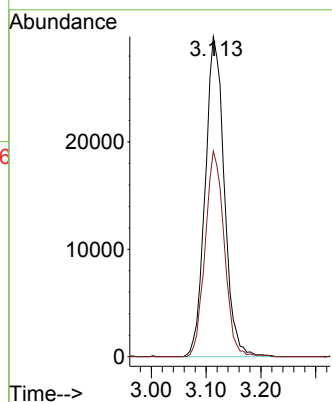
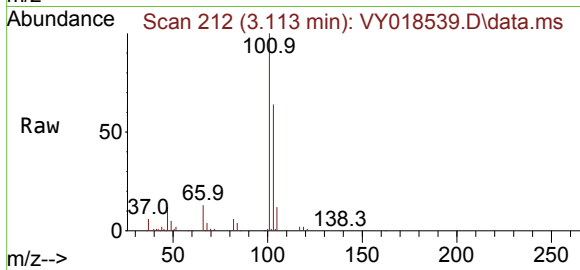




#7
 Trichlorofluoromethane
 Concen: 50.014 ug/l
 RT: 3.113 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VY018539.D
 Acq: 10 Jun 2024 10:17

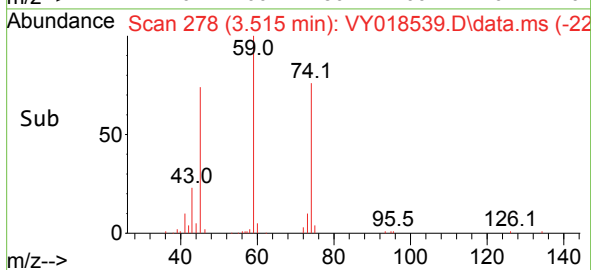
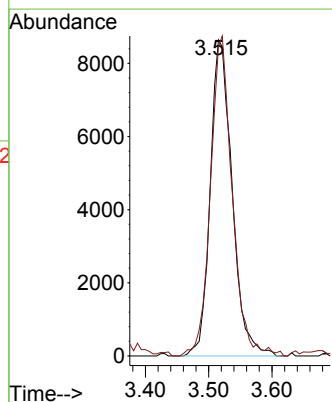
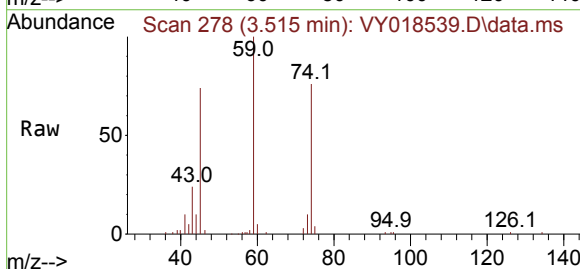
Instrument :
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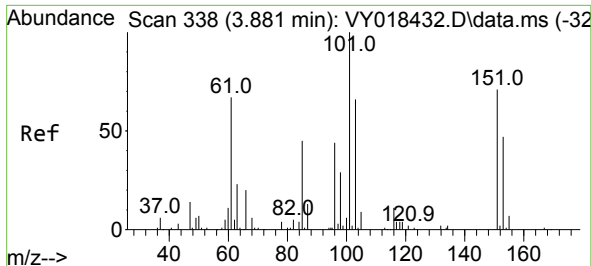
Tgt Ion:101 Resp: 71871
 Ion Ratio Lower Upper
 101 100
 103 64.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 47.935 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VY018539.D
 Acq: 10 Jun 2024 10:17

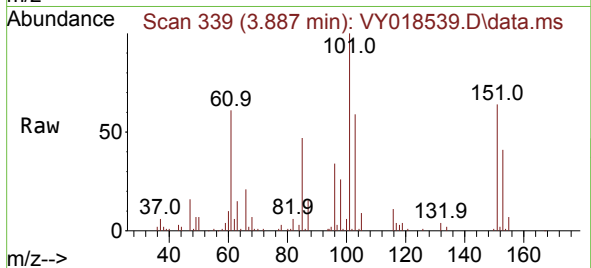
Tgt Ion: 74 Resp: 20726
 Ion Ratio Lower Upper
 74 100
 45 100.9 41.3 124.1



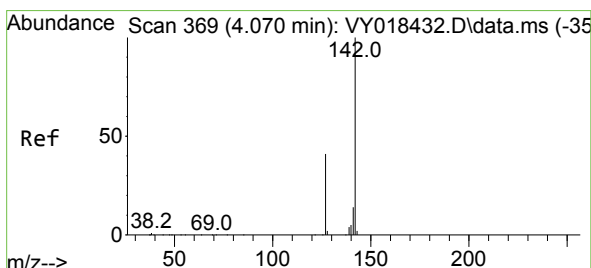
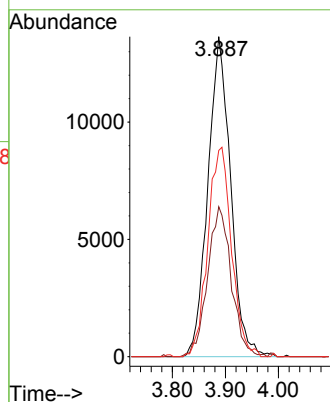
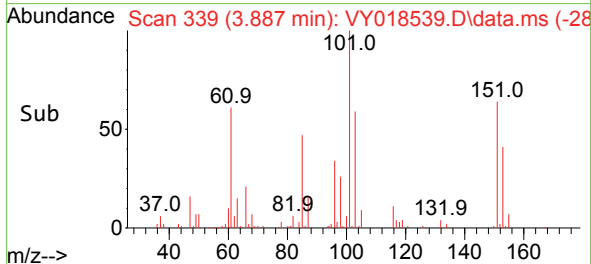


#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.541 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Instrument :
MSVOA_Y
ClientSampleId :

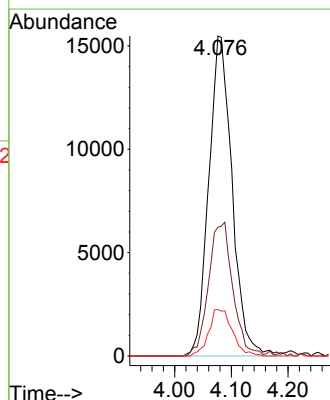
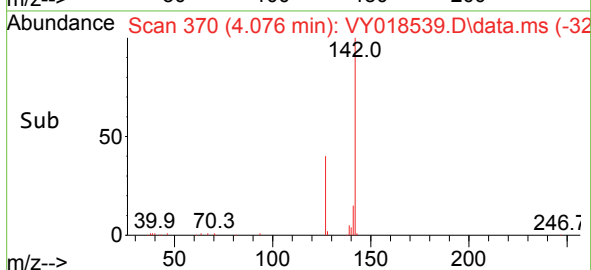
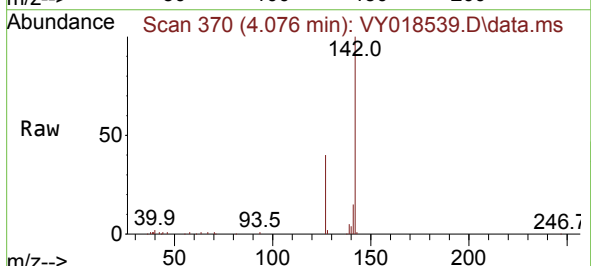


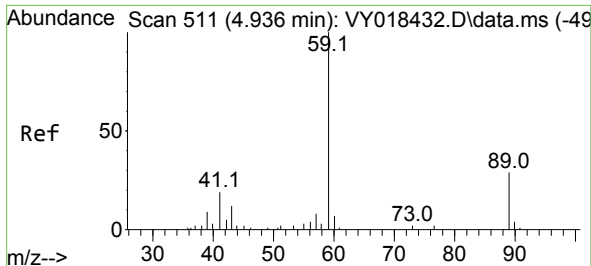
Tgt Ion:101 Resp: 40617
Ion Ratio Lower Upper
101 100
85 48.8 34.5 51.7
151 68.3 61.7 92.5



#10
Methyl Iodide
Concen: 53.801 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.006 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Tgt Ion:142 Resp: 44219
Ion Ratio Lower Upper
142 100
127 43.5 32.8 49.2
141 14.7 11.4 17.2

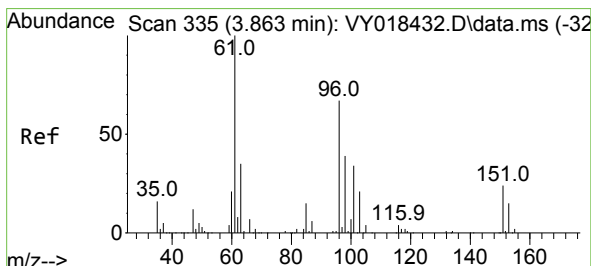
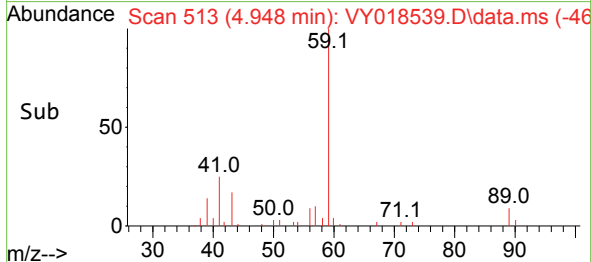
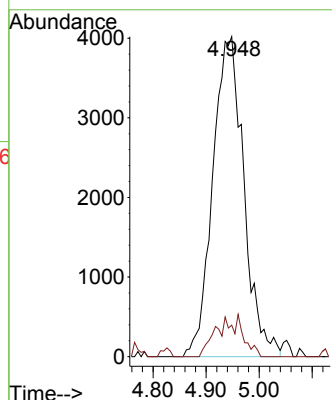
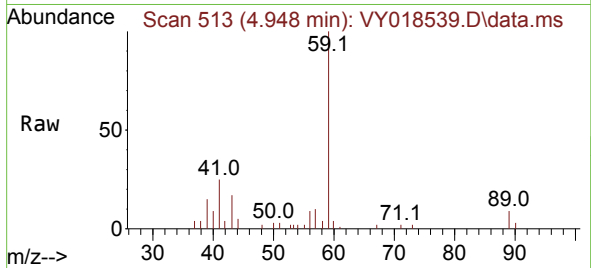




#11
Tert butyl alcohol
Concen: 166.746 ug/l
RT: 4.948 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

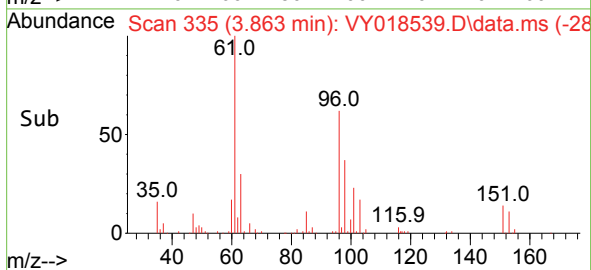
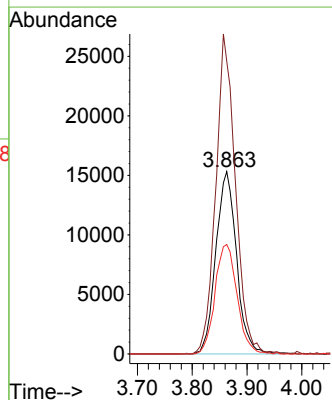
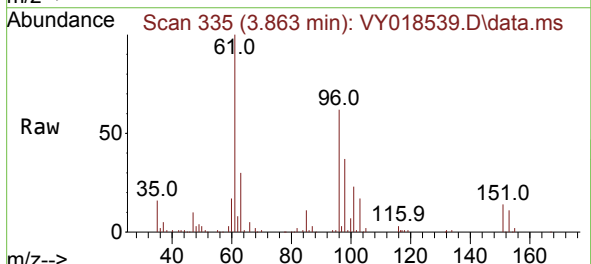
Instrument :
MSVOA_Y
ClientSampleId :

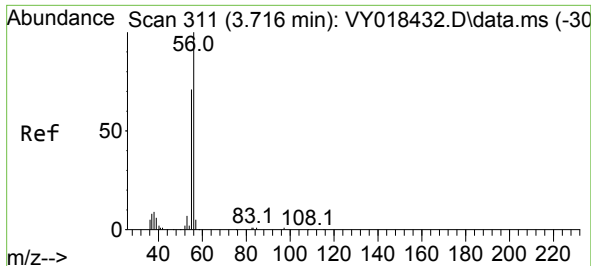
Tgt Ion: 59 Resp: 16323
Ion Ratio Lower Upper
59 100
57 7.3 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 48.900 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Tgt Ion: 96 Resp: 40218
Ion Ratio Lower Upper
96 100
61 160.4 114.6 171.8
98 60.0 50.8 76.2





#13

Acrolein

Concen: 283.163 ug/l

RT: 3.723 min Scan# 311

Delta R.T. 0.007 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Instrument :

MSVOA_Y

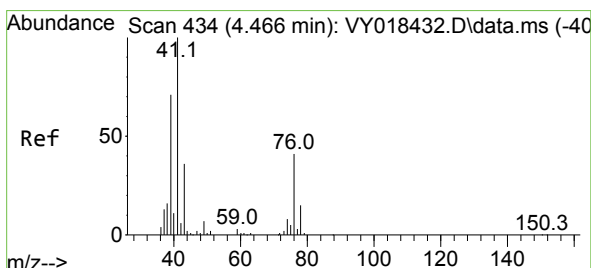
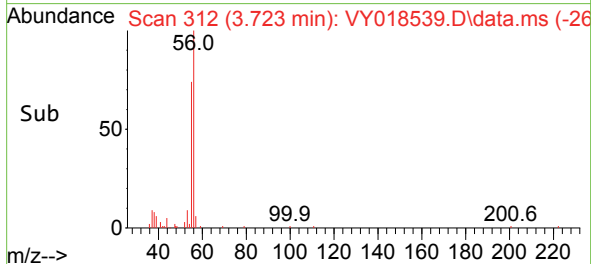
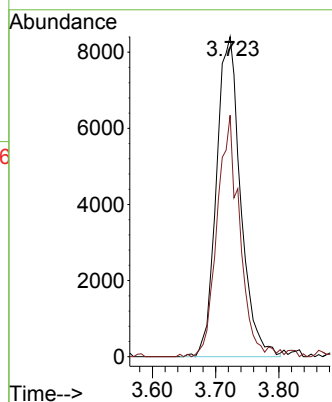
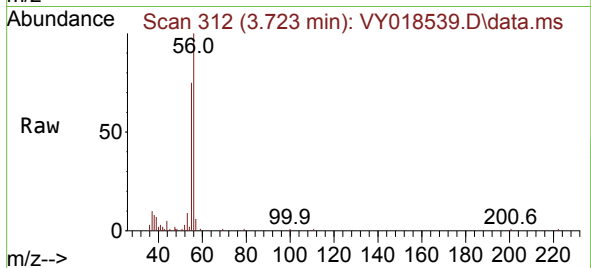
ClientSampleId :

Tgt Ion: 56 Resp: 22315

Ion Ratio Lower Upper

56 100

55 69.2 55.7 83.5



#14

Allyl chloride

Concen: 55.404 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

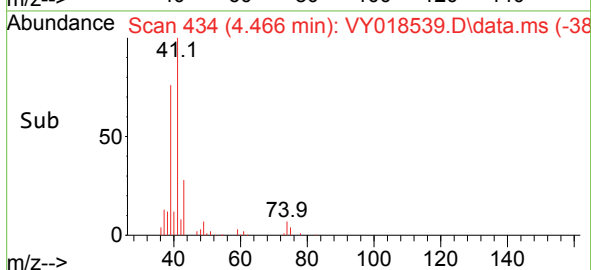
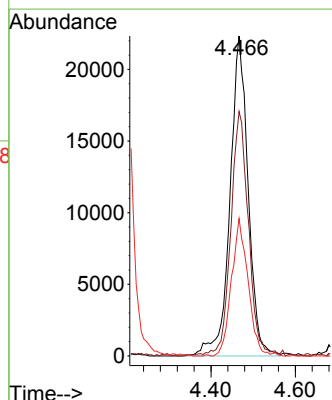
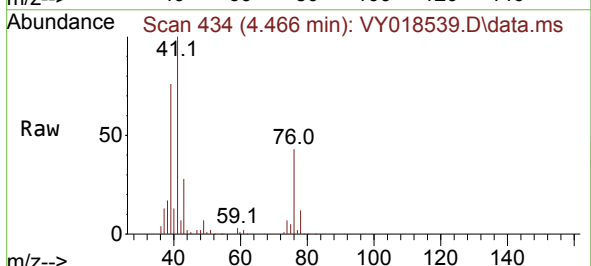
Tgt Ion: 41 Resp: 66735

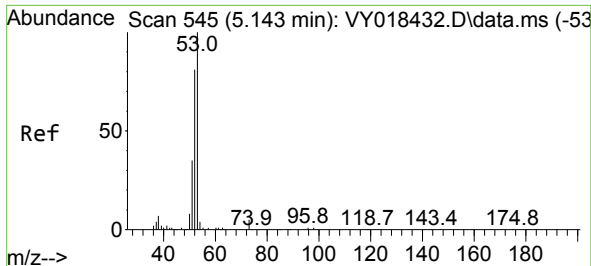
Ion Ratio Lower Upper

41 100

39 74.6 58.3 87.5

76 39.4 39.0 58.6

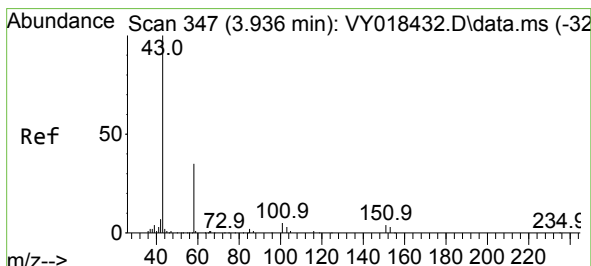
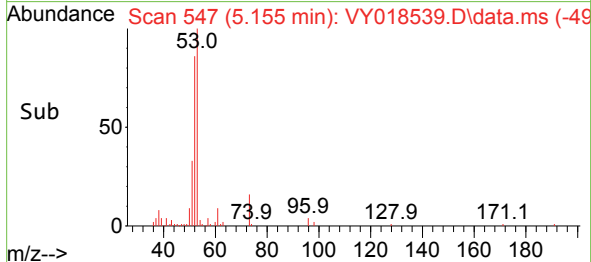
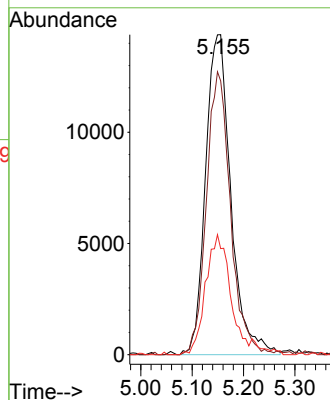
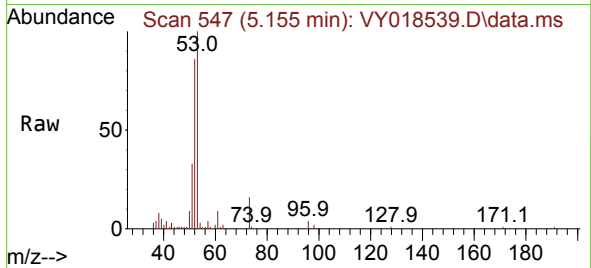




#15
Acrylonitrile
Concen: 248.749 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

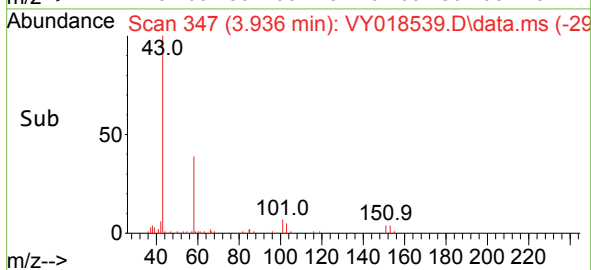
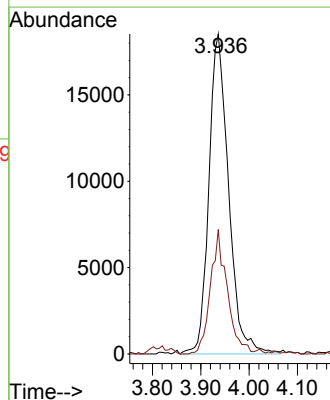
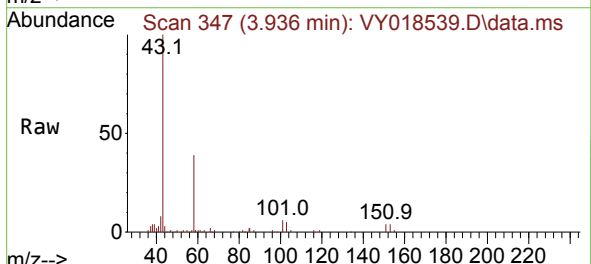
Instrument :
MSVOA_Y
ClientSampleId :

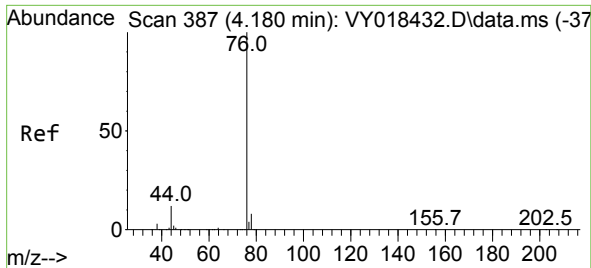
Tgt Ion: 53 Resp: 49186
Ion Ratio Lower Upper
53 100
52 84.0 64.7 97.1
51 36.2 28.4 42.6



#16
Acetone
Concen: 306.793 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Tgt Ion: 43 Resp: 52425
Ion Ratio Lower Upper
43 100
58 39.2 31.7 47.5

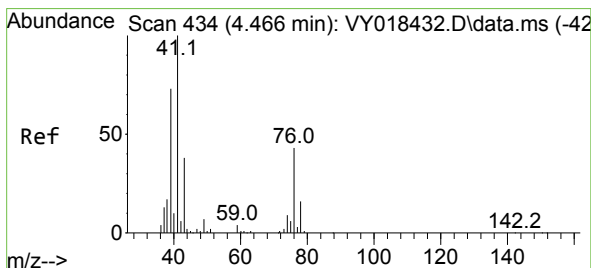
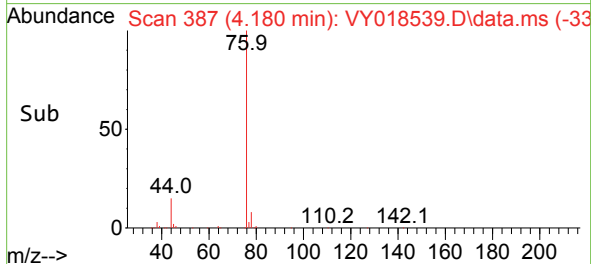
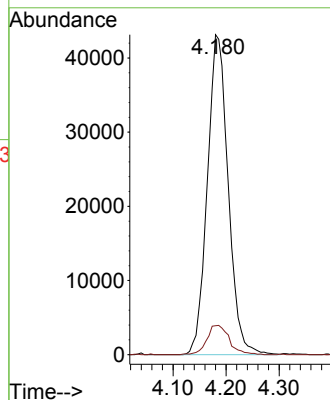
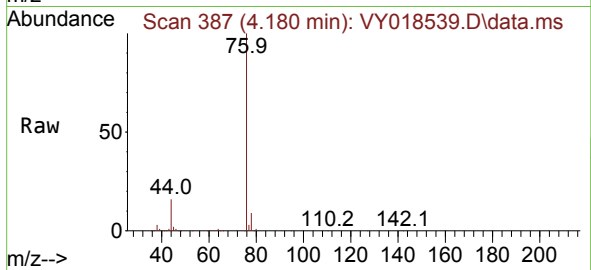




#17
Carbon Disulfide
Concen: 48.868 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

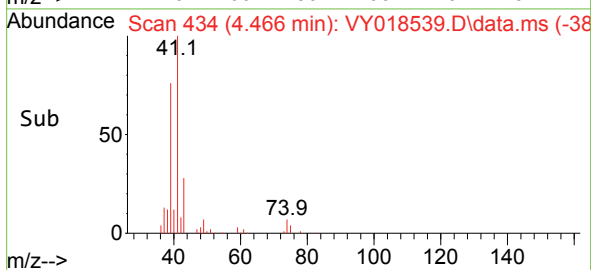
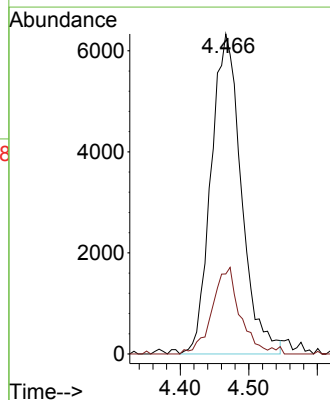
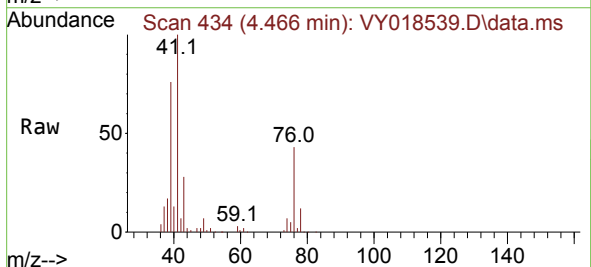
Instrument :
MSVOA_Y
ClientSampleId :

