

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061324\
 Data File : VY018577.D
 Acq On : 13 Jun 2024 16:23
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Jun 14 06:47:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 06:38:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	139688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	245386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	220788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100304	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	14321	10.183	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.360%#
35) Dibromofluoromethane	7.710	113	14872	9.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.880%#
50) Toluene-d8	10.173	98	57790	10.039	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.080%#
62) 4-Bromofluorobenzene	12.477	95	18172	9.997	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	20.000%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	8929	9.705	ug/l	94
3) Chloromethane	2.107	50	20184	10.652	ug/l	97
4) Vinyl Chloride	2.241	62	24367	10.384	ug/l	96
5) Bromomethane	2.637	94	18949	10.864	ug/l	99
6) Chloroethane	2.778	64	16372	10.651	ug/l	99
7) Trichlorofluoromethane	3.101	101	25647	10.149	ug/l	98
8) Diethyl Ether	3.515	74	7189	9.978	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.881	101	13256	10.040	ug/l	97
10) Methyl Iodide	4.070	142	13194	8.844	ug/l #	94
11) Tert butyl alcohol	4.924	59	18384	72.673	ug/l #	96
12) 1,1-Dichloroethene	3.857	96	13563	10.222	ug/l	93
13) Acrolein	3.704	56	3727	45.827	ug/l	100
14) Allyl chloride	4.460	41	18915	10.574	ug/l	94
15) Acrylonitrile	5.143	53	17864	55.734	ug/l	98
16) Acetone	3.936	43	15616	54.577	ug/l	89
17) Carbon Disulfide	4.174	76	30505	9.463	ug/l	99
18) Methyl Acetate	4.466	43	7630	10.513	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	37615	10.628	ug/l	100
20) Methylene Chloride	4.698	84	29516	9.477	ug/l	96
21) trans-1,2-Dichloroethene	5.198	96	14960	9.905	ug/l	90
22) Diisopropyl ether	6.100	45	44344	10.981	ug/l	92
23) Vinyl Acetate	6.045	43	134020	53.055	ug/l	98
24) 1,1-Dichloroethane	5.997	63	27489	10.566	ug/l	94
25) 2-Butanone	6.972	43	24238	56.513	ug/l	89
26) 2,2-Dichloropropane	6.966	77	22389	10.215	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	18069	9.904	ug/l	91
28) Bromochloromethane	7.320	49	11618	10.895	ug/l	88
29) Tetrahydrofuran	7.338	42	14937	56.751	ug/l	94
30) Chloroform	7.496	83	29842	10.525	ug/l	99
31) Cyclohexane	7.777	56	22137	10.276	ug/l #	85
32) 1,1,1-Trichloroethane	7.691	97	24467	10.158	ug/l	97
36) 1,1-Dichloropropene	7.911	75	20373	9.888	ug/l	96
37) Ethyl Acetate	7.051	43	10232	10.534	ug/l #	95
38) Carbon Tetrachloride	7.893	117	21398	9.899	ug/l	95
39) Methylcyclohexane	9.173	83	24360	9.649	ug/l	94
40) Benzene	8.149	78	63992	10.042	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	14220	30.427	ug/l #	37
42) 1,2-Dichloroethane	8.228	62	17158	10.321	ug/l	99
43) Isopropyl Acetate	8.264	43	18370	10.133	ug/l #	81
44) Trichloroethene	8.935	130	16867	10.110	ug/l	100
45) 1,2-Dichloropropane	9.209	63	14879	10.212	ug/l	92
46) Dibromomethane	9.295	93	9153	10.124	ug/l	95
47) Bromodichloromethane	9.490	83	21228	9.838	ug/l	98
48) Methyl methacrylate	9.289	41	8022	9.829	ug/l #	87
49) 1,4-Dioxane	9.295	88	2685	225.813	ug/l #	89
51) 4-Methyl-2-Pentanone	10.063	43	51148	53.563	ug/l	98
52) Toluene	10.240	92	41493	10.142	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	17780	9.429	ug/l	90
54) cis-1,3-Dichloropropene	9.923	75	22219	9.764	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	11803	9.815	ug/l	90
56) Ethyl methacrylate	10.508	69	15726	9.994	ug/l #	89
57) 1,3-Dichloropropane	10.782	76	20382	10.204	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	33064	43.525	ug/l	99
59) 2-Hexanone	10.831	43	36966	55.265	ug/l	93
60) Dibromochloromethane	10.977	129	14379	9.626	ug/l	99
61) 1,2-Dibromoethane	11.081	107	10904	9.812	ug/l	98
64) Tetrachloroethene	10.715	164	15443	9.807	ug/l	95
65) Chlorobenzene	11.508	112	46295	10.150	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	15274	9.993	ug/l	92
67) Ethyl Benzene	11.587	91	77610	9.807	ug/l	97
68) m/p-Xylenes	11.697	106	59744	19.401	ug/l	99
69) o-Xylene	12.026	106	28740	9.705	ug/l	97
70) Styrene	12.038	104	47777	9.766	ug/l	99
71) Bromoform	12.203	173	8100	9.658	ug/l #	96
73) Isopropylbenzene	12.325	105	73831	10.080	ug/l	99
74) N-amyl acetate	12.136	43	16121	10.748	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	14590	11.218	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	17018	17.518	ug/l #	100
77) Bromobenzene	12.605	156	16965	10.015	ug/l	97
78) n-propylbenzene	12.666	91	88446	10.318	ug/l	100
79) 2-Chlorotoluene	12.751	91	50112	10.356	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	58733	10.118	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	3511	9.774	ug/l #	80
82) 4-Chlorotoluene	12.849	91	50942	10.455	ug/l	97
83) tert-Butylbenzene	13.068	119	55470	10.325	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	58221	10.035	ug/l	99
85) sec-Butylbenzene	13.251	105	78351	10.225	ug/l	99
86) p-Isopropyltoluene	13.367	119	63700	9.806	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	34109	9.983	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	34330	10.240	ug/l	98
89) n-Butylbenzene	13.696	91	59481	10.158	ug/l	98
90) Hexachloroethane	13.959	117	11318	9.591	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	28561	9.786	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2083	11.061	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	15863	9.756	ug/l	98
94) Hexachlorobutadiene	15.111	225	8364	10.011	ug/l	95
95) Naphthalene	15.233	128	28960	9.531	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	13209	9.615	ug/l	99

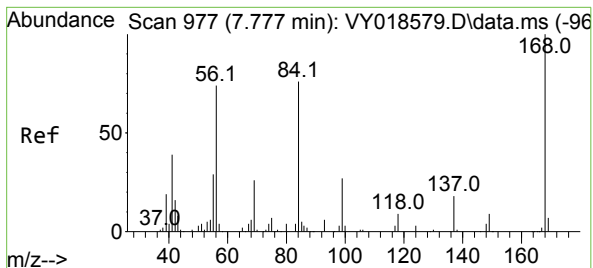
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

Instrument :

MSVOA_Y

ClientSampleId :

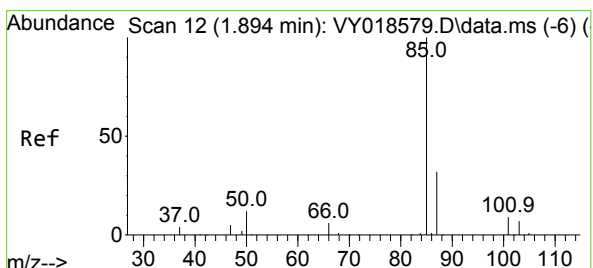
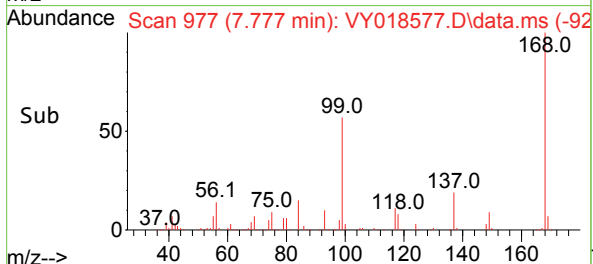
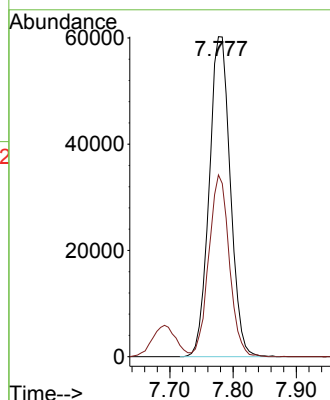
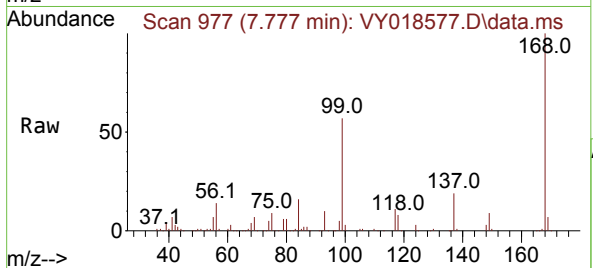
VSTDICC010

Tgt Ion:168 Resp: 139688

Ion Ratio Lower Upper

168 100

99 56.8 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 9.705 ug/l

RT: 1.894 min Scan# 12

Delta R.T. 0.000 min

Lab File: VY018577.D

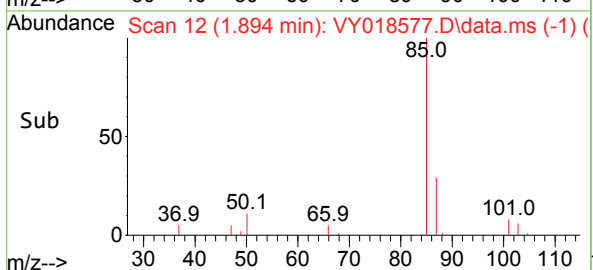
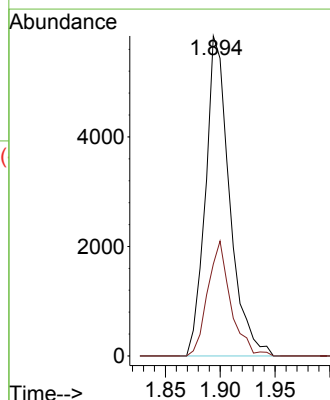
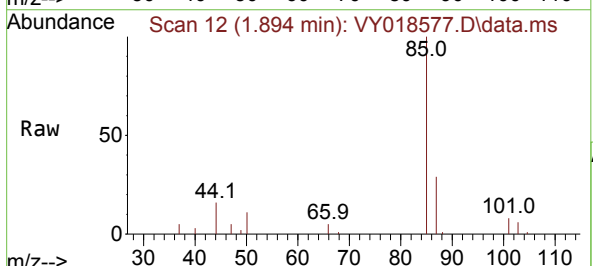
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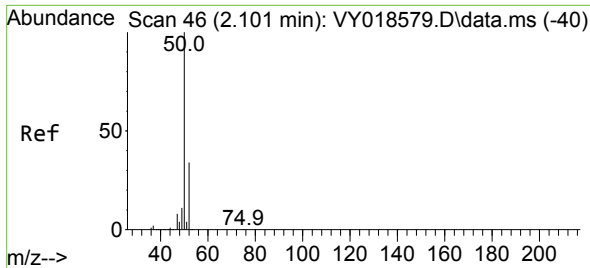
Tgt Ion: 85 Resp: 8929

Ion Ratio Lower Upper

85 100

87 28.7 16.0 48.0

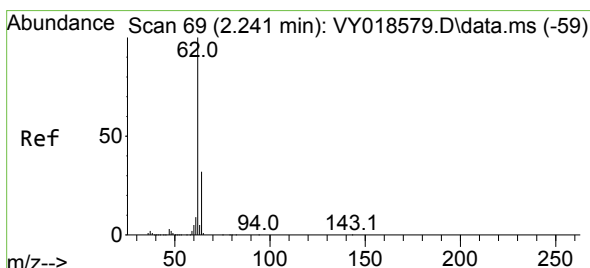
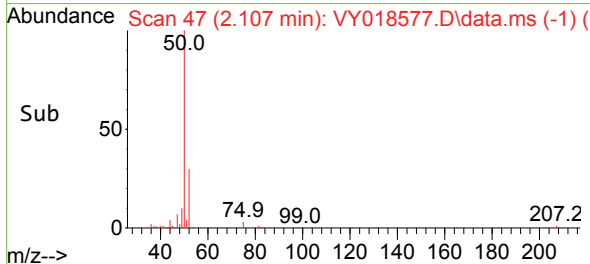
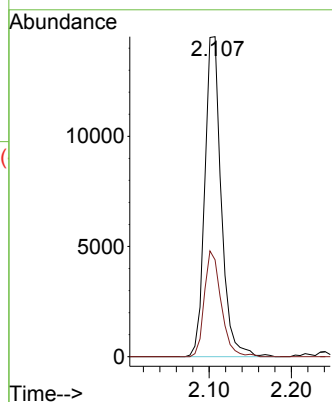
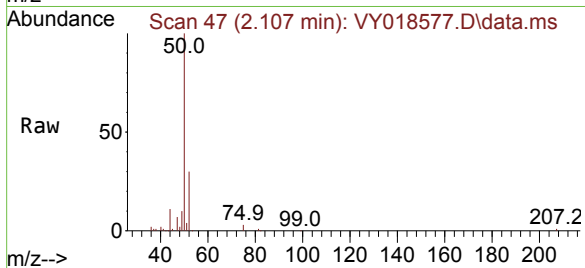




#3
Chloromethane
Concen: 10.652 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

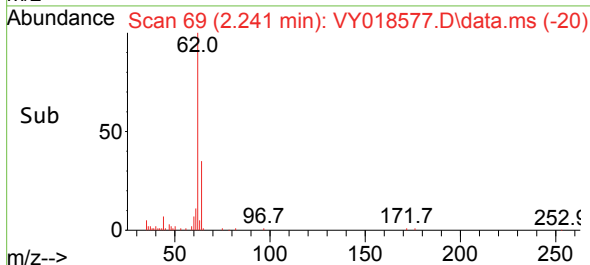
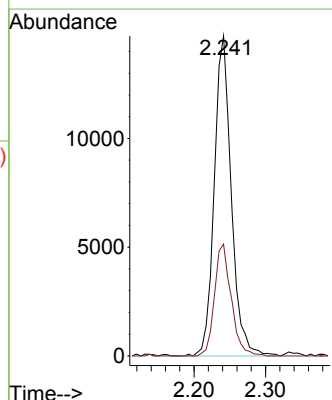
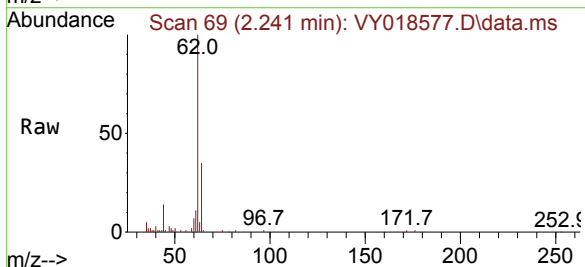
Instrument :
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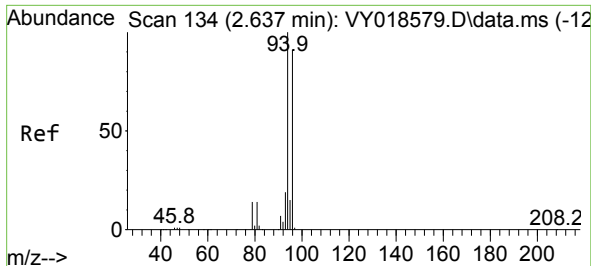
Tgt Ion: 50 Resp: 20184
Ion Ratio Lower Upper
50 100
52 30.2 25.6 38.4



#4
Vinyl Chloride
Concen: 10.384 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion: 62 Resp: 24367
Ion Ratio Lower Upper
62 100
64 35.0 26.1 39.1

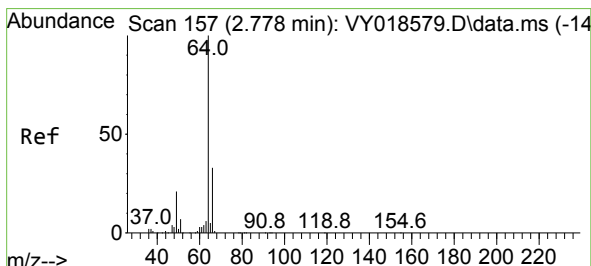
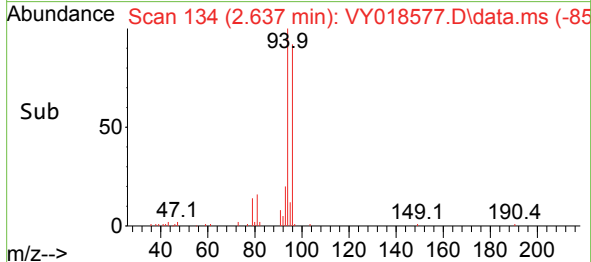
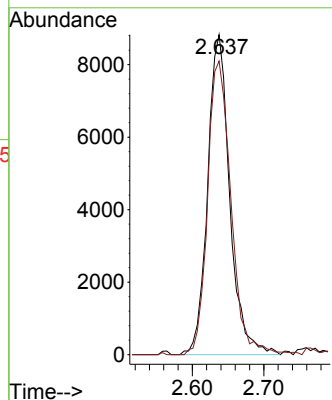
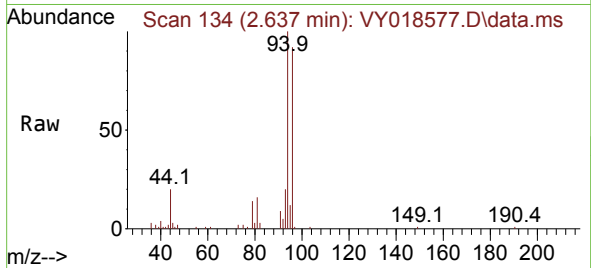




#5
Bromomethane
Concen: 10.864 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

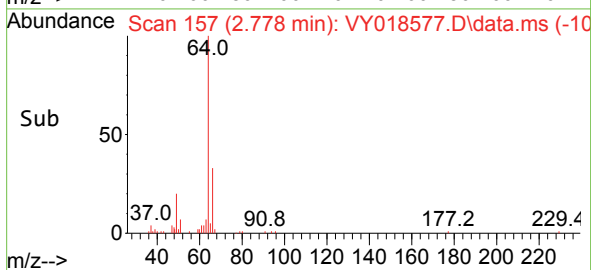
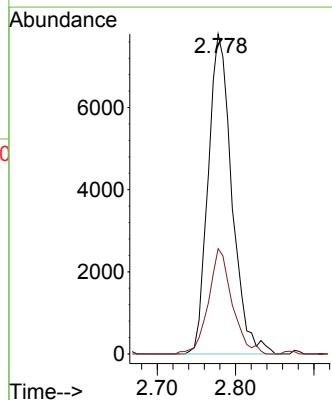
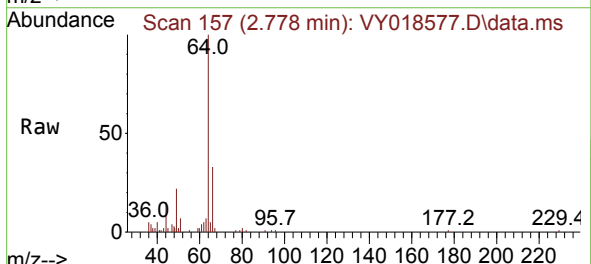
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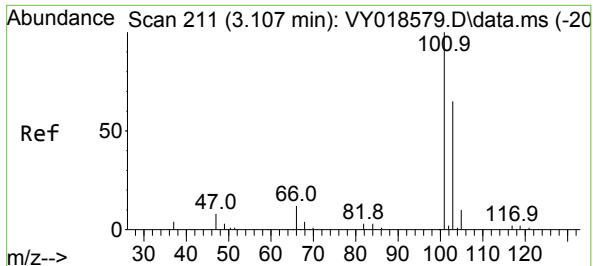
Tgt Ion: 94 Resp: 18949
Ion Ratio Lower Upper
94 100
96 91.7 74.1 111.1



#6
Chloroethane
Concen: 10.651 ug/l
RT: 2.778 min Scan# 157
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion: 64 Resp: 16372
Ion Ratio Lower Upper
64 100
66 32.9 26.1 39.1

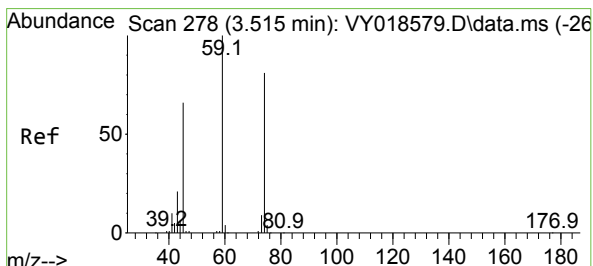
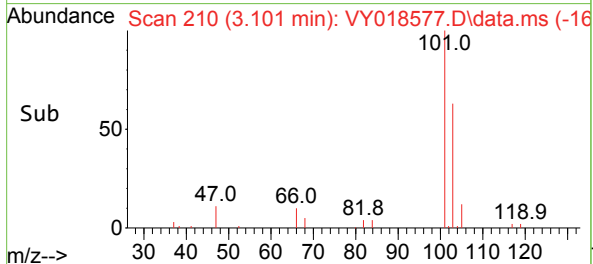
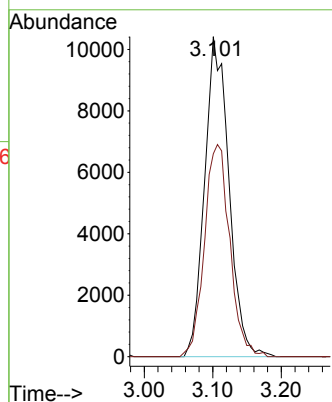
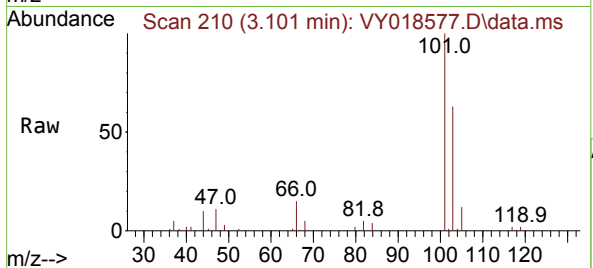




#7
Trichlorofluoromethane
Concen: 10.149 ug/l
RT: 3.101 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

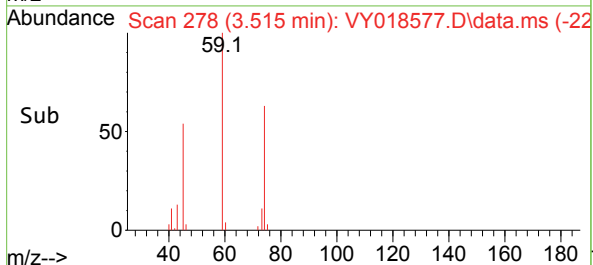
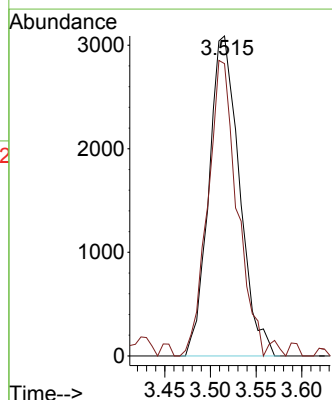
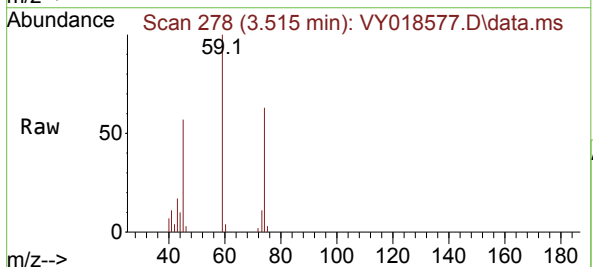
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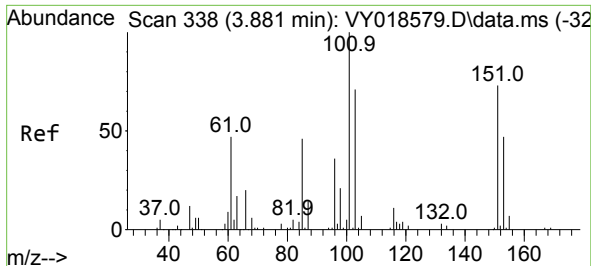
Tgt Ion:101 Resp: 25647
Ion Ratio Lower Upper
101 100
103 63.4 49.3 73.9



#8
Diethyl Ether
Concen: 9.978 ug/l
RT: 3.515 min Scan# 278
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion: 74 Resp: 7189
Ion Ratio Lower Upper
74 100
45 88.6 41.3 124.1

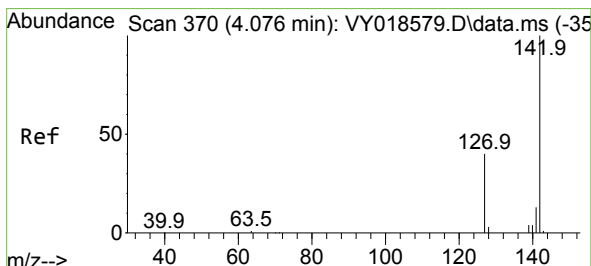
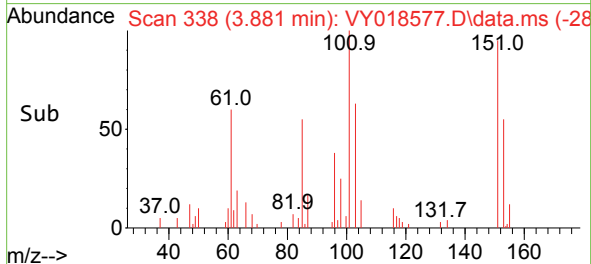
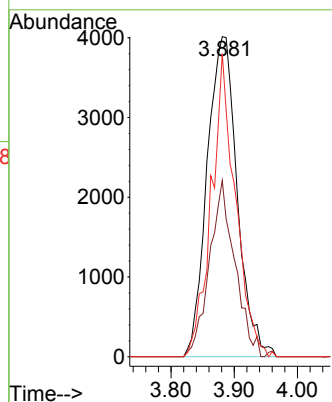
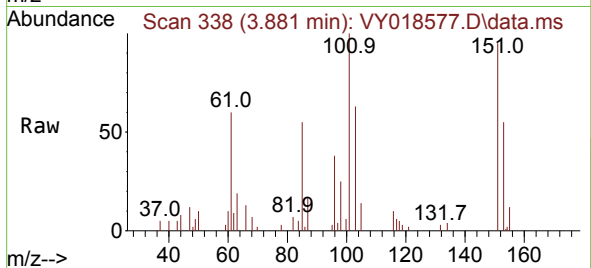




