

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061324\
 Data File : VY018578.D
 Acq On : 13 Jun 2024 16:46
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 14 06:48:11 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	156715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	269240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	239963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110631	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	26274	16.652	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	33.300%#
35) Dibromofluoromethane	7.703	113	27523	16.758	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	33.520%#
50) Toluene-d8	10.172	98	106039	16.789	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	33.580%#
62) 4-Bromofluorobenzene	12.477	95	31863	15.976	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	31.960%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	16508	15.994	ug/l	99
3) Chloromethane	2.101	50	34959	16.445	ug/l	95
4) Vinyl Chloride	2.241	62	43229	16.421	ug/l	99
5) Bromomethane	2.625	94	32236	16.474	ug/l	95
6) Chloroethane	2.777	64	29191	16.926	ug/l	97
7) Trichlorofluoromethane	3.101	101	49765	17.554	ug/l	100
8) Diethyl Ether	3.515	74	13677	16.920	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.881	101	25380	17.134	ug/l	96
10) Methyl Iodide	4.064	142	24687	14.287	ug/l	96
11) Tert butyl alcohol	4.923	59	24281	85.555	ug/l #	95
12) 1,1-Dichloroethene	3.850	96	24487	16.450	ug/l	94
13) Acrolein	3.710	56	7397	81.070	ug/l	95
14) Allyl chloride	4.460	41	33690	16.788	ug/l	96
15) Acrylonitrile	5.143	53	29447	81.890	ug/l	96
16) Acetone	3.930	43	25373	79.042	ug/l #	87
17) Carbon Disulfide	4.174	76	55791	14.029	ug/l	98
18) Methyl Acetate	4.460	43	12728	15.632	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	67790	17.072	ug/l	98
20) Methylene Chloride	4.698	84	42205	15.076	ug/l	95
21) trans-1,2-Dichloroethene	5.198	96	28134	16.603	ug/l	97
22) Diisopropyl ether	6.106	45	81287	17.943	ug/l	95
23) Vinyl Acetate	6.039	43	243367	71.649	ug/l	97
24) 1,1-Dichloroethane	5.996	63	49616	16.999	ug/l	99
25) 2-Butanone	6.972	43	39381	81.844	ug/l	98
26) 2,2-Dichloropropane	6.966	77	40600	16.511	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	34452	16.832	ug/l	97
28) Bromochloromethane	7.319	49	25160	21.032	ug/l	92
29) Tetrahydrofuran	7.332	42	24833	84.098	ug/l	95
30) Chloroform	7.496	83	53552	16.836	ug/l	96
31) Cyclohexane	7.777	56	40412	16.721	ug/l	100
32) 1,1,1-Trichloroethane	7.691	97	45023	16.661	ug/l	98
36) 1,1-Dichloropropene	7.905	75	36872	16.310	ug/l	96
37) Ethyl Acetate	7.063	43	17198	16.138	ug/l	95
38) Carbon Tetrachloride	7.892	117	38965	16.429	ug/l	97
39) Methylcyclohexane	9.173	83	45054	16.265	ug/l	95
40) Benzene	8.148	78	115118	16.465	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	7302	14.240	ug/l #	86
42) 1,2-Dichloroethane	8.228	62	30899	16.940	ug/l	96
43) Isopropyl Acetate	8.264	43	33734	16.959	ug/l #	83
44) Trichloroethene	8.935	130	30390	16.602	ug/l	93
45) 1,2-Dichloropropane	9.209	63	26871	16.808	ug/l	98
46) Dibromomethane	9.301	93	16525	16.659	ug/l	96
47) Bromodichloromethane	9.490	83	39582	16.718	ug/l	100
48) Methyl methacrylate	9.282	41	14165	15.818	ug/l #	93
49) 1,4-Dioxane	9.295	88	4007	307.138	ug/l #	93
51) 4-Methyl-2-Pentanone	10.063	43	88285	84.262	ug/l	99
52) Toluene	10.240	92	75666	16.856	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	34074	16.469	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	41073	16.450	ug/l	94
55) 1,1,2-Trichloroethane	10.636	97	22162	16.797	ug/l	97
56) Ethyl methacrylate	10.508	69	28374	16.434	ug/l #	88
57) 1,3-Dichloropropane	10.782	76	35936	16.396	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	82388	98.847	ug/l	100
59) 2-Hexanone	10.825	43	61705	84.077	ug/l	94
60) Dibromochloromethane	10.977	129	26948	16.442	ug/l	97
61) 1,2-Dibromoethane	11.081	107	19905	16.324	ug/l	99
64) Tetrachloroethene	10.715	164	28138	16.440	ug/l	97
65) Chlorobenzene	11.508	112	83533	16.851	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	26211	15.778	ug/l	99
67) Ethyl Benzene	11.587	91	143160	16.644	ug/l	99
68) m/p-Xylenes	11.697	106	110835	33.116	ug/l	100
69) o-Xylene	12.026	106	53511	16.626	ug/l	100
70) Styrene	12.038	104	88929	16.725	ug/l	98
71) Bromoform	12.203	173	13712	15.043	ug/l #	96
73) Isopropylbenzene	12.325	105	137331	16.999	ug/l	100
74) N-amyl acetate	12.142	43	29672	17.936	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.575	83	25163	17.542	ug/l	100
76) 1,2,3-Trichloropropane	12.623	75	29105	27.163	ug/l #	100
77) Bromobenzene	12.605	156	32334	17.307	ug/l	95
78) n-propylbenzene	12.666	91	167712	17.739	ug/l	100
79) 2-Chlorotoluene	12.751	91	93070	17.439	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	111246	17.375	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	6452	16.285	ug/l #	83
82) 4-Chlorotoluene	12.849	91	94981	17.673	ug/l	98
83) tert-Butylbenzene	13.068	119	102764	17.342	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	109585	17.124	ug/l	99
85) sec-Butylbenzene	13.251	105	149571	17.697	ug/l	100
86) p-Isopropyltoluene	13.367	119	121191	16.914	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	63127	16.752	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	61775	16.706	ug/l	98
89) n-Butylbenzene	13.690	91	116472	18.035	ug/l	98
90) Hexachloroethane	13.958	117	22155	17.021	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	55262	17.167	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3465	16.682	ug/l	90
93) 1,2,4-Trichlorobenzene	15.001	180	28249	15.751	ug/l	97
94) Hexachlorobutadiene	15.105	225	15031	16.312	ug/l	97
95) Naphthalene	15.233	128	53000	15.814	ug/l	98
96) 1,2,3-Trichlorobenzene	15.415	180	24547	16.199	ug/l	98

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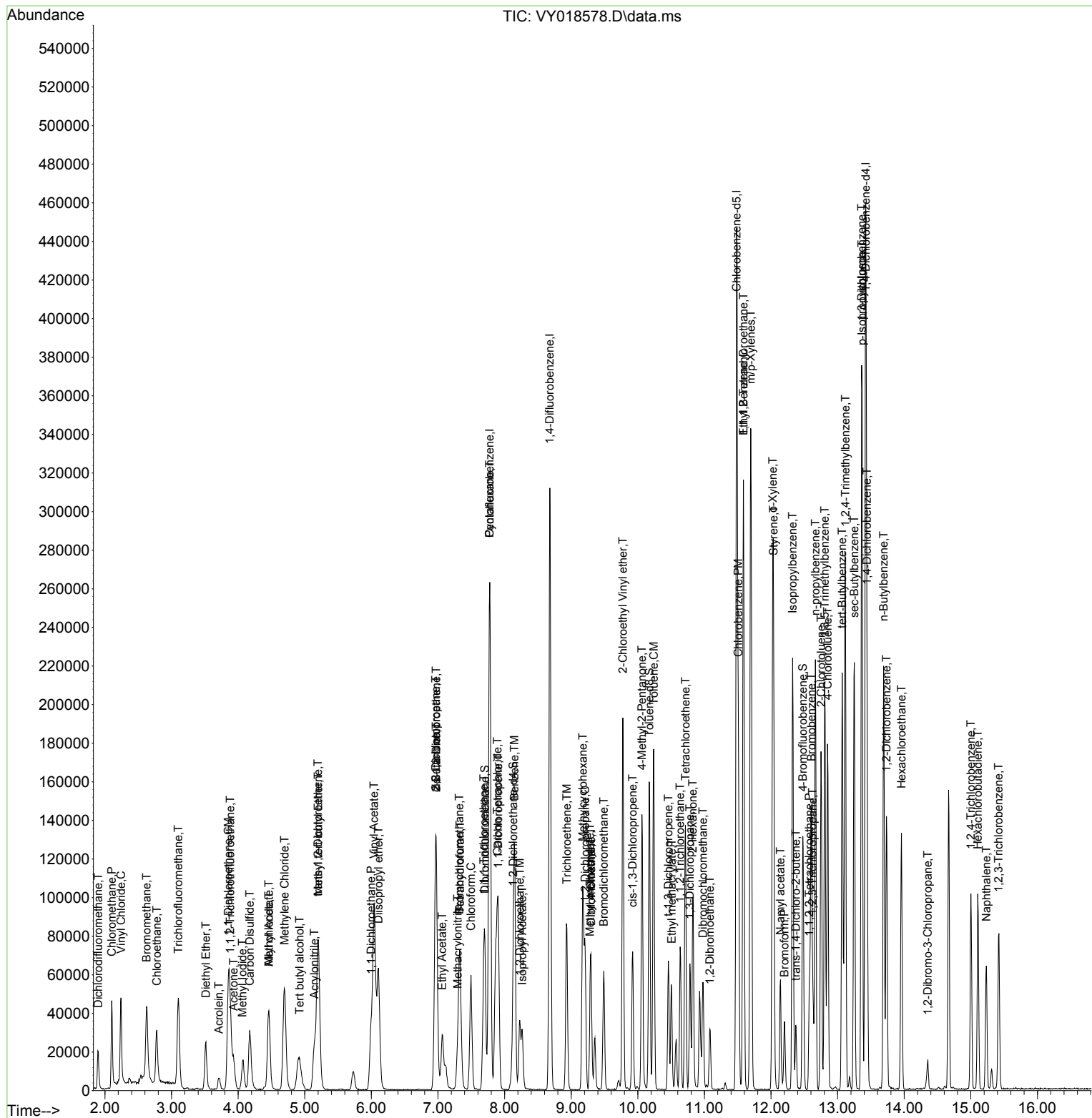
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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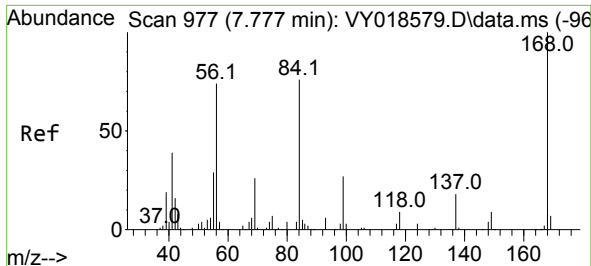
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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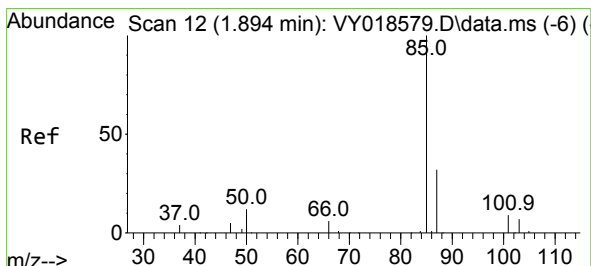
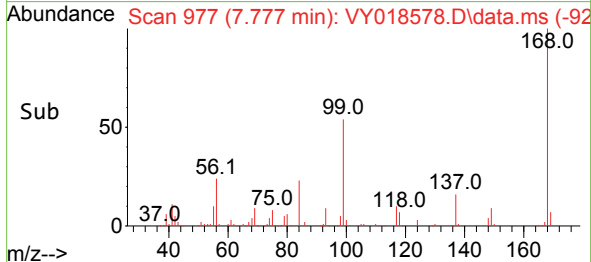
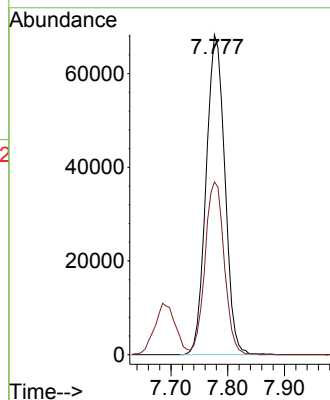
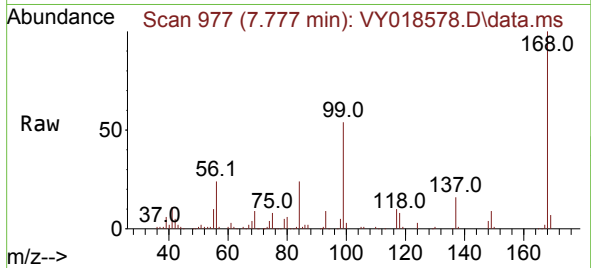




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
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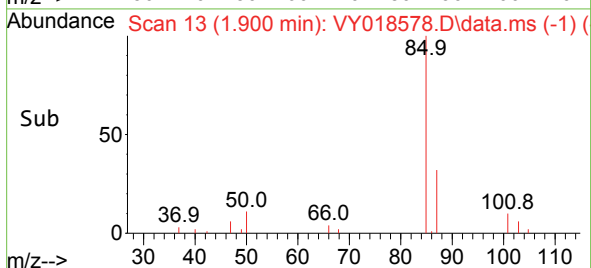
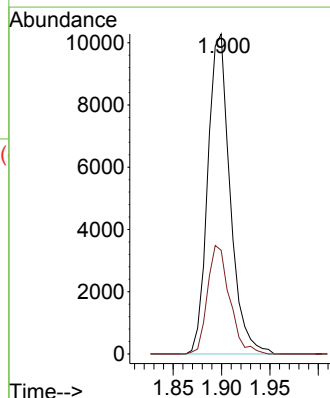
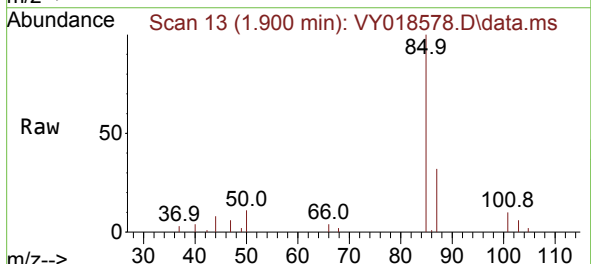
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

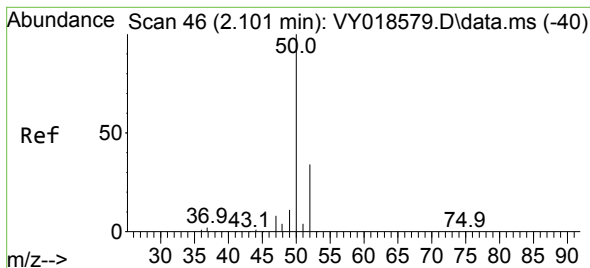
Tgt Ion:168 Resp: 156715
Ion Ratio Lower Upper
168 100
99 54.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 15.994 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion: 85 Resp: 16508
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0





#3

Chloromethane

Concen: 16.445 ug/l

RT: 2.101 min Scan# 46

Delta R.T. -0.000 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

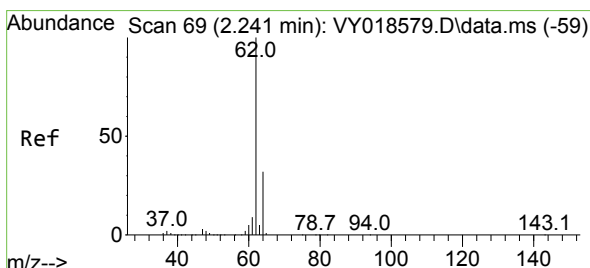
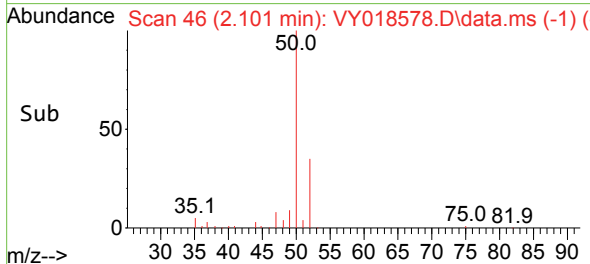
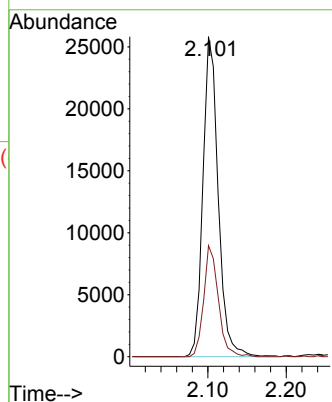
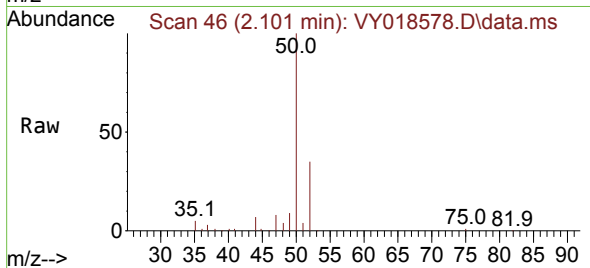
VSTDICC020

Tgt Ion: 50 Resp: 34959

Ion Ratio Lower Upper

50 100

52 34.7 25.6 38.4



#4

Vinyl Chloride

Concen: 16.421 ug/l

RT: 2.241 min Scan# 69

Delta R.T. -0.000 min

Lab File: VY018578.D

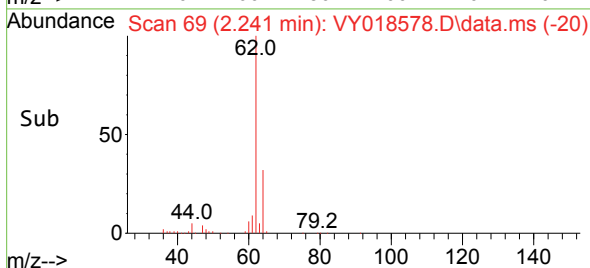
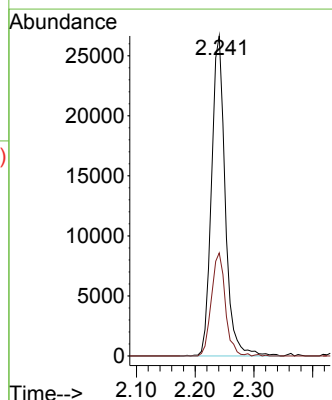
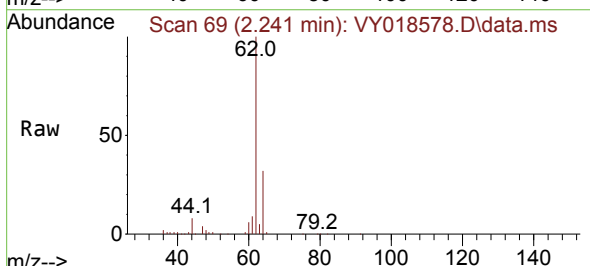
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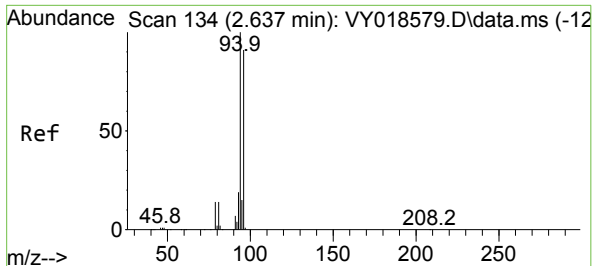
Tgt Ion: 62 Resp: 43229

Ion Ratio Lower Upper

62 100

64 32.2 26.1 39.1

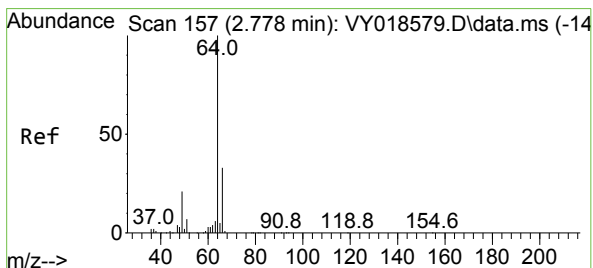
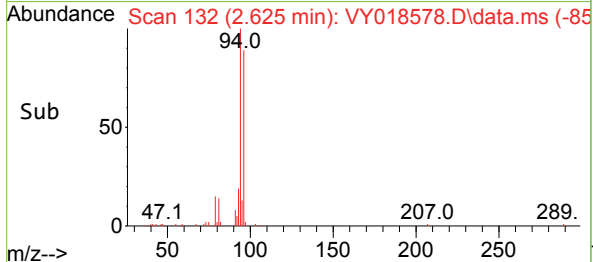
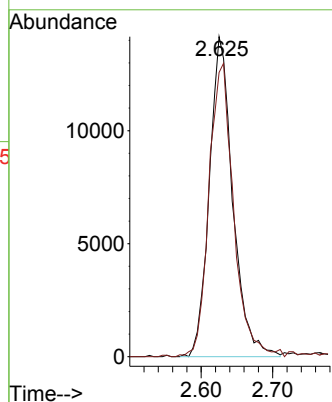
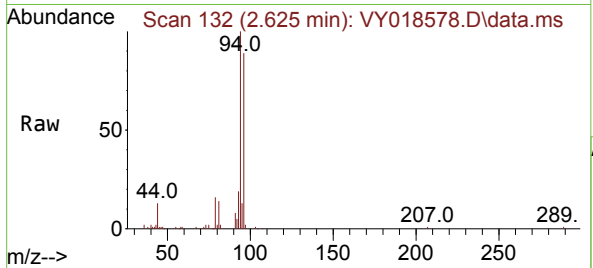




#5
Bromomethane
Concen: 16.474 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY018578.D
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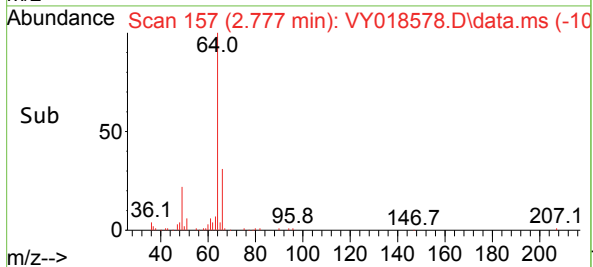
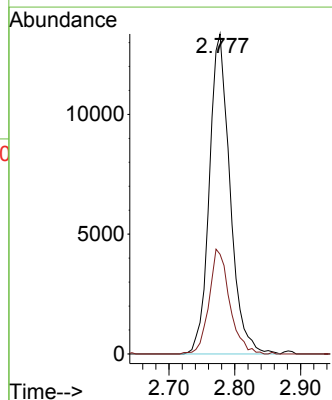
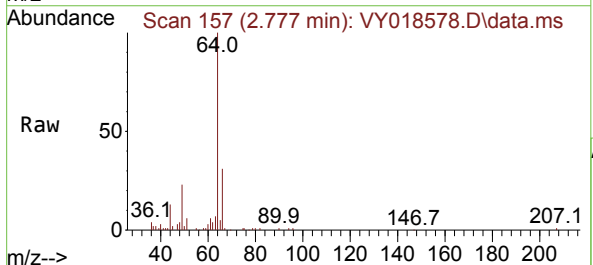
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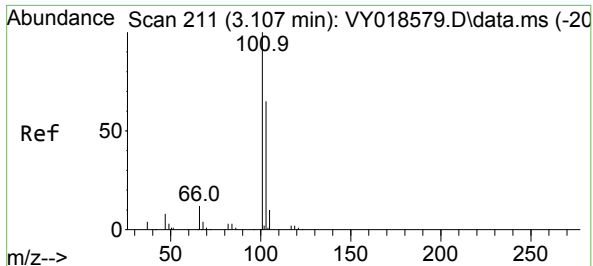
Tgt Ion: 94 Resp: 32236
Ion Ratio Lower Upper
94 100
96 88.2 74.1 111.1



#6
Chloroethane
Concen: 16.926 ug/l
RT: 2.777 min Scan# 157
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 29191
Ion Ratio Lower Upper
64 100
66 31.2 26.1 39.1

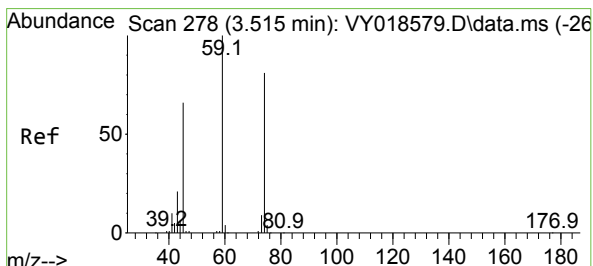
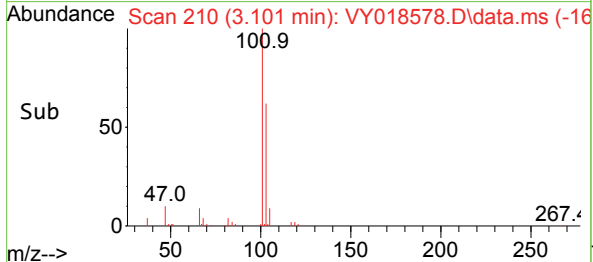
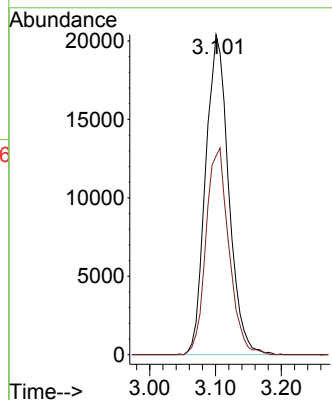
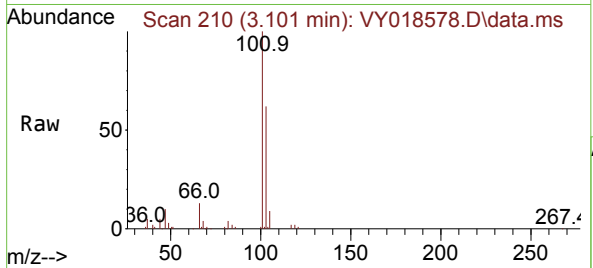




#7
 Trichlorofluoromethane
 Concen: 17.554 ug/l
 RT: 3.101 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VY018578.D
 Acq: 13 Jun 2024 16:46

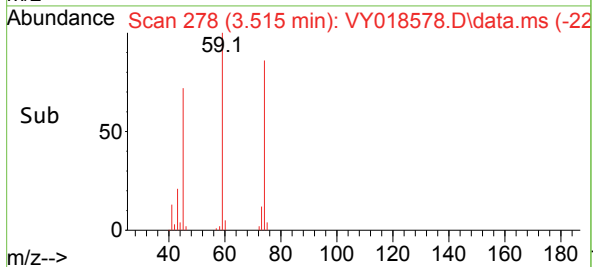
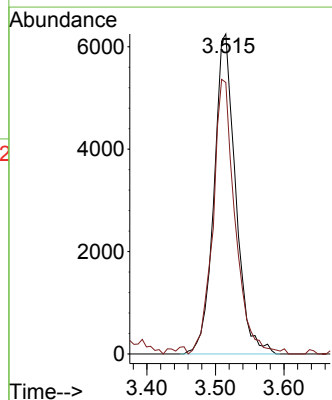
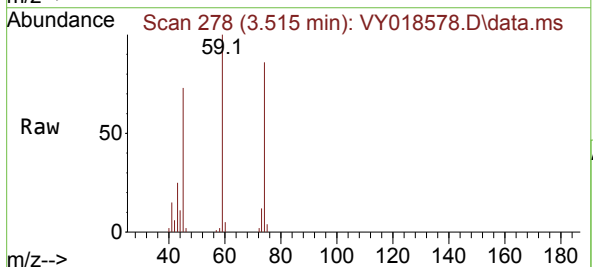
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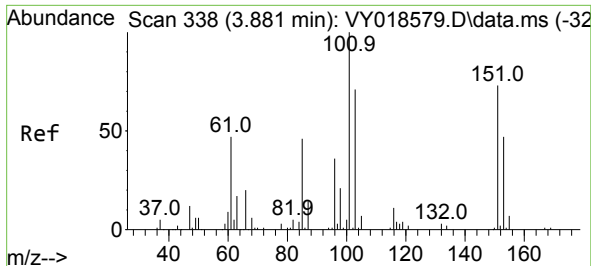
Tgt Ion:101 Resp: 49765
 Ion Ratio Lower Upper
 101 100
 103 61.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 16.920 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 13677
 Ion Ratio Lower Upper
 74 100
 45 88.3 41.3 124.1