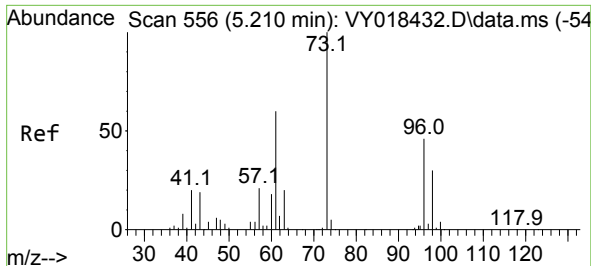
Tgt Ion: 76 Resp: 117900
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 45.594 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Tgt Ion: 43 Resp: 19483
Ion Ratio Lower Upper
43 100
74 24.5 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 51.041 ug/l

RT: 5.210 min Scan# 511

Delta R.T. 0.000 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Instrument :

MSVOA_Y

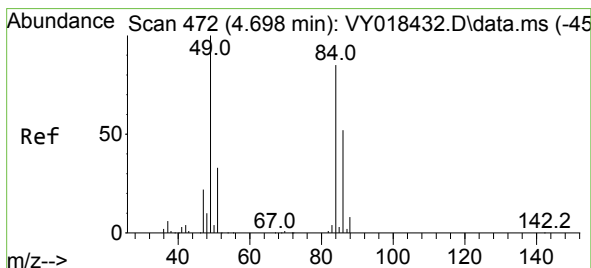
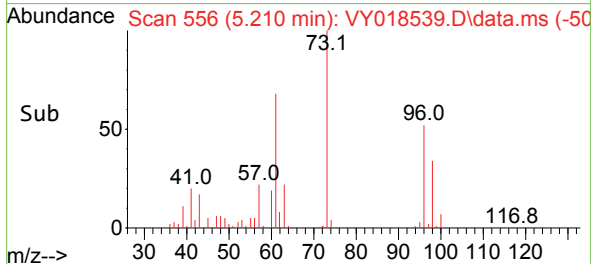
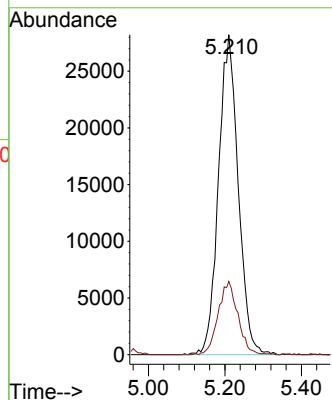
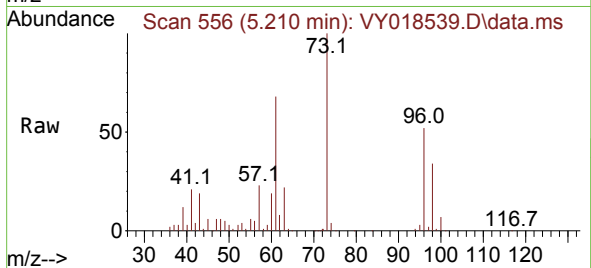
ClientSampleId :

Tgt Ion: 73 Resp: 101171

Ion Ratio Lower Upper

73 100

57 22.9 17.3 25.9



#20

Methylene Chloride

Concen: 52.365 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.006 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Tgt Ion: 84 Resp: 48892

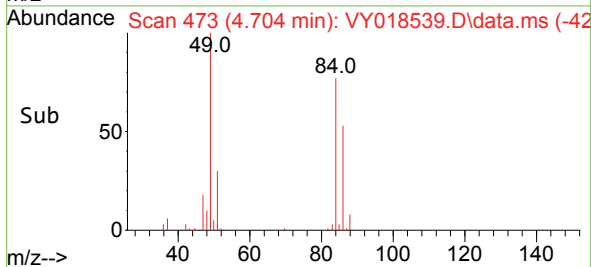
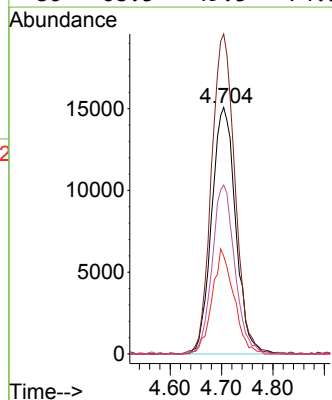
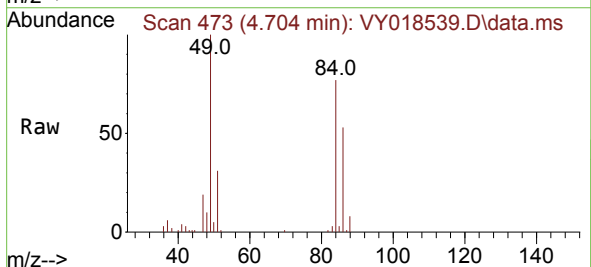
Ion Ratio Lower Upper

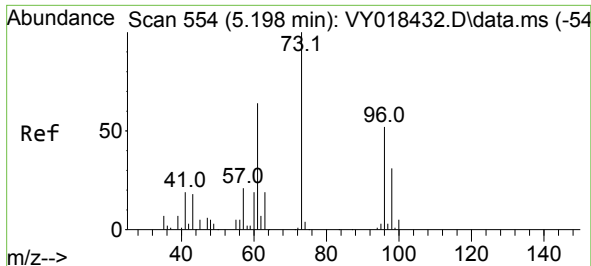
84 100

49 129.8 84.4 126.6#

51 39.7 26.0 39.0#

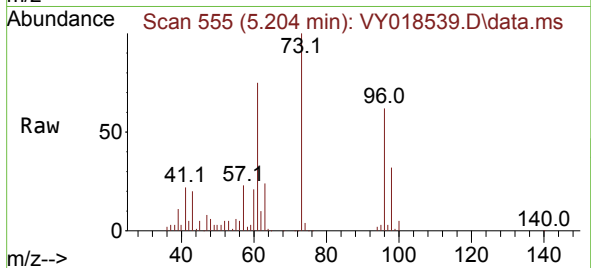
86 68.5 49.5 74.3



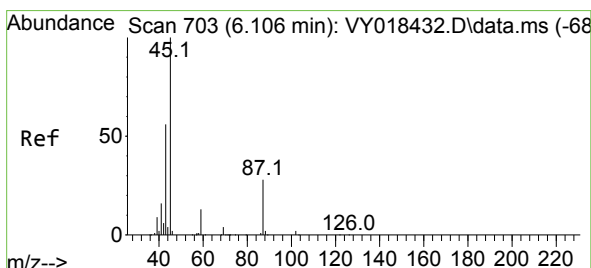
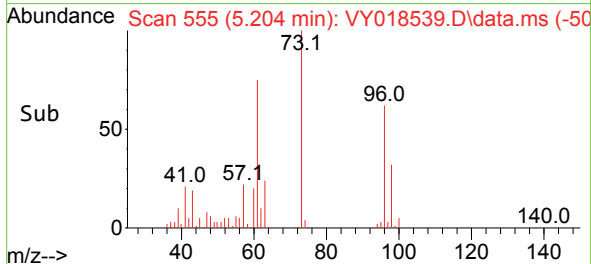
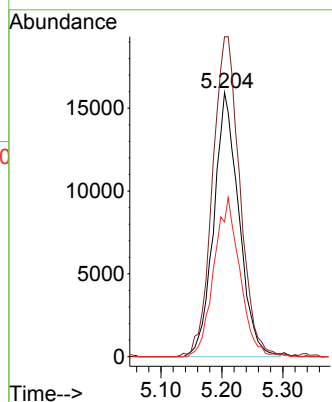


#21
trans-1,2-Dichloroethene
Concen: 51.988 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Instrument :
MSVOA_Y
ClientSampleId :

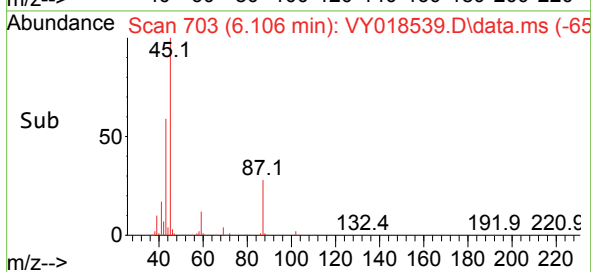
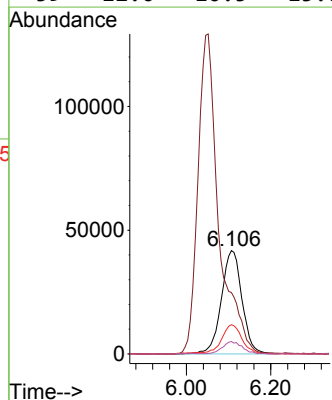
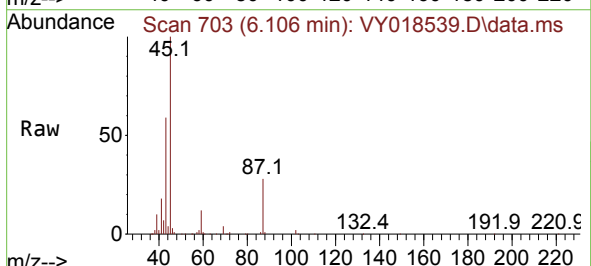


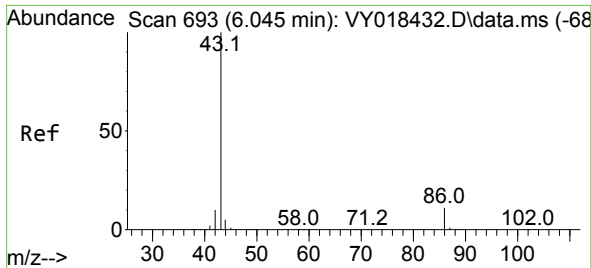
Tgt Ion: 96 Resp: 45629
Ion Ratio Lower Upper
96 100
61 120.6 97.5 146.3
98 51.0 50.5 75.7



#22
Diisopropyl ether
Concen: 57.725 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Tgt Ion: 45 Resp: 141599
Ion Ratio Lower Upper
45 100
43 58.8 42.2 63.2
87 28.1 25.0 37.6
59 12.0 10.5 15.7

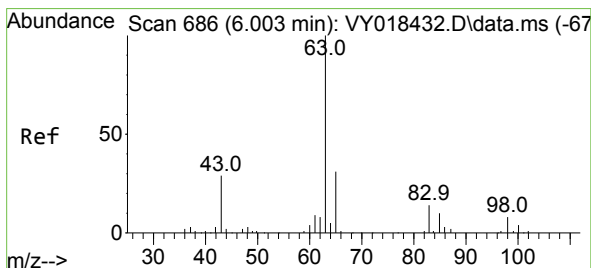
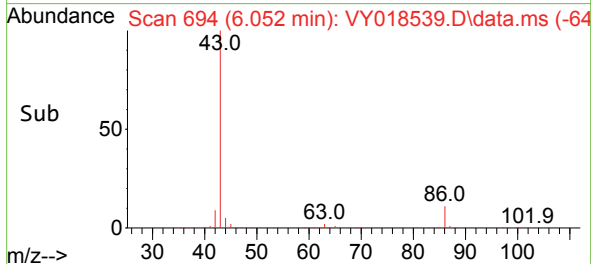
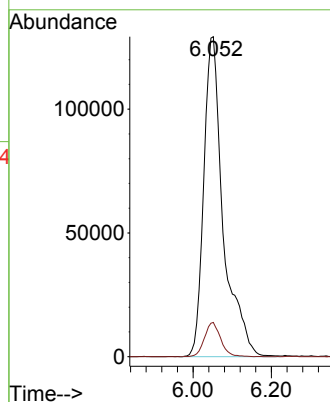
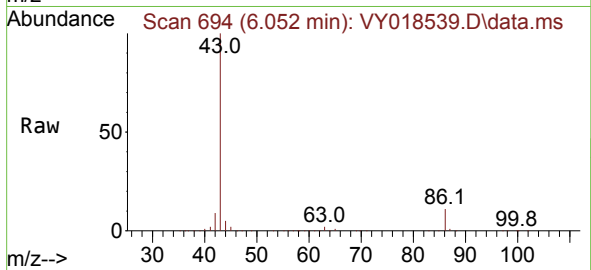




#23
 Vinyl Acetate
 Concen: 279.281 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY018539.D
 Acq: 10 Jun 2024 10:17

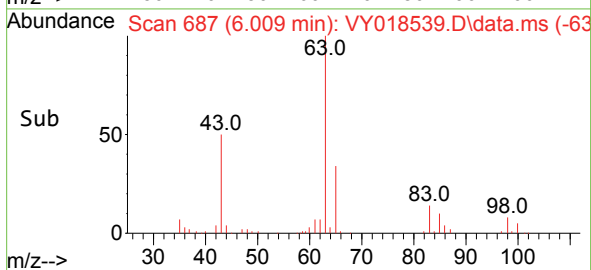
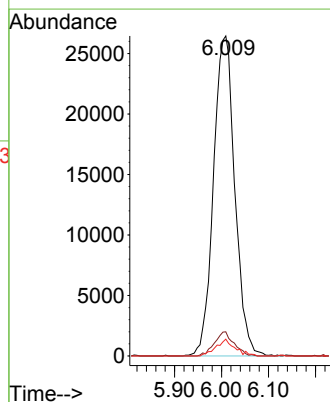
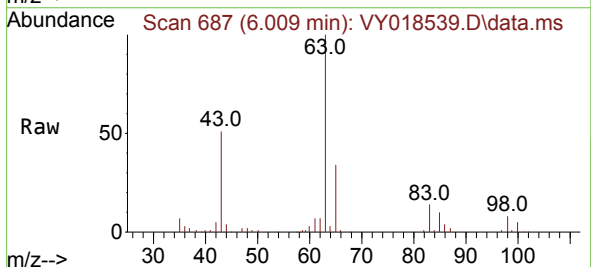
Instrument :
 MSVOA_Y
 ClientSampleId :

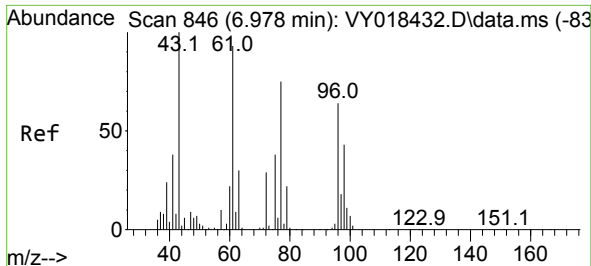
Tgt Ion: 43 Resp: 445849
 Ion Ratio Lower Upper
 43 100
 86 10.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 54.564 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY018539.D
 Acq: 10 Jun 2024 10:17

Tgt Ion: 63 Resp: 83483
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 12.2
 100 5.2 2.6 8.0

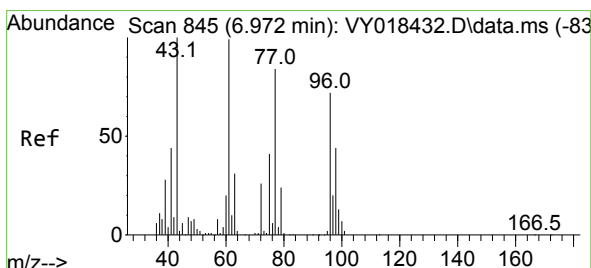
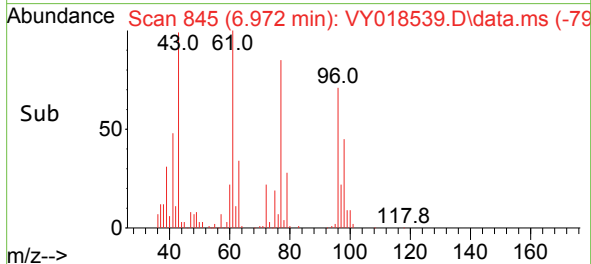
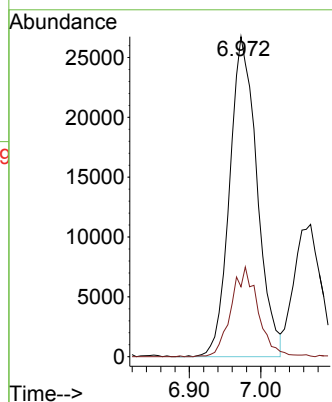
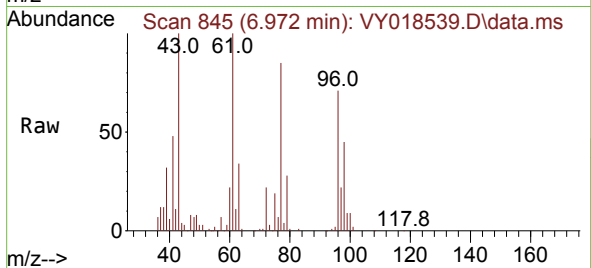




#25
2-Butanone
Concen: 271.800 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

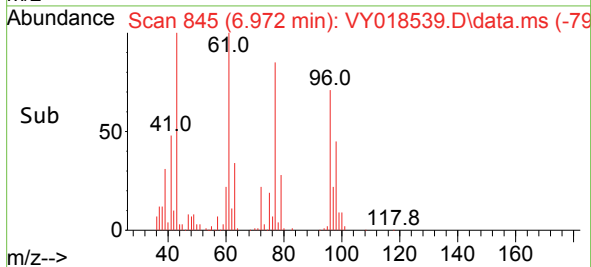
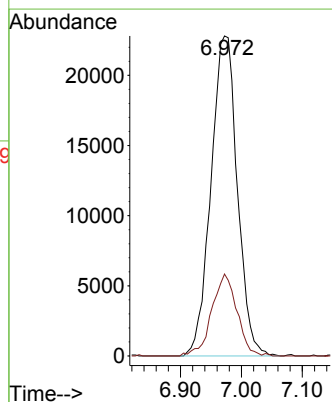
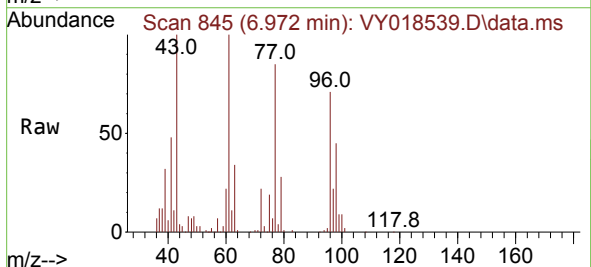
Instrument :
MSVOA_Y
ClientSampleId :

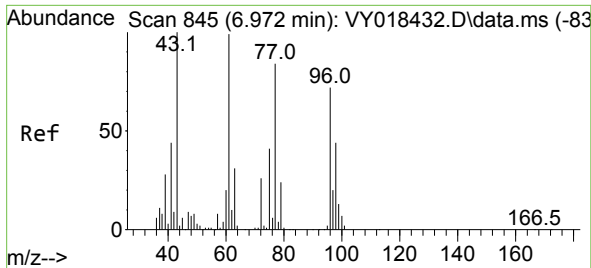
Tgt Ion: 43 Resp: 71152
Ion Ratio Lower Upper
43 100
72 21.6 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 51.028 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Tgt Ion: 77 Resp: 68620
Ion Ratio Lower Upper
77 100
97 24.5 12.0 36.1

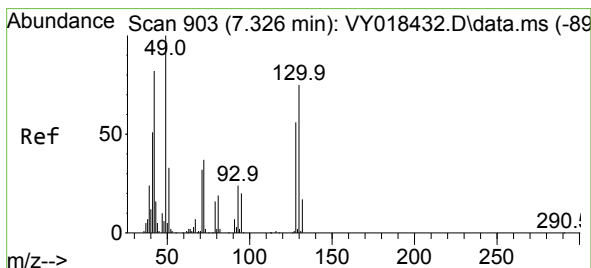
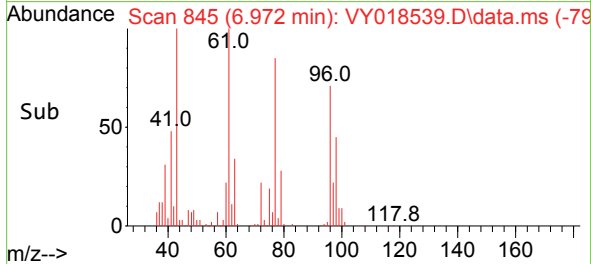
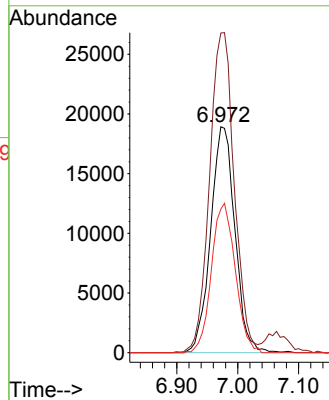
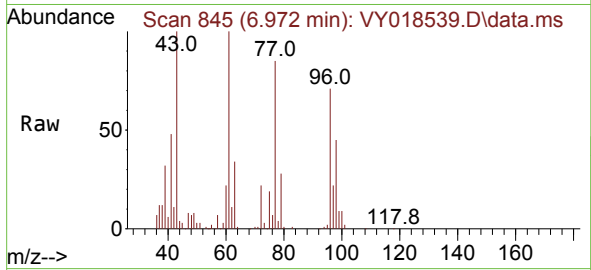




#27
 cis-1,2-Dichloroethene
 Concen: 51.428 ug/l
 RT: 6.972 min Scan# 845
 Delta R.T. 0.000 min
 Lab File: VY018539.D
 Acq: 10 Jun 2024 10:17

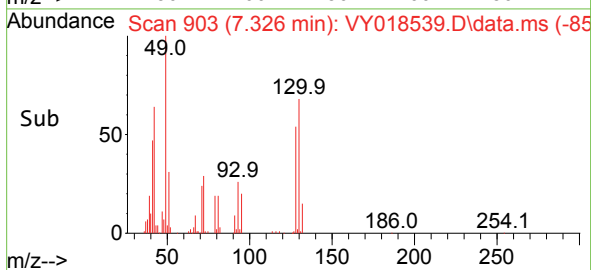
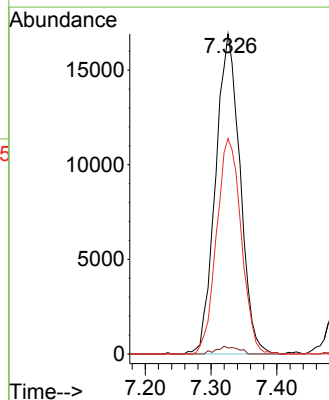
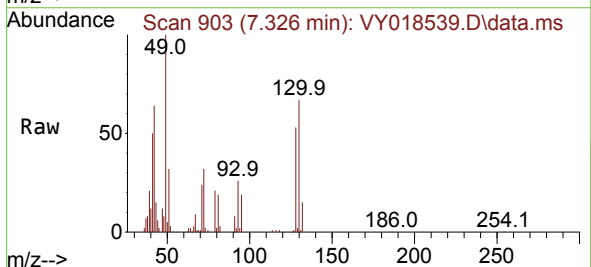
Instrument :
 MSVOA_Y
 ClientSampleId :

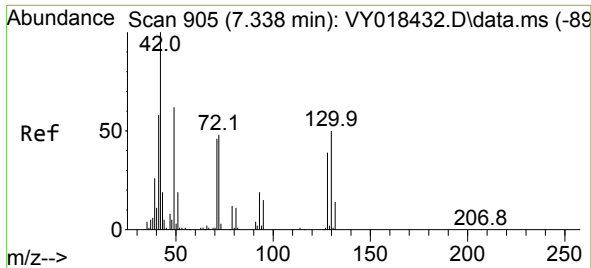
Tgt Ion: 96 Resp: 52505
 Ion Ratio Lower Upper
 96 100
 61 144.1 0.0 256.2
 98 64.8 0.0 130.0



#28
 Bromochloromethane
 Concen: 62.189 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VY018539.D
 Acq: 10 Jun 2024 10:17

Tgt Ion: 49 Resp: 43786
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 67.8 72.7 109.1#

