

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031224\
 Data File : VY017643.D
 Acq On : 12 Mar 2024 16:20
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL05

Quant Time: Mar 13 09:08:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	141221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	240433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	207716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87407	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67966	50.782	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.560%
35) Dibromofluoromethane	7.722	113	76404	45.603	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.200%
50) Toluene-d8	10.179	98	273902	46.758	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.520%
62) 4-Bromofluorobenzene	12.483	95	79443	43.153	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.300%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	2393	2.297	ug/l	96
3) Chloromethane	2.113	50	4843	2.544	ug/l	97
4) Vinyl Chloride	2.247	62	5978	2.448	ug/l	89
5) Bromomethane	2.650	94	5874	2.952	ug/l	99
6) Chloroethane	2.796	64	4169	2.706	ug/l	94
7) Trichlorofluoromethane	3.125	101	5528	2.221	ug/l	93
8) Diethyl Ether	3.528	74	1710	2.343	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.893	101	3588	2.506	ug/l	96
10) Methyl Iodide	4.082	142	2985	1.858	ug/l	99
11) Tert butyl alcohol	4.948	59	2065	18.164	ug/l #	88
12) 1,1-Dichloroethene	3.863	96	3141	2.354	ug/l	95
13) Acrolein	3.723	56	1285	8.566	ug/l	91
14) Allyl chloride	4.479	41	3439	2.133	ug/l	99
15) Acrylonitrile	5.155	53	3374	11.244	ug/l	99
16) Acetone	3.942	43	4106	15.817	ug/l #	81
17) Carbon Disulfide	4.192	76	7911	1.976	ug/l	99
18) Methyl Acetate	4.472	43	2453	3.895	ug/l #	71
19) Methyl tert-butyl Ether	5.222	73	6726	2.163	ug/l	99
20) Methylene Chloride	4.710	84	12119	2.772	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	3235	2.071	ug/l	91
22) Diisopropyl ether	6.119	45	7525	2.023	ug/l	91
23) Vinyl Acetate	6.064	43	18061	8.148	ug/l	95
24) 1,1-Dichloroethane	6.021	63	6155	2.422	ug/l	100
25) 2-Butanone	6.984	43	4449	12.026	ug/l	99
26) 2,2-Dichloropropane	6.978	77	5201	2.434	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	3787	2.159	ug/l	92
28) Bromochloromethane	7.332	49	2161	2.159	ug/l #	90
29) Tetrahydrofuran	7.350	42	2216	9.937	ug/l	97
30) Chloroform	7.509	83	6711	2.480	ug/l	96
31) Cyclohexane	7.795	56	6678	3.066	ug/l #	59
32) 1,1,1-Trichloroethane	7.697	97	5361	2.282	ug/l	97
36) 1,1-Dichloropropene	7.917	75	4484	1.984	ug/l	100
37) Ethyl Acetate	7.082	43	1969	2.205	ug/l #	91
38) Carbon Tetrachloride	7.899	117	4693	2.071	ug/l	96
39) Methylcyclohexane	9.185	83	5303	1.952	ug/l	92
40) Benzene	8.161	78	14665	2.185	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	723	1.614	ug/l #	87
42) 1,2-Dichloroethane	8.240	62	3509	2.142	ug/l	97
43) Isopropyl Acetate	8.271	43	3130	1.995	ug/l #	82
44) Trichloroethene	8.941	130	4160	2.150	ug/l	93
45) 1,2-Dichloropropane	9.222	63	3570	2.235	ug/l	99
46) Dibromomethane	9.307	93	1977	2.163	ug/l	97
47) Bromodichloromethane	9.496	83	4858	2.189	ug/l	97
48) Methyl methacrylate	9.301	41	1727	2.378	ug/l	95
49) 1,4-Dioxane	9.301	88	414	40.022	ug/l #	65
51) 4-Methyl-2-Pentanone	10.069	43	7478	8.552	ug/l	96
52) Toluene	10.246	92	8611	2.035	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	3967	1.926	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	4964	1.983	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	2766	2.131	ug/l	92
56) Ethyl methacrylate	10.514	69	1724	3.562	ug/l #	87
57) 1,3-Dichloropropane	10.795	76	4521	2.143	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	5149	6.876	ug/l	98
59) 2-Hexanone	10.837	43	5358	8.921	ug/l	98
60) Dibromochloromethane	10.983	129	3113	2.028	ug/l	96
61) 1,2-Dibromoethane	11.093	107	2296	1.920	ug/l	100
64) Tetrachloroethene	10.721	164	4313	2.163	ug/l	94
65) Chlorobenzene	11.520	112	9355	2.122	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.587	131	3293	1.994	ug/l	89
67) Ethyl Benzene	11.593	91	14824	1.917	ug/l	99
68) m/p-Xylenes	11.709	106	10609	3.492	ug/l	99
69) o-Xylene	12.032	106	4756	1.687	ug/l	99
70) Styrene	12.044	104	6645	1.420	ug/l	97
71) Bromoform	12.209	173	1763	1.926	ug/l #	96
73) Isopropylbenzene	12.331	105	12337	1.900	ug/l	99
74) N-amyl acetate	12.148	43	2011	1.756	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	2785	2.497	ug/l	95
76) 1,2,3-Trichloropropane	12.636	75	3390	4.082	ug/l #	100
77) Bromobenzene	12.611	156	3401	2.163	ug/l	95
78) n-propylbenzene	12.672	91	16454	2.112	ug/l	98
79) 2-Chlorotoluene	12.758	91	9240	2.118	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	9895	1.902	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.483	75	40178	111.162	ug/l #	16
82) 4-Chlorotoluene	12.855	91	9496	2.128	ug/l	97
83) tert-Butylbenzene	13.075	119	9022	1.975	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	9484	1.846	ug/l	99
85) sec-Butylbenzene	13.257	105	12906	1.848	ug/l	100
86) p-Isopropyltoluene	13.373	119	9857	1.724	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	6669	2.113	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	7036	2.293	ug/l	91
89) n-Butylbenzene	13.703	91	10226	1.960	ug/l	93
90) Hexachloroethane	13.965	117	2700	2.355	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	5538	2.074	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	345	2.201	ug/l	76
93) 1,2,4-Trichlorobenzene	15.013	180	2528	1.793	ug/l	100
94) Hexachlorobutadiene	15.117	225	1791	2.057	ug/l	98
95) Naphthalene	15.239	128	3305	5.029	ug/l	97
96) 1,2,3-Trichlorobenzene	15.428	180	2150	1.777	ug/l	98

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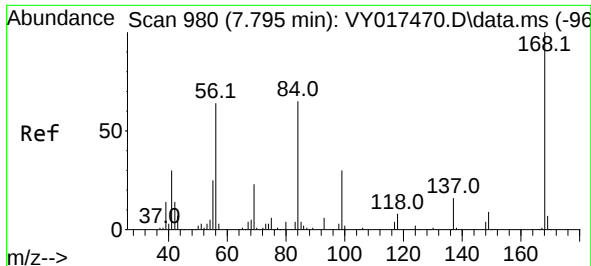
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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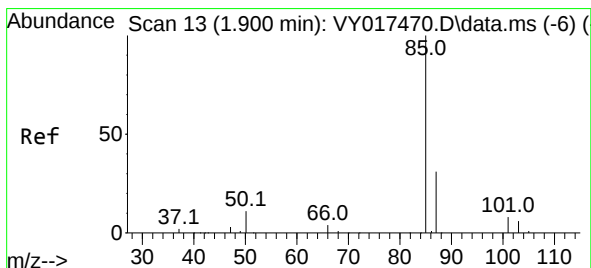
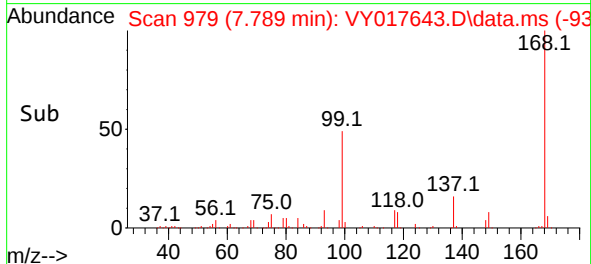
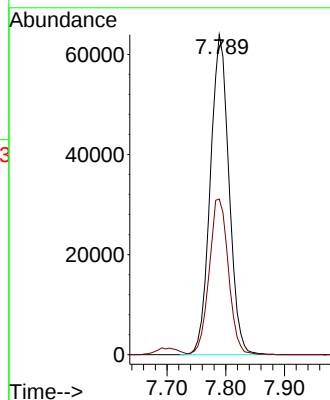
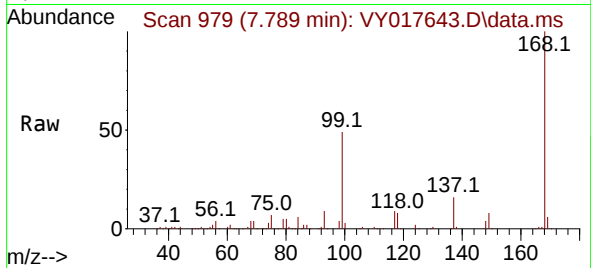




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017643.D
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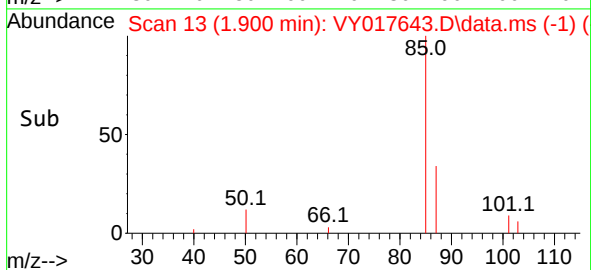
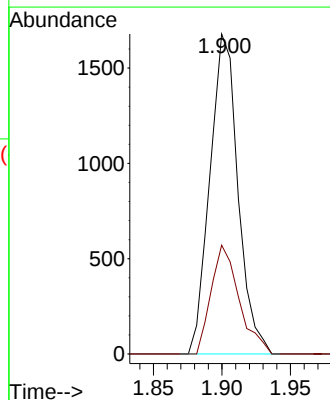
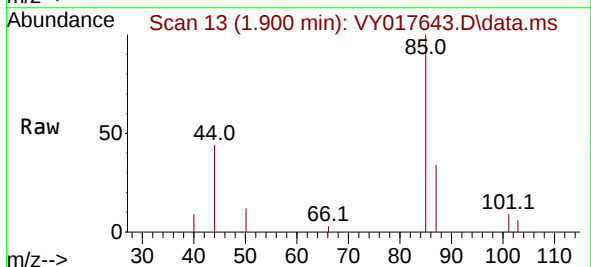
Instrument :
MSVOA_Y
ClientSampleId :
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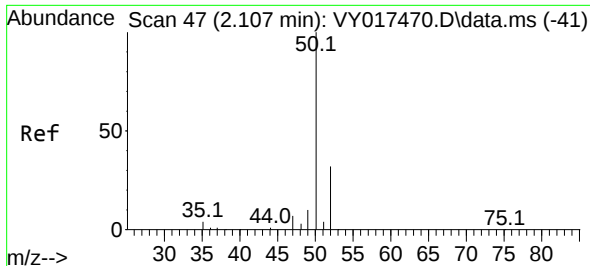
Tgt Ion:168 Resp: 141221
Ion Ratio Lower Upper
168 100
99 48.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 2.297 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Tgt Ion: 85 Resp: 2393
Ion Ratio Lower Upper
85 100
87 34.0 16.0 48.0

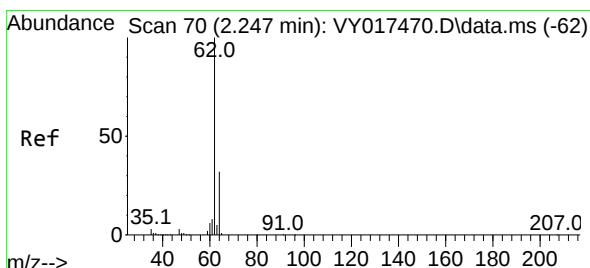
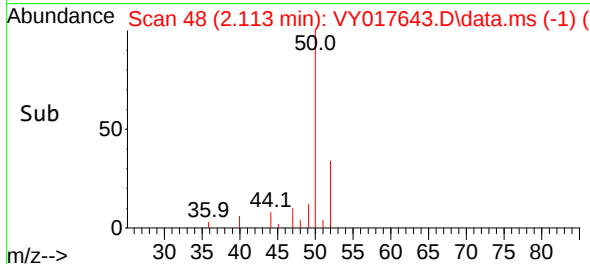
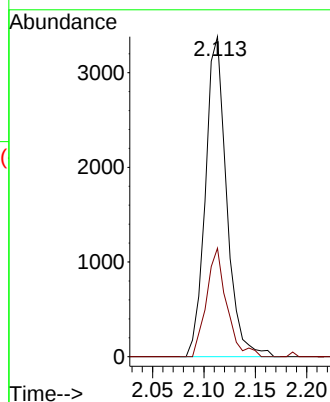
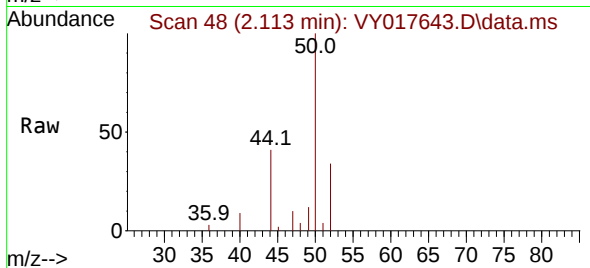




#3
Chloromethane
Concen: 2.544 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

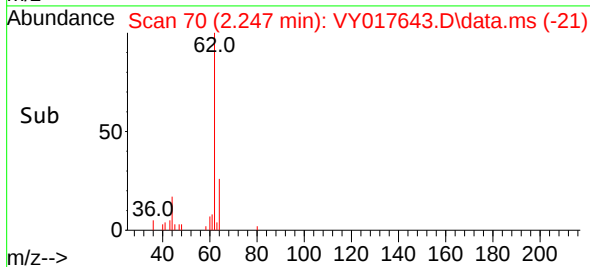
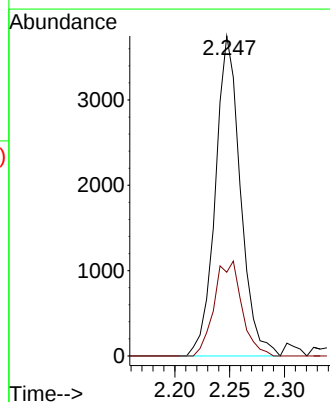
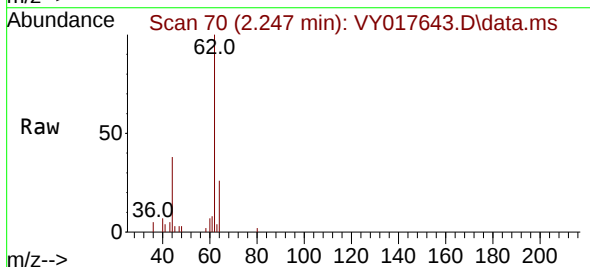
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

Tgt Ion: 50 Resp: 4843
Ion Ratio Lower Upper
50 100
52 33.9 25.6 38.4



#4
Vinyl Chloride
Concen: 2.448 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Tgt Ion: 62 Resp: 5978
Ion Ratio Lower Upper
62 100
64 26.2 26.1 39.1

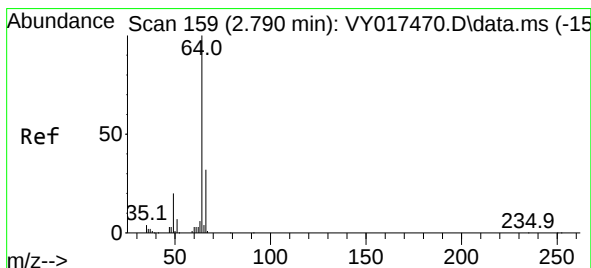
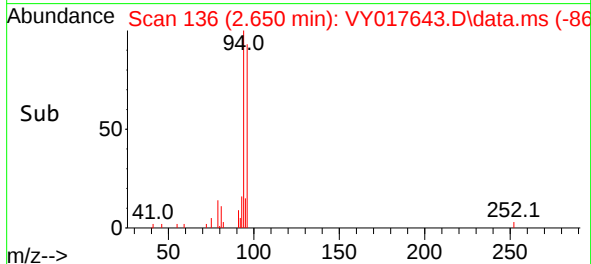
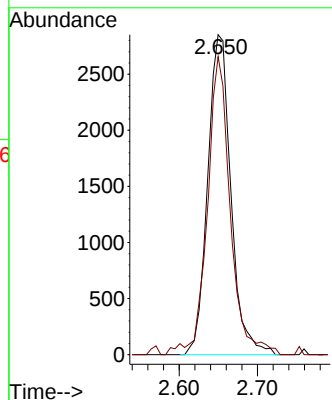
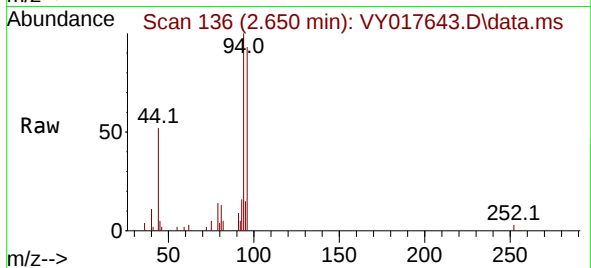




#5
Bromomethane
Concen: 2.952 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

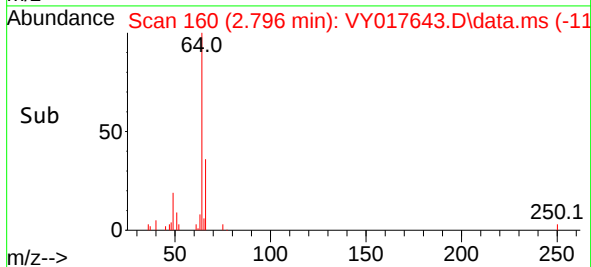
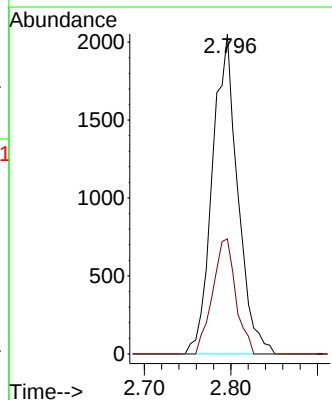
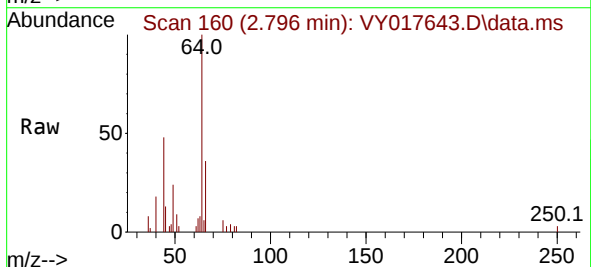
Instrument :
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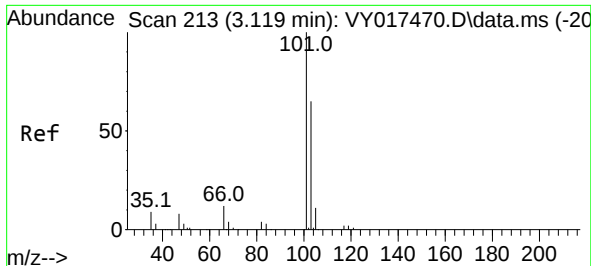
Tgt Ion: 94 Resp: 5874
Ion Ratio Lower Upper
94 100
96 93.1 74.1 111.1



#6
Chloroethane
Concen: 2.706 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Tgt Ion: 64 Resp: 4169
Ion Ratio Lower Upper
64 100
66 35.9 26.1 39.1

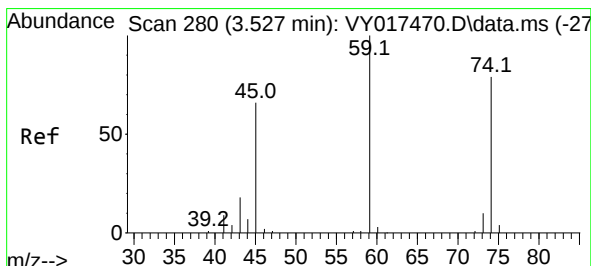
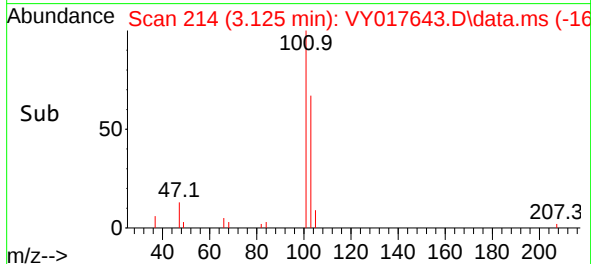
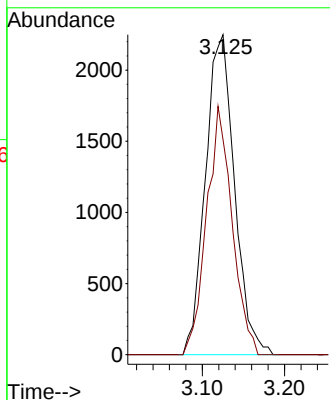
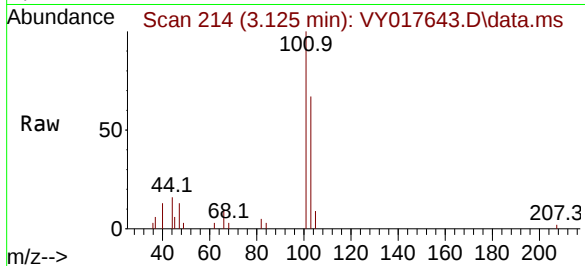




#7
Trichlorofluoromethane
Concen: 2.221 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

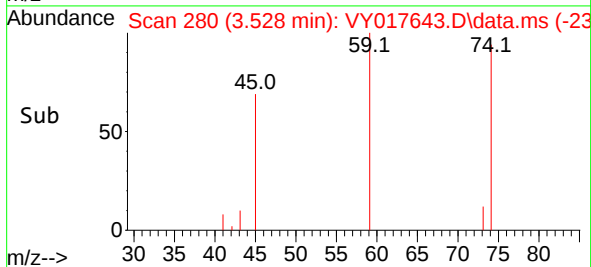
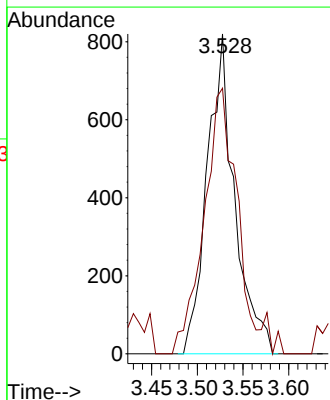
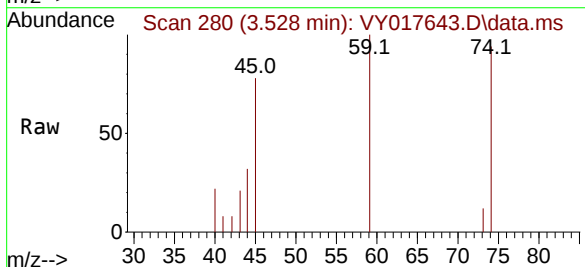
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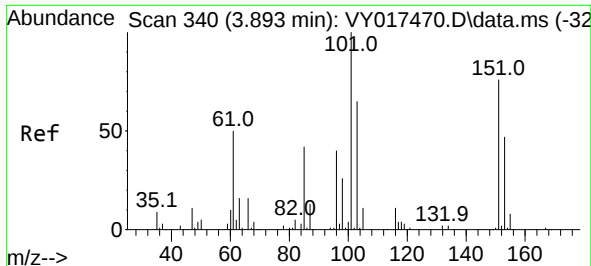
Tgt Ion:101 Resp: 5528
Ion Ratio Lower Upper
101 100
103 67.3 49.3 73.9



#8
Diethyl Ether
Concen: 2.343 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Tgt Ion: 74 Resp: 1710
Ion Ratio Lower Upper
74 100
45 102.8 41.3 124.1

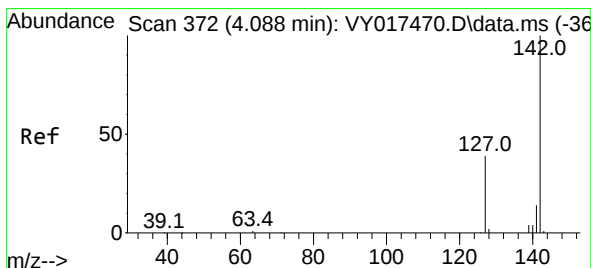
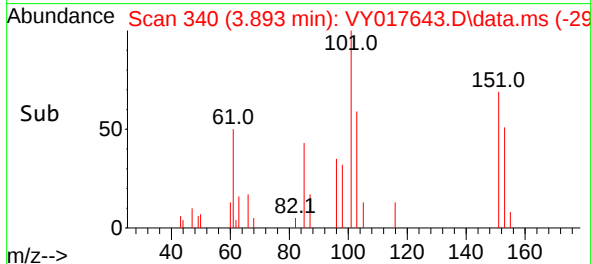
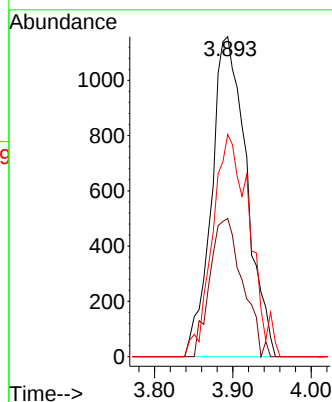
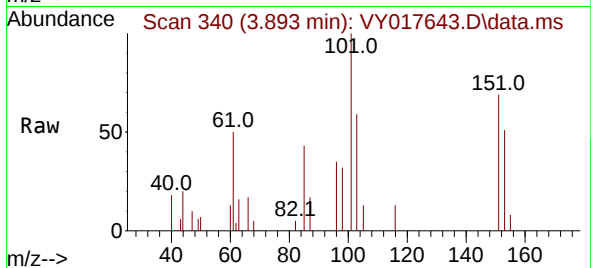




