

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031424\
 Data File : VY017660.D
 Acq On : 14 Mar 2024 13:11
 Operator : SY/MD
 Sample : MDL06
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL06

Quant Time: Mar 15 04:35:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 04:34:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	147099	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	242962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	208550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91660	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60550	43.433	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.860%
35) Dibromofluoromethane	7.710	113	70855	41.851	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.700%
50) Toluene-d8	10.179	98	251870	42.549	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.100%
62) 4-Bromofluorobenzene	12.483	95	75193	40.419	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.840%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	2357	2.172	ug/l	87
3) Chloromethane	2.113	50	4371	2.205	ug/l	98
4) Vinyl Chloride	2.247	62	5886	2.314	ug/l	98
5) Bromomethane	2.649	94	5258	2.537	ug/l	83
6) Chloroethane	2.790	64	3827	2.385	ug/l	92
7) Trichlorofluoromethane	3.125	101	5950	2.295	ug/l	93
8) Diethyl Ether	3.521	74	1682	2.212	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	3597	2.412	ug/l	96
10) Methyl Iodide	4.082	142	3524	2.106	ug/l	93
11) Tert butyl alcohol	4.923	59	1419	11.983	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	3033	2.183	ug/l	90
13) Acrolein	3.722	56	1622	10.381	ug/l	98
14) Allyl chloride	4.466	41	3346	1.993	ug/l	96
15) Acrylonitrile	5.161	53	3675	11.758	ug/l	96
16) Acetone	3.942	43	4325	15.995	ug/l	88
17) Carbon Disulfide	4.192	76	7173	1.720	ug/l #	94
18) Methyl Acetate	4.466	43	2563	3.907	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	6597	2.037	ug/l	96
20) Methylene Chloride	4.710	84	10120	5.228	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	3550	2.182	ug/l	94
22) Diisopropyl ether	6.118	45	7016	1.811	ug/l	90
23) Vinyl Acetate	6.051	43	17863	7.737	ug/l	96
24) 1,1-Dichloroethane	6.009	63	6207	2.345	ug/l	98
25) 2-Butanone	6.984	43	4585	11.898	ug/l	94
26) 2,2-Dichloropropane	6.972	77	5844	2.626	ug/l	90
27) cis-1,2-Dichloroethene	6.978	96	3816	2.089	ug/l	93
28) Bromochloromethane	7.325	49	2030	1.947	ug/l #	98
29) Tetrahydrofuran	7.338	42	2210	9.514	ug/l	97
30) Chloroform	7.502	83	6714	2.382	ug/l	100
31) Cyclohexane	7.783	56	6678	2.943	ug/l #	60
32) 1,1,1-Trichloroethane	7.697	97	5436	2.222	ug/l	96
36) 1,1-Dichloropropene	7.911	75	4915	2.152	ug/l	97
37) Ethyl Acetate	7.082	43	1775	1.967	ug/l #	92
38) Carbon Tetrachloride	7.899	117	4900	2.140	ug/l	96
39) Methylcyclohexane	9.179	83	4894	1.783	ug/l	90
40) Benzene	8.161	78	14393	2.122	ug/l #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	998	2.204	ug/l #	62
42) 1,2-Dichloroethane	8.234	62	3824	2.310	ug/l	94
43) Isopropyl Acetate	8.276	43	3256	2.054	ug/l #	84
44) Trichloroethene	8.941	130	4292	2.195	ug/l	96
45) 1,2-Dichloropropane	9.215	63	3435	2.128	ug/l	100
46) Dibromomethane	9.301	93	1878	2.033	ug/l	91
47) Bromodichloromethane	9.490	83	4876	2.174	ug/l	99
48) Methyl methacrylate	9.295	41	1666	2.270	ug/l	99
49) 1,4-Dioxane	9.301	88	440	42.092	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	7468	8.452	ug/l	97
52) Toluene	10.246	92	9240	2.161	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	4074	1.957	ug/l	89
54) cis-1,3-Dichloropropene	9.929	75	4866	1.924	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	2719	2.073	ug/l	93
56) Ethyl methacrylate	10.514	69	2021	1.374	ug/l	99
57) 1,3-Dichloropropane	10.788	76	4738	2.222	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	6158	8.137	ug/l	97
59) 2-Hexanone	10.831	43	5611	9.245	ug/l	98
60) Dibromochloromethane	10.983	129	3300	2.127	ug/l	99
61) 1,2-Dibromoethane	11.087	107	2466	2.040	ug/l	98
64) Tetrachloroethene	10.721	164	4211	2.104	ug/l	97
65) Chlorobenzene	11.520	112	9887	2.234	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	3684	2.221	ug/l	94
67) Ethyl Benzene	11.593	91	15332	1.975	ug/l	98
68) m/p-Xylenes	11.709	106	11471	3.760	ug/l	97
69) o-Xylene	12.032	106	5167	1.826	ug/l	95
70) Styrene	12.050	104	7088	1.509	ug/l	99
71) Bromoform	12.209	173	2017	2.195	ug/l #	97
73) Isopropylbenzene	12.331	105	13618	2.000	ug/l	99
74) N-amyl acetate	12.148	43	2311	1.924	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	2857	2.443	ug/l	95
76) 1,2,3-Trichloropropane	12.629	75	3855	4.426	ug/l #	100
77) Bromobenzene	12.611	156	3831	2.323	ug/l	97
78) n-propylbenzene	12.672	91	17035	2.085	ug/l	99
79) 2-Chlorotoluene	12.763	91	9938	2.172	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	10752	1.971	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.483	75	36599	96.561	ug/l #	16
82) 4-Chlorotoluene	12.855	91	9956	2.128	ug/l	99
83) tert-Butylbenzene	13.080	119	9439	1.970	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	9918	1.841	ug/l	97
85) sec-Butylbenzene	13.257	105	14066	1.920	ug/l	100
86) p-Isopropyltoluene	13.373	119	11094	1.850	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	7829	2.365	ug/l	95
88) 1,4-Dichlorobenzene	13.446	146	7848	2.439	ug/l	89
89) n-Butylbenzene	13.696	91	11250	2.056	ug/l	96
90) Hexachloroethane	13.964	117	2900	2.412	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	6198	2.214	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	369	2.245	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	3035	2.052	ug/l	89
94) Hexachlorobutadiene	15.117	225	2360	2.585	ug/l	98
95) Naphthalene	15.239	128	4744	1.876	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	2870	2.262	ug/l	94

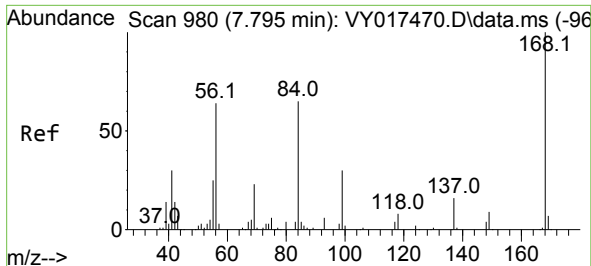
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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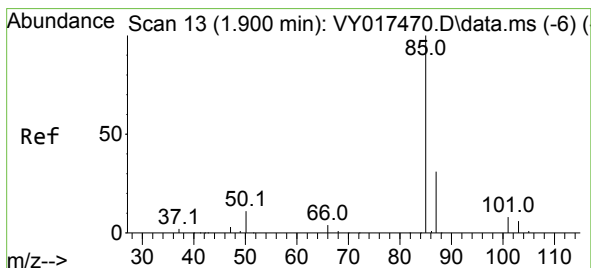
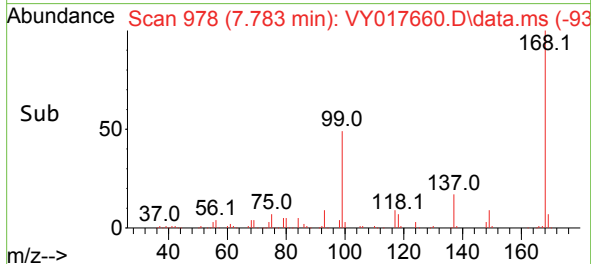
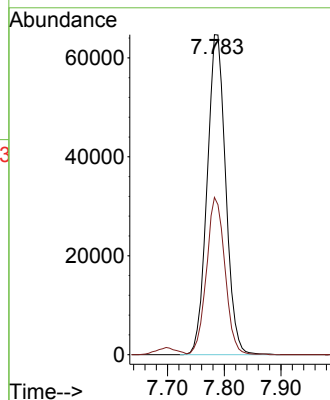
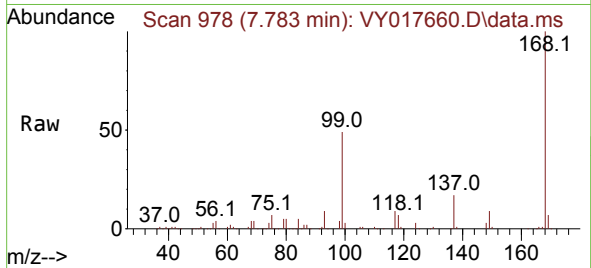
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

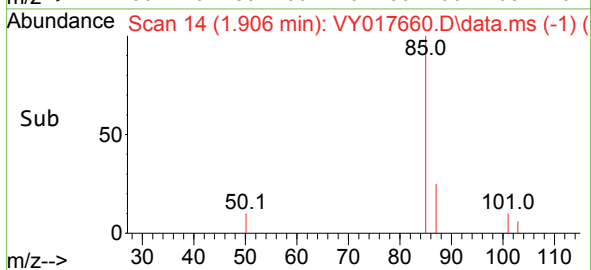
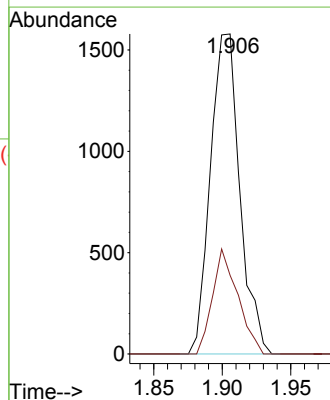
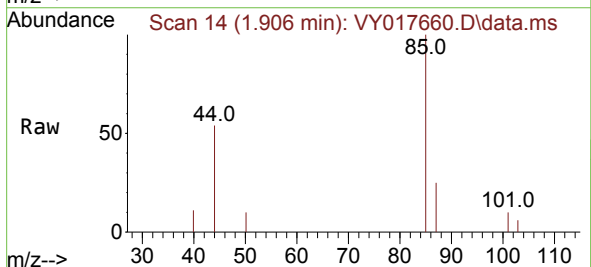
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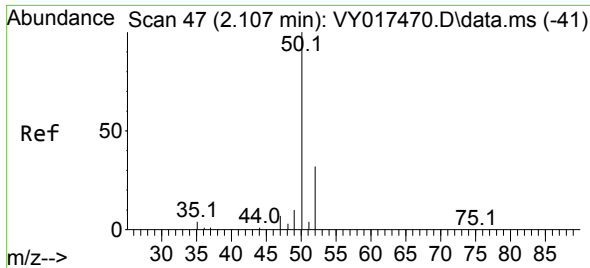
Tgt Ion:168 Resp: 147099
Ion Ratio Lower Upper
168 100
99 49.1 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 2.172 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion: 85 Resp: 2357
Ion Ratio Lower Upper
85 100
87 24.6 16.0 48.0

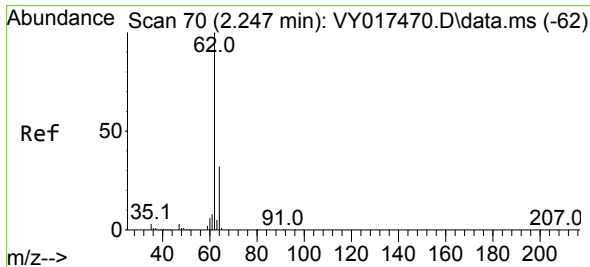
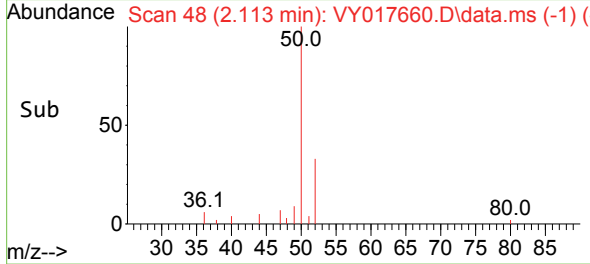
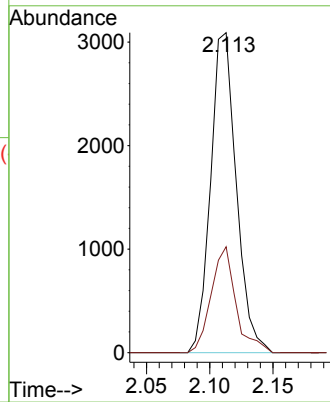
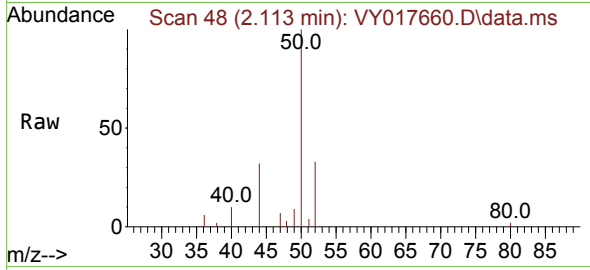




#3
Chloromethane
Concen: 2.205 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

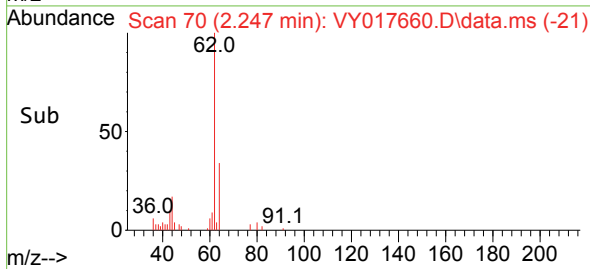
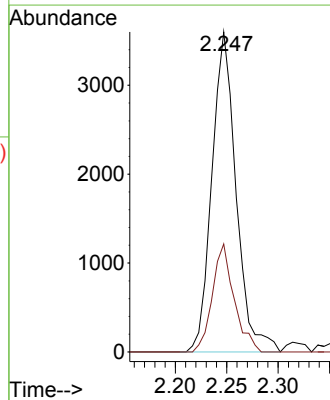
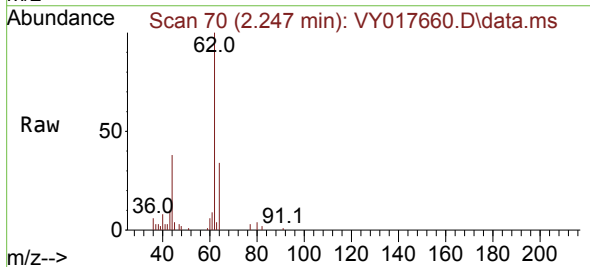
Instrument :
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ClientSampleId :
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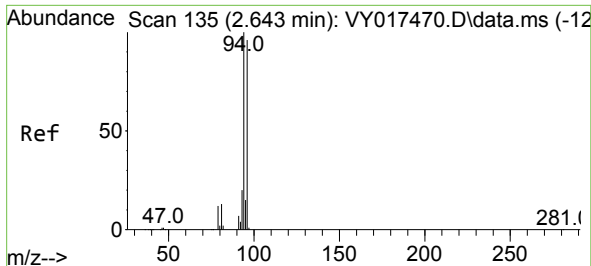
Tgt Ion: 50 Resp: 4371
Ion Ratio Lower Upper
50 100
52 33.1 25.6 38.4



#4
Vinyl Chloride
Concen: 2.314 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion: 62 Resp: 5886
Ion Ratio Lower Upper
62 100
64 33.8 26.1 39.1

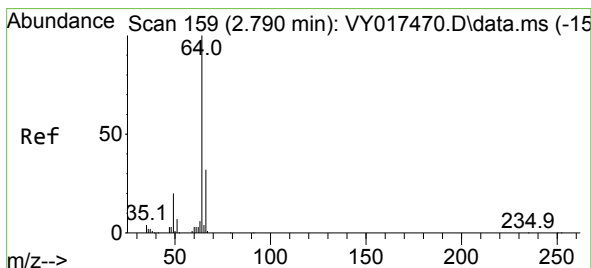
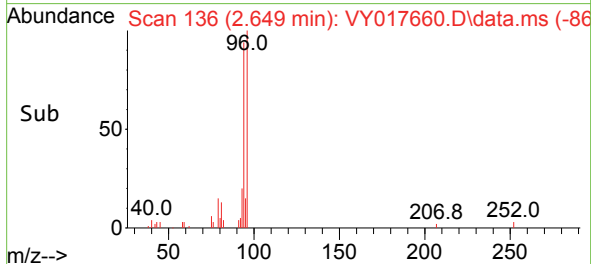
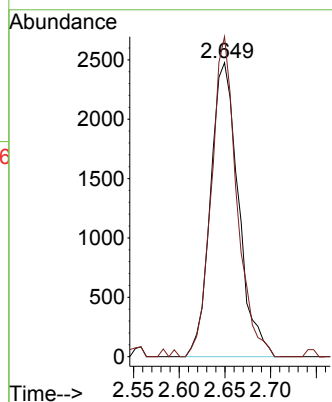
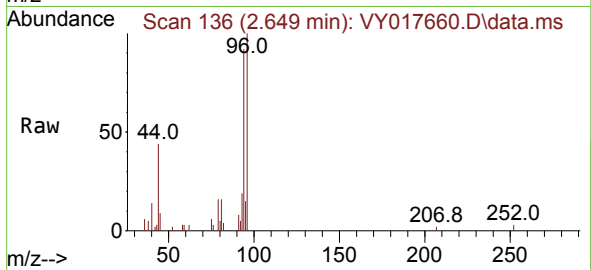




#5
Bromomethane
Concen: 2.537 ug/l
RT: 2.649 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

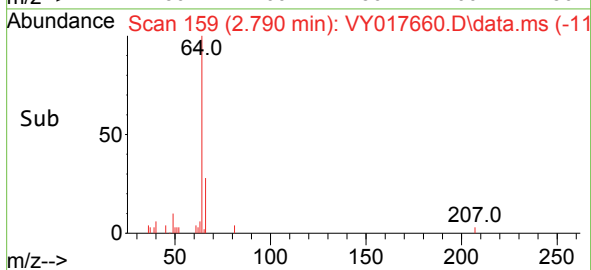
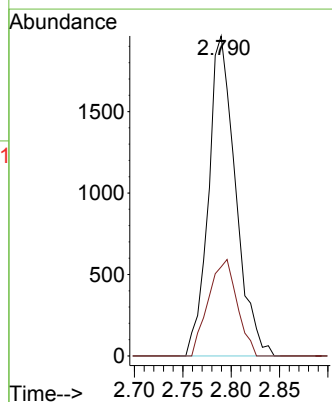
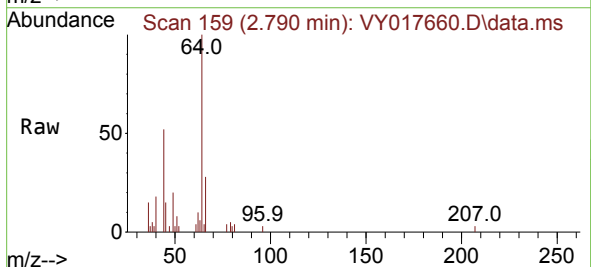
Instrument :
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Tgt Ion: 94 Resp: 5258
Ion Ratio Lower Upper
94 100
96 108.9 74.1 111.1



#6
Chloroethane
Concen: 2.385 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion: 64 Resp: 3827
Ion Ratio Lower Upper
64 100
66 27.9 26.1 39.1

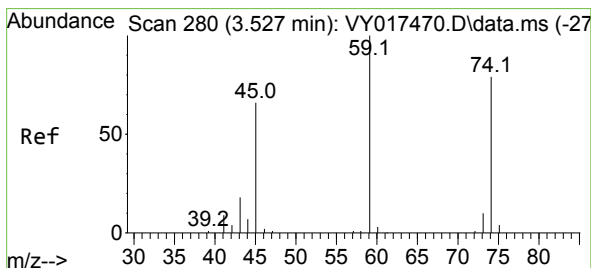
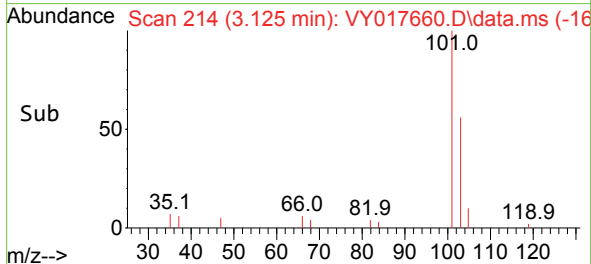
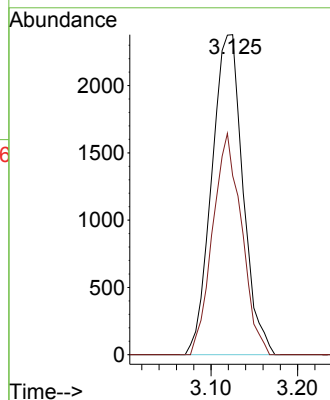
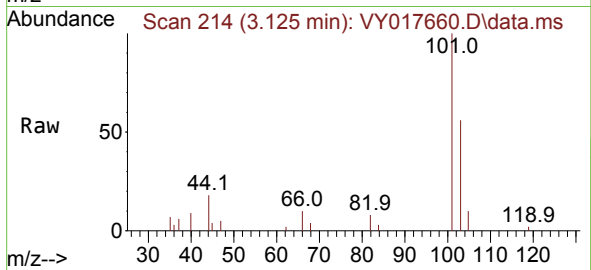




#7
 Trichlorofluoromethane
 Concen: 2.295 ug/l
 RT: 3.125 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY017660.D
 Acq: 14 Mar 2024 13:11

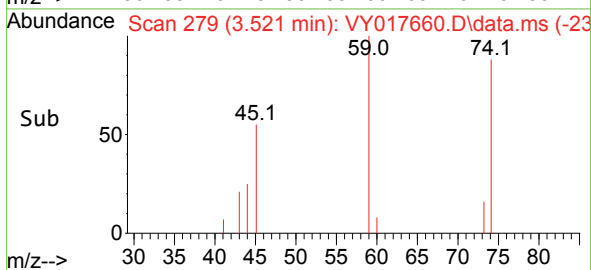
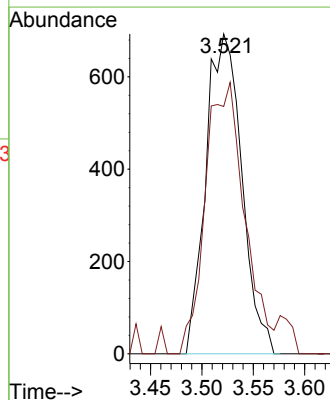
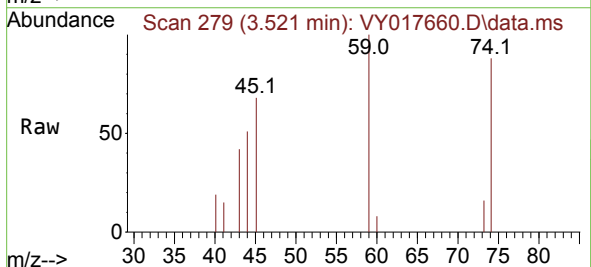
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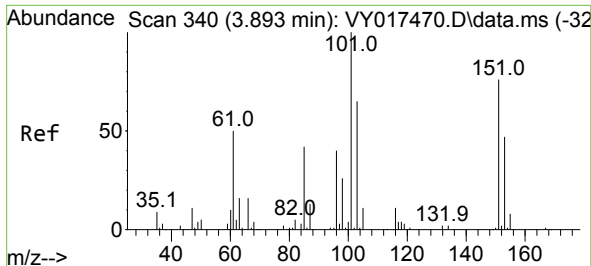
Tgt Ion:101 Resp: 5950
 Ion Ratio Lower Upper
 101 100
 103 55.9 49.3 73.9



#8
 Diethyl Ether
 Concen: 2.212 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY017660.D
 Acq: 14 Mar 2024 13:11

Tgt Ion: 74 Resp: 1682
 Ion Ratio Lower Upper
 74 100
 45 92.6 41.3 124.1

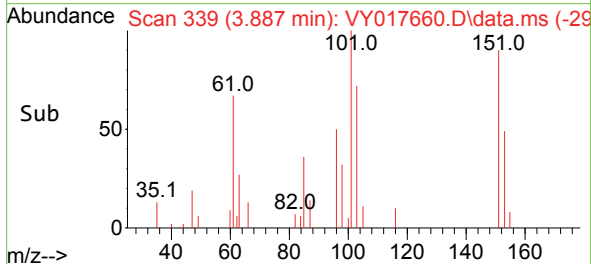
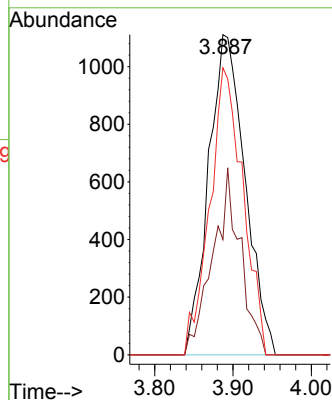
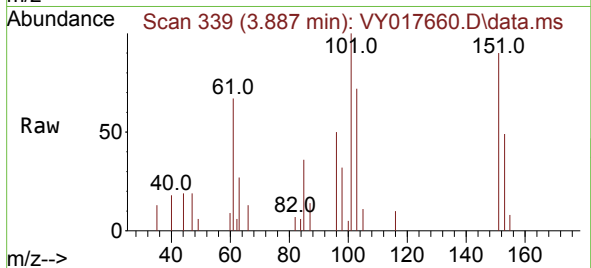