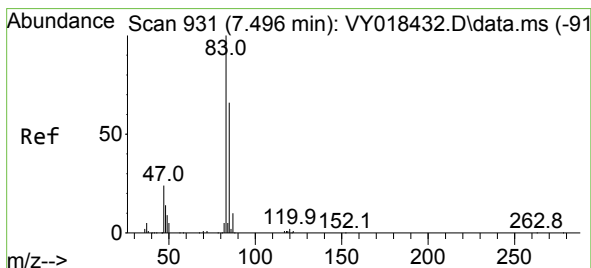
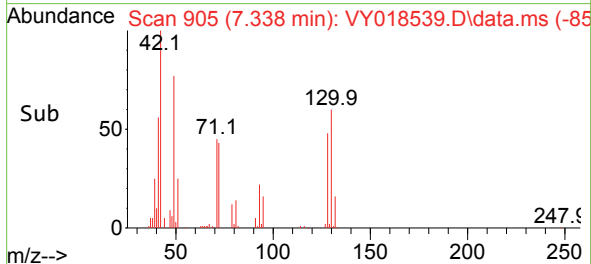
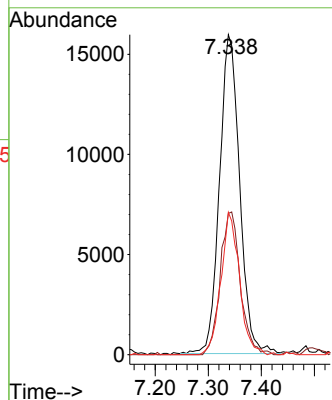
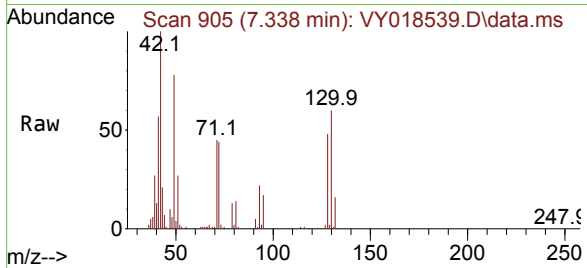




#29
Tetrahydrofuran
Concen: 247.380 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

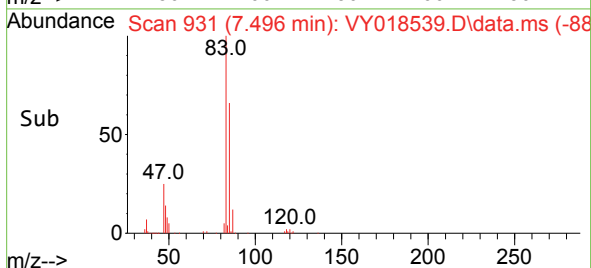
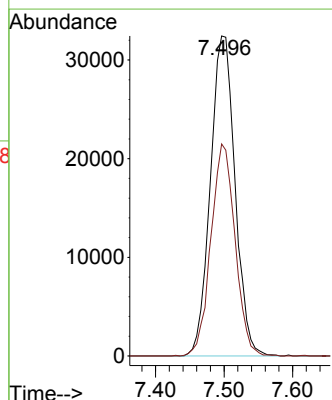
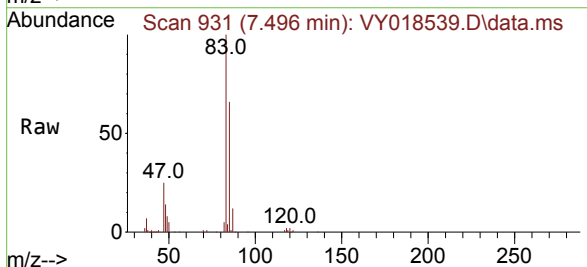
Instrument :
MSVOA_Y
ClientSampleId :

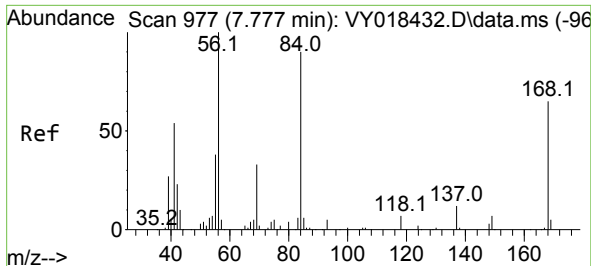
Tgt Ion: 42 Resp: 42057
Ion Ratio Lower Upper
42 100
72 44.7 43.0 64.4
71 41.3 40.8 61.2



#30
Chloroform
Concen: 52.888 ug/l
RT: 7.496 min Scan# 931
Delta R.T. 0.000 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

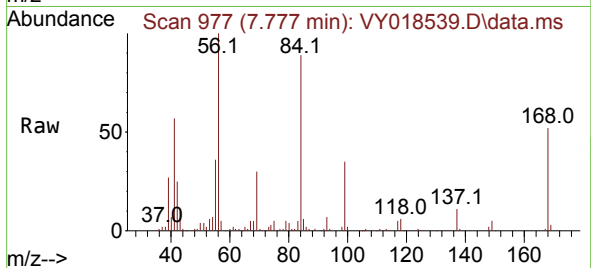
Tgt Ion: 83 Resp: 81159
Ion Ratio Lower Upper
83 100
85 66.3 52.2 78.4



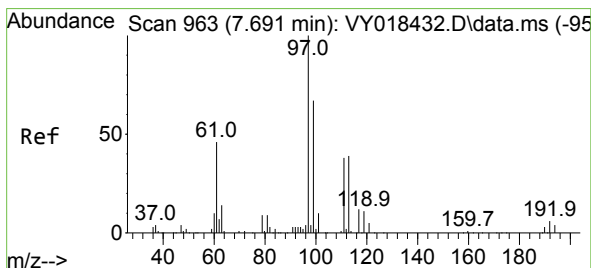
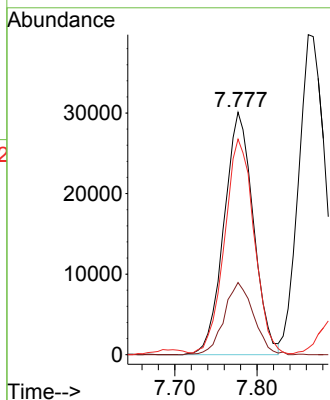
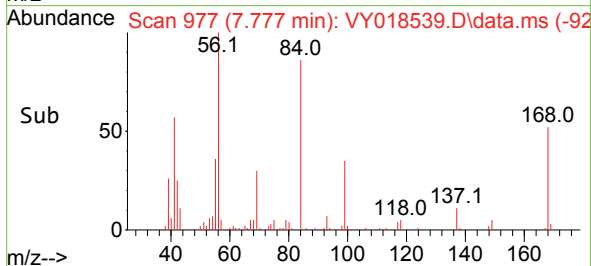


#31
Cyclohexane
Concen: 52.009 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Instrument :
MSVOA_Y
ClientSampleId :

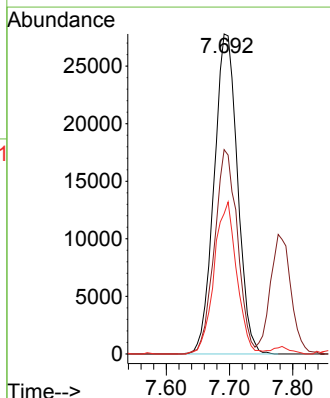
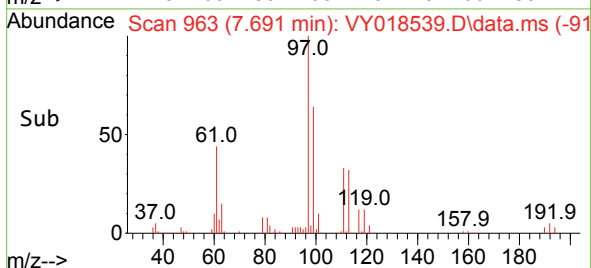
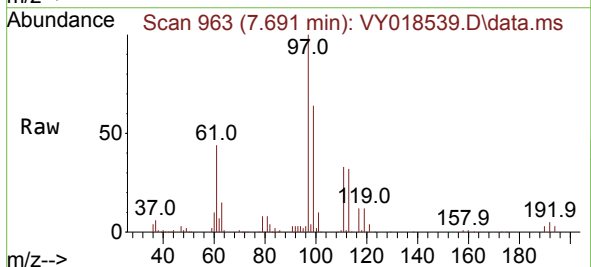


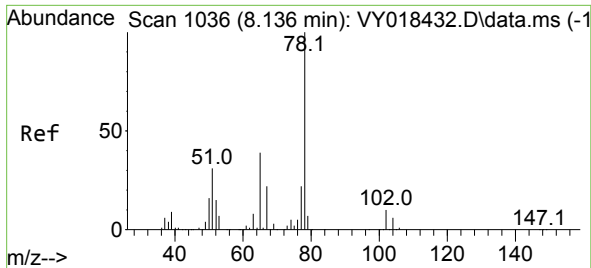
Tgt Ion: 56 Resp: 74658
Ion Ratio Lower Upper
56 100
69 29.8 28.7 43.1
84 87.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 53.080 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Tgt Ion: 97 Resp: 71342
Ion Ratio Lower Upper
97 100
99 62.8 50.3 75.5
61 45.9 32.6 48.8

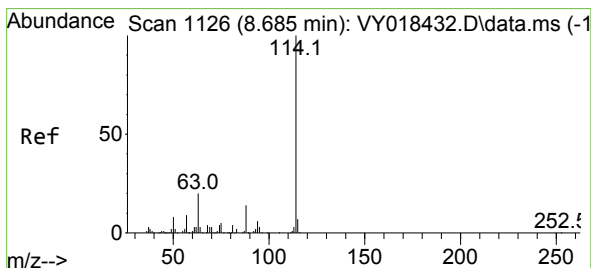
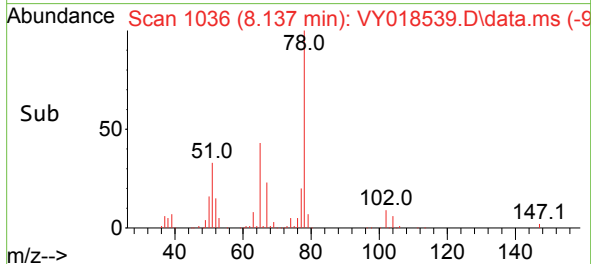
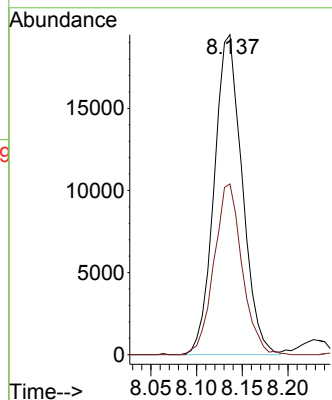
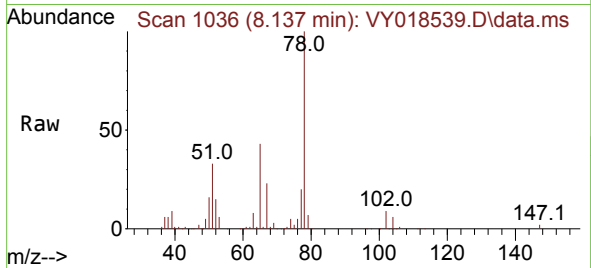




#33
 1,2-Dichloroethane-d4
 Concen: 53.963 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018539.D
 Acq: 10 Jun 2024 10:17

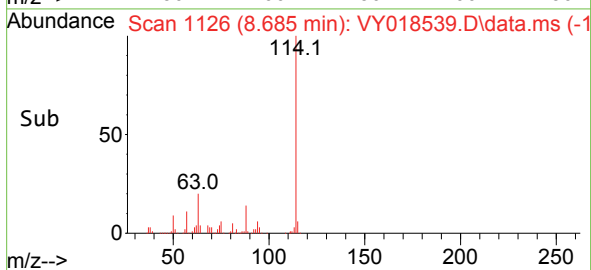
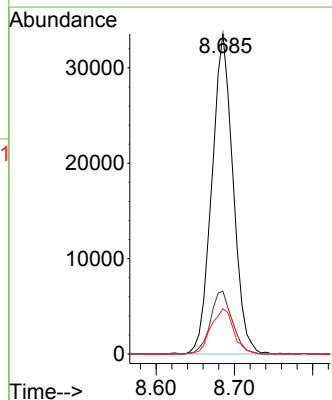
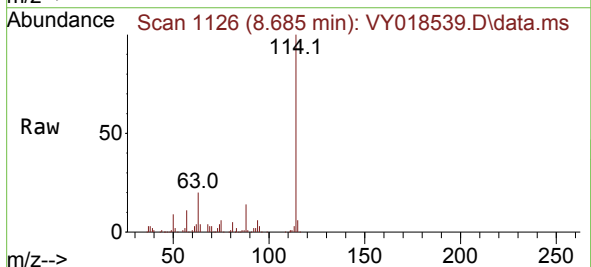
Instrument :
 MSVOA_Y
 ClientSampleId :

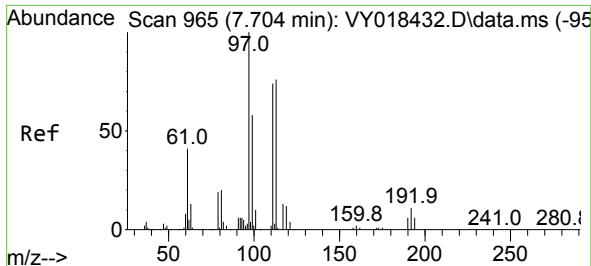
Tgt Ion: 65 Resp: 41546
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018539.D
 Acq: 10 Jun 2024 10:17

Tgt Ion: 114 Resp: 63015
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 35.0
 88 14.2 0.0 27.2

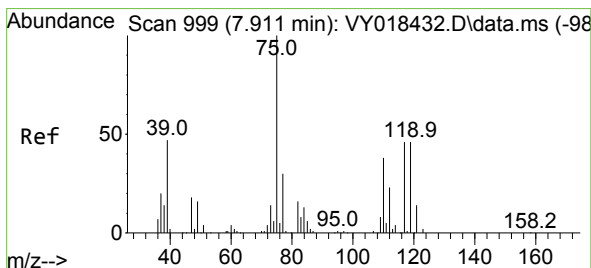
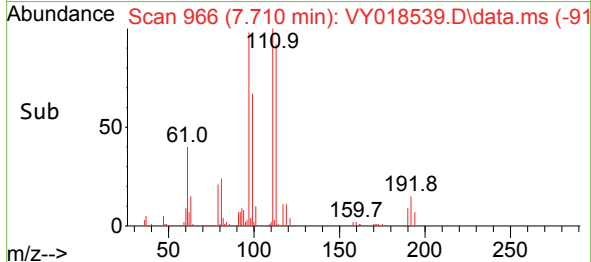
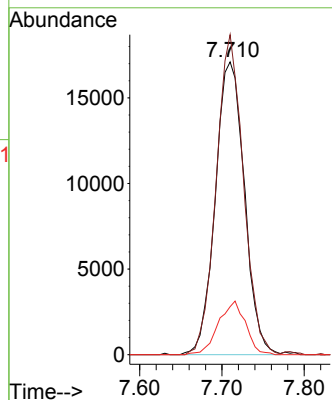
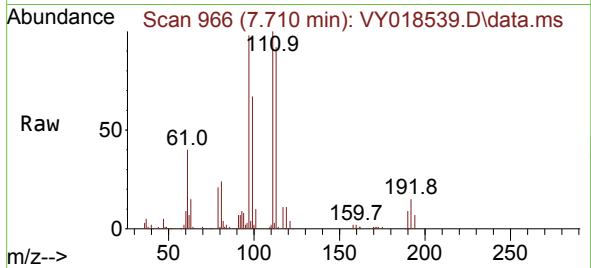




#35
Dibromofluoromethane
Concen: 52.605 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

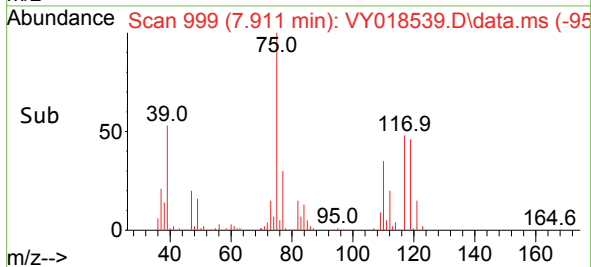
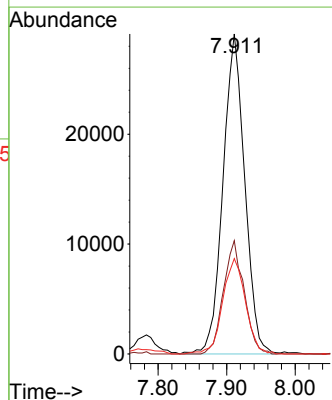
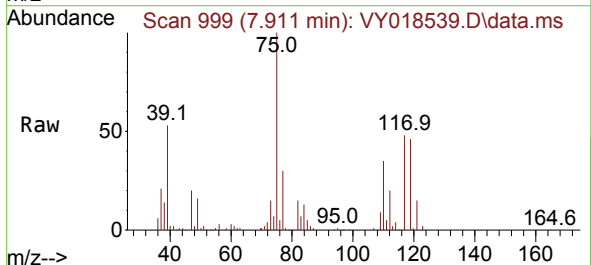
Instrument :
MSVOA_Y
ClientSampleId :

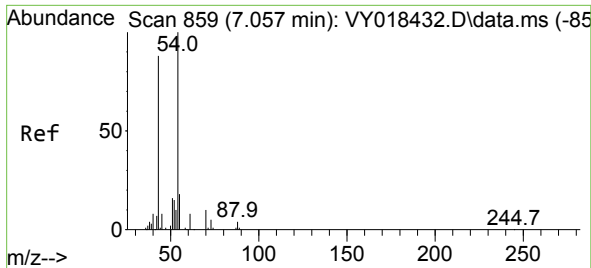
Tgt Ion:113 Resp: 42035
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 17.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 52.713 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Tgt Ion: 75 Resp: 64225
Ion Ratio Lower Upper
75 100
110 33.6 19.0 57.0
77 31.2 25.3 37.9

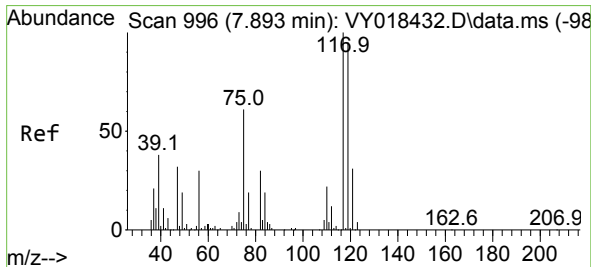
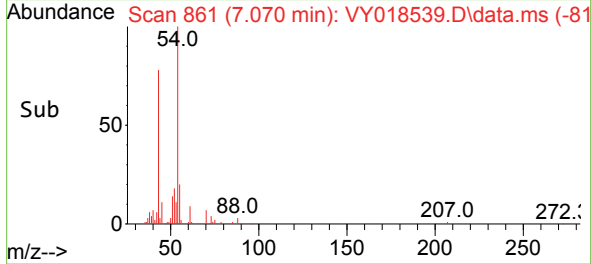
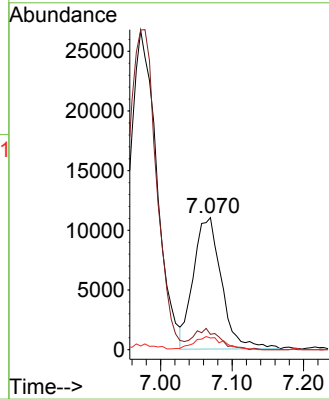
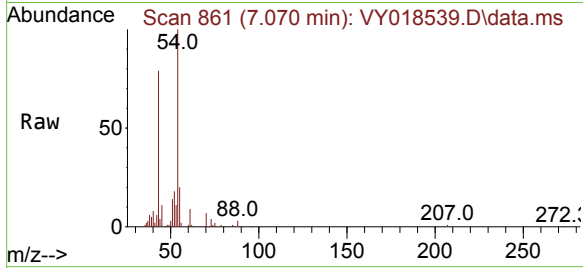




#37
Ethyl Acetate
Concen: 49.347 ug/l
RT: 7.070 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

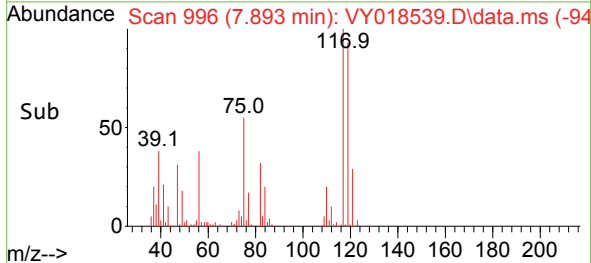
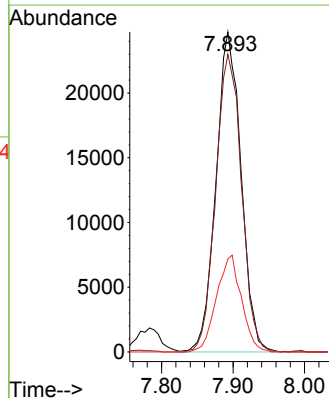
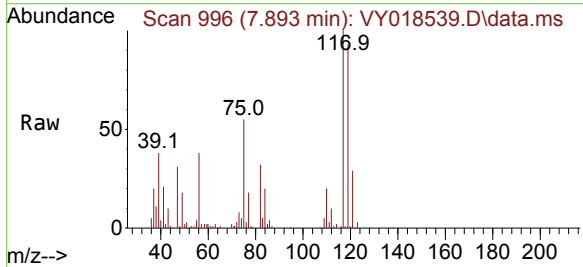
Instrument :
MSVOA_Y
ClientSampleId :

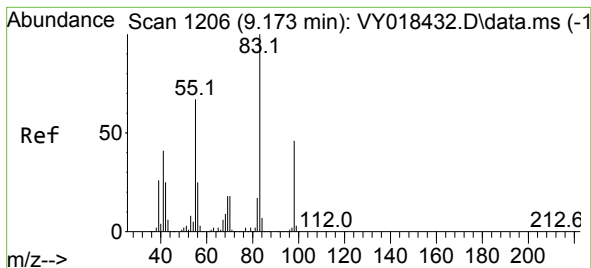
Tgt Ion: 43 Resp: 30036
Ion Ratio Lower Upper
43 100
61 14.8 12.6 19.0
70 10.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 49.289 ug/l
RT: 7.893 min Scan# 996
Delta R.T. 0.000 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Tgt Ion: 117 Resp: 60179
Ion Ratio Lower Upper
117 100
119 93.0 75.8 113.6
121 29.1 24.0 36.0





#39

Methylcyclohexane

Concen: 51.161 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

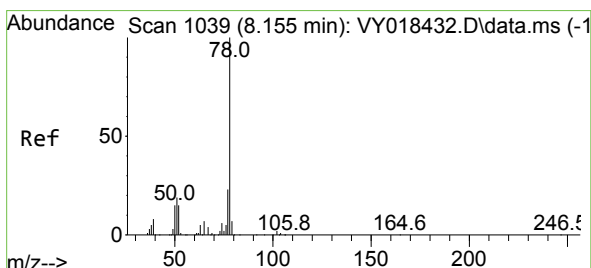
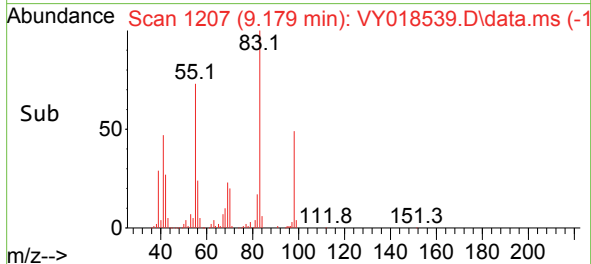
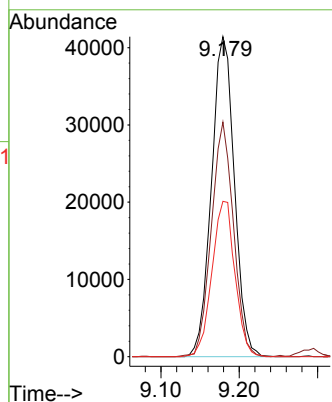
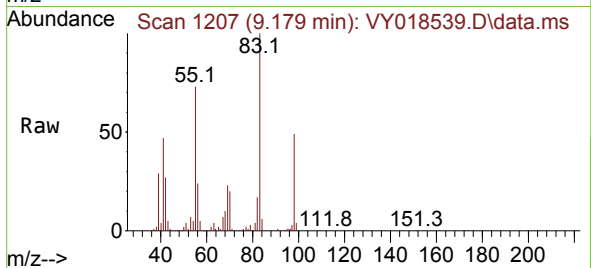
Tgt Ion: 83 Resp: 84266