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.506 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY017643.D
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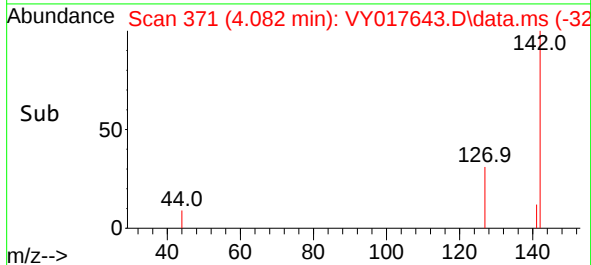
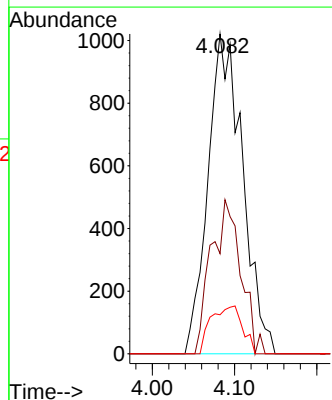
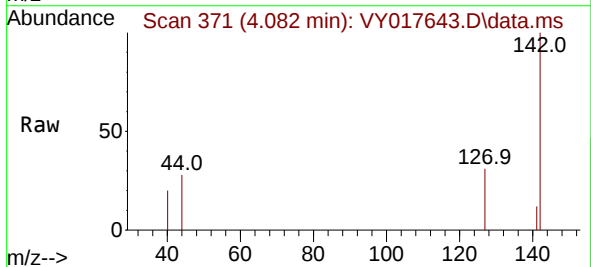
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ClientSampleId :
MDL05

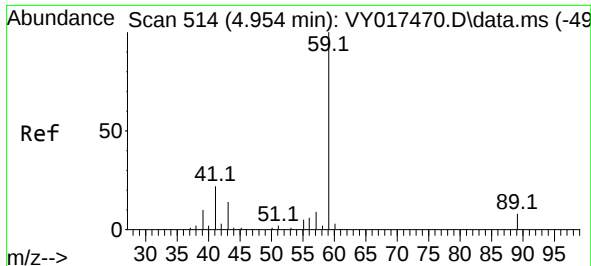
Tgt Ion:101 Resp: 3588
Ion Ratio Lower Upper
101 100
85 40.5 34.5 51.7
151 73.7 61.7 92.5



#10
Methyl Iodide
Concen: 1.858 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Tgt Ion:142 Resp: 2985
Ion Ratio Lower Upper
142 100
127 41.5 32.8 49.2
141 13.6 11.4 17.2

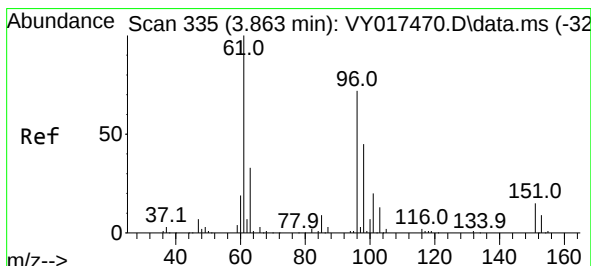
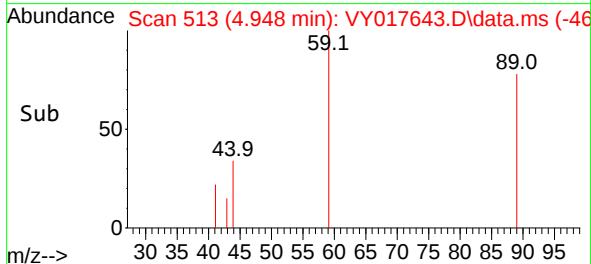
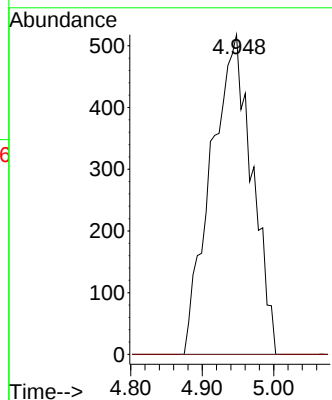
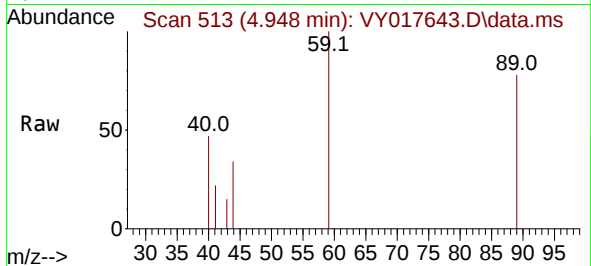




#11
Tert butyl alcohol
Concen: 18.164 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

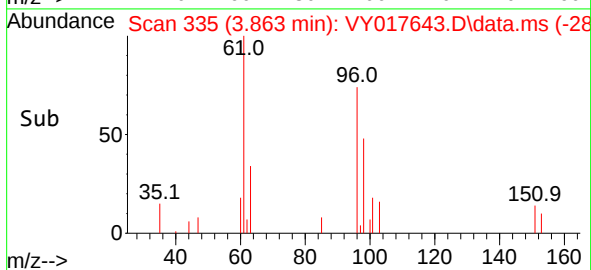
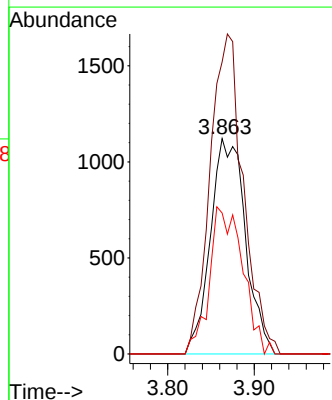
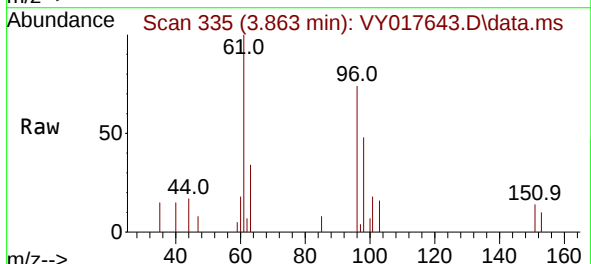
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

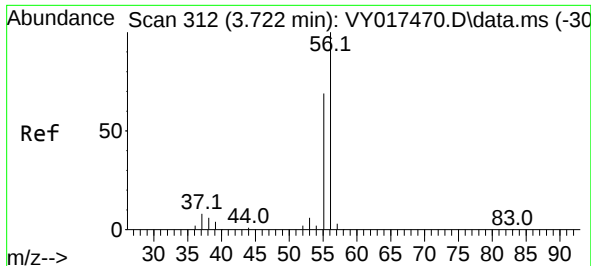
Tgt Ion: 59 Resp: 2065
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 2.354 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Tgt Ion: 96 Resp: 3141
Ion Ratio Lower Upper
96 100
61 135.6 114.6 171.8
98 65.5 50.8 76.2





#13

Acrolein

Concen: 8.566 ug/l

RT: 3.723 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

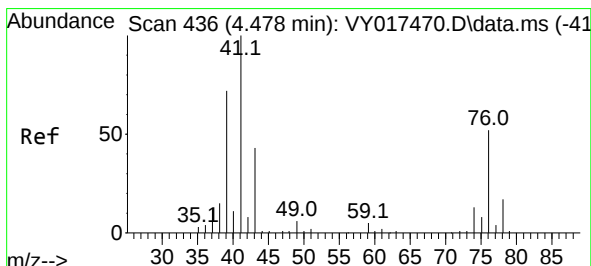
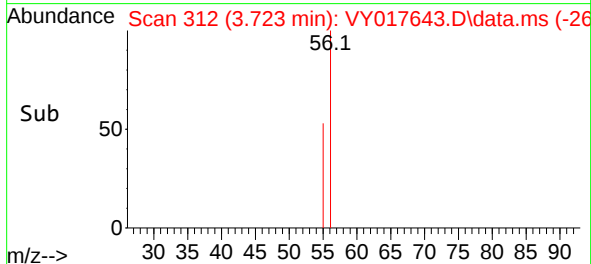
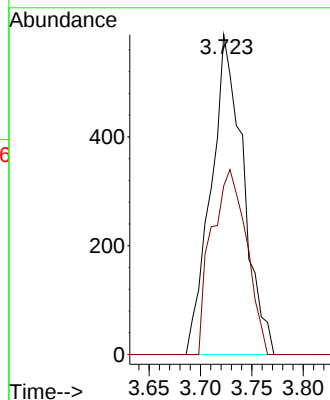
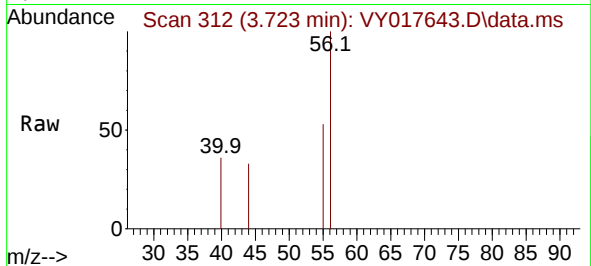
MDL05

Tgt Ion: 56 Resp: 1285

Ion Ratio Lower Upper

56 100

55 62.5 55.7 83.5



#14

Allyl chloride

Concen: 2.133 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

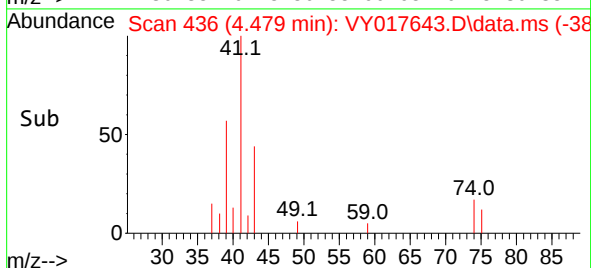
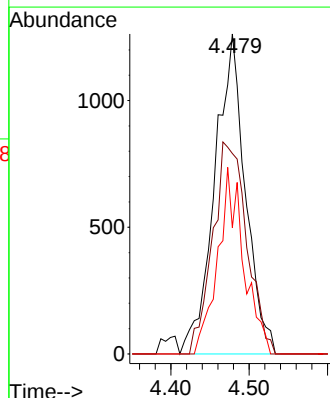
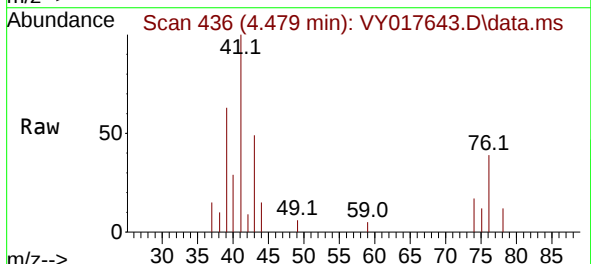
Tgt Ion: 41 Resp: 3439

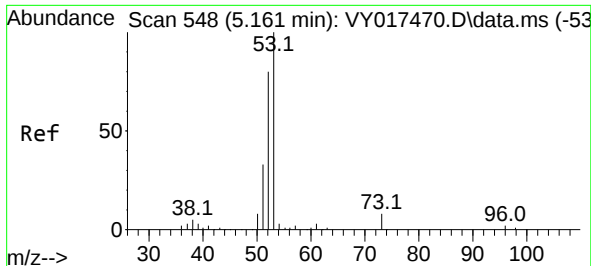
Ion Ratio Lower Upper

41 100

39 73.7 58.3 87.5

76 49.1 39.0 58.6

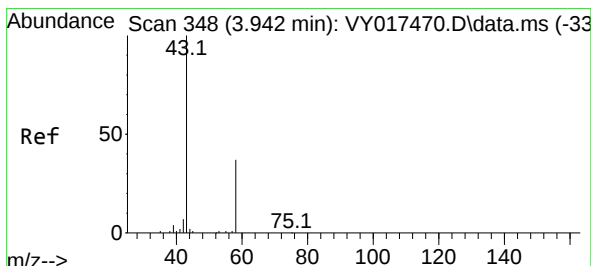
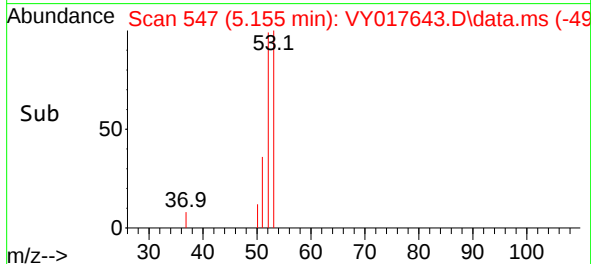
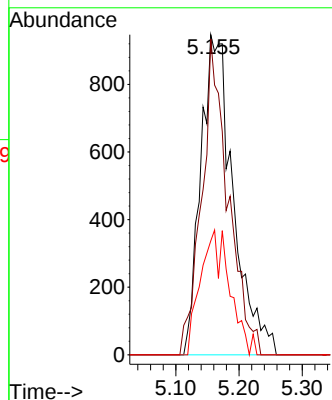
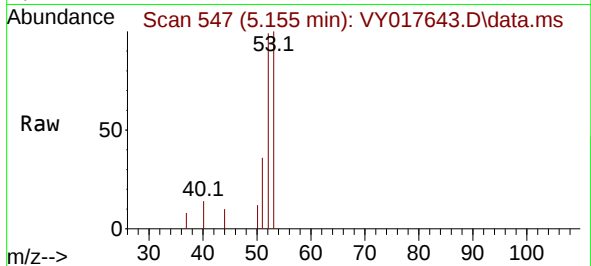




#15
Acrylonitrile
Concen: 11.244 ug/l
RT: 5.155 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

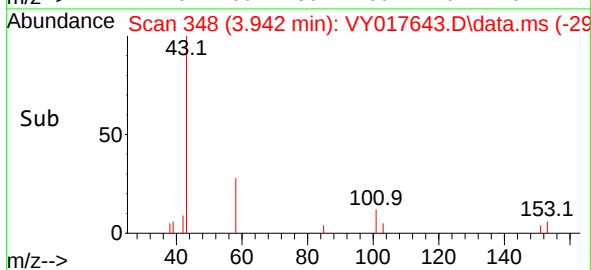
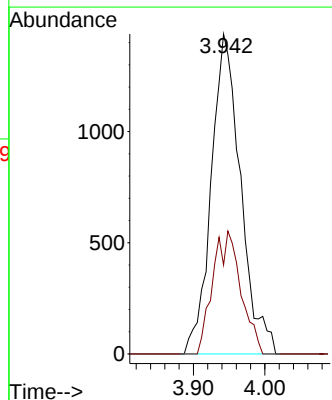
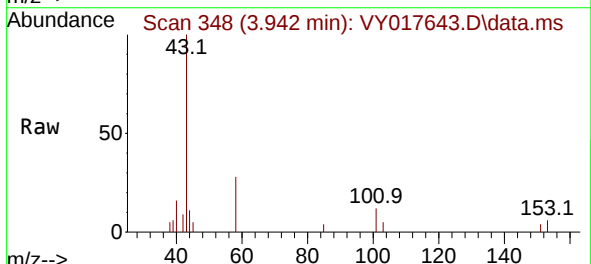
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

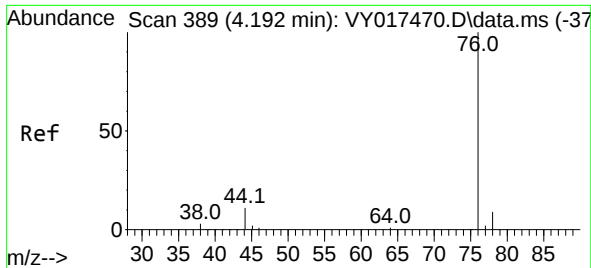
Tgt Ion: 53	Resp:	3374	
Ion	Ratio	Lower	Upper
53	100		
52	80.2	64.7	97.1
51	35.4	28.4	42.6



#16
Acetone
Concen: 15.817 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Tgt Ion: 43	Resp:	4106	
Ion	Ratio	Lower	Upper
43	100		
58	27.8	31.7	47.5#

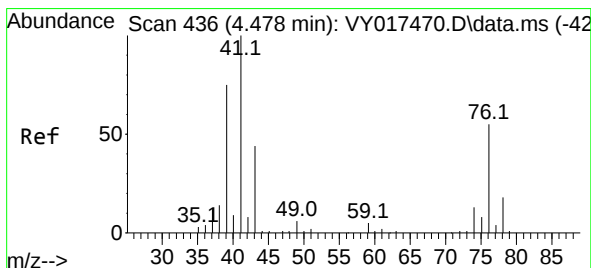
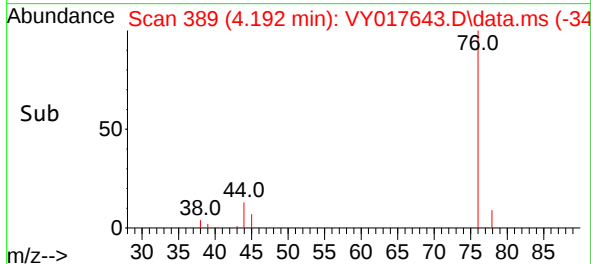
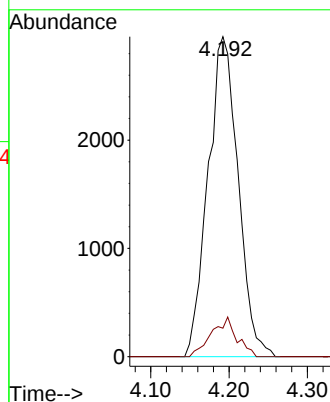
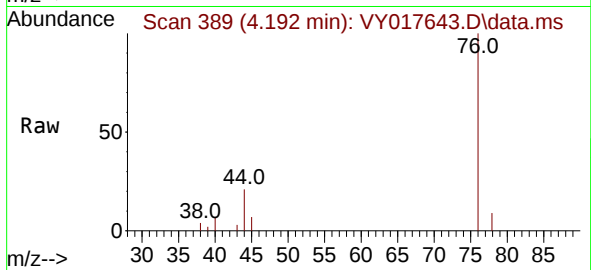




#17
Carbon Disulfide
Concen: 1.976 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

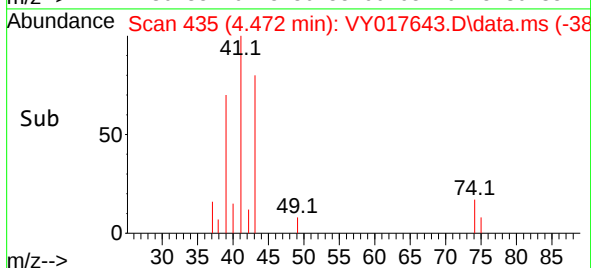
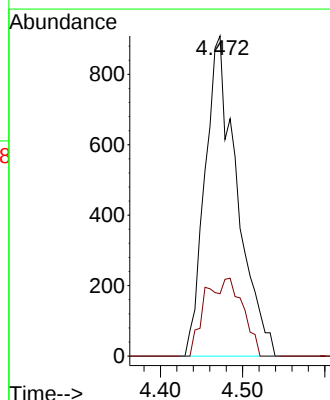
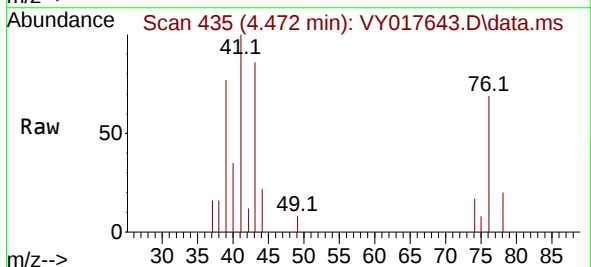
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

Tgt Ion: 76 Resp: 7911
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 3.895 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Tgt Ion: 43 Resp: 2453
Ion Ratio Lower Upper
43 100
74 13.4 23.3 34.9#

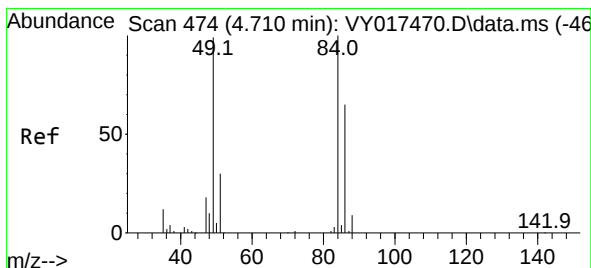
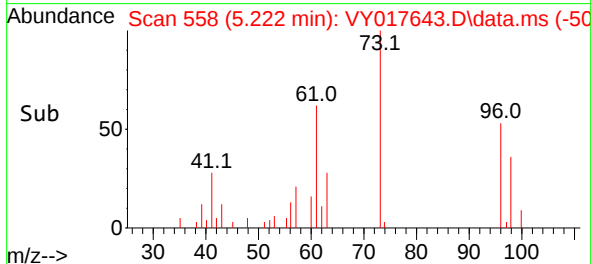
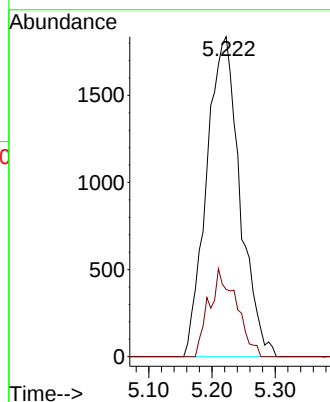
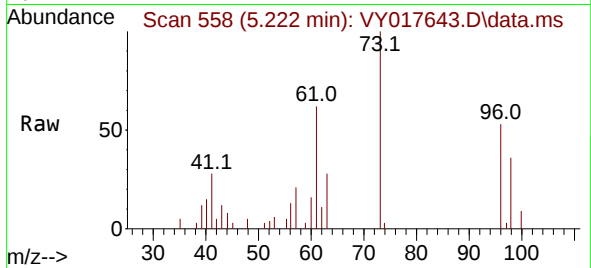




#19
Methyl tert-butyl Ether
Concen: 2.163 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

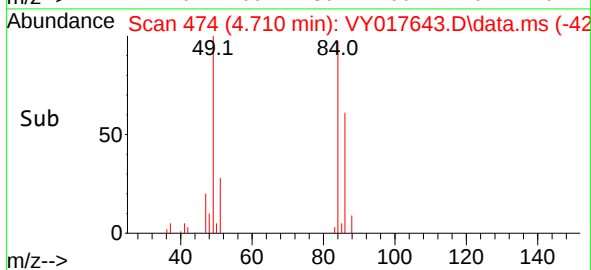
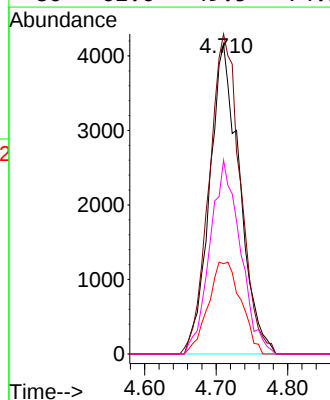
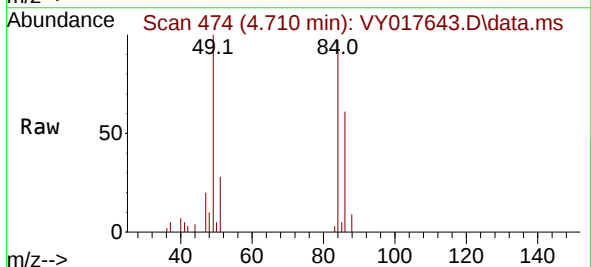
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

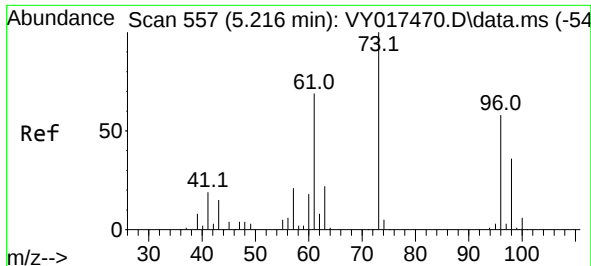
Tgt Ion: 73 Resp: 6726
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 2.772 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Tgt Ion: 84 Resp: 12119
Ion Ratio Lower Upper
84 100
49 103.3 84.4 126.6
51 29.2 26.0 39.0
86 62.6 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 2.071 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

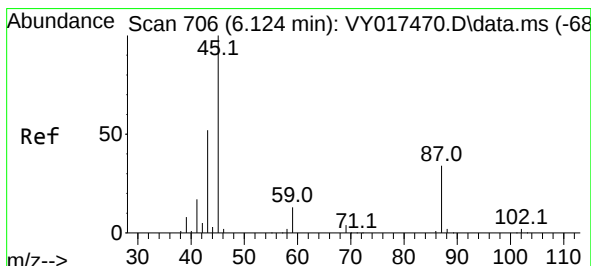
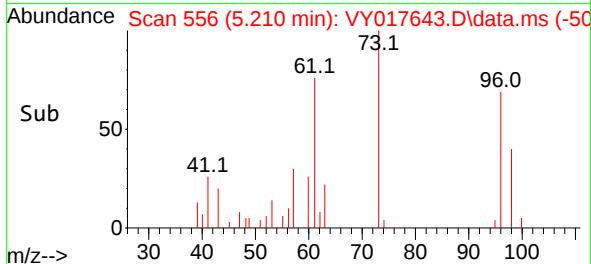
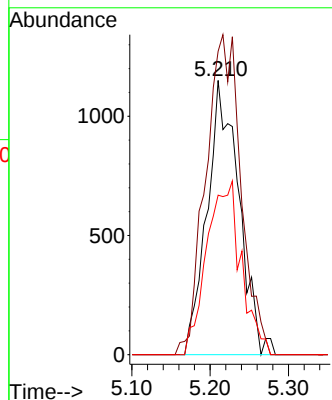
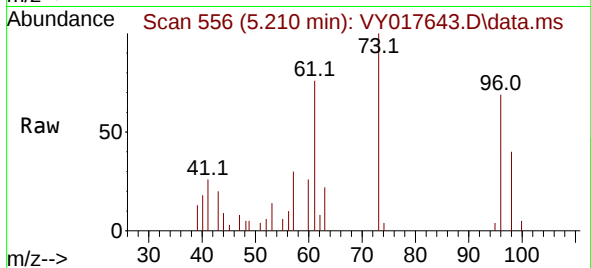
Tgt Ion: 96 Resp: 3235

Ion Ratio Lower Upper

96 100

61 110.6 97.5 146.3

98 58.2 50.5 75.7



#22

Diisopropyl ether

Concen: 2.023 ug/l

RT: 6.119 min Scan# 705

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Tgt Ion: 45 Resp: 7525

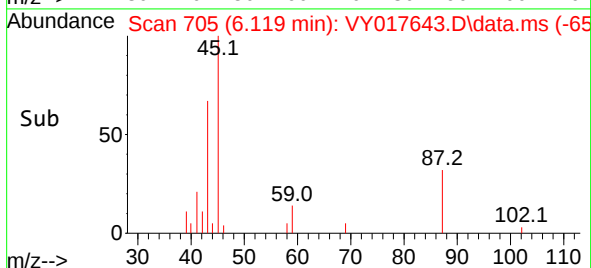
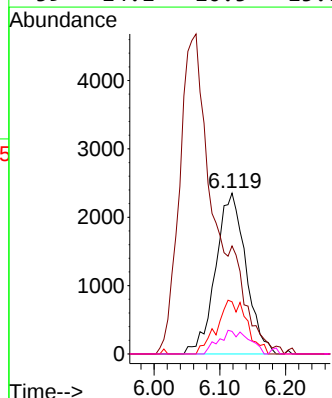
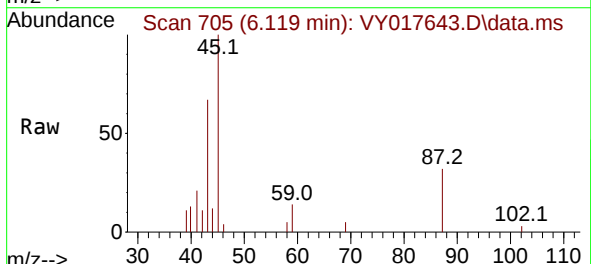
Ion Ratio Lower Upper