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.040 ug/l
RT: 3.881 min Scan# 31
Delta R.T. 0.000 min
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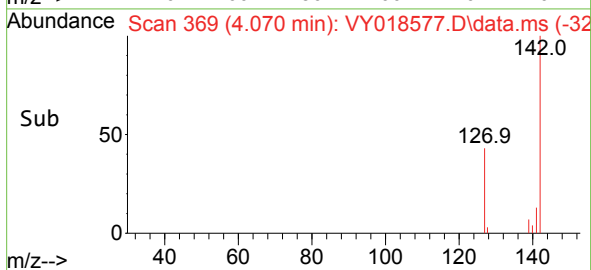
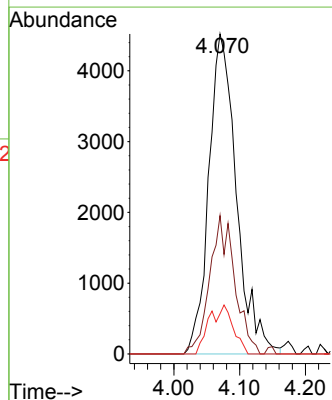
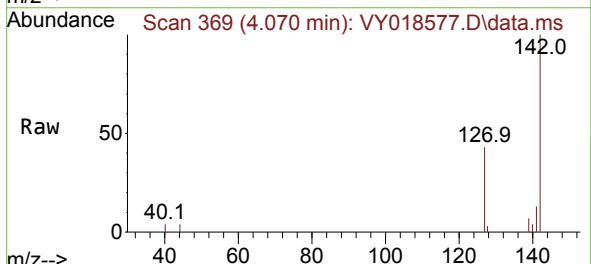
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

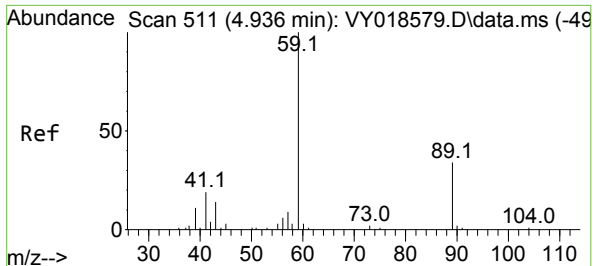
Tgt Ion:101 Resp: 13256
Ion Ratio Lower Upper
101 100
85 46.5 34.5 51.7
151 76.2 61.7 92.5



#10
Methyl Iodide
Concen: 8.844 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.006 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion:142 Resp: 13194
Ion Ratio Lower Upper
142 100
127 39.4 32.8 49.2
141 7.9 11.4 17.2#





#11

Tert butyl alcohol

Concen: 72.673 ug/l

RT: 4.924 min Scan# 509

Delta R.T. -0.012 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

Instrument :

MSVOA_Y

ClientSampleId :

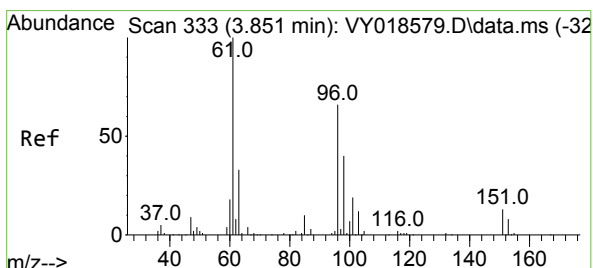
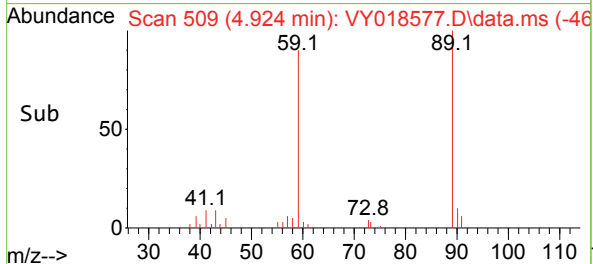
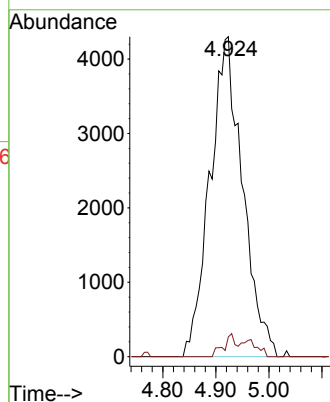
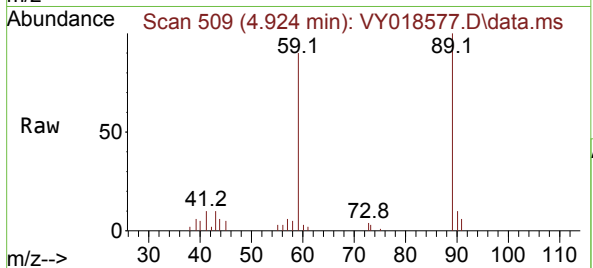
VSTDIC010

Tgt Ion: 59 Resp: 18384

Ion Ratio Lower Upper

59 100

57 2.6 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 10.222 ug/l

RT: 3.857 min Scan# 334

Delta R.T. 0.006 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

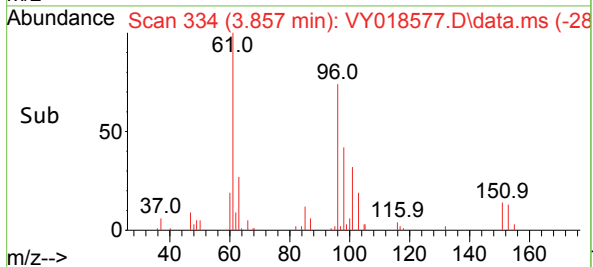
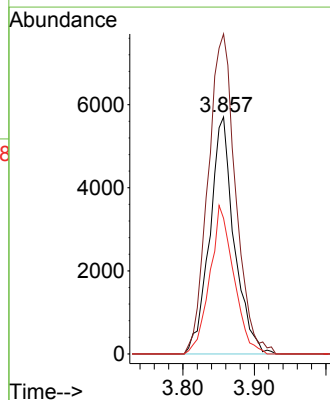
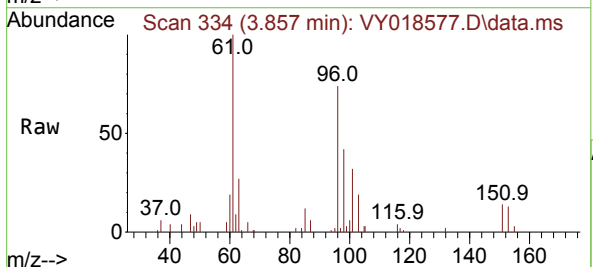
Tgt Ion: 96 Resp: 13563

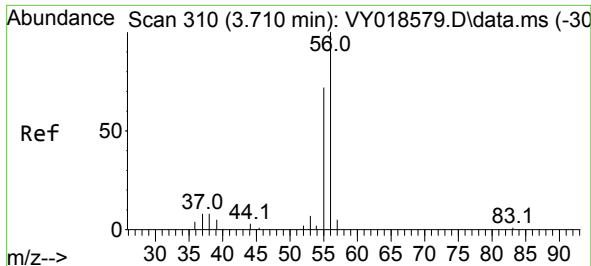
Ion Ratio Lower Upper

96 100

61 135.0 114.6 171.8

98 57.2 50.8 76.2

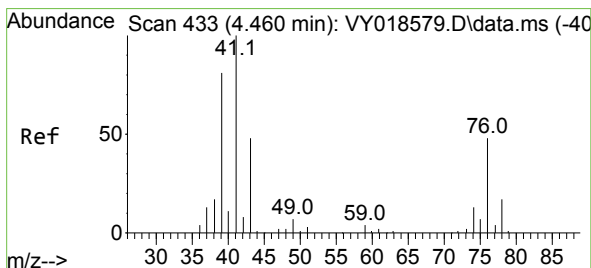
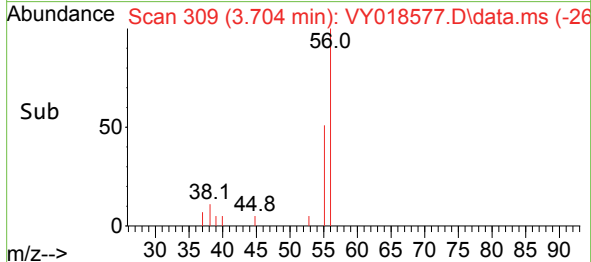
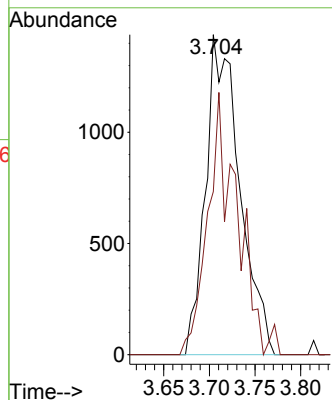
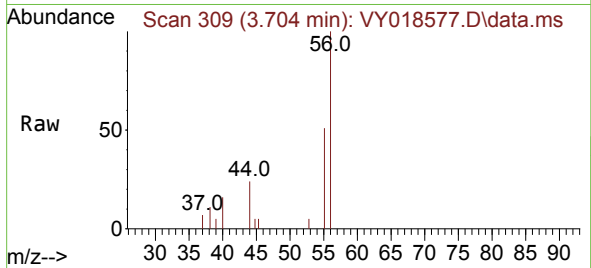




#13
Acrolein
Concen: 45.827 ug/l
RT: 3.704 min Scan# 310
Delta R.T. -0.006 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

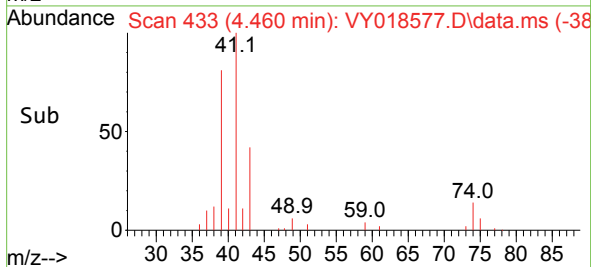
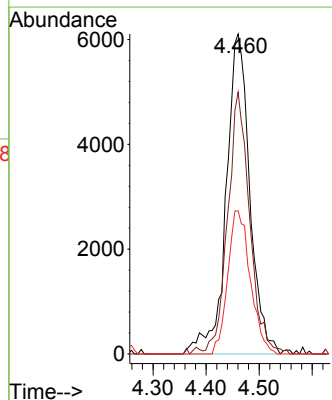
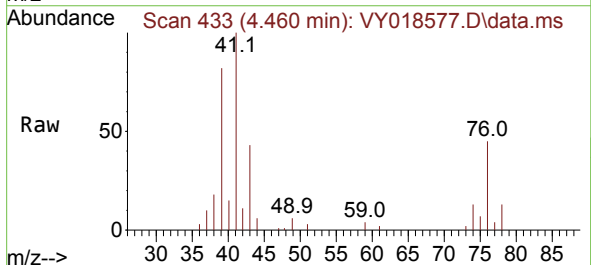
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

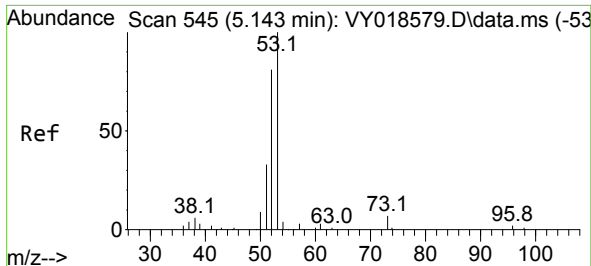
Tgt Ion: 56 Resp: 3727
Ion Ratio Lower Upper
56 100
55 69.8 55.7 83.5



#14
Allyl chloride
Concen: 10.574 ug/l
RT: 4.460 min Scan# 433
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion: 41 Resp: 18915
Ion Ratio Lower Upper
41 100
39 75.9 58.3 87.5
76 42.7 39.0 58.6

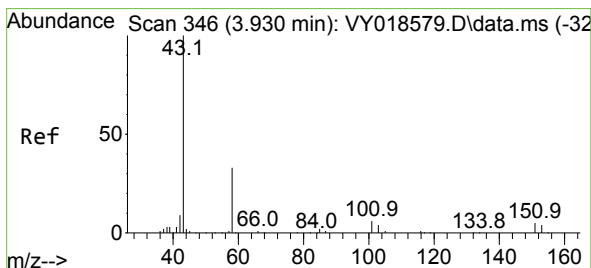
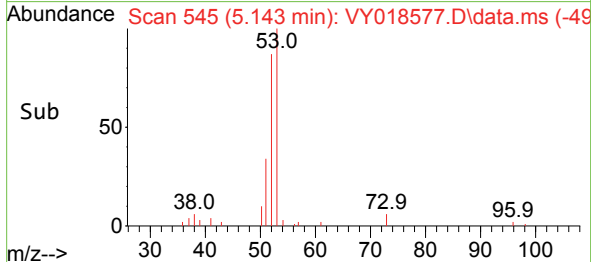
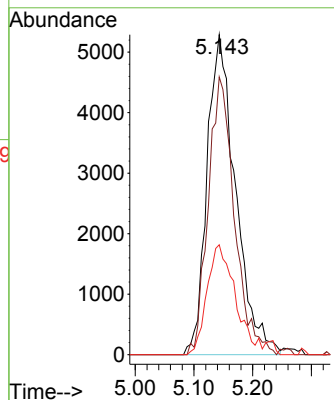
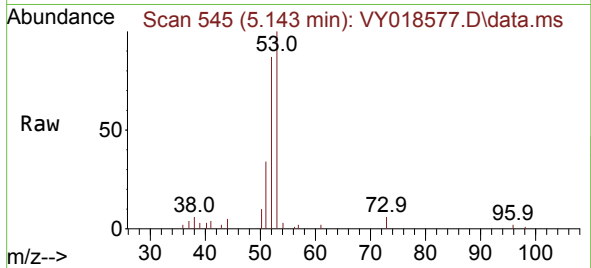




#15
Acrylonitrile
Concen: 55.734 ug/l
RT: 5.143 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

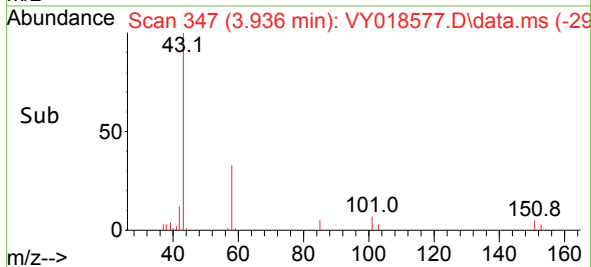
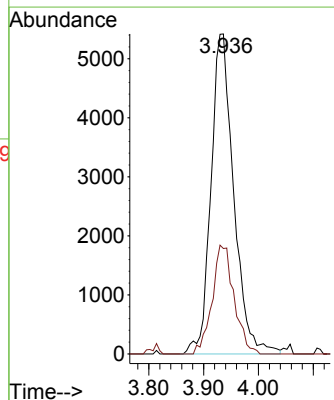
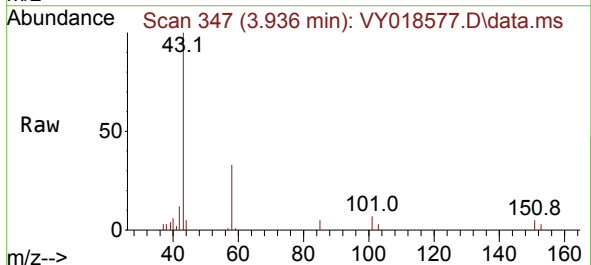
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

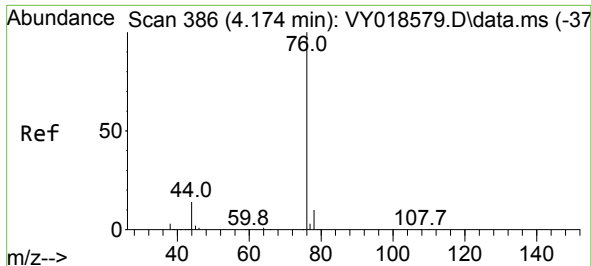
Tgt Ion: 53	Resp:	17864
Ion	Ratio	Lower Upper
53	100	
52	79.5	64.7 97.1
51	33.4	28.4 42.6



#16
Acetone
Concen: 54.577 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion: 43	Resp:	15616
Ion	Ratio	Lower Upper
43	100	
58	33.0	31.7 47.5

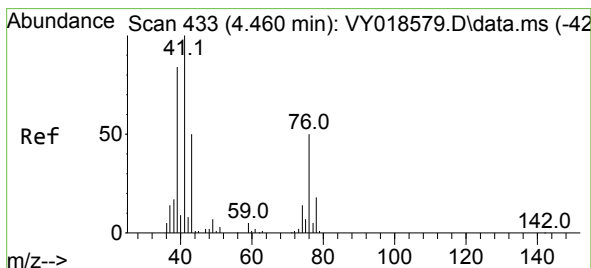
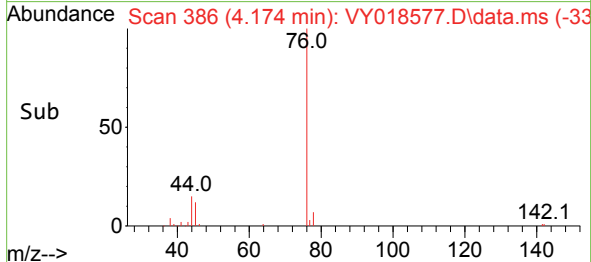
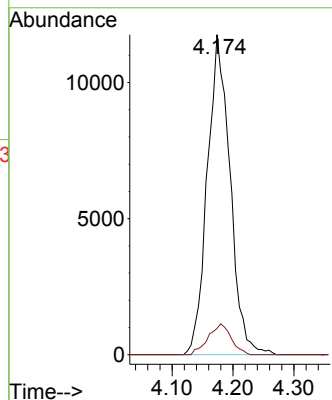
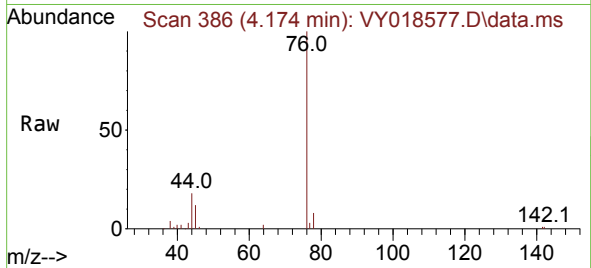




#17
Carbon Disulfide
Concen: 9.463 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

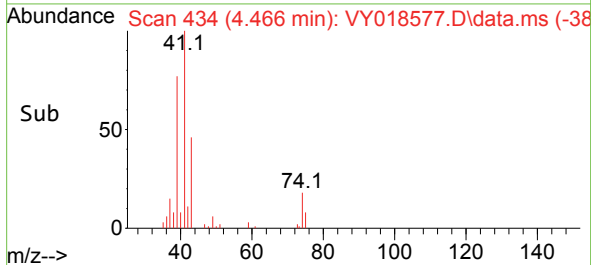
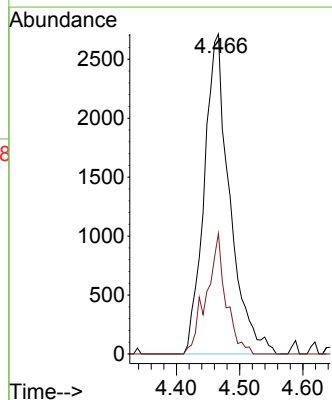
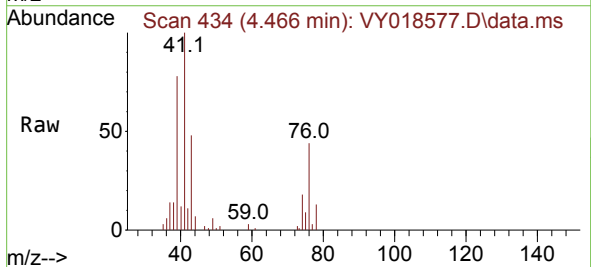
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

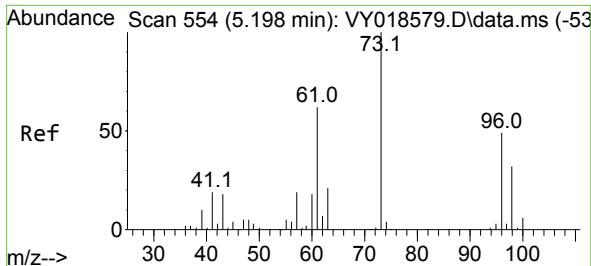
Tgt Ion: 76 Resp: 30505
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2



#18
Methyl Acetate
Concen: 10.513 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.006 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion: 43 Resp: 7630
Ion Ratio Lower Upper
43 100
74 28.9 23.3 34.9

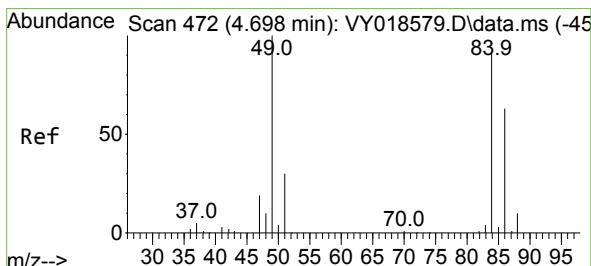
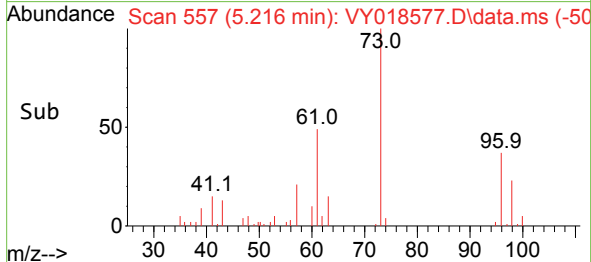
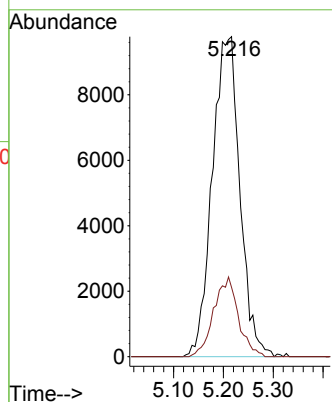
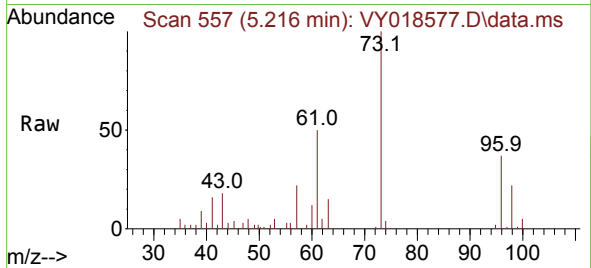




#19
Methyl tert-butyl Ether
Concen: 10.628 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

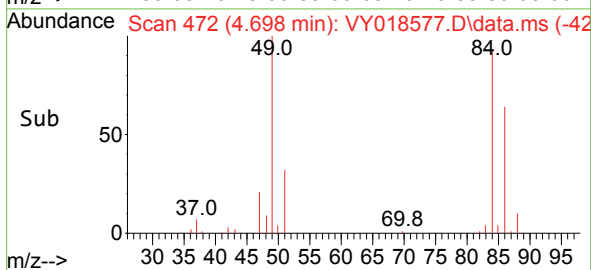
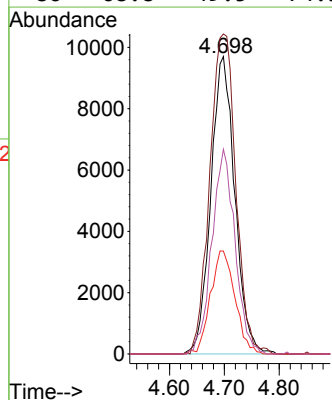
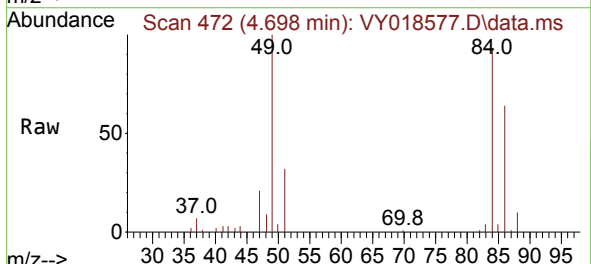
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

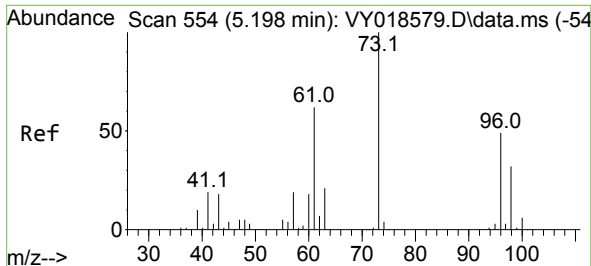
Tgt Ion: 73 Resp: 37615
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 9.477 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion: 84 Resp: 29516
Ion Ratio Lower Upper
84 100
49 107.6 84.4 126.6
51 34.6 26.0 39.0
86 68.8 49.5 74.3

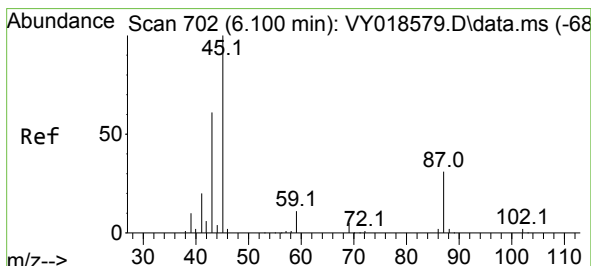
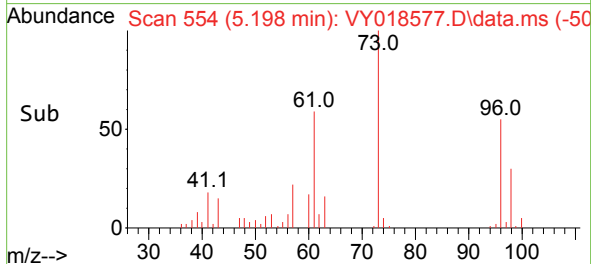
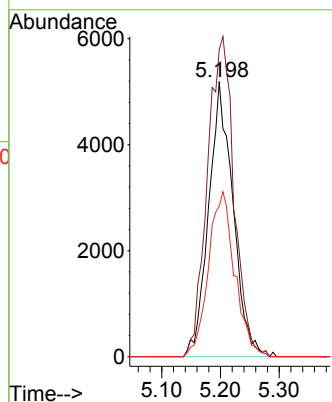
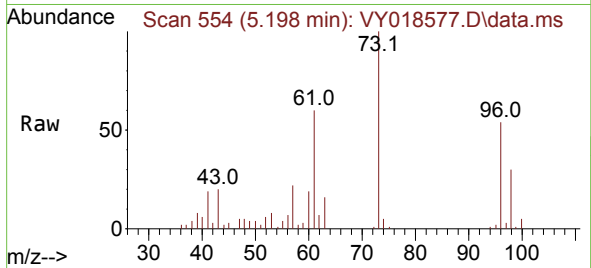




#21
trans-1,2-Dichloroethene
Concen: 9.905 ug/l
RT: 5.198 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

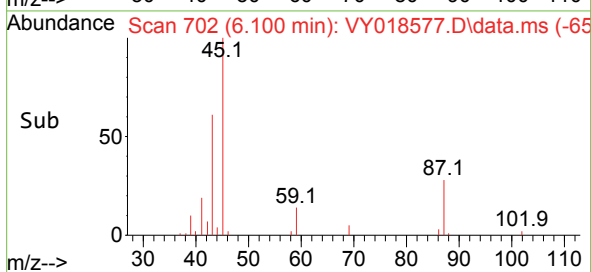
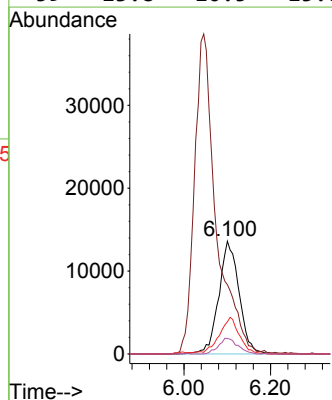
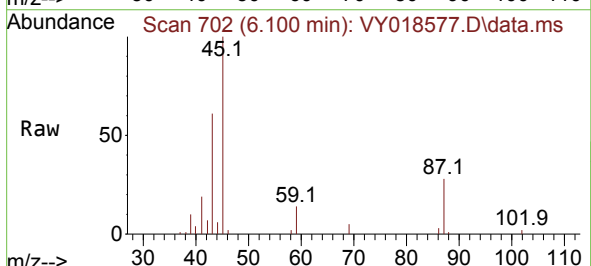
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