Ion Ratio Lower Upper

83 100

55 73.1 51.5 77.3

98 48.6 40.5 60.7



#40

Benzene

Concen: 51.898 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018539.D

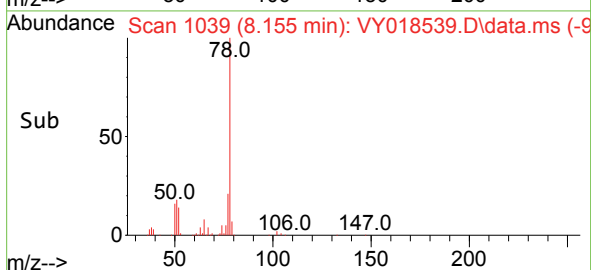
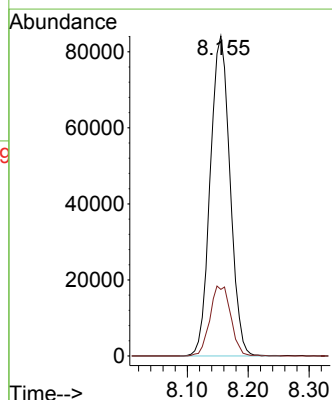
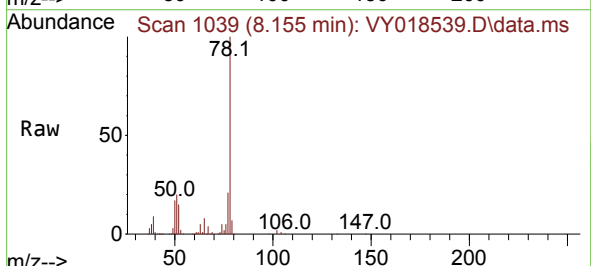
Acq: 10 Jun 2024 10:17

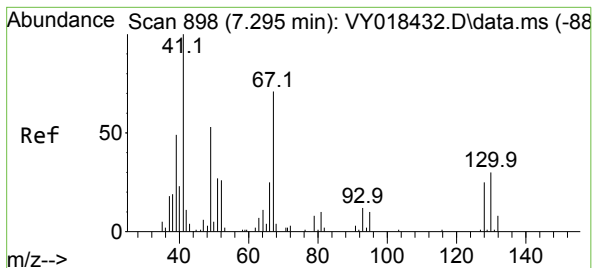
Tgt Ion: 78 Resp: 189460

Ion Ratio Lower Upper

78 100

77 20.8 19.5 29.3





#41

Methacrylonitrile

Concen: 55.579 ug/l

RT: 7.295 min Scan# 898

Delta R.T. 0.000 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 41 Resp: 16455

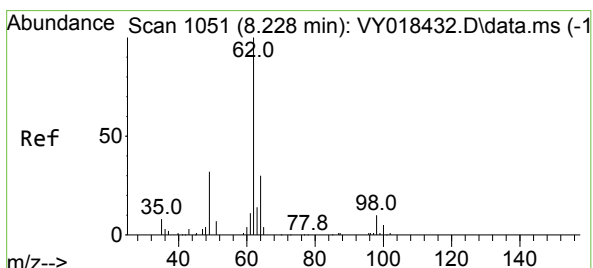
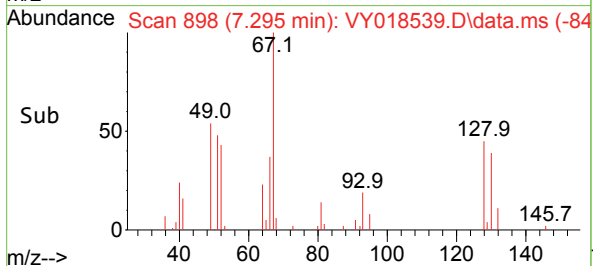
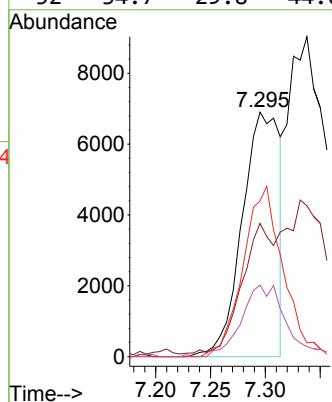
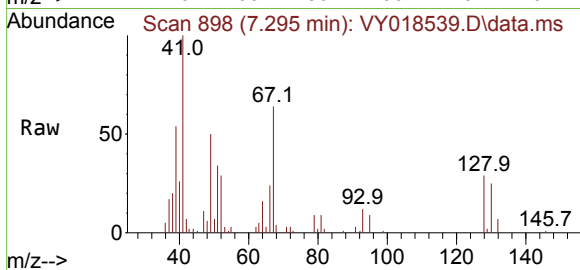
Ion Ratio Lower Upper

41 100

39 44.2 48.0 72.0#

67 74.1 75.1 112.7#

52 34.7 29.8 44.6



#42

1,2-Dichloroethane

Concen: 52.481 ug/l

RT: 8.228 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VY018539.D

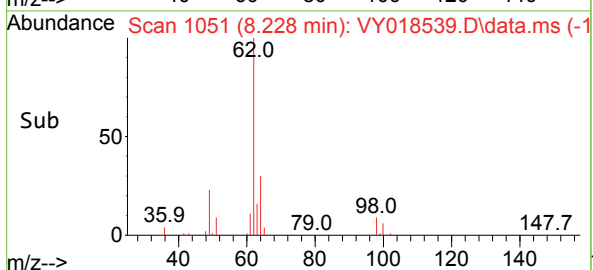
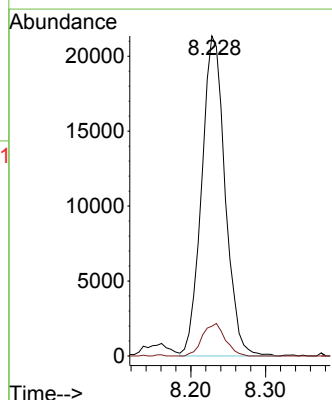
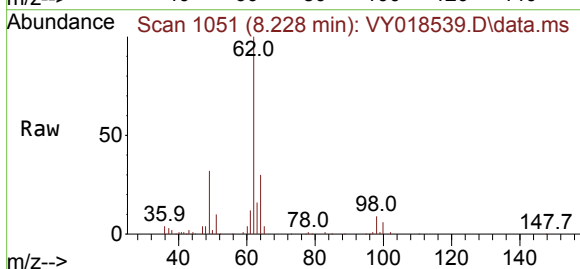
Acq: 10 Jun 2024 10:17

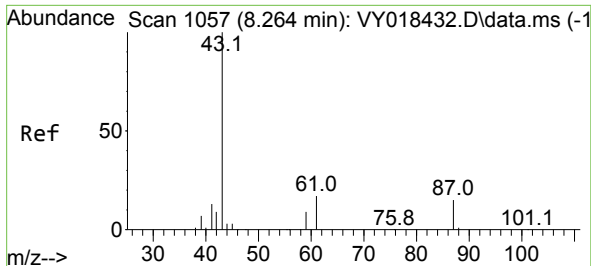
Tgt Ion: 62 Resp: 46579

Ion Ratio Lower Upper

62 100

98 9.9 0.0 22.0

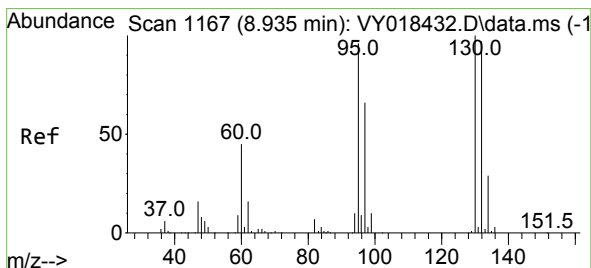
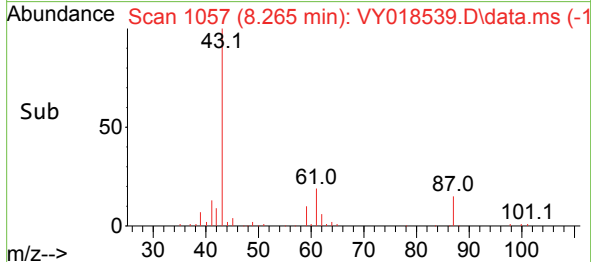
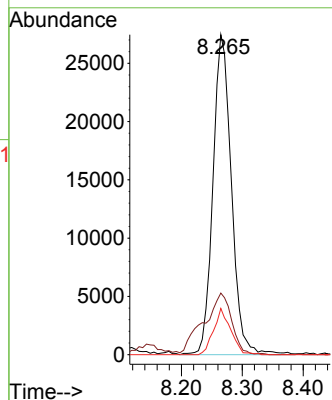
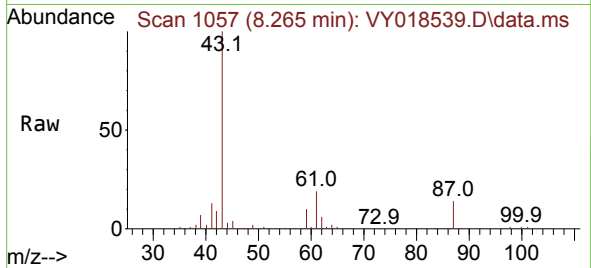




#43
Isopropyl Acetate
Concen: 50.789 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

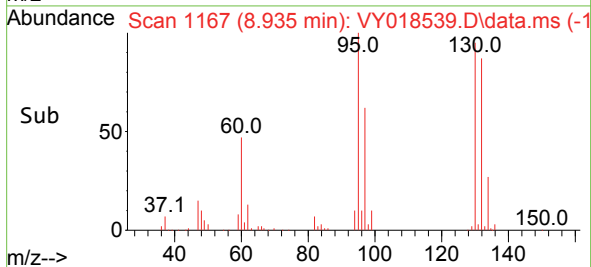
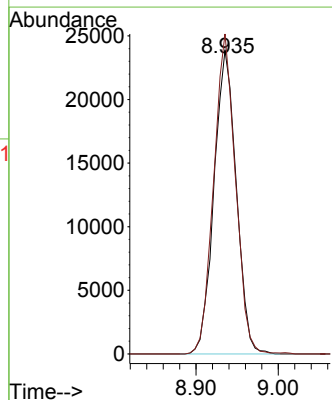
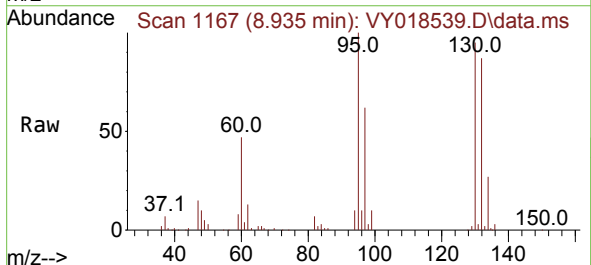
Instrument :
MSVOA_Y
ClientSampleId :

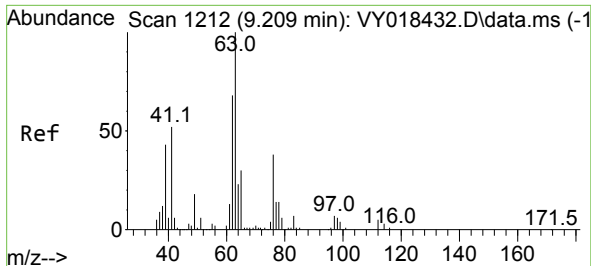
Tgt Ion: 43 Resp: 57803
Ion Ratio Lower Upper
43 100
61 29.2 27.9 41.9
87 13.4 13.1 19.7



#44
Trichloroethene
Concen: 49.655 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Tgt Ion:130 Resp: 44922
Ion Ratio Lower Upper
130 100
95 105.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 53.624 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Instrument :

MSVOA_Y

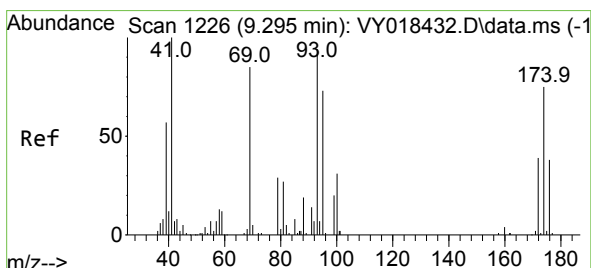
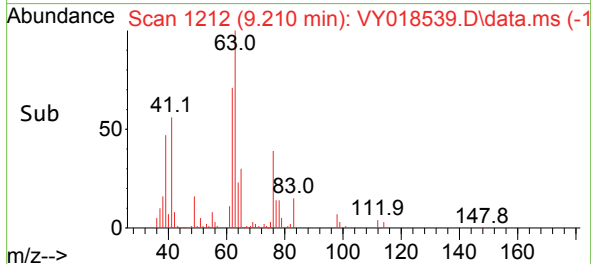
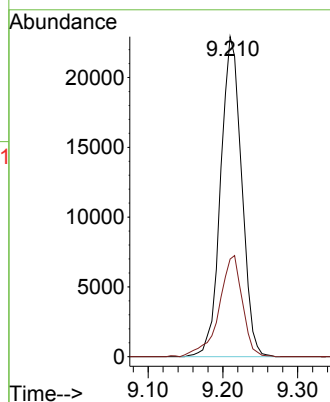
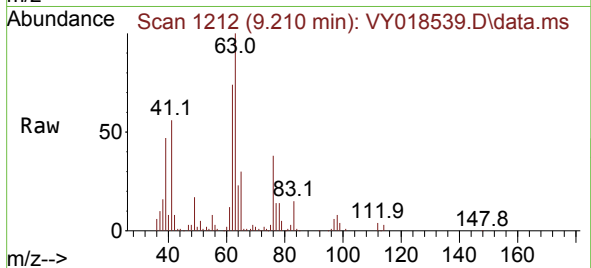
ClientSampleId :

Tgt Ion: 63 Resp: 44770

Ion Ratio Lower Upper

63 100

65 30.5 25.4 38.2



#46

Dibromomethane

Concen: 50.066 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

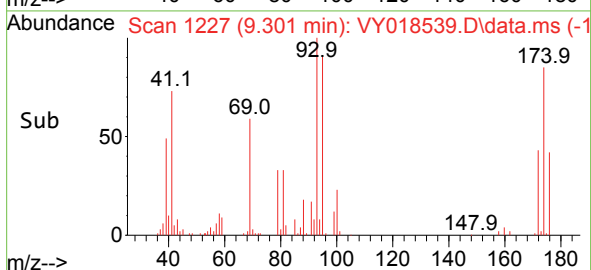
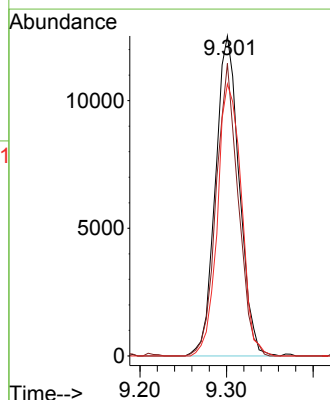
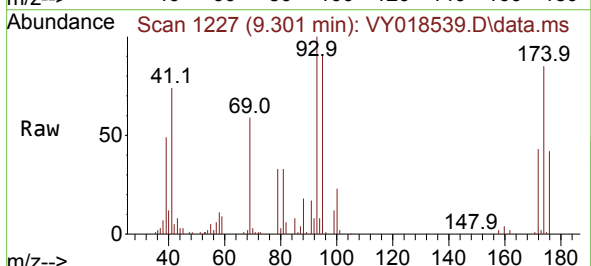
Tgt Ion: 93 Resp: 23965

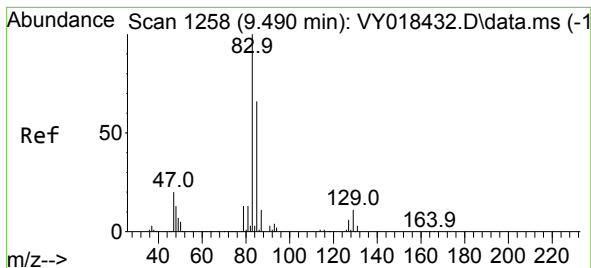
Ion Ratio Lower Upper

93 100

95 84.7 66.2 99.4

174 84.9 80.9 121.3





#47

Bromodichloromethane

Concen: 53.718 ug/l

RT: 9.496 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

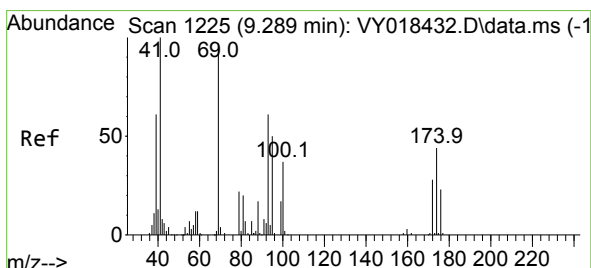
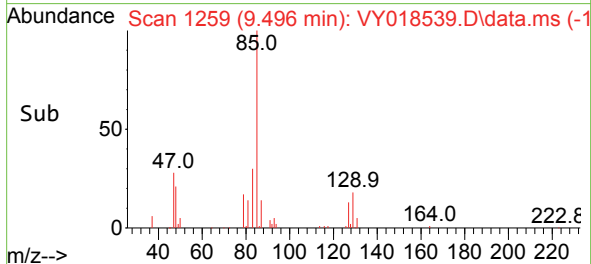
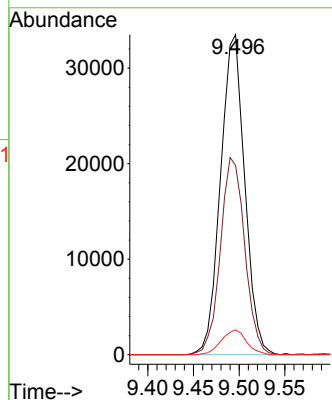
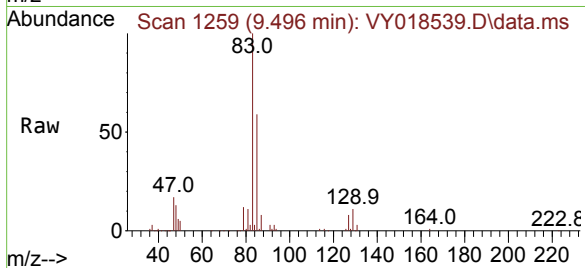
Tgt Ion: 83 Resp: 61723

Ion Ratio Lower Upper

83 100

85 59.2 50.1 75.1

127 7.8 7.4 11.0



#48

Methyl methacrylate

Concen: 48.622 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

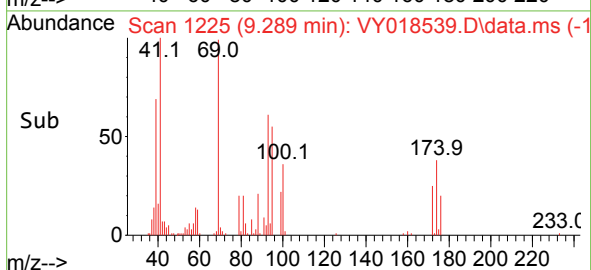
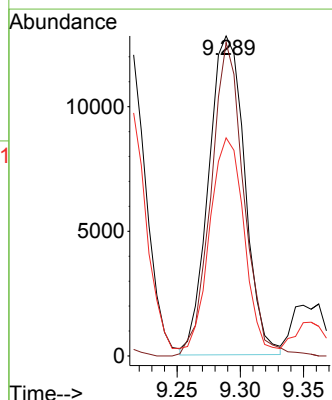
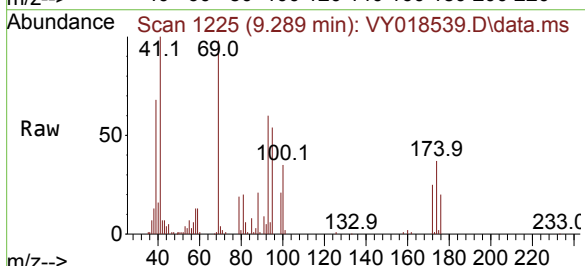
Tgt Ion: 41 Resp: 25460

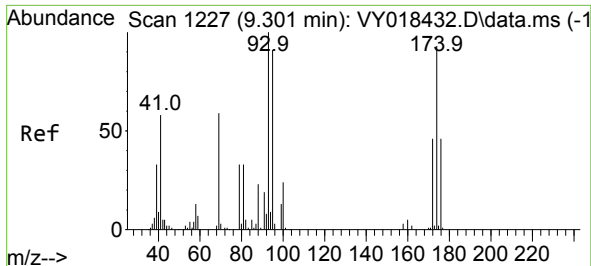
Ion Ratio Lower Upper

41 100

69 89.3 84.1 126.1

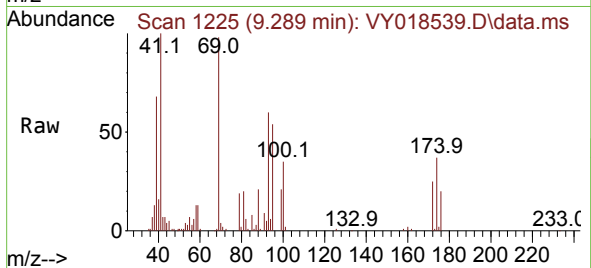
39 61.8 43.6 65.4



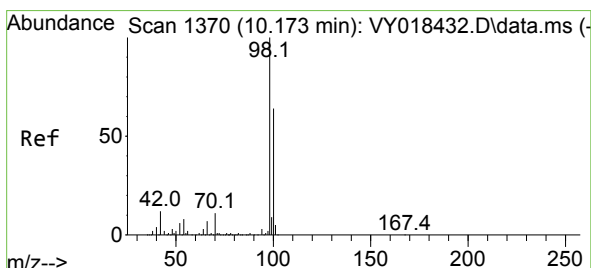
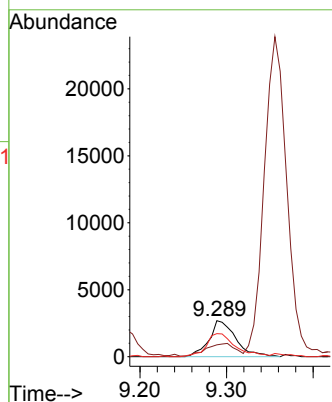
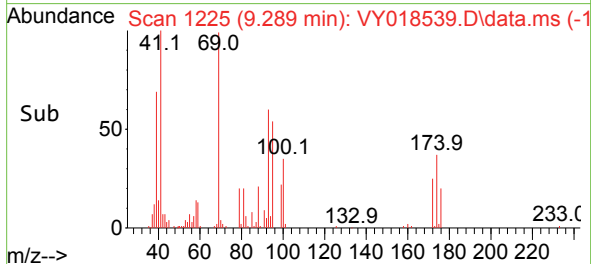


#49
1,4-Dioxane
Concen: 914.747 ug/l
RT: 9.289 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Instrument :
MSVOA_Y
ClientSampleId :

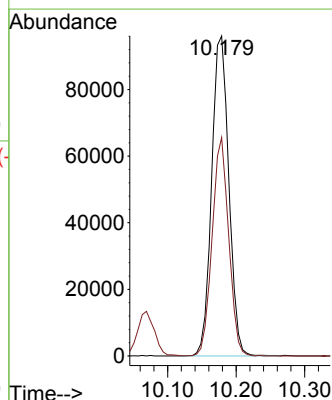
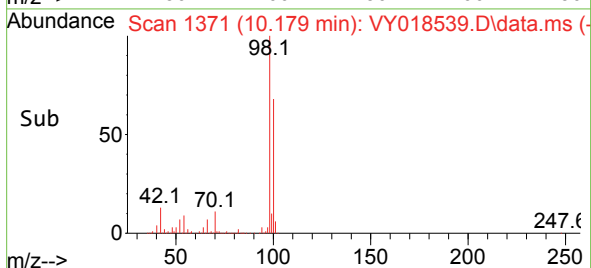
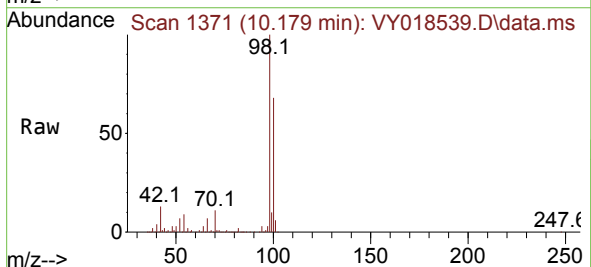


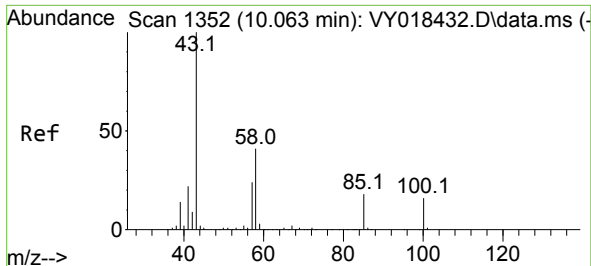
Tgt Ion: 88 Resp: 5750
Ion Ratio Lower Upper
88 100
43 38.4 0.0 0.0#
58 69.6 49.3 73.9



#50
Toluene-d8
Concen: 52.449 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Tgt Ion: 98 Resp: 166731
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0

