

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017710.D
 Acq On : 19 Mar 2024 15:25
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL03

Quant Time: Mar 20 11:29:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 11:25:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	129426	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	211809	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	183550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	80281	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	55036	44.868	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.740%
35) Dibromofluoromethane	7.734	113	65352	44.278	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.560%
50) Toluene-d8	10.191	98	244237	47.328	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.660%
62) 4-Bromofluorobenzene	12.489	95	68071	41.972	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.940%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	2071	2.169	ug/l	93
3) Chloromethane	2.119	50	3270	1.875	ug/l	94
4) Vinyl Chloride	2.259	62	4558	2.037	ug/l	92
5) Bromomethane	2.668	94	4337	2.378	ug/l	98
6) Chloroethane	2.802	64	3276	2.321	ug/l	96
7) Trichlorofluoromethane	3.137	101	5199	2.279	ug/l	97
8) Diethyl Ether	3.546	74	1524	2.278	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.924	101	3603	2.746	ug/l	95
10) Methyl Iodide	4.113	142	2707	1.839	ug/l	93
11) Tert butyl alcohol	4.966	59	2148	20.616	ug/l #	88
12) 1,1-Dichloroethene	3.887	96	2661	2.176	ug/l	85
13) Acrolein	3.741	56	1257	9.143	ug/l	89
14) Allyl chloride	4.497	41	3154	2.135	ug/l	96
15) Acrylonitrile	5.186	53	3092	11.244	ug/l	99
16) Acetone	3.966	43	4110	17.275	ug/l #	78
17) Carbon Disulfide	4.210	76	5342	1.456	ug/l	99
18) Methyl Acetate	4.497	43	2201	3.813	ug/l	90
19) Methyl tert-butyl Ether	5.228	73	6303	2.212	ug/l	97
20) Methylene Chloride	4.735	84	10470	2.260	ug/l	95
21) trans-1,2-Dichloroethene	5.241	96	3041	2.124	ug/l	97
22) Diisopropyl ether	6.137	45	7135	2.093	ug/l	94
23) Vinyl Acetate	6.076	43	16263	8.006	ug/l	99
24) 1,1-Dichloroethane	6.045	63	5847	2.511	ug/l #	88
25) 2-Butanone	7.009	43	3832	11.302	ug/l #	88
26) 2,2-Dichloropropane	7.002	77	5602	2.861	ug/l	95
27) cis-1,2-Dichloroethene	7.002	96	3816	2.374	ug/l	93
28) Bromochloromethane	7.350	49	1932	2.106	ug/l #	84
29) Tetrahydrofuran	7.380	42	1866	9.130	ug/l	92
30) Chloroform	7.527	83	6685	2.696	ug/l	88
31) Cyclohexane	7.801	56	5816	2.914	ug/l #	51
32) 1,1,1-Trichloroethane	7.722	97	5708	2.651	ug/l	98
36) 1,1-Dichloropropene	7.935	75	4195	2.107	ug/l	98
37) Ethyl Acetate	7.100	43	1667	2.119	ug/l #	85
38) Carbon Tetrachloride	7.911	117	5018	2.514	ug/l	90
39) Methylcyclohexane	9.197	83	4509	1.884	ug/l #	88
40) Benzene	8.179	78	13644	2.307	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017710.D
 Acq On : 19 Mar 2024 15:25
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL03

Quant Time: Mar 20 11:29:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 11:25:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	1920	4.865	ug/l #	28
42) 1,2-Dichloroethane	8.246	62	3516	2.437	ug/l	97
43) Isopropyl Acetate	8.289	43	2853	2.064	ug/l #	86
44) Trichloroethene	8.953	130	4122	2.418	ug/l	100
45) 1,2-Dichloropropane	9.228	63	3439	2.444	ug/l	91
46) Dibromomethane	9.313	93	1815	2.254	ug/l	93
47) Bromodichloromethane	9.508	83	4712	2.410	ug/l	98
48) Methyl methacrylate	9.307	41	1433	2.240	ug/l	96
49) 1,4-Dioxane	9.307	88	312	34.237	ug/l #	83
51) 4-Methyl-2-Pentanone	10.081	43	6542	8.493	ug/l	99
52) Toluene	10.258	92	8733	2.342	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	3749	2.066	ug/l	97
54) cis-1,3-Dichloropropene	9.947	75	4683	2.124	ug/l	94
55) 1,1,2-Trichloroethane	10.654	97	2697	2.359	ug/l	94
56) Ethyl methacrylate	10.520	69	1711	3.692	ug/l	97
57) 1,3-Dichloropropane	10.801	76	4168	2.242	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	4325	6.556	ug/l	98
59) 2-Hexanone	10.843	43	5136	9.707	ug/l	91
60) Dibromochloromethane	10.996	129	3364	2.487	ug/l	98
61) 1,2-Dibromoethane	11.099	107	2361	2.241	ug/l	96
64) Tetrachloroethene	10.733	164	4239	2.406	ug/l	99
65) Chlorobenzene	11.526	112	9786	2.512	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	3511	2.406	ug/l	92
67) Ethyl Benzene	11.605	91	14380	2.105	ug/l	96
68) m/p-Xylenes	11.709	106	10987	4.092	ug/l	98
69) o-Xylene	12.038	106	4943	1.985	ug/l	98
70) Styrene	12.056	104	6537	1.581	ug/l	93
71) Bromoform	12.215	173	1785	2.207	ug/l #	97
73) Isopropylbenzene	12.337	105	12876	2.159	ug/l	99
74) N-amyl acetate	12.154	43	1673	1.590	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.593	83	2677	2.614	ug/l	88
76) 1,2,3-Trichloropropane	12.642	75	3379	4.430	ug/l #	100
77) Bromobenzene	12.623	156	3973	2.751	ug/l	89
78) n-propylbenzene	12.684	91	16848	2.354	ug/l	97
79) 2-Chlorotoluene	12.764	91	9328	2.328	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	10078	2.109	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.489	75	33610	101.244	ug/l #	16
82) 4-Chlorotoluene	12.867	91	9731	2.374	ug/l	100
83) tert-Butylbenzene	13.087	119	9364	2.232	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	9602	2.035	ug/l	98
85) sec-Butylbenzene	13.264	105	13939	2.173	ug/l	100
86) p-Isopropyltoluene	13.379	119	10717	2.041	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	6929	2.390	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	7210	2.558	ug/l	92
89) n-Butylbenzene	13.709	91	10442	2.179	ug/l	95
90) Hexachloroethane	13.971	117	3022	2.870	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	5858	2.389	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	278	1.931	ug/l	94
93) 1,2,4-Trichlorobenzene	15.019	180	2611	2.016	ug/l	93
94) Hexachlorobutadiene	15.123	225	2045	2.557	ug/l	99
95) Naphthalene	15.251	128	3355	1.515	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	2379	2.141	ug/l	91

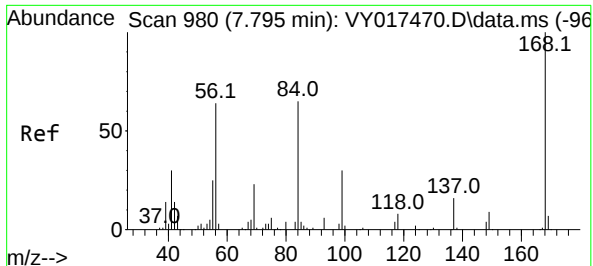
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
Data File : VY017710.D
Acq On : 19 Mar 2024 15:25
Operator : SY/MD
Sample : MDL03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MDL03

Quant Time: Mar 20 11:29:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 11:25:29 2024
Response via : Initial Calibration

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

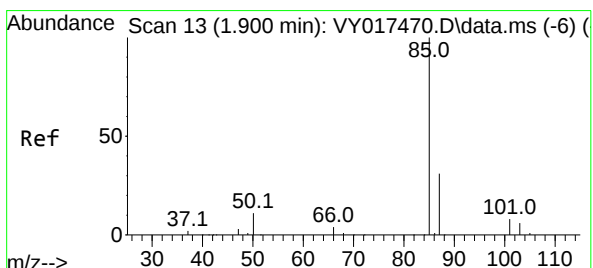
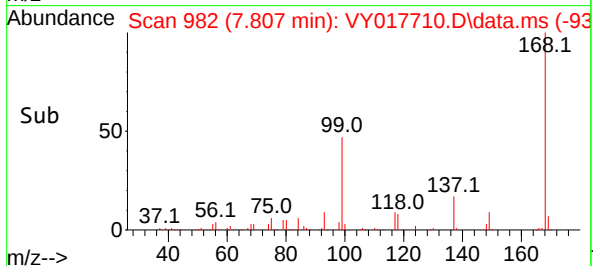
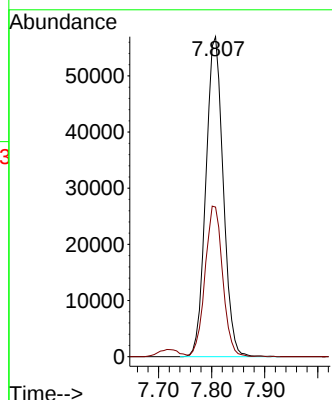
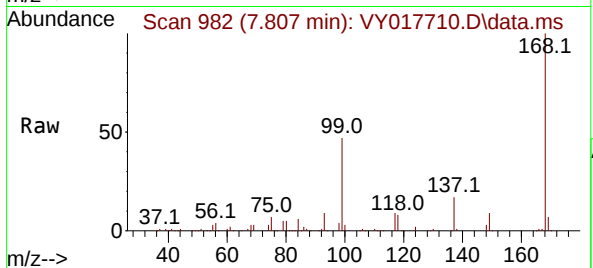
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

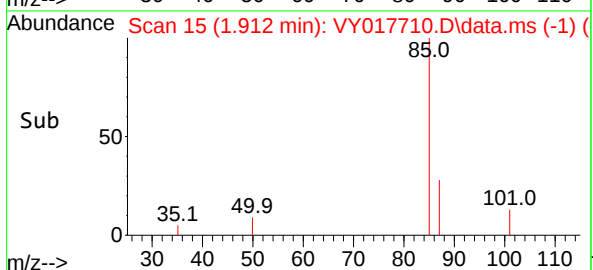
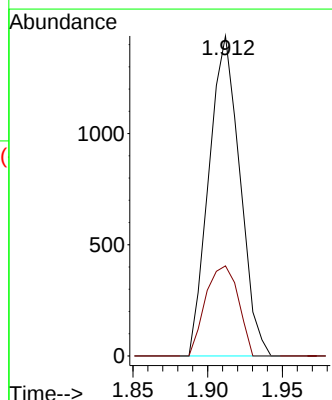
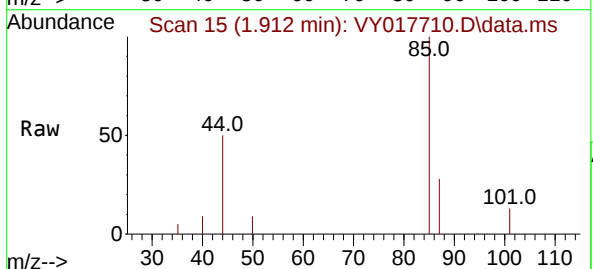
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

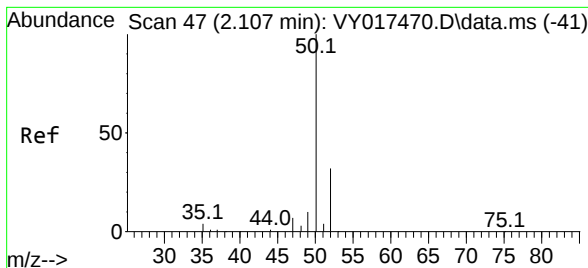
Tgt Ion:168 Resp: 129426
Ion Ratio Lower Upper
168 100
99 46.8 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 2.169 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

Tgt Ion: 85 Resp: 2071
Ion Ratio Lower Upper
85 100
87 28.1 16.0 48.0





#3

Chloromethane

Concen: 1.875 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

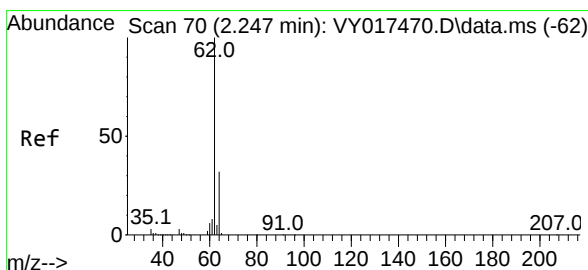
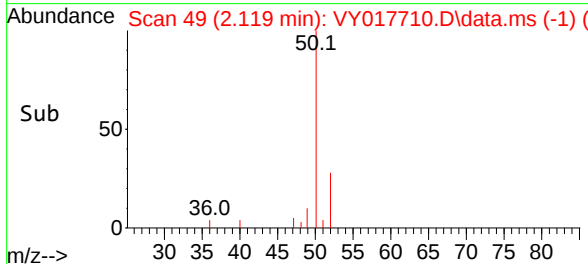
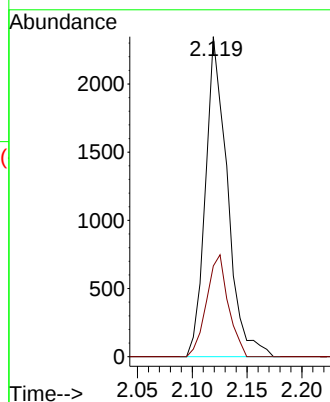
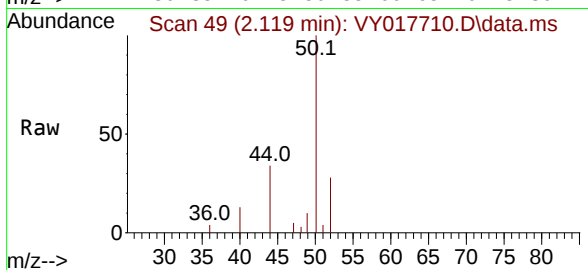
MDL03

Tgt Ion: 50 Resp: 3270

Ion Ratio Lower Upper

50 100

52 28.4 25.6 38.4



#4

Vinyl Chloride

Concen: 2.037 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.012 min

Lab File: VY017710.D

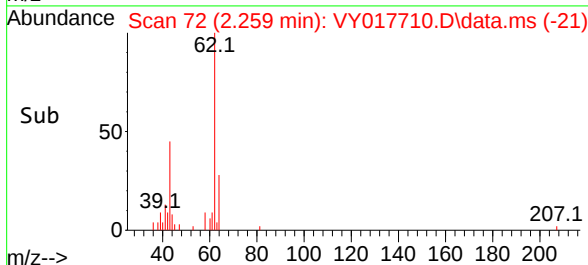
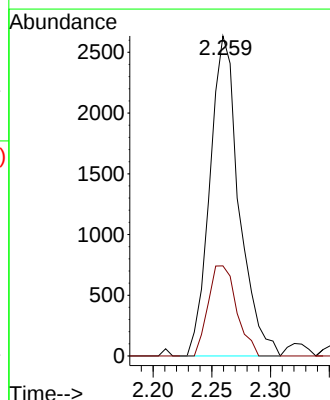
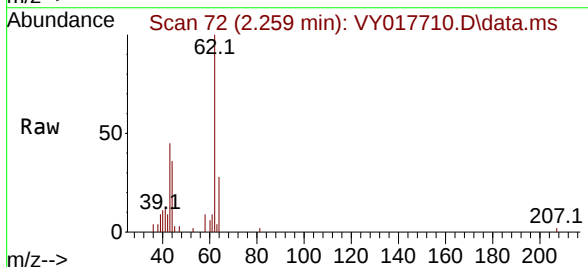
Acq: 19 Mar 2024 15:25

Tgt Ion: 62 Resp: 4558

Ion Ratio Lower Upper

62 100

64 28.2 26.1 39.1

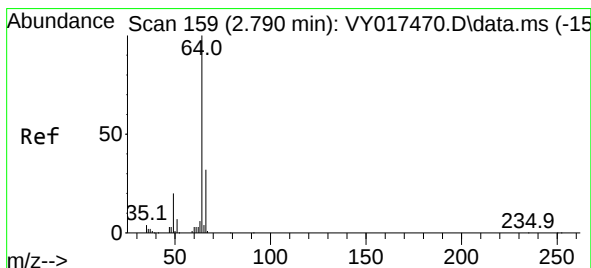
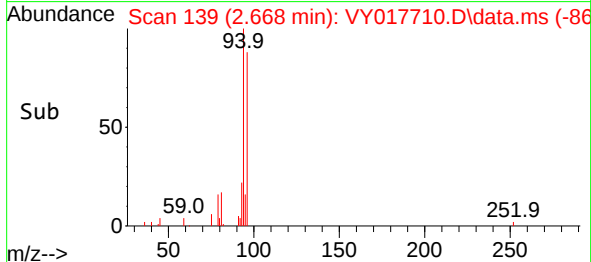
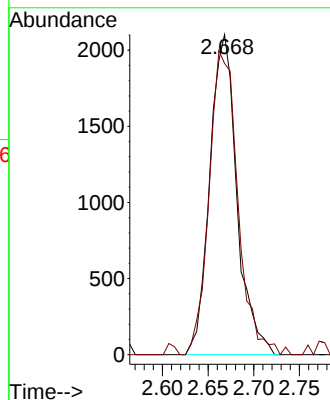
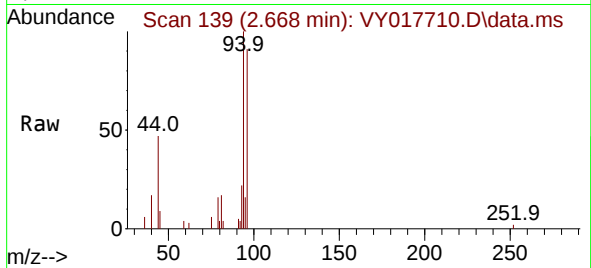




#5
Bromomethane
Concen: 2.378 ug/l
RT: 2.668 min Scan# 111
Delta R.T. 0.024 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

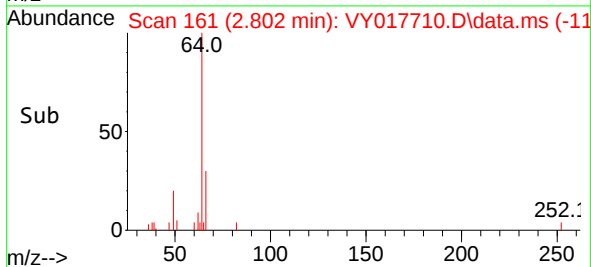
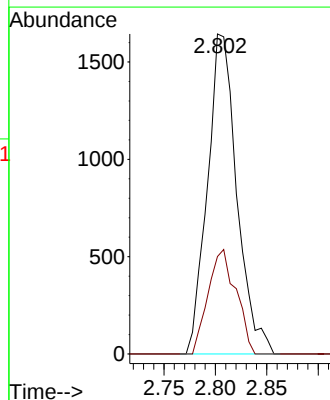
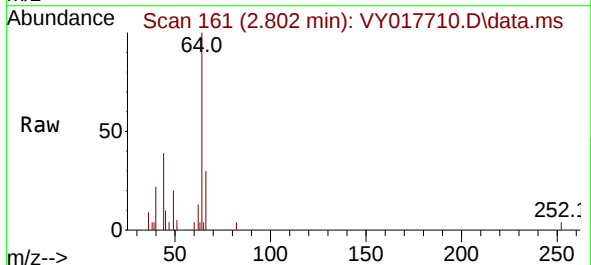
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

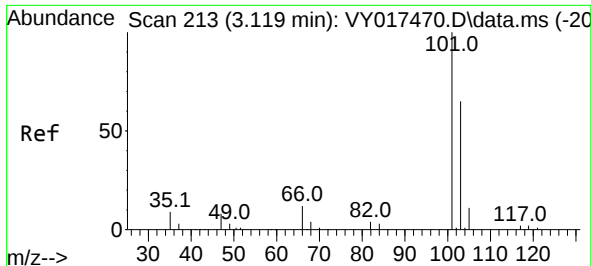
Tgt Ion: 94 Resp: 4337
Ion Ratio Lower Upper
94 100
96 91.1 74.1 111.1



#6
Chloroethane
Concen: 2.321 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

Tgt Ion: 64 Resp: 3276
Ion Ratio Lower Upper
64 100
66 30.5 26.1 39.1

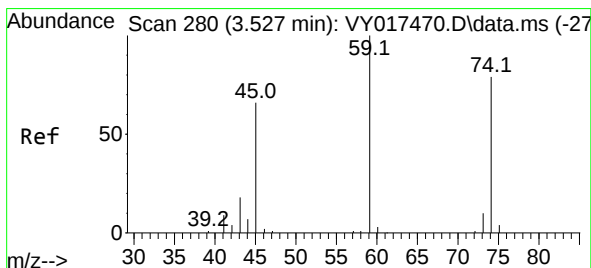
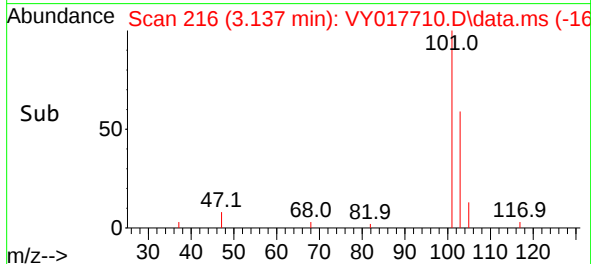
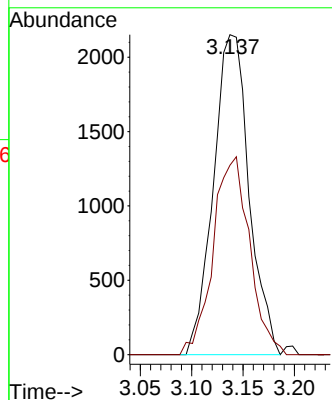
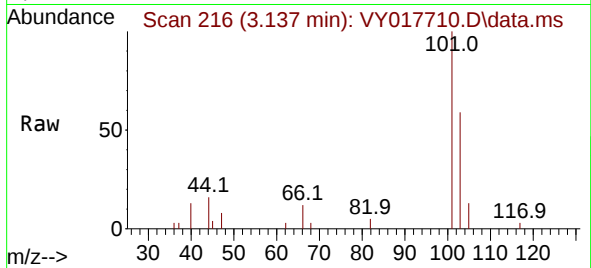




#7
Trichlorofluoromethane
Concen: 2.279 ug/l
RT: 3.137 min Scan# 213
Delta R.T. 0.018 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

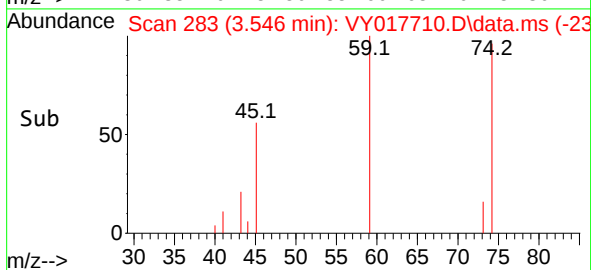
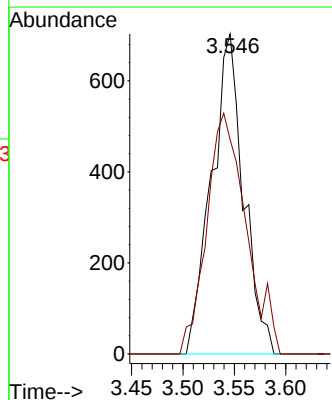
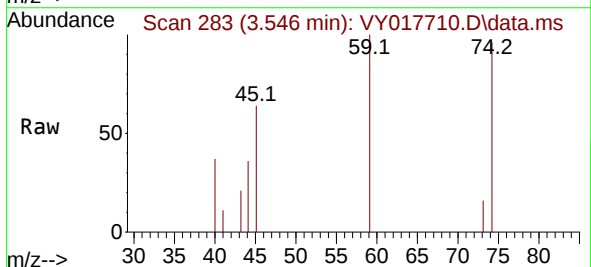
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

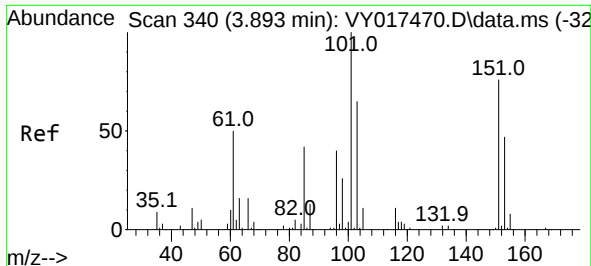
Tgt Ion:101 Resp: 5199
Ion Ratio Lower Upper
101 100
103 59.2 49.3 73.9



#8
Diethyl Ether
Concen: 2.278 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.018 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

Tgt Ion: 74 Resp: 1524
Ion Ratio Lower Upper
74 100
45 92.4 41.3 124.1

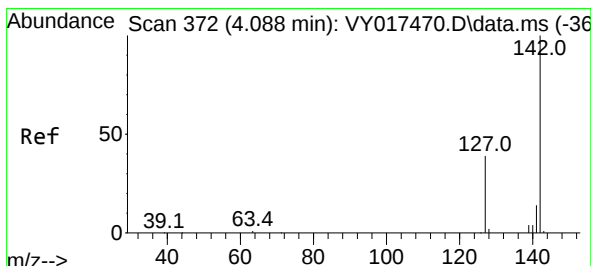
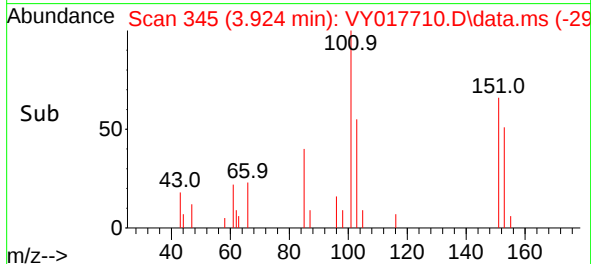
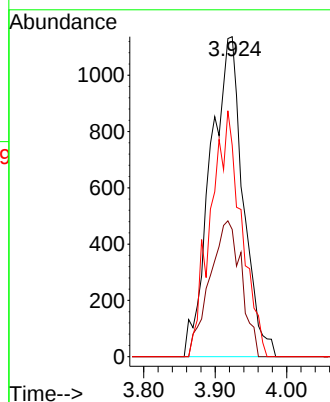
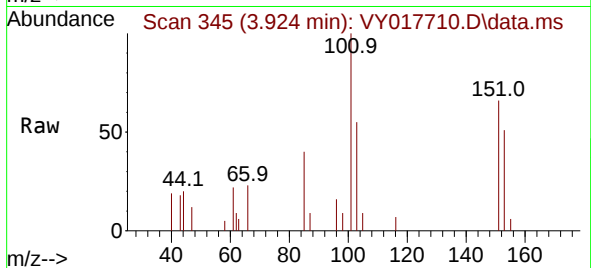




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.746 ug/l
RT: 3.924 min Scan# 341
Delta R.T. 0.031 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