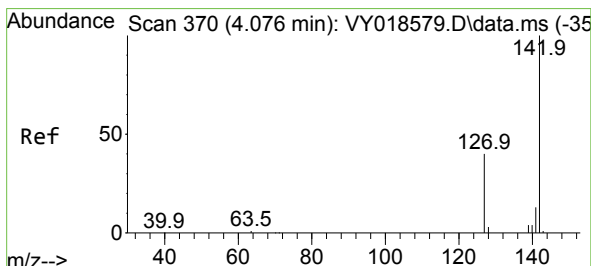
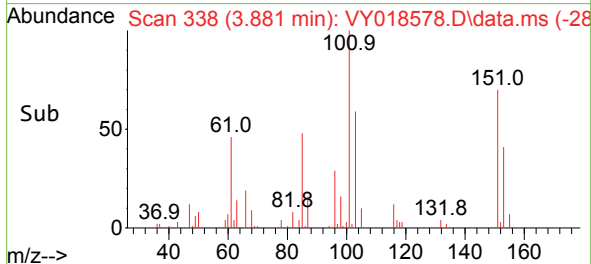
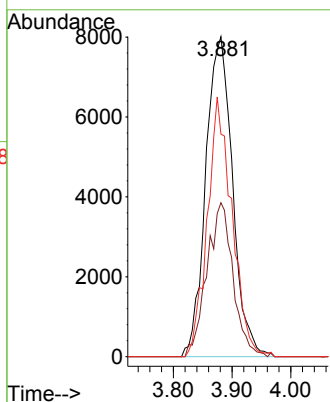
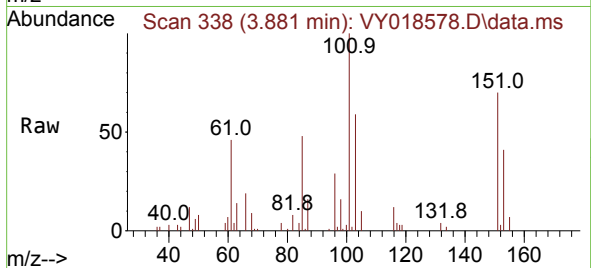




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.134 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

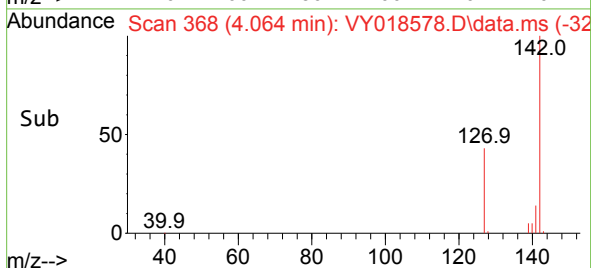
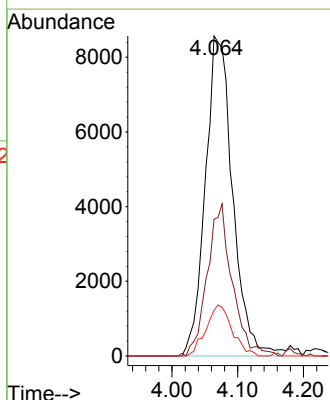
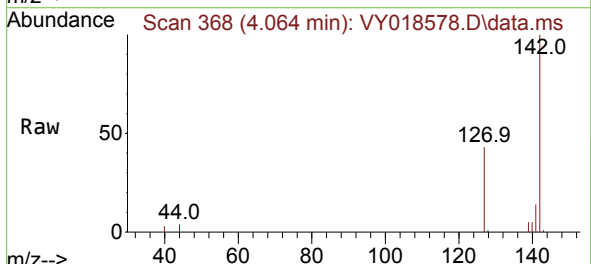
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

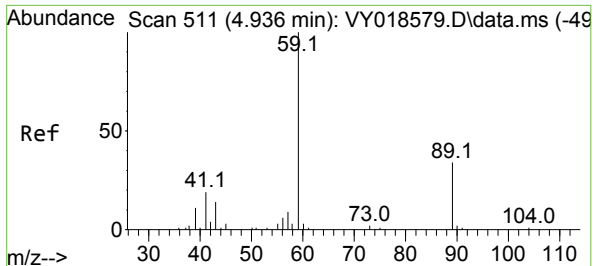
Tgt Ion:101 Resp: 25380
Ion Ratio Lower Upper
101 100
85 46.9 34.5 51.7
151 74.6 61.7 92.5



#10
Methyl Iodide
Concen: 14.287 ug/l
RT: 4.064 min Scan# 368
Delta R.T. -0.012 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion:142 Resp: 24687
Ion Ratio Lower Upper
142 100
127 43.5 32.8 49.2
141 15.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 85.555 ug/l

RT: 4.923 min Scan# 509

Delta R.T. -0.013 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

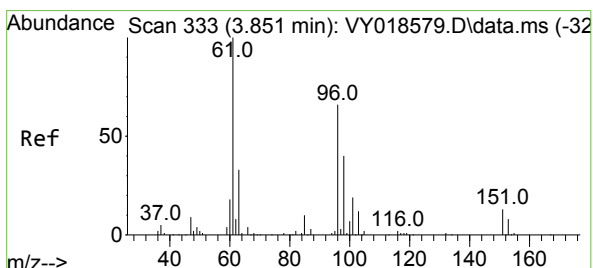
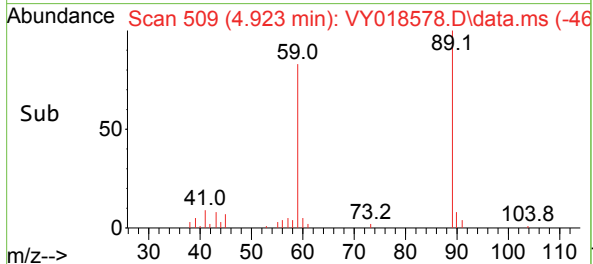
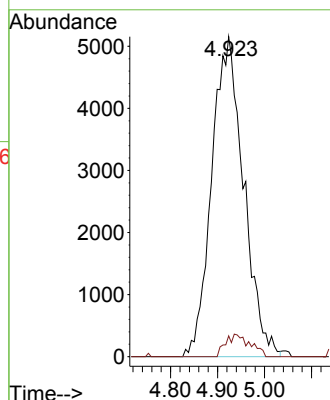
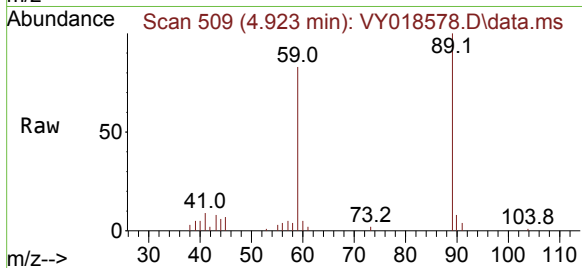
VSTDIC020

Tgt Ion: 59 Resp: 24281

Ion Ratio Lower Upper

59 100

57 5.4 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 16.450 ug/l

RT: 3.850 min Scan# 333

Delta R.T. -0.000 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

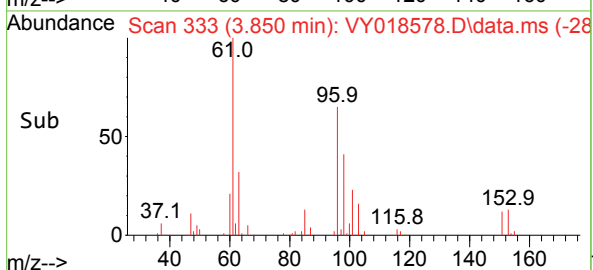
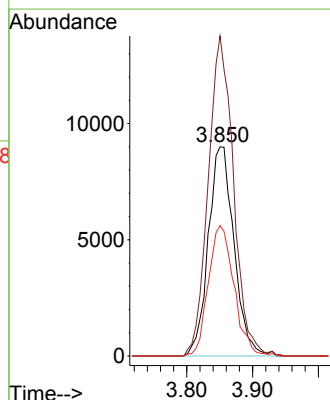
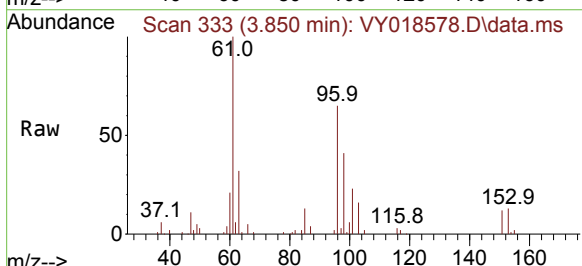
Tgt Ion: 96 Resp: 24487

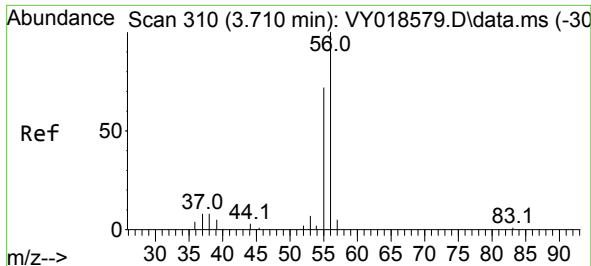
Ion Ratio Lower Upper

96 100

61 153.0 114.6 171.8

98 62.3 50.8 76.2





#13

Acrolein

Concen: 81.070 ug/l

RT: 3.710 min Scan# 310

Delta R.T. 0.000 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

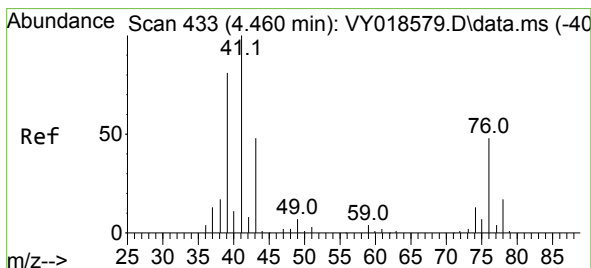
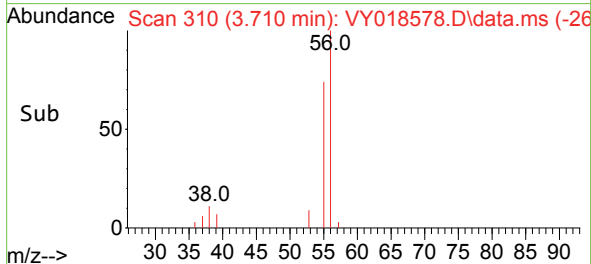
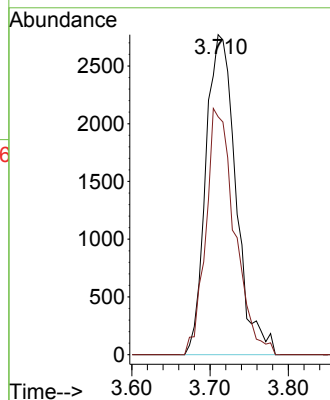
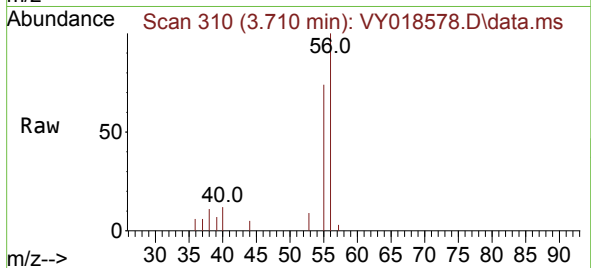
VSTDICC020

Tgt Ion: 56 Resp: 7397

Ion Ratio Lower Upper

56 100

55 73.9 55.7 83.5



#14

Allyl chloride

Concen: 16.788 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.000 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

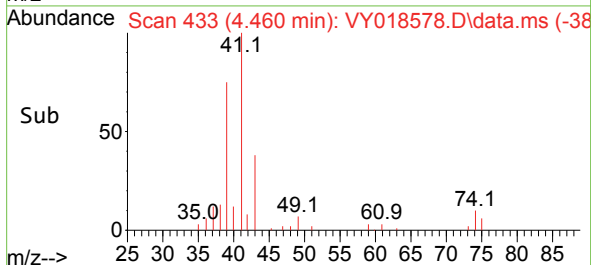
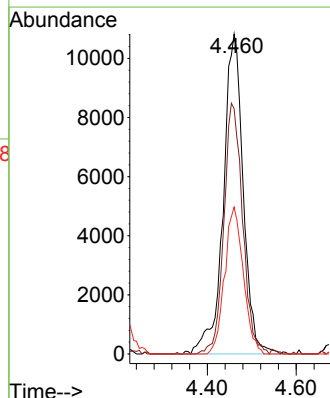
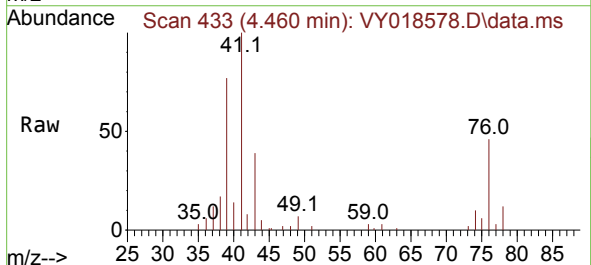
Tgt Ion: 41 Resp: 33690

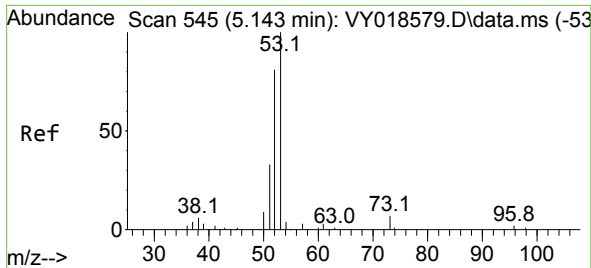
Ion Ratio Lower Upper

41 100

39 73.4 58.3 87.5

76 43.0 39.0 58.6





#15

Acrylonitrile

Concen: 81.890 ug/l

RT: 5.143 min Scan# 545

Delta R.T. -0.000 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

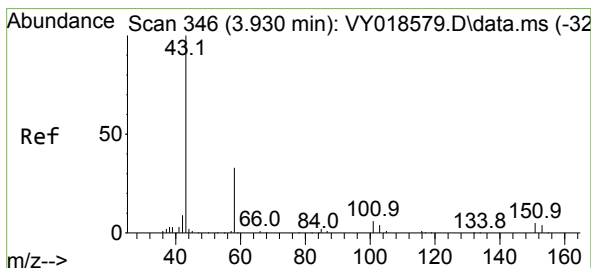
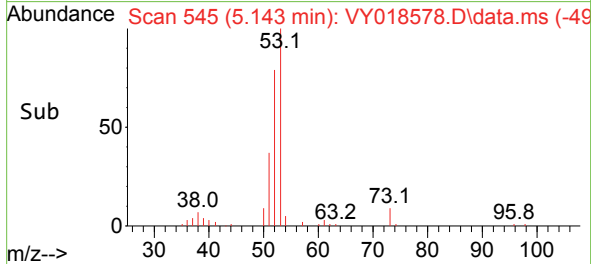
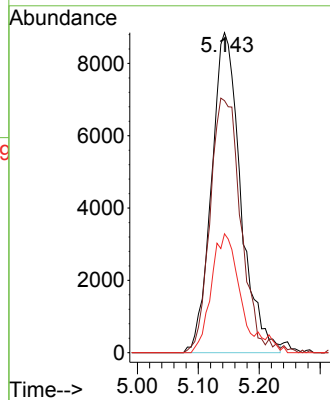
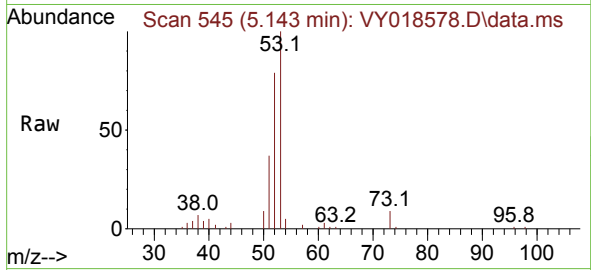
Tgt Ion: 53 Resp: 29447

Ion Ratio Lower Upper

53 100

52 84.2 64.7 97.1

51 38.0 28.4 42.6



#16

Acetone

Concen: 79.042 ug/l

RT: 3.930 min Scan# 346

Delta R.T. -0.000 min

Lab File: VY018578.D

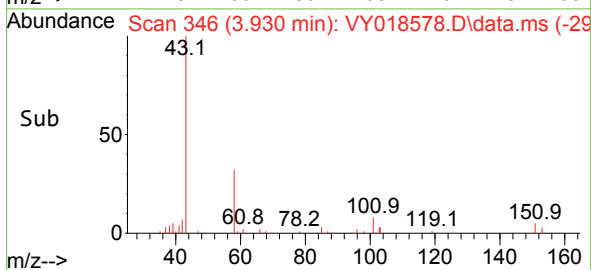
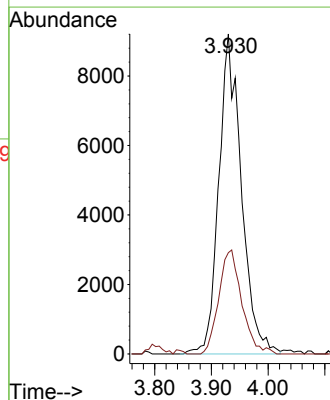
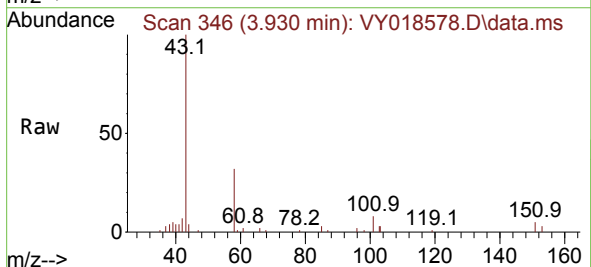
Acq: 13 Jun 2024 16:46

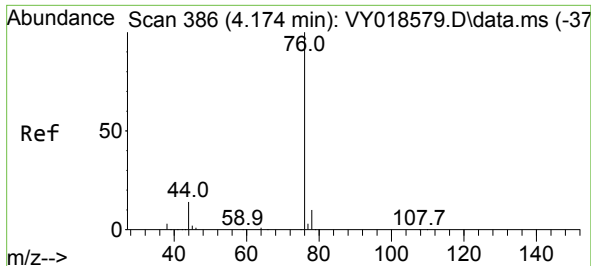
Tgt Ion: 43 Resp: 25373

Ion Ratio Lower Upper

43 100

58 31.6 31.7 47.5#

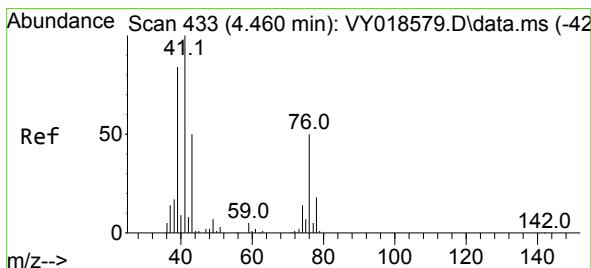
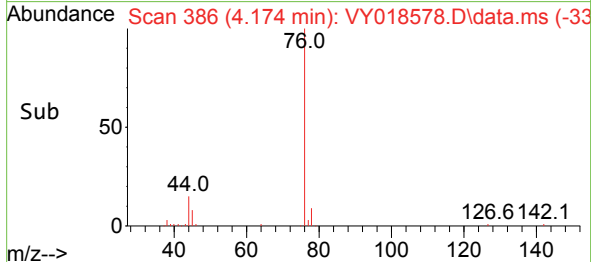
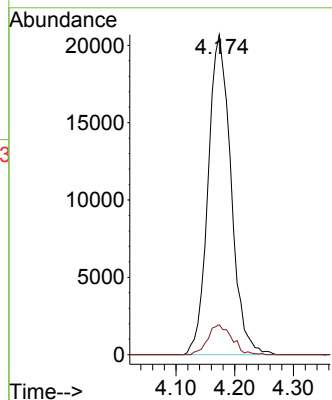
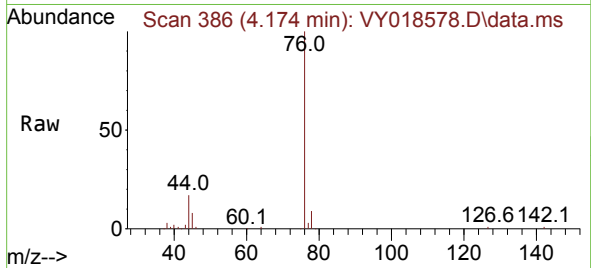




#17
Carbon Disulfide
Concen: 14.029 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

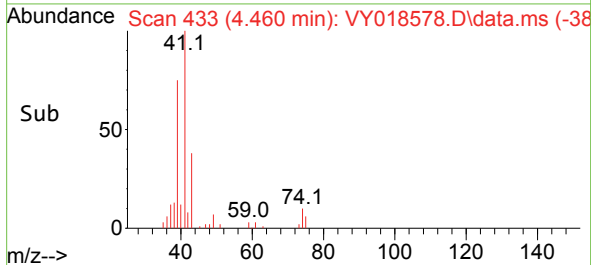
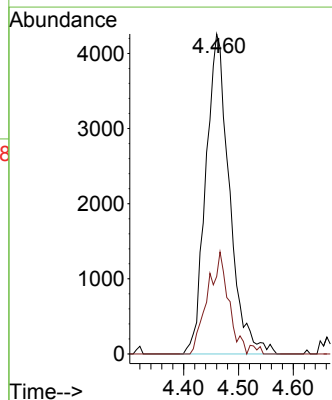
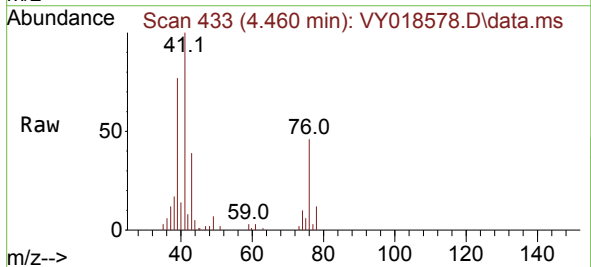
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

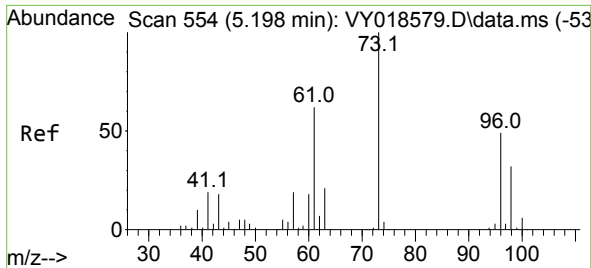
Tgt Ion: 76 Resp: 55791
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 15.632 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion: 43 Resp: 12728
Ion Ratio Lower Upper
43 100
74 28.3 23.3 34.9

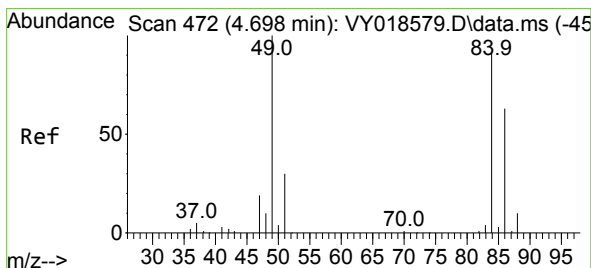
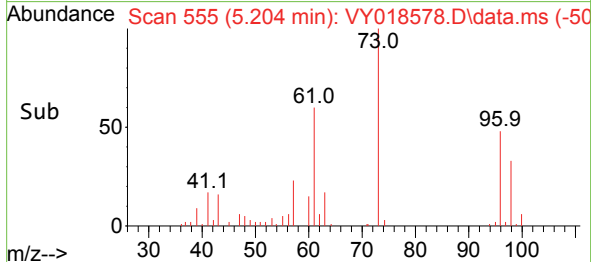
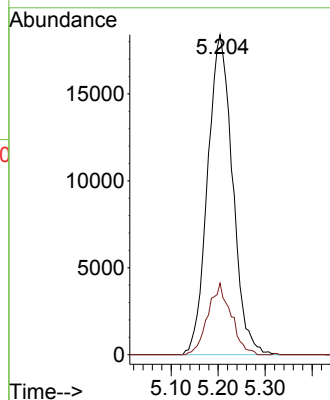
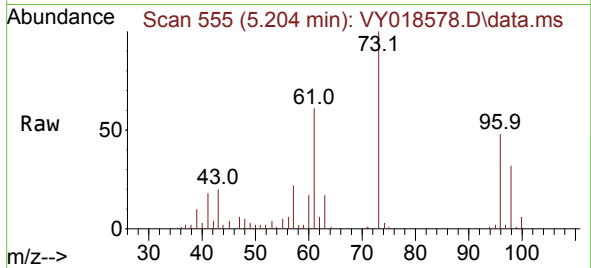




#19
Methyl tert-butyl Ether
Concen: 17.072 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

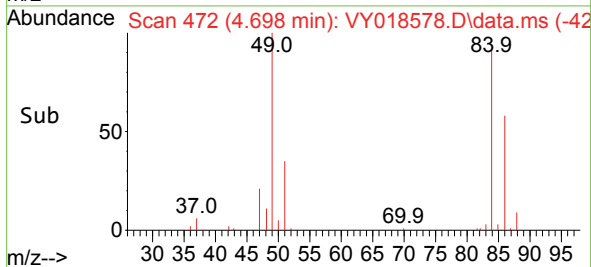
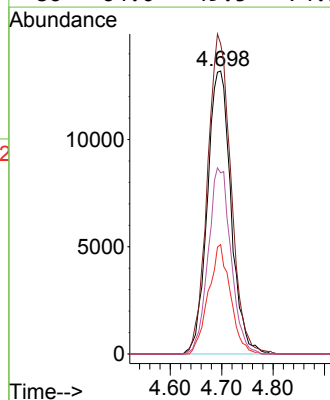
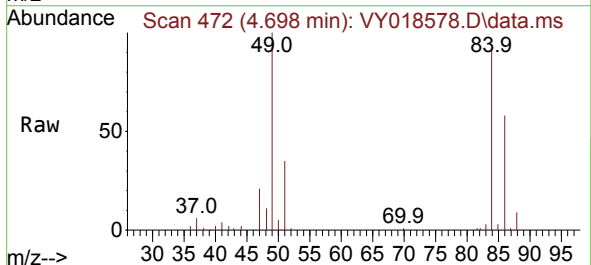
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

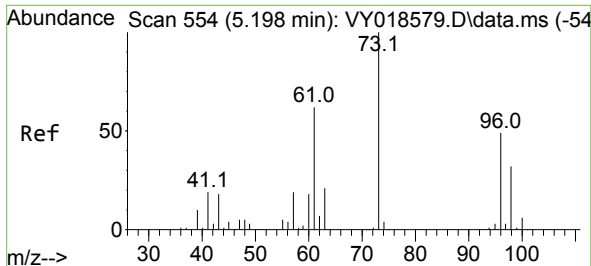
Tgt Ion: 73 Resp: 67790
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9



#20
Methylene Chloride
Concen: 15.076 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion: 84 Resp: 42205
Ion Ratio Lower Upper
84 100
49 109.6 84.4 126.6
51 38.6 26.0 39.0
86 64.0 49.5 74.3

