

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031224\
 Data File : VY017643.D
 Acq On : 12 Mar 2024 15:20
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL05

Quant Time: Mar 13 04:30:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 04:29:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	138185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	237074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	204736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86851	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	69540	53.099	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.200%	
35) Dibromofluoromethane	7.710	113	77493	46.908	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.820%	
50) Toluene-d8	10.179	98	283408	49.066	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.140%	
62) 4-Bromofluorobenzene	12.483	95	82441	45.416	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.840%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	2377	2.332	ug/l	81
3) Chloromethane	2.113	50	4998	2.684	ug/l	97
4) Vinyl Chloride	2.247	62	6527	2.732	ug/l	96
5) Bromomethane	2.650	94	6196	3.182	ug/l	99
6) Chloroethane	2.796	64	4254	2.822	ug/l	89
7) Trichlorofluoromethane	3.125	101	5678	2.332	ug/l	97
8) Diethyl Ether	3.528	74	1584	2.218	ug/l	63
9) 1,1,2-Trichlorotrifluo...	3.899	101	3574	2.552	ug/l	95
10) Methyl Iodide	4.082	142	3087	1.964	ug/l	98
11) Tert butyl alcohol	4.954	59	2048	18.410	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	3059	2.343	ug/l	96
13) Acrolein	3.723	56	1263	8.605	ug/l	98
14) Allyl chloride	4.479	41	3451	2.188	ug/l	97
15) Acrylonitrile	5.155	53	3520	11.989	ug/l	99
16) Acetone	3.942	43	4535	17.853	ug/l #	79
17) Carbon Disulfide	4.192	76	8380	2.139	ug/l	97
18) Methyl Acetate	4.466	43	2743	4.451	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	6834	2.246	ug/l	99
20) Methylene Chloride	4.710	84	11571	6.363	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	3567	2.334	ug/l #	79
22) Diisopropyl ether	6.119	45	7639	2.099	ug/l #	88
23) Vinyl Acetate	6.058	43	18880	8.705	ug/l	98
24) 1,1-Dichloroethane	6.009	63	6236	2.508	ug/l	97
25) 2-Butanone	6.990	43	4736	13.083	ug/l	99
26) 2,2-Dichloropropane	6.978	77	5513	2.637	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	3947	2.300	ug/l	94
28) Bromochloromethane	7.332	49	1901	1.941	ug/l #	96
29) Tetrahydrofuran	7.350	42	2358	10.806	ug/l	95
30) Chloroform	7.502	83	7078	2.674	ug/l	99
31) Cyclohexane	7.777	56	6666	3.128	ug/l #	41
32) 1,1,1-Trichloroethane	7.697	97	5666	2.465	ug/l	95
36) 1,1-Dichloropropene	7.911	75	4827	2.166	ug/l	95
37) Ethyl Acetate	7.070	43	1989	2.259	ug/l #	83
38) Carbon Tetrachloride	7.893	117	4925	2.205	ug/l	98
39) Methylcyclohexane	9.179	83	5253	1.961	ug/l	97
40) Benzene	8.161	78	14476	2.187	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	881	1.994	ug/l #	63
42) 1,2-Dichloroethane	8.234	62	3737	2.314	ug/l	99
43) Isopropyl Acetate	8.271	43	3440	2.224	ug/l #	81
44) Trichloroethene	8.935	130	4202	2.202	ug/l	93
45) 1,2-Dichloropropane	9.209	63	3638	2.310	ug/l	90
46) Dibromomethane	9.301	93	1979	2.196	ug/l	99
47) Bromodichloromethane	9.490	83	4693	2.145	ug/l	99
48) Methyl methacrylate	9.295	41	1853	2.588	ug/l	89
49) 1,4-Dioxane	9.301	88	324	31.765	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	8117	9.414	ug/l	94
52) Toluene	10.246	92	8987	2.154	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	4041	1.989	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	5045	2.044	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	2915	2.278	ug/l	97
56) Ethyl methacrylate	10.514	69	2018	1.406	ug/l	97
57) 1,3-Dichloropropane	10.788	76	4584	2.203	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	6226	8.432	ug/l	96
59) 2-Hexanone	10.831	43	5849	9.876	ug/l	96
60) Dibromochloromethane	10.983	129	3188	2.106	ug/l	98
61) 1,2-Dibromoethane	11.087	107	2424	2.056	ug/l	95
64) Tetrachloroethene	10.715	164	4389	2.233	ug/l	98
65) Chlorobenzene	11.514	112	10092	2.322	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.593	131	3518	2.161	ug/l	97
67) Ethyl Benzene	11.593	91	15382	2.018	ug/l	93
68) m/p-Xylenes	11.703	106	10996	3.672	ug/l	98
69) o-Xylene	12.032	106	5196	1.870	ug/l	91
70) Styrene	12.044	104	6908	1.498	ug/l	97
71) Bromoform	12.209	173	1917	2.125	ug/l #	99
73) Isopropylbenzene	12.331	105	12702	1.969	ug/l	99
74) N-amyl acetate	12.142	43	2197	1.931	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	2684	2.422	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	3643	4.415	ug/l #	100
77) Bromobenzene	12.611	156	3565	2.281	ug/l	99
78) n-propylbenzene	12.672	91	17595	2.273	ug/l	98
79) 2-Chlorotoluene	12.758	91	9790	2.259	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	10258	1.984	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.483	75	41872	116.591	ug/l #	16
82) 4-Chlorotoluene	12.855	91	9489	2.140	ug/l	95
83) tert-Butylbenzene	13.075	119	9229	2.033	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	9549	1.871	ug/l	99
85) sec-Butylbenzene	13.251	105	13151	1.895	ug/l	99
86) p-Isopropyltoluene	13.367	119	10225	1.800	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	6885	2.195	ug/l	96
88) 1,4-Dichlorobenzene	13.446	146	7684	2.520	ug/l	93
89) n-Butylbenzene	13.696	91	10102	1.949	ug/l	99
90) Hexachloroethane	13.959	117	2818	2.474	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	5793	2.184	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	335	2.151	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	2895	2.066	ug/l	95
94) Hexachlorobutadiene	15.111	225	1930	2.231	ug/l	96
95) Naphthalene	15.239	128	3784	1.579	ug/l	96
96) 1,2,3-Trichlorobenzene	15.428	180	2295	1.909	ug/l	99

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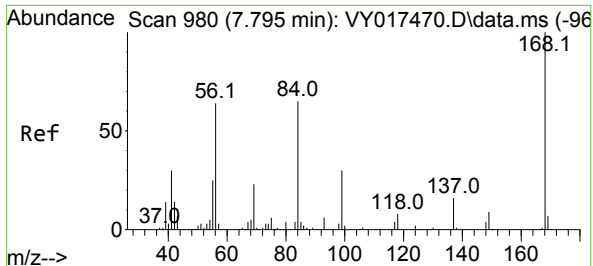
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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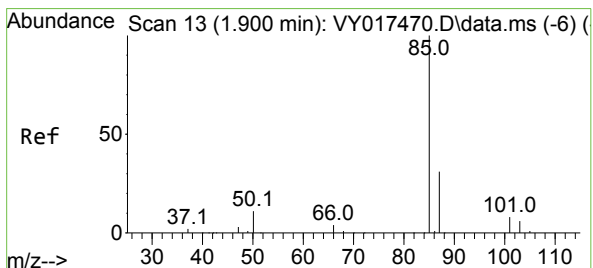
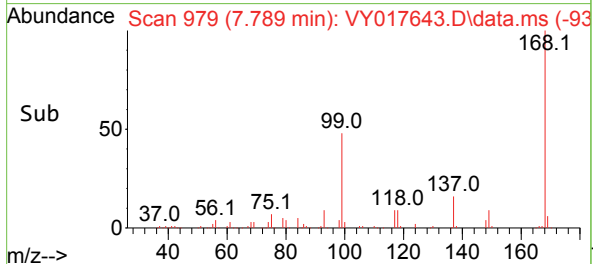
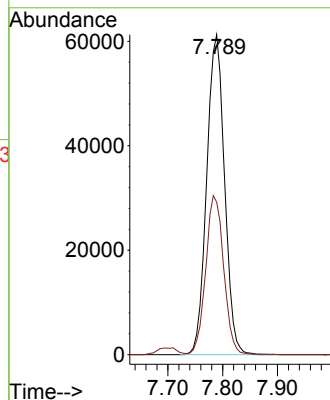
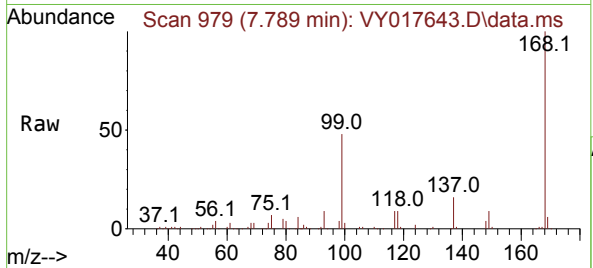




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

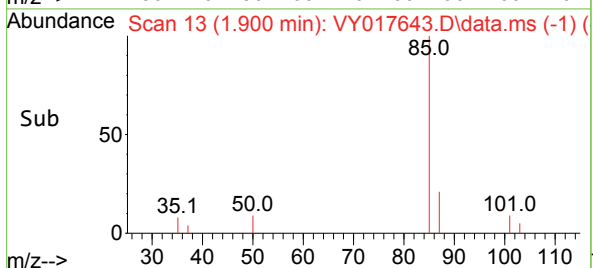
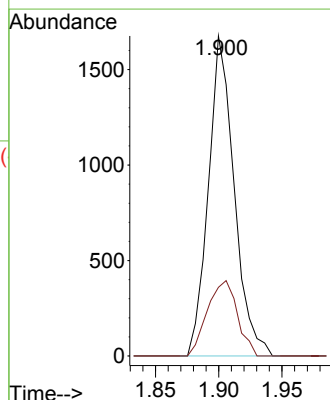
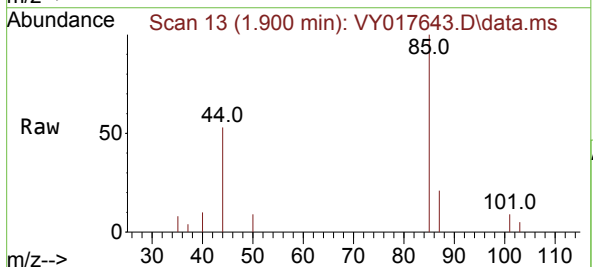
Instrument :
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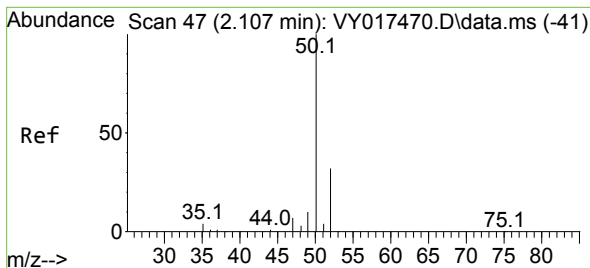
Tgt Ion:168 Resp: 138185
Ion Ratio Lower Upper
168 100
99 47.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 2.332 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Tgt Ion: 85 Resp: 2377
Ion Ratio Lower Upper
85 100
87 21.5 16.0 48.0





#3

Chloromethane

Concen: 2.684 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

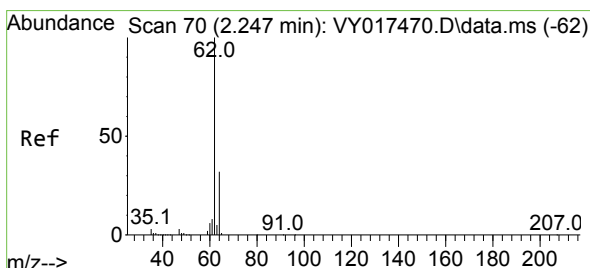
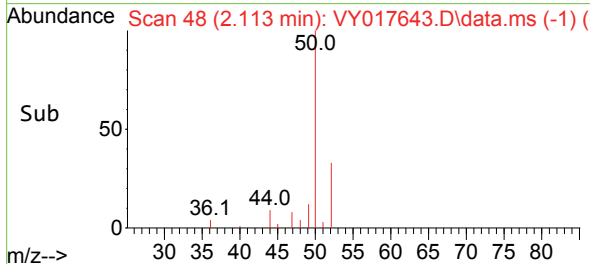
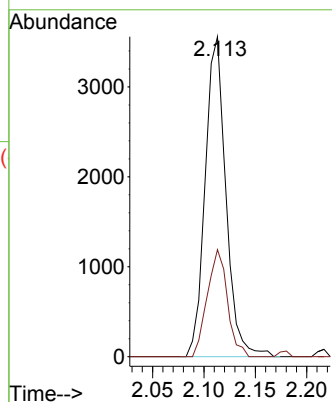
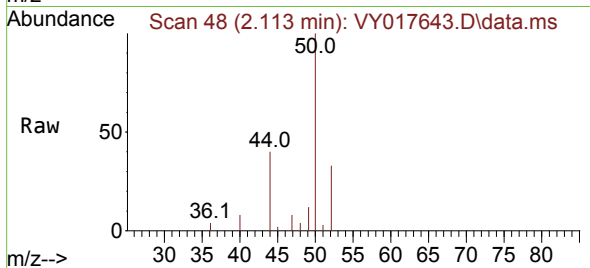
MDL05

Tgt Ion: 50 Resp: 4998

Ion Ratio Lower Upper

50 100

52 33.5 25.6 38.4



#4

Vinyl Chloride

Concen: 2.732 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY017643.D

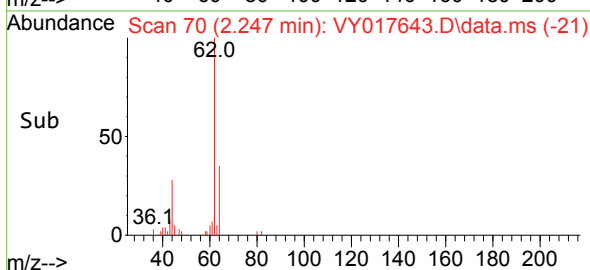
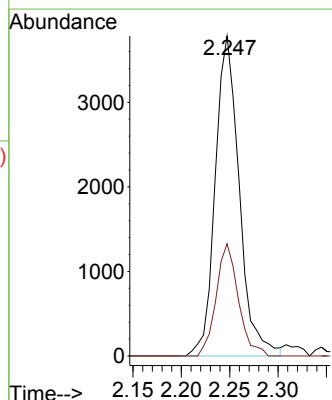
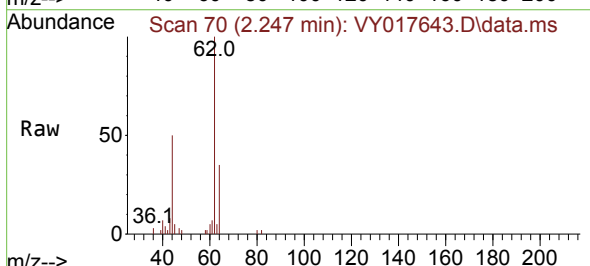
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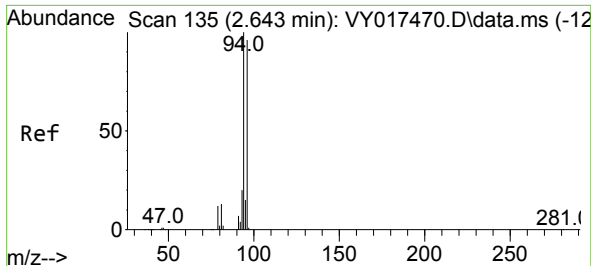
Tgt Ion: 62 Resp: 6527

Ion Ratio Lower Upper

62 100

64 35.1 26.1 39.1

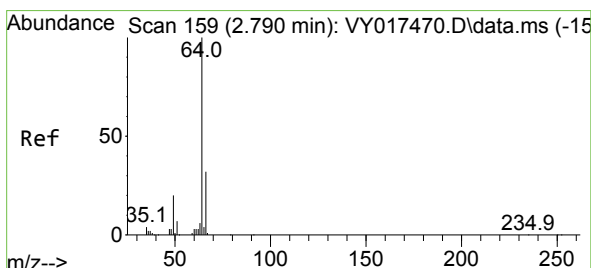
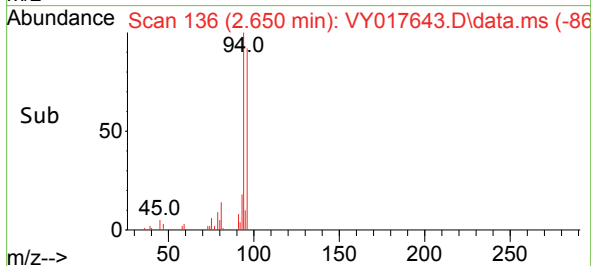
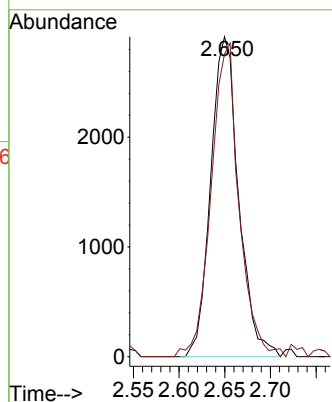
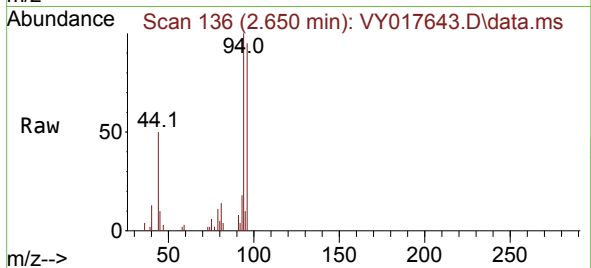




#5
Bromomethane
Concen: 3.182 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

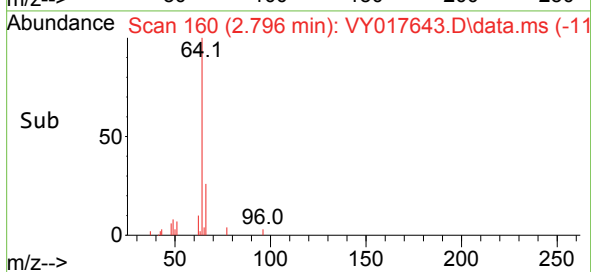
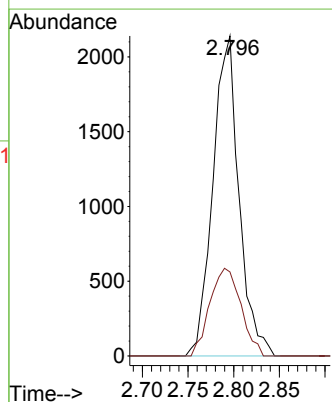
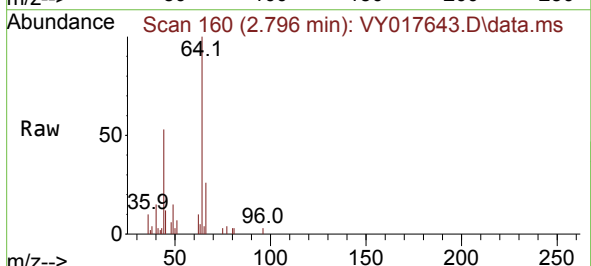
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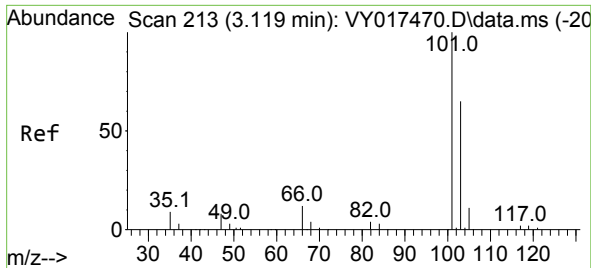
Tgt Ion: 94 Resp: 6196
Ion Ratio Lower Upper
94 100
96 92.1 74.1 111.1



#6
Chloroethane
Concen: 2.822 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Tgt Ion: 64 Resp: 4254
Ion Ratio Lower Upper
64 100
66 26.3 26.1 39.1

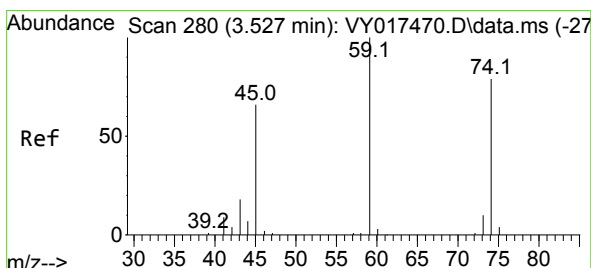
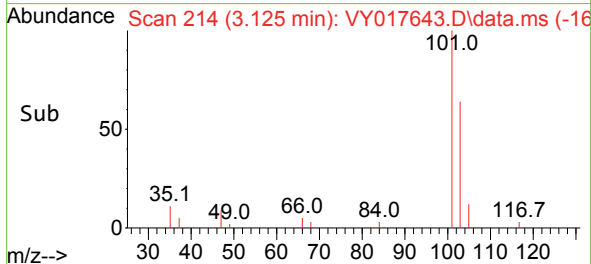
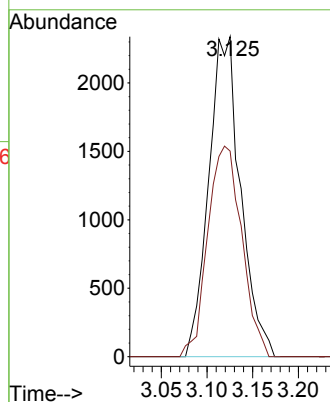
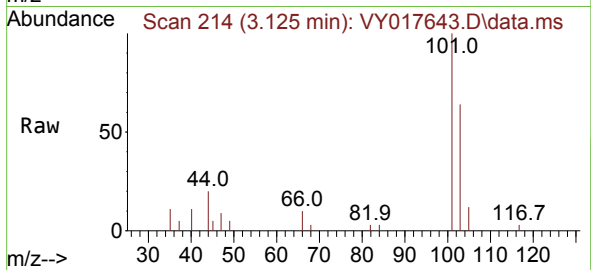




#7
 Trichlorofluoromethane
 Concen: 2.332 ug/l
 RT: 3.125 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY017643.D
 Acq: 12 Mar 2024 15:20

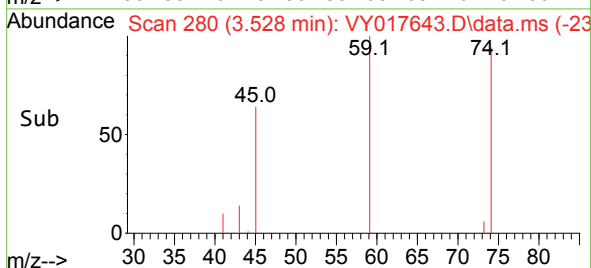
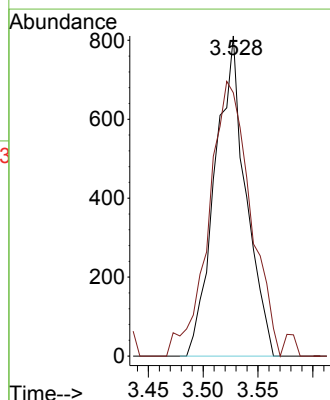
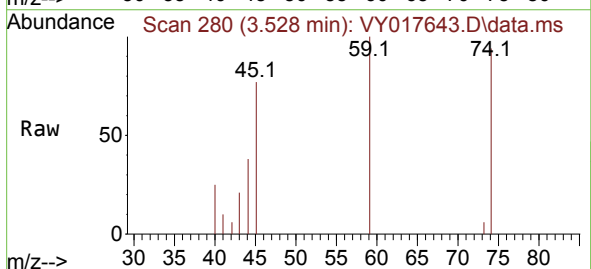
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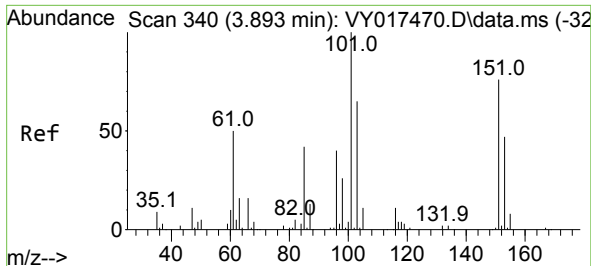
Tgt Ion:101 Resp: 5678
 Ion Ratio Lower Upper
 101 100
 103 64.2 49.3 73.9



#8
 Diethyl Ether
 Concen: 2.218 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY017643.D
 Acq: 12 Mar 2024 15:20

Tgt Ion: 74 Resp: 1584
 Ion Ratio Lower Upper
 74 100
 45 116.1 41.3 124.1

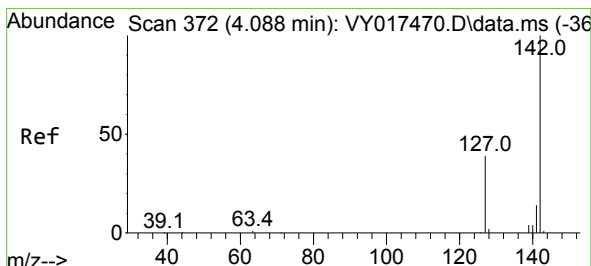
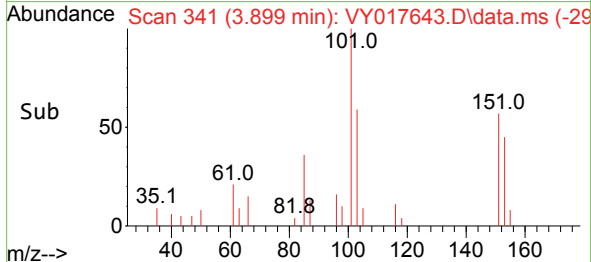
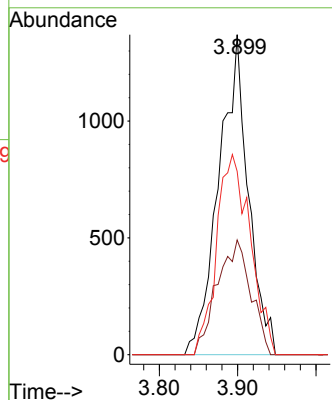
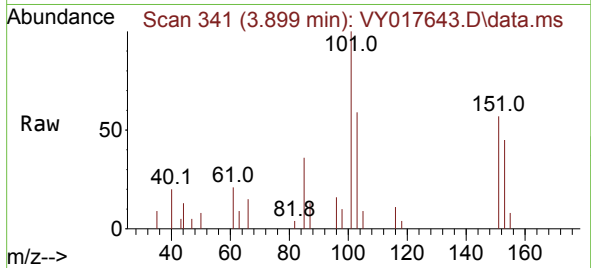