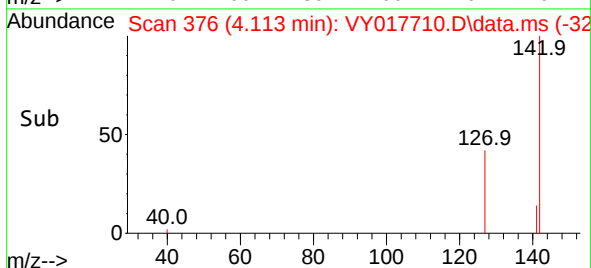
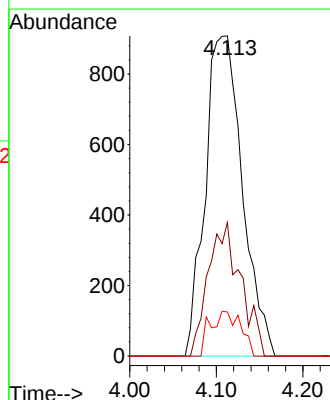
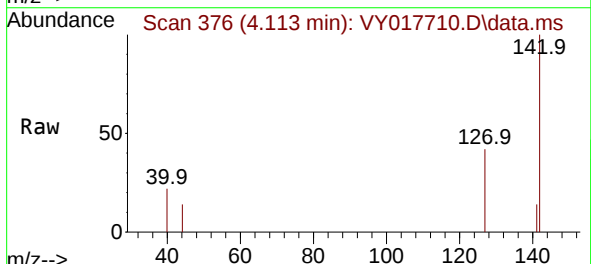
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

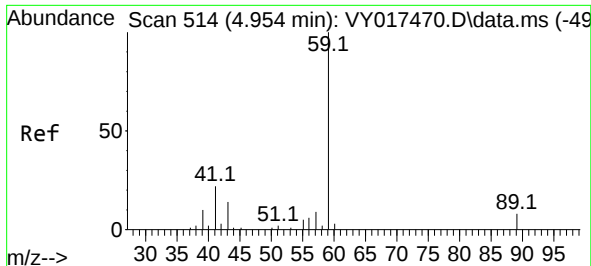
Tgt Ion:101 Resp: 3603
Ion Ratio Lower Upper
101 100
85 41.2 34.5 51.7
151 72.4 61.7 92.5



#10
Methyl Iodide
Concen: 1.839 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.024 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

Tgt Ion:142 Resp: 2707
Ion Ratio Lower Upper
142 100
127 36.6 32.8 49.2
141 11.5 11.4 17.2

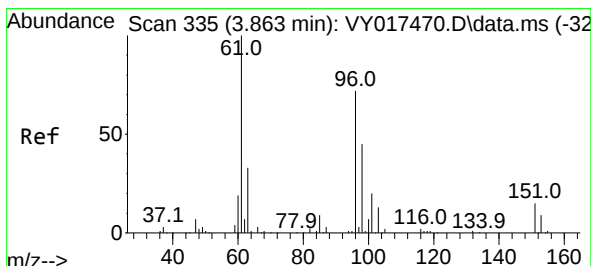
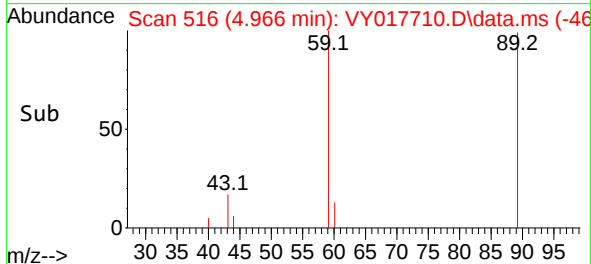
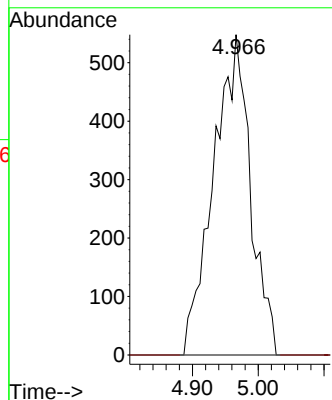
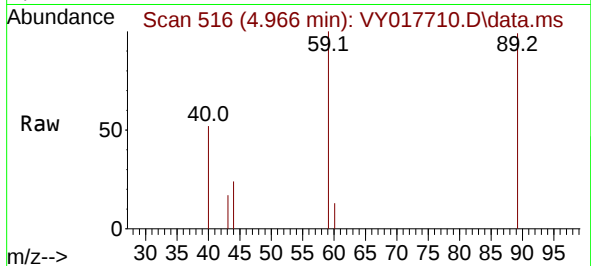




#11
Tert butyl alcohol
Concen: 20.616 ug/l
RT: 4.966 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

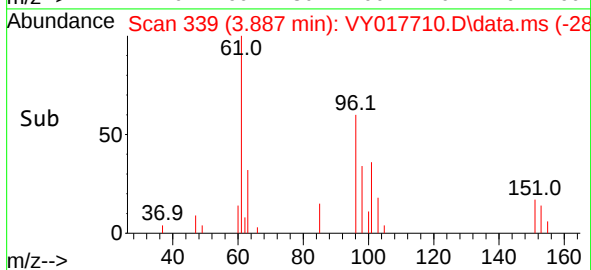
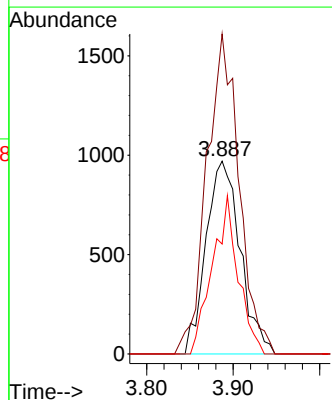
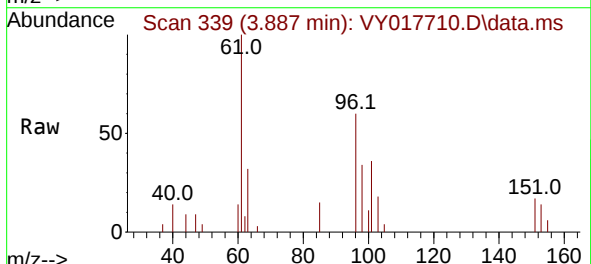
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

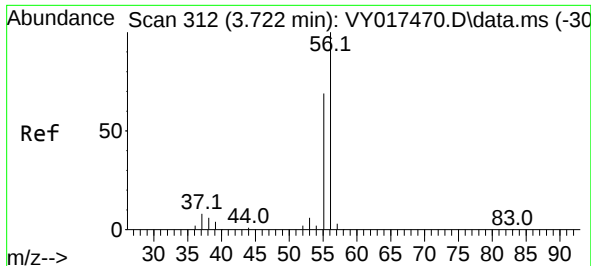
Tgt Ion: 59 Resp: 2148
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 2.176 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.024 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

Tgt Ion: 96 Resp: 2661
Ion Ratio Lower Upper
96 100
61 166.0 114.6 171.8
98 57.0 50.8 76.2





#13

Acrolein

Concen: 9.143 ug/l

RT: 3.741 min Scan# 312

Delta R.T. 0.018 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

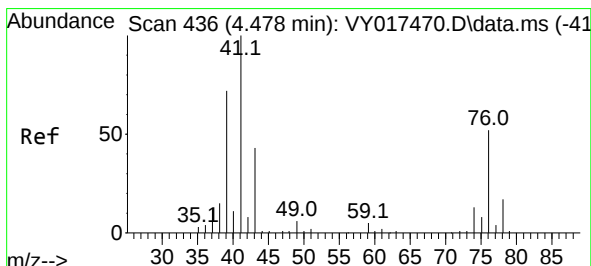
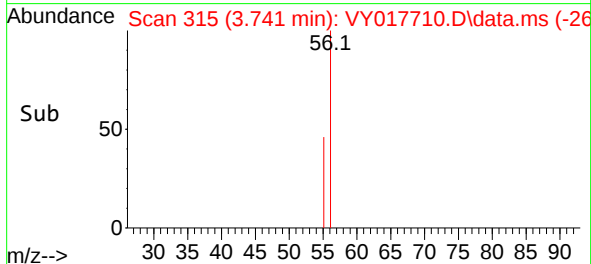
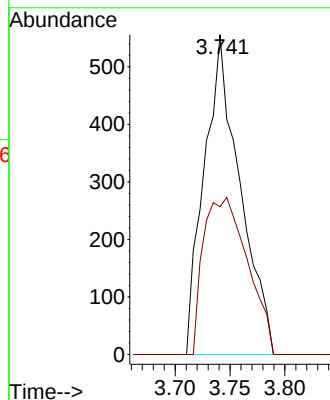
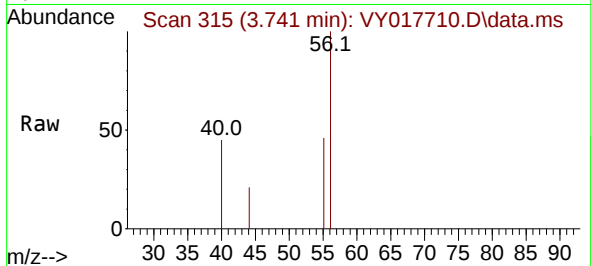
MDL03

Tgt Ion: 56 Resp: 1257

Ion Ratio Lower Upper

56 100

55 60.9 55.7 83.5



#14

Allyl chloride

Concen: 2.135 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.018 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

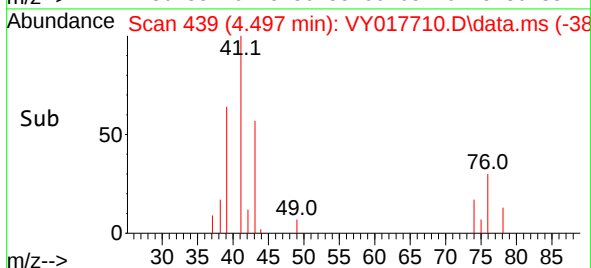
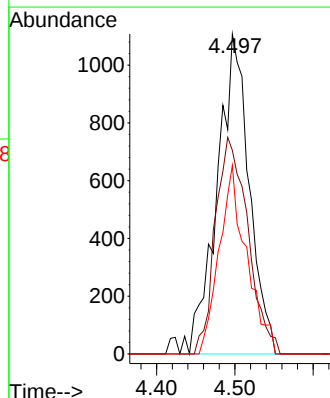
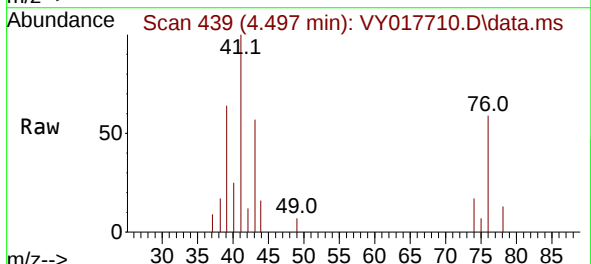
Tgt Ion: 41 Resp: 3154

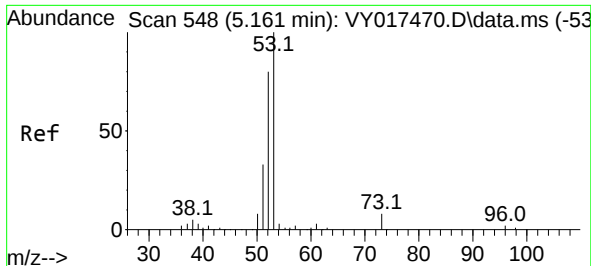
Ion Ratio Lower Upper

41 100

39 68.8 58.3 87.5

76 50.4 39.0 58.6

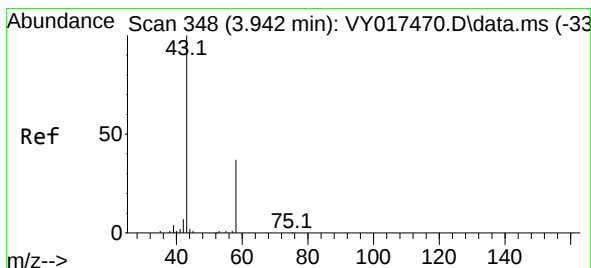
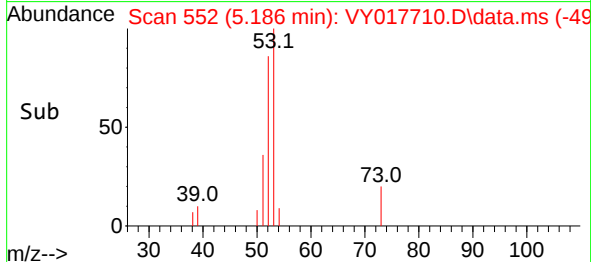
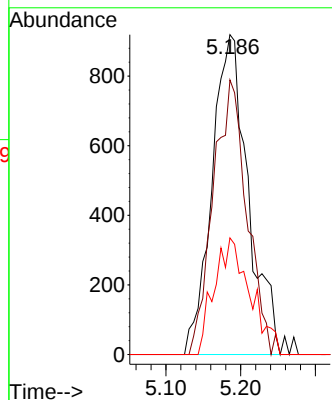
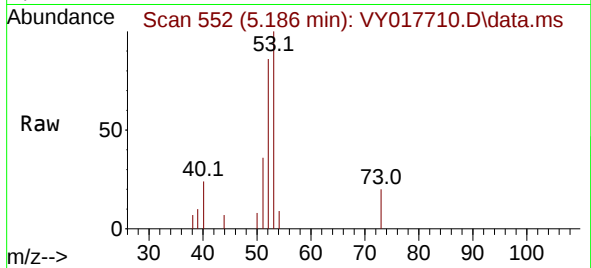




#15
Acrylonitrile
Concen: 11.244 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

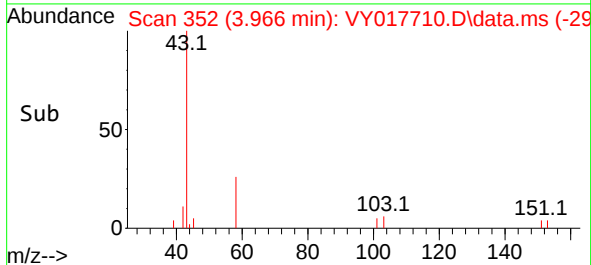
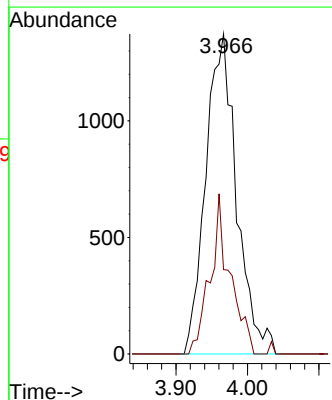
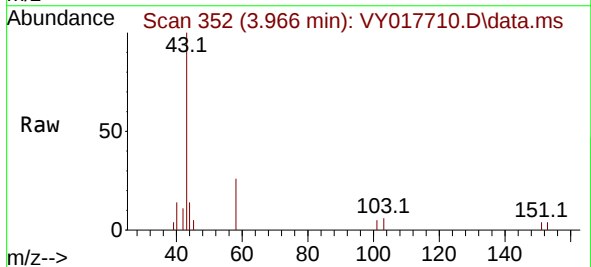
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

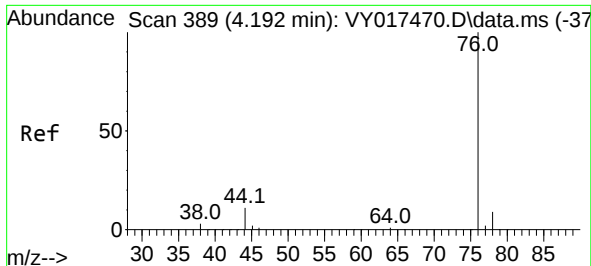
Tgt Ion: 53	Resp:	3092
Ion	Ratio	Lower Upper
53	100	
52	80.3	64.7 97.1
51	36.2	28.4 42.6



#16
Acetone
Concen: 17.275 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

Tgt Ion: 43	Resp:	4110
Ion	Ratio	Lower Upper
43	100	
58	26.4	31.7 47.5#

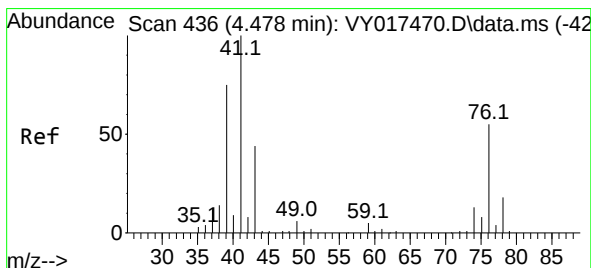
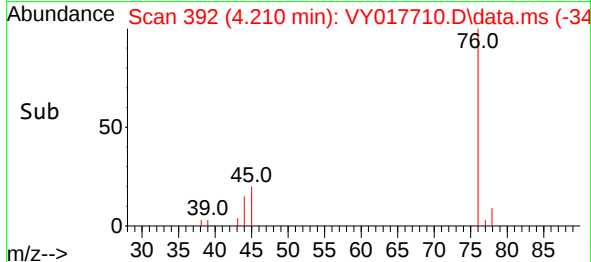
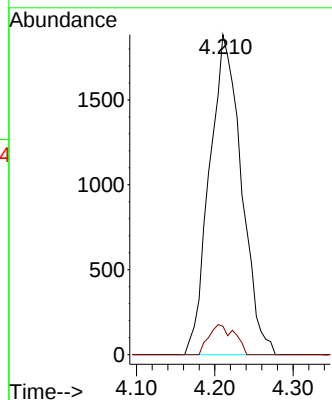
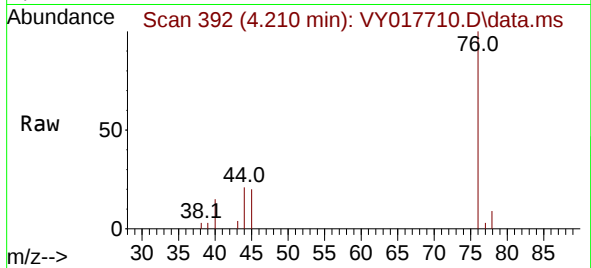




#17
Carbon Disulfide
Concen: 1.456 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

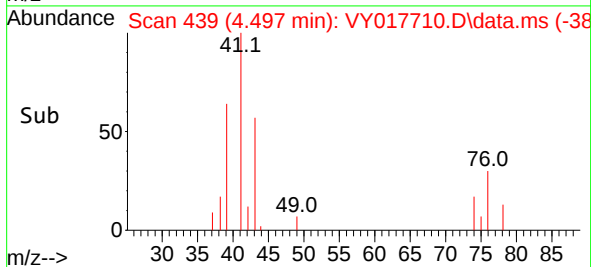
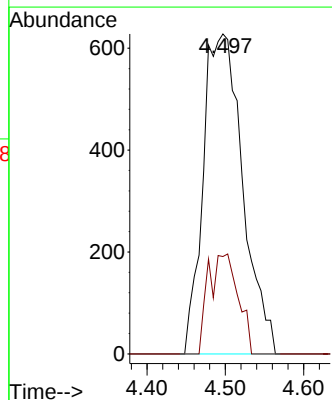
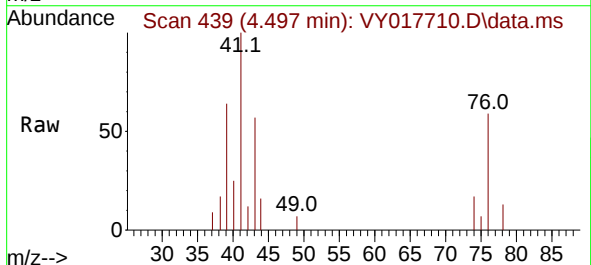
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

Tgt Ion: 76 Resp: 5342
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 3.813 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

Tgt Ion: 43 Resp: 2201
Ion Ratio Lower Upper
43 100
74 23.5 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 2.212 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

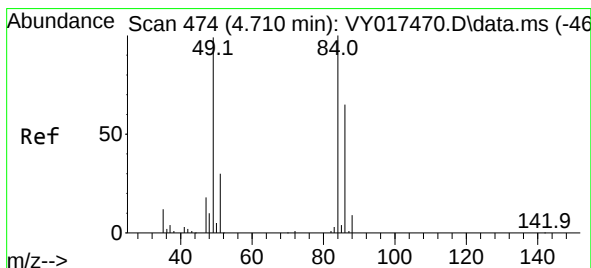
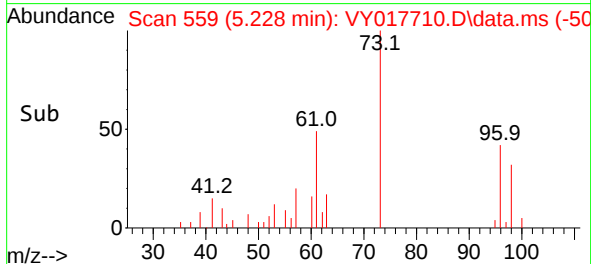
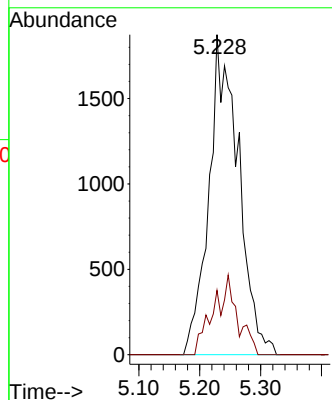
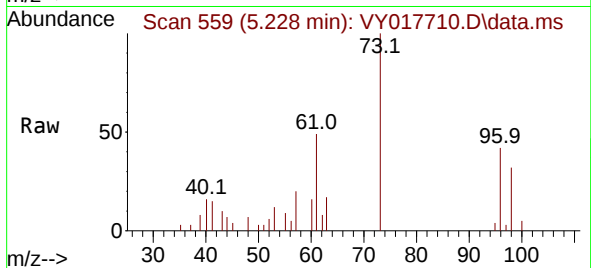
MDL03

Tgt Ion: 73 Resp: 6303

Ion Ratio Lower Upper

73 100

57 20.1 17.3 25.9



#20

Methylene Chloride

Concen: 2.260 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.025 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Tgt Ion: 84 Resp: 10470

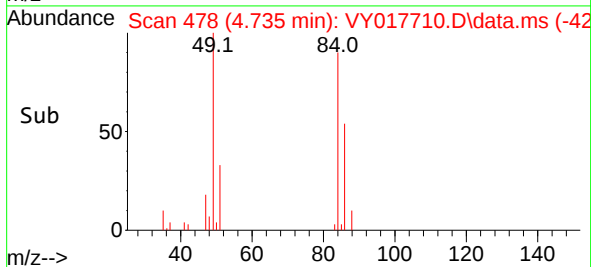
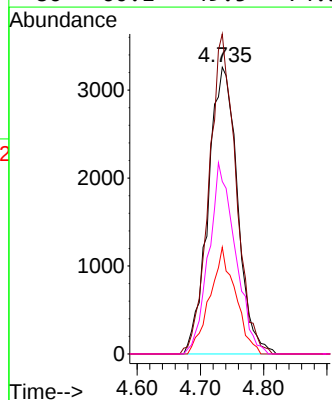
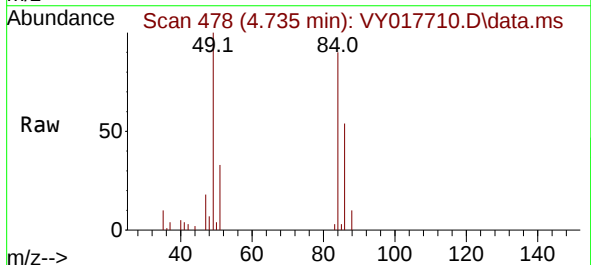
Ion Ratio Lower Upper

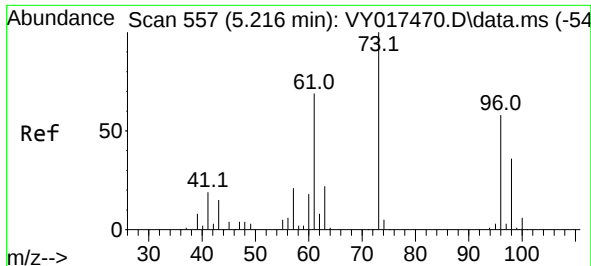
84 100

49 111.6 84.4 126.6

51 37.2 26.0 39.0

86 60.1 49.5 74.3

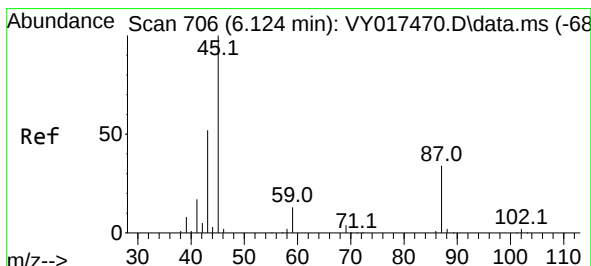
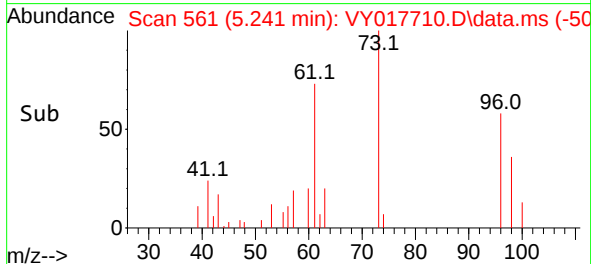
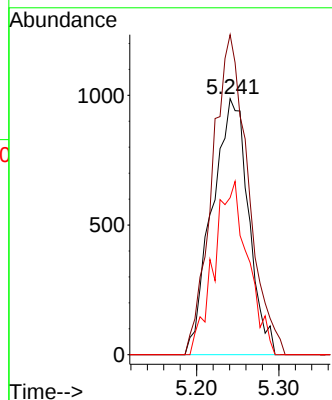
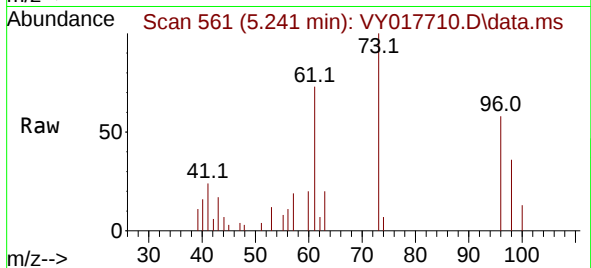




#21
trans-1,2-Dichloroethene
Concen: 2.124 ug/l
RT: 5.241 min Scan# 501
Delta R.T. 0.024 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