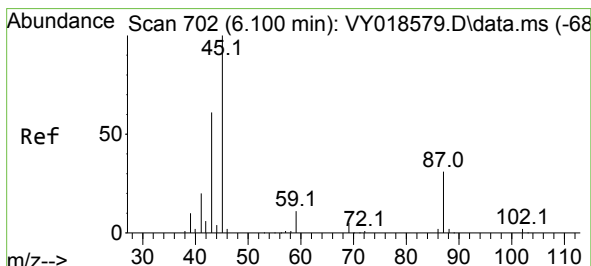
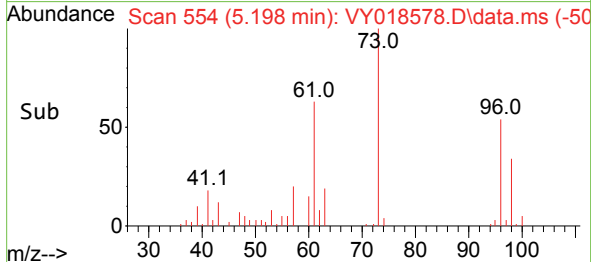
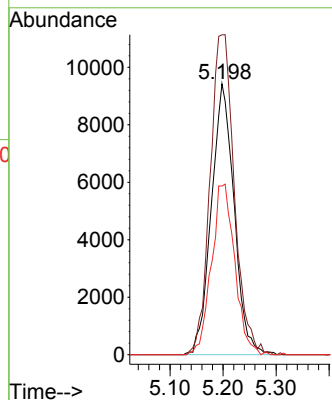
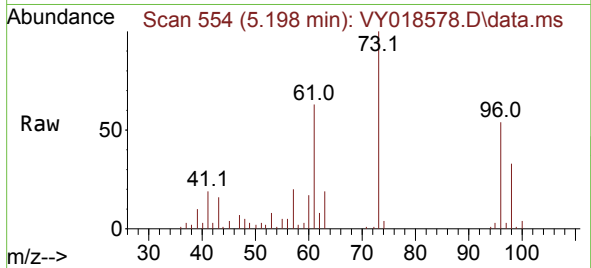




#21
trans-1,2-Dichloroethene
Concen: 16.603 ug/l
RT: 5.198 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

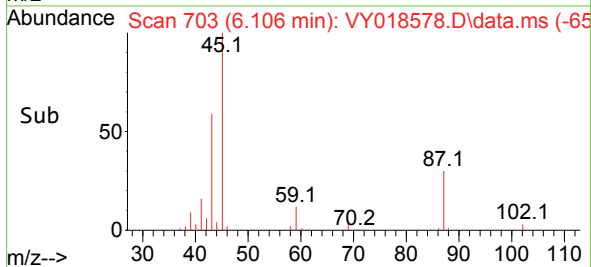
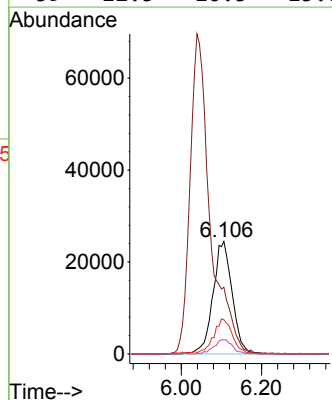
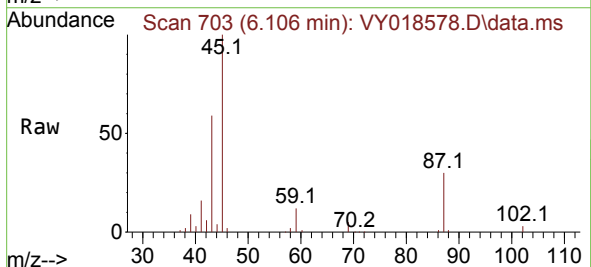
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

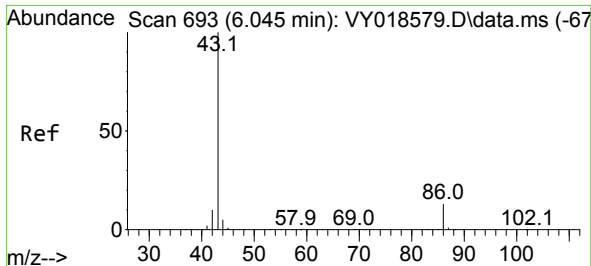
Tgt Ion: 96 Resp: 28134
Ion Ratio Lower Upper
96 100
61 118.1 97.5 146.3
98 62.3 50.5 75.7



#22
Diisopropyl ether
Concen: 17.943 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion: 45 Resp: 81287
Ion Ratio Lower Upper
45 100
43 58.9 42.2 63.2
87 30.4 25.0 37.6
59 12.5 10.5 15.7

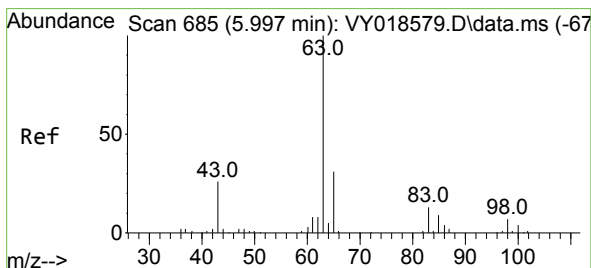
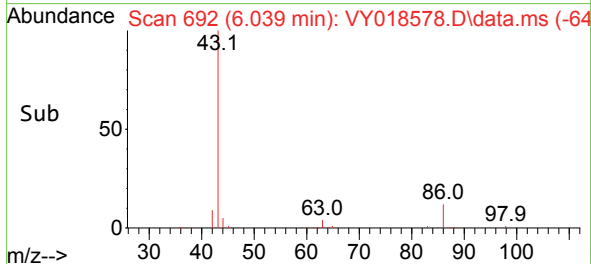
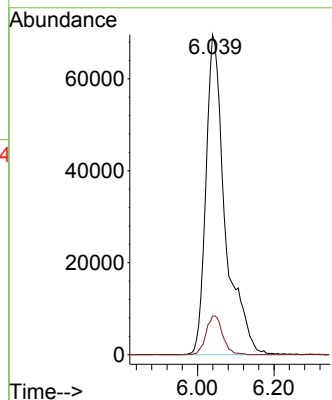
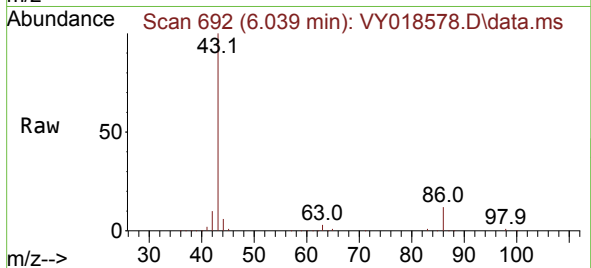




#23
Vinyl Acetate
Concen: 71.649 ug/l
RT: 6.039 min Scan# 692
Delta R.T. -0.006 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

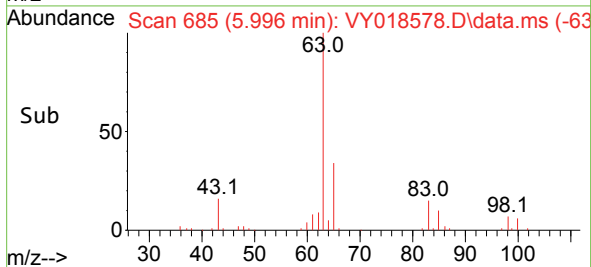
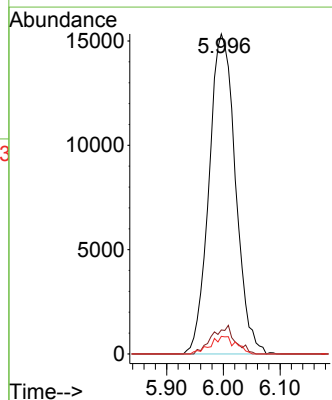
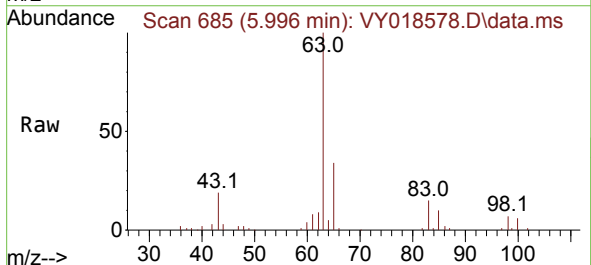
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

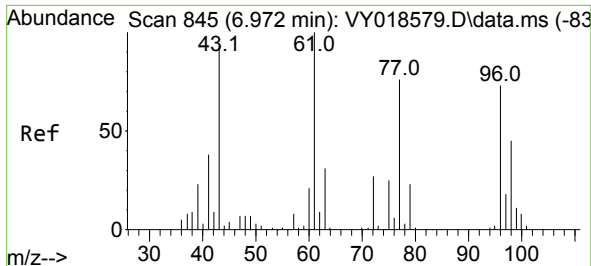
Tgt Ion: 43 Resp: 243367
Ion Ratio Lower Upper
43 100
86 12.0 10.6 16.0



#24
1,1-Dichloroethane
Concen: 16.999 ug/l
RT: 5.996 min Scan# 685
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion: 63 Resp: 49616
Ion Ratio Lower Upper
63 100
98 7.5 4.0 12.2
100 5.5 2.6 8.0





#25

2-Butanone

Concen: 81.844 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

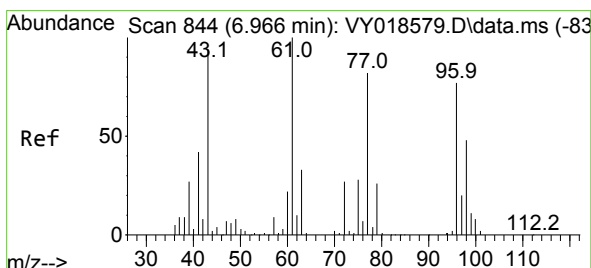
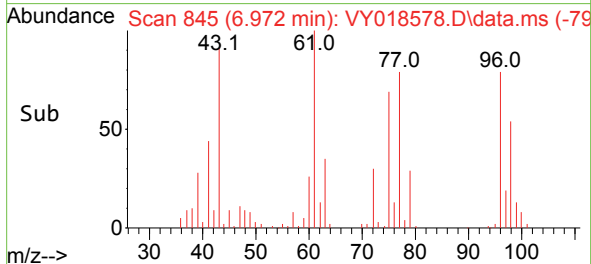
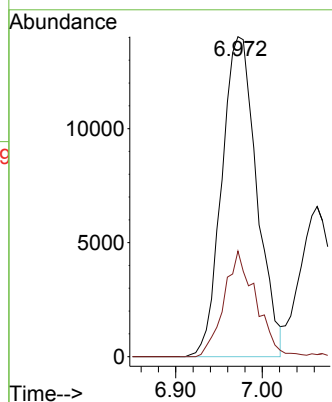
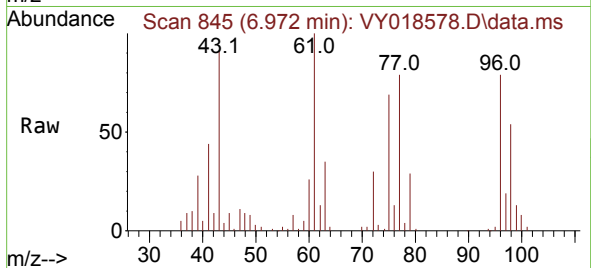
VSTDICC020

Tgt Ion: 43 Resp: 39381

Ion Ratio Lower Upper

43 100

72 33.0 27.3 40.9



#26

2,2-Dichloropropane

Concen: 16.511 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.000 min

Lab File: VY018578.D

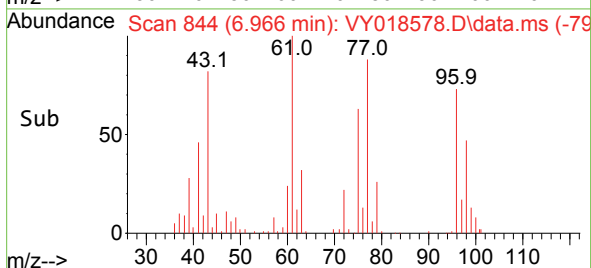
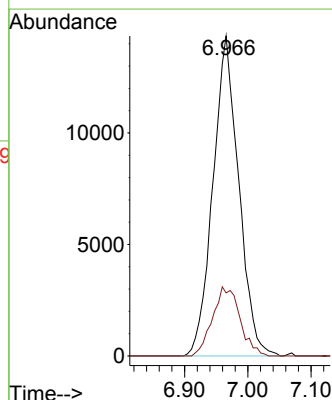
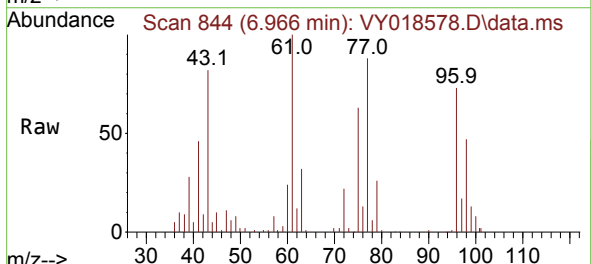
Acq: 13 Jun 2024 16:46

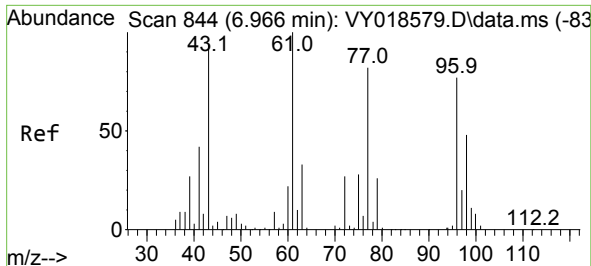
Tgt Ion: 77 Resp: 40600

Ion Ratio Lower Upper

77 100

97 23.0 12.0 36.1

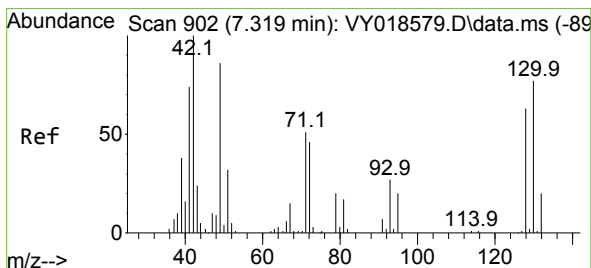
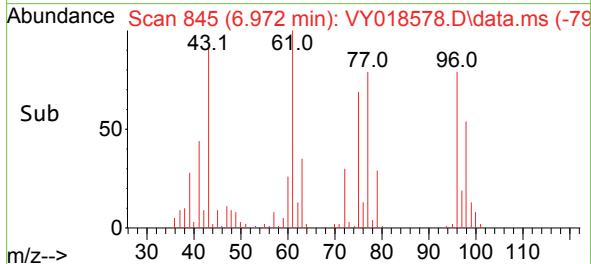
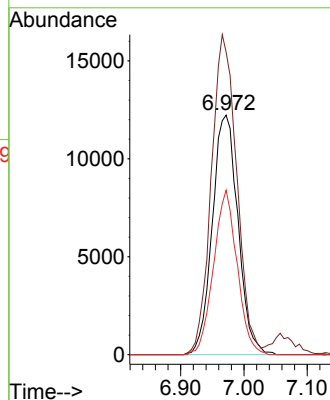
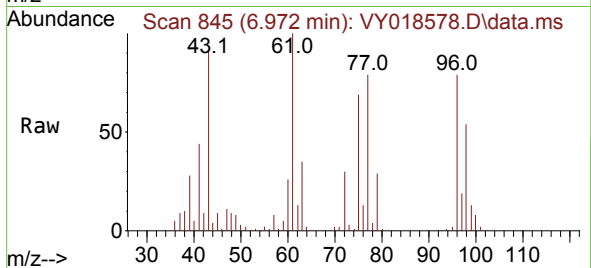




#27
cis-1,2-Dichloroethene
Concen: 16.832 ug/l
RT: 6.972 min Scan# 844
Delta R.T. 0.006 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

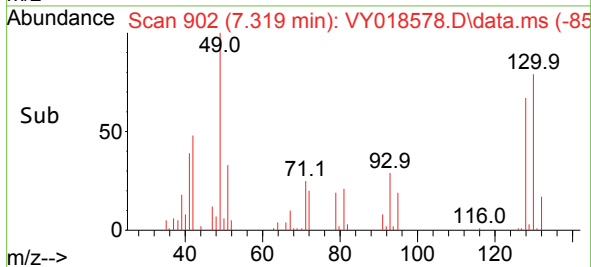
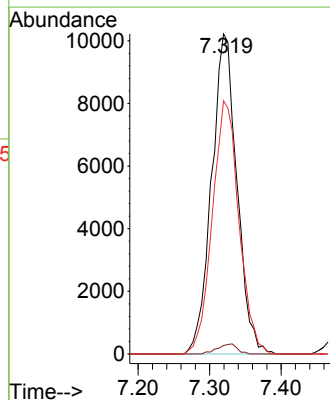
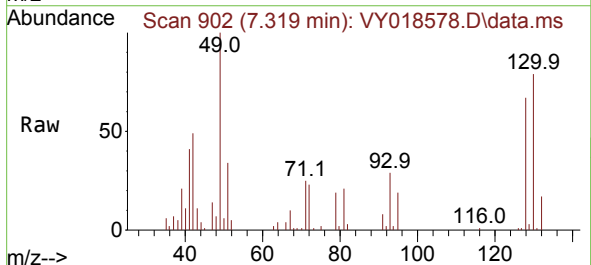
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

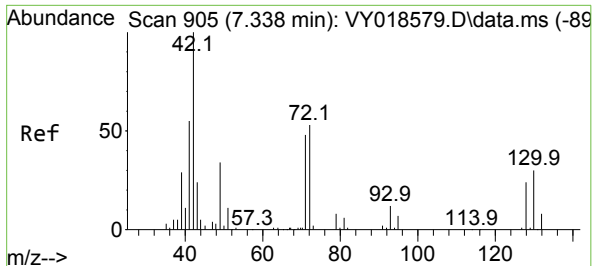
Tgt Ion: 96 Resp: 34452
Ion Ratio Lower Upper
96 100
61 132.1 0.0 256.2
98 63.2 0.0 130.0



#28
Bromochloromethane
Concen: 21.032 ug/l
RT: 7.319 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion: 49 Resp: 25160
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.6
130 83.0 72.7 109.1

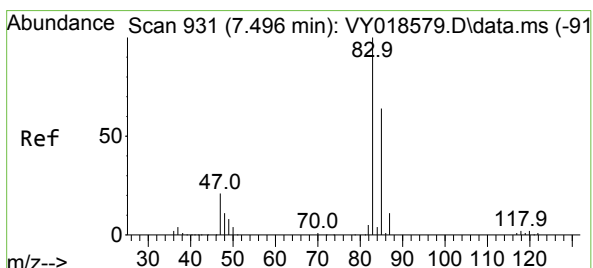
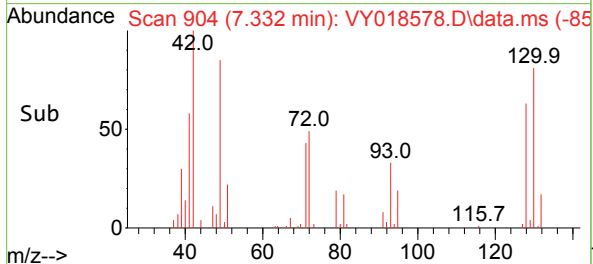
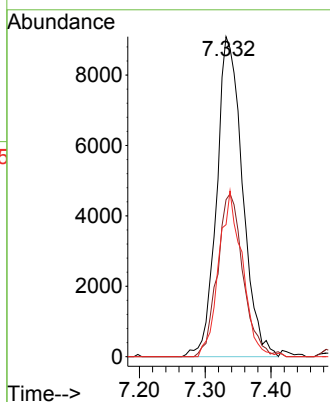
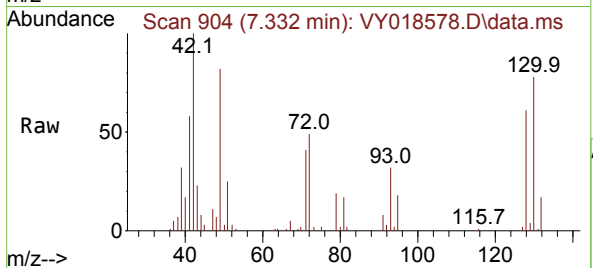




#29
Tetrahydrofuran
Concen: 84.098 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

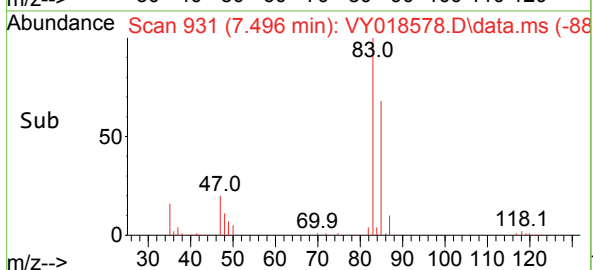
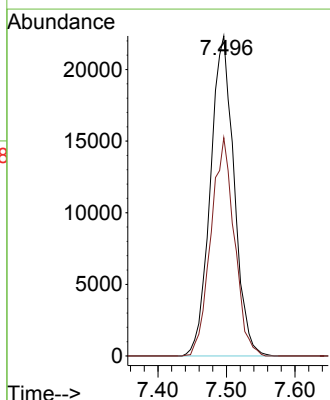
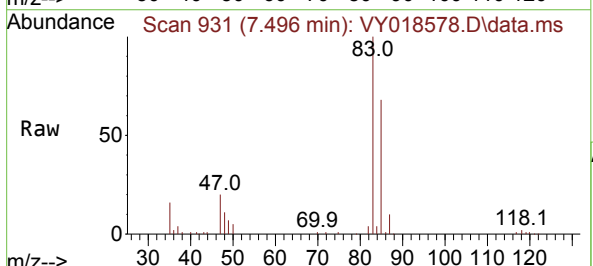
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

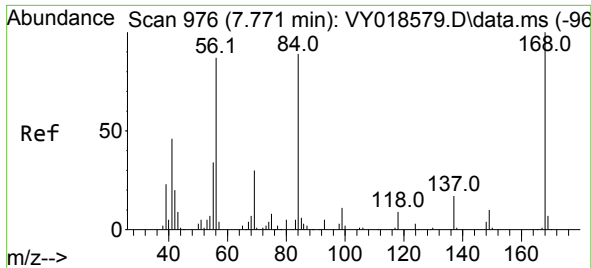
Tgt Ion:	42	Resp:	24833
Ion	Ratio	Lower	Upper
42	100		
72	50.8	43.0	64.4
71	47.5	40.8	61.2



#30
Chloroform
Concen: 16.836 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion:	83	Resp:	53552
Ion	Ratio	Lower	Upper
83	100		
85	68.2	52.2	78.4

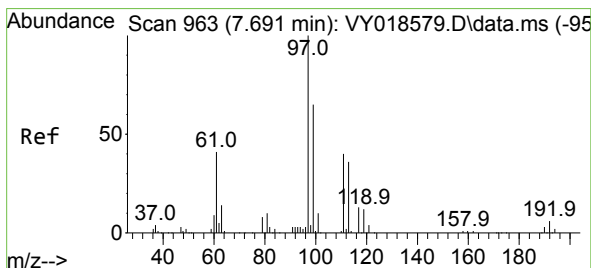
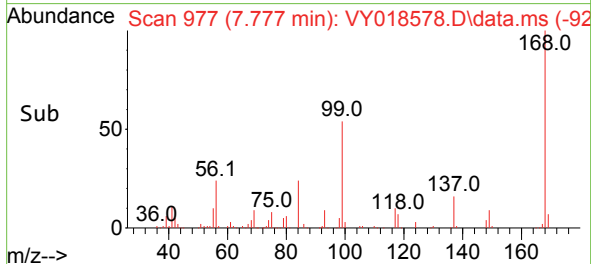
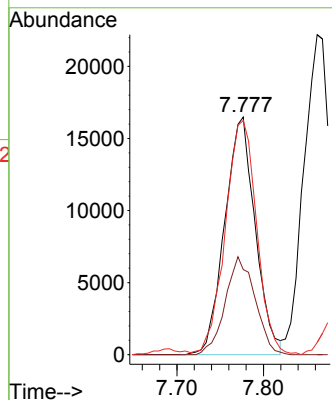
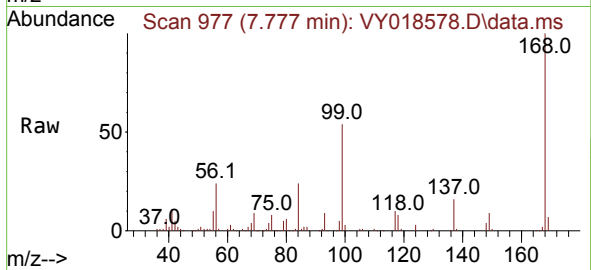




#31
Cyclohexane
Concen: 16.721 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

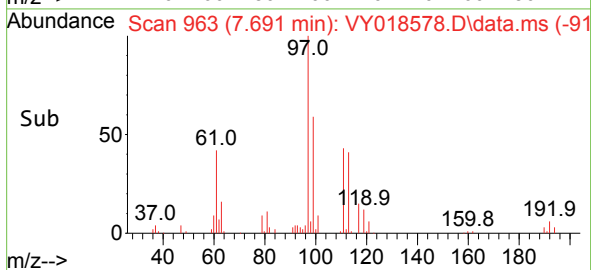
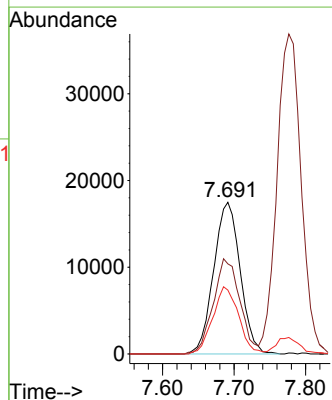
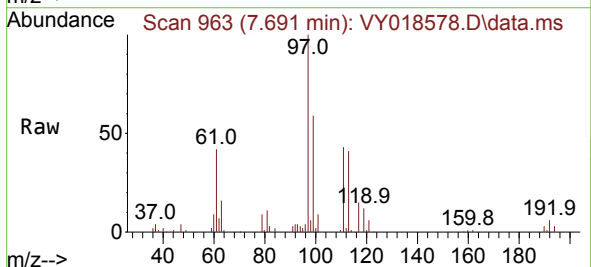
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

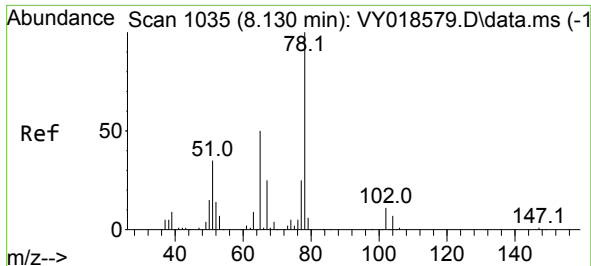
Tgt Ion: 56 Resp: 40412
Ion Ratio Lower Upper
56 100
69 35.8 28.7 43.1
84 97.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 16.661 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion: 97 Resp: 45023
Ion Ratio Lower Upper
97 100
99 63.1 50.3 75.5
61 43.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 16.652 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