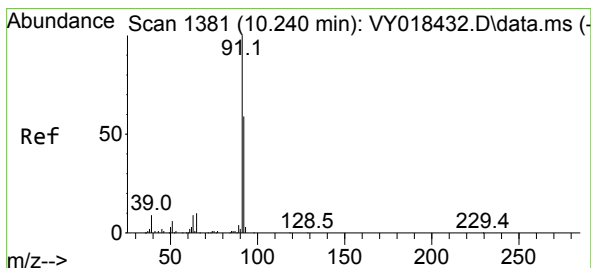
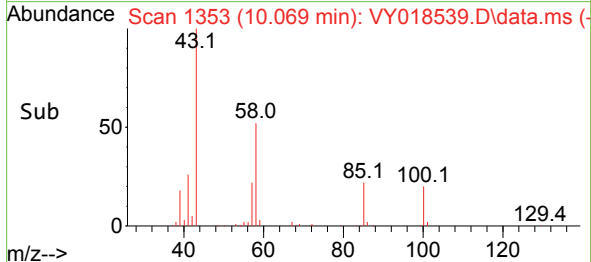
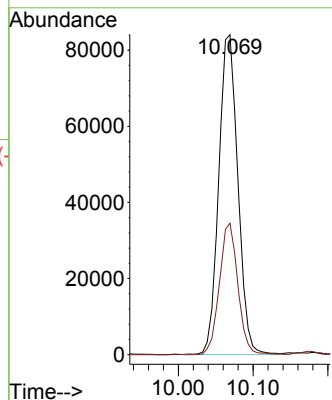
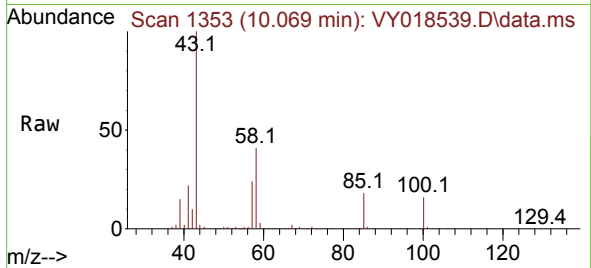




#51
4-Methyl-2-Pentanone
Concen: 253.385 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

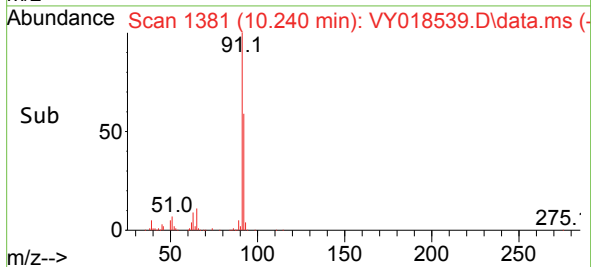
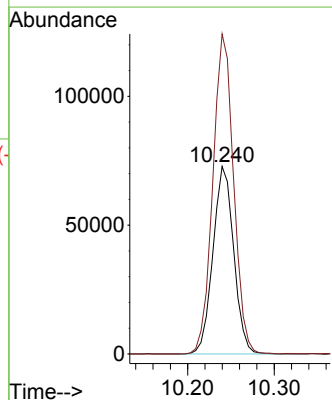
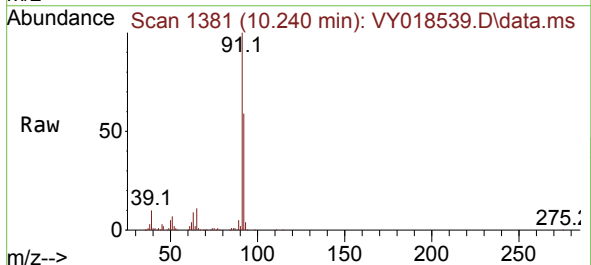
Instrument :
MSVOA_Y
ClientSampleId :

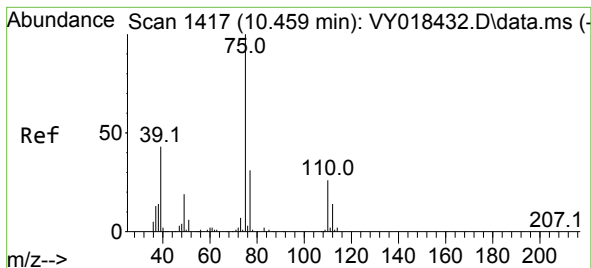
Tgt Ion: 43 Resp: 149744
Ion Ratio Lower Upper
43 100
58 39.7 35.7 53.5



#52
Toluene
Concen: 53.948 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

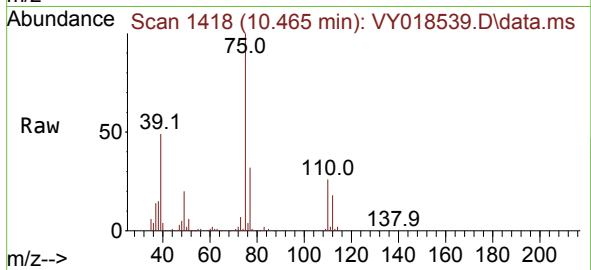
Tgt Ion: 92 Resp: 121131
Ion Ratio Lower Upper
92 100
91 170.7 139.0 208.6



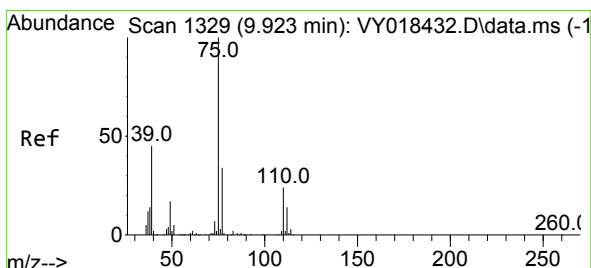
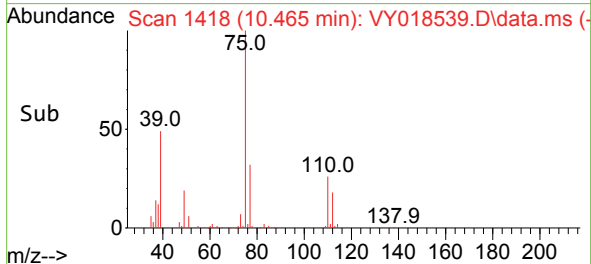
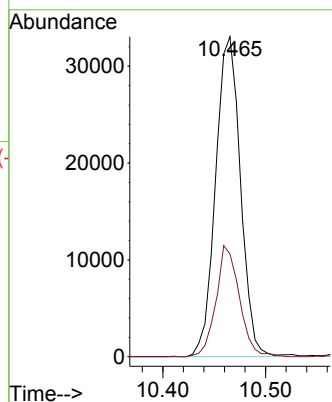


#53
 t-1,3-Dichloropropene
 Concen: 52.598 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY018539.D
 Acq: 10 Jun 2024 10:17

Instrument :
 MSVOA_Y
 ClientSampleId :

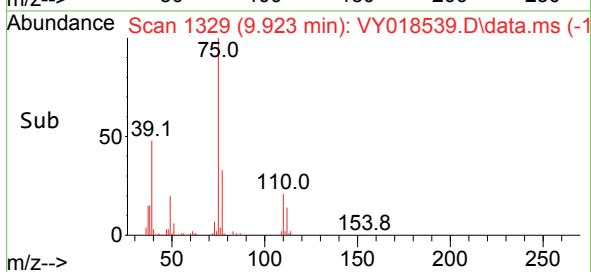
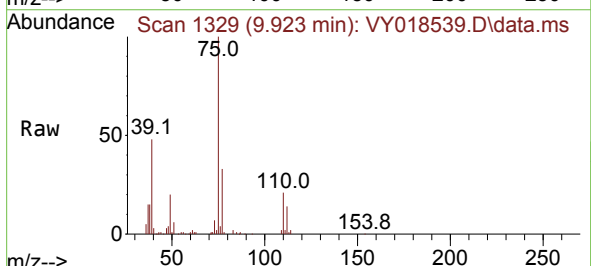
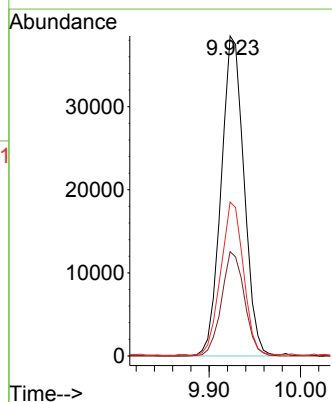


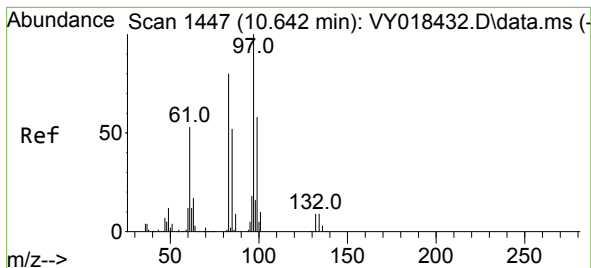
Tgt Ion: 75 Resp: 55500
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 51.629 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY018539.D
 Acq: 10 Jun 2024 10:17

Tgt Ion: 75 Resp: 67077
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.0
 39 47.7 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 48.391 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

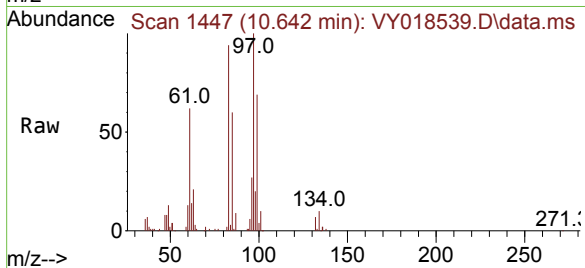
Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 30136

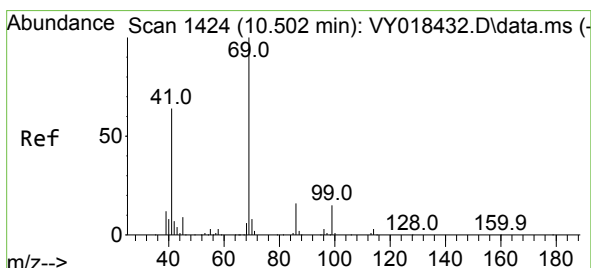
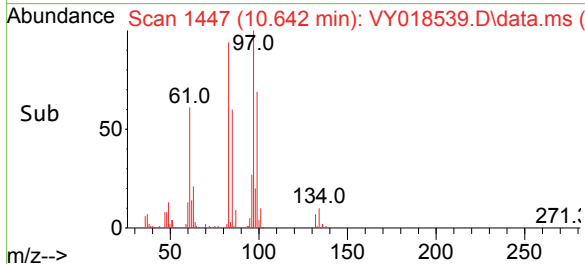
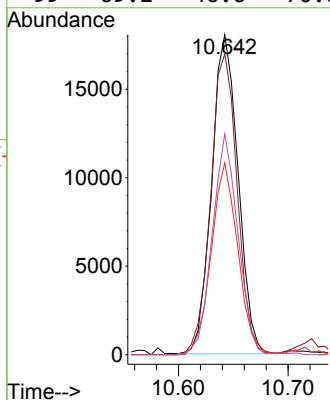
Ion Ratio Lower Upper

97 100

83 94.3 67.5 101.3

85 60.1 42.9 64.3

99 69.2 46.6 70.0



#56

Ethyl methacrylate

Concen: 51.712 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

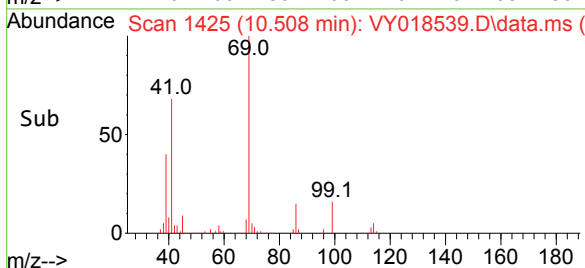
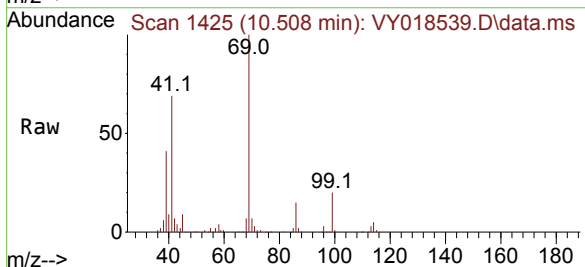
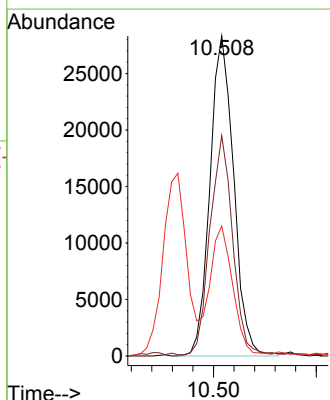
Tgt Ion: 69 Resp: 45318

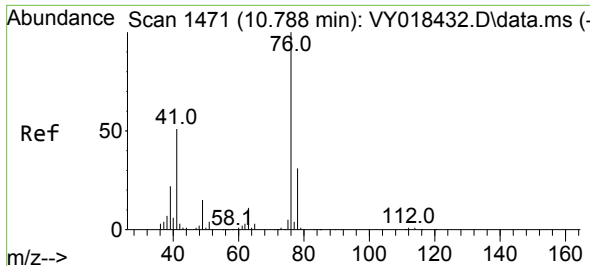
Ion Ratio Lower Upper

69 100

41 65.2 42.3 63.5#

39 39.0 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 53.524 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Instrument :

MSVOA_Y

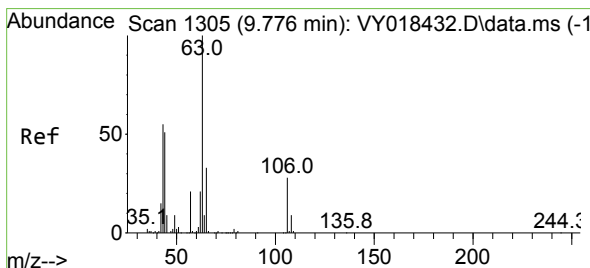
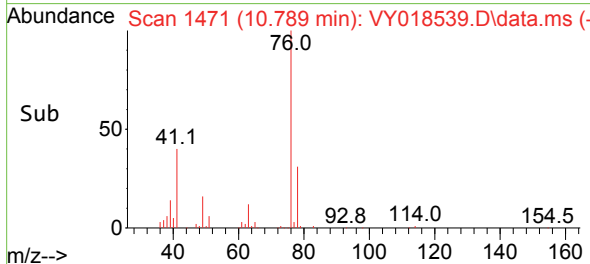
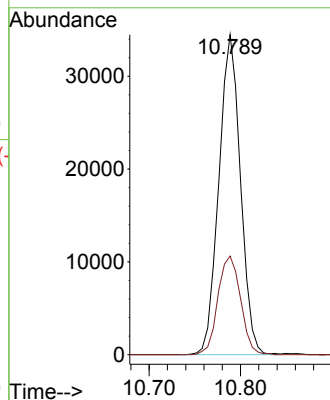
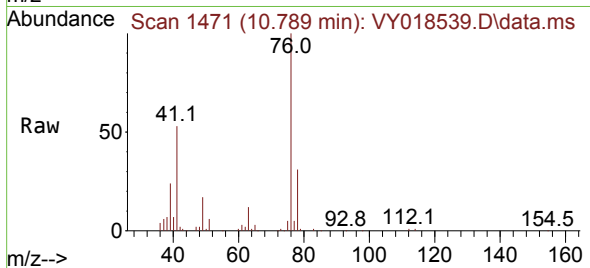
ClientSampleId :

Tgt Ion: 76 Resp: 56586

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 273.239 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY018539.D

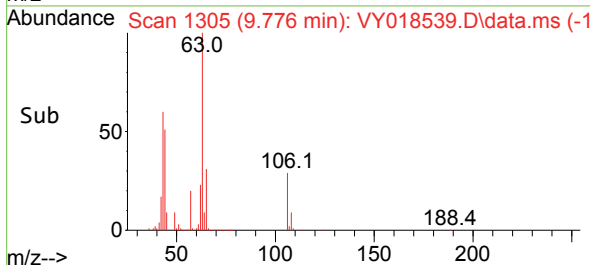
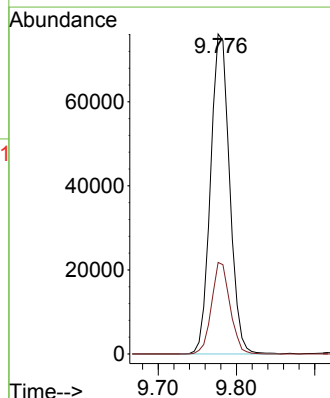
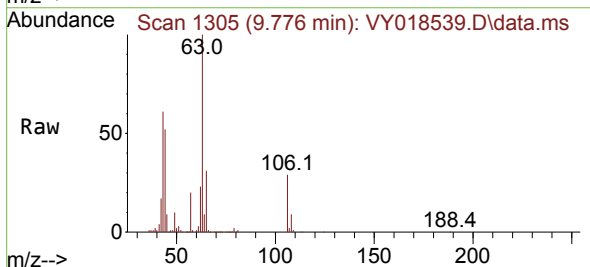
Acq: 10 Jun 2024 10:17

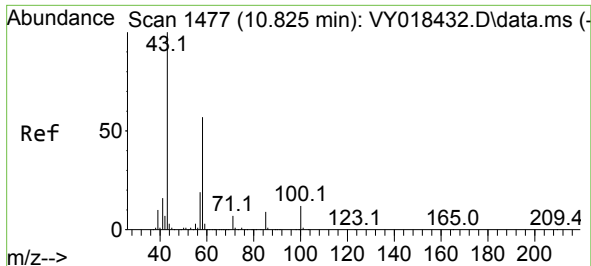
Tgt Ion: 63 Resp: 128586

Ion Ratio Lower Upper

63 100

106 27.7 23.7 35.5

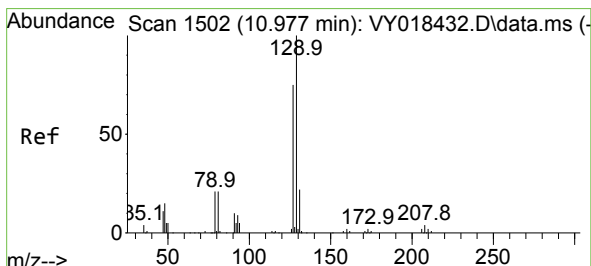
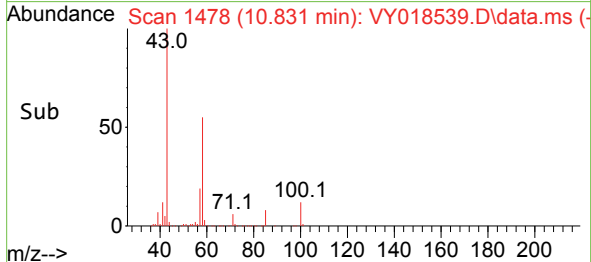
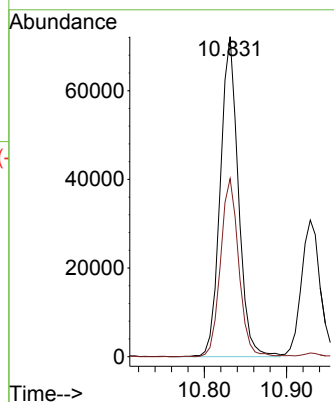
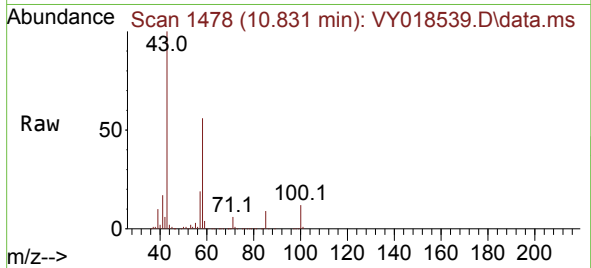




#59
2-Hexanone
Concen: 269.514 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

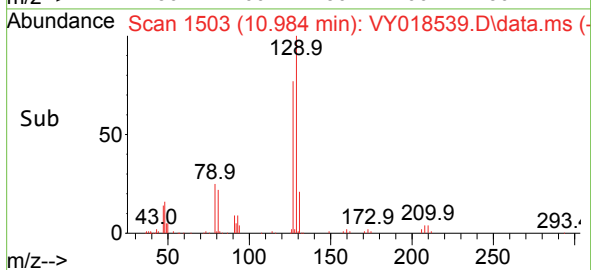
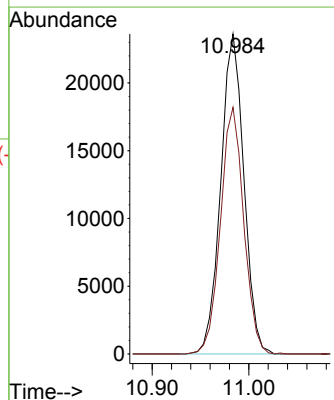
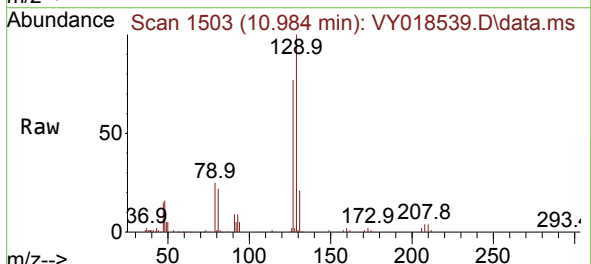
Instrument :
MSVOA_Y
ClientSampleId :

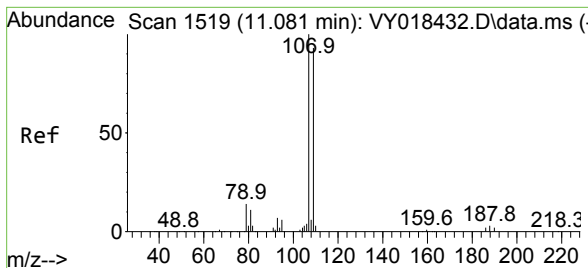
Tgt Ion: 43 Resp: 110066
Ion Ratio Lower Upper
43 100
58 56.2 31.4 94.0



#60
Dibromochloromethane
Concen: 51.421 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Tgt Ion: 129 Resp: 39122
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0

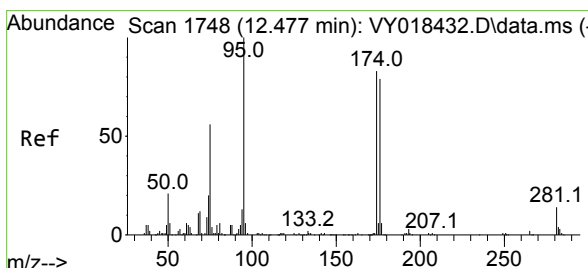
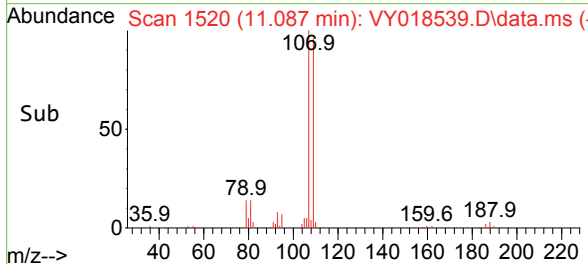
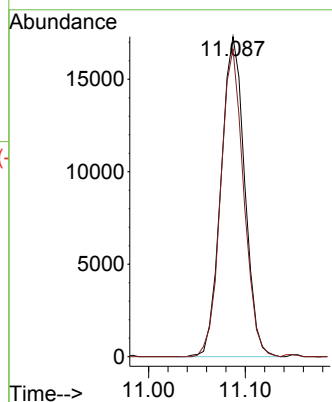
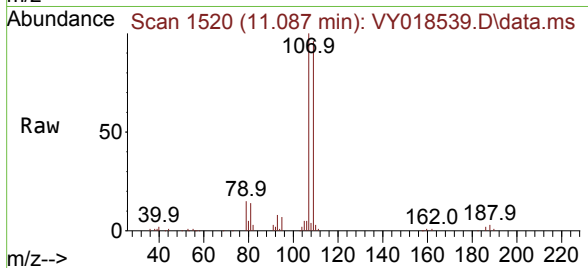




#61
1,2-Dibromoethane
Concen: 50.031 ug/l
RT: 11.087 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

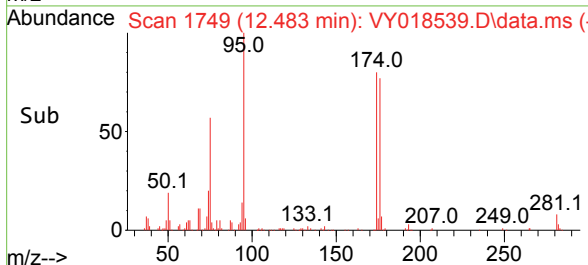
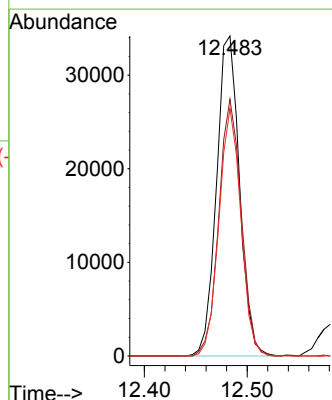
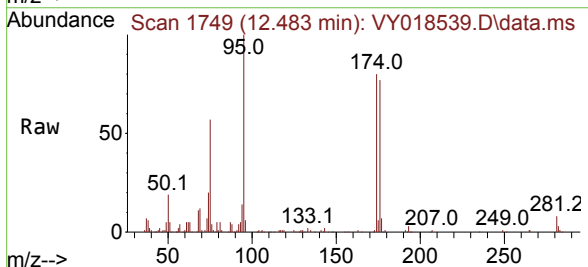
Instrument :
MSVOA_Y
ClientSampleId :