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.412 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY017660.D
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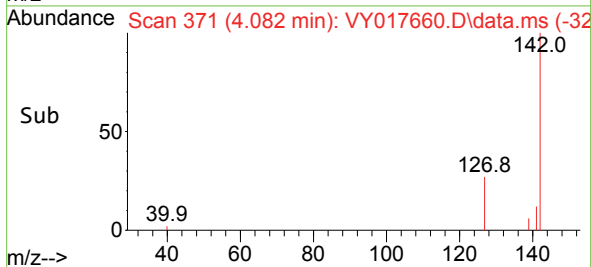
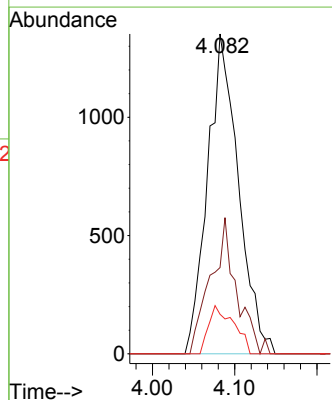
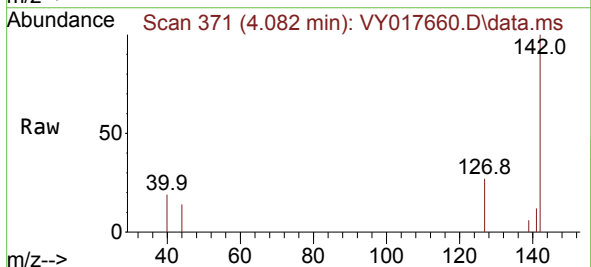
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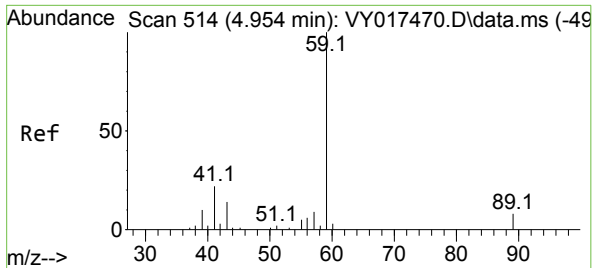
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Ion Ratio Lower Upper
101 100
85 44.2 34.5 51.7
151 81.5 61.7 92.5



#10
Methyl Iodide
Concen: 2.106 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion:142 Resp: 3524
Ion Ratio Lower Upper
142 100
127 35.9 32.8 49.2
141 12.3 11.4 17.2

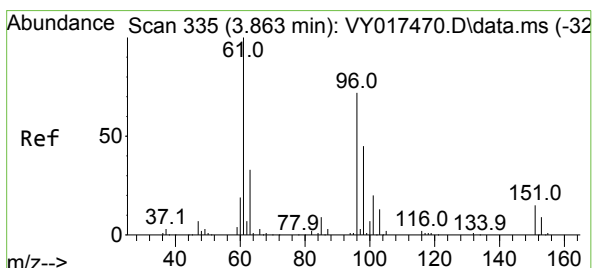
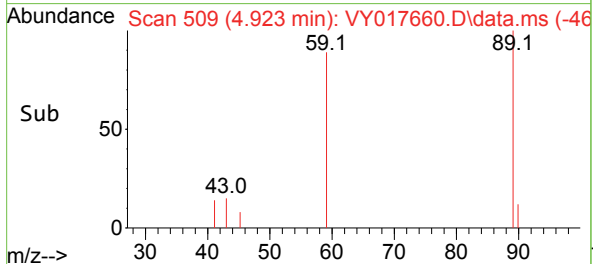
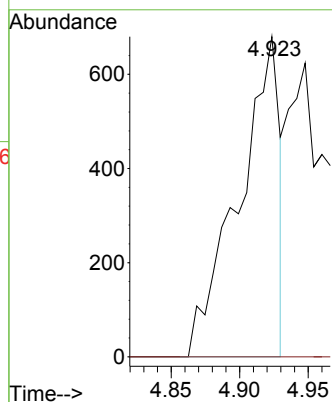
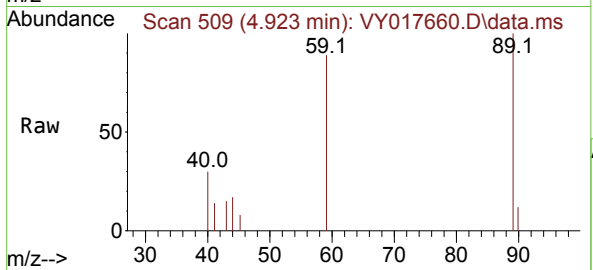




#11
Tert butyl alcohol
Concen: 11.983 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.031 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

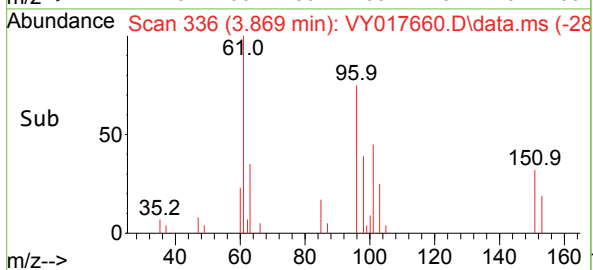
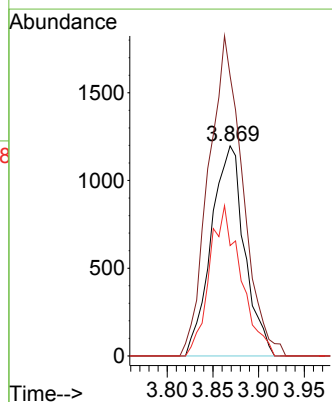
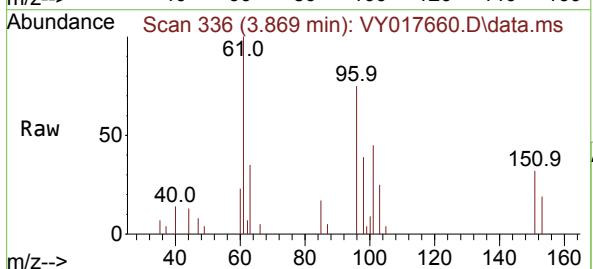
Instrument :
MSVOA_Y
ClientSampleId :
MDL06

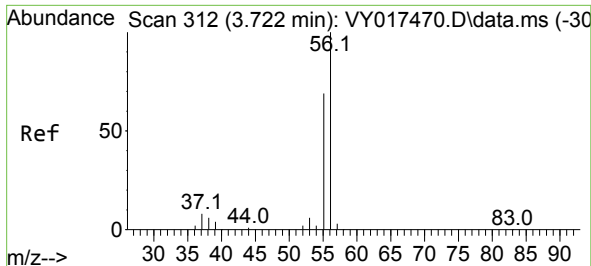
Tgt Ion: 59 Resp: 1419
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 2.183 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion: 96 Resp: 3033
Ion Ratio Lower Upper
96 100
61 133.3 114.6 171.8
98 52.5 50.8 76.2

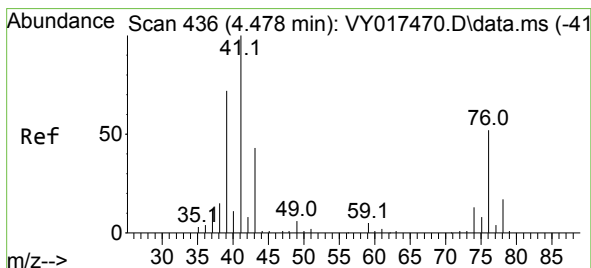
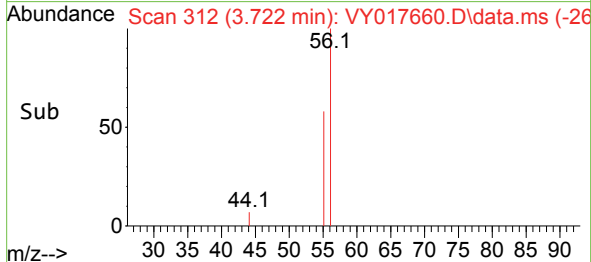
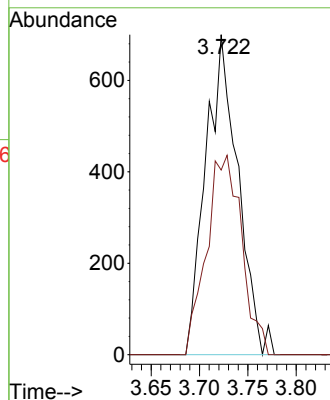
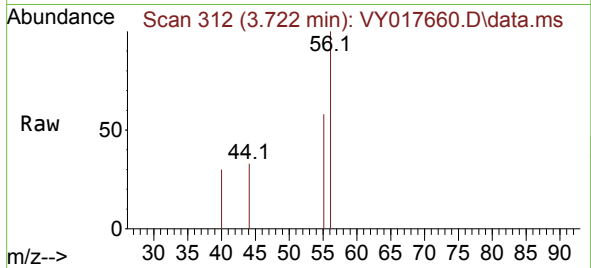




#13
Acrolein
Concen: 10.381 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

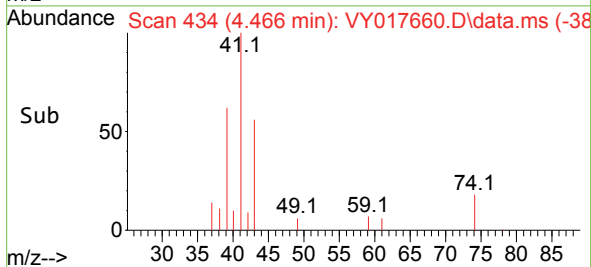
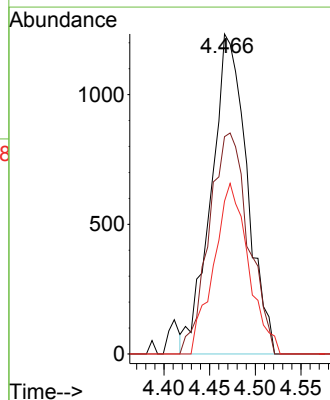
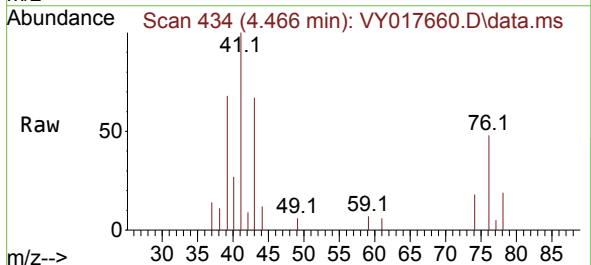
Instrument :
MSVOA_Y
ClientSampleId :
MDL06

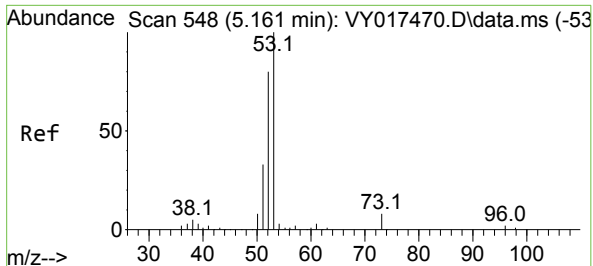
Tgt Ion: 56 Resp: 1622
Ion Ratio Lower Upper
56 100
55 68.0 55.7 83.5



#14
Allyl chloride
Concen: 1.993 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion: 41 Resp: 3346
Ion Ratio Lower Upper
41 100
39 76.3 58.3 87.5
76 51.9 39.0 58.6

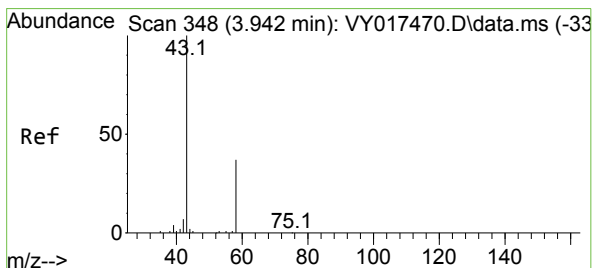
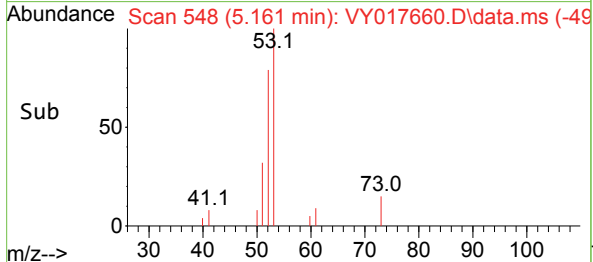
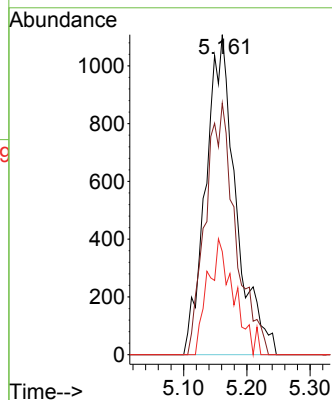
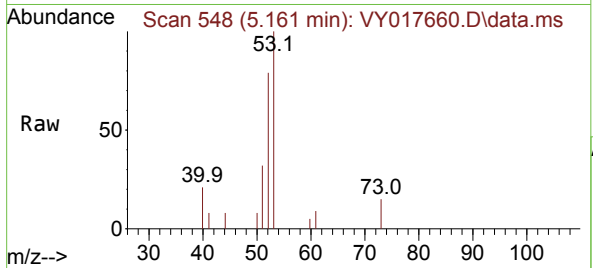




#15
Acrylonitrile
Concen: 11.758 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

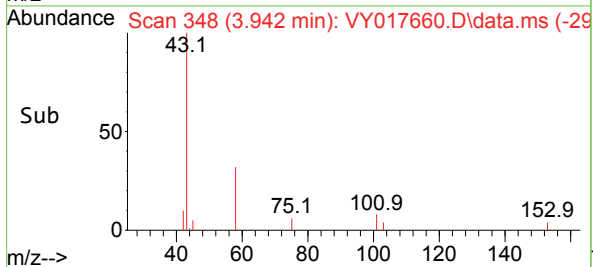
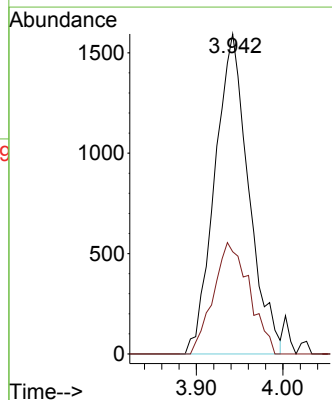
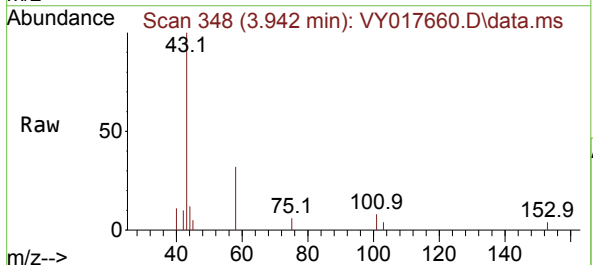
Instrument :
MSVOA_Y
ClientSampleId :
MDL06

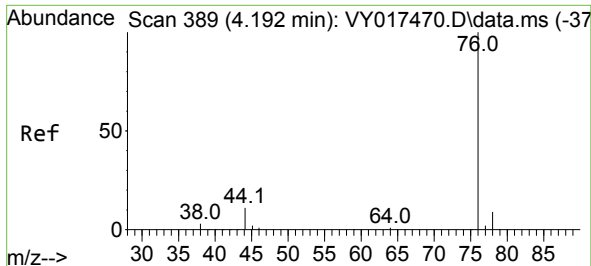
Tgt Ion:	53	Resp:	3675
Ion	Ratio	Lower	Upper
53	100		
52	78.0	64.7	97.1
51	31.3	28.4	42.6



#16
Acetone
Concen: 15.995 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion:	43	Resp:	4325
Ion	Ratio	Lower	Upper
43	100		
58	31.9	31.7	47.5

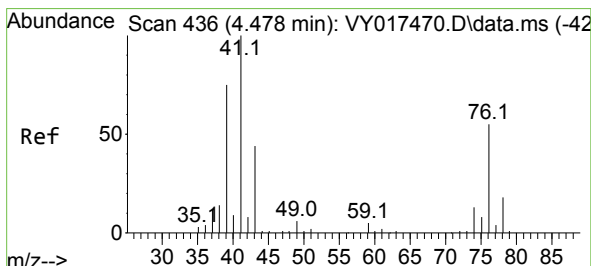
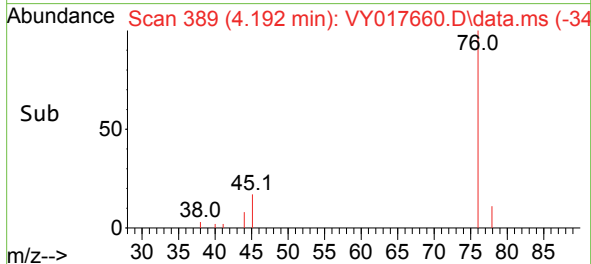
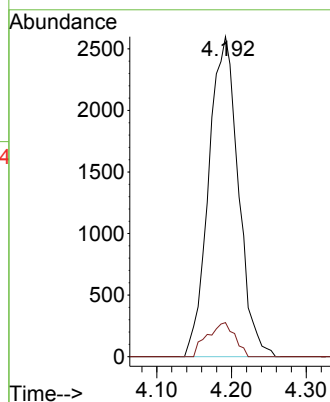
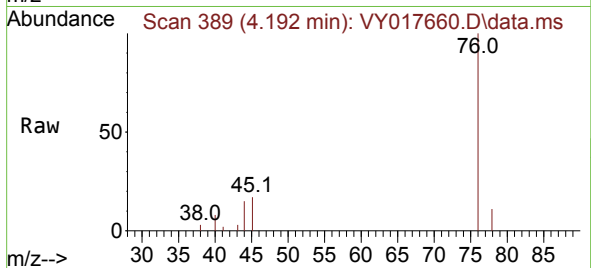




#17
Carbon Disulfide
Concen: 1.720 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

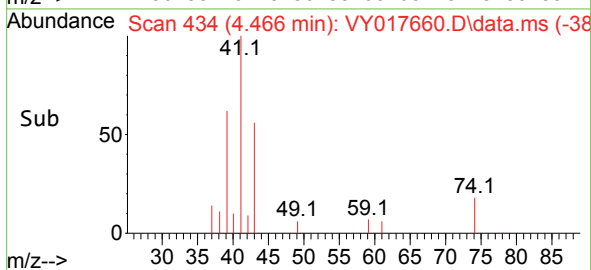
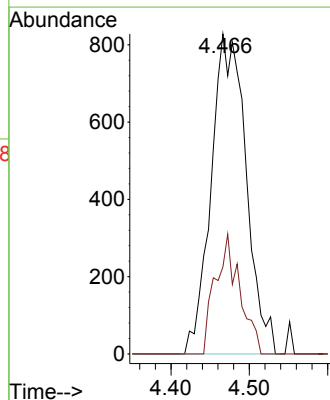
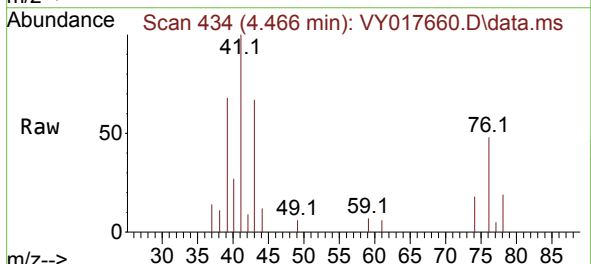
Instrument :
MSVOA_Y
ClientSampleId :
MDL06

Tgt Ion: 76 Resp: 7173
Ion Ratio Lower Upper
76 100
78 10.7 6.8 10.2#



#18
Methyl Acetate
Concen: 3.907 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion: 43 Resp: 2563
Ion Ratio Lower Upper
43 100
74 26.1 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 2.037 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

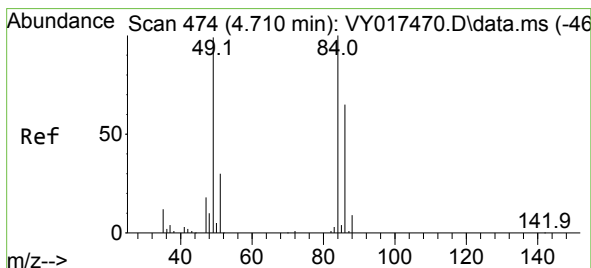
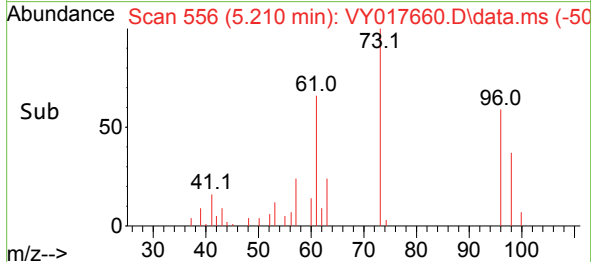
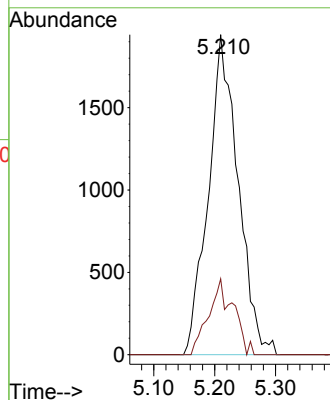
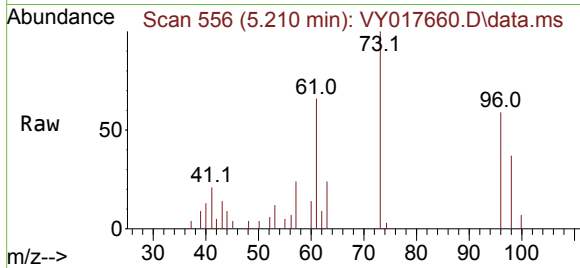
MDL06

Tgt Ion: 73 Resp: 6597

Ion Ratio Lower Upper

73 100

57 23.7 17.3 25.9



#20

Methylene Chloride

Concen: 5.228 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

Tgt Ion: 84 Resp: 10120

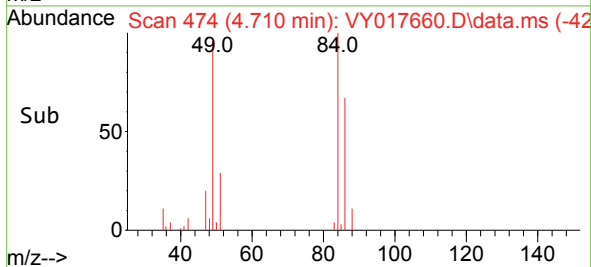
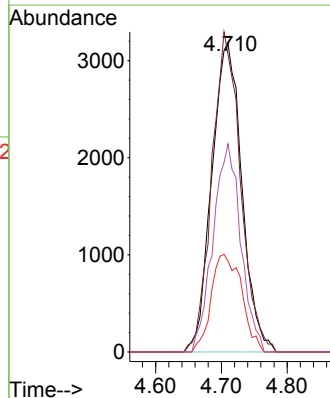
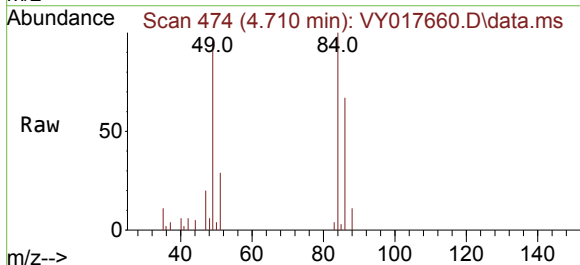
Ion Ratio Lower Upper

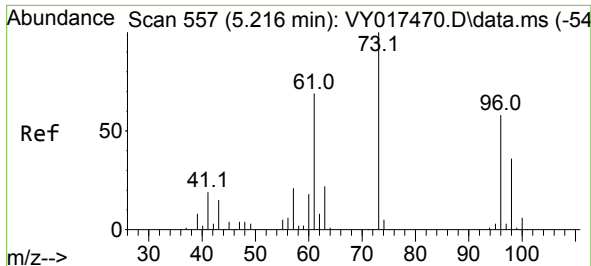
84 100

49 96.5 84.4 126.6

51 29.4 26.0 39.0

86 67.5 49.5 74.3

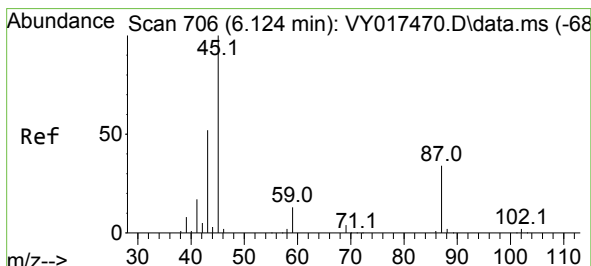
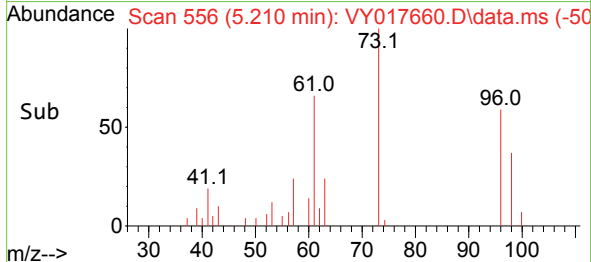
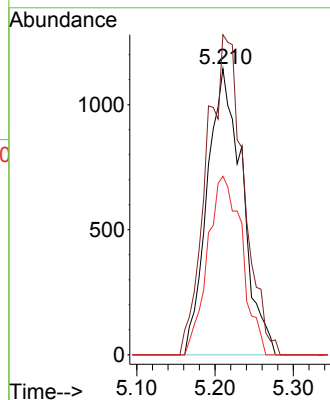
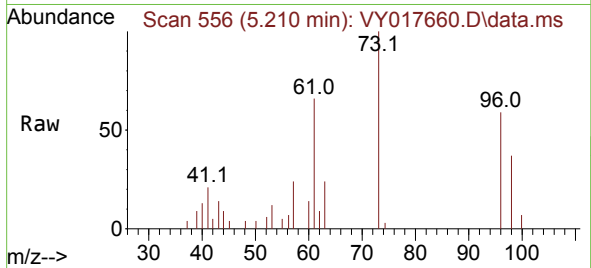




#21
trans-1,2-Dichloroethene
Concen: 2.182 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

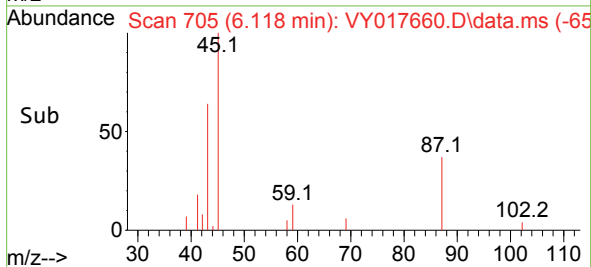
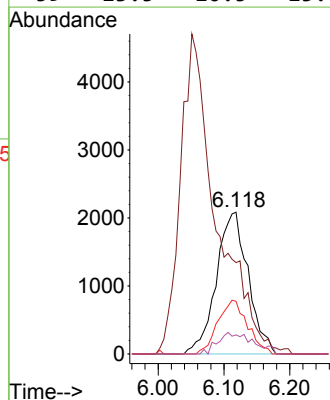
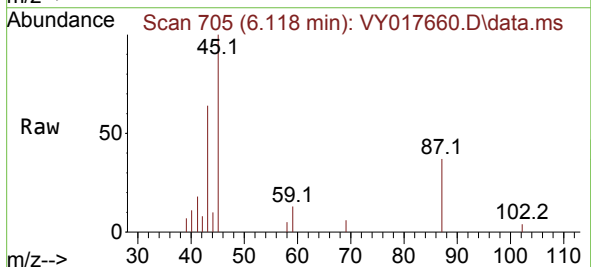
Instrument :
MSVOA_Y
ClientSampleId :
MDL06