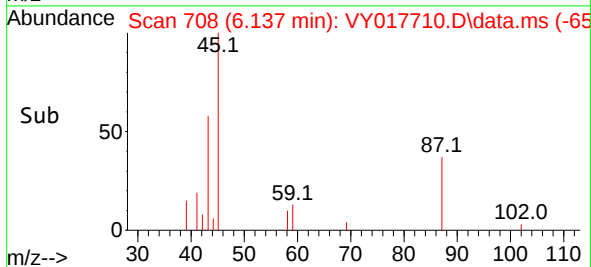
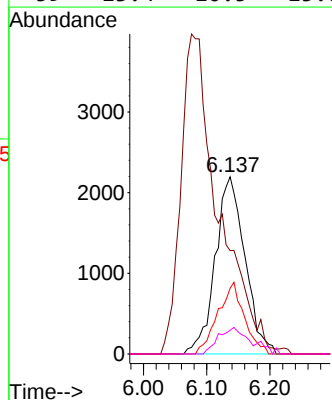
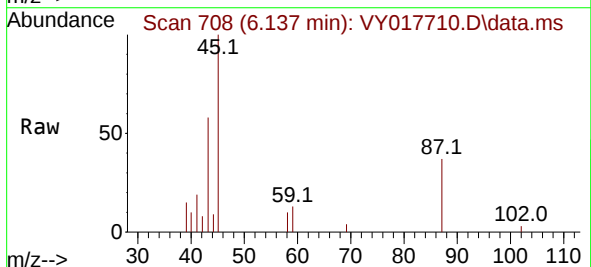
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

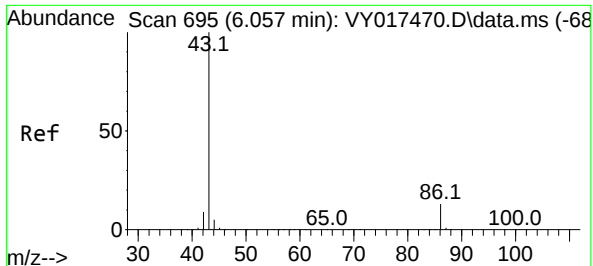
Tgt Ion: 96 Resp: 3041
Ion Ratio Lower Upper
96 100
61 125.0 97.5 146.3
98 61.3 50.5 75.7



#22
Diisopropyl ether
Concen: 2.093 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

Tgt Ion: 45 Resp: 7135
Ion Ratio Lower Upper
45 100
43 55.5 42.2 63.2
87 37.2 25.0 37.6
59 13.4 10.5 15.7

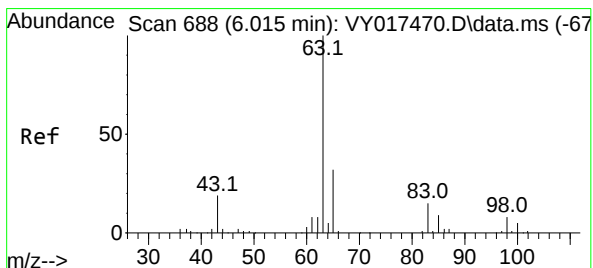
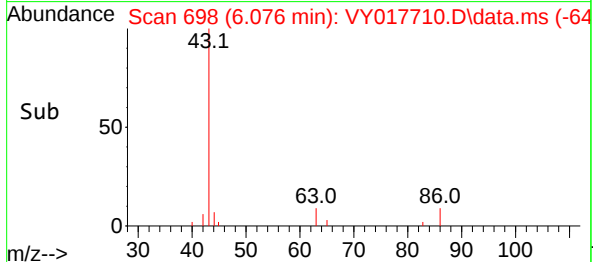
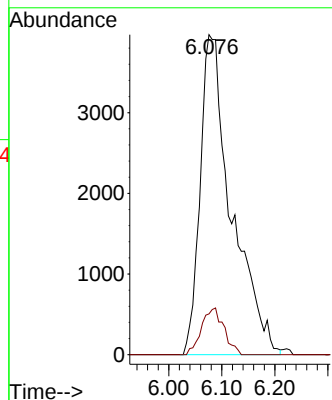
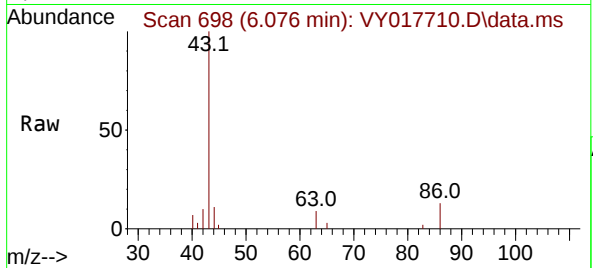




#23
 Vinyl Acetate
 Concen: 8.006 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.018 min
 Lab File: VY017710.D
 Acq: 19 Mar 2024 15:25

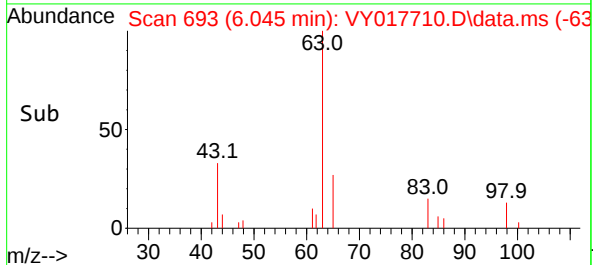
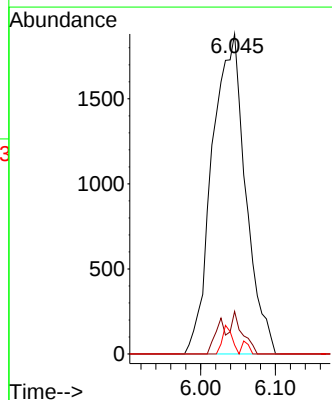
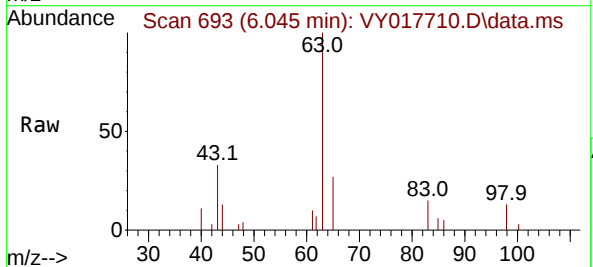
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL03

Tgt Ion: 43 Resp: 16263
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 2.511 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.031 min
 Lab File: VY017710.D
 Acq: 19 Mar 2024 15:25

Tgt Ion: 63 Resp: 5847
 Ion Ratio Lower Upper
 63 100
 98 13.3 4.0 12.2#
 100 2.8 2.6 8.0

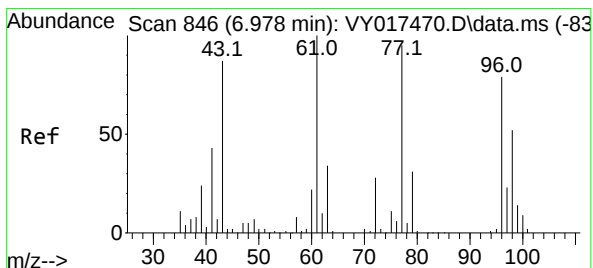
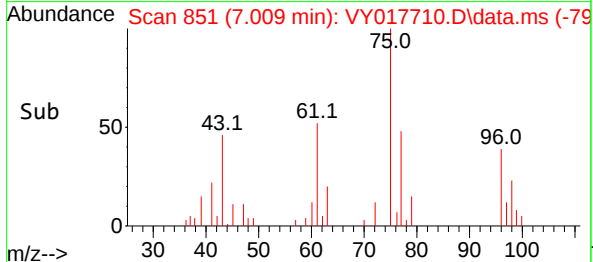
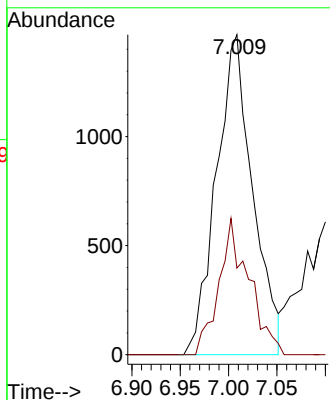
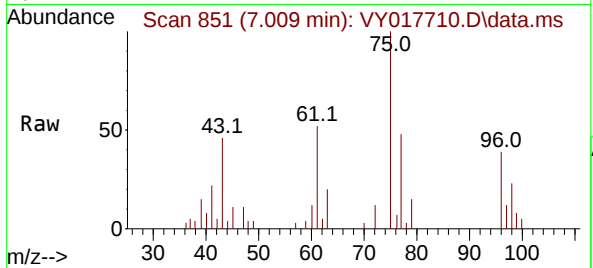




#25
2-Butanone
Concen: 11.302 ug/l
RT: 7.009 min Scan# 81
Delta R.T. 0.024 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

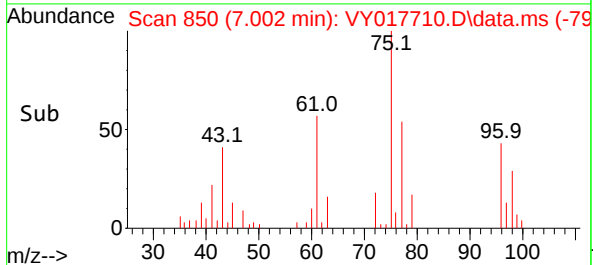
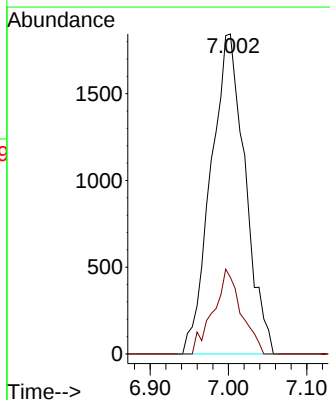
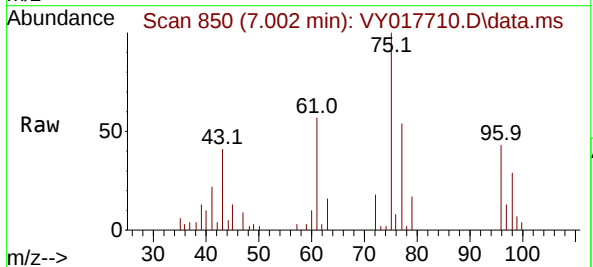
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

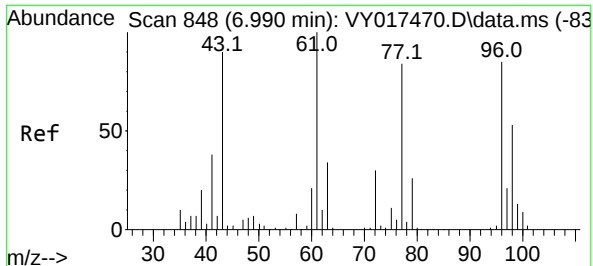
Tgt Ion: 43 Resp: 3832
Ion Ratio Lower Upper
43 100
72 27.1 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 2.861 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.024 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

Tgt Ion: 77 Resp: 5602
Ion Ratio Lower Upper
77 100
97 21.6 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 2.374 ug/l

RT: 7.002 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

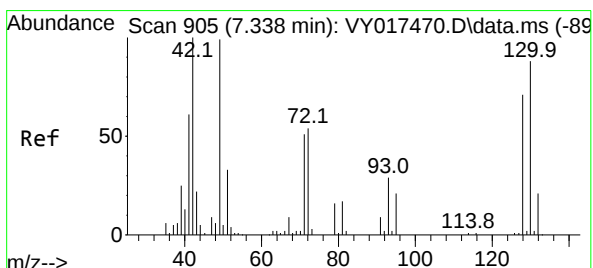
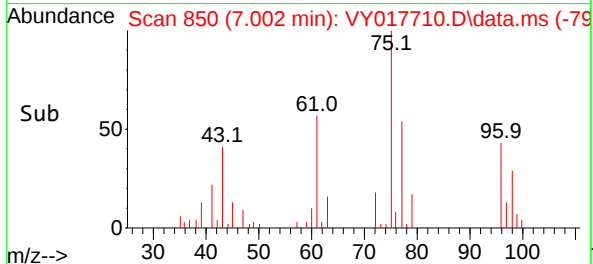
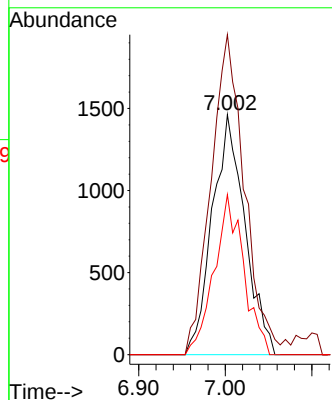
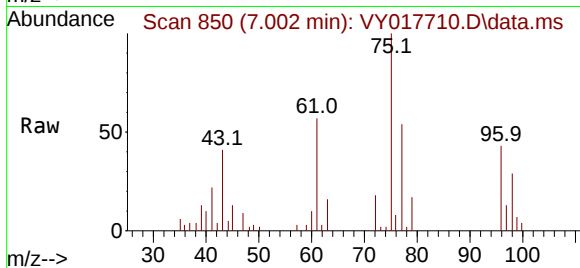
Tgt Ion: 96 Resp: 3816

Ion Ratio Lower Upper

96 100

61 137.3 0.0 256.2

98 60.6 0.0 130.0



#28

Bromochloromethane

Concen: 2.106 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

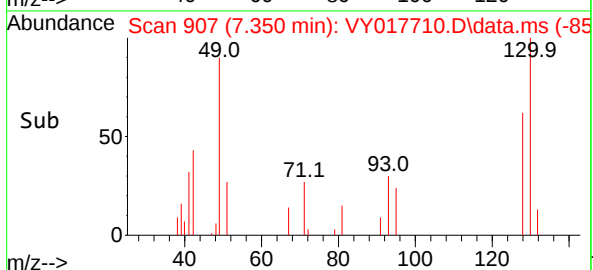
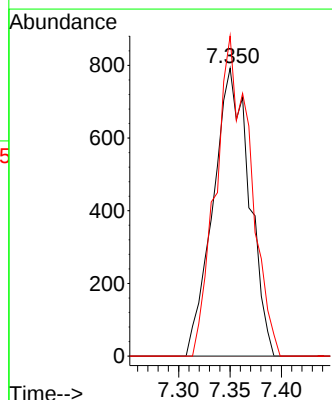
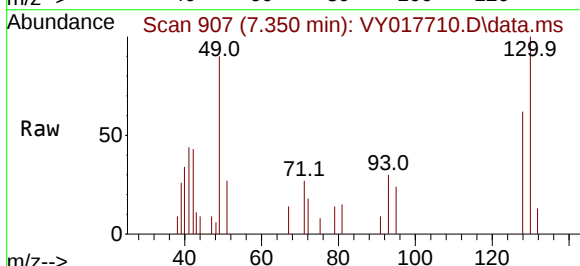
Tgt Ion: 49 Resp: 1932

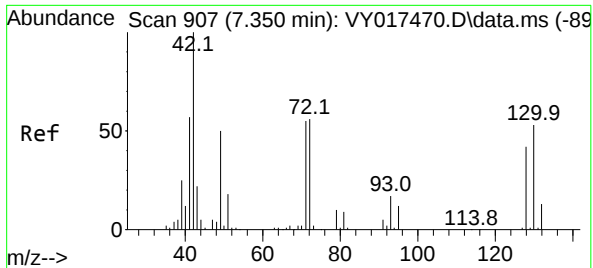
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 106.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 9.130 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.031 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

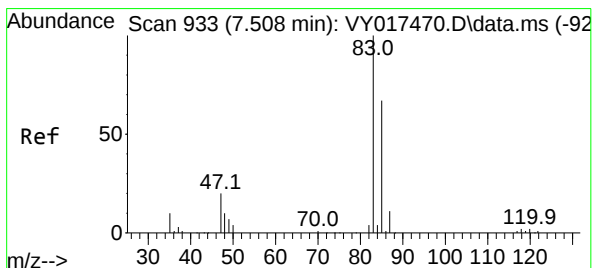
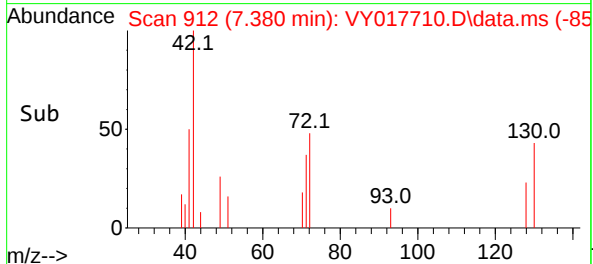
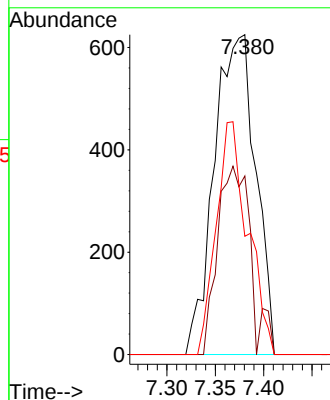
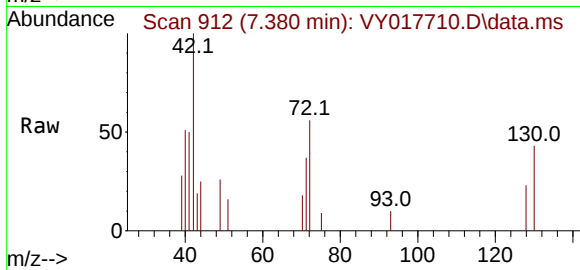
Tgt Ion: 42 Resp: 1866

Ion Ratio Lower Upper

42 100

72 46.7 43.0 64.4

71 55.1 40.8 61.2



#30

Chloroform

Concen: 2.696 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.018 min

Lab File: VY017710.D

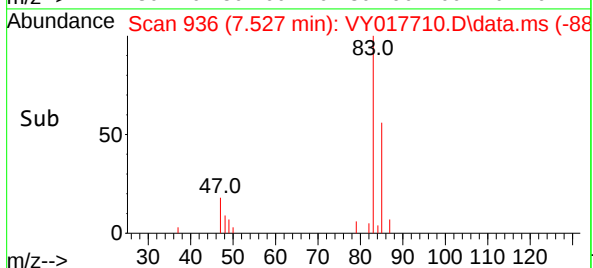
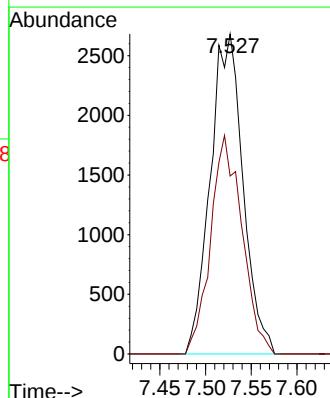
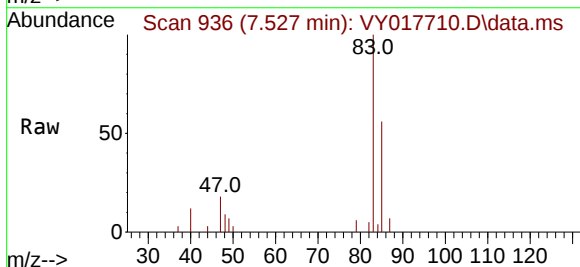
Acq: 19 Mar 2024 15:25

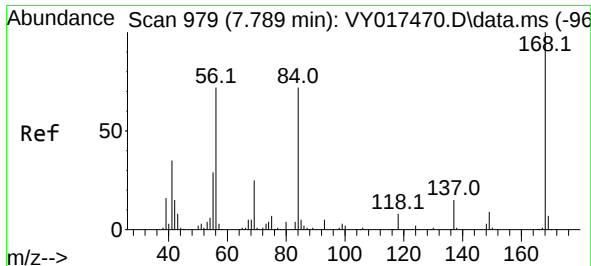
Tgt Ion: 83 Resp: 6685

Ion Ratio Lower Upper

83 100

85 55.6 52.2 78.4

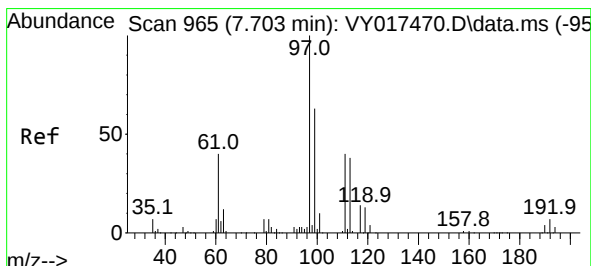
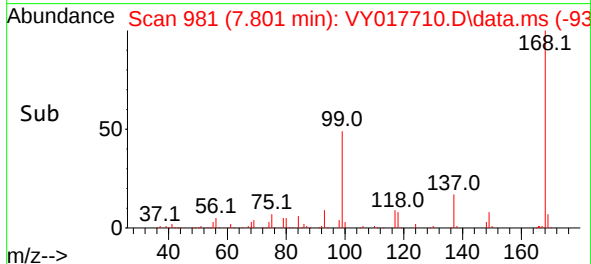
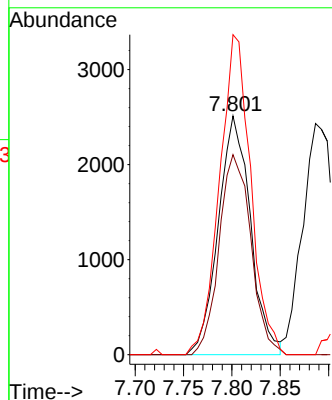
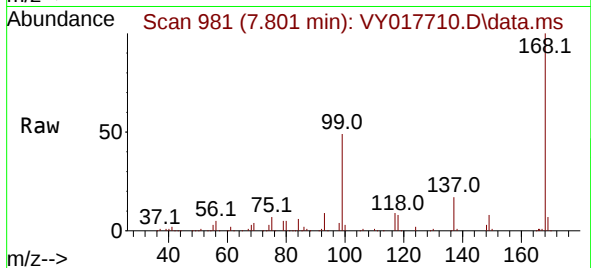




#31
Cyclohexane
Concen: 2.914 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

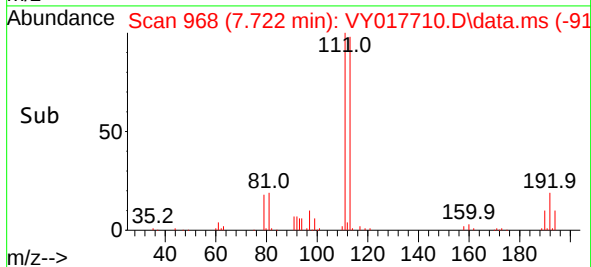
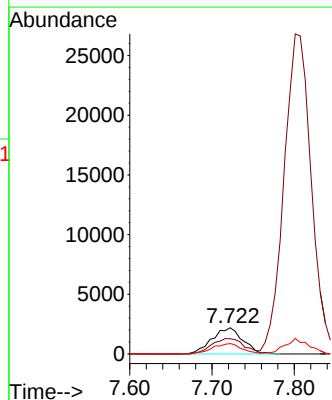
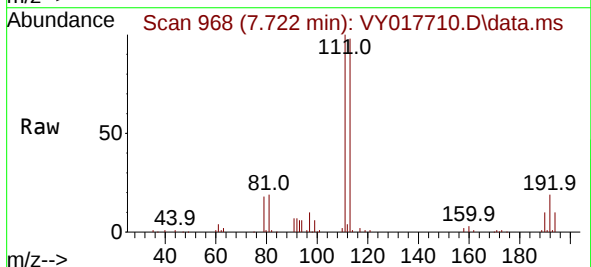
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

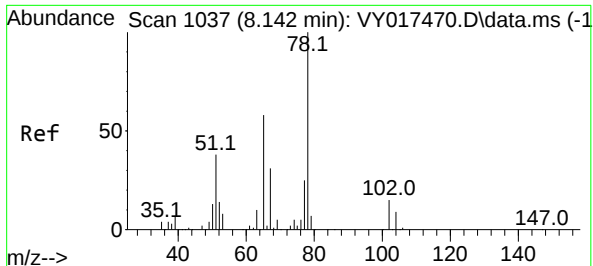
Tgt Ion: 56 Resp: 5816
Ion Ratio Lower Upper
56 100
69 83.8 28.7 43.1#
84 134.0 77.7 116.5#



#32
1,1,1-Trichloroethane
Concen: 2.651 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.018 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

Tgt Ion: 97 Resp: 5708
Ion Ratio Lower Upper
97 100
99 62.6 50.3 75.5
61 37.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 44.868 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

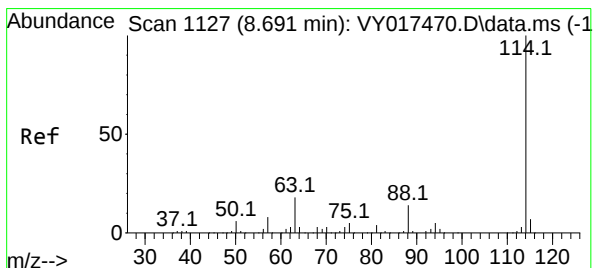
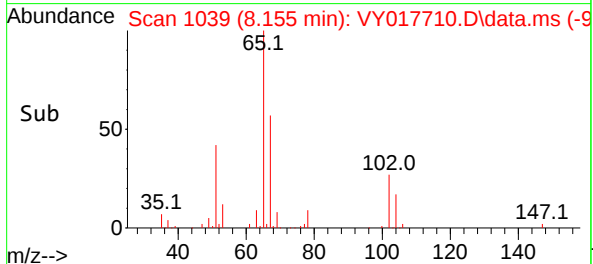
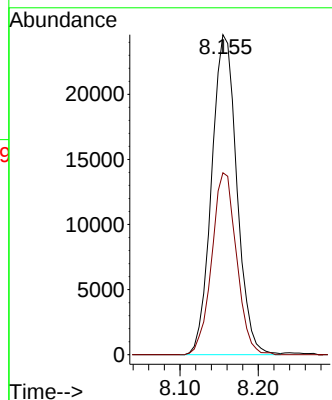
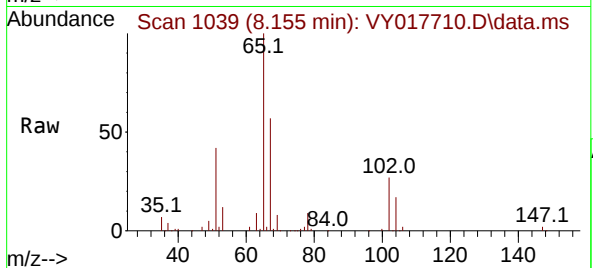
MDL03

Tgt Ion: 65 Resp: 55036

Ion Ratio Lower Upper

65 100

67 55.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

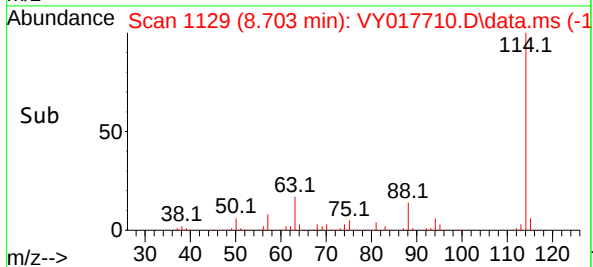
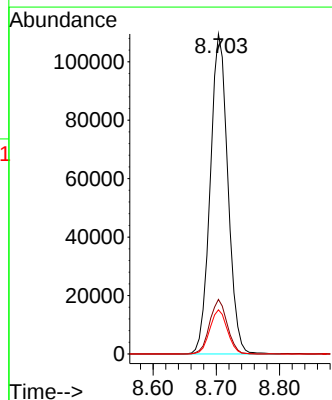
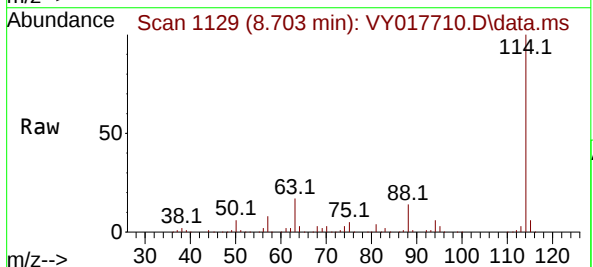
Tgt Ion: 114 Resp: 211809