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.552 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017643.D
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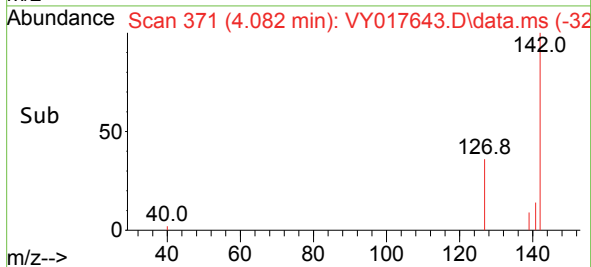
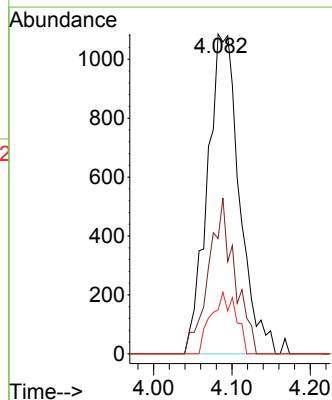
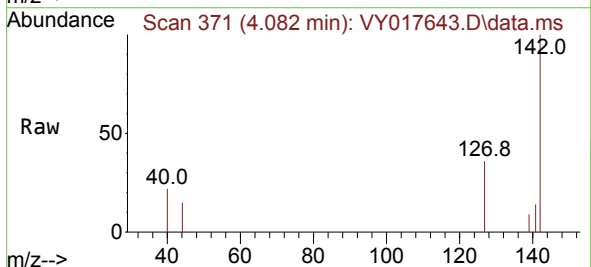
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

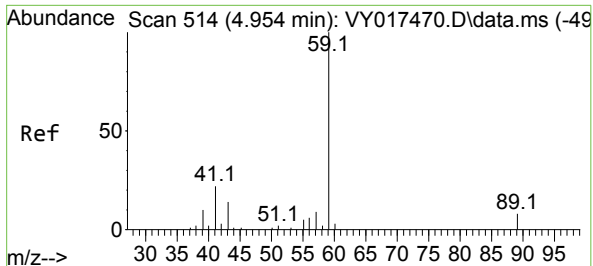
Tgt Ion:101 Resp: 3574
Ion Ratio Lower Upper
101 100
85 41.0 34.5 51.7
151 71.5 61.7 92.5



#10
Methyl Iodide
Concen: 1.964 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Tgt Ion:142 Resp: 3087
Ion Ratio Lower Upper
142 100
127 39.6 32.8 49.2
141 14.8 11.4 17.2

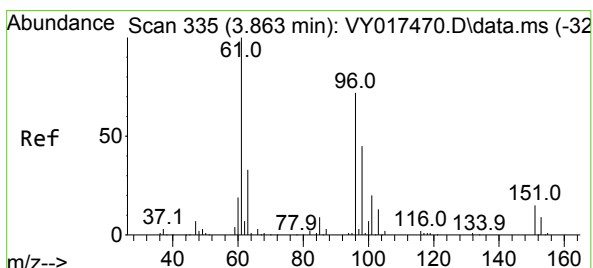
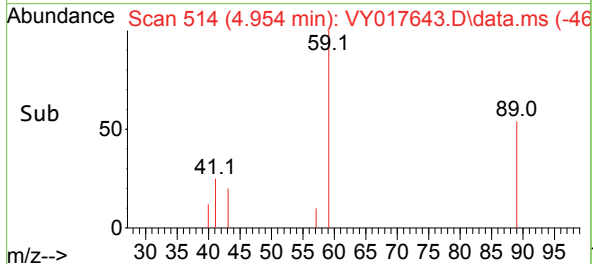
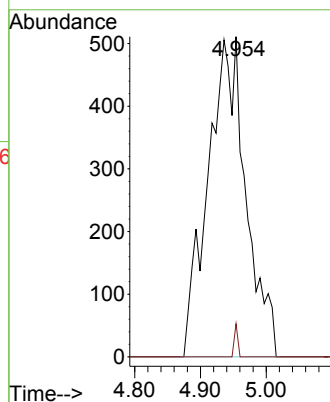
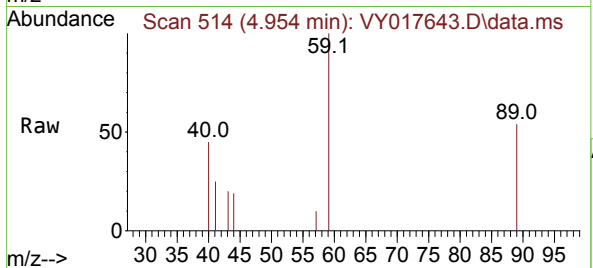




#11
Tert butyl alcohol
Concen: 18.410 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

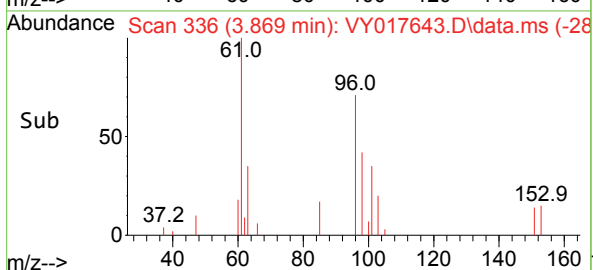
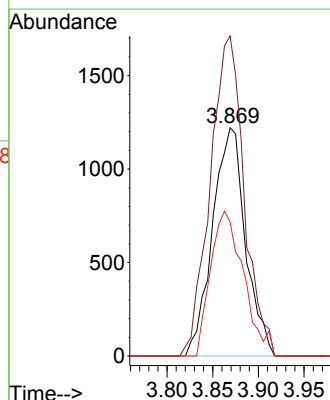
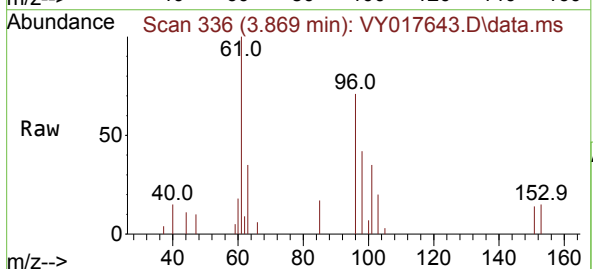
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

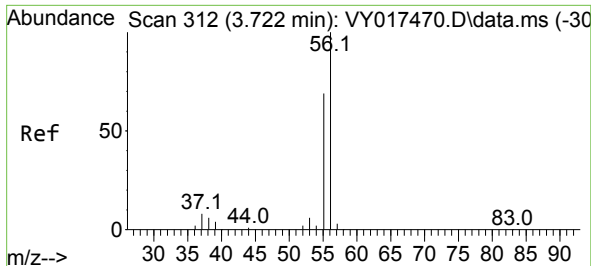
Tgt Ion: 59 Resp: 2048
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 2.343 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Tgt Ion: 96 Resp: 3059
Ion Ratio Lower Upper
96 100
61 140.2 114.6 171.8
98 58.7 50.8 76.2





#13

Acrolein

Concen: 8.605 ug/l

RT: 3.723 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

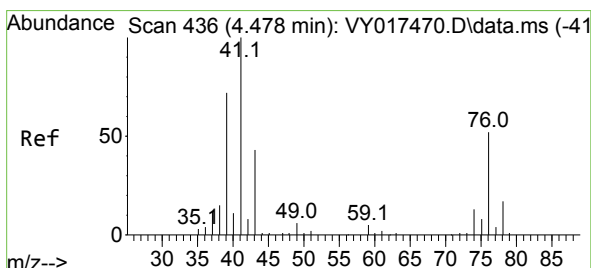
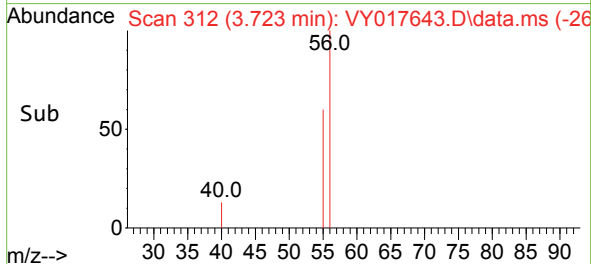
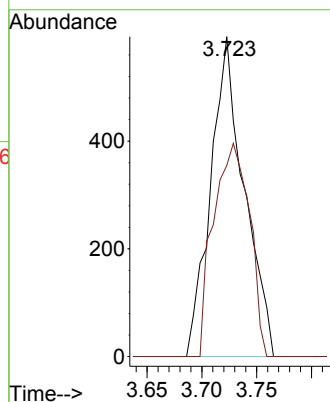
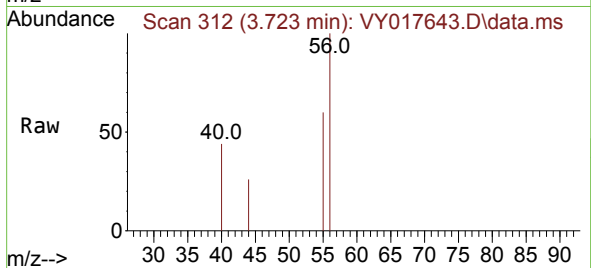
MDL05

Tgt Ion: 56 Resp: 1263

Ion Ratio Lower Upper

56 100

55 71.6 55.7 83.5



#14

Allyl chloride

Concen: 2.188 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

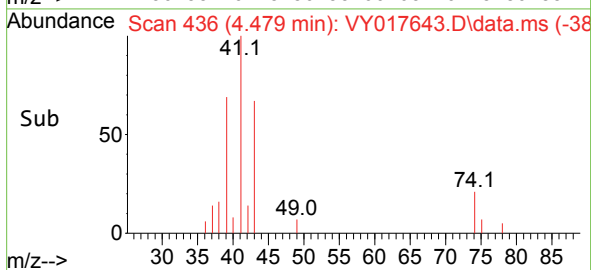
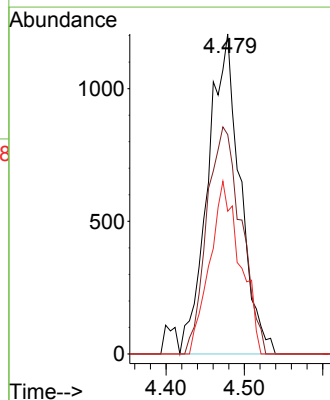
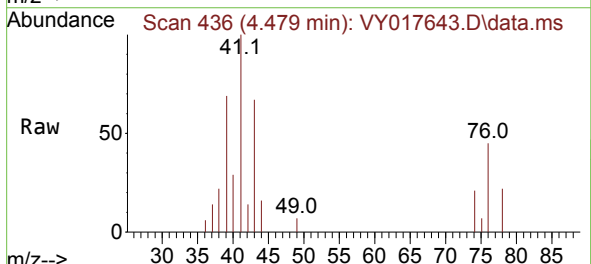
Tgt Ion: 41 Resp: 3451

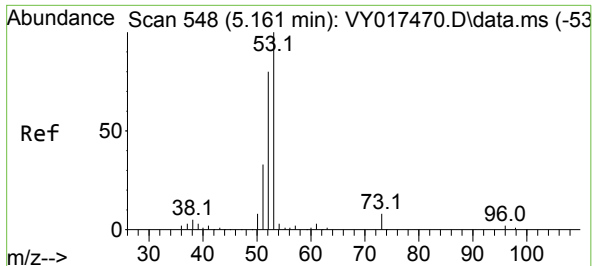
Ion Ratio Lower Upper

41 100

39 75.6 58.3 87.5

76 51.0 39.0 58.6





#15

Acrylonitrile

Concen: 11.989 ug/l

RT: 5.155 min Scan# 548

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

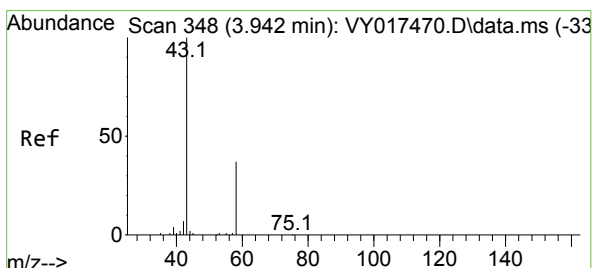
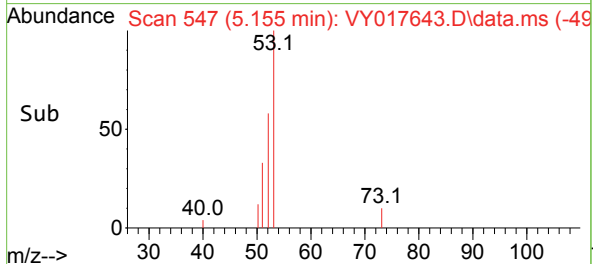
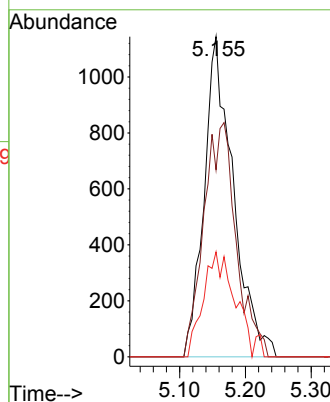
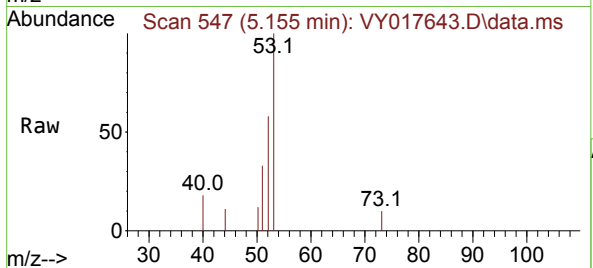
Tgt Ion: 53 Resp: 3520

Ion Ratio Lower Upper

53 100

52 81.4 64.7 97.1

51 34.9 28.4 42.6



#16

Acetone

Concen: 17.853 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY017643.D

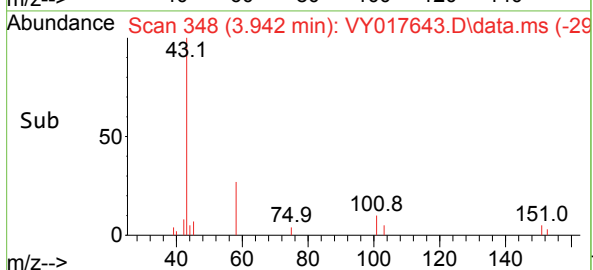
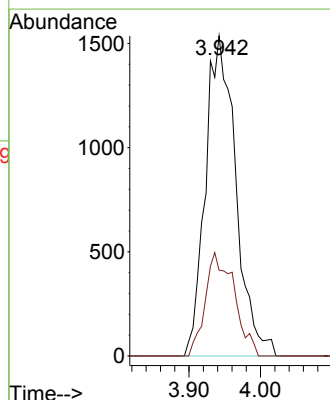
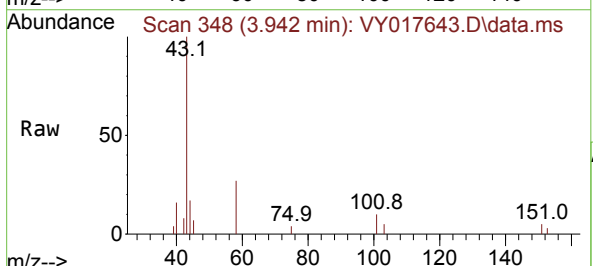
Acq: 12 Mar 2024 15:20

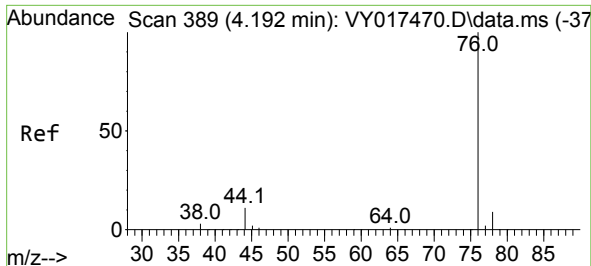
Tgt Ion: 43 Resp: 4535

Ion Ratio Lower Upper

43 100

58 26.8 31.7 47.5#

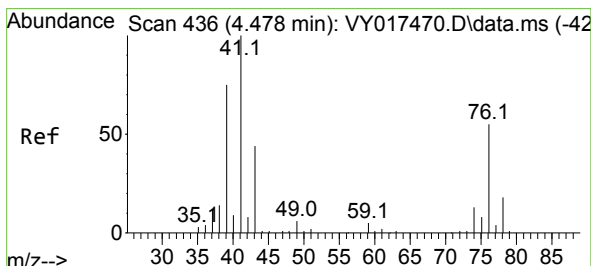
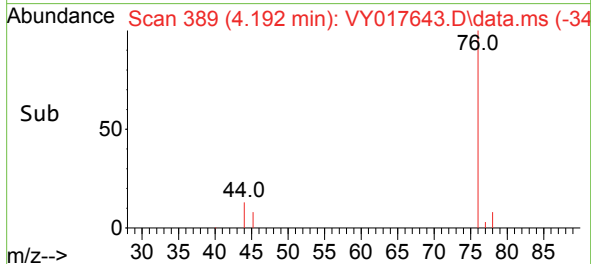
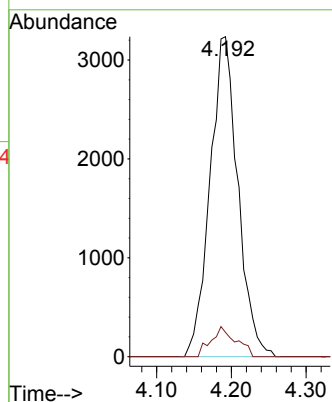
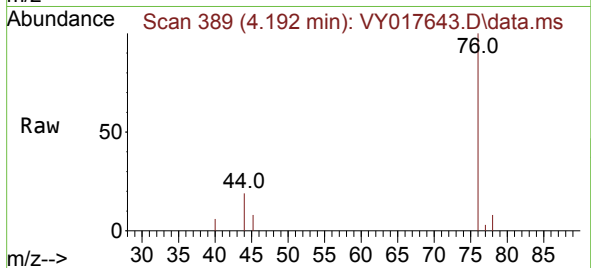




#17
Carbon Disulfide
Concen: 2.139 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

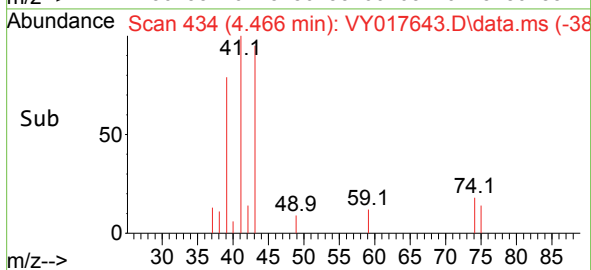
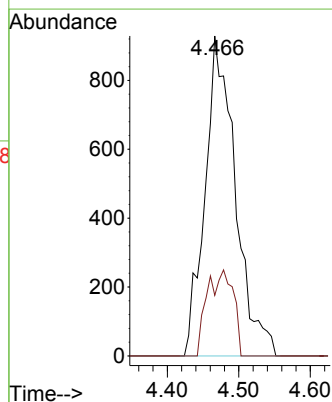
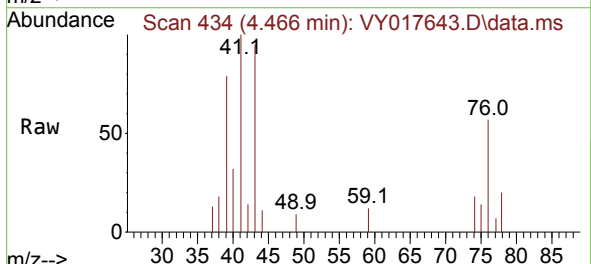
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

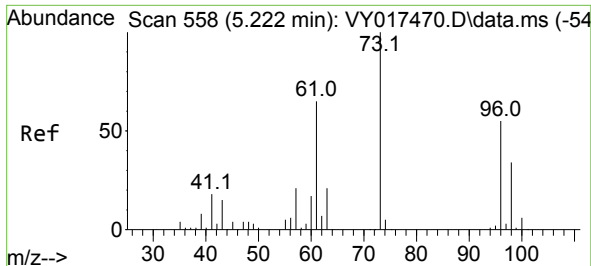
Tgt Ion: 76 Resp: 8380
Ion Ratio Lower Upper
76 100
78 7.6 6.8 10.2



#18
Methyl Acetate
Concen: 4.451 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Tgt Ion: 43 Resp: 2743
Ion Ratio Lower Upper
43 100
74 23.1 23.3 34.9#

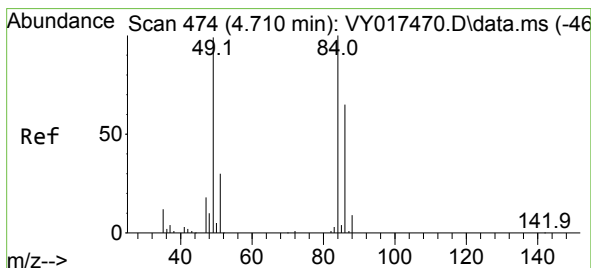
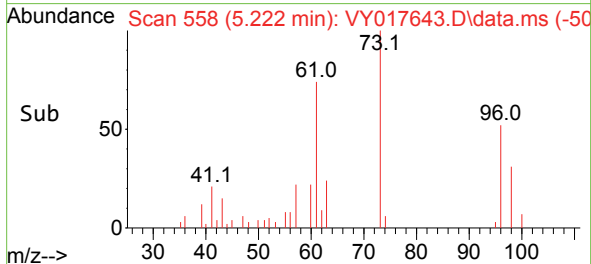
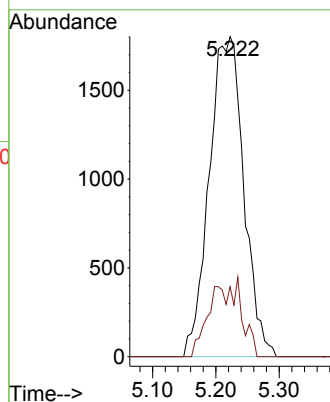
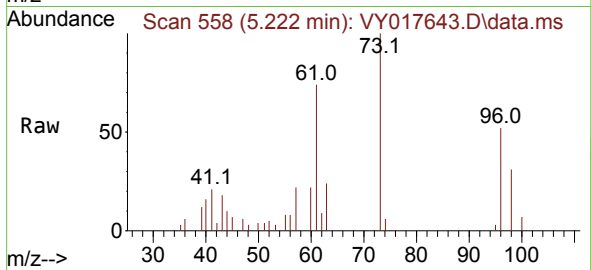




#19
Methyl tert-butyl Ether
Concen: 2.246 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

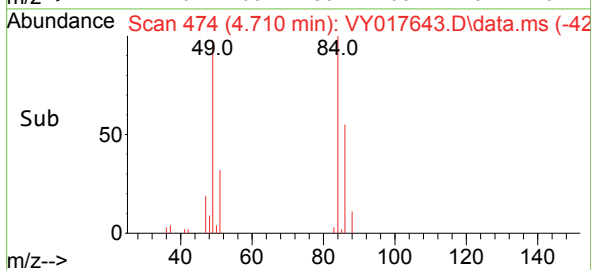
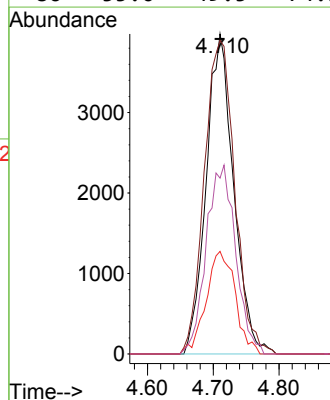
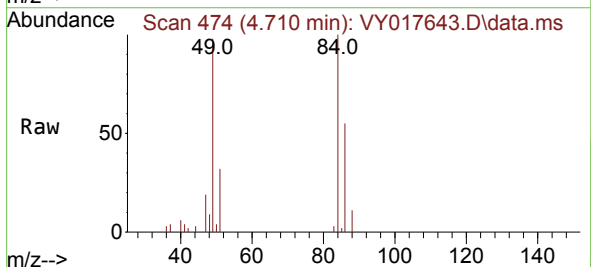
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

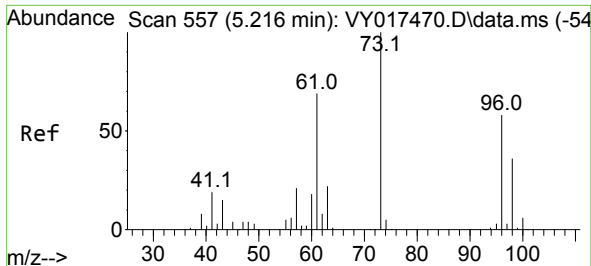
Tgt Ion: 73 Resp: 6834
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#20
Methylene Chloride
Concen: 6.363 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Tgt Ion: 84 Resp: 11571
Ion Ratio Lower Upper
84 100
49 98.0 84.4 126.6
51 32.1 26.0 39.0
86 55.0 49.5 74.3

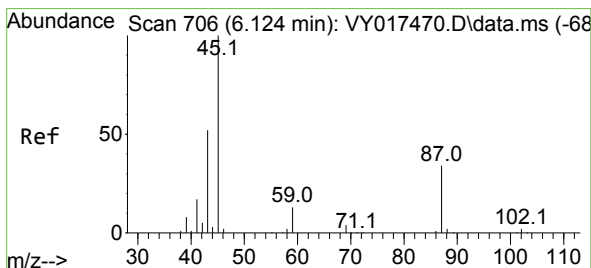
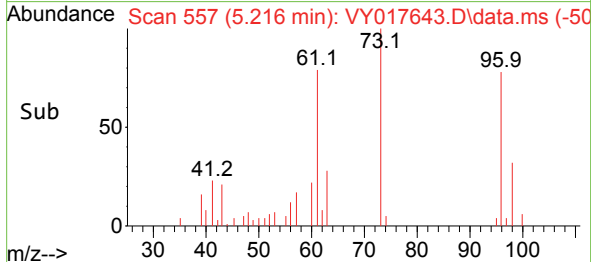
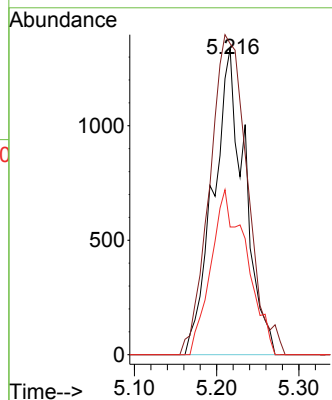
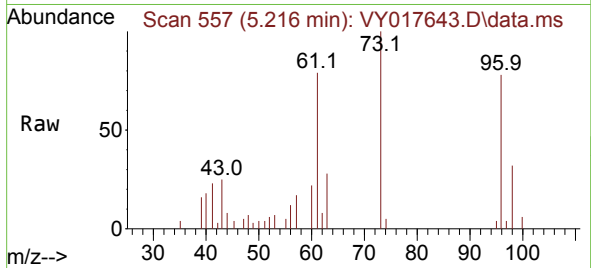




#21
trans-1,2-Dichloroethene
Concen: 2.334 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

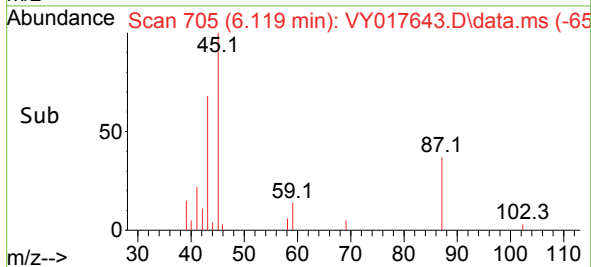
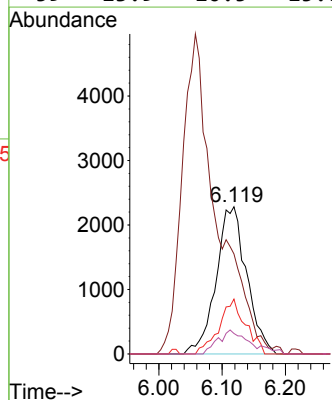
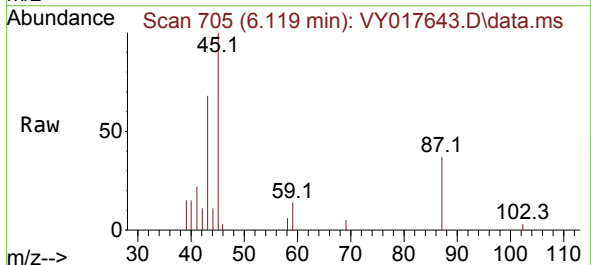
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