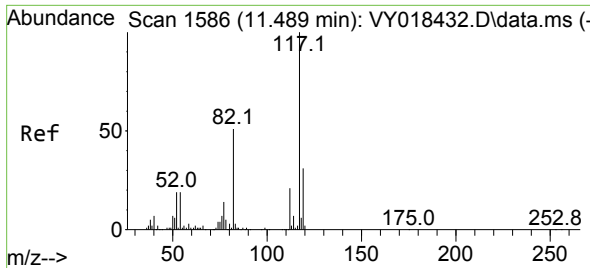
Tgt Ion:107 Resp: 29340
Ion Ratio Lower Upper
107 100
109 93.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 53.388 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Tgt Ion: 95 Resp: 52842
Ion Ratio Lower Upper
95 100
174 78.8 0.0 175.6
176 73.9 0.0 171.4

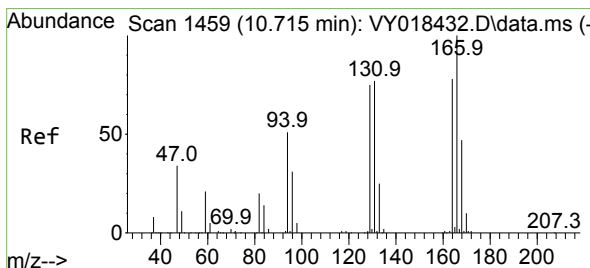
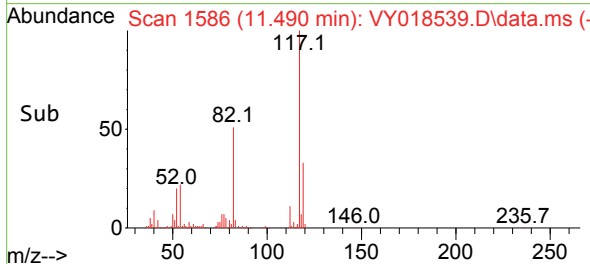
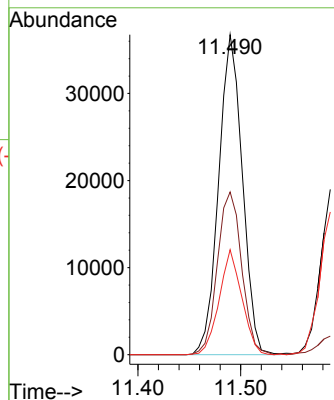
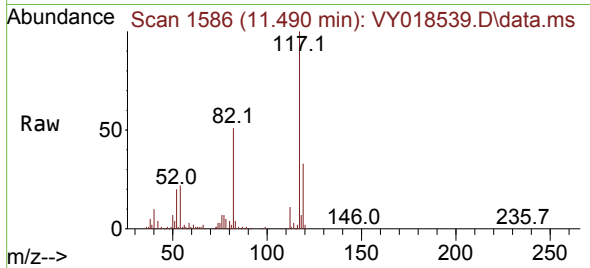




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

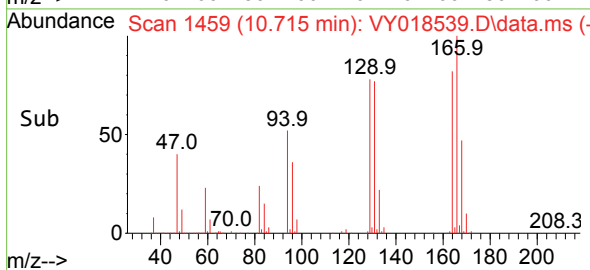
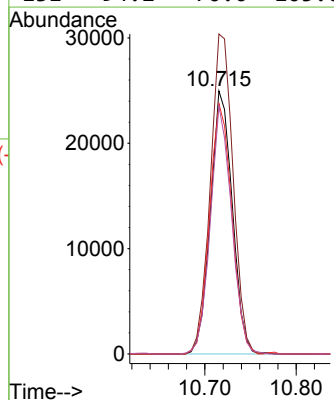
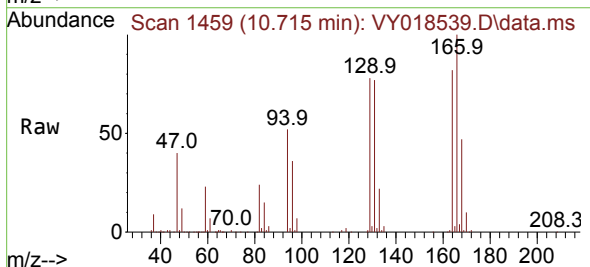
Instrument :
MSVOA_Y
ClientSampleId :

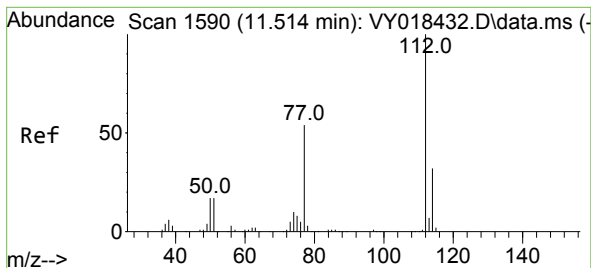
Tgt Ion:117	Resp:	58850
Ion Ratio	Lower	Upper
117	100	
82	50.8	42.4 63.6
119	32.8	25.9 38.9



#64
Tetrachloroethene
Concen: 47.890 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Tgt Ion:164	Resp:	41514
Ion Ratio	Lower	Upper
164	100	
166	121.7	102.6 154.0
129	95.2	72.0 108.0
131	94.2	70.0 105.0





#65

Chlorobenzene

Concen: 49.214 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Instrument :

MSVOA_Y

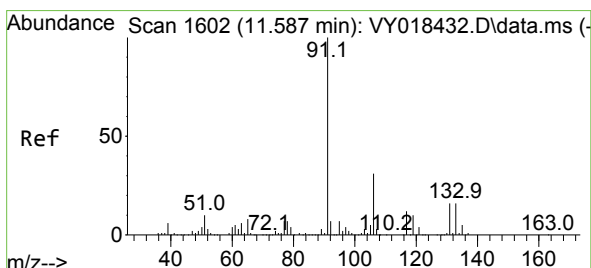
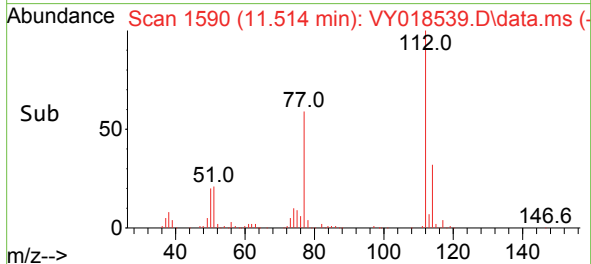
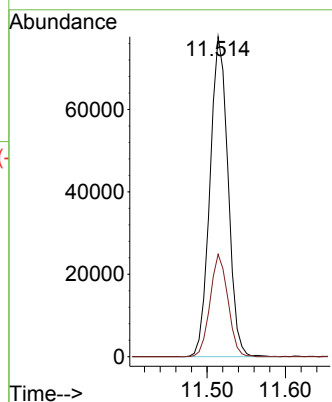
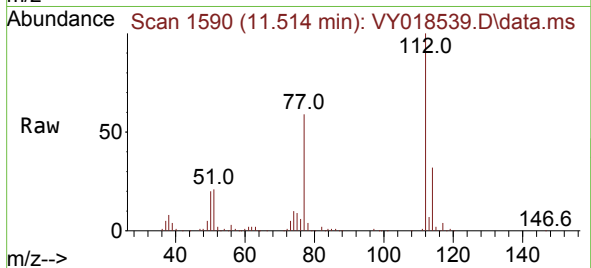
ClientSampleId :

Tgt Ion:112 Resp: 124203

Ion Ratio Lower Upper

112 100

114 32.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 47.737 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

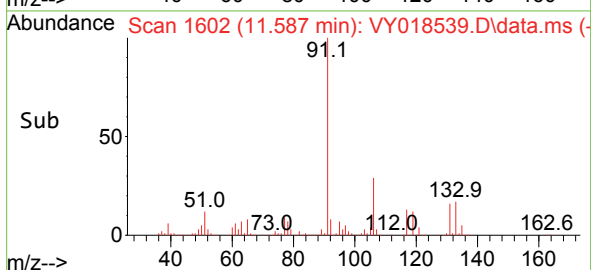
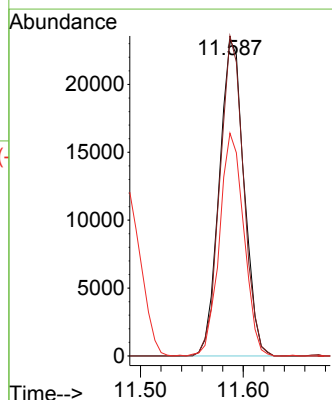
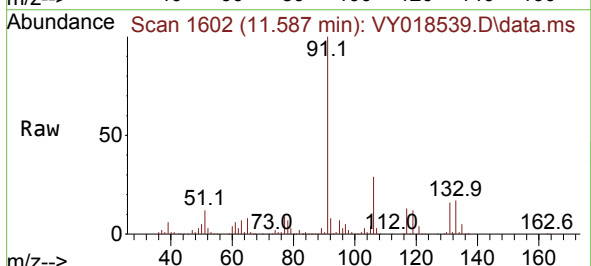
Tgt Ion:131 Resp: 38956

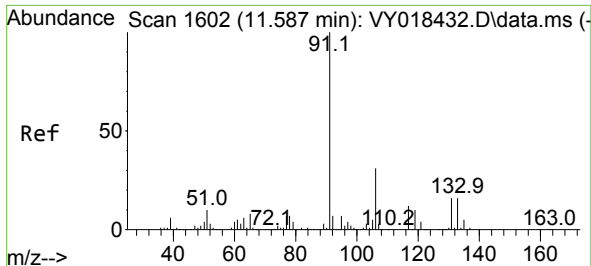
Ion Ratio Lower Upper

131 100

133 96.7 47.8 143.3

119 69.4 34.1 102.2





#67

Ethyl Benzene

Concen: 50.989 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Instrument :

MSVOA_Y

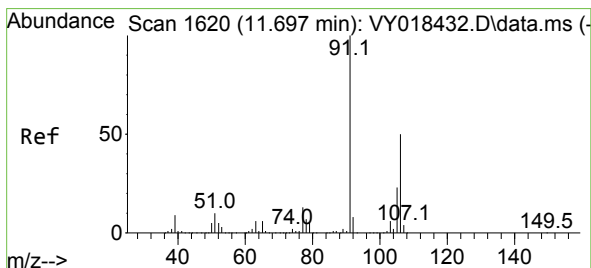
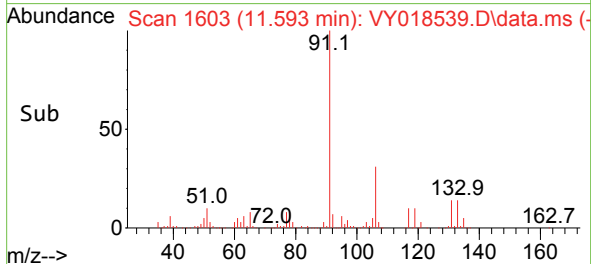
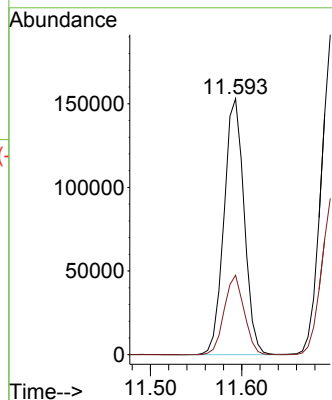
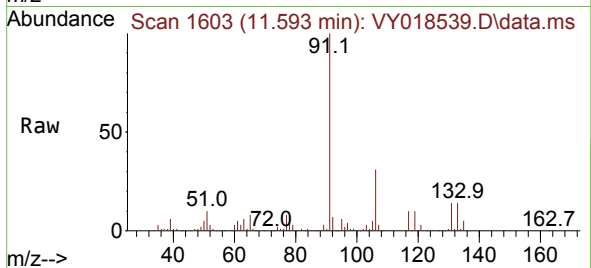
ClientSampleId :

Tgt Ion: 91 Resp: 234222

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 103.456 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY018539.D

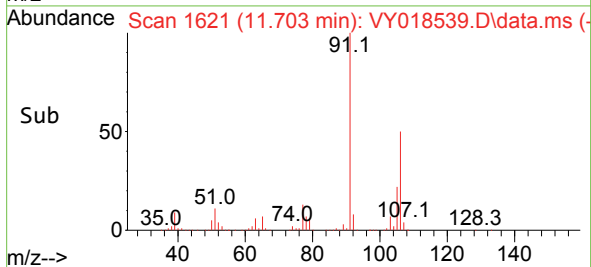
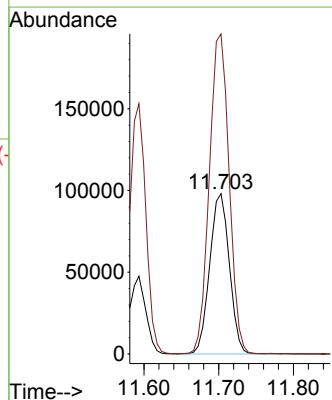
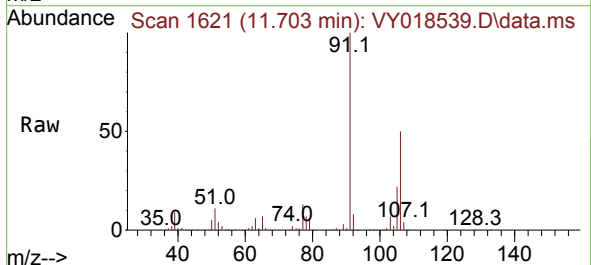
Acq: 10 Jun 2024 10:17

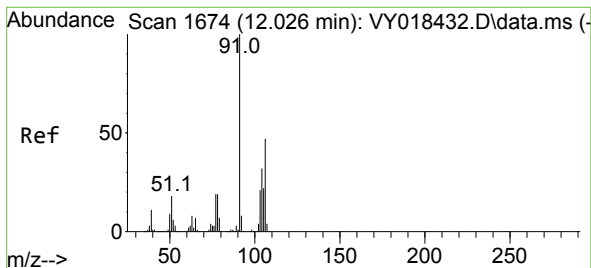
Tgt Ion:106 Resp: 178948

Ion Ratio Lower Upper

106 100

91 200.7 156.0 234.0

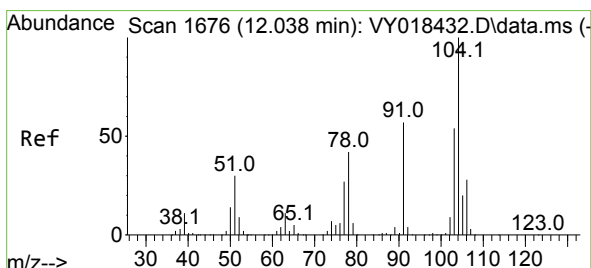
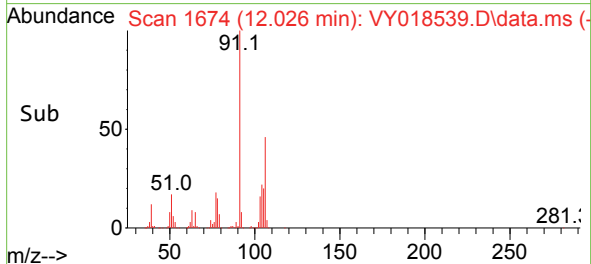
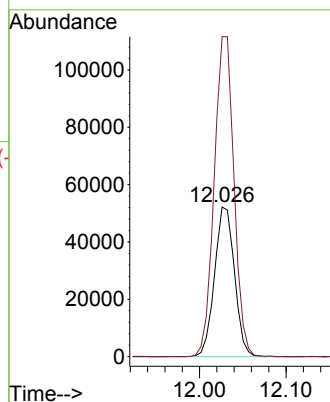
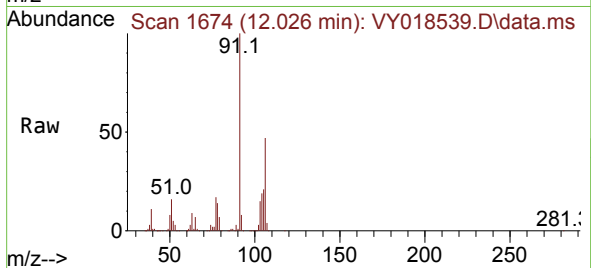




#69
o-Xylene
Concen: 50.127 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

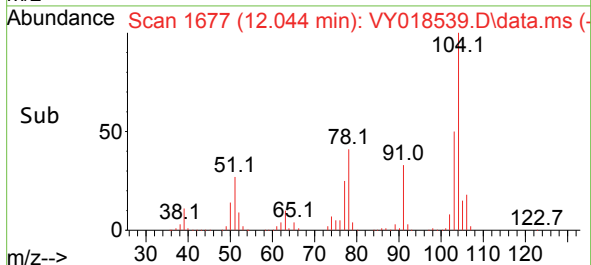
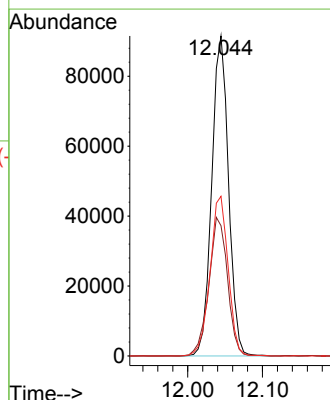
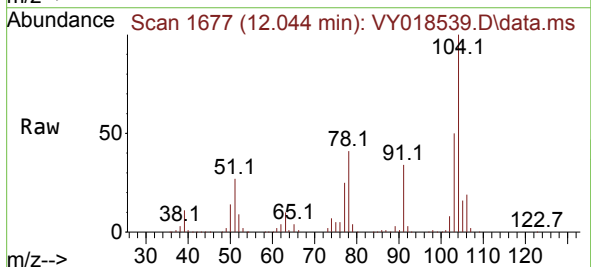
Instrument :
MSVOA_Y
ClientSampleId :

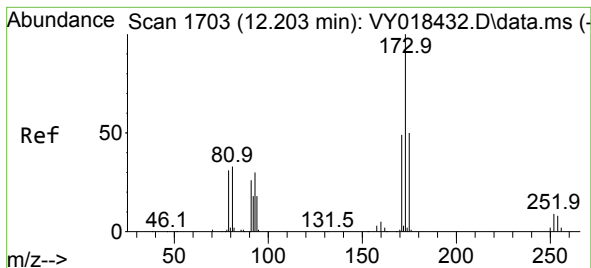
Tgt Ion:106 Resp: 83464
Ion Ratio Lower Upper
106 100
91 212.9 103.6 310.8



#70
Styrene
Concen: 52.461 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Tgt Ion:104 Resp: 142719
Ion Ratio Lower Upper
104 100
78 48.1 37.0 55.4
103 53.9 44.2 66.2





#71

Bromoform

Concen: 46.692 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

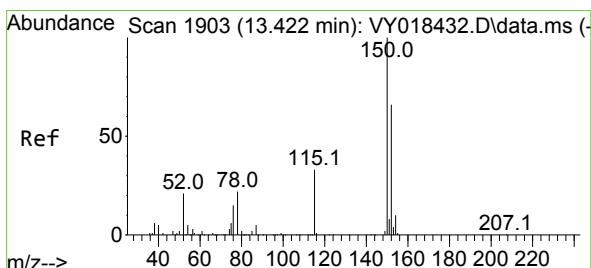
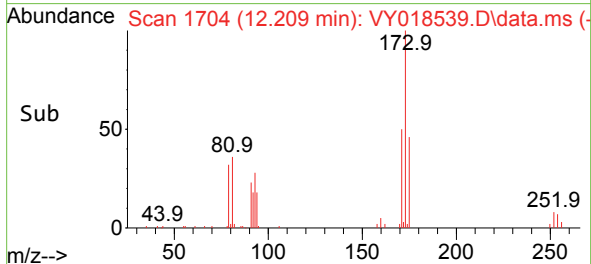
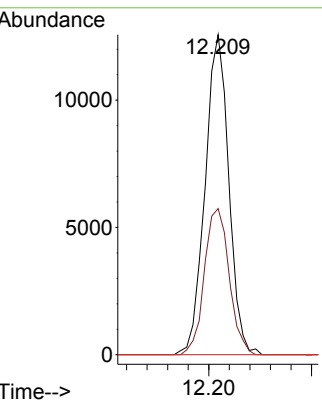
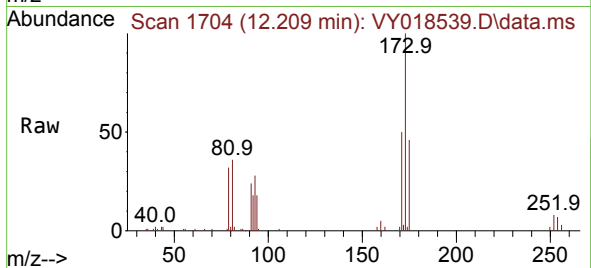
Tgt Ion:173 Resp: 20073

Ion Ratio Lower Upper

173 100

175 47.9 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

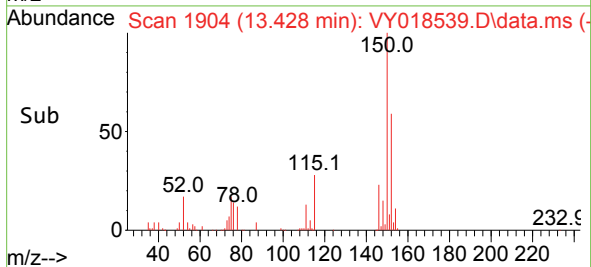
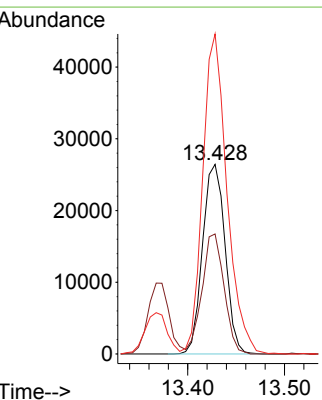
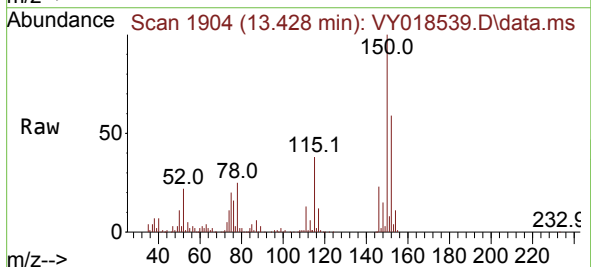
Tgt Ion:152 Resp: 42707

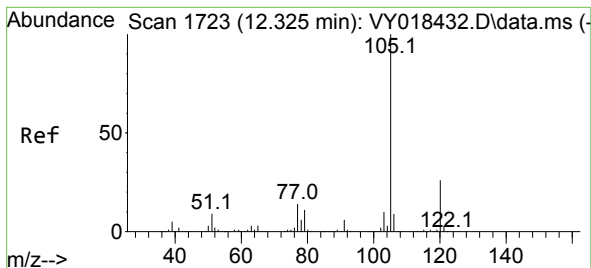
Ion Ratio Lower Upper

152 100

115 62.0 28.2 84.7

150 181.4 0.0 345.6





#73

Isopropylbenzene

Concen: 50.705 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Instrument :