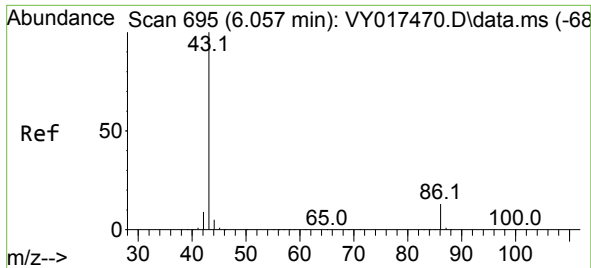
Tgt Ion: 96 Resp: 3550
Ion Ratio Lower Upper
96 100
61 111.9 97.5 146.3
98 62.4 50.5 75.7



#22
Diisopropyl ether
Concen: 1.811 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion: 45 Resp: 7016
Ion Ratio Lower Upper
45 100
43 61.7 42.2 63.2
87 37.2 25.0 37.6
59 13.5 10.5 15.7

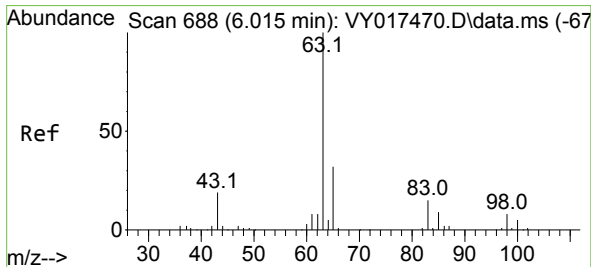
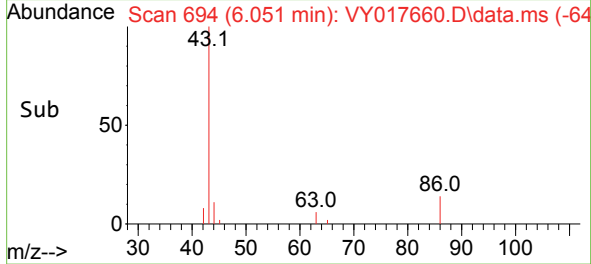
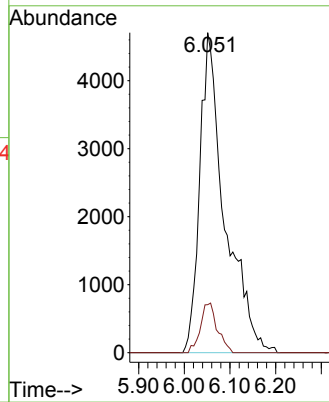
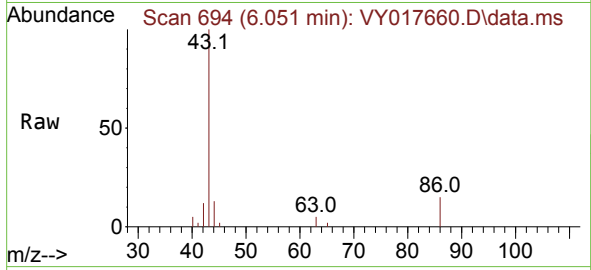




#23
 Vinyl Acetate
 Concen: 7.737 ug/l
 RT: 6.051 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY017660.D
 Acq: 14 Mar 2024 13:11

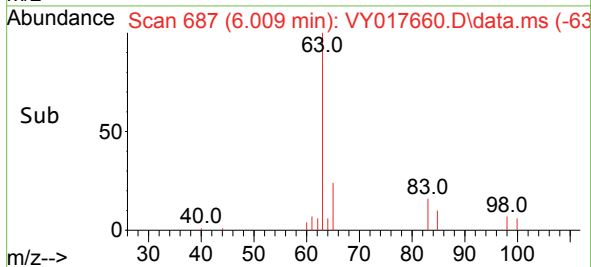
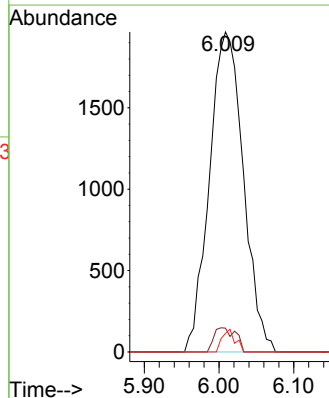
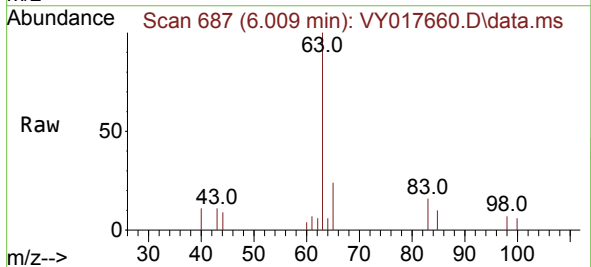
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL06

Tgt Ion: 43 Resp: 17863
 Ion Ratio Lower Upper
 43 100
 86 15.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 2.345 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY017660.D
 Acq: 14 Mar 2024 13:11

Tgt Ion: 63 Resp: 6207
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 12.2
 100 5.8 2.6 8.0





#25

2-Butanone

Concen: 11.898 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

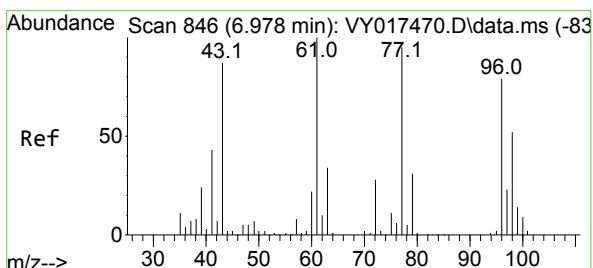
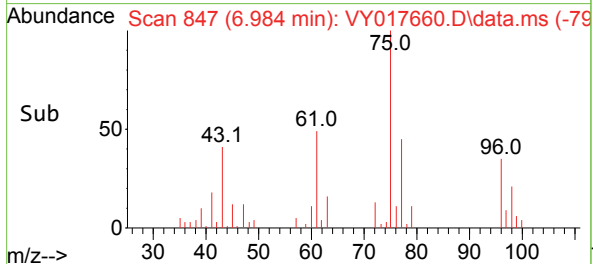
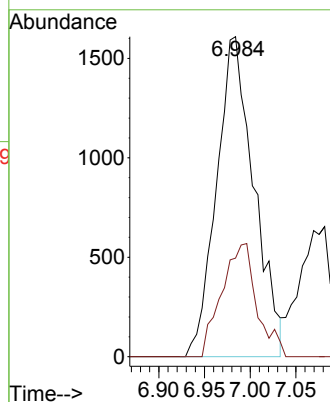
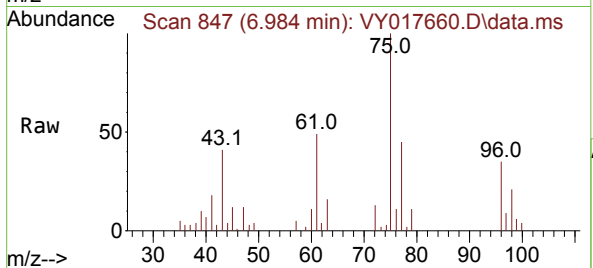
MDL06

Tgt Ion: 43 Resp: 4585

Ion Ratio Lower Upper

43 100

72 30.8 27.3 40.9



#26

2,2-Dichloropropane

Concen: 2.626 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY017660.D

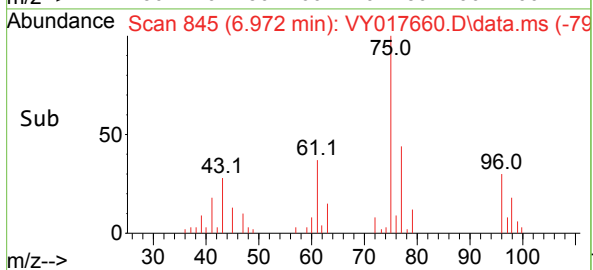
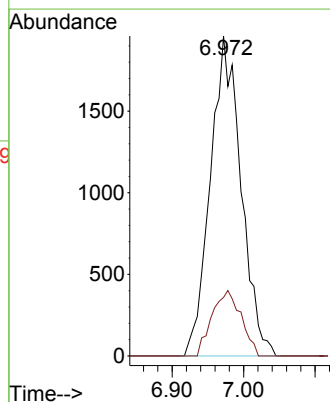
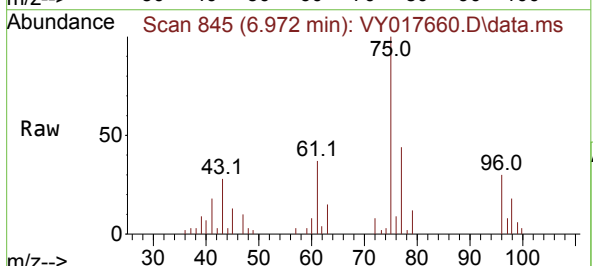
Acq: 14 Mar 2024 13:11

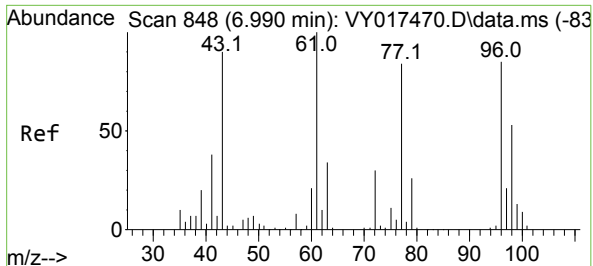
Tgt Ion: 77 Resp: 5844

Ion Ratio Lower Upper

77 100

97 19.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 2.089 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

MDL06

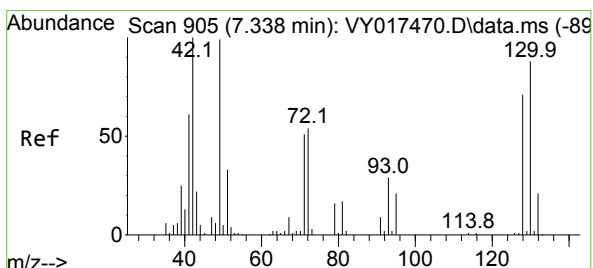
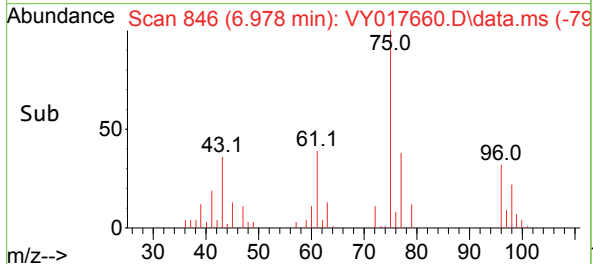
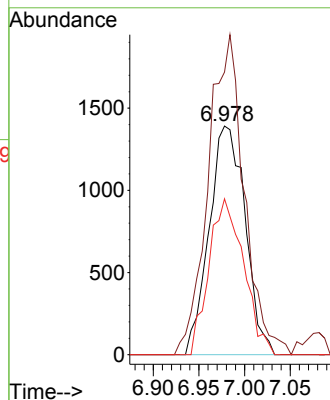
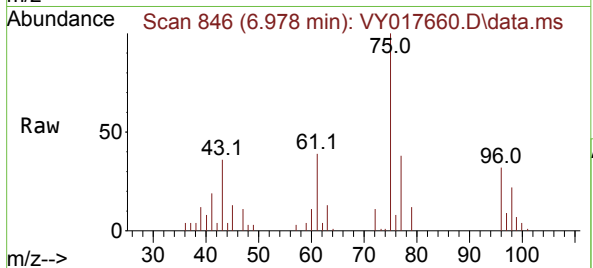
Tgt Ion: 96 Resp: 3816

Ion Ratio Lower Upper

96 100

61 139.6 0.0 256.2

98 65.7 0.0 130.0



#28

Bromochloromethane

Concen: 1.947 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.012 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

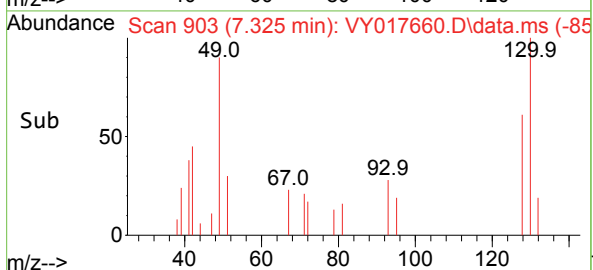
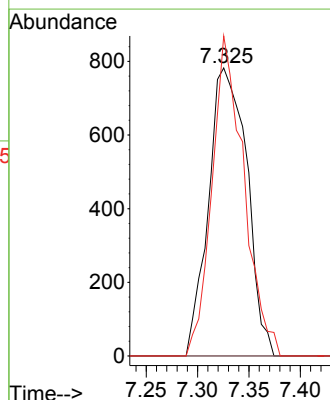
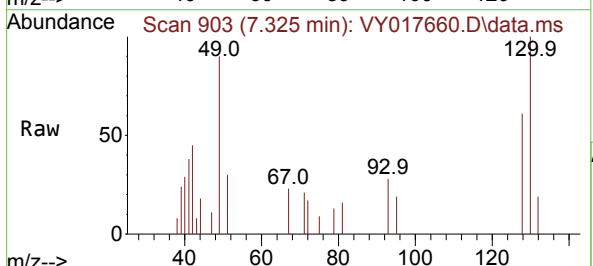
Tgt Ion: 49 Resp: 2030

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 92.3 72.7 109.1

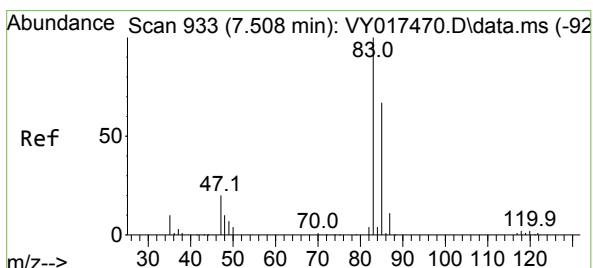
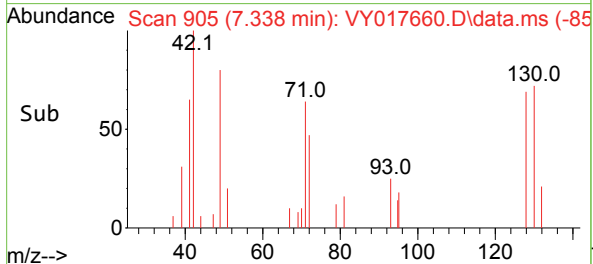
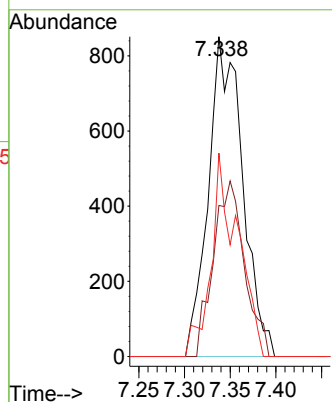
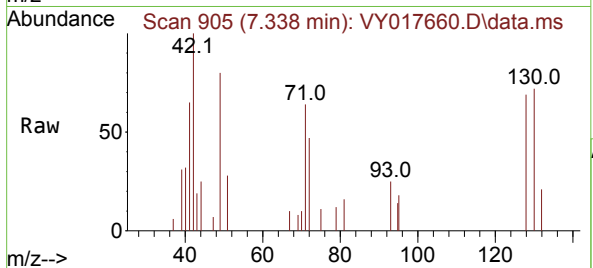




#29
Tetrahydrofuran
Concen: 9.514 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.012 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

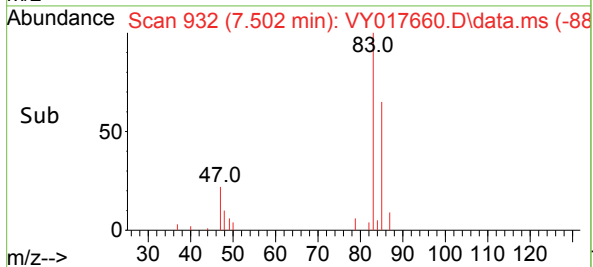
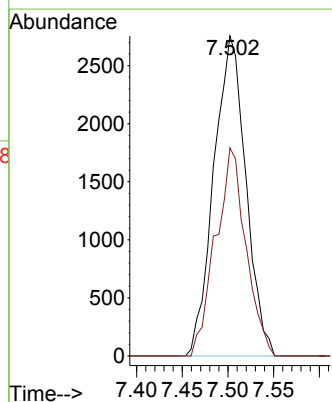
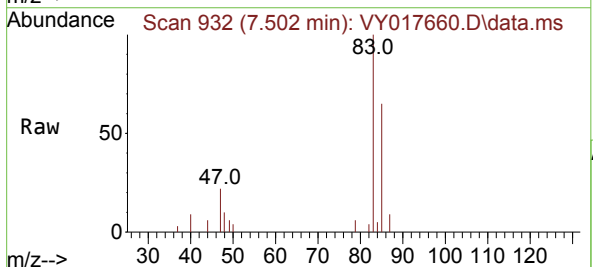
Instrument :
MSVOA_Y
ClientSampleId :
MDL06

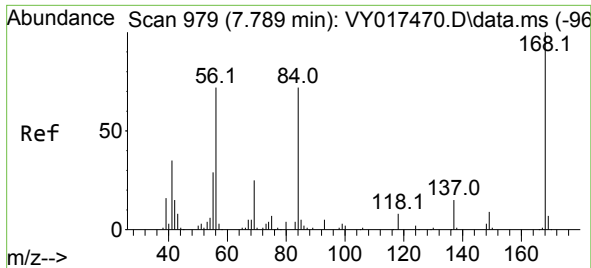
Tgt Ion: 42 Resp: 2210
Ion Ratio Lower Upper
42 100
72 50.1 43.0 64.4
71 50.0 40.8 61.2



#30
Chloroform
Concen: 2.382 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion: 83 Resp: 6714
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.4

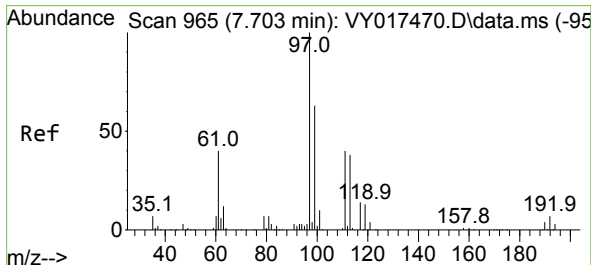
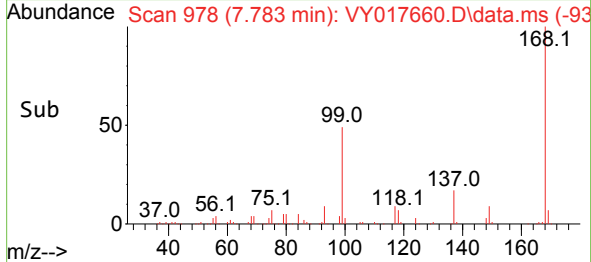
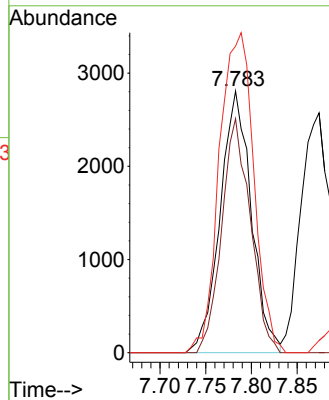
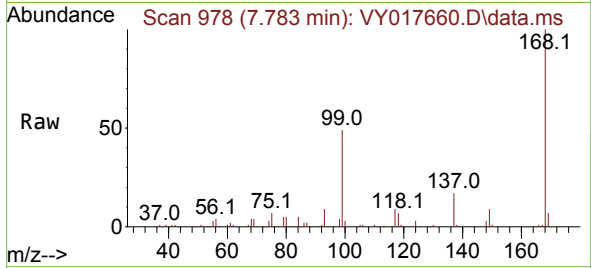




#31
Cyclohexane
Concen: 2.943 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

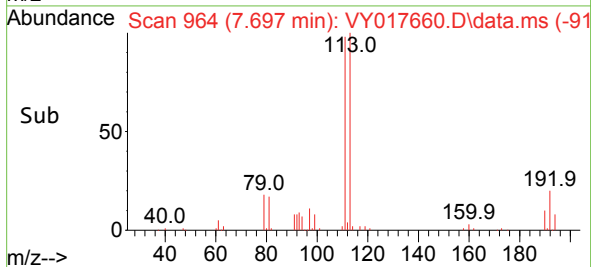
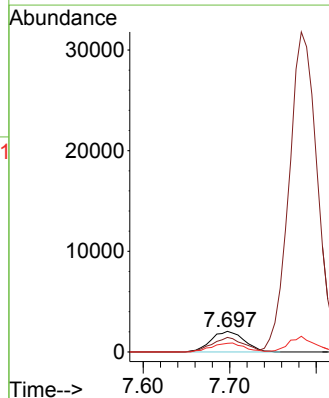
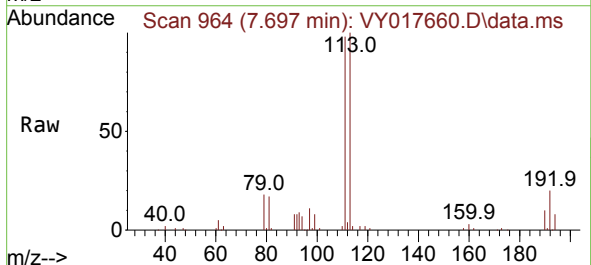
Instrument :
MSVOA_Y
ClientSampleId :
MDL06

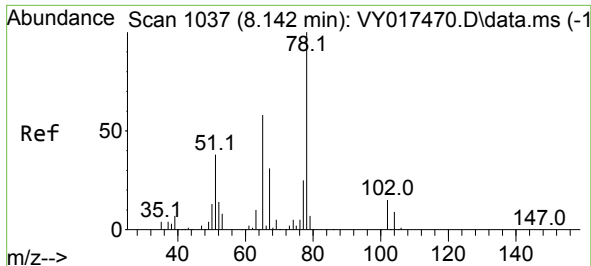
Tgt Ion: 56 Resp: 6678
Ion Ratio Lower Upper
56 100
69 89.4 28.7 43.1#
84 117.2 77.7 116.5#



#32
1,1,1-Trichloroethane
Concen: 2.222 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion: 97 Resp: 5436
Ion Ratio Lower Upper
97 100
99 66.8 50.3 75.5
61 42.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 43.433 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

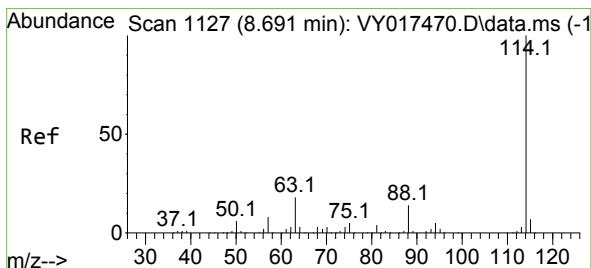
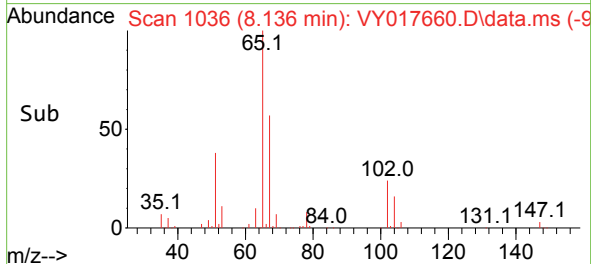
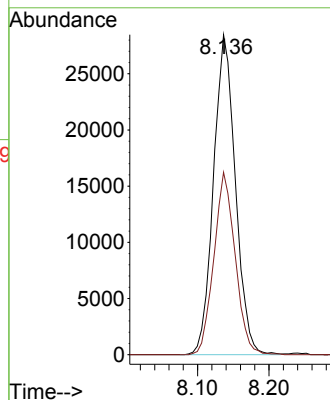
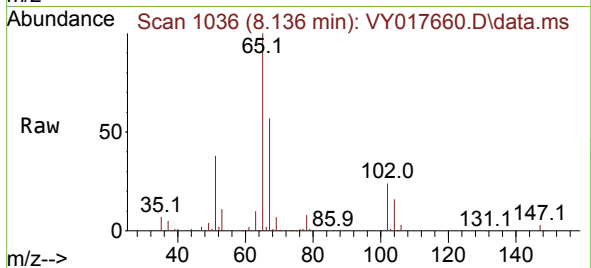
MDL06

Tgt Ion: 65 Resp: 60550

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

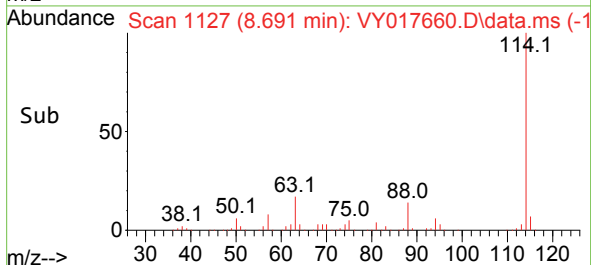
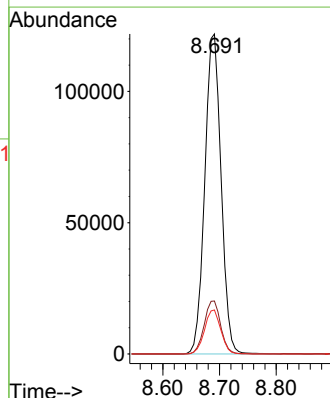
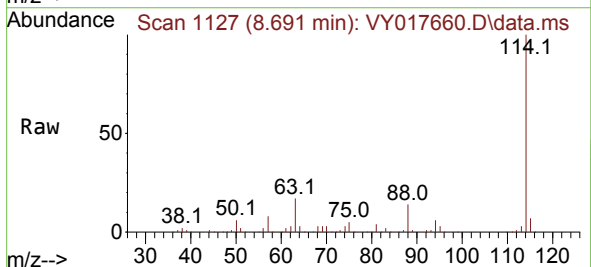
Tgt Ion:114 Resp: 242962

Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 13.8 0.0 27.2

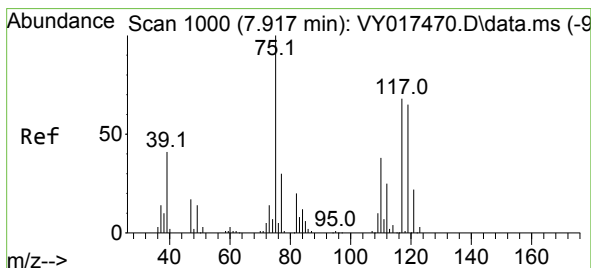
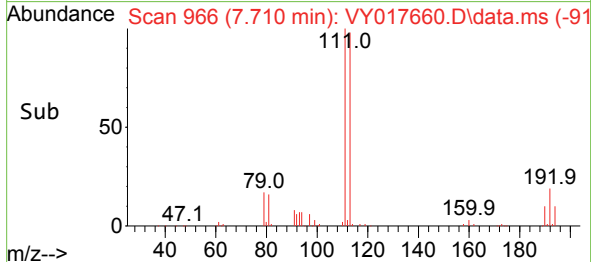
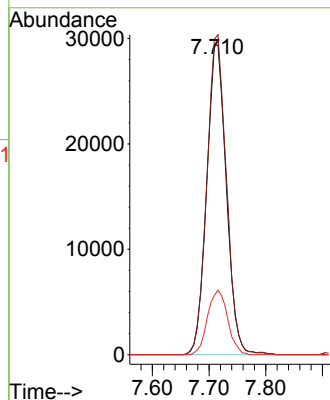
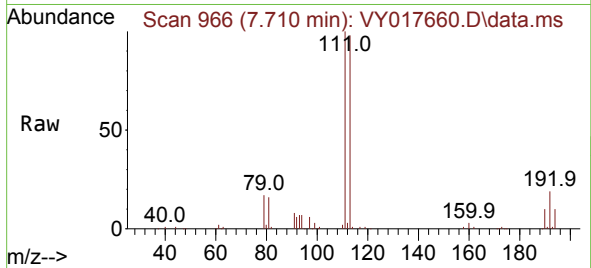




#35
Dibromofluoromethane
Concen: 41.851 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

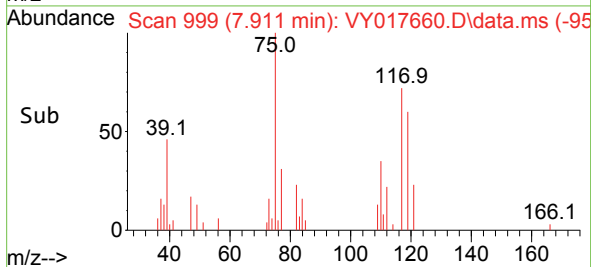
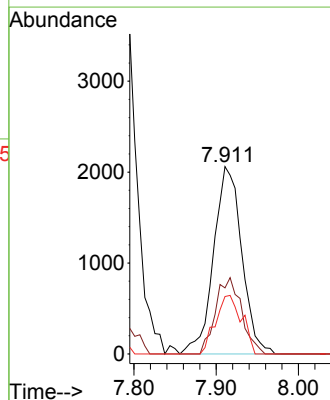
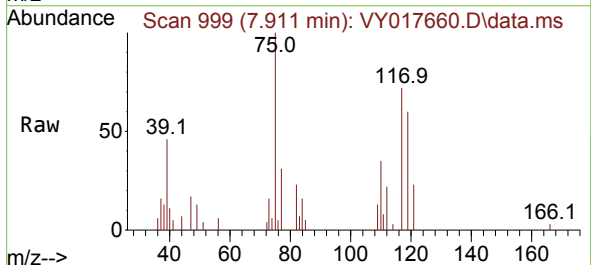
Instrument :
MSVOA_Y
ClientSampleId :
MDL06

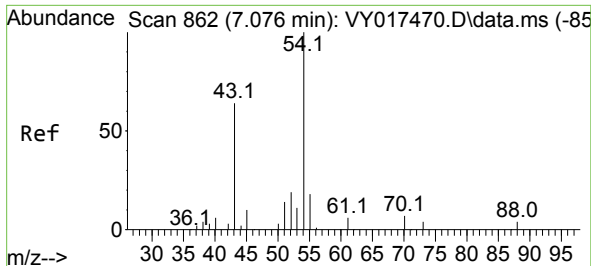
Tgt Ion:113 Resp: 70855
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 21.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 2.152 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion: 75 Resp: 4915
Ion Ratio Lower Upper
75 100
110 37.5 19.0 57.0
77 29.0 25.3 37.9

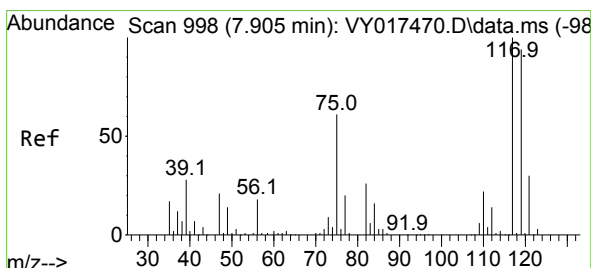
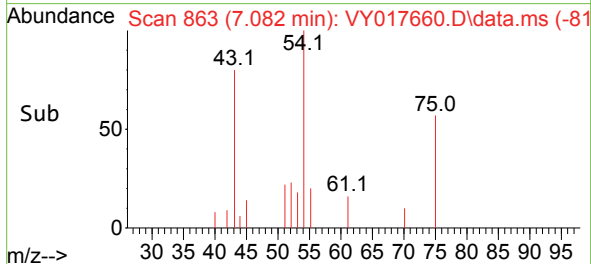
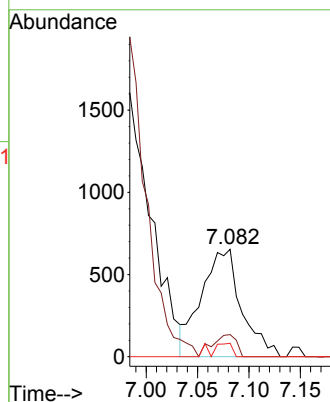
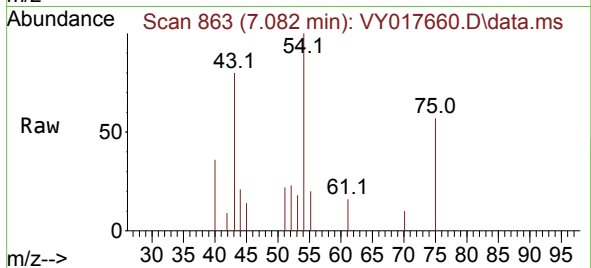




#37
Ethyl Acetate
Concen: 1.967 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

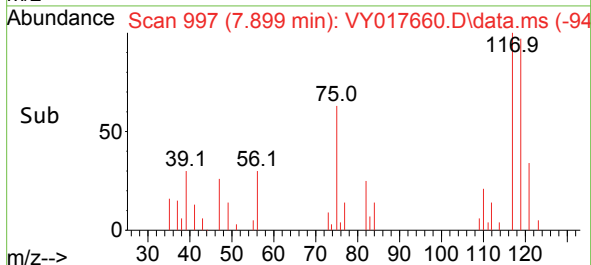
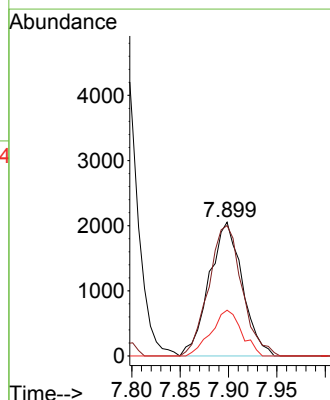
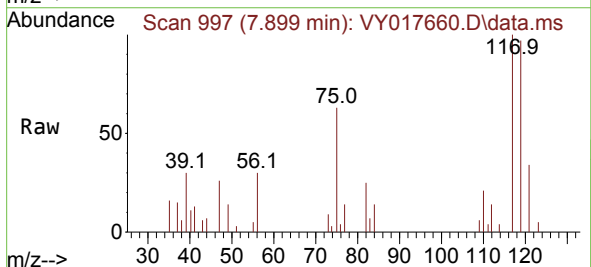
Instrument :
MSVOA_Y
ClientSampleId :
MDL06

Tgt Ion: 43 Resp: 1775
Ion Ratio Lower Upper
43 100
61 12.4 12.6 19.0#
70 6.5 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 2.140 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion: 117 Resp: 4900
Ion Ratio Lower Upper
117 100
119 97.4 75.8 113.6
121 34.3 24.0 36.0





#39

Methylcyclohexane

Concen: 1.783 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

MDL06

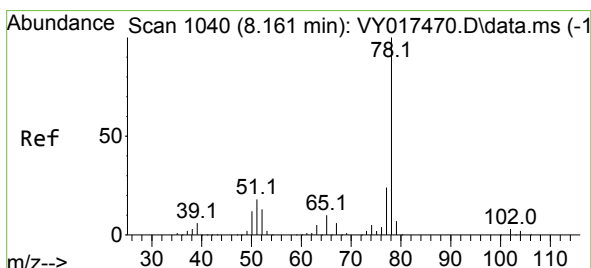
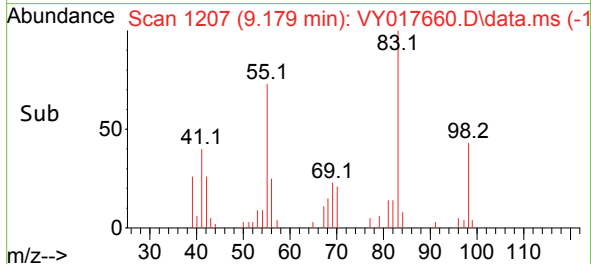
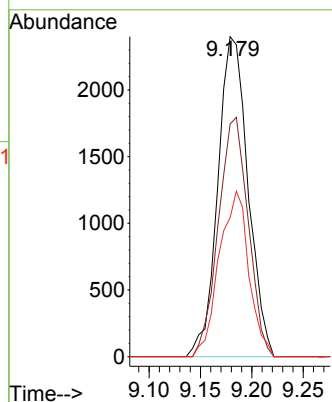
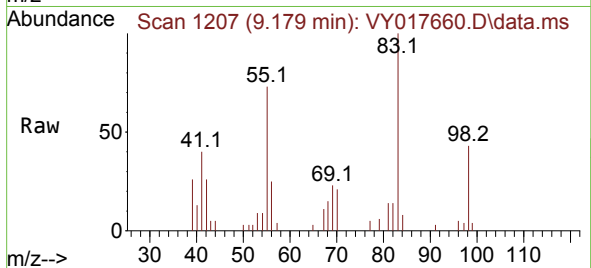
Tgt Ion: 83 Resp: 4894

Ion Ratio Lower Upper

83 100

55 72.7 51.5 77.3

98 43.4 40.5 60.7



#40

Benzene

Concen: 2.122 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY017660.D

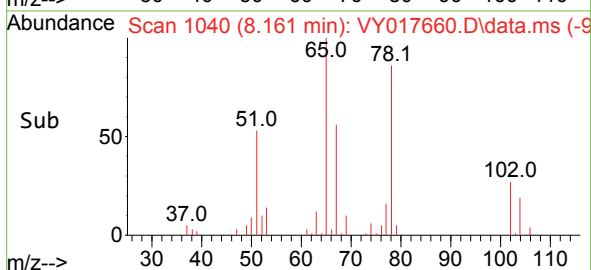
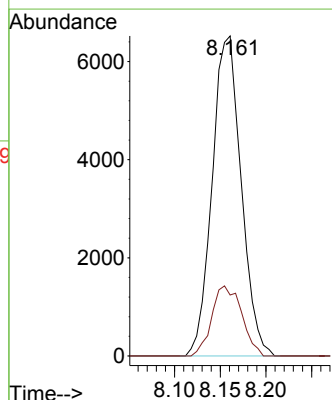
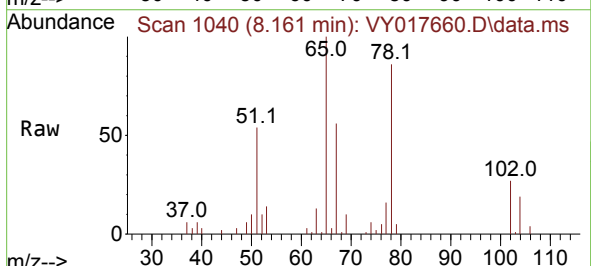
Acq: 14 Mar 2024 13:11

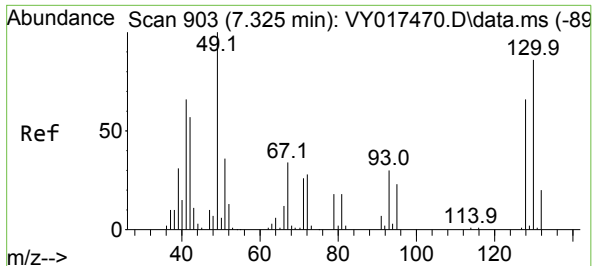
Tgt Ion: 78 Resp: 14393

Ion Ratio Lower Upper

78 100

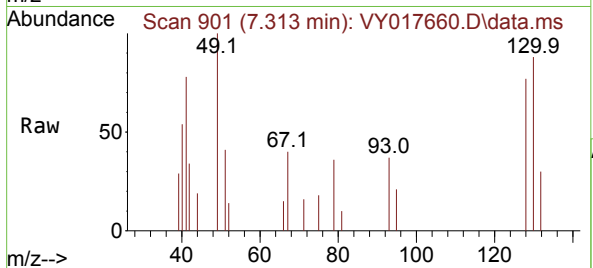
77 19.0 19.5 29.3#



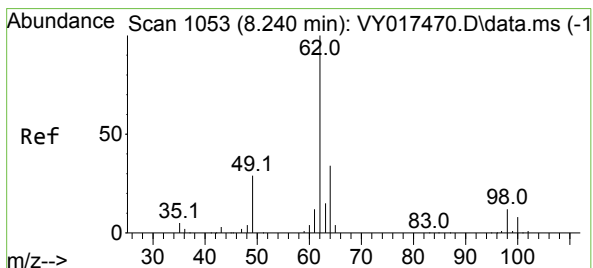
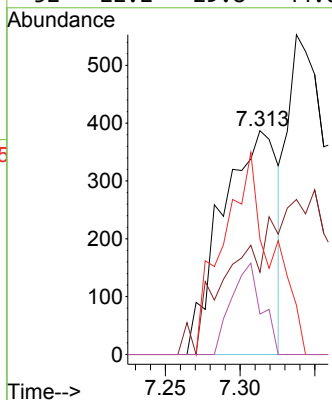
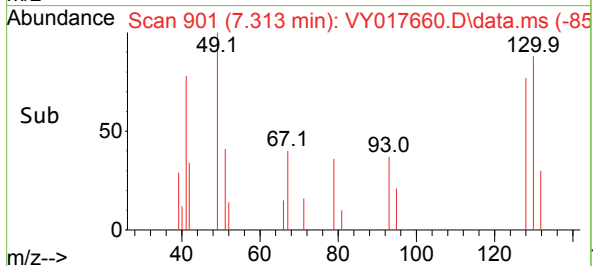


#41
Methacrylonitrile
Concen: 2.204 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Instrument :
MSVOA_Y
ClientSampleId :
MDL06

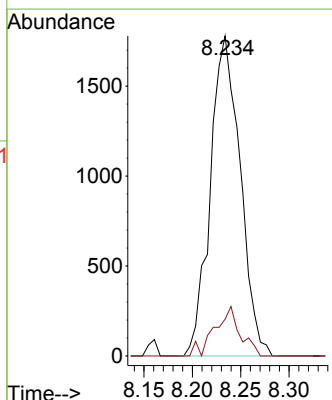
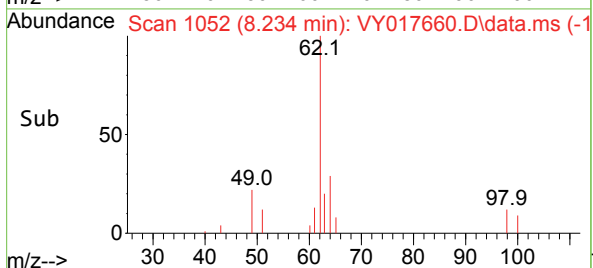
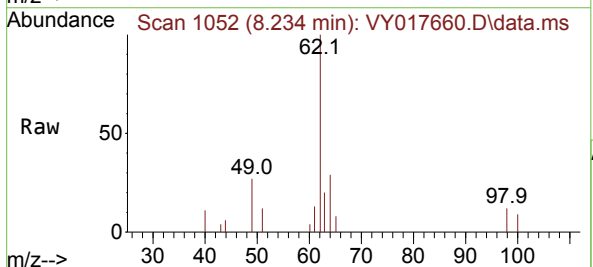


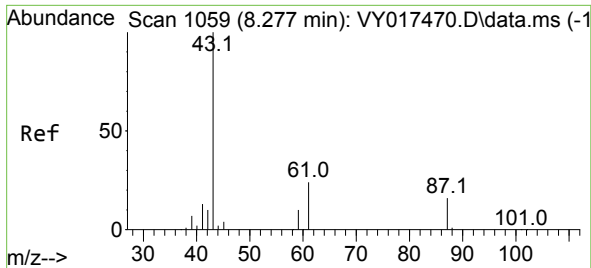
Tgt Ion: 41 Resp: 998
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 78.7 75.1 112.7
52 22.2 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 2.310 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion: 62 Resp: 3824
Ion Ratio Lower Upper
62 100
98 13.2 0.0 22.0

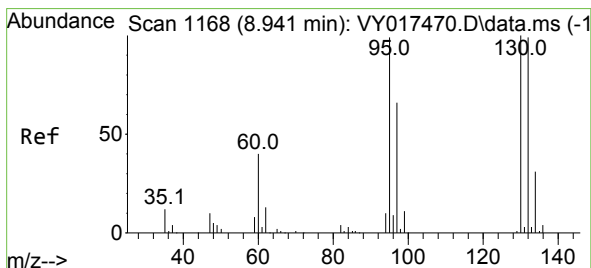
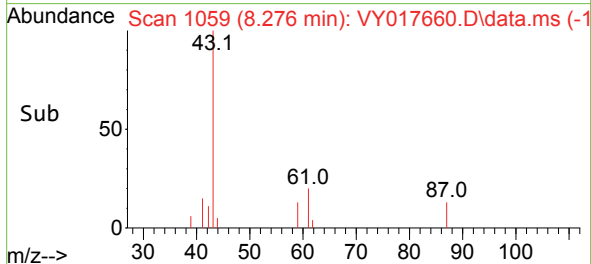
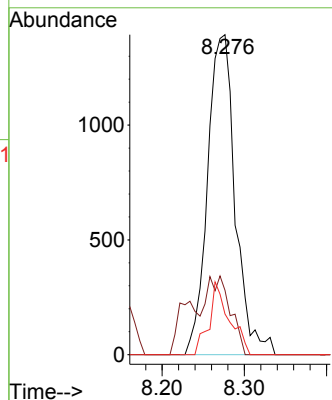
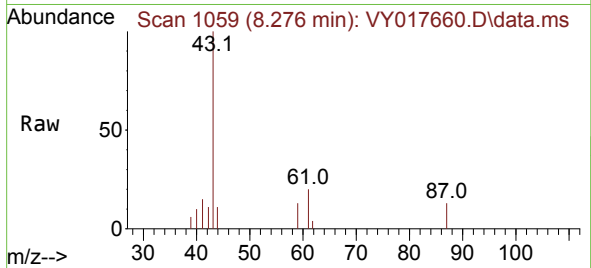




#43
Isopropyl Acetate
Concen: 2.054 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

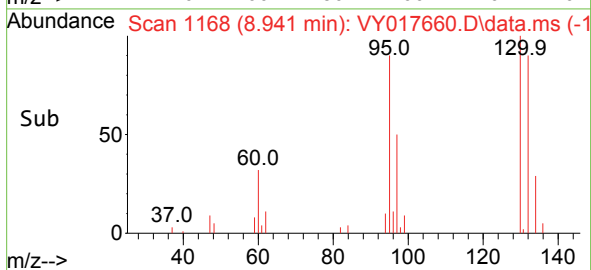
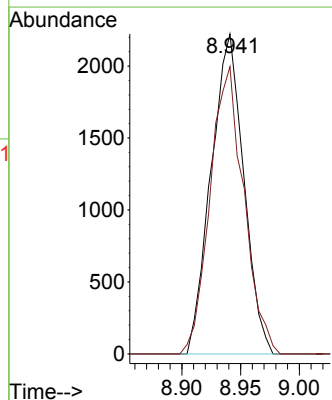
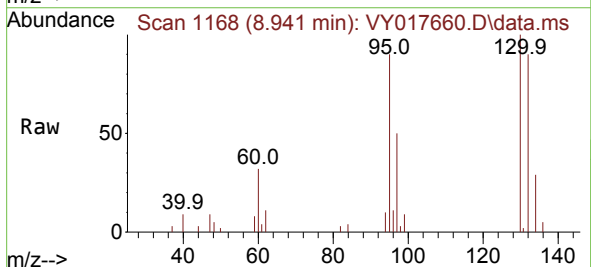
Instrument : MSVOA_Y
ClientSampleId : MDL06

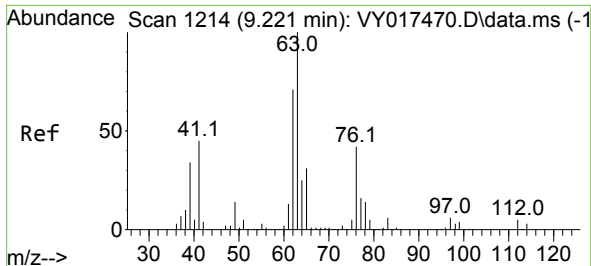
Tgt Ion: 43 Resp: 3256
Ion Ratio Lower Upper
43 100
61 21.3 27.9 41.9#
87 16.6 13.1 19.7



#44
Trichloroethene
Concen: 2.195 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion:130 Resp: 4292
Ion Ratio Lower Upper
130 100
95 89.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 2.128 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

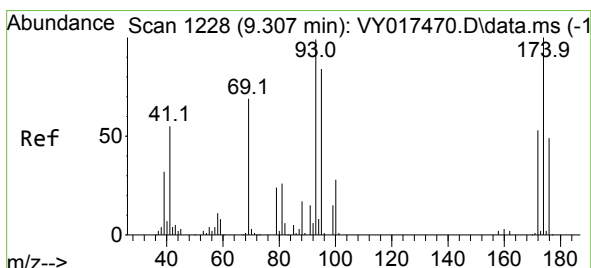
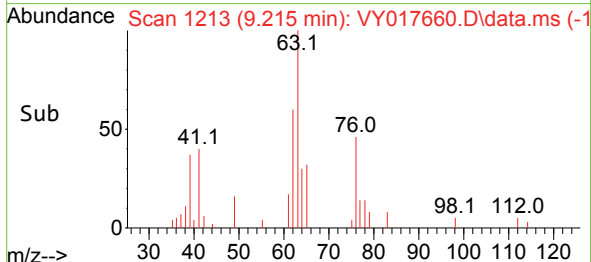
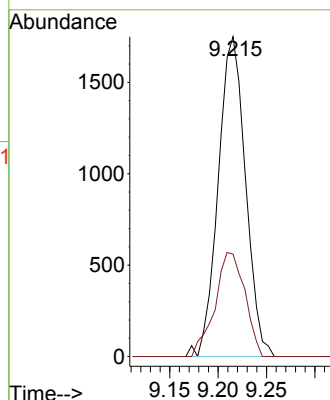
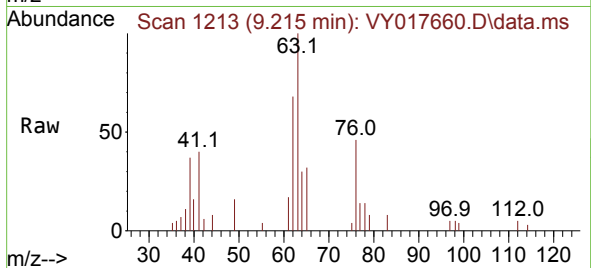
MDL06

Tgt Ion: 63 Resp: 3435

Ion Ratio Lower Upper

63 100

65 32.1 25.4 38.2



#46

Dibromomethane

Concen: 2.033 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

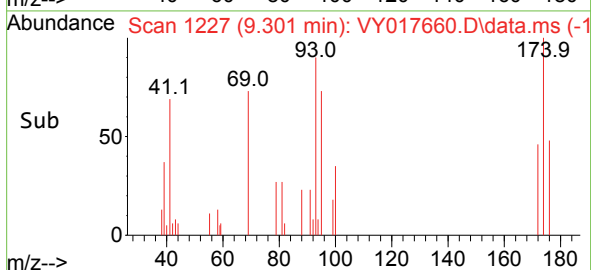
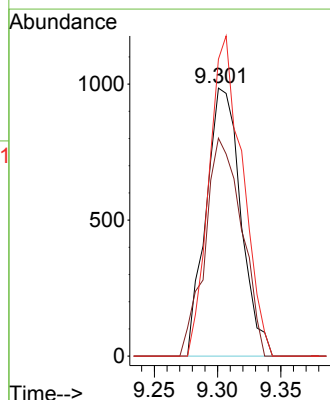
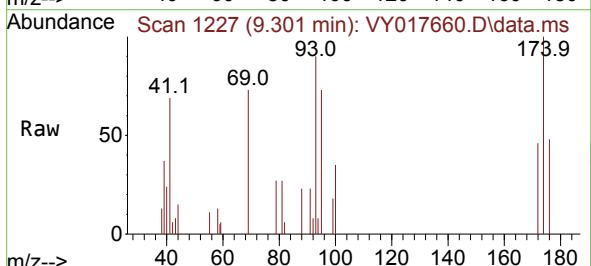
Tgt Ion: 93 Resp: 1878