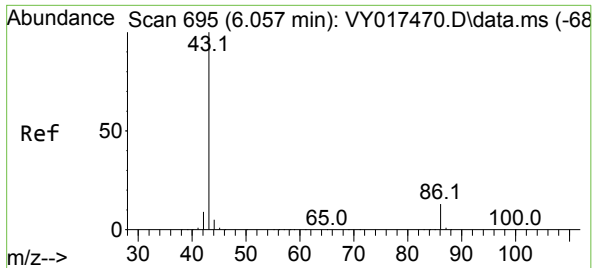
Tgt Ion: 96 Resp: 3567
Ion Ratio Lower Upper
96 100
61 101.6 97.5 146.3
98 41.7 50.5 75.7#



#22
Diisopropyl ether
Concen: 2.099 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Tgt Ion: 45 Resp: 7639
Ion Ratio Lower Upper
45 100
43 63.5 42.2 63.2#
87 37.3 25.0 37.6
59 13.9 10.5 15.7

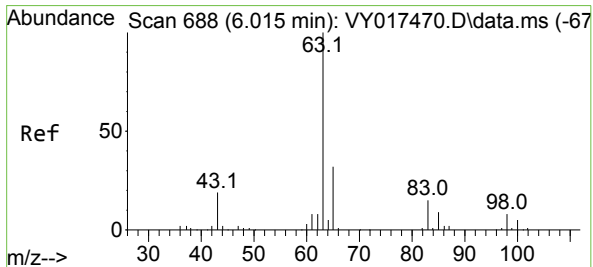
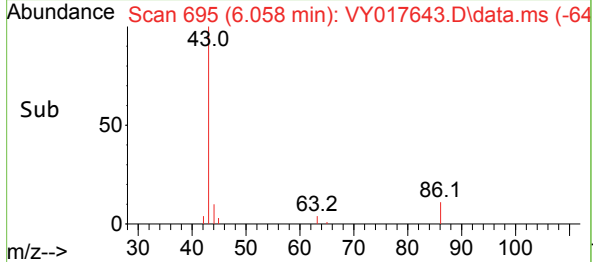
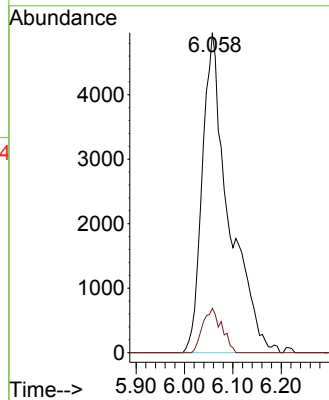
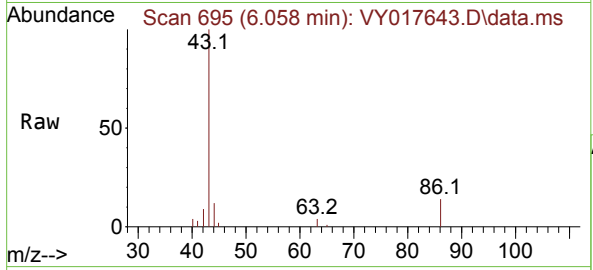




#23
 Vinyl Acetate
 Concen: 8.705 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY017643.D
 Acq: 12 Mar 2024 15:20

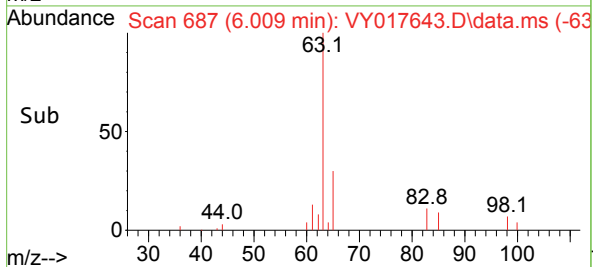
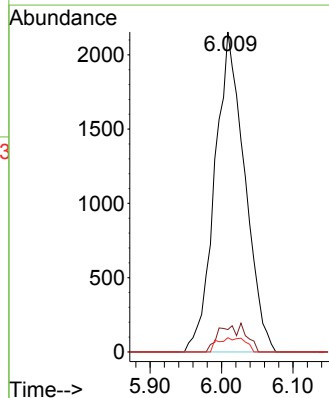
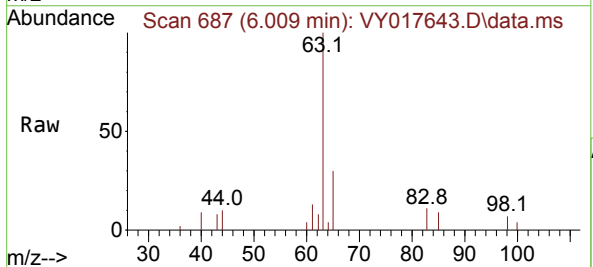
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL05

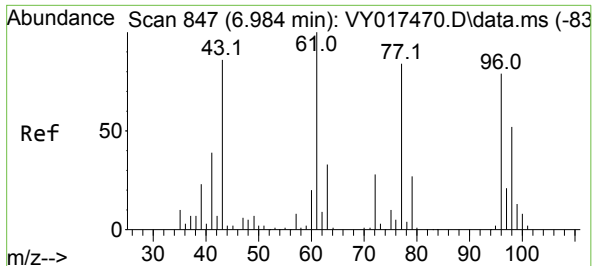
Tgt Ion: 43 Resp: 18880
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 2.508 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY017643.D
 Acq: 12 Mar 2024 15:20

Tgt Ion: 63 Resp: 6236
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.2
 100 4.4 2.6 8.0





#25

2-Butanone

Concen: 13.083 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

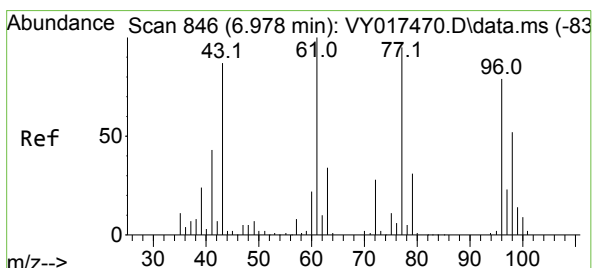
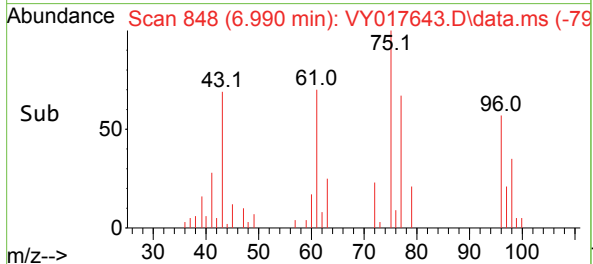
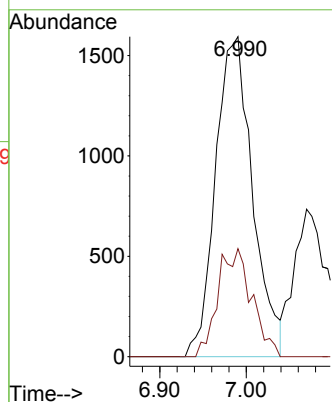
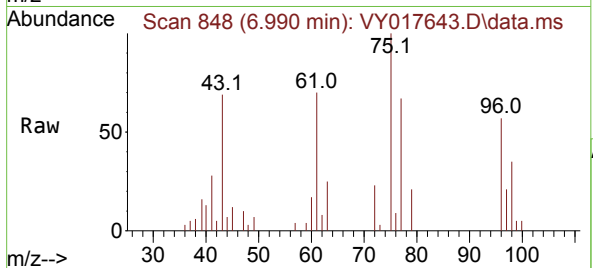
MDL05

Tgt Ion: 43 Resp: 4736

Ion Ratio Lower Upper

43 100

72 33.8 27.3 40.9



#26

2,2-Dichloropropane

Concen: 2.637 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY017643.D

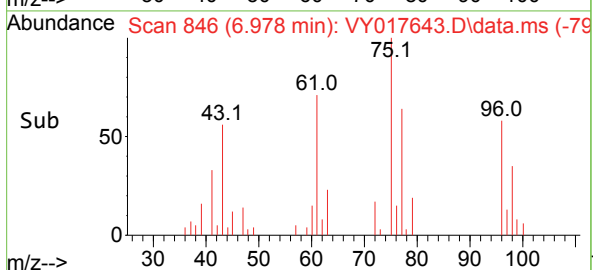
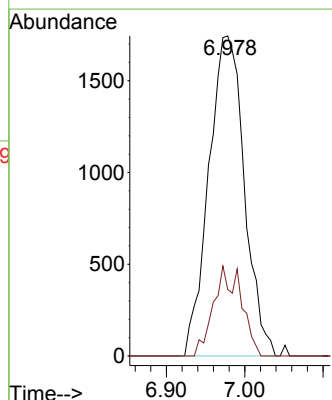
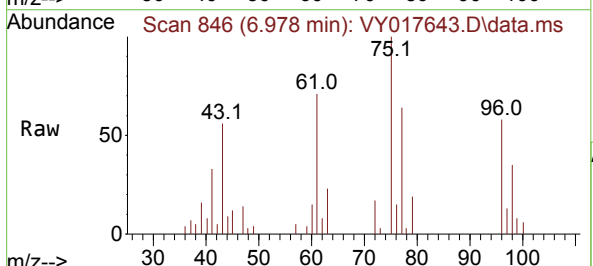
Acq: 12 Mar 2024 15:20

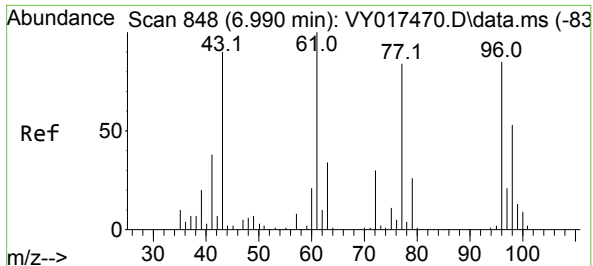
Tgt Ion: 77 Resp: 5513

Ion Ratio Lower Upper

77 100

97 21.8 12.0 36.1

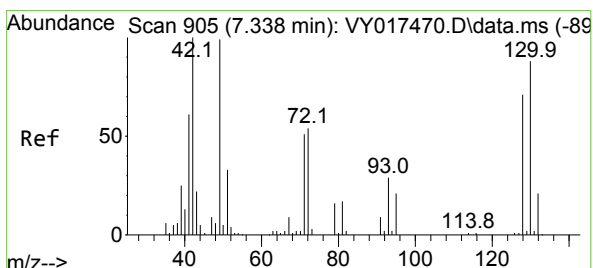
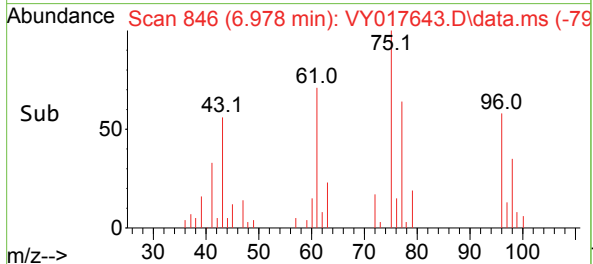
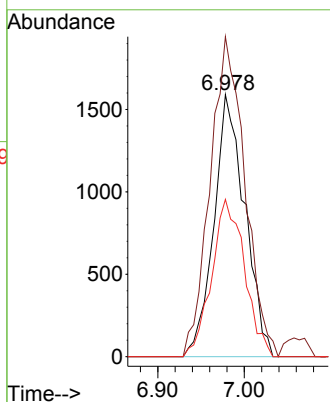
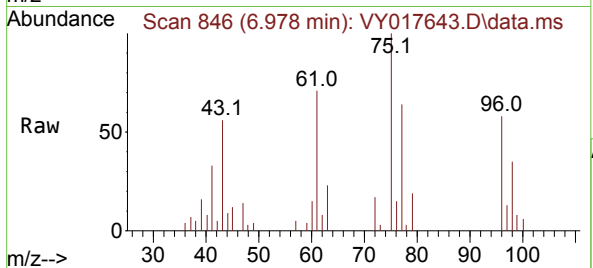




#27
 cis-1,2-Dichloroethene
 Concen: 2.300 ug/l
 RT: 6.978 min Scan# 848
 Delta R.T. -0.012 min
 Lab File: VY017643.D
 Acq: 12 Mar 2024 15:20

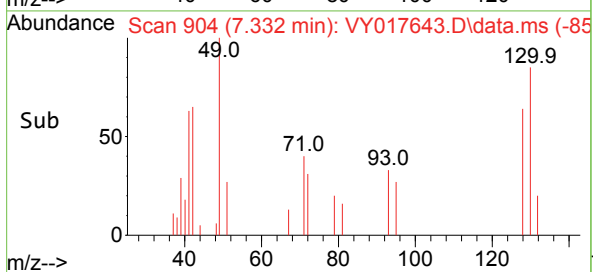
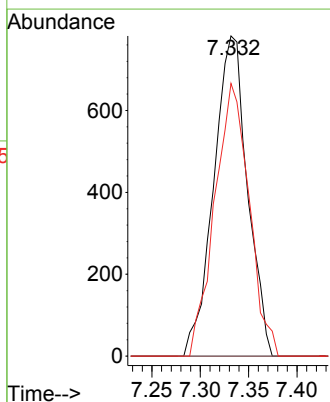
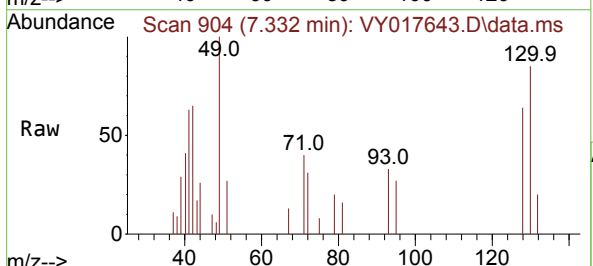
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL05

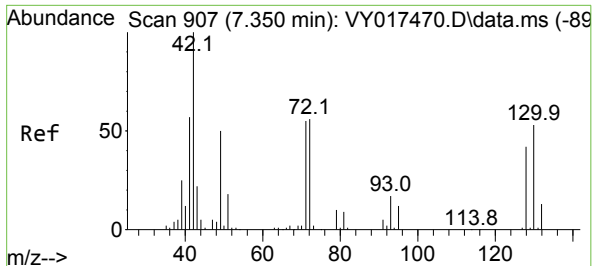
Tgt Ion: 96 Resp: 3947
 Ion Ratio Lower Upper
 96 100
 61 137.0 0.0 256.2
 98 63.6 0.0 130.0



#28
 Bromochloromethane
 Concen: 1.941 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: VY017643.D
 Acq: 12 Mar 2024 15:20

Tgt Ion: 49 Resp: 1901
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 86.7 72.7 109.1





#29

Tetrahydrofuran

Concen: 10.806 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

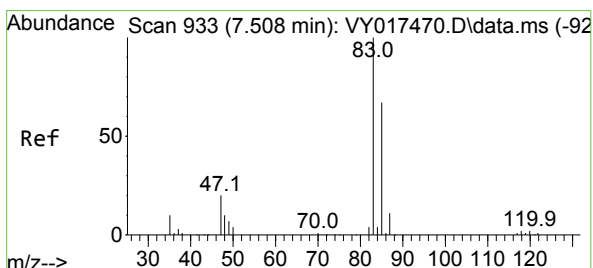
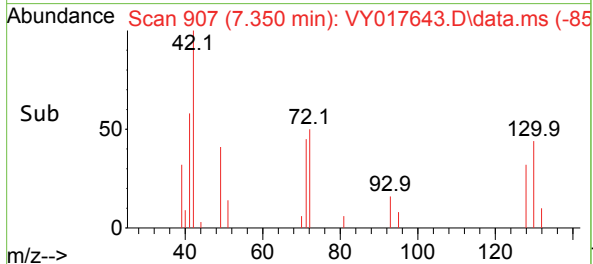
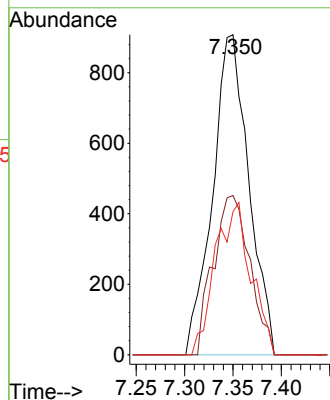
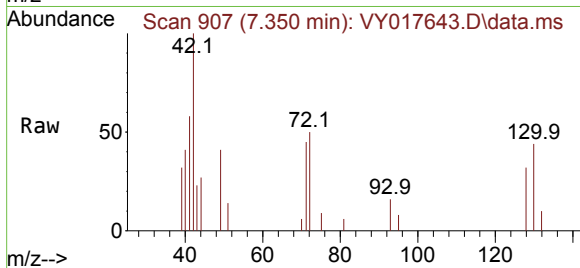
Tgt Ion: 42 Resp: 2358

Ion Ratio Lower Upper

42 100

72 50.4 43.0 64.4

71 46.9 40.8 61.2



#30

Chloroform

Concen: 2.674 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY017643.D

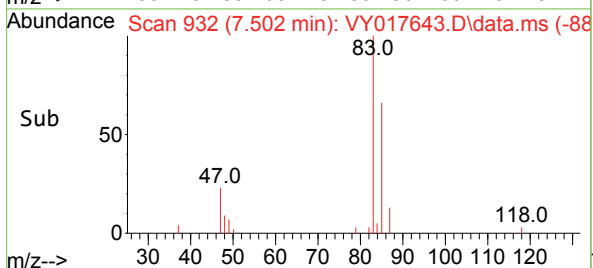
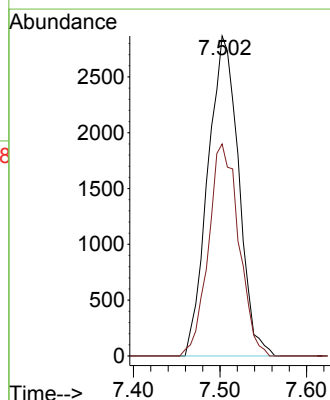
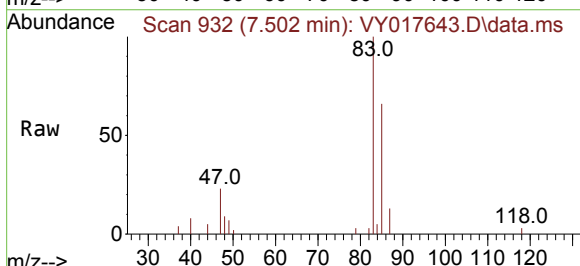
Acq: 12 Mar 2024 15:20

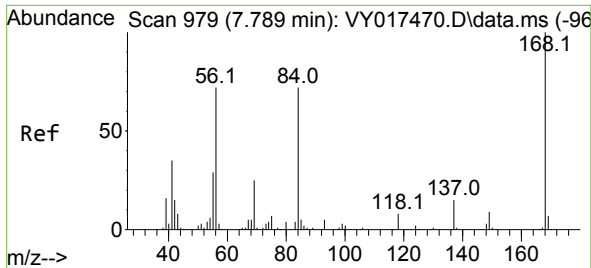
Tgt Ion: 83 Resp: 7078

Ion Ratio Lower Upper

83 100

85 66.2 52.2 78.4

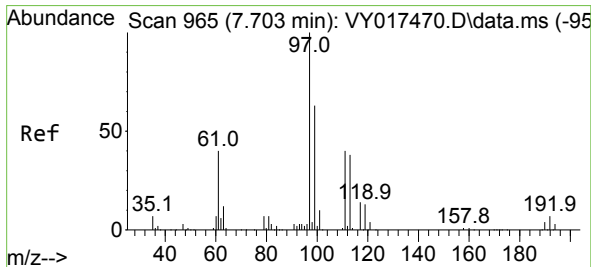
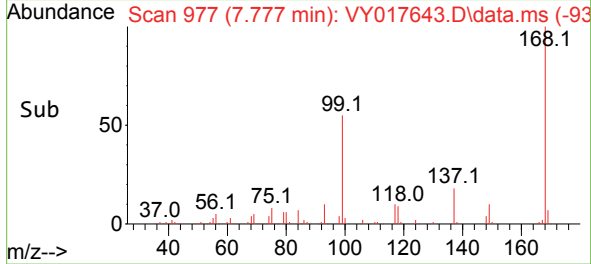
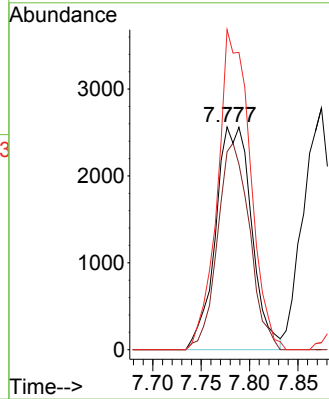
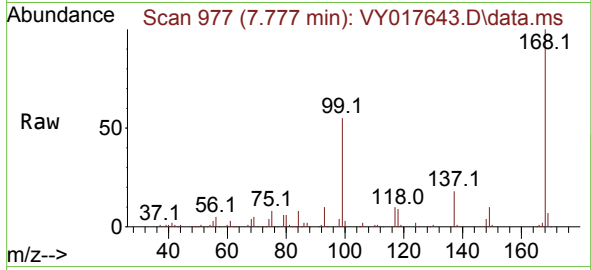




#31
Cyclohexane
Concen: 3.128 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

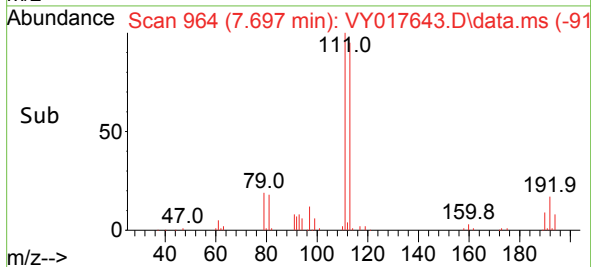
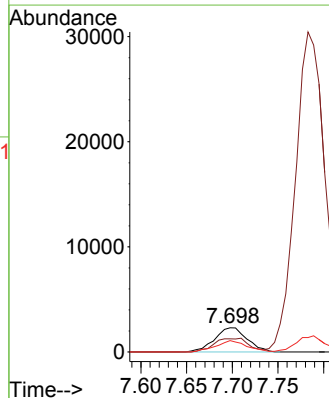
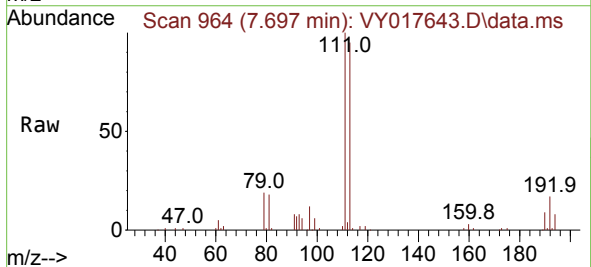
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

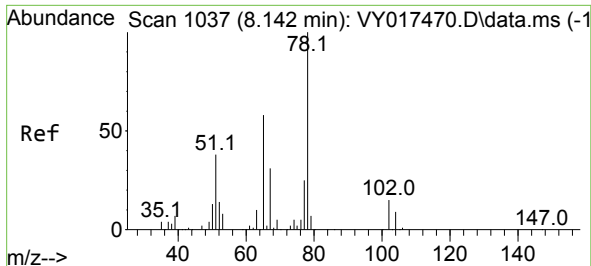
Tgt Ion: 56 Resp: 6666
Ion Ratio Lower Upper
56 100
69 88.8 28.7 43.1#
84 143.7 77.7 116.5#



#32
1,1,1-Trichloroethane
Concen: 2.465 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Tgt Ion: 97 Resp: 5666
Ion Ratio Lower Upper
97 100
99 60.1 50.3 75.5
61 44.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 53.099 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

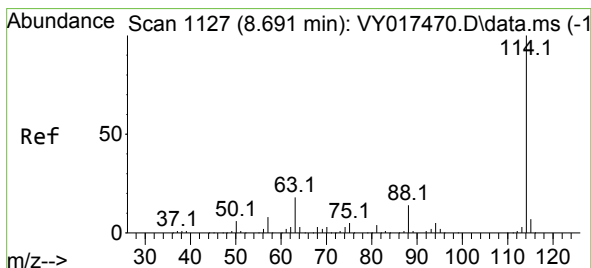
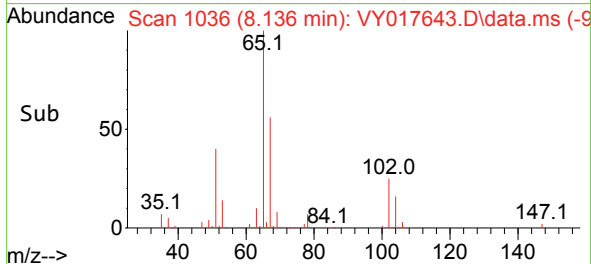
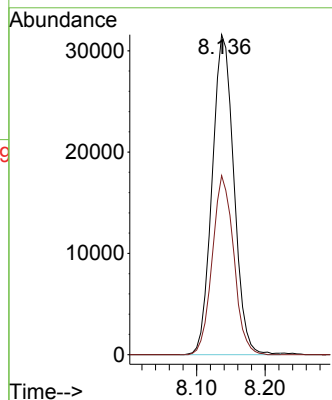
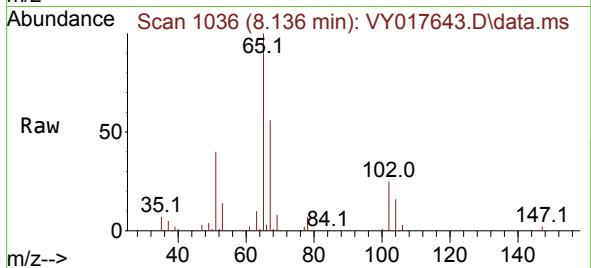
MDL05

Tgt Ion: 65 Resp: 69540

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

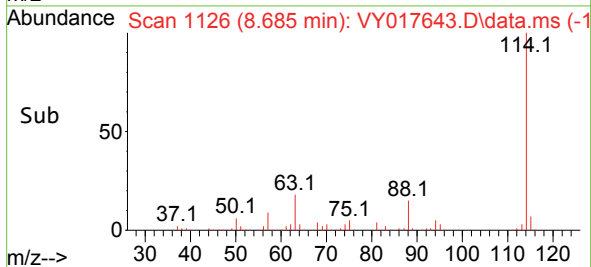
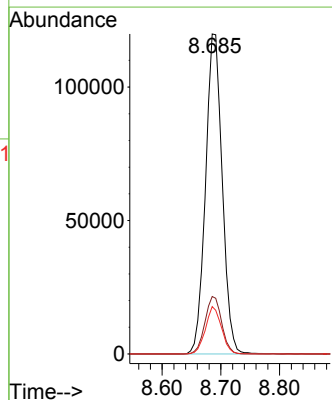
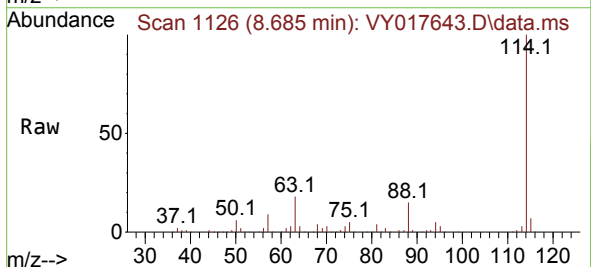
Tgt Ion: 114 Resp: 237074