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.8 0.0 27.2

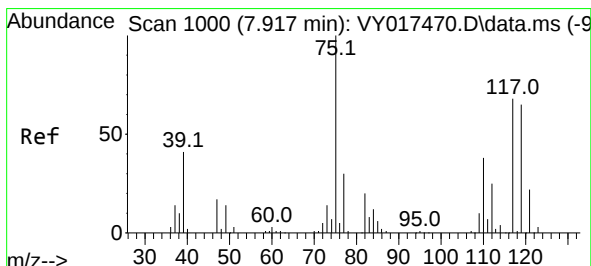
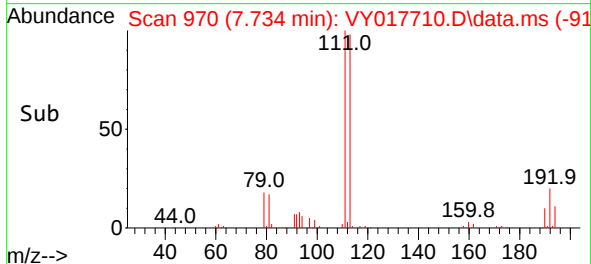
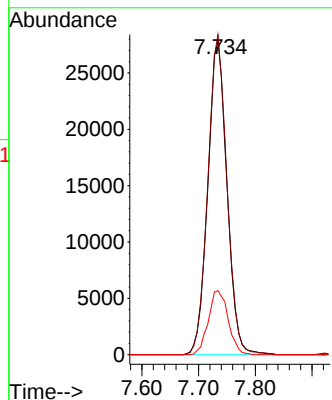
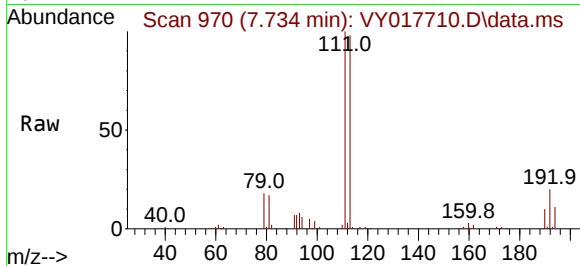




#35
Dibromofluoromethane
Concen: 44.278 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

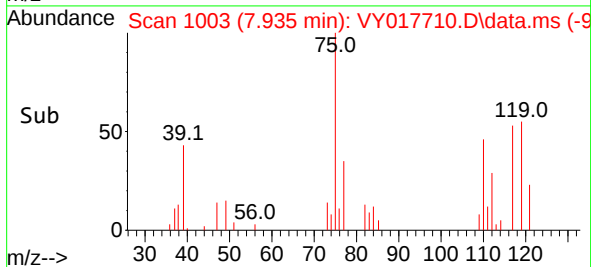
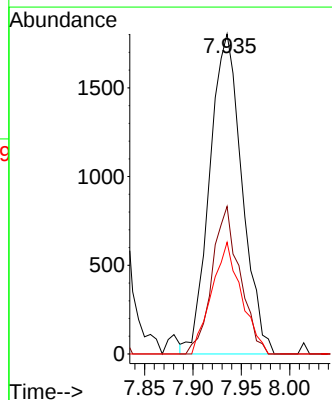
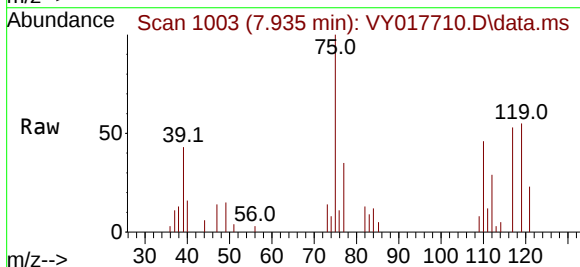
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

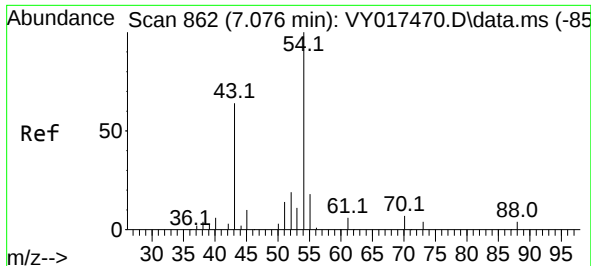
Tgt Ion:113 Resp: 65352
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 21.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 2.107 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

Tgt Ion: 75 Resp: 4195
Ion Ratio Lower Upper
75 100
110 39.7 19.0 57.0
77 32.0 25.3 37.9





#37

Ethyl Acetate

Concen: 2.119 ug/l

RT: 7.100 min Scan# 862

Delta R.T. 0.025 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

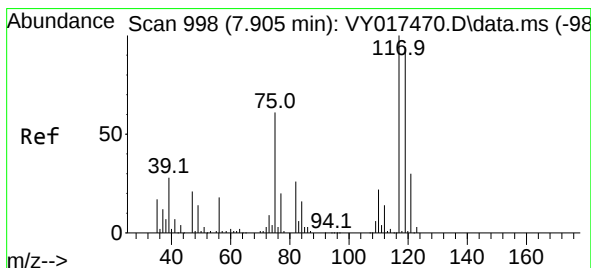
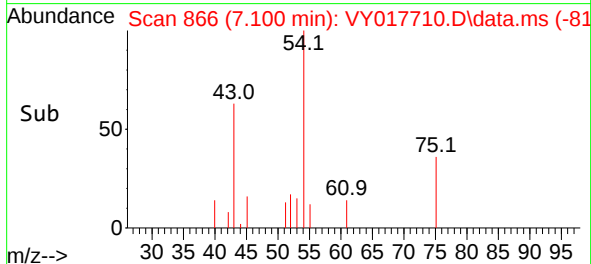
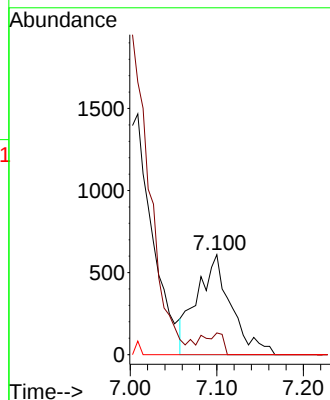
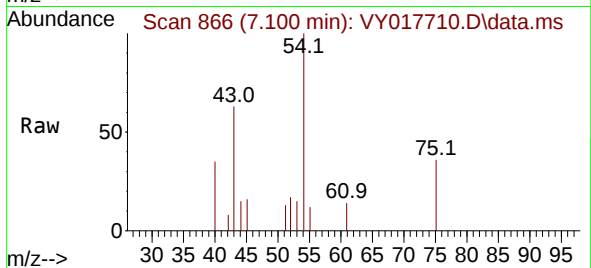
Tgt Ion: 43 Resp: 1667

Ion Ratio Lower Upper

43 100

61 12.5 12.6 19.0#

70 0.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 2.514 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

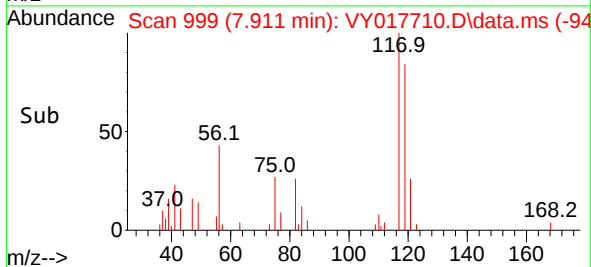
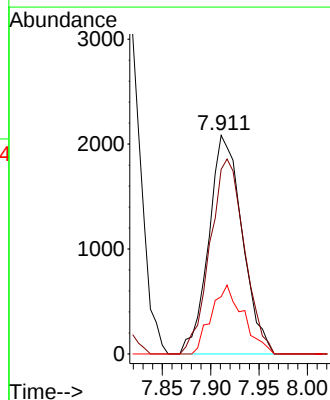
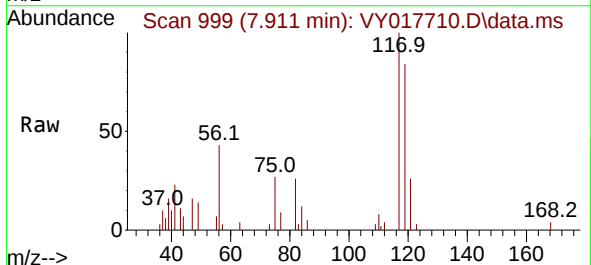
Tgt Ion: 117 Resp: 5018

Ion Ratio Lower Upper

117 100

119 84.4 75.8 113.6

121 26.2 24.0 36.0





#39

Methylcyclohexane

Concen: 1.884 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

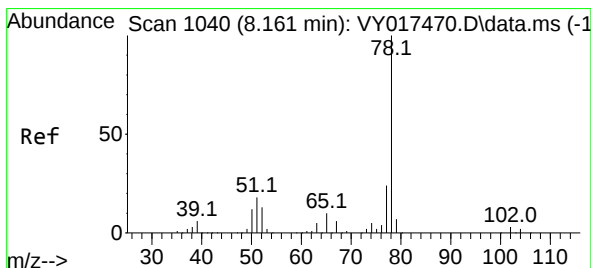
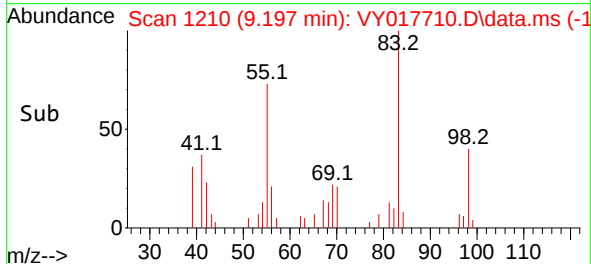
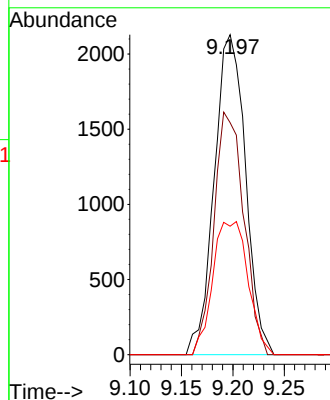
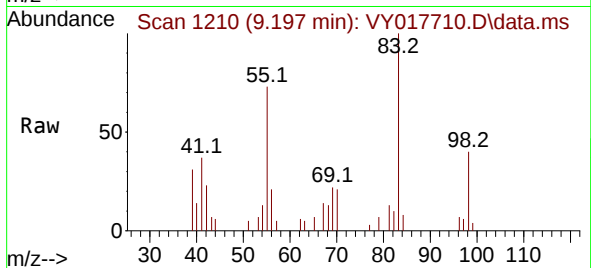
Tgt Ion: 83 Resp: 4509

Ion Ratio Lower Upper

83 100

55 72.5 51.5 77.3

98 40.2 40.5 60.7#



#40

Benzene

Concen: 2.307 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.018 min

Lab File: VY017710.D

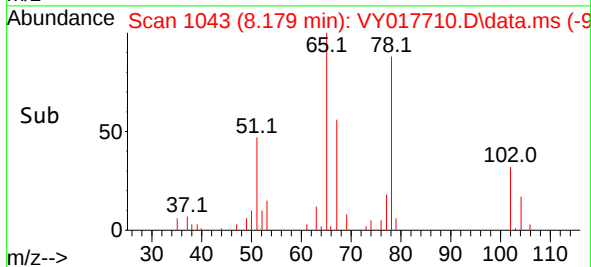
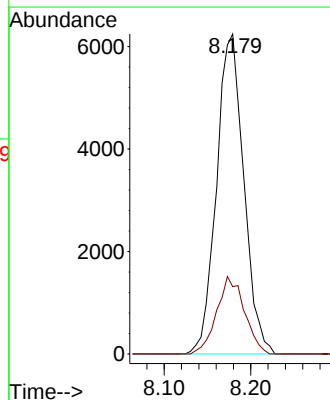
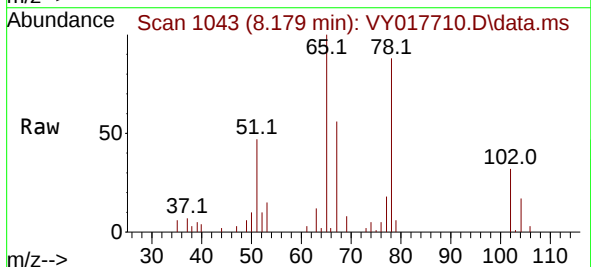
Acq: 19 Mar 2024 15:25

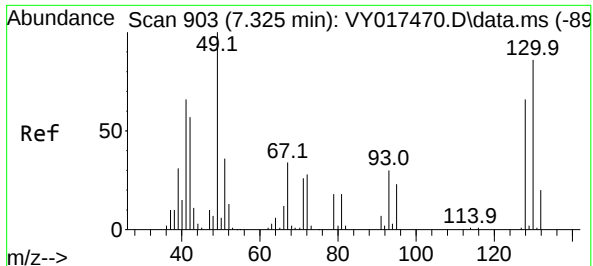
Tgt Ion: 78 Resp: 13644

Ion Ratio Lower Upper

78 100

77 21.1 19.5 29.3

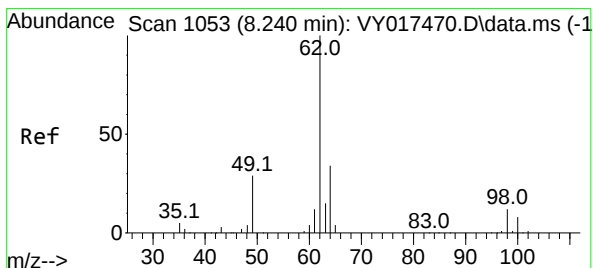
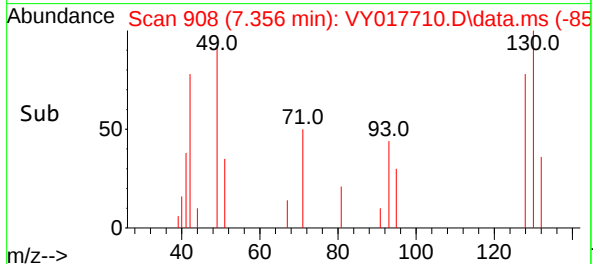
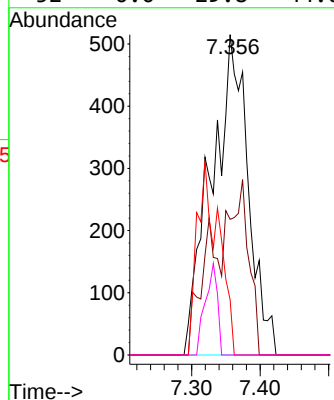
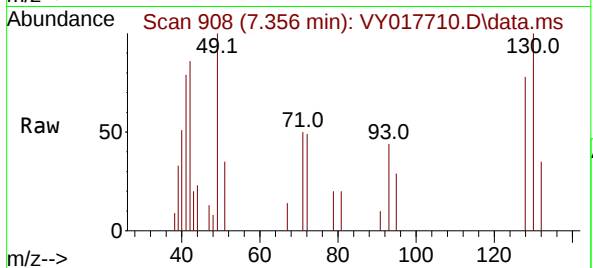




#41
Methacrylonitrile
Concen: 4.865 ug/l
RT: 7.356 min Scan# 903
Delta R.T. 0.031 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

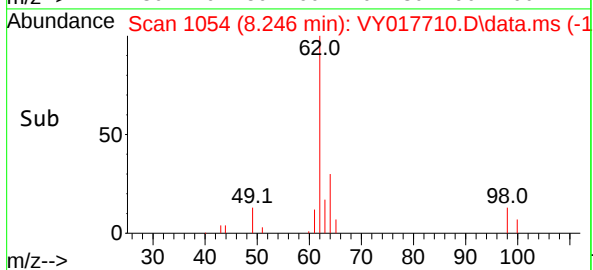
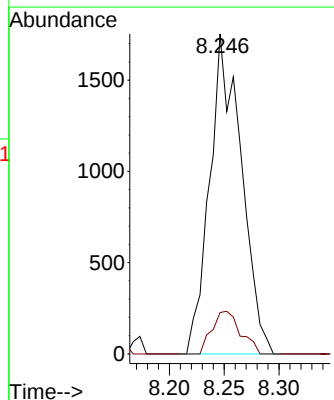
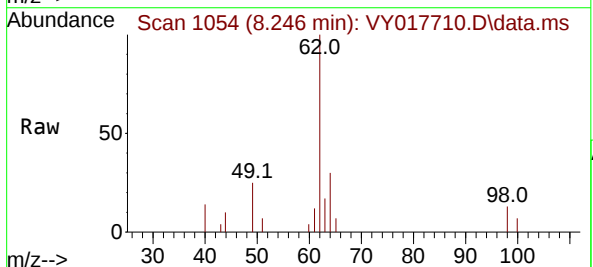
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

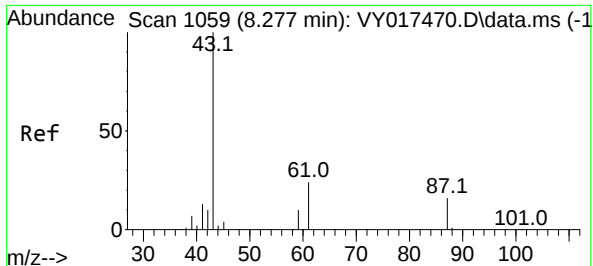
Tgt Ion: 41 Resp: 1920
Ion Ratio Lower Upper
41 100
39 30.4 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 2.437 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

Tgt Ion: 62 Resp: 3516
Ion Ratio Lower Upper
62 100
98 12.1 0.0 22.0





#43

Isopropyl Acetate

Concen: 2.064 ug/l

RT: 8.289 min Scan# 1106

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

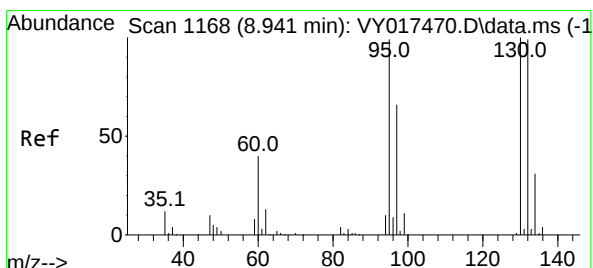
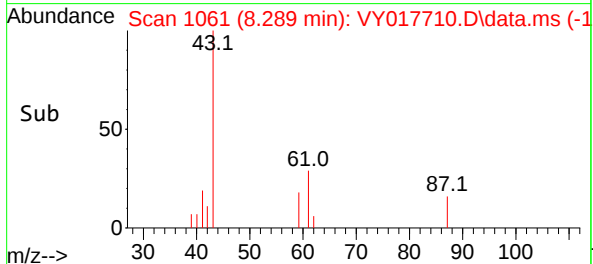
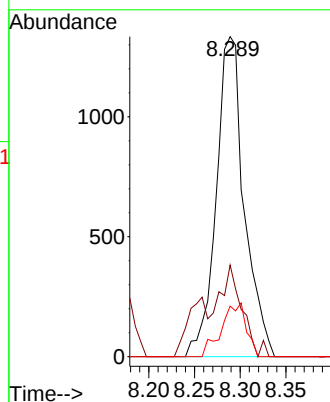
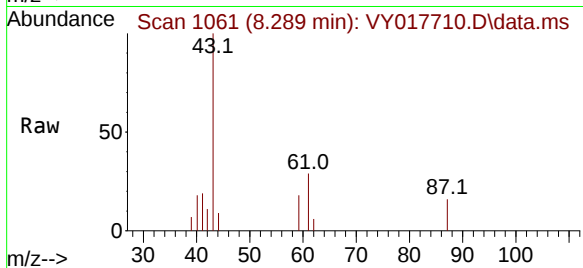
Tgt Ion: 43 Resp: 2853

Ion Ratio Lower Upper

43 100

61 24.1 27.9 41.9#

87 14.8 13.1 19.7



#44

Trichloroethene

Concen: 2.418 ug/l

RT: 8.953 min Scan# 1170

Delta R.T. 0.012 min

Lab File: VY017710.D

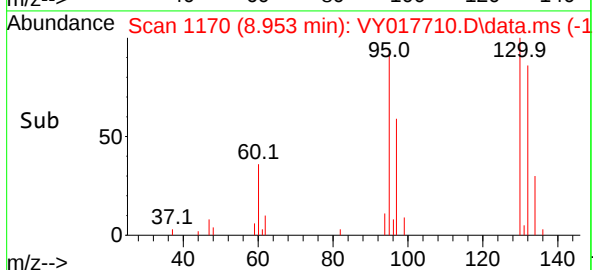
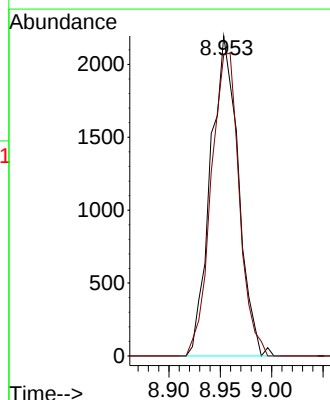
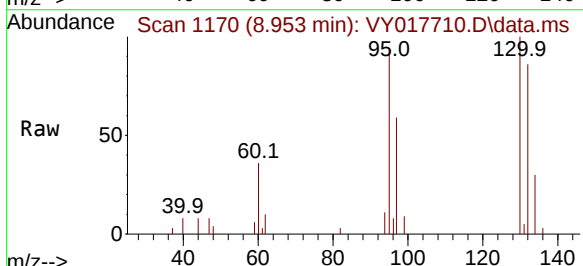
Acq: 19 Mar 2024 15:25

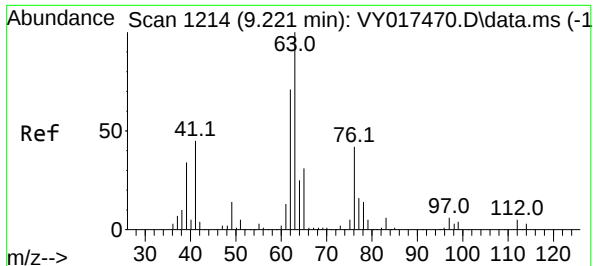
Tgt Ion:130 Resp: 4122

Ion Ratio Lower Upper

130 100

95 94.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 2.444 ug/l

RT: 9.228 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

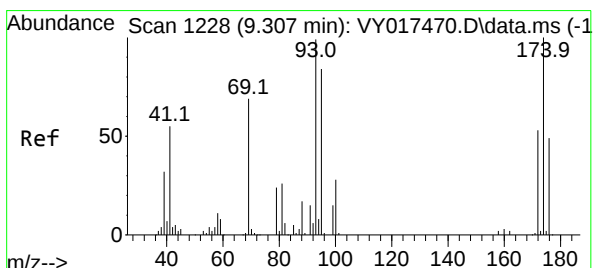
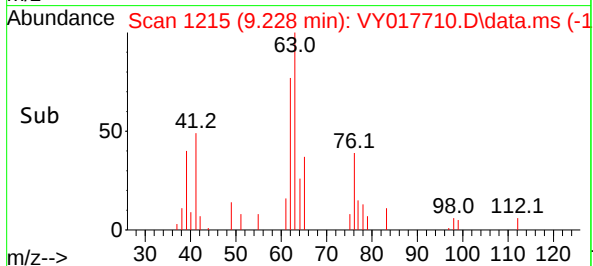
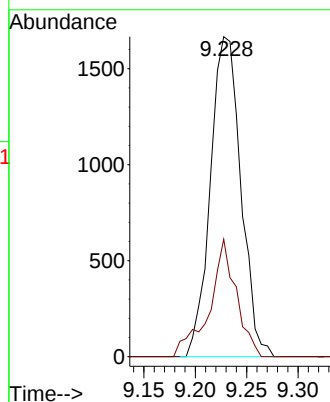
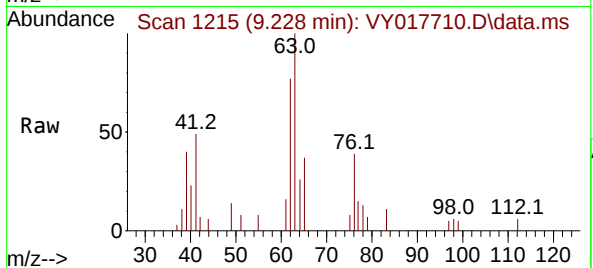
MDL03

Tgt Ion: 63 Resp: 3439

Ion Ratio Lower Upper

63 100

65 36.7 25.4 38.2



#46

Dibromomethane

Concen: 2.254 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

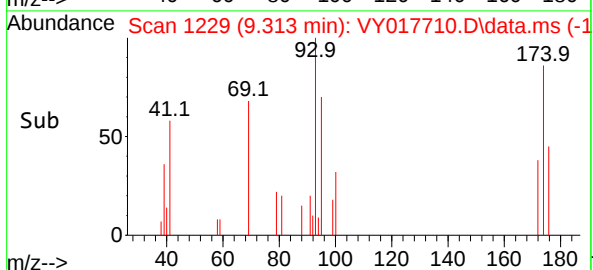
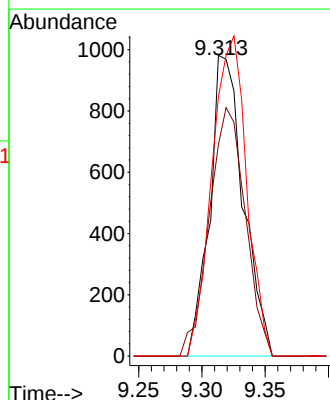
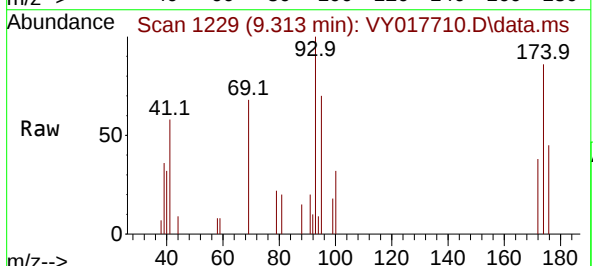
Tgt Ion: 93 Resp: 1815