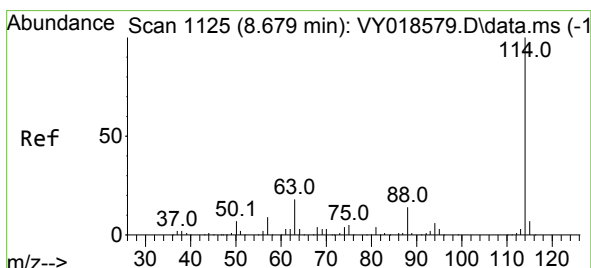
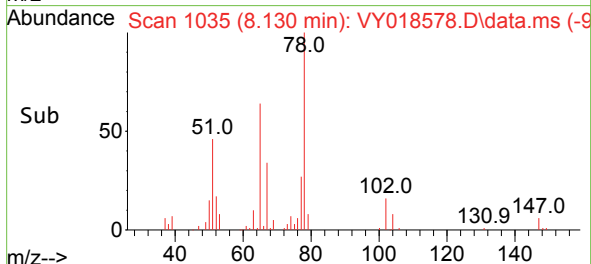
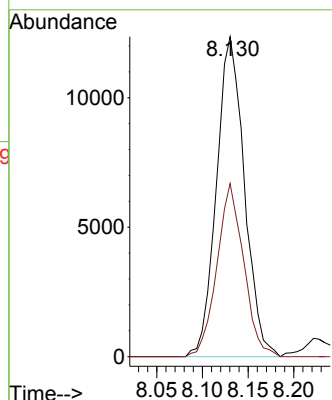
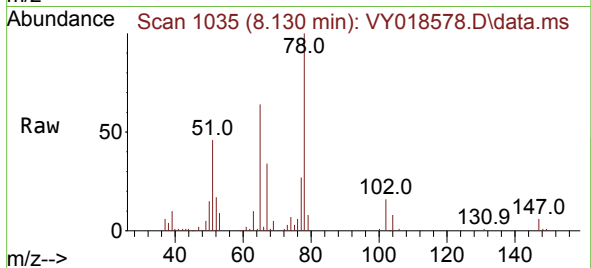
VSTDIC020

Tgt Ion: 65 Resp: 26274

Ion Ratio Lower Upper

65 100

67 51.7 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: VY018578.D

Acq: 13 Jun 2024 16:46

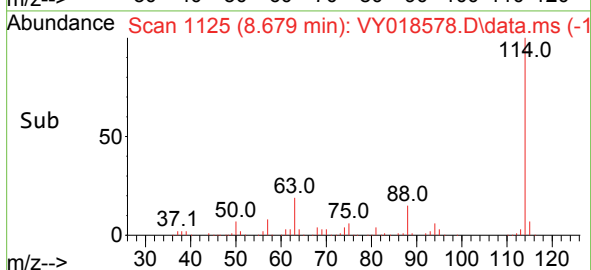
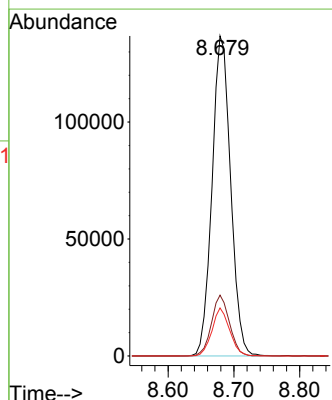
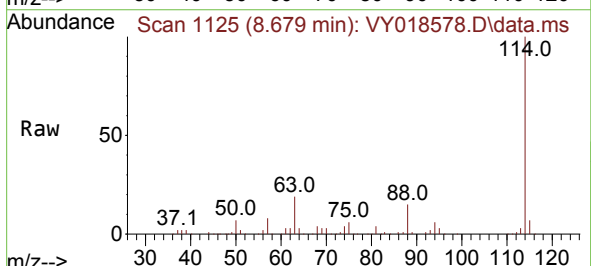
Tgt Ion: 114 Resp: 269240

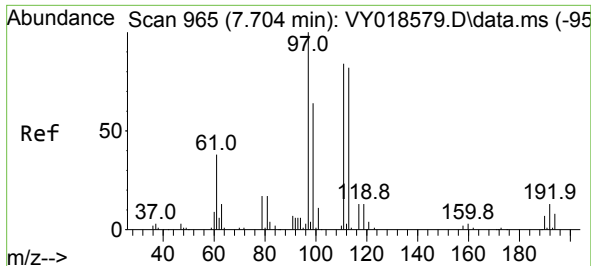
Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.0

88 15.0 0.0 27.2

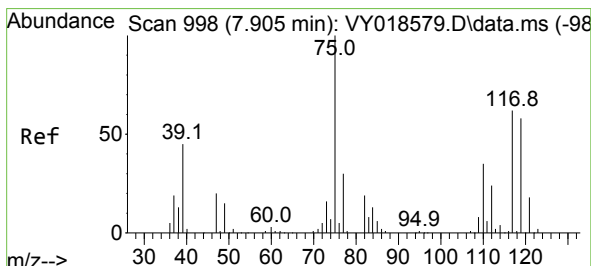
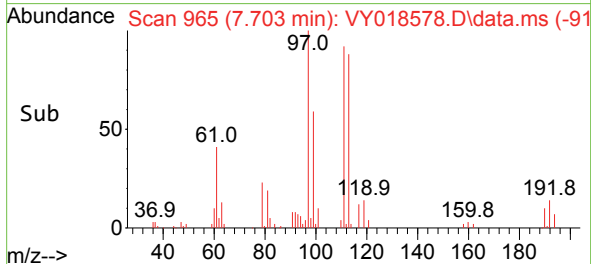
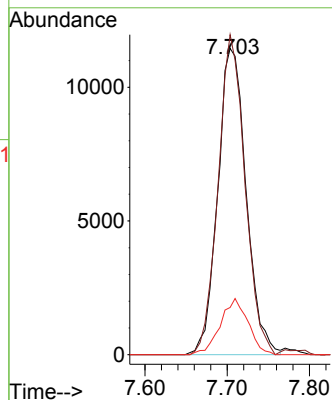
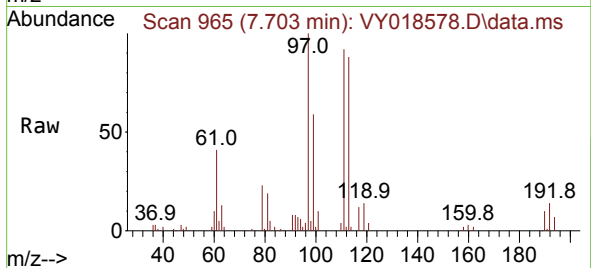




#35
Dibromofluoromethane
Concen: 16.758 ug/l
RT: 7.703 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

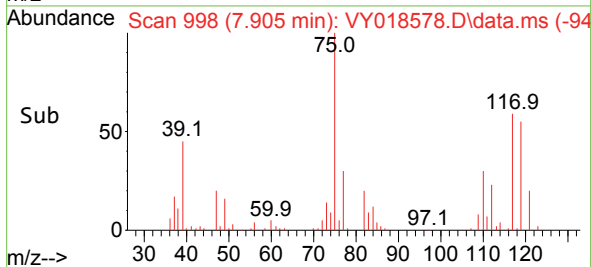
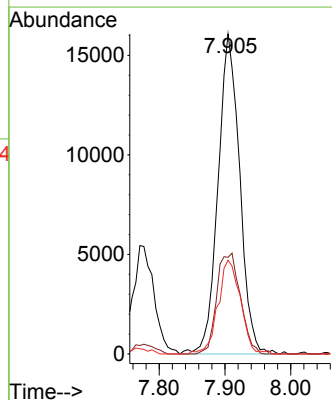
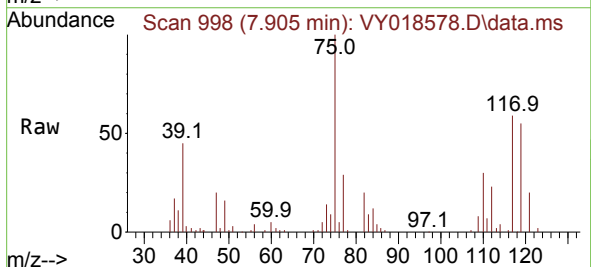
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

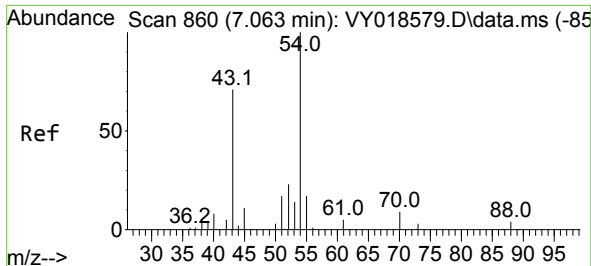
Tgt Ion:113 Resp: 27523
Ion Ratio Lower Upper
113 100
111 98.6 82.2 123.4
192 17.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 16.310 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion: 75 Resp: 36872
Ion Ratio Lower Upper
75 100
110 34.3 19.0 57.0
77 30.4 25.3 37.9

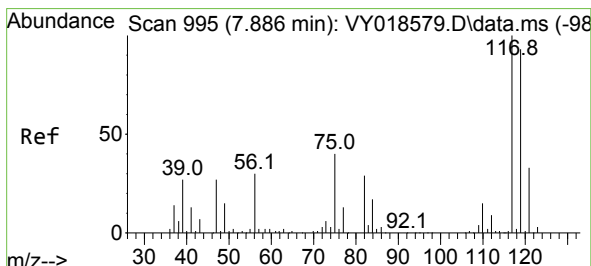
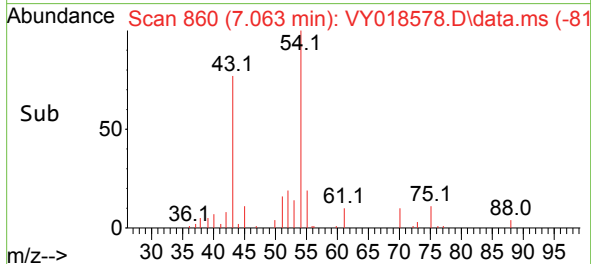
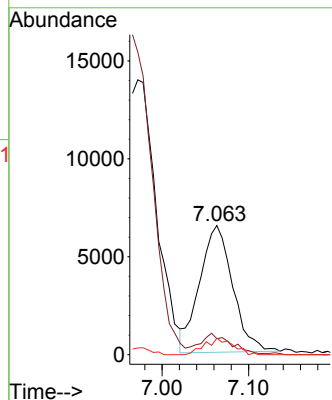
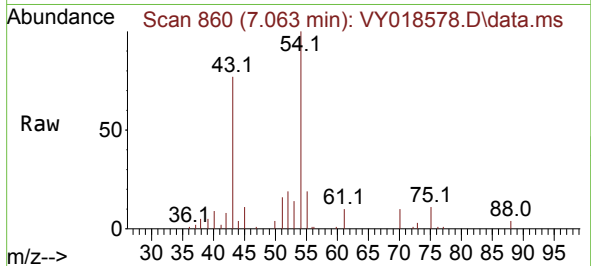




#37
Ethyl Acetate
Concen: 16.138 ug/l
RT: 7.063 min Scan# 860
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

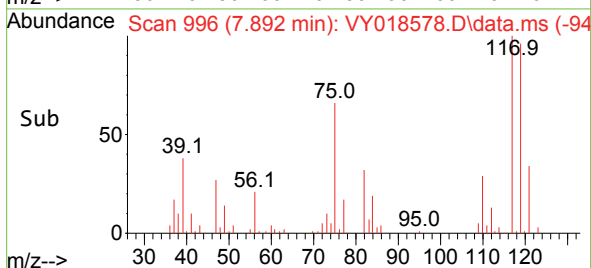
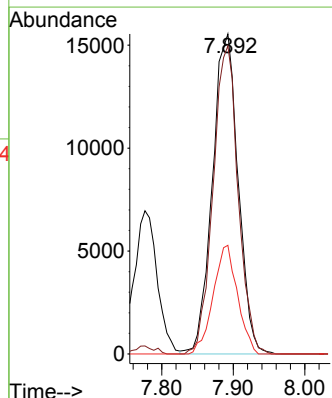
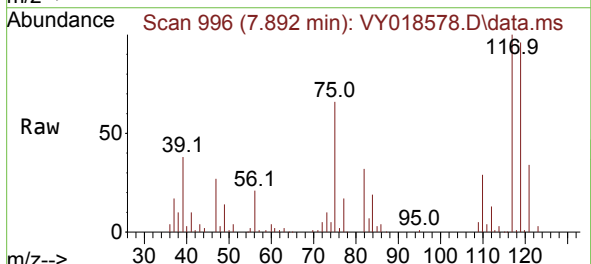
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

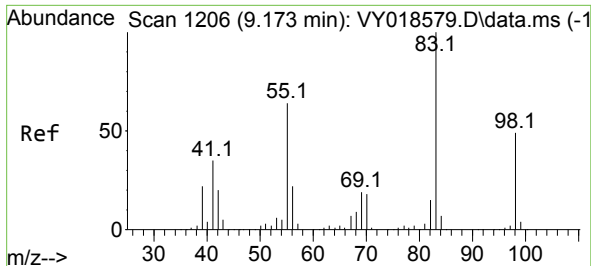
Tgt Ion:	43	Resp:	17198
Ion	Ratio	Lower	Upper
43	100		
61	13.5	12.6	19.0
70	11.1	7.8	11.8



#38
Carbon Tetrachloride
Concen: 16.429 ug/l
RT: 7.892 min Scan# 996
Delta R.T. 0.006 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion:	117	Resp:	38965
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.6
121	33.9	24.0	36.0





#39

Methylcyclohexane

Concen: 16.265 ug/l

RT: 9.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

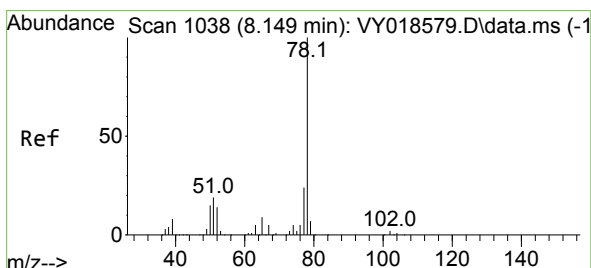
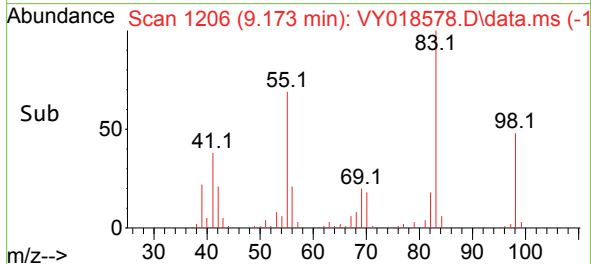
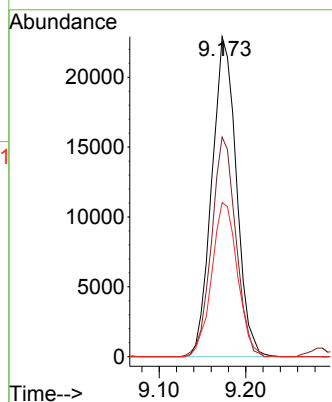
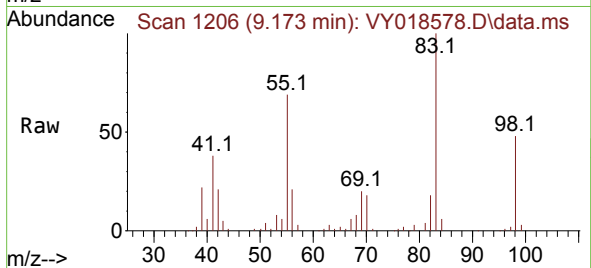
Tgt Ion: 83 Resp: 45054

Ion Ratio Lower Upper

83 100

55 68.6 51.5 77.3

98 48.2 40.5 60.7



#40

Benzene

Concen: 16.465 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY018578.D

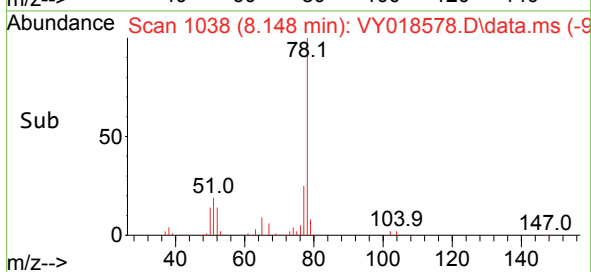
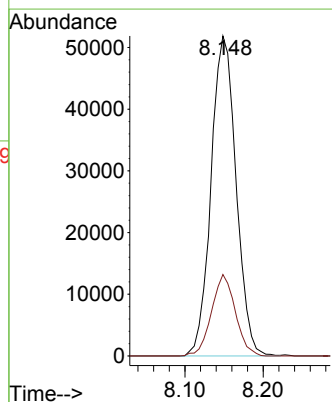
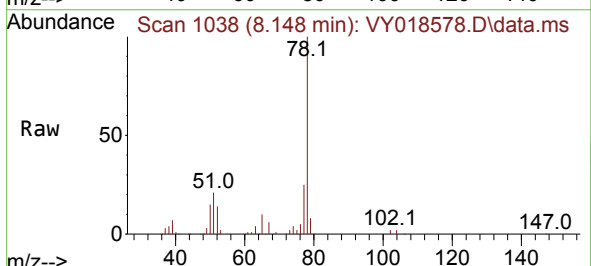
Acq: 13 Jun 2024 16:46

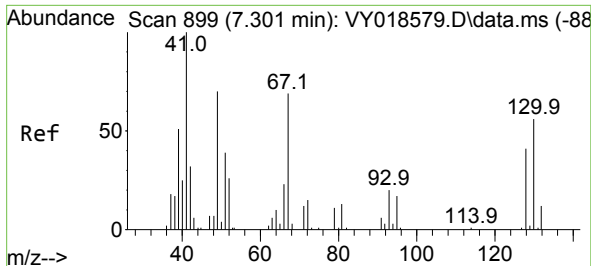
Tgt Ion: 78 Resp: 115118

Ion Ratio Lower Upper

78 100

77 25.4 19.5 29.3

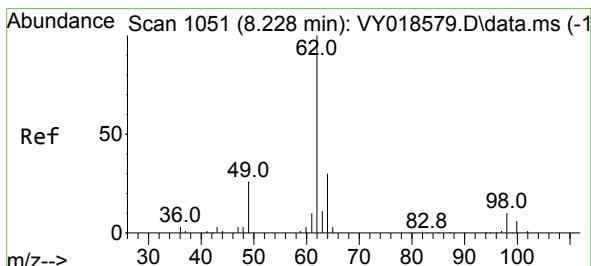
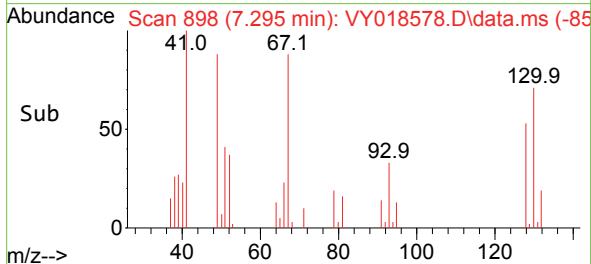
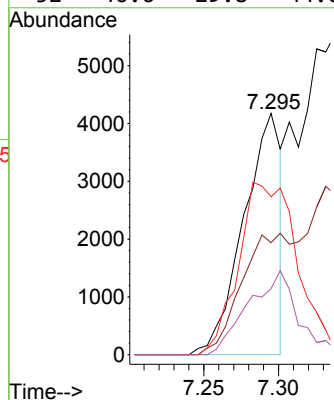
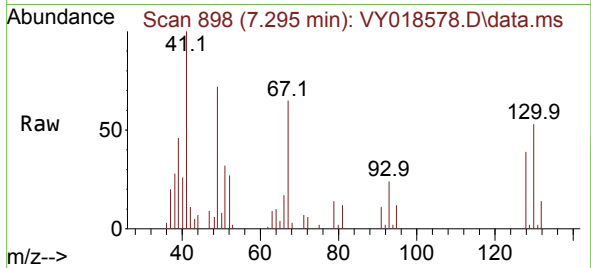




#41
Methacrylonitrile
Concen: 14.240 ug/l
RT: 7.295 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

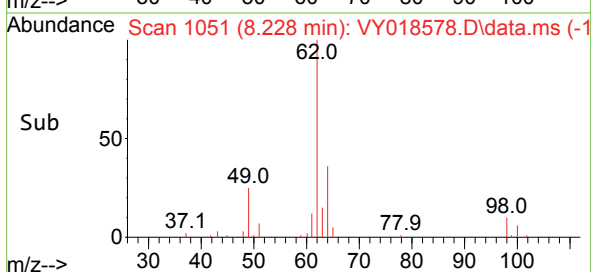
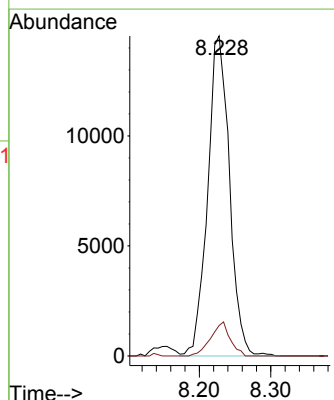
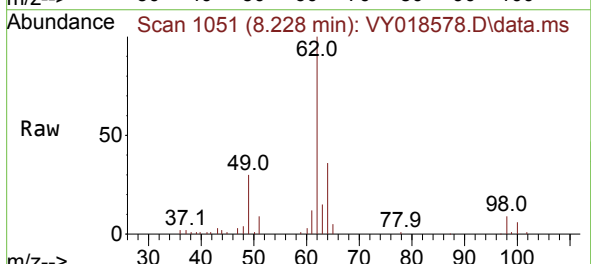
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

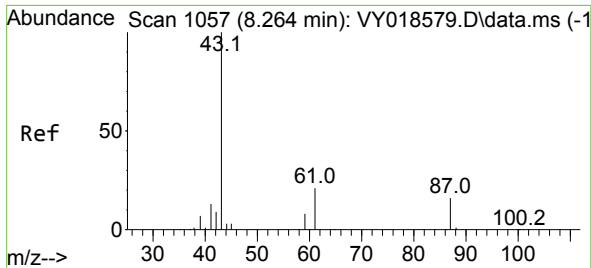
Tgt Ion: 41 Resp: 7302
Ion Ratio Lower Upper
41 100
39 64.2 48.0 72.0
67 112.4 75.1 112.7
52 46.6 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 16.940 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion: 62 Resp: 30899
Ion Ratio Lower Upper
62 100
98 9.4 0.0 22.0

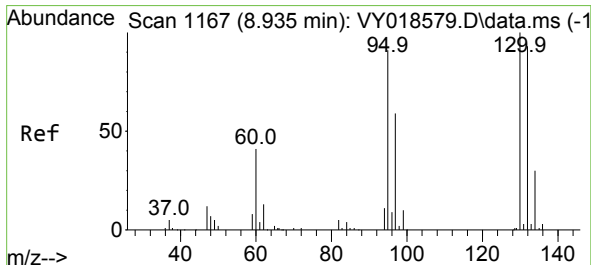
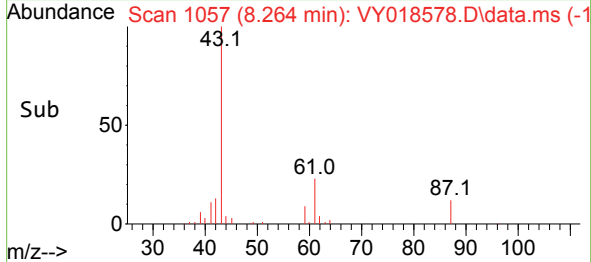
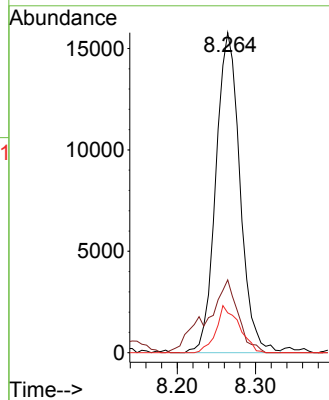
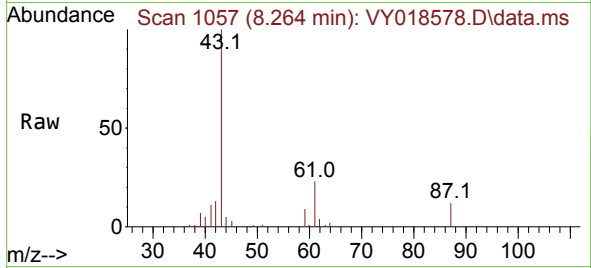




#43
Isopropyl Acetate
Concen: 16.959 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

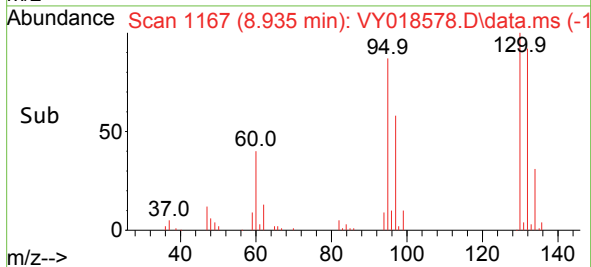
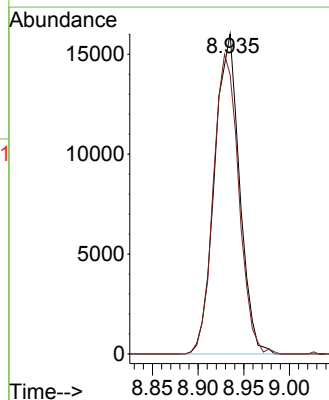
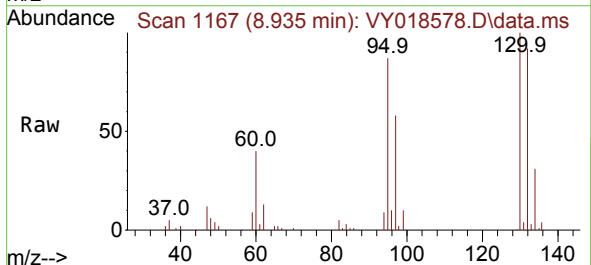
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

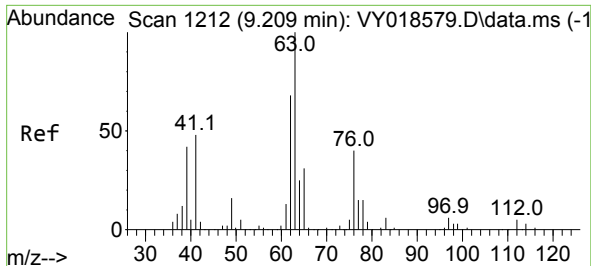
Tgt Ion: 43 Resp: 33734
Ion Ratio Lower Upper
43 100
61 22.3 27.9 41.9#
87 14.1 13.1 19.7



#44
Trichloroethene
Concen: 16.602 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion:130 Resp: 30390
Ion Ratio Lower Upper
130 100
95 87.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 16.808 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

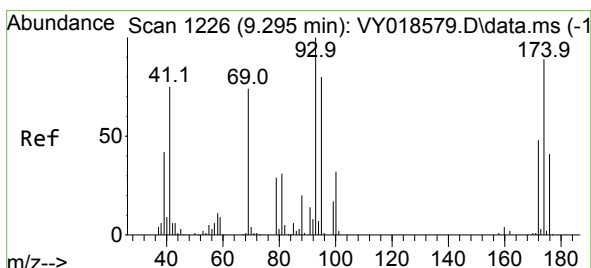
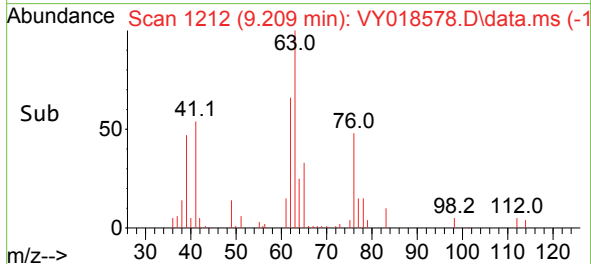
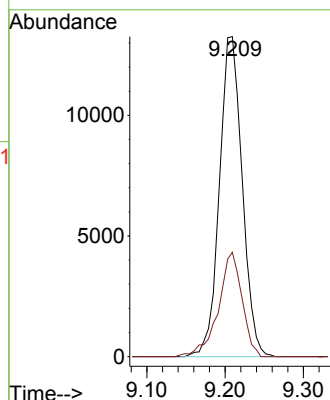
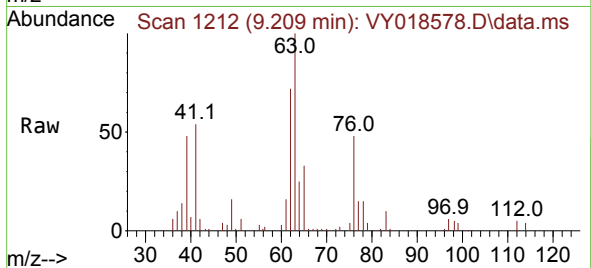
VSTDICC020