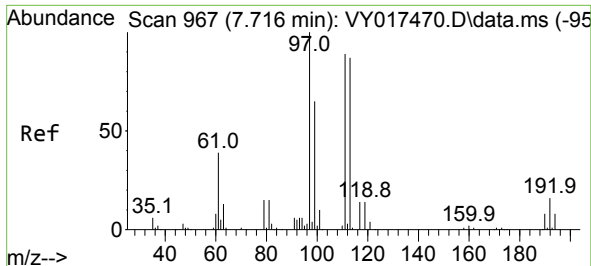
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

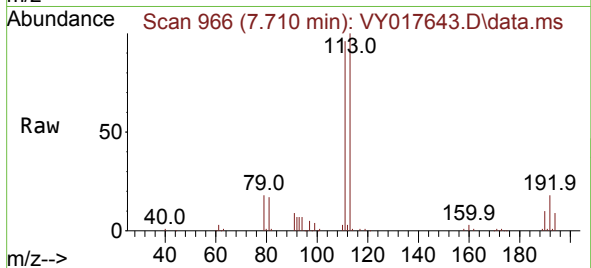
88 14.8 0.0 27.2



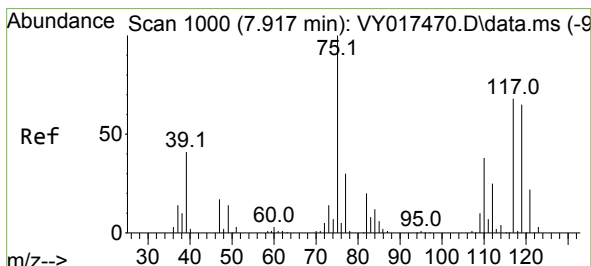
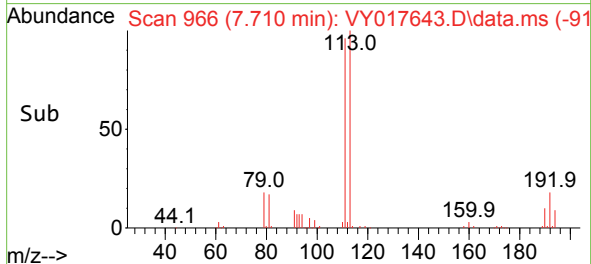
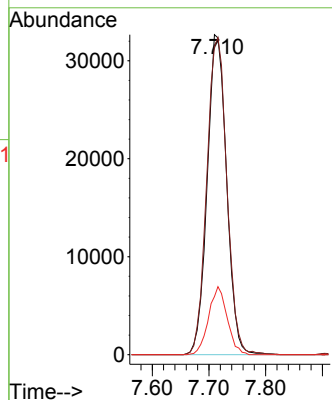


#35
Dibromofluoromethane
Concen: 46.908 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Instrument :
MSVOA_Y
ClientSampleId :
MDL05

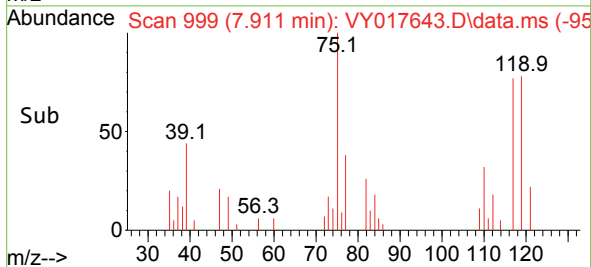
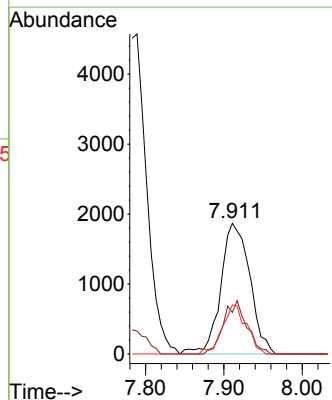
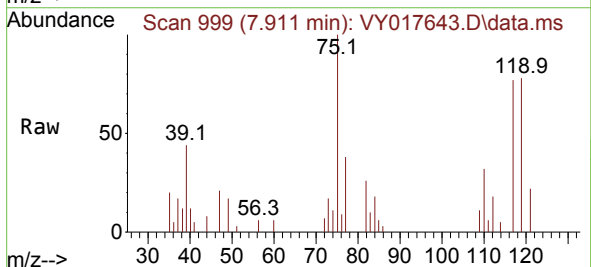


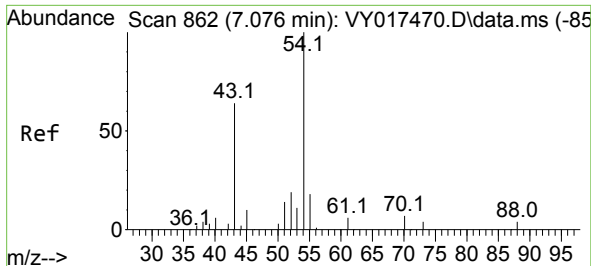
Tgt Ion:113 Resp: 77493
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 20.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 2.166 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Tgt Ion: 75 Resp: 4827
Ion Ratio Lower Upper
75 100
110 32.7 19.0 57.0
77 31.1 25.3 37.9





#37

Ethyl Acetate

Concen: 2.259 ug/l

RT: 7.070 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

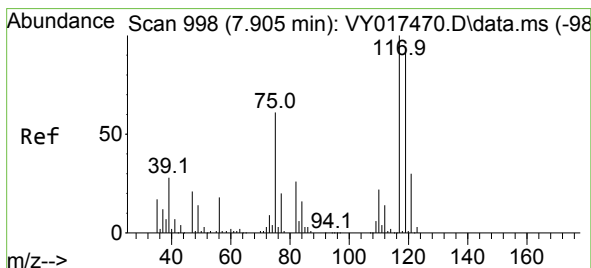
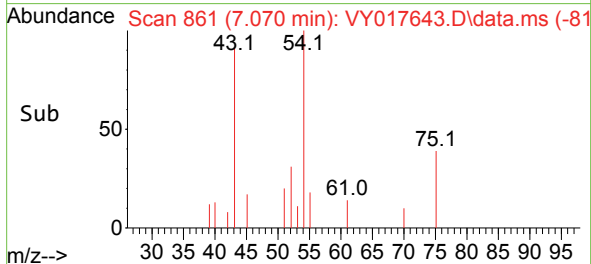
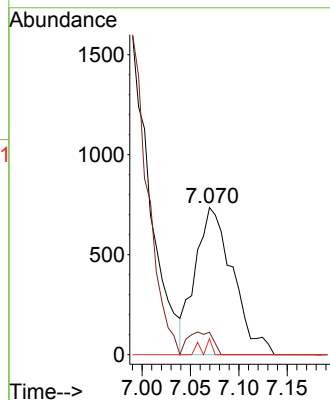
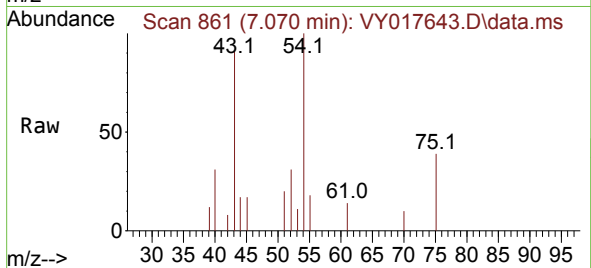
Tgt Ion: 43 Resp: 1989

Ion Ratio Lower Upper

43 100

61 10.4 12.6 19.0#

70 1.2 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 2.205 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.012 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

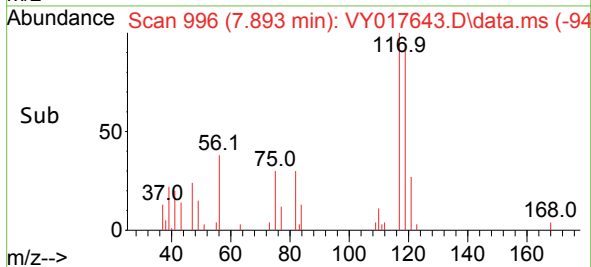
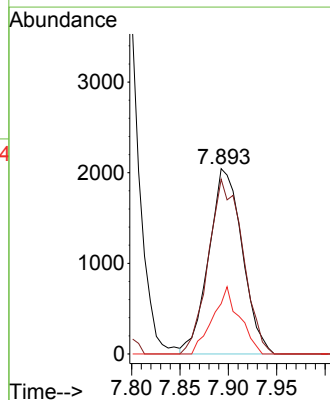
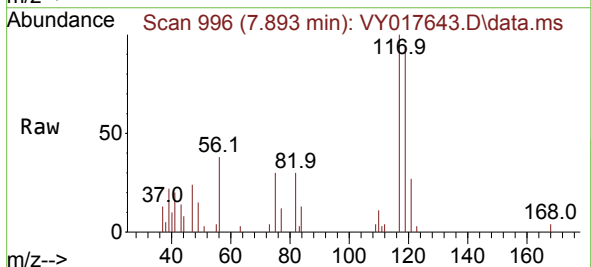
Tgt Ion:117 Resp: 4925

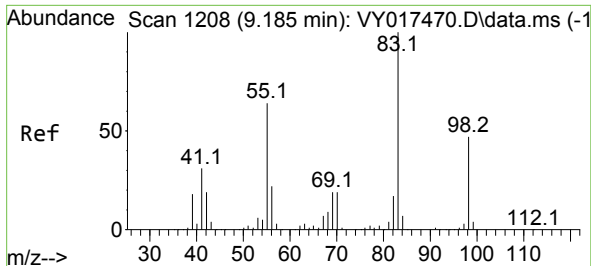
Ion Ratio Lower Upper

117 100

119 94.3 75.8 113.6

121 27.1 24.0 36.0





#39

Methylcyclohexane

Concen: 1.961 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

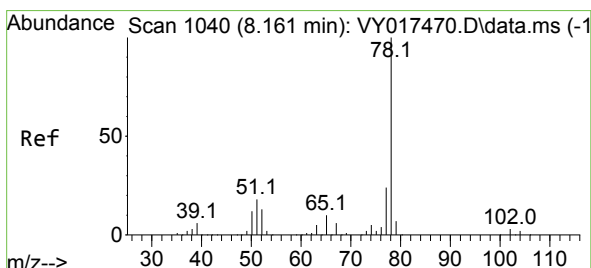
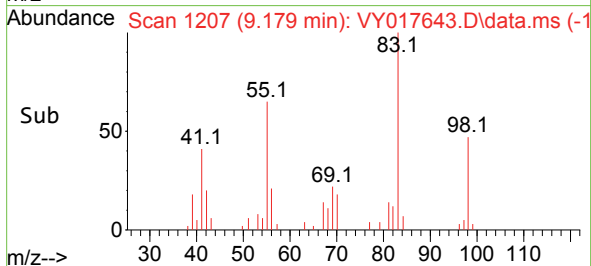
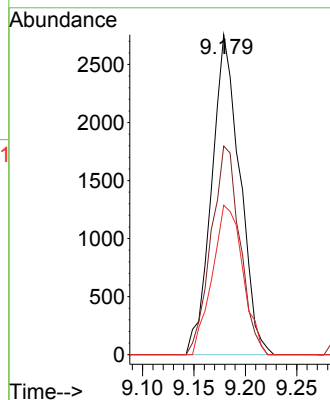
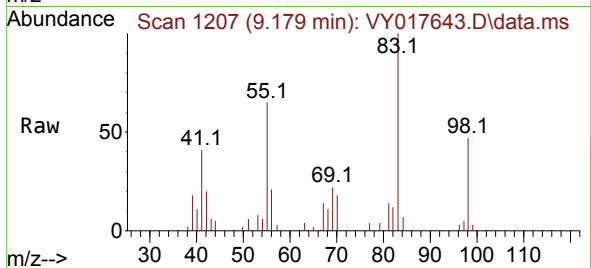
Tgt Ion: 83 Resp: 5253

Ion Ratio Lower Upper

83 100

55 65.2 51.5 77.3

98 46.7 40.5 60.7



#40

Benzene

Concen: 2.187 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017643.D

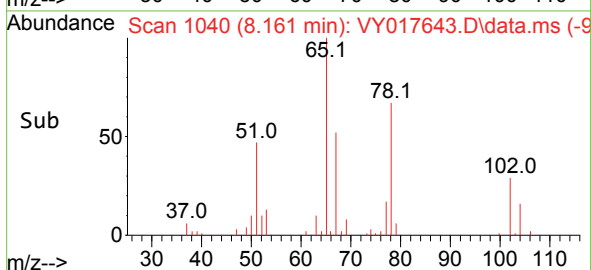
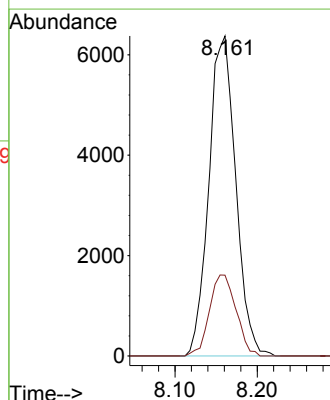
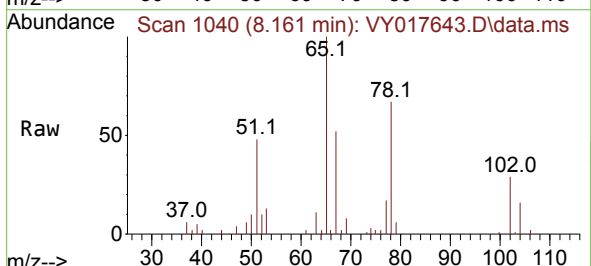
Acq: 12 Mar 2024 15:20

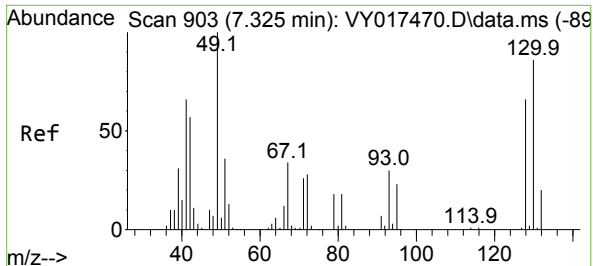
Tgt Ion: 78 Resp: 14476

Ion Ratio Lower Upper

78 100

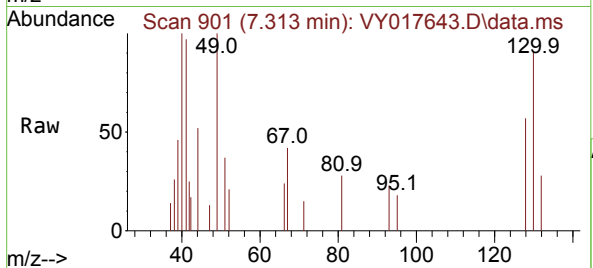
77 25.3 19.5 29.3



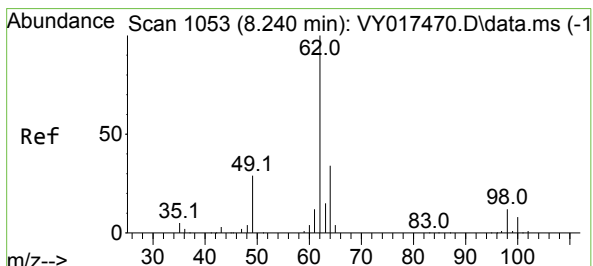
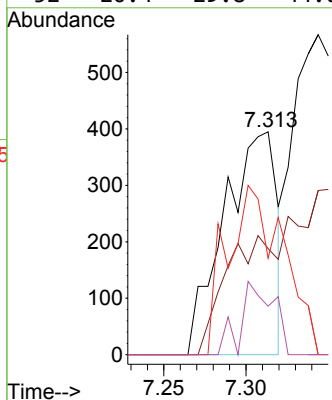
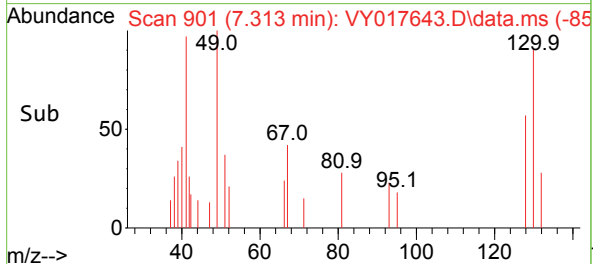


#41
Methacrylonitrile
Concen: 1.994 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Instrument :
MSVOA_Y
ClientSampleId :
MDL05

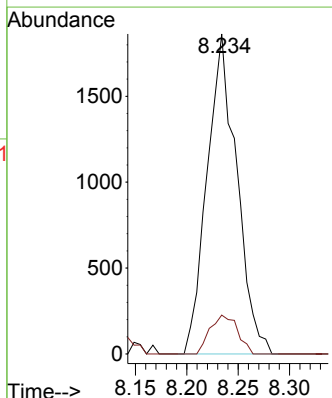
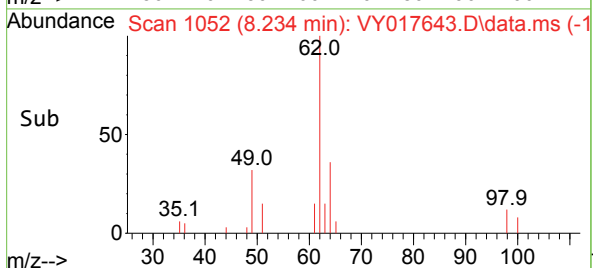
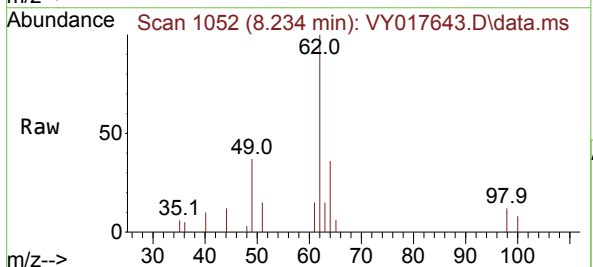


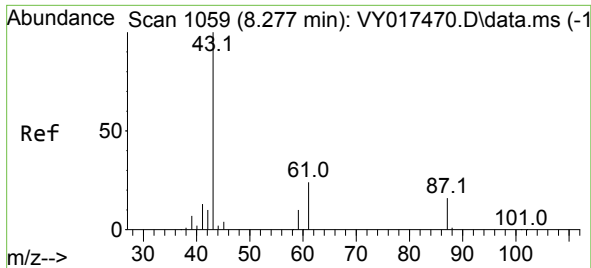
Tgt Ion: 41 Resp: 881
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 80.5 75.1 112.7
52 20.4 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 2.314 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Tgt Ion: 62 Resp: 3737
Ion Ratio Lower Upper
62 100
98 11.2 0.0 22.0

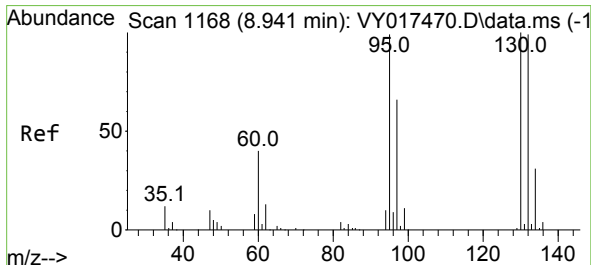
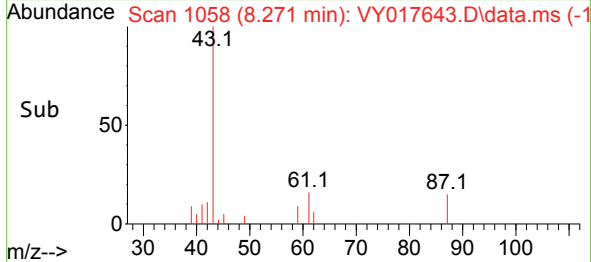
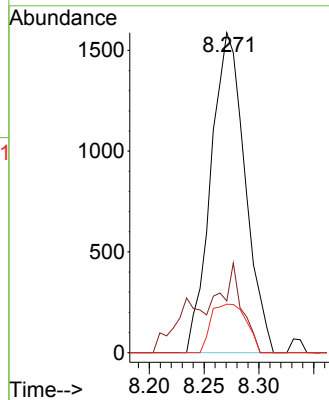
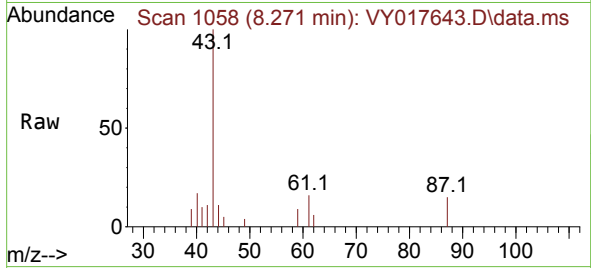




#43
Isopropyl Acetate
Concen: 2.224 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

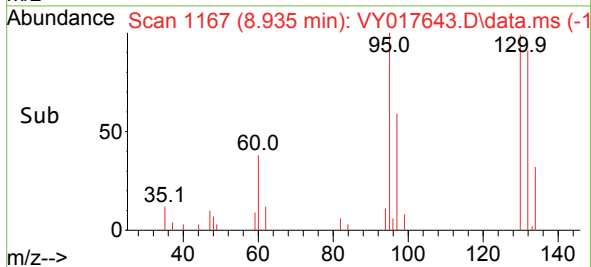
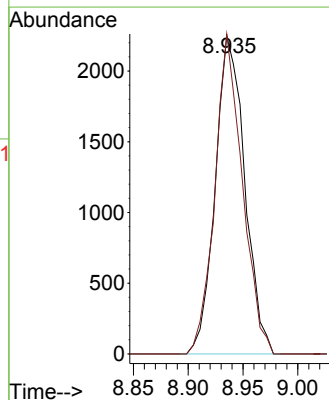
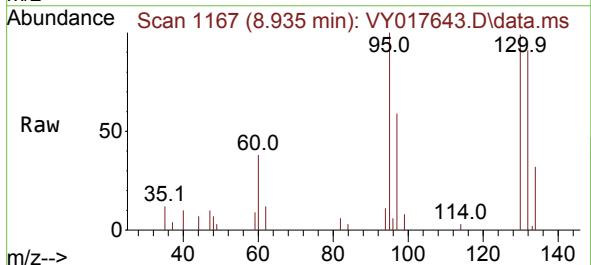
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

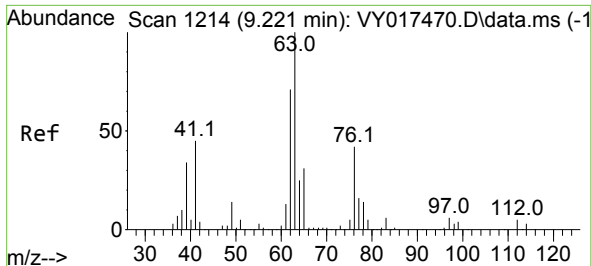
Tgt Ion: 43 Resp: 3440
Ion Ratio Lower Upper
43 100
61 18.9 27.9 41.9#
87 15.6 13.1 19.7



#44
Trichloroethene
Concen: 2.202 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Tgt Ion:130 Resp: 4202
Ion Ratio Lower Upper
130 100
95 100.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 2.310 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

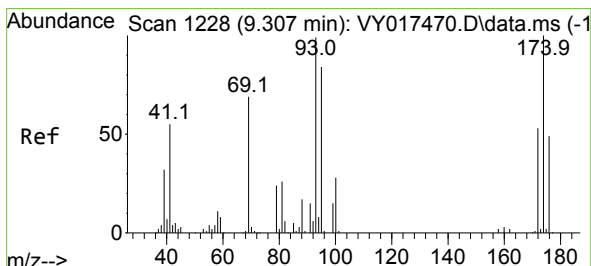
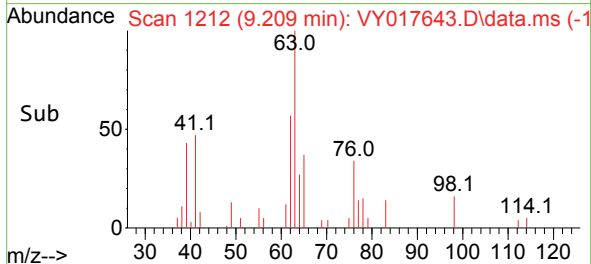
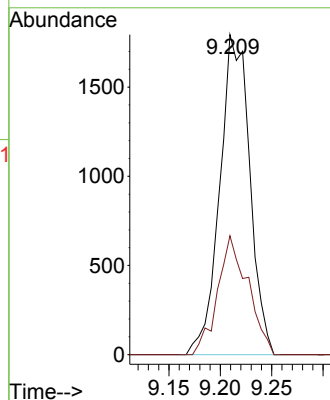
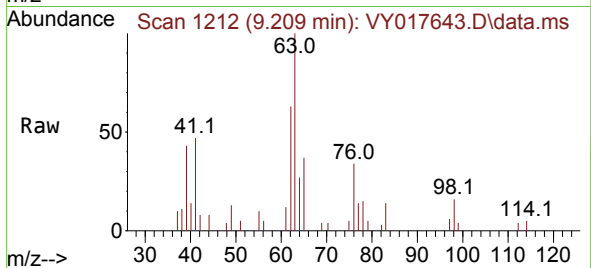
MDL05

Tgt Ion: 63 Resp: 3638

Ion Ratio Lower Upper

63 100

65 37.1 25.4 38.2



#46

Dibromomethane

Concen: 2.196 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

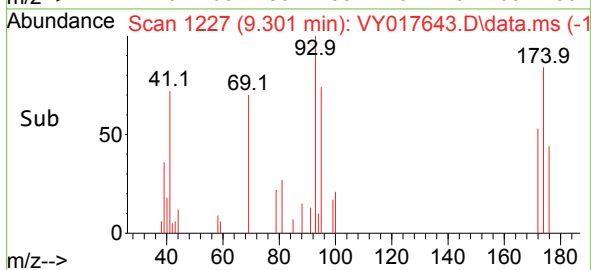
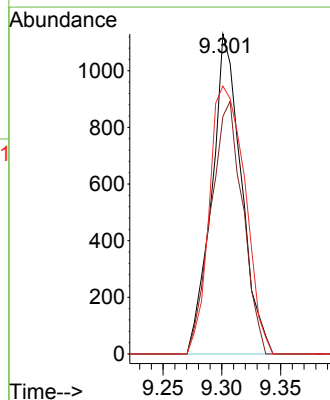
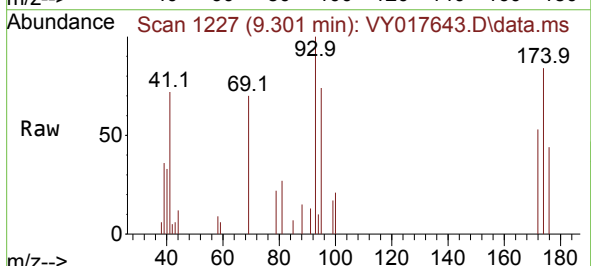
Tgt Ion: 93 Resp: 1979