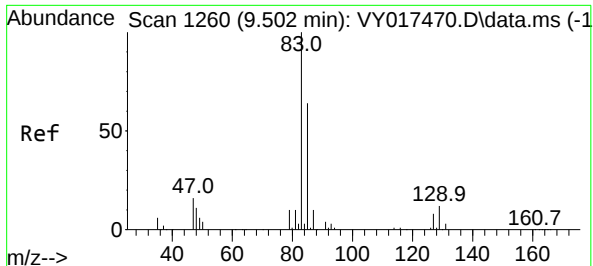
Ion Ratio Lower Upper

93 100

95 88.4 66.2 99.4

174 109.6 80.9 121.3

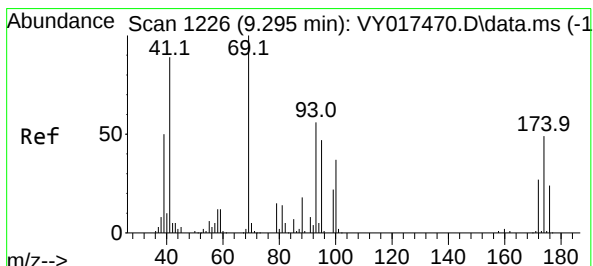
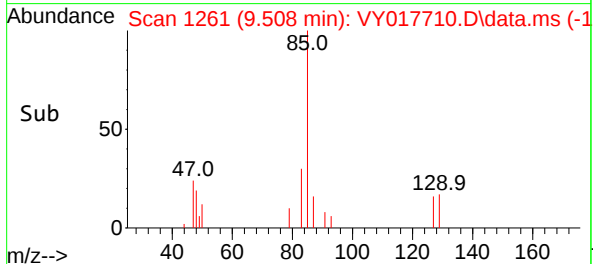
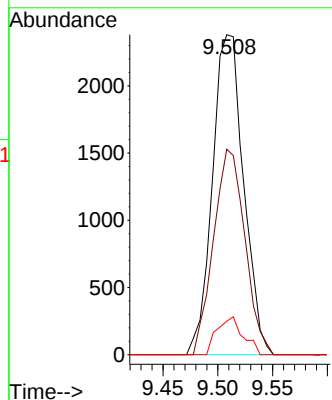
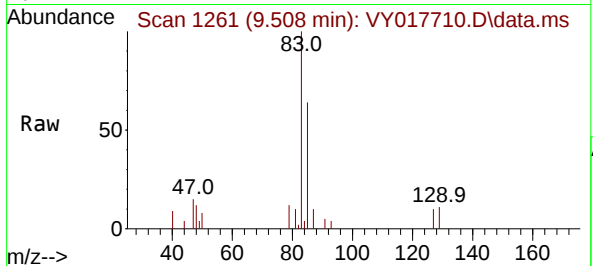




#47
Bromodichloromethane
Concen: 2.410 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

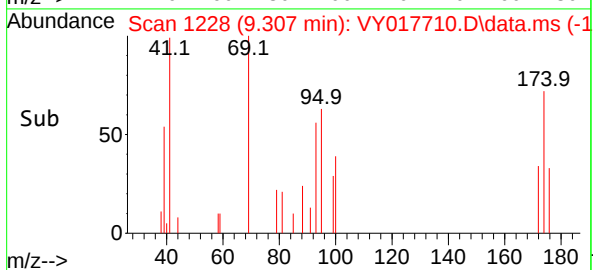
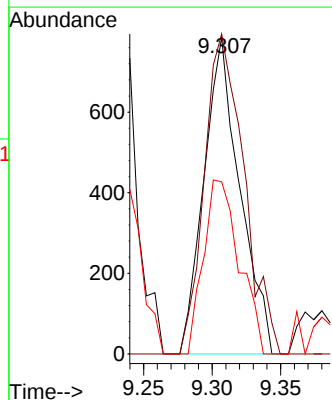
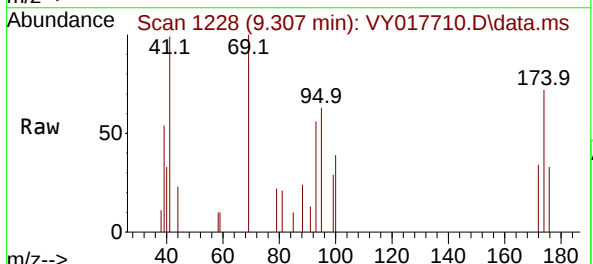
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

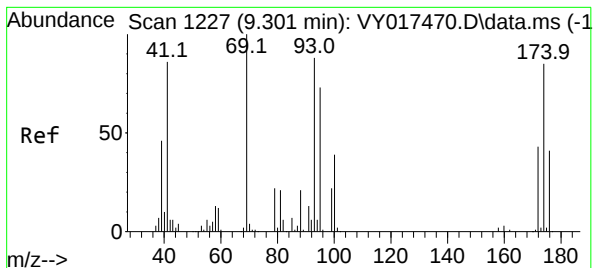
Tgt Ion: 83 Resp: 4712
Ion Ratio Lower Upper
83 100
85 64.2 50.1 75.1
127 10.5 7.4 11.0



#48
Methyl methacrylate
Concen: 2.240 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

Tgt Ion: 41 Resp: 1433
Ion Ratio Lower Upper
41 100
69 111.2 84.1 126.1
39 54.8 43.6 65.4





#49

1,4-Dioxane

Concen: 34.237 ug/l

RT: 9.307 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

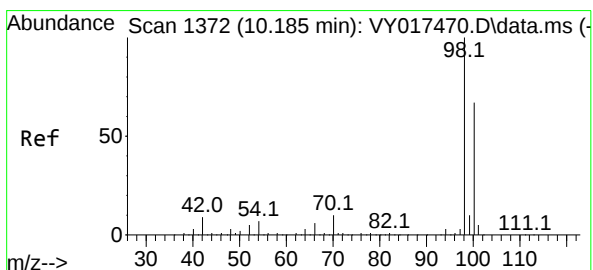
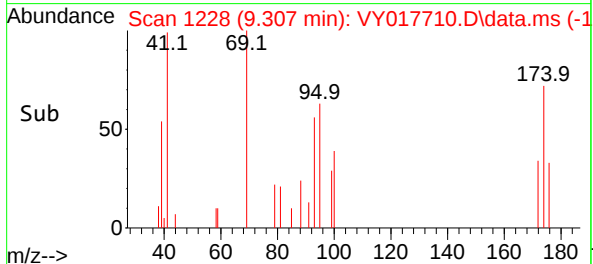
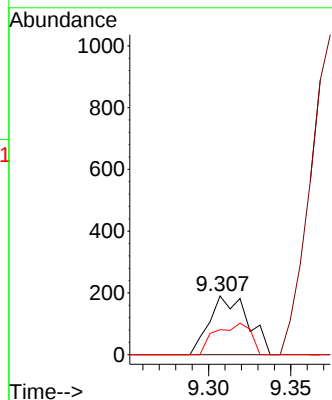
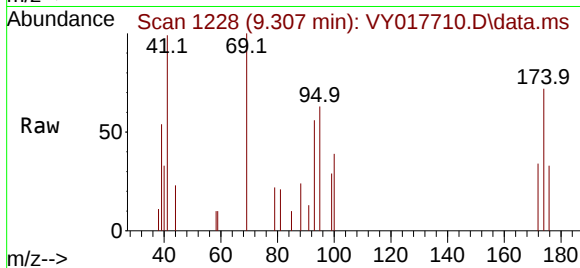
Tgt Ion: 88 Resp: 312

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 48.4 49.3 73.9#



#50

Toluene-d8

Concen: 47.328 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017710.D

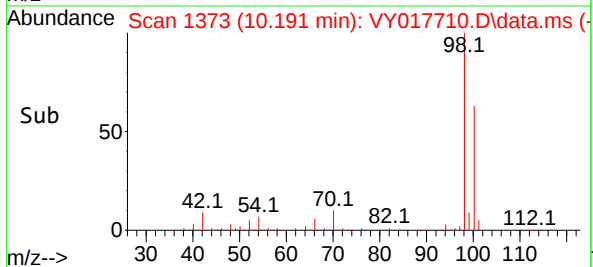
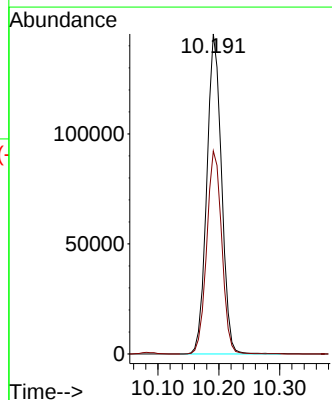
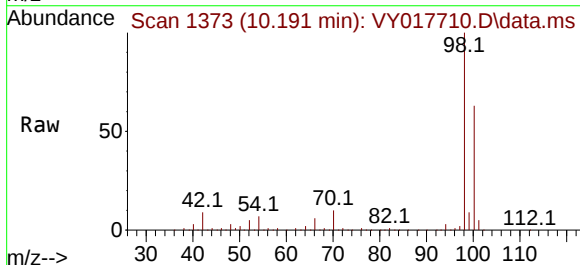
Acq: 19 Mar 2024 15:25

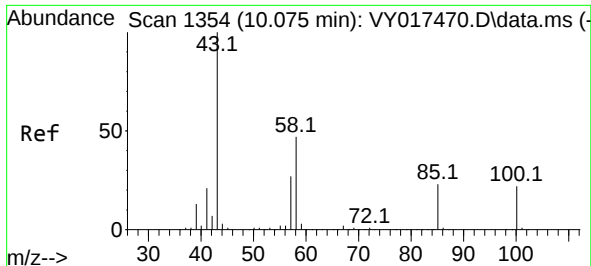
Tgt Ion: 98 Resp: 244237

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 8.493 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

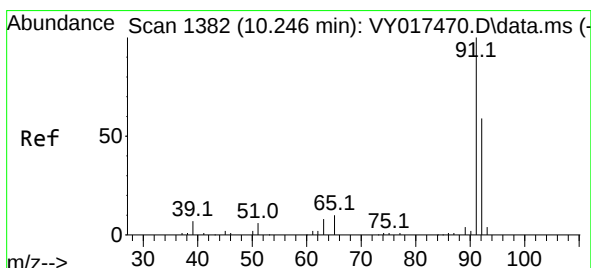
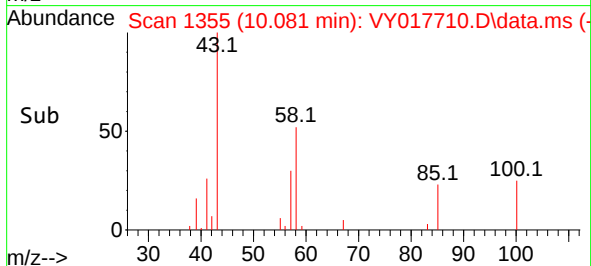
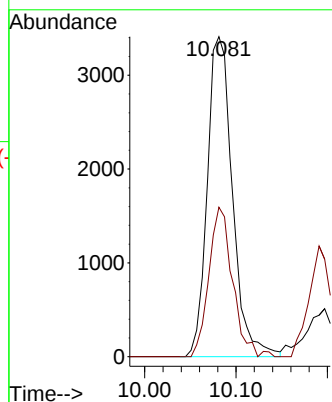
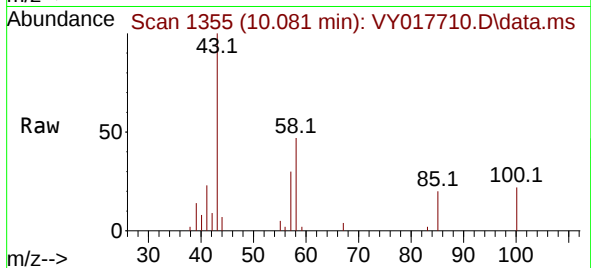
MDL03

Tgt Ion: 43 Resp: 6542

Ion Ratio Lower Upper

43 100

58 44.0 35.7 53.5



#52

Toluene

Concen: 2.342 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.012 min

Lab File: VY017710.D

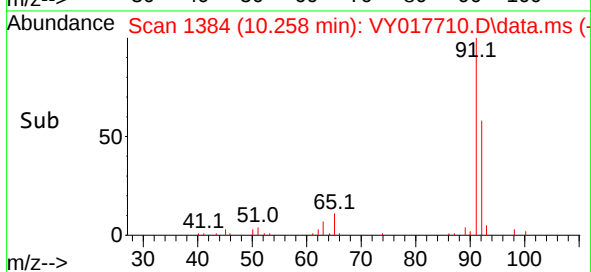
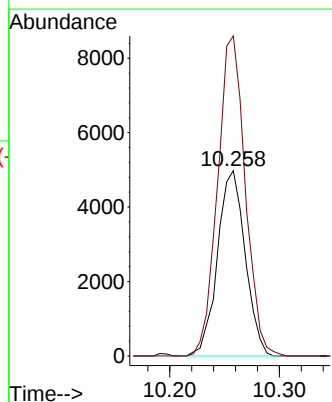
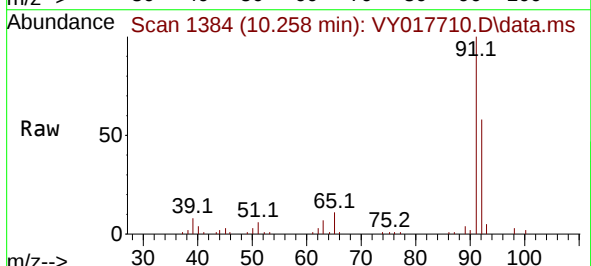
Acq: 19 Mar 2024 15:25

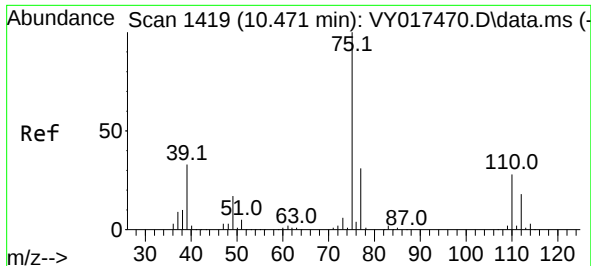
Tgt Ion: 92 Resp: 8733

Ion Ratio Lower Upper

92 100

91 172.5 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 2.066 ug/l

RT: 10.477 min Scan# 1419

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

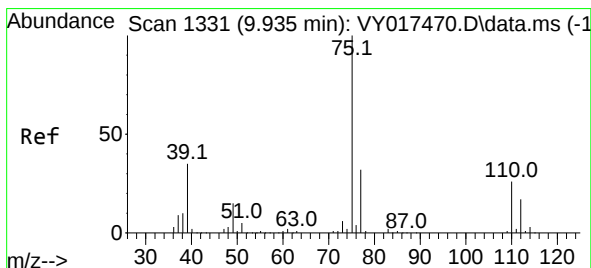
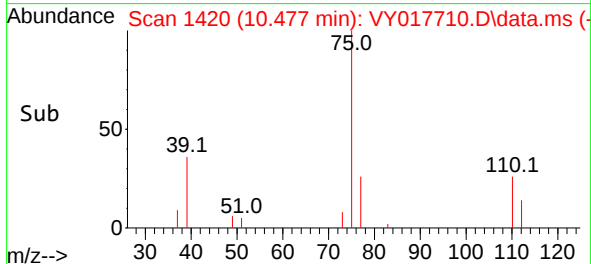
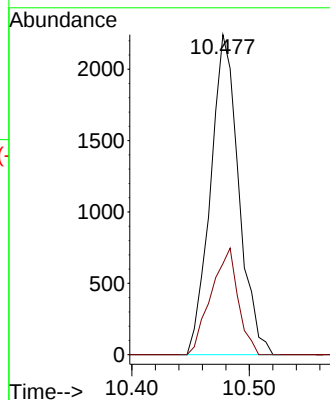
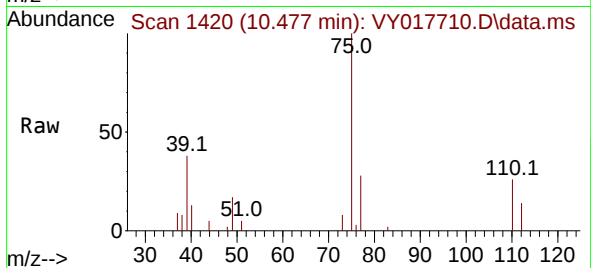
MDL03

Tgt Ion: 75 Resp: 3749

Ion Ratio Lower Upper

75 100

77 28.5 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 2.124 ug/l

RT: 9.947 min Scan# 1333

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

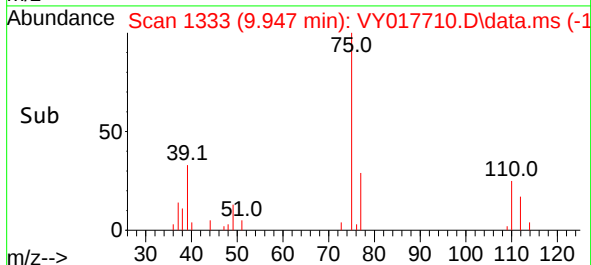
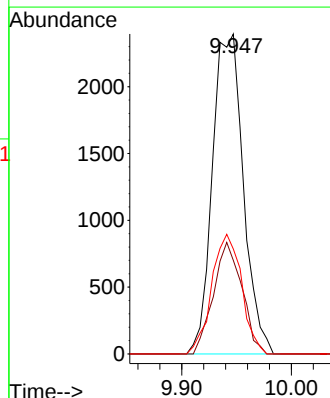
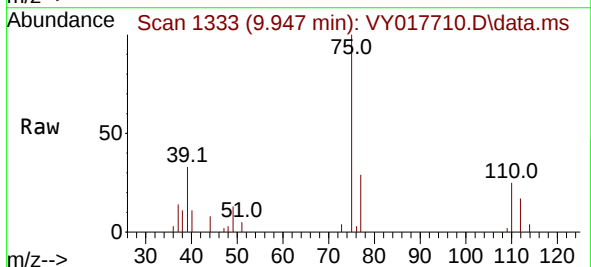
Tgt Ion: 75 Resp: 4683

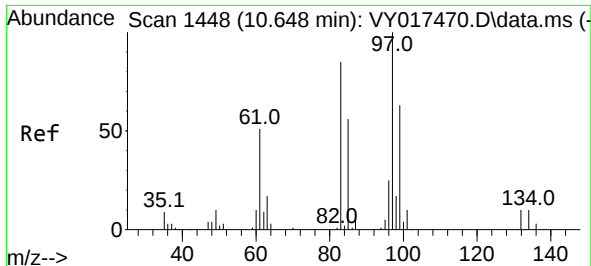
Ion Ratio Lower Upper

75 100

77 29.2 25.4 38.0

39 32.8 29.8 44.6

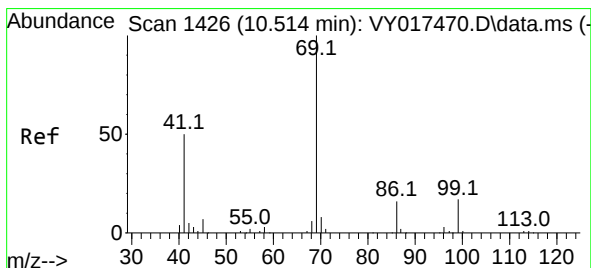
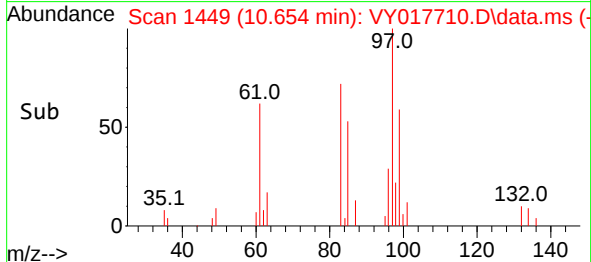
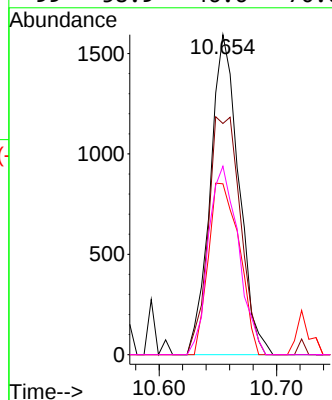
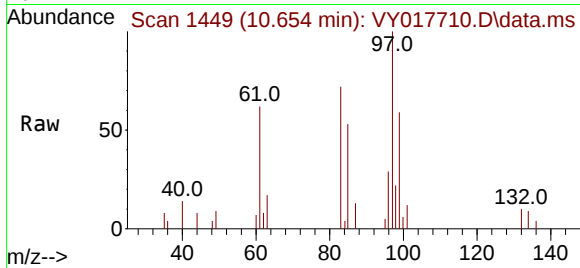




#55
1,1,2-Trichloroethane
Concen: 2.359 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

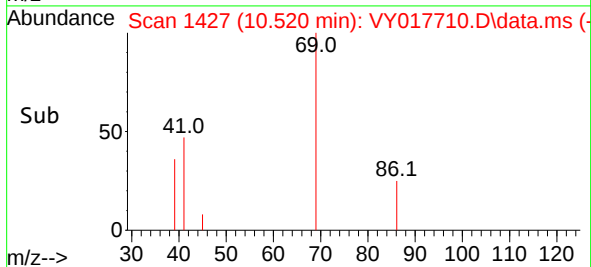
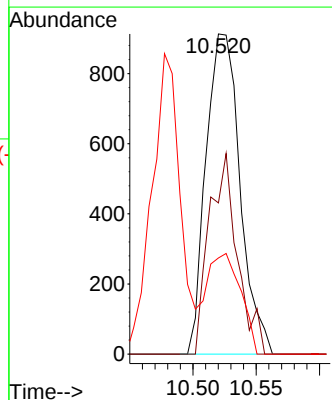
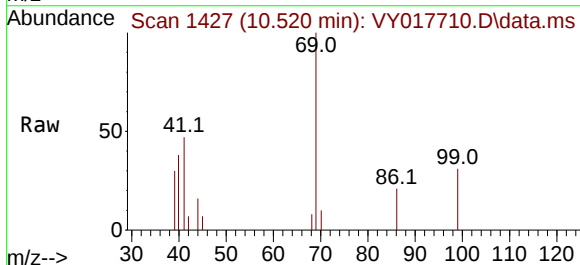
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

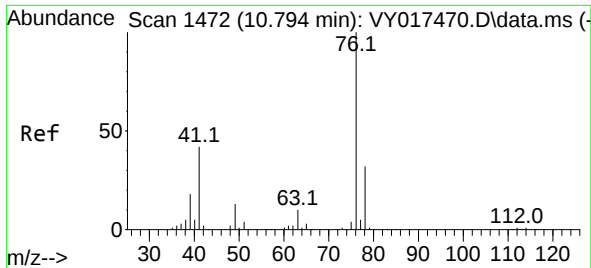
Tgt Ion: 97	Resp: 2697
Ion Ratio	Lower Upper
97 100	
83 72.3	67.5 101.3
85 53.4	42.9 64.3
99 58.9	46.6 70.0



#56
Ethyl methacrylate
Concen: 3.692 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

Tgt Ion: 69	Resp: 1711
Ion Ratio	Lower Upper
69 100	
41 51.8	42.3 63.5
39 31.7	22.9 34.3





#57

1,3-Dichloropropane

Concen: 2.242 ug/l

RT: 10.801 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

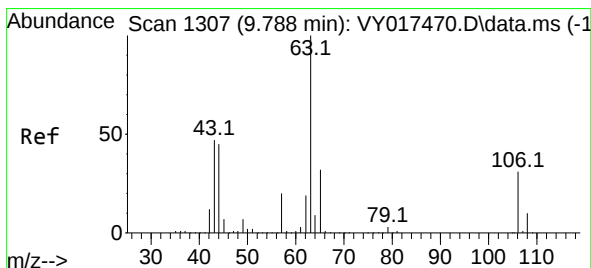
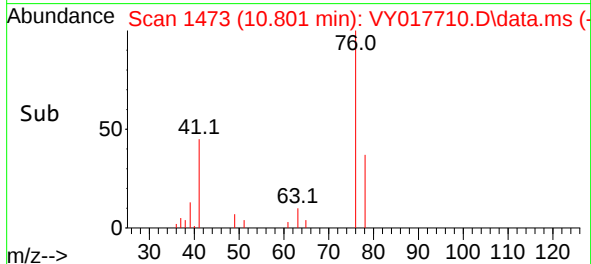
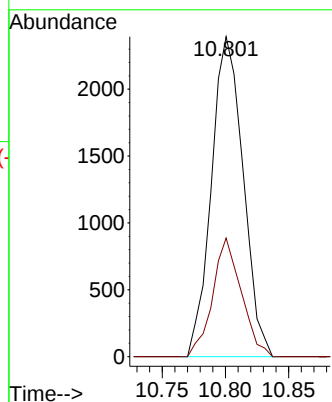
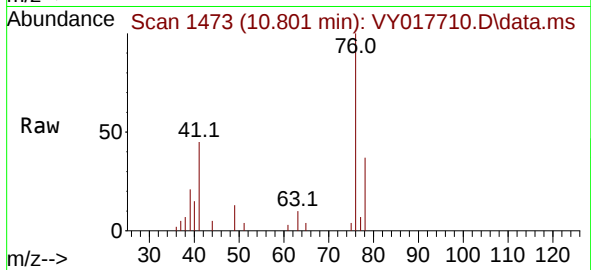
MDL03

Tgt Ion: 76 Resp: 4168

Ion Ratio Lower Upper

76 100

78 33.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 6.556 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY017710.D

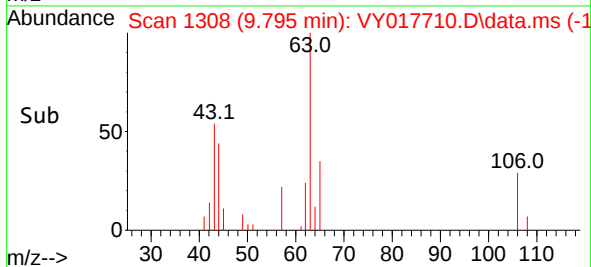
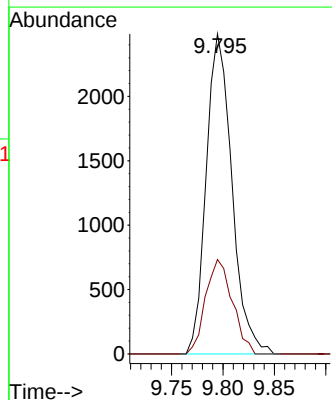
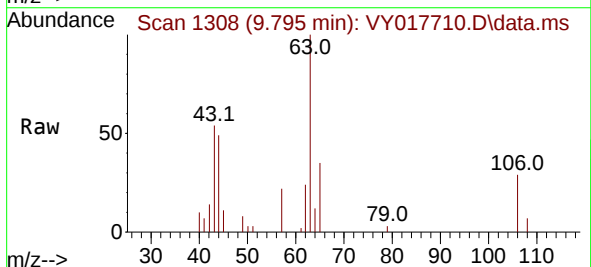
Acq: 19 Mar 2024 15:25