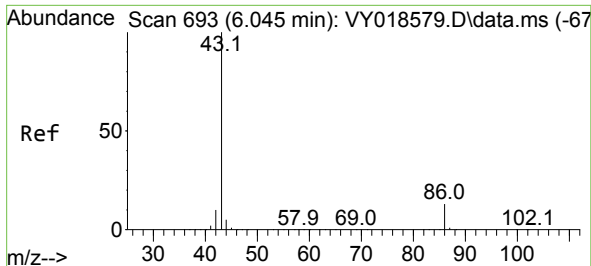
Tgt Ion: 96 Resp: 14960
Ion Ratio Lower Upper
96 100
61 111.6 97.5 146.3
98 54.7 50.5 75.7



#22
Diisopropyl ether
Concen: 10.981 ug/l
RT: 6.100 min Scan# 702
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion: 45 Resp: 44344
Ion Ratio Lower Upper
45 100
43 60.7 42.2 63.2
87 28.5 25.0 37.6
59 13.8 10.5 15.7

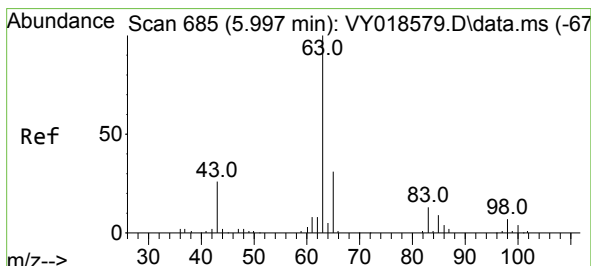
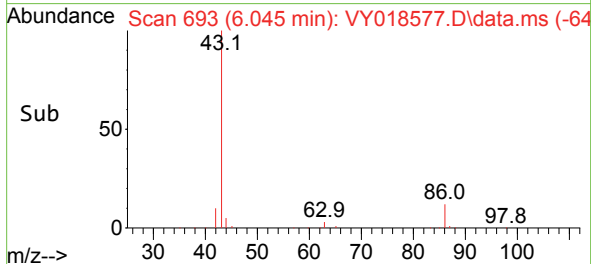
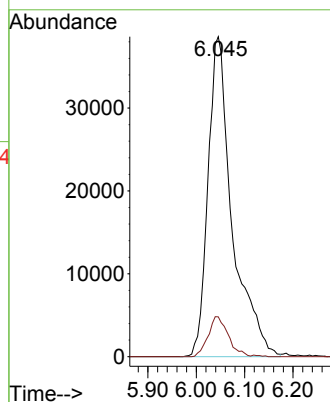
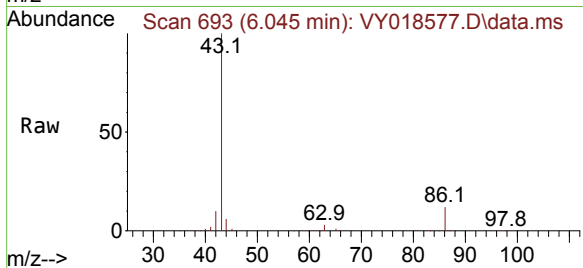




#23
 Vinyl Acetate
 Concen: 53.055 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY018577.D
 Acq: 13 Jun 2024 16:23

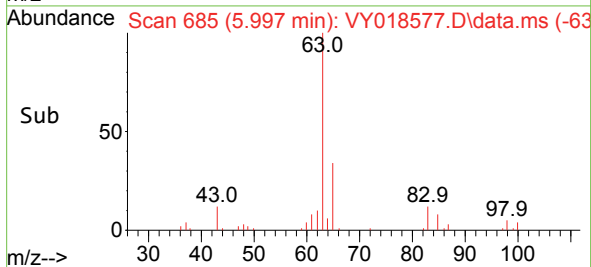
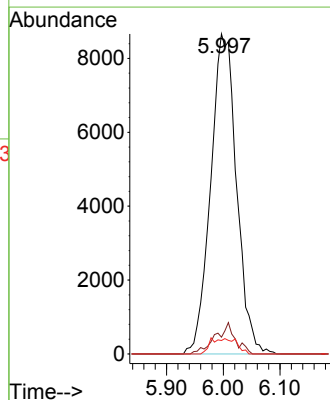
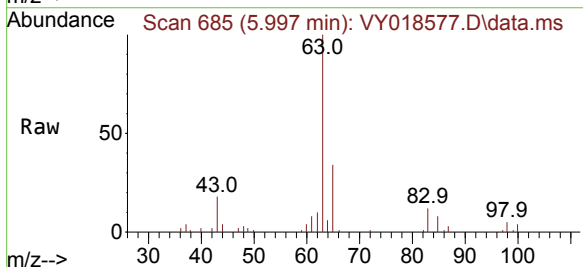
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

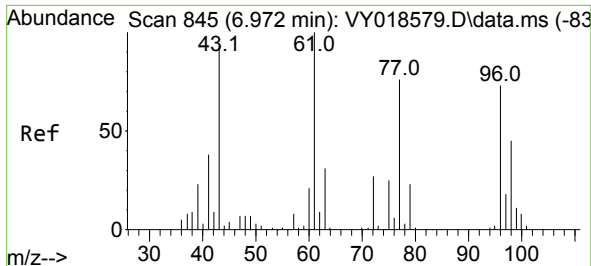
Tgt Ion: 43 Resp: 134020
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 10.566 ug/l
 RT: 5.997 min Scan# 685
 Delta R.T. 0.000 min
 Lab File: VY018577.D
 Acq: 13 Jun 2024 16:23

Tgt Ion: 63 Resp: 27489
 Ion Ratio Lower Upper
 63 100
 98 5.3 4.0 12.2
 100 4.2 2.6 8.0

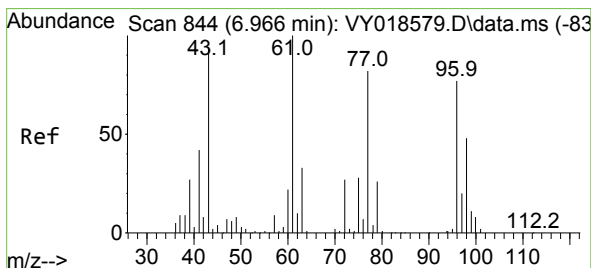
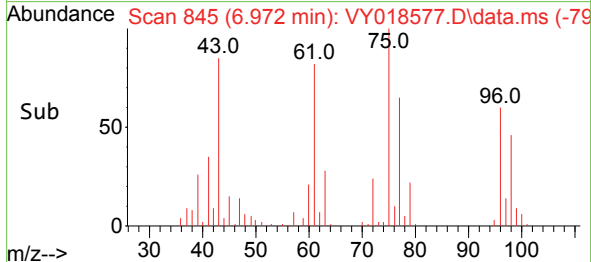
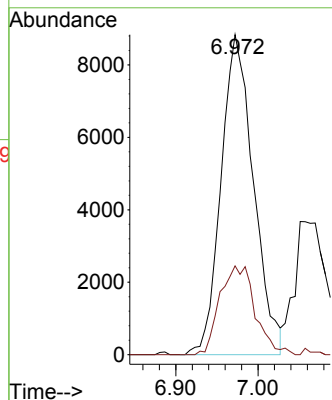
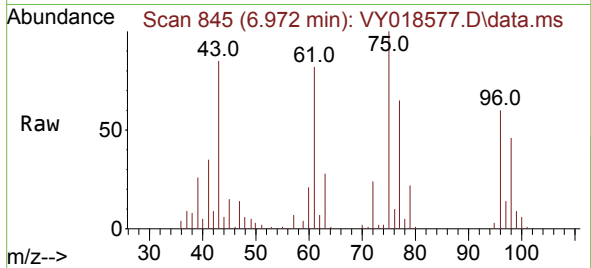




#25
2-Butanone
Concen: 56.513 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

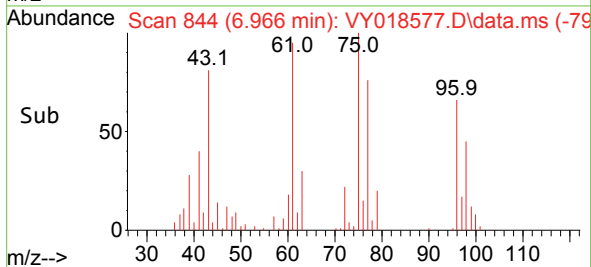
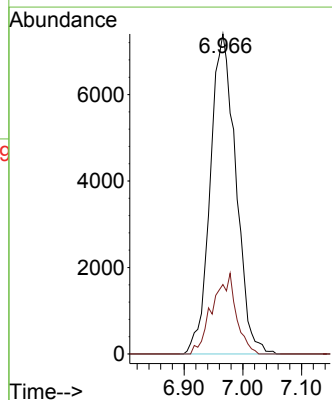
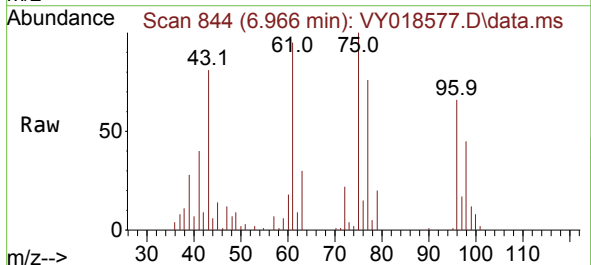
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

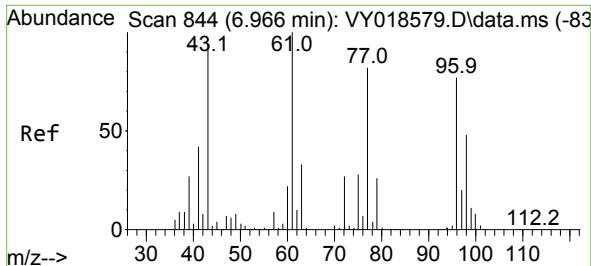
Tgt Ion: 43 Resp: 24238
Ion Ratio Lower Upper
43 100
72 27.7 27.3 40.9



#26
2,2-Dichloropropane
Concen: 10.215 ug/l
RT: 6.966 min Scan# 844
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion: 77 Resp: 22389
Ion Ratio Lower Upper
77 100
97 23.4 12.0 36.1

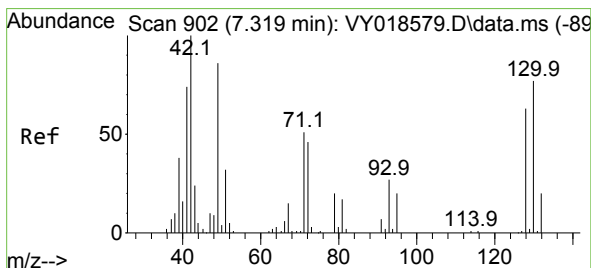
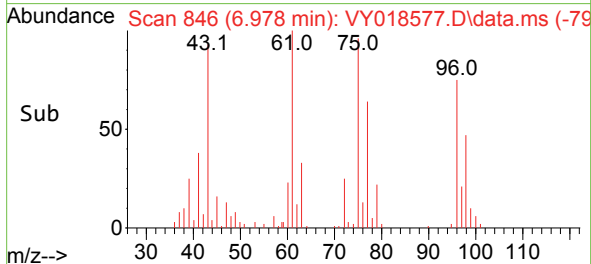
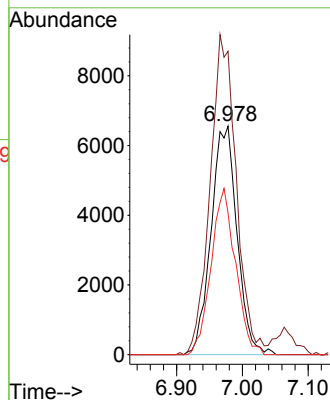
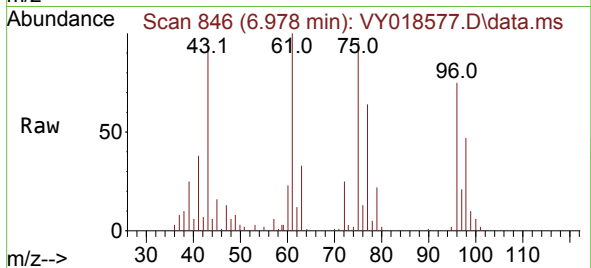




#27
 cis-1,2-Dichloroethene
 Concen: 9.904 ug/l
 RT: 6.978 min Scan# 844
 Delta R.T. 0.012 min
 Lab File: VY018577.D
 Acq: 13 Jun 2024 16:23

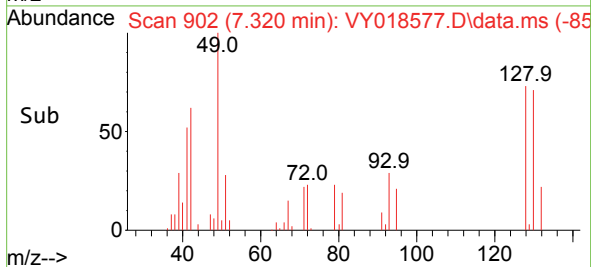
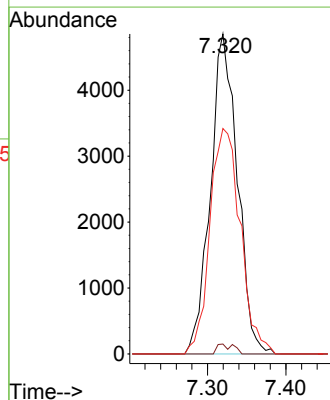
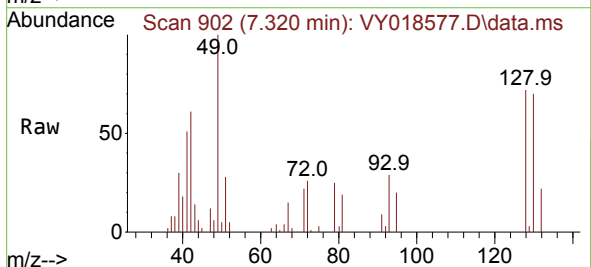
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

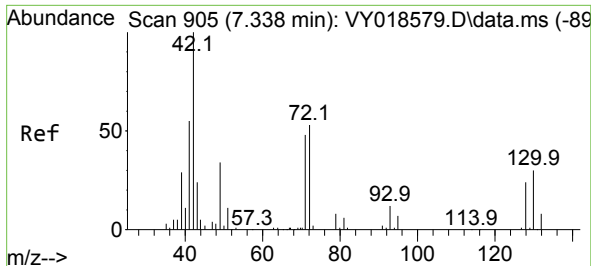
Tgt Ion: 96 Resp: 18069
 Ion Ratio Lower Upper
 96 100
 61 140.5 0.0 256.2
 98 68.5 0.0 130.0



#28
 Bromochloromethane
 Concen: 10.895 ug/l
 RT: 7.320 min Scan# 902
 Delta R.T. 0.000 min
 Lab File: VY018577.D
 Acq: 13 Jun 2024 16:23

Tgt Ion: 49 Resp: 11618
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 79.4 72.7 109.1

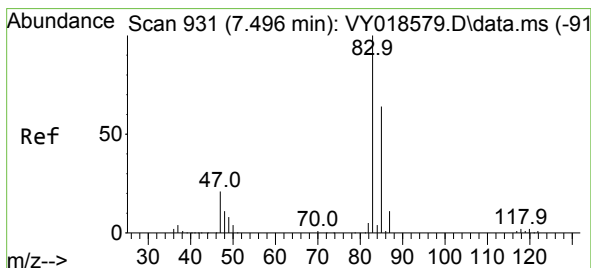
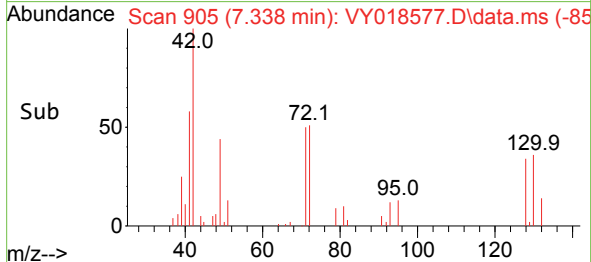
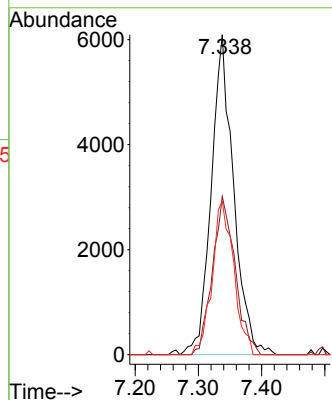
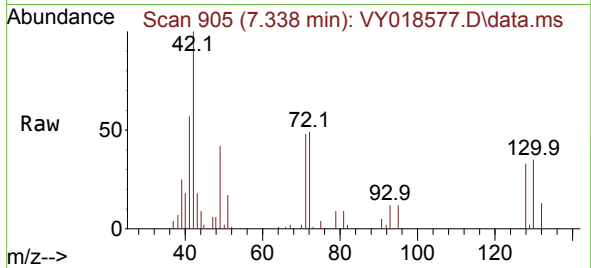




#29
Tetrahydrofuran
Concen: 56.751 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

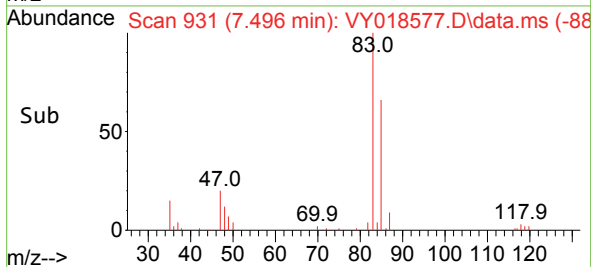
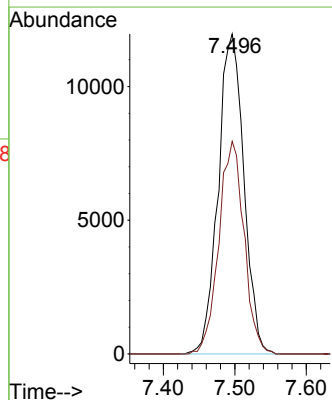
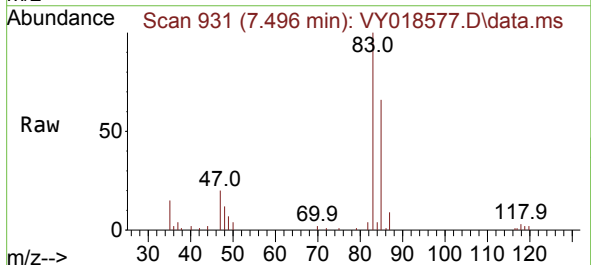
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

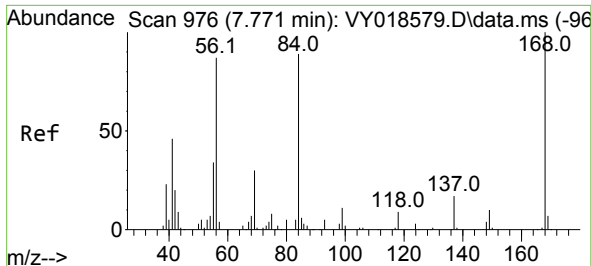
Tgt Ion: 42 Resp: 14937
Ion Ratio Lower Upper
42 100
72 50.0 43.0 64.4
71 46.2 40.8 61.2



#30
Chloroform
Concen: 10.525 ug/l
RT: 7.496 min Scan# 931
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion: 83 Resp: 29842
Ion Ratio Lower Upper
83 100
85 66.4 52.2 78.4

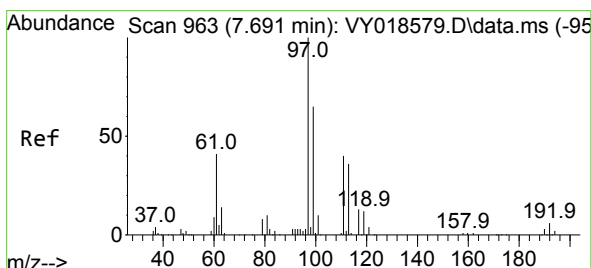
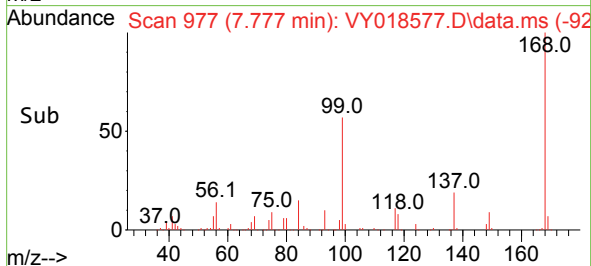
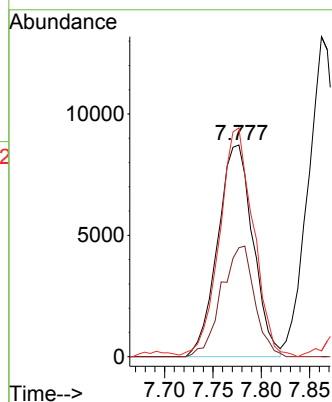
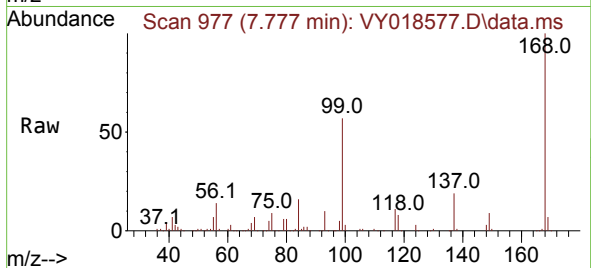




#31
Cyclohexane
Concen: 10.276 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

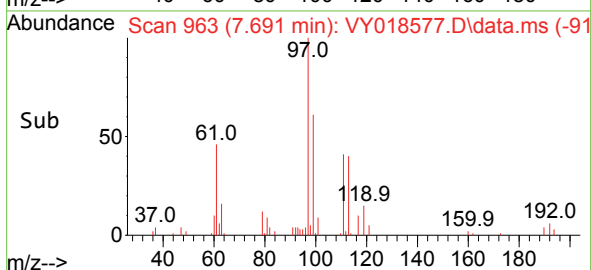
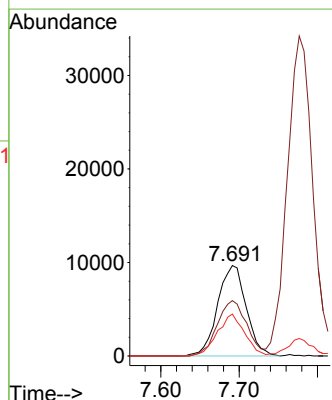
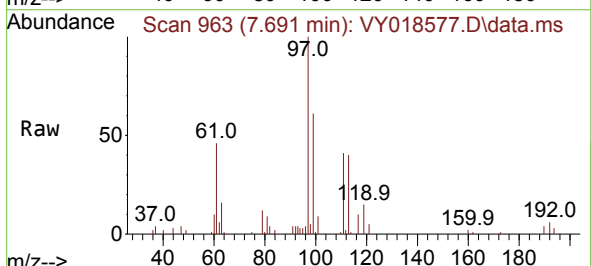
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

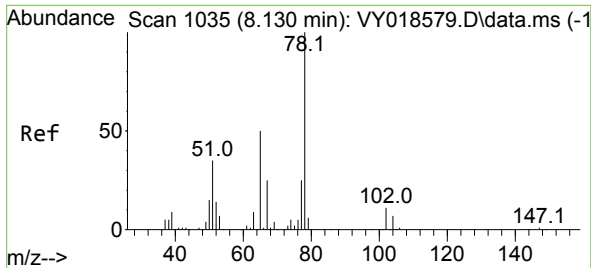
Tgt Ion: 56 Resp: 22137
Ion Ratio Lower Upper
56 100
69 51.5 28.7 43.1#
84 107.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 10.158 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion: 97 Resp: 24467
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 44.2 32.6 48.8

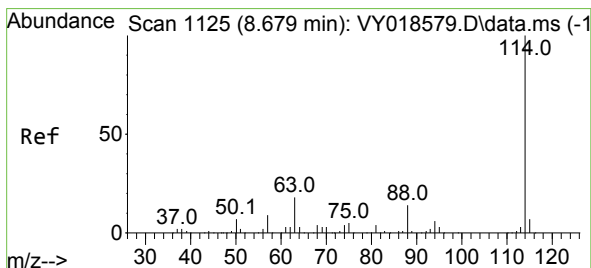
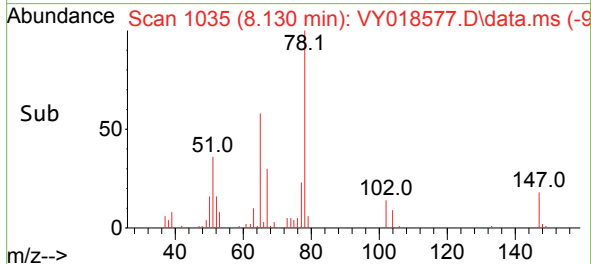
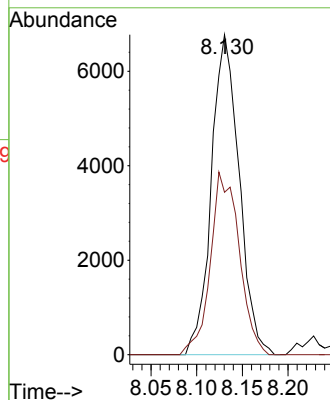
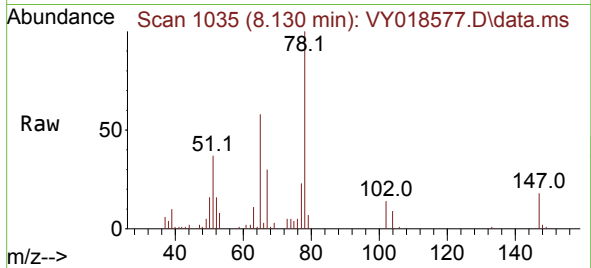




#33
1,2-Dichloroethane-d4
Concen: 10.183 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

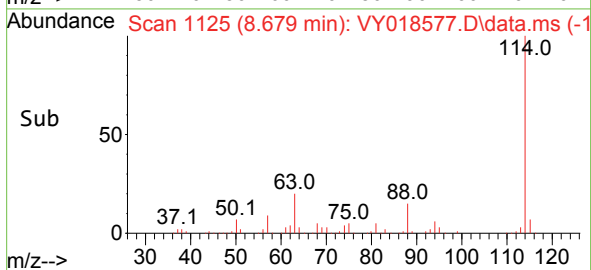
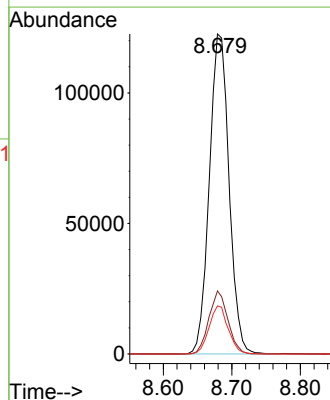
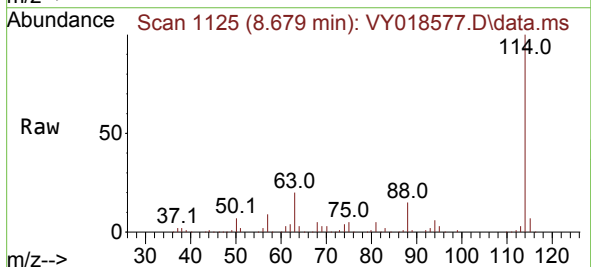
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