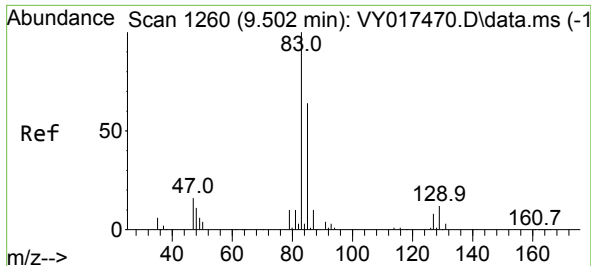
Ion Ratio Lower Upper

93 100

95 85.2 66.2 99.4

174 100.6 80.9 121.3

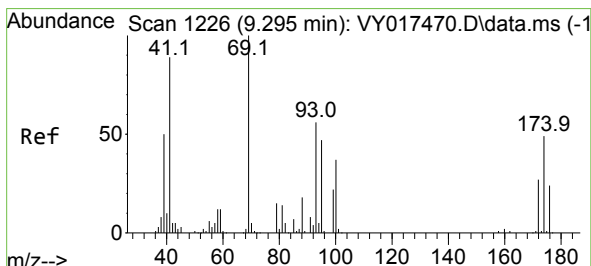
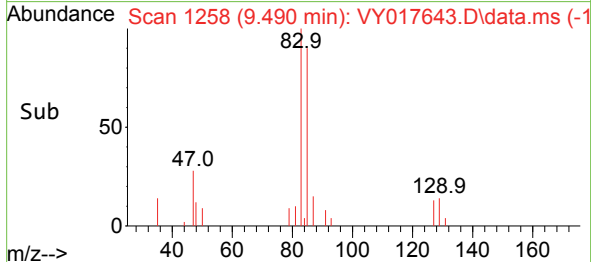
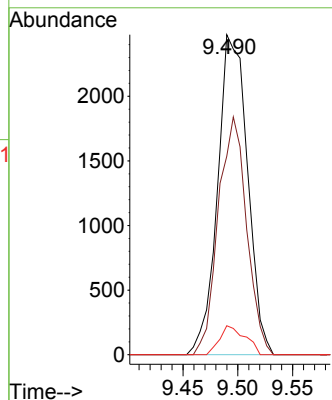
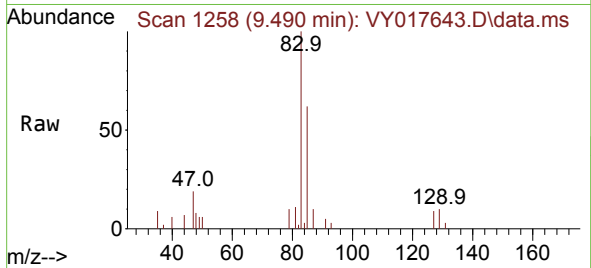




#47
Bromodichloromethane
Concen: 2.145 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.012 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

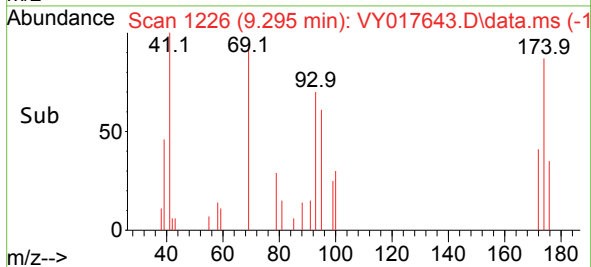
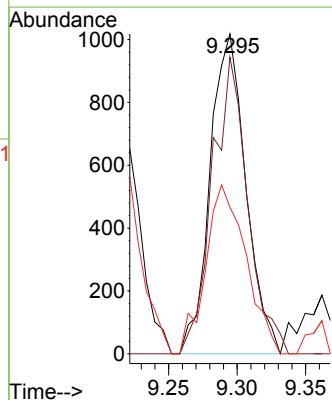
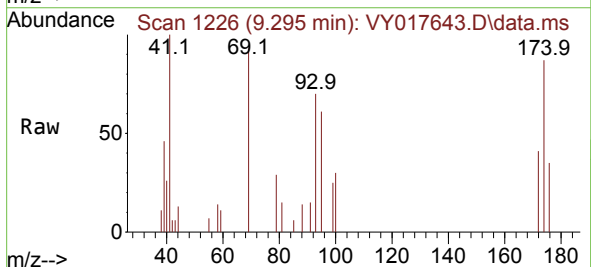
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

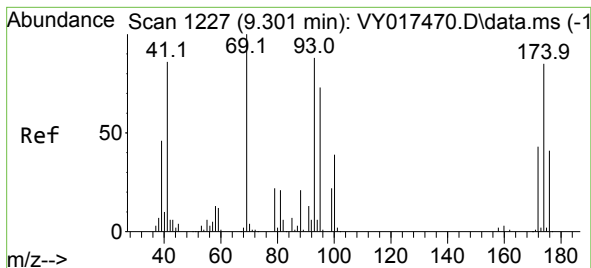
Tgt Ion: 83 Resp: 4693
Ion Ratio Lower Upper
83 100
85 62.0 50.1 75.1
127 9.0 7.4 11.0



#48
Methyl methacrylate
Concen: 2.588 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Tgt Ion: 41 Resp: 1853
Ion Ratio Lower Upper
41 100
69 91.5 84.1 126.1
39 59.5 43.6 65.4





#49

1,4-Dioxane

Concen: 31.765 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

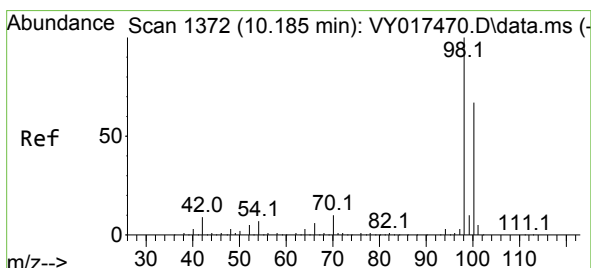
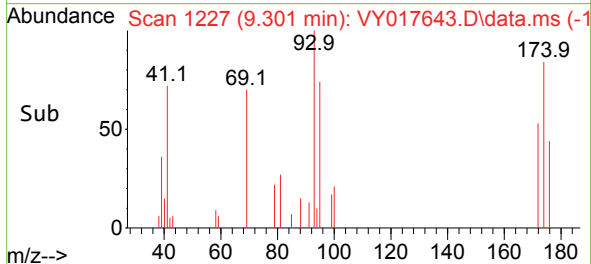
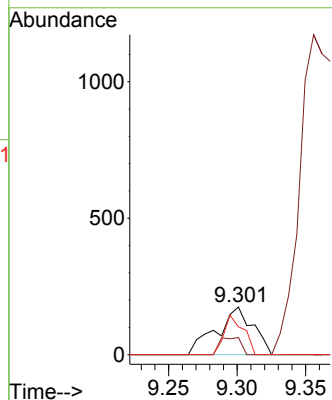
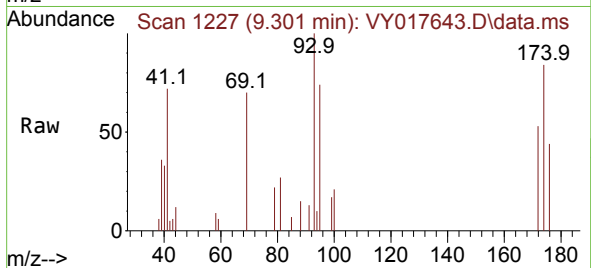
Tgt Ion: 88 Resp: 324

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 43.8 49.3 73.9#



#50

Toluene-d8

Concen: 49.066 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY017643.D

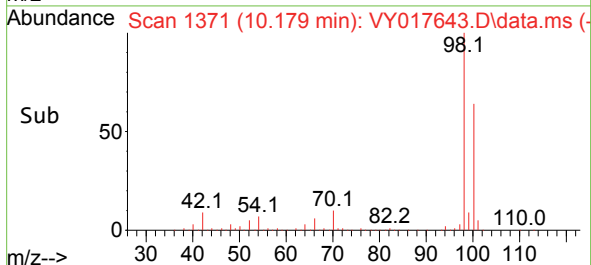
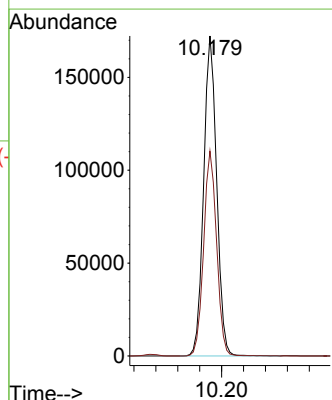
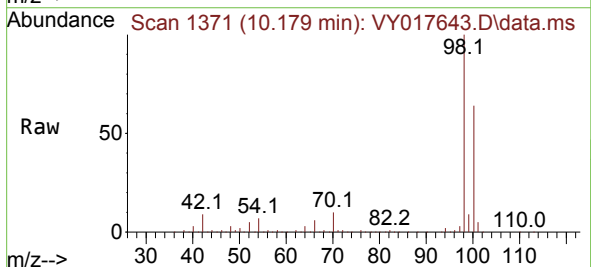
Acq: 12 Mar 2024 15:20

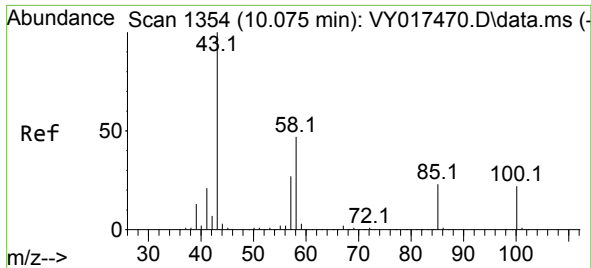
Tgt Ion: 98 Resp: 283408

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0

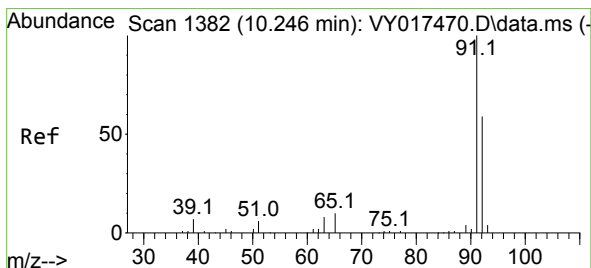
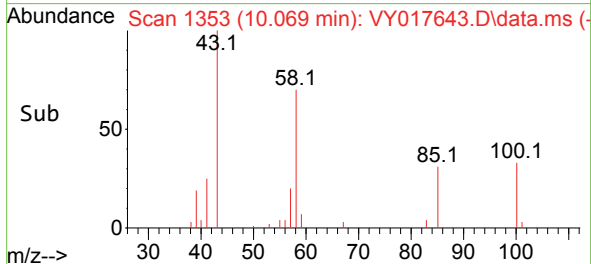
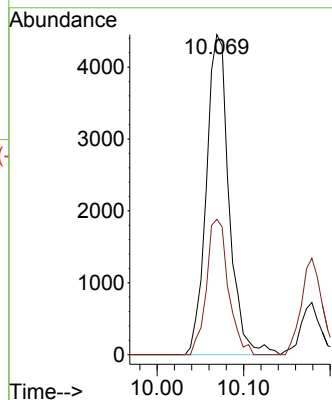
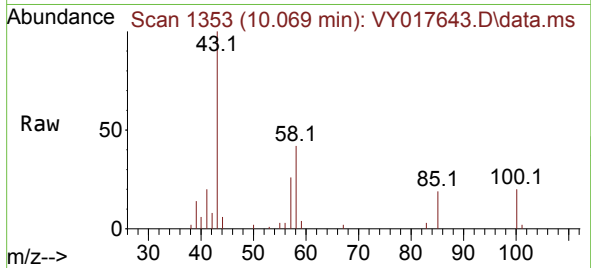




#51
4-Methyl-2-Pentanone
Concen: 9.414 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

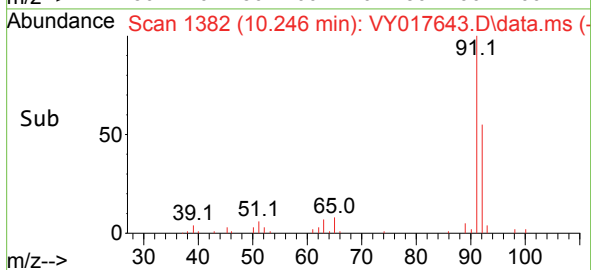
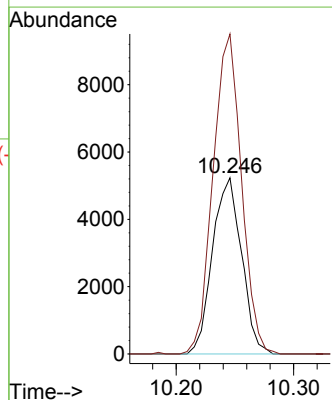
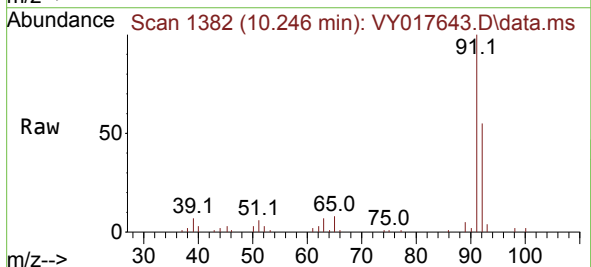
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

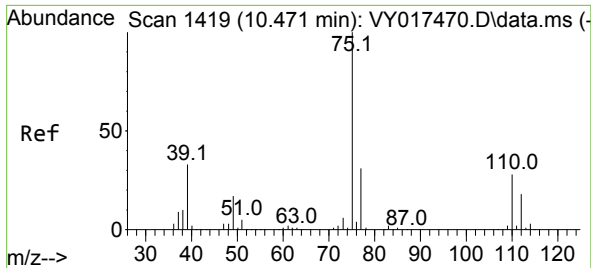
Tgt Ion: 43 Resp: 8117
Ion Ratio Lower Upper
43 100
58 40.8 35.7 53.5



#52
Toluene
Concen: 2.154 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Tgt Ion: 92 Resp: 8987
Ion Ratio Lower Upper
92 100
91 177.8 139.0 208.6

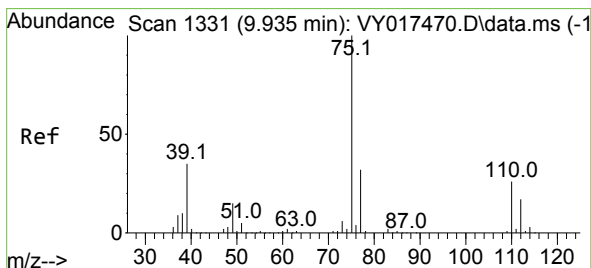
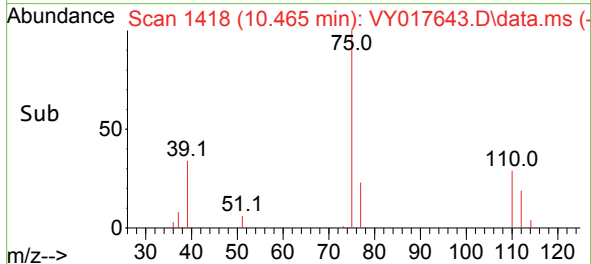
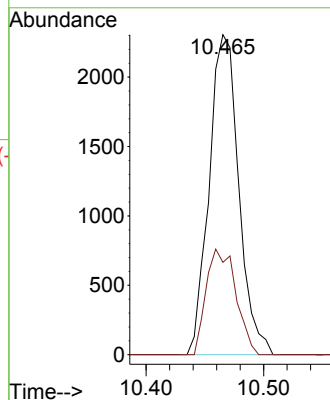
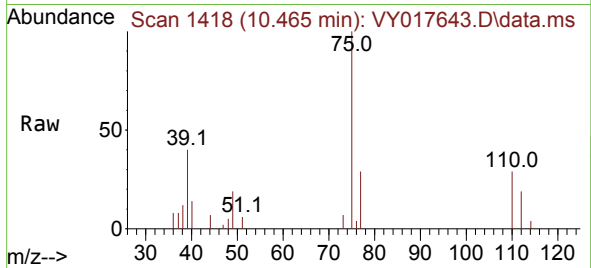




#53
 t-1,3-Dichloropropene
 Concen: 1.989 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY017643.D
 Acq: 12 Mar 2024 15:20

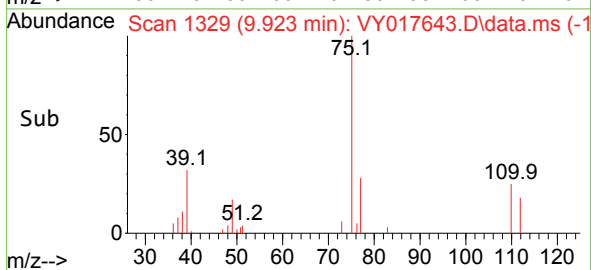
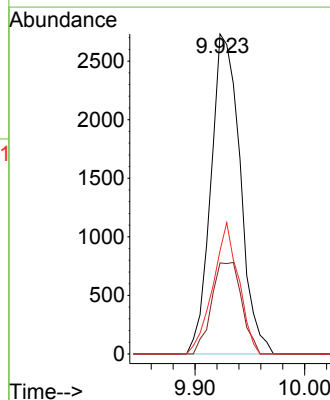
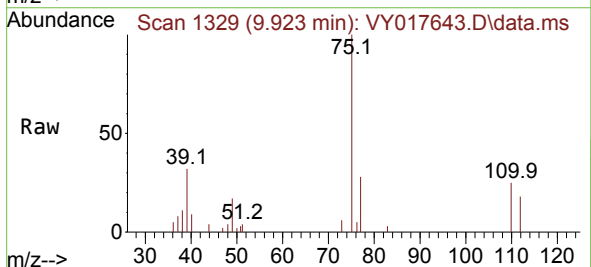
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL05

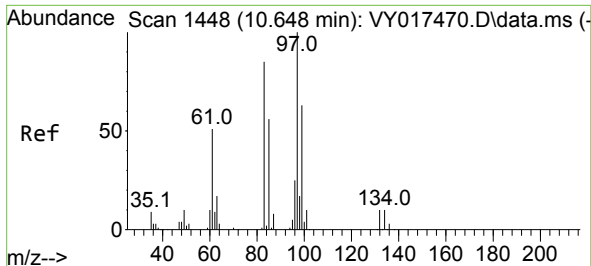
Tgt Ion: 75 Resp: 4041
 Ion Ratio Lower Upper
 75 100
 77 28.8 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 2.044 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.012 min
 Lab File: VY017643.D
 Acq: 12 Mar 2024 15:20

Tgt Ion: 75 Resp: 5045
 Ion Ratio Lower Upper
 75 100
 77 28.4 25.4 38.0
 39 32.3 29.8 44.6

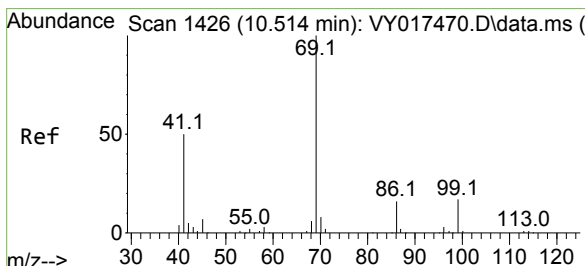
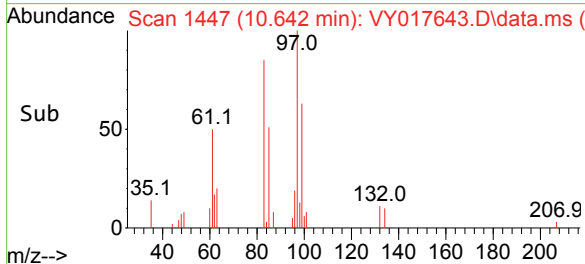
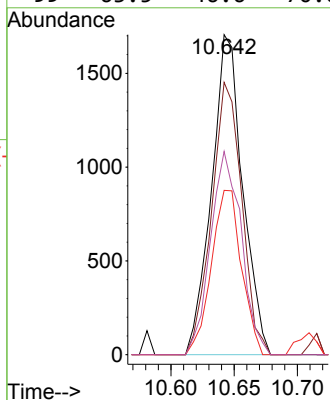
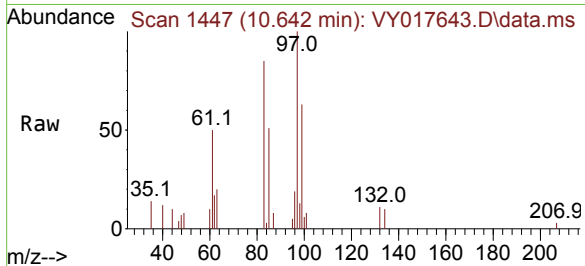




#55
1,1,2-Trichloroethane
Concen: 2.278 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

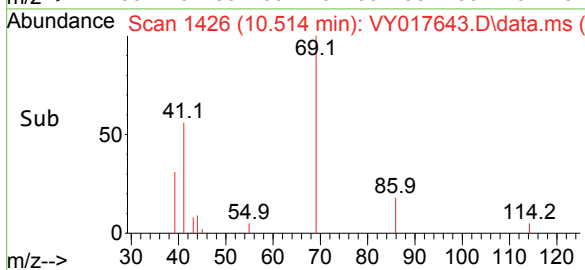
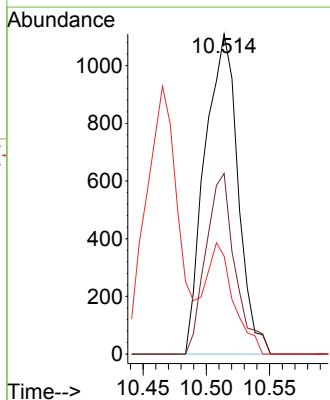
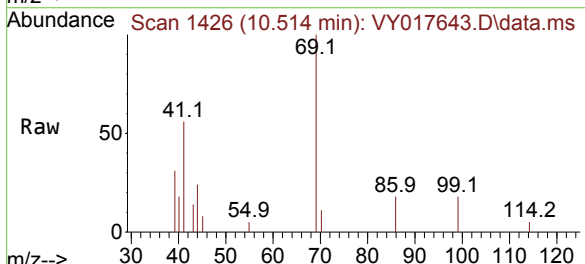
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

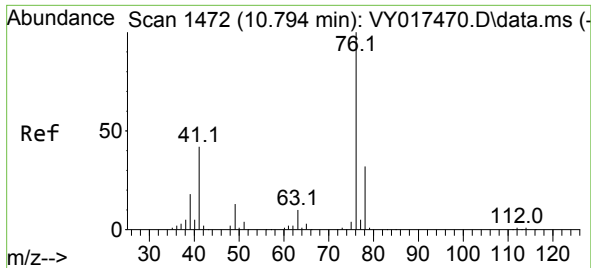
Tgt Ion: 97	Resp:	2915	
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.5	101.3
85	51.3	42.9	64.3
99	63.5	46.6	70.0



#56
Ethyl methacrylate
Concen: 1.406 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Tgt Ion: 69	Resp: 2018
Ion Ratio	Lower Upper
69 100	
41 50.3	42.3 63.5
39 30.2	22.9 34.3





#57

1,3-Dichloropropane

Concen: 2.203 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

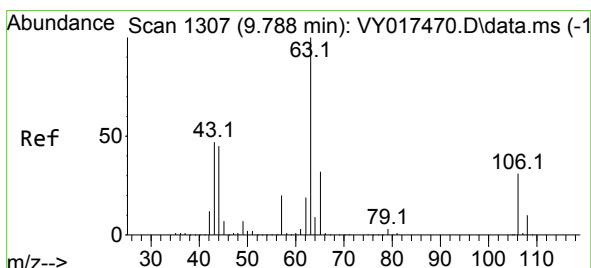
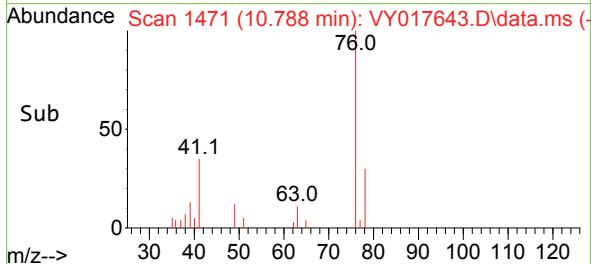
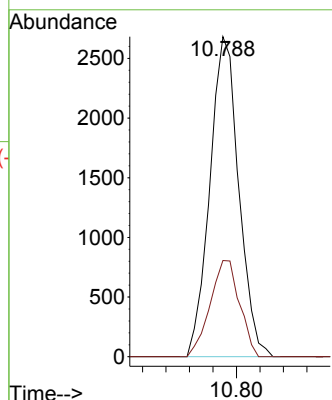
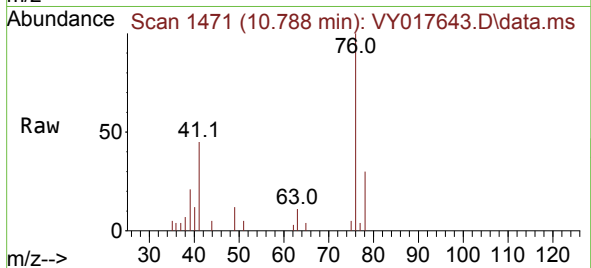
MDL05

Tgt Ion: 76 Resp: 4584

Ion Ratio Lower Upper

76 100

78 30.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 8.432 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY017643.D

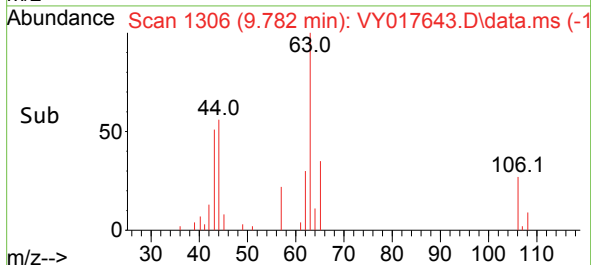
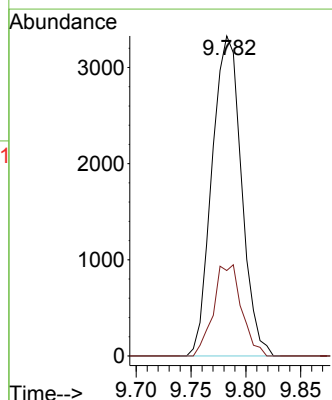
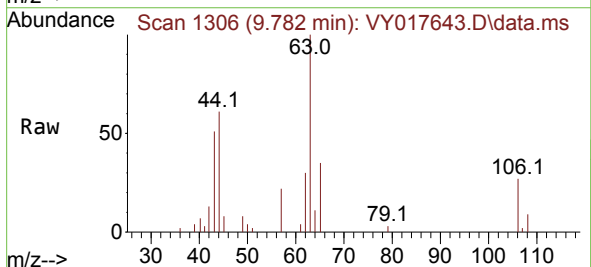
Acq: 12 Mar 2024 15:20

