

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017586.D
 Acq On : 06 Mar 2024 12:01
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL02

Quant Time: Mar 07 04:02:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 04:01:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	117743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	194933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	170497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	64843	58.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.220%
35) Dibromofluoromethane	7.728	113	73210	53.896	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.800%
50) Toluene-d8	10.185	98	269765	56.801	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.600%
62) 4-Bromofluorobenzene	12.483	95	78605	52.664	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.320%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	2733	3.147	ug/l	98
3) Chloromethane	2.113	50	5038	3.175	ug/l	93
4) Vinyl Chloride	2.253	62	6412	3.150	ug/l	99
5) Bromomethane	2.656	94	6183	3.727	ug/l	89
6) Chloroethane	2.796	64	4263	3.319	ug/l	90
7) Trichlorofluoromethane	3.119	101	6344	3.057	ug/l	94
8) Diethyl Ether	3.534	74	1683	2.765	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.905	101	3707	3.106	ug/l	95
10) Methyl Iodide	4.094	142	3227	2.409	ug/l #	95
11) Tert butyl alcohol	4.960	59	1818	19.180	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	3268	2.938	ug/l	92
13) Acrolein	3.735	56	2087	16.687	ug/l	100
14) Allyl chloride	4.491	41	3493	2.599	ug/l	96
15) Acrylonitrile	5.173	53	3148	12.583	ug/l #	91
16) Acetone	3.948	43	3966	18.324	ug/l	96
17) Carbon Disulfide	4.198	76	10296	3.084	ug/l	99
18) Methyl Acetate	4.491	43	2490	4.742	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	6534	2.520	ug/l	93
20) Methylene Chloride	4.722	84	10119	6.530	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	3893	2.989	ug/l #	83
22) Diisopropyl ether	6.125	45	7407	2.388	ug/l	92
23) Vinyl Acetate	6.070	43	18000	9.740	ug/l	96
24) 1,1-Dichloroethane	6.021	63	5917	2.793	ug/l	99
25) 2-Butanone	6.996	43	4653	15.085	ug/l #	83
26) 2,2-Dichloropropane	6.990	77	5321	2.987	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	4037	2.761	ug/l	97
28) Bromochloromethane	7.344	49	2582	3.094	ug/l #	100
29) Tetrahydrofuran	7.356	42	2175	11.698	ug/l	94
30) Chloroform	7.521	83	6725	2.981	ug/l	99
31) Cyclohexane	7.795	56	6576	3.621	ug/l #	62
32) 1,1,1-Trichloroethane	7.710	97	5481	2.799	ug/l	95
36) 1,1-Dichloropropene	7.923	75	4951	2.701	ug/l	96
37) Ethyl Acetate	7.094	43	1797	2.483	ug/l #	90
38) Carbon Tetrachloride	7.905	117	5174	2.817	ug/l	94
39) Methylcyclohexane	9.191	83	5481	2.489	ug/l	94
40) Benzene	8.167	78	14640	2.690	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 04:01:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	780	2.147	ug/l #	66
42) 1,2-Dichloroethane	8.246	62	3639	2.740	ug/l	96
43) Isopropyl Acetate	8.283	43	3084	2.425	ug/l #	83
44) Trichloroethene	8.947	130	4447	2.835	ug/l	87
45) 1,2-Dichloropropane	9.222	63	3416	2.638	ug/l	99
46) Dibromomethane	9.313	93	1988	2.683	ug/l	97
47) Bromodichloromethane	9.502	83	4601	2.557	ug/l	95
48) Methyl methacrylate	9.301	41	1582	2.687	ug/l	97
49) 1,4-Dioxane	9.313	88	342	40.778	ug/l #	64
51) 4-Methyl-2-Pentanone	10.075	43	7527	10.617	ug/l	99
52) Toluene	10.252	92	9395	2.738	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	3934	2.355	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	4917	2.423	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	2884	2.741	ug/l #	92
56) Ethyl methacrylate	10.514	69	1857	1.574	ug/l	96
57) 1,3-Dichloropropane	10.794	76	4339	2.536	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	7855	12.937	ug/l	98
59) 2-Hexanone	10.837	43	5540	11.377	ug/l	97
60) Dibromochloromethane	10.989	129	3249	2.610	ug/l	97
61) 1,2-Dibromoethane	11.093	107	2559	2.639	ug/l	98
64) Tetrachloroethene	10.727	164	4603	2.813	ug/l	96
65) Chlorobenzene	11.520	112	9560	2.642	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	3361	2.479	ug/l	93
67) Ethyl Benzene	11.599	91	14672	2.312	ug/l	95
68) m/p-Xylenes	11.703	106	11116	4.457	ug/l	99
69) o-Xylene	12.032	106	5153	2.227	ug/l	94
70) Styrene	12.050	104	6572	1.711	ug/l	93
71) Bromoform	12.209	173	1873	2.493	ug/l #	99
73) Isopropylbenzene	12.337	105	12554	2.117	ug/l	98
74) N-amyl acetate	12.148	43	2179	2.084	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	3005	2.951	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	3684	4.858	ug/l #	100
77) Bromobenzene	12.611	156	3599	2.506	ug/l	99
78) n-propylbenzene	12.672	91	16589	2.332	ug/l	98
79) 2-Chlorotoluene	12.757	91	9609	2.412	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	10298	2.168	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.483	75	39762	120.477	ug/l #	16
82) 4-Chlorotoluene	12.855	91	9620	2.361	ug/l	92
83) tert-Butylbenzene	13.074	119	9477	2.272	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	10099	2.153	ug/l	100
85) sec-Butylbenzene	13.257	105	13301	2.085	ug/l	100
86) p-Isopropyltoluene	13.373	119	10232	1.960	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	7001	2.429	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	7680	2.741	ug/l	92
89) n-Butylbenzene	13.696	91	10548	2.214	ug/l	98
90) Hexachloroethane	13.958	117	2798	2.673	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	6035	2.475	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	337	2.354	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	3026	2.350	ug/l	97
94) Hexachlorobutadiene	15.111	225	2250	2.830	ug/l	99
95) Naphthalene	15.239	128	4444	2.018	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	2649	2.398	ug/l	98

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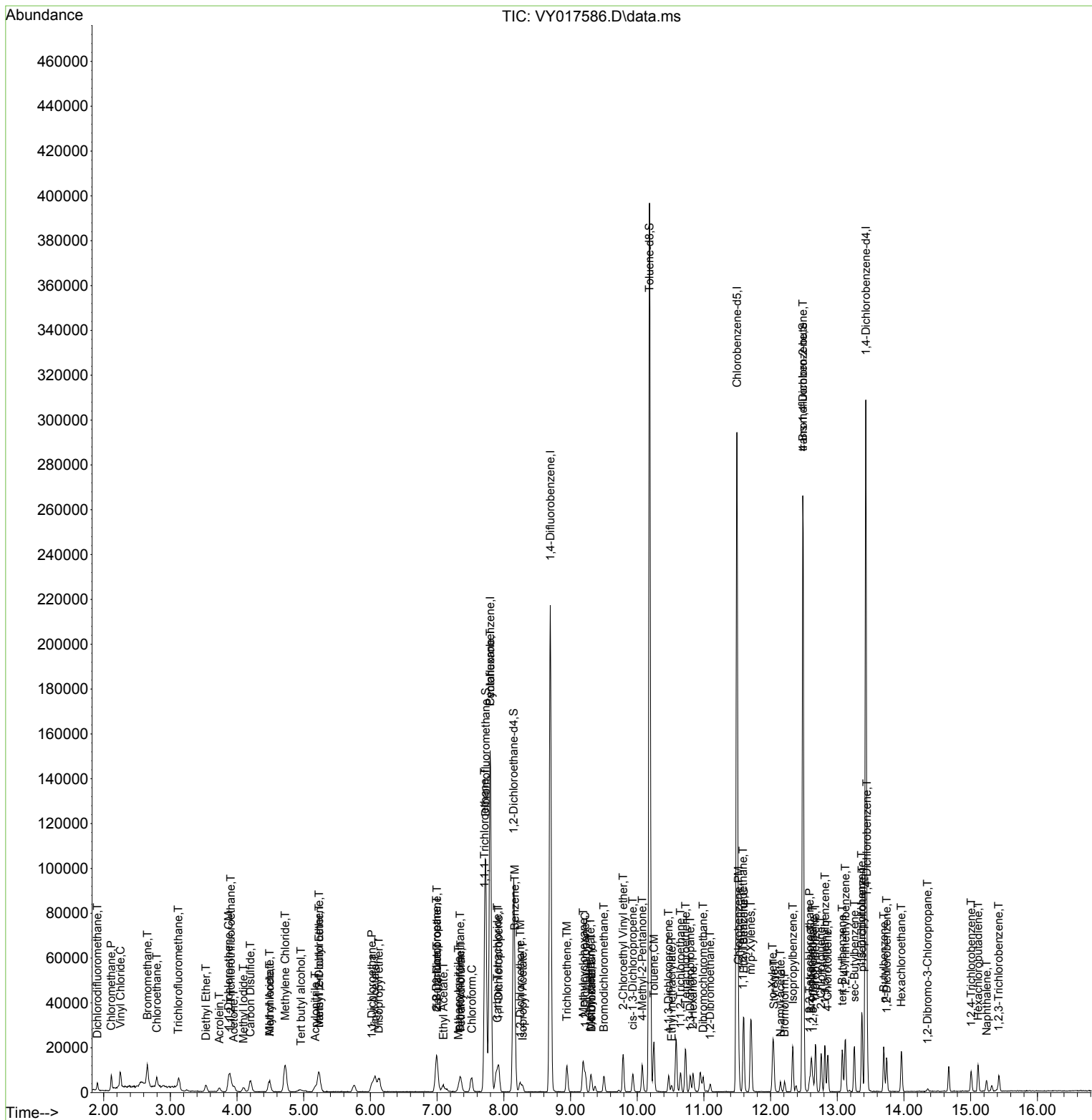
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

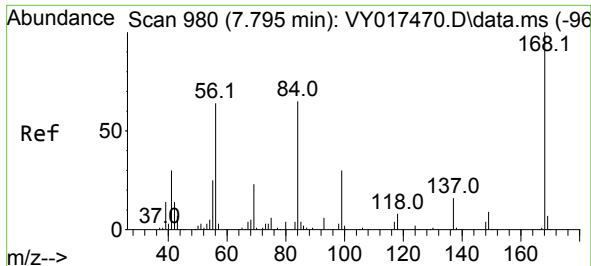
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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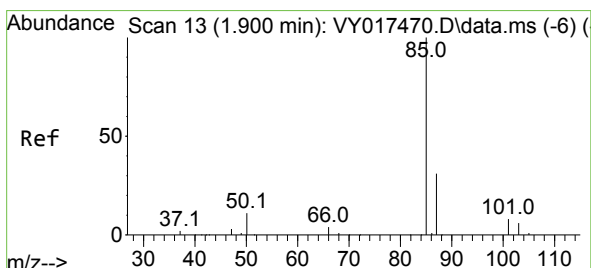
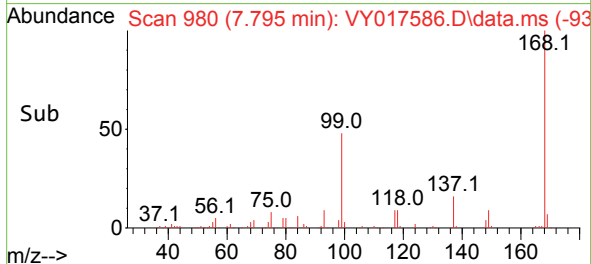
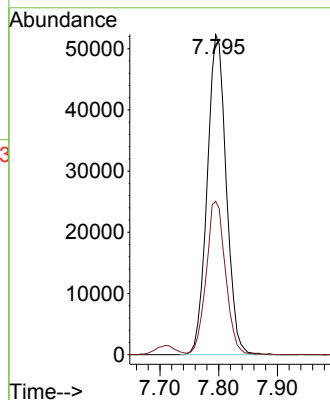
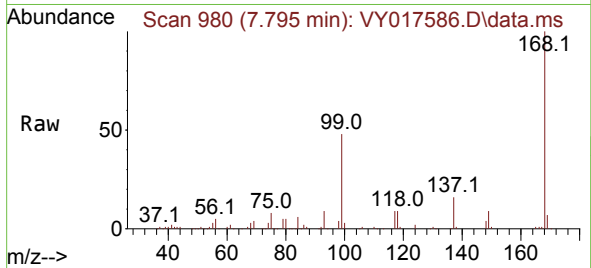




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
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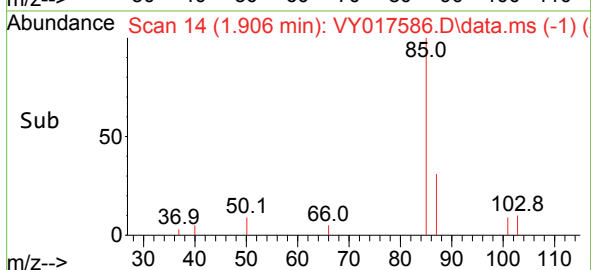
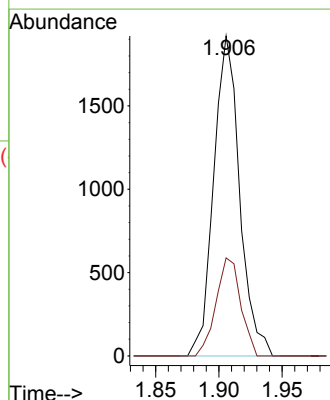
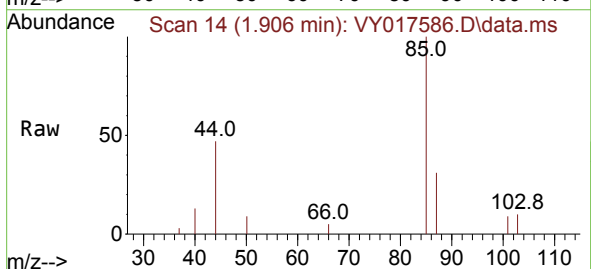
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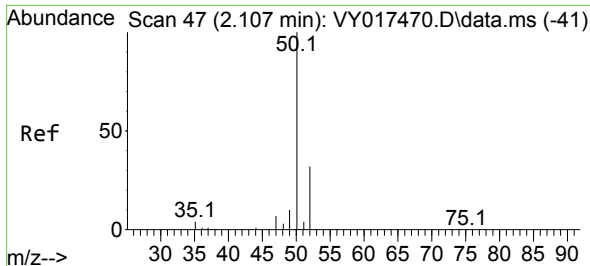
Tgt Ion:168 Resp: 117743
Ion Ratio Lower Upper
168 100
99 47.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 3.147 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion: 85 Resp: 2733
Ion Ratio Lower Upper
85 100
87 30.6 16.0 48.0

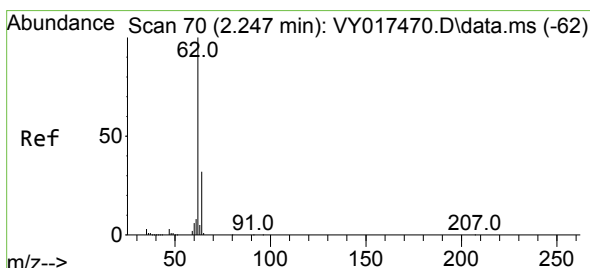
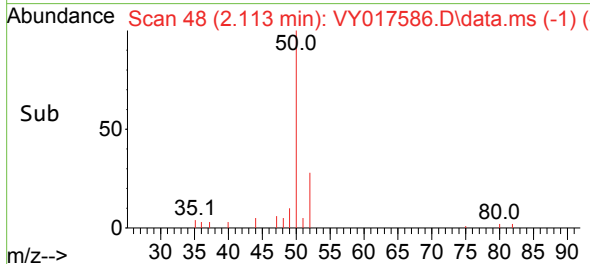
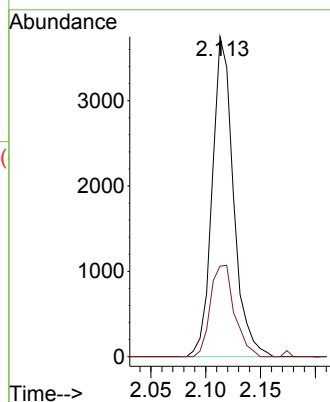
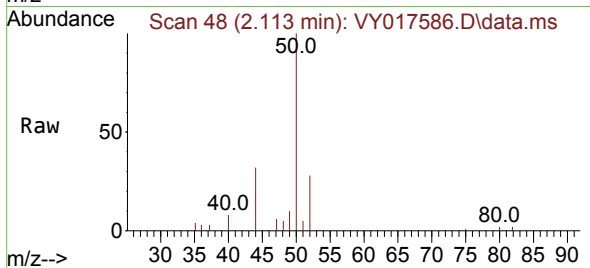




#3
Chloromethane
Concen: 3.175 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

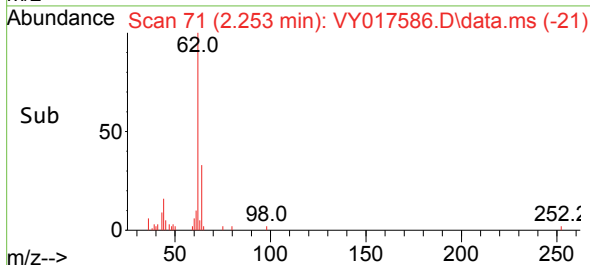
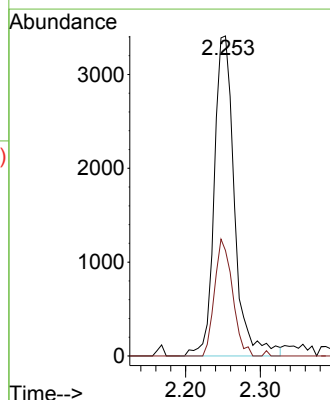
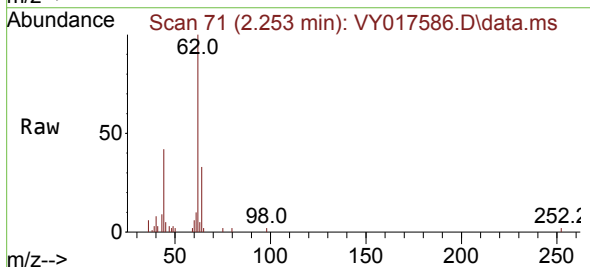
Instrument :
MSVOA_Y
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Tgt Ion: 50 Resp: 5038
Ion Ratio Lower Upper
50 100
52 28.3 25.6 38.4



#4
Vinyl Chloride
Concen: 3.150 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion: 62 Resp: 6412
Ion Ratio Lower Upper
62 100
64 32.9 26.1 39.1

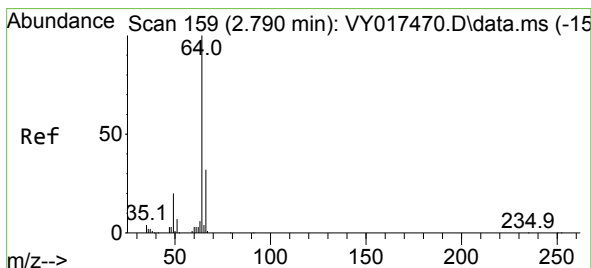
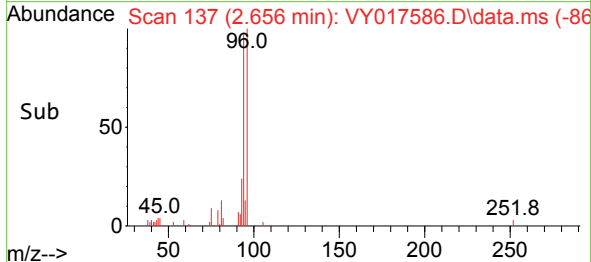
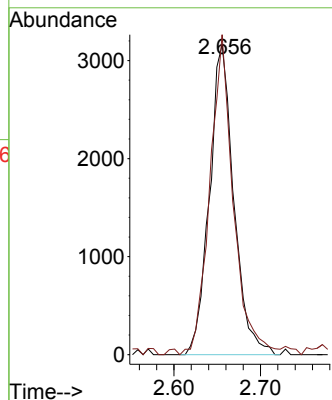
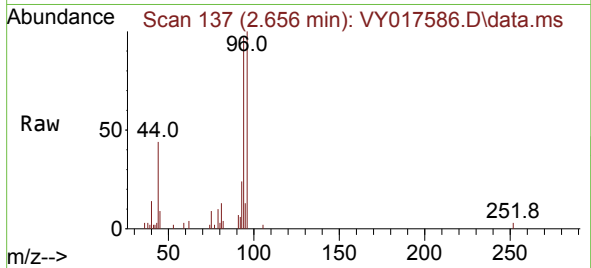




#5
Bromomethane
Concen: 3.727 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

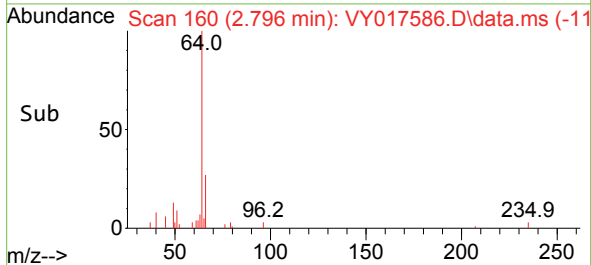
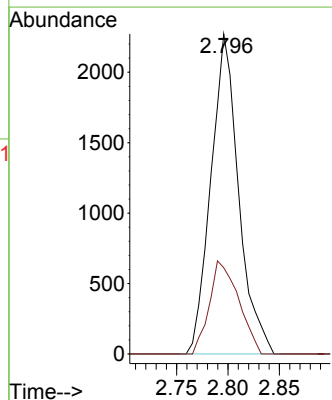
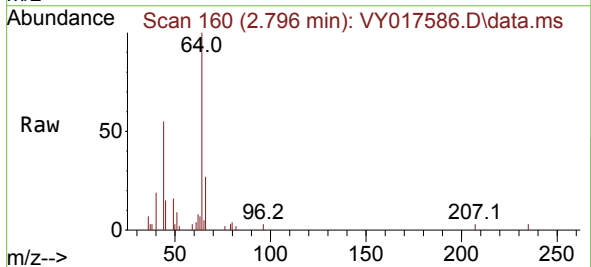
Instrument :
MSVOA_Y
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Tgt Ion: 94 Resp: 6183
Ion Ratio Lower Upper
94 100
96 103.3 74.1 111.1



#6
Chloroethane
Concen: 3.319 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion: 64 Resp: 4263
Ion Ratio Lower Upper
64 100
66 27.0 26.1 39.1

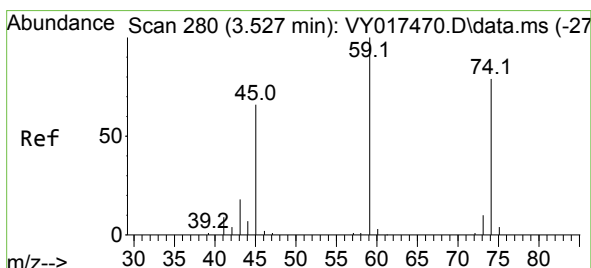
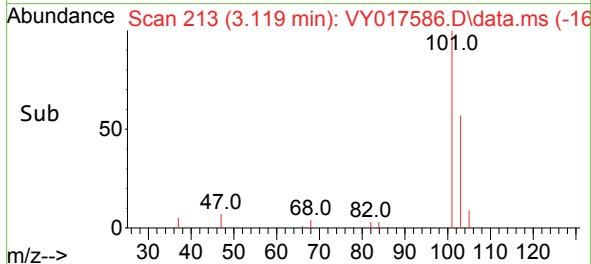
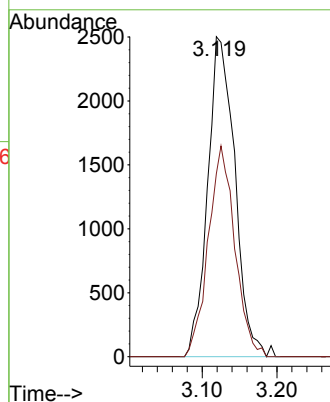
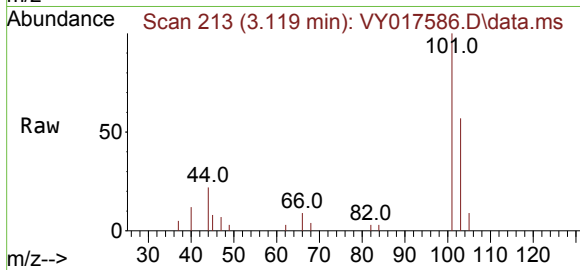




#7
 Trichlorofluoromethane
 Concen: 3.057 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY017586.D
 Acq: 06 Mar 2024 12:01