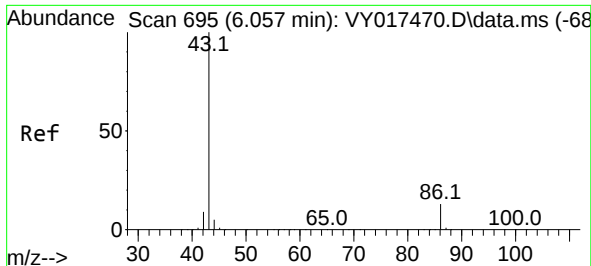
45 100

43 62.9 42.2 63.2

87 32.5 25.0 37.6

59 14.1 10.5 15.7

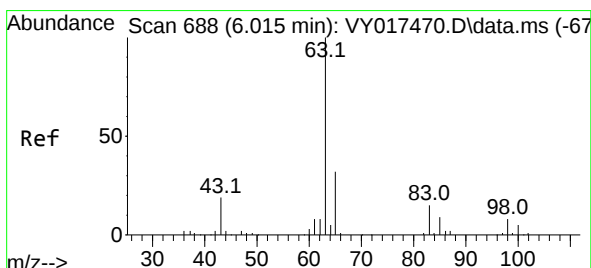
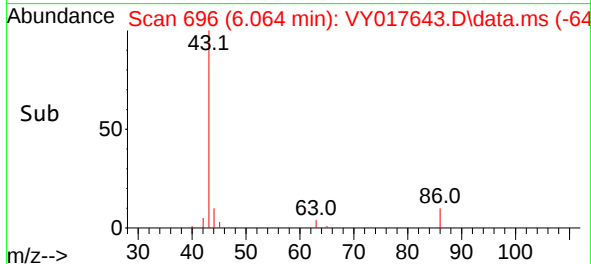
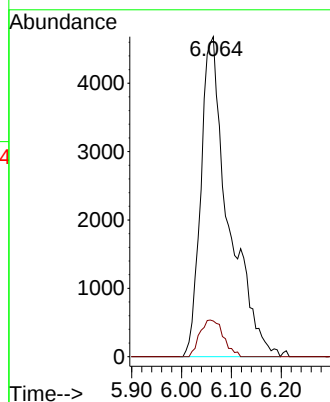
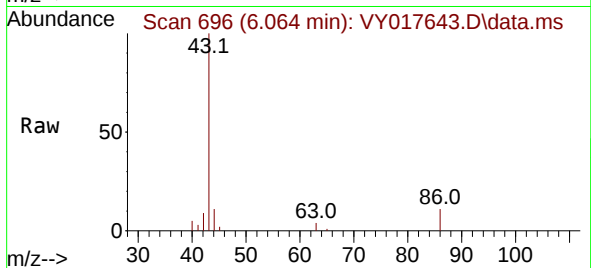




#23
 Vinyl Acetate
 Concen: 8.148 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY017643.D
 Acq: 12 Mar 2024 16:20

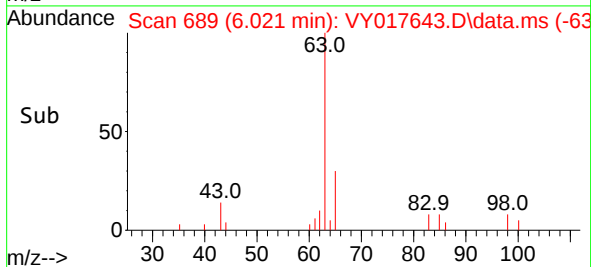
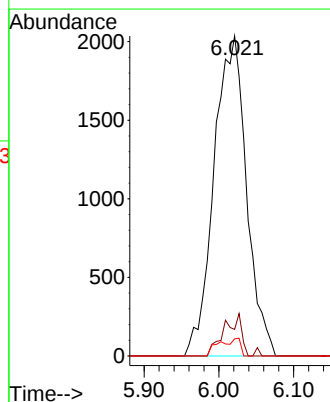
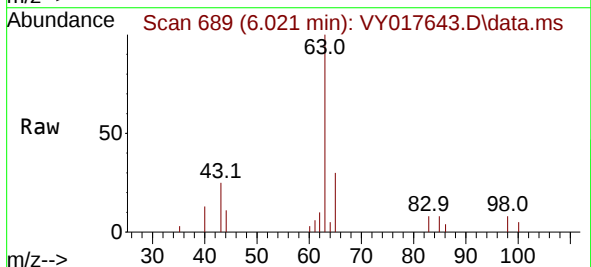
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL05

Tgt Ion: 43 Resp: 18061
 Ion Ratio Lower Upper
 43 100
 86 11.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 2.422 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY017643.D
 Acq: 12 Mar 2024 16:20

Tgt Ion: 63 Resp: 6155
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.0 12.2
 100 5.4 2.6 8.0





#25

2-Butanone

Concen: 12.026 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

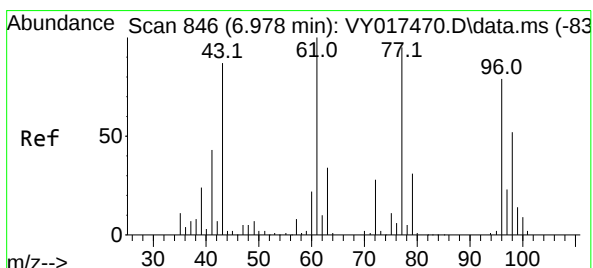
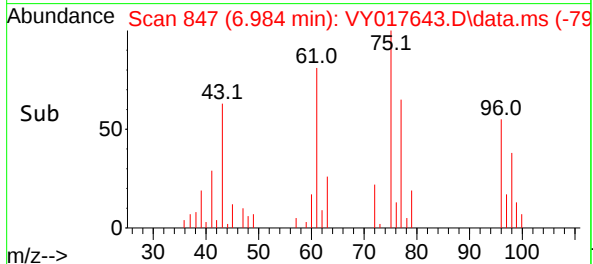
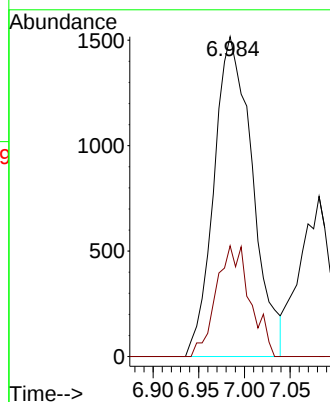
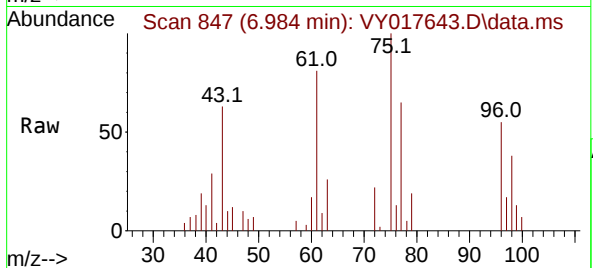
MDL05

Tgt Ion: 43 Resp: 4449

Ion Ratio Lower Upper

43 100

72 34.6 27.3 40.9



#26

2,2-Dichloropropane

Concen: 2.434 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY017643.D

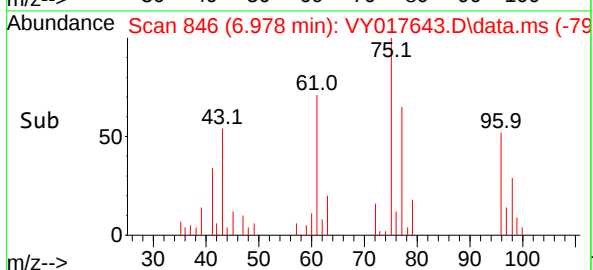
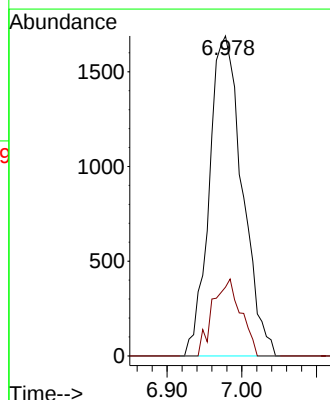
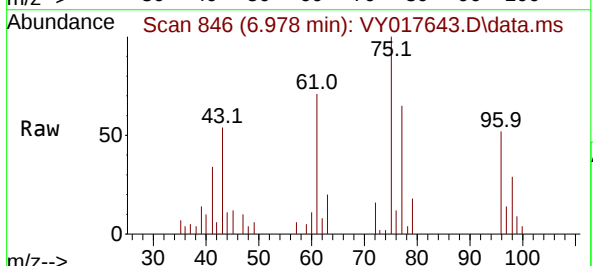
Acq: 12 Mar 2024 16:20

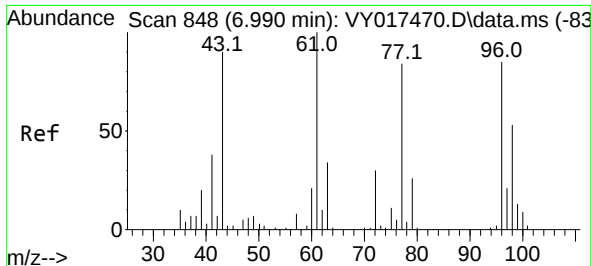
Tgt Ion: 77 Resp: 5201

Ion Ratio Lower Upper

77 100

97 20.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 2.159 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

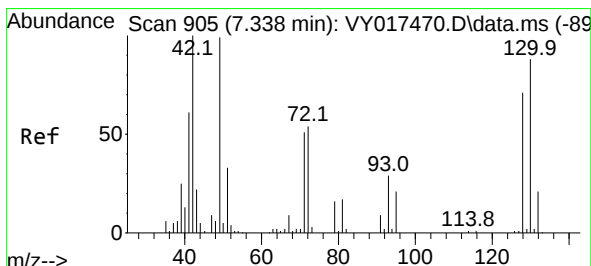
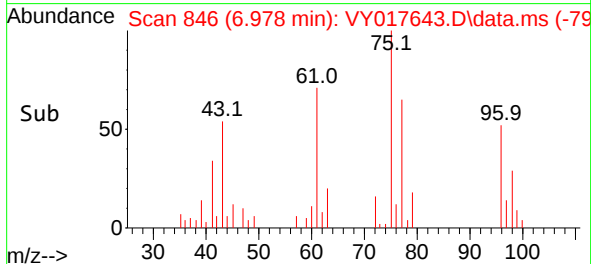
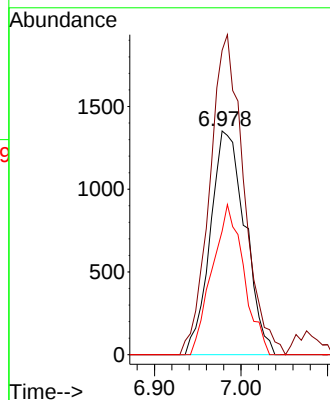
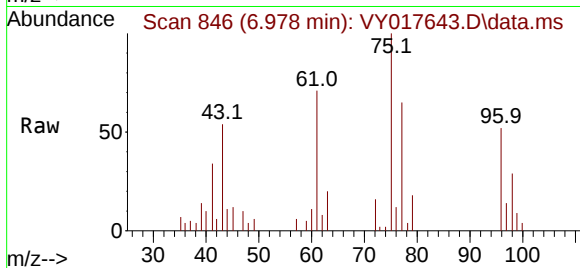
Tgt Ion: 96 Resp: 3787

Ion Ratio Lower Upper

96 100

61 139.4 0.0 256.2

98 60.8 0.0 130.0



#28

Bromochloromethane

Concen: 2.159 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

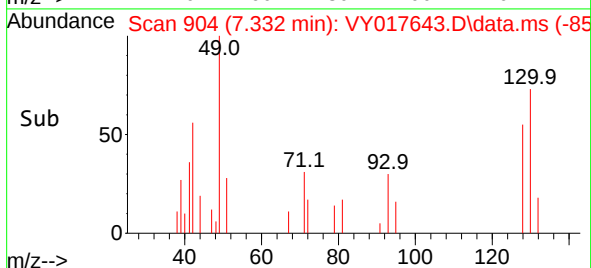
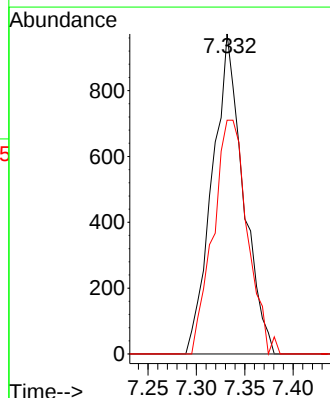
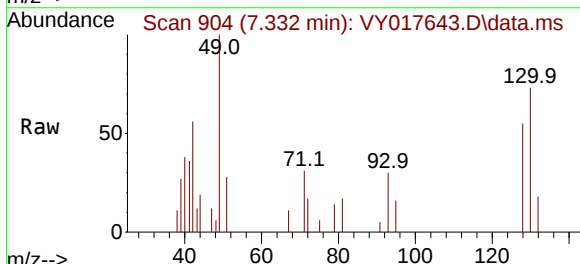
Tgt Ion: 49 Resp: 2161

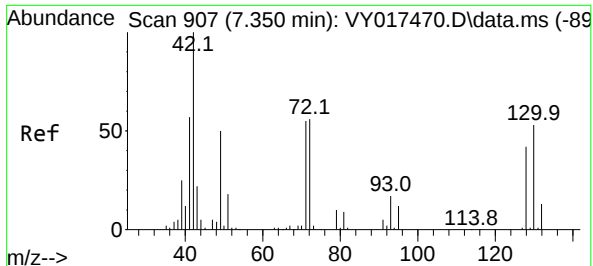
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 80.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 9.937 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

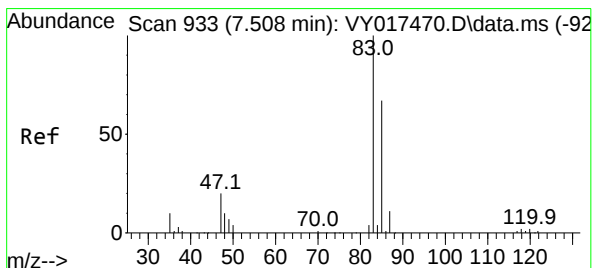
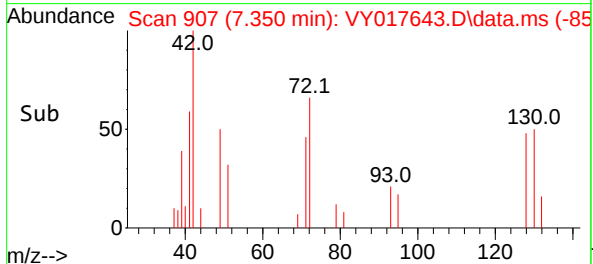
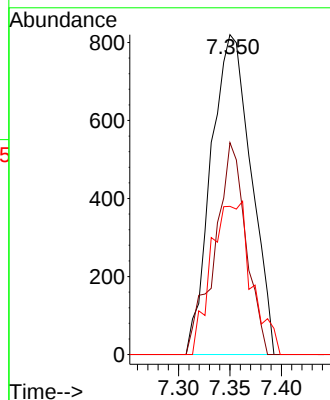
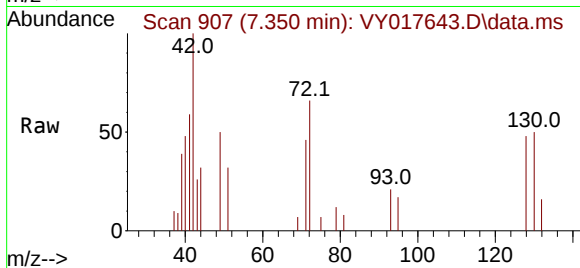
Tgt Ion: 42 Resp: 2216

Ion Ratio Lower Upper

42 100

72 52.0 43.0 64.4

71 48.0 40.8 61.2



#30

Chloroform

Concen: 2.480 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017643.D

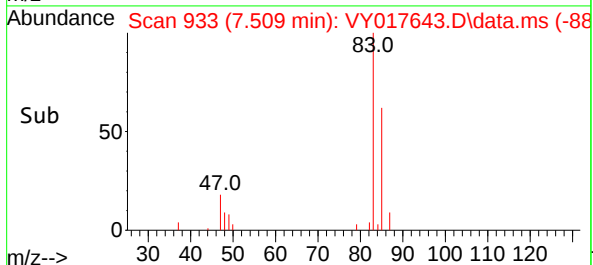
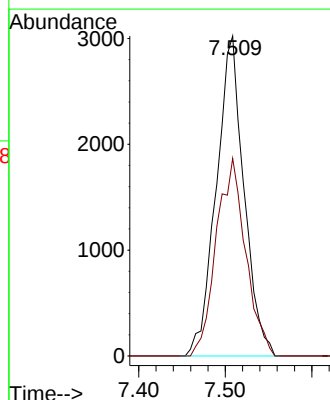
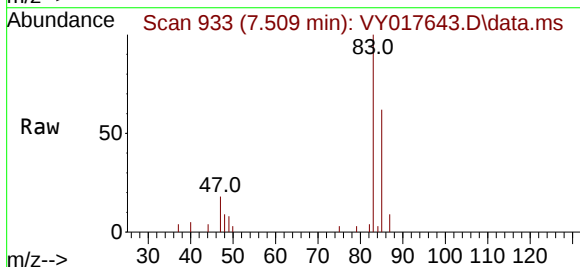
Acq: 12 Mar 2024 16:20

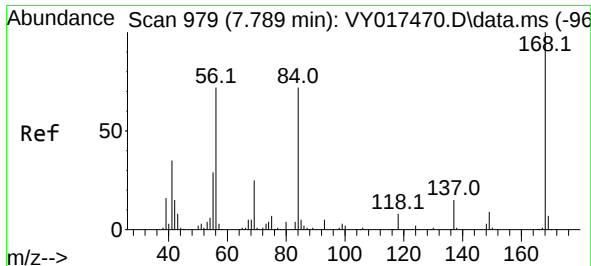
Tgt Ion: 83 Resp: 6711

Ion Ratio Lower Upper

83 100

85 61.8 52.2 78.4

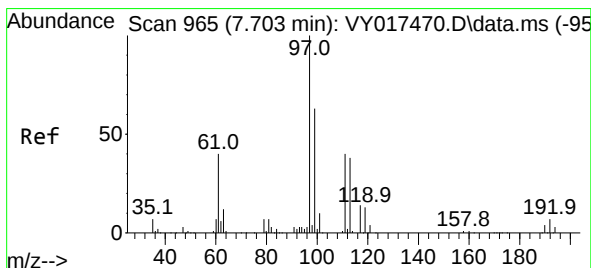
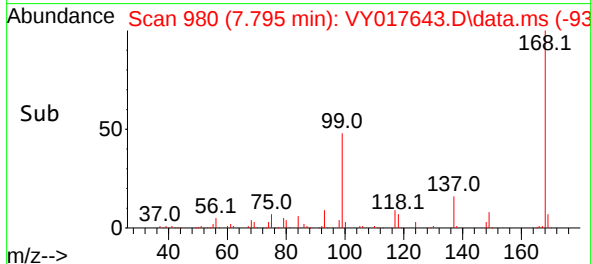
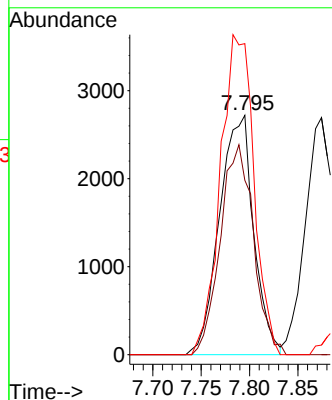
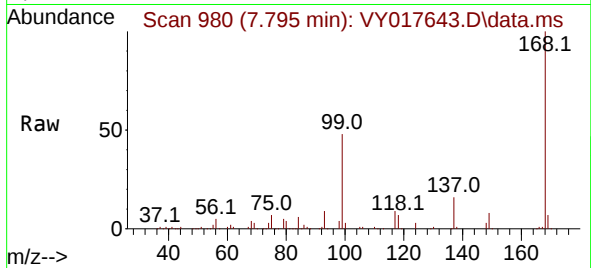




#31
Cyclohexane
Concen: 3.066 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

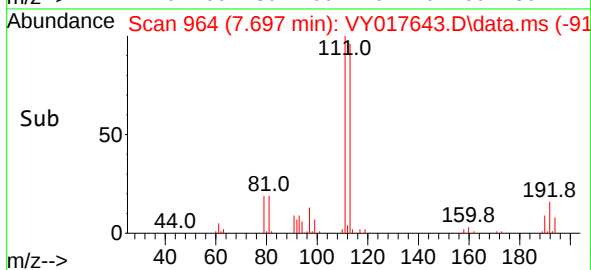
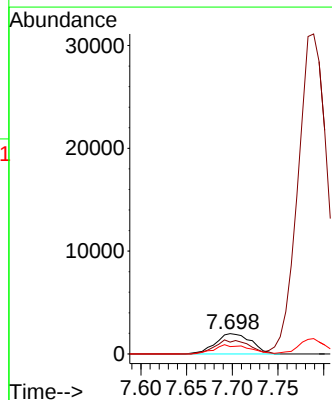
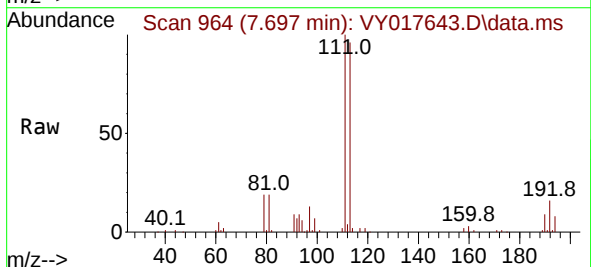
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

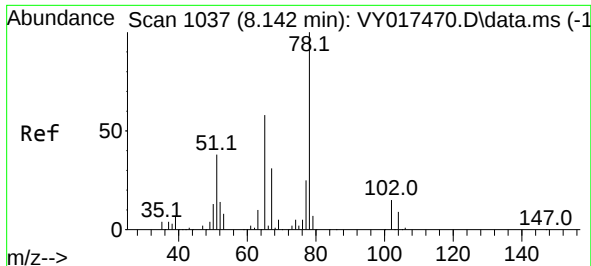
Tgt Ion: 56 Resp: 6678
Ion Ratio Lower Upper
56 100
69 72.9 28.7 43.1#
84 130.0 77.7 116.5#



#32
1,1,1-Trichloroethane
Concen: 2.282 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Tgt Ion: 97 Resp: 5361
Ion Ratio Lower Upper
97 100
99 64.7 50.3 75.5
61 43.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 50.782 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

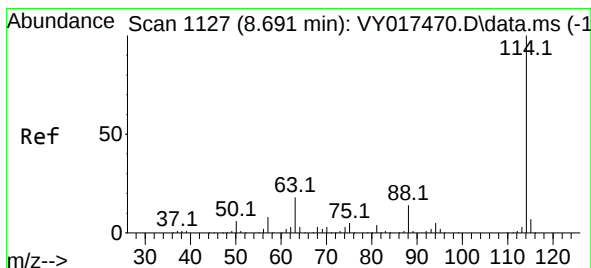
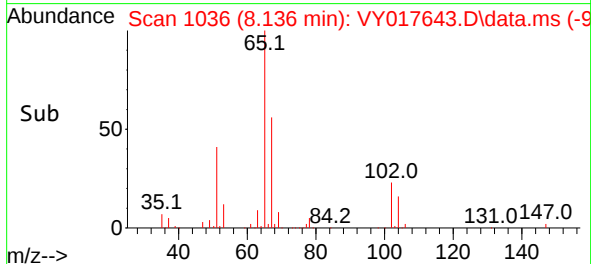
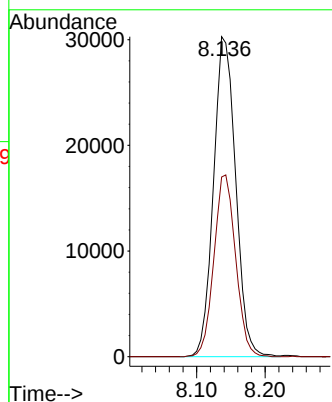
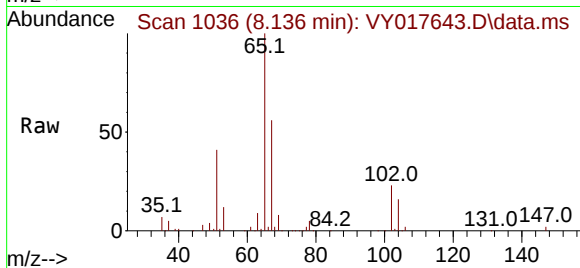
MDL05

Tgt Ion: 65 Resp: 67966

Ion Ratio Lower Upper

65 100

67 55.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

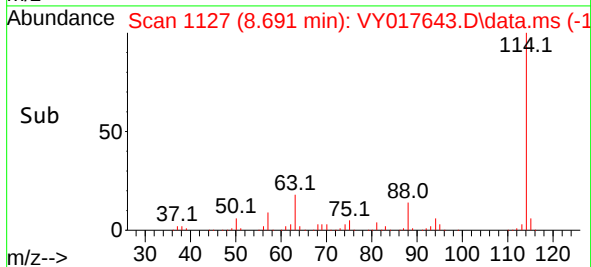
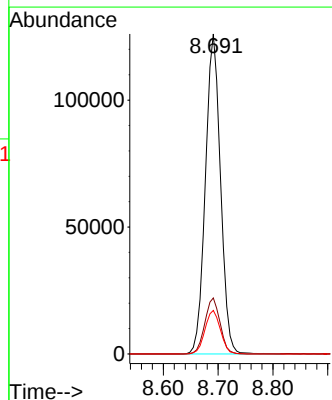
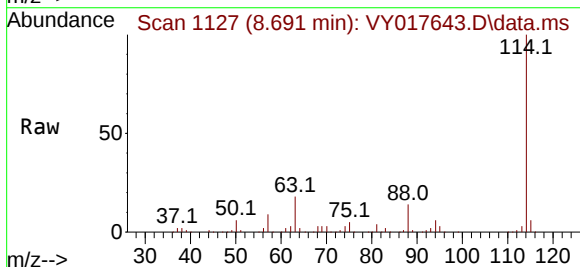
Tgt Ion: 114 Resp: 240433