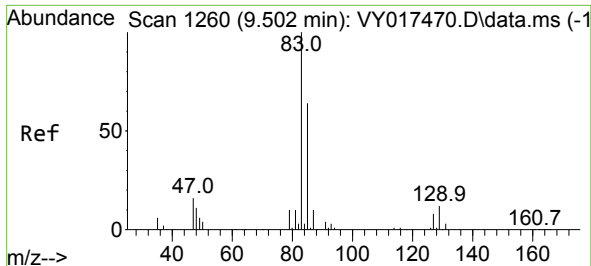
Ion Ratio Lower Upper

93 100

95 86.2 66.2 99.4

174 115.1 80.9 121.3

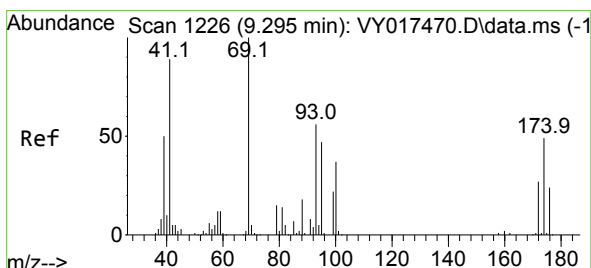
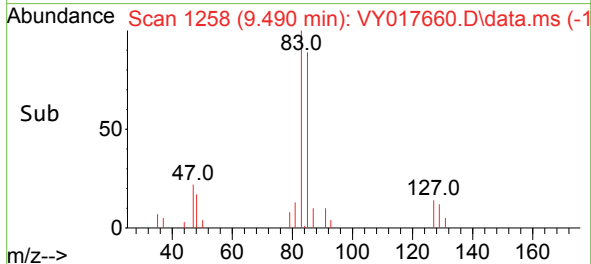
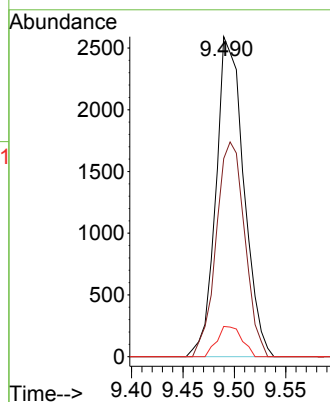
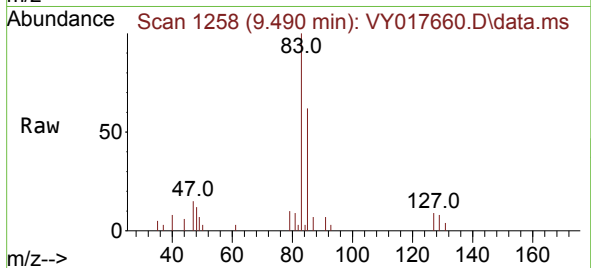




#47
Bromodichloromethane
Concen: 2.174 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.012 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

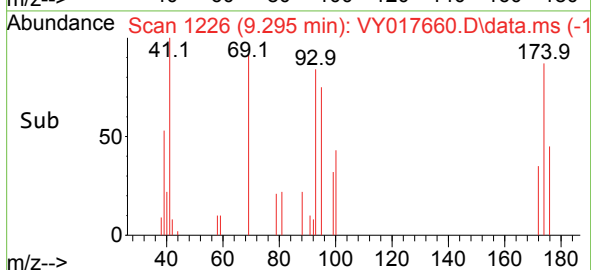
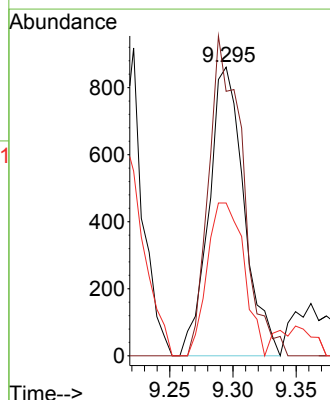
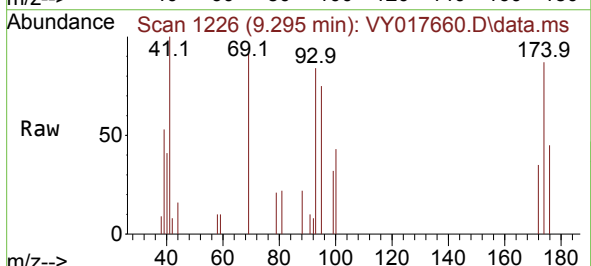
Instrument :
MSVOA_Y
ClientSampleId :
MDL06

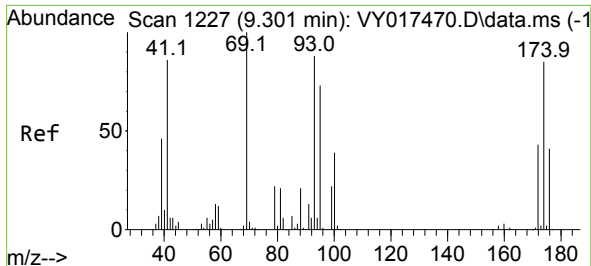
Tgt Ion: 83	Resp:	4876
Ion	Ratio	Lower Upper
83	100	
85	61.9	50.1 75.1
127	9.5	7.4 11.0



#48
Methyl methacrylate
Concen: 2.270 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion: 41	Resp:	1666
Ion	Ratio	Lower Upper
41	100	
69	106.6	84.1 126.1
39	55.0	43.6 65.4





#49

1,4-Dioxane

Concen: 42.092 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

MDL06

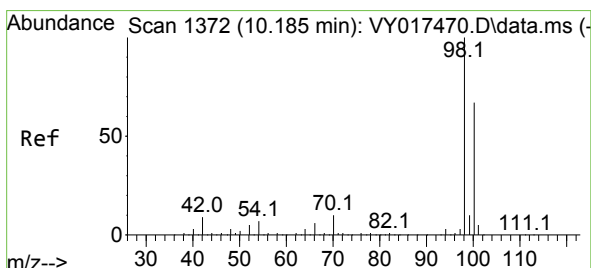
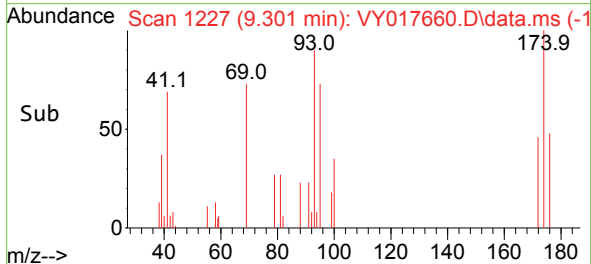
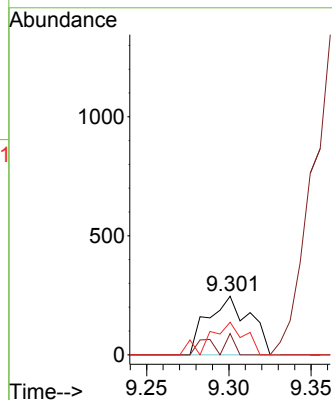
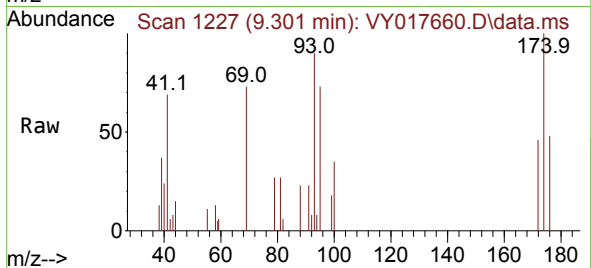
Tgt Ion: 88 Resp: 440

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 45.7 49.3 73.9#



#50

Toluene-d8

Concen: 42.549 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY017660.D

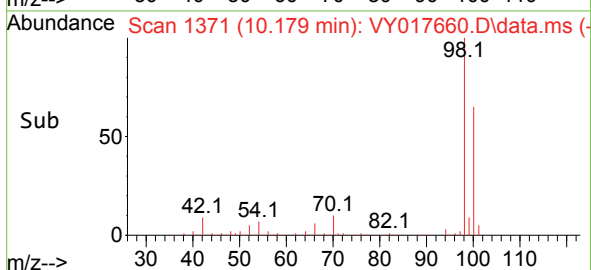
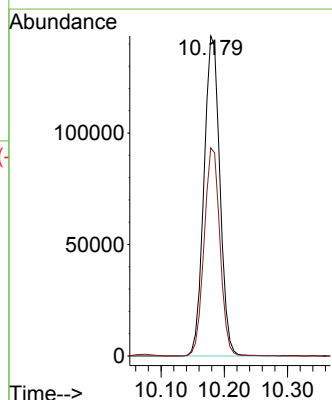
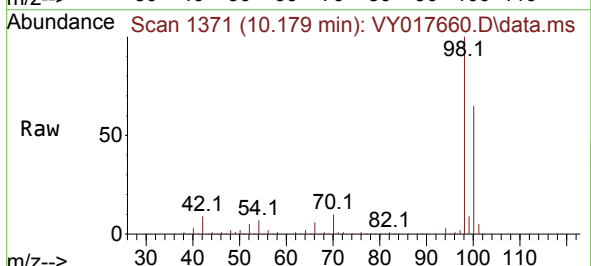
Acq: 14 Mar 2024 13:11

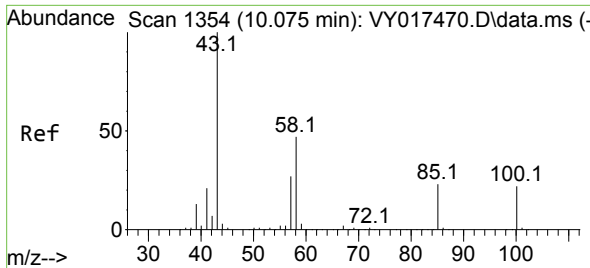
Tgt Ion: 98 Resp: 251870

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

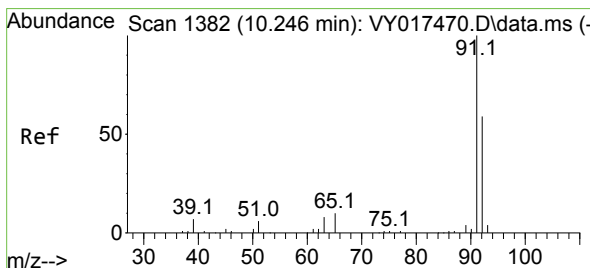
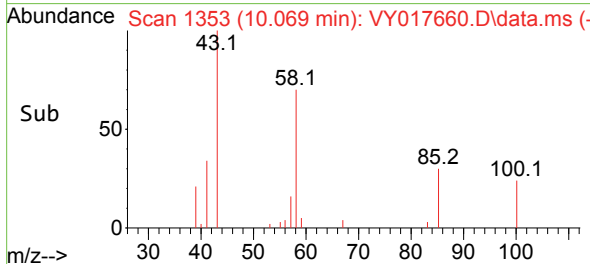
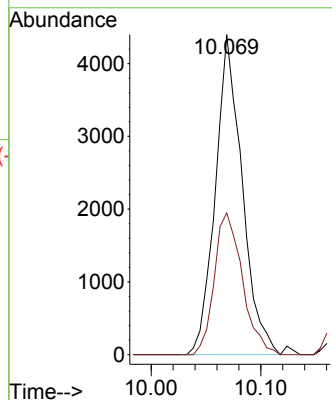
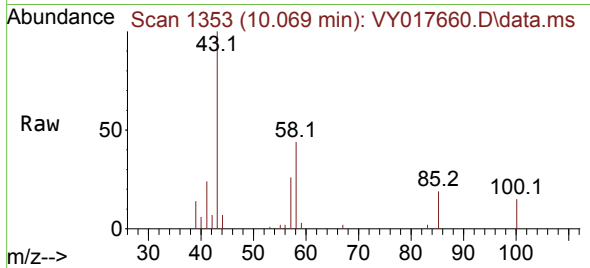




#51
4-Methyl-2-Pentanone
Concen: 8.452 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

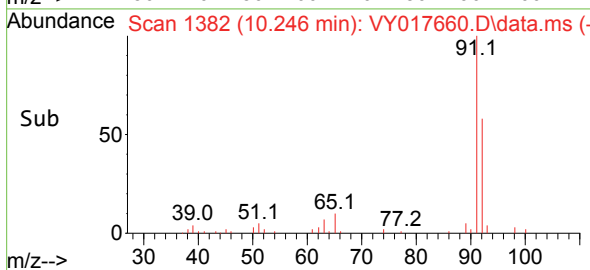
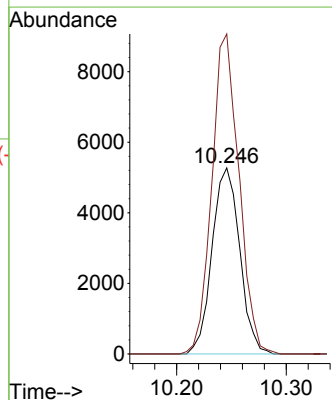
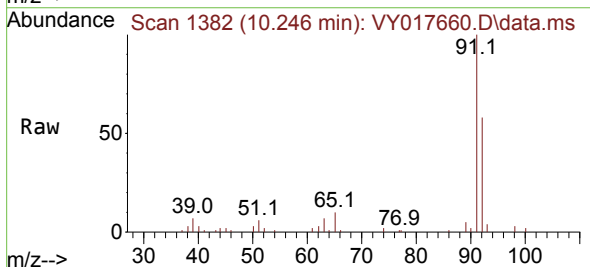
Instrument :
MSVOA_Y
ClientSampleId :
MDL06

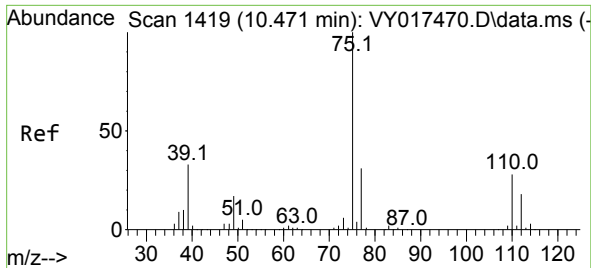
Tgt Ion: 43 Resp: 7468
Ion Ratio Lower Upper
43 100
58 46.4 35.7 53.5



#52
Toluene
Concen: 2.161 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion: 92 Resp: 9240
Ion Ratio Lower Upper
92 100
91 168.6 139.0 208.6

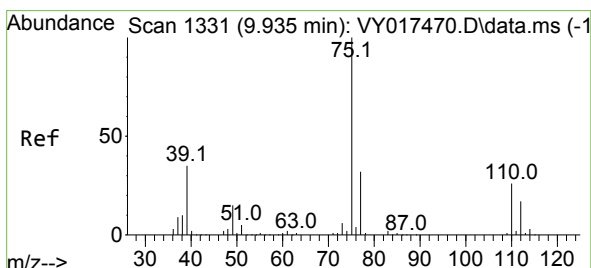
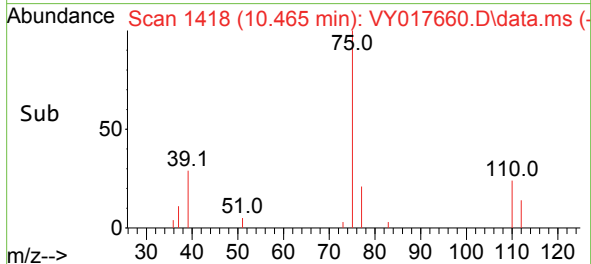
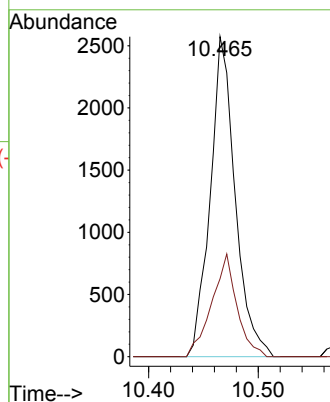
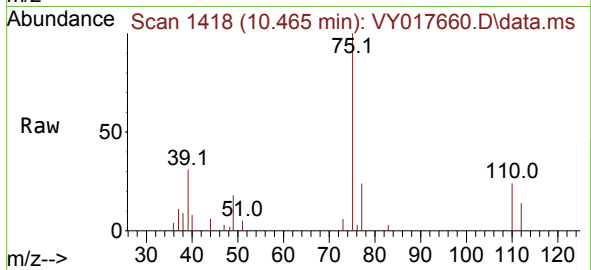




#53
 t-1,3-Dichloropropene
 Concen: 1.957 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY017660.D
 Acq: 14 Mar 2024 13:11

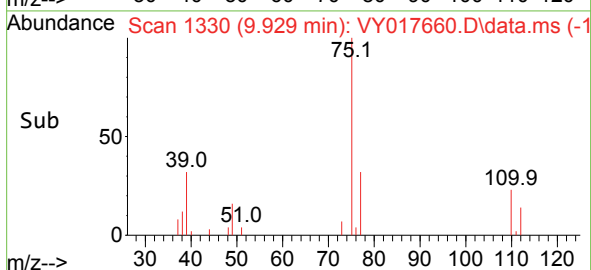
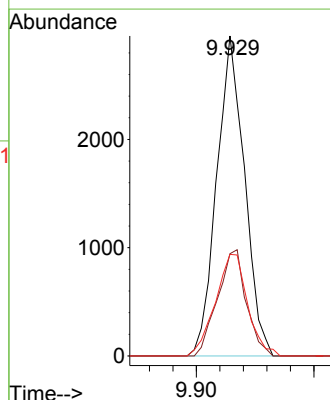
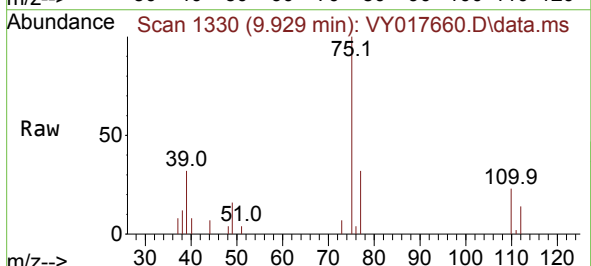
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL06

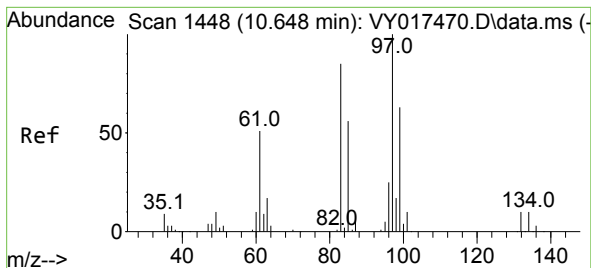
Tgt Ion: 75 Resp: 4074
 Ion Ratio Lower Upper
 75 100
 77 24.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 1.924 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY017660.D
 Acq: 14 Mar 2024 13:11

Tgt Ion: 75 Resp: 4866
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0
 39 31.8 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 2.073 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

MDL06

Tgt Ion: 97 Resp: 2719

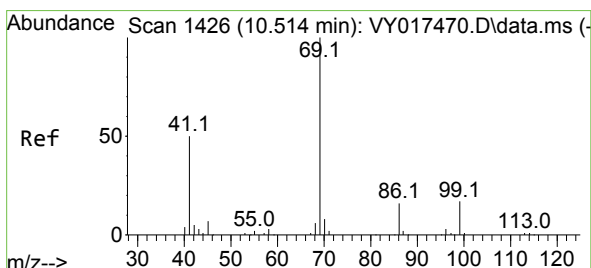
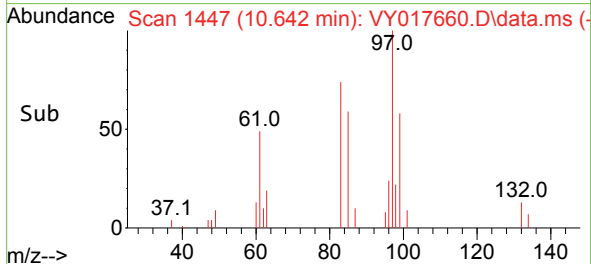
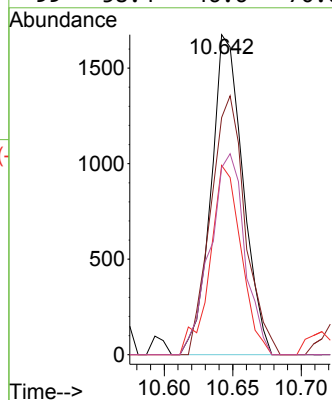
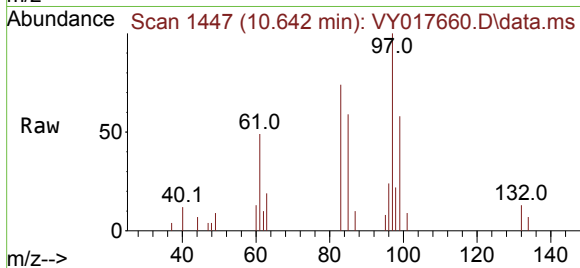
Ion Ratio Lower Upper

97 100

83 74.1 67.5 101.3

85 59.2 42.9 64.3

99 58.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 1.374 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.000 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

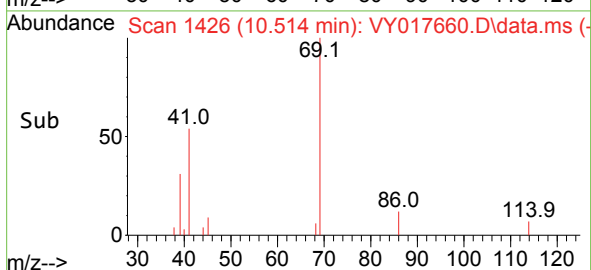
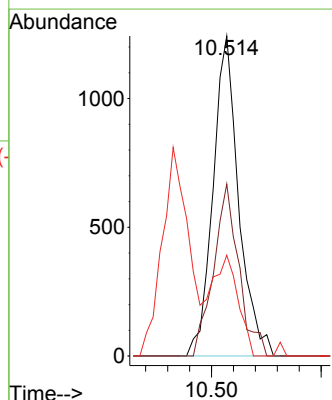
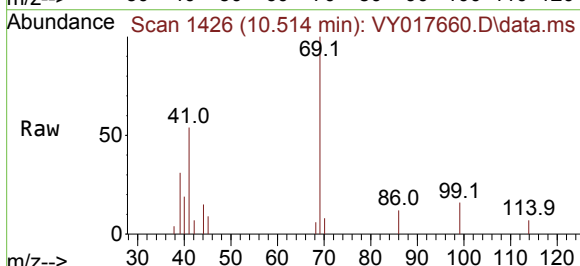
Tgt Ion: 69 Resp: 2021

Ion Ratio Lower Upper

69 100

41 52.8 42.3 63.5

39 29.3 22.9 34.3

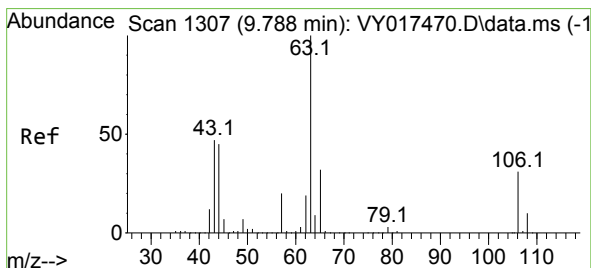
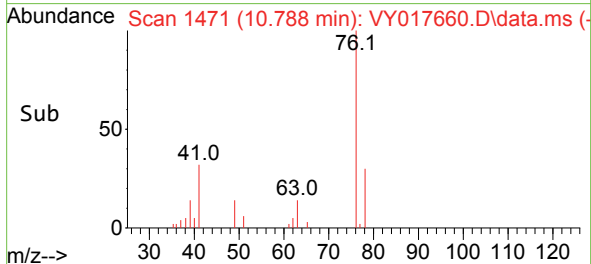
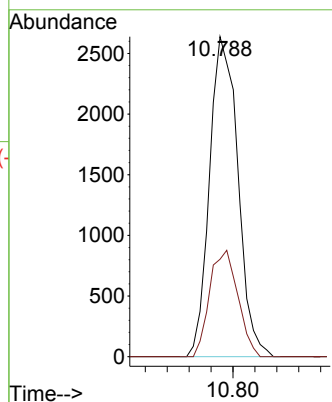
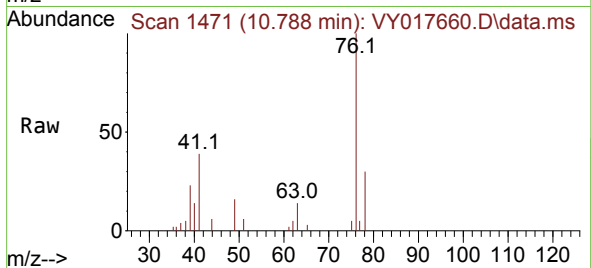




#57
1,3-Dichloropropane
Concen: 2.222 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

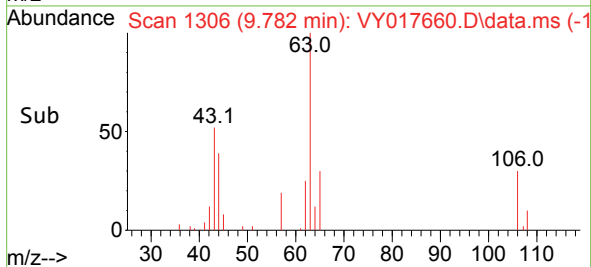
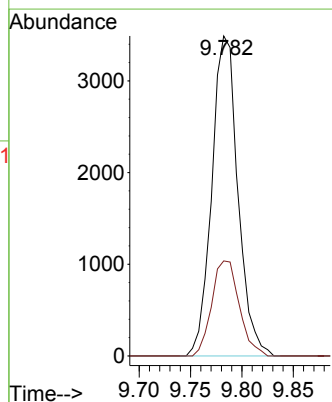
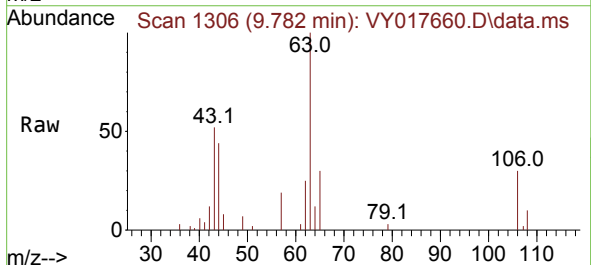
Instrument :
MSVOA_Y
ClientSampleId :
MDL06

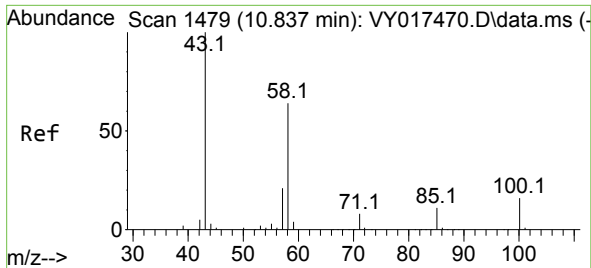
Tgt Ion: 76 Resp: 4738
Ion Ratio Lower Upper
76 100
78 33.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 8.137 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion: 63 Resp: 6158
Ion Ratio Lower Upper
63 100
106 31.3 23.7 35.5