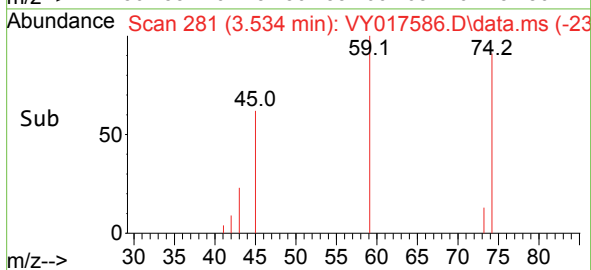
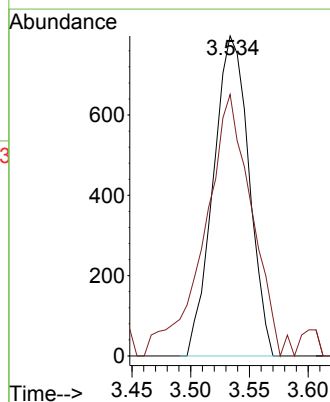
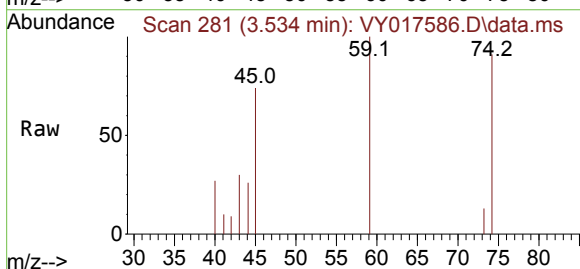
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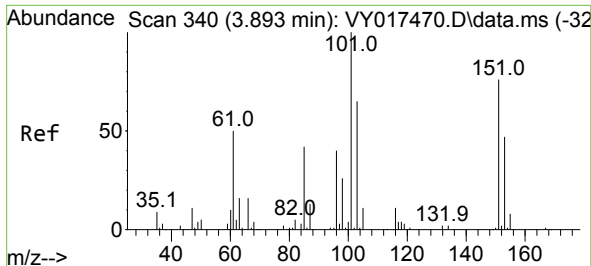
Tgt Ion:101 Resp: 6344
 Ion Ratio Lower Upper
 101 100
 103 57.2 49.3 73.9



#8
 Diethyl Ether
 Concen: 2.765 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY017586.D
 Acq: 06 Mar 2024 12:01

Tgt Ion: 74 Resp: 1683
 Ion Ratio Lower Upper
 74 100
 45 108.2 41.3 124.1

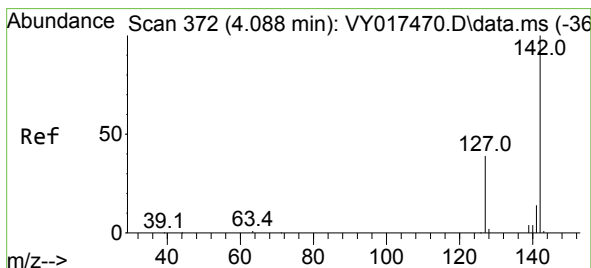
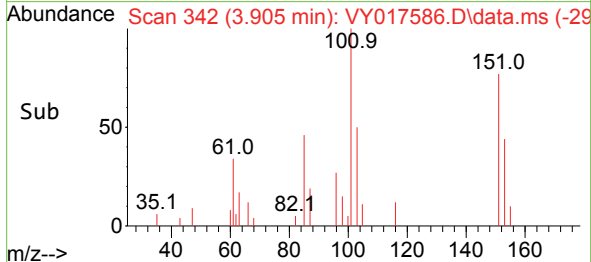
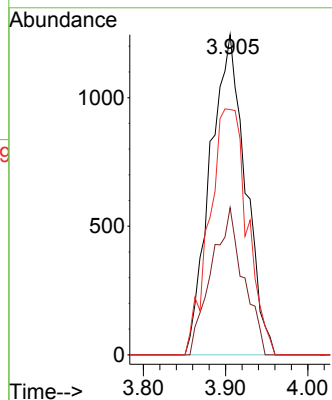
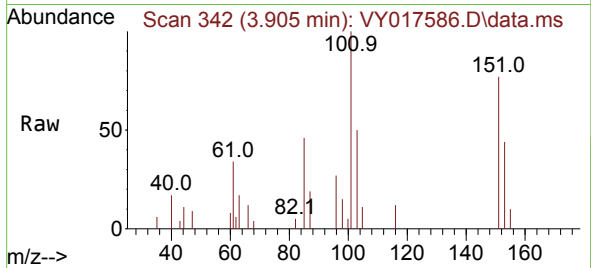




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.106 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY017586.D
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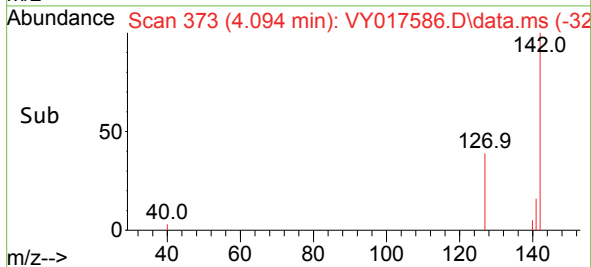
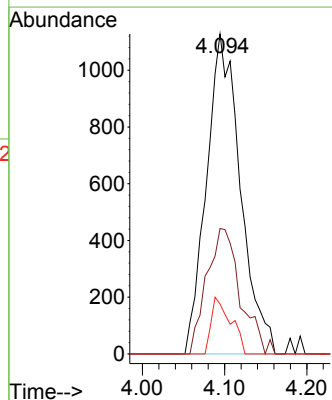
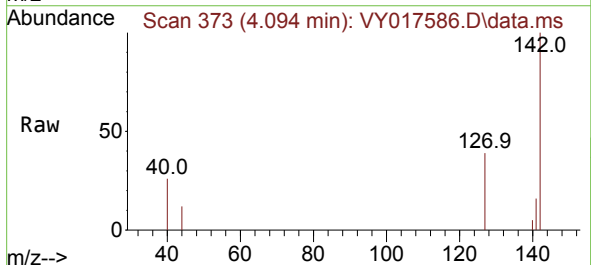
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

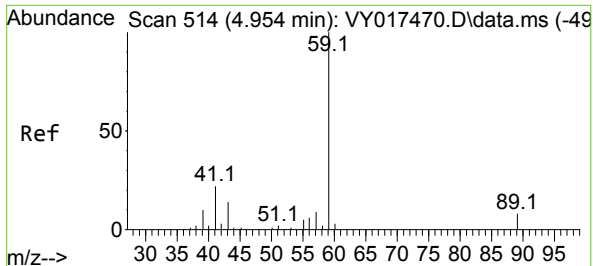
Tgt Ion:101 Resp: 3707
Ion Ratio Lower Upper
101 100
85 41.7 34.5 51.7
151 82.7 61.7 92.5



#10
Methyl Iodide
Concen: 2.409 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion:142 Resp: 3227
Ion Ratio Lower Upper
142 100
127 39.0 32.8 49.2
141 10.2 11.4 17.2#





#11

Tert butyl alcohol

Concen: 19.180 ug/l

RT: 4.960 min Scan# 514

Delta R.T. 0.006 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

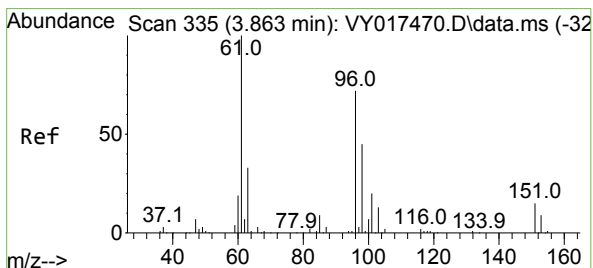
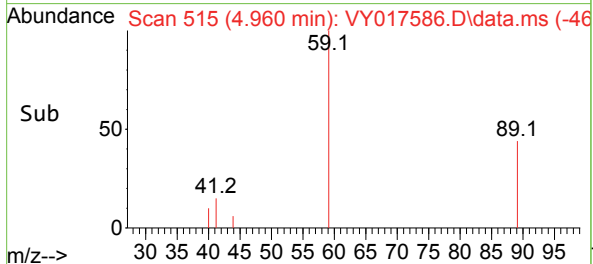
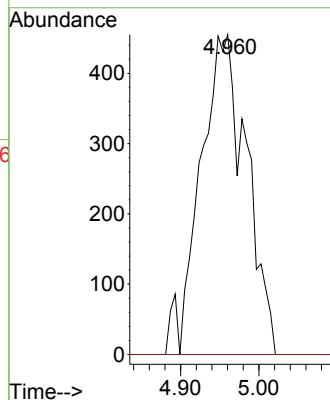
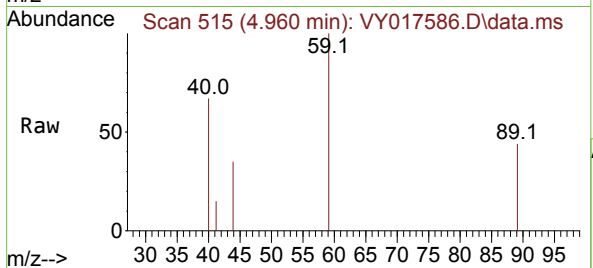
MDL02

Tgt Ion: 59 Resp: 1818

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 2.938 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.012 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

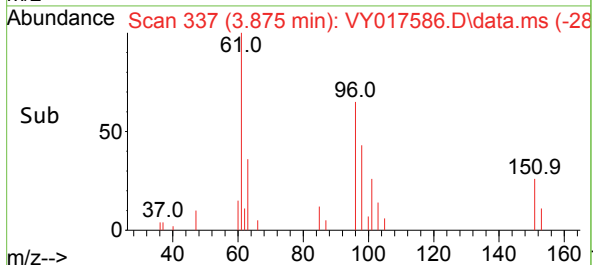
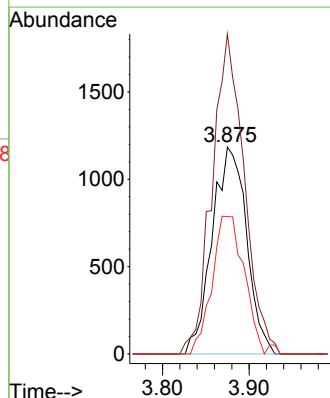
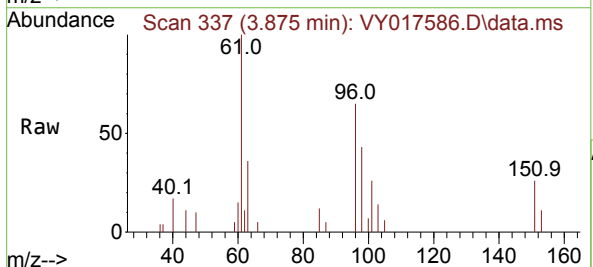
Tgt Ion: 96 Resp: 3268

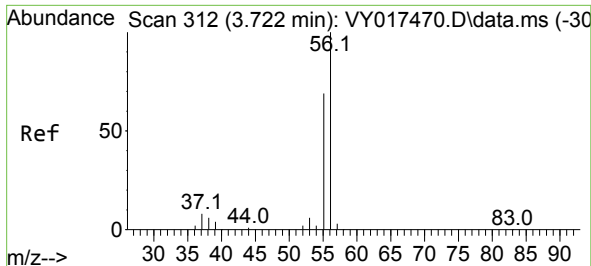
Ion Ratio Lower Upper

96 100

61 154.7 114.6 171.8

98 66.5 50.8 76.2





#13

Acrolein

Concen: 16.687 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

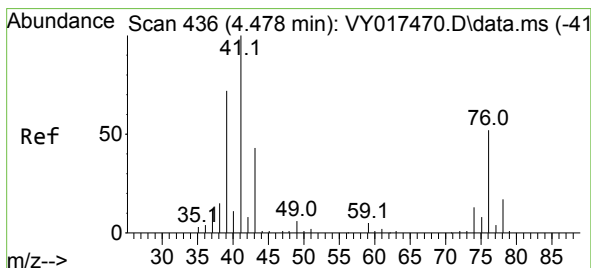
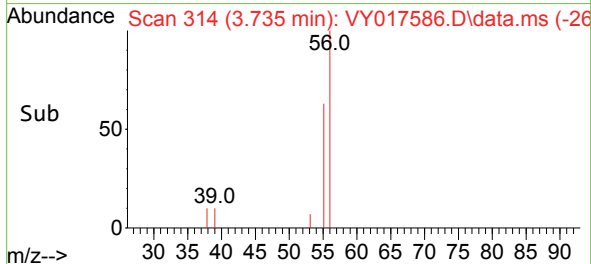
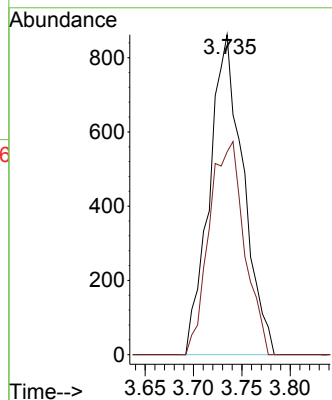
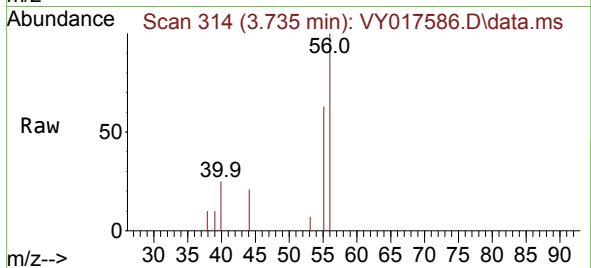
MDL02

Tgt Ion: 56 Resp: 2087

Ion Ratio Lower Upper

56 100

55 69.6 55.7 83.5



#14

Allyl chloride

Concen: 2.599 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

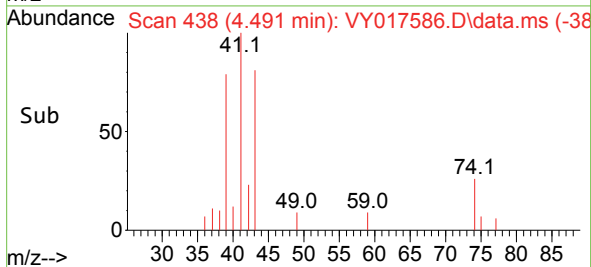
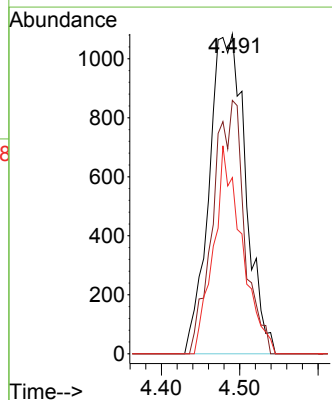
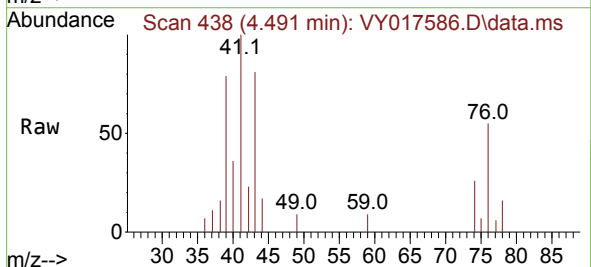
Tgt Ion: 41 Resp: 3493

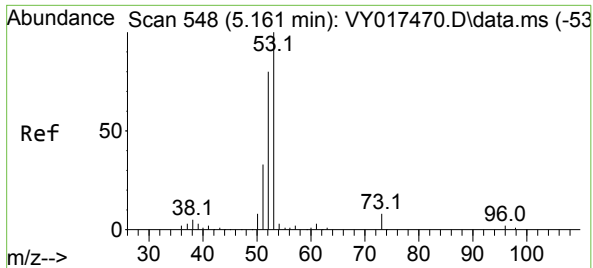
Ion Ratio Lower Upper

41 100

39 68.5 58.3 87.5

76 50.5 39.0 58.6





#15

Acrylonitrile

Concen: 12.583 ug/l

RT: 5.173 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

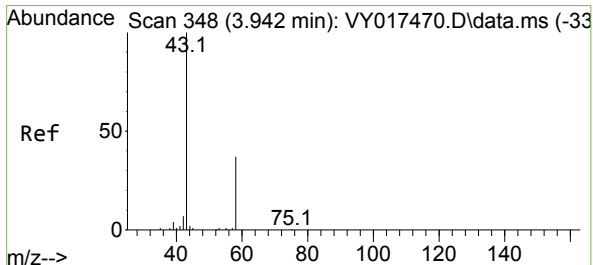
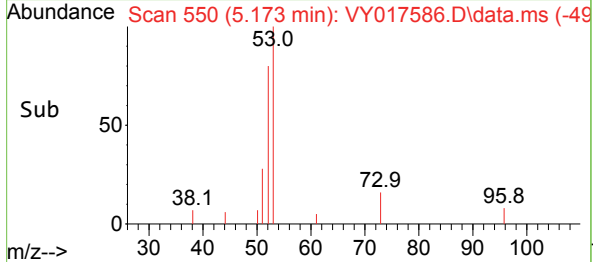
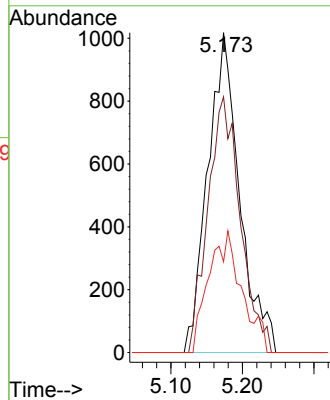
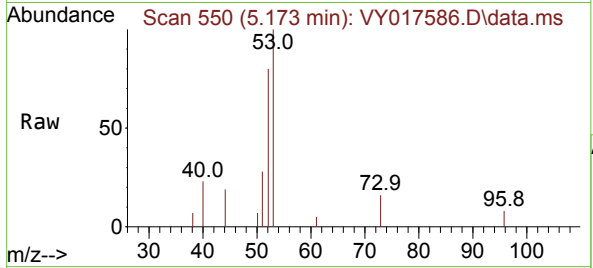
Tgt Ion: 53 Resp: 3148

Ion Ratio Lower Upper

53 100

52 81.4 64.7 97.1

51 19.7 28.4 42.6#



#16

Acetone

Concen: 18.324 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY017586.D

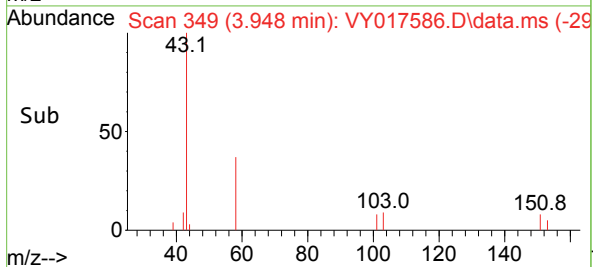
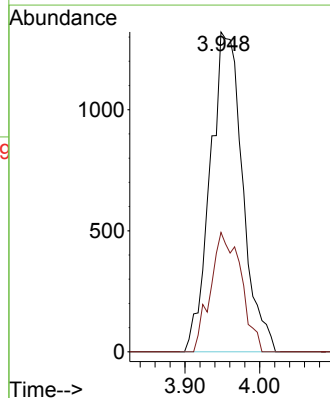
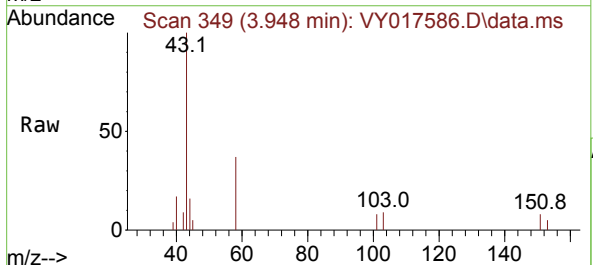
Acq: 06 Mar 2024 12:01

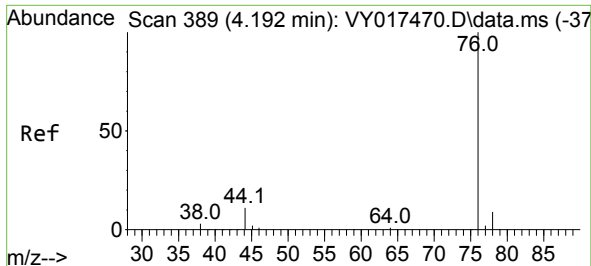
Tgt Ion: 43 Resp: 3966

Ion Ratio Lower Upper

43 100

58 37.3 31.7 47.5

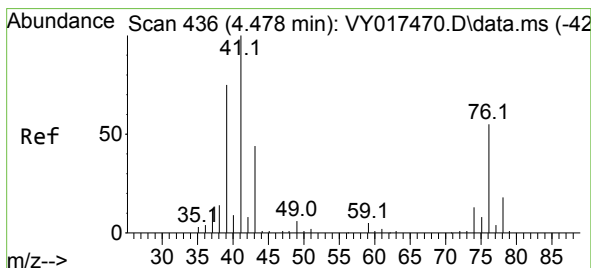
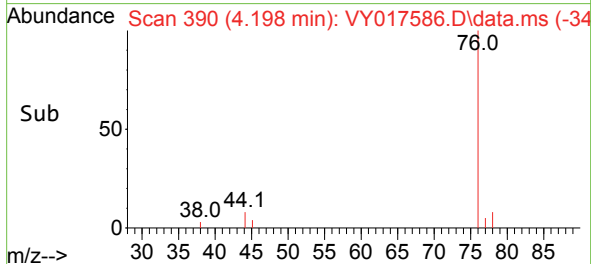
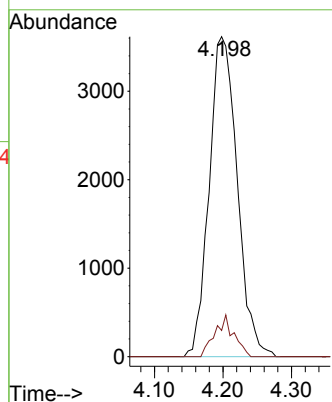
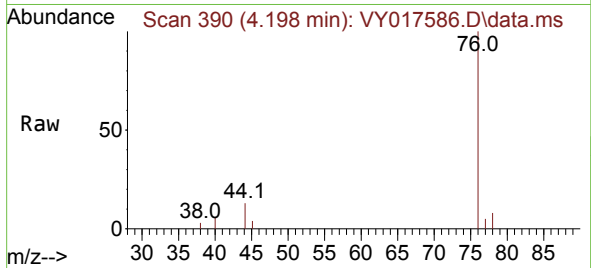




#17
Carbon Disulfide
Concen: 3.084 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

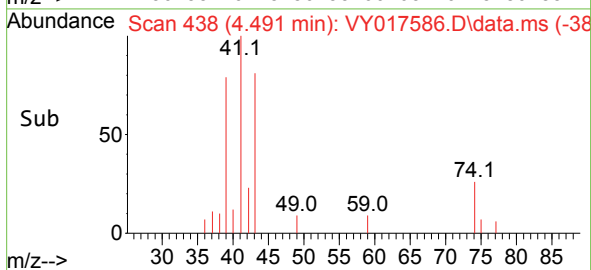
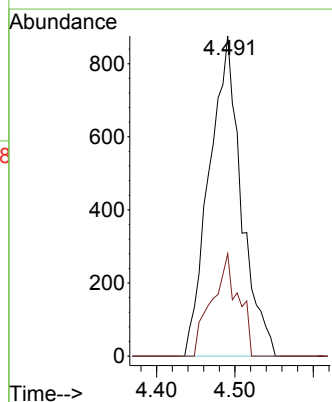
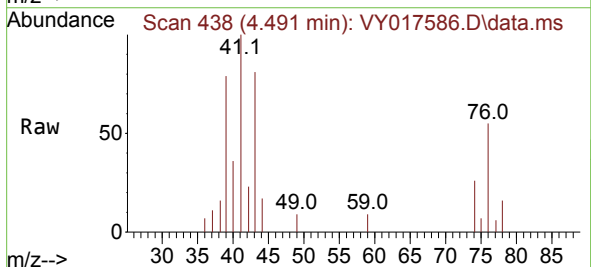
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

Tgt Ion: 76 Resp: 10296
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2



#18
Methyl Acetate
Concen: 4.742 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion: 43 Resp: 2490
Ion Ratio Lower Upper
43 100
74 26.3 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 2.520 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

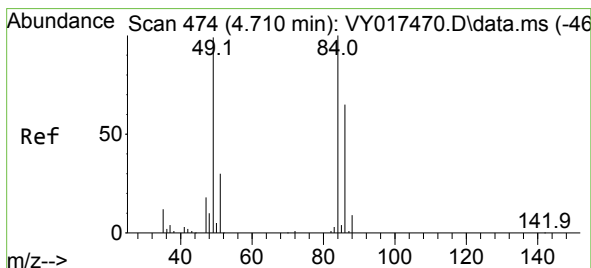
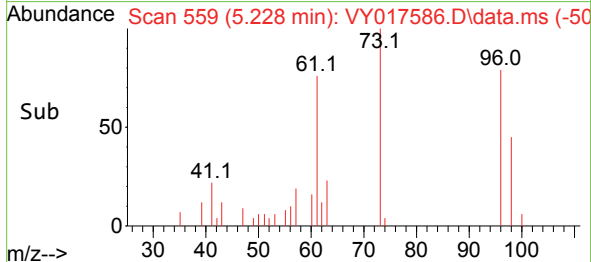
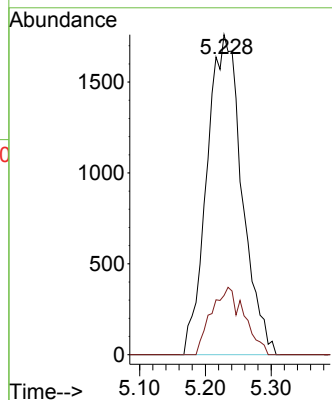
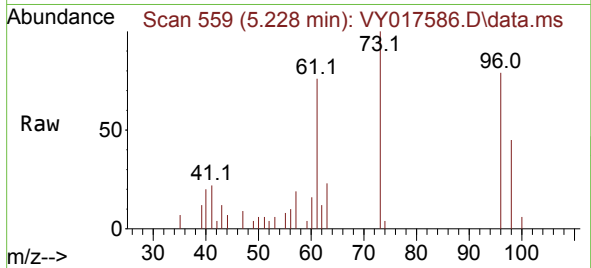
MDL02