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 13.6 0.0 27.2

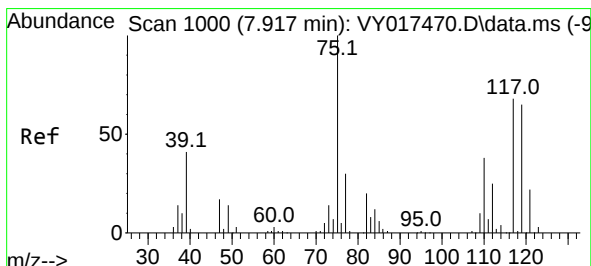
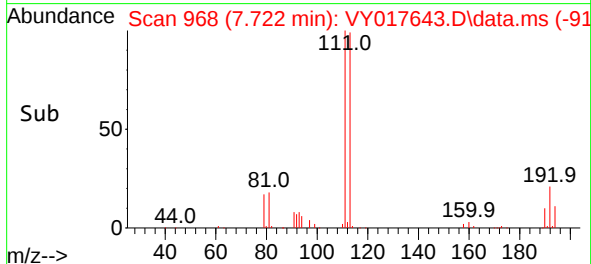
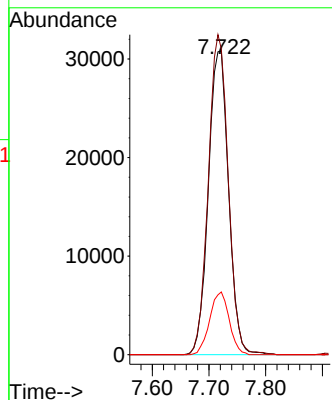
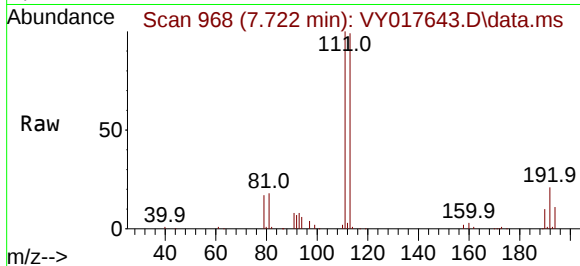




#35
Dibromofluoromethane
Concen: 45.603 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

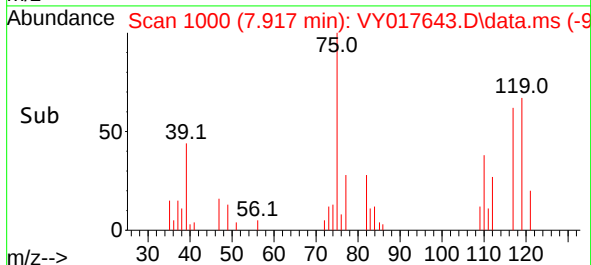
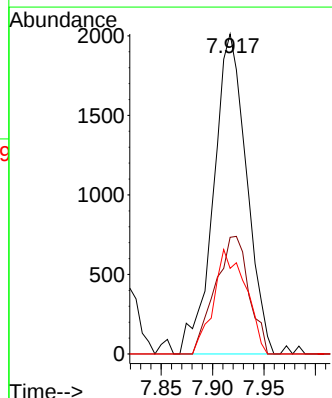
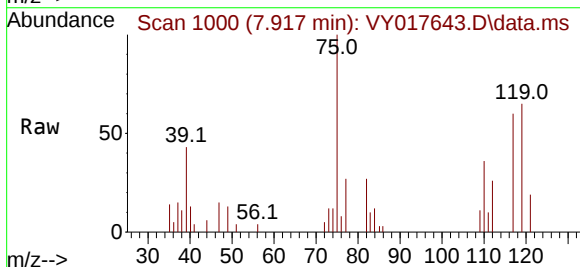
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

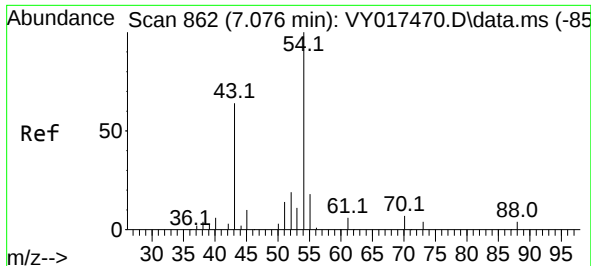
Tgt Ion:113 Resp: 76404
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 20.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 1.984 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Tgt Ion: 75 Resp: 4484
Ion Ratio Lower Upper
75 100
110 37.7 19.0 57.0
77 31.9 25.3 37.9





#37

Ethyl Acetate

Concen: 2.205 ug/l

RT: 7.082 min Scan# 863

Delta R.T. 0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

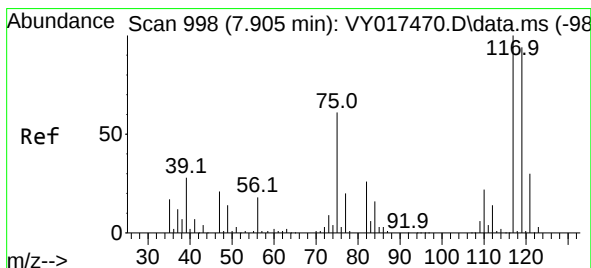
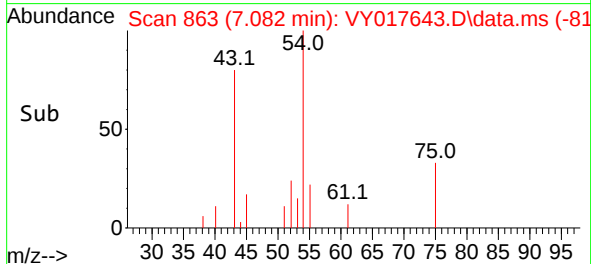
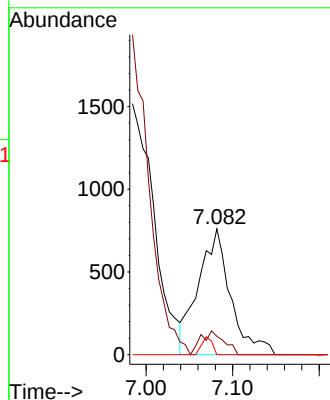
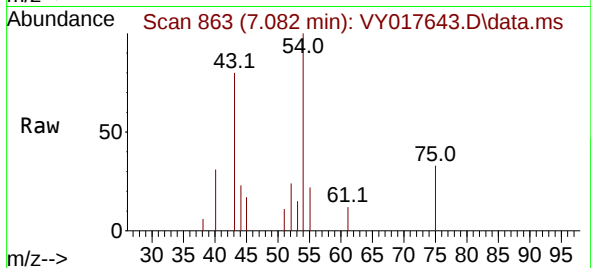
Tgt Ion: 43 Resp: 1969

Ion Ratio Lower Upper

43 100

61 13.5 12.6 19.0

70 4.5 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 2.071 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

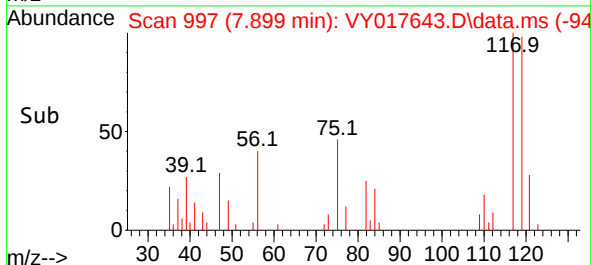
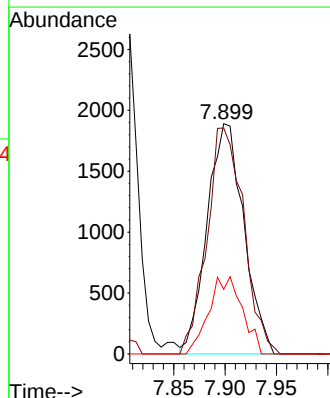
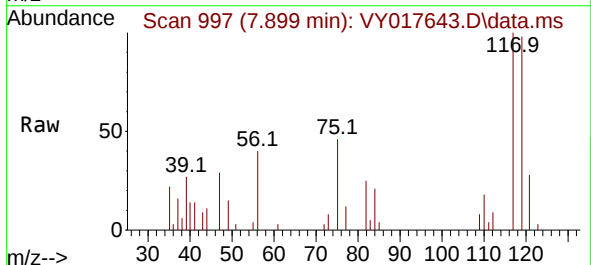
Tgt Ion: 117 Resp: 4693

Ion Ratio Lower Upper

117 100

119 98.1 75.8 113.6

121 28.1 24.0 36.0





#39

Methylcyclohexane

Concen: 1.952 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

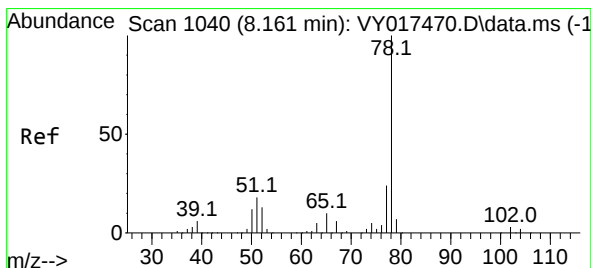
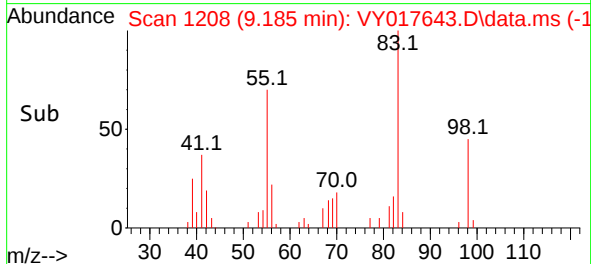
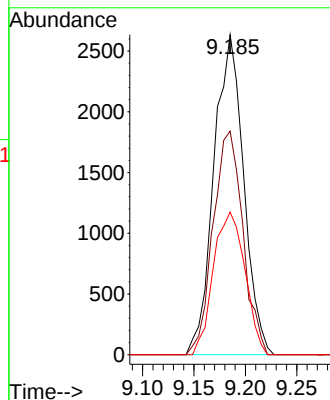
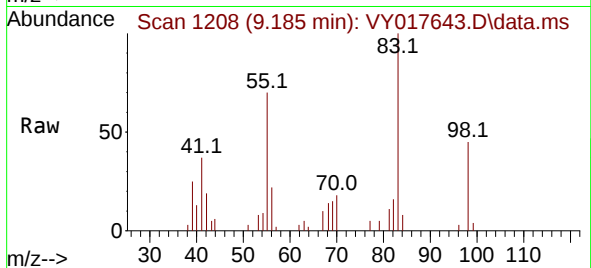
Tgt Ion: 83 Resp: 5303

Ion Ratio Lower Upper

83 100

55 69.9 51.5 77.3

98 44.6 40.5 60.7



#40

Benzene

Concen: 2.185 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017643.D

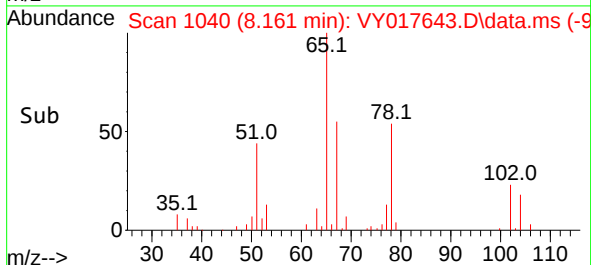
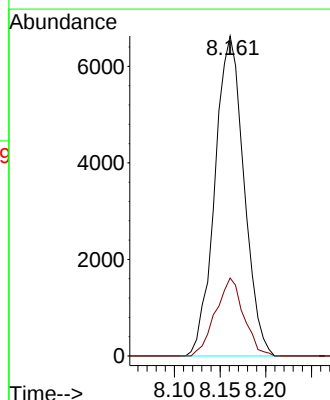
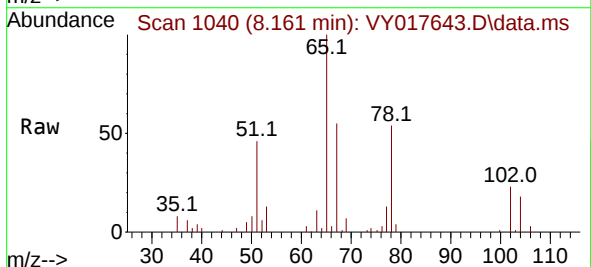
Acq: 12 Mar 2024 16:20

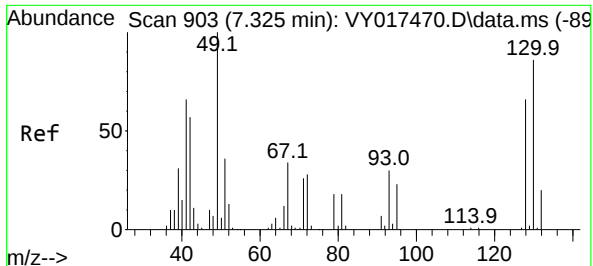
Tgt Ion: 78 Resp: 14665

Ion Ratio Lower Upper

78 100

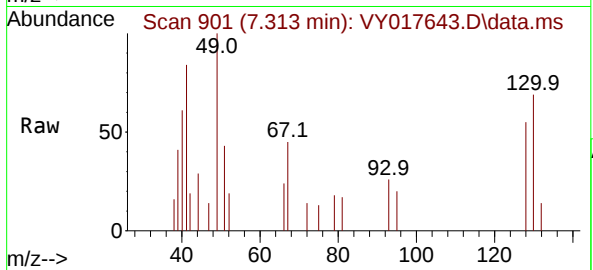
77 24.4 19.5 29.3





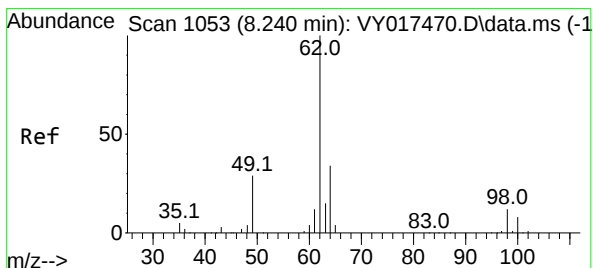
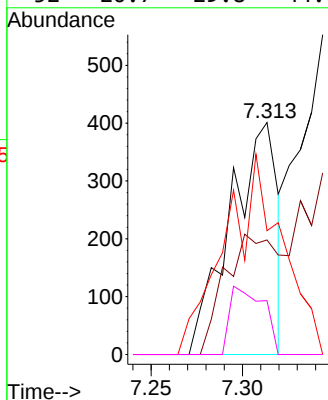
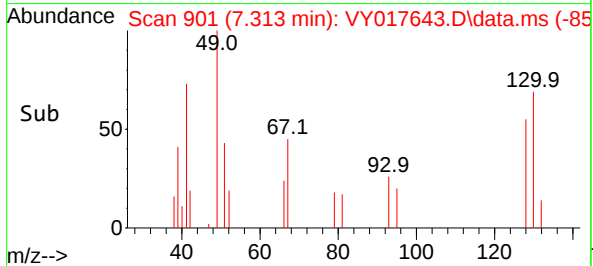
#41
Methacrylonitrile
Concen: 1.614 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Instrument :
MSVOA_Y
ClientSampleId :
MDL05



Tgt Ion: 41 Resp: 723

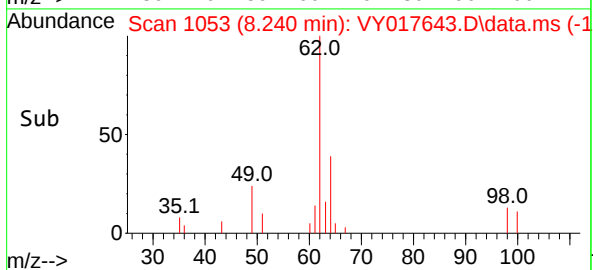
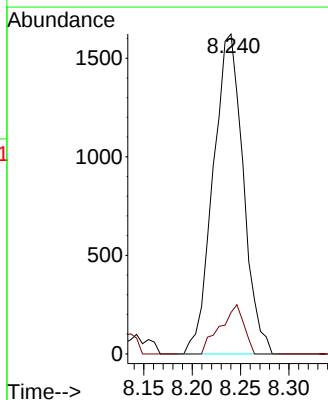
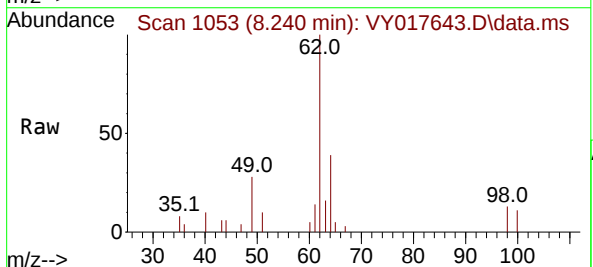
Ion	Ratio	Lower	Upper
41	100		
39	65.1	48.0	72.0
67	103.7	75.1	112.7
52	20.7	29.8	44.6

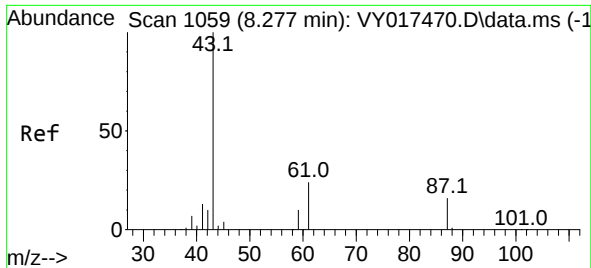


#42
1,2-Dichloroethane
Concen: 2.142 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Tgt Ion: 62 Resp: 3509

Ion	Ratio	Lower	Upper
62	100		
98	12.1	0.0	22.0





#43

Isopropyl Acetate

Concen: 1.995 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

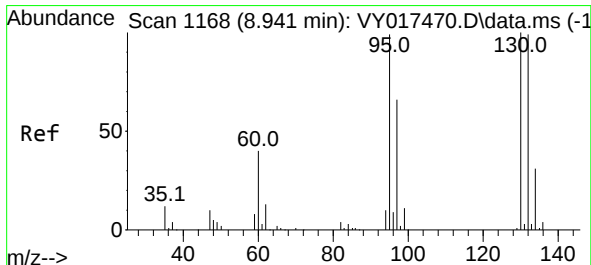
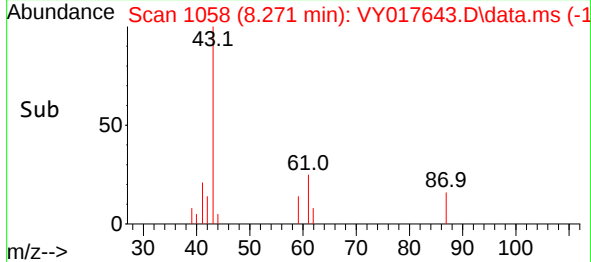
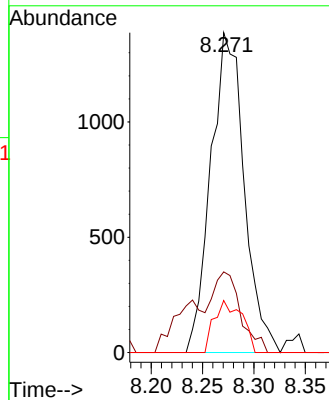
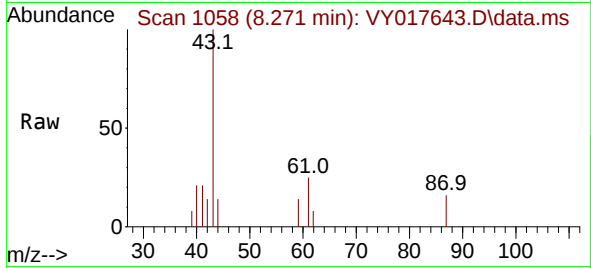
Tgt Ion: 43 Resp: 3130

Ion Ratio Lower Upper

43 100

61 21.3 27.9 41.9#

87 13.5 13.1 19.7



#44

Trichloroethene

Concen: 2.150 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY017643.D

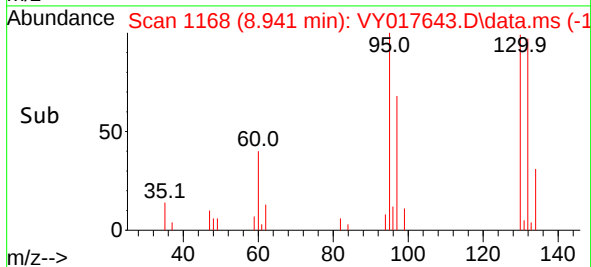
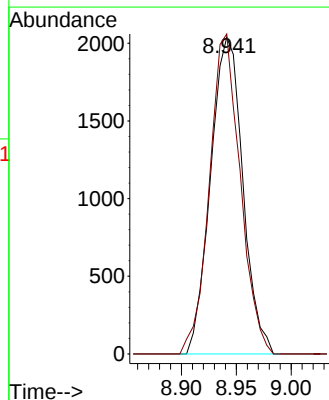
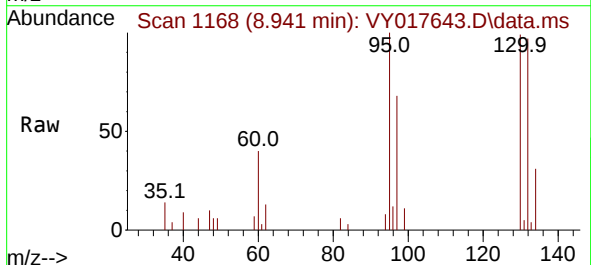
Acq: 12 Mar 2024 16:20

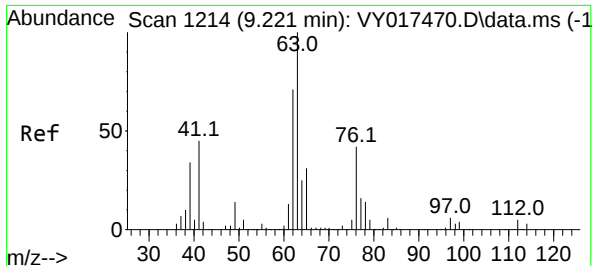
Tgt Ion:130 Resp: 4160

Ion Ratio Lower Upper

130 100

95 101.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 2.235 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

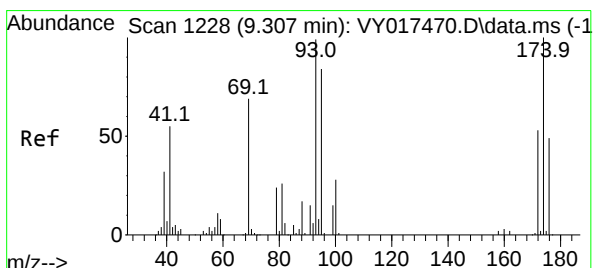
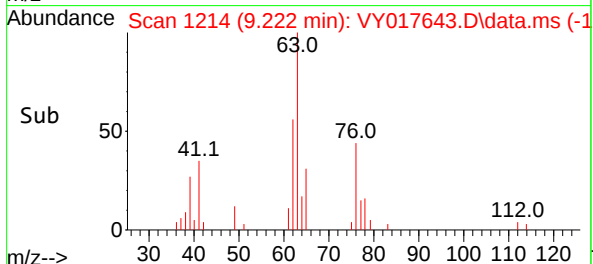
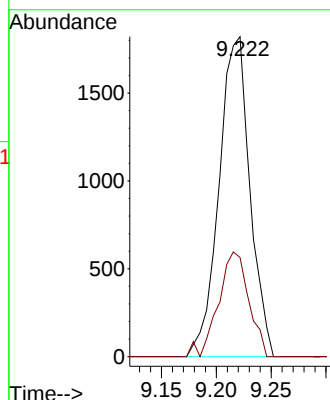
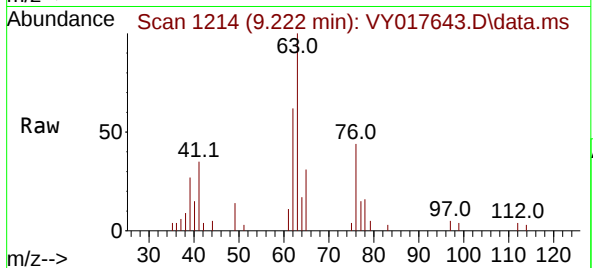
MDL05

Tgt Ion: 63 Resp: 3570

Ion Ratio Lower Upper

63 100

65 31.0 25.4 38.2



#46

Dibromomethane

Concen: 2.163 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

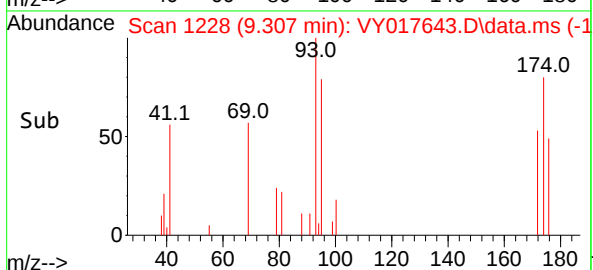
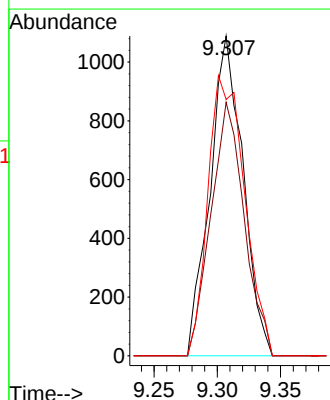
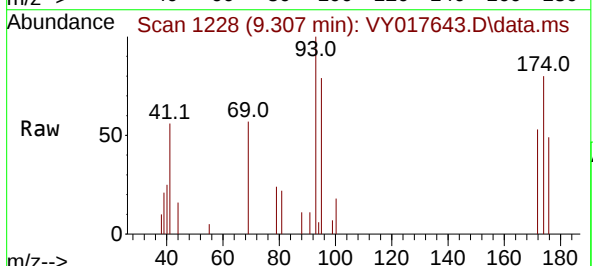
Tgt Ion: 93 Resp: 1977