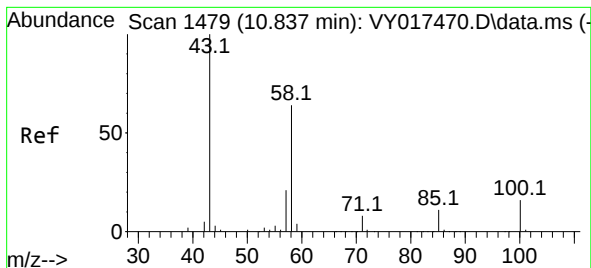
Tgt Ion: 63 Resp: 4325

Ion Ratio Lower Upper

63 100

106 30.7 23.7 35.5





#59

2-Hexanone

Concen: 9.707 ug/l

RT: 10.843 min Scan# 1479

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

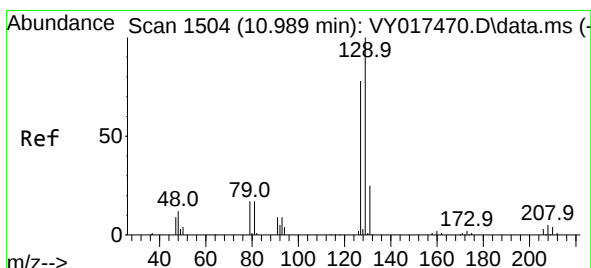
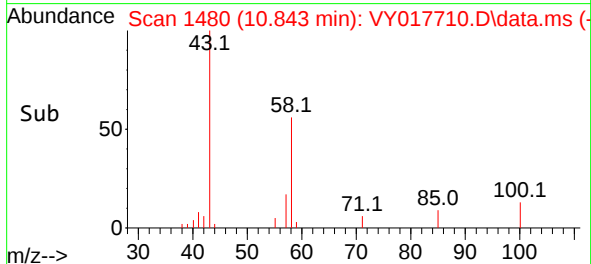
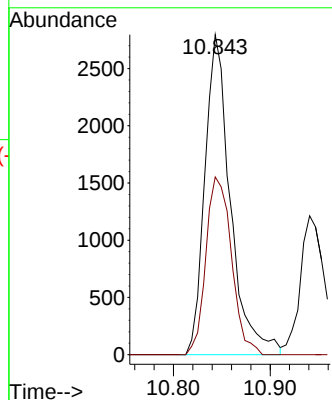
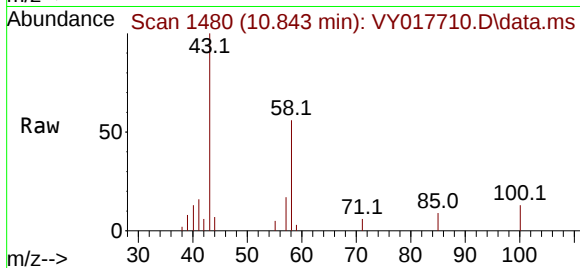
MDL03

Tgt Ion: 43 Resp: 5136

Ion Ratio Lower Upper

43 100

58 55.6 31.4 94.0



#60

Dibromochloromethane

Concen: 2.487 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. 0.006 min

Lab File: VY017710.D

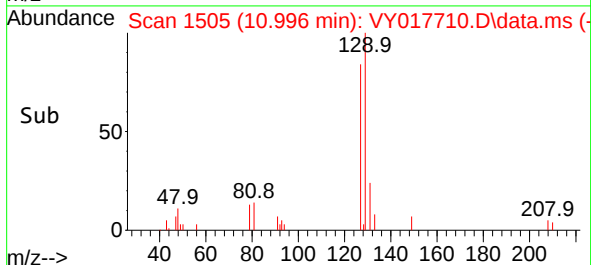
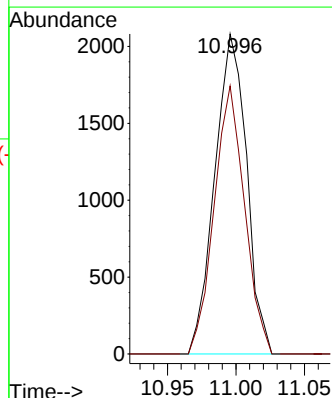
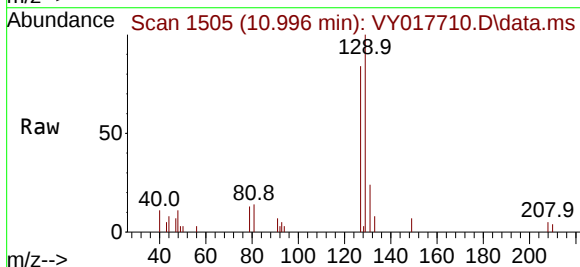
Acq: 19 Mar 2024 15:25

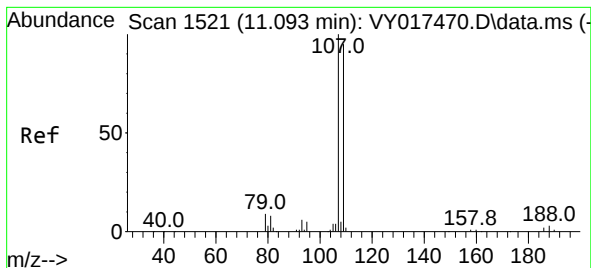
Tgt Ion: 129 Resp: 3364

Ion Ratio Lower Upper

129 100

127 80.1 39.0 117.0





#61

1,2-Dibromoethane

Concen: 2.241 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

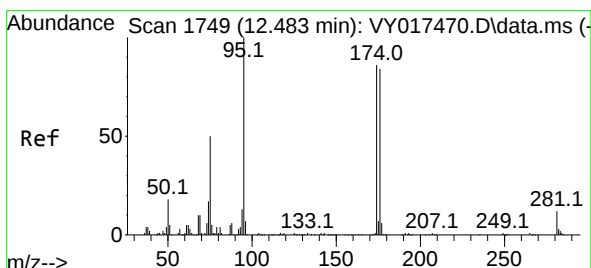
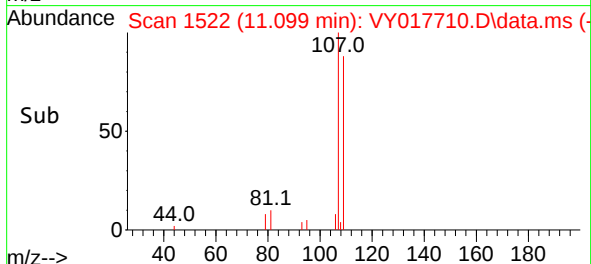
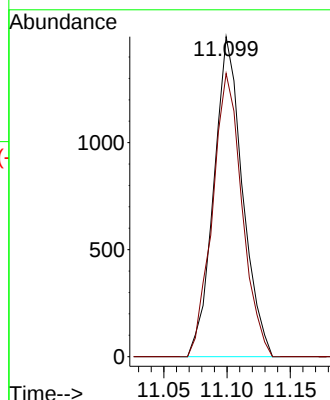
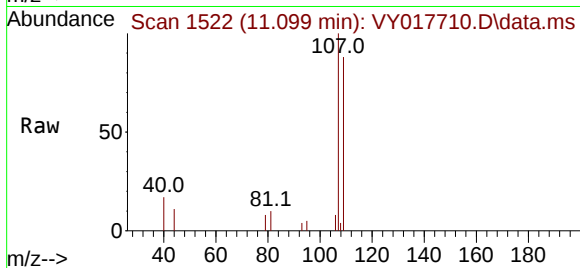
MDL03

Tgt Ion:107 Resp: 2361

Ion Ratio Lower Upper

107 100

109 91.0 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 41.972 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

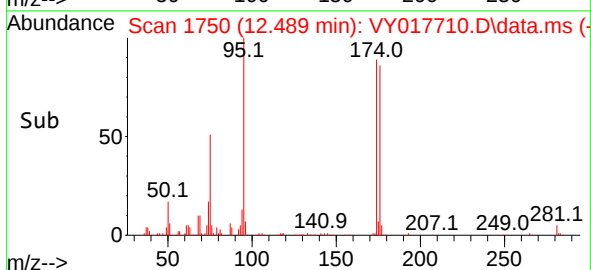
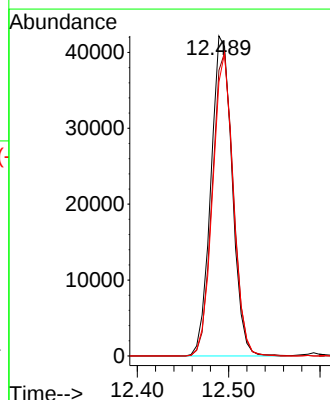
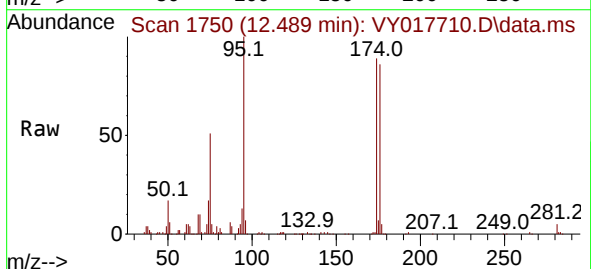
Tgt Ion: 95 Resp: 68071

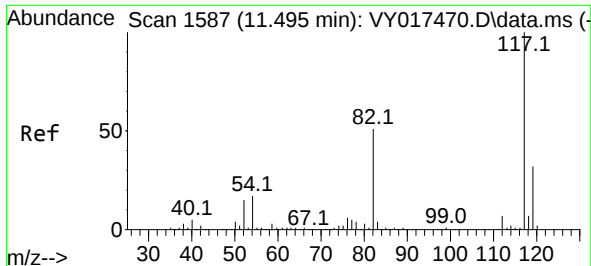
Ion Ratio Lower Upper

95 100

174 93.7 0.0 175.6

176 91.4 0.0 171.4

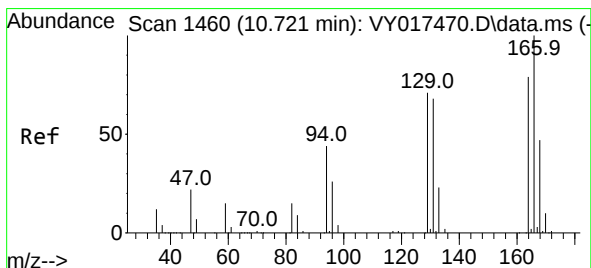
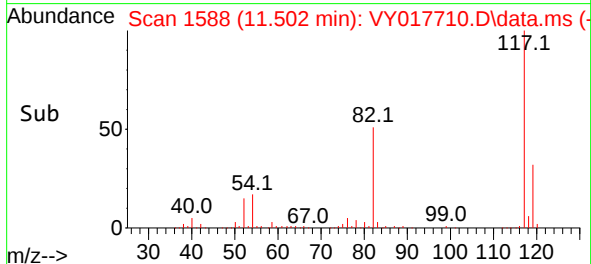
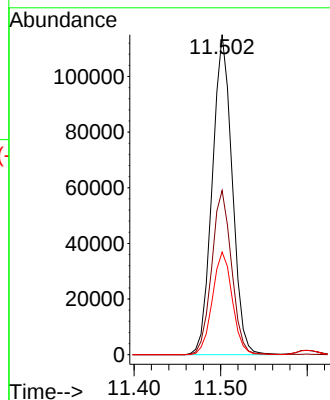
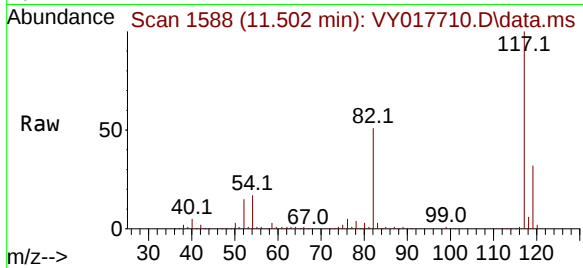




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

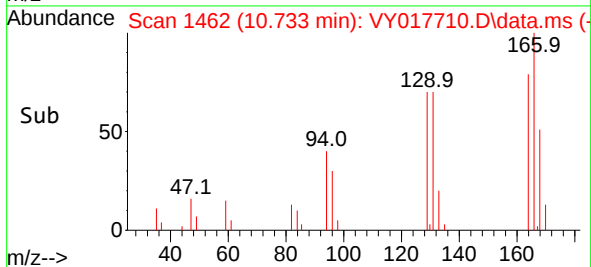
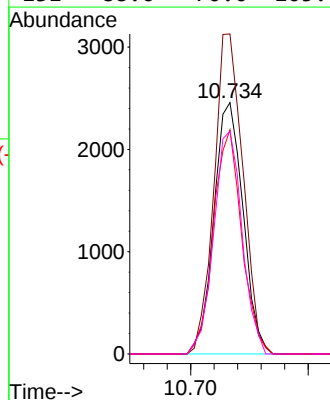
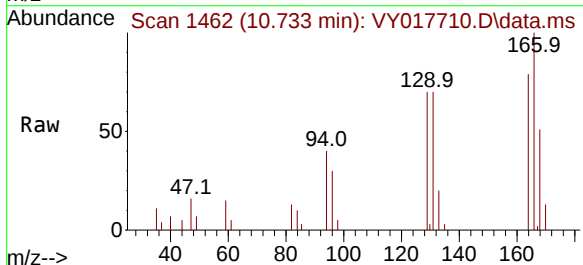
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

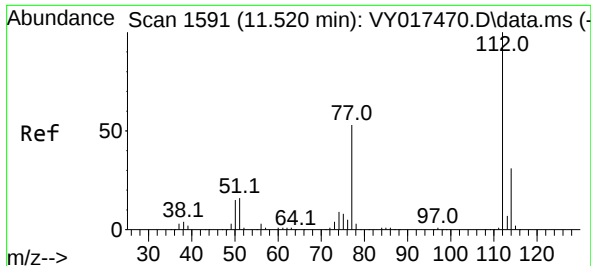
Tgt Ion:117 Resp: 183550
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 32.1 25.9 38.9



#64
Tetrachloroethene
Concen: 2.406 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. 0.012 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

Tgt Ion:164 Resp: 4239
Ion Ratio Lower Upper
164 100
166 127.3 102.6 154.0
129 89.2 72.0 108.0
131 88.6 70.0 105.0

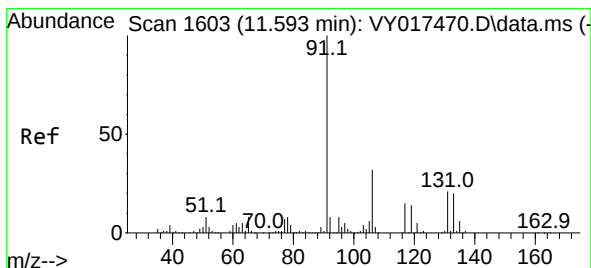
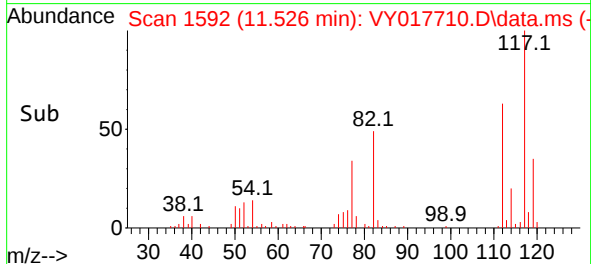
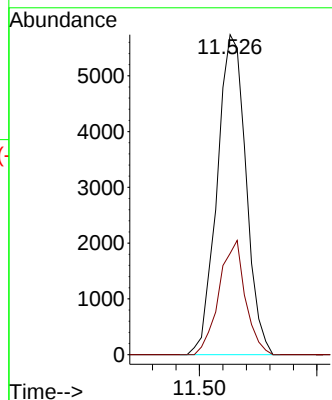
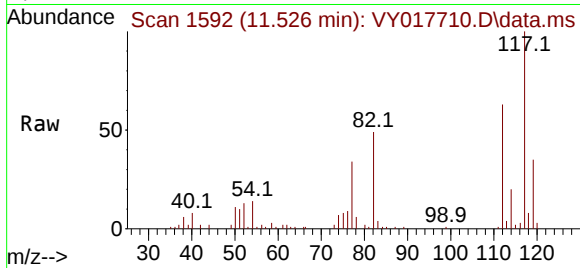




#65
Chlorobenzene
Concen: 2.512 ug/l
RT: 11.526 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

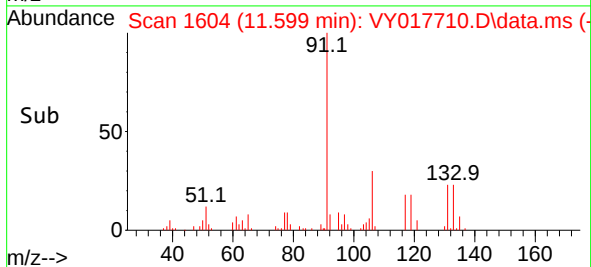
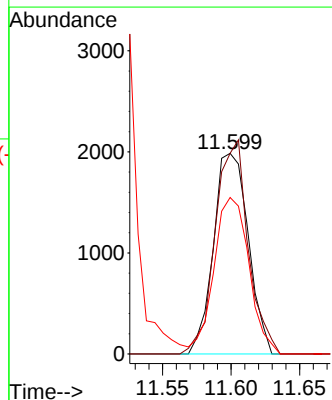
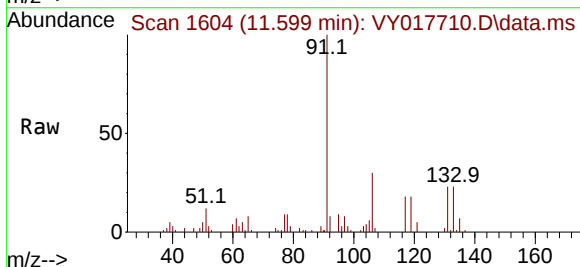
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

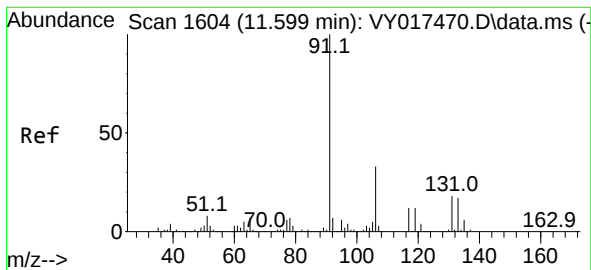
Tgt Ion:112 Resp: 9786
Ion Ratio Lower Upper
112 100
114 31.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.406 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

Tgt Ion:131 Resp: 3511
Ion Ratio Lower Upper
131 100
133 100.7 47.8 143.3
119 78.4 34.1 102.2





#67

Ethyl Benzene

Concen: 2.105 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

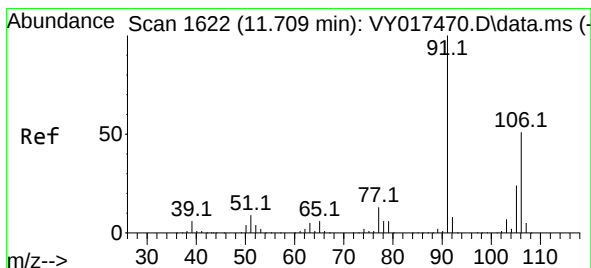
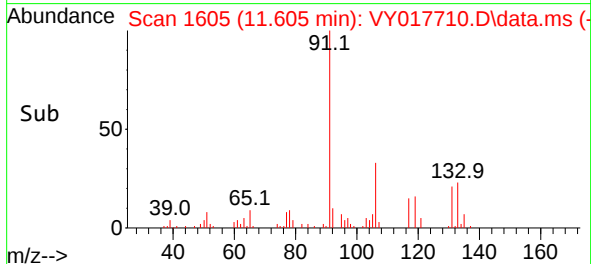
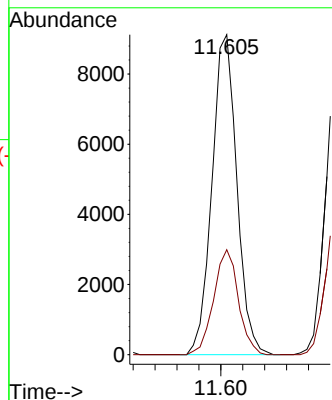
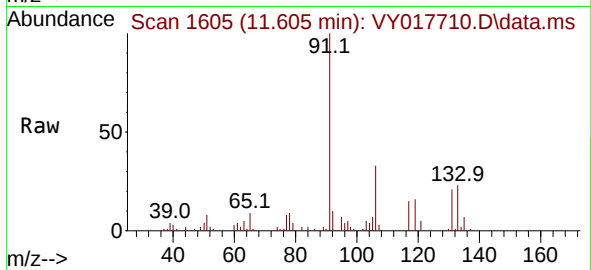
MDL03

Tgt Ion: 91 Resp: 14380

Ion Ratio Lower Upper

91 100

106 32.8 24.5 36.7



#68

m/p-Xylenes

Concen: 4.092 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017710.D

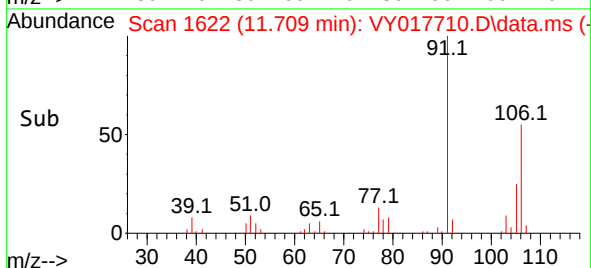
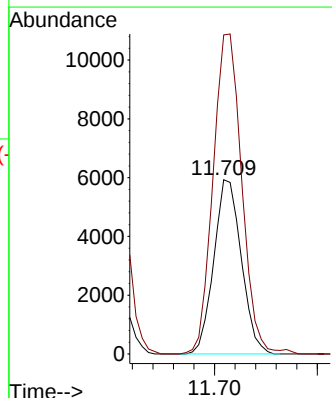
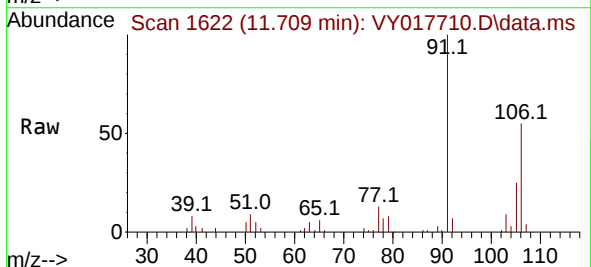
Acq: 19 Mar 2024 15:25

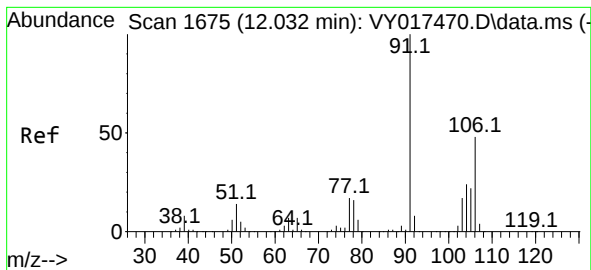
Tgt Ion:106 Resp: 10987

Ion Ratio Lower Upper

106 100

91 191.8 156.0 234.0





#69

o-Xylene

Concen: 1.985 ug/l

RT: 12.038 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

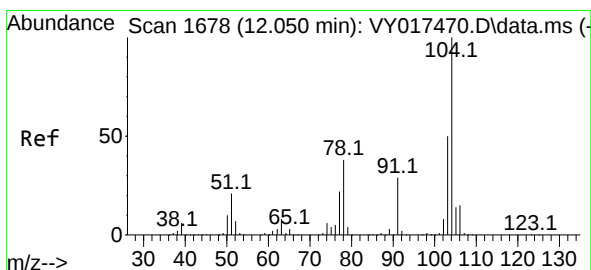
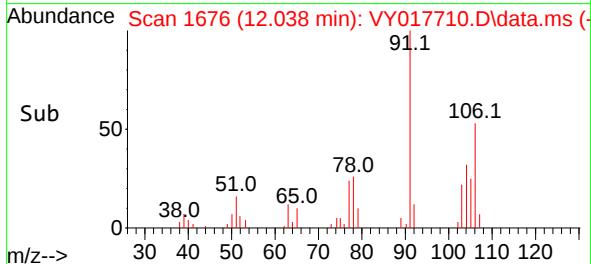
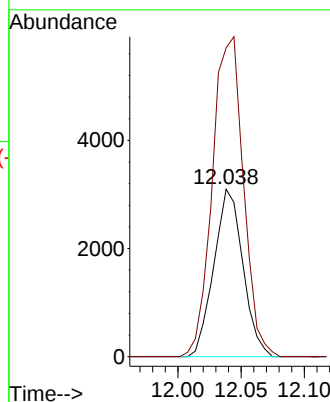
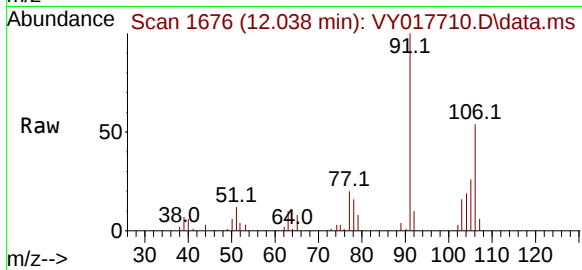
MDL03

Tgt Ion:106 Resp: 4943

Ion Ratio Lower Upper

106 100

91 204.3 103.6 310.8



#70

Styrene

Concen: 1.581 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

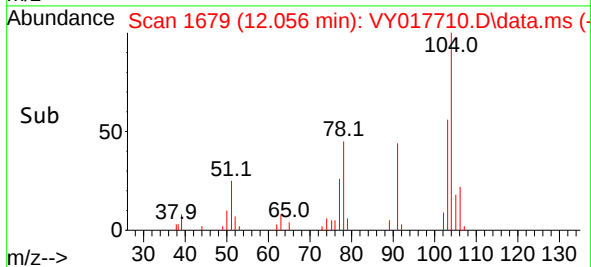
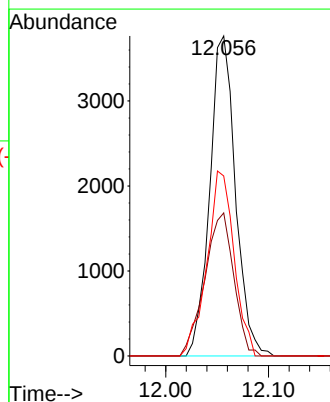
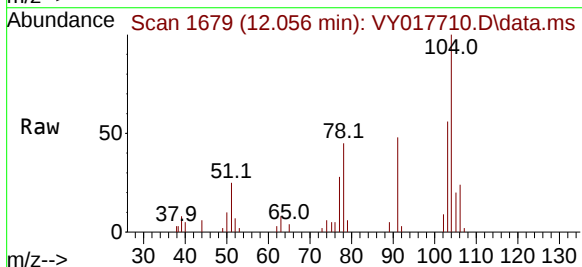
Tgt Ion:104 Resp: 6537