Tgt Ion: 63 Resp: 26871

Ion Ratio Lower Upper

63 100

65 32.6 25.4 38.2



#46

Dibromomethane

Concen: 16.659 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

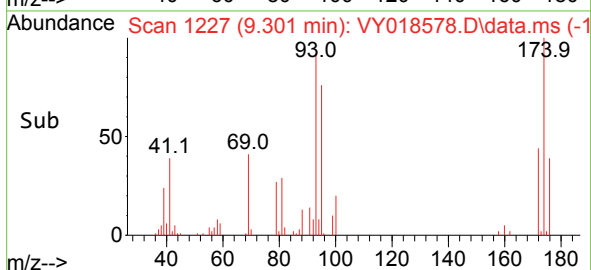
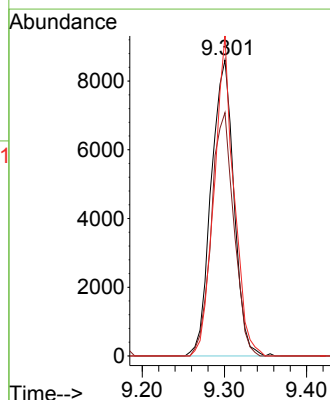
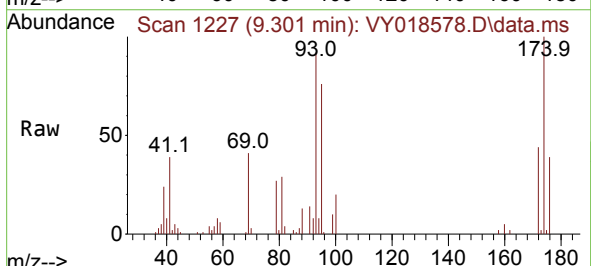
Tgt Ion: 93 Resp: 16525

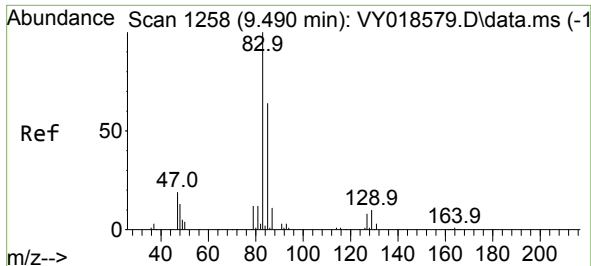
Ion Ratio Lower Upper

93 100

95 81.5 66.2 99.4

174 94.4 80.9 121.3

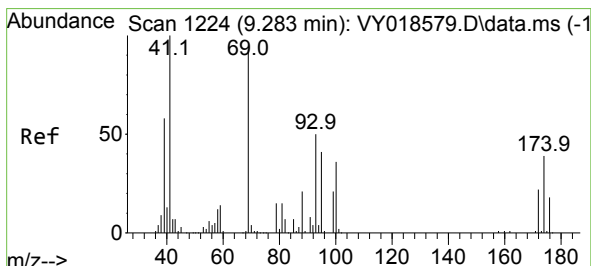
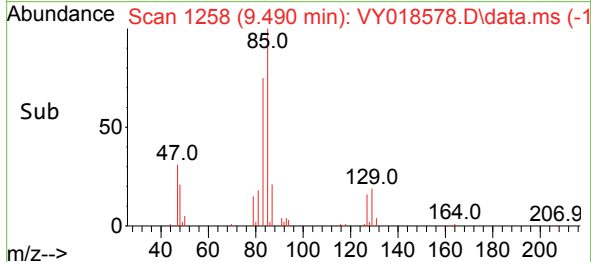
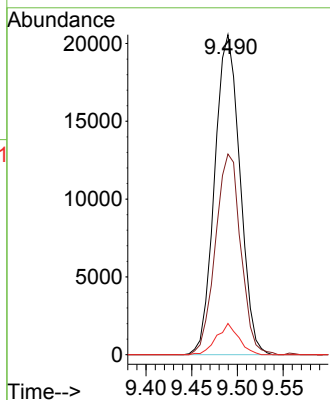
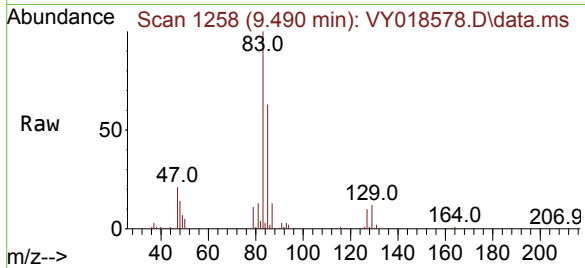




#47
Bromodichloromethane
Concen: 16.718 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

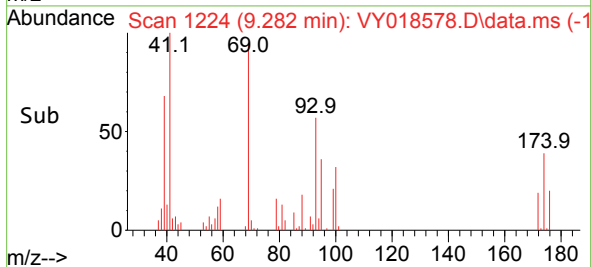
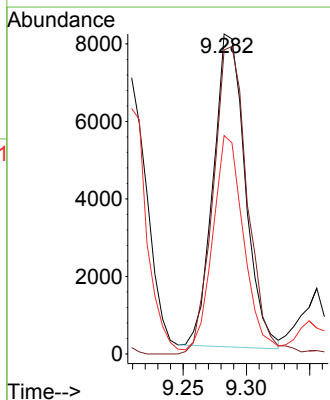
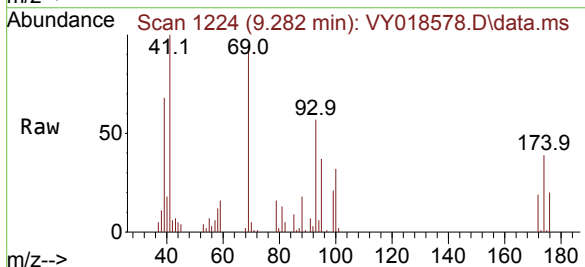
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

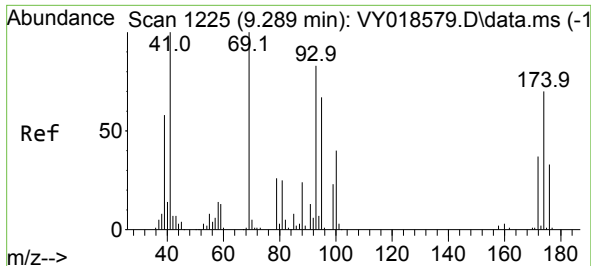
Tgt Ion: 83 Resp: 39582
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 9.8 7.4 11.0



#48
Methyl methacrylate
Concen: 15.818 ug/l
RT: 9.282 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion: 41 Resp: 14165
Ion Ratio Lower Upper
41 100
69 105.7 84.1 126.1
39 68.4 43.6 65.4#





#49

1,4-Dioxane

Concen: 307.138 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

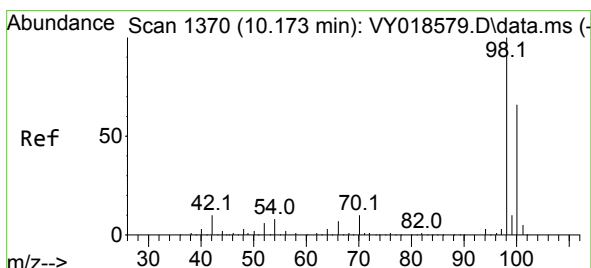
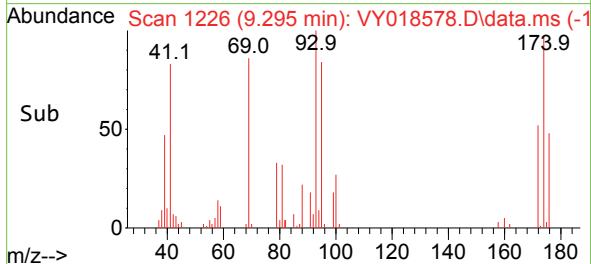
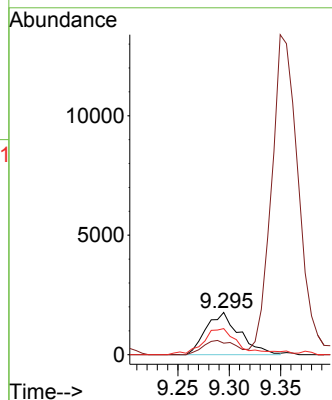
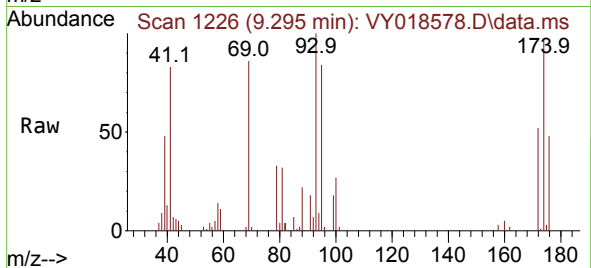
Tgt Ion: 88 Resp: 4007

Ion Ratio Lower Upper

88 100

43 31.4 0.0 0.0#

58 67.0 49.3 73.9



#50

Toluene-d8

Concen: 16.789 ug/l

RT: 10.172 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018578.D

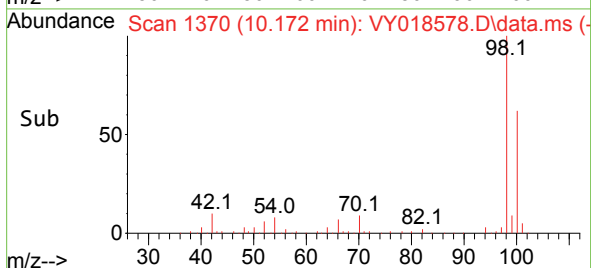
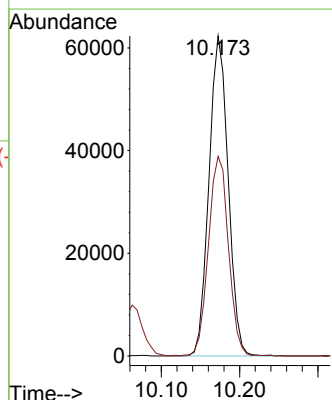
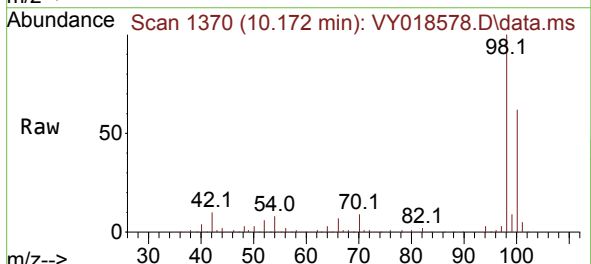
Acq: 13 Jun 2024 16:46

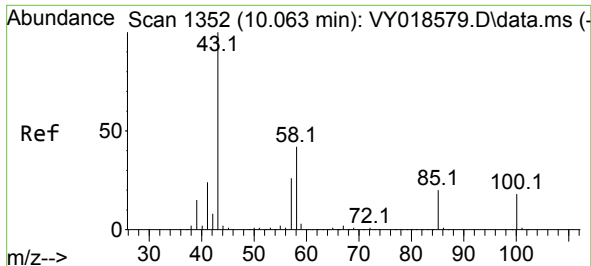
Tgt Ion: 98 Resp: 106039

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

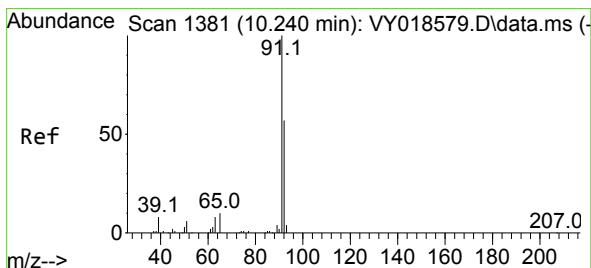
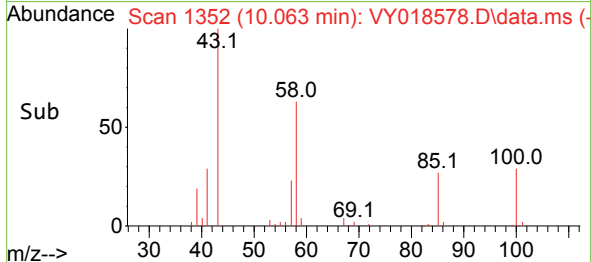
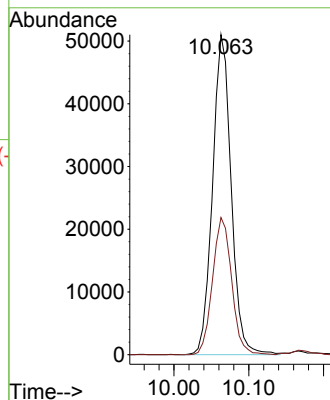
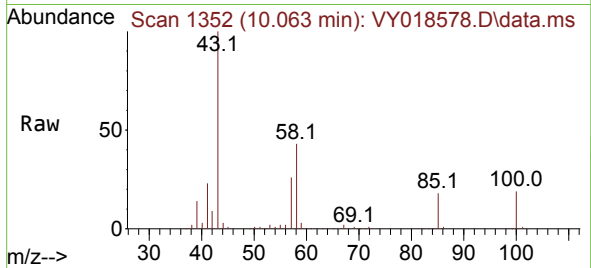




#51
4-Methyl-2-Pentanone
Concen: 84.262 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

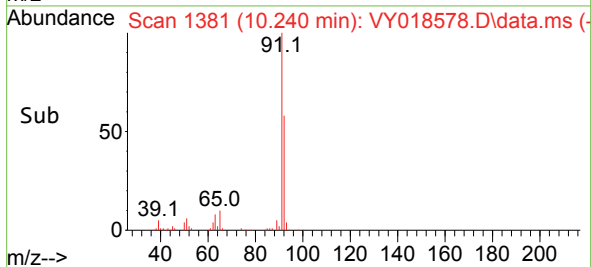
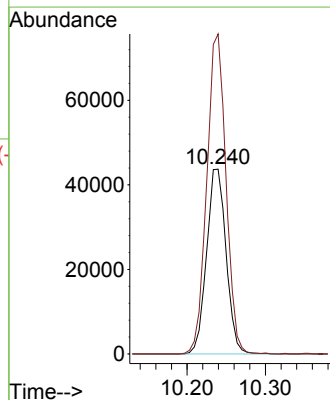
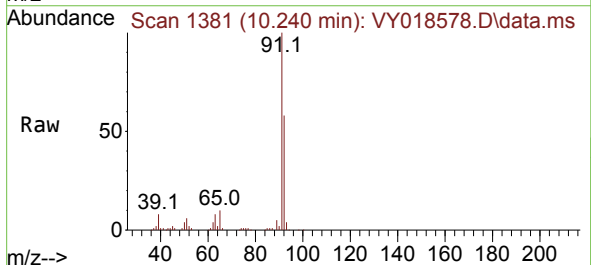
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

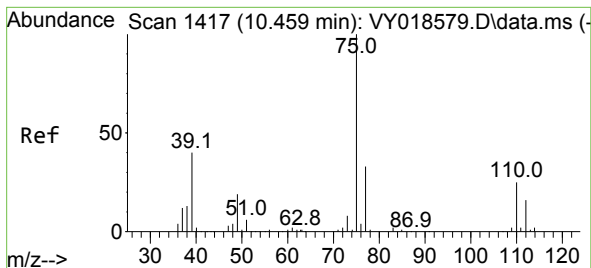
Tgt Ion: 43 Resp: 88285
Ion Ratio Lower Upper
43 100
58 44.0 35.7 53.5



#52
Toluene
Concen: 16.856 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion: 92 Resp: 75666
Ion Ratio Lower Upper
92 100
91 170.2 139.0 208.6

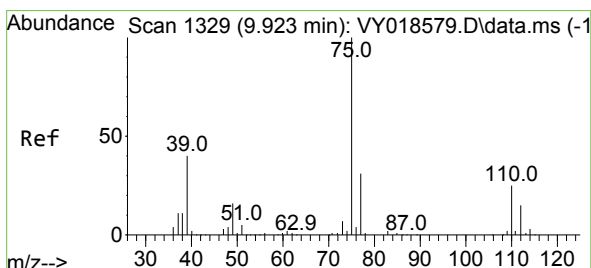
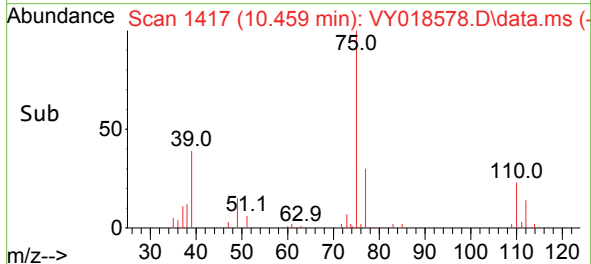
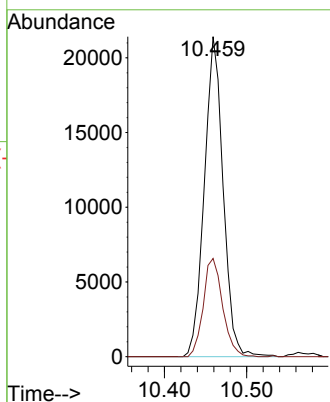
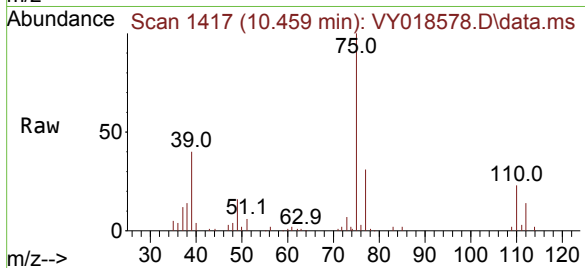




#53
 t-1,3-Dichloropropene
 Concen: 16.469 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VY018578.D
 Acq: 13 Jun 2024 16:46

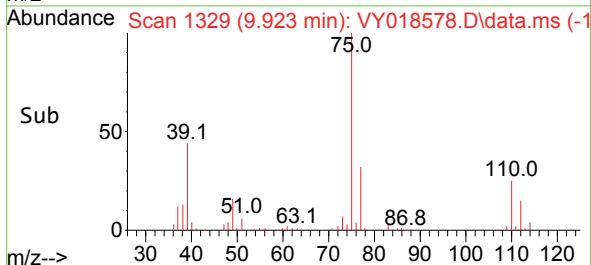
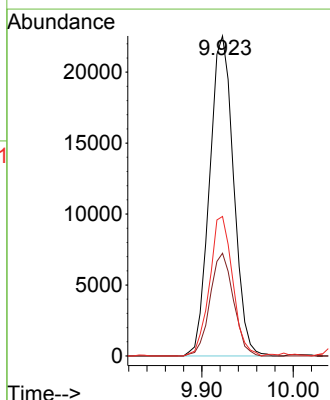
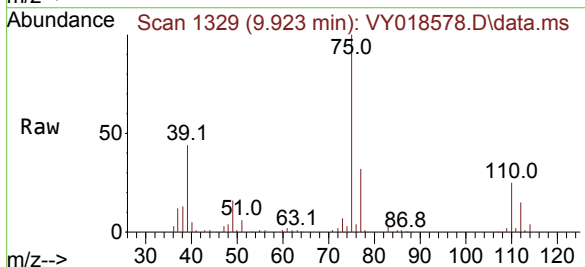
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

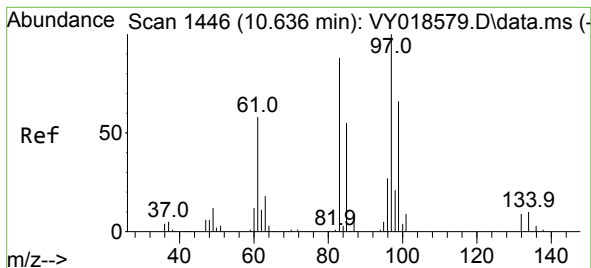
Tgt Ion: 75 Resp: 34074
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 16.450 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY018578.D
 Acq: 13 Jun 2024 16:46

Tgt Ion: 75 Resp: 41073
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0
 39 43.6 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 16.797 ug/l

RT: 10.636 min Scan# 1446

Delta R.T. -0.000 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 22162

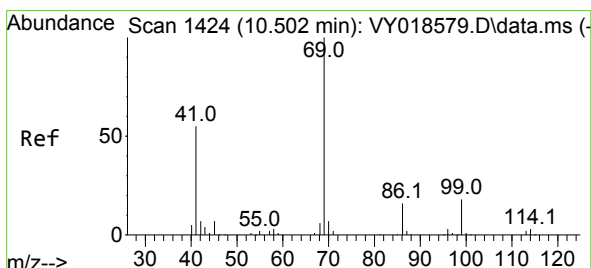
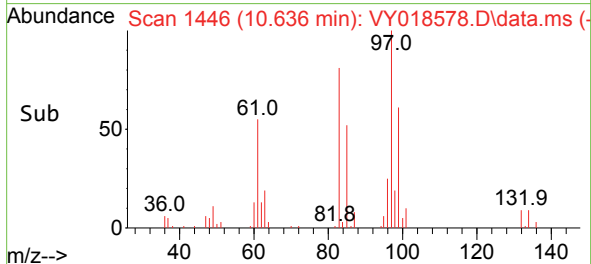
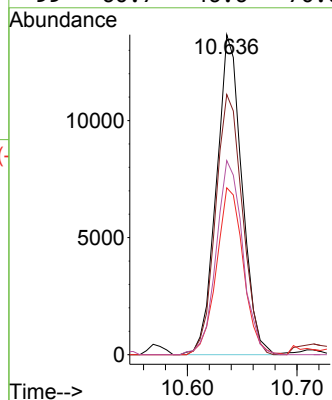
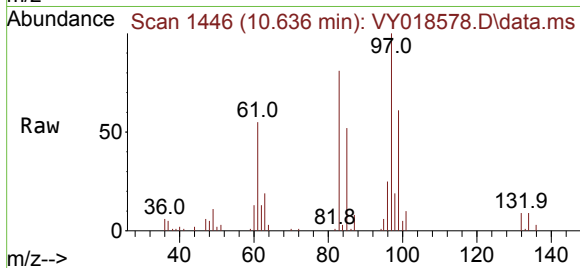
Ion Ratio Lower Upper

97 100

83 81.3 67.5 101.3

85 52.2 42.9 64.3

99 60.7 46.6 70.0



#56

Ethyl methacrylate

Concen: 16.434 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

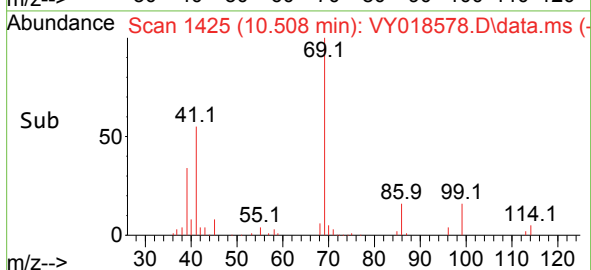
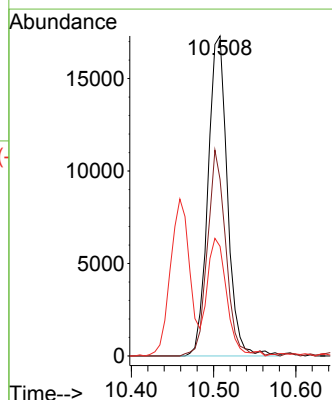
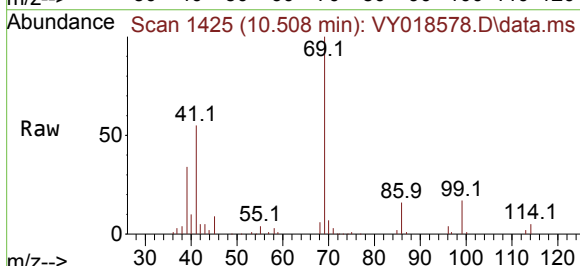
Tgt Ion: 69 Resp: 28374

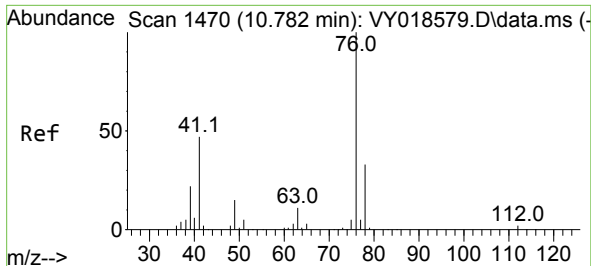
Ion Ratio Lower Upper

69 100

41 61.3 42.3 63.5

39 35.7 22.9 34.3#

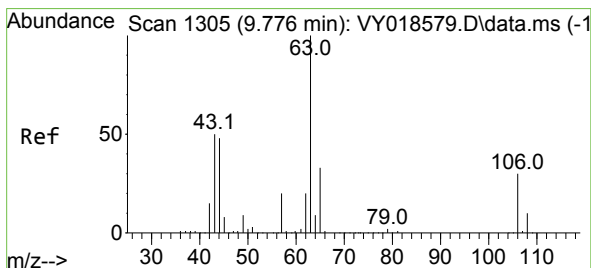
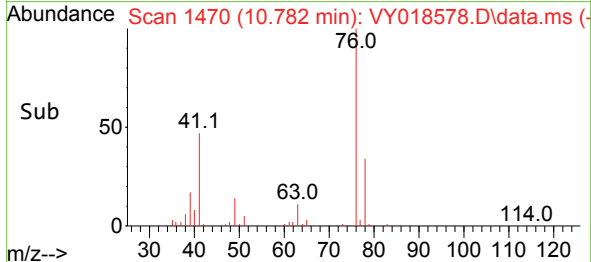
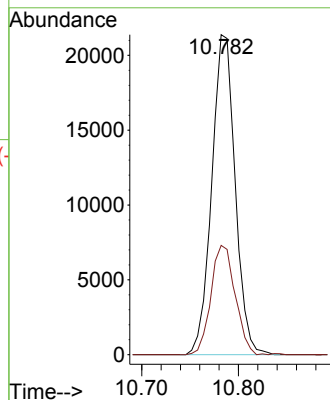
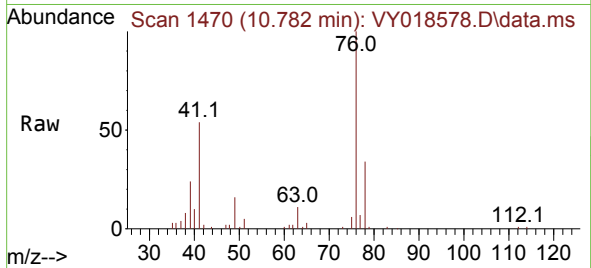




#57
 1,3-Dichloropropane
 Concen: 16.396 ug/l
 RT: 10.782 min Scan# 1470
 Delta R.T. -0.000 min
 Lab File: VY018578.D
 Acq: 13 Jun 2024 16:46

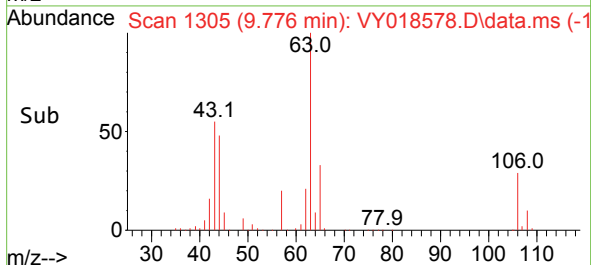
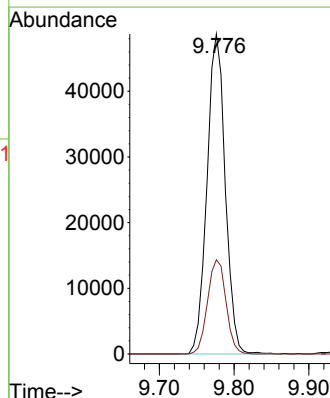
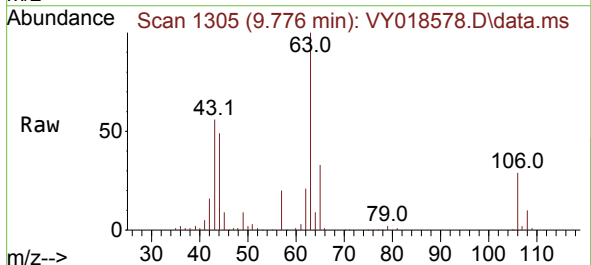
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