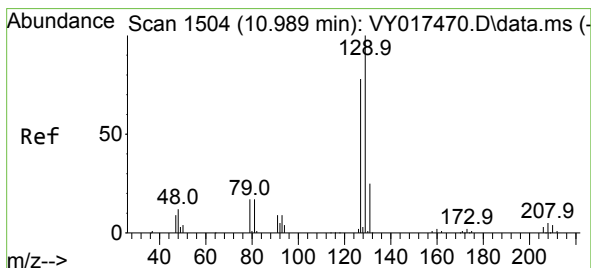
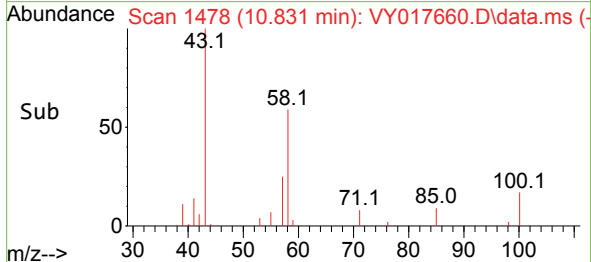
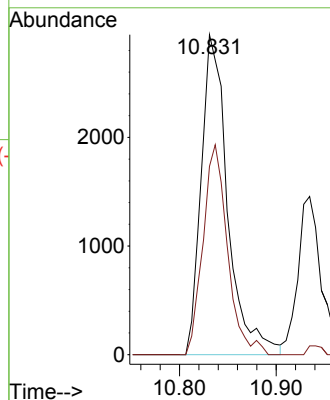
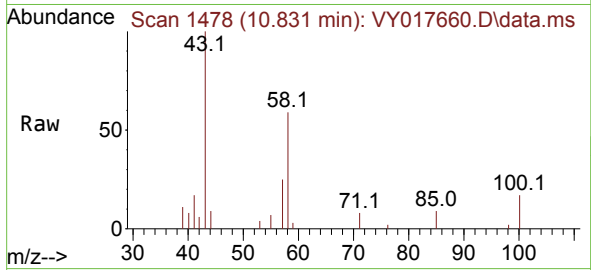




#59
2-Hexanone
Concen: 9.245 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

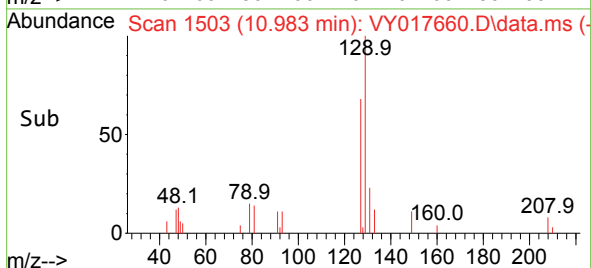
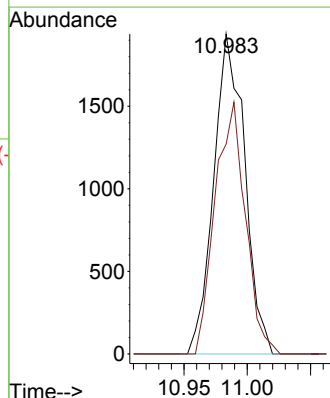
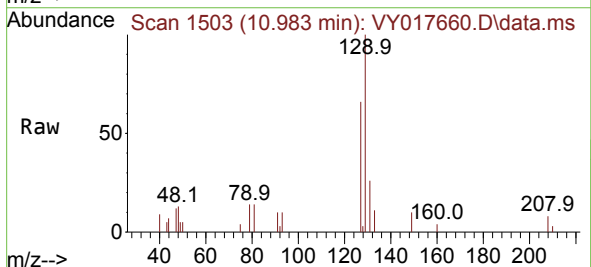
Instrument :
MSVOA_Y
ClientSampleId :
MDL06

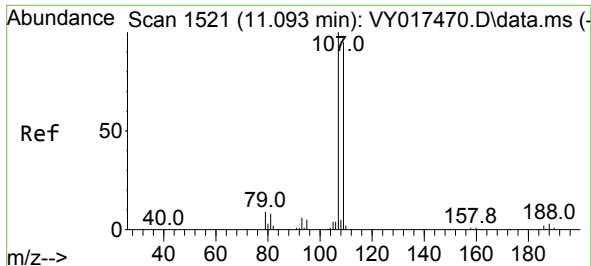
Tgt Ion: 43 Resp: 5611
Ion Ratio Lower Upper
43 100
58 60.8 31.4 94.0



#60
Dibromochloromethane
Concen: 2.127 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion: 129 Resp: 3300
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0

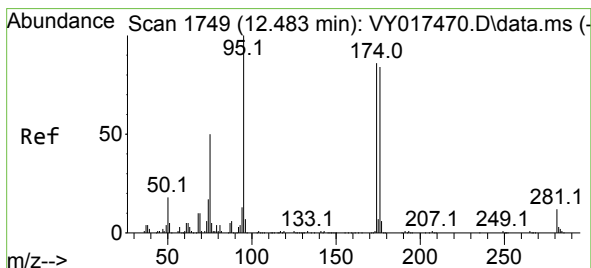
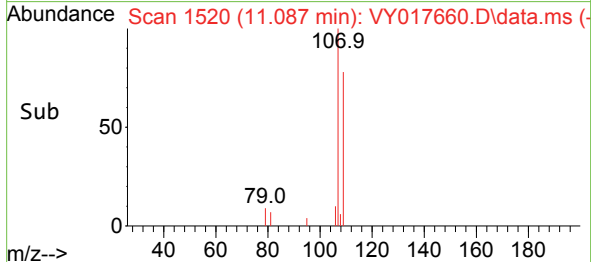
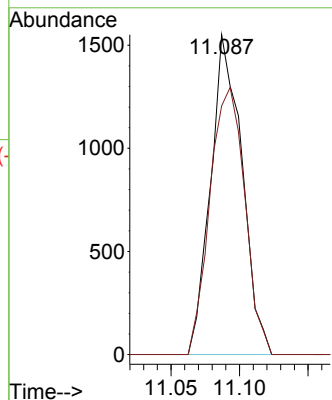
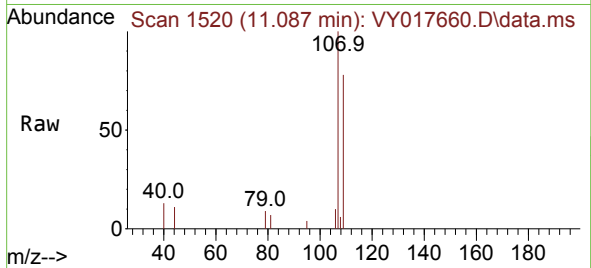




#61
1,2-Dibromoethane
Concen: 2.040 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

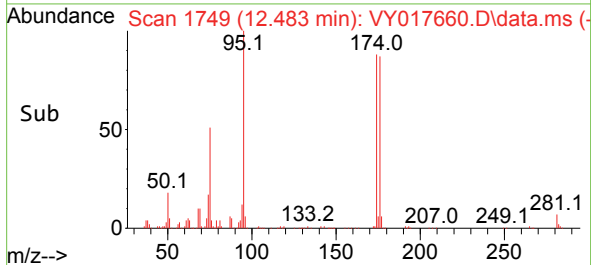
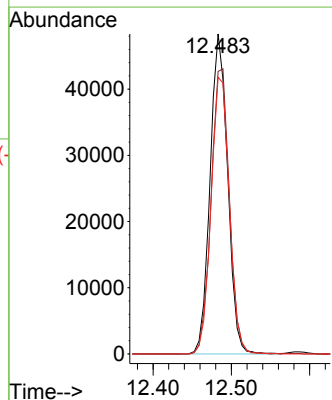
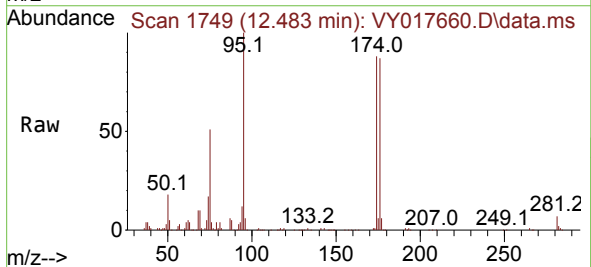
Instrument :
MSVOA_Y
ClientSampleId :
MDL06

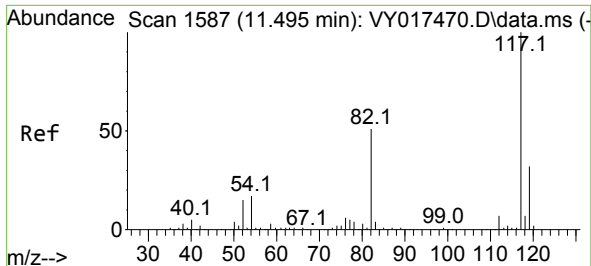
Tgt Ion:107 Resp: 2466
Ion Ratio Lower Upper
107 100
109 92.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 40.419 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion: 95 Resp: 75193
Ion Ratio Lower Upper
95 100
174 92.8 0.0 175.6
176 90.0 0.0 171.4

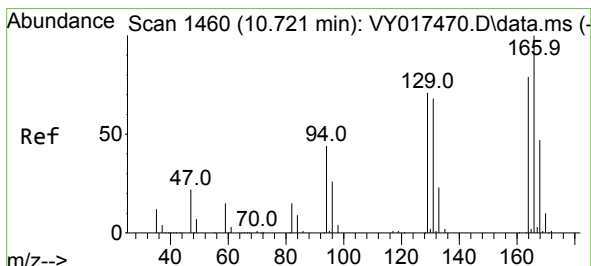
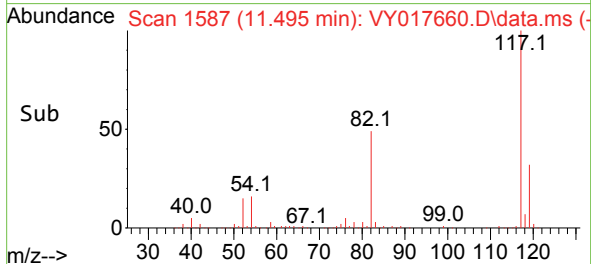
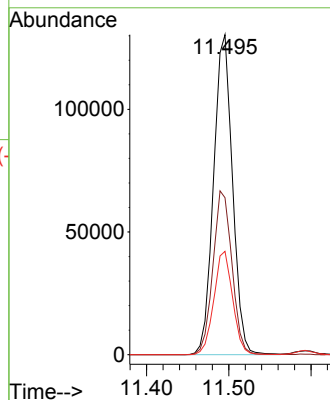
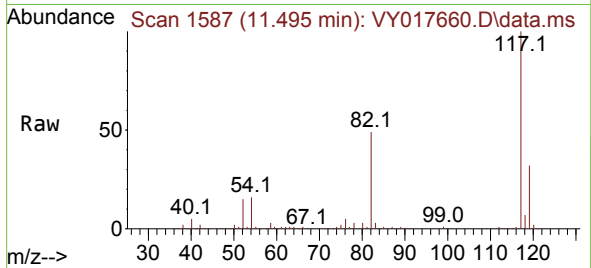




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

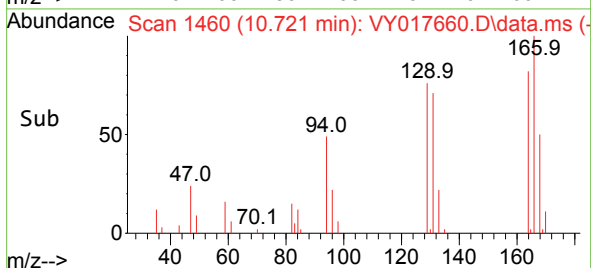
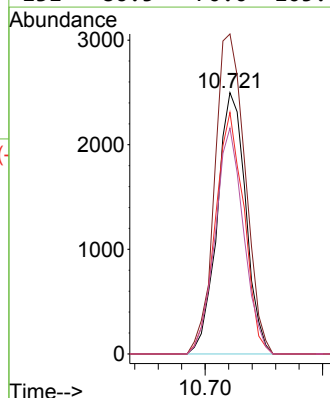
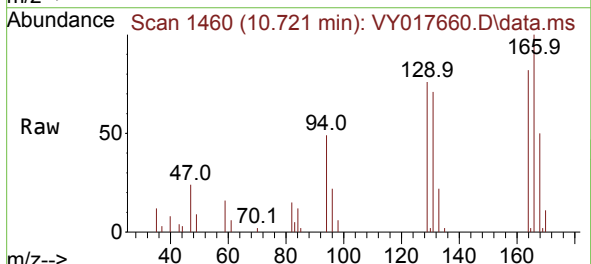
Instrument :
MSVOA_Y
ClientSampleId :
MDL06

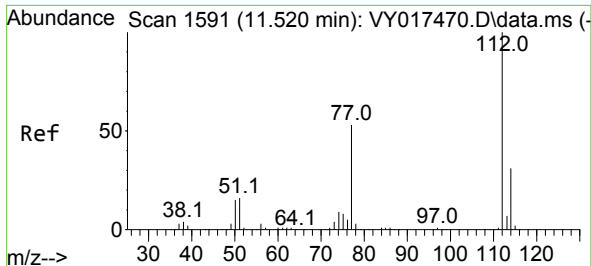
Tgt Ion:117 Resp: 208550
Ion Ratio Lower Upper
117 100
82 49.1 42.4 63.6
119 32.3 25.9 38.9



#64
Tetrachloroethene
Concen: 2.104 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion:164 Resp: 4211
Ion Ratio Lower Upper
164 100
166 122.5 102.6 154.0
129 92.5 72.0 108.0
131 86.5 70.0 105.0

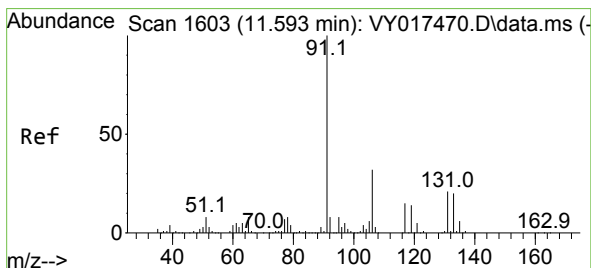
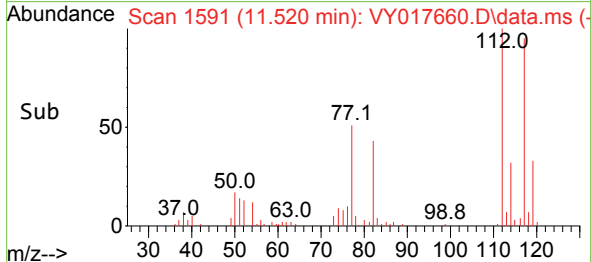
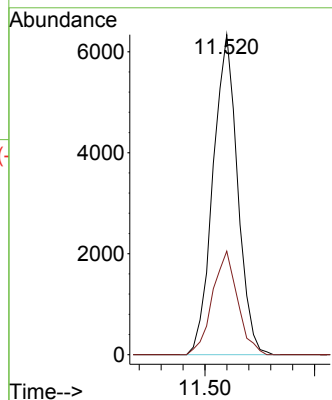
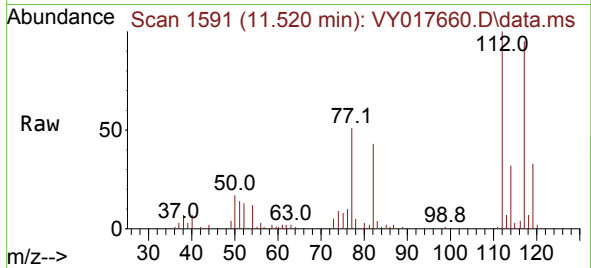




#65
Chlorobenzene
Concen: 2.234 ug/l
RT: 11.520 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

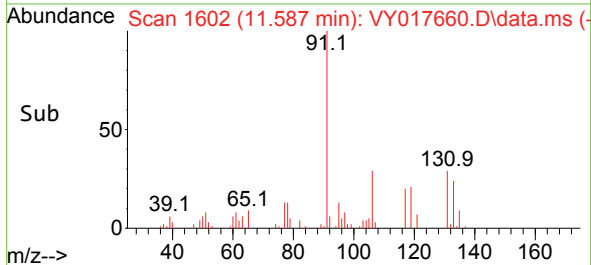
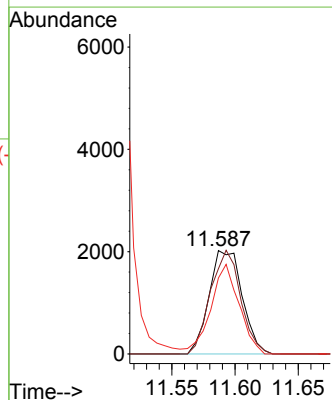
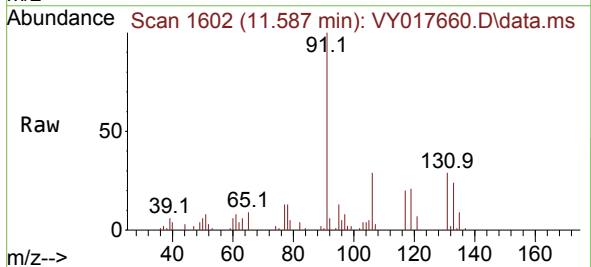
Instrument :
MSVOA_Y
ClientSampleId :
MDL06

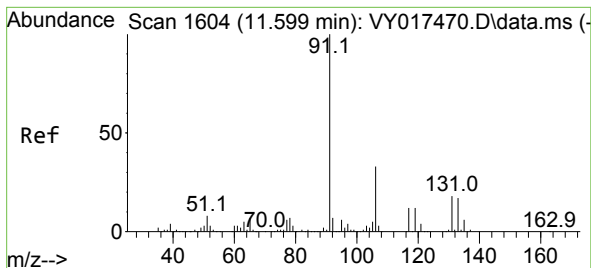
Tgt Ion:112 Resp: 9887
Ion Ratio Lower Upper
112 100
114 32.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.221 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion:131 Resp: 3684
Ion Ratio Lower Upper
131 100
133 91.5 47.8 143.3
119 74.5 34.1 102.2





#67

Ethyl Benzene

Concen: 1.975 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

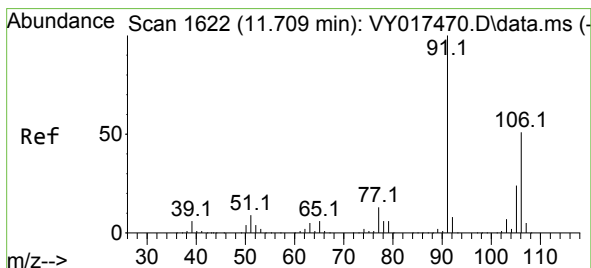
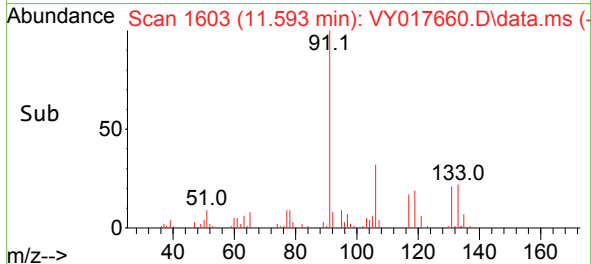
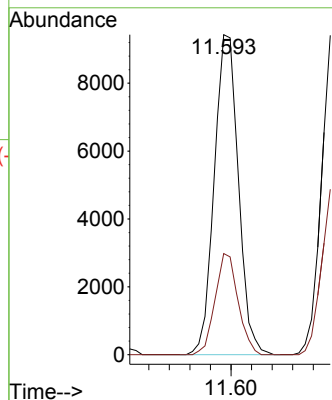
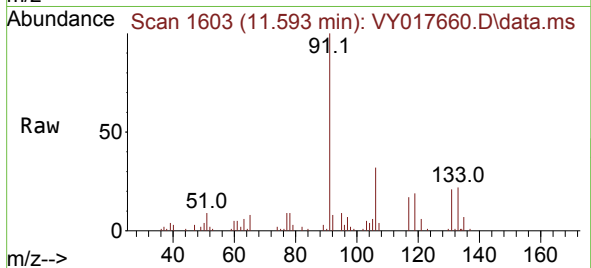
MDL06

Tgt Ion: 91 Resp: 15332

Ion Ratio Lower Upper

91 100

106 31.6 24.5 36.7



#68

m/p-Xylenes

Concen: 3.760 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY017660.D

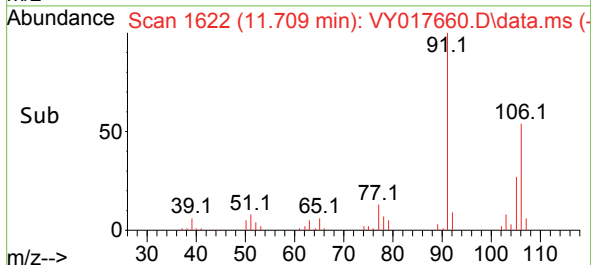
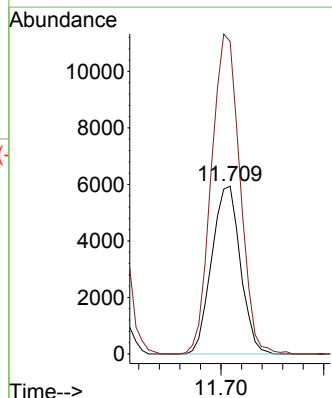
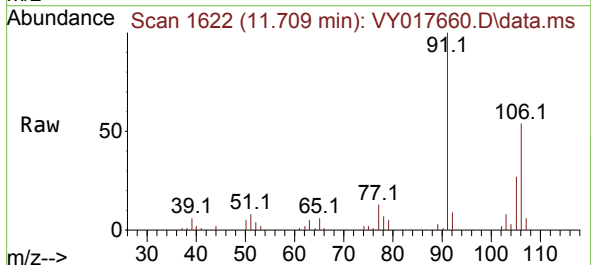
Acq: 14 Mar 2024 13:11

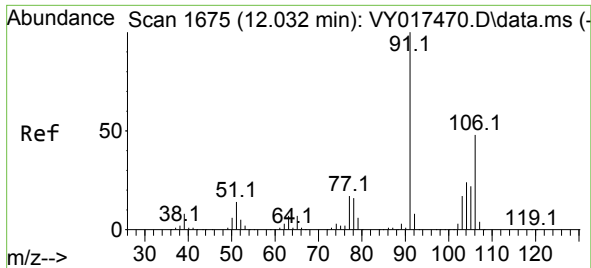
Tgt Ion:106 Resp: 11471

Ion Ratio Lower Upper

106 100

91 190.5 156.0 234.0

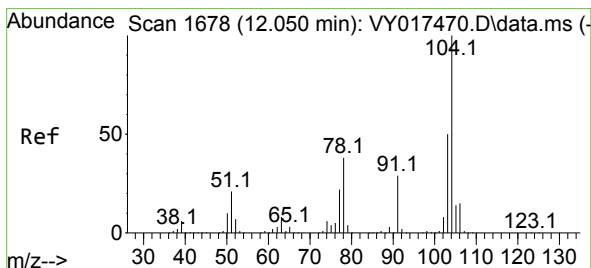
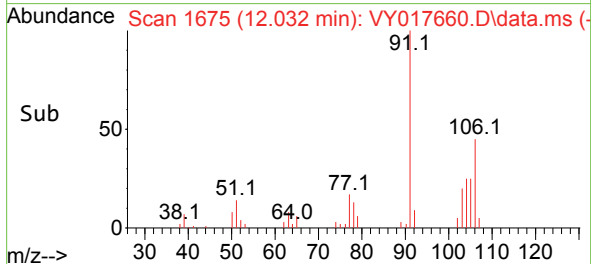
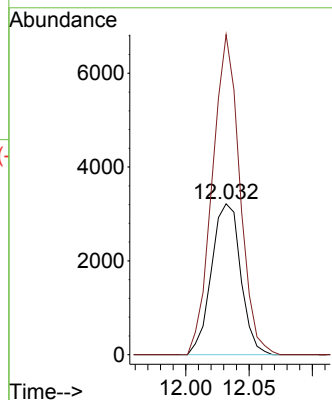
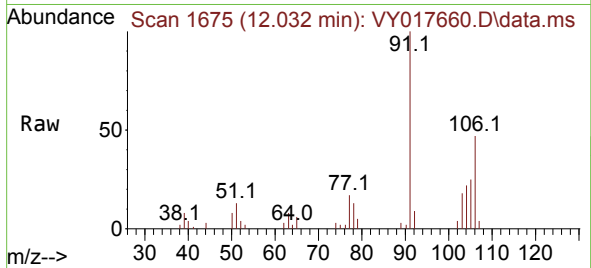




#69
o-Xylene
Concen: 1.826 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

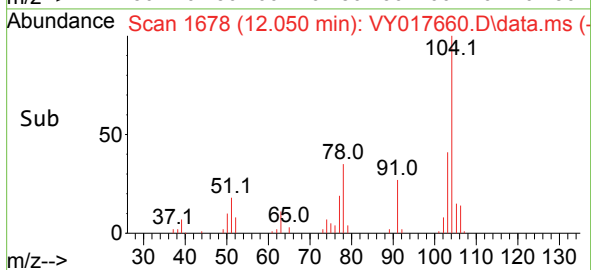
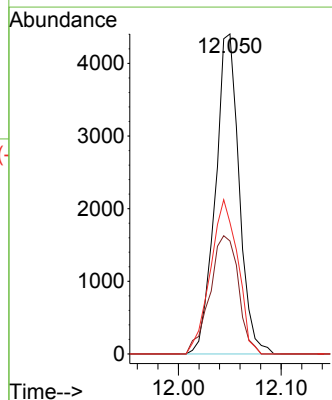
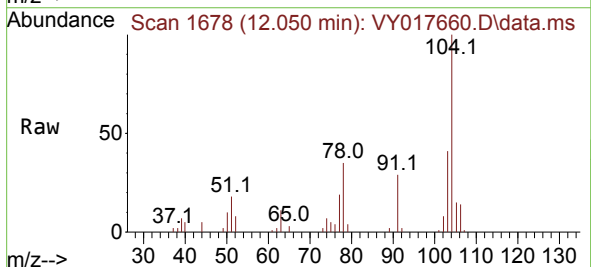
Instrument :
MSVOA_Y
ClientSampleId :
MDL06

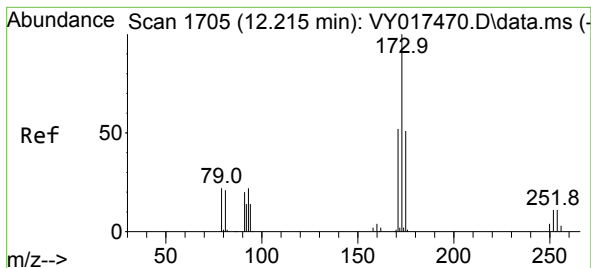
Tgt Ion:106 Resp: 5167
Ion Ratio Lower Upper
106 100
91 198.7 103.6 310.8



#70
Styrene
Concen: 1.509 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion:104 Resp: 7088
Ion Ratio Lower Upper
104 100
78 44.3 37.0 55.4
103 55.5 44.2 66.2