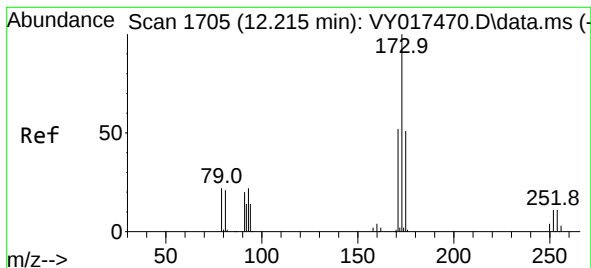
Ion Ratio Lower Upper

104 100

78 50.4 37.0 55.4

103 60.9 44.2 66.2





#71

Bromoform

Concen: 2.207 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

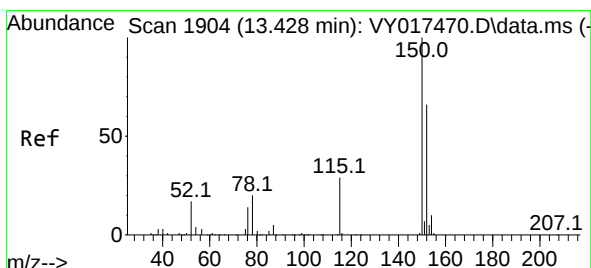
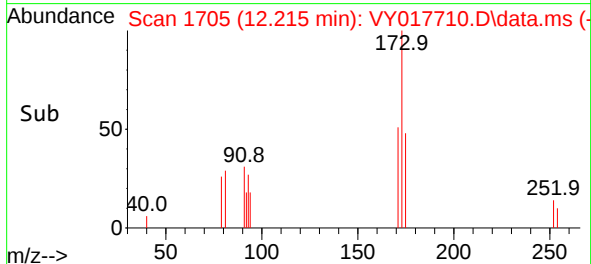
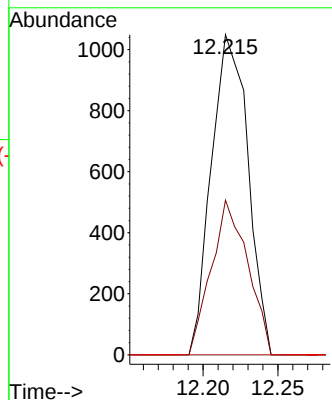
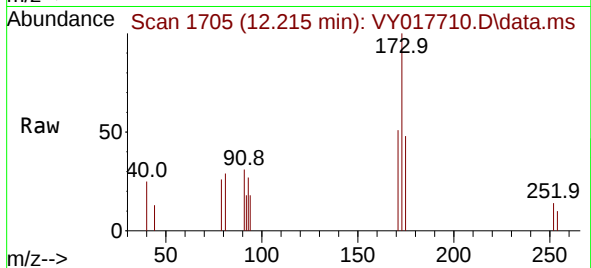
Tgt Ion:173 Resp: 1785

Ion Ratio Lower Upper

173 100

175 48.2 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

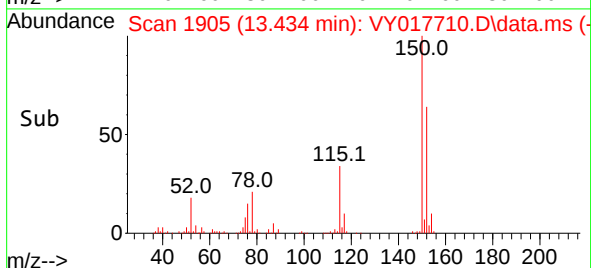
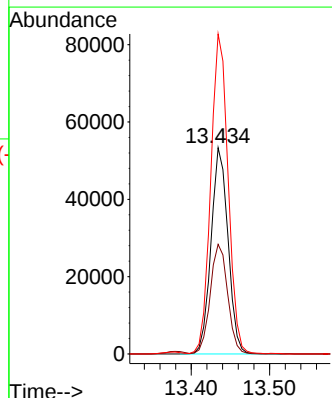
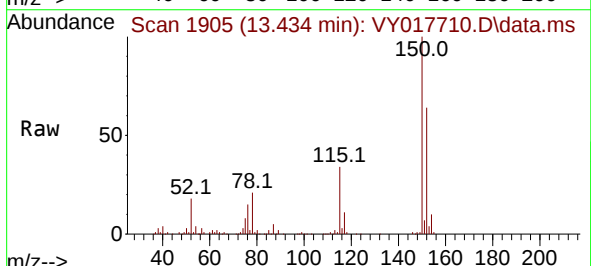
Tgt Ion:152 Resp: 80281

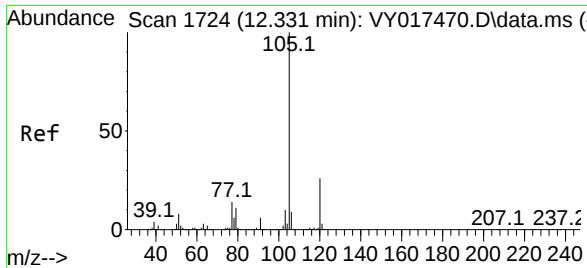
Ion Ratio Lower Upper

152 100

115 54.4 28.2 84.7

150 157.7 0.0 345.6

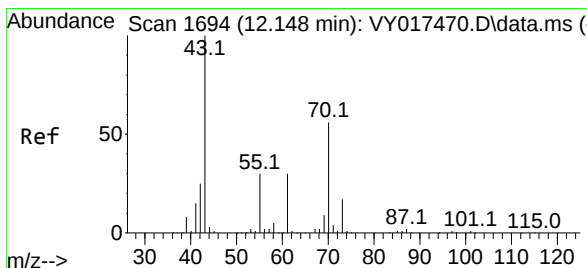
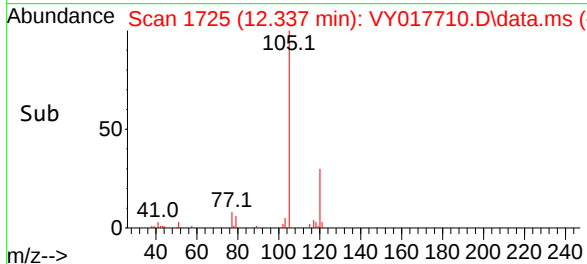
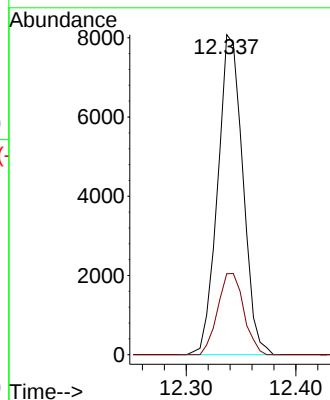
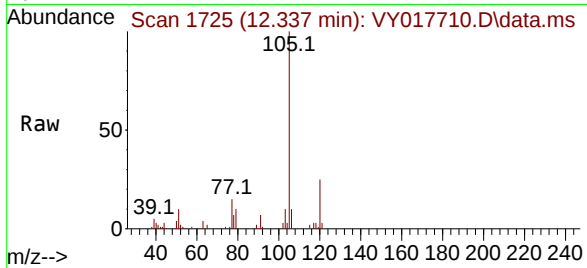




#73
Isopropylbenzene
Concen: 2.159 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

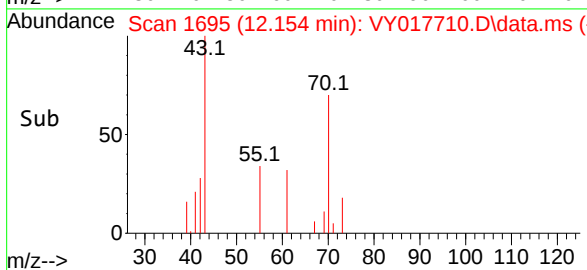
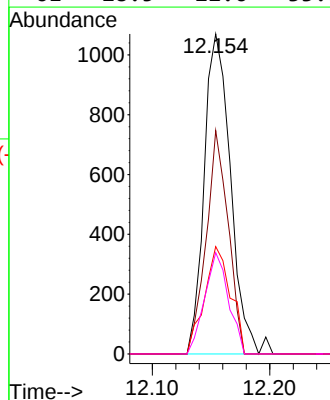
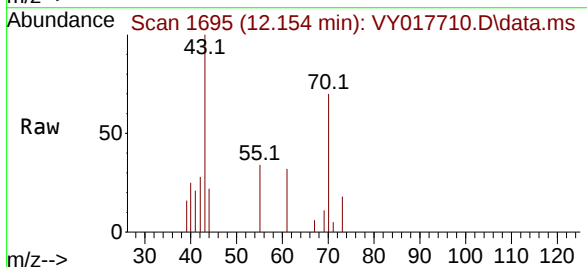
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

Tgt Ion:105 Resp: 12876
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1



#74
N-ethyl acetate
Concen: 1.590 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

Tgt Ion: 43 Resp: 1673
Ion Ratio Lower Upper
43 100
70 58.3 41.4 62.2
55 33.1 23.3 34.9
61 28.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 2.614 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

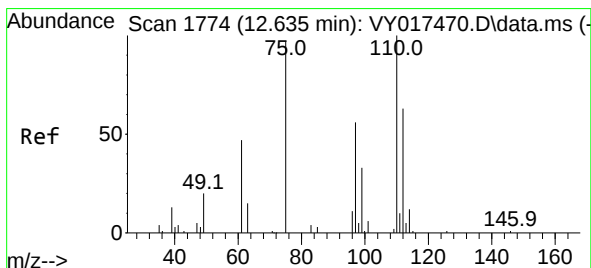
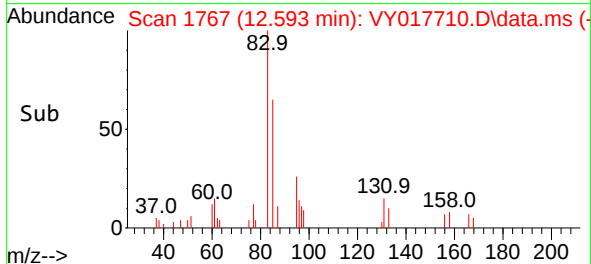
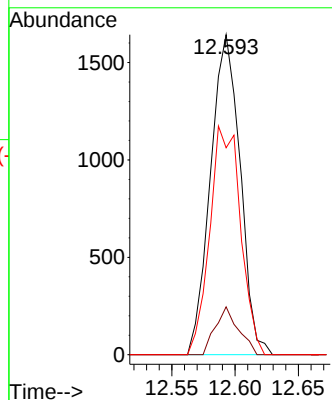
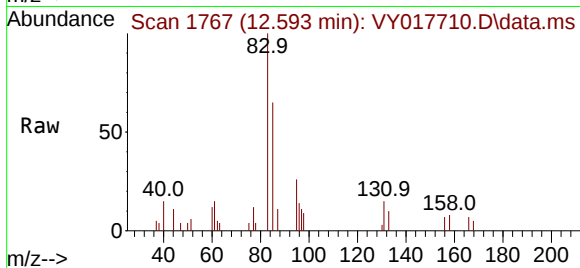
Tgt Ion: 83 Resp: 2677

Ion Ratio Lower Upper

83 100

131 11.7 5.0 14.9

85 73.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 4.430 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY017710.D

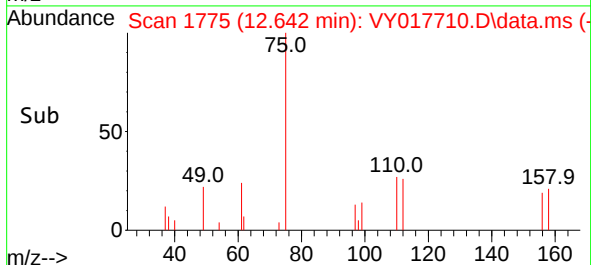
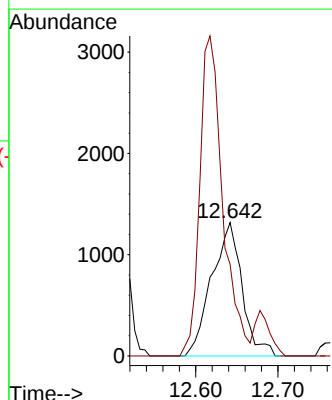
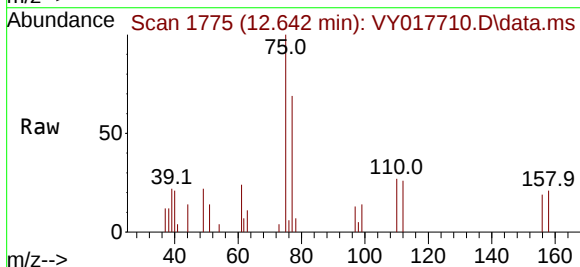
Acq: 19 Mar 2024 15:25

Tgt Ion: 75 Resp: 3379

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.751 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

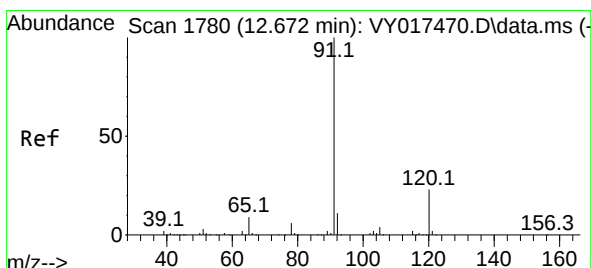
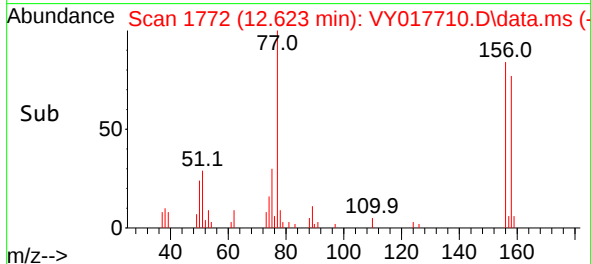
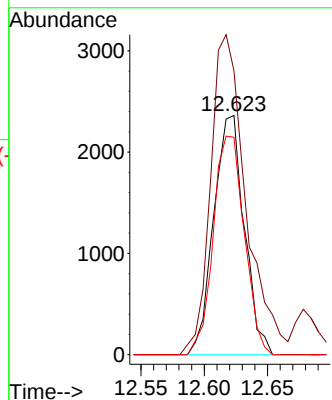
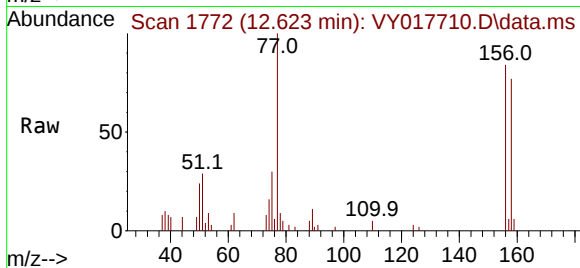
Tgt Ion:156 Resp: 3973

Ion Ratio Lower Upper

156 100

77 154.5 87.1 261.3

158 92.5 48.6 145.9



#78

n-propylbenzene

Concen: 2.354 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.012 min

Lab File: VY017710.D

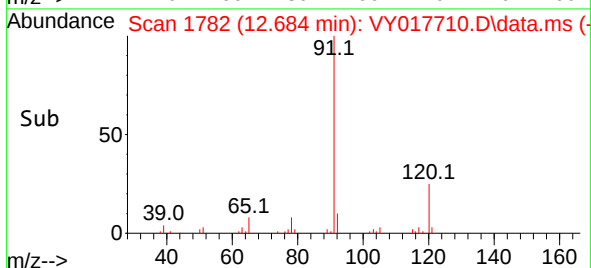
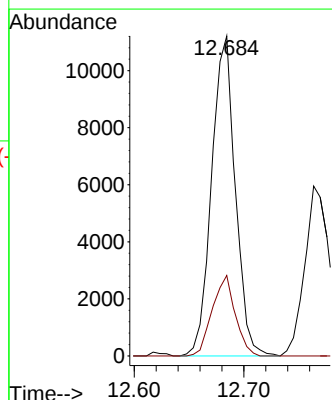
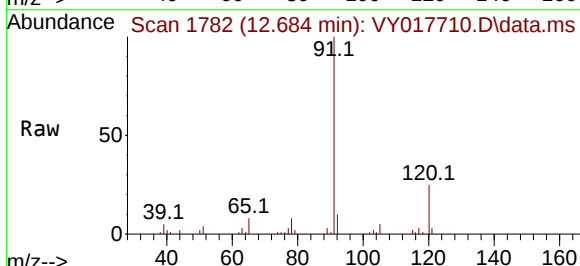
Acq: 19 Mar 2024 15:25

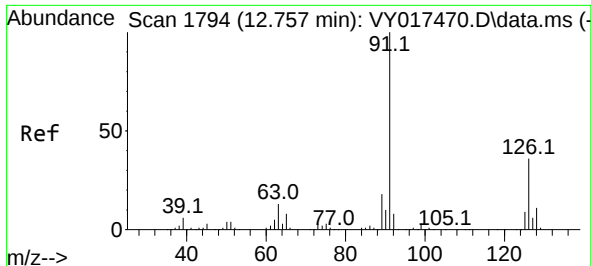
Tgt Ion: 91 Resp: 16848

Ion Ratio Lower Upper

91 100

120 24.4 11.5 34.4

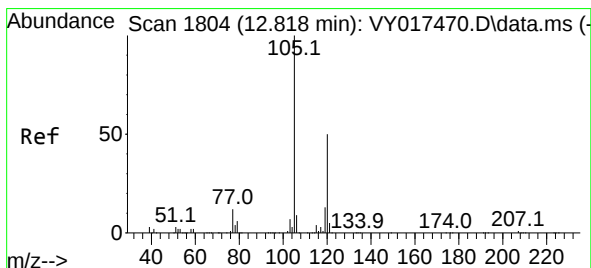
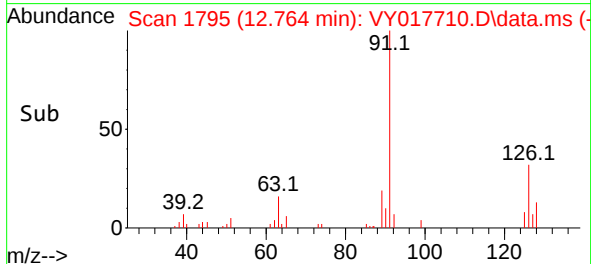
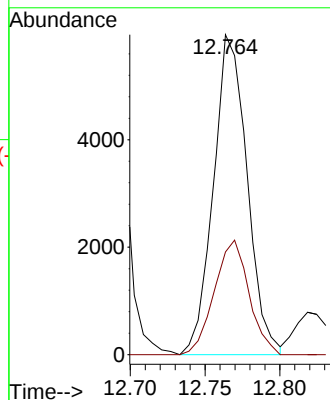
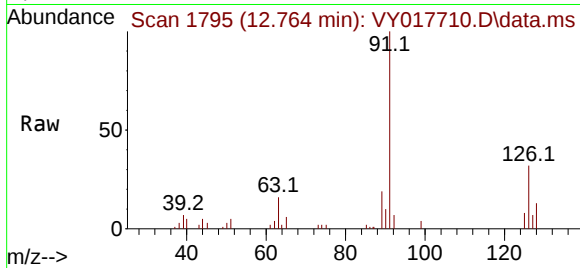




#79
2-Chlorotoluene
Concen: 2.328 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

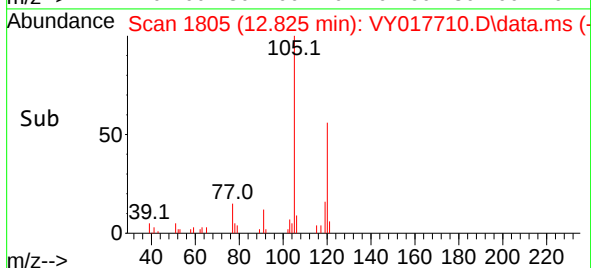
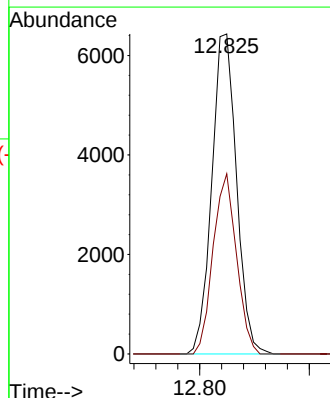
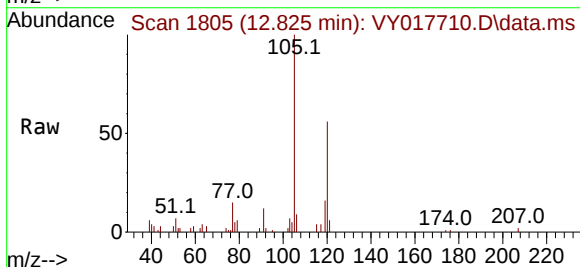
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

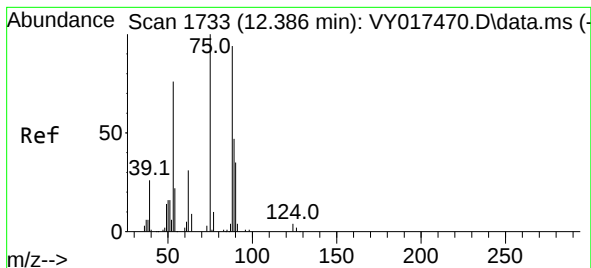
Tgt Ion: 91 Resp: 9328
Ion Ratio Lower Upper
91 100
126 36.8 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 2.109 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

Tgt Ion: 105 Resp: 10078
Ion Ratio Lower Upper
105 100
120 53.2 25.1 75.2

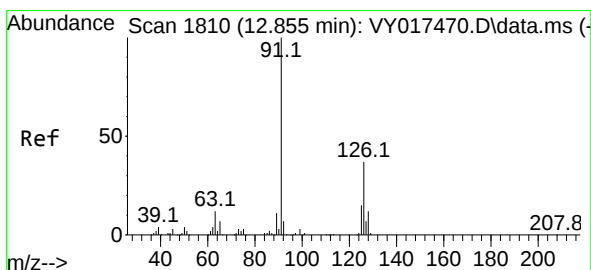
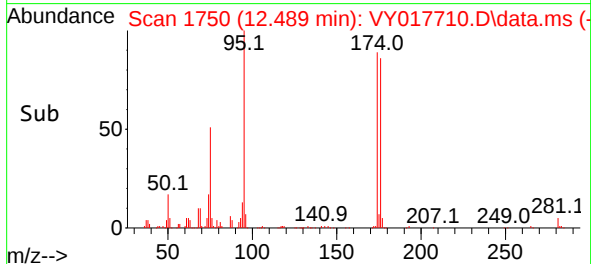
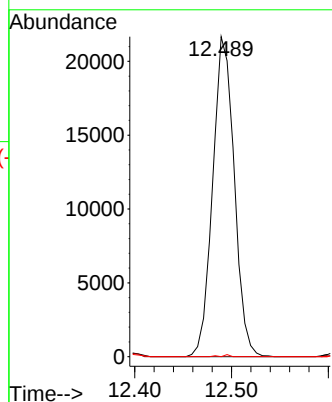
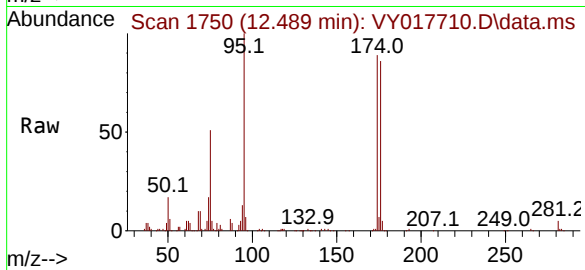




#81
trans-1,4-Dichloro-2-butene
Concen: 101.244 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

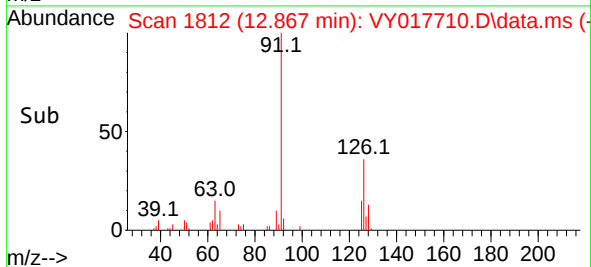
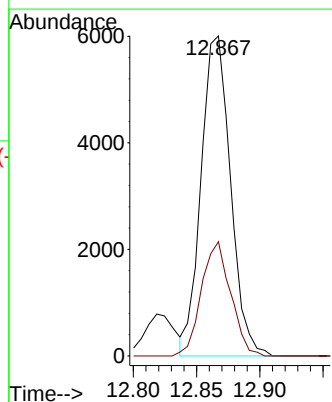
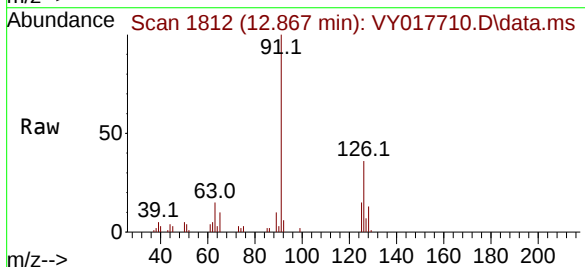
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

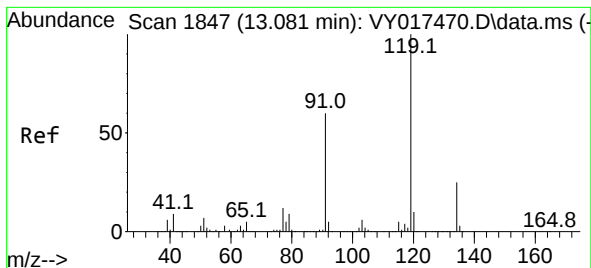
Tgt Ion: 75 Resp: 33610
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#



#82
4-Chlorotoluene
Concen: 2.374 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.012 min
Lab File: VY017710.D
Acq: 19 Mar 2024 15:25

Tgt Ion: 91 Resp: 9731
Ion Ratio Lower Upper
91 100
126 35.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 2.232 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

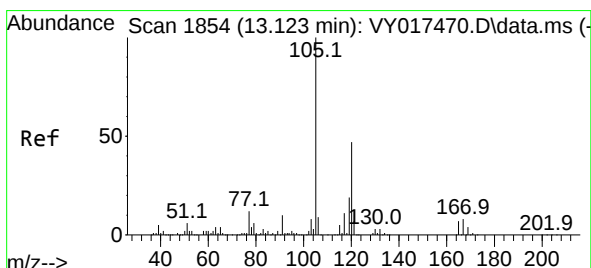
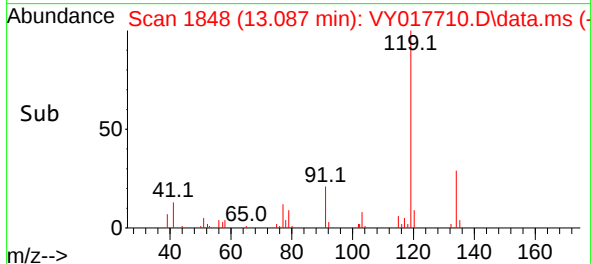
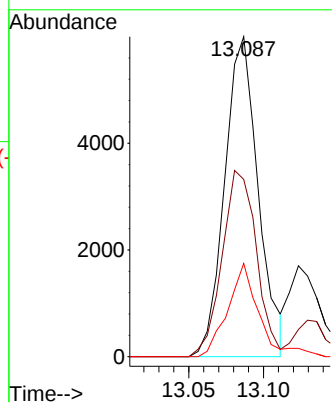
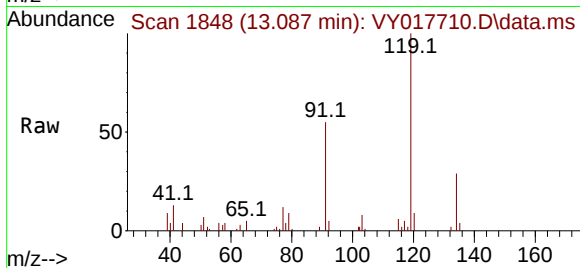
Tgt Ion:119 Resp: 9364