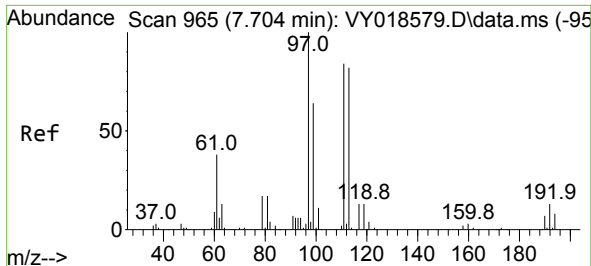
Tgt Ion: 65 Resp: 14321
Ion Ratio Lower Upper
65 100
67 59.1 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion:114 Resp: 245386
Ion Ratio Lower Upper
114 100
63 19.7 0.0 35.0
88 15.0 0.0 27.2

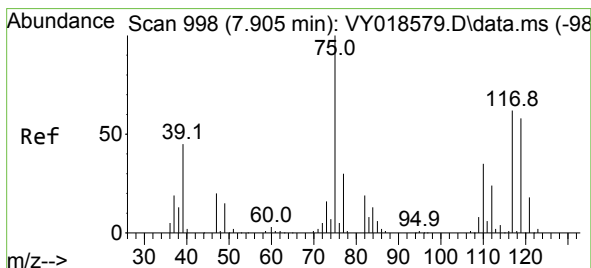
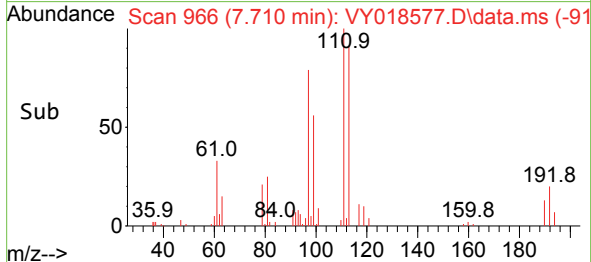
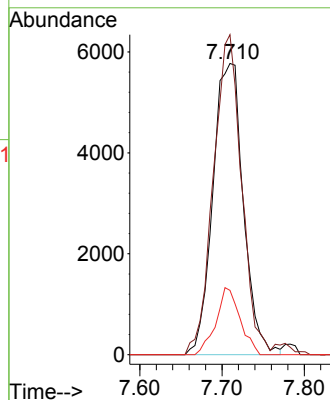
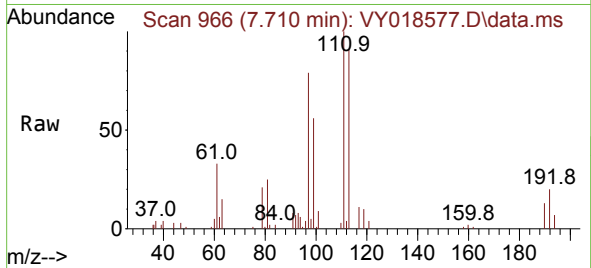




#35
Dibromofluoromethane
Concen: 9.935 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

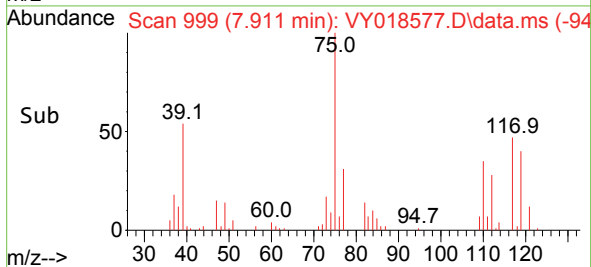
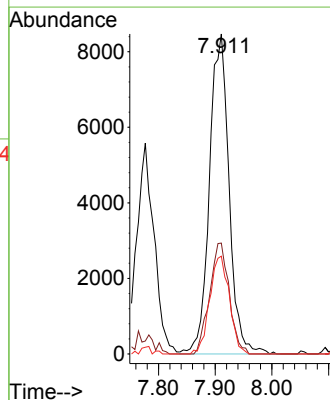
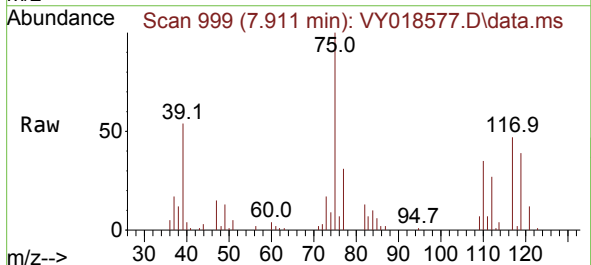
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

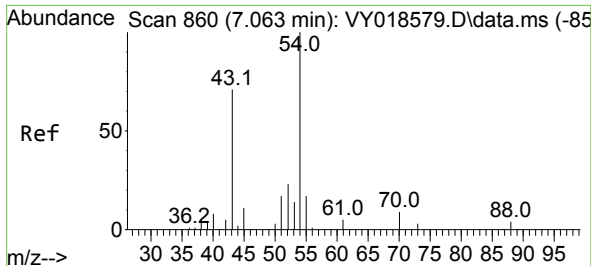
Tgt Ion:113 Resp: 14872
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 18.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 9.888 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion: 75 Resp: 20373
Ion Ratio Lower Upper
75 100
110 34.7 19.0 57.0
77 30.7 25.3 37.9

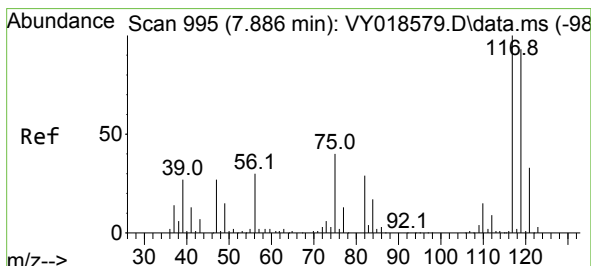
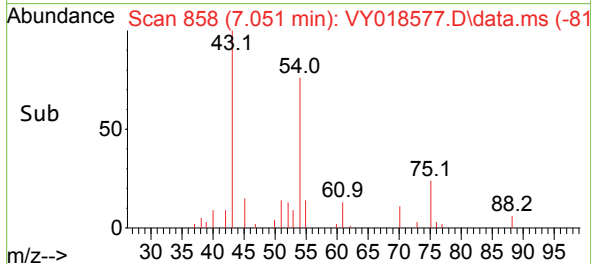
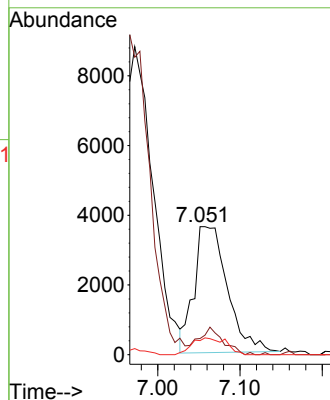
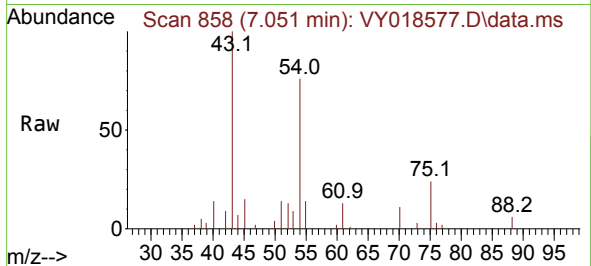




#37
Ethyl Acetate
Concen: 10.534 ug/l
RT: 7.051 min Scan# 81
Delta R.T. -0.012 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

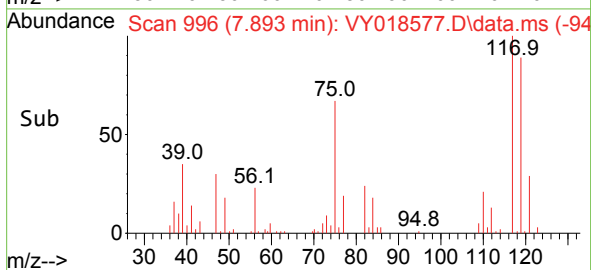
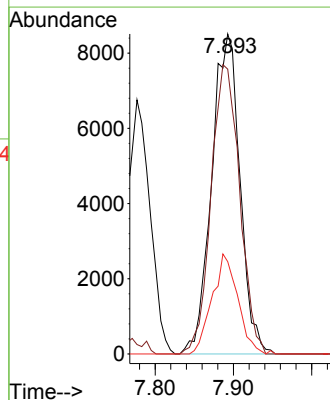
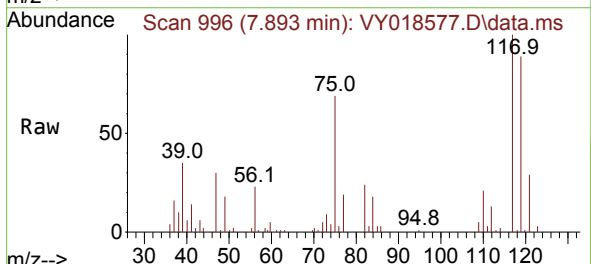
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

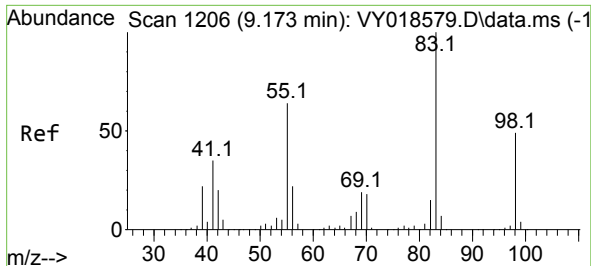
Tgt Ion: 43 Resp: 10232
Ion Ratio Lower Upper
43 100
61 15.4 12.6 19.0
70 13.6 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 9.899 ug/l
RT: 7.893 min Scan# 996
Delta R.T. 0.006 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion: 117 Resp: 21398
Ion Ratio Lower Upper
117 100
119 89.0 75.8 113.6
121 28.9 24.0 36.0





#39

Methylcyclohexane

Concen: 9.649 ug/l

RT: 9.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

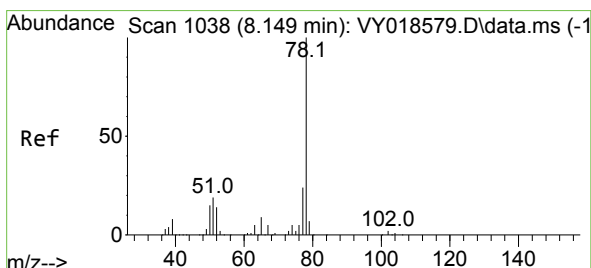
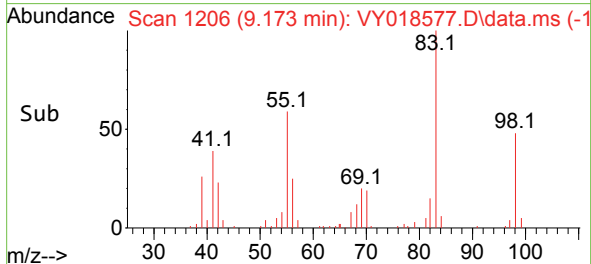
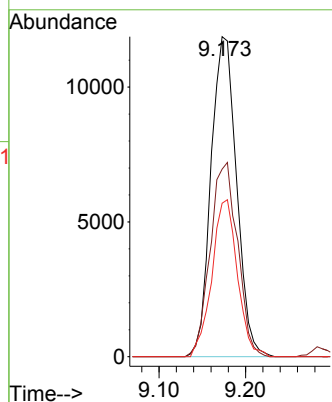
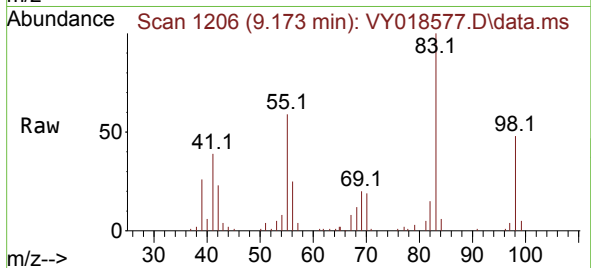
Tgt Ion: 83 Resp: 24360

Ion Ratio Lower Upper

83 100

55 58.6 51.5 77.3

98 48.0 40.5 60.7



#40

Benzene

Concen: 10.042 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY018577.D

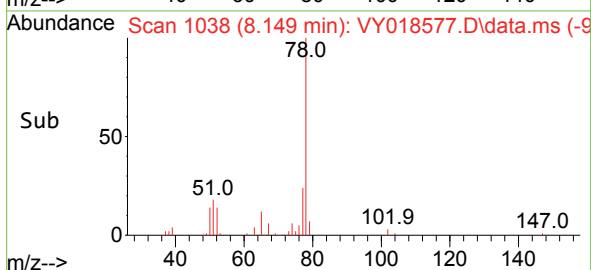
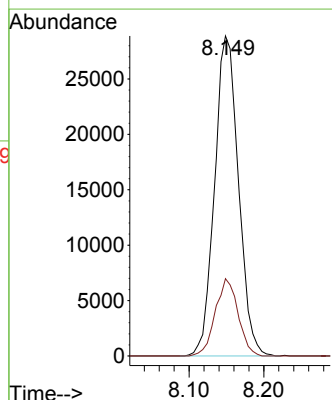
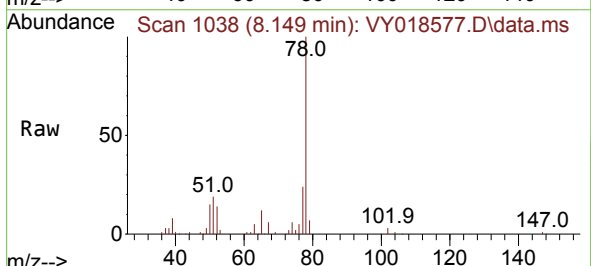
Acq: 13 Jun 2024 16:23

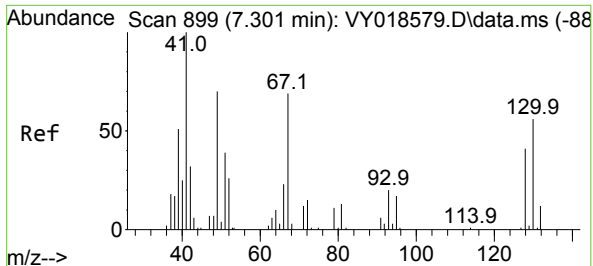
Tgt Ion: 78 Resp: 63992

Ion Ratio Lower Upper

78 100

77 24.1 19.5 29.3

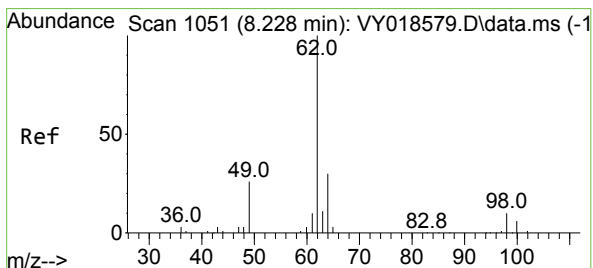
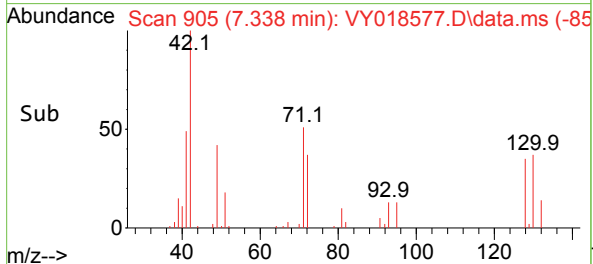
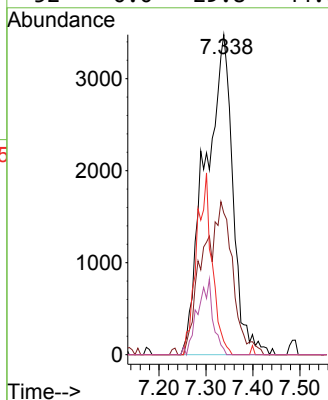
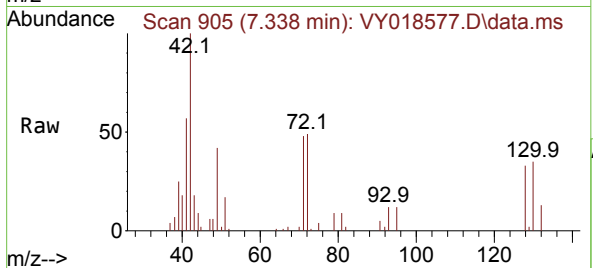




#41
Methacrylonitrile
Concen: 30.427 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

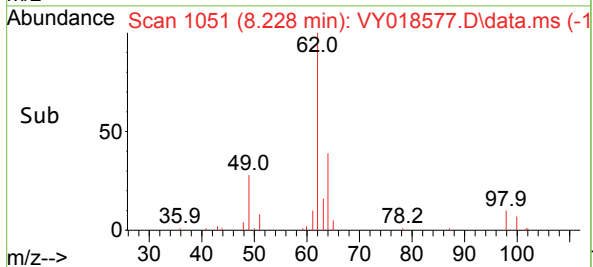
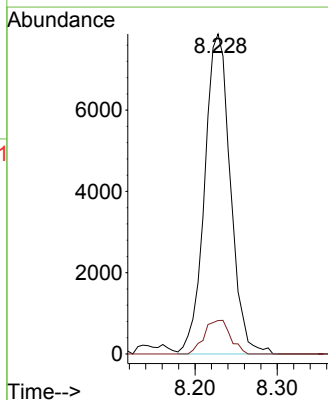
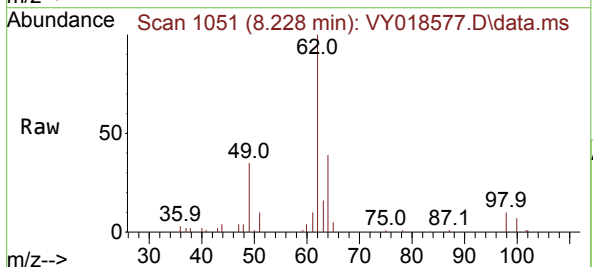
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

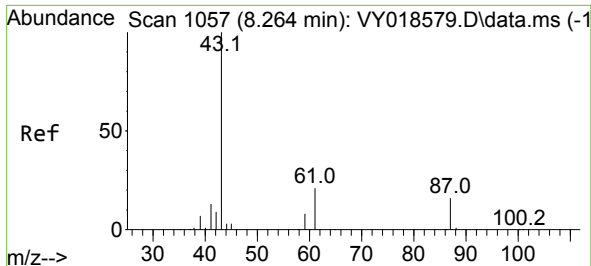
Tgt Ion:	41	Resp:	14220
Ion	Ratio	Lower	Upper
41	100		
39	51.5	48.0	72.0
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 10.321 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion:	62	Resp:	17158
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	22.0

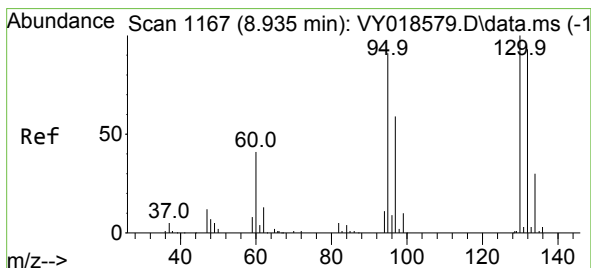
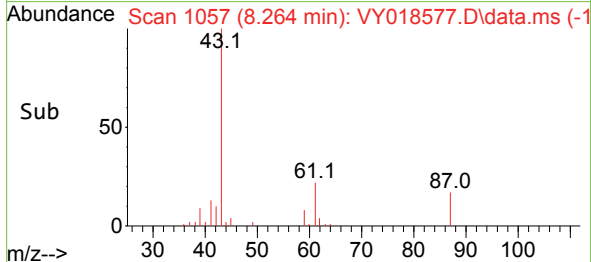
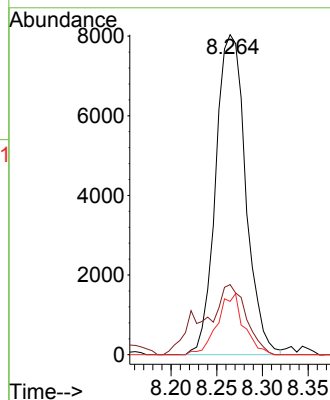
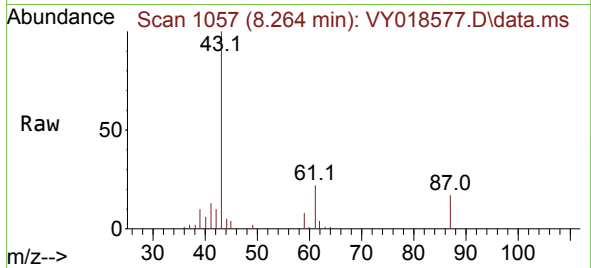




#43
Isopropyl Acetate
Concen: 10.133 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

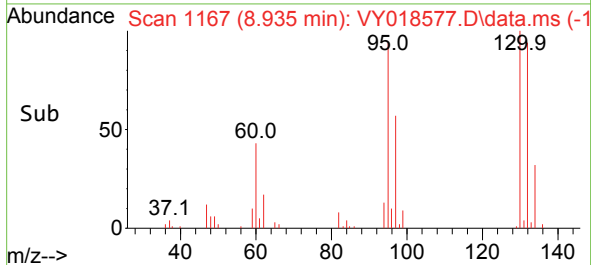
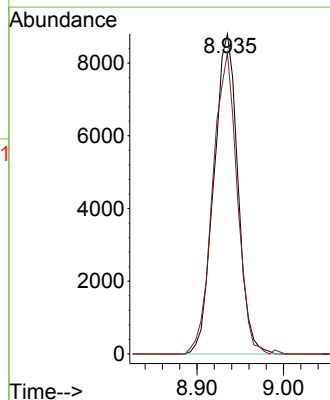
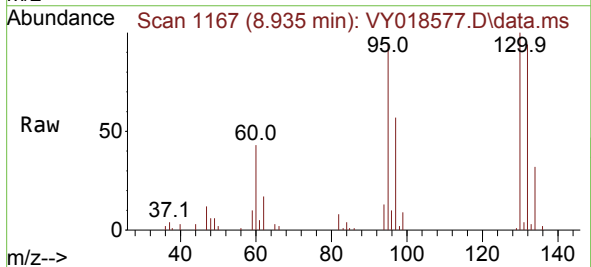
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

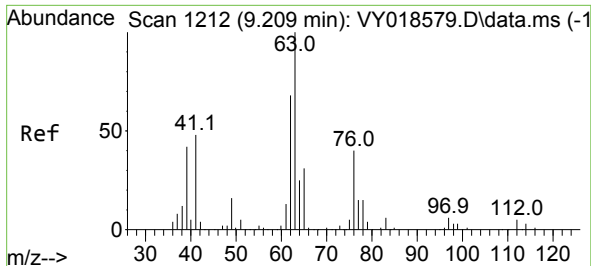
Tgt Ion: 43 Resp: 18370
Ion Ratio Lower Upper
43 100
61 19.3 27.9 41.9#
87 16.9 13.1 19.7



#44
Trichloroethene
Concen: 10.110 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion:130 Resp: 16867
Ion Ratio Lower Upper
130 100
95 94.1 0.0 188.0

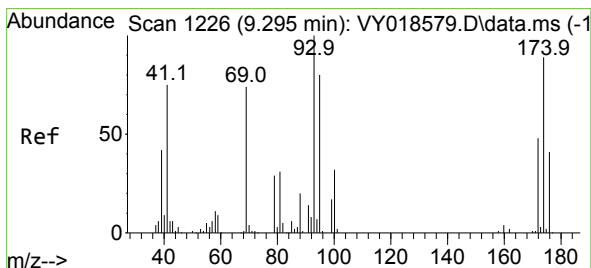
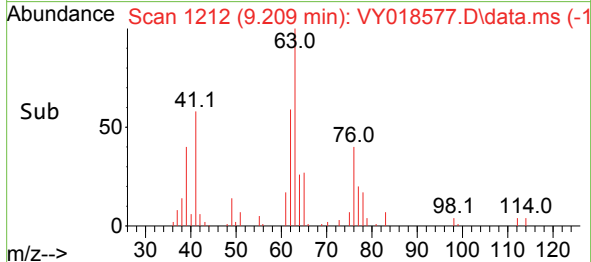
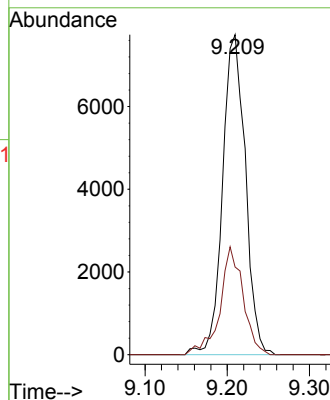
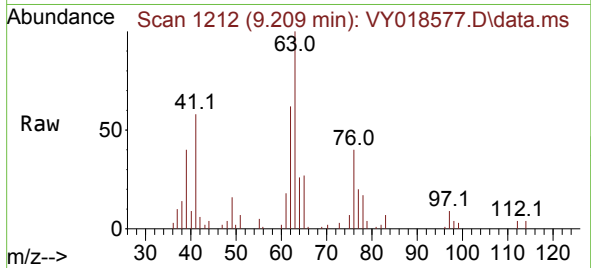




#45
1,2-Dichloropropane
Concen: 10.212 ug/l
RT: 9.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

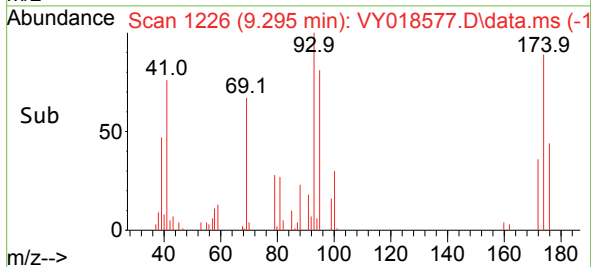
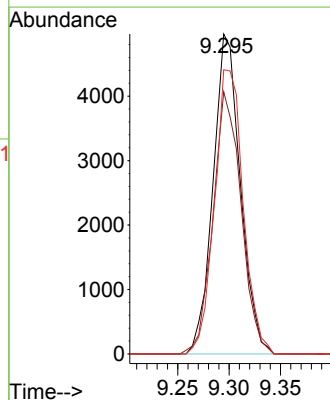
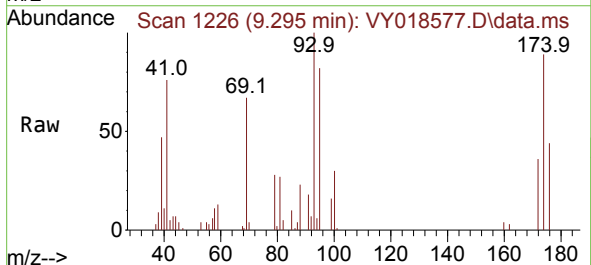
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