Tgt Ion: 73 Resp: 6534

Ion Ratio Lower Upper

73 100

57 18.5 17.3 25.9



#20

Methylene Chloride

Concen: 6.530 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.012 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Tgt Ion: 84 Resp: 10119

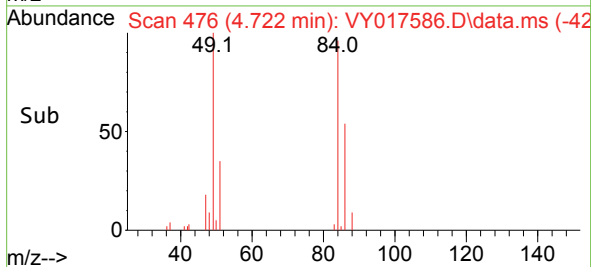
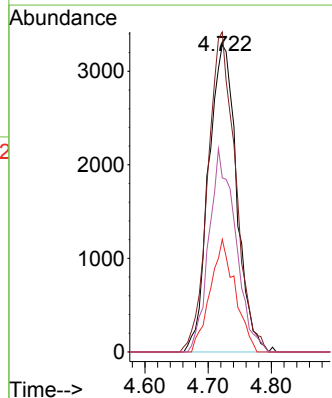
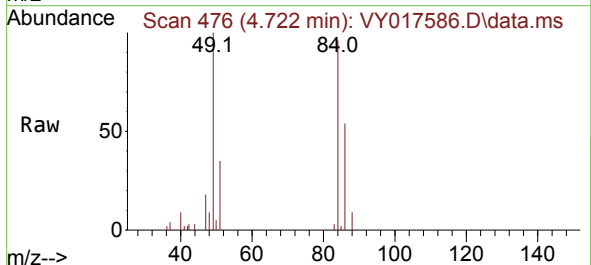
Ion Ratio Lower Upper

84 100

49 104.1 84.4 126.6

51 36.6 26.0 39.0

86 56.7 49.5 74.3

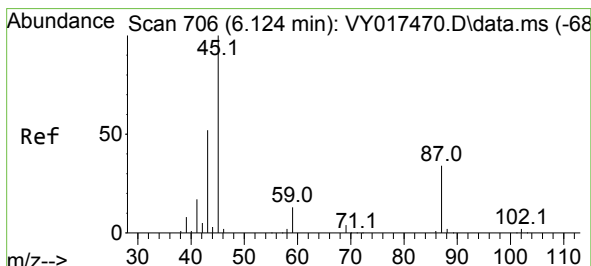
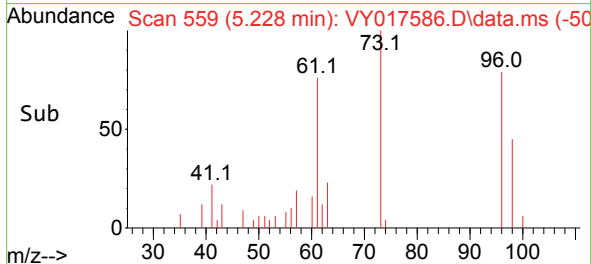
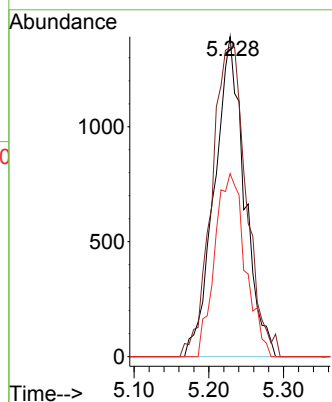
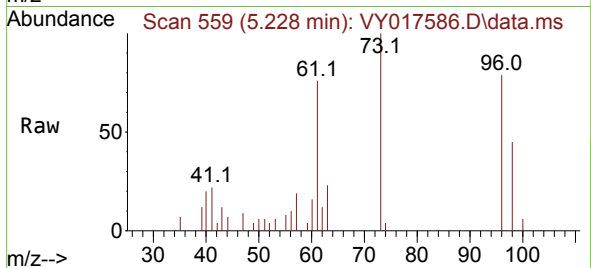




#21
trans-1,2-Dichloroethene
Concen: 2.989 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

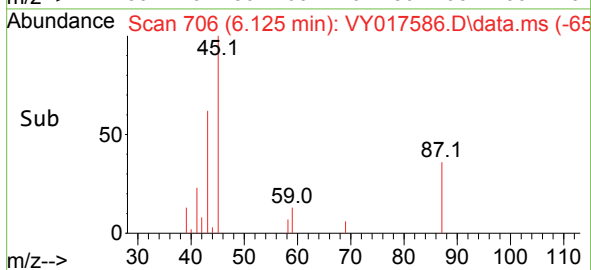
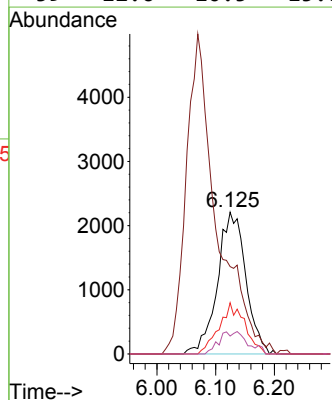
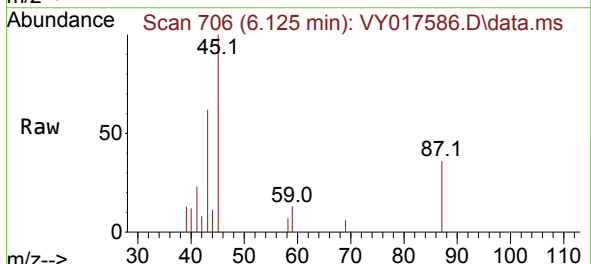
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

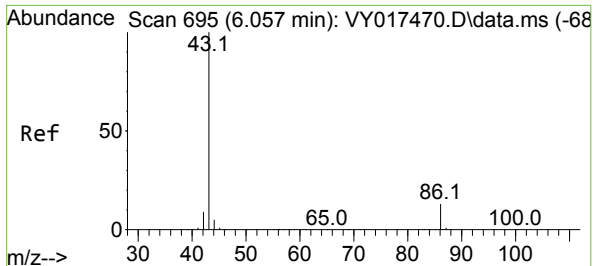
Tgt Ion: 96 Resp: 3893
Ion Ratio Lower Upper
96 100
61 96.7 97.5 146.3#
98 57.2 50.5 75.7



#22
Diisopropyl ether
Concen: 2.388 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion: 45 Resp: 7407
Ion Ratio Lower Upper
45 100
43 59.2 42.2 63.2
87 36.1 25.0 37.6
59 12.6 10.5 15.7

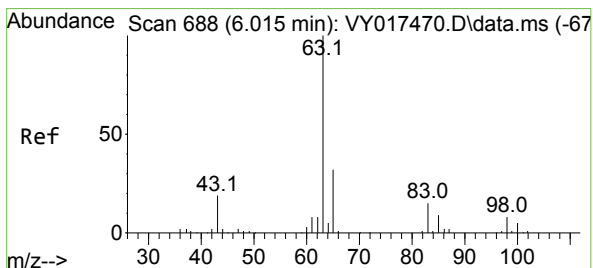
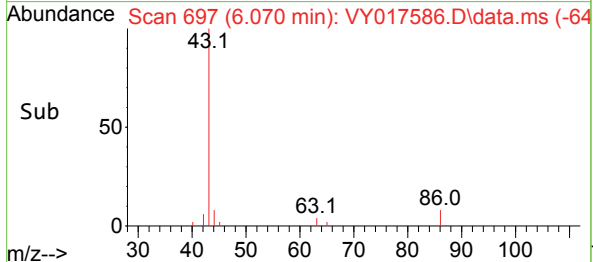
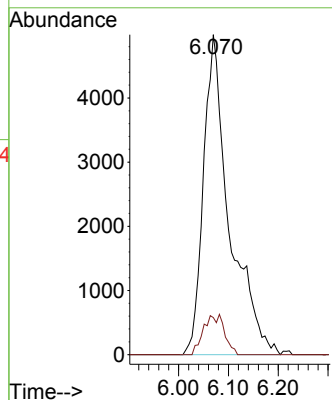
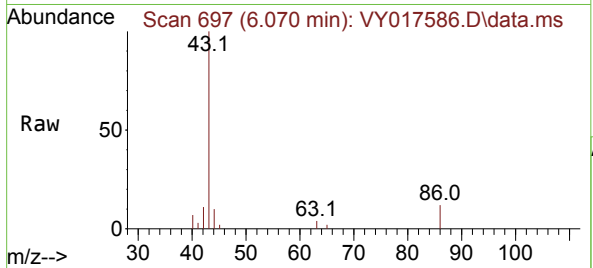




#23
 Vinyl Acetate
 Concen: 9.740 ug/l
 RT: 6.070 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY017586.D
 Acq: 06 Mar 2024 12:01

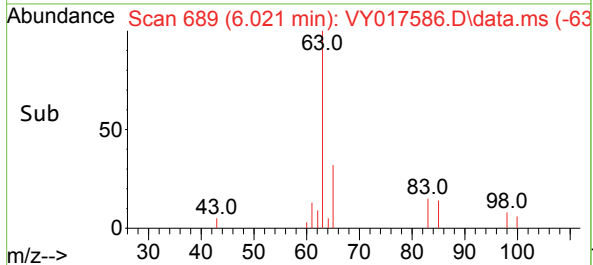
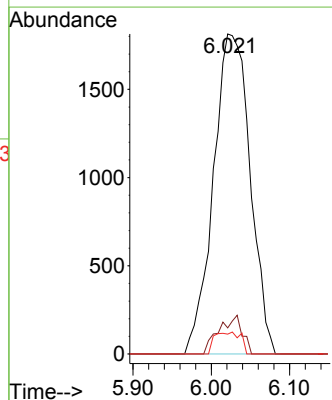
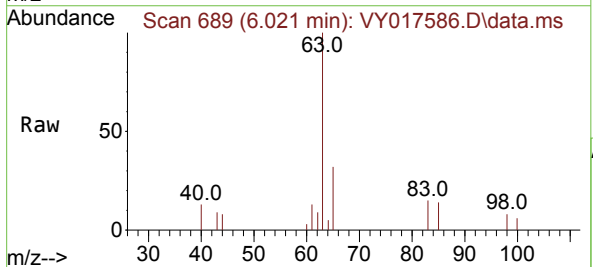
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL02

Tgt Ion: 43 Resp: 18000
 Ion Ratio Lower Upper
 43 100
 86 11.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 2.793 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY017586.D
 Acq: 06 Mar 2024 12:01

Tgt Ion: 63 Resp: 5917
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.0 12.2
 100 6.2 2.6 8.0





#25

2-Butanone

Concen: 15.085 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

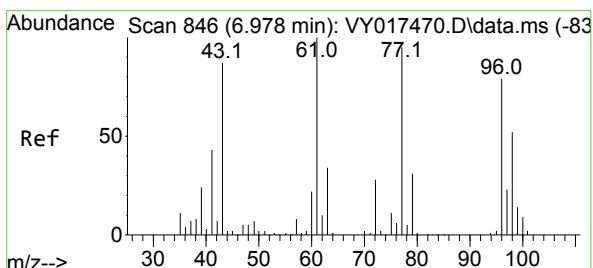
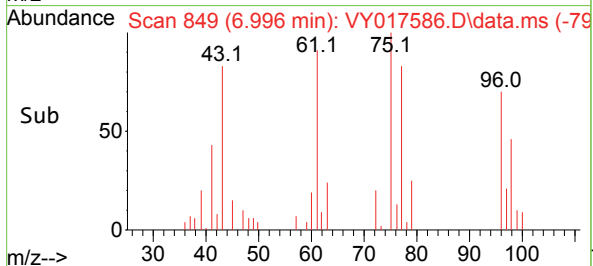
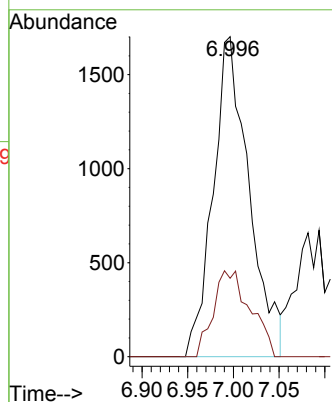
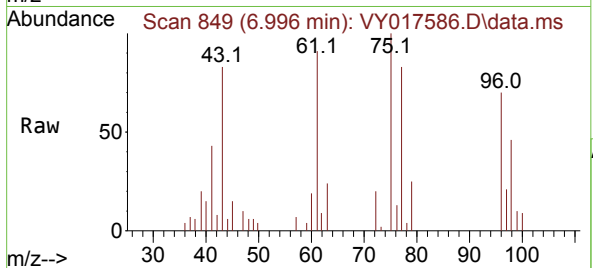
MDL02

Tgt Ion: 43 Resp: 4653

Ion Ratio Lower Upper

43 100

72 24.5 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 2.987 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY017586.D

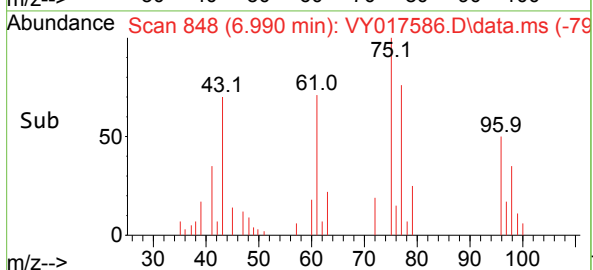
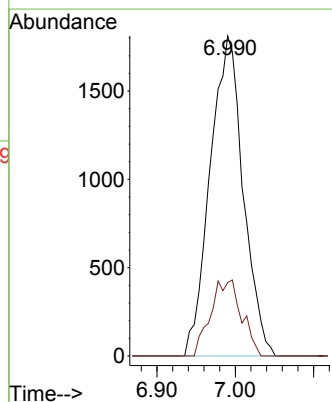
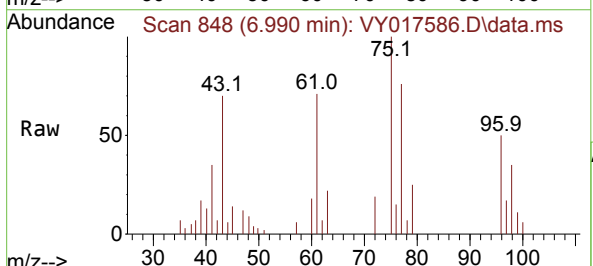
Acq: 06 Mar 2024 12:01

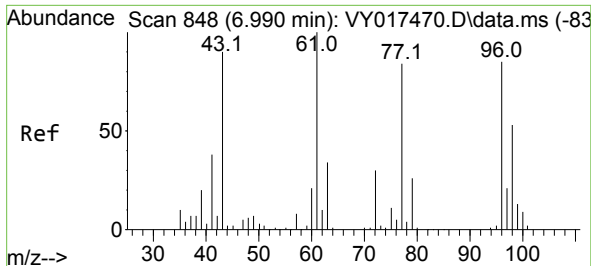
Tgt Ion: 77 Resp: 5321

Ion Ratio Lower Upper

77 100

97 22.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 2.761 ug/l

RT: 6.996 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

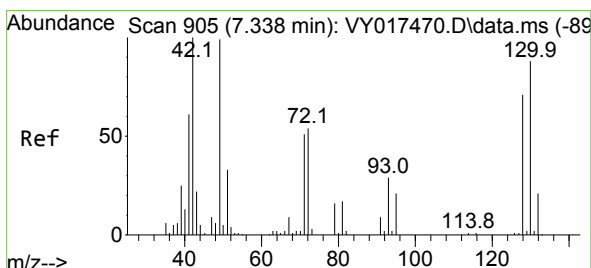
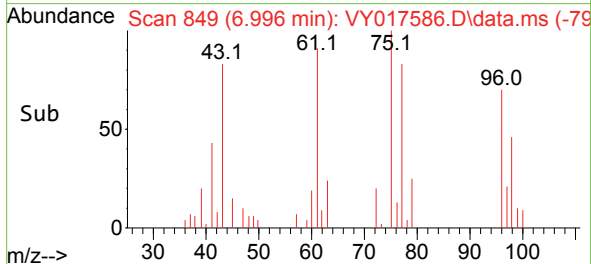
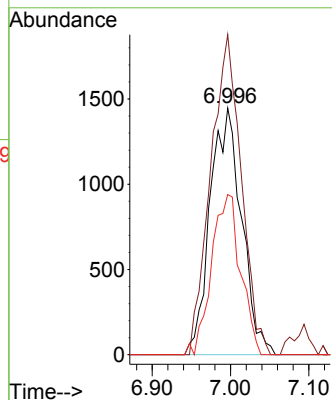
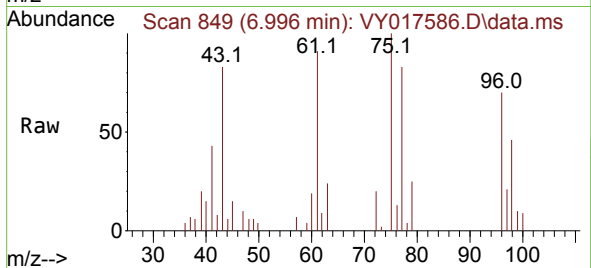
Tgt Ion: 96 Resp: 4037

Ion Ratio Lower Upper

96 100

61 126.5 0.0 256.2

98 59.9 0.0 130.0



#28

Bromochloromethane

Concen: 3.094 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

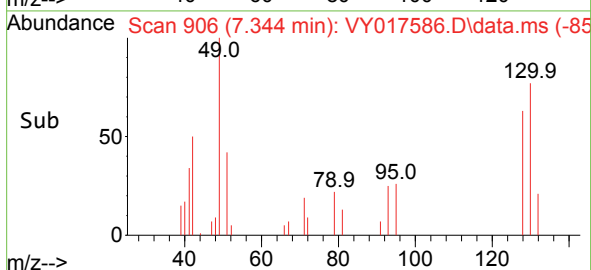
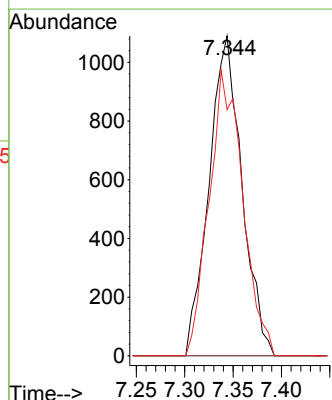
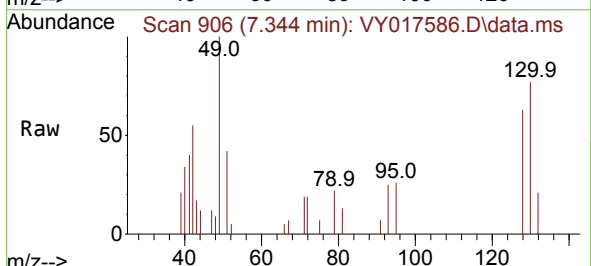
Tgt Ion: 49 Resp: 2582

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 91.1 72.7 109.1





#29

Tetrahydrofuran

Concen: 11.698 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

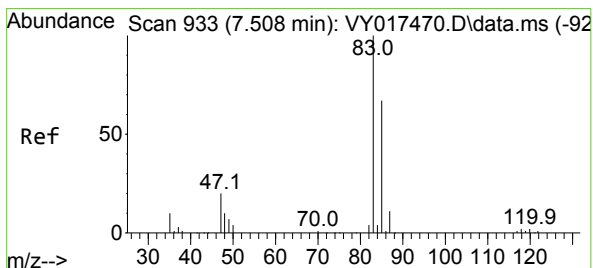
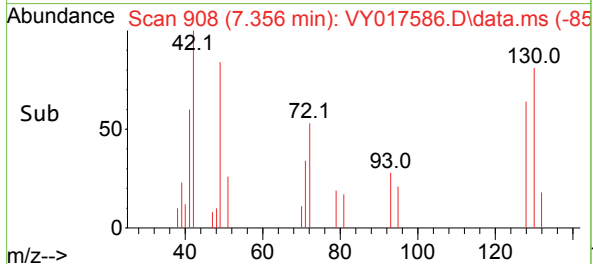
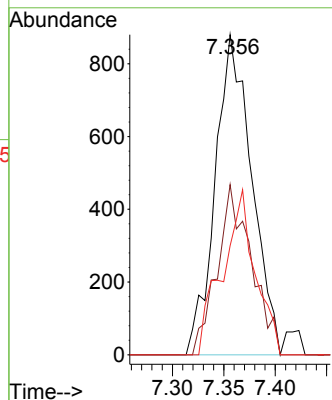
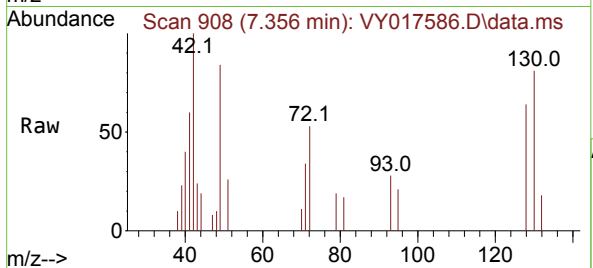
Tgt Ion: 42 Resp: 2175

Ion Ratio Lower Upper

42 100

72 49.8 43.0 64.4

71 46.5 40.8 61.2



#30

Chloroform

Concen: 2.981 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.012 min

Lab File: VY017586.D

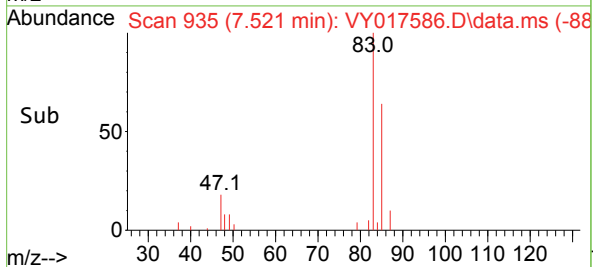
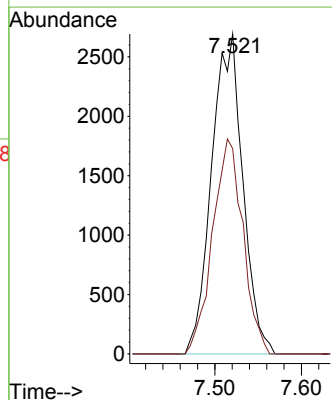
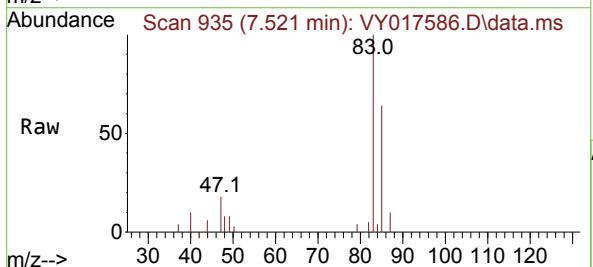
Acq: 06 Mar 2024 12:01

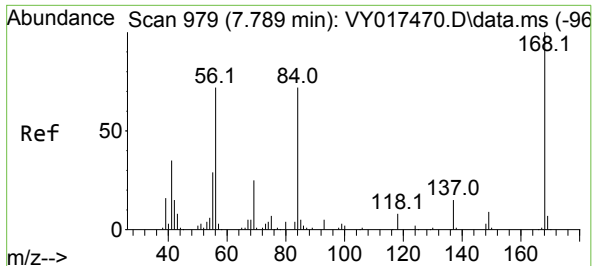
Tgt Ion: 83 Resp: 6725

Ion Ratio Lower Upper

83 100

85 64.2 52.2 78.4

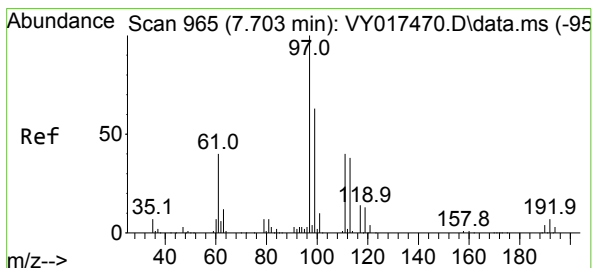
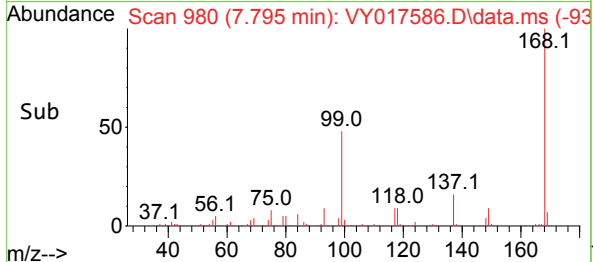
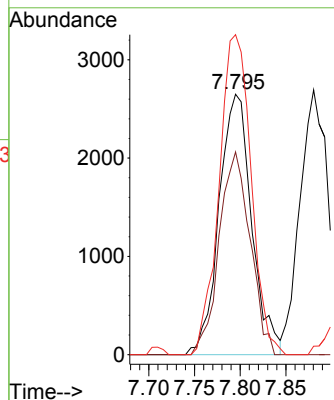
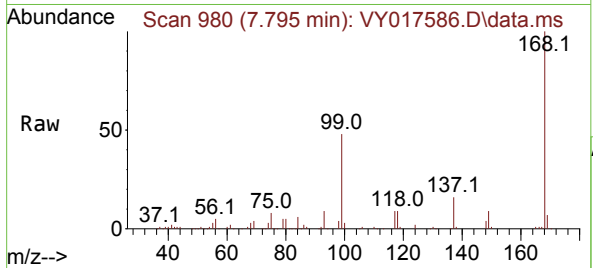