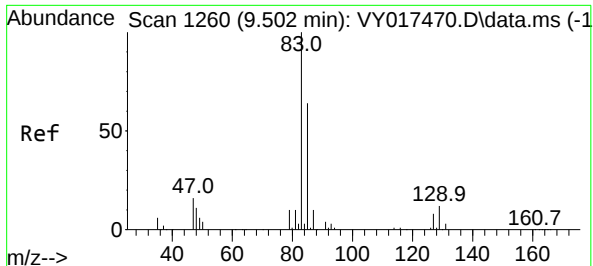
Ion Ratio Lower Upper

93 100

95 80.1 66.2 99.4

174 97.4 80.9 121.3





#47

Bromodichloromethane

Concen: 2.189 ug/l

RT: 9.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

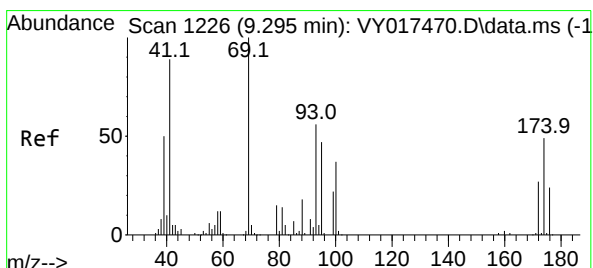
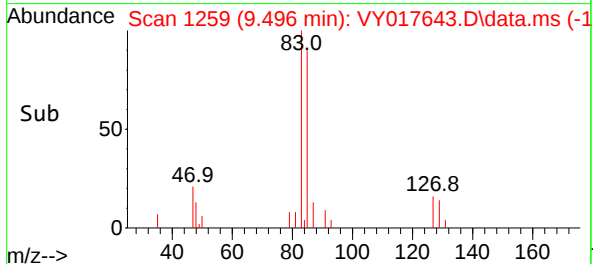
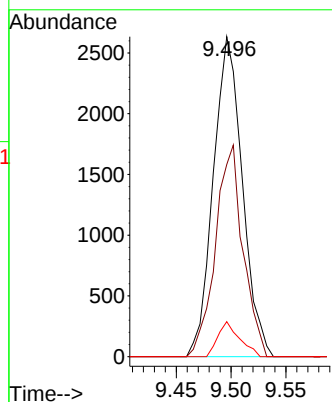
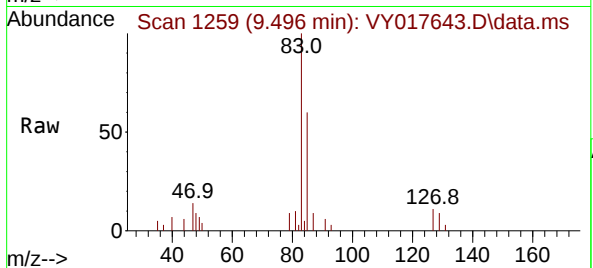
Tgt Ion: 83 Resp: 4858

Ion Ratio Lower Upper

83 100

85 60.1 50.1 75.1

127 10.9 7.4 11.0



#48

Methyl methacrylate

Concen: 2.378 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

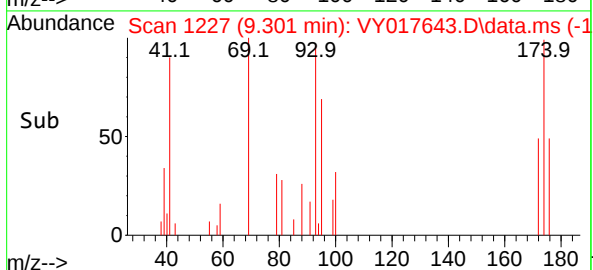
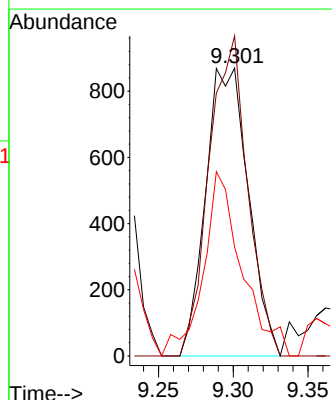
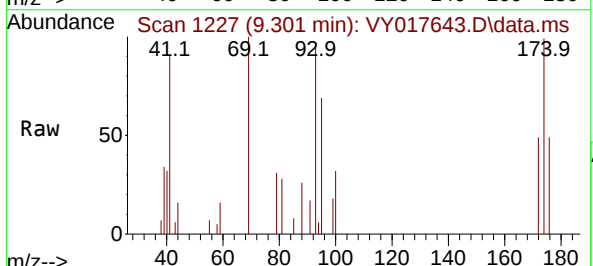
Tgt Ion: 41 Resp: 1727

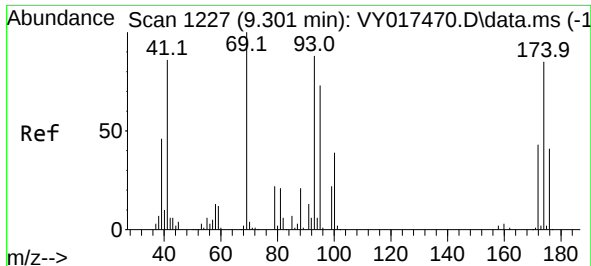
Ion Ratio Lower Upper

41 100

69 100.3 84.1 126.1

39 57.9 43.6 65.4





#49

1,4-Dioxane

Concen: 40.022 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

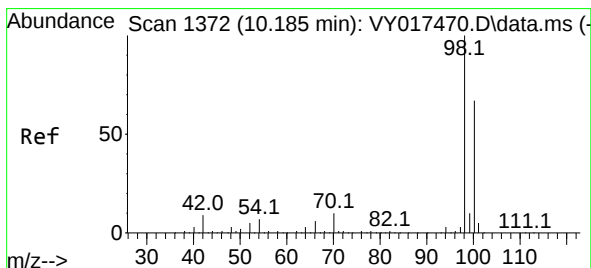
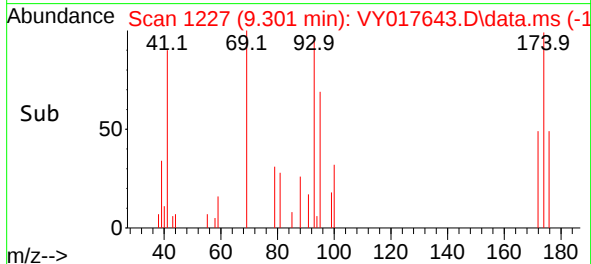
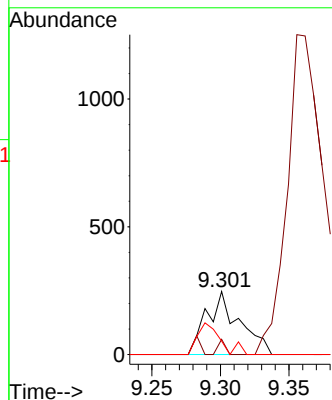
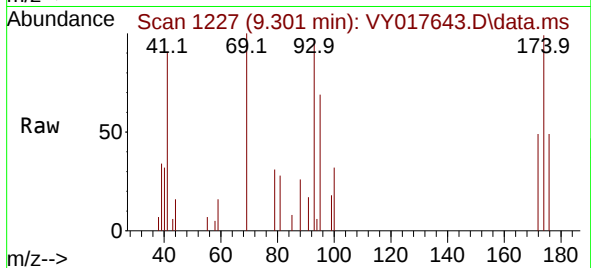
Tgt Ion: 88 Resp: 414

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 35.0 49.3 73.9#



#50

Toluene-d8

Concen: 46.758 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY017643.D

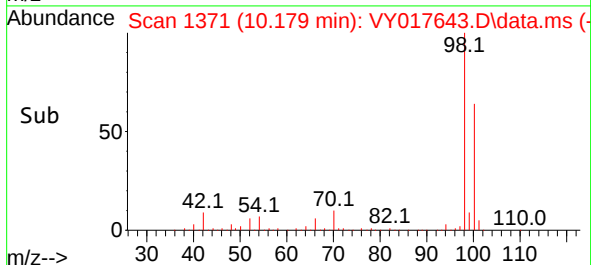
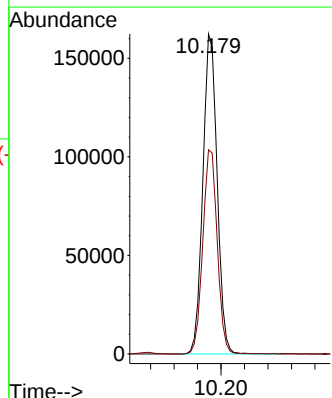
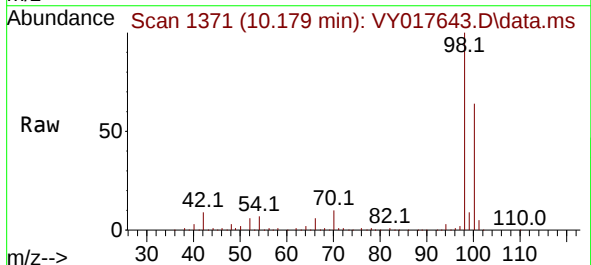
Acq: 12 Mar 2024 16:20

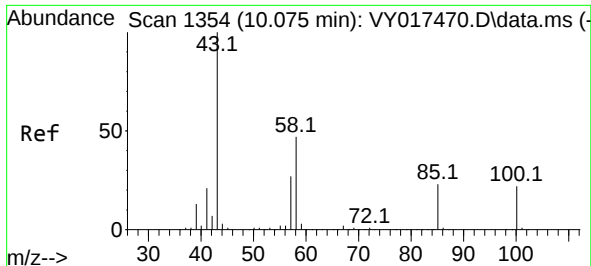
Tgt Ion: 98 Resp: 273902

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

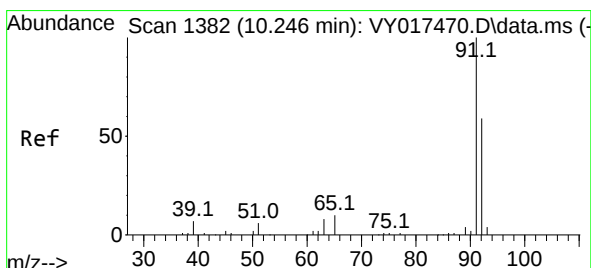
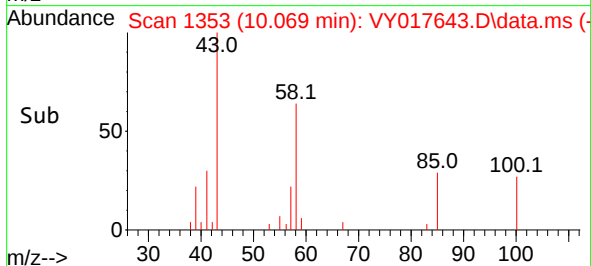
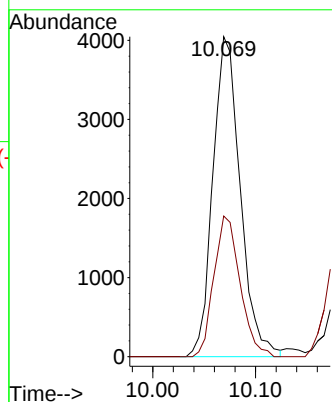
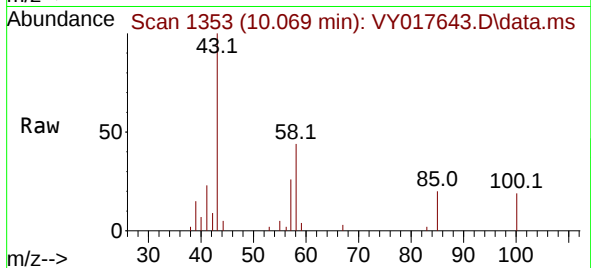




#51
4-Methyl-2-Pentanone
Concen: 8.552 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

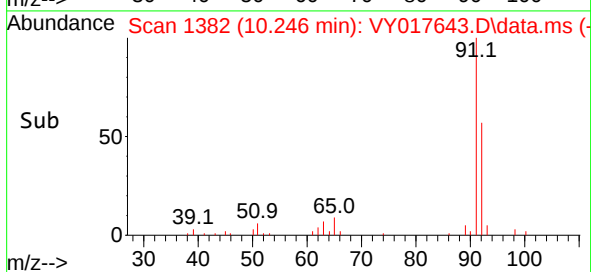
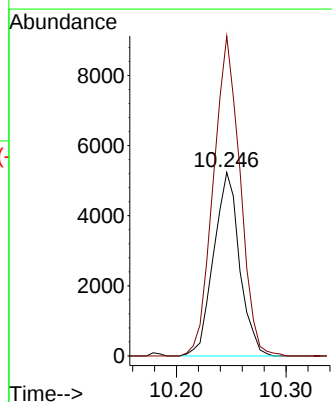
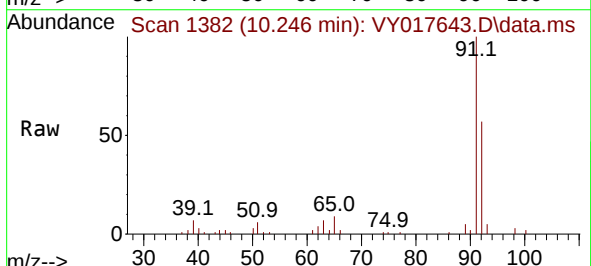
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

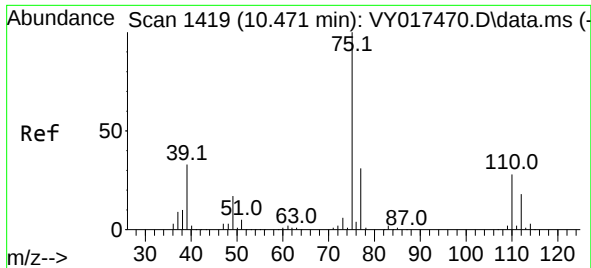
Tgt Ion: 43 Resp: 7478
Ion Ratio Lower Upper
43 100
58 42.0 35.7 53.5



#52
Toluene
Concen: 2.035 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Tgt Ion: 92 Resp: 8611
Ion Ratio Lower Upper
92 100
91 179.3 139.0 208.6

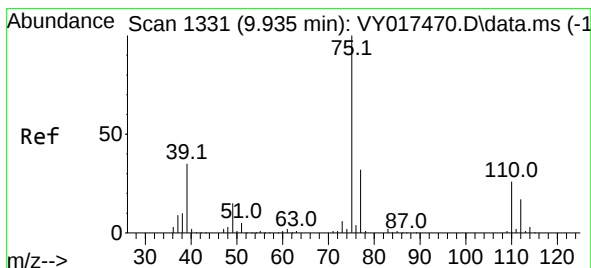
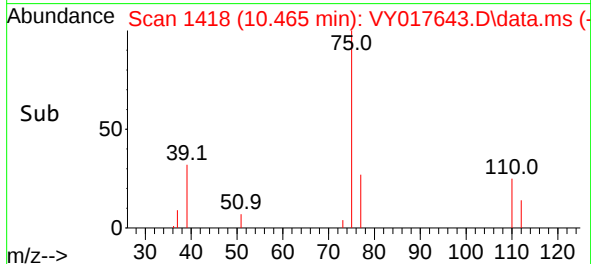
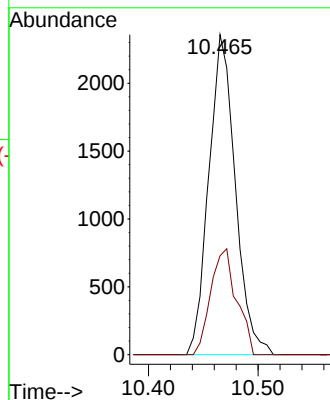
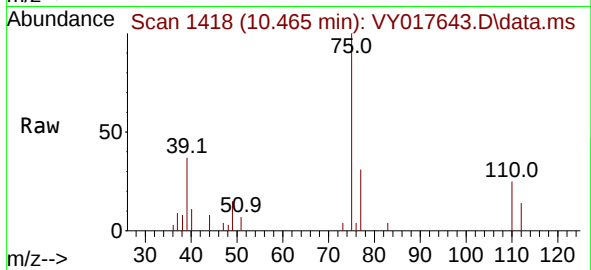




#53
 t-1,3-Dichloropropene
 Concen: 1.926 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY017643.D
 Acq: 12 Mar 2024 16:20

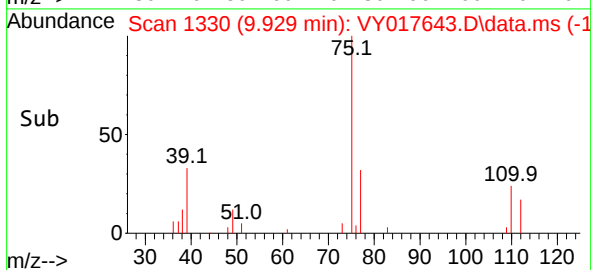
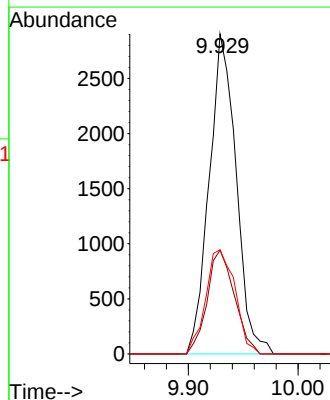
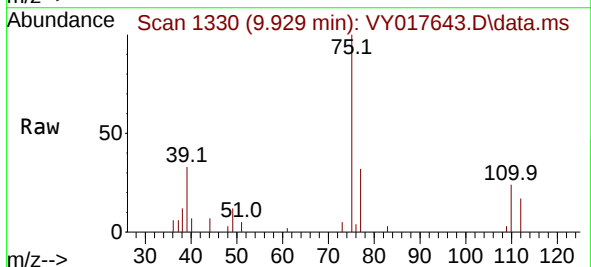
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL05

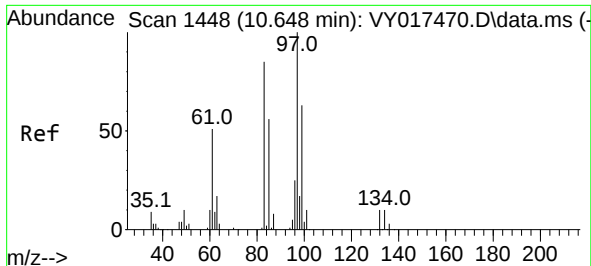
Tgt Ion: 75 Resp: 3967
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 1.983 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY017643.D
 Acq: 12 Mar 2024 16:20

Tgt Ion: 75 Resp: 4964
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0
 39 32.6 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 2.131 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

Tgt Ion: 97 Resp: 2766

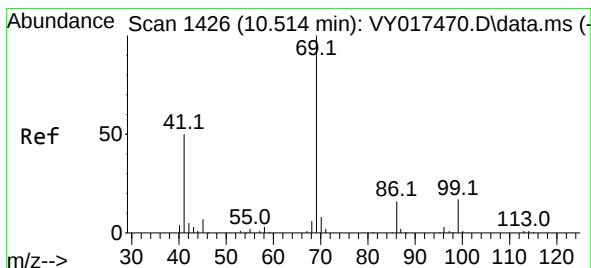
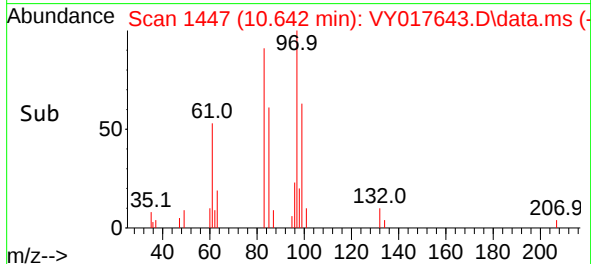
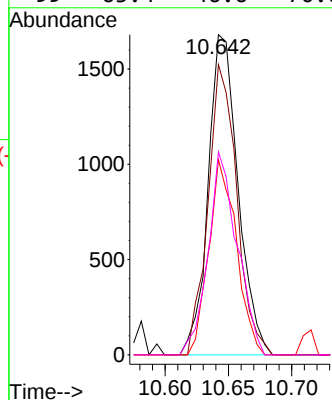
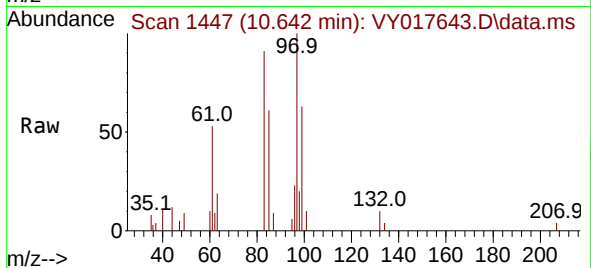
Ion Ratio Lower Upper

97 100

83 90.7 67.5 101.3

85 60.9 42.9 64.3

99 63.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 3.562 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

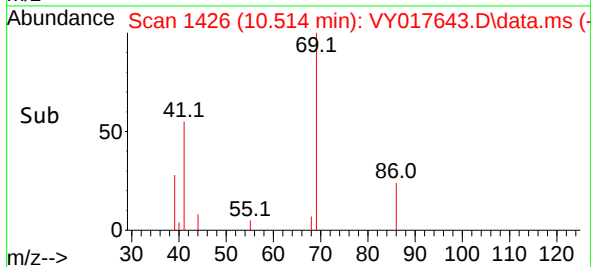
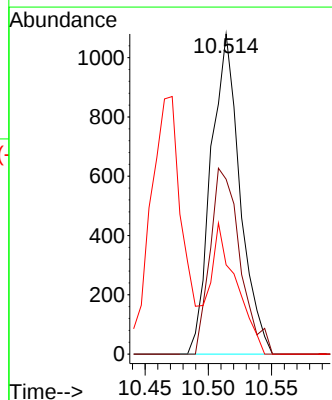
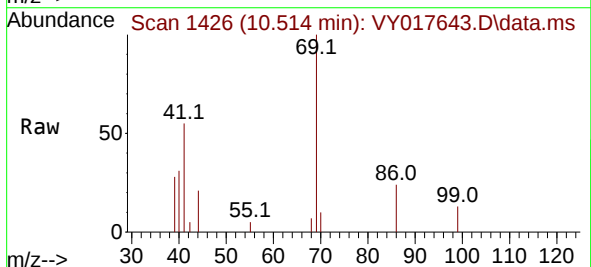
Tgt Ion: 69 Resp: 1724

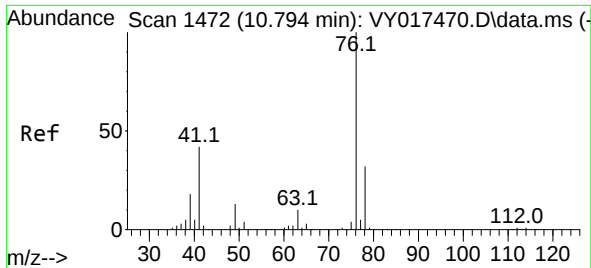
Ion Ratio Lower Upper

69 100

41 60.1 42.3 63.5

39 38.2 22.9 34.3#

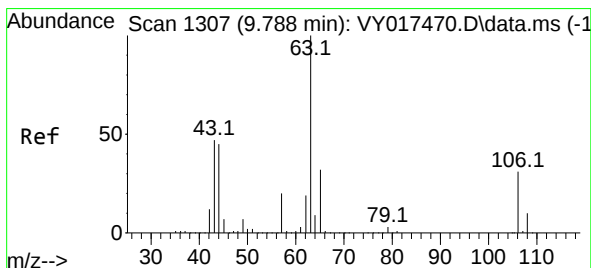
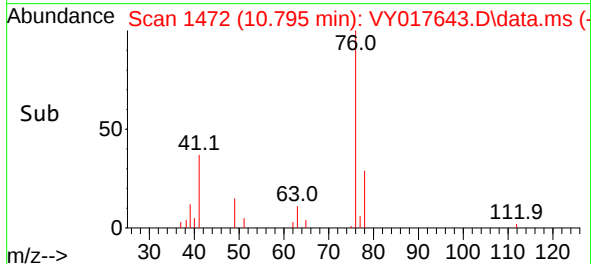
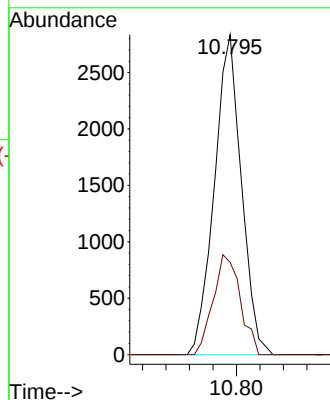
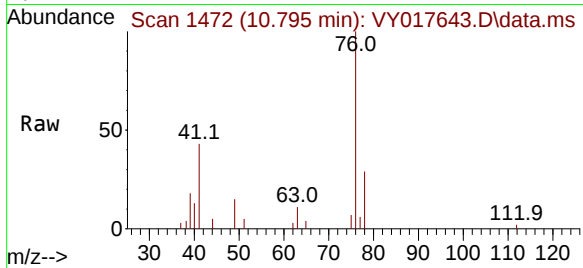




#57
1,3-Dichloropropane
Concen: 2.143 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

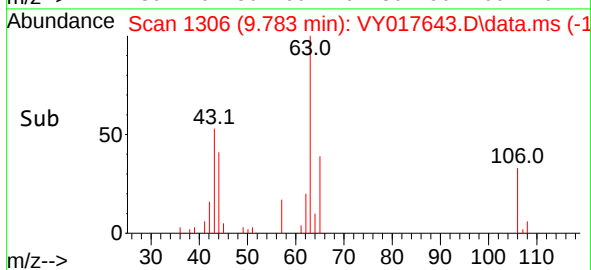
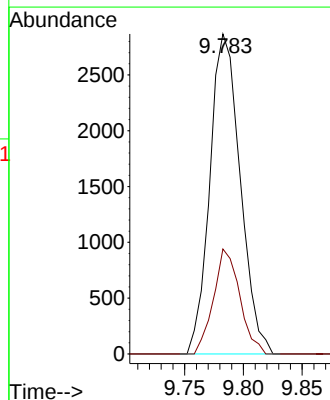
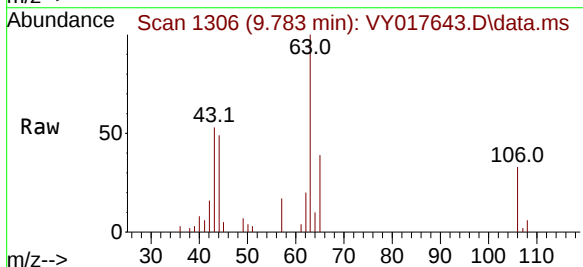
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

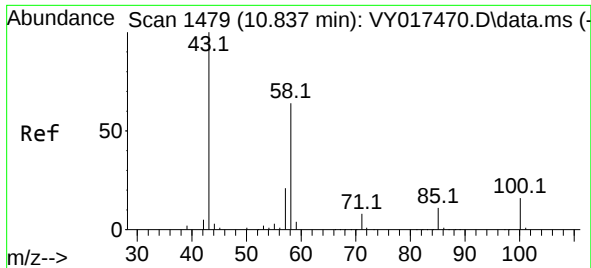
Tgt Ion	Ratio	Lower	Upper
76	100		
78	31.3	26.2	39.4



#58
2-Chloroethyl Vinyl ether
Concen: 6.876 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	23.7	35.5