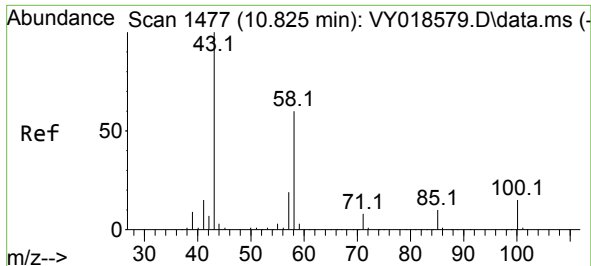
Tgt Ion: 76 Resp: 35936
 Ion Ratio Lower Upper
 76 100
 78 35.3 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.847 ug/l
 RT: 9.776 min Scan# 1305
 Delta R.T. -0.000 min
 Lab File: VY018578.D
 Acq: 13 Jun 2024 16:46

Tgt Ion: 63 Resp: 82388
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.7 35.5

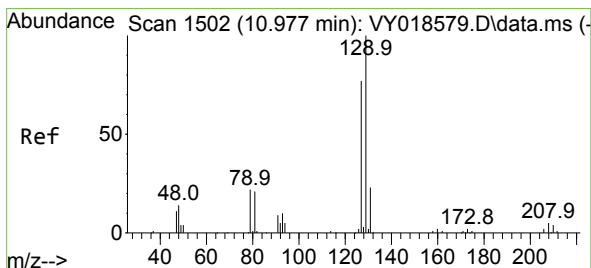
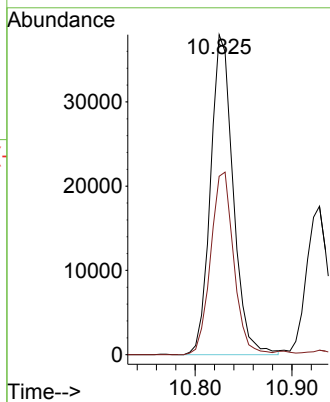
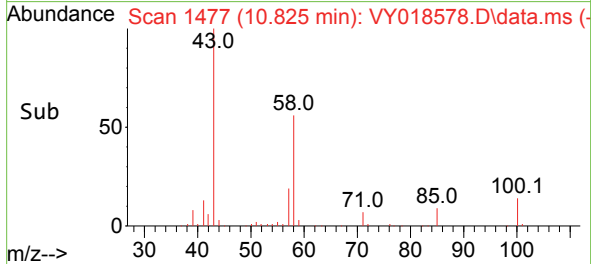
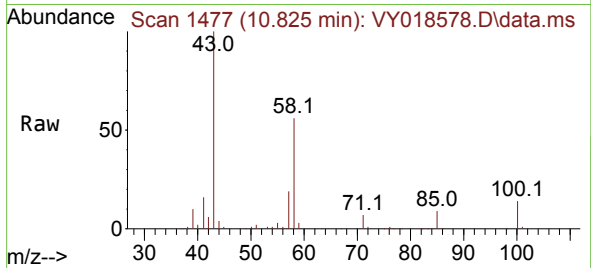




#59
2-Hexanone
Concen: 84.077 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

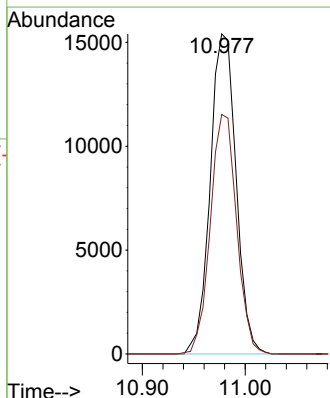
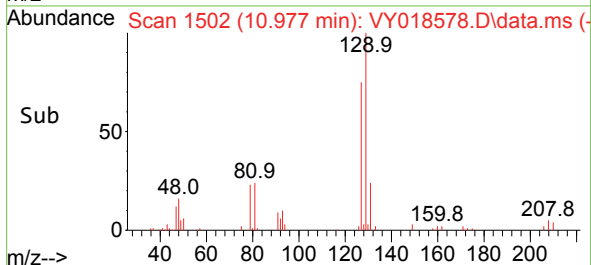
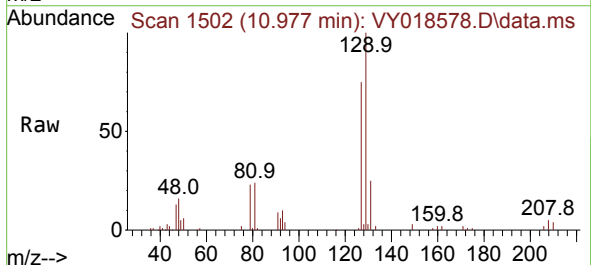
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

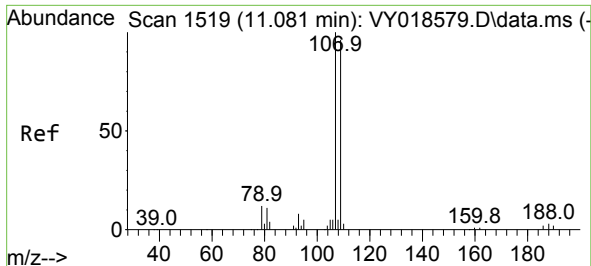
Tgt Ion: 43 Resp: 61705
Ion Ratio Lower Upper
43 100
58 58.3 31.4 94.0



#60
Dibromochloromethane
Concen: 16.442 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion: 129 Resp: 26948
Ion Ratio Lower Upper
129 100
127 75.7 39.0 117.0

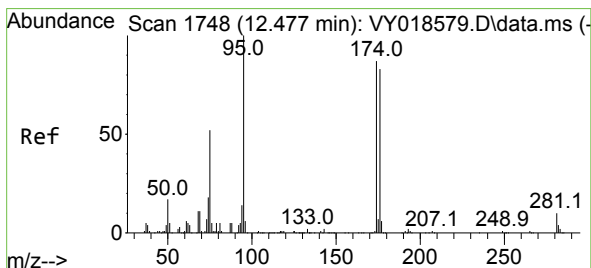
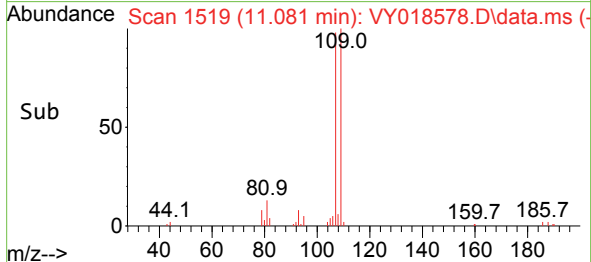
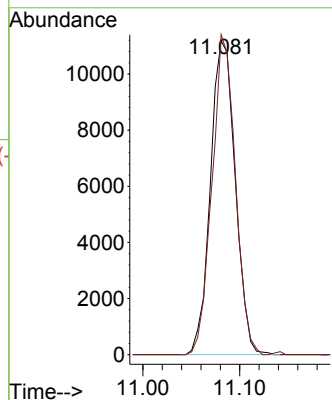
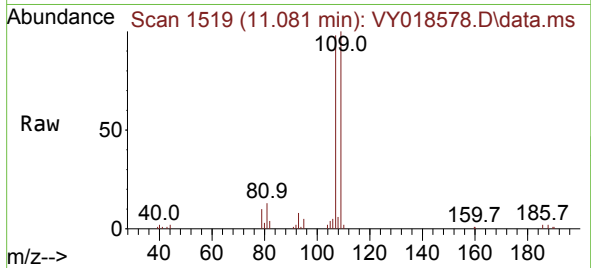




#61
1,2-Dibromoethane
Concen: 16.324 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

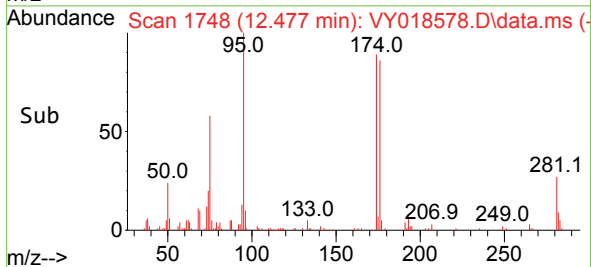
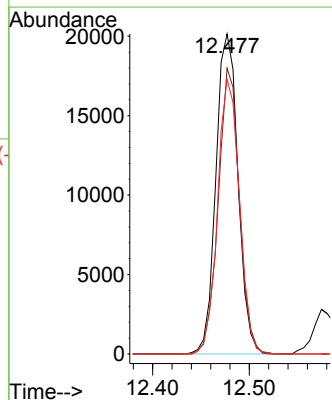
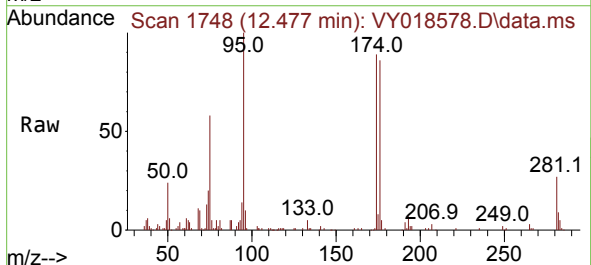
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

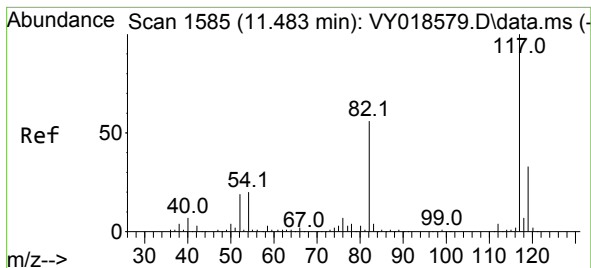
Tgt Ion:107 Resp: 19905
Ion Ratio Lower Upper
107 100
109 96.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 15.976 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion: 95 Resp: 31863
Ion Ratio Lower Upper
95 100
174 85.1 0.0 175.6
176 85.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

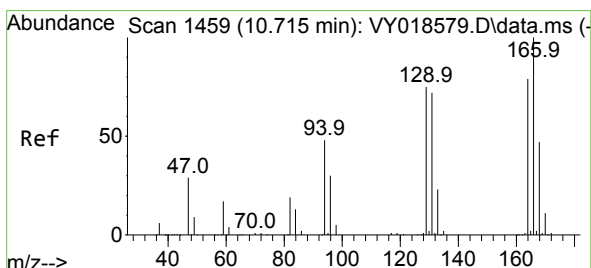
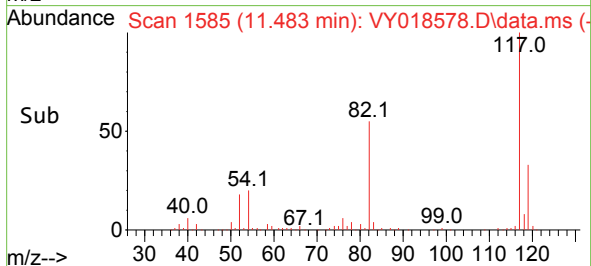
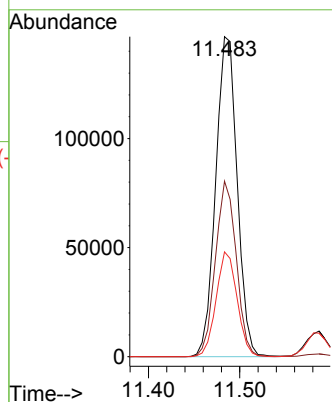
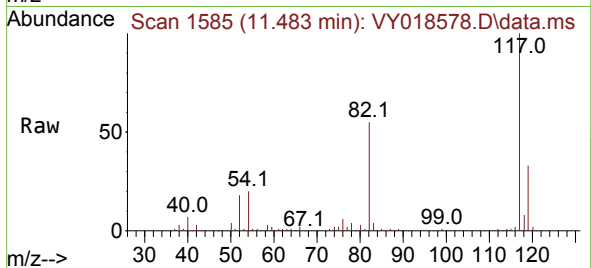
Tgt Ion:117 Resp: 239963

Ion Ratio Lower Upper

117 100

82 54.9 42.4 63.6

119 32.7 25.9 38.9



#64

Tetrachloroethene

Concen: 16.440 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

Tgt Ion:164 Resp: 28138

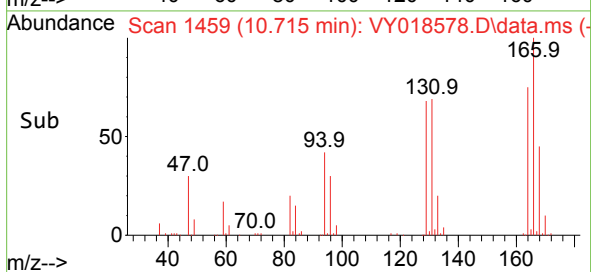
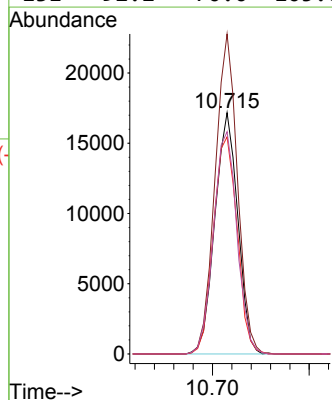
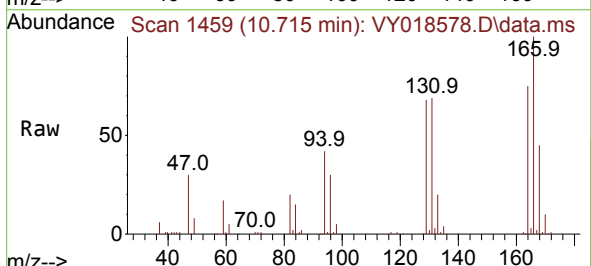
Ion Ratio Lower Upper

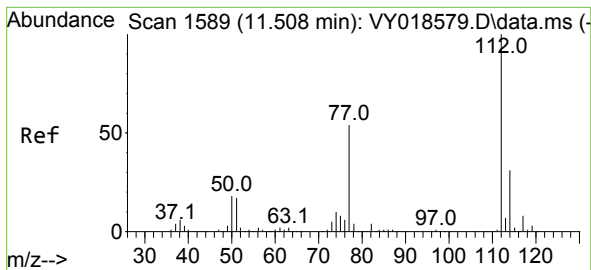
164 100

166 132.7 102.6 154.0

129 90.0 72.0 108.0

131 92.2 70.0 105.0

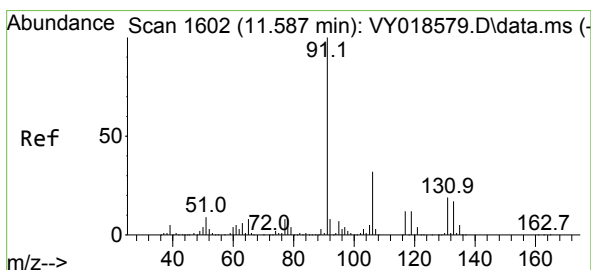
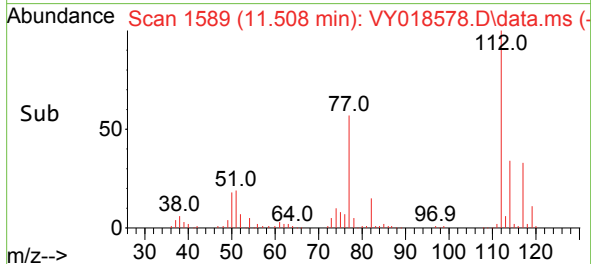
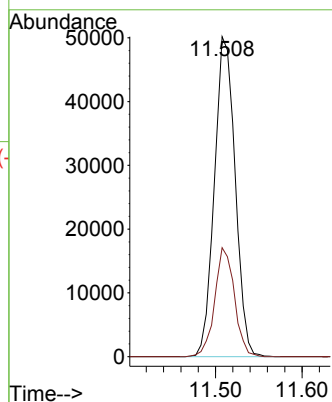
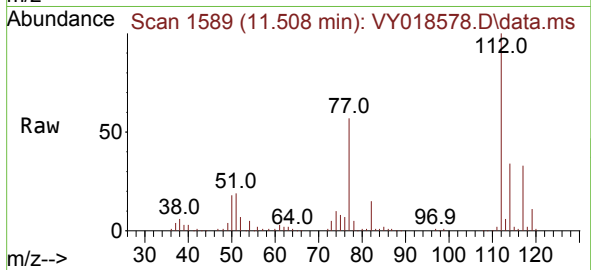




#65
Chlorobenzene
Concen: 16.851 ug/l
RT: 11.508 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

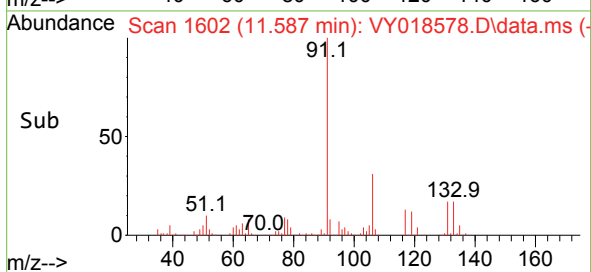
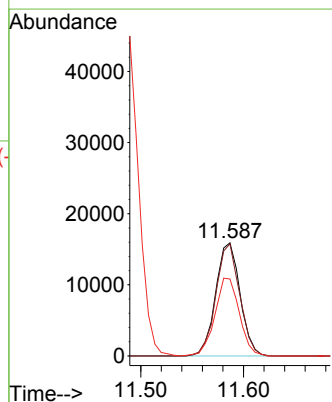
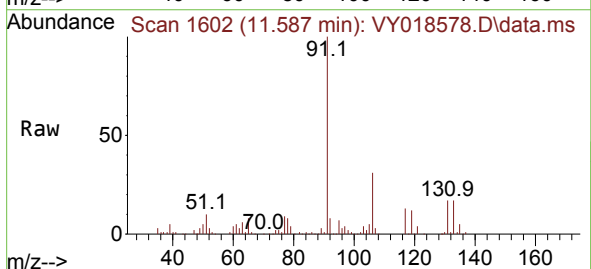
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

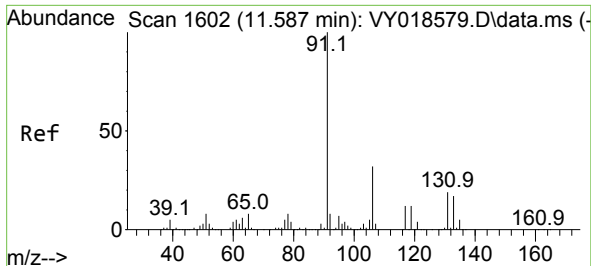
Tgt Ion:112 Resp: 83533
Ion Ratio Lower Upper
112 100
114 34.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 15.778 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion:131 Resp: 26211
Ion Ratio Lower Upper
131 100
133 96.6 47.8 143.3
119 68.9 34.1 102.2

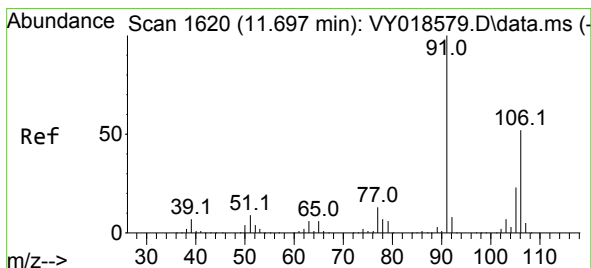
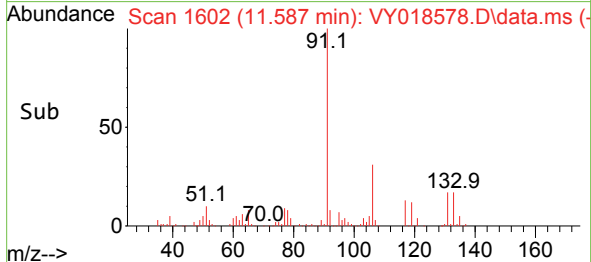
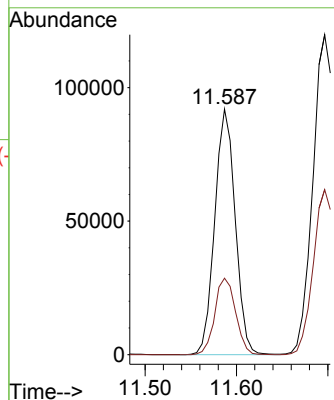
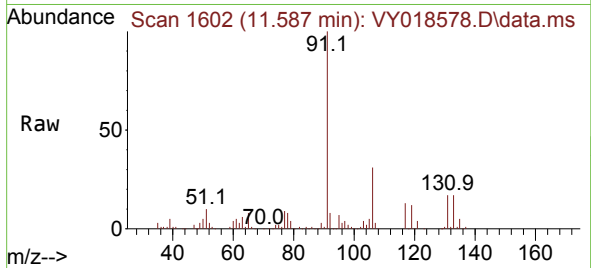




#67
Ethyl Benzene
Concen: 16.644 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

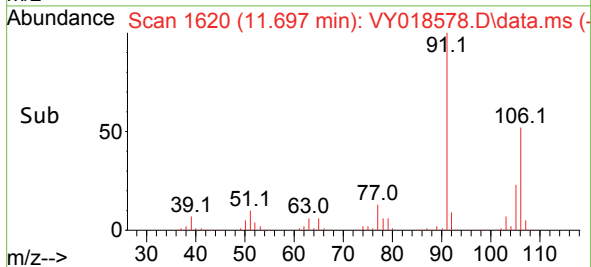
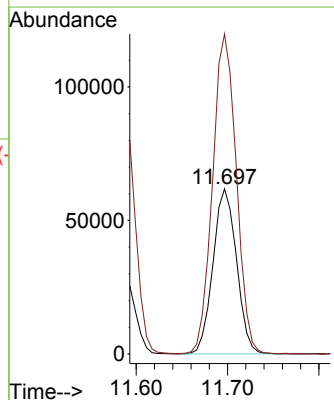
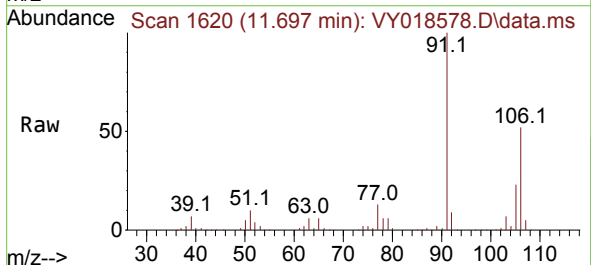
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

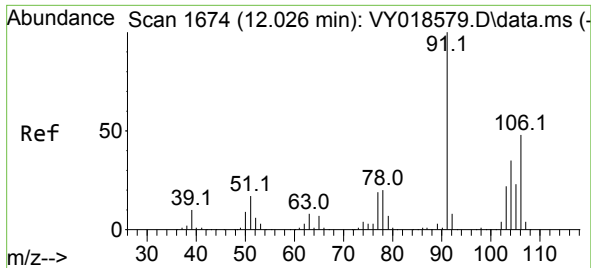
Tgt Ion: 91 Resp: 143160
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7



#68
m/p-Xylenes
Concen: 33.116 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion:106 Resp: 110835
Ion Ratio Lower Upper
106 100
91 195.2 156.0 234.0

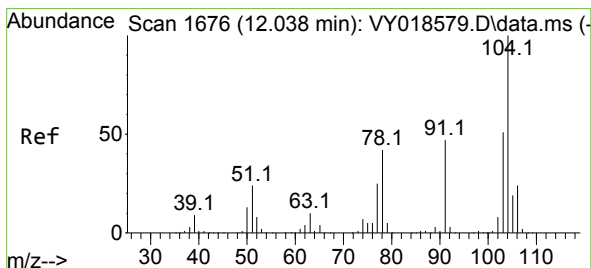
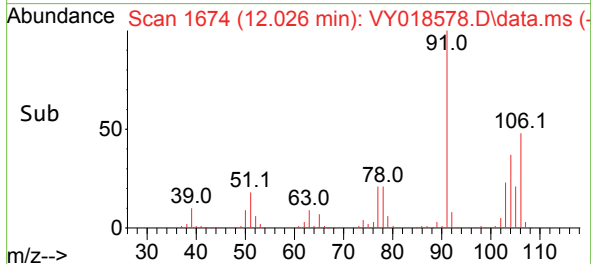
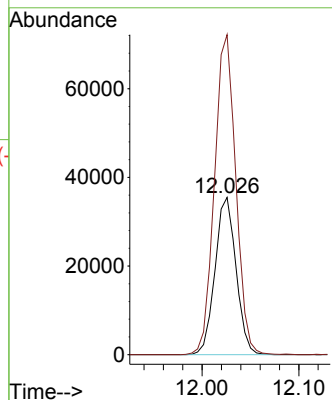
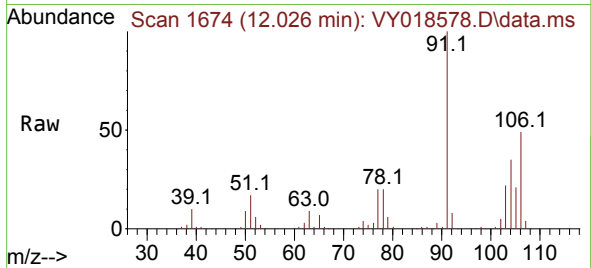




#69
o-Xylene
Concen: 16.626 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

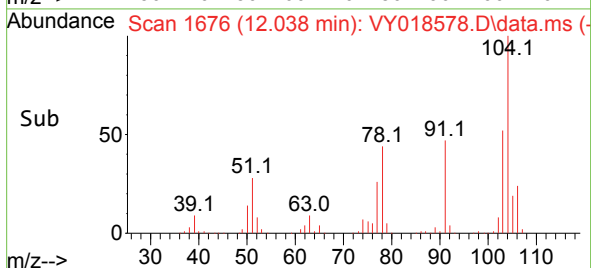
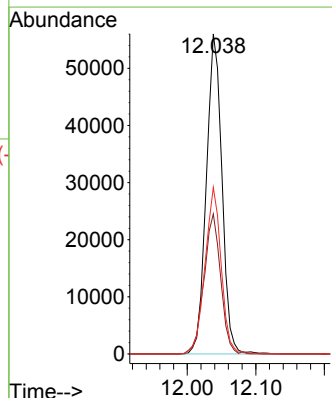
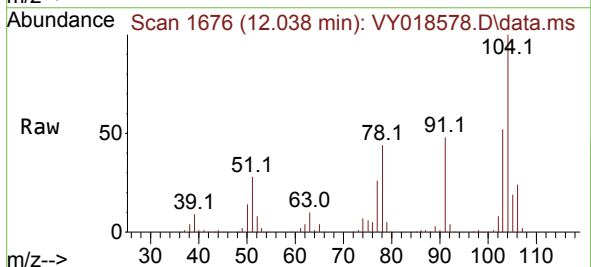
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

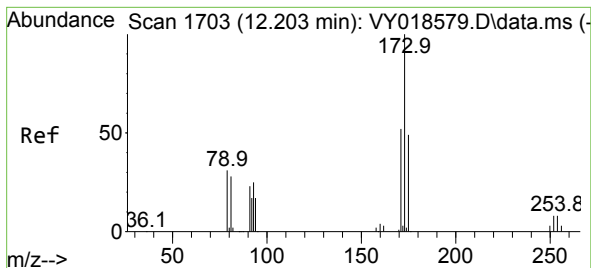
Tgt Ion:106 Resp: 53511
Ion Ratio Lower Upper
106 100
91 206.5 103.6 310.8