#31
Cyclohexane
Concen: 3.621 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

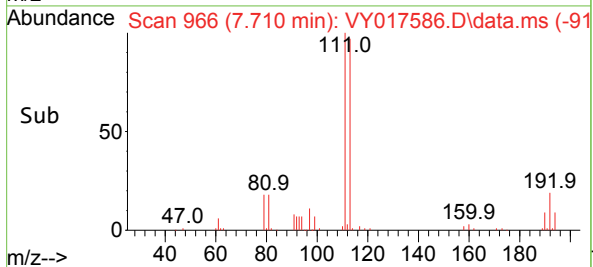
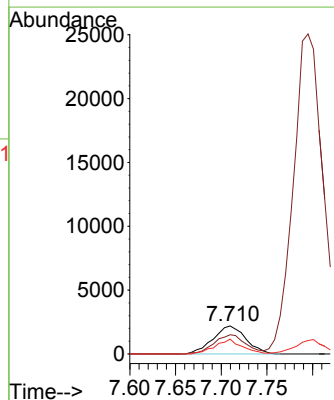
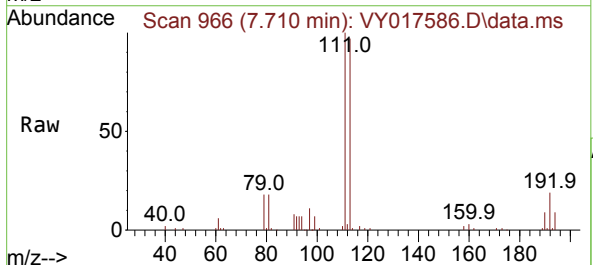
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

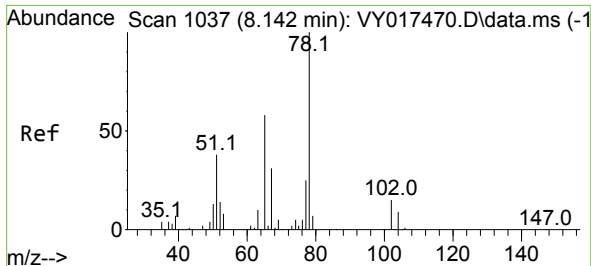
Tgt Ion: 56 Resp: 6576
Ion Ratio Lower Upper
56 100
69 77.8 28.7 43.1#
84 122.9 77.7 116.5#



#32
1,1,1-Trichloroethane
Concen: 2.799 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion: 97 Resp: 5481
Ion Ratio Lower Upper
97 100
99 66.8 50.3 75.5
61 43.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 58.109 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

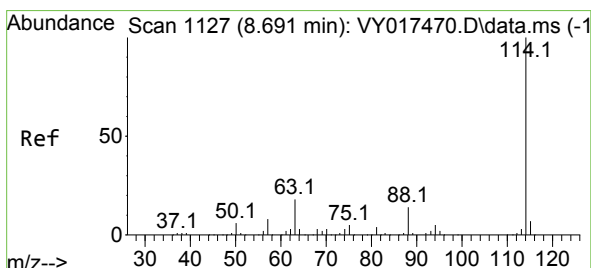
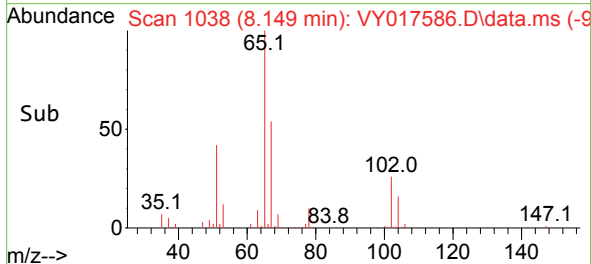
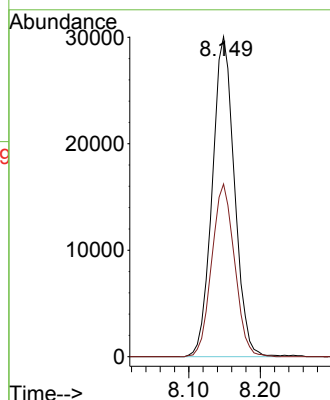
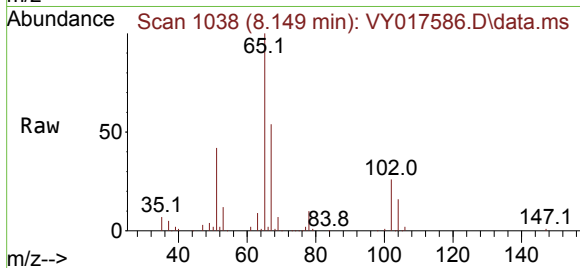
MDL02

Tgt Ion: 65 Resp: 64843

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

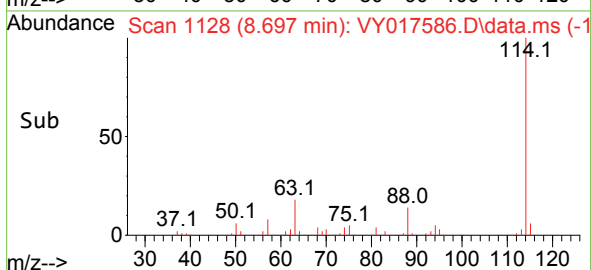
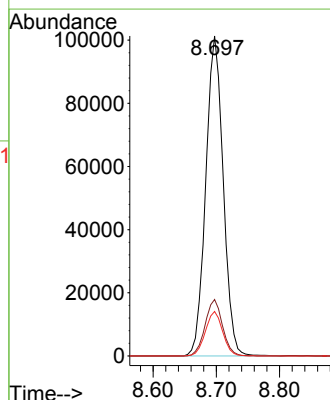
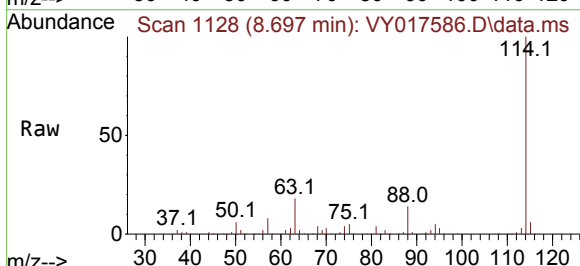
Tgt Ion: 114 Resp: 194933

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

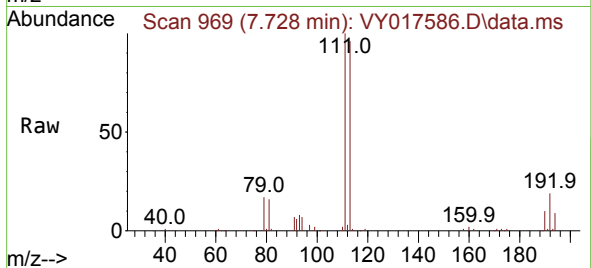
88 13.9 0.0 27.2



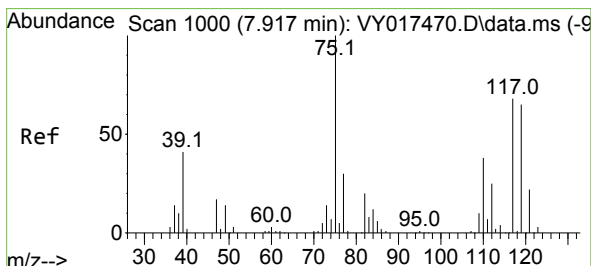
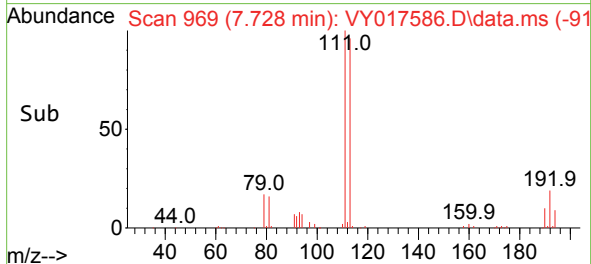
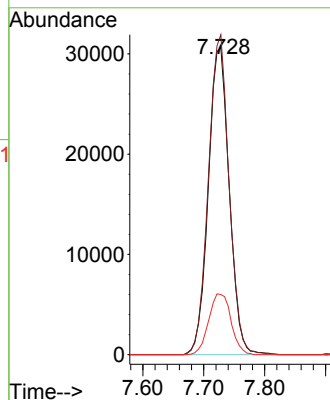


#35
Dibromofluoromethane
Concen: 53.896 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Instrument :
MSVOA_Y
ClientSampleId :
MDL02

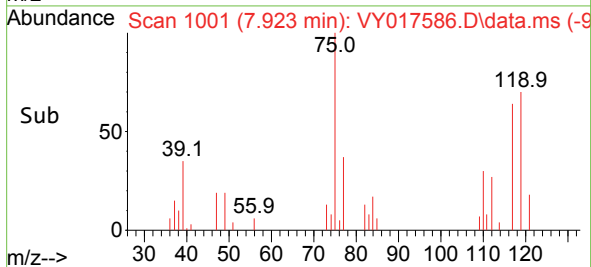
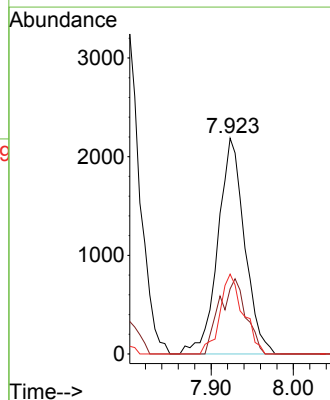
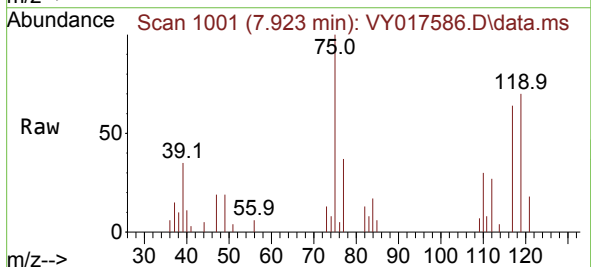


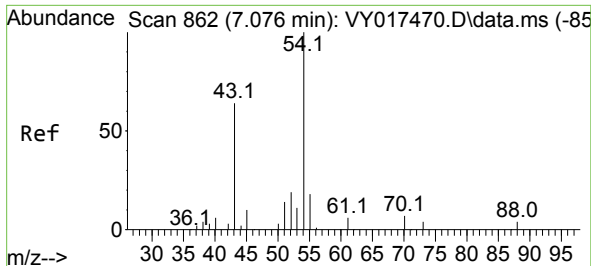
Tgt Ion:113 Resp: 73210
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 21.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 2.701 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion: 75 Resp: 4951
Ion Ratio Lower Upper
75 100
110 34.5 19.0 57.0
77 32.3 25.3 37.9





#37

Ethyl Acetate

Concen: 2.483 ug/l

RT: 7.094 min Scan# 8

Delta R.T. 0.018 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

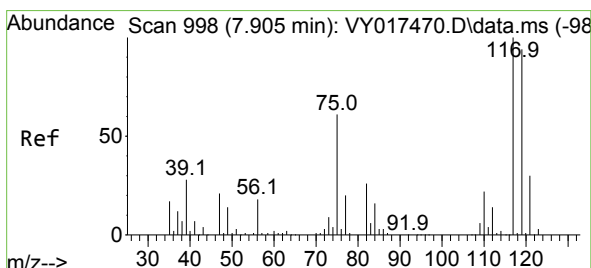
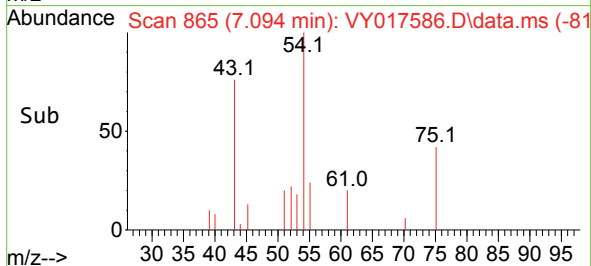
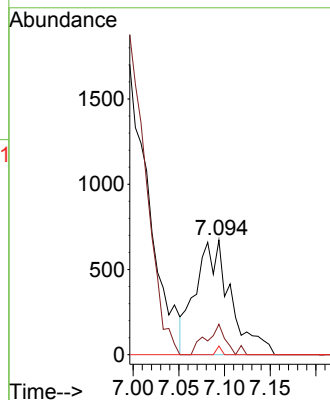
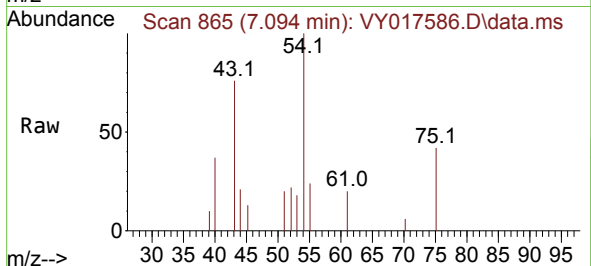
Tgt Ion: 43 Resp: 1797

Ion Ratio Lower Upper

43 100

61 15.2 12.6 19.0

70 1.1 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 2.817 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

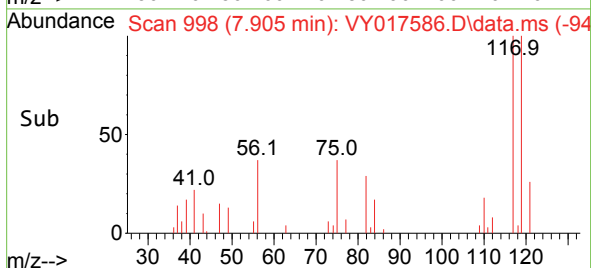
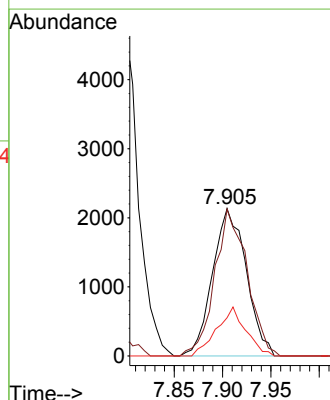
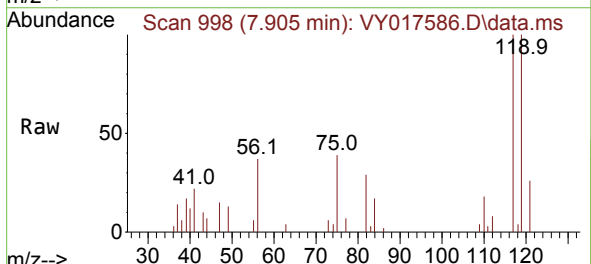
Tgt Ion: 117 Resp: 5174

Ion Ratio Lower Upper

117 100

119 99.6 75.8 113.6

121 25.9 24.0 36.0

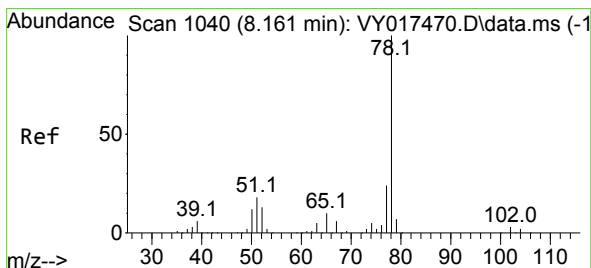
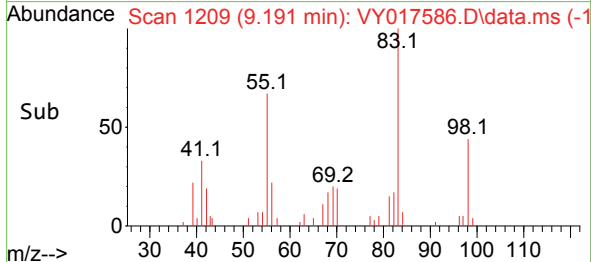
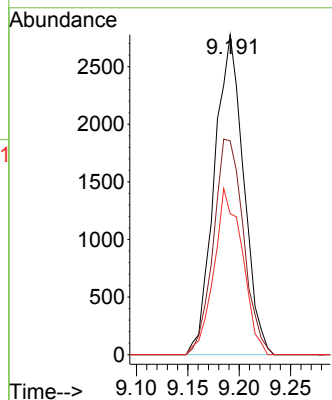
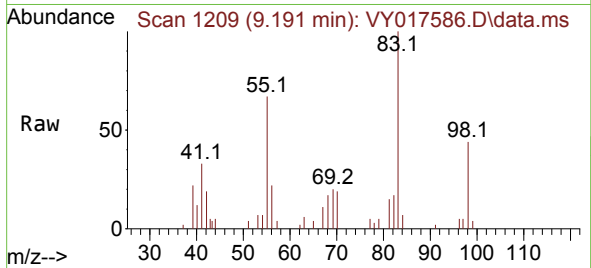




#39
Methylcyclohexane
Concen: 2.489 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

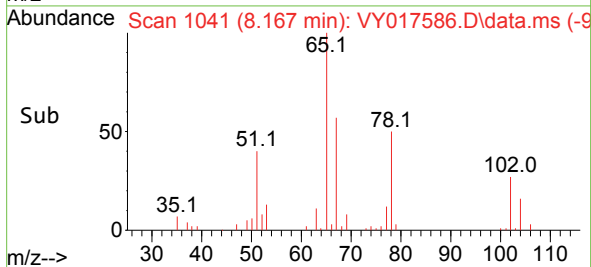
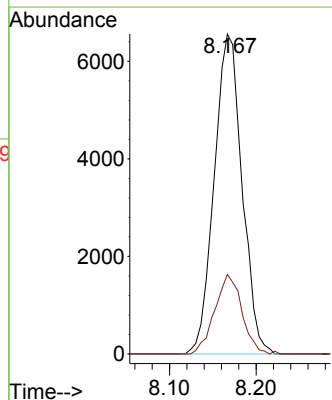
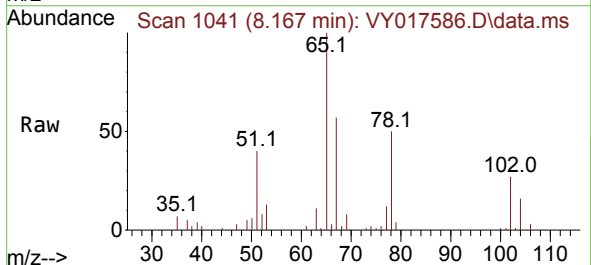
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

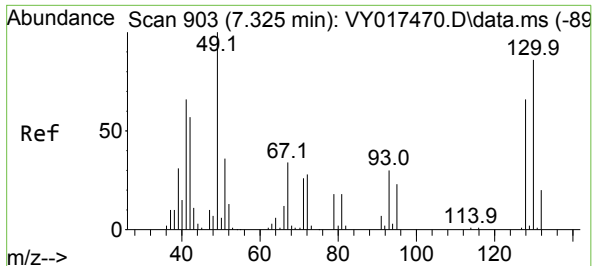
Tgt Ion: 83 Resp: 5481
Ion Ratio Lower Upper
83 100
55 66.9 51.5 77.3
98 44.1 40.5 60.7



#40
Benzene
Concen: 2.690 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

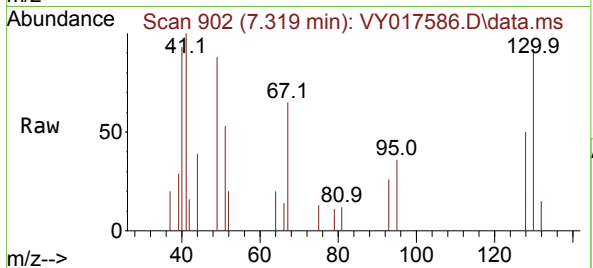
Tgt Ion: 78 Resp: 14640
Ion Ratio Lower Upper
78 100
77 24.9 19.5 29.3



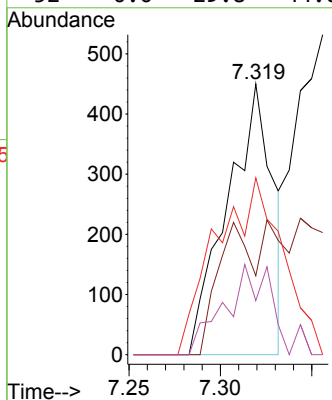
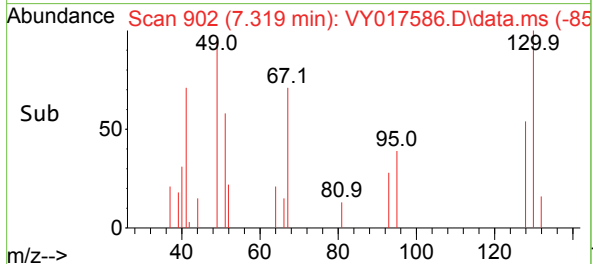


#41
Methacrylonitrile
Concen: 2.147 ug/l
RT: 7.319 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Instrument :
MSVOA_Y
ClientSampleId :
MDL02

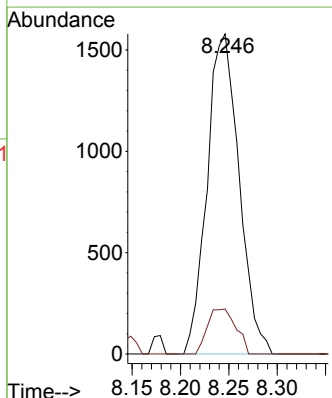
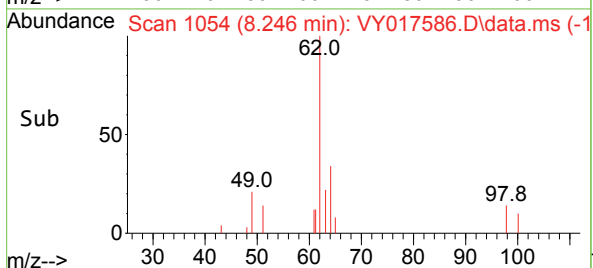
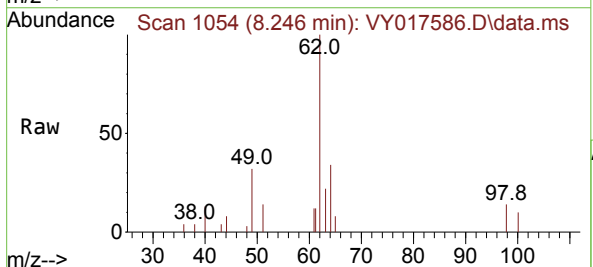


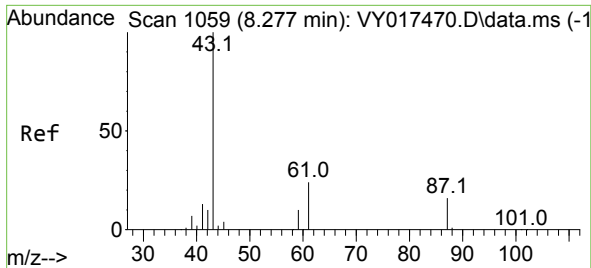
Tgt Ion: 41 Resp: 780
Ion Ratio Lower Upper
41 100
39 10.1 48.0 72.0#
67 95.3 75.1 112.7
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 2.740 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion: 62 Resp: 3639
Ion Ratio Lower Upper
62 100
98 12.5 0.0 22.0

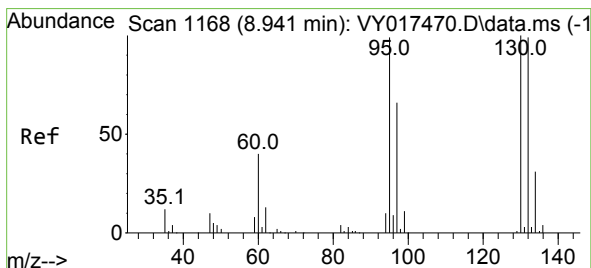
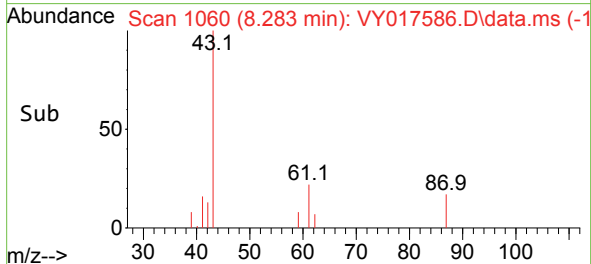
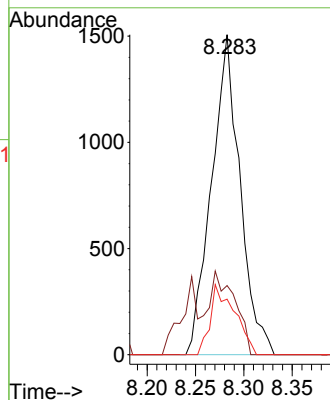
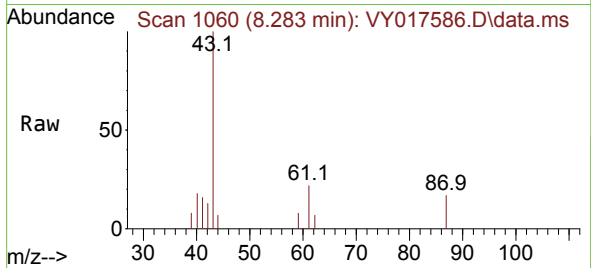