#71

Bromoform

Concen: 2.195 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

MDL06

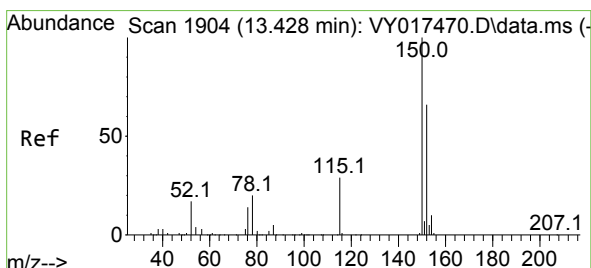
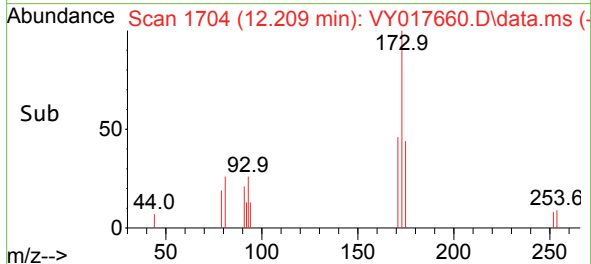
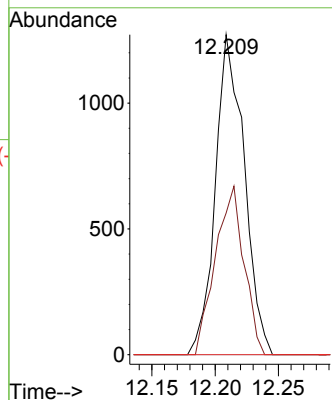
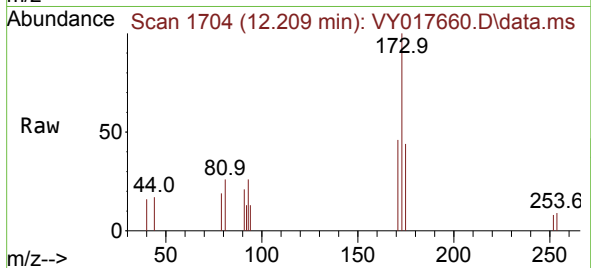
Tgt Ion:173 Resp: 2017

Ion Ratio Lower Upper

173 100

175 52.2 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

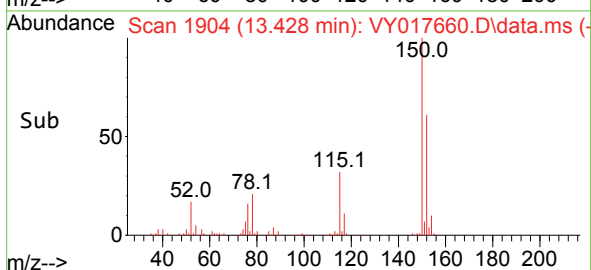
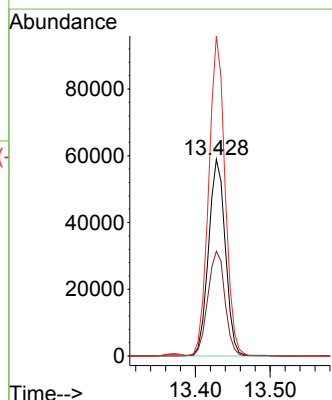
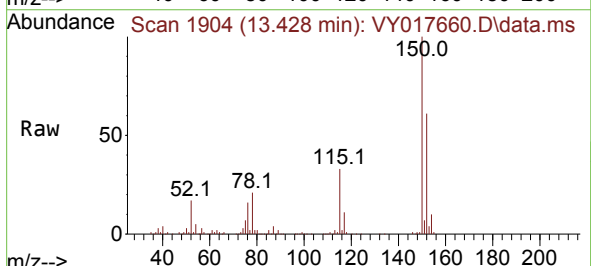
Tgt Ion:152 Resp: 91660

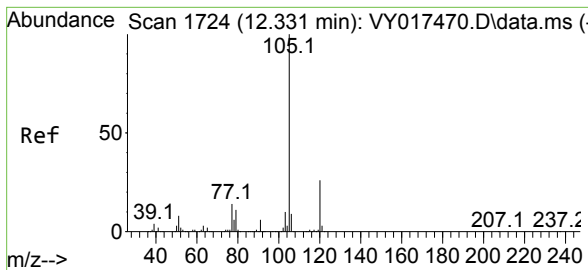
Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.7

150 158.4 0.0 345.6

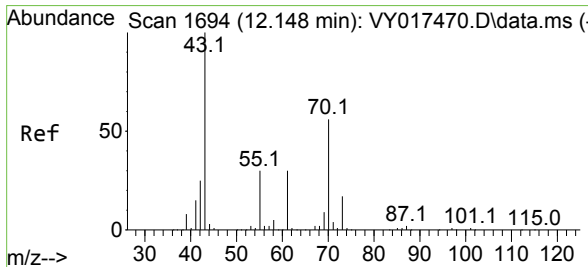
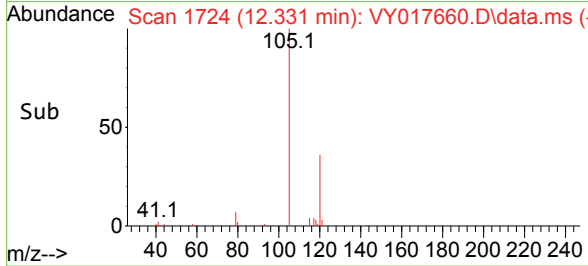
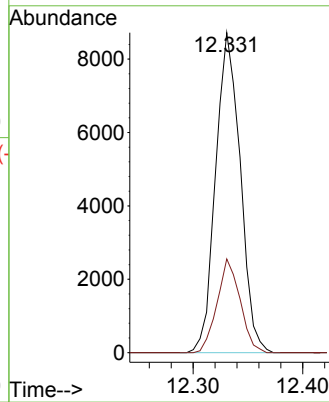
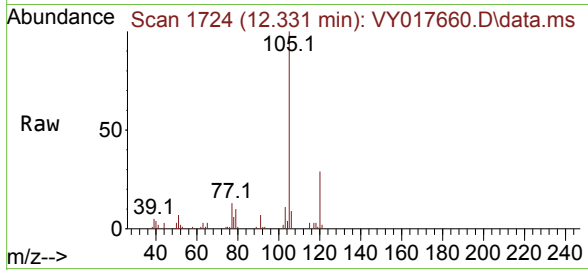




#73
Isopropylbenzene
Concen: 2.000 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

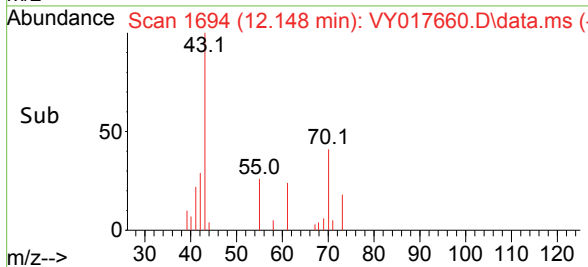
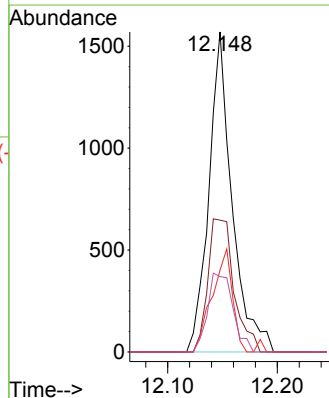
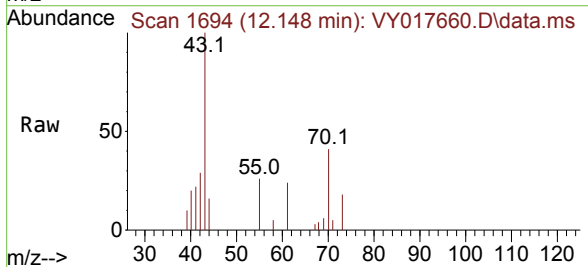
Instrument :
MSVOA_Y
ClientSampleId :
MDL06

Tgt Ion:105 Resp: 13618
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.1



#74
N-ethyl acetate
Concen: 1.924 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion: 43 Resp: 2311
Ion Ratio Lower Upper
43 100
70 46.9 41.4 62.2
55 28.2 23.3 34.9
61 26.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 2.443 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.000 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

MDL06

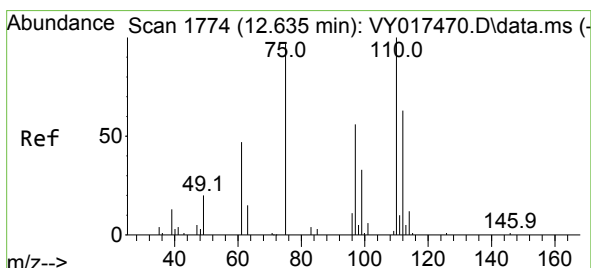
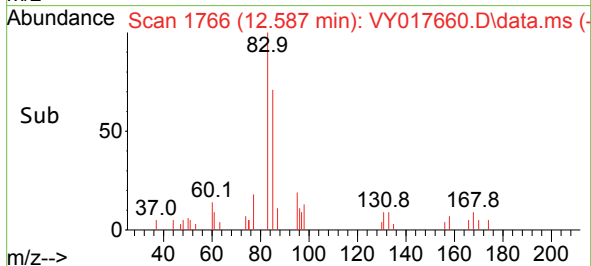
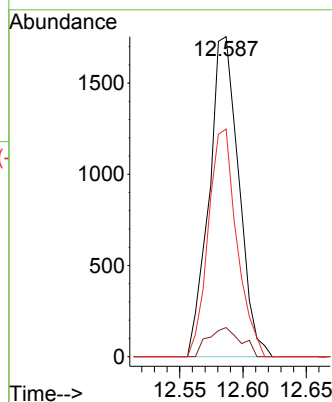
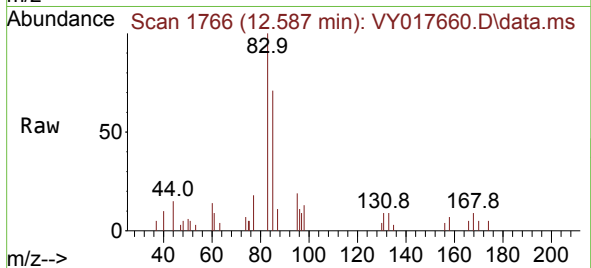
Tgt Ion: 83 Resp: 2857

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 68.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 4.426 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY017660.D

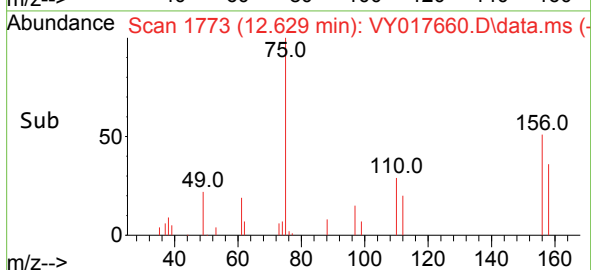
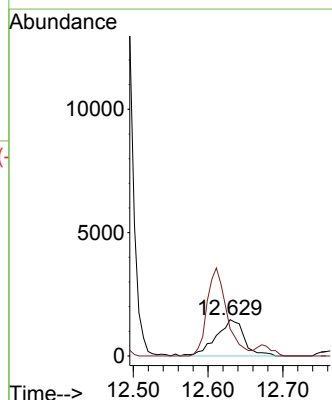
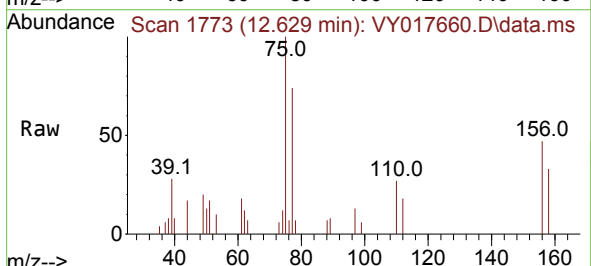
Acq: 14 Mar 2024 13:11

Tgt Ion: 75 Resp: 3855

Ion Ratio Lower Upper

75 100

77 169.9 0.0 0.0#





#77

Bromobenzene

Concen: 2.323 ug/l

RT: 12.611 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

MDL06

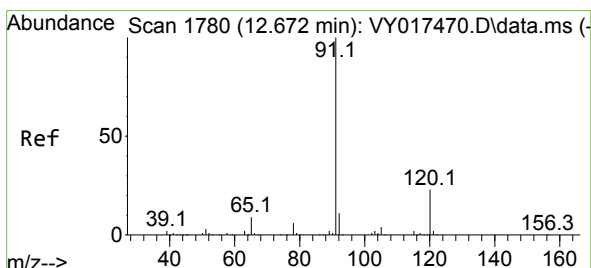
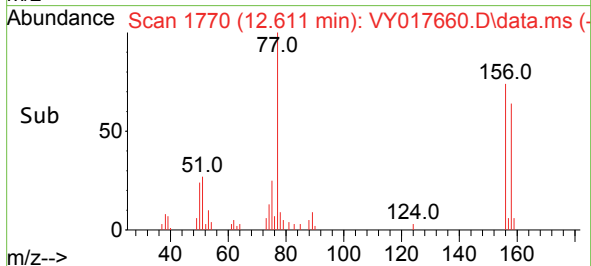
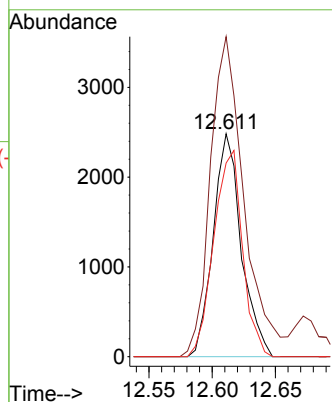
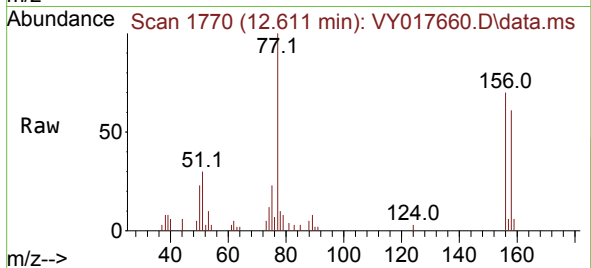
Tgt Ion:156 Resp: 3831

Ion Ratio Lower Upper

156 100

77 170.9 87.1 261.3

158 94.5 48.6 145.9



#78

n-propylbenzene

Concen: 2.085 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY017660.D

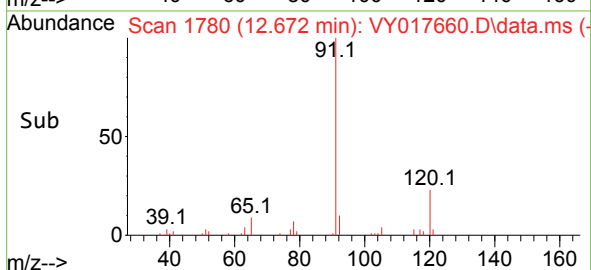
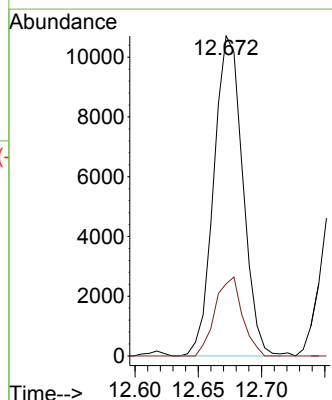
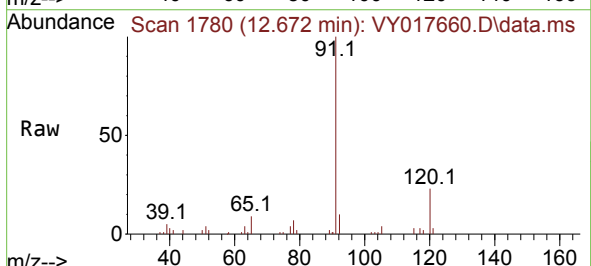
Acq: 14 Mar 2024 13:11

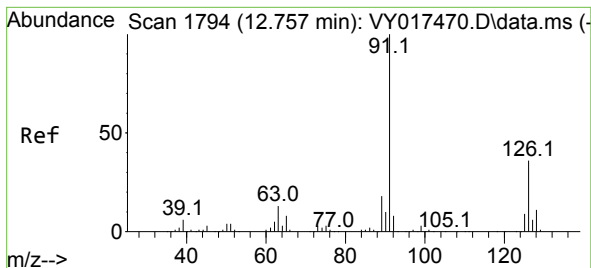
Tgt Ion: 91 Resp: 17035

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.172 ug/l

RT: 12.763 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

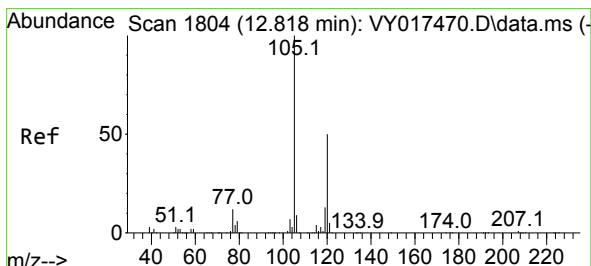
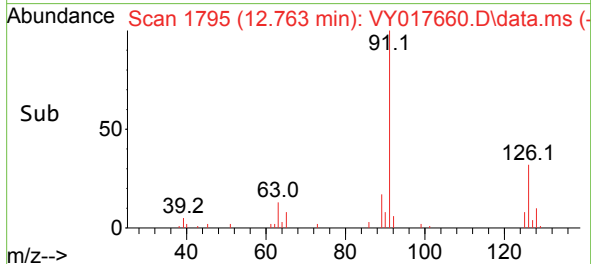
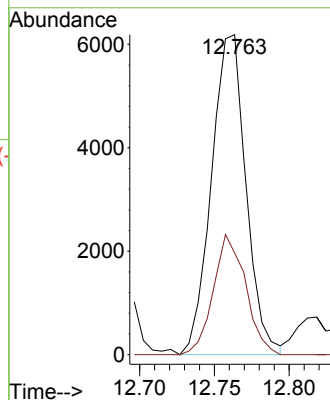
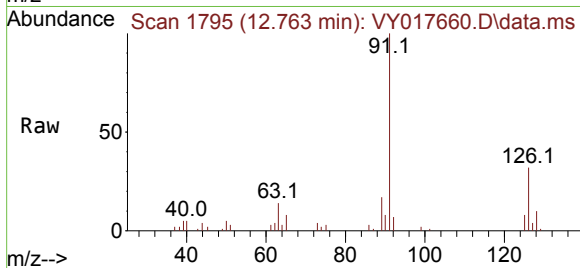
MDL06

Tgt Ion: 91 Resp: 9938

Ion Ratio Lower Upper

91 100

126 35.1 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 1.971 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. -0.000 min

Lab File: VY017660.D

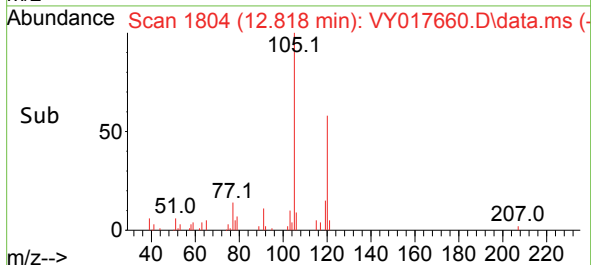
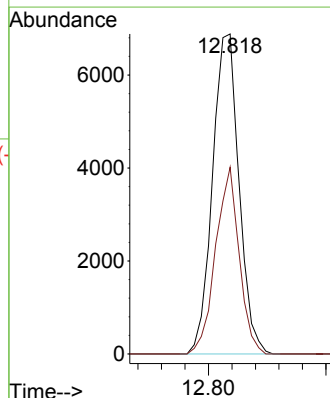
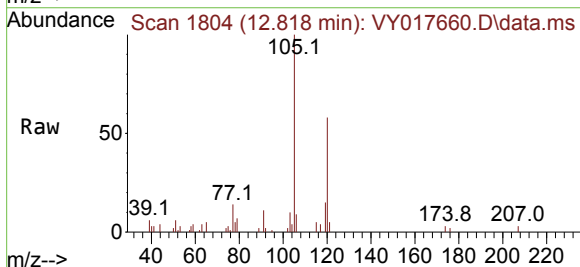
Acq: 14 Mar 2024 13:11

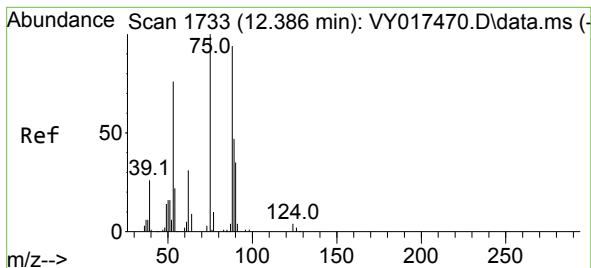
Tgt Ion: 105 Resp: 10752

Ion Ratio Lower Upper

105 100

120 52.1 25.1 75.2

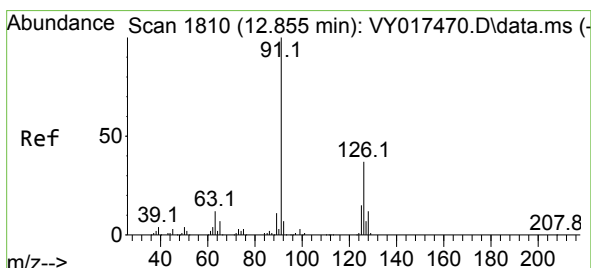
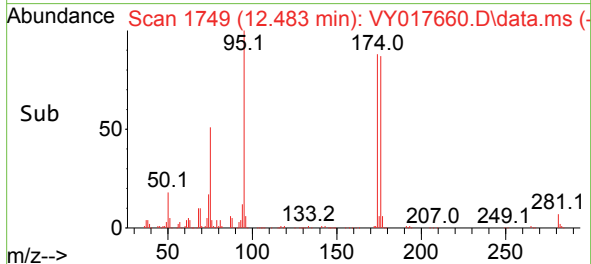
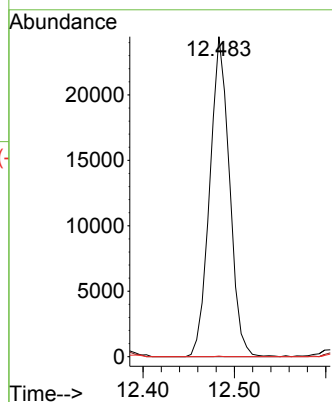
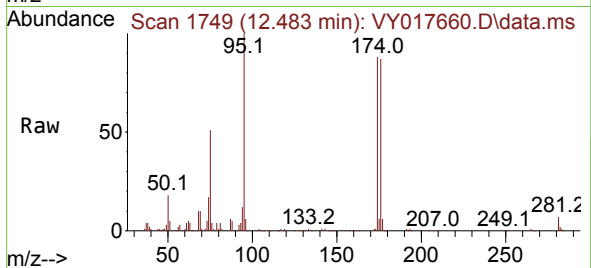




#81
trans-1,4-Dichloro-2-butene
Concen: 96.561 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

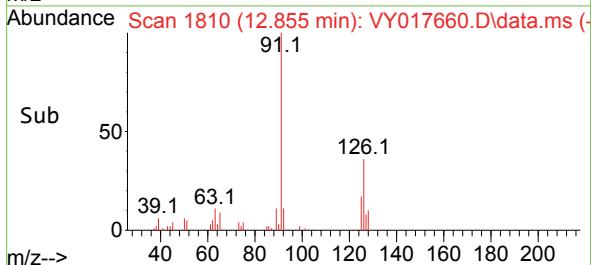
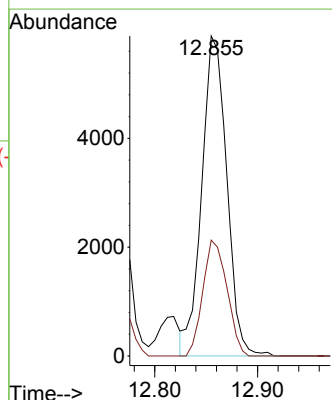
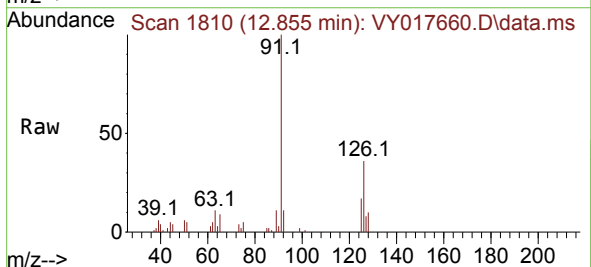
Instrument :
MSVOA_Y
ClientSampleId :
MDL06

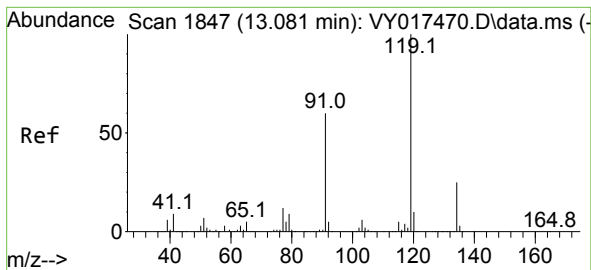
Tgt Ion: 75 Resp: 36599
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#



#82
4-Chlorotoluene
Concen: 2.128 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion: 91 Resp: 9956
Ion Ratio Lower Upper
91 100
126 34.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 1.970 ug/l

RT: 13.080 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

MDL06

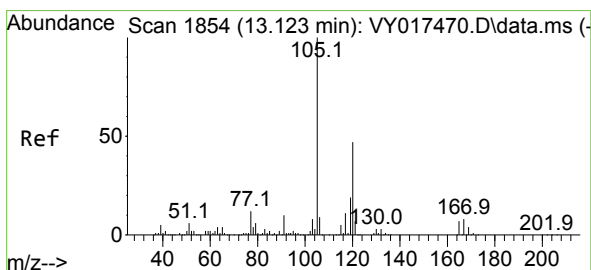
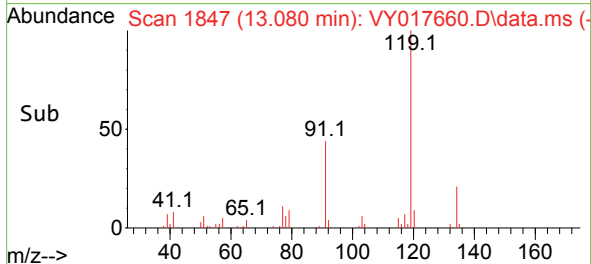
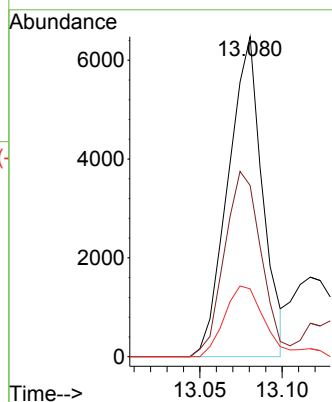
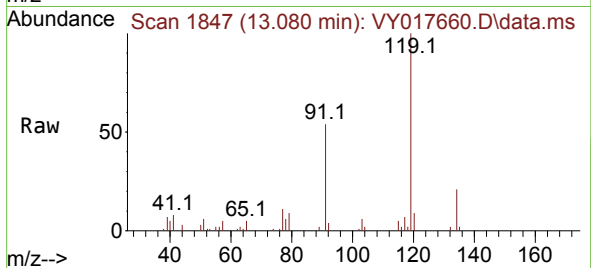
Tgt Ion:119 Resp: 9439