MSVOA_Y

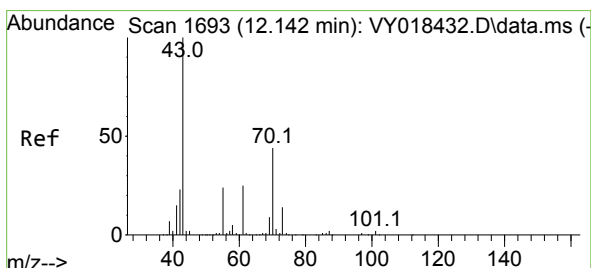
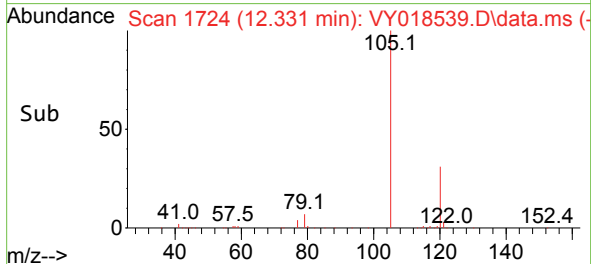
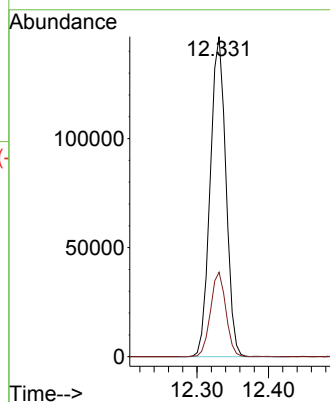
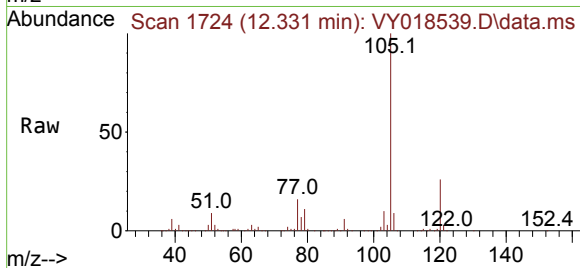
ClientSampleId :

Tgt Ion:105 Resp: 223460

Ion Ratio Lower Upper

105 100

120 25.8 13.4 40.1



#74

N-ethyl acetate

Concen: 49.370 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Tgt Ion: 43 Resp: 52961

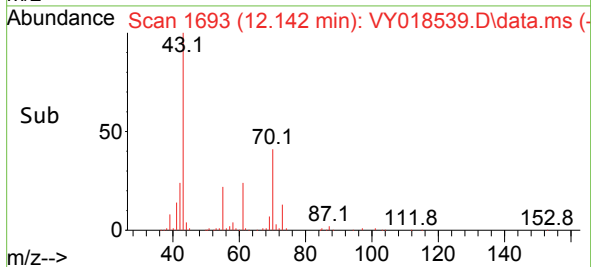
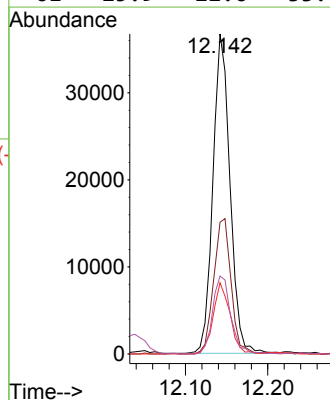
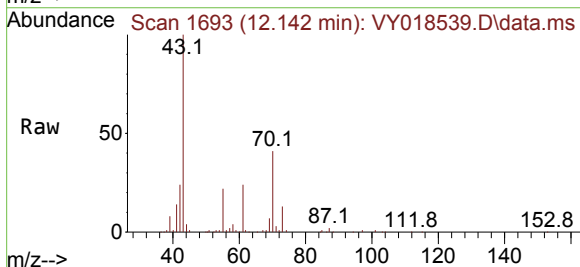
Ion Ratio Lower Upper

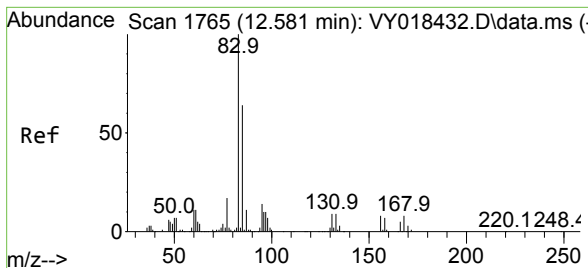
43 100

70 43.2 41.4 62.2

55 22.1 23.3 34.9#

61 25.9 22.6 33.8

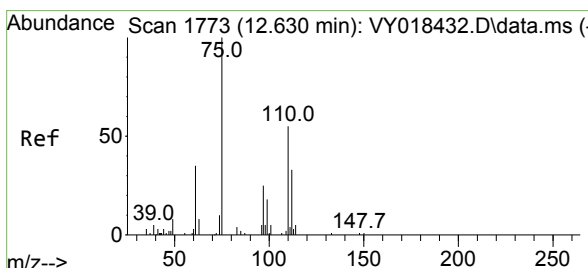
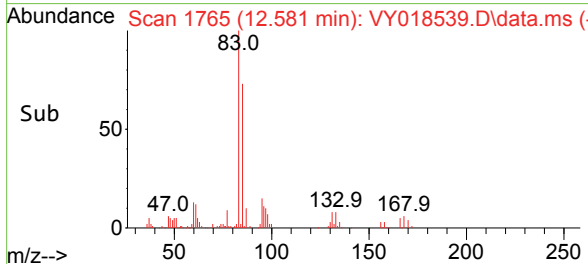
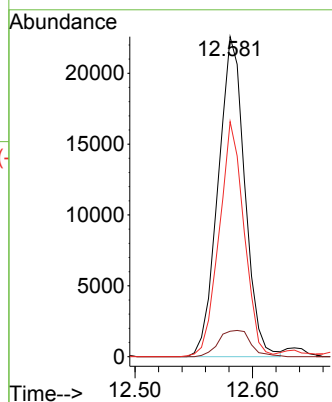
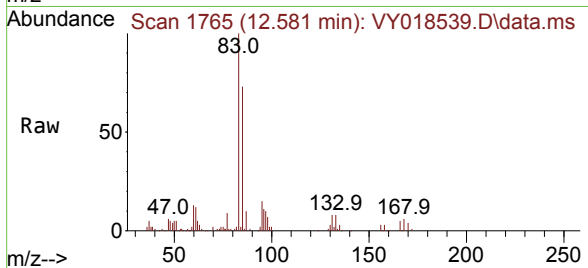




#75
1,1,2-Tetrachloroethane
Concen: 45.885 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

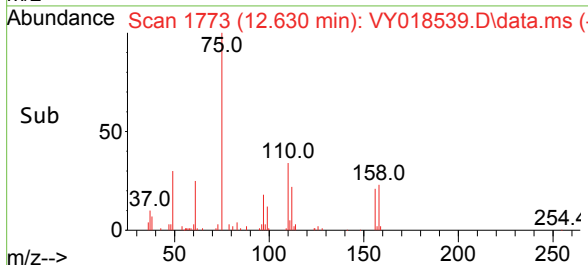
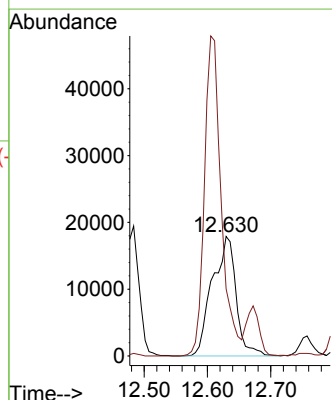
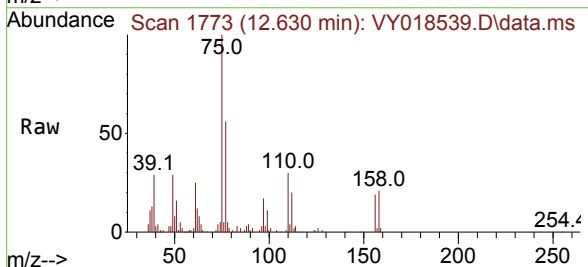
Instrument :
MSVOA_Y
ClientSampleId :

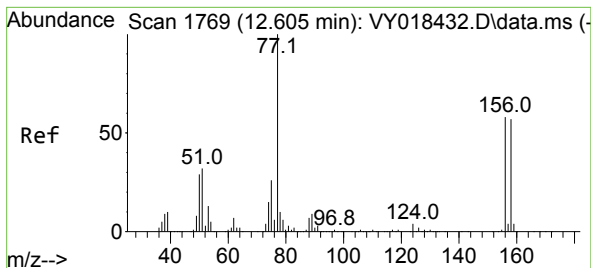
Tgt Ion: 83 Resp: 35597
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 68.5 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 88.243 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Tgt Ion: 75 Resp: 46731
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.295 ug/l

RT: 12.611 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

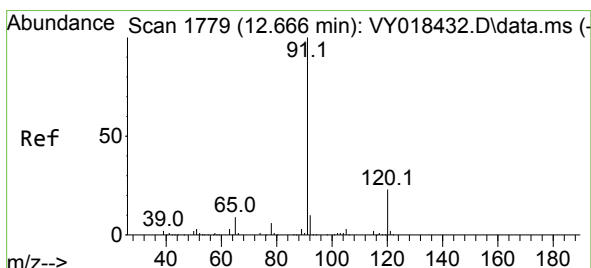
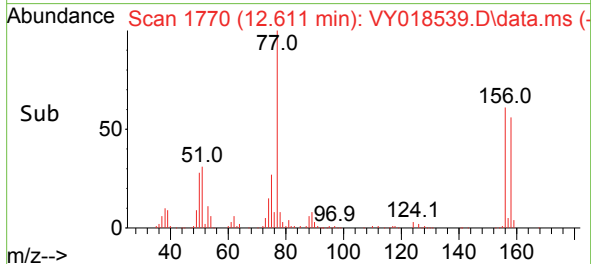
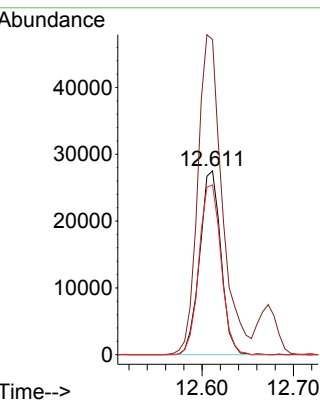
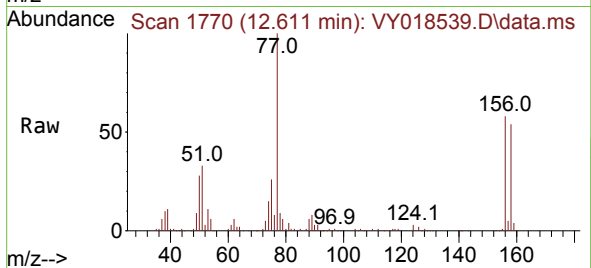
Tgt Ion:156 Resp: 44255

Ion Ratio Lower Upper

156 100

77 200.0 87.1 261.3

158 96.1 48.6 145.9



#78

n-propylbenzene

Concen: 52.468 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY018539.D

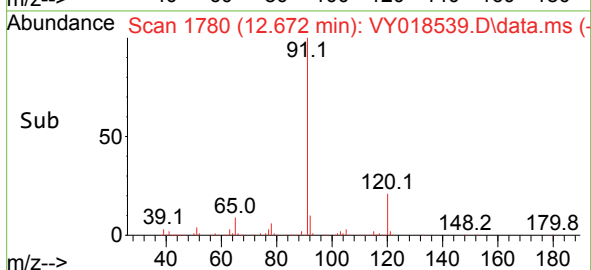
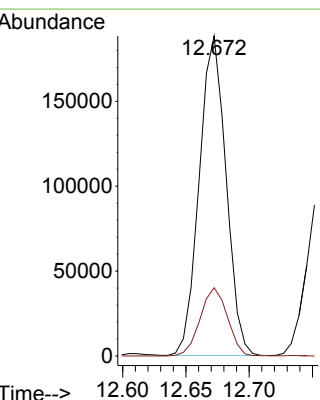
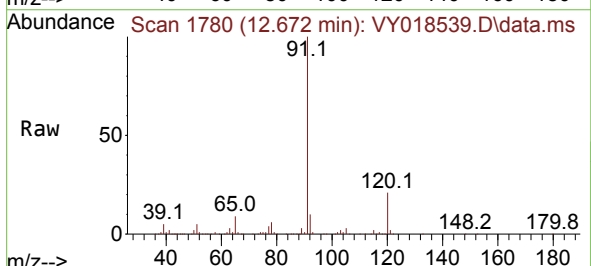
Acq: 10 Jun 2024 10:17

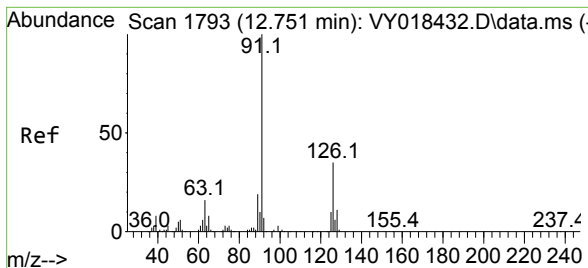
Tgt Ion: 91 Resp: 277527

Ion Ratio Lower Upper

91 100

120 21.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.885 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Instrument :

MSVOA_Y

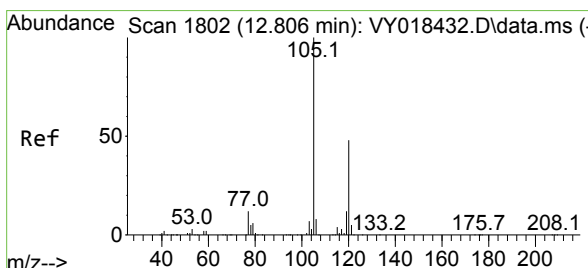
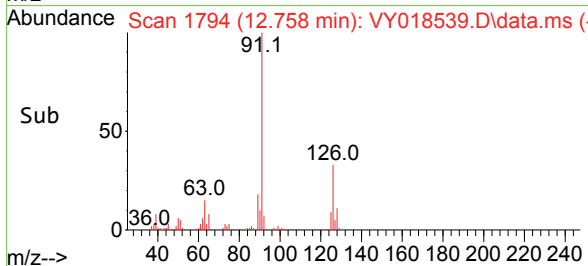
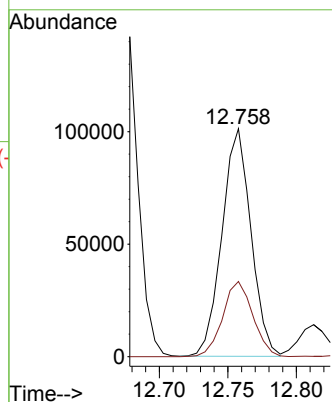
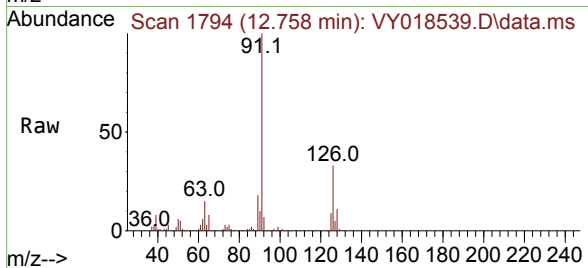
ClientSampleId :

Tgt Ion: 91 Resp: 149197

Ion Ratio Lower Upper

91 100

126 34.3 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 52.017 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY018539.D

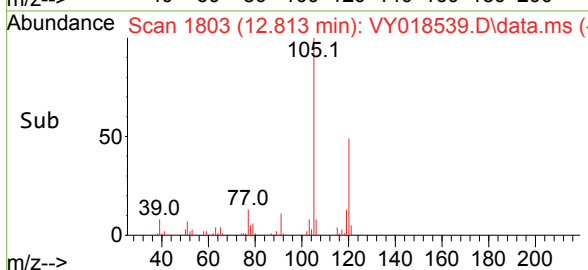
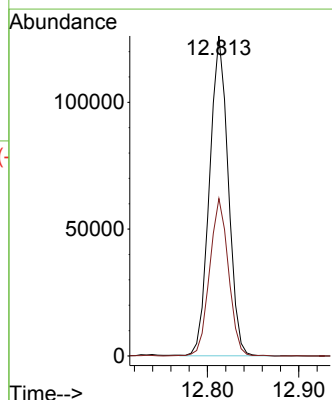
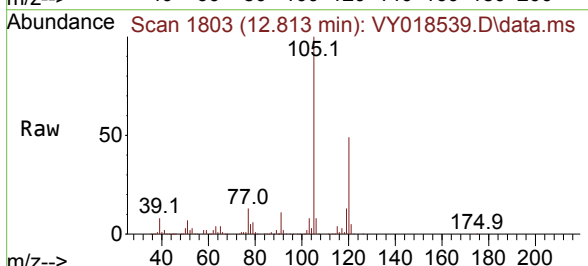
Acq: 10 Jun 2024 10:17

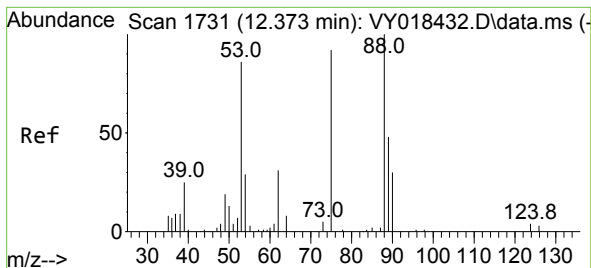
Tgt Ion: 105 Resp: 178546

Ion Ratio Lower Upper

105 100

120 49.7 25.1 75.2

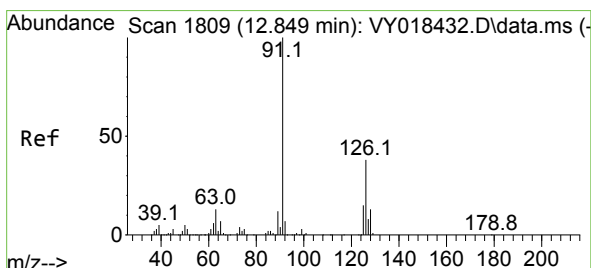
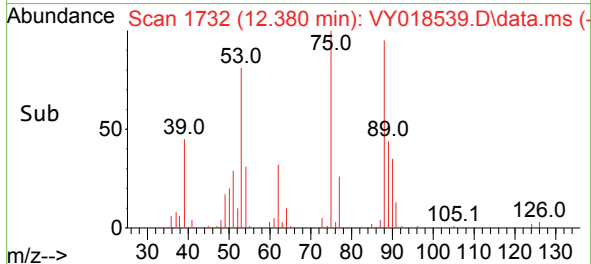
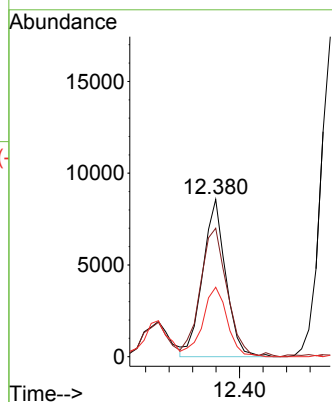
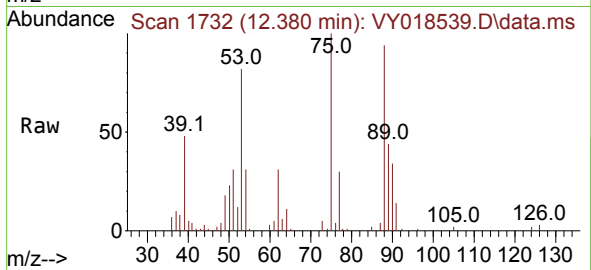




#81
trans-1,4-Dichloro-2-butene
Concen: 46.353 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

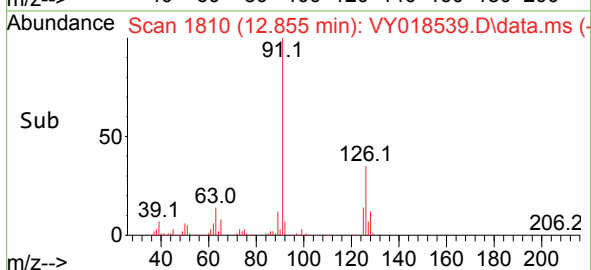
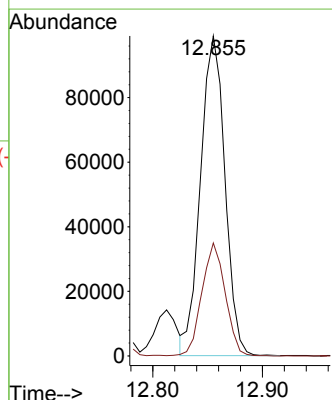
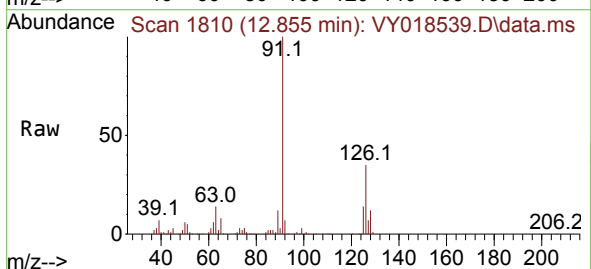
Instrument :
MSVOA_Y
ClientSampleId :

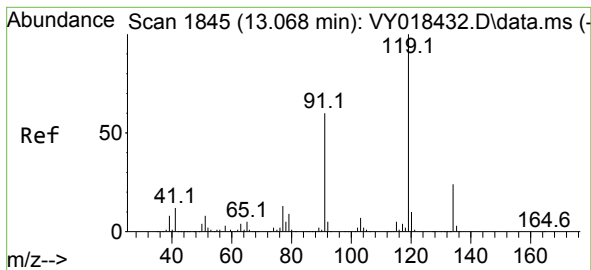
Tgt Ion: 75 Resp: 11684
Ion Ratio Lower Upper
75 100
53 92.8 66.8 100.2
89 47.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 52.984 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Tgt Ion: 91 Resp: 153315
Ion Ratio Lower Upper
91 100
126 33.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 50.401 ug/l

RT: 13.075 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

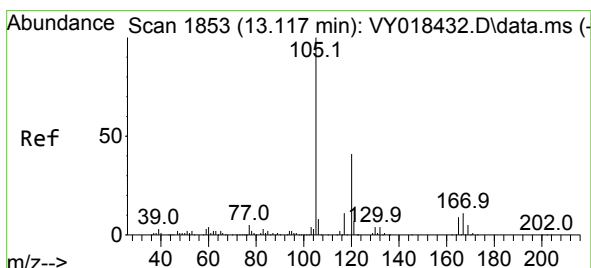
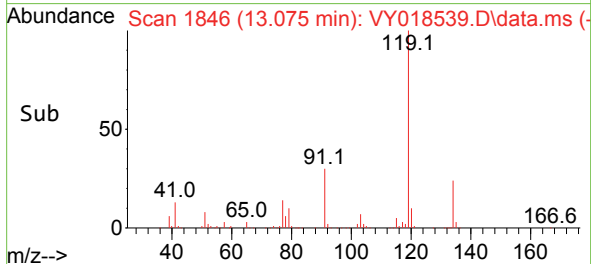
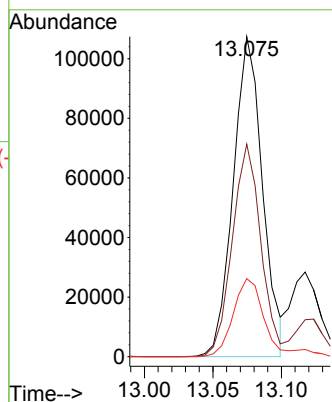
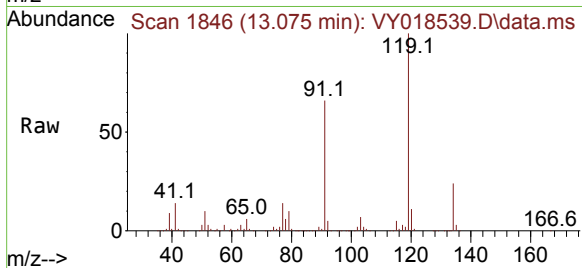
Tgt Ion:119 Resp: 159972

Ion Ratio Lower Upper

119 100

91 64.6 31.3 93.8

134 26.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 53.757 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018539.D

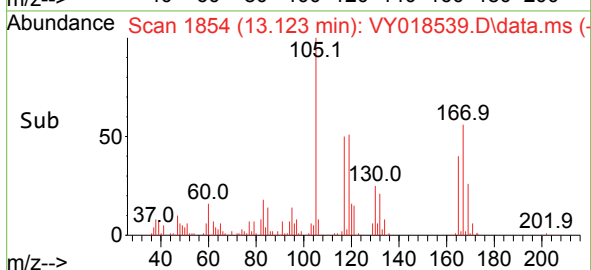
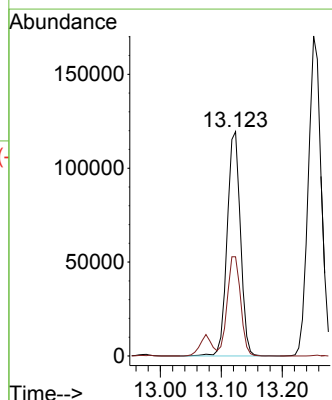
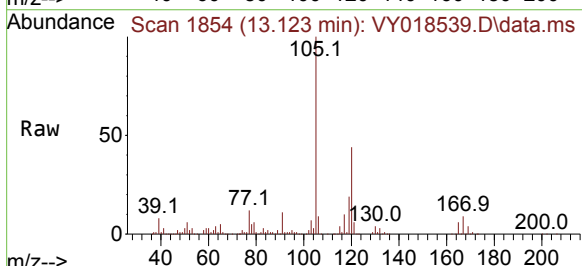
Acq: 10 Jun 2024 10:17