#43
Isopropyl Acetate
Concen: 2.425 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

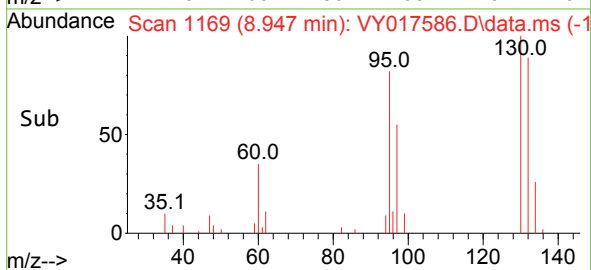
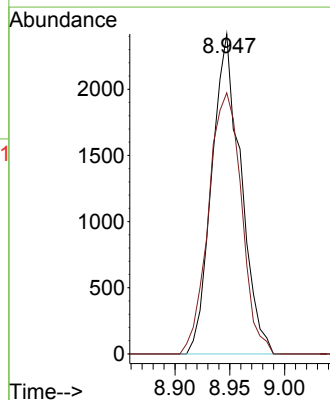
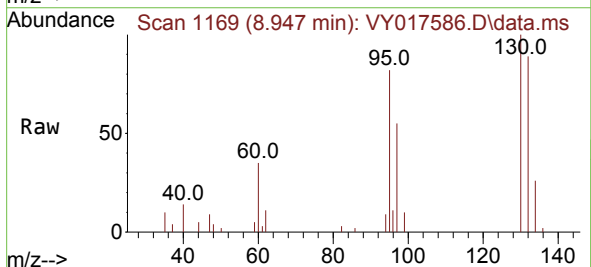
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

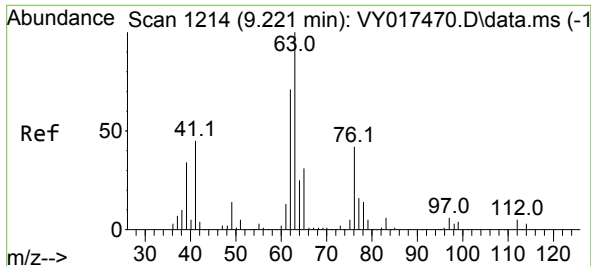
Tgt Ion: 43 Resp: 3084
Ion Ratio Lower Upper
43 100
61 22.4 27.9 41.9#
87 18.9 13.1 19.7



#44
Trichloroethene
Concen: 2.835 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion:130 Resp: 4447
Ion Ratio Lower Upper
130 100
95 81.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 2.638 ug/l

RT: 9.222 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

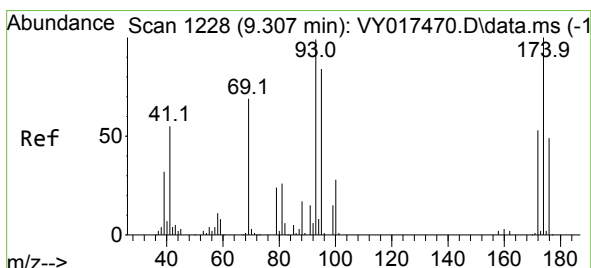
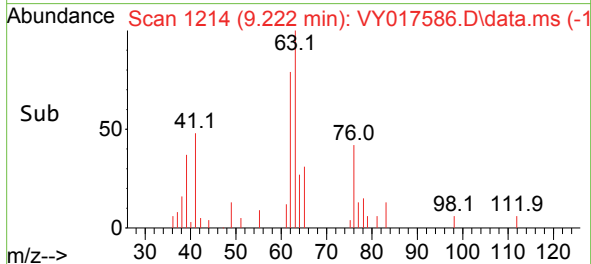
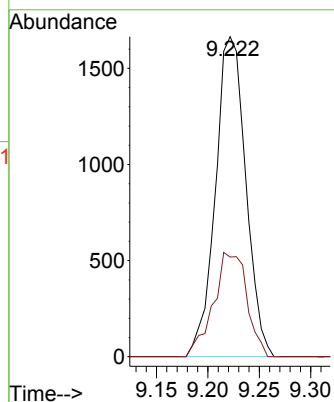
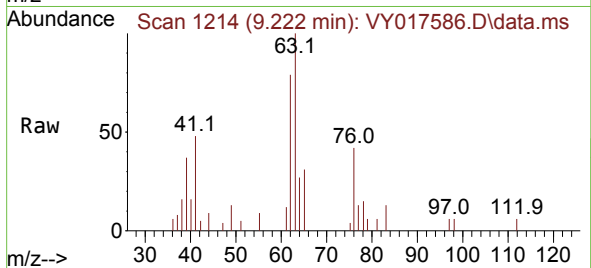
MDL02

Tgt Ion: 63 Resp: 3416

Ion Ratio Lower Upper

63 100

65 31.2 25.4 38.2



#46

Dibromomethane

Concen: 2.683 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

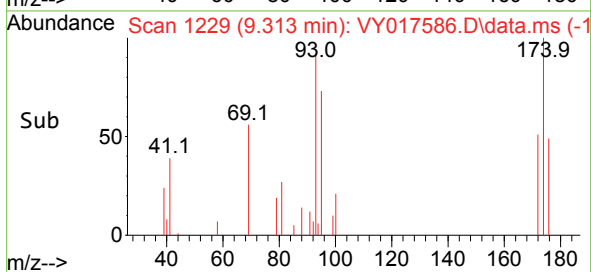
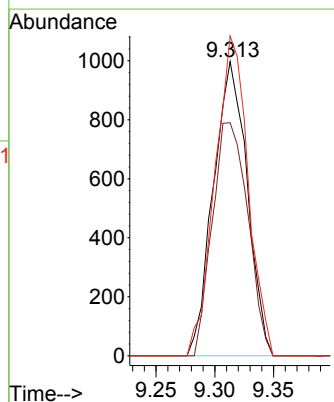
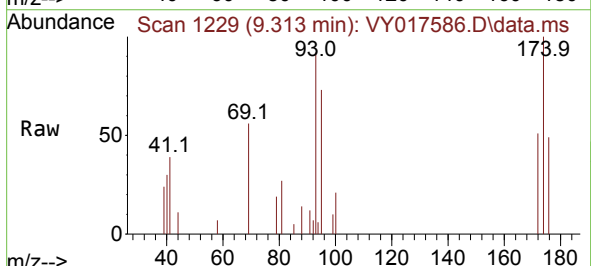
Tgt Ion: 93 Resp: 1988

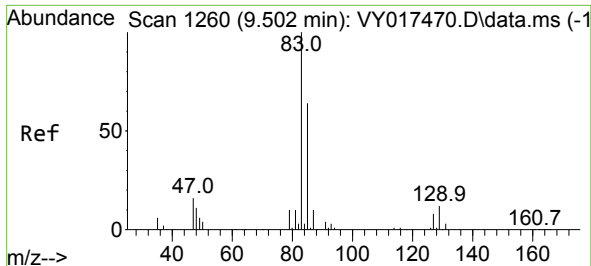
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.4

174 106.9 80.9 121.3

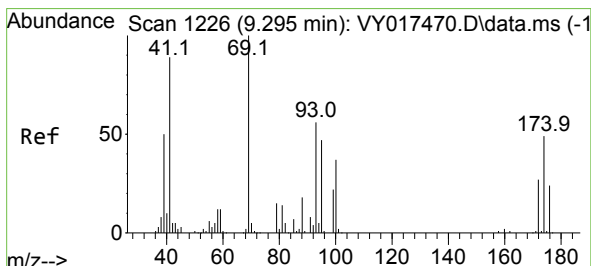
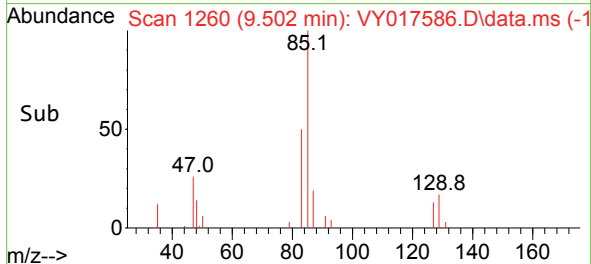
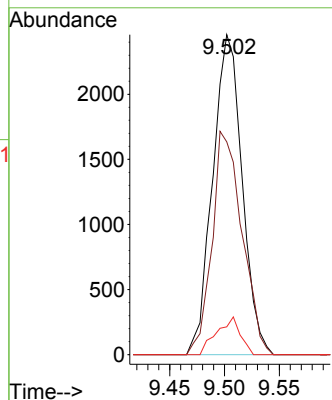
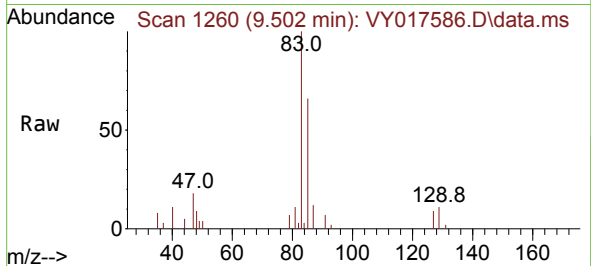




#47
Bromodichloromethane
Concen: 2.557 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

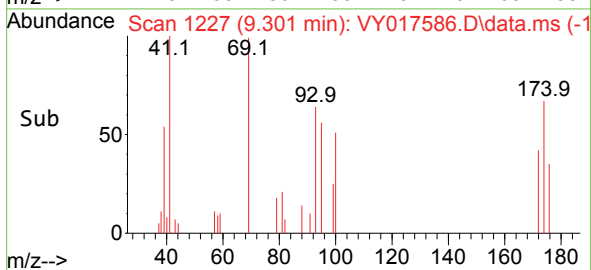
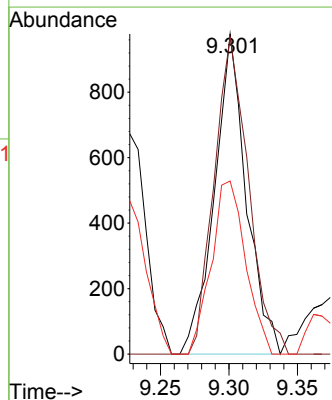
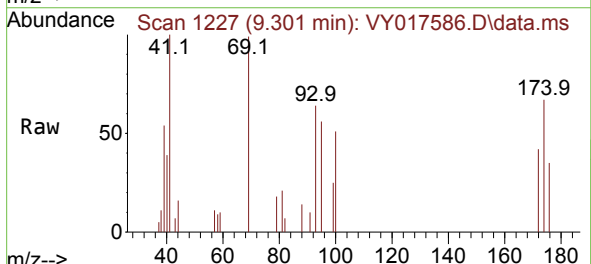
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

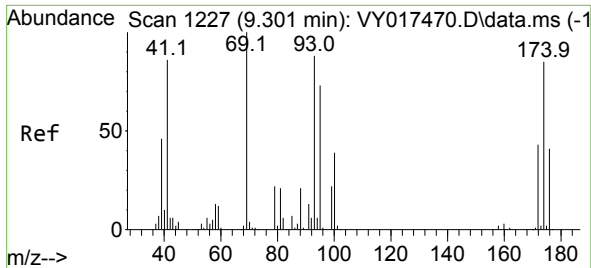
Tgt Ion: 83 Resp: 4601
Ion Ratio Lower Upper
83 100
85 66.5 50.1 75.1
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 2.687 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion: 41 Resp: 1582
Ion Ratio Lower Upper
41 100
69 106.8 84.1 126.1
39 58.2 43.6 65.4

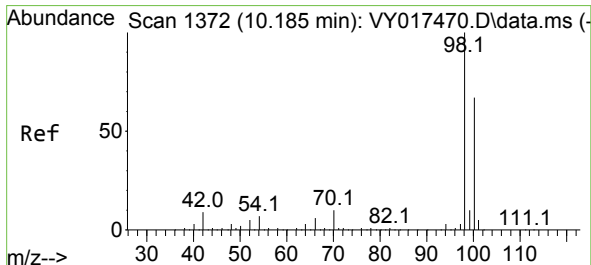
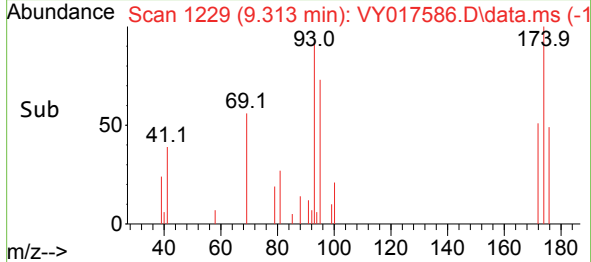
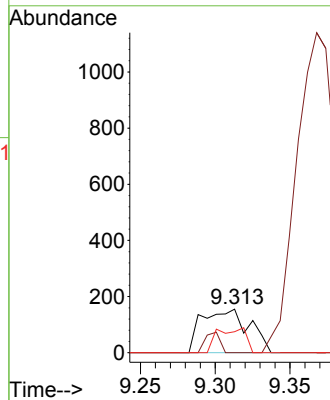
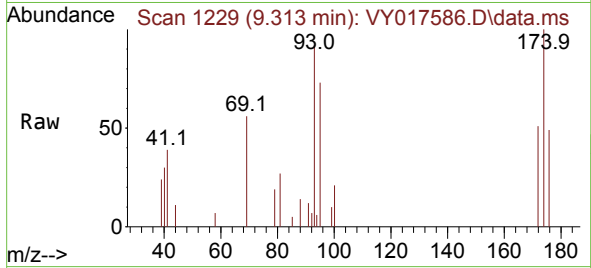




#49
1,4-Dioxane
Concen: 40.778 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

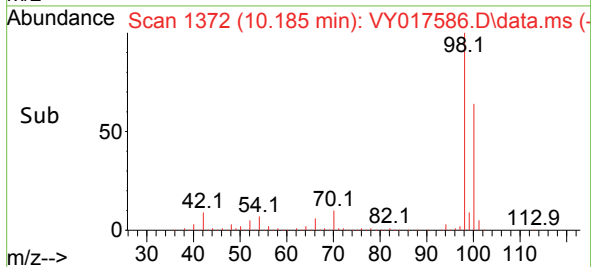
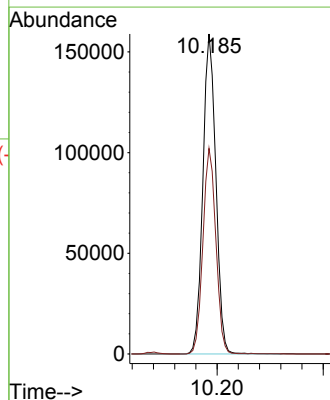
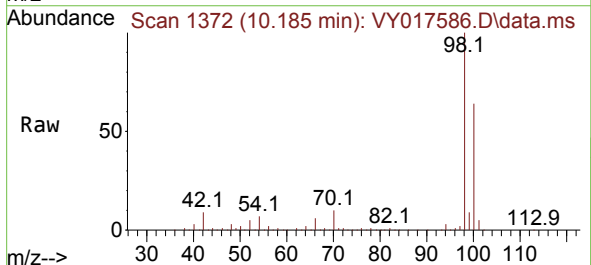
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

Tgt Ion: 88 Resp: 342
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 33.9 49.3 73.9#



#50
Toluene-d8
Concen: 56.801 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion: 98 Resp: 269765
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

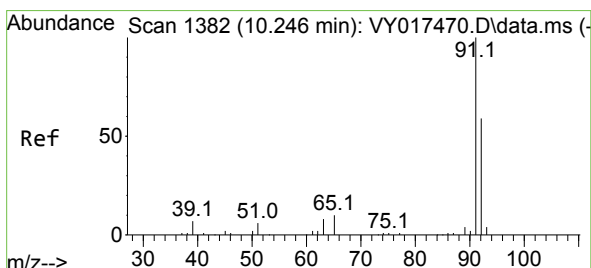
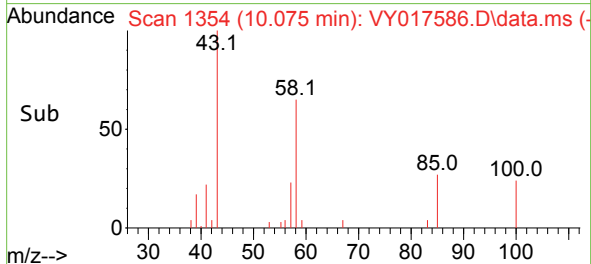
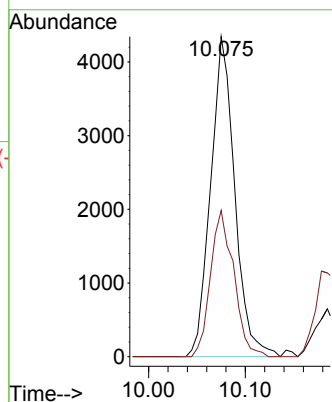
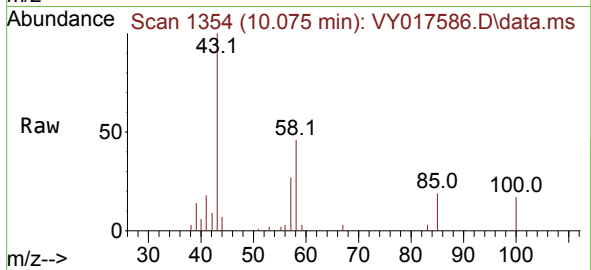




#51
4-Methyl-2-Pentanone
Concen: 10.617 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

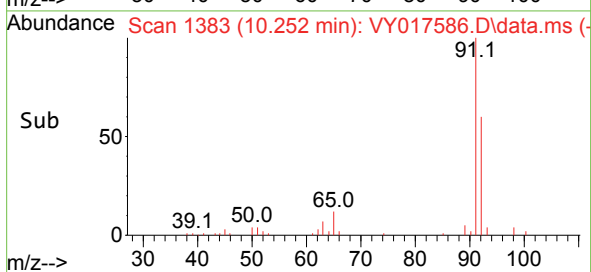
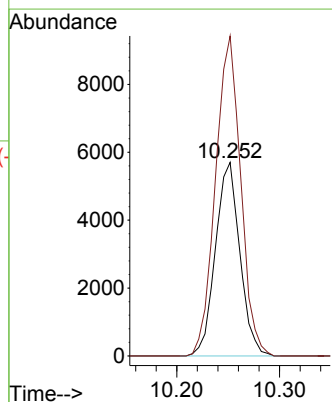
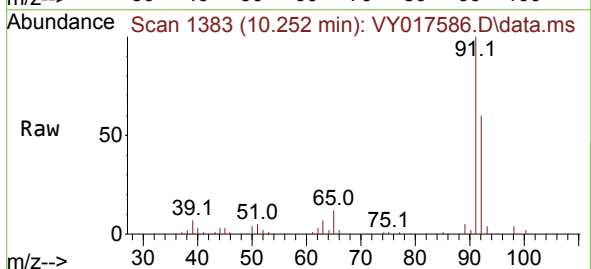
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

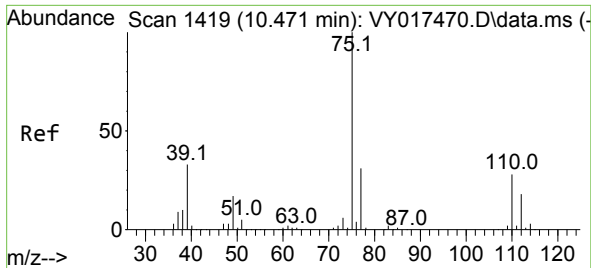
Tgt Ion: 43 Resp: 7527
Ion Ratio Lower Upper
43 100
58 44.2 35.7 53.5



#52
Toluene
Concen: 2.738 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion: 92 Resp: 9395
Ion Ratio Lower Upper
92 100
91 170.8 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 2.355 ug/l

RT: 10.471 min Scan# 1419

Delta R.T. 0.000 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

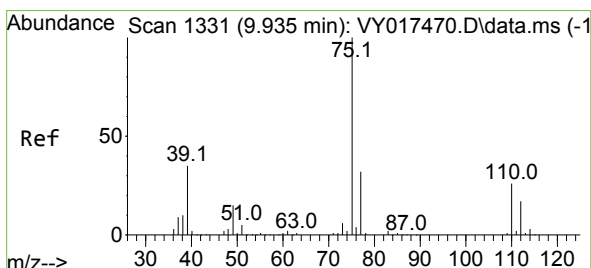
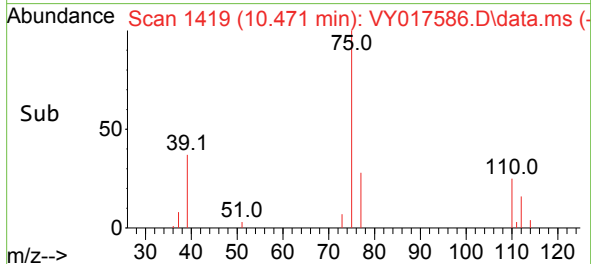
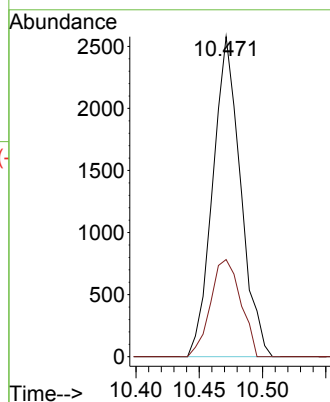
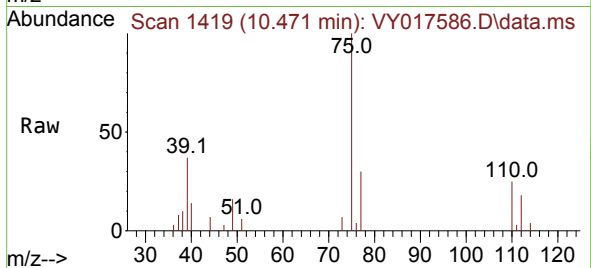
MDL02

Tgt Ion: 75 Resp: 3934

Ion Ratio Lower Upper

75 100

77 30.4 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 2.423 ug/l

RT: 9.935 min Scan# 1331

Delta R.T. 0.000 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

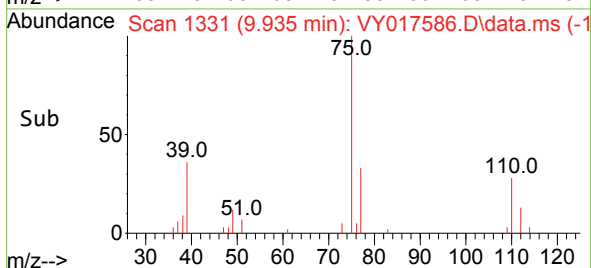
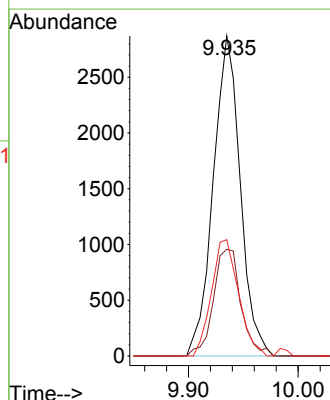
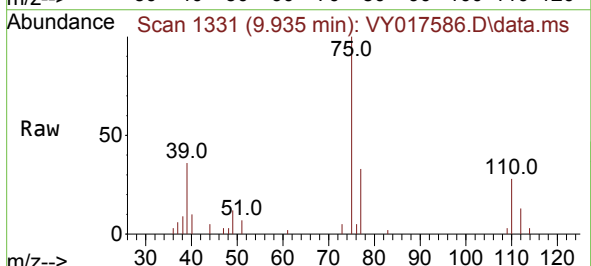
Tgt Ion: 75 Resp: 4917

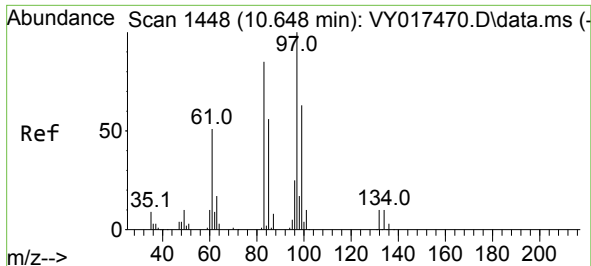
Ion Ratio Lower Upper

75 100

77 33.3 25.4 38.0

39 36.4 29.8 44.6

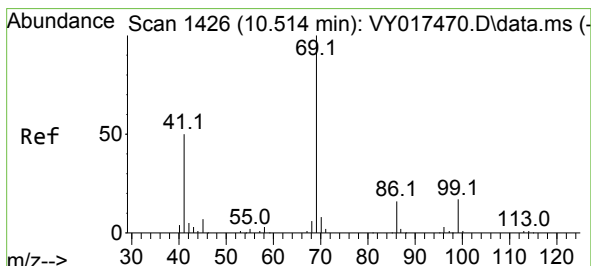
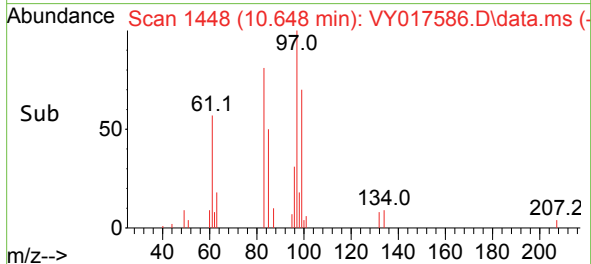
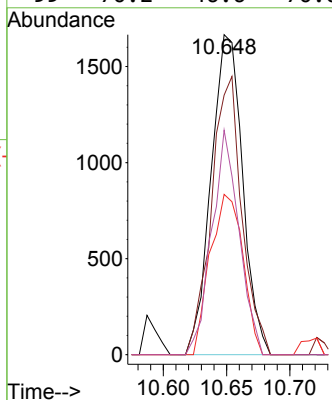
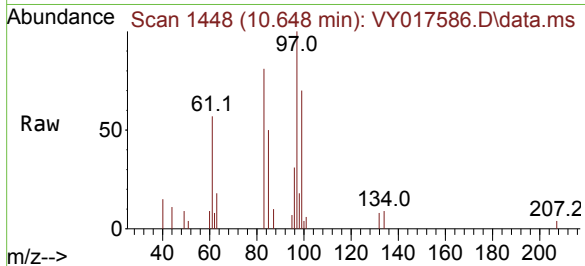