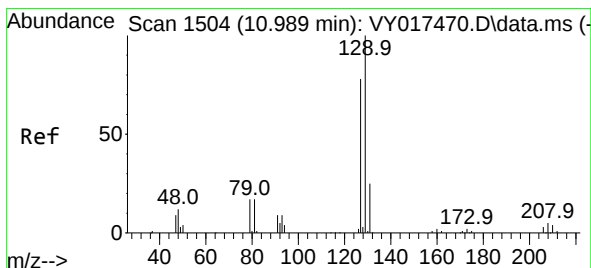
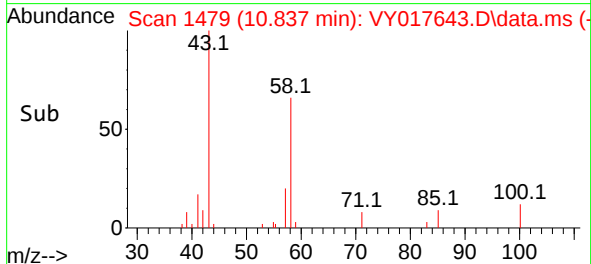
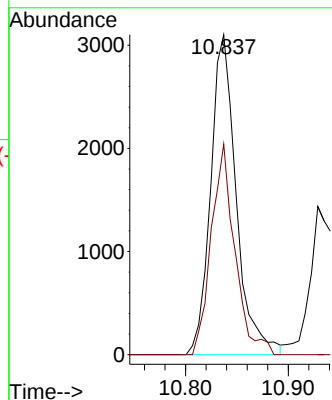
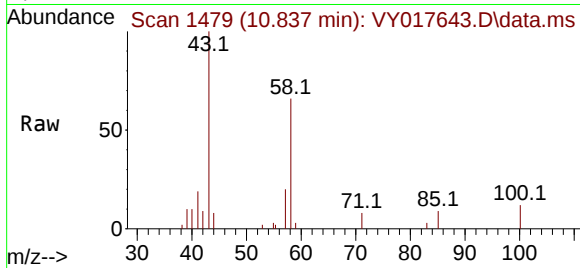




#59
2-Hexanone
Concen: 8.921 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

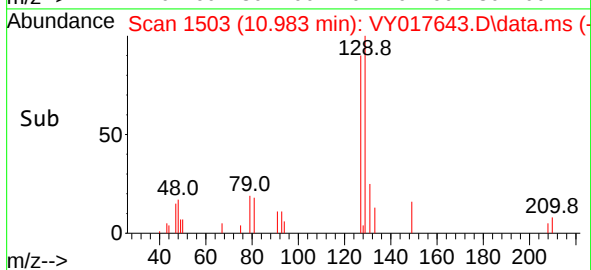
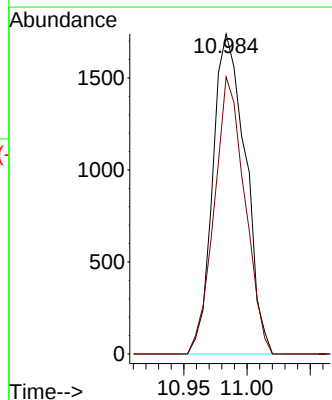
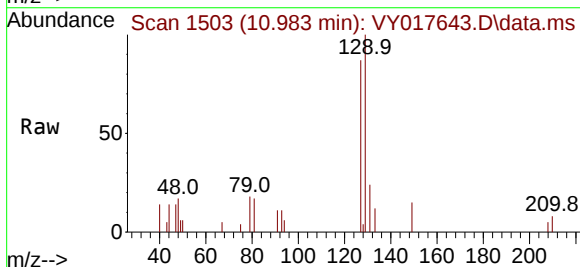
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

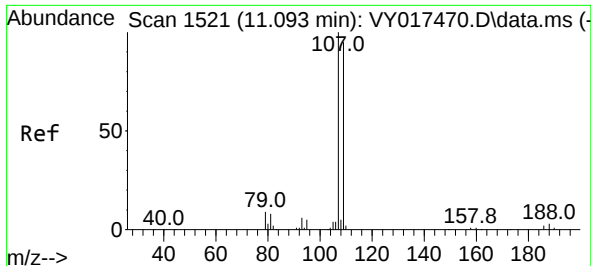
Tgt Ion: 43 Resp: 5358
Ion Ratio Lower Upper
43 100
58 60.9 31.4 94.0



#60
Dibromochloromethane
Concen: 2.028 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Tgt Ion: 129 Resp: 3113
Ion Ratio Lower Upper
129 100
127 81.3 39.0 117.0

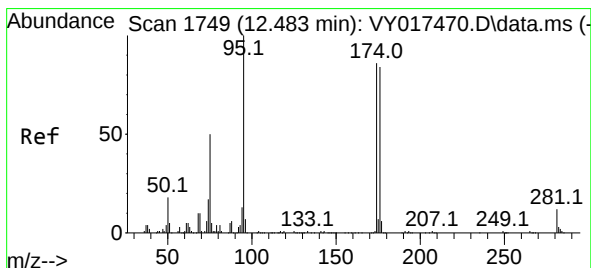
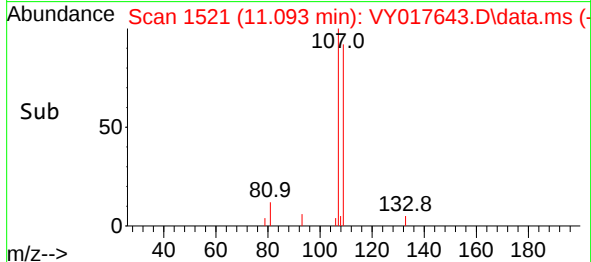
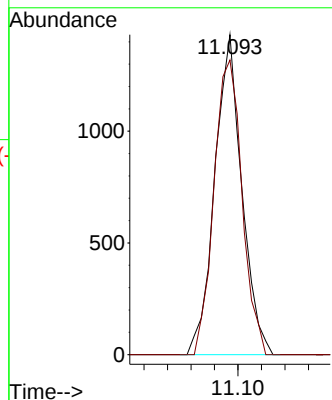
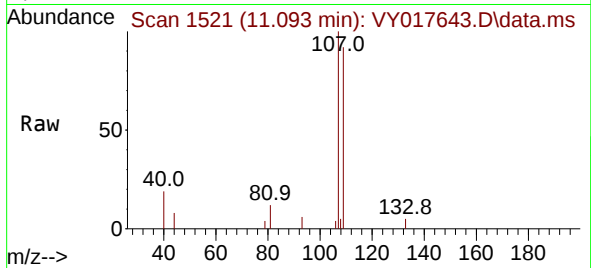




#61
1,2-Dibromoethane
Concen: 1.920 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

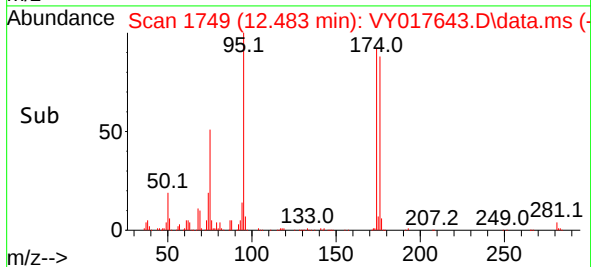
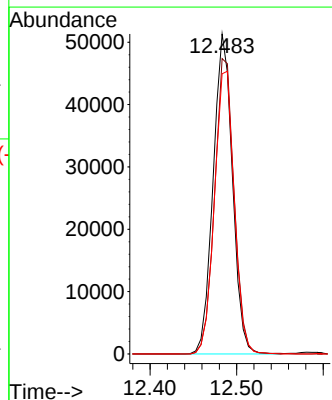
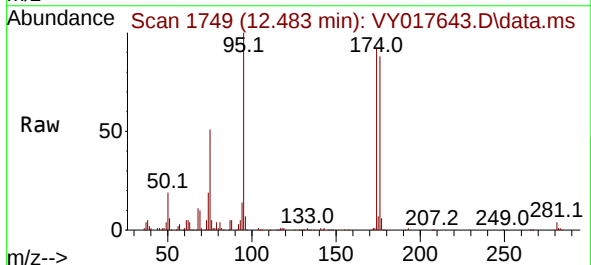
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

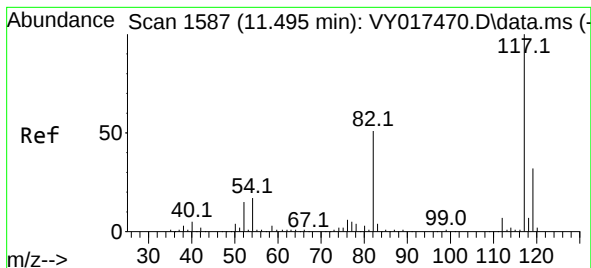
Tgt Ion:107 Resp: 2296
Ion Ratio Lower Upper
107 100
109 95.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 43.153 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Tgt Ion: 95 Resp: 79443
Ion Ratio Lower Upper
95 100
174 93.3 0.0 175.6
176 90.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

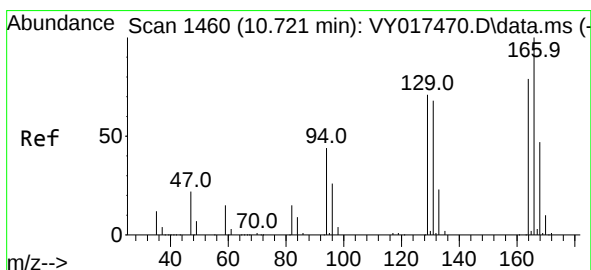
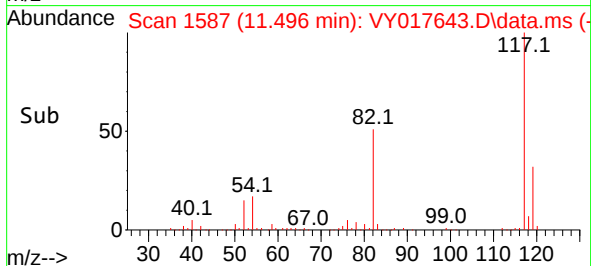
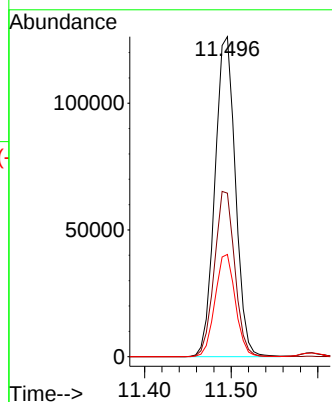
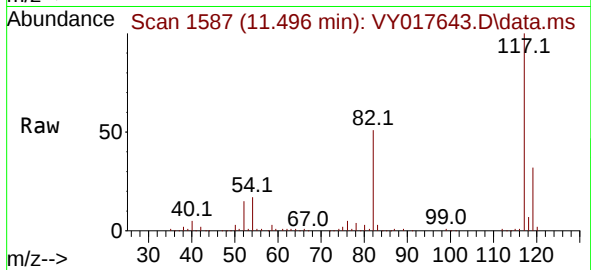
Tgt Ion:117 Resp: 207716

Ion Ratio Lower Upper

117 100

82 51.1 42.4 63.6

119 31.9 25.9 38.9



#64

Tetrachloroethene

Concen: 2.163 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Tgt Ion:164 Resp: 4313

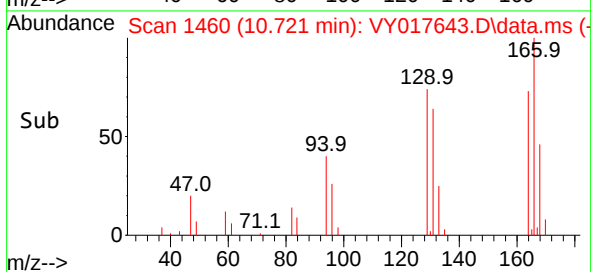
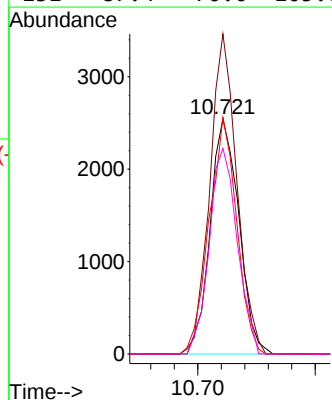
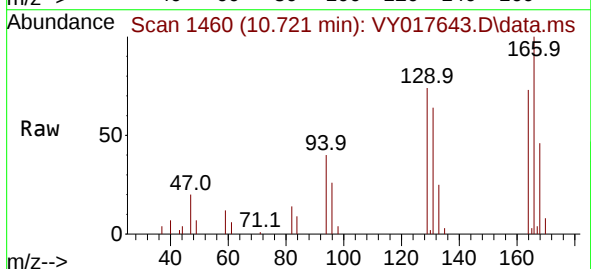
Ion Ratio Lower Upper

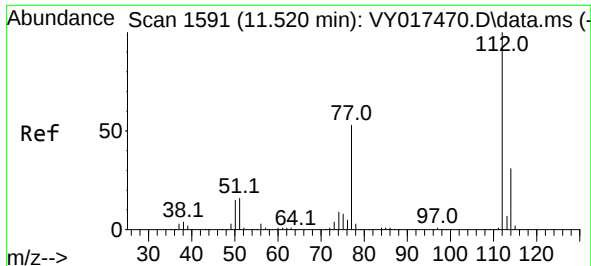
164 100

166 136.1 102.6 154.0

129 100.5 72.0 108.0

131 87.4 70.0 105.0

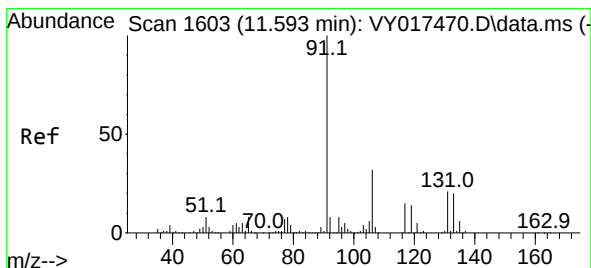
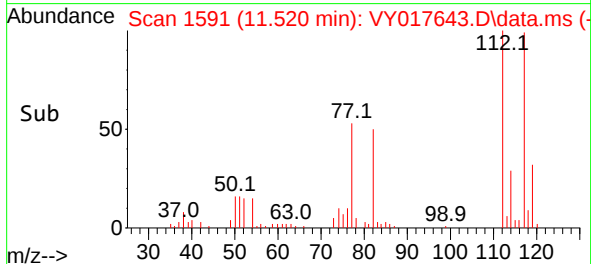
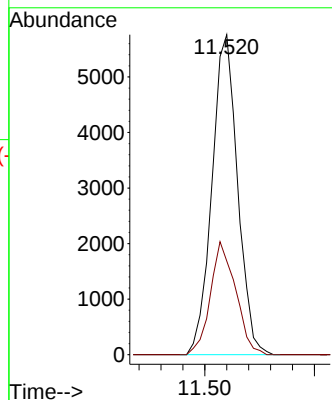
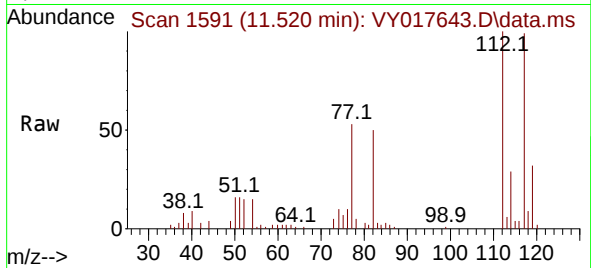




#65
Chlorobenzene
Concen: 2.122 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

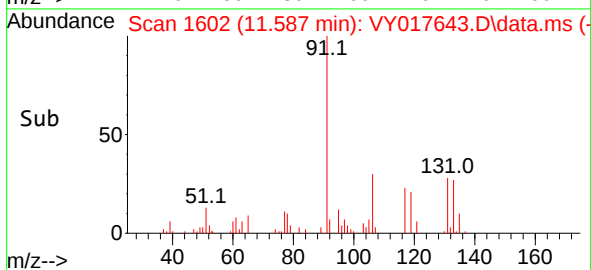
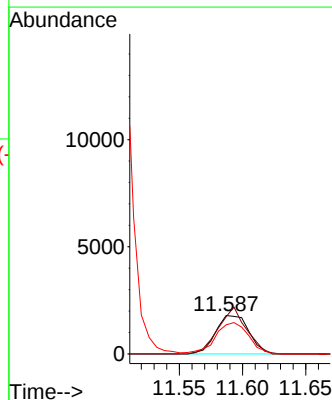
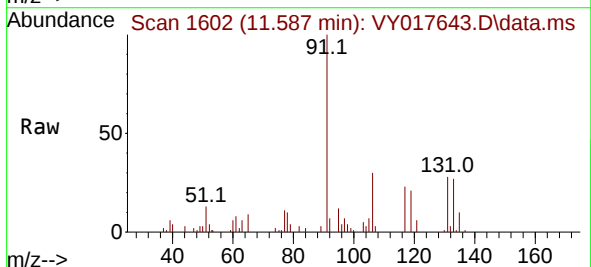
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

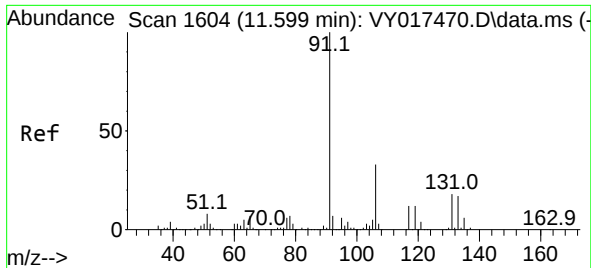
Tgt Ion:112 Resp: 9355
Ion Ratio Lower Upper
112 100
114 29.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 1.994 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Tgt Ion:131 Resp: 3293
Ion Ratio Lower Upper
131 100
133 103.0 47.8 143.3
119 80.9 34.1 102.2

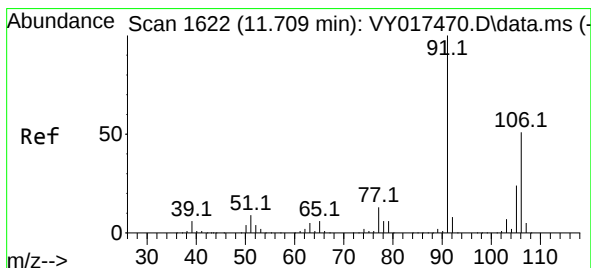
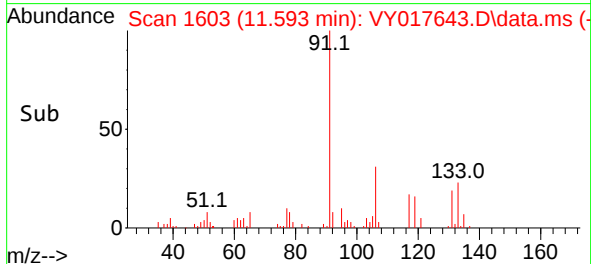
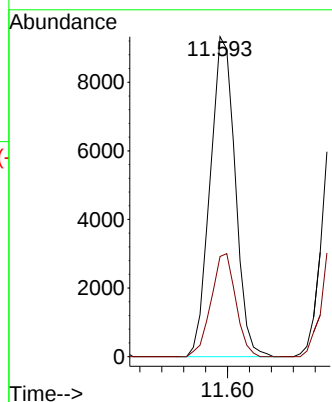
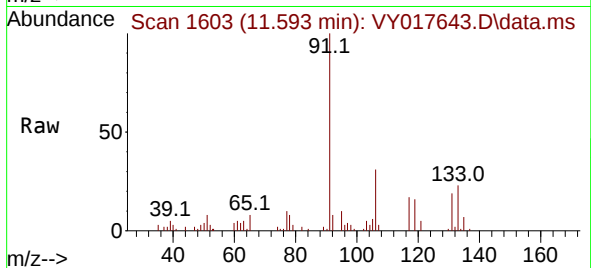




#67
Ethyl Benzene
Concen: 1.917 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

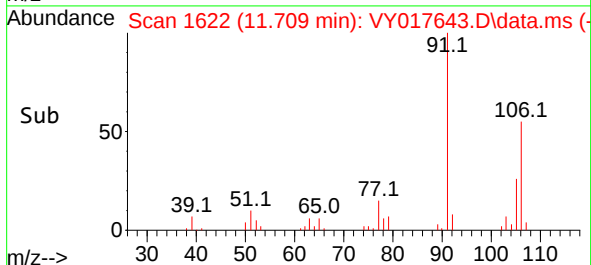
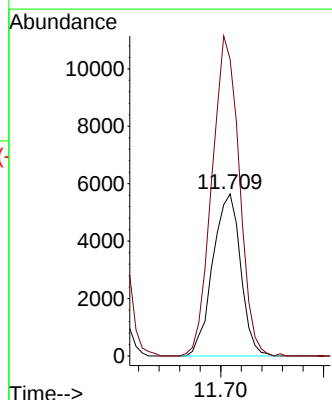
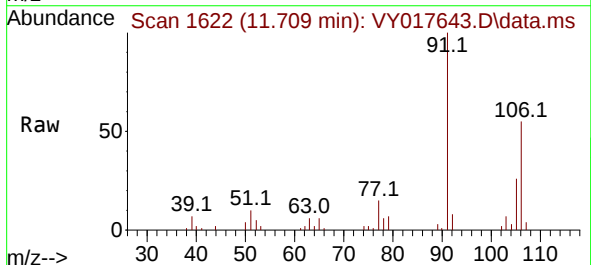
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

Tgt Ion: 91 Resp: 14824
Ion Ratio Lower Upper
91 100
106 31.3 24.5 36.7



#68
m/p-Xylenes
Concen: 3.492 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Tgt Ion:106 Resp: 10609
Ion Ratio Lower Upper
106 100
91 194.1 156.0 234.0

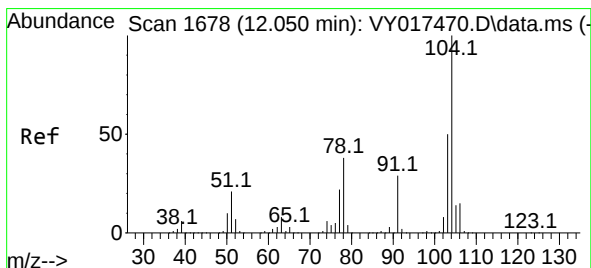
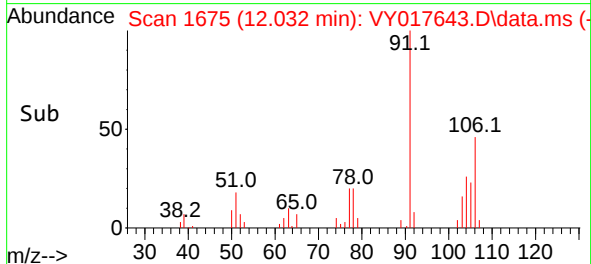
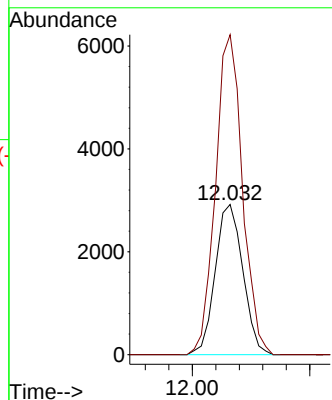
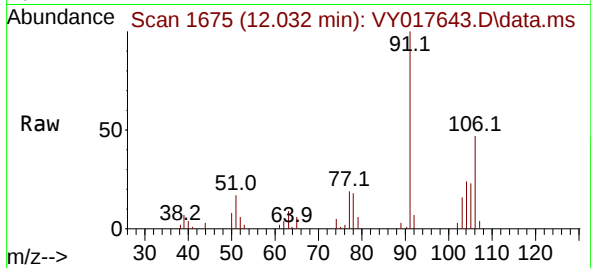




#69
o-Xylene
Concen: 1.687 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

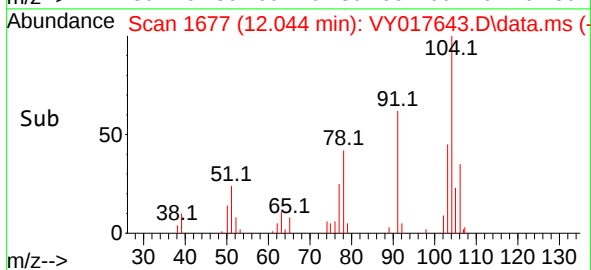
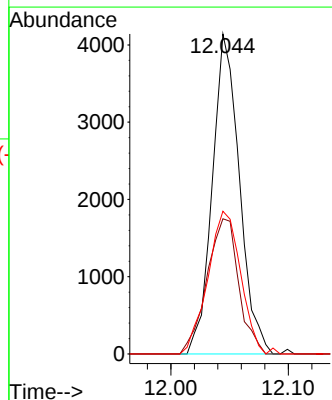
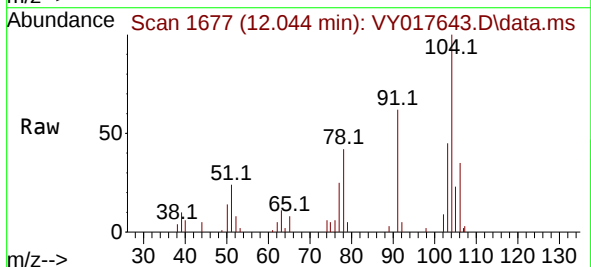
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

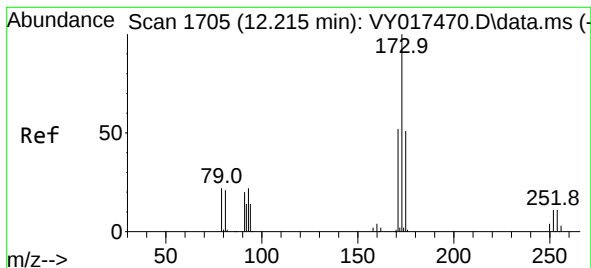
Tgt Ion:106 Resp: 4756
Ion Ratio Lower Upper
106 100
91 208.2 103.6 310.8



#70
Styrene
Concen: 1.420 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Tgt Ion:104 Resp: 6645
Ion Ratio Lower Upper
104 100
78 49.6 37.0 55.4
103 54.0 44.2 66.2