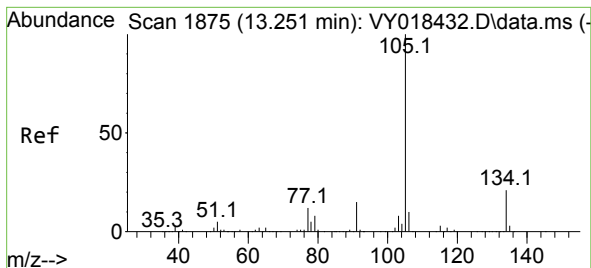
Tgt Ion:105 Resp: 180644

Ion Ratio Lower Upper

105 100

120 44.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 53.810 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Instrument :

MSVOA_Y

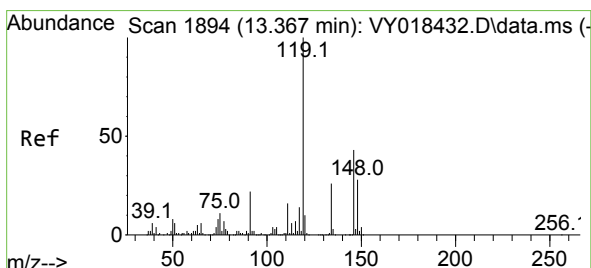
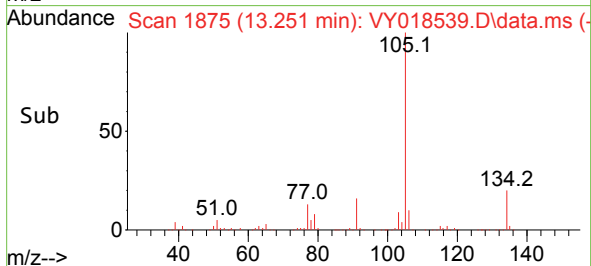
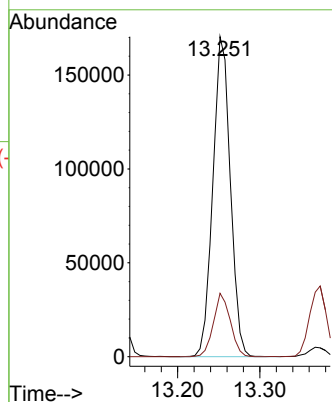
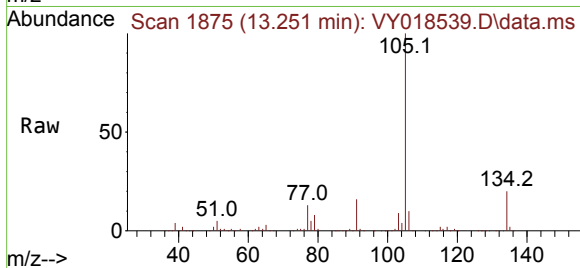
ClientSampleId :

Tgt Ion:105 Resp: 251527

Ion Ratio Lower Upper

105 100

134 19.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 54.123 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

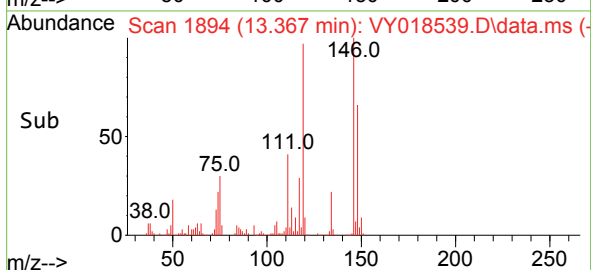
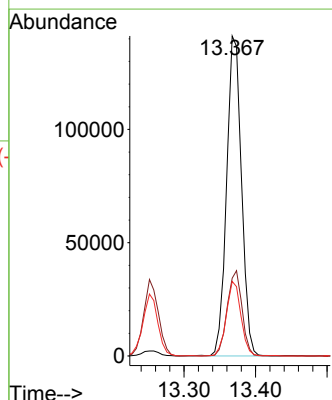
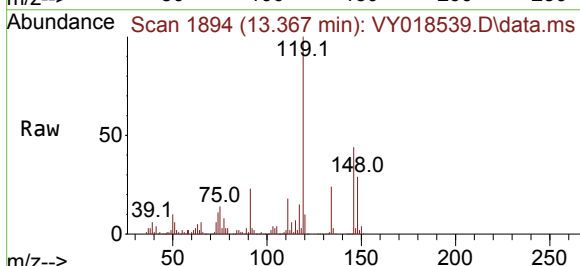
Tgt Ion:119 Resp: 204183

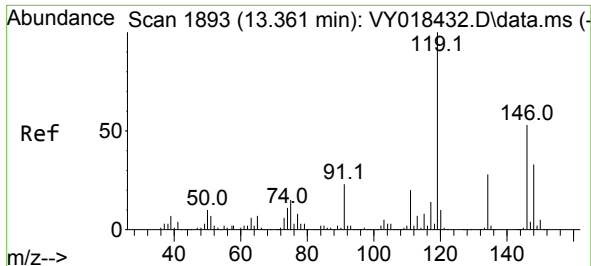
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 23.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 50.835 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

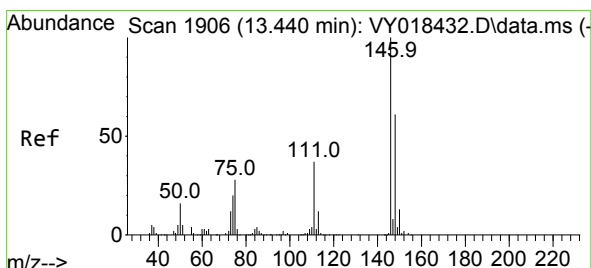
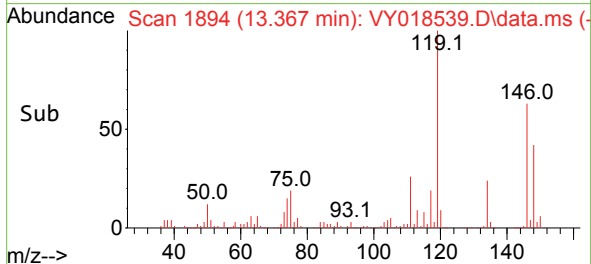
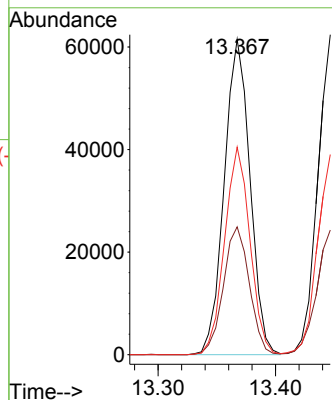
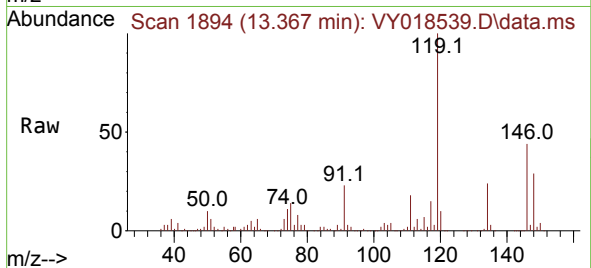
Tgt Ion:146 Resp: 93830

Ion Ratio Lower Upper

146 100

111 40.9 19.0 57.0

148 64.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 50.988 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

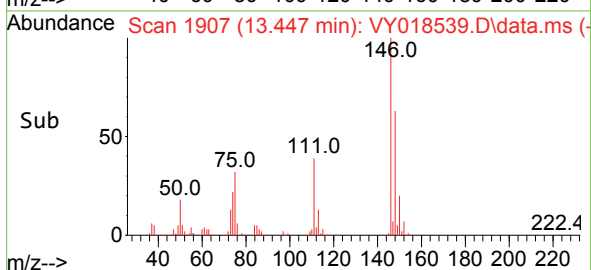
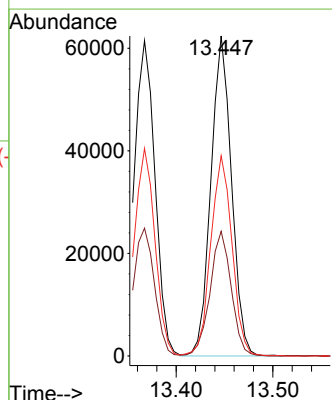
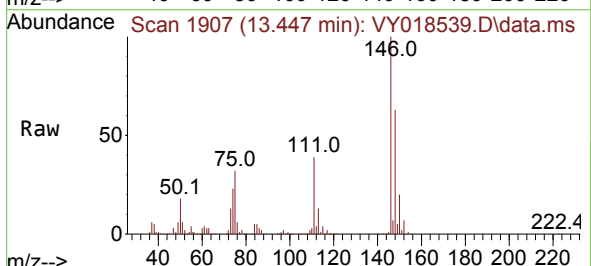
Tgt Ion:146 Resp: 92458

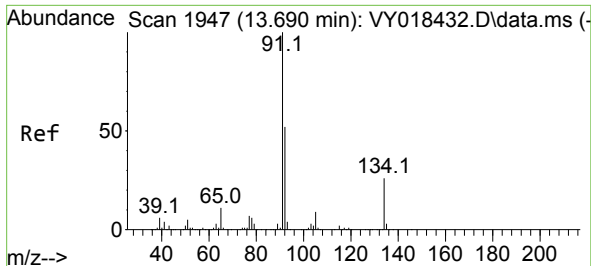
Ion Ratio Lower Upper

146 100

111 40.1 18.4 55.4

148 64.7 32.4 97.2

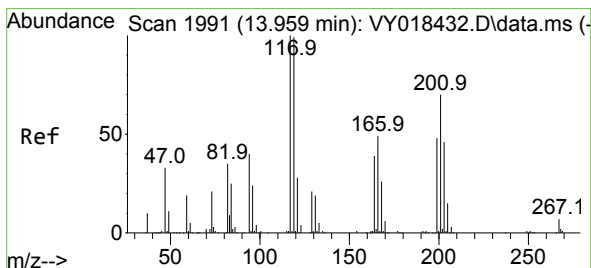
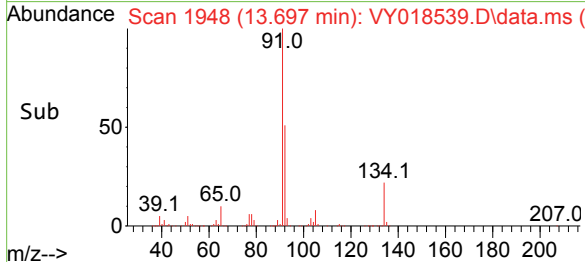
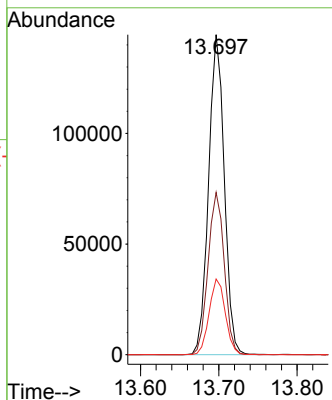
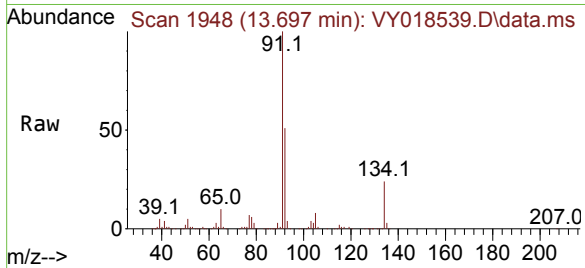




#89
n-Butylbenzene
Concen: 56.025 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

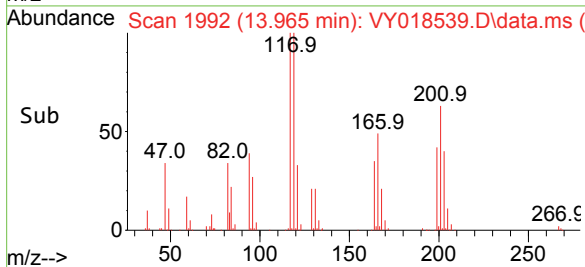
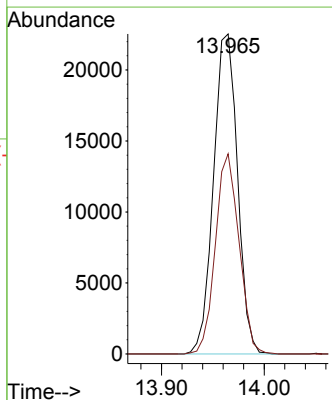
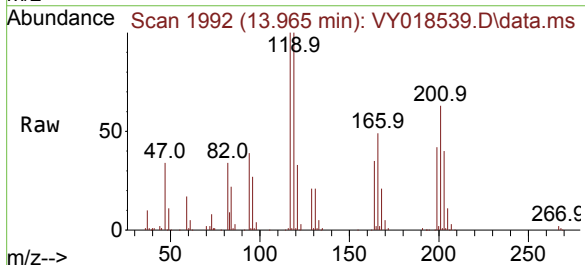
Instrument :
MSVOA_Y
ClientSampleId :

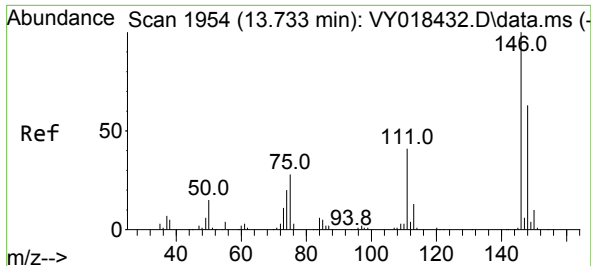
Tgt Ion: 91 Resp: 200848
Ion Ratio Lower Upper
91 100
92 52.4 26.6 79.7
134 24.4 12.9 38.7



#90
Hexachloroethane
Concen: 51.622 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY018539.D
Acq: 10 Jun 2024 10:17

Tgt Ion: 117 Resp: 36503
Ion Ratio Lower Upper
117 100
201 61.6 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 50.721 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

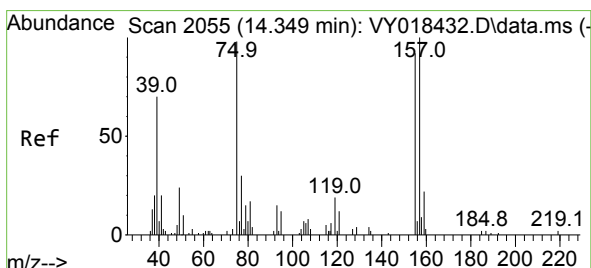
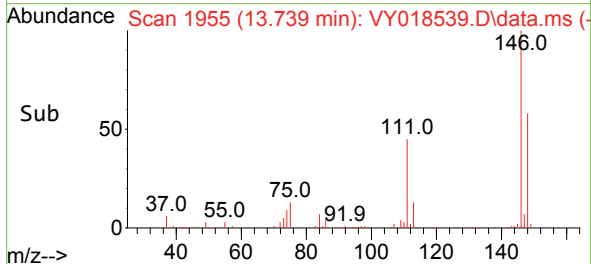
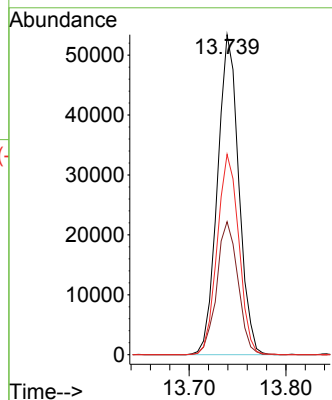
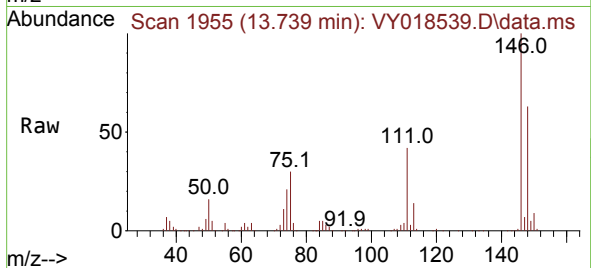
Tgt Ion:146 Resp: 81467

Ion Ratio Lower Upper

146 100

111 41.5 19.9 59.7

148 63.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.193 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.006 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

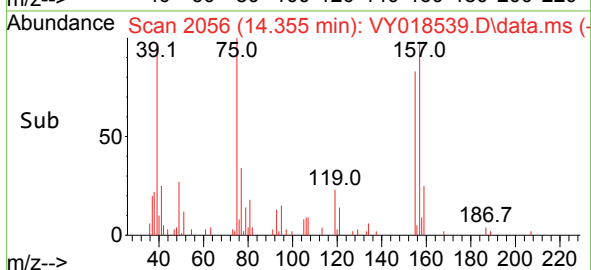
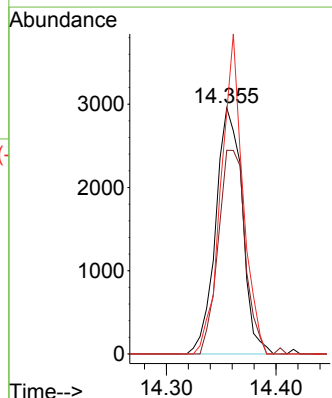
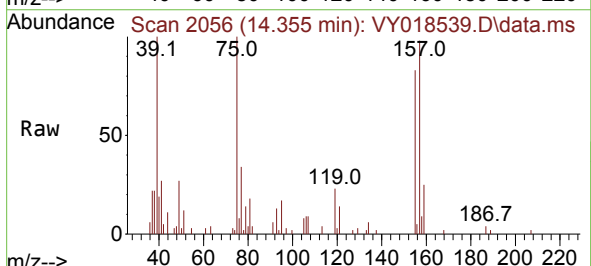
Tgt Ion: 75 Resp: 4981

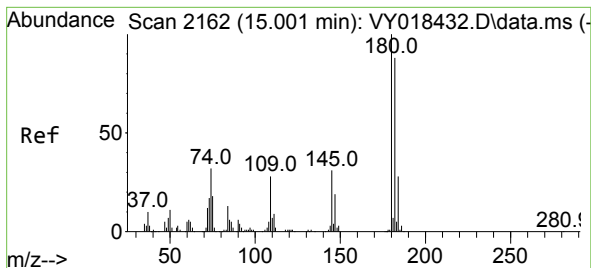
Ion Ratio Lower Upper

75 100

155 83.6 48.6 145.8

157 106.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 48.155 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

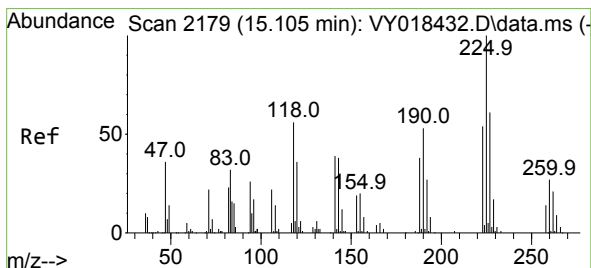
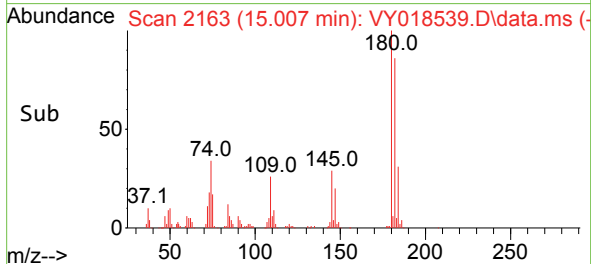
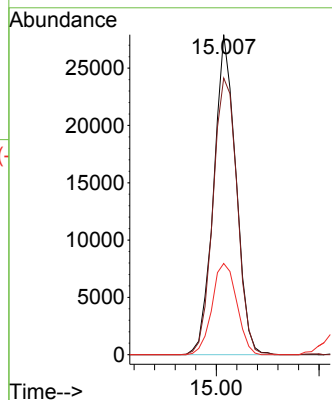
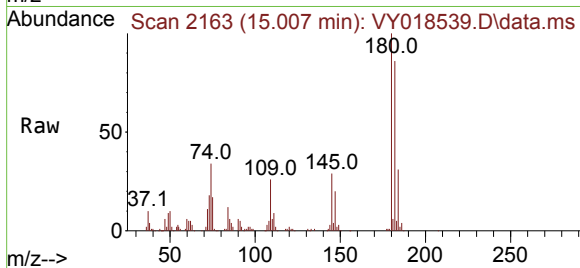
Tgt Ion:180 Resp: 41831

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.8

145 31.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 48.545 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

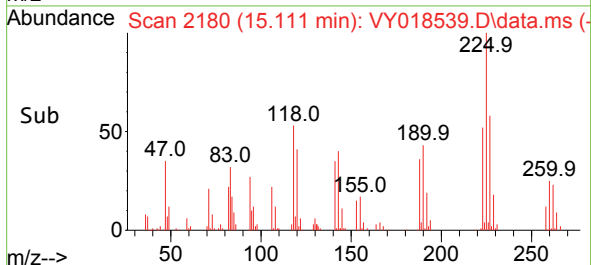
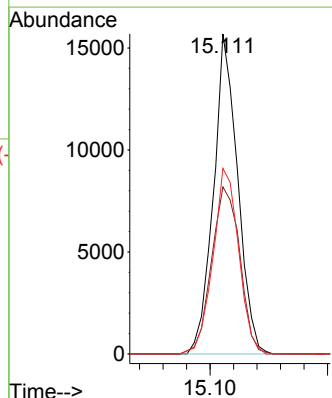
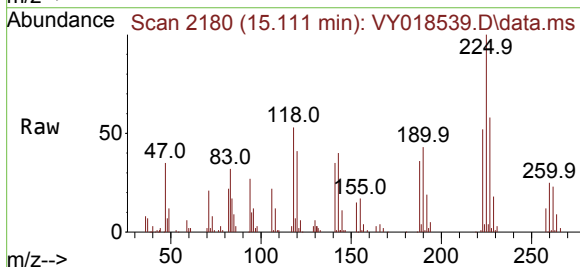
Tgt Ion:225 Resp: 22396

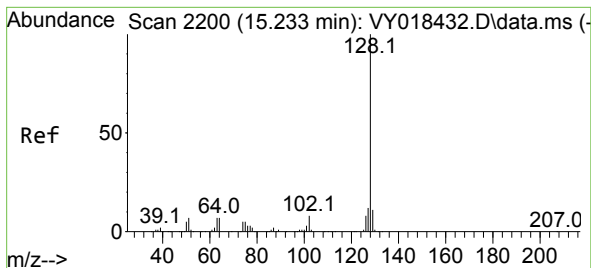
Ion Ratio Lower Upper

225 100

223 61.1 30.4 91.2

227 61.7 31.9 95.9





#95

Naphthalene

Concen: 45.291 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY018539.D

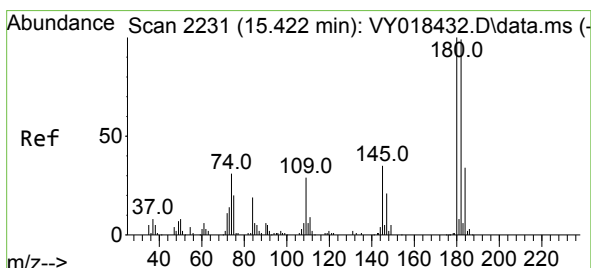
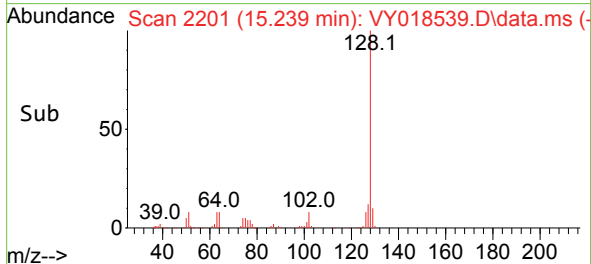
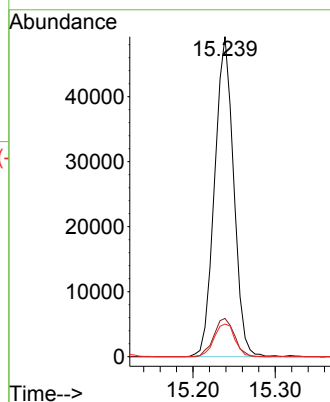
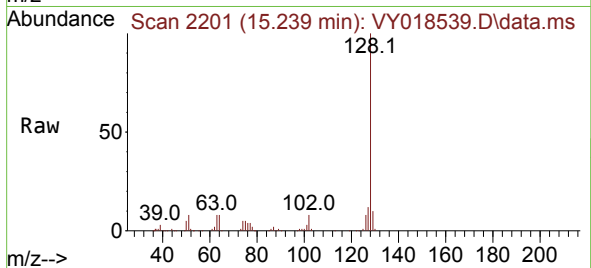
Acq: 10 Jun 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	79015
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.6 16.0
129	11.2	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.175 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018539.D

Acq: 10 Jun 2024 10:17

Tgt Ion:180	Resp:	33937
Ion Ratio	Lower	Upper
180	100	
182	96.8	47.6 142.9
145	35.0	15.4 46.1