#55
1,1,2-Trichloroethane
Concen: 2.741 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

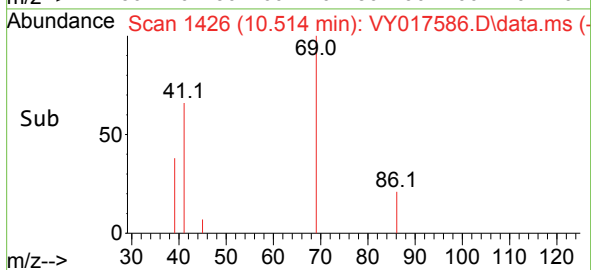
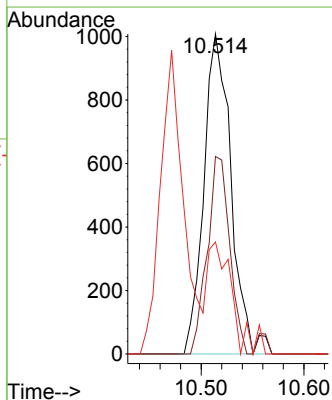
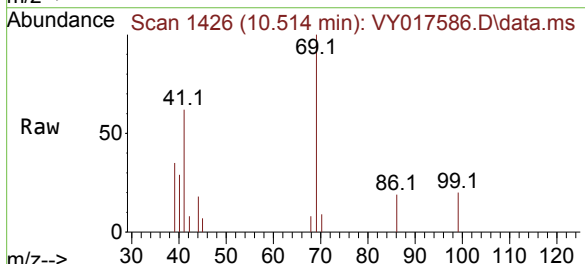
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

Tgt Ion:	97	Resp:	2884
Ion	Ratio	Lower	Upper
97	100		
83	81.1	67.5	101.3
85	50.1	42.9	64.3
99	70.2	46.6	70.0#



#56
Ethyl methacrylate
Concen: 1.574 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion:	69	Resp:	1857
Ion	Ratio	Lower	Upper
69	100		
41	50.8	42.3	63.5
39	31.4	22.9	34.3





#57

1,3-Dichloropropane

Concen: 2.536 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

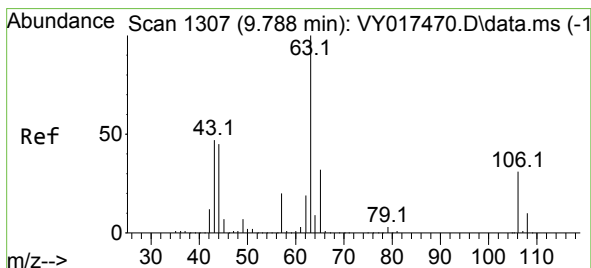
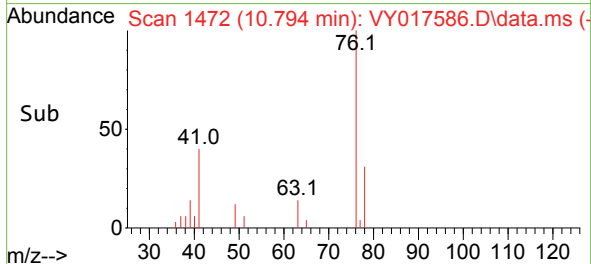
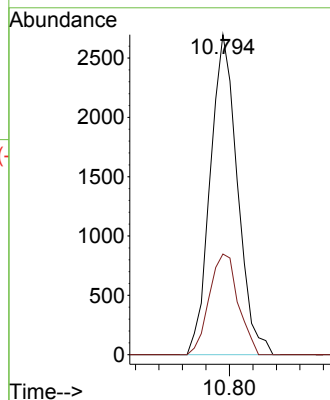
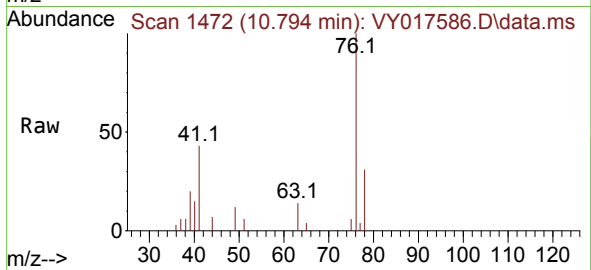
MDL02

Tgt Ion: 76 Resp: 4339

Ion Ratio Lower Upper

76 100

78 33.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 12.937 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017586.D

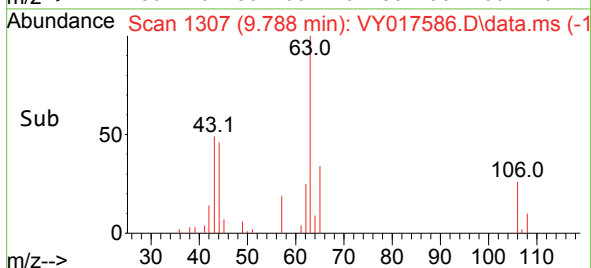
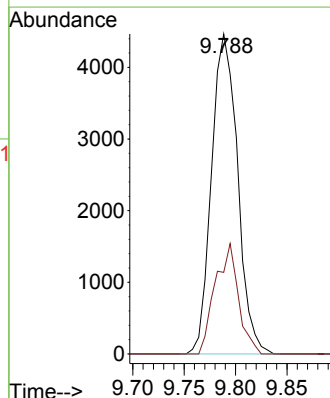
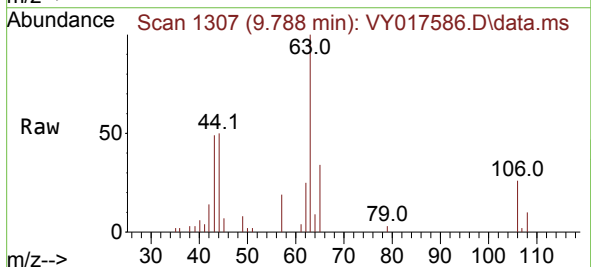
Acq: 06 Mar 2024 12:01

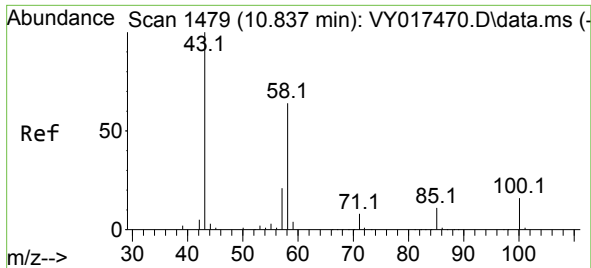
Tgt Ion: 63 Resp: 7855

Ion Ratio Lower Upper

63 100

106 30.8 23.7 35.5

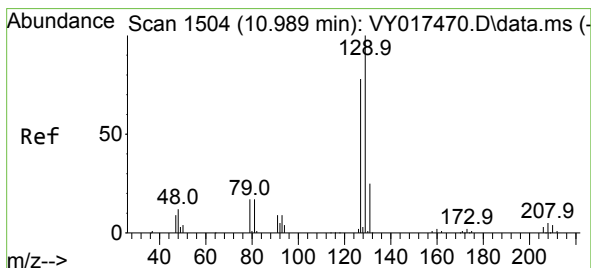
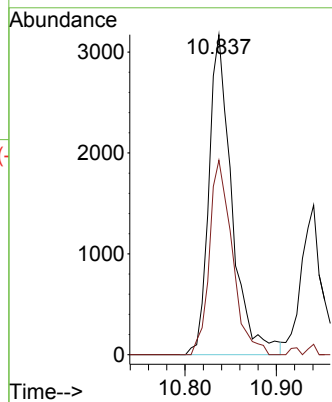
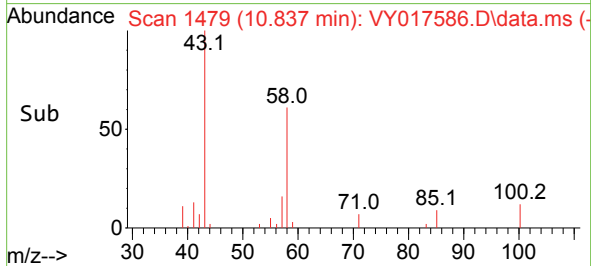
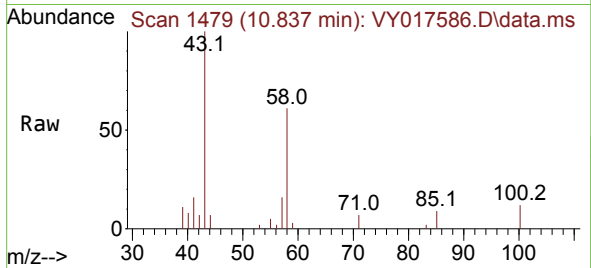




#59
2-Hexanone
Concen: 11.377 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

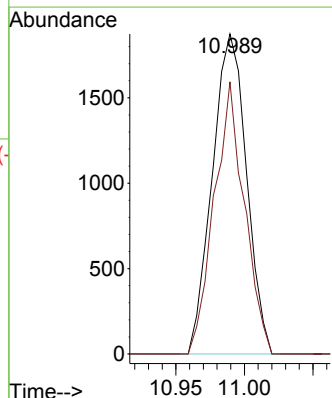
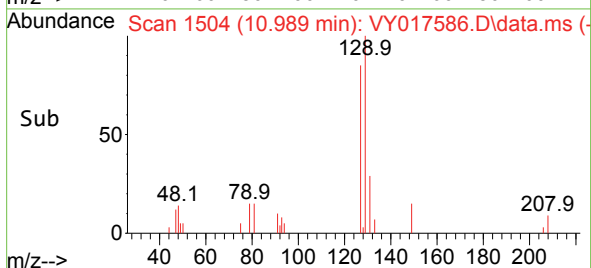
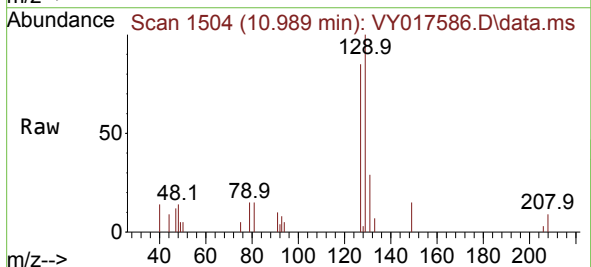
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 5540
Ion Ratio Lower Upper
43 100
58 60.5 31.4 94.0



#60
Dibromochloromethane
Concen: 2.610 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion: 129 Resp: 3249
Ion Ratio Lower Upper
129 100
127 75.2 39.0 117.0

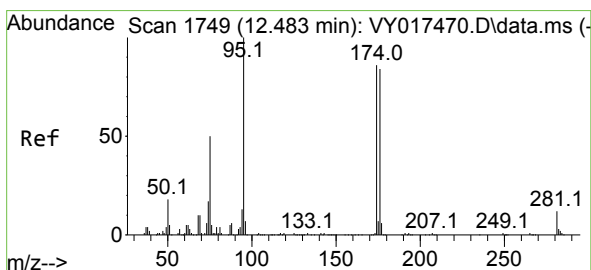
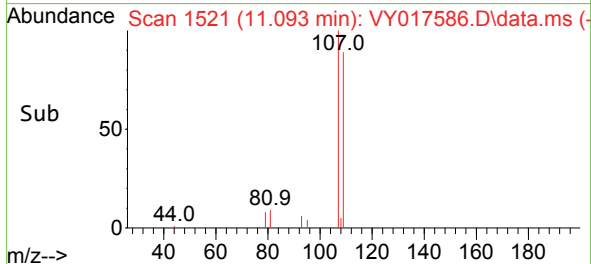
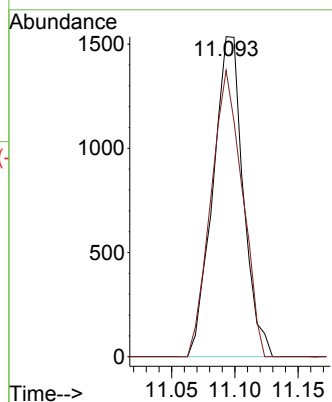
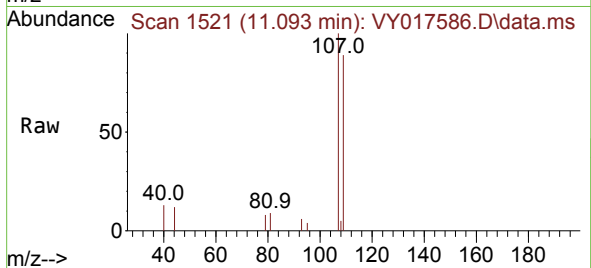




#61
1,2-Dibromoethane
Concen: 2.639 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

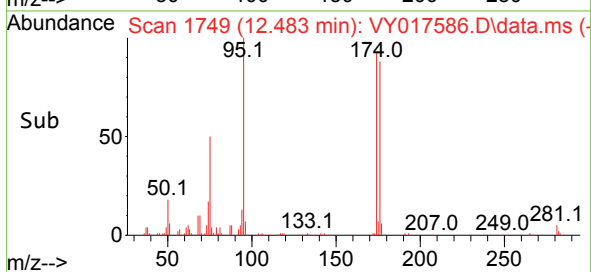
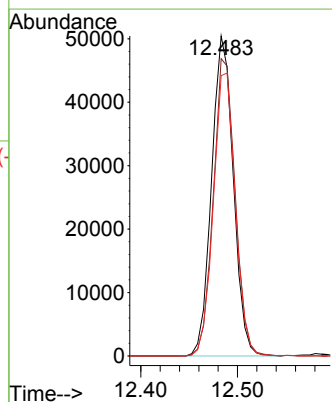
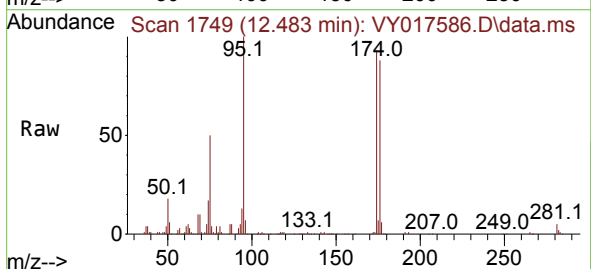
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

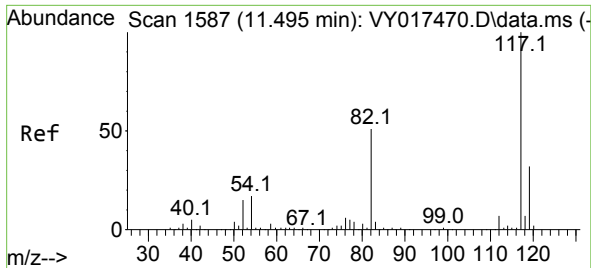
Tgt Ion:107 Resp: 2559
Ion Ratio Lower Upper
107 100
109 92.6 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.664 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion: 95 Resp: 78605
Ion Ratio Lower Upper
95 100
174 93.2 0.0 175.6
176 89.8 0.0 171.4

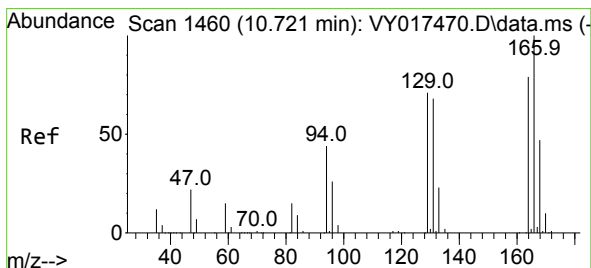
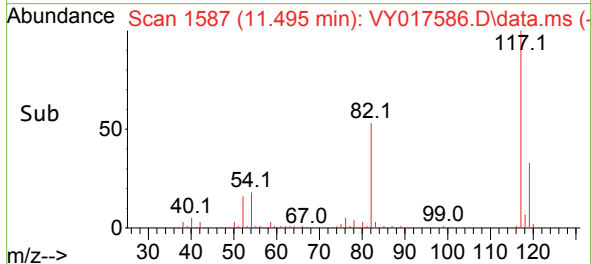
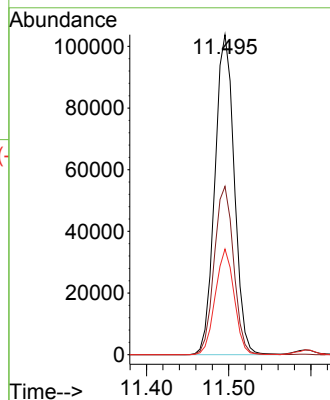
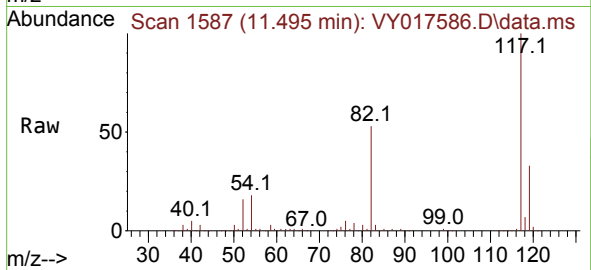




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

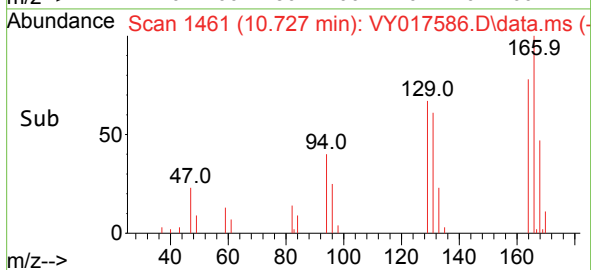
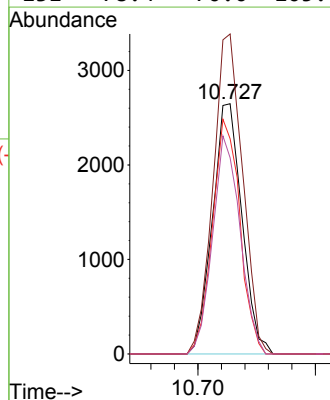
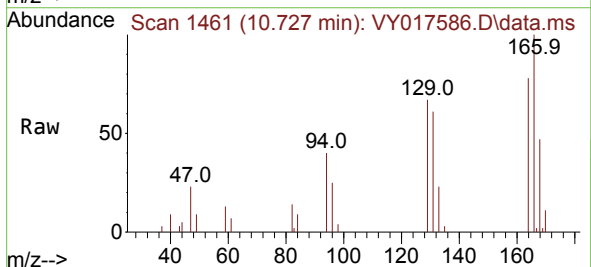
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

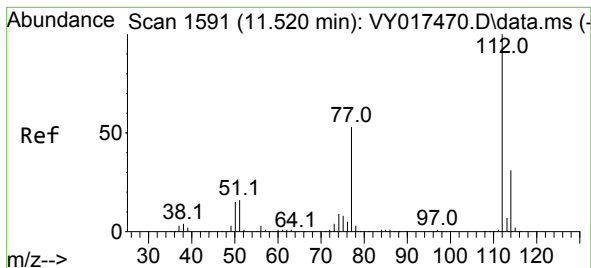
Tgt Ion:117 Resp: 170497
Ion Ratio Lower Upper
117 100
82 52.6 42.4 63.6
119 33.0 25.9 38.9



#64
Tetrachloroethene
Concen: 2.813 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion:164 Resp: 4603
Ion Ratio Lower Upper
164 100
166 127.9 102.6 154.0
129 86.0 72.0 108.0
131 78.4 70.0 105.0

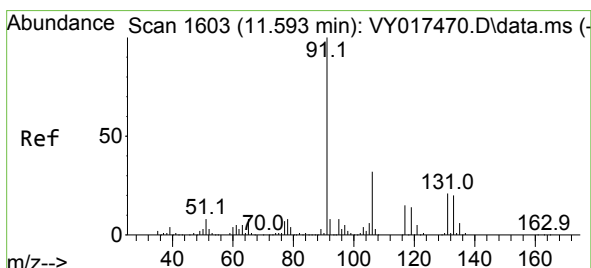
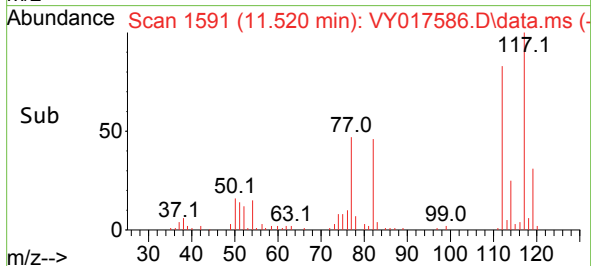
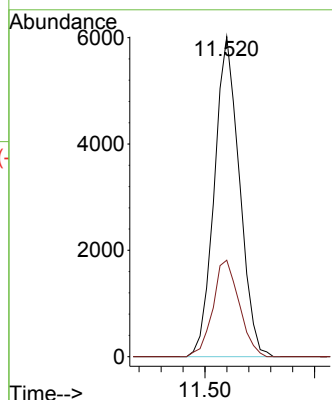
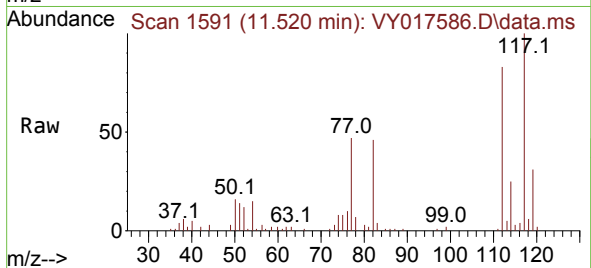




#65
Chlorobenzene
Concen: 2.642 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

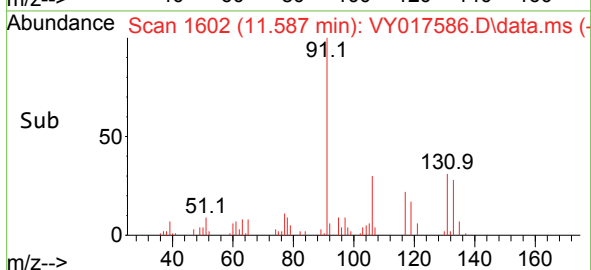
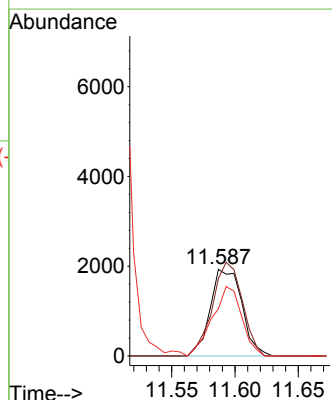
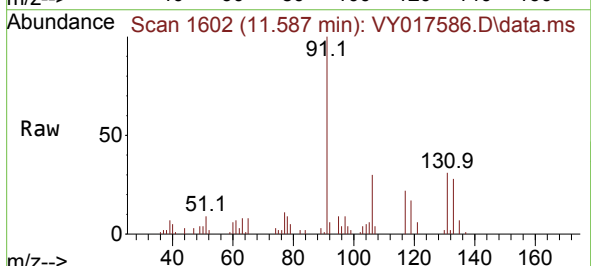
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

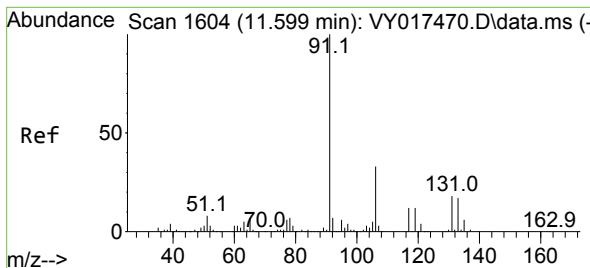
Tgt Ion:112 Resp: 9560
Ion Ratio Lower Upper
112 100
114 30.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.479 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion:131 Resp: 3361
Ion Ratio Lower Upper
131 100
133 102.3 47.8 143.3
119 74.0 34.1 102.2