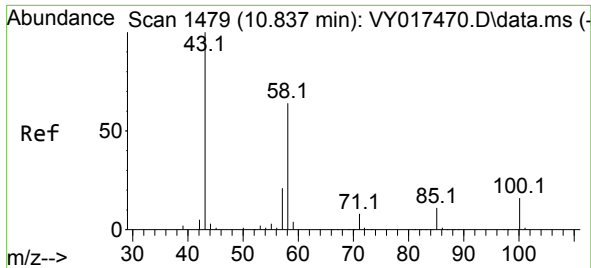
Tgt Ion: 63 Resp: 6226

Ion Ratio Lower Upper

63 100

106 27.2 23.7 35.5

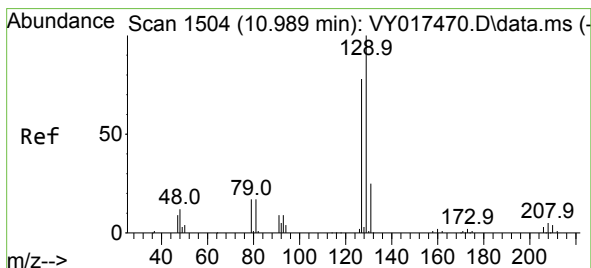
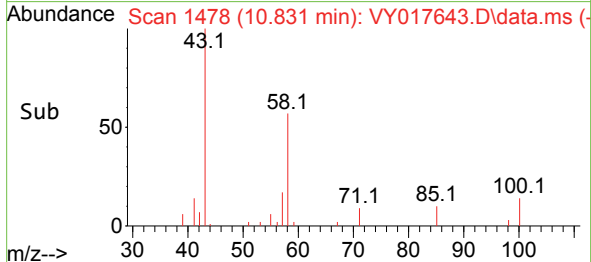
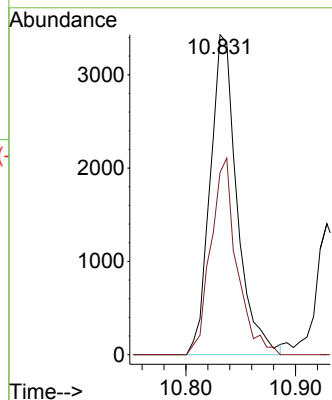
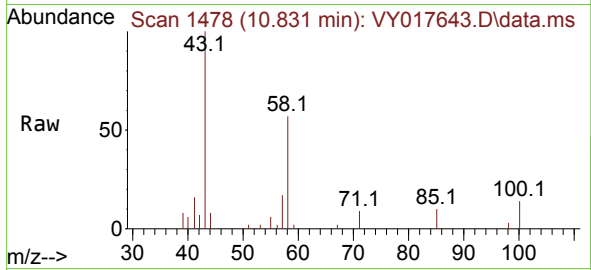




#59
2-Hexanone
Concen: 9.876 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

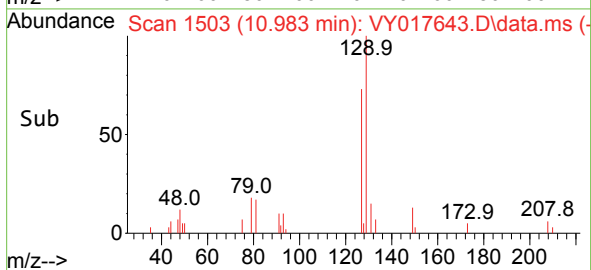
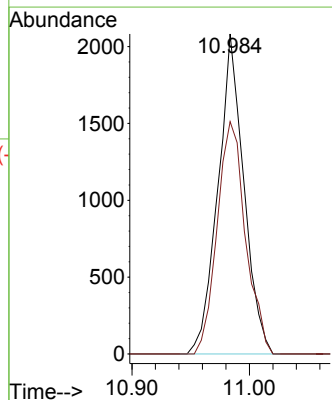
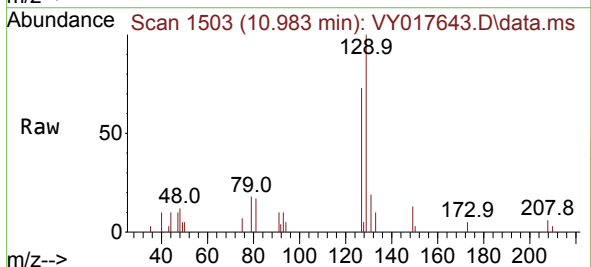
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

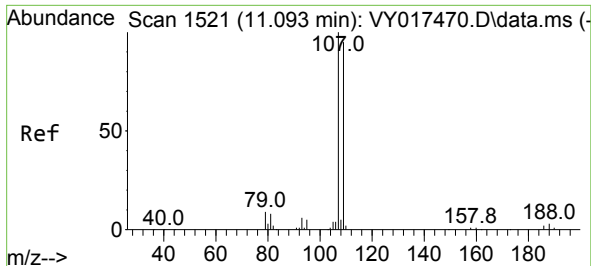
Tgt Ion: 43 Resp: 5849
Ion Ratio Lower Upper
43 100
58 59.6 31.4 94.0



#60
Dibromochloromethane
Concen: 2.106 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Tgt Ion: 129 Resp: 3188
Ion Ratio Lower Upper
129 100
127 79.4 39.0 117.0

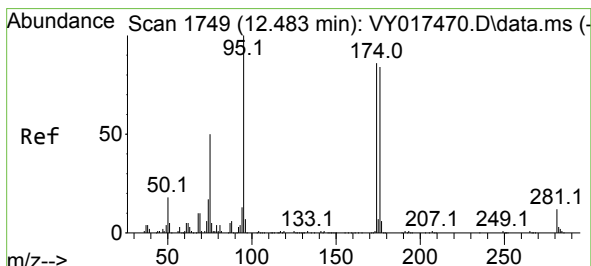
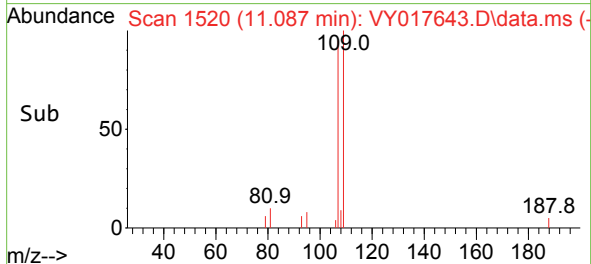
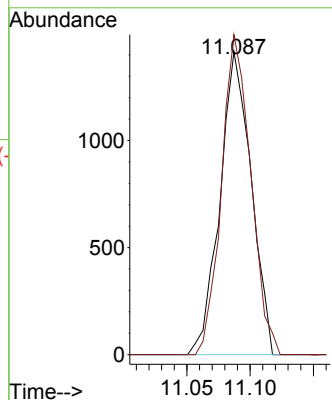
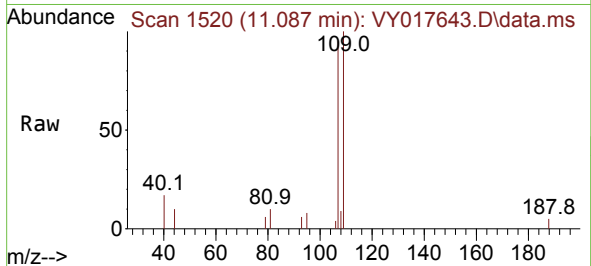




#61
1,2-Dibromoethane
Concen: 2.056 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

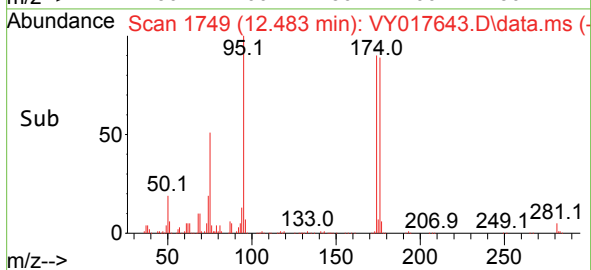
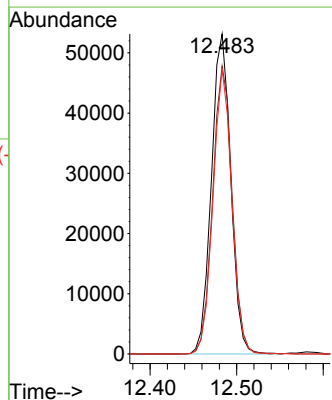
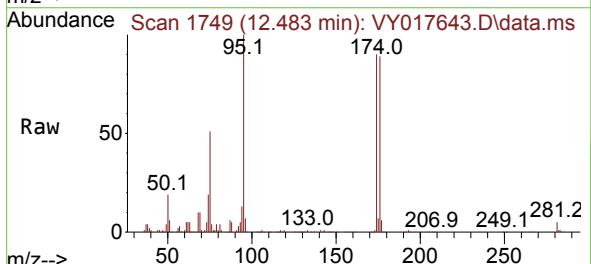
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

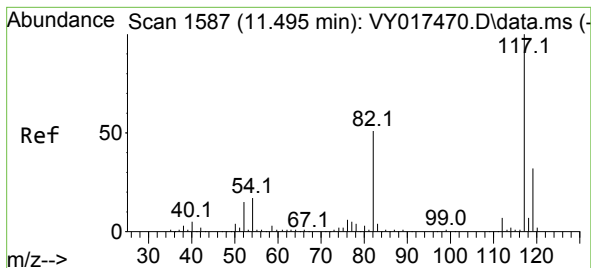
Tgt Ion:107 Resp: 2424
Ion Ratio Lower Upper
107 100
109 99.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 45.416 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Tgt Ion: 95 Resp: 82441
Ion Ratio Lower Upper
95 100
174 90.7 0.0 175.6
176 86.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

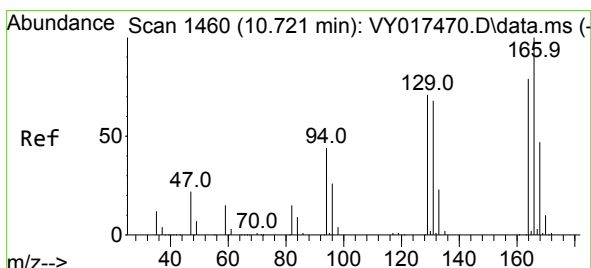
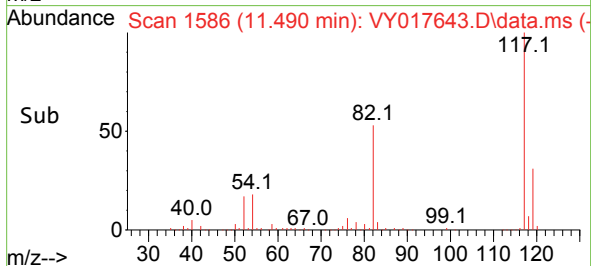
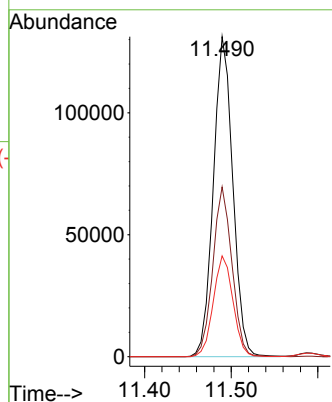
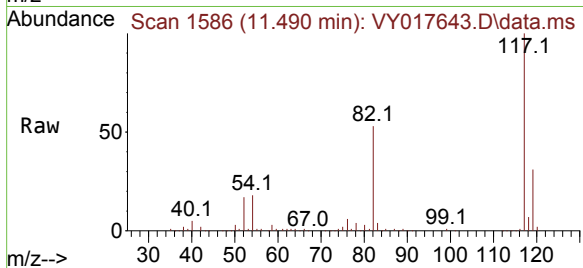
Tgt Ion:117 Resp: 204736

Ion Ratio Lower Upper

117 100

82 53.1 42.4 63.6

119 31.5 25.9 38.9



#64

Tetrachloroethene

Concen: 2.233 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Tgt Ion:164 Resp: 4389

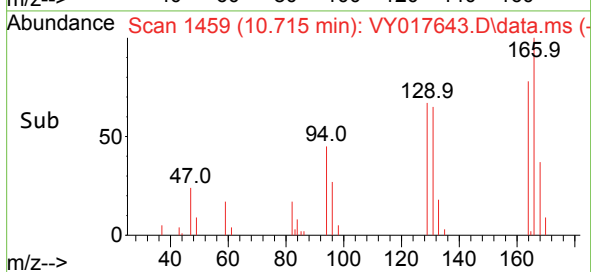
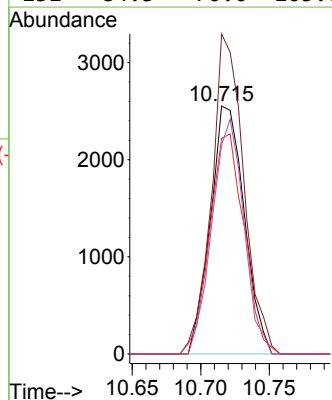
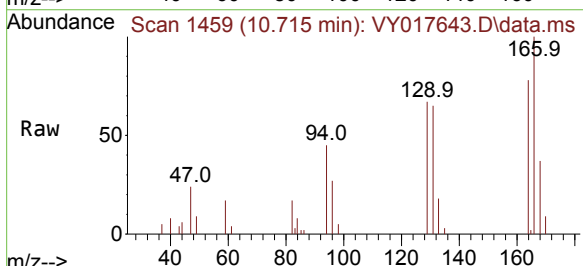
Ion Ratio Lower Upper

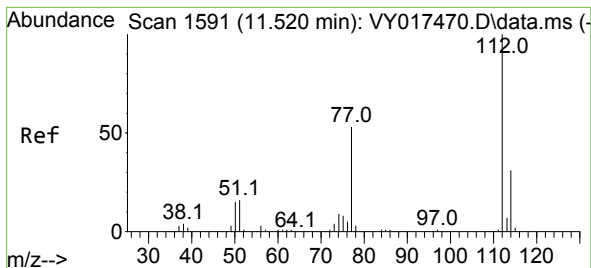
164 100

166 129.0 102.6 154.0

129 86.9 72.0 108.0

131 84.3 70.0 105.0

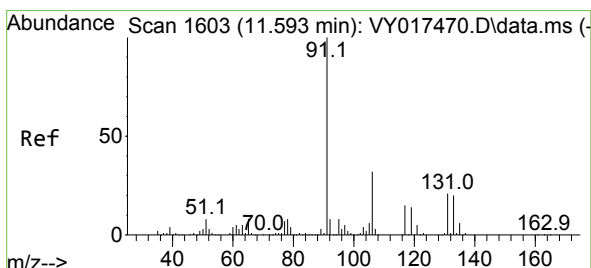
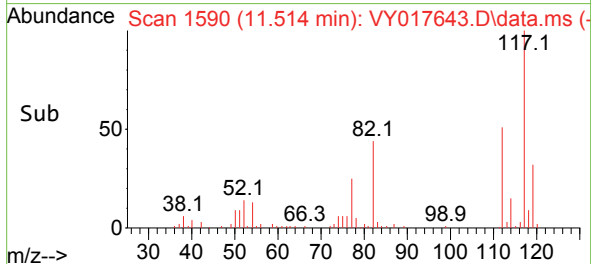
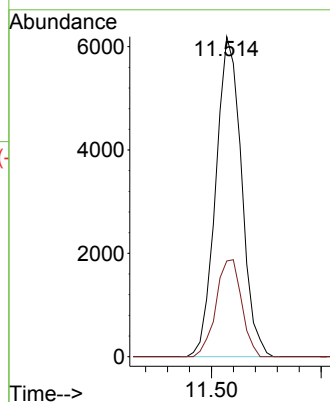
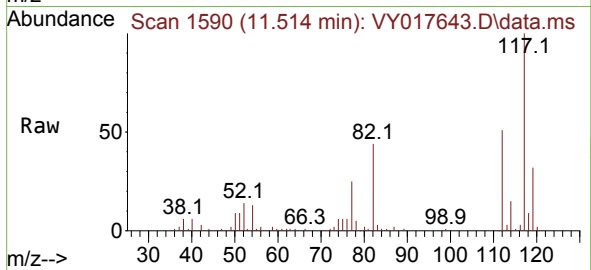




#65
Chlorobenzene
Concen: 2.322 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

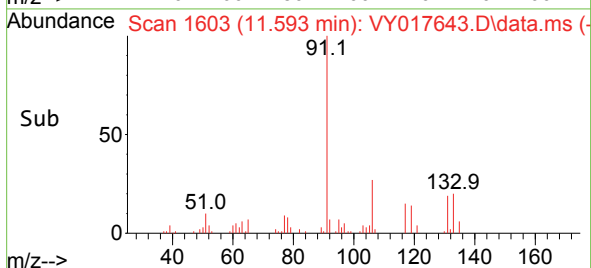
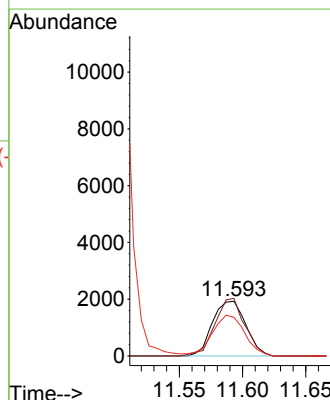
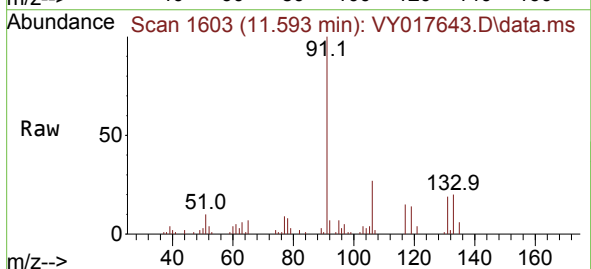
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

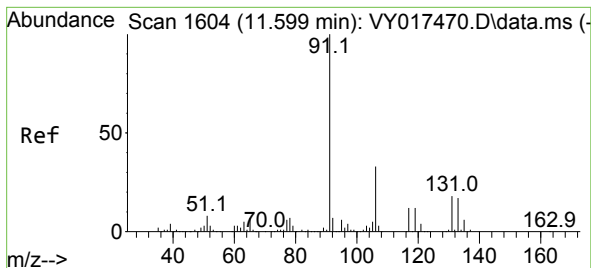
Tgt Ion:112 Resp: 10092
Ion Ratio Lower Upper
112 100
114 29.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.161 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Tgt Ion:131 Resp: 3518
Ion Ratio Lower Upper
131 100
133 94.6 47.8 143.3
119 72.8 34.1 102.2





#67

Ethyl Benzene

Concen: 2.018 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

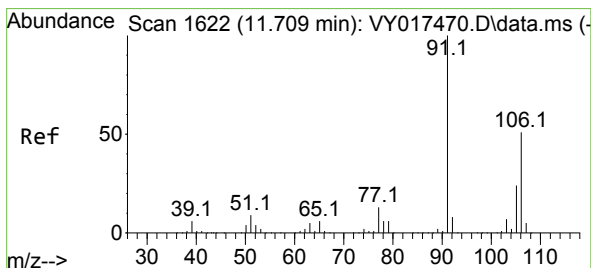
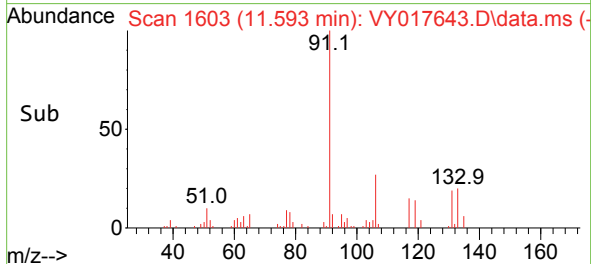
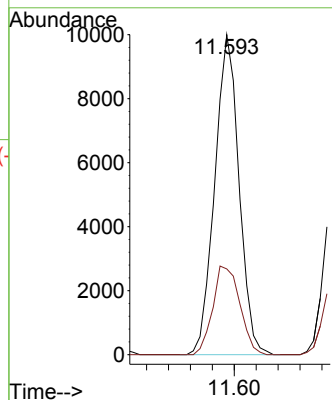
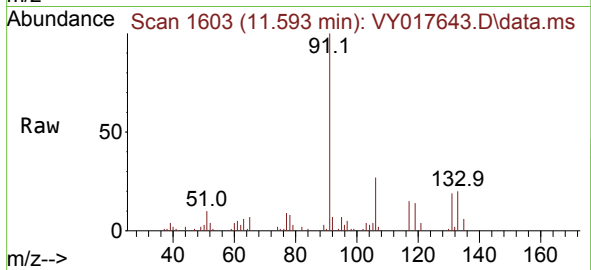
MDL05

Tgt Ion: 91 Resp: 15382

Ion Ratio Lower Upper

91 100

106 26.8 24.5 36.7



#68

m/p-Xylenes

Concen: 3.672 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY017643.D

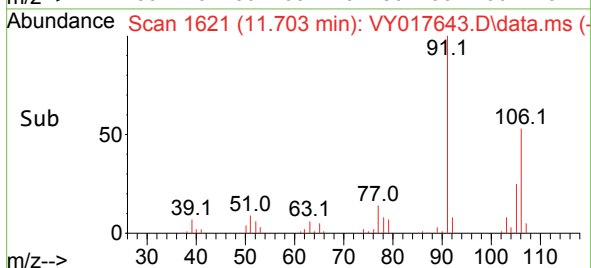
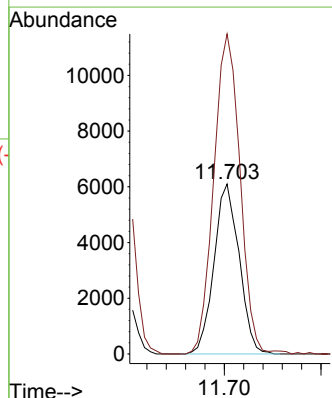
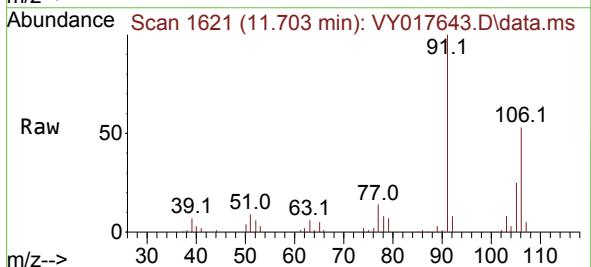
Acq: 12 Mar 2024 15:20

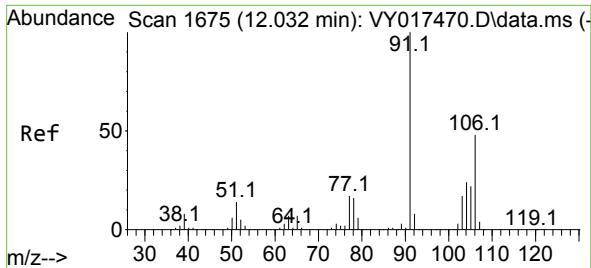
Tgt Ion:106 Resp: 10996

Ion Ratio Lower Upper

106 100

91 197.3 156.0 234.0

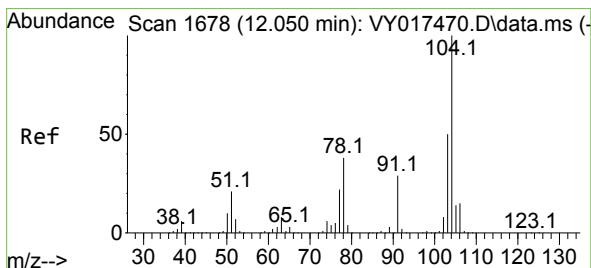
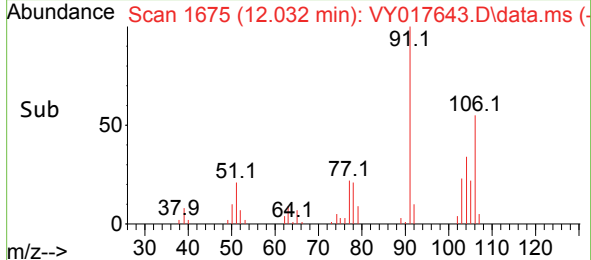
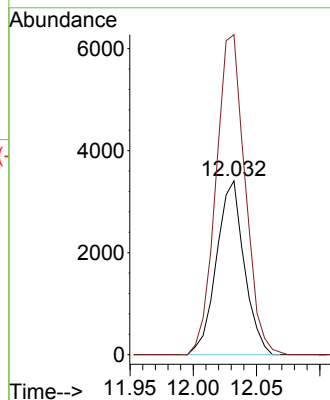
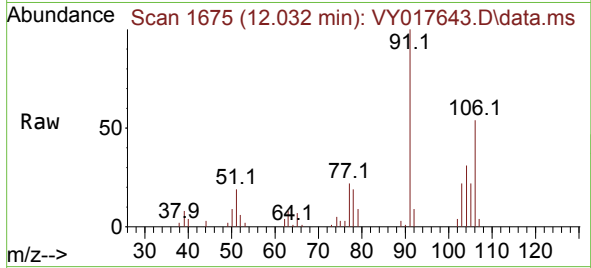




#69
o-Xylene
Concen: 1.870 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

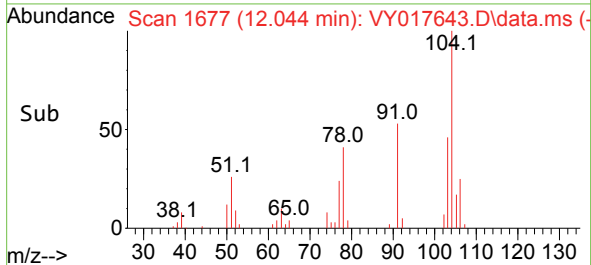
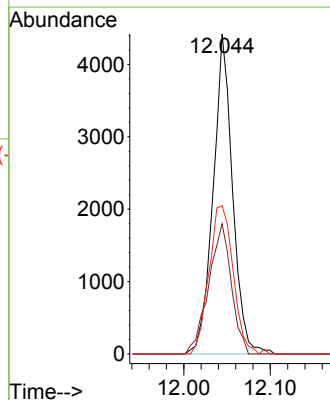
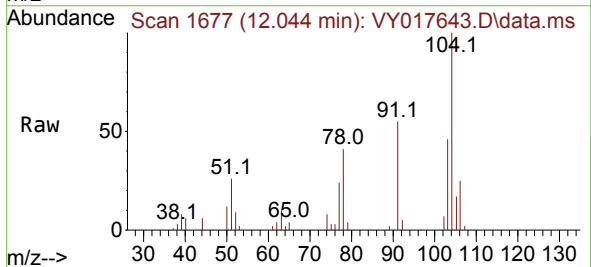
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

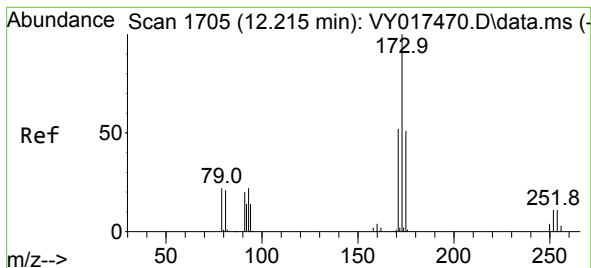
Tgt Ion:106 Resp: 5196
Ion Ratio Lower Upper
106 100
91 193.3 103.6 310.8



#70
Styrene
Concen: 1.498 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Tgt Ion:104 Resp: 6908
Ion Ratio Lower Upper
104 100
78 47.1 37.0 55.4
103 57.7 44.2 66.2