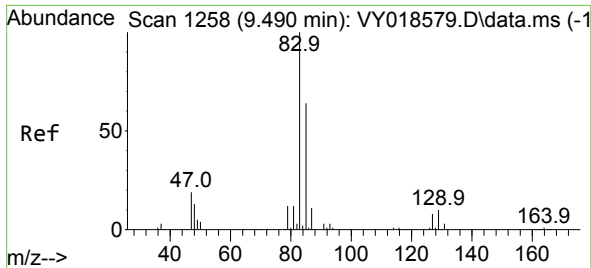
Tgt Ion: 63 Resp: 14879
Ion Ratio Lower Upper
63 100
65 27.4 25.4 38.2



#46
Dibromomethane
Concen: 10.124 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion: 93 Resp: 9153
Ion Ratio Lower Upper
93 100
95 84.3 66.2 99.4
174 93.2 80.9 121.3

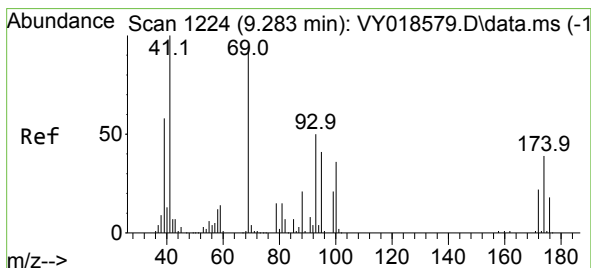
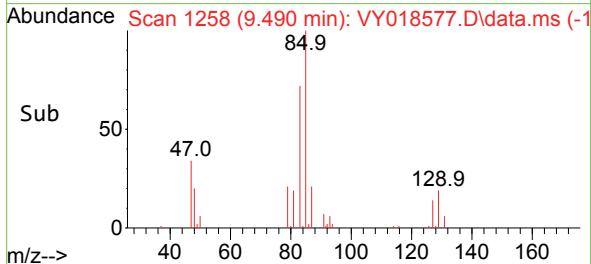
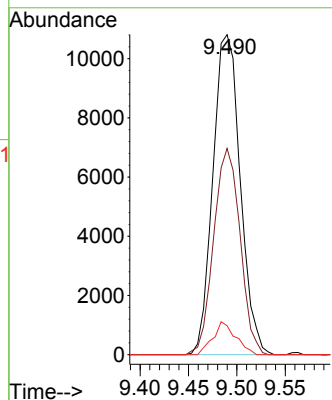
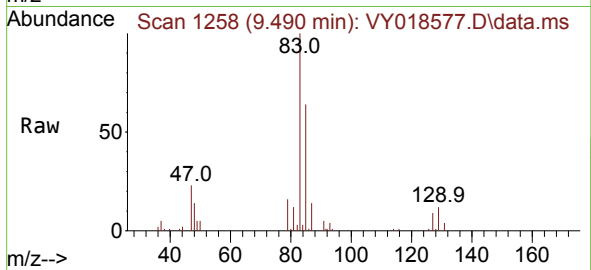




#47
Bromodichloromethane
Concen: 9.838 ug/l
RT: 9.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

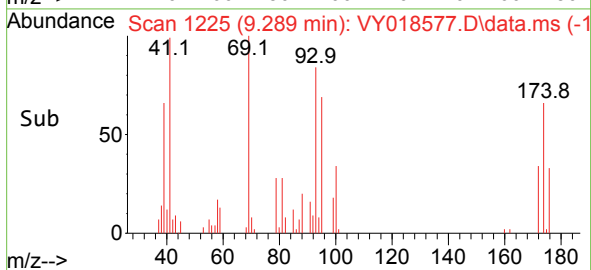
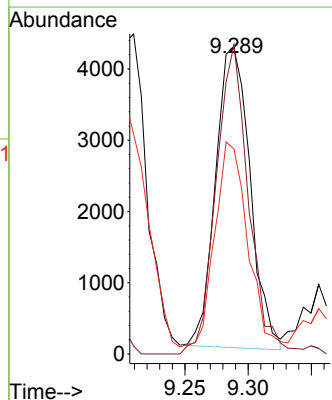
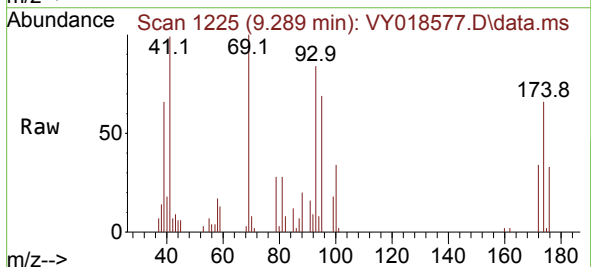
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

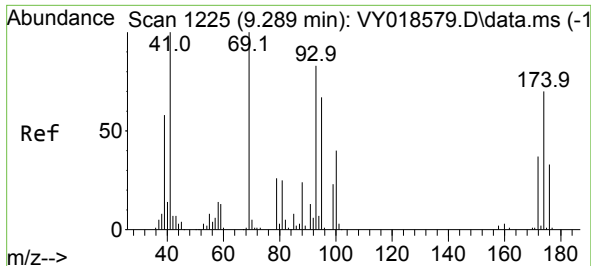
Tgt Ion: 83 Resp: 21228
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 9.1 7.4 11.0



#48
Methyl methacrylate
Concen: 9.829 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion: 41 Resp: 8022
Ion Ratio Lower Upper
41 100
69 96.4 84.1 126.1
39 70.4 43.6 65.4#





#49

1,4-Dioxane

Concen: 225.813 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

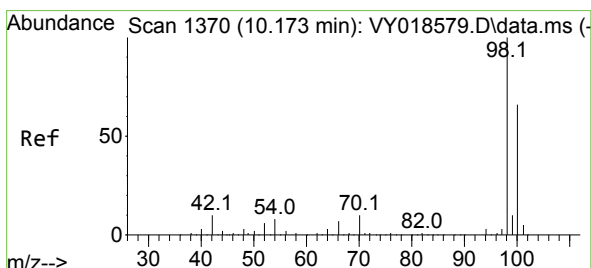
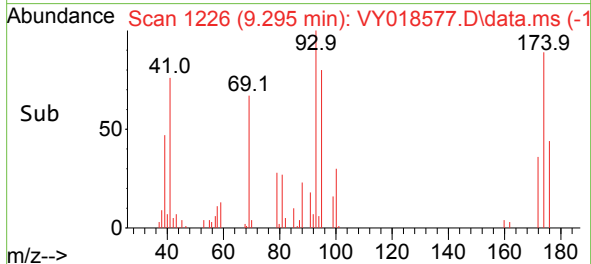
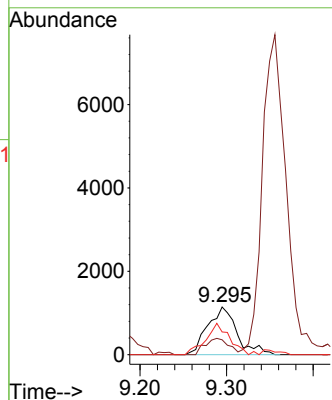
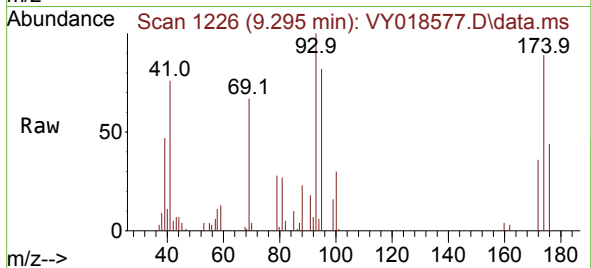
Tgt Ion: 88 Resp: 2685

Ion Ratio Lower Upper

88 100

43 27.6 0.0 0.0#

58 52.8 49.3 73.9



#50

Toluene-d8

Concen: 10.039 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018577.D

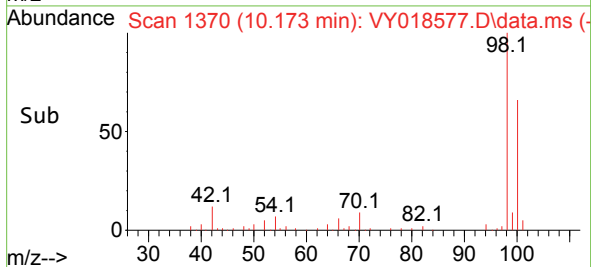
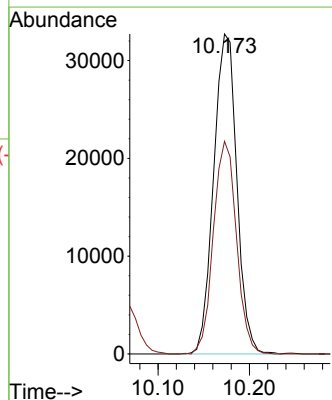
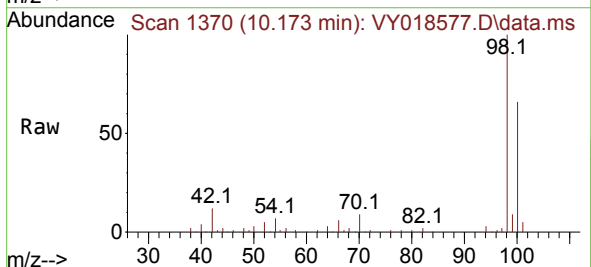
Acq: 13 Jun 2024 16:23

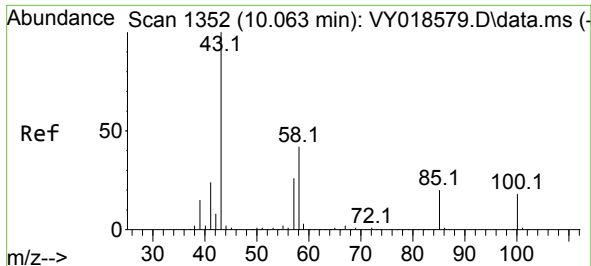
Tgt Ion: 98 Resp: 57790

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0

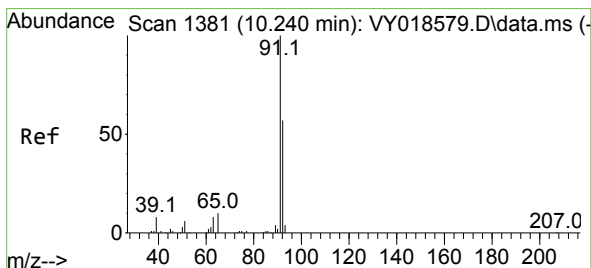
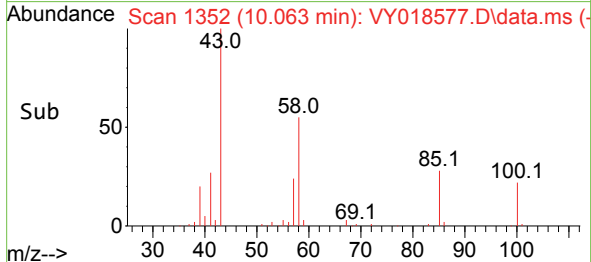
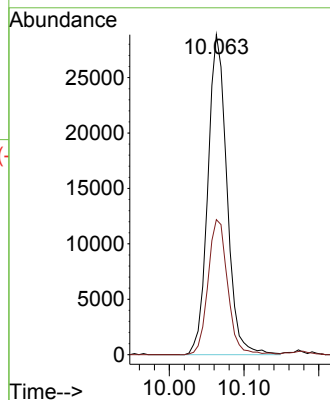
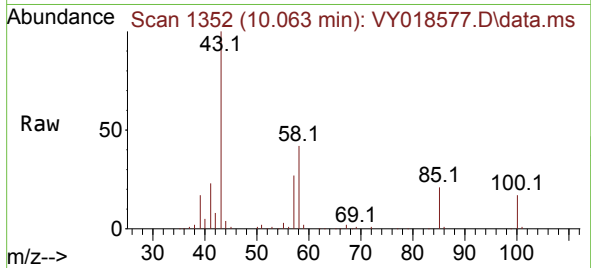




#51
4-Methyl-2-Pentanone
Concen: 53.563 ug/l
RT: 10.063 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

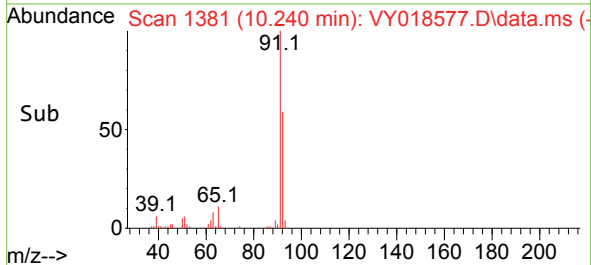
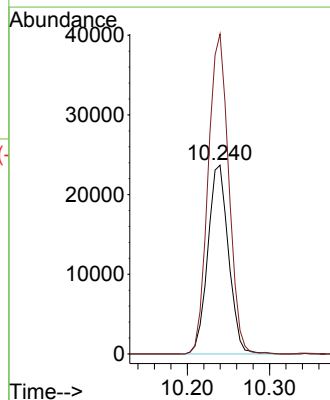
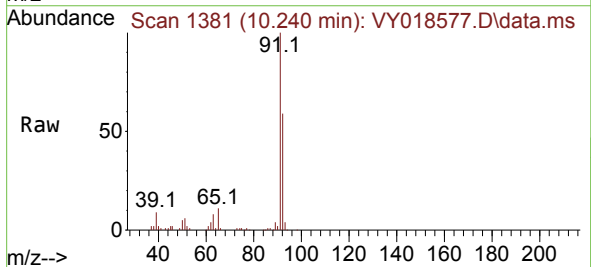
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

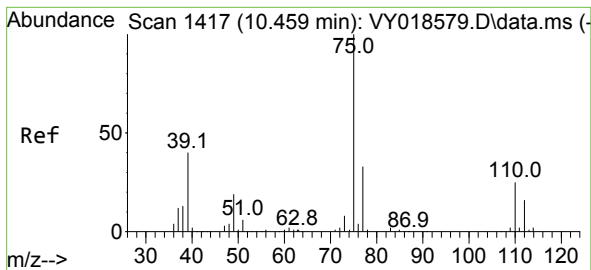
Tgt Ion: 43 Resp: 51148
Ion Ratio Lower Upper
43 100
58 43.4 35.7 53.5



#52
Toluene
Concen: 10.142 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion: 92 Resp: 41493
Ion Ratio Lower Upper
92 100
91 168.2 139.0 208.6

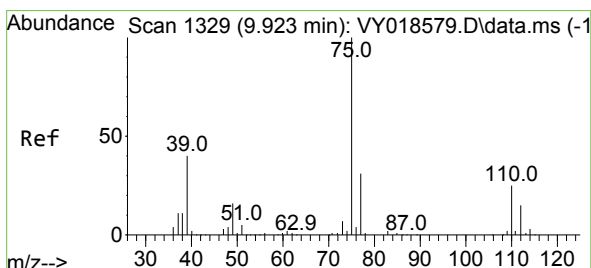
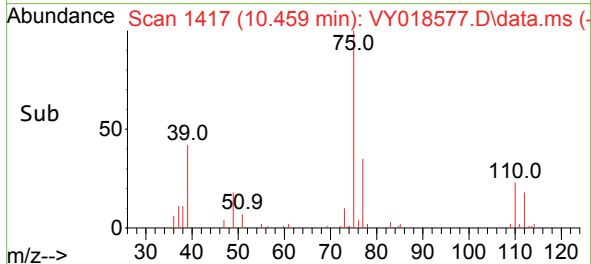
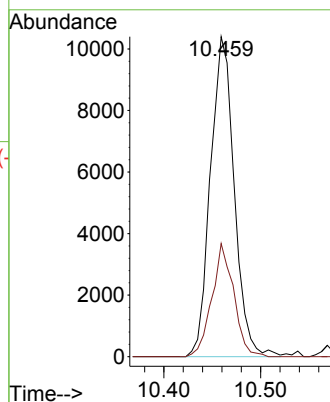
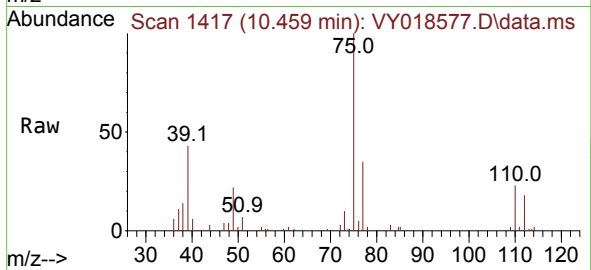




#53
 t-1,3-Dichloropropene
 Concen: 9.429 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018577.D
 Acq: 13 Jun 2024 16:23

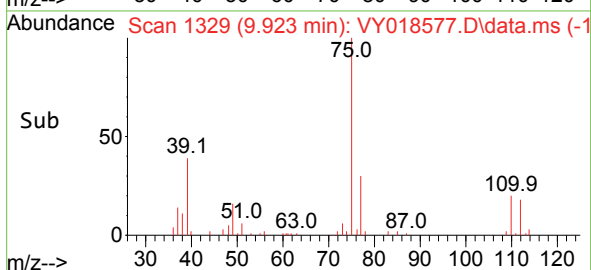
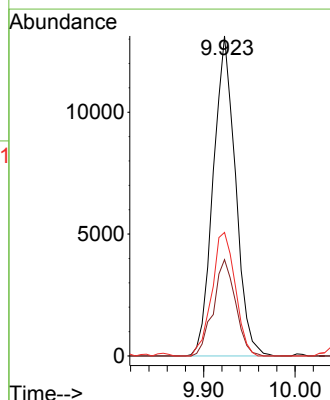
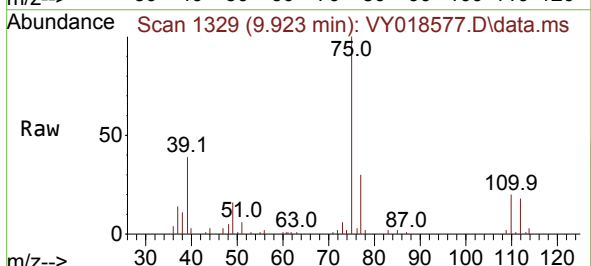
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

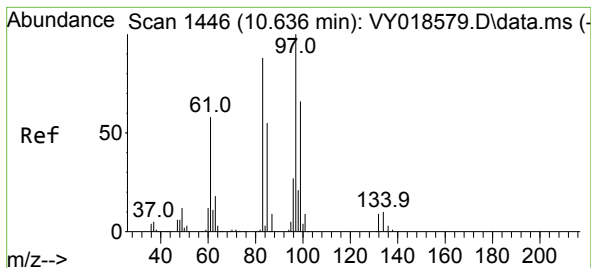
Tgt Ion: 75 Resp: 17780
 Ion Ratio Lower Upper
 75 100
 77 35.3 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 9.764 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY018577.D
 Acq: 13 Jun 2024 16:23

Tgt Ion: 75 Resp: 22219
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.0
 39 38.6 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 9.815 ug/l

RT: 10.642 min Scan# 1446

Delta R.T. 0.006 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 11803

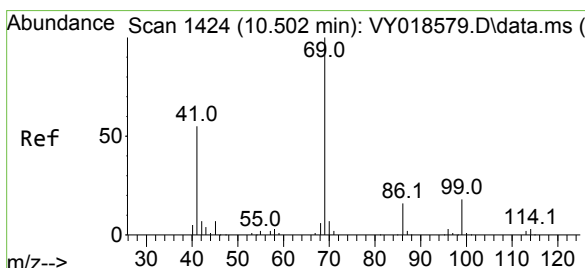
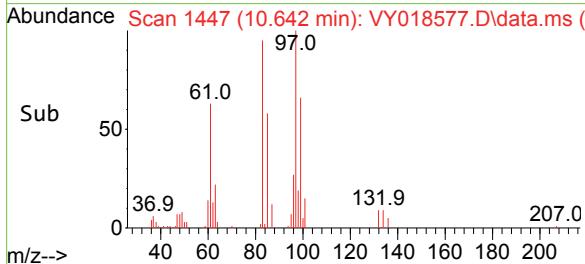
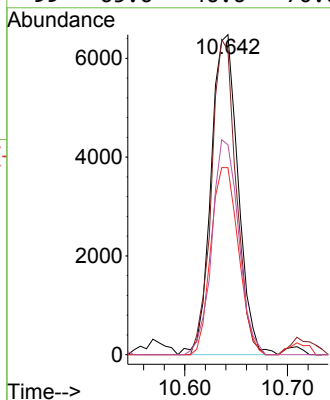
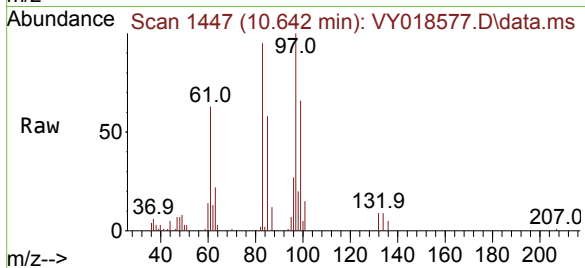
Ion Ratio Lower Upper

97 100

83 95.1 67.5 101.3

85 58.5 42.9 64.3

99 65.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 9.994 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

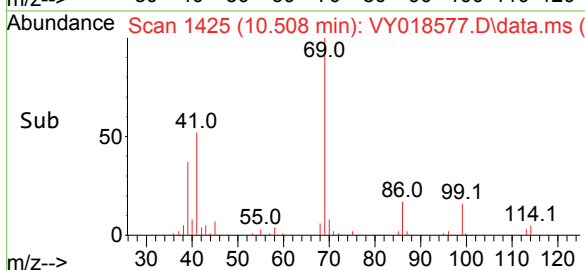
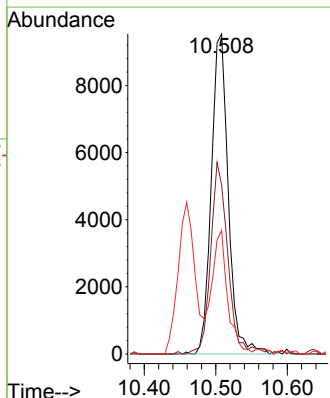
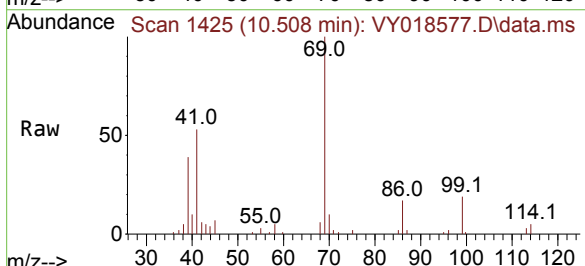
Tgt Ion: 69 Resp: 15726

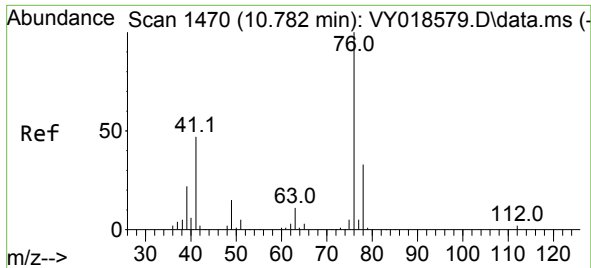
Ion Ratio Lower Upper

69 100

41 60.4 42.3 63.5

39 35.6 22.9 34.3#

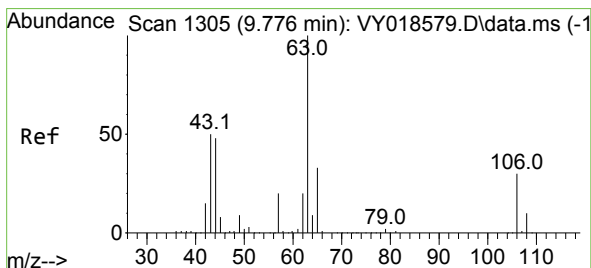
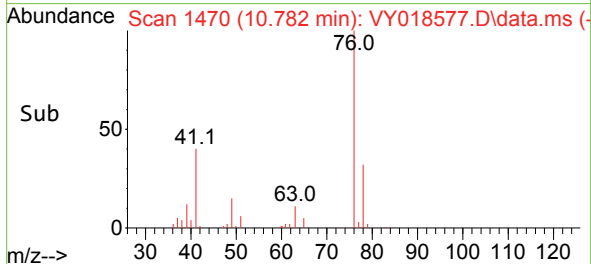
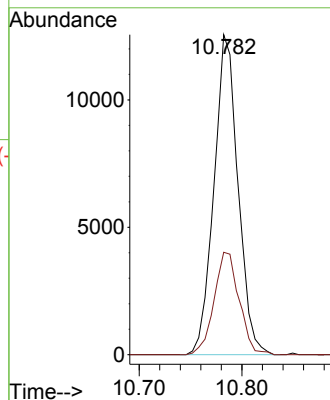
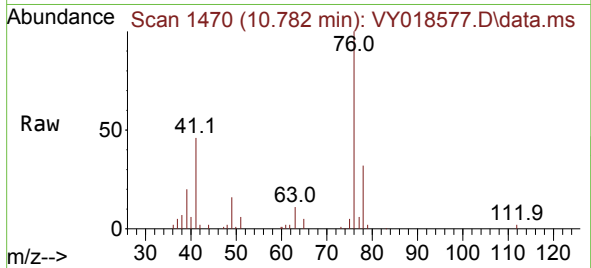




#57
1,3-Dichloropropane
Concen: 10.204 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

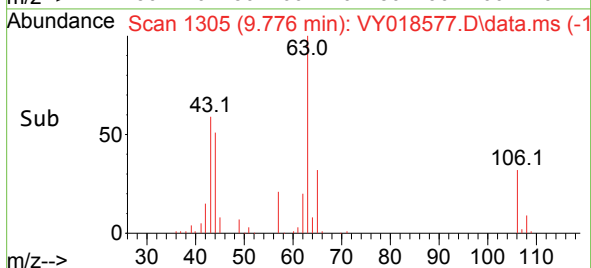
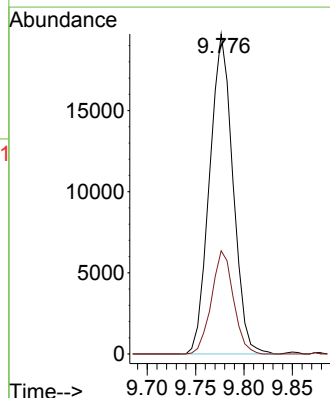
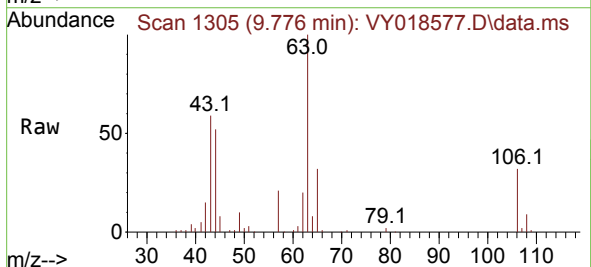
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

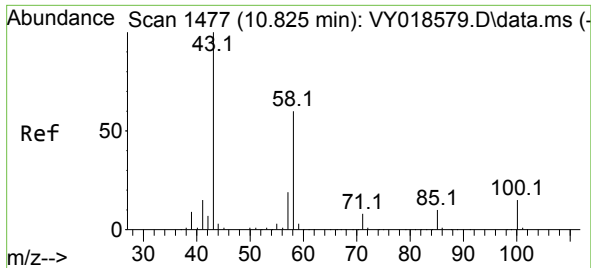
Tgt Ion: 76 Resp: 20382
Ion Ratio Lower Upper
76 100
78 33.4 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 43.525 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion: 63 Resp: 33064
Ion Ratio Lower Upper
63 100
106 30.3 23.7 35.5