#67

Ethyl Benzene

Concen: 2.312 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

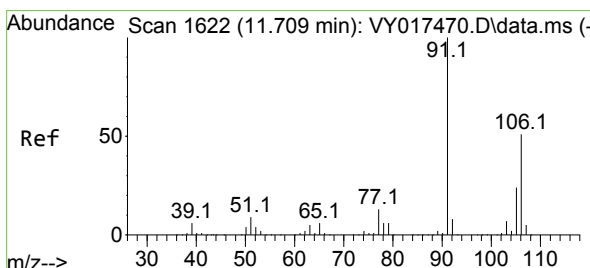
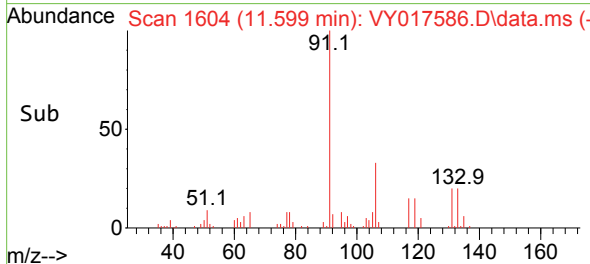
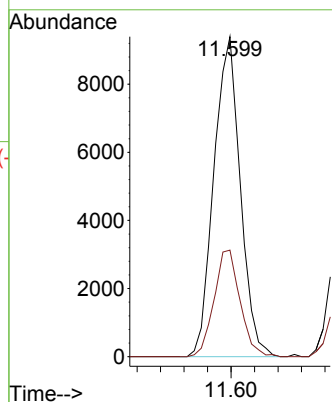
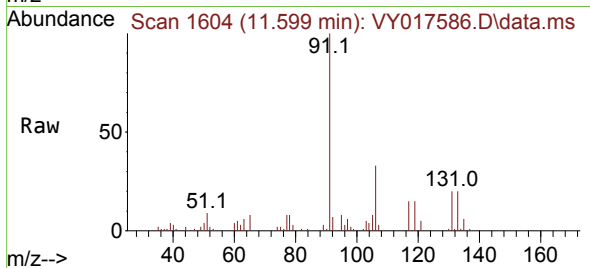
MDL02

Tgt Ion: 91 Resp: 14672

Ion Ratio Lower Upper

91 100

106 33.3 24.5 36.7



#68

m/p-Xylenes

Concen: 4.457 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY017586.D

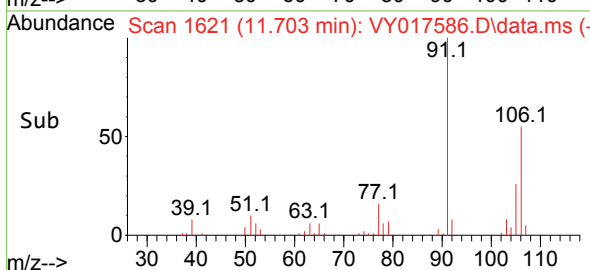
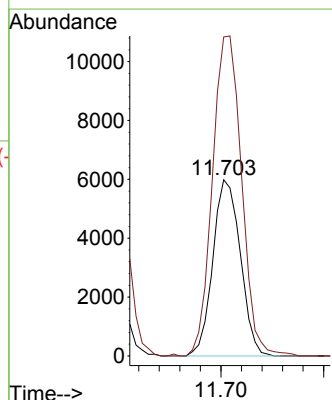
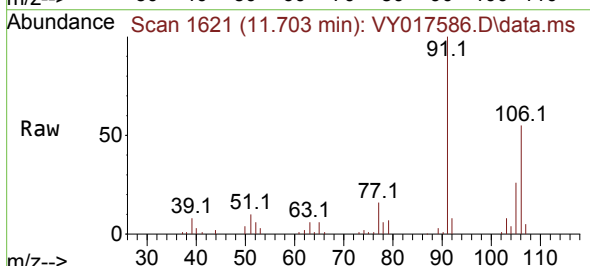
Acq: 06 Mar 2024 12:01

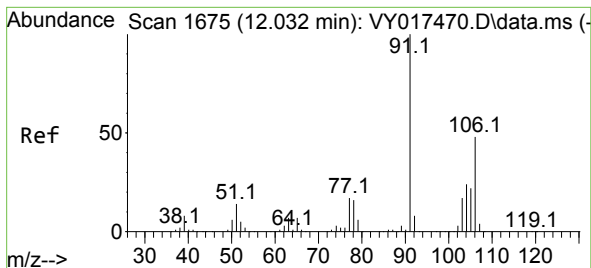
Tgt Ion: 106 Resp: 11116

Ion Ratio Lower Upper

106 100

91 192.8 156.0 234.0





#69

o-Xylene

Concen: 2.227 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

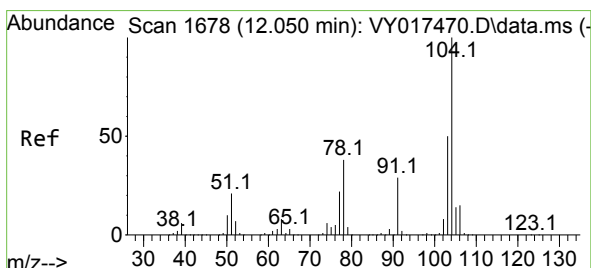
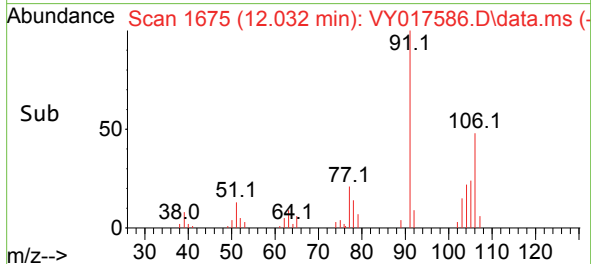
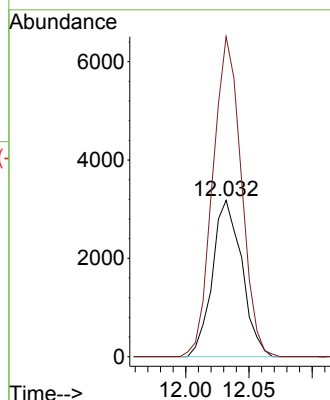
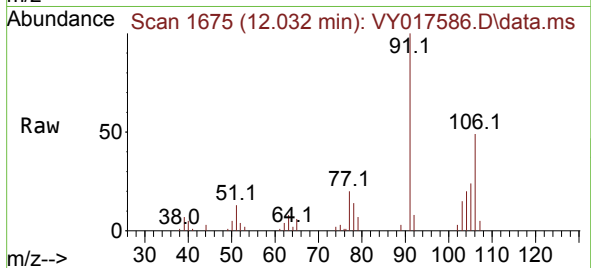
MDL02

Tgt Ion:106 Resp: 5153

Ion Ratio Lower Upper

106 100

91 197.8 103.6 310.8



#70

Styrene

Concen: 1.711 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

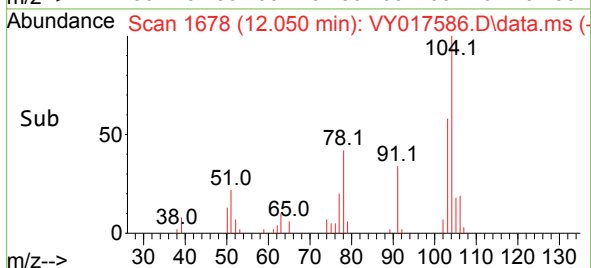
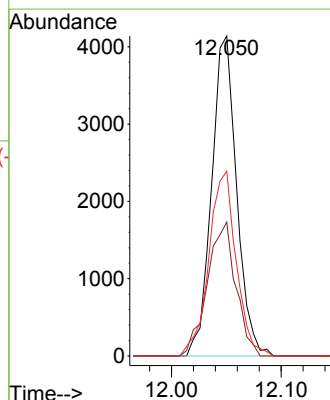
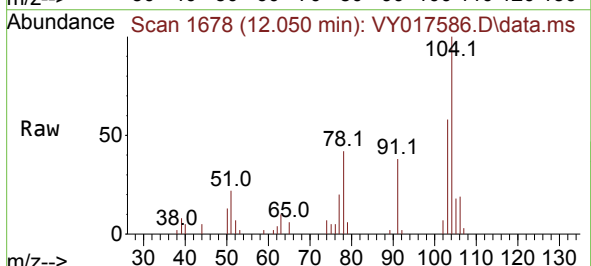
Tgt Ion:104 Resp: 6572

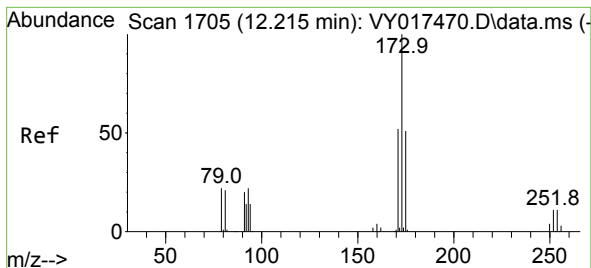
Ion Ratio Lower Upper

104 100

78 47.6 37.0 55.4

103 63.1 44.2 66.2





#71

Bromoform

Concen: 2.493 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

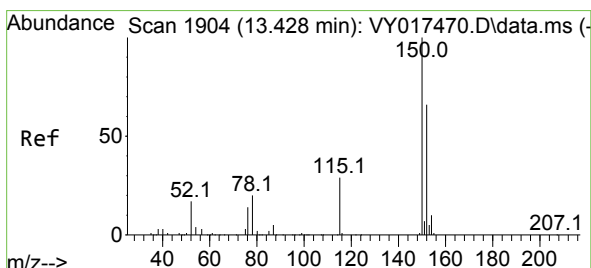
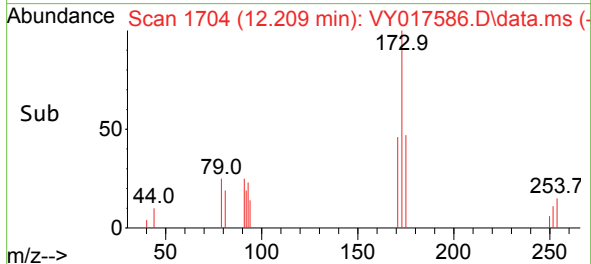
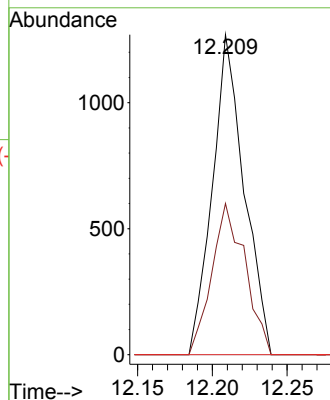
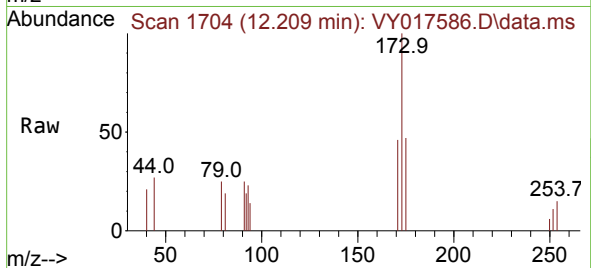
Tgt Ion:173 Resp: 1873

Ion Ratio Lower Upper

173 100

175 49.6 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

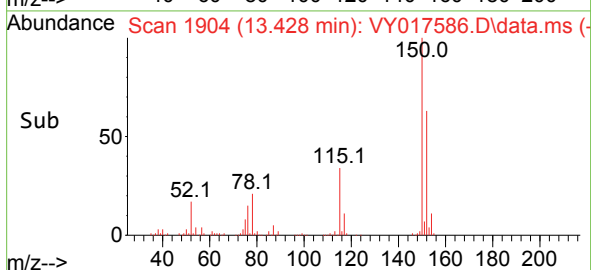
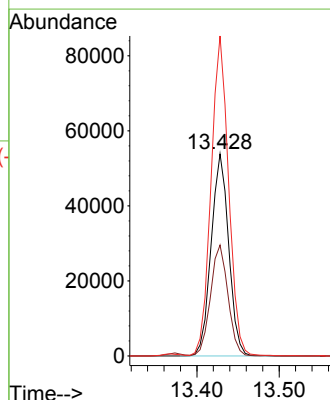
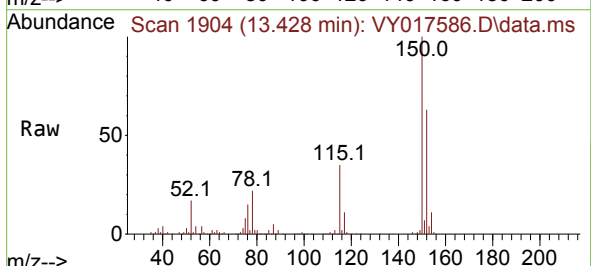
Tgt Ion:152 Resp: 79814

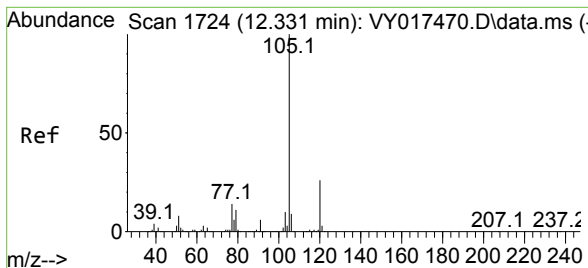
Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 158.0 0.0 345.6





#73

Isopropylbenzene

Concen: 2.117 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

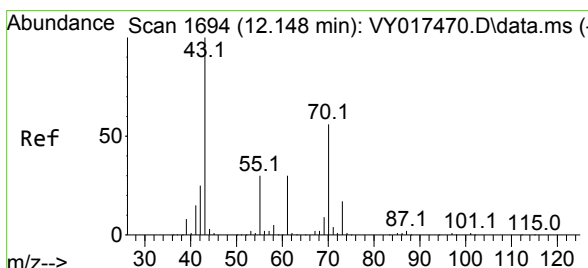
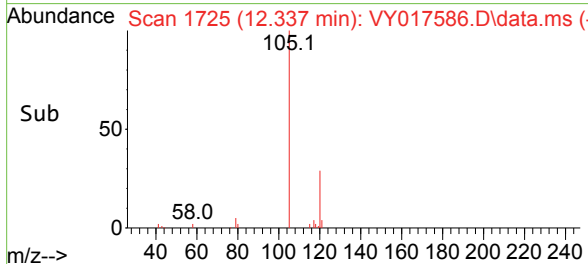
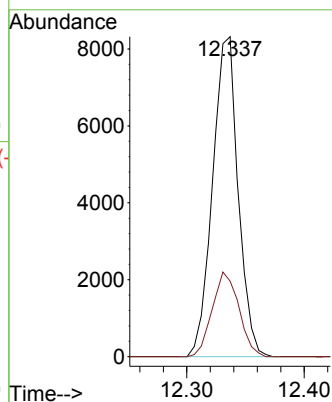
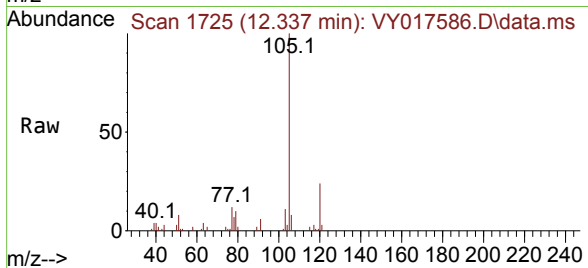
MDL02

Tgt Ion:105 Resp: 12554

Ion Ratio Lower Upper

105 100

120 27.6 13.4 40.1



#74

N-ethyl acetate

Concen: 2.084 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Tgt Ion: 43 Resp: 2179

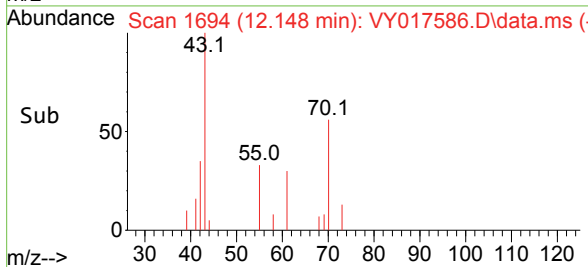
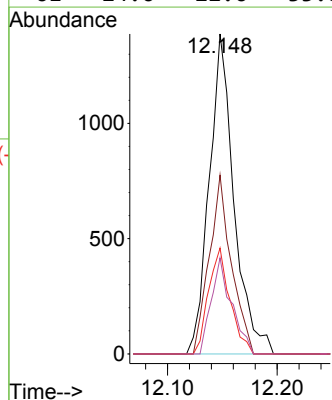
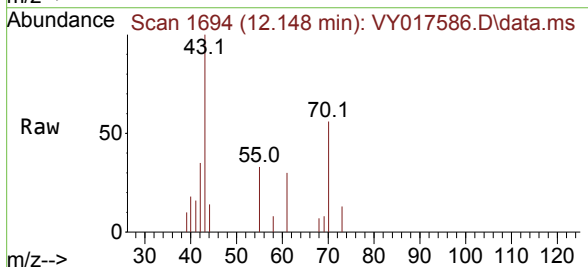
Ion Ratio Lower Upper

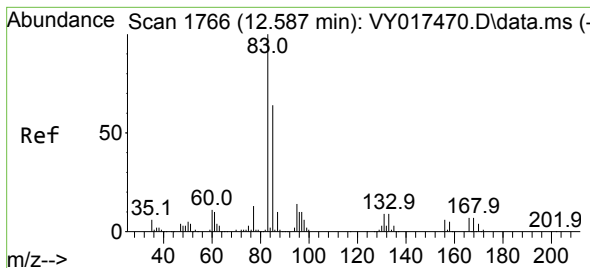
43 100

70 50.0 41.4 62.2

55 28.7 23.3 34.9

61 24.6 22.6 33.8

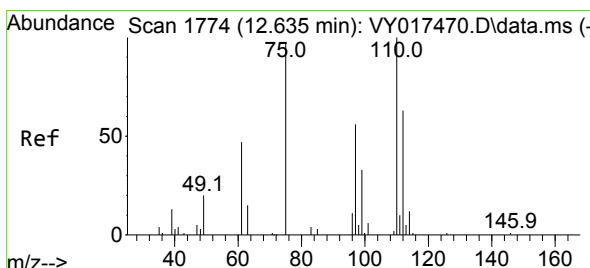
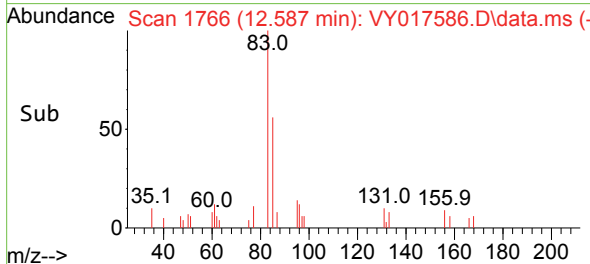
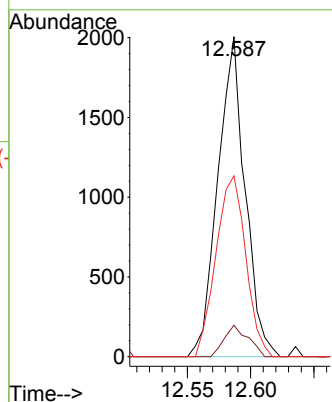
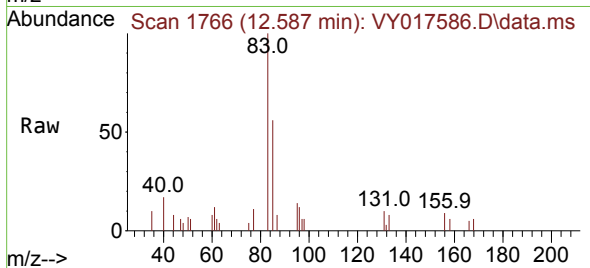




#75
1,1,2,2-Tetrachloroethane
Concen: 2.951 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

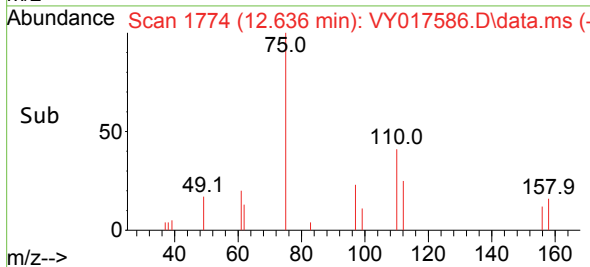
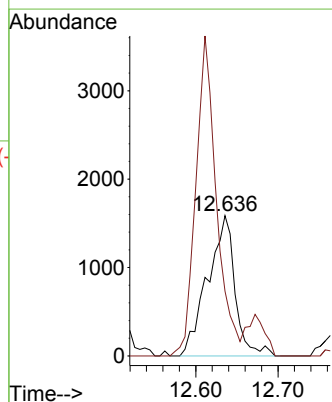
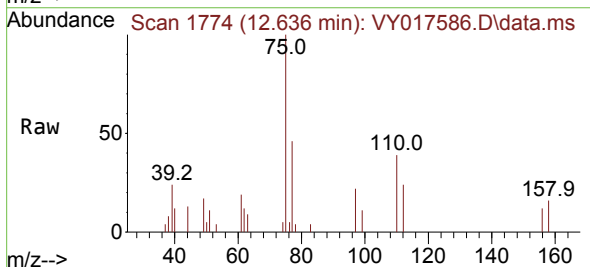
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

Tgt Ion: 83 Resp: 3005
Ion Ratio Lower Upper
83 100
131 8.6 5.0 14.9
85 61.7 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 4.858 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion: 75 Resp: 3684
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.506 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

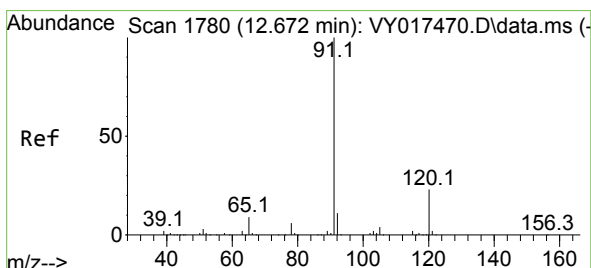
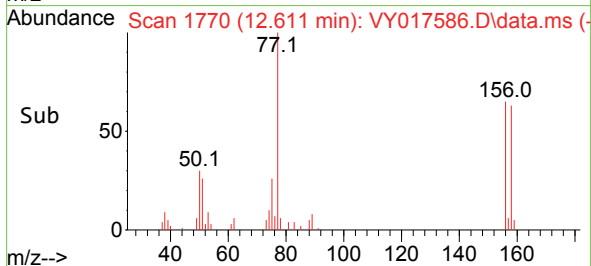
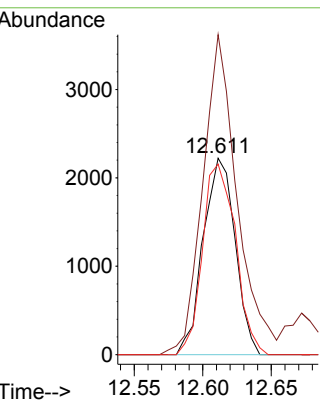
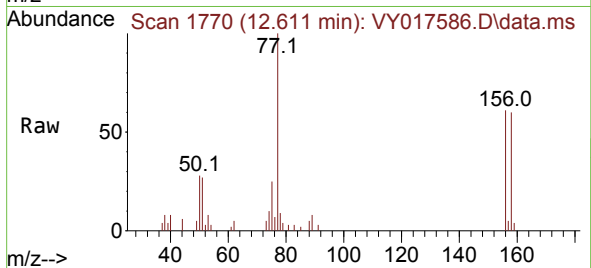
Tgt Ion:156 Resp: 3599

Ion Ratio Lower Upper

156 100

77 174.9 87.1 261.3

158 100.5 48.6 145.9



#78

n-propylbenzene

Concen: 2.332 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017586.D

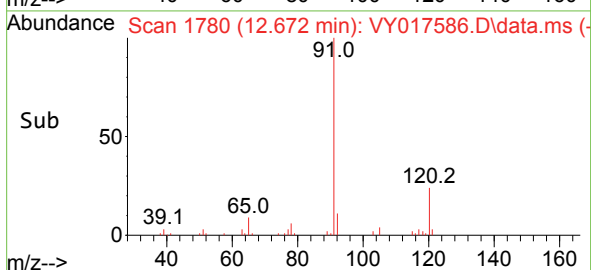
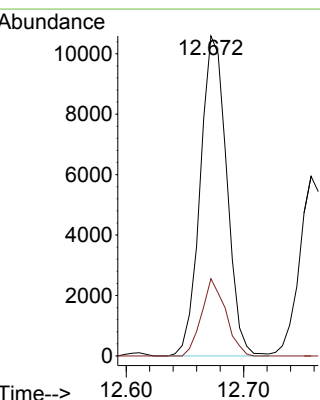
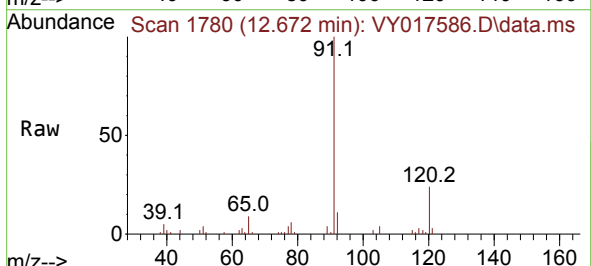
Acq: 06 Mar 2024 12:01

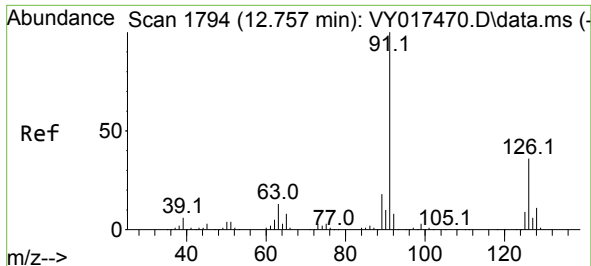
Tgt Ion: 91 Resp: 16589

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.412 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