#71

Bromoform

Concen: 2.125 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

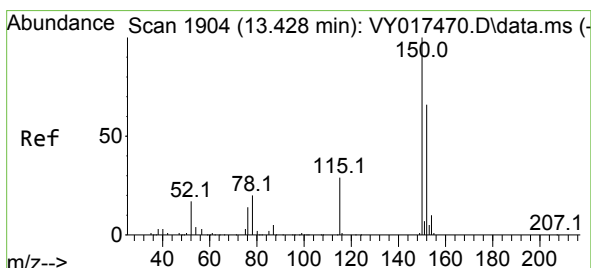
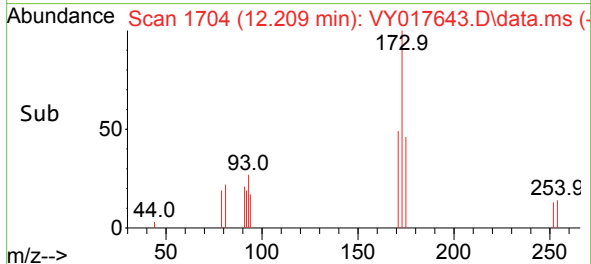
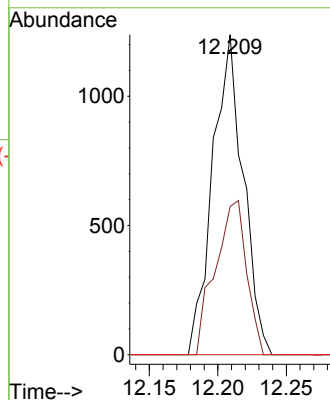
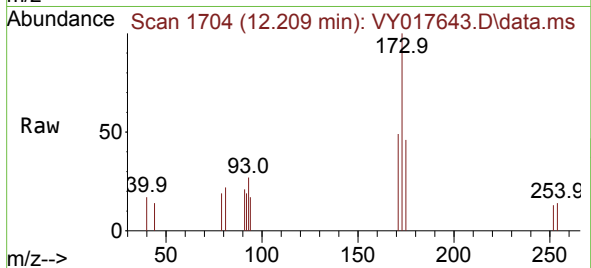
Tgt Ion:173 Resp: 1917

Ion Ratio Lower Upper

173 100

175 49.5 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: VY017643.D

Acq: 12 Mar 2024 15:20

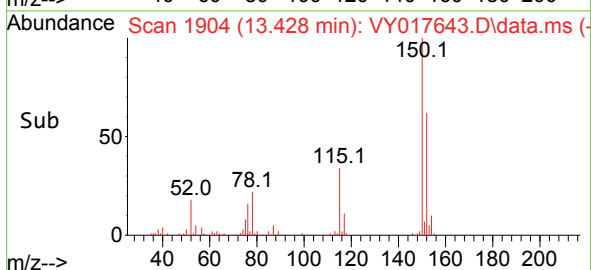
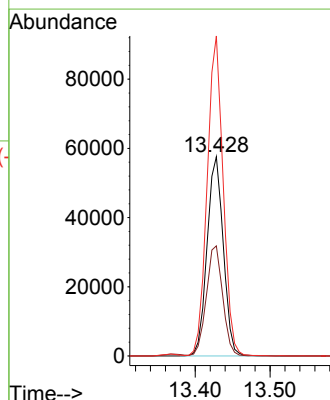
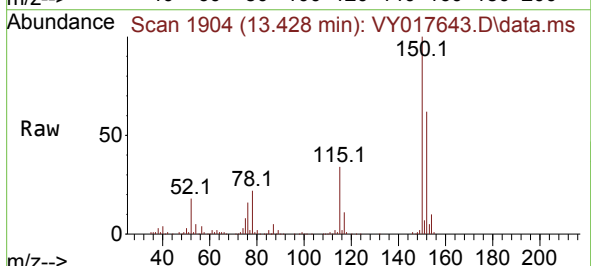
Tgt Ion:152 Resp: 86851

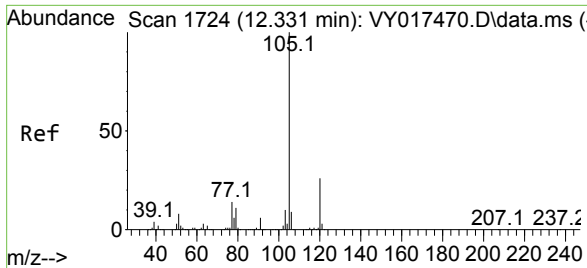
Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 157.9 0.0 345.6

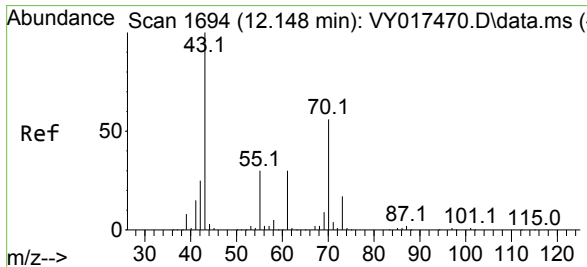
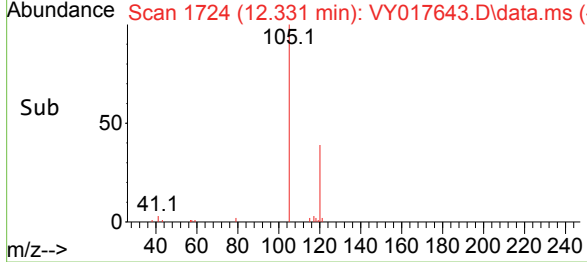
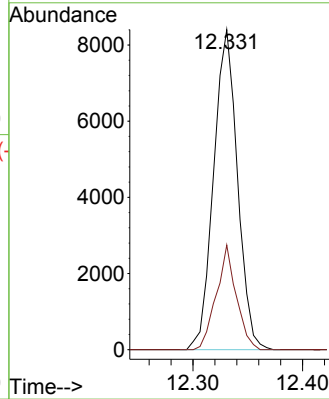
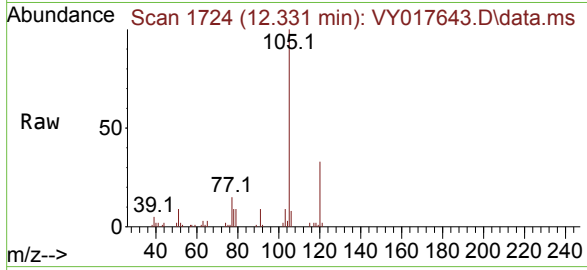




#73
Isopropylbenzene
Concen: 1.969 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

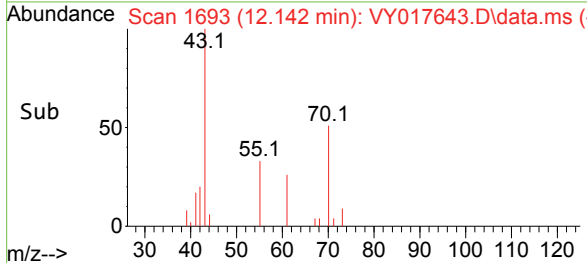
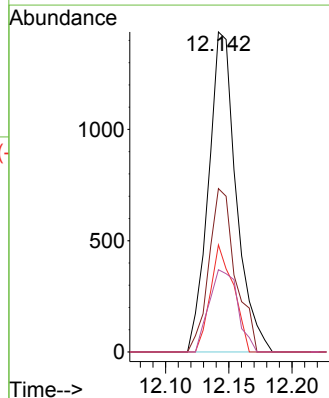
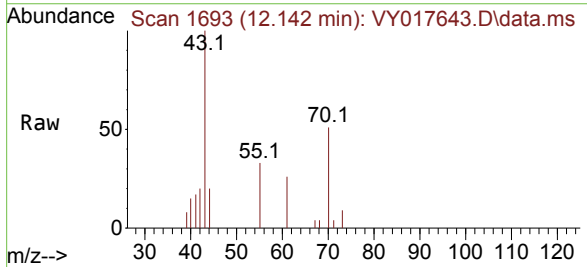
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

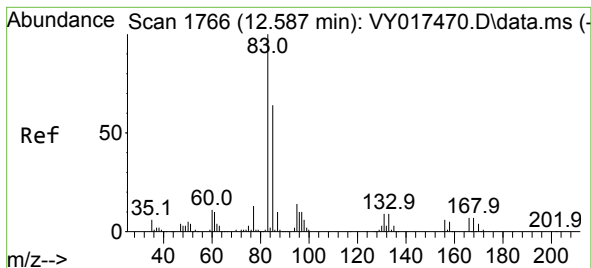
Tgt Ion:105 Resp: 12702
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.1



#74
N-ethyl acetate
Concen: 1.931 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Tgt Ion: 43 Resp: 2197
Ion Ratio Lower Upper
43 100
70 48.7 41.4 62.2
55 27.9 23.3 34.9
61 26.4 22.6 33.8

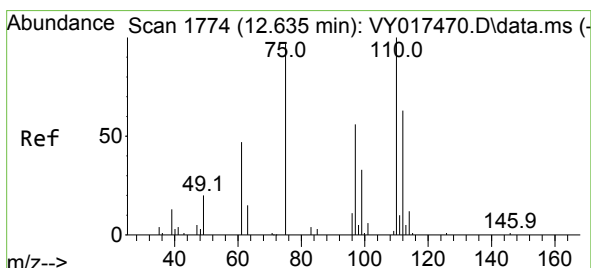
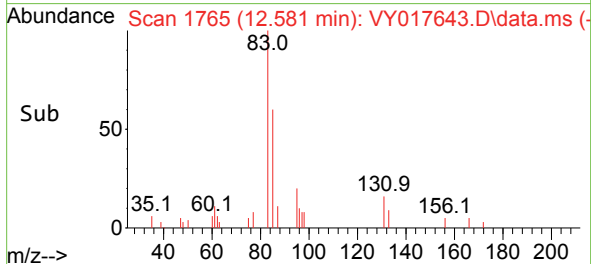
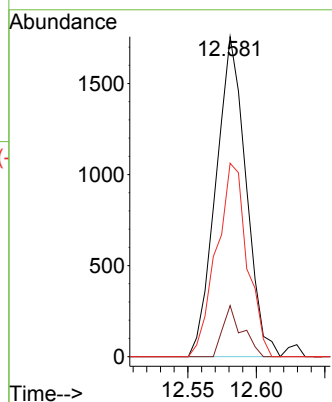
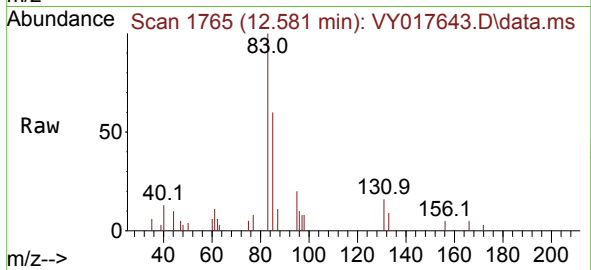




#75
1,1,2,2-Tetrachloroethane
Concen: 2.422 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

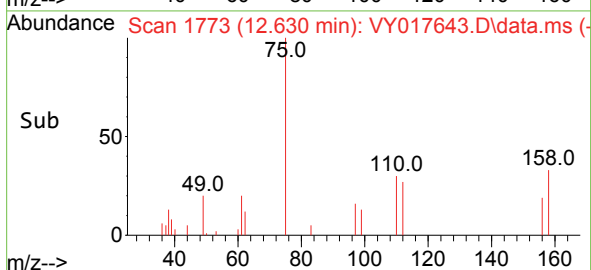
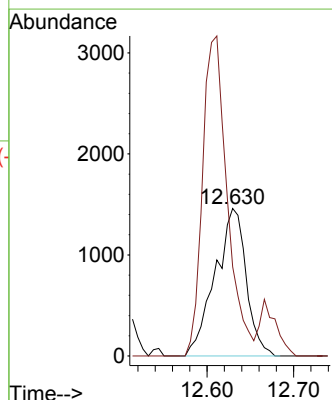
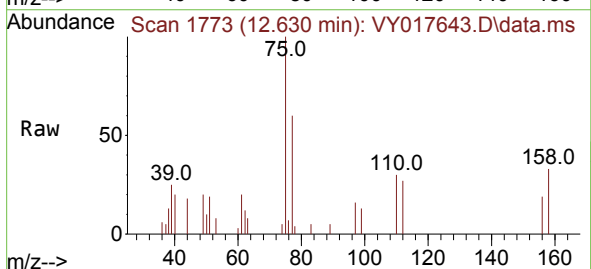
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

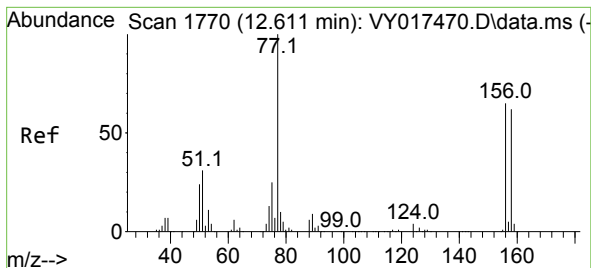
Tgt Ion: 83 Resp: 2684
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 61.8 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 4.415 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Tgt Ion: 75 Resp: 3643
Ion Ratio Lower Upper
75 100
77 172.3 0.0 0.0#





#77

Bromobenzene

Concen: 2.281 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

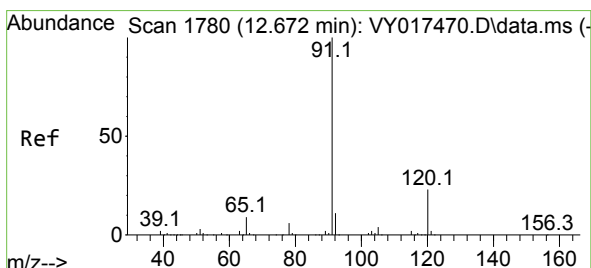
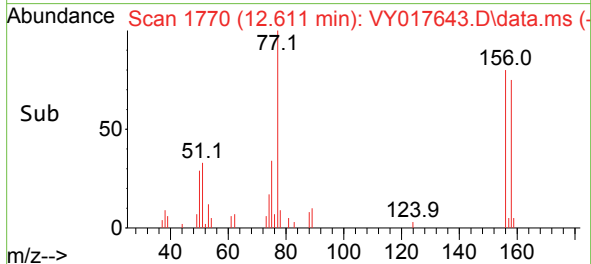
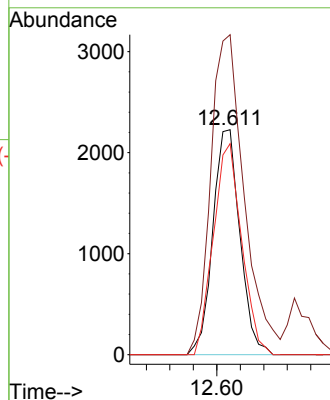
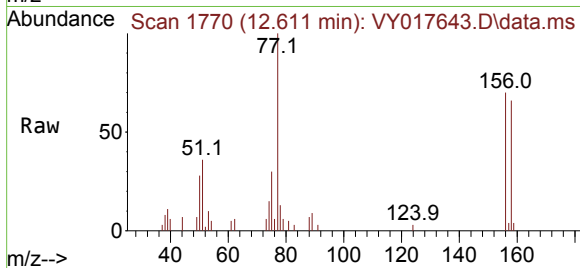
Tgt Ion:156 Resp: 3565

Ion Ratio Lower Upper

156 100

77 176.1 87.1 261.3

158 98.4 48.6 145.9



#78

n-propylbenzene

Concen: 2.273 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017643.D

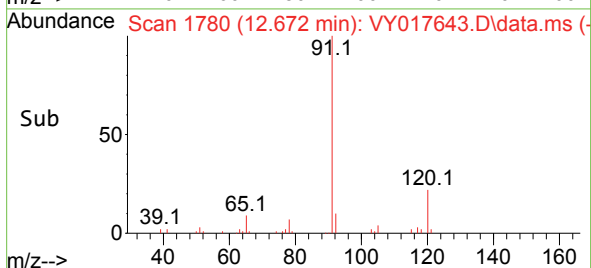
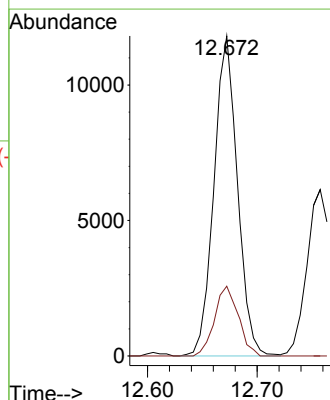
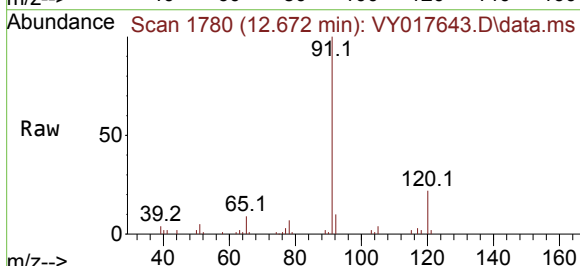
Acq: 12 Mar 2024 15:20

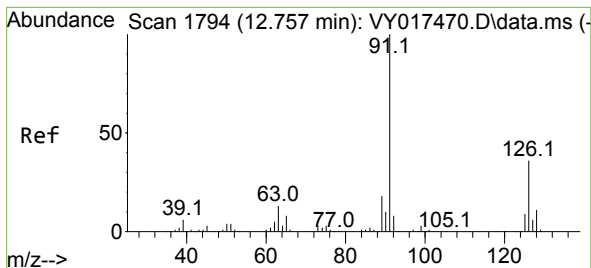
Tgt Ion: 91 Resp: 17595

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.259 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

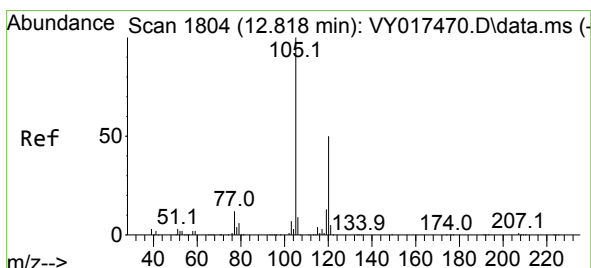
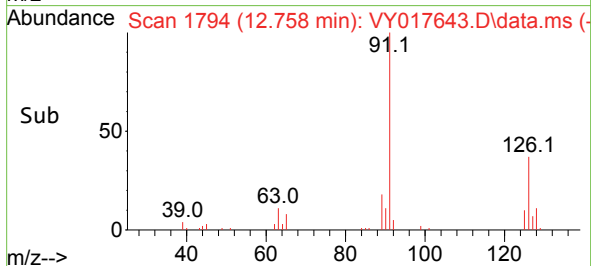
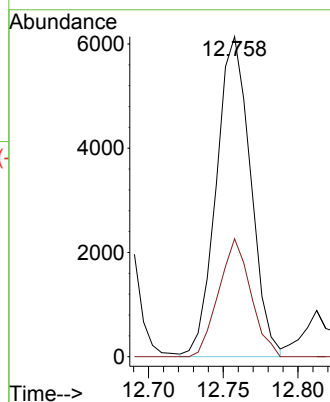
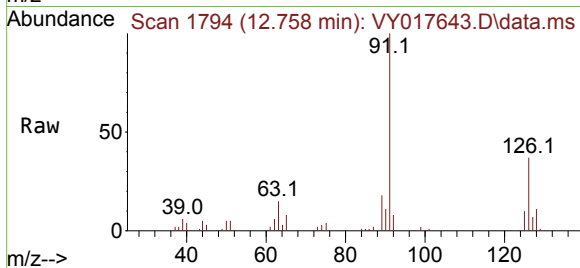
MDL05

Tgt Ion: 91 Resp: 9790

Ion Ratio Lower Upper

91 100

126 34.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 1.984 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.006 min

Lab File: VY017643.D

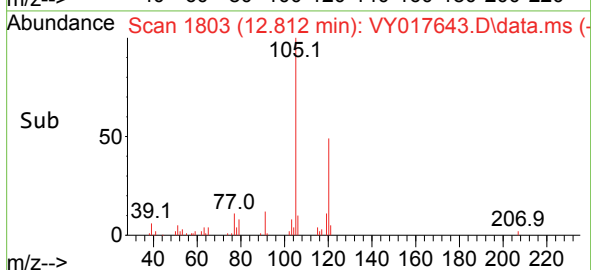
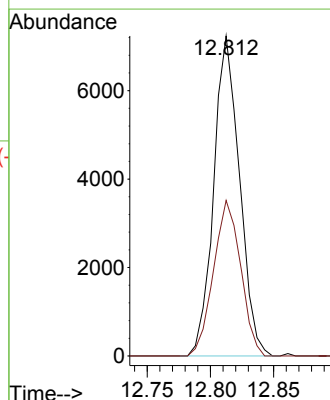
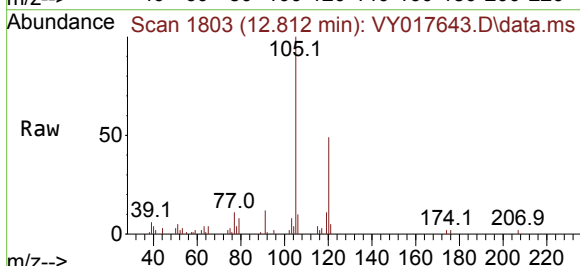
Acq: 12 Mar 2024 15:20

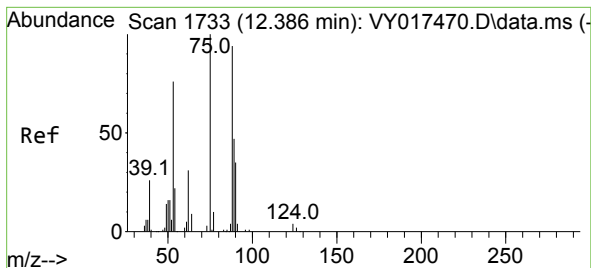
Tgt Ion:105 Resp: 10258

Ion Ratio Lower Upper

105 100

120 51.2 25.1 75.2

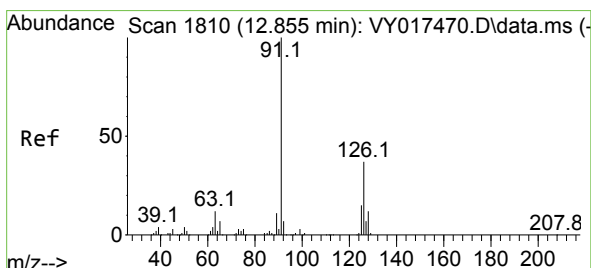
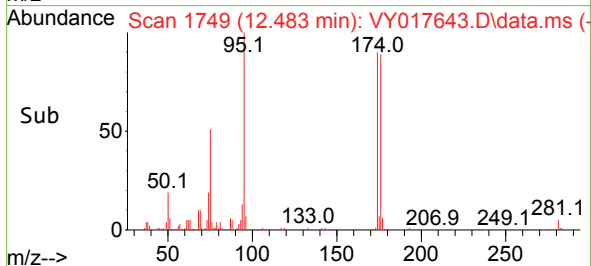
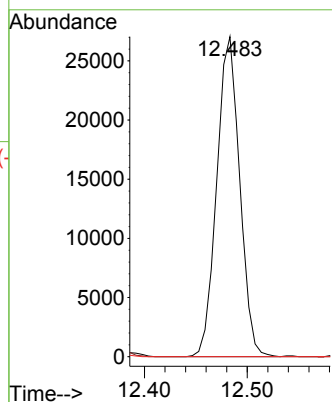
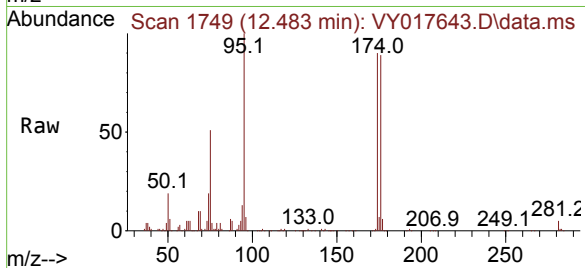




#81
trans-1,4-Dichloro-2-butene
Concen: 116.591 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

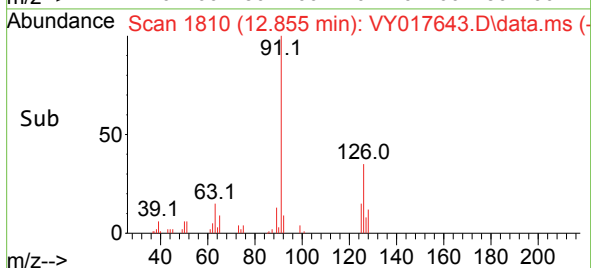
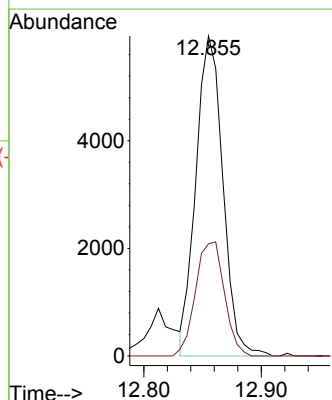
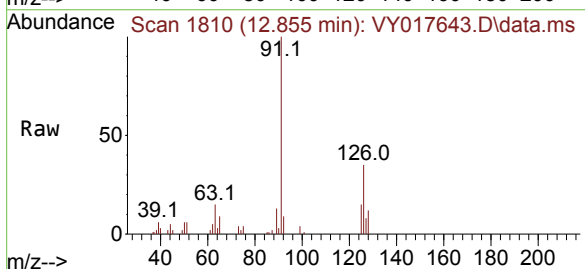
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

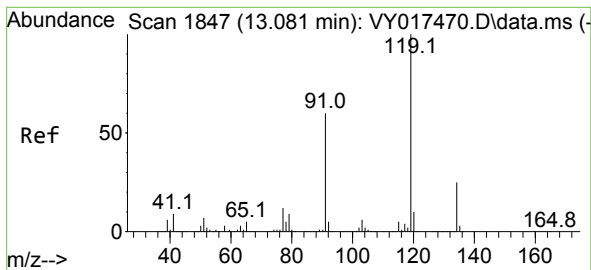
Tgt Ion: 75 Resp: 41872
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 2.140 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 15:20

Tgt Ion: 91 Resp: 9489
Ion Ratio Lower Upper
91 100
126 38.2 17.6 52.9





#83

tert-Butylbenzene

Concen: 2.033 ug/l

RT: 13.075 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

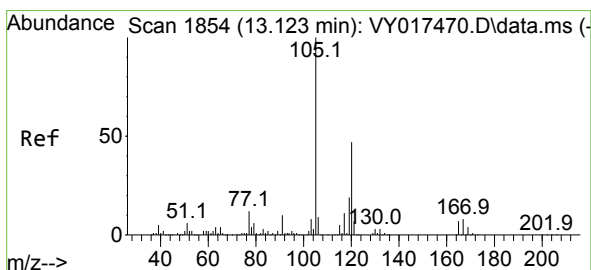
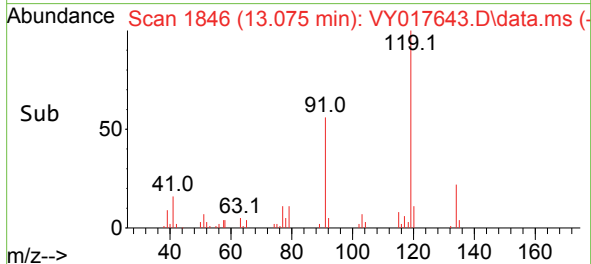
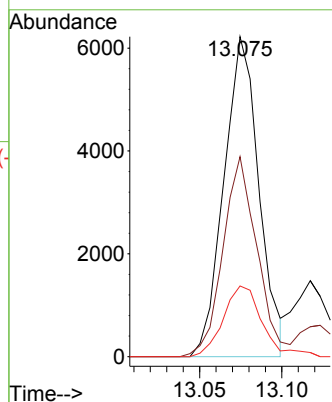
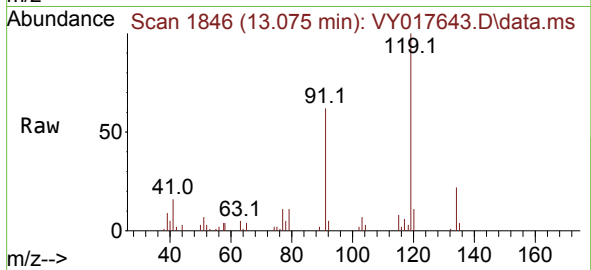
Tgt Ion:119 Resp: 9229