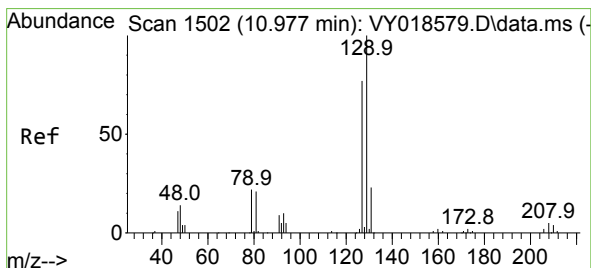
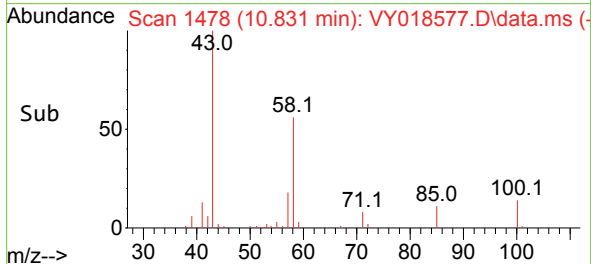
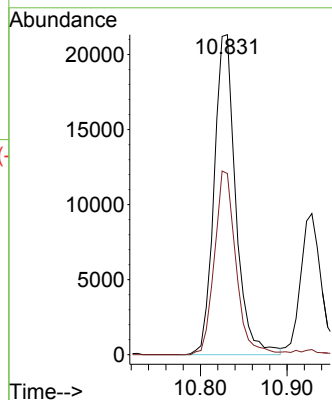
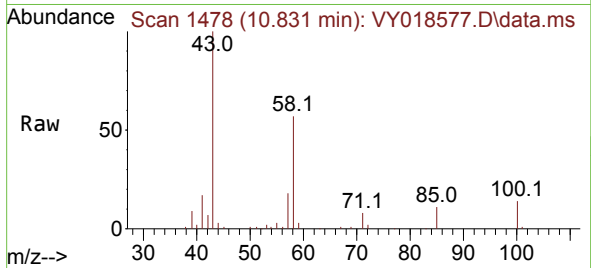




#59
2-Hexanone
Concen: 55.265 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

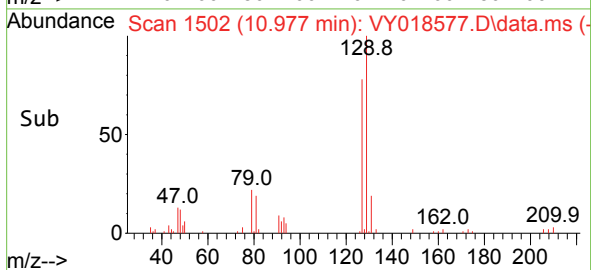
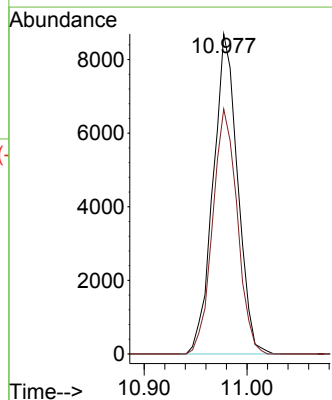
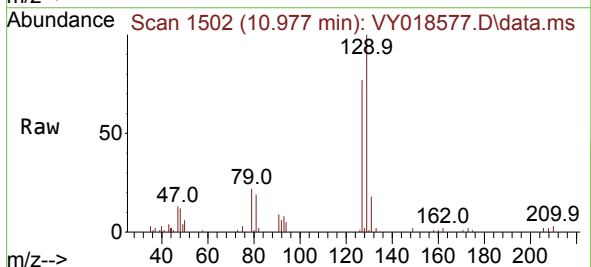
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

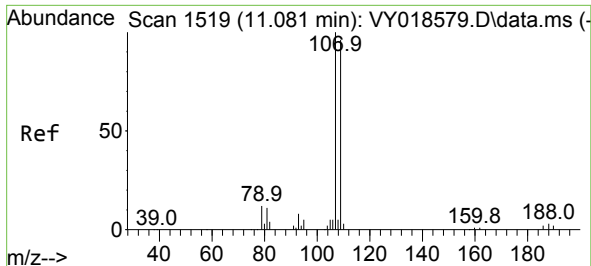
Tgt Ion: 43 Resp: 36966
Ion Ratio Lower Upper
43 100
58 57.1 31.4 94.0



#60
Dibromochloromethane
Concen: 9.626 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion: 129 Resp: 14379
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0

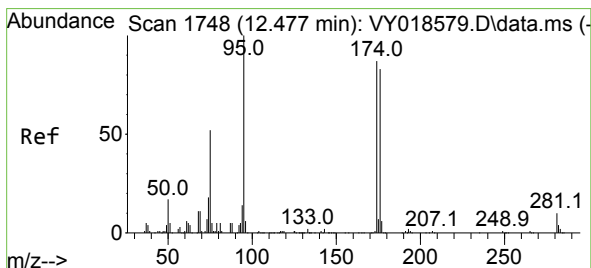
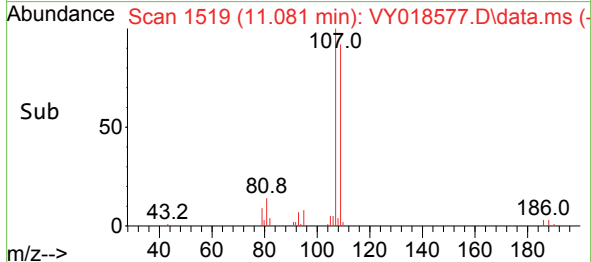
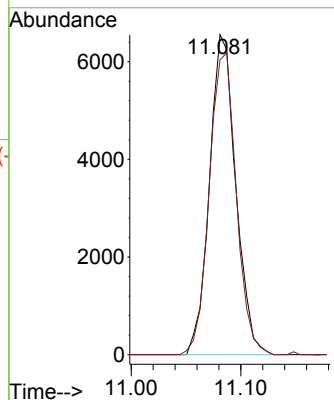
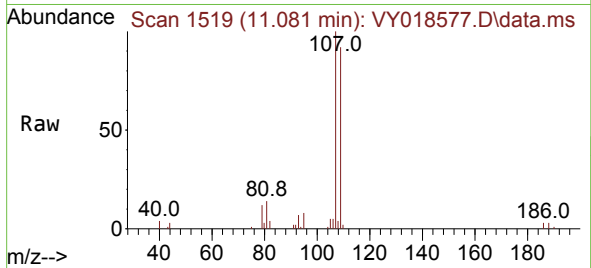




#61
1,2-Dibromoethane
Concen: 9.812 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

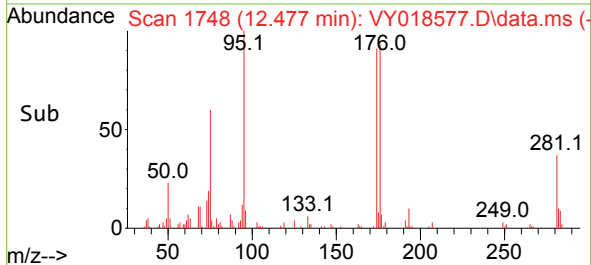
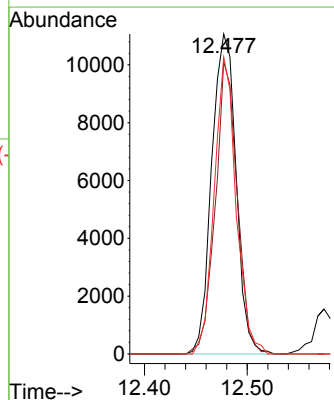
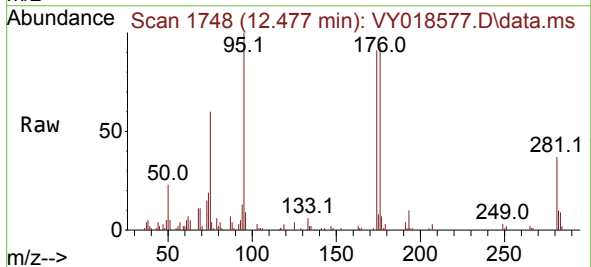
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

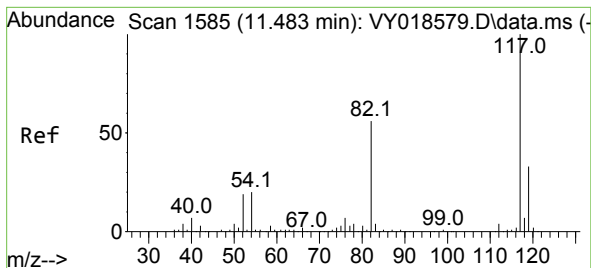
Tgt Ion:107 Resp: 10904
Ion Ratio Lower Upper
107 100
109 96.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 9.997 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion: 95 Resp: 18172
Ion Ratio Lower Upper
95 100
174 82.4 0.0 175.6
176 83.5 0.0 171.4

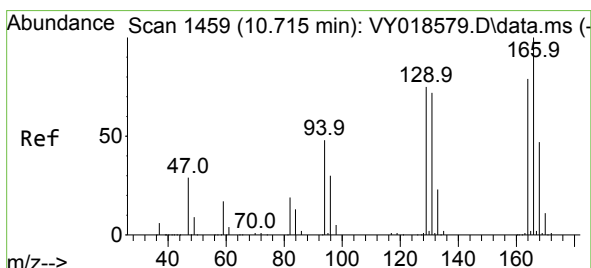
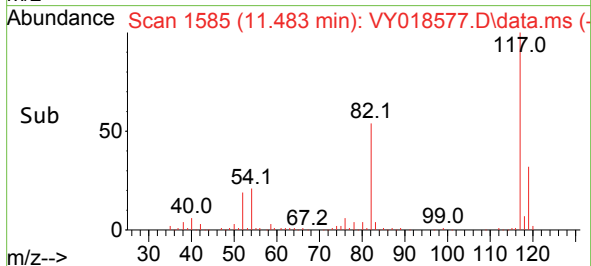
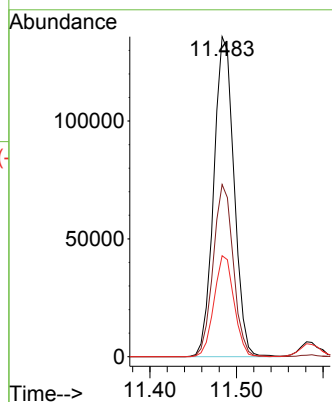
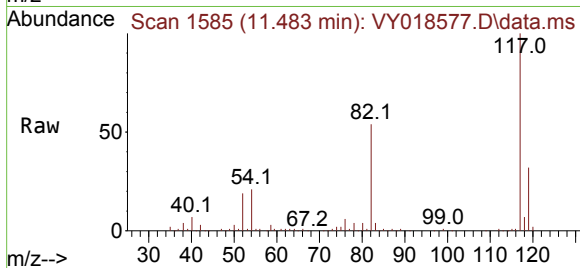




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

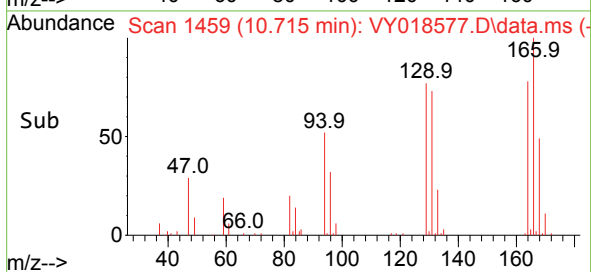
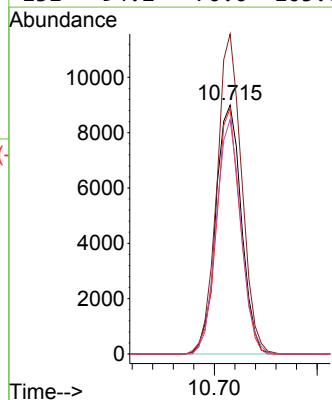
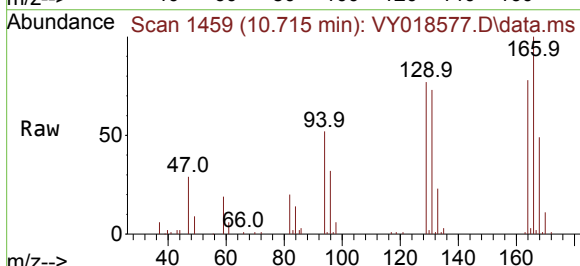
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

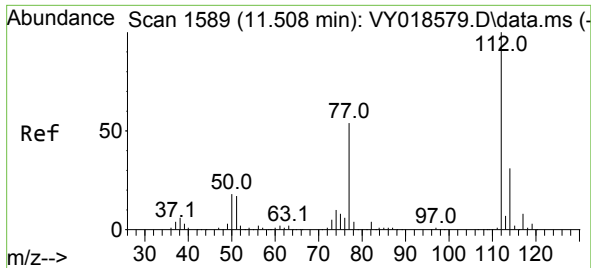
Tgt Ion:117 Resp: 220788
Ion Ratio Lower Upper
117 100
82 53.8 42.4 63.6
119 31.6 25.9 38.9



#64
Tetrachloroethene
Concen: 9.807 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion:164 Resp: 15443
Ion Ratio Lower Upper
164 100
166 128.6 102.6 154.0
129 98.7 72.0 108.0
131 94.2 70.0 105.0

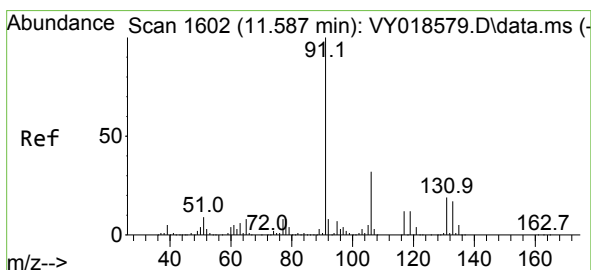
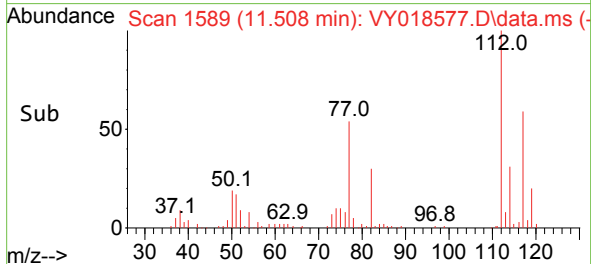
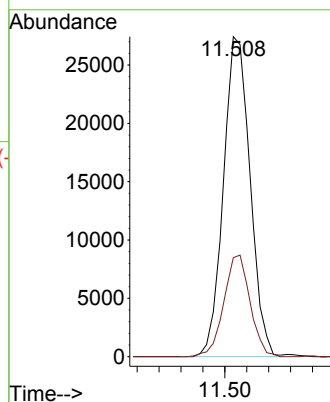
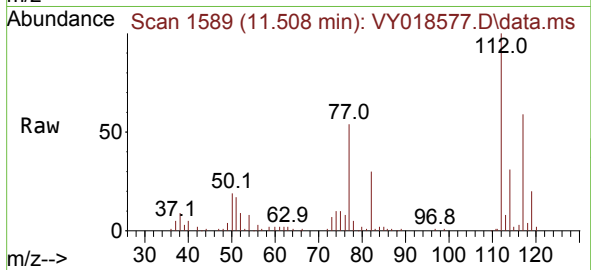




#65
Chlorobenzene
Concen: 10.150 ug/l
RT: 11.508 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

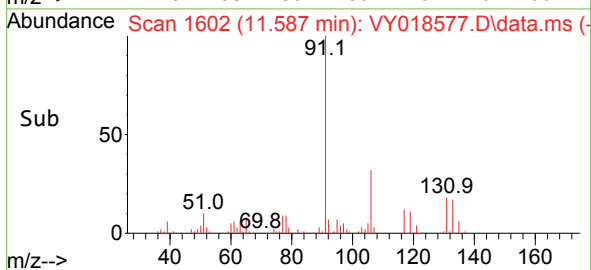
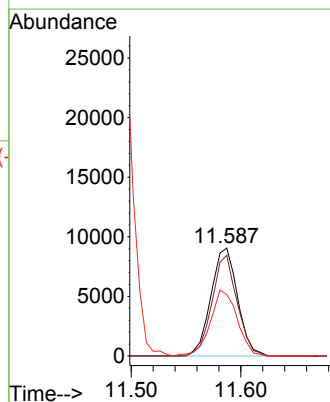
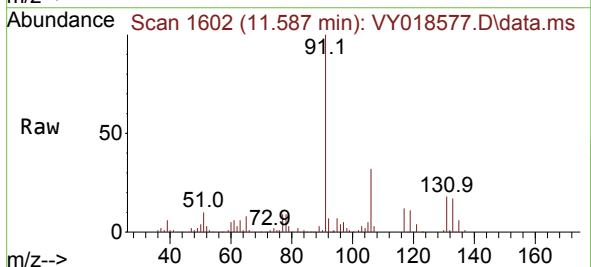
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

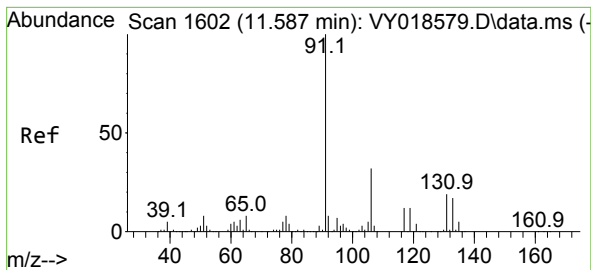
Tgt Ion:112 Resp: 46295
Ion Ratio Lower Upper
112 100
114 30.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 9.993 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion:131 Resp: 15274
Ion Ratio Lower Upper
131 100
133 88.2 47.8 143.3
119 61.6 34.1 102.2





#67

Ethyl Benzene

Concen: 9.807 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

Instrument :

MSVOA_Y

ClientSampleId :

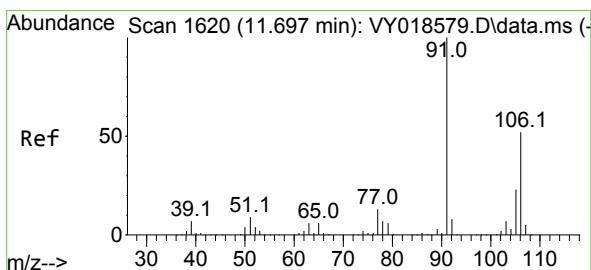
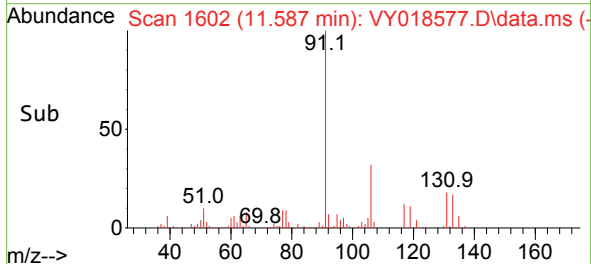
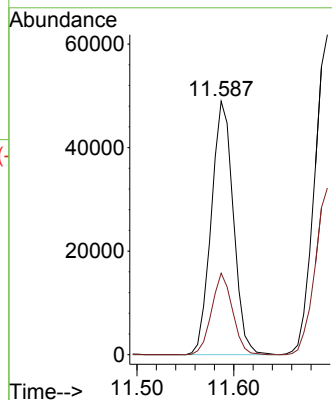
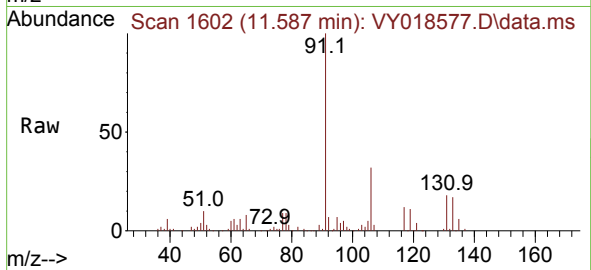
VSTDIC010

Tgt Ion: 91 Resp: 77610

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 19.401 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY018577.D

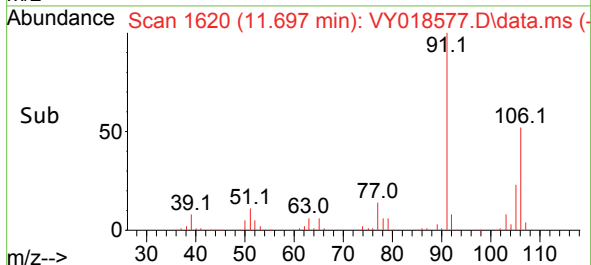
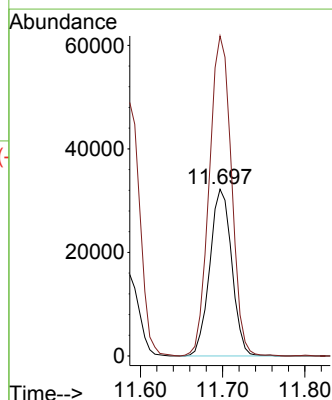
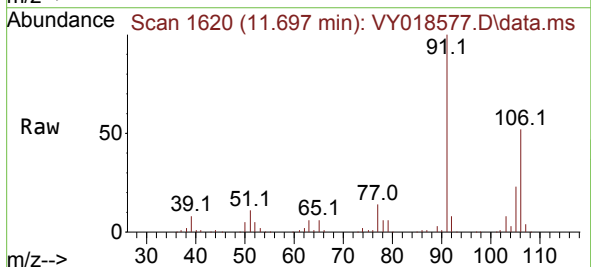
Acq: 13 Jun 2024 16:23

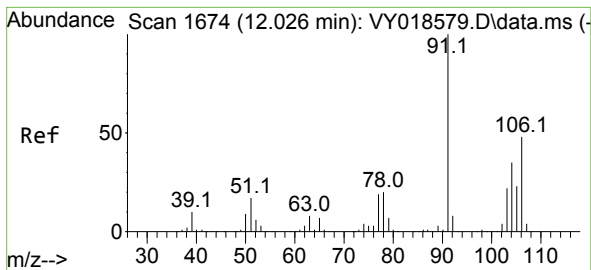
Tgt Ion:106 Resp: 59744

Ion Ratio Lower Upper

106 100

91 194.1 156.0 234.0





#69

o-Xylene

Concen: 9.705 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

Instrument :

MSVOA_Y

ClientSampleId :

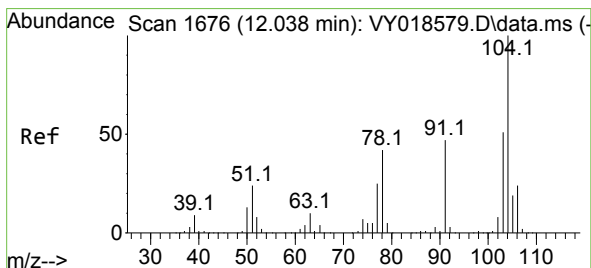
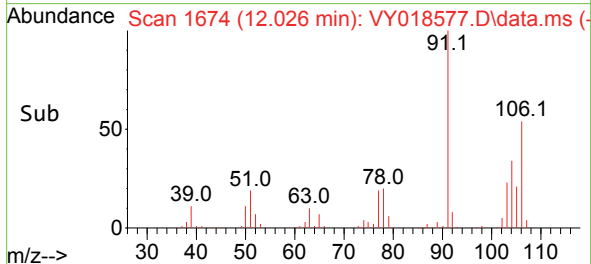
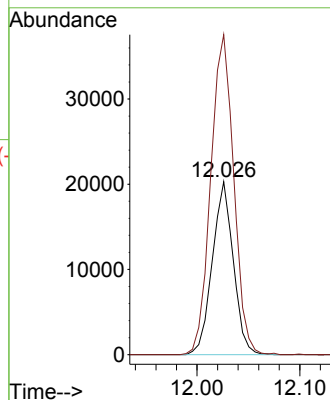
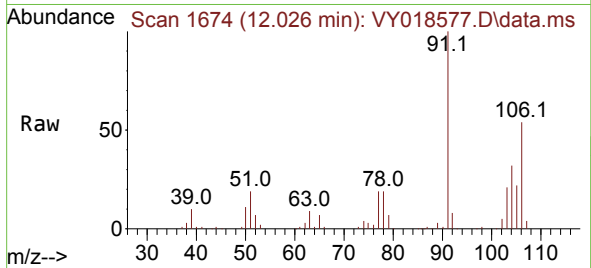
VSTDIC010

Tgt Ion:106 Resp: 28740

Ion Ratio Lower Upper

106 100

91 202.8 103.6 310.8



#70

Styrene

Concen: 9.766 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

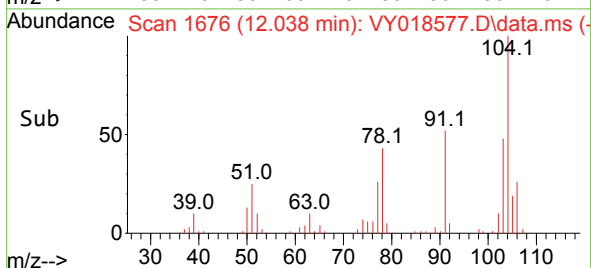
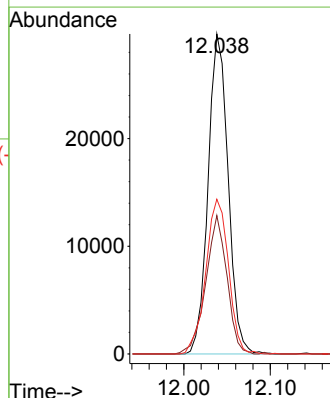
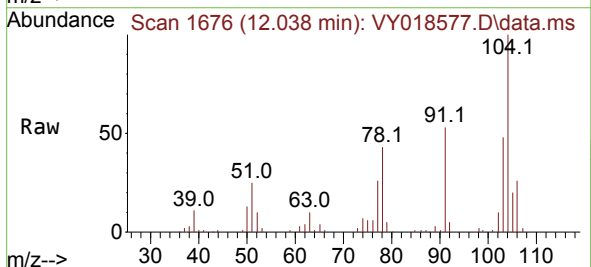
Tgt Ion:104 Resp: 47777