#70
Styrene
Concen: 16.725 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion:104 Resp: 88929
Ion Ratio Lower Upper
104 100
78 46.9 37.0 55.4
103 53.8 44.2 66.2





#71

Bromoform

Concen: 15.043 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

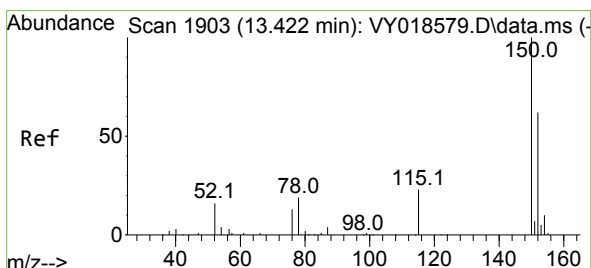
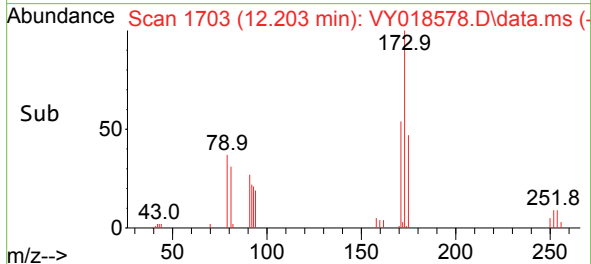
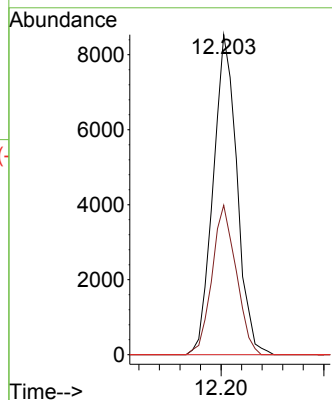
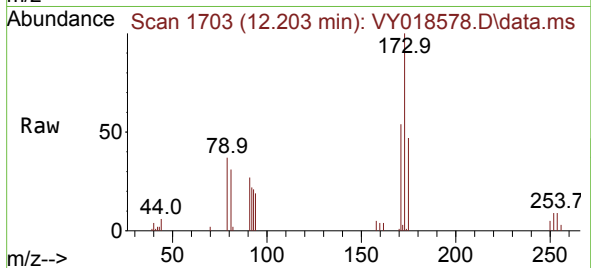
Tgt Ion:173 Resp: 13712

Ion Ratio Lower Upper

173 100

175 47.4 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: VY018578.D

Acq: 13 Jun 2024 16:46

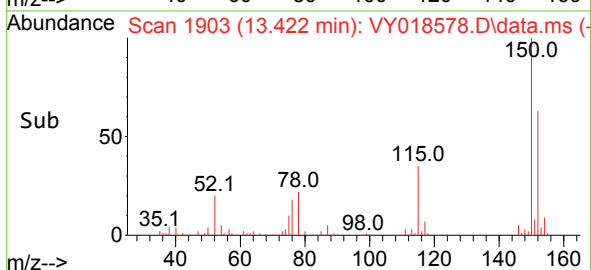
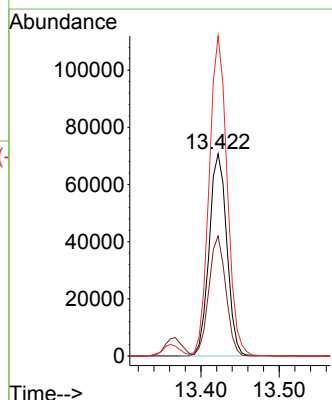
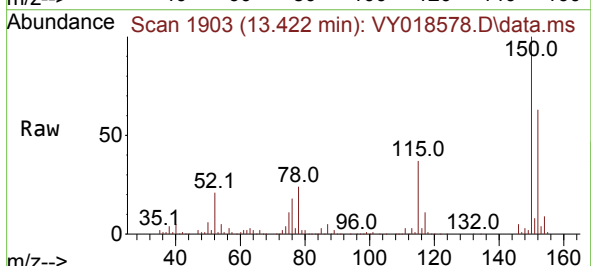
Tgt Ion:152 Resp: 110631

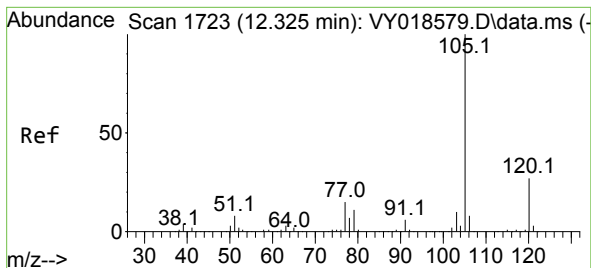
Ion Ratio Lower Upper

152 100

115 57.0 28.2 84.7

150 161.5 0.0 345.6





#73

Isopropylbenzene

Concen: 16.999 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

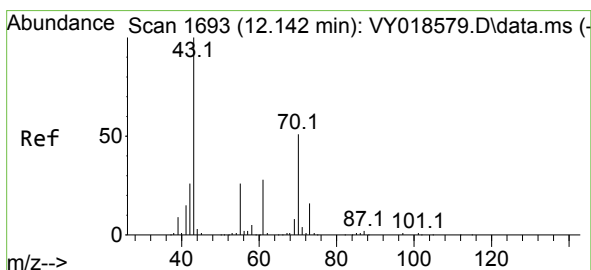
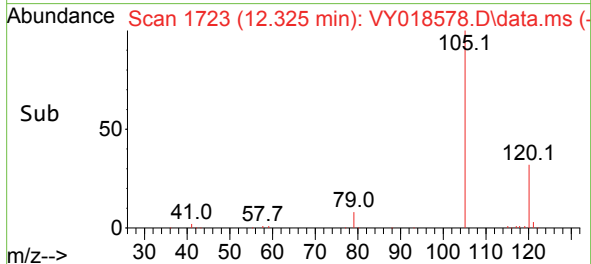
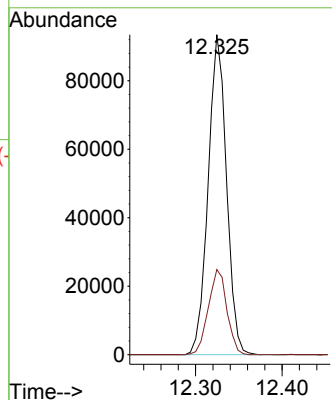
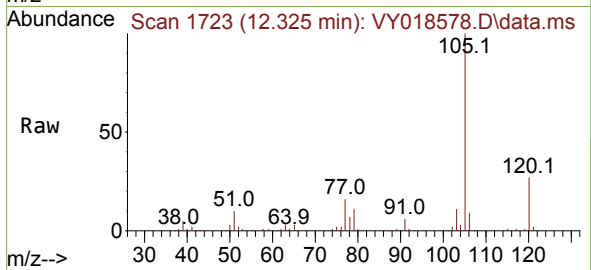
VSTDIC020

Tgt Ion:105 Resp: 137331

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.1



#74

N-ethyl acetate

Concen: 17.936 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

Tgt Ion: 43 Resp: 29672

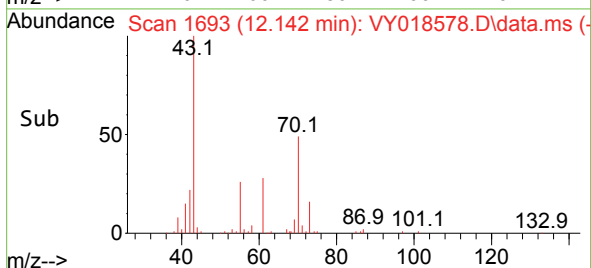
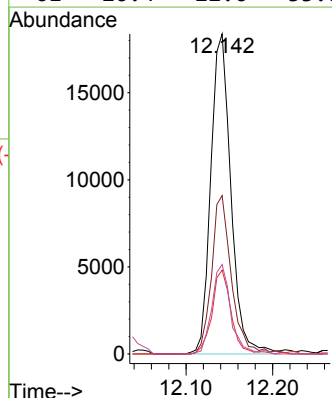
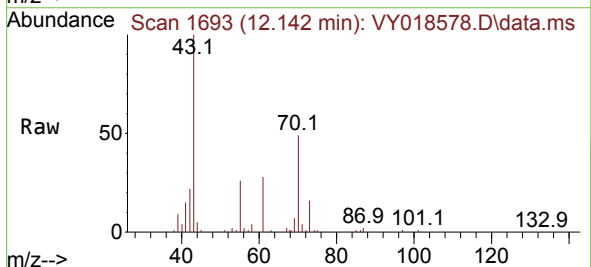
Ion Ratio Lower Upper

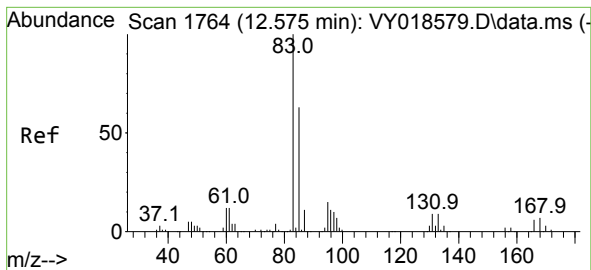
43 100

70 49.0 41.4 62.2

55 24.8 23.3 34.9

61 26.4 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 17.542 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.000 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

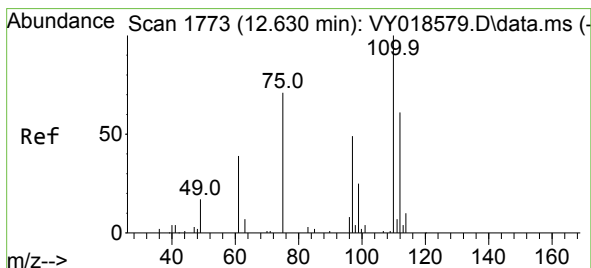
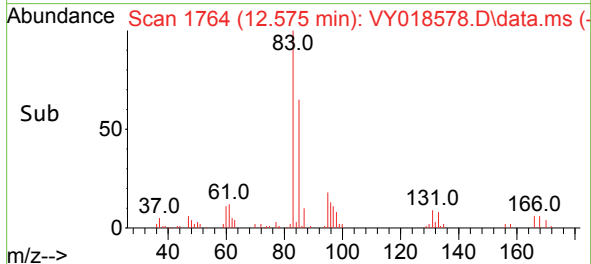
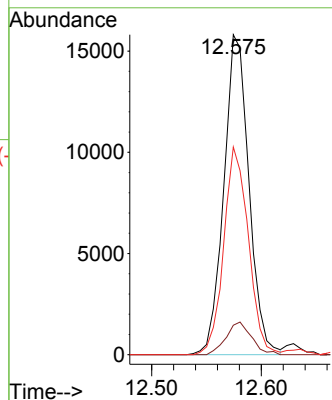
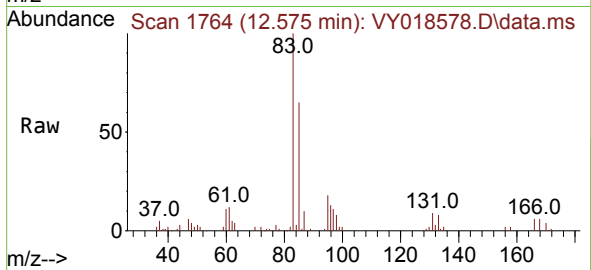
Tgt Ion: 83 Resp: 25163

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

85 63.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 27.163 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. -0.006 min

Lab File: VY018578.D

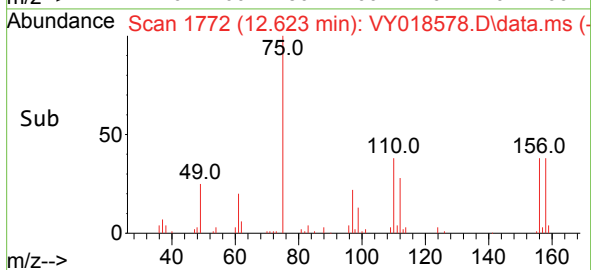
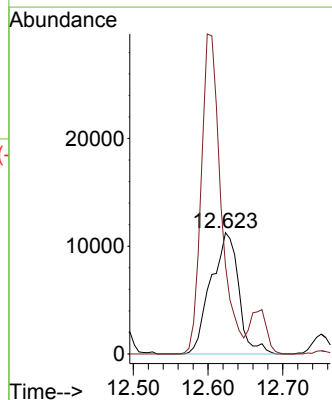
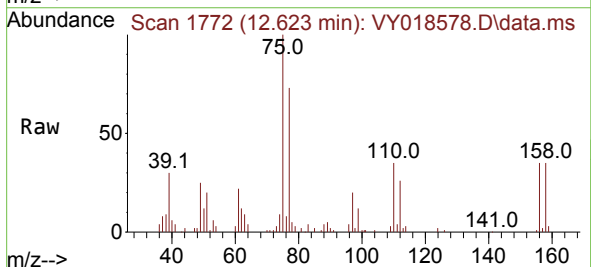
Acq: 13 Jun 2024 16:46

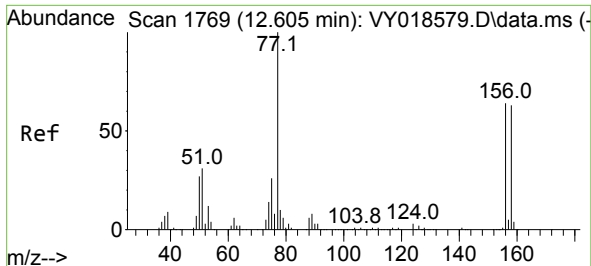
Tgt Ion: 75 Resp: 29105

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

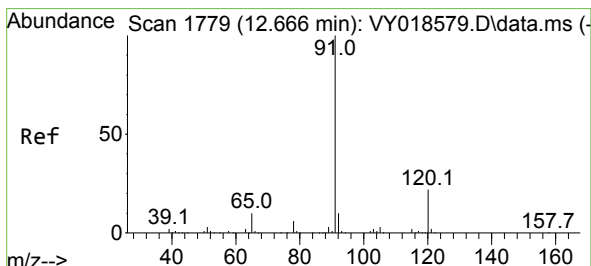
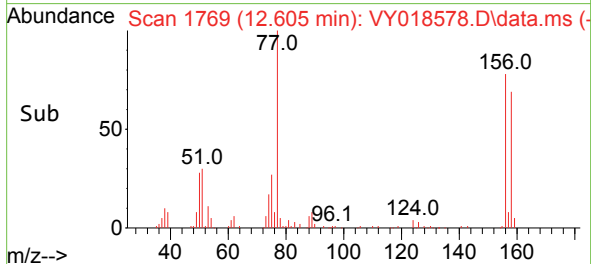
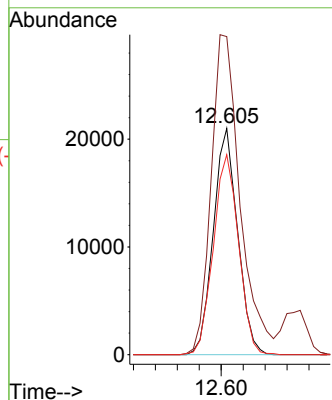
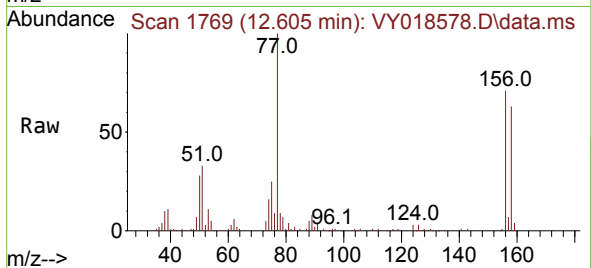




#77
Bromobenzene
Concen: 17.307 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

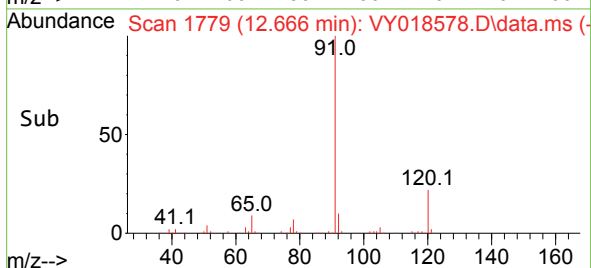
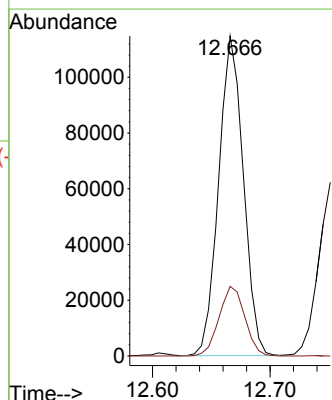
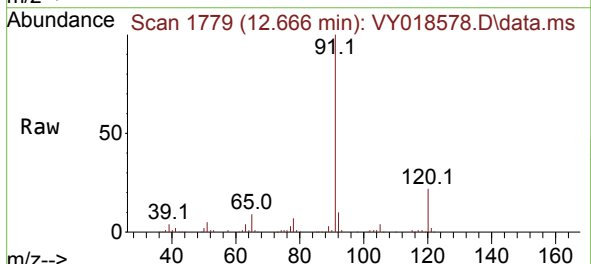
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

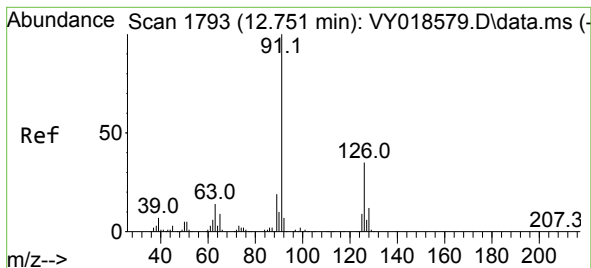
Tgt Ion:156 Resp: 32334
Ion Ratio Lower Upper
156 100
77 168.6 87.1 261.3
158 91.9 48.6 145.9



#78
n-propylbenzene
Concen: 17.739 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion: 91 Resp: 167712
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4

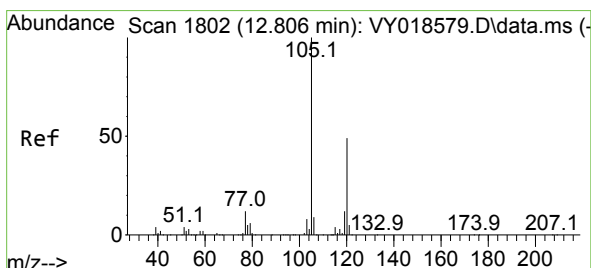
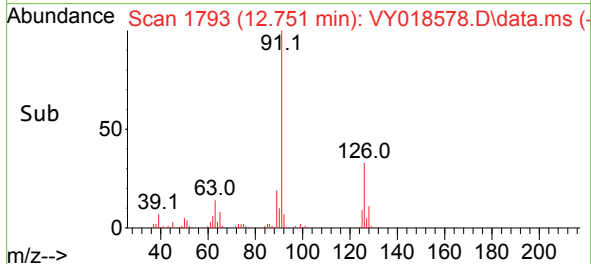
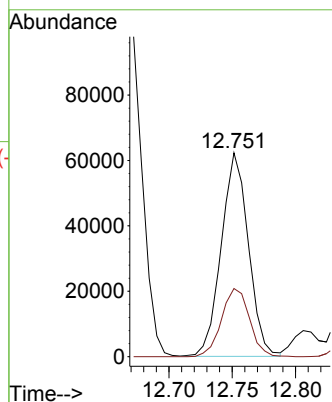
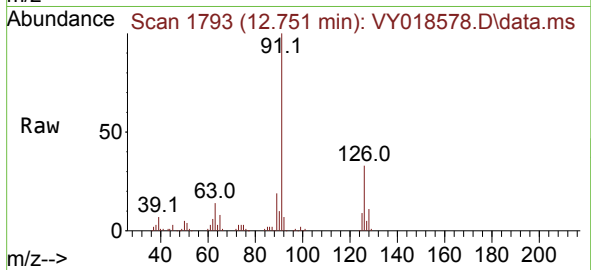




#79
2-Chlorotoluene
Concen: 17.439 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

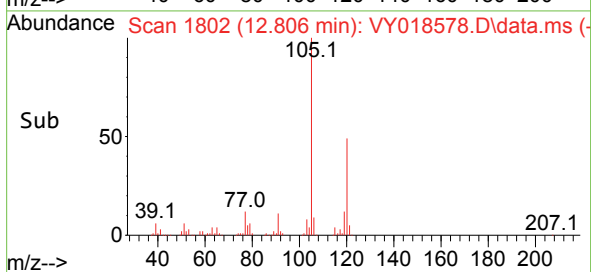
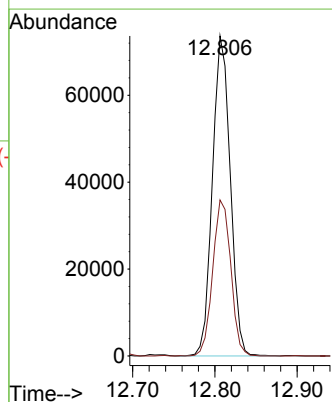
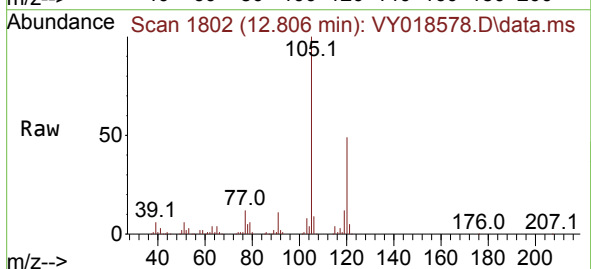
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

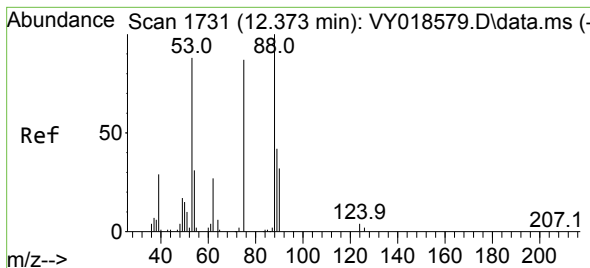
Tgt Ion: 91 Resp: 93070
Ion Ratio Lower Upper
91 100
126 34.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 17.375 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion:105 Resp: 111246
Ion Ratio Lower Upper
105 100
120 49.3 25.1 75.2

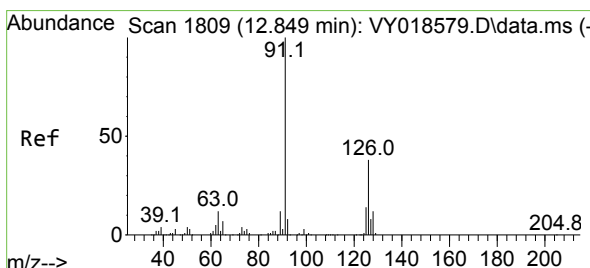
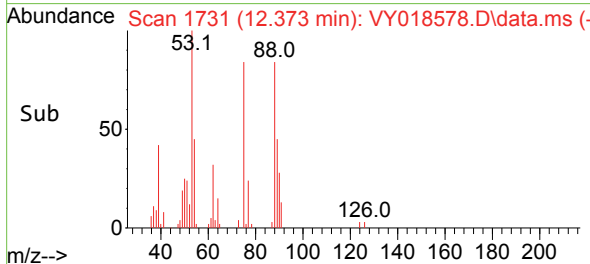
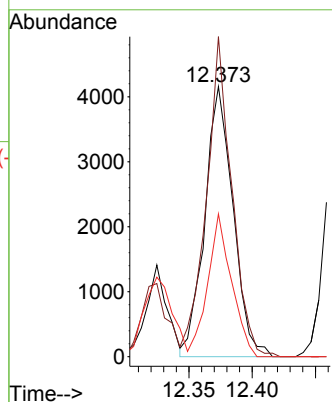
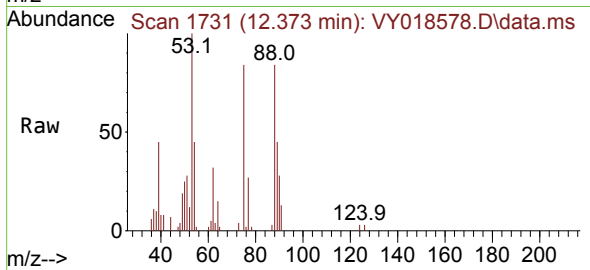




#81
trans-1,4-Dichloro-2-butene
Concen: 16.285 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

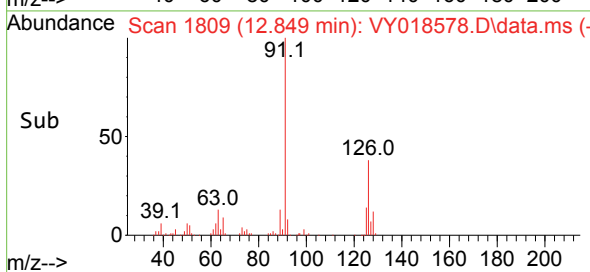
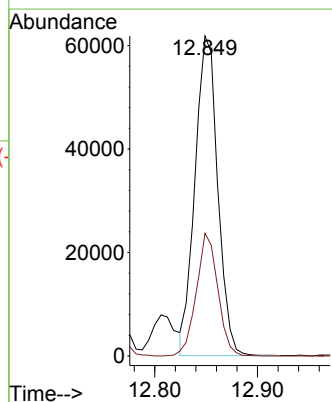
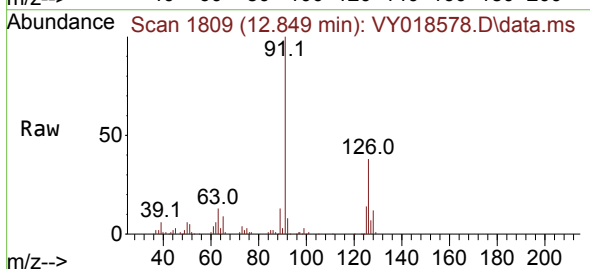
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

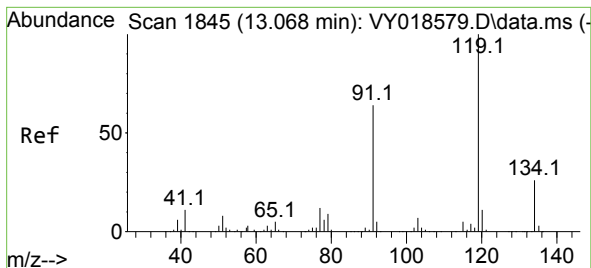
Tgt Ion: 75 Resp: 6452
Ion Ratio Lower Upper
75 100
53 106.9 66.8 100.2#
89 44.6 35.8 53.6



#82
4-Chlorotoluene
Concen: 17.673 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion: 91 Resp: 94981
Ion Ratio Lower Upper
91 100
126 36.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 17.342 ug/l

RT: 13.068 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

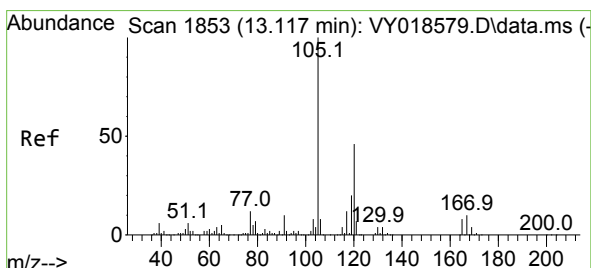
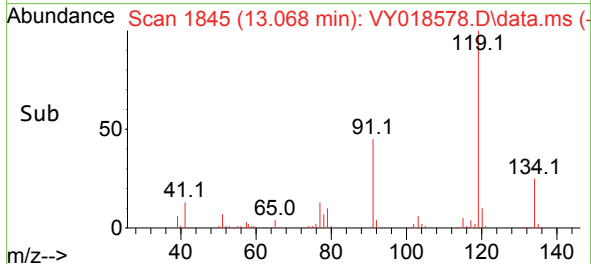
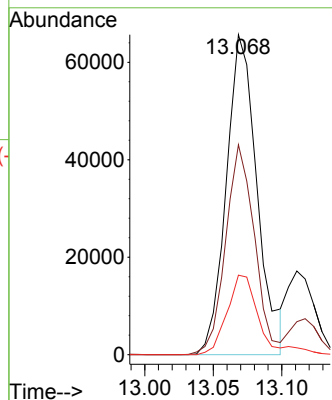
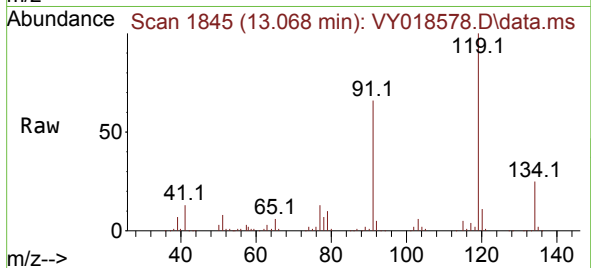
Tgt Ion:119 Resp: 102764