#71

Bromoform

Concen: 1.926 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

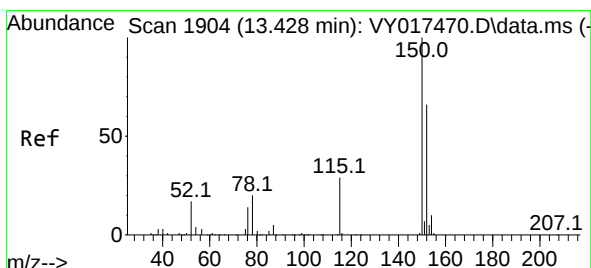
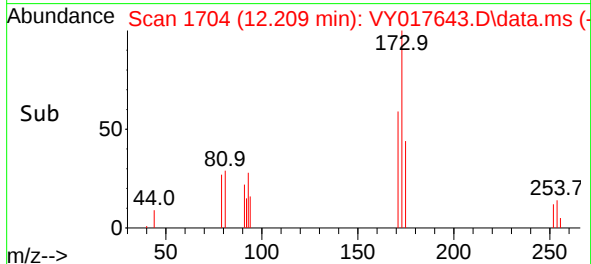
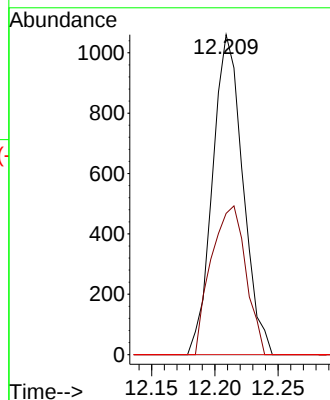
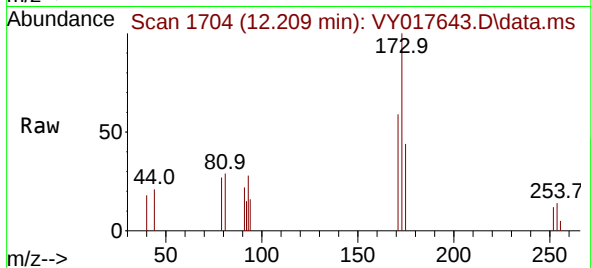
Tgt Ion:173 Resp: 1763

Ion Ratio Lower Upper

173 100

175 53.1 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 16:20

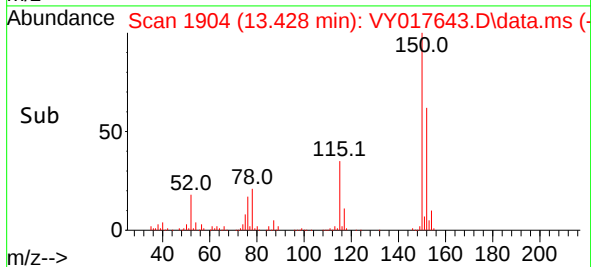
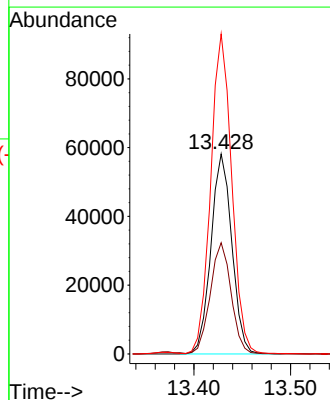
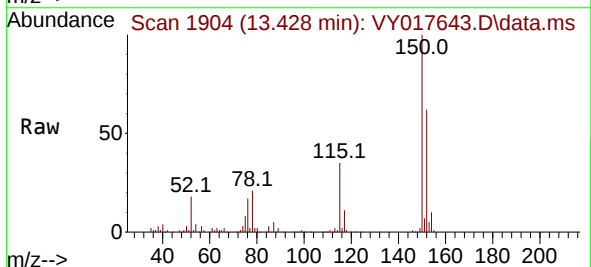
Tgt Ion:152 Resp: 87407

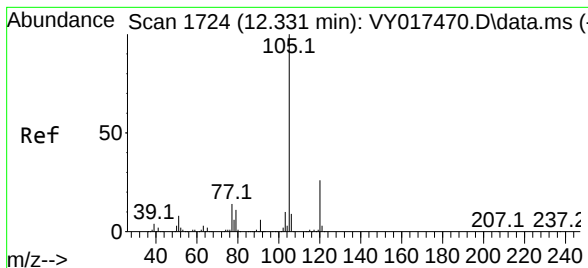
Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 161.2 0.0 345.6





#73

Isopropylbenzene

Concen: 1.900 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

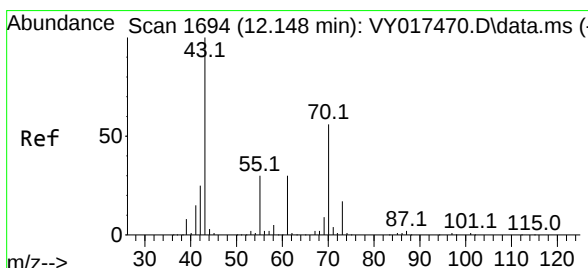
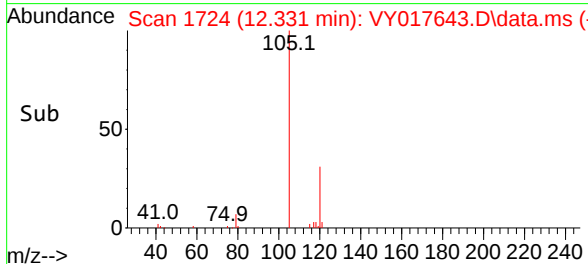
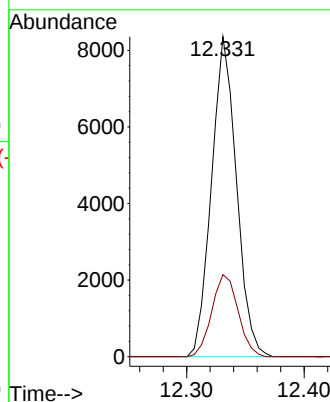
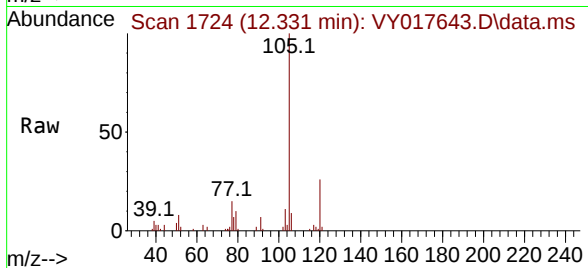
MDL05

Tgt Ion:105 Resp: 12337

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.1



#74

N-ethyl acetate

Concen: 1.756 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Tgt Ion: 43 Resp: 2011

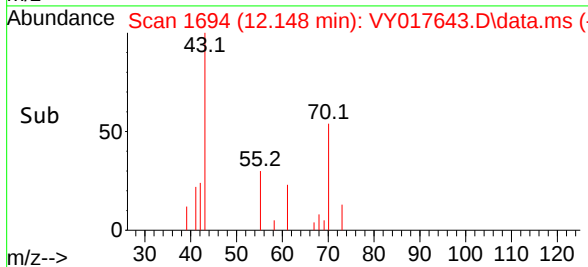
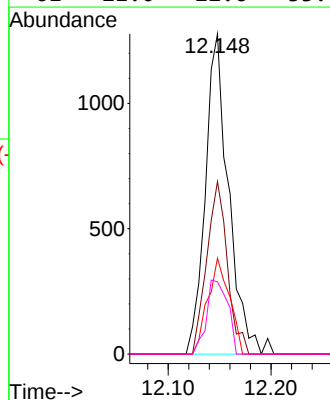
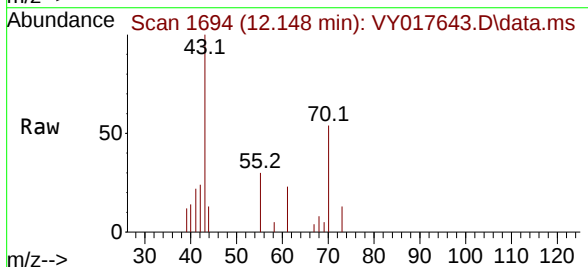
Ion Ratio Lower Upper

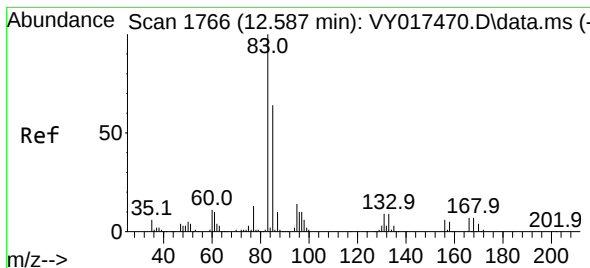
43 100

70 47.7 41.4 62.2

55 27.8 23.3 34.9

61 21.0 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 2.497 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

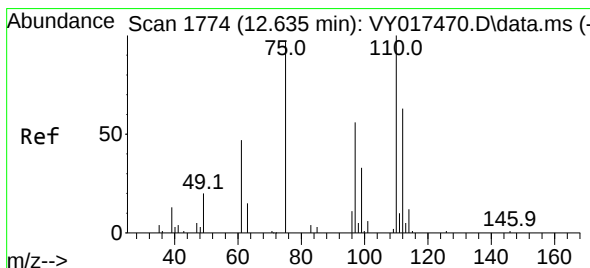
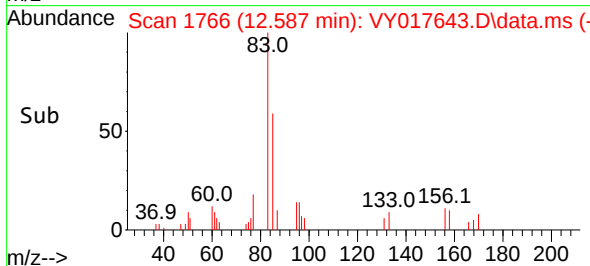
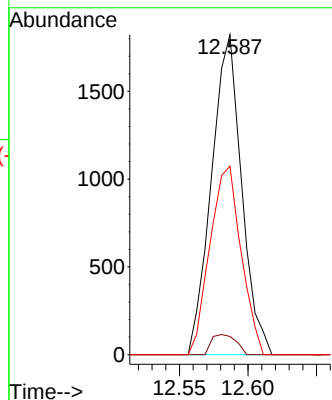
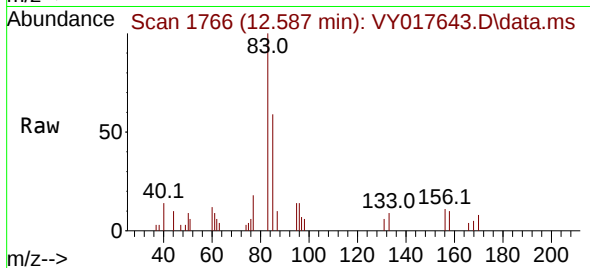
Tgt Ion: 83 Resp: 2785

Ion Ratio Lower Upper

83 100

131 5.1 5.0 14.9

85 60.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 4.082 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017643.D

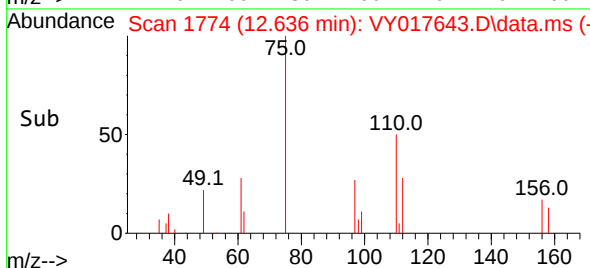
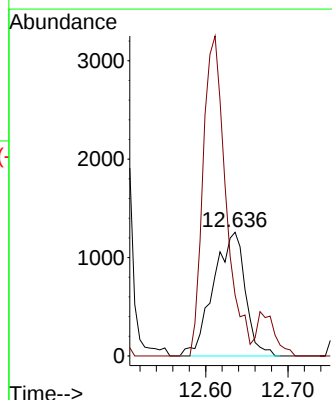
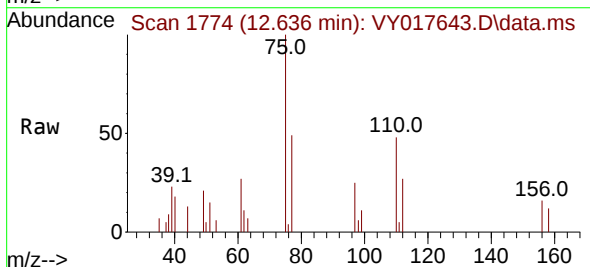
Acq: 12 Mar 2024 16:20

Tgt Ion: 75 Resp: 3390

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.163 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

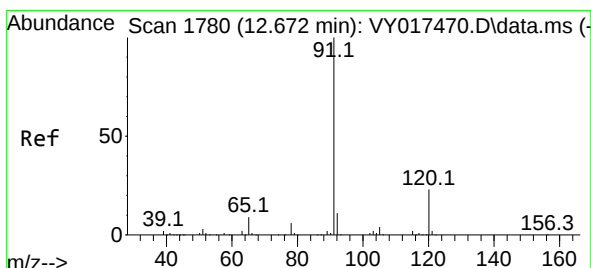
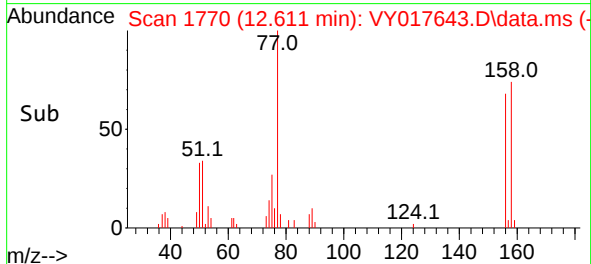
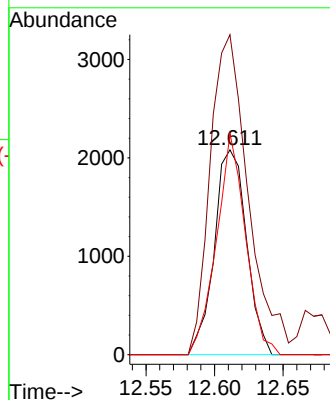
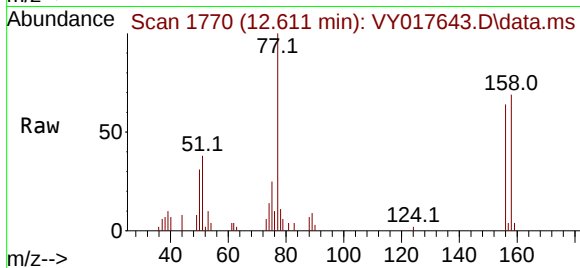
Tgt Ion:156 Resp: 3401

Ion Ratio Lower Upper

156 100

77 184.7 87.1 261.3

158 97.5 48.6 145.9



#78

n-propylbenzene

Concen: 2.112 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017643.D

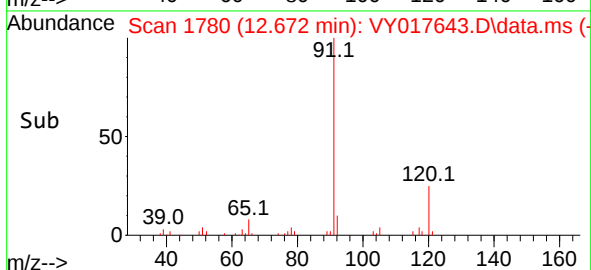
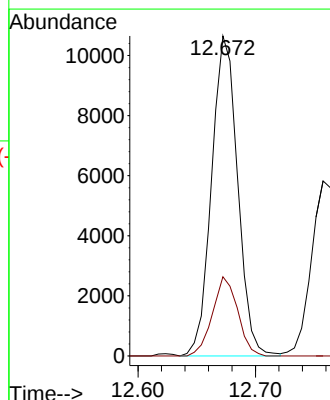
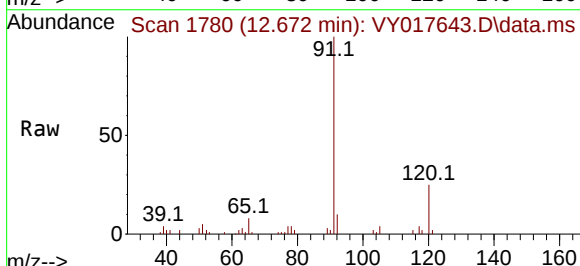
Acq: 12 Mar 2024 16:20

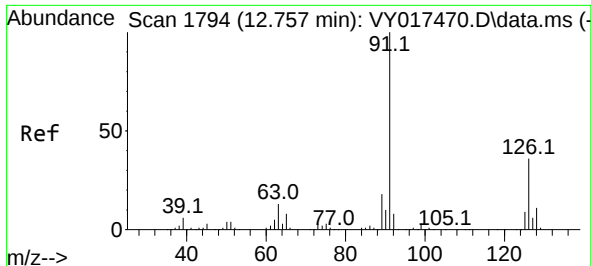
Tgt Ion: 91 Resp: 16454

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.118 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

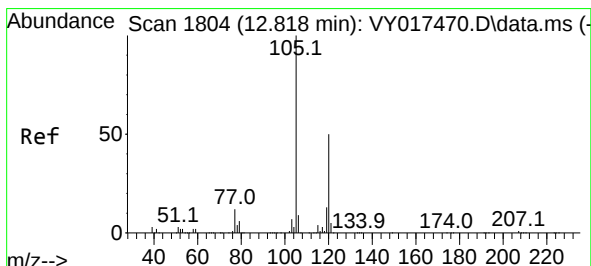
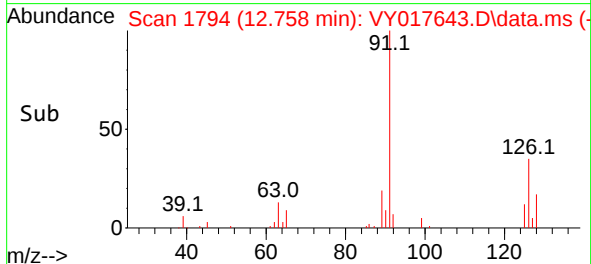
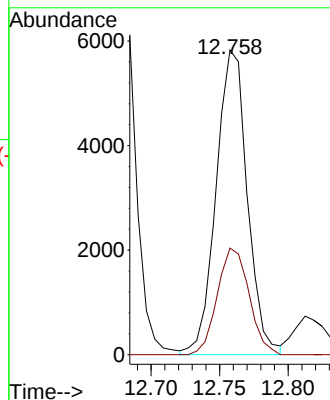
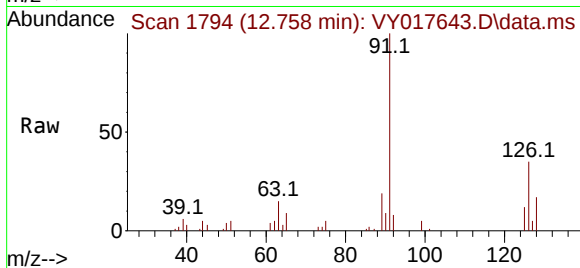
MDL05

Tgt Ion: 91 Resp: 9240

Ion Ratio Lower Upper

91 100

126 35.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 1.902 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.006 min

Lab File: VY017643.D

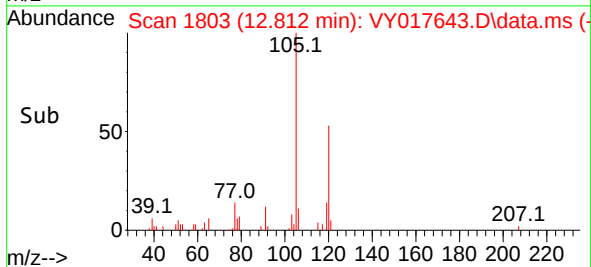
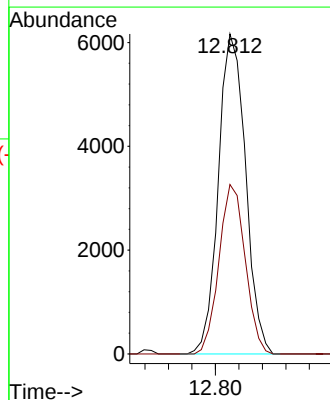
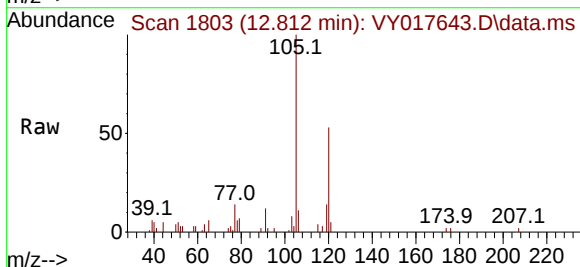
Acq: 12 Mar 2024 16:20

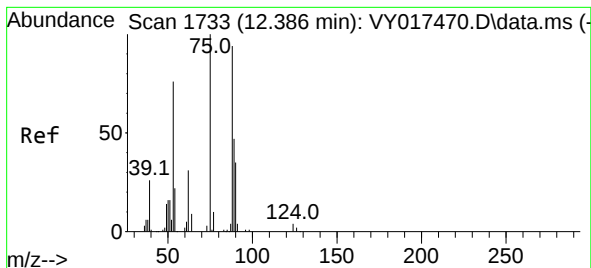
Tgt Ion:105 Resp: 9895

Ion Ratio Lower Upper

105 100

120 51.1 25.1 75.2

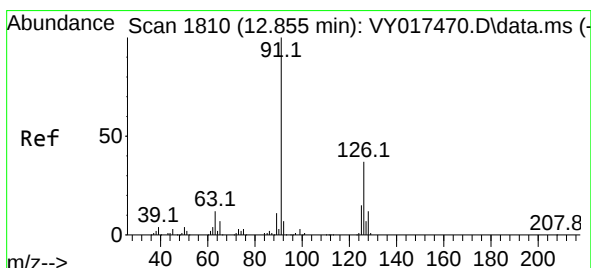
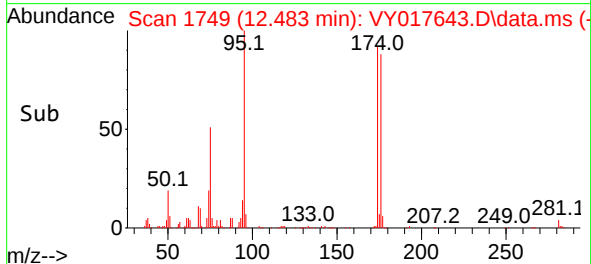
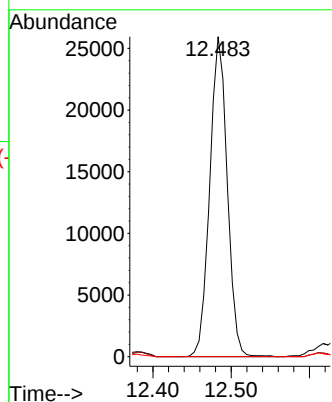
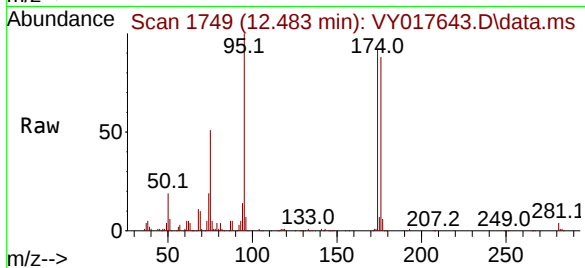




#81
trans-1,4-Dichloro-2-butene
Concen: 111.162 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

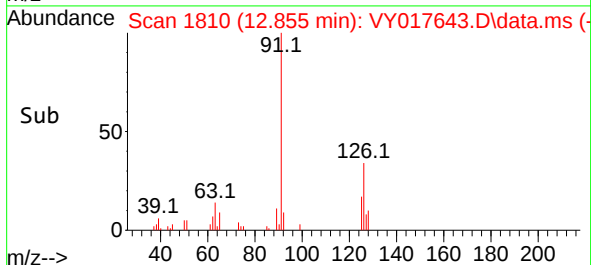
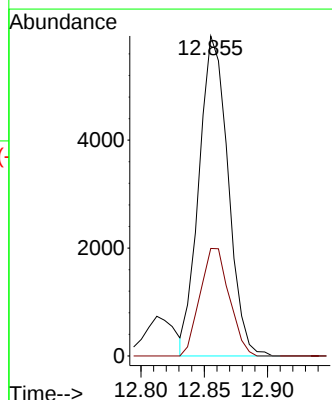
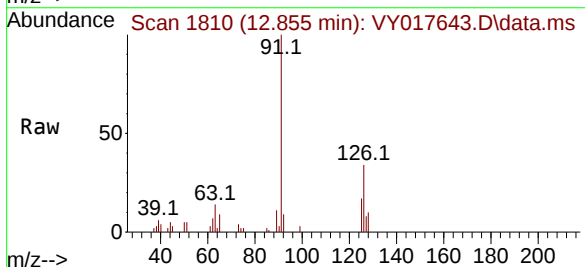
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

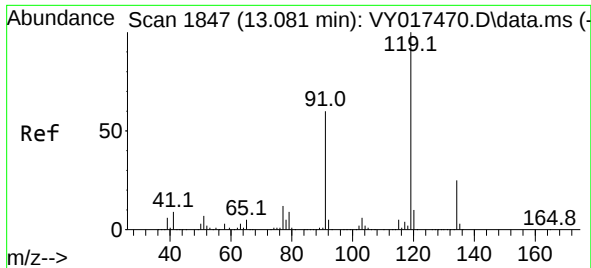
Tgt Ion: 75 Resp: 40178
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 2.128 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Tgt Ion: 91 Resp: 9496
Ion Ratio Lower Upper
91 100
126 33.8 17.6 52.9

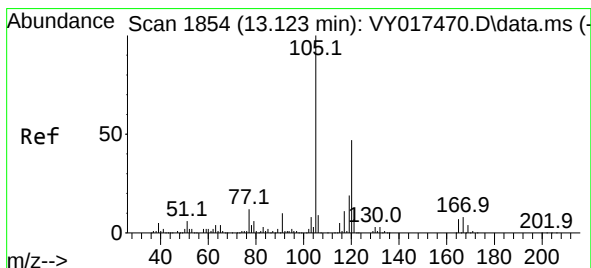
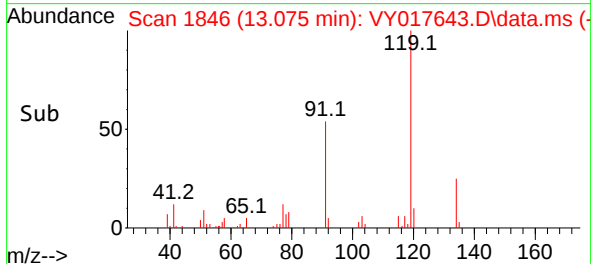
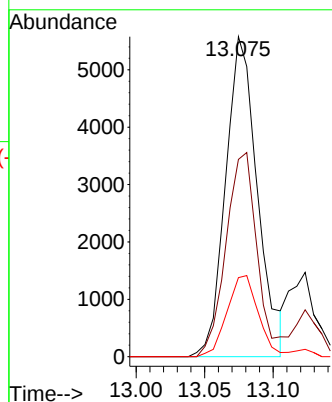
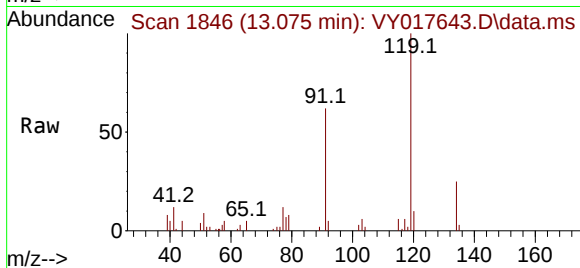




#83
tert-Butylbenzene
Concen: 1.975 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