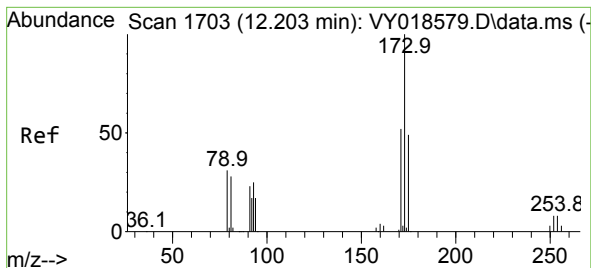
Ion Ratio Lower Upper

104 100

78 45.7 37.0 55.4

103 54.7 44.2 66.2





#71

Bromoform

Concen: 9.658 ug/l

RT: 12.203 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

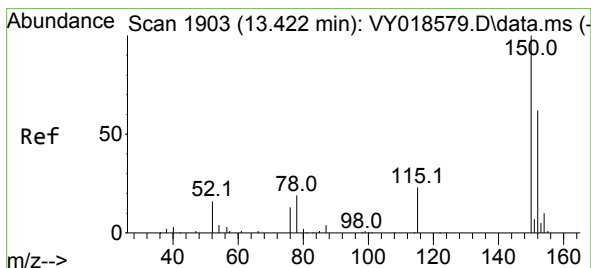
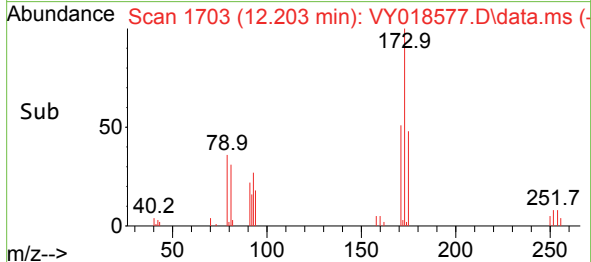
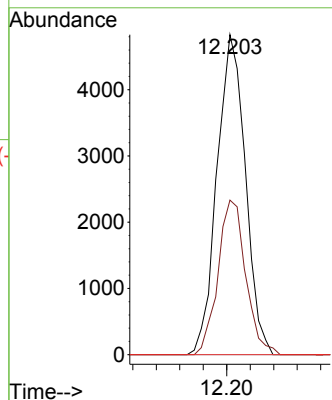
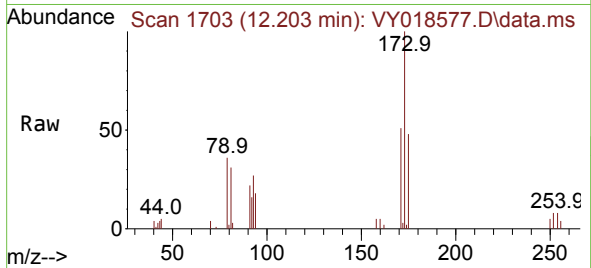
Tgt Ion:173 Resp: 8100

Ion Ratio Lower Upper

173 100

175 47.2 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

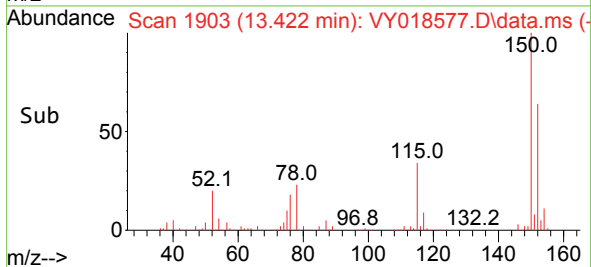
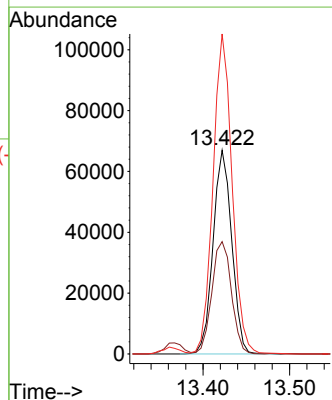
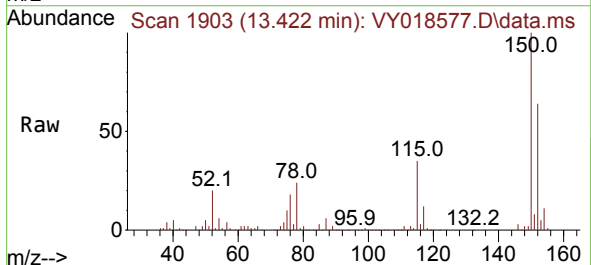
Tgt Ion:152 Resp: 100304

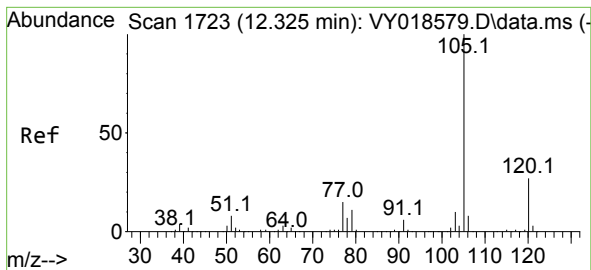
Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 160.5 0.0 345.6





#73

Isopropylbenzene

Concen: 10.080 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

Instrument :

MSVOA_Y

ClientSampleId :

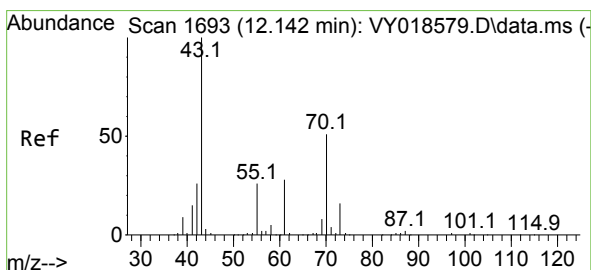
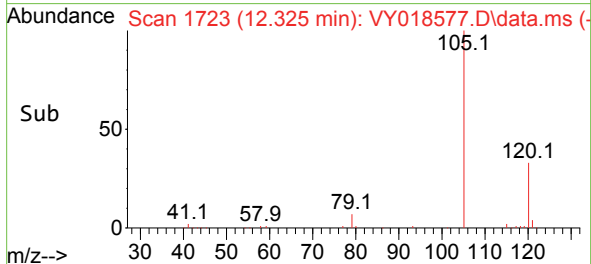
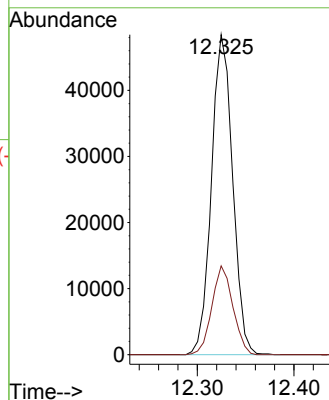
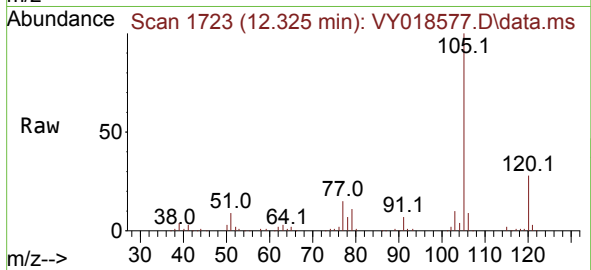
VSTDIC010

Tgt Ion:105 Resp: 73831

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.1



#74

N-ethyl acetate

Concen: 10.748 ug/l

RT: 12.136 min Scan# 1692

Delta R.T. -0.006 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

Tgt Ion: 43 Resp: 16121

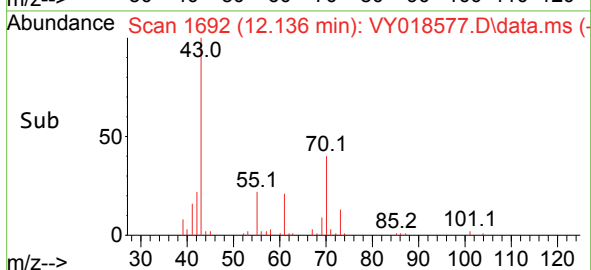
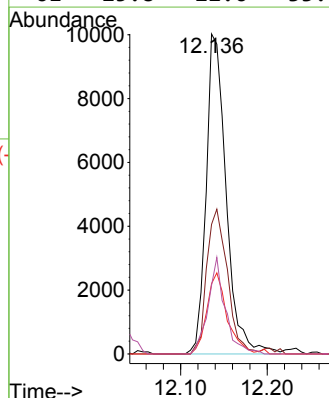
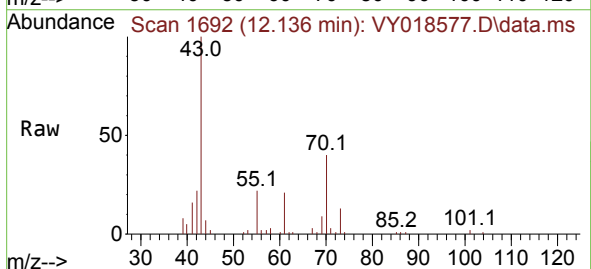
Ion Ratio Lower Upper

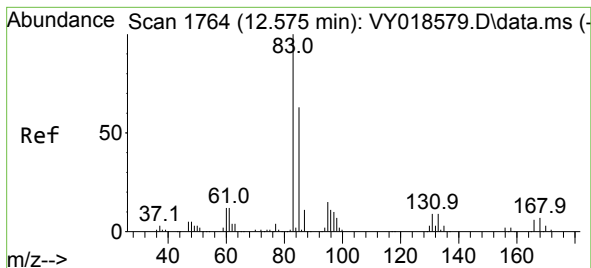
43 100

70 46.8 41.4 62.2

55 26.1 23.3 34.9

61 25.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 11.218 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

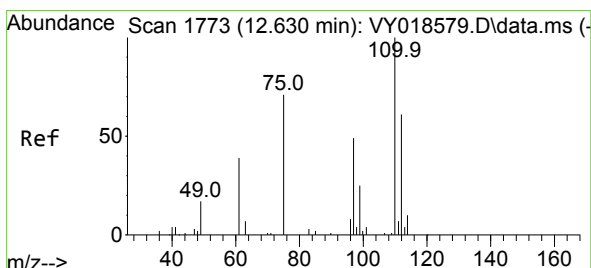
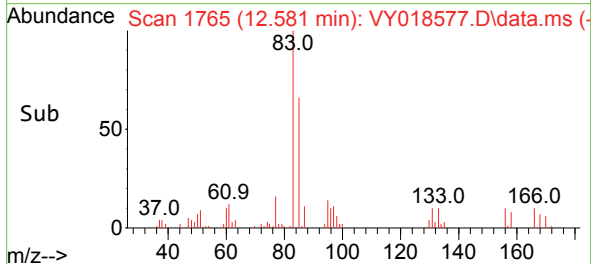
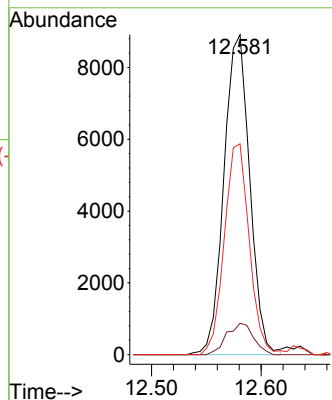
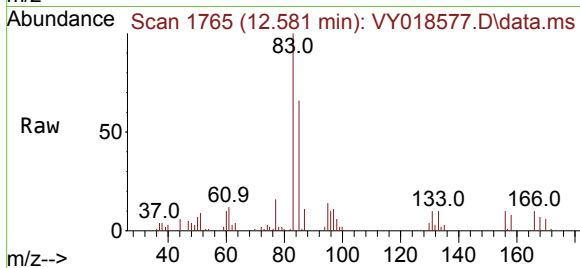
Tgt Ion: 83 Resp: 14590

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 64.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 17.518 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY018577.D

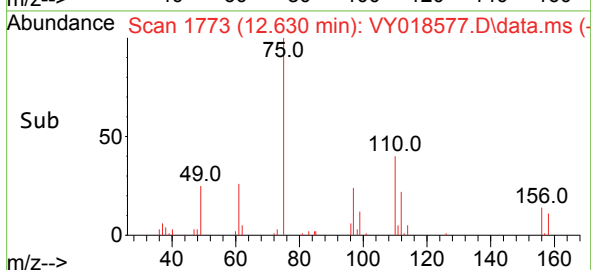
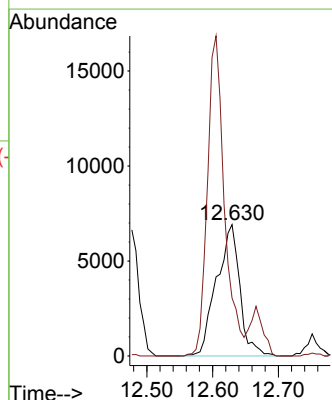
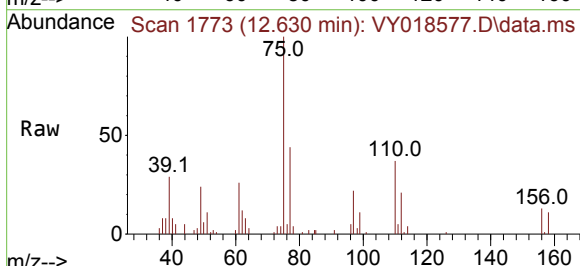
Acq: 13 Jun 2024 16:23

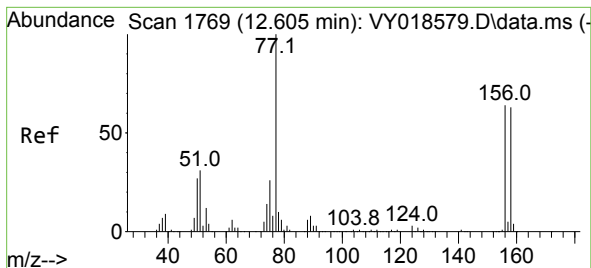
Tgt Ion: 75 Resp: 17018

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.015 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

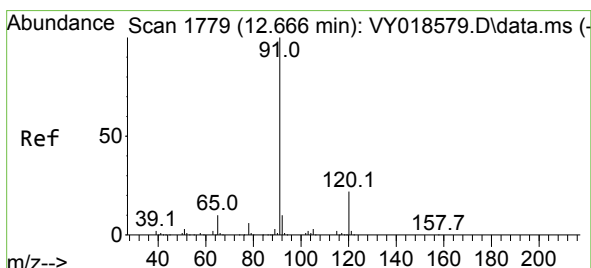
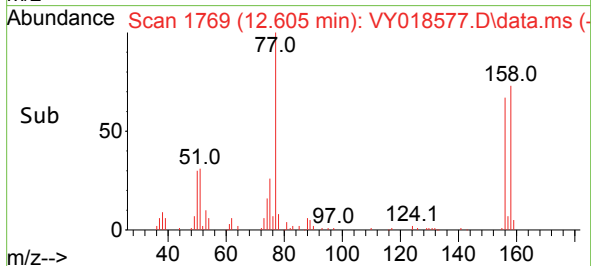
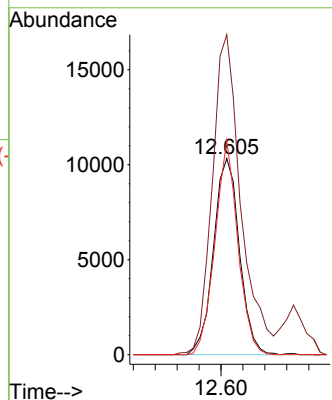
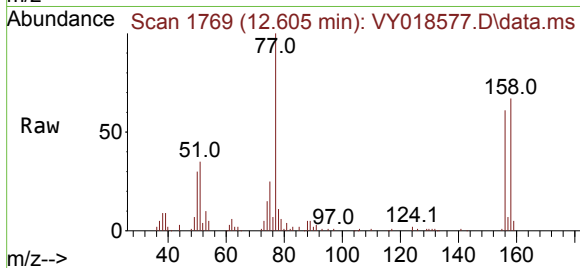
Tgt Ion:156 Resp: 16965

Ion Ratio Lower Upper

156 100

77 180.0 87.1 261.3

158 96.1 48.6 145.9



#78

n-propylbenzene

Concen: 10.318 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018577.D

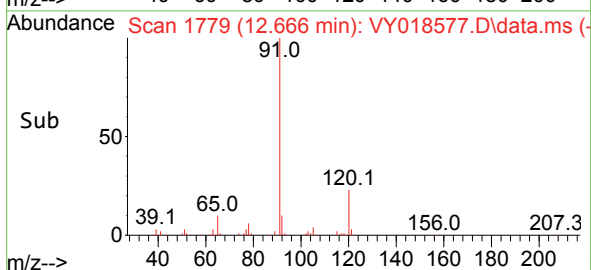
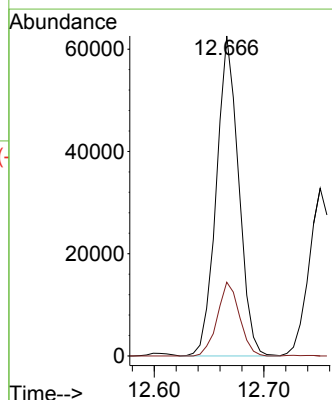
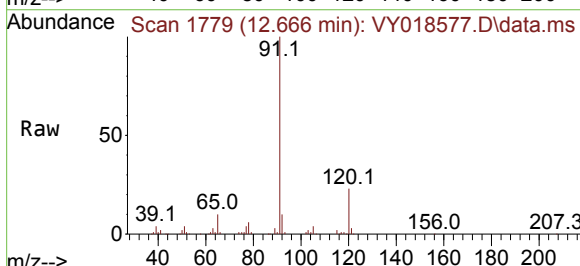
Acq: 13 Jun 2024 16:23

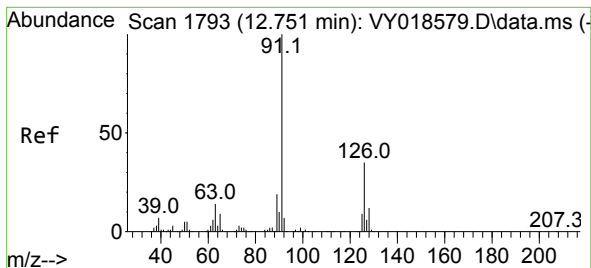
Tgt Ion: 91 Resp: 88446

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 10.356 ug/l

RT: 12.751 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

Instrument :

MSVOA_Y

ClientSampleId :

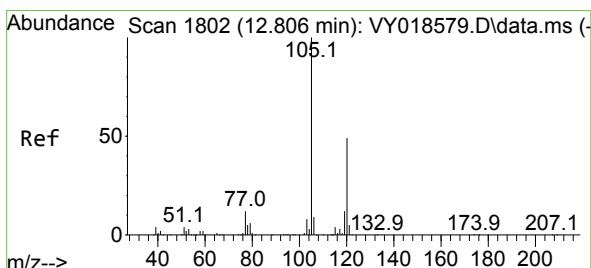
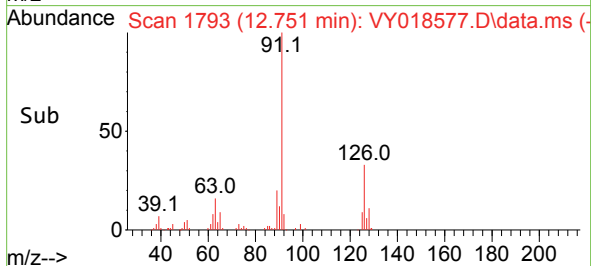
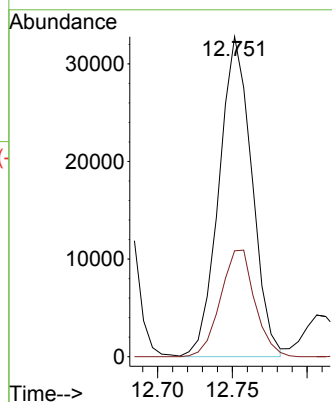
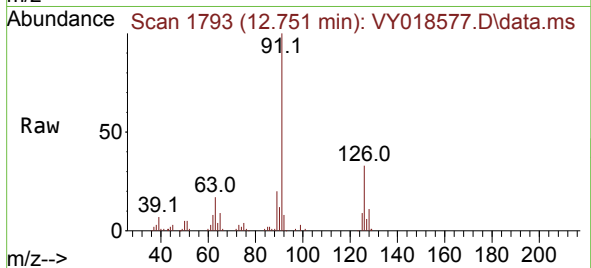
VSTDIC010

Tgt Ion: 91 Resp: 50112

Ion Ratio Lower Upper

91 100

126 34.8 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 10.118 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VY018577.D

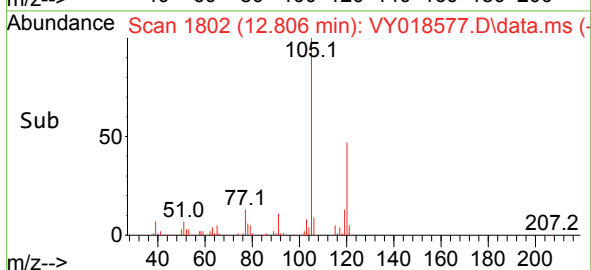
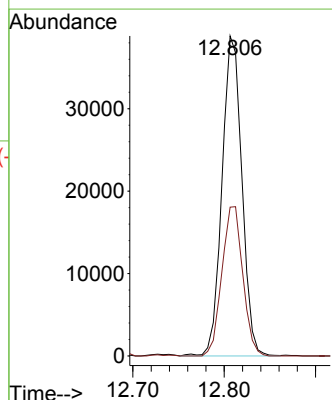
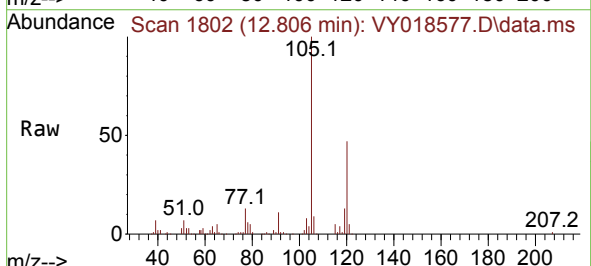
Acq: 13 Jun 2024 16:23

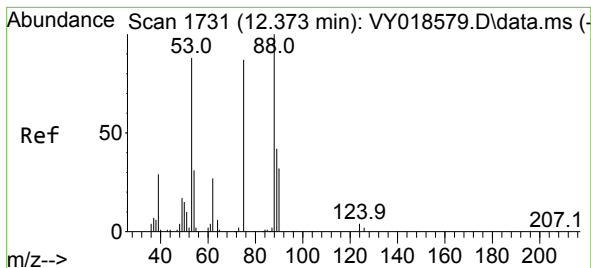
Tgt Ion: 105 Resp: 58733

Ion Ratio Lower Upper

105 100

120 49.0 25.1 75.2

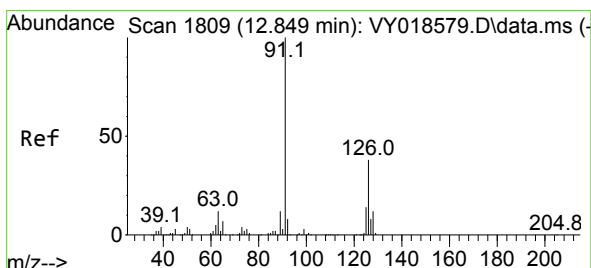
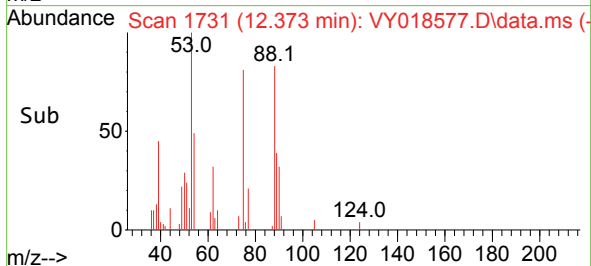
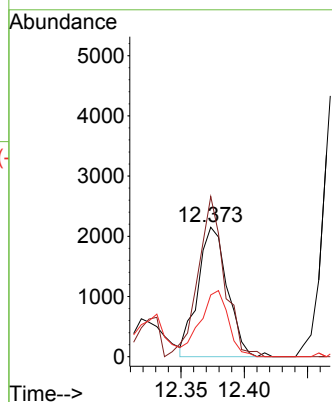
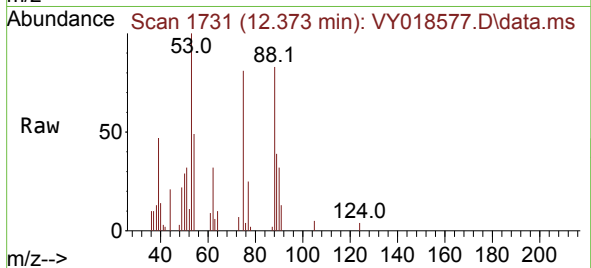




#81
trans-1,4-Dichloro-2-butene
Concen: 9.774 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

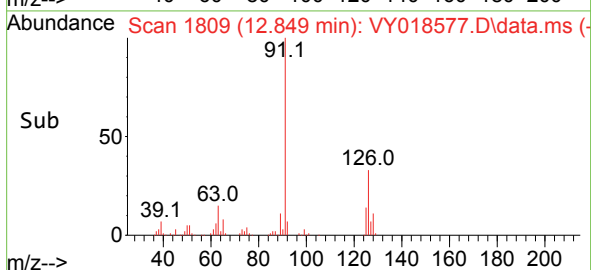
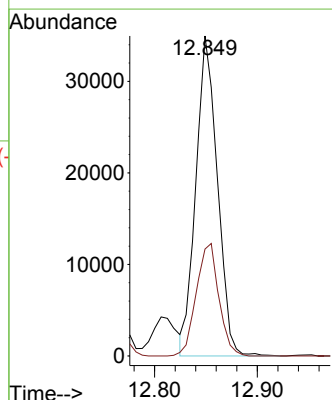
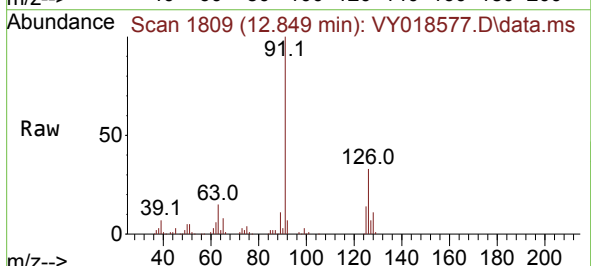
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

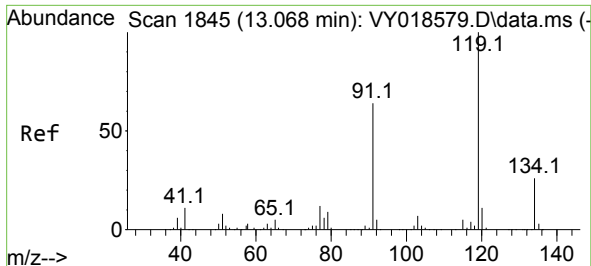
Tgt Ion: 75 Resp: 3511
Ion Ratio Lower Upper
75 100
53 108.9 66.8 100.2#
89 48.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 10.455 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion: 91 Resp: 50942
Ion Ratio Lower Upper
91 100
126 36.9 17.6 52.9

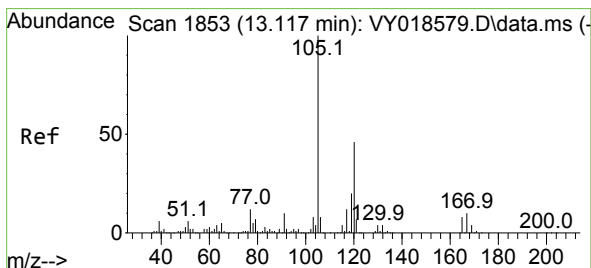
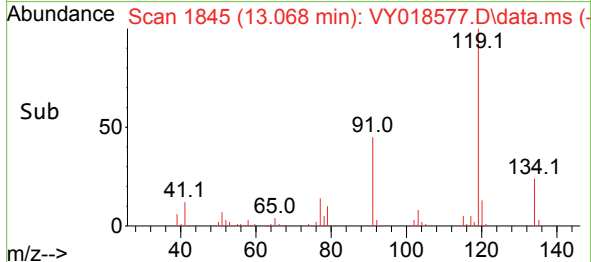
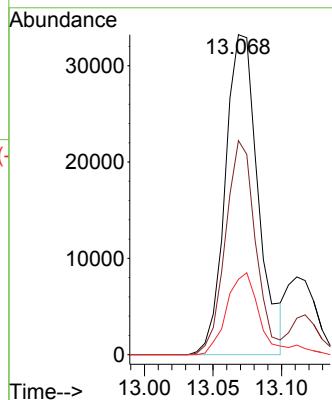
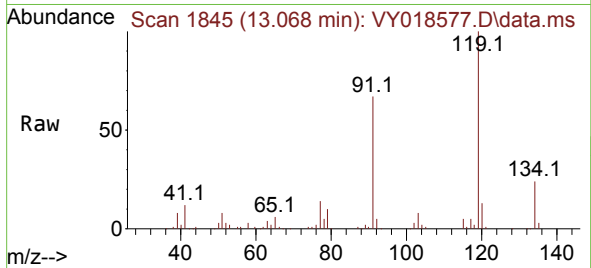