Ion Ratio Lower Upper

119 100

91 61.1 31.3 93.8

134 24.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 1.871 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY017643.D

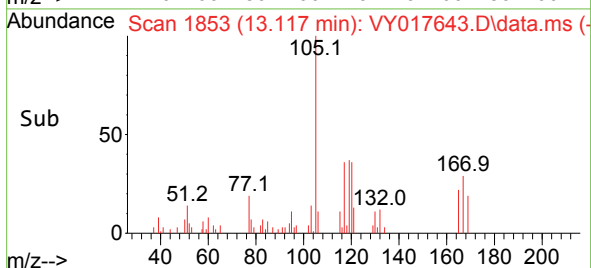
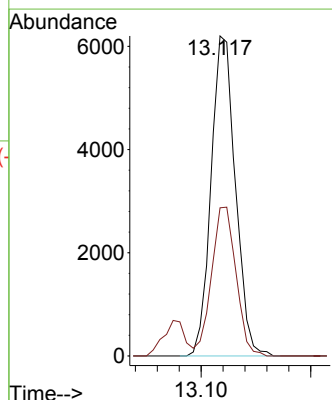
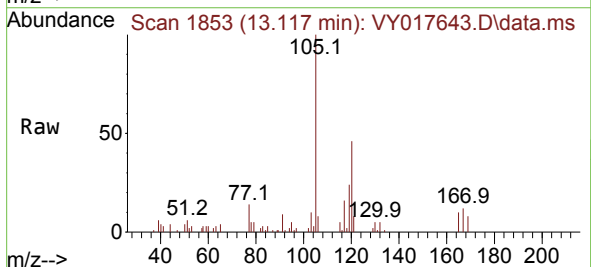
Acq: 12 Mar 2024 15:20

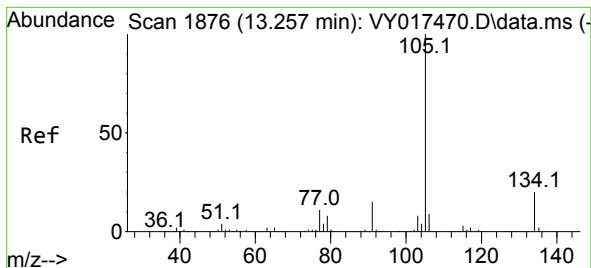
Tgt Ion:105 Resp: 9549

Ion Ratio Lower Upper

105 100

120 46.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 1.895 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

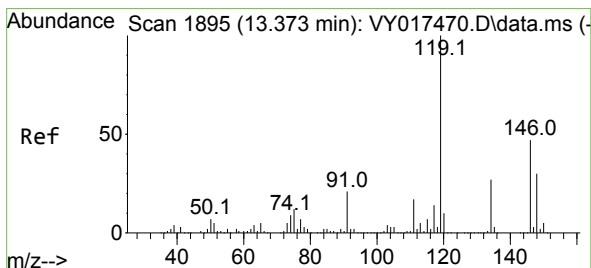
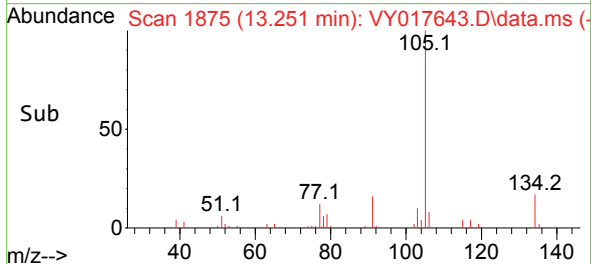
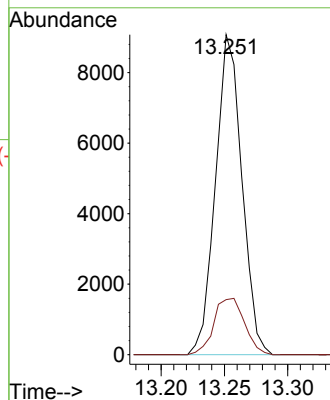
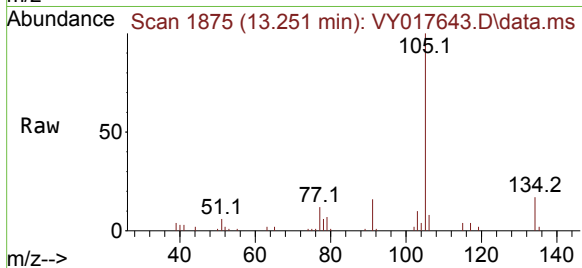
MDL05

Tgt Ion:105 Resp: 13151

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 1.800 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

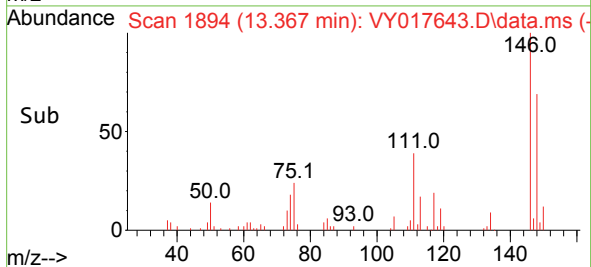
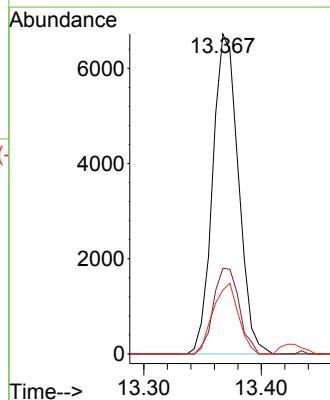
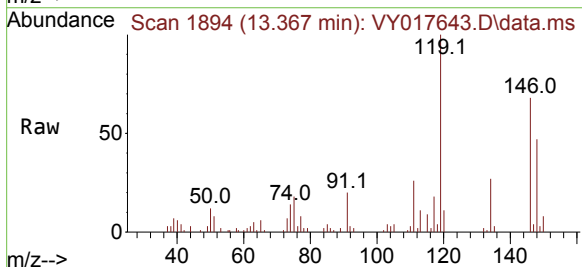
Tgt Ion:119 Resp: 10225

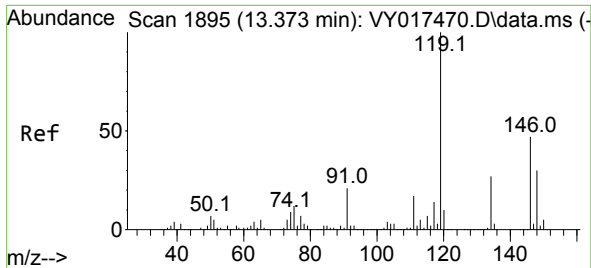
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 21.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 2.195 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

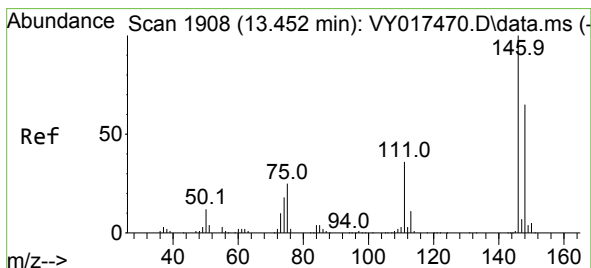
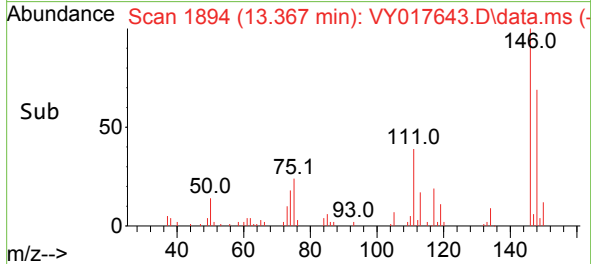
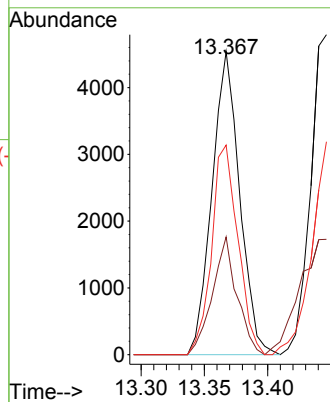
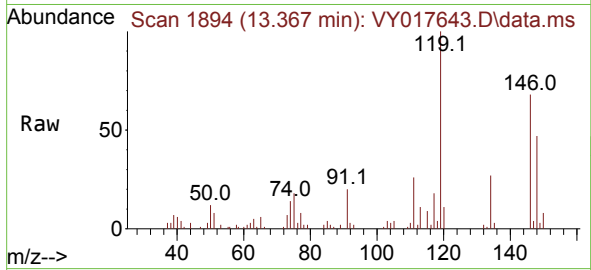
Tgt Ion:146 Resp: 6885

Ion Ratio Lower Upper

146 100

111 34.5 19.0 57.0

148 65.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 2.520 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

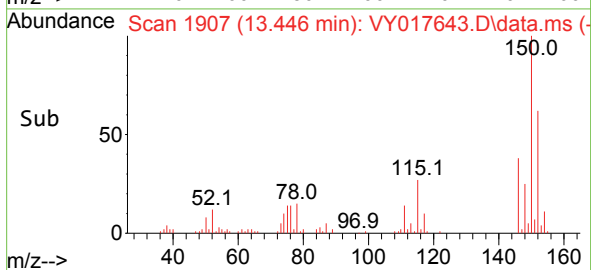
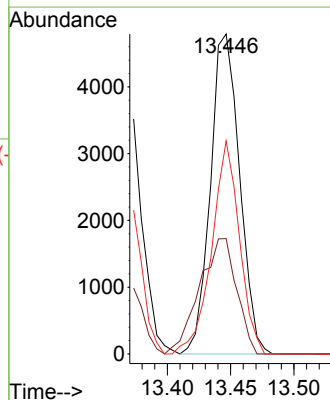
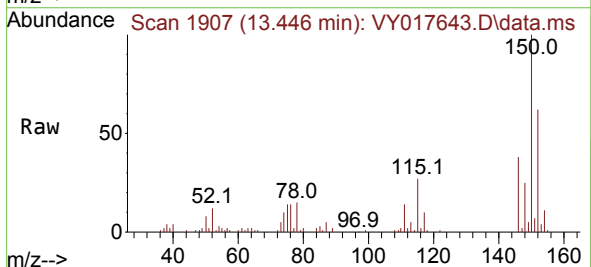
Tgt Ion:146 Resp: 7684

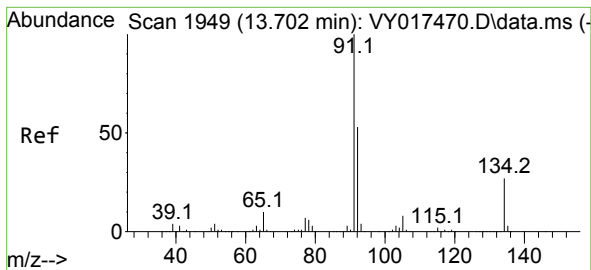
Ion Ratio Lower Upper

146 100

111 45.9 18.4 55.4

148 63.3 32.4 97.2





#89

n-Butylbenzene

Concen: 1.949 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

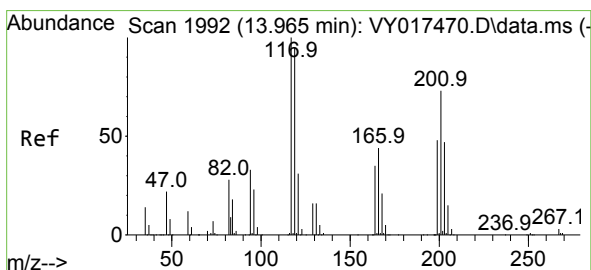
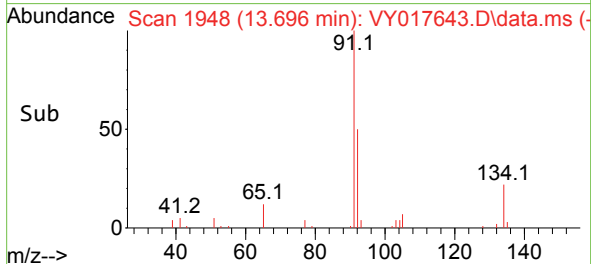
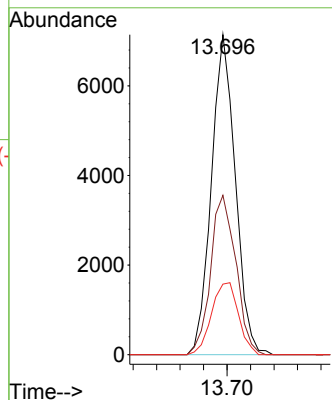
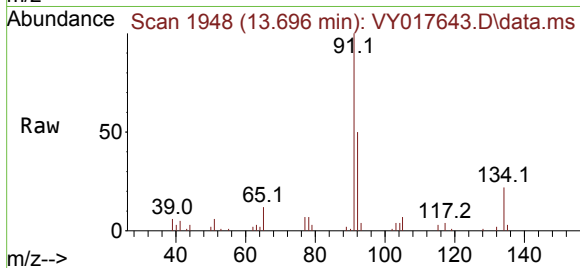
Instrument :

MSVOA_Y

ClientSampleId :

MDL05

Tgt Ion: 91	Resp: 10102
Ion Ratio	Lower Upper
91	100
92	52.5 26.6 79.7
134	25.3 12.9 38.7



#90

Hexachloroethane

Concen: 2.474 ug/l

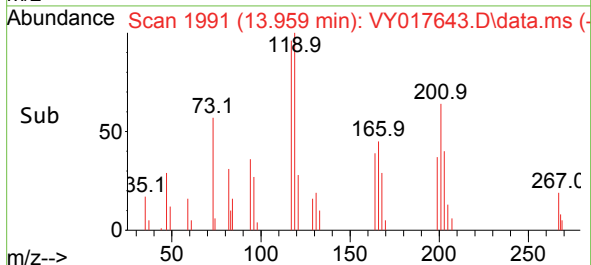
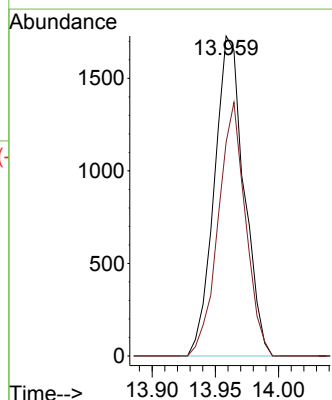
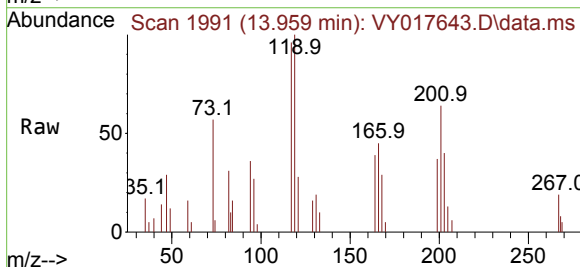
RT: 13.959 min Scan# 1991

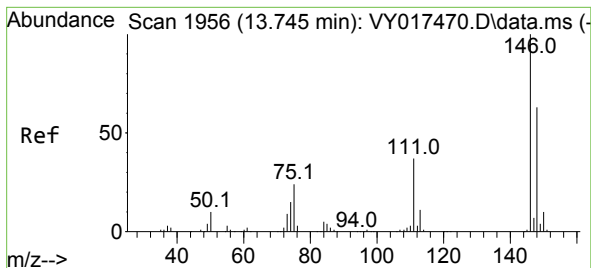
Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Tgt Ion: 117	Resp: 2818
Ion Ratio	Lower Upper
117	100
201	73.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 2.184 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

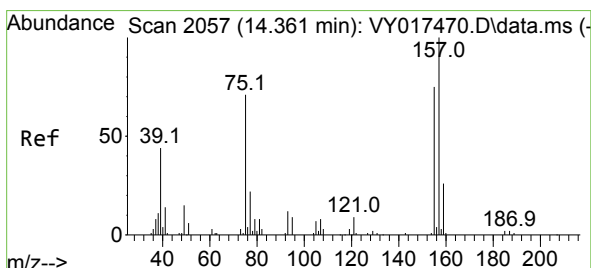
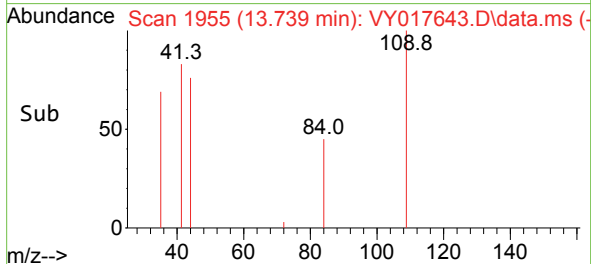
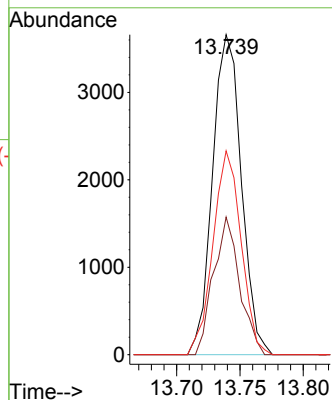
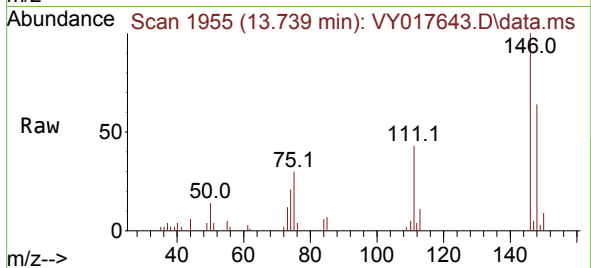
Tgt Ion:146 Resp: 5793

Ion Ratio Lower Upper

146 100

111 39.1 19.9 59.7

148 62.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.151 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

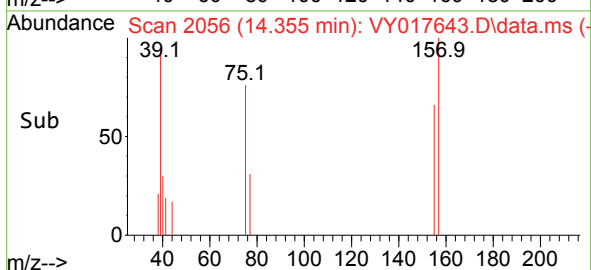
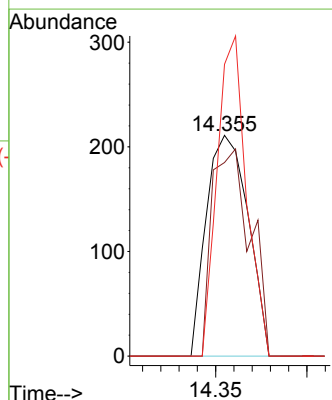
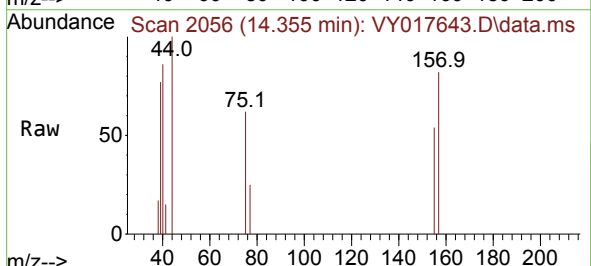
Tgt Ion: 75 Resp: 335

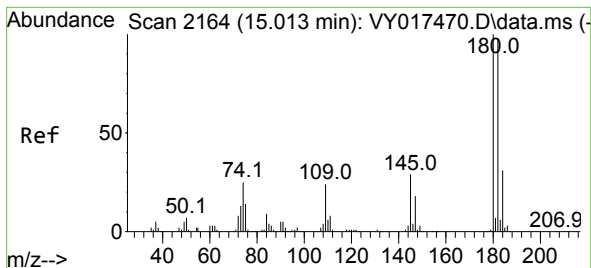
Ion Ratio Lower Upper

75 100

155 86.3 48.6 145.8

157 101.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 2.066 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

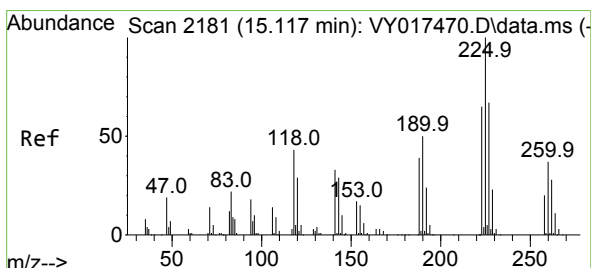
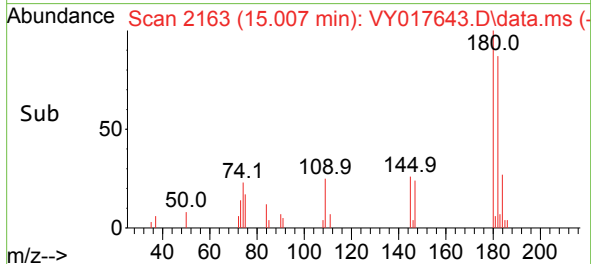
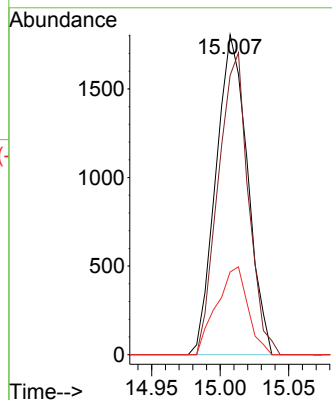
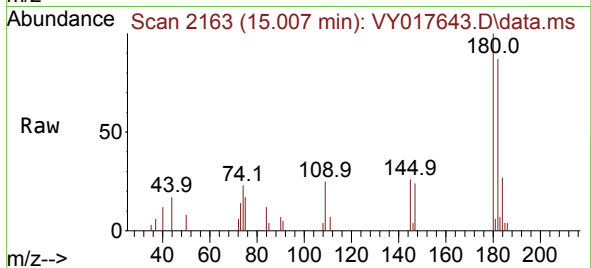
Tgt Ion:180 Resp: 2895

Ion Ratio Lower Upper

180 100

182 89.8 47.9 143.8

145 27.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 2.231 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

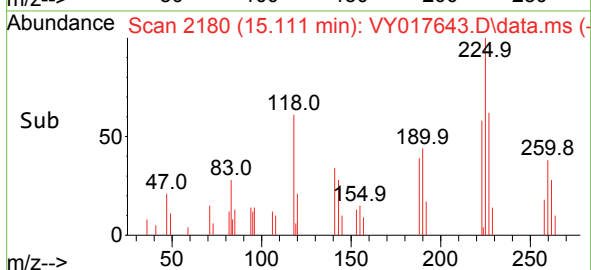
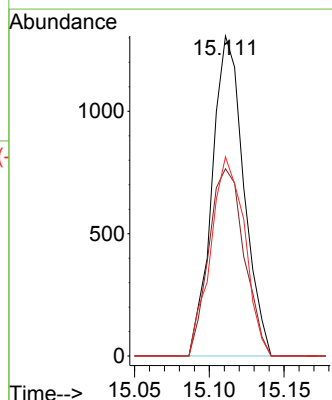
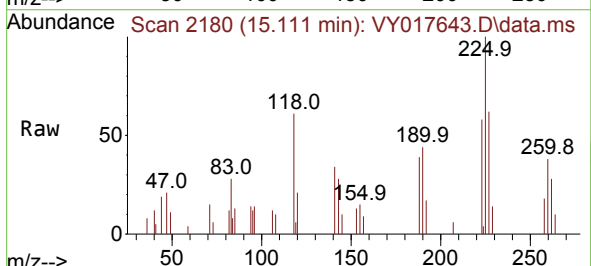
Tgt Ion:225 Resp: 1930

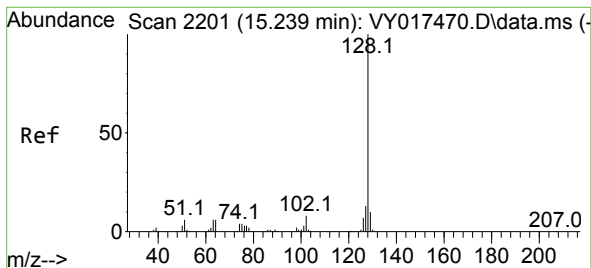
Ion Ratio Lower Upper

225 100

223 65.1 30.4 91.2

227 66.5 31.9 95.9





#95

Naphthalene

Concen: 1.579 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

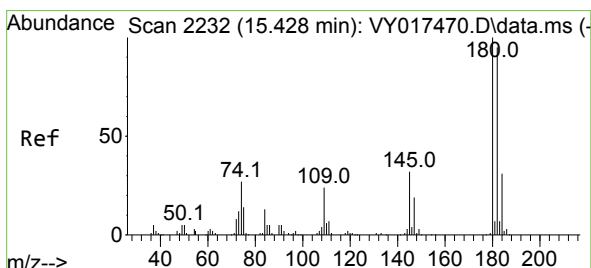
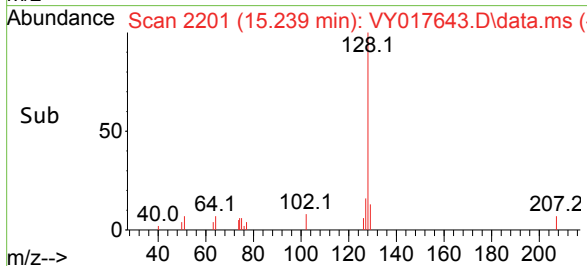
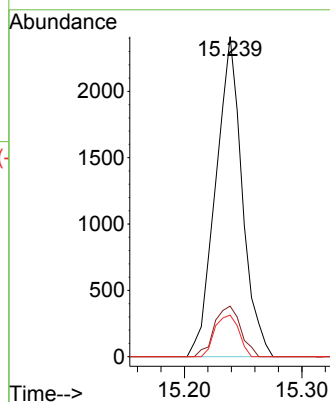
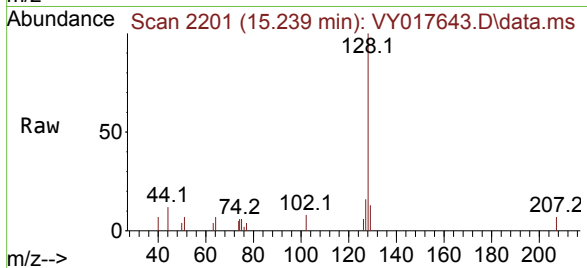
Tgt Ion:128 Resp: 3784

Ion Ratio Lower Upper

128 100

127 15.8 10.6 16.0

129 11.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.909 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 15:20

Tgt Ion:180 Resp: 2295

Ion Ratio Lower Upper

180 100

182 96.3 47.6 142.9

145 29.6 15.4 46.1