Ion Ratio Lower Upper

119 100

91 61.5 31.3 93.8

134 26.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 17.124 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY018578.D

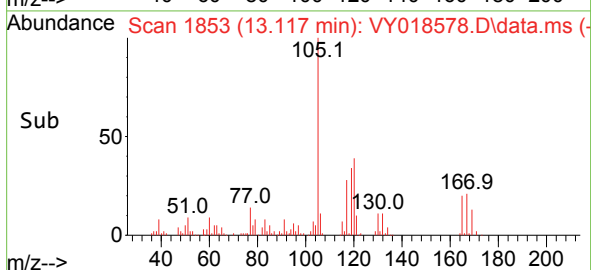
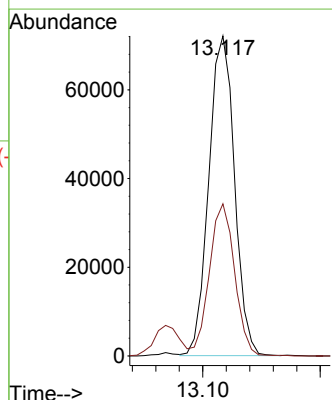
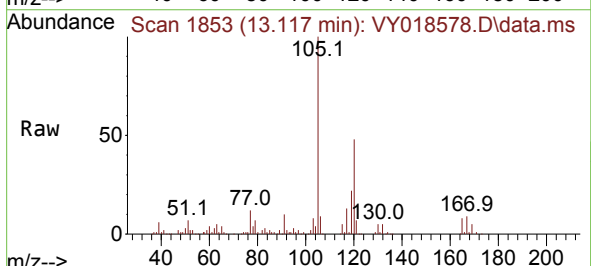
Acq: 13 Jun 2024 16:46

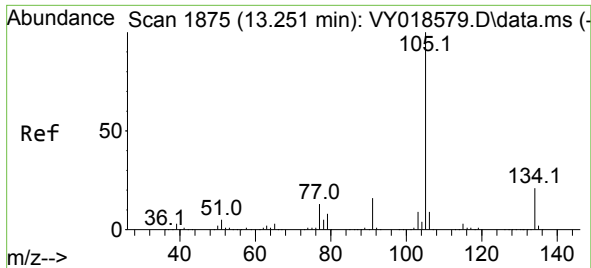
Tgt Ion:105 Resp: 109585

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.6

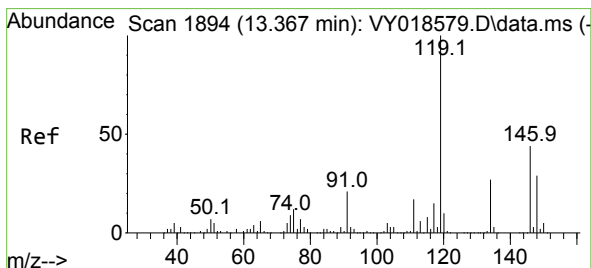
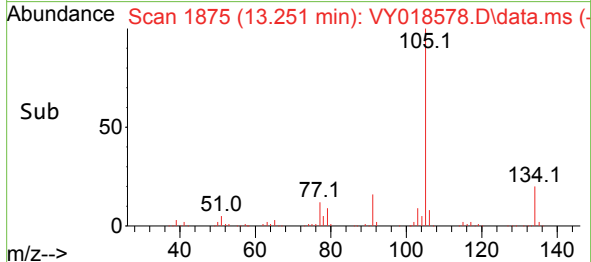
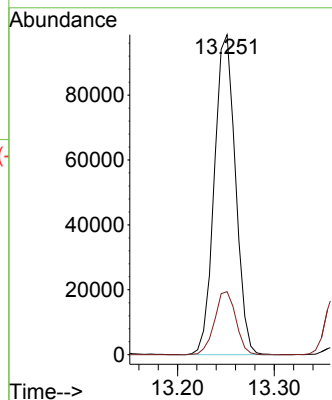
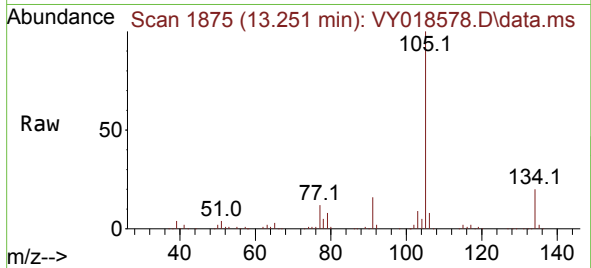




#85
 sec-Butylbenzene
 Concen: 17.697 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY018578.D
 Acq: 13 Jun 2024 16:46

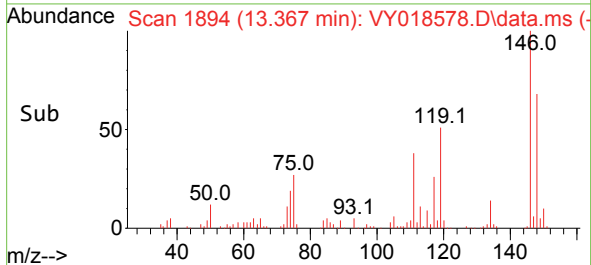
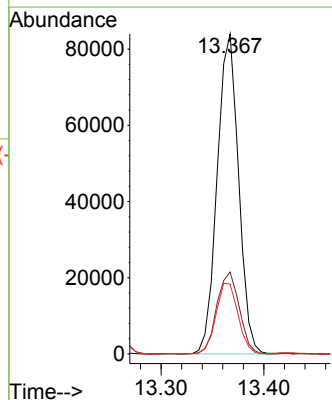
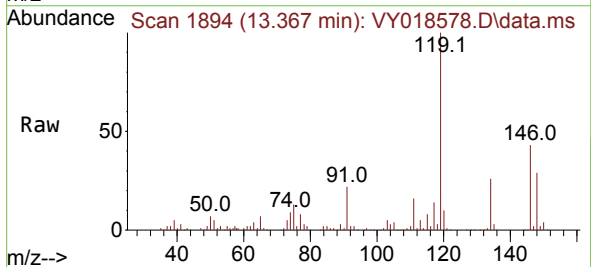
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

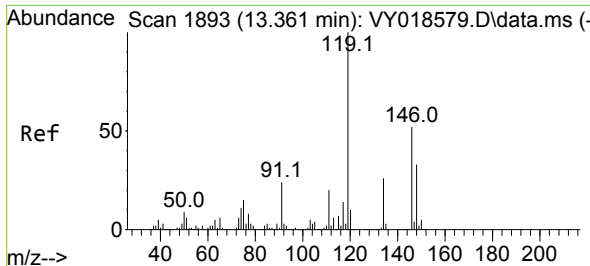
Tgt Ion:105 Resp: 149571
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 16.914 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY018578.D
 Acq: 13 Jun 2024 16:46

Tgt Ion:119 Resp: 121191
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.3
 91 22.9 10.7 32.1

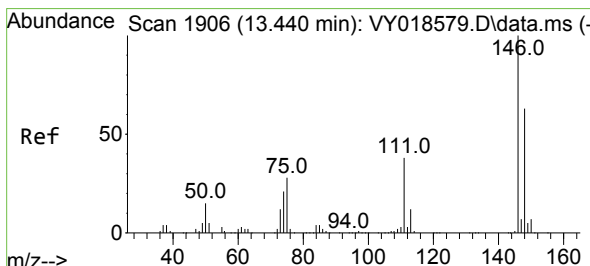
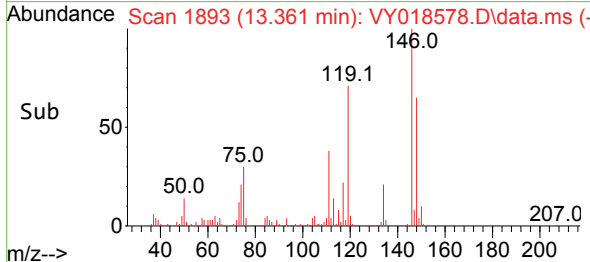
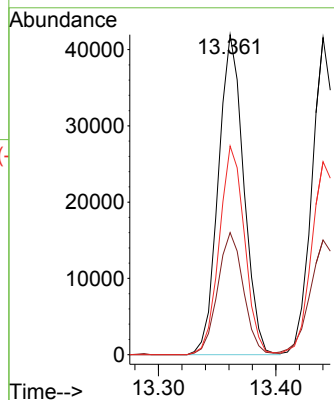
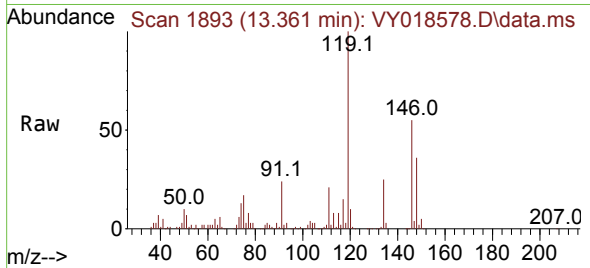




#87
1,3-Dichlorobenzene
Concen: 16.752 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

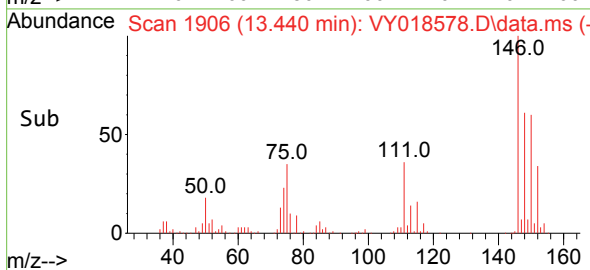
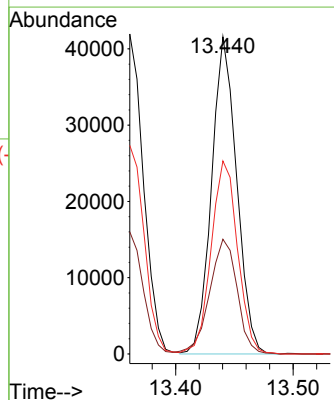
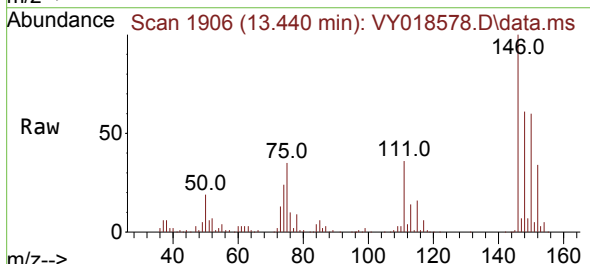
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

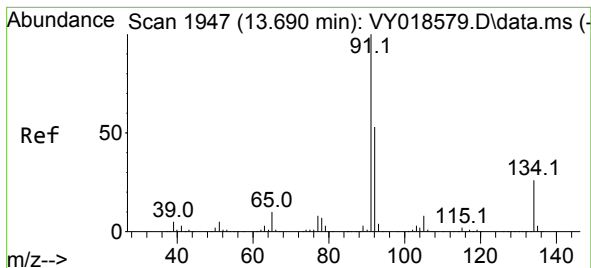
Tgt Ion:146 Resp: 63127
Ion Ratio Lower Upper
146 100
111 38.6 19.0 57.0
148 64.9 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 16.706 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion:146 Resp: 61775
Ion Ratio Lower Upper
146 100
111 39.8 18.4 55.4
148 64.2 32.4 97.2





#89

n-Butylbenzene

Concen: 18.035 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. -0.000 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

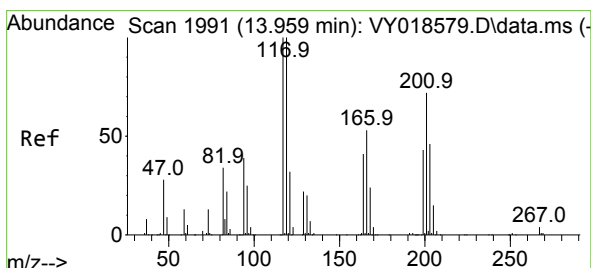
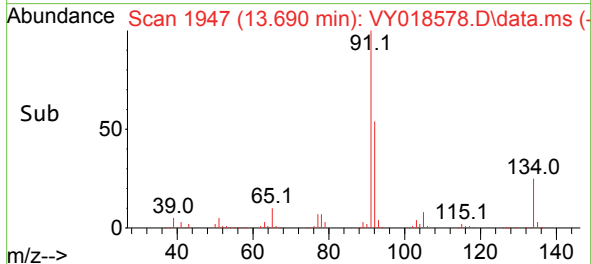
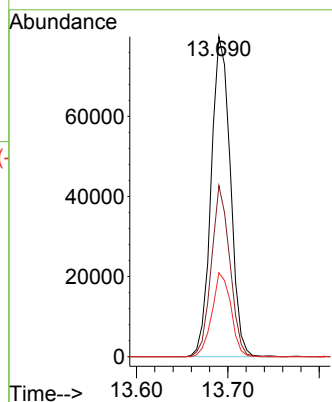
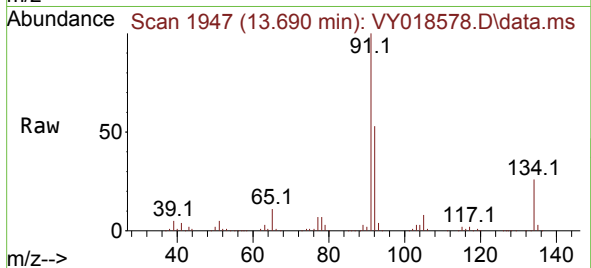
Tgt Ion: 91 Resp: 116472

Ion Ratio Lower Upper

91 100

92 51.4 26.6 79.7

134 25.9 12.9 38.7



#90

Hexachloroethane

Concen: 17.021 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY018578.D

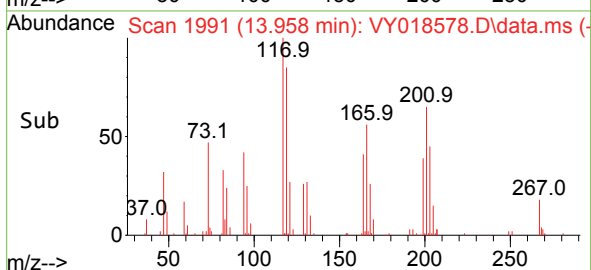
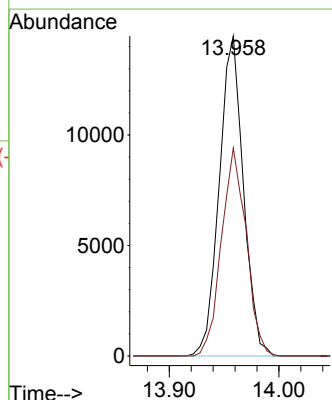
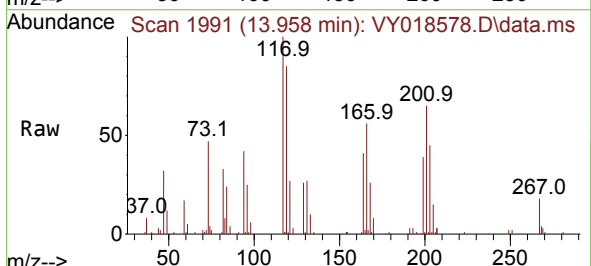
Acq: 13 Jun 2024 16:46

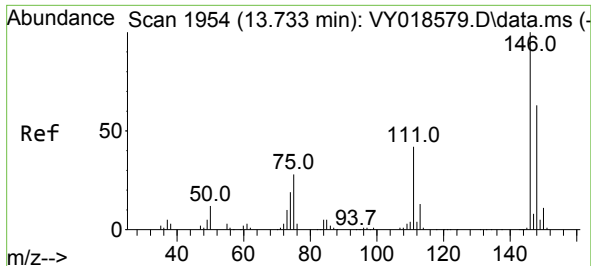
Tgt Ion: 117 Resp: 22155

Ion Ratio Lower Upper

117 100

201 66.9 37.4 112.2

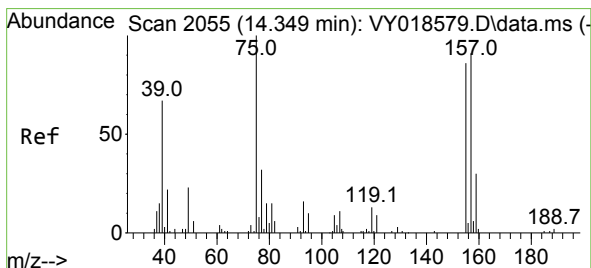
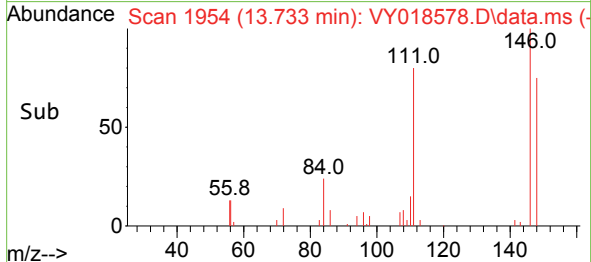
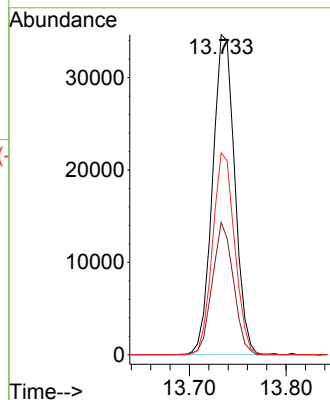
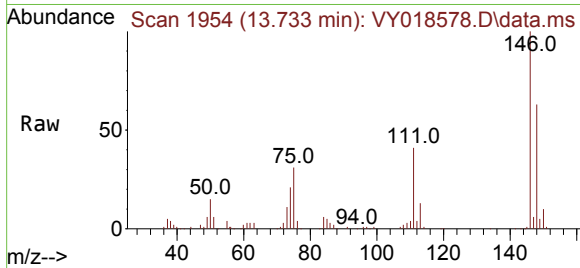




#91
1,2-Dichlorobenzene
Concen: 17.167 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

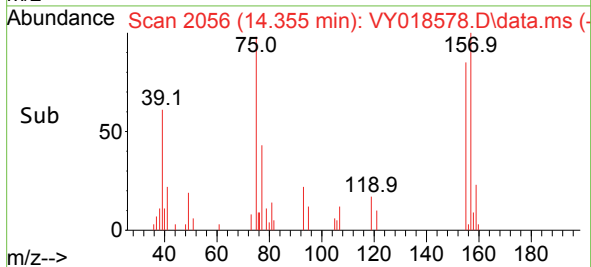
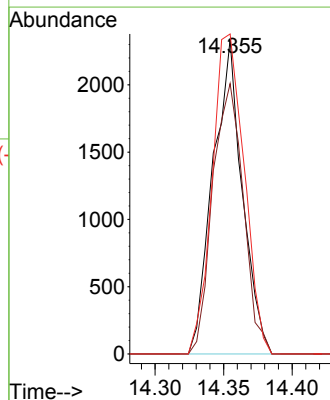
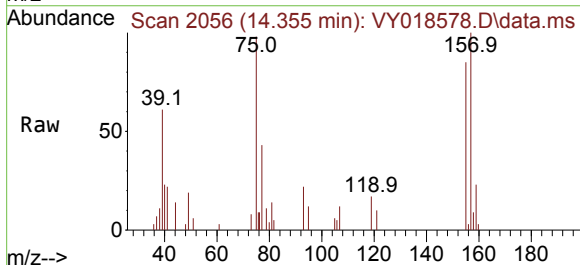
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

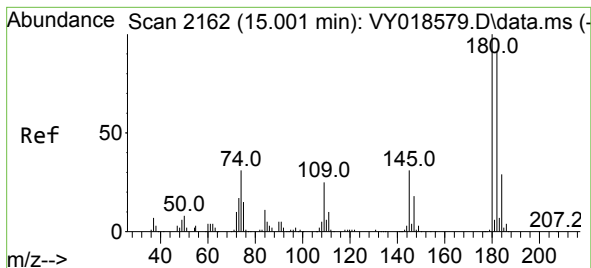
Tgt Ion:146 Resp: 55262
Ion Ratio Lower Upper
146 100
111 39.4 19.9 59.7
148 62.9 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.682 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.006 min
Lab File: VY018578.D
Acq: 13 Jun 2024 16:46

Tgt Ion: 75 Resp: 3465
Ion Ratio Lower Upper
75 100
155 90.2 48.6 145.8
157 111.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 15.751 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.000 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

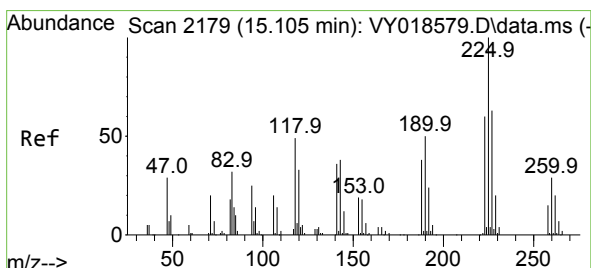
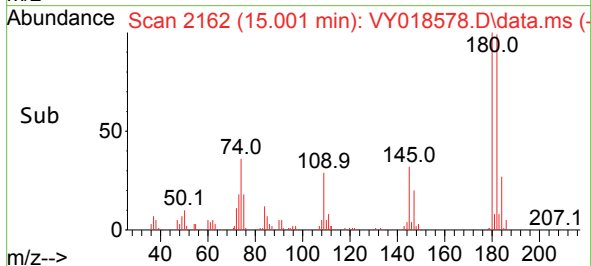
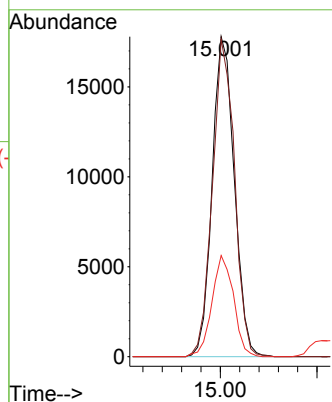
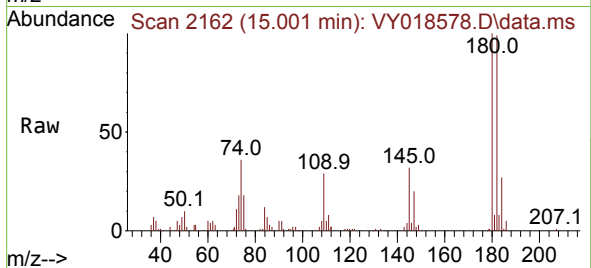
Tgt Ion:180 Resp: 28249

Ion Ratio Lower Upper

180 100

182 98.7 47.9 143.8

145 30.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 16.312 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.000 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

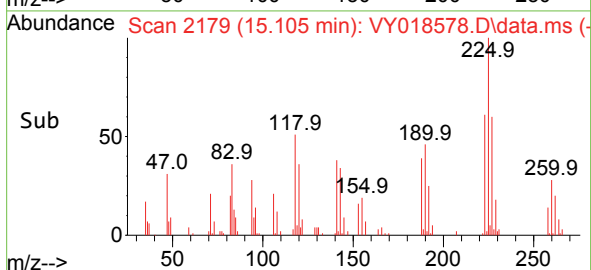
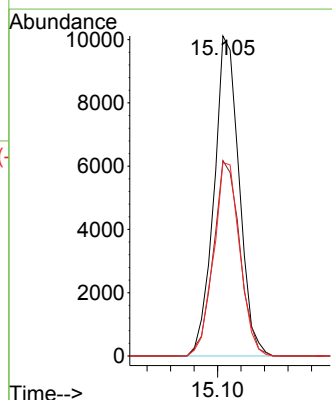
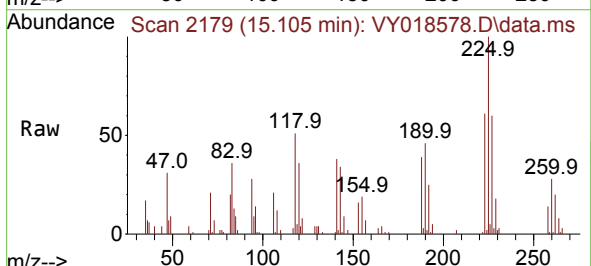
Tgt Ion:225 Resp: 15031

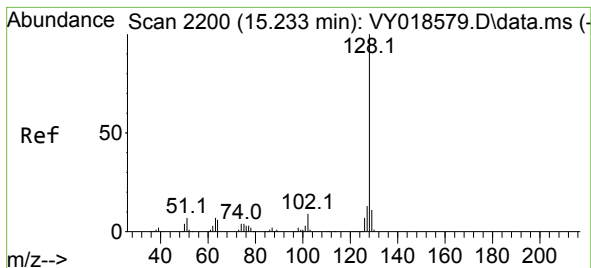
Ion Ratio Lower Upper

225 100

223 64.3 30.4 91.2

227 63.0 31.9 95.9





#95

Naphthalene

Concen: 15.814 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

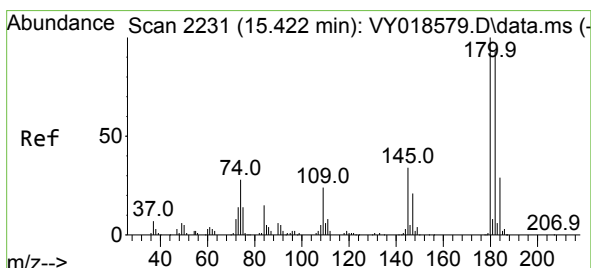
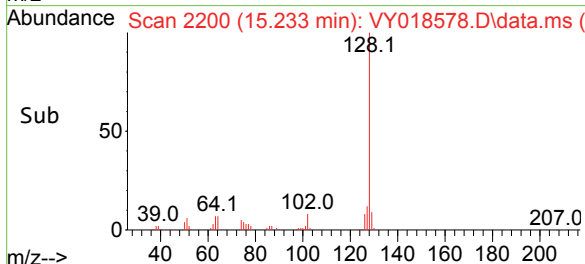
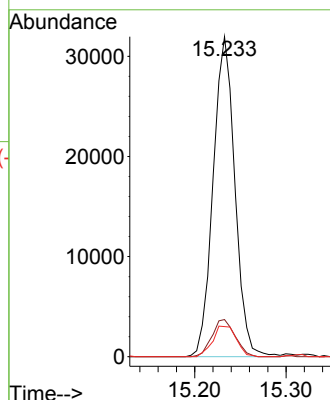
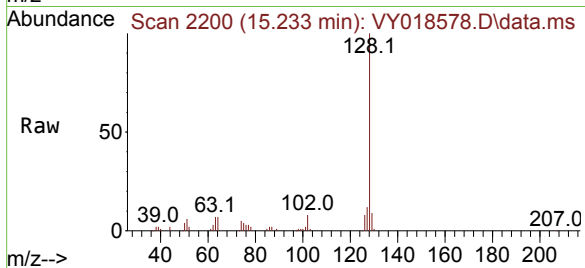
Tgt Ion:128 Resp: 53000

Ion Ratio Lower Upper

128 100

127 12.4 10.6 16.0

129 10.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 16.199 ug/l

RT: 15.415 min Scan# 2230

Delta R.T. -0.006 min

Lab File: VY018578.D

Acq: 13 Jun 2024 16:46

Tgt Ion:180 Resp: 24547

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.9

145 33.8 15.4 46.1