#83
tert-Butylbenzene
Concen: 10.325 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

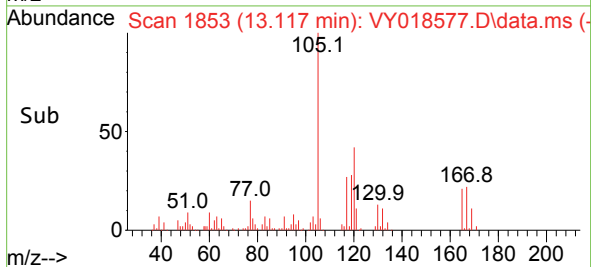
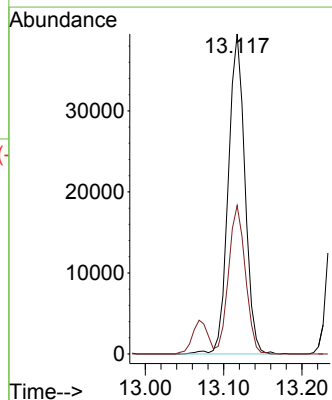
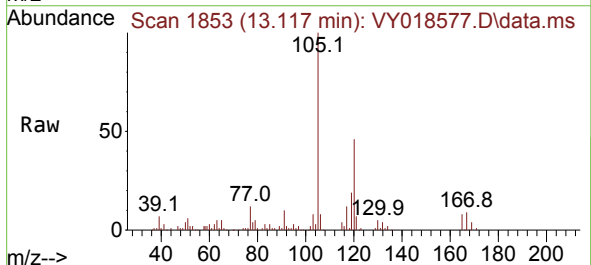
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

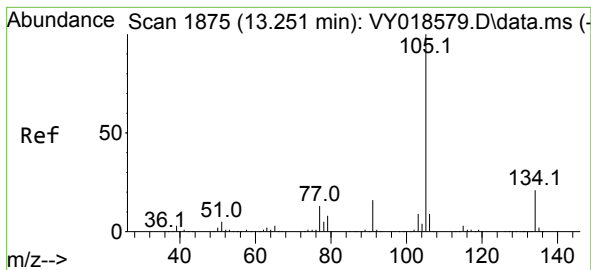
Tgt Ion:119 Resp: 55470
Ion Ratio Lower Upper
119 100
91 61.5 31.3 93.8
134 26.6 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 10.035 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion:105 Resp: 58221
Ion Ratio Lower Upper
105 100
120 47.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 10.225 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

Instrument :

MSVOA_Y

ClientSampleId :

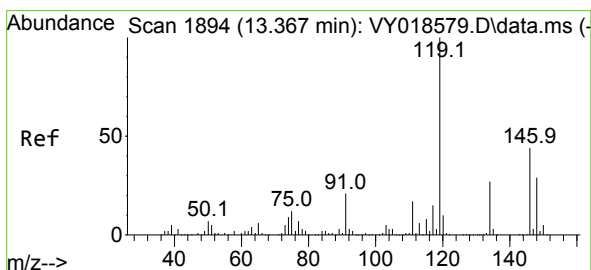
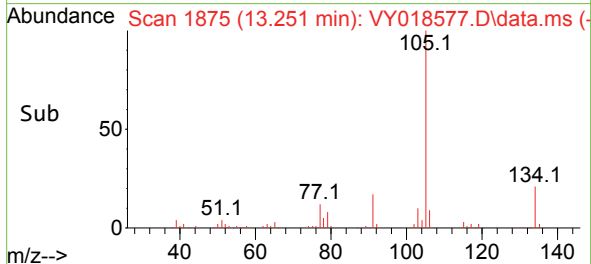
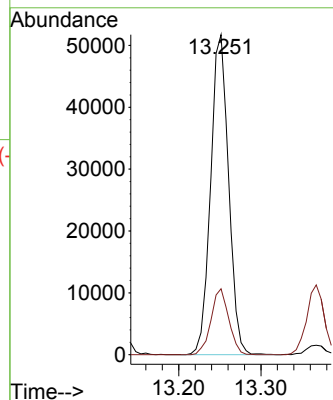
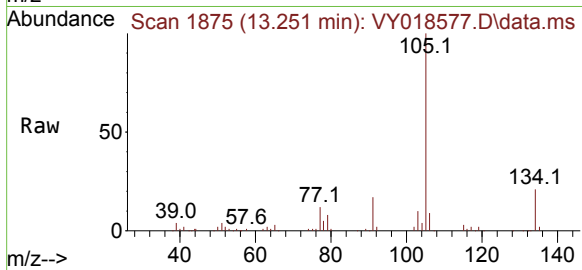
VSTDIC010

Tgt Ion:105 Resp: 78351

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 9.806 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

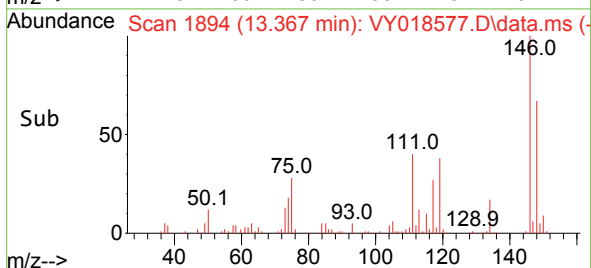
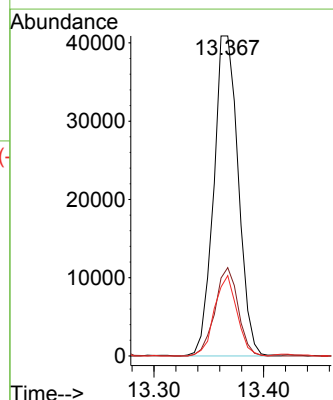
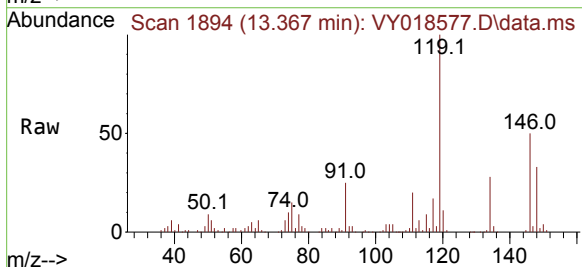
Tgt Ion:119 Resp: 63700

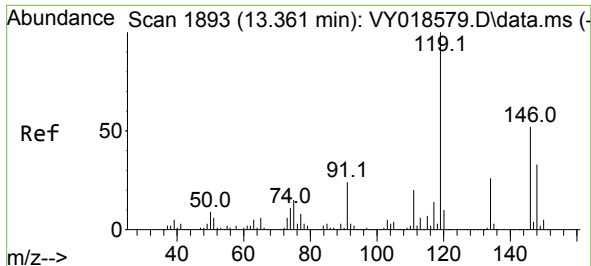
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

91 23.1 10.7 32.1

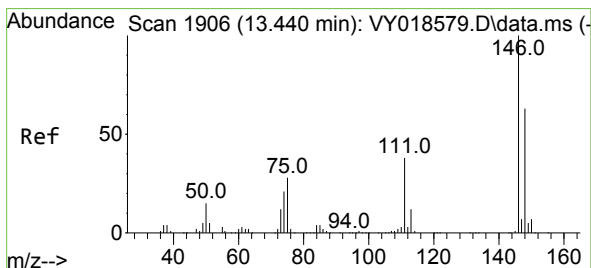
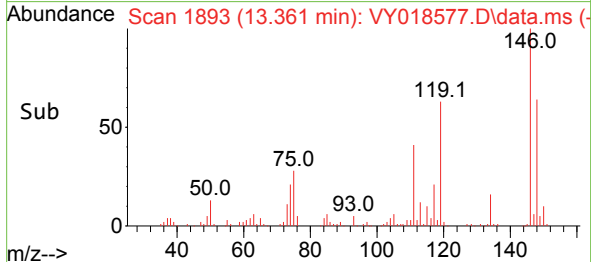
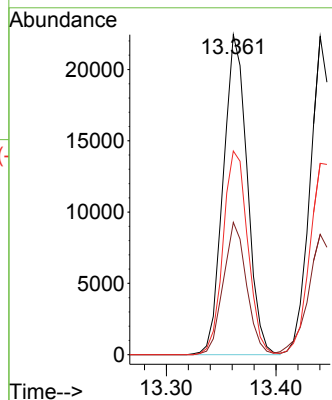
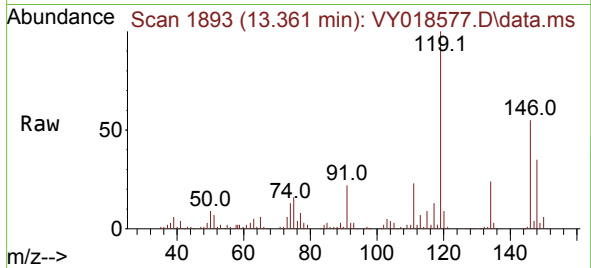




#87
 1,3-Dichlorobenzene
 Concen: 9.983 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY018577.D
 Acq: 13 Jun 2024 16:23

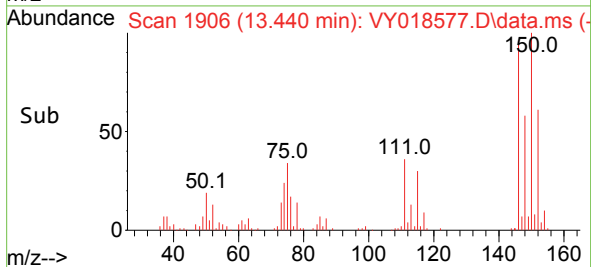
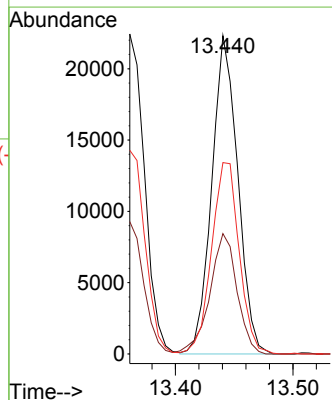
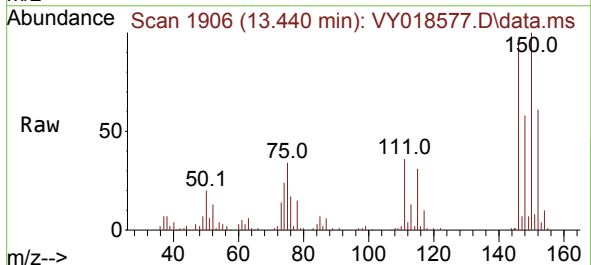
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

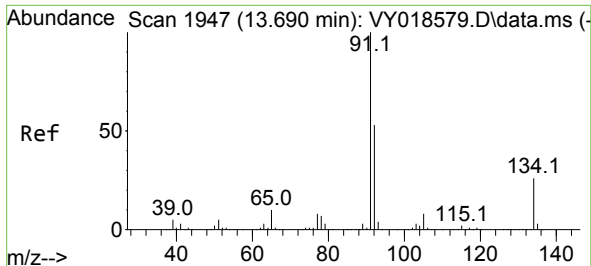
Tgt Ion:146 Resp: 34109
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.0 57.0
 148 65.4 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 10.240 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY018577.D
 Acq: 13 Jun 2024 16:23

Tgt Ion:146 Resp: 34330
 Ion Ratio Lower Upper
 146 100
 111 39.6 18.4 55.4
 148 64.1 32.4 97.2

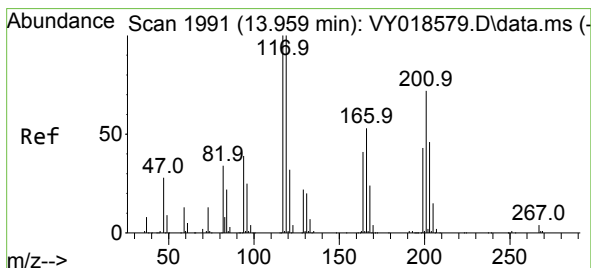
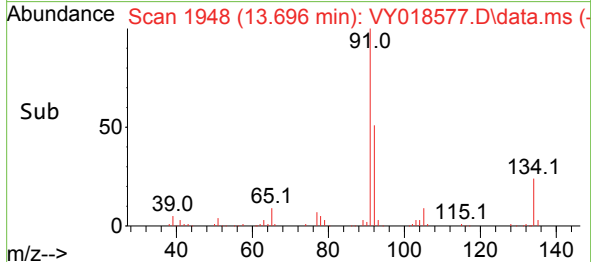
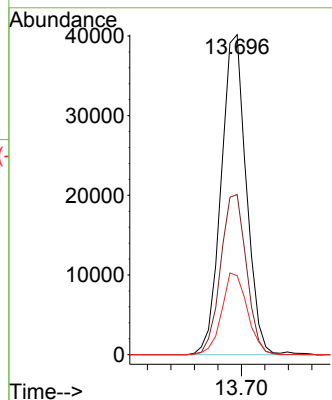
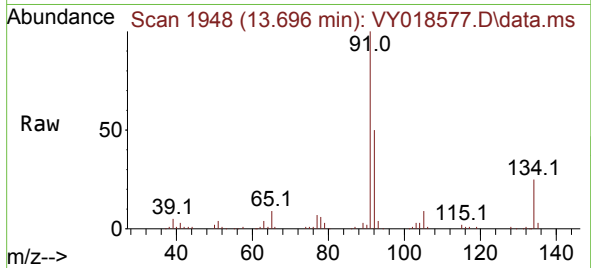




#89
n-Butylbenzene
Concen: 10.158 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

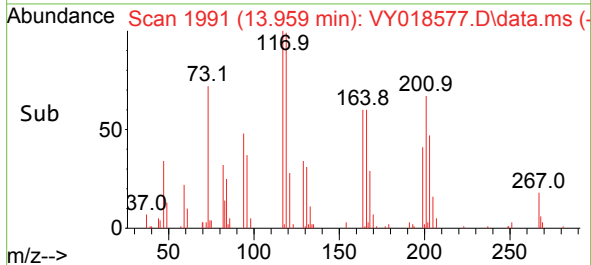
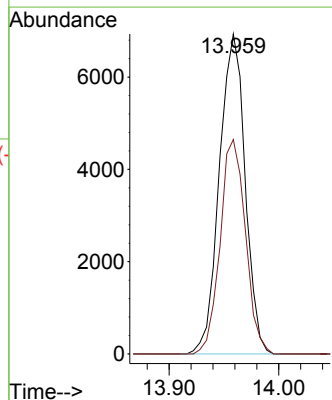
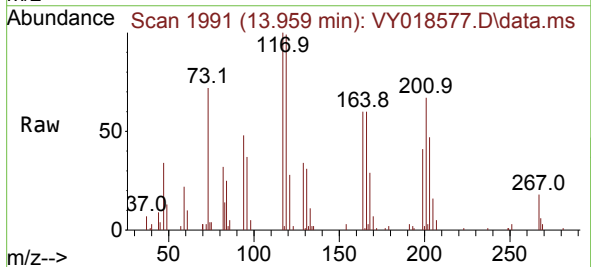
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

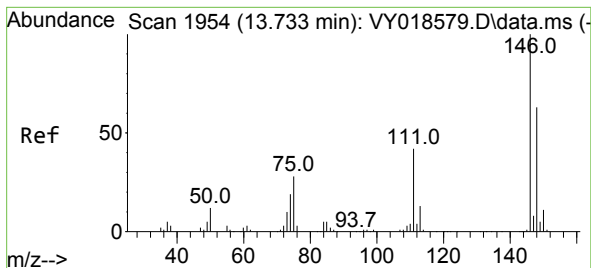
Tgt Ion: 91 Resp: 59481
Ion Ratio Lower Upper
91 100
92 51.5 26.6 79.7
134 26.2 12.9 38.7



#90
Hexachloroethane
Concen: 9.591 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY018577.D
Acq: 13 Jun 2024 16:23

Tgt Ion: 117 Resp: 11318
Ion Ratio Lower Upper
117 100
201 65.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 9.786 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

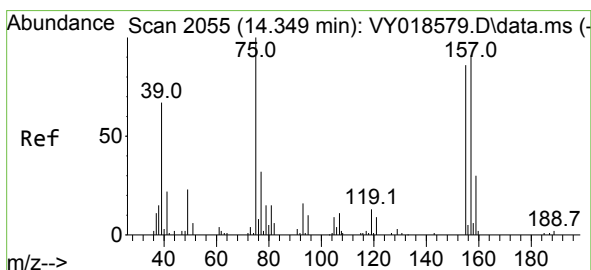
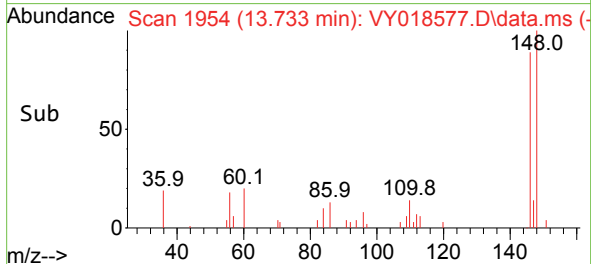
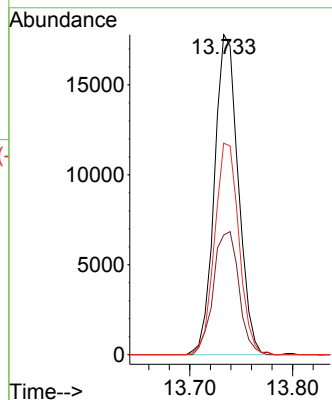
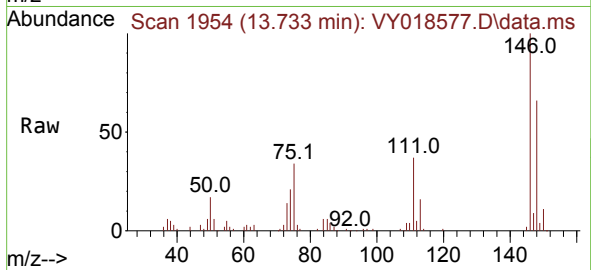
Tgt Ion:146 Resp: 28561

Ion Ratio Lower Upper

146 100

111 41.3 19.9 59.7

148 67.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 11.061 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.006 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

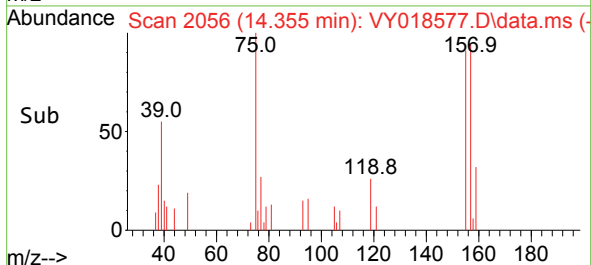
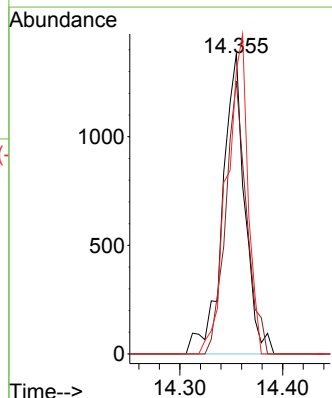
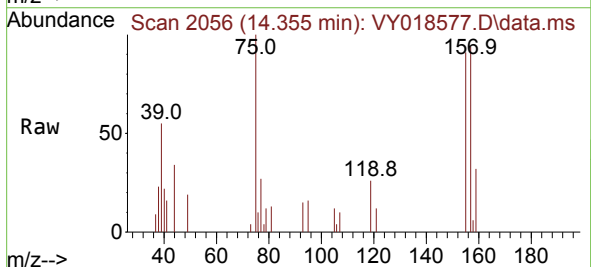
Tgt Ion: 75 Resp: 2083

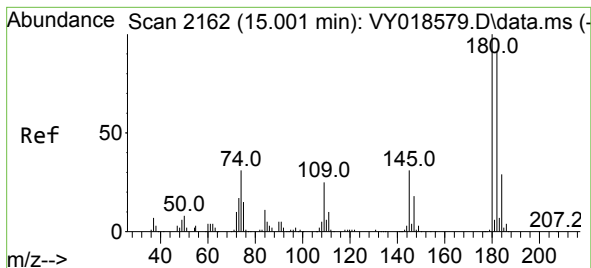
Ion Ratio Lower Upper

75 100

155 85.4 48.6 145.8

157 99.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 9.756 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

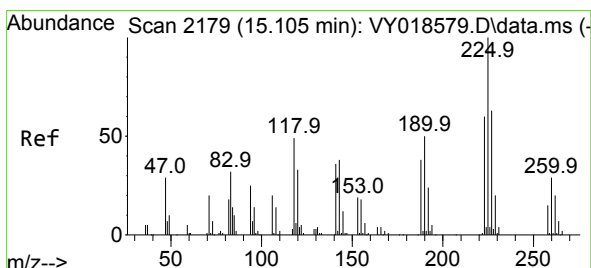
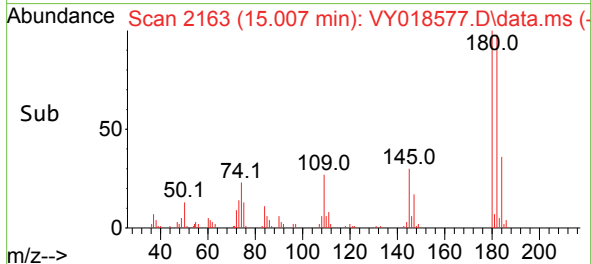
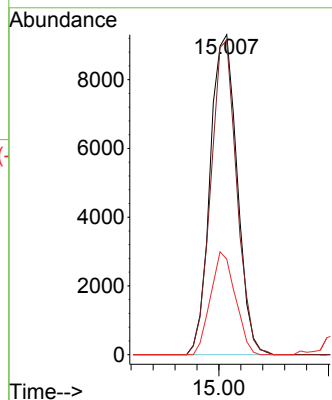
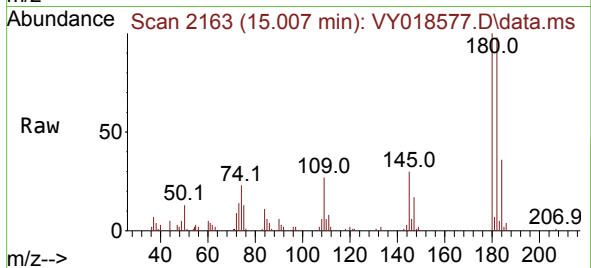
Tgt Ion:180 Resp: 15863

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.8

145 29.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 10.011 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

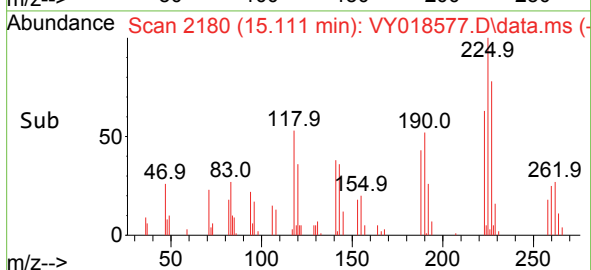
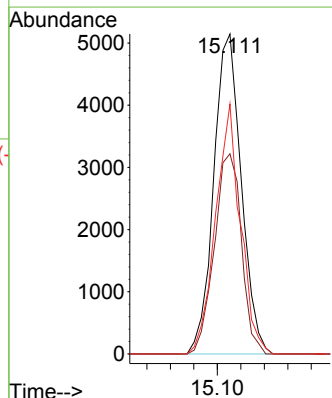
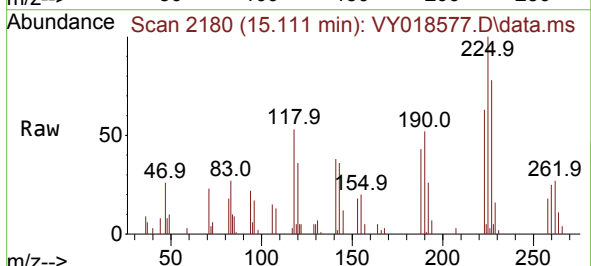
Tgt Ion:225 Resp: 8364

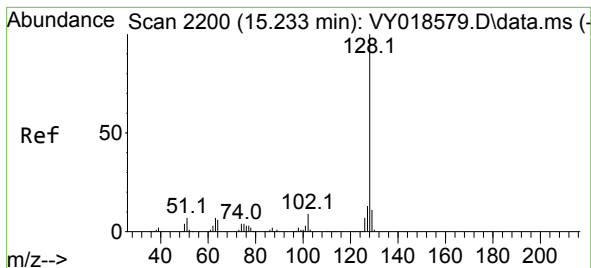
Ion Ratio Lower Upper

225 100

223 61.6 30.4 91.2

227 70.7 31.9 95.9





#95

Naphthalene

Concen: 9.531 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

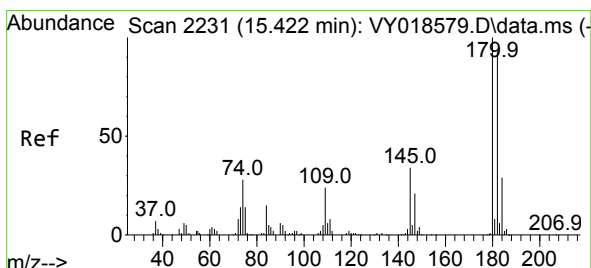
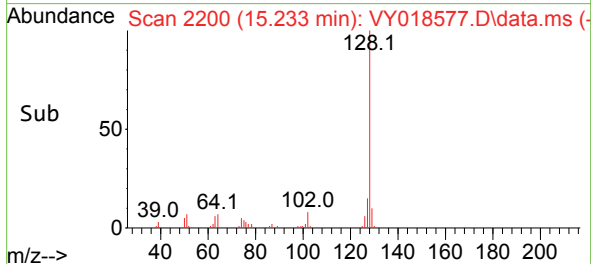
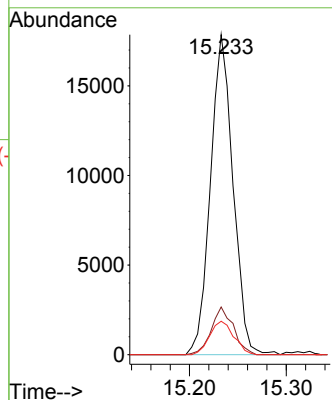
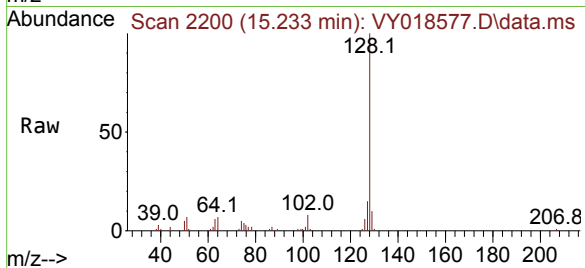
Tgt Ion:128 Resp: 28960

Ion Ratio Lower Upper

128 100

127 14.6 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 9.615 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018577.D

Acq: 13 Jun 2024 16:23

Tgt Ion:180 Resp: 13209

Ion Ratio Lower Upper

180 100

182 94.5 47.6 142.9

145 31.8 15.4 46.1