Ion Ratio Lower Upper

119 100

91 62.3 31.3 93.8

134 26.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 1.841 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY017660.D

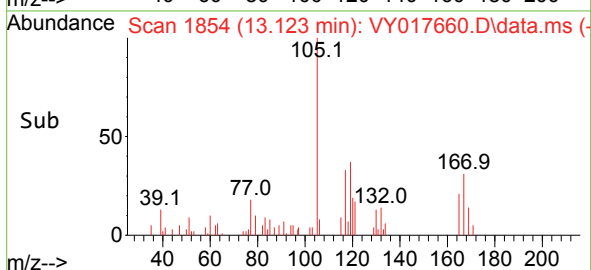
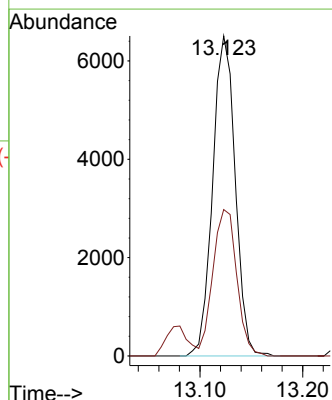
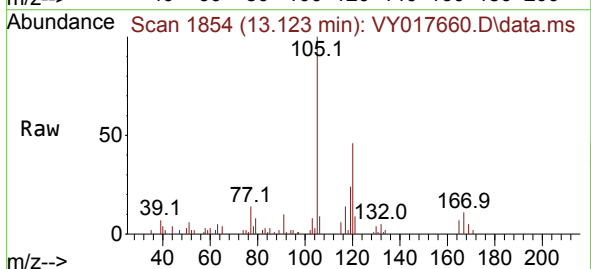
Acq: 14 Mar 2024 13:11

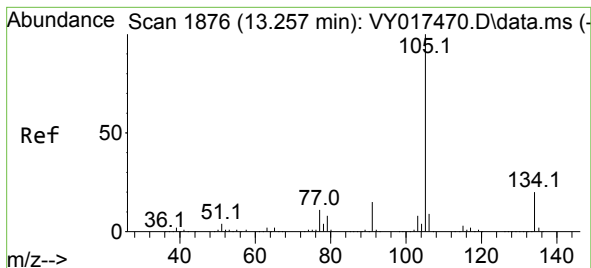
Tgt Ion:105 Resp: 9918

Ion Ratio Lower Upper

105 100

120 48.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 1.920 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

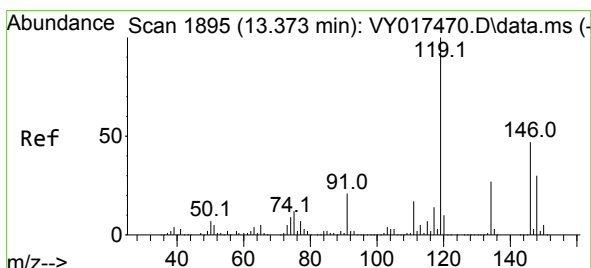
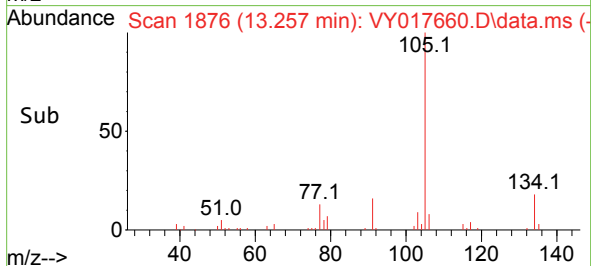
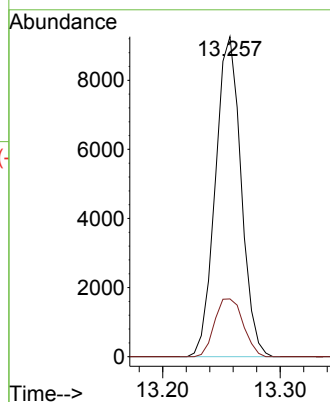
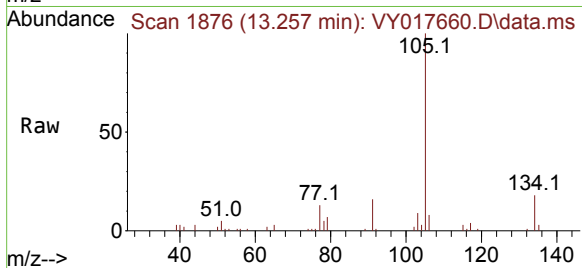
MDL06

Tgt Ion:105 Resp: 14066

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 1.850 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

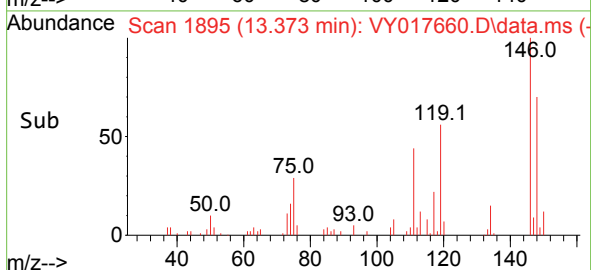
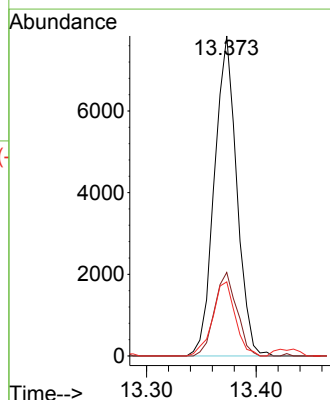
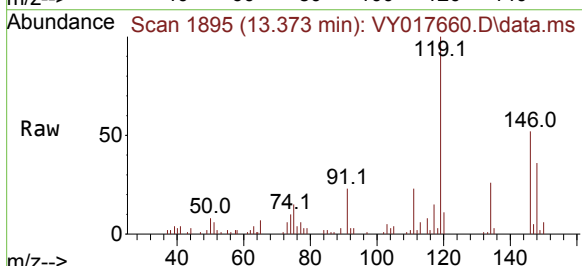
Tgt Ion:119 Resp: 11094

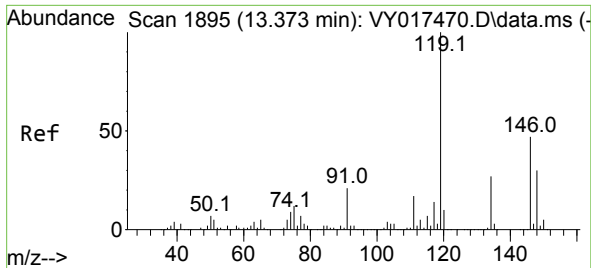
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

91 23.6 10.7 32.1

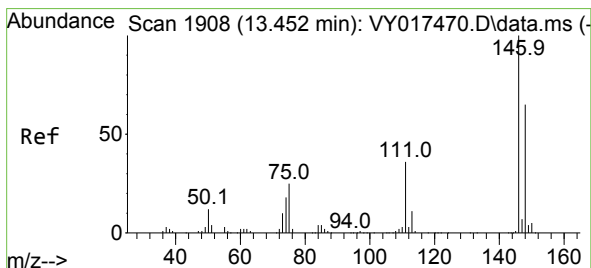
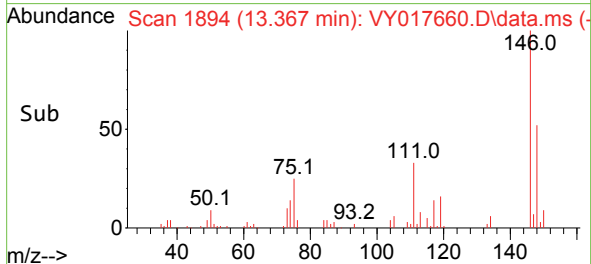
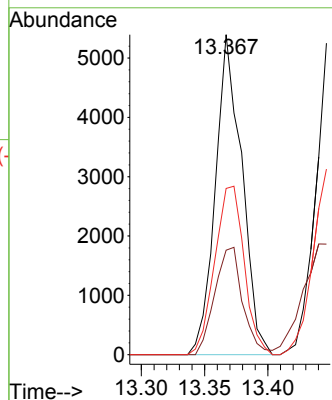
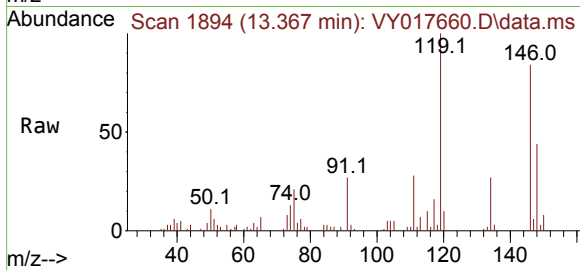




#87
 1,3-Dichlorobenzene
 Concen: 2.365 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY017660.D
 Acq: 14 Mar 2024 13:11

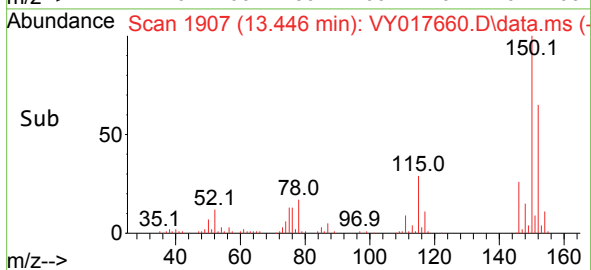
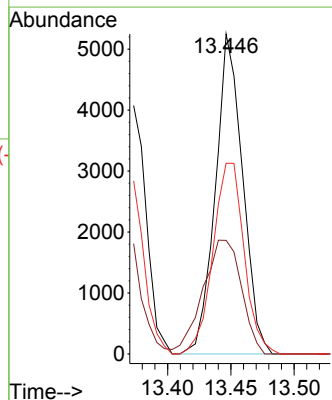
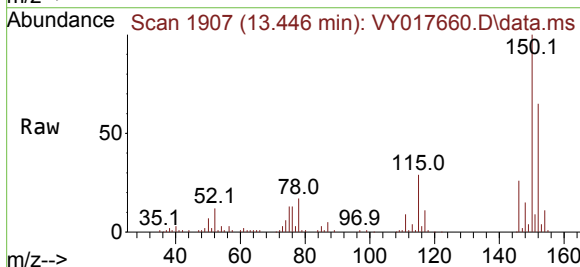
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL06

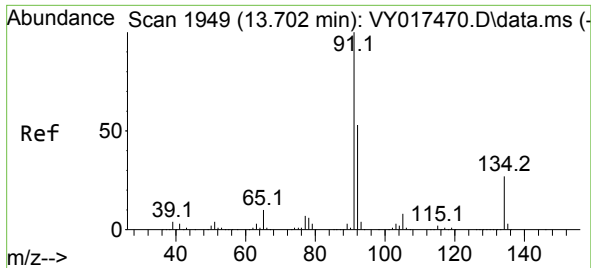
Tgt Ion:146 Resp: 7829
 Ion Ratio Lower Upper
 146 100
 111 35.6 19.0 57.0
 148 58.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 2.439 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY017660.D
 Acq: 14 Mar 2024 13:11

Tgt Ion:146 Resp: 7848
 Ion Ratio Lower Upper
 146 100
 111 50.2 18.4 55.4
 148 68.3 32.4 97.2





#89

n-Butylbenzene

Concen: 2.056 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

MDL06

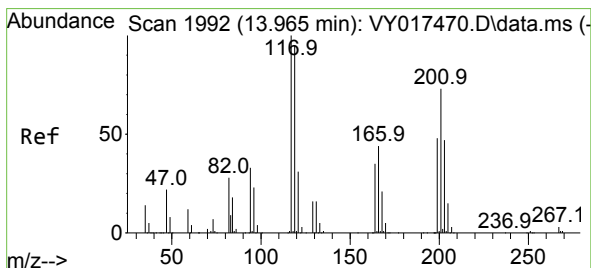
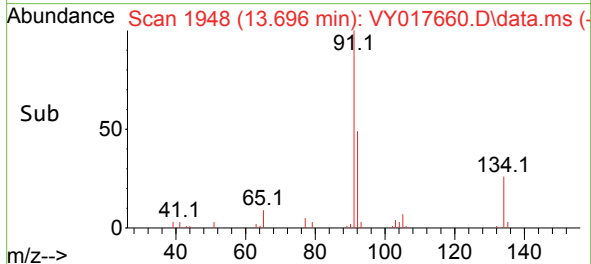
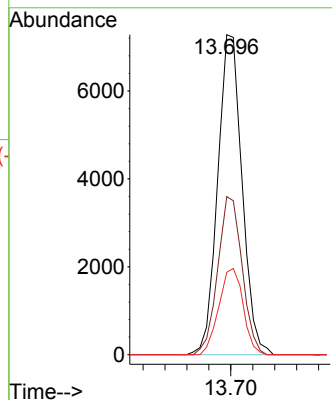
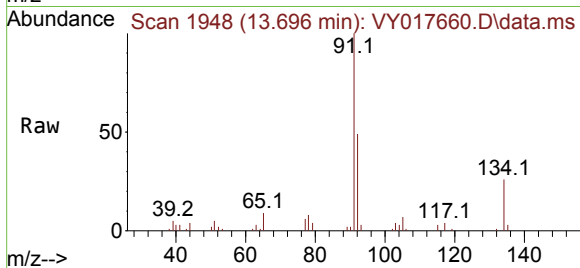
Tgt Ion: 91 Resp: 11250

Ion Ratio Lower Upper

91 100

92 49.4 26.6 79.7

134 26.9 12.9 38.7



#90

Hexachloroethane

Concen: 2.412 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. -0.000 min

Lab File: VY017660.D

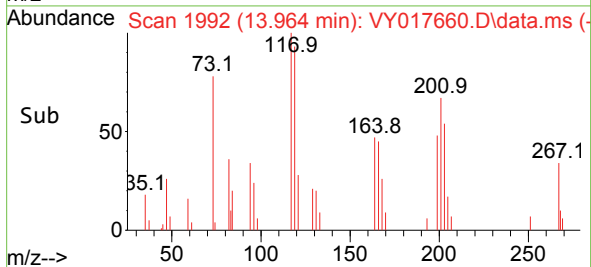
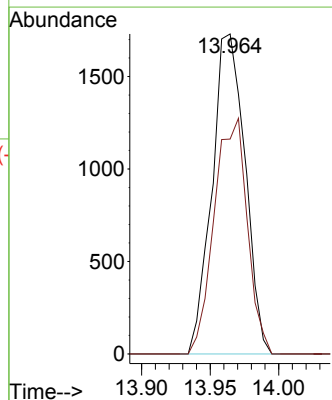
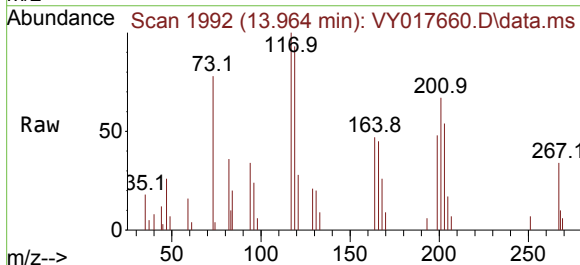
Acq: 14 Mar 2024 13:11

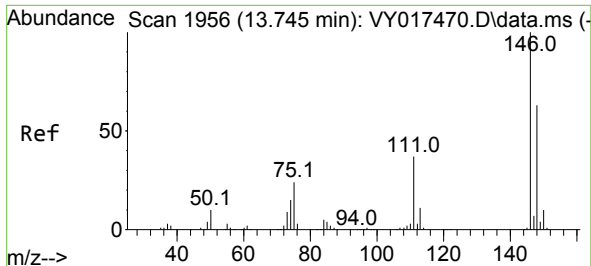
Tgt Ion: 117 Resp: 2900

Ion Ratio Lower Upper

117 100

201 73.6 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 2.214 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

MDL06

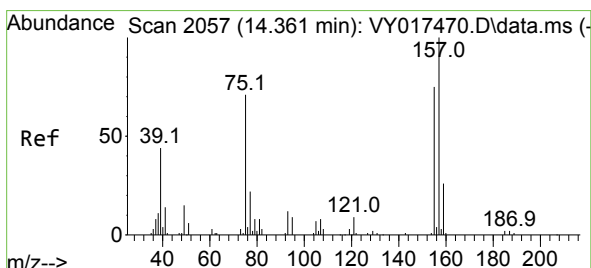
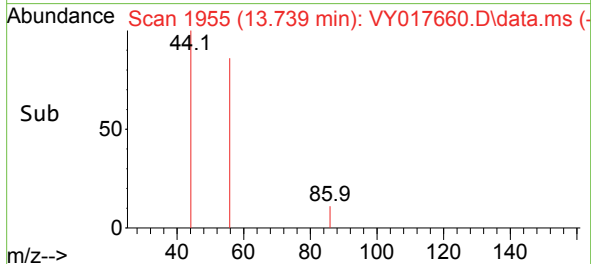
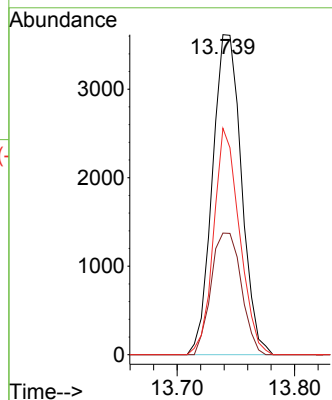
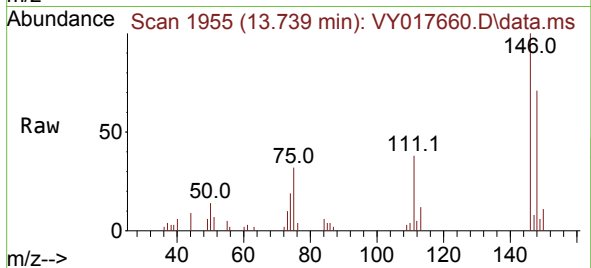
Tgt Ion:146 Resp: 6198

Ion Ratio Lower Upper

146 100

111 39.5 19.9 59.7

148 63.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.245 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

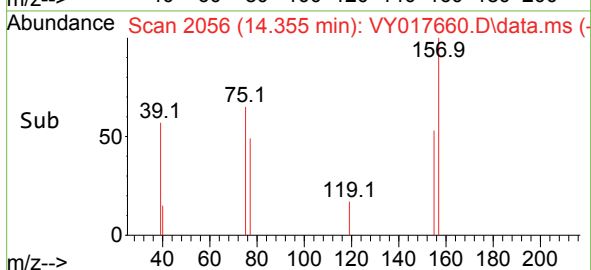
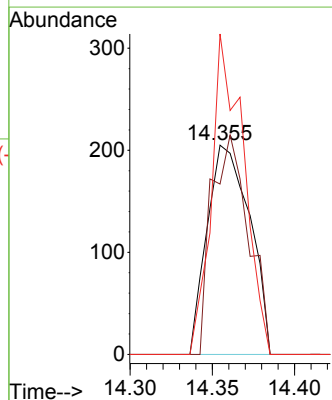
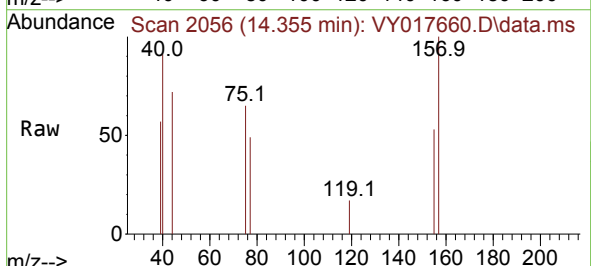
Tgt Ion: 75 Resp: 369

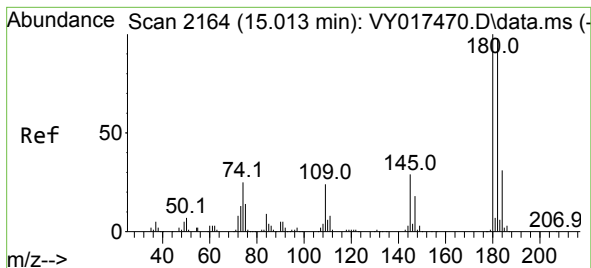
Ion Ratio Lower Upper

75 100

155 91.1 48.6 145.8

157 115.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 2.052 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

MDL06

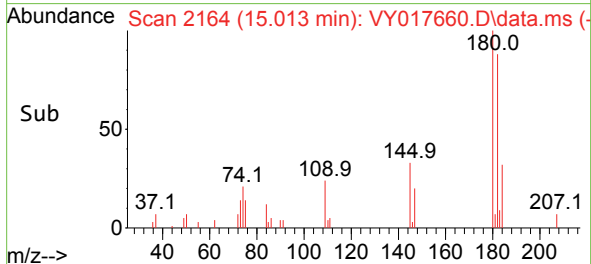
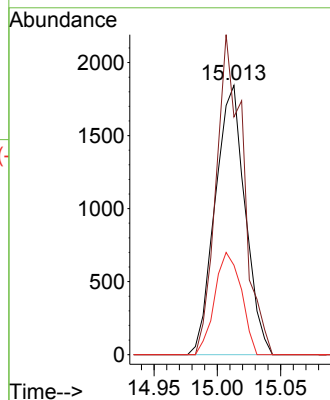
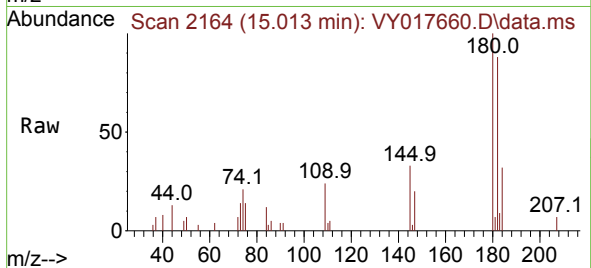
Tgt Ion:180 Resp: 3035

Ion Ratio Lower Upper

180 100

182 107.5 47.9 143.8

145 33.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 2.585 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY017660.D

Acq: 14 Mar 2024 13:11

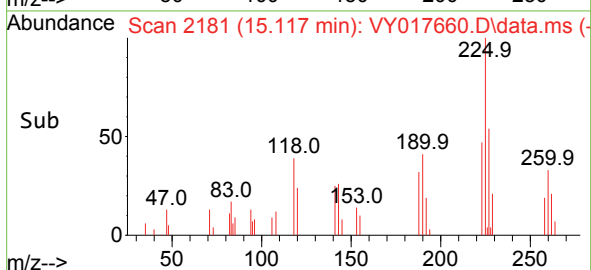
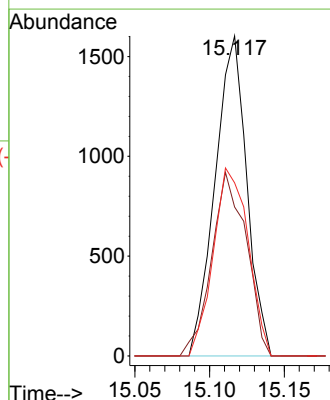
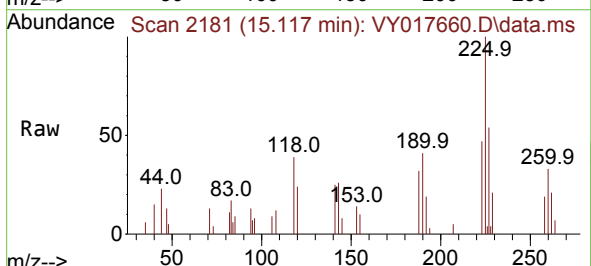
Tgt Ion:225 Resp: 2360

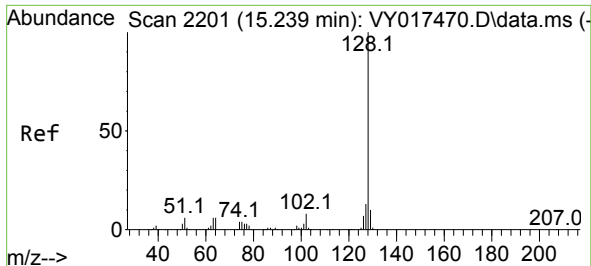
Ion Ratio Lower Upper

225 100

223 62.6 30.4 91.2

227 64.7 31.9 95.9

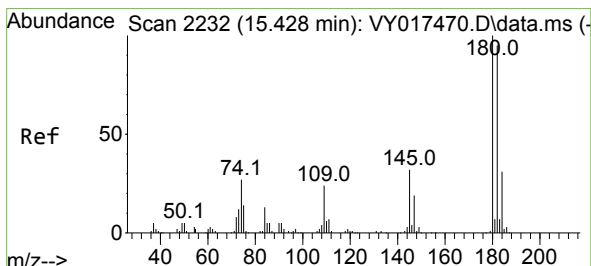
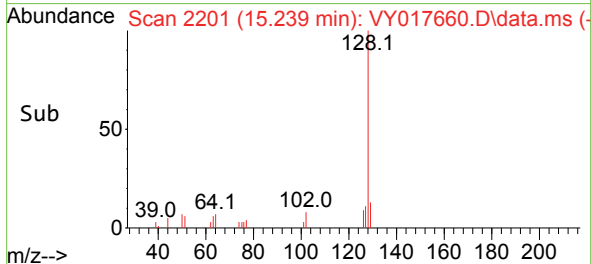
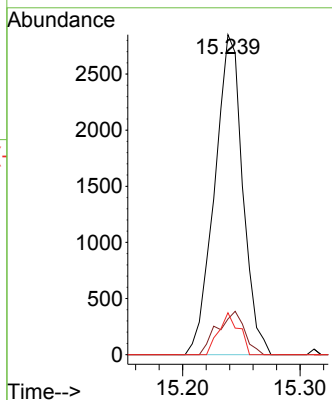
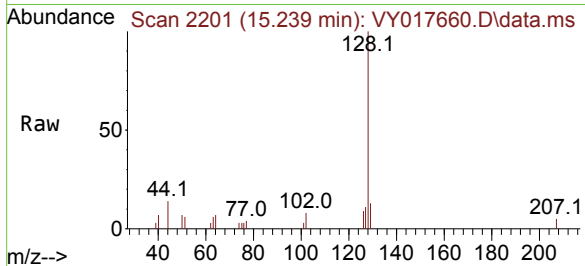




#95
Naphthalene
Concen: 1.876 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Instrument :
MSVOA_Y
ClientSampleId :
MDL06

Tgt Ion:128	Resp:	4744
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.6 16.0
129	9.4	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.262 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY017660.D
Acq: 14 Mar 2024 13:11

Tgt Ion:180	Resp:	2870
Ion Ratio	Lower	Upper
180	100	
182	89.6	47.6 142.9
145	28.1	15.4 46.1