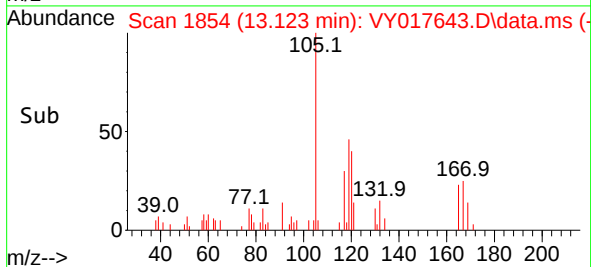
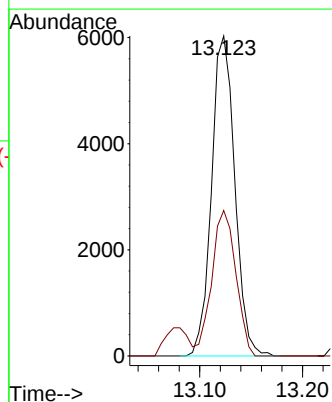
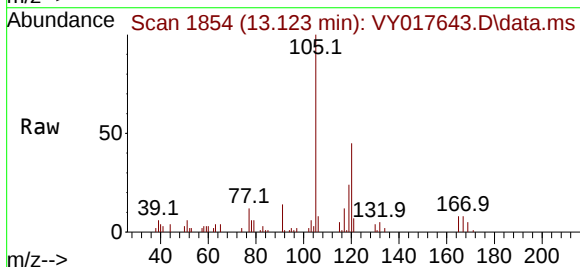
Instrument :
MSVOA_Y
ClientSampleId :
MDL05

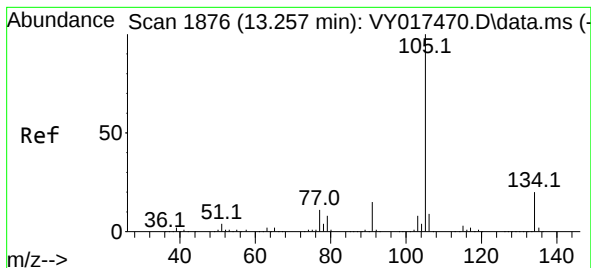
Tgt Ion:	119	Resp:	9022
Ion	Ratio	Lower	Upper
119	100		
91	63.8	31.3	93.8
134	25.1	13.4	40.1



#84
1,2,4-Trimethylbenzene
Concen: 1.846 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY017643.D
Acq: 12 Mar 2024 16:20

Tgt Ion:	105	Resp:	9484
Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.2	69.6





#85

sec-Butylbenzene

Concen: 1.848 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

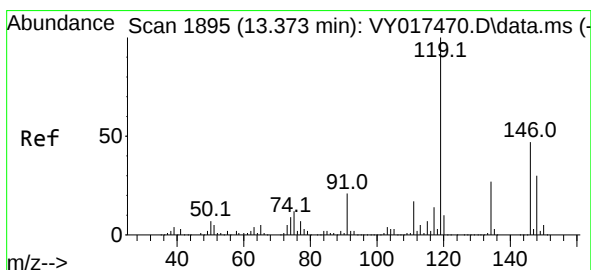
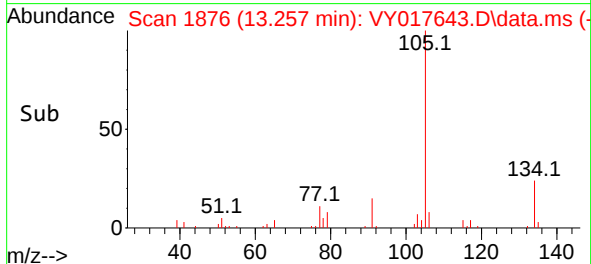
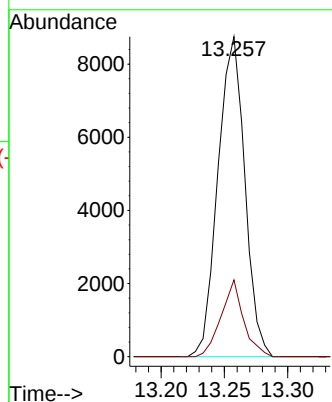
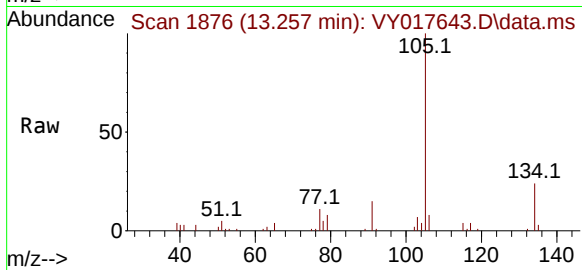
MDL05

Tgt Ion:105 Resp: 12906

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 1.724 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

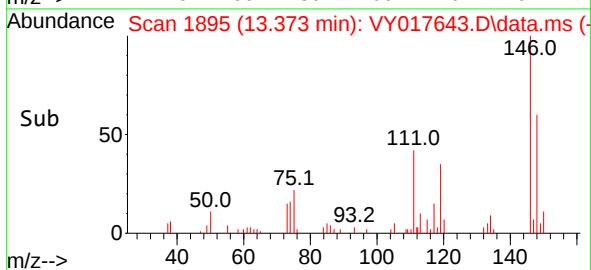
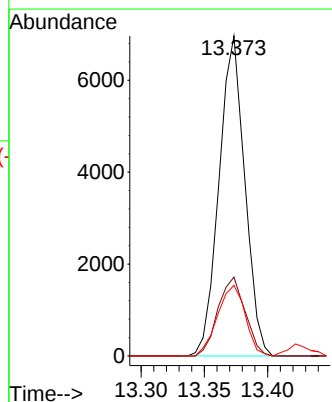
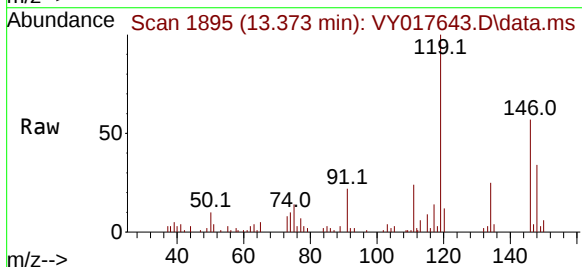
Tgt Ion:119 Resp: 9857

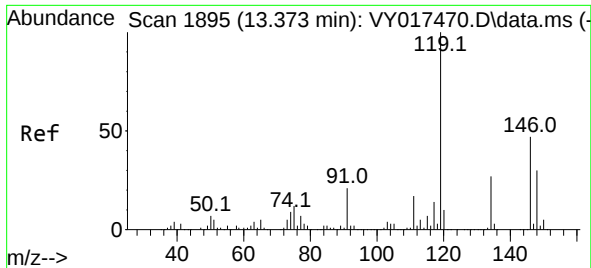
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

91 23.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 2.113 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

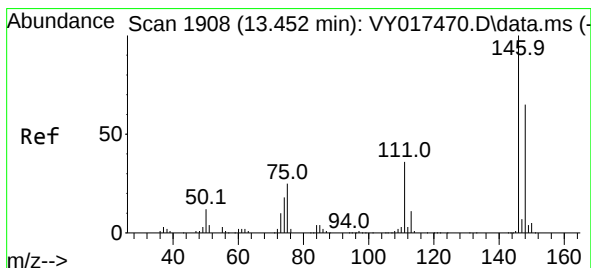
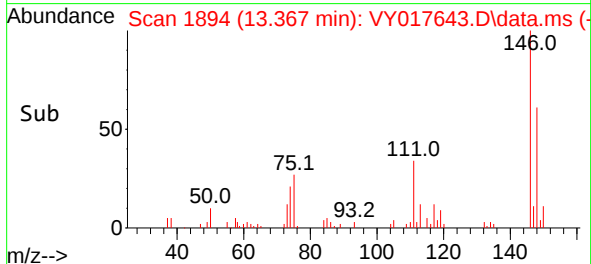
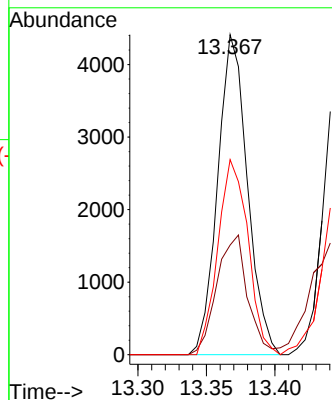
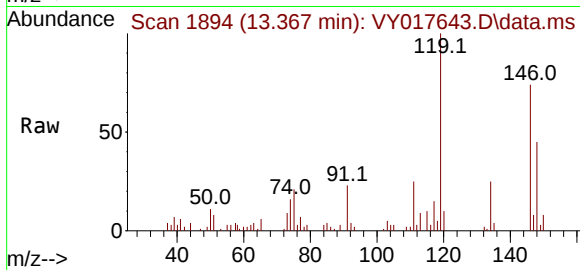
Tgt Ion:146 Resp: 6669

Ion Ratio Lower Upper

146 100

111 38.6 19.0 57.0

148 61.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 2.293 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

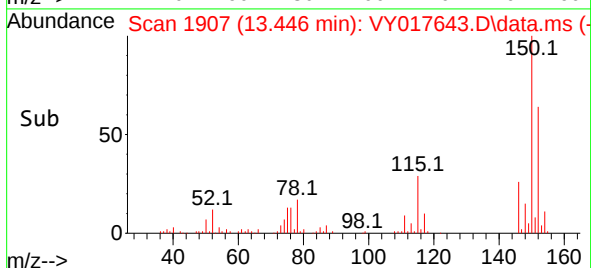
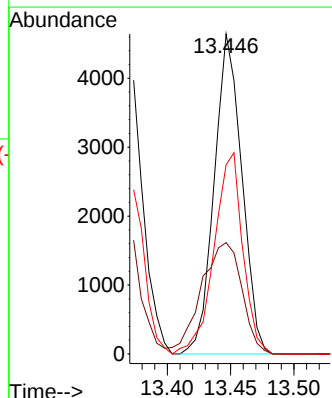
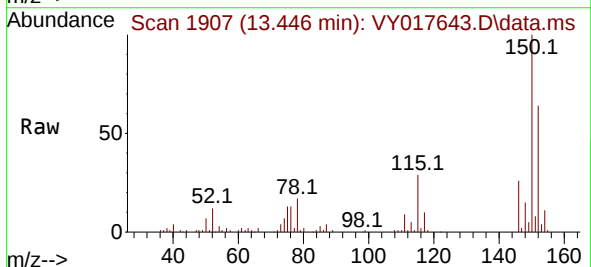
Tgt Ion:146 Resp: 7036

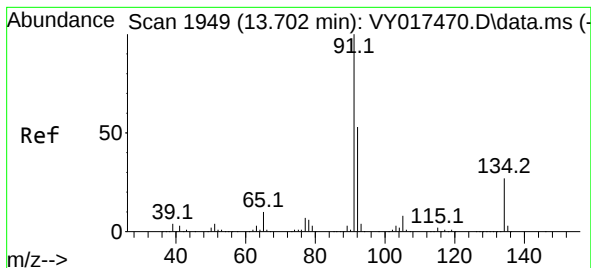
Ion Ratio Lower Upper

146 100

111 51.3 18.4 55.4

148 65.4 32.4 97.2





#89

n-Butylbenzene

Concen: 1.960 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

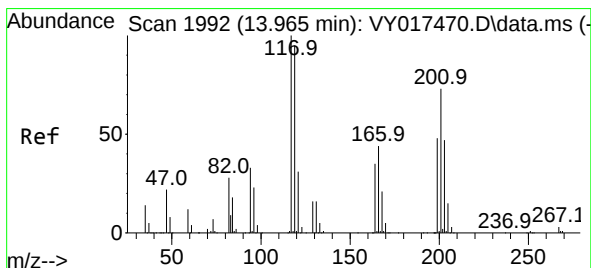
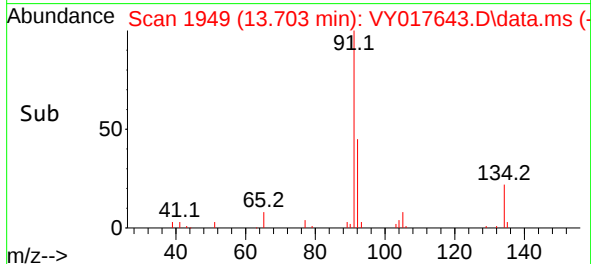
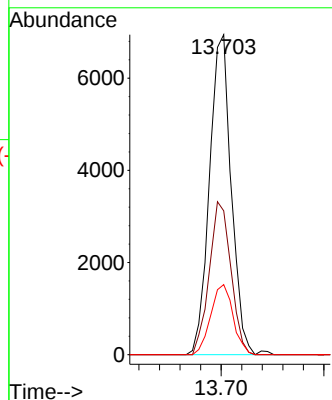
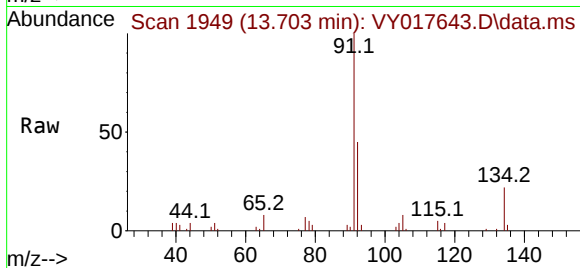
Instrument :

MSVOA_Y

ClientSampleId :

MDL05

Tgt Ion:	91	Resp:	10226
Ion	Ratio	Lower	Upper
91	100		
92	47.6	26.6	79.7
134	22.5	12.9	38.7



#90

Hexachloroethane

Concen: 2.355 ug/l

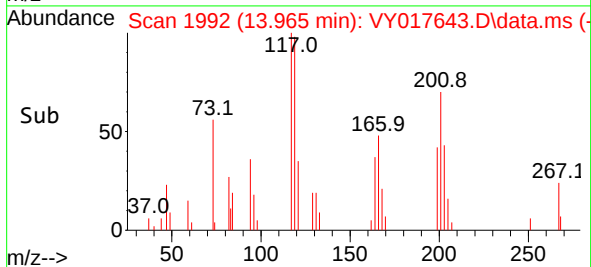
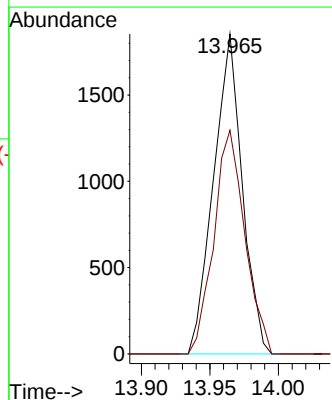
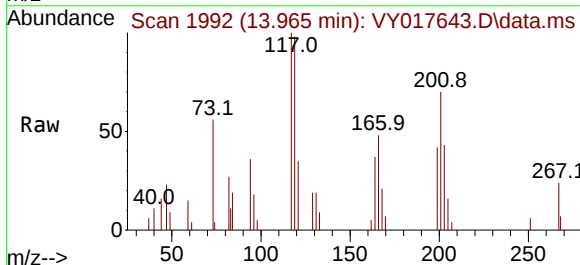
RT: 13.965 min Scan# 1992

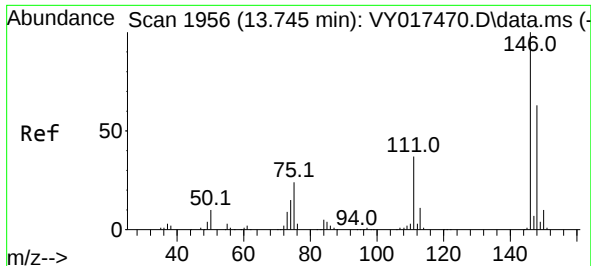
Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Tgt Ion:	117	Resp:	2700
Ion	Ratio	Lower	Upper
117	100		
201	75.4	37.4	112.2





#91

1,2-Dichlorobenzene

Concen: 2.074 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

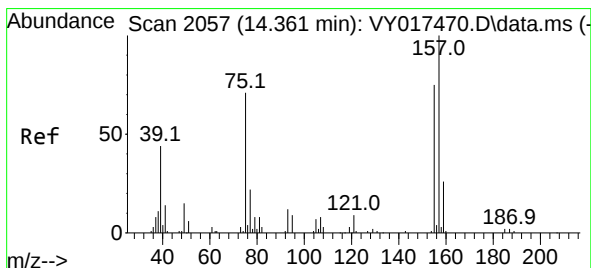
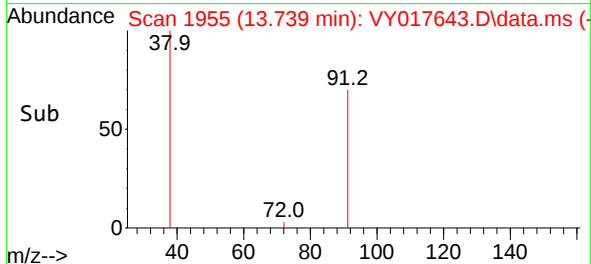
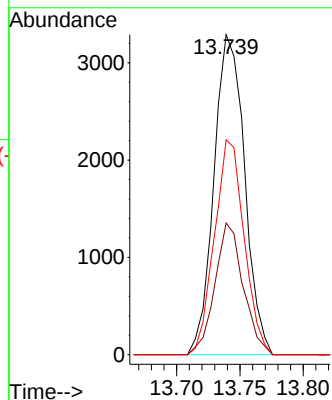
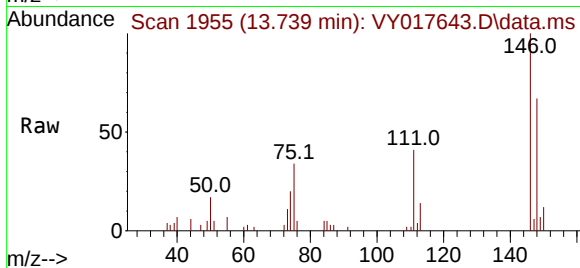
Tgt Ion:146 Resp: 5538

Ion Ratio Lower Upper

146 100

111 38.1 19.9 59.7

148 65.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.201 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

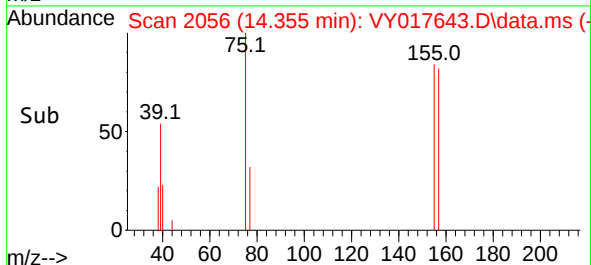
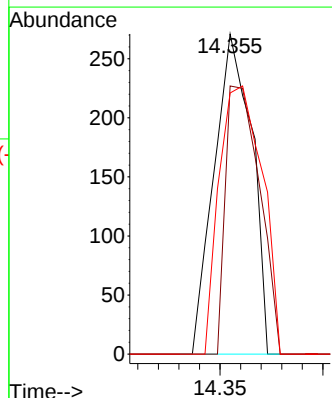
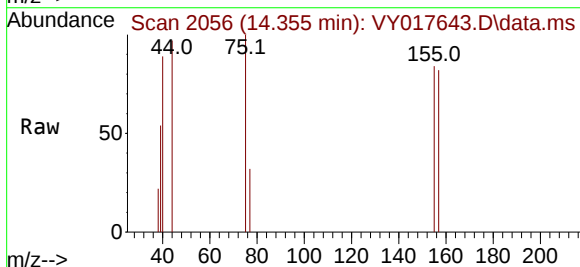
Tgt Ion: 75 Resp: 345

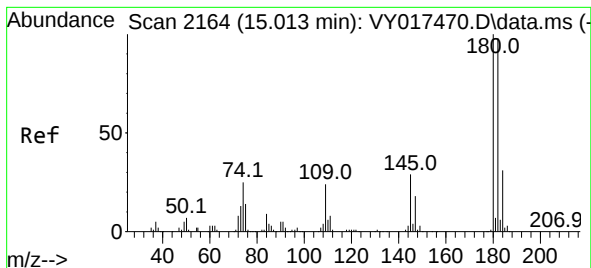
Ion Ratio Lower Upper

75 100

155 75.9 48.6 145.8

157 95.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 1.793 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

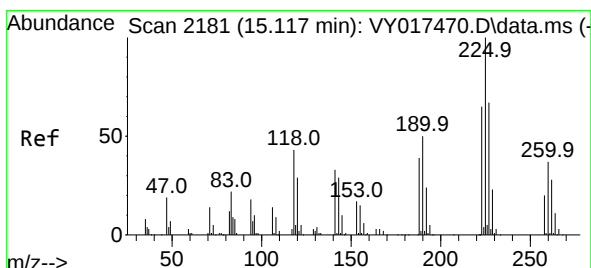
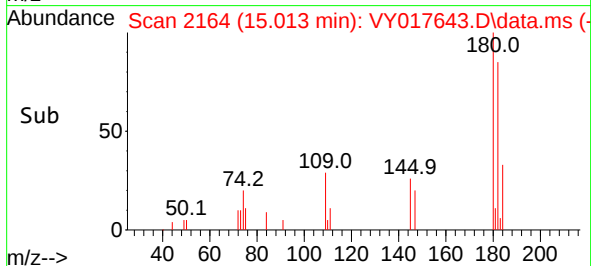
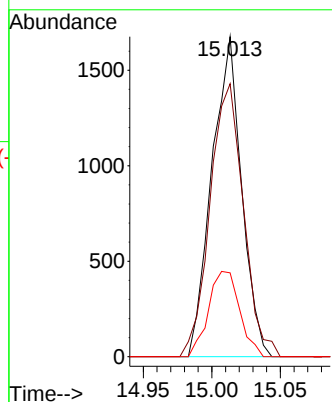
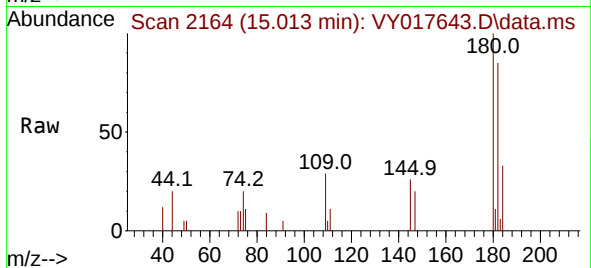
Tgt Ion:180 Resp: 2528

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.8

145 28.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 2.057 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

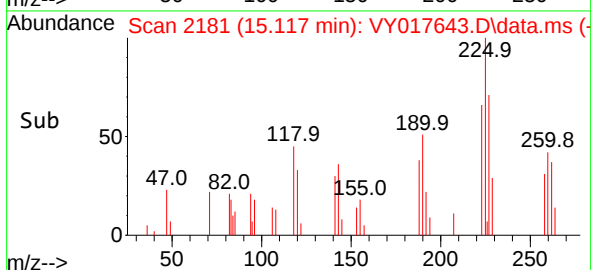
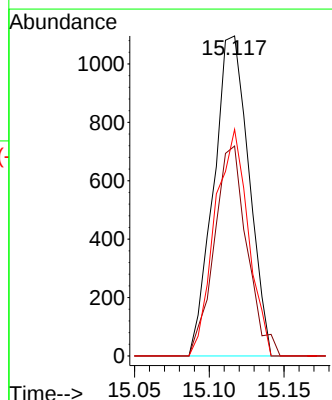
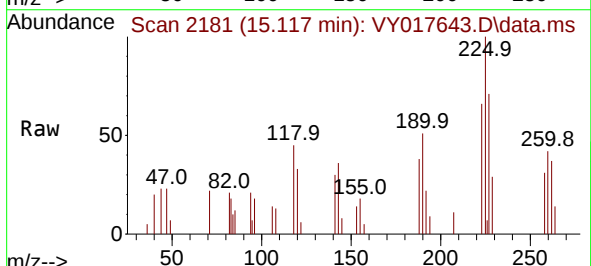
Tgt Ion:225 Resp: 1791

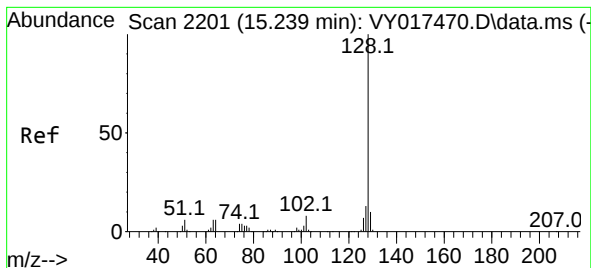
Ion Ratio Lower Upper

225 100

223 61.3 30.4 91.2

227 67.1 31.9 95.9





#95

Naphthalene

Concen: 5.029 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

MDL05

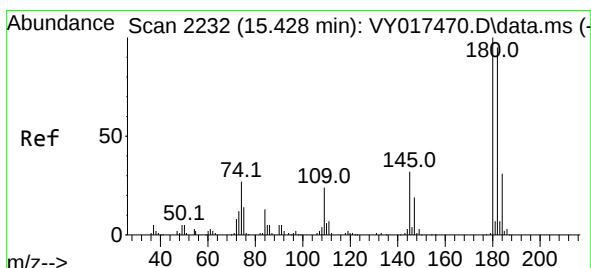
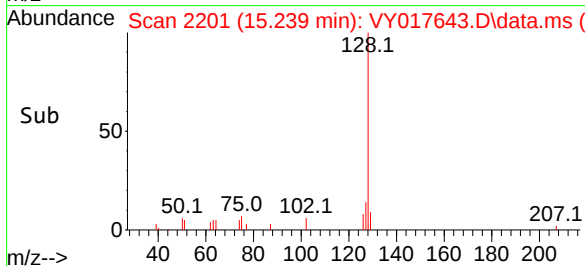
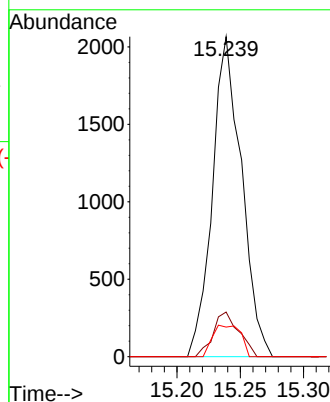
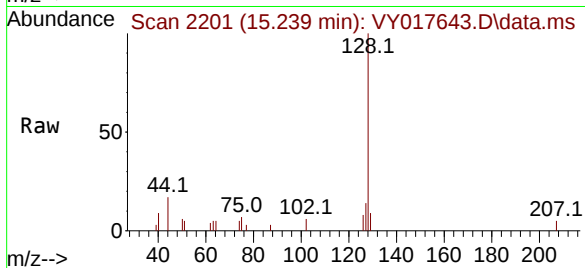
Tgt Ion:128 Resp: 3305

Ion Ratio Lower Upper

128 100

127 12.3 10.6 16.0

129 9.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.777 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017643.D

Acq: 12 Mar 2024 16:20

Tgt Ion:180 Resp: 2150

Ion Ratio Lower Upper

180 100

182 94.3 47.6 142.9

145 33.7 15.4 46.1