Ion Ratio Lower Upper

119 100

91 59.3 31.3 93.8

134 27.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 2.035 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY017710.D

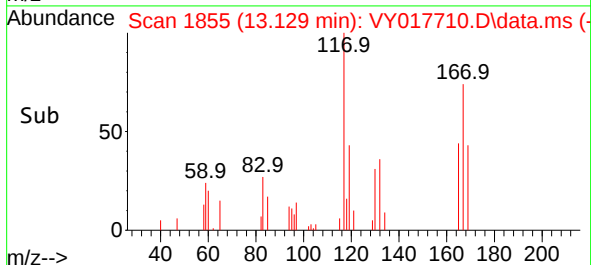
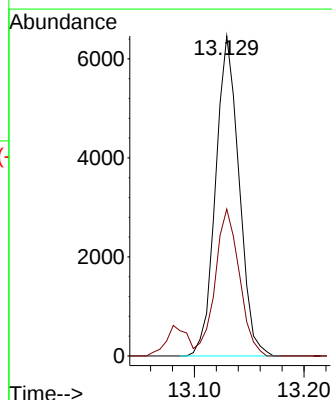
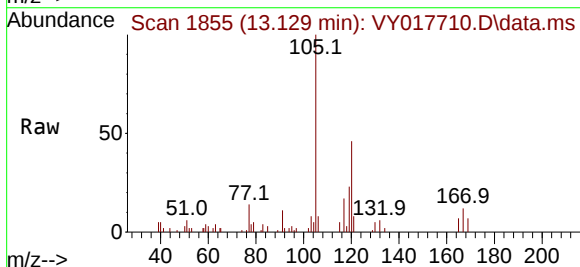
Acq: 19 Mar 2024 15:25

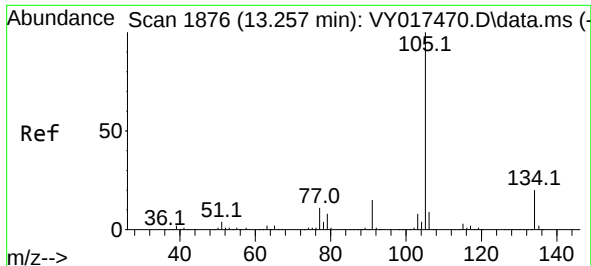
Tgt Ion:105 Resp: 9602

Ion Ratio Lower Upper

105 100

120 47.5 23.2 69.6

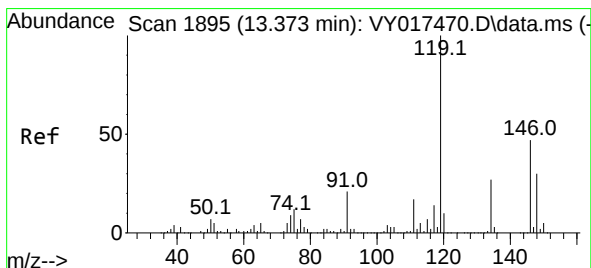
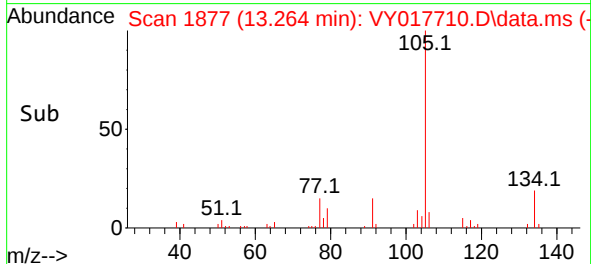
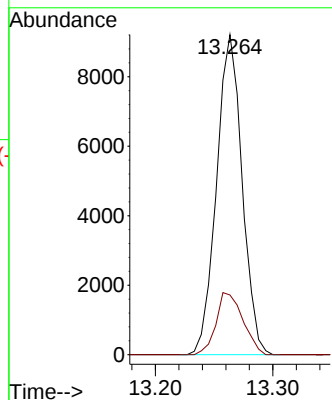
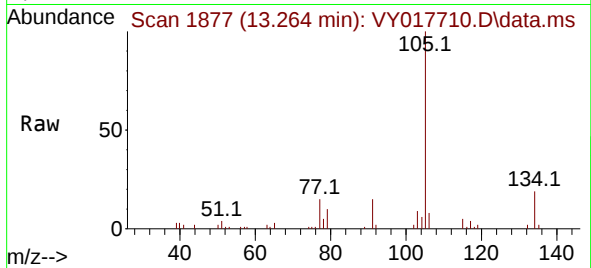




#85
 sec-Butylbenzene
 Concen: 2.173 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VY017710.D
 Acq: 19 Mar 2024 15:25

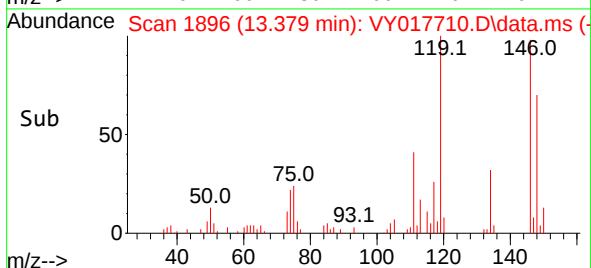
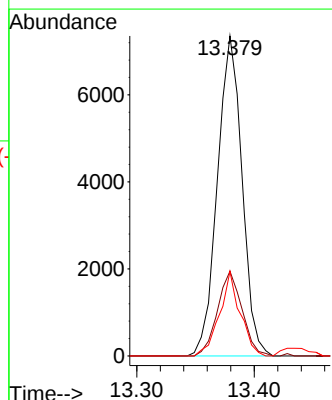
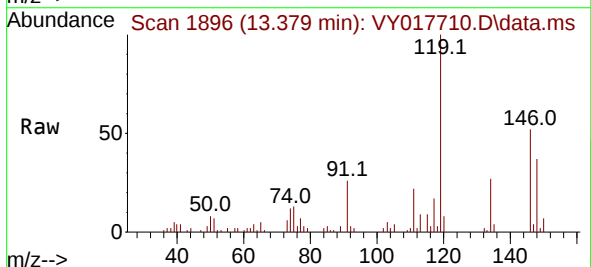
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL03

Tgt Ion:105 Resp: 13939
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 2.041 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.006 min
 Lab File: VY017710.D
 Acq: 19 Mar 2024 15:25

Tgt Ion:119 Resp: 10717
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 22.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 2.390 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

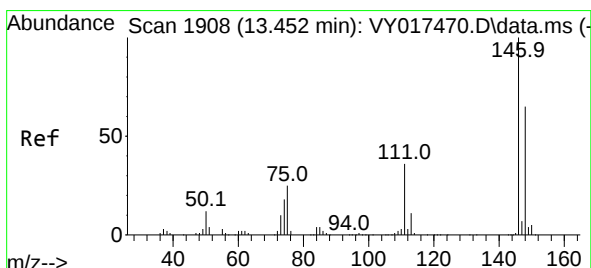
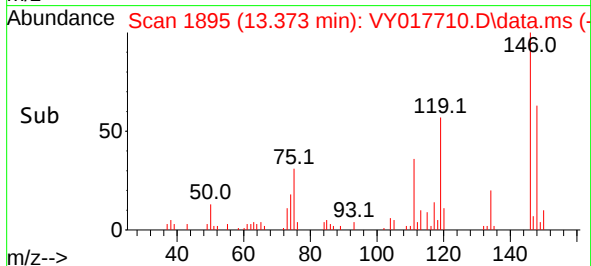
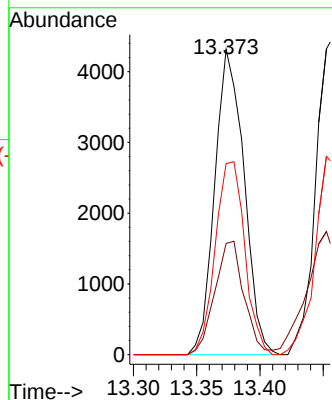
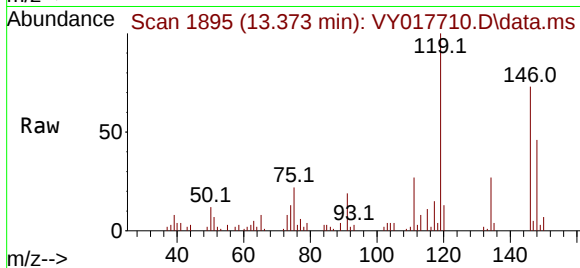
Tgt Ion:146 Resp: 6929

Ion Ratio Lower Upper

146 100

111 37.3 19.0 57.0

148 63.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 2.558 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

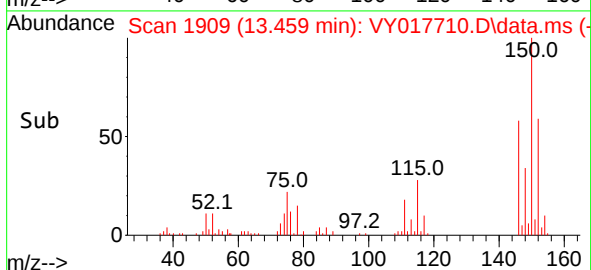
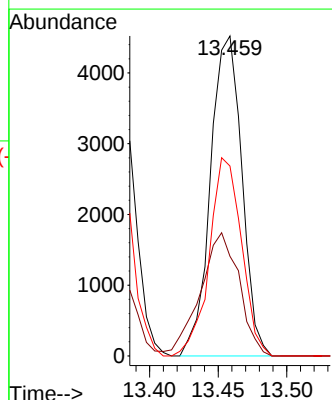
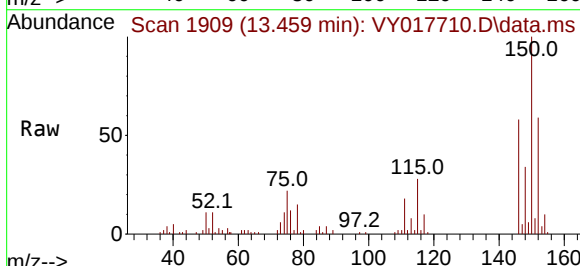
Tgt Ion:146 Resp: 7210

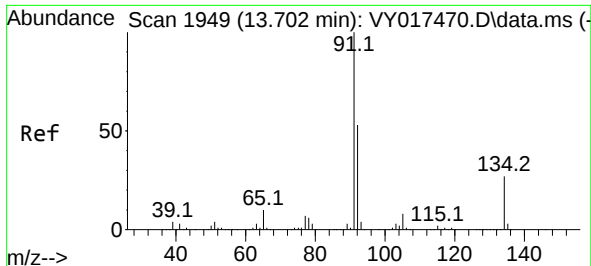
Ion Ratio Lower Upper

146 100

111 47.6 18.4 55.4

148 63.4 32.4 97.2





#89

n-Butylbenzene

Concen: 2.179 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

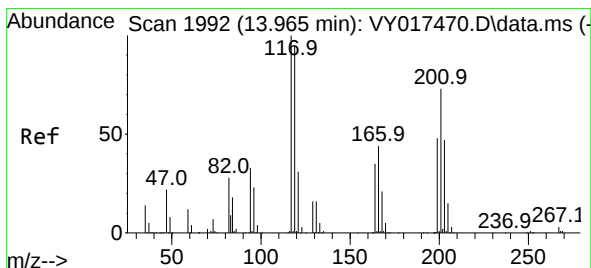
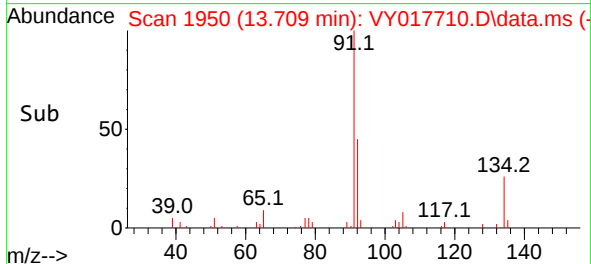
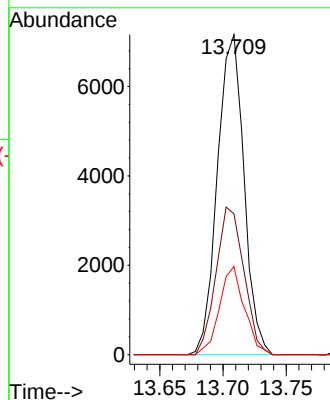
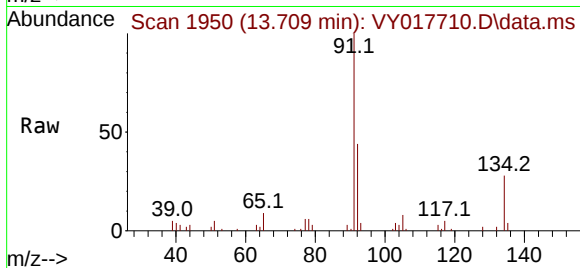
Tgt Ion: 91 Resp: 10442

Ion Ratio Lower Upper

91 100

92 48.4 26.6 79.7

134 26.0 12.9 38.7



#90

Hexachloroethane

Concen: 2.870 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY017710.D

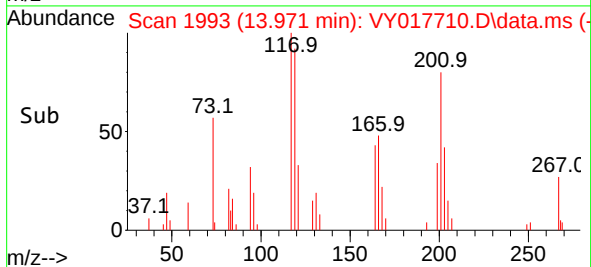
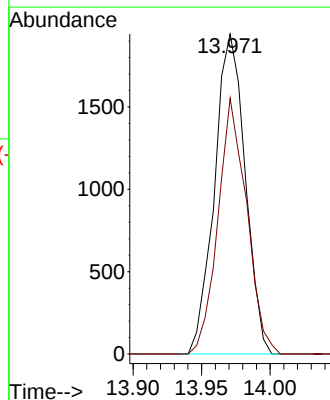
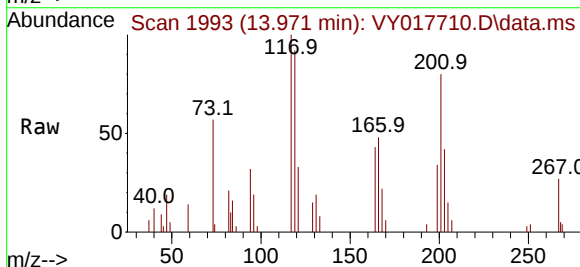
Acq: 19 Mar 2024 15:25

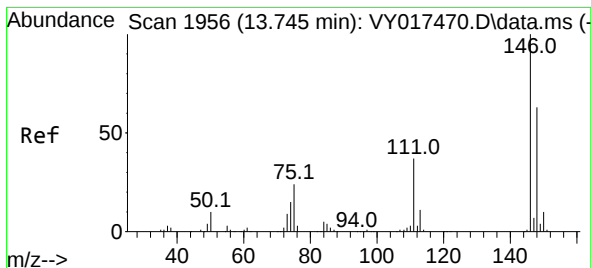
Tgt Ion: 117 Resp: 3022

Ion Ratio Lower Upper

117 100

201 74.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 2.389 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

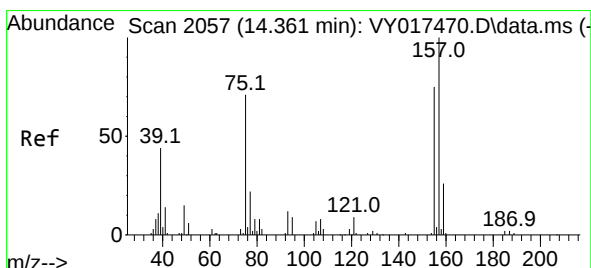
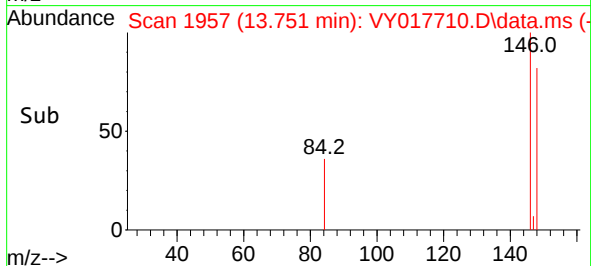
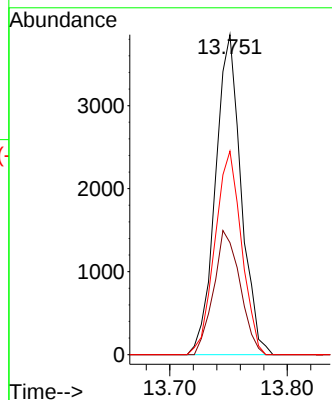
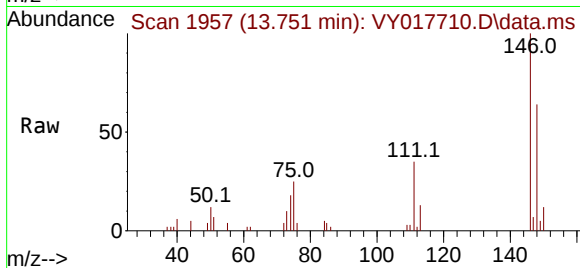
Tgt Ion:146 Resp: 5858

Ion Ratio Lower Upper

146 100

111 39.9 19.9 59.7

148 65.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.931 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

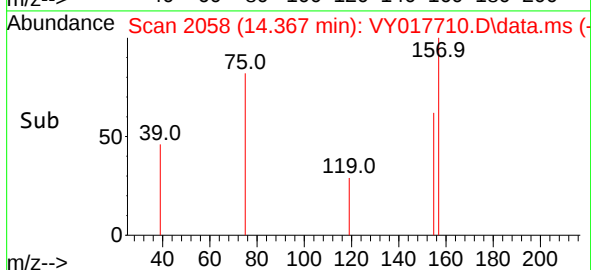
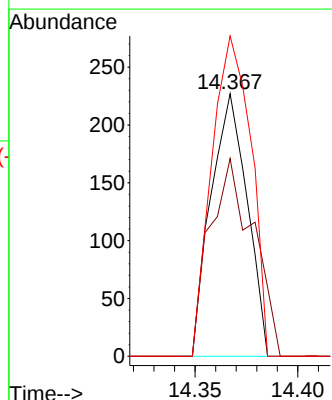
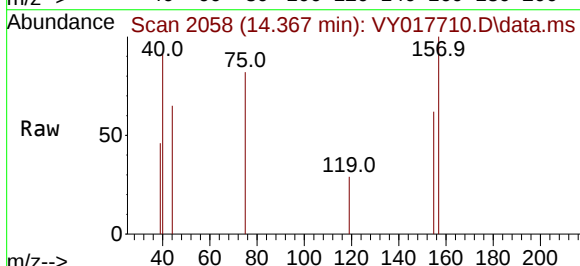
Tgt Ion: 75 Resp: 278

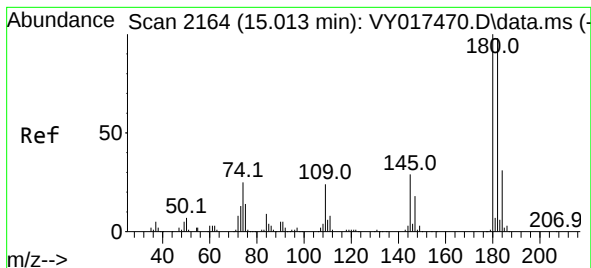
Ion Ratio Lower Upper

75 100

155 89.9 48.6 145.8

157 132.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 2.016 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

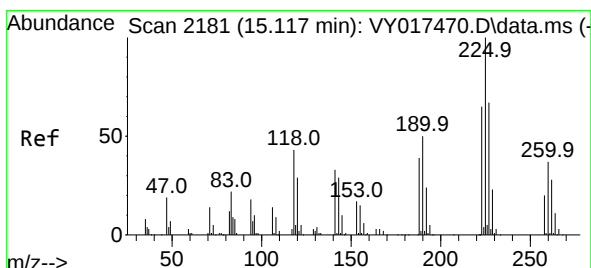
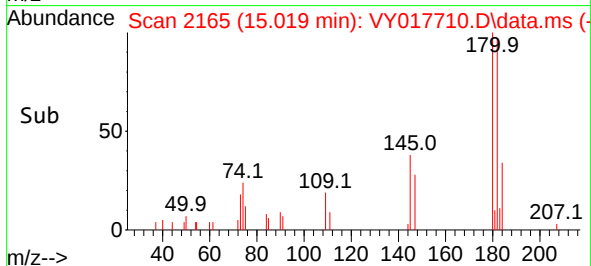
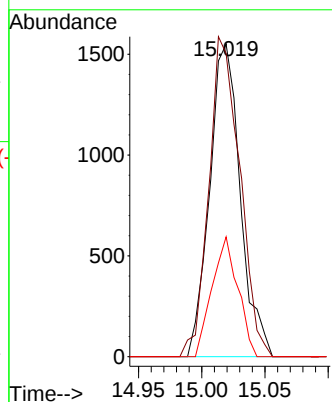
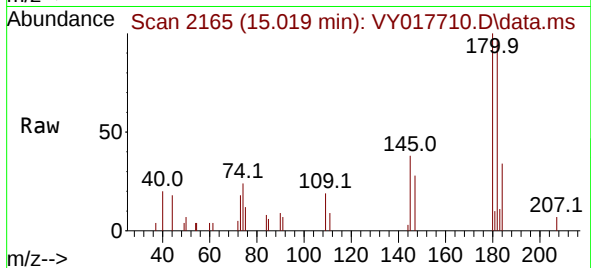
Tgt Ion:180 Resp: 2611

Ion Ratio Lower Upper

180 100

182 103.2 47.9 143.8

145 32.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 2.557 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

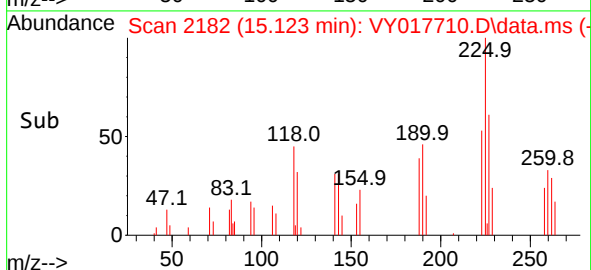
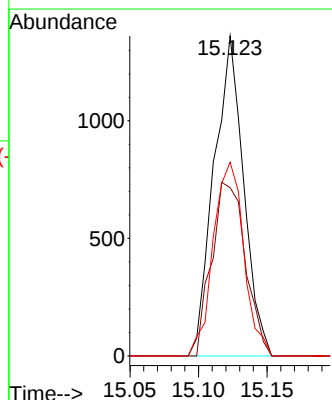
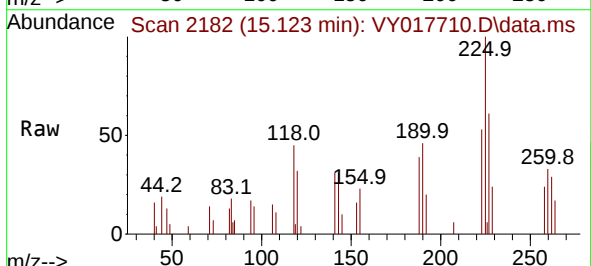
Tgt Ion:225 Resp: 2045

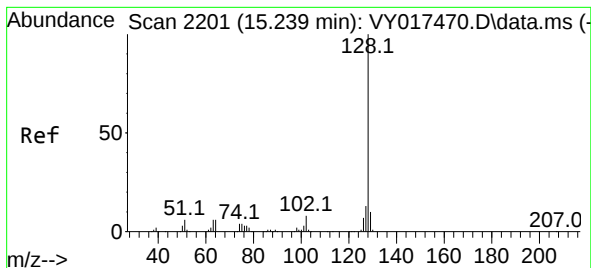
Ion Ratio Lower Upper

225 100

223 61.7 30.4 91.2

227 62.5 31.9 95.9





#95

Naphthalene

Concen: 1.515 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

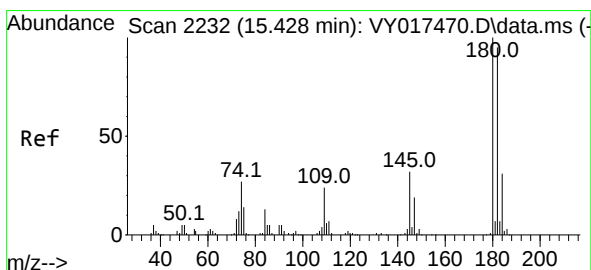
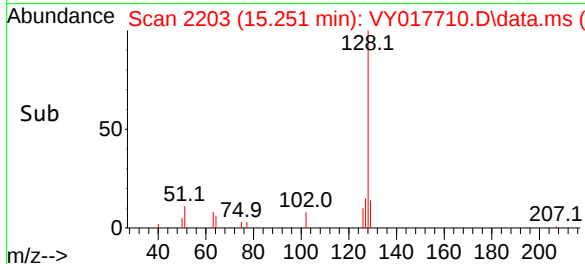
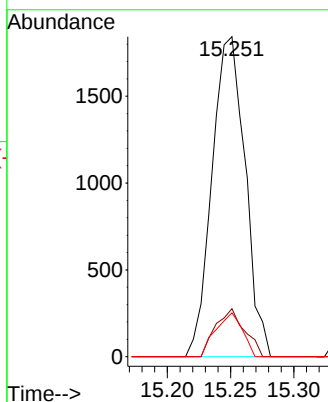
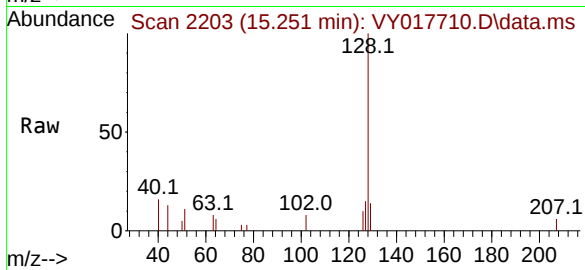
Tgt Ion:128 Resp: 3355

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 2.141 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 15:25

Tgt Ion:180 Resp: 2379

Ion Ratio Lower Upper

180 100

182 85.8 47.6 142.9

145 27.9 15.4 46.1