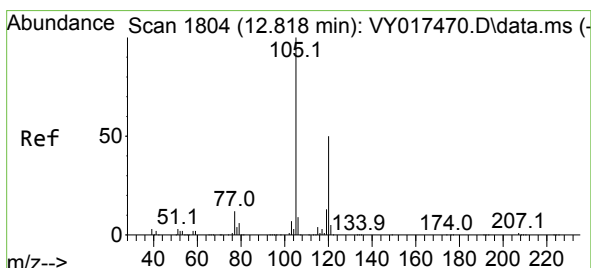
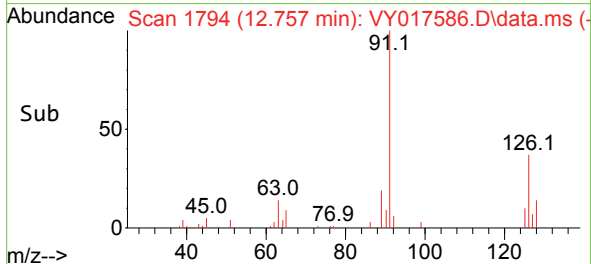
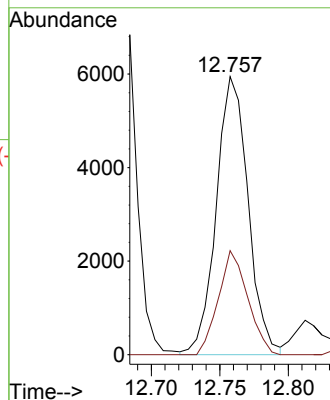
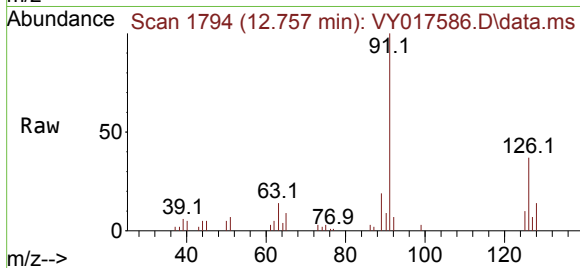
MDL02

Tgt Ion: 91 Resp: 9609

Ion Ratio Lower Upper

91 100

126 34.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 2.168 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017586.D

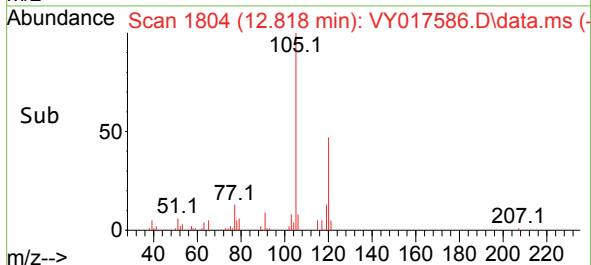
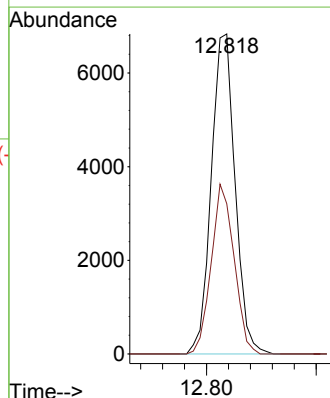
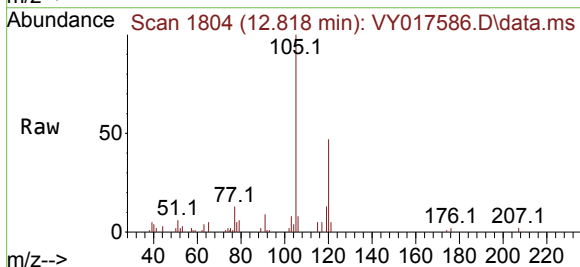
Acq: 06 Mar 2024 12:01

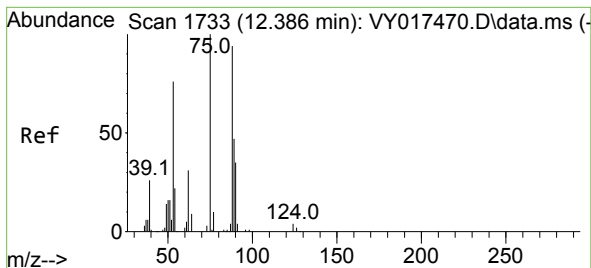
Tgt Ion: 105 Resp: 10298

Ion Ratio Lower Upper

105 100

120 51.0 25.1 75.2

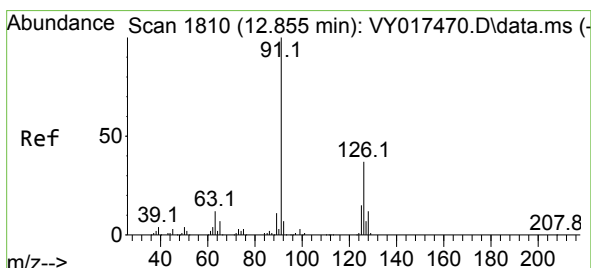
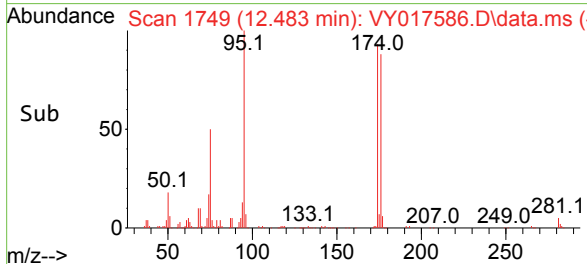
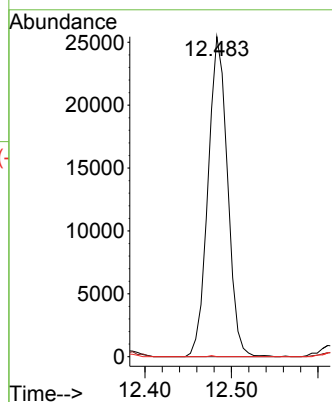
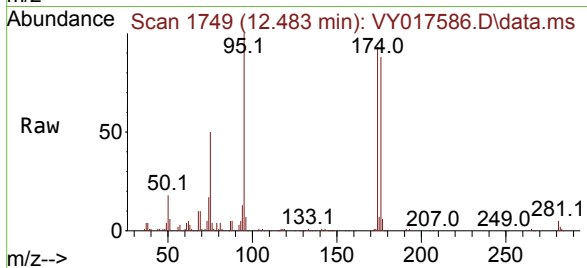




#81
trans-1,4-Dichloro-2-butene
Concen: 120.477 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

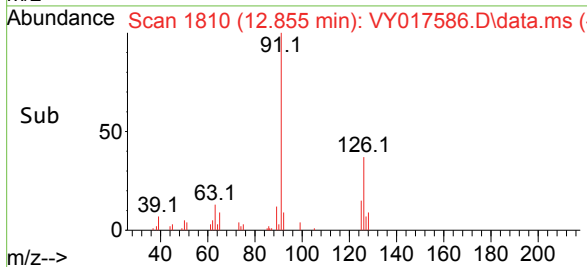
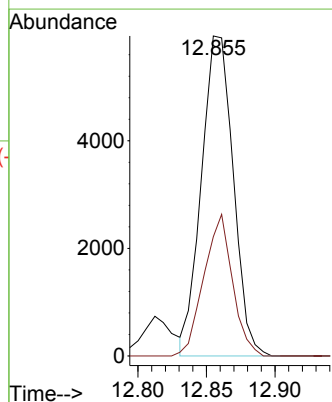
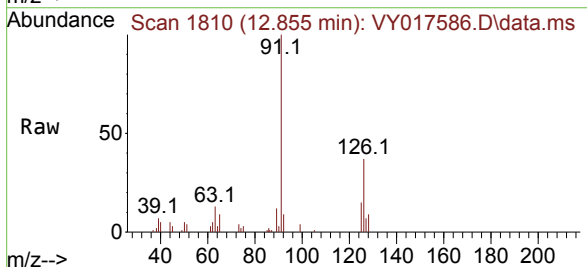
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

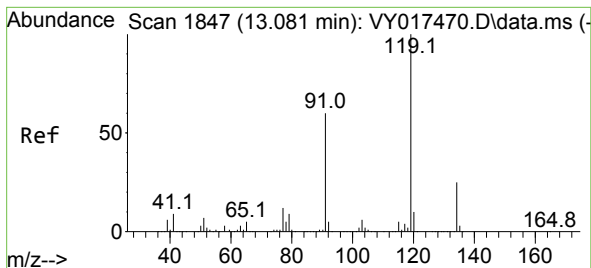
Tgt Ion: 75 Resp: 39762
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#



#82
4-Chlorotoluene
Concen: 2.361 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion: 91 Resp: 9620
Ion Ratio Lower Upper
91 100
126 39.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 2.272 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.006 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

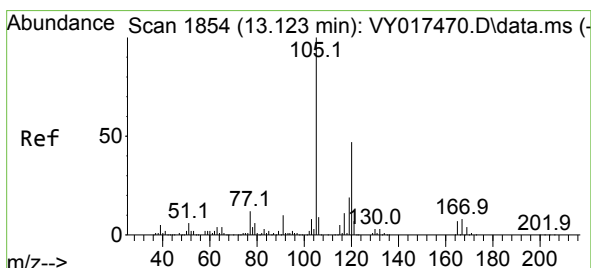
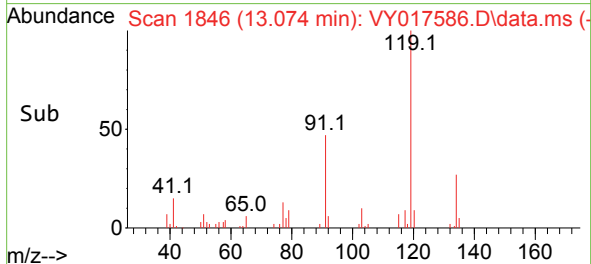
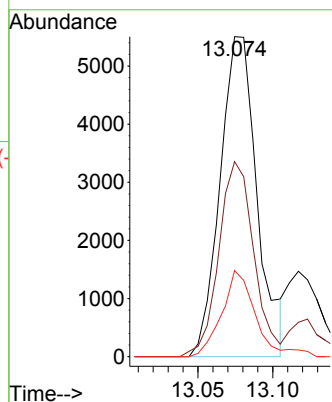
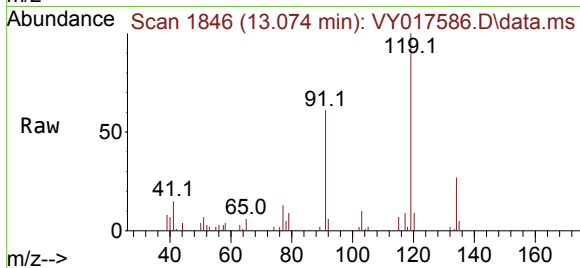
Tgt Ion:119 Resp: 9477

Ion Ratio Lower Upper

119 100

91 57.5 31.3 93.8

134 24.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 2.153 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017586.D

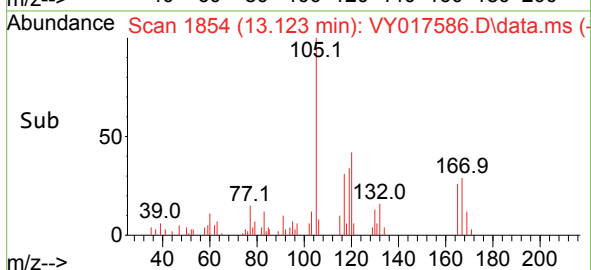
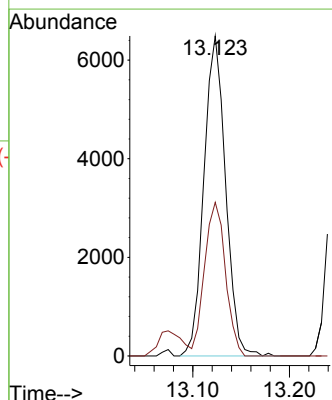
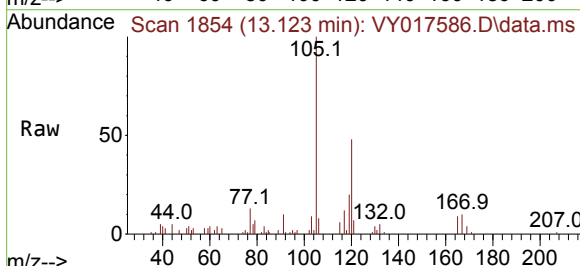
Acq: 06 Mar 2024 12:01

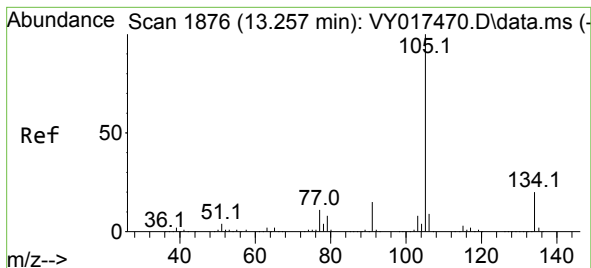
Tgt Ion:105 Resp: 10099

Ion Ratio Lower Upper

105 100

120 46.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 2.085 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

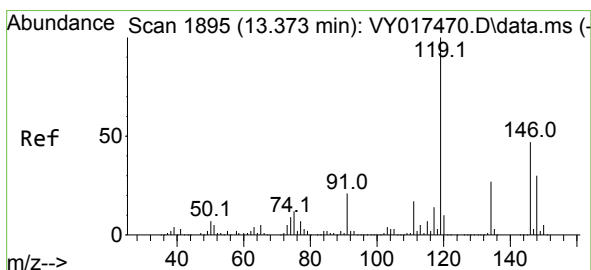
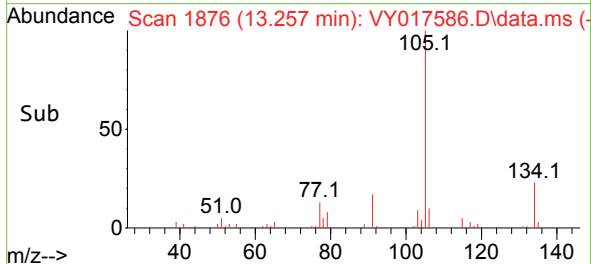
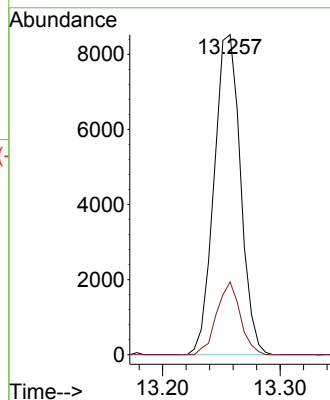
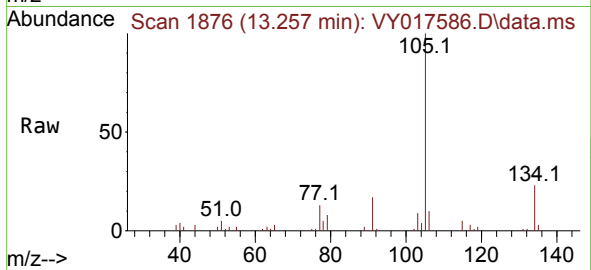
MDL02

Tgt Ion:105 Resp: 13301

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 1.960 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

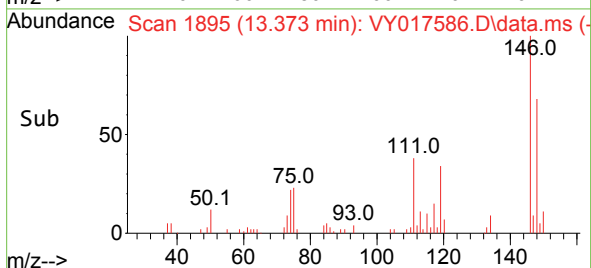
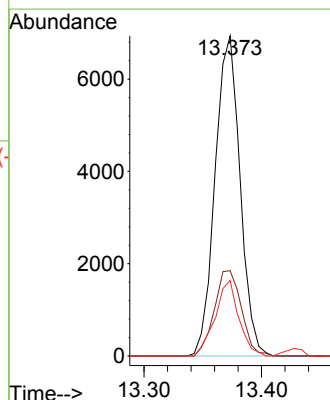
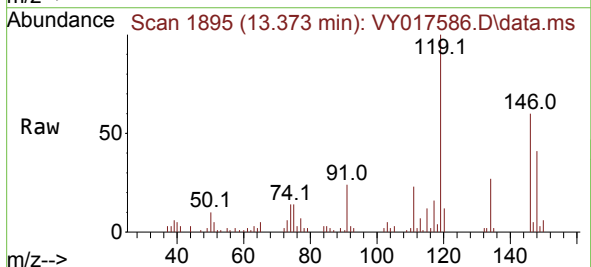
Tgt Ion:119 Resp: 10232

Ion Ratio Lower Upper

119 100

134 28.9 13.1 39.3

91 22.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 2.429 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

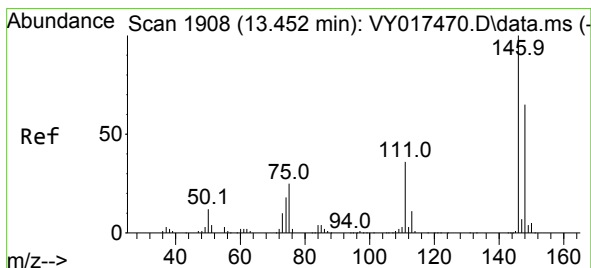
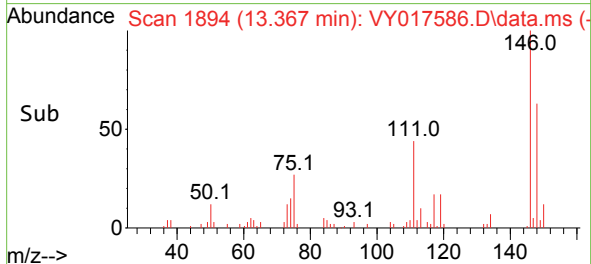
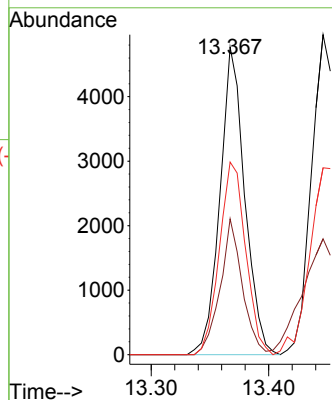
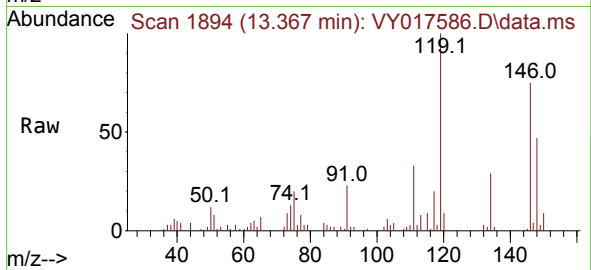
Tgt Ion:146 Resp: 7001

Ion Ratio Lower Upper

146 100

111 39.4 19.0 57.0

148 66.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 2.741 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

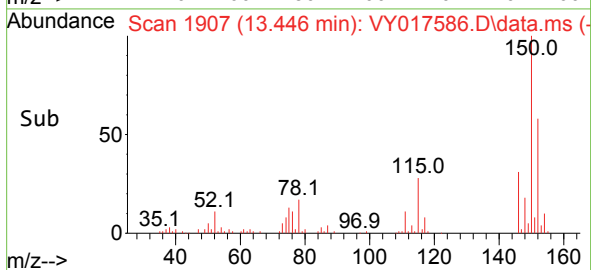
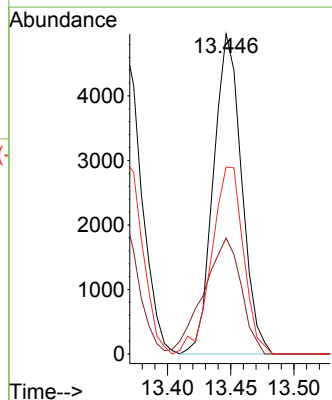
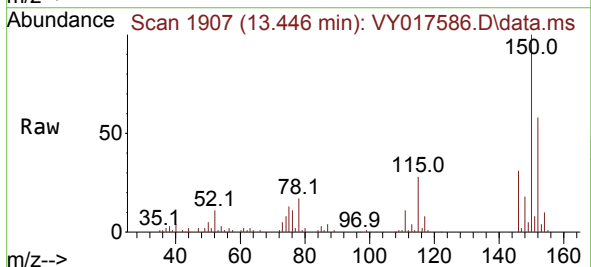
Tgt Ion:146 Resp: 7680

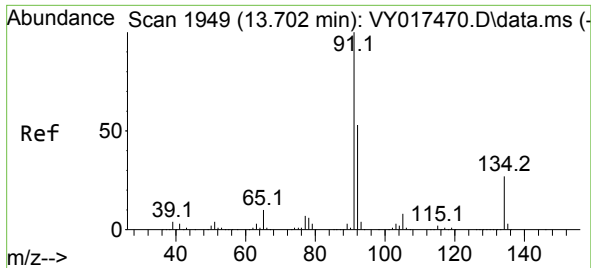
Ion Ratio Lower Upper

146 100

111 48.2 18.4 55.4

148 65.9 32.4 97.2

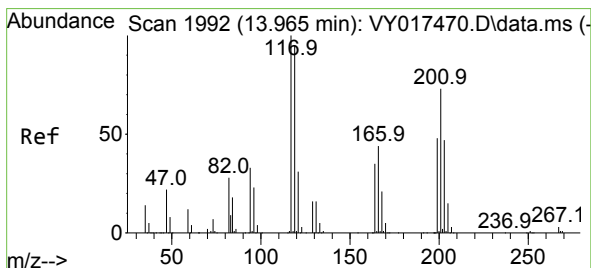
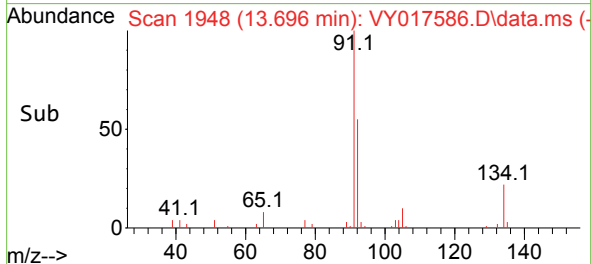
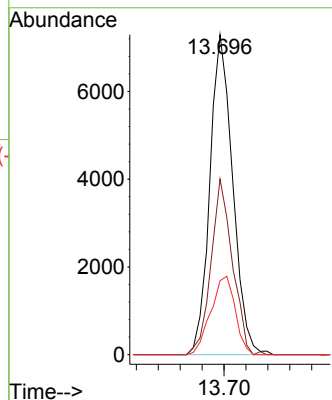
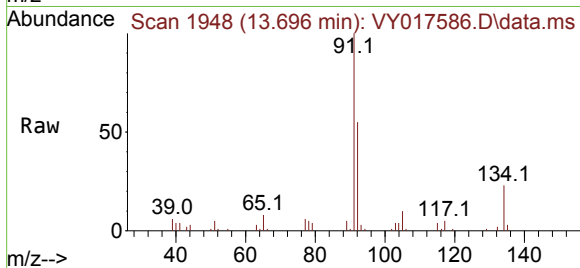




#89
n-Butylbenzene
Concen: 2.214 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

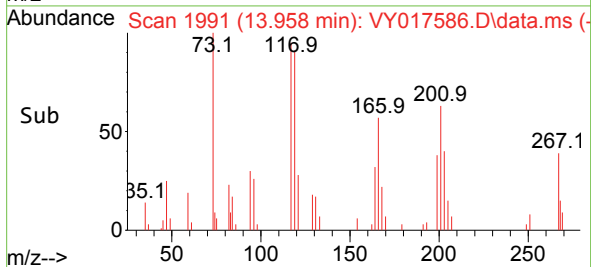
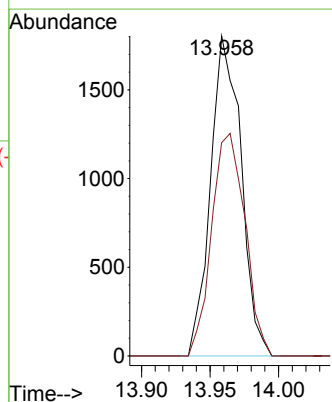
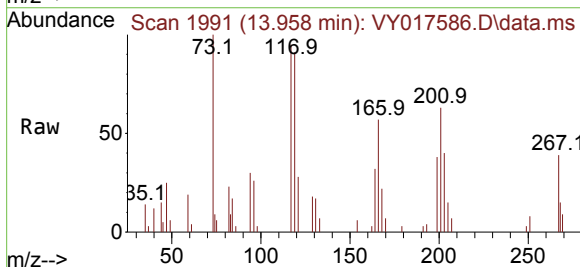
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

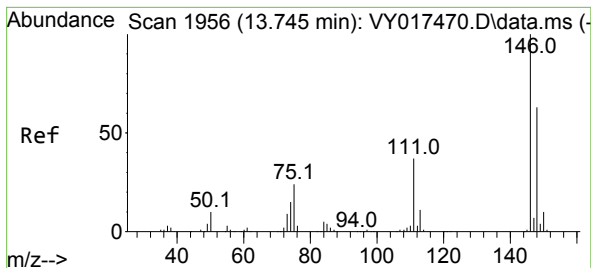
Tgt Ion:	91	Resp:	10548
Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.6	79.7
134	26.2	12.9	38.7



#90
Hexachloroethane
Concen: 2.673 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion:	117	Resp:	2798
Ion	Ratio	Lower	Upper
117	100		
201	76.1	37.4	112.2

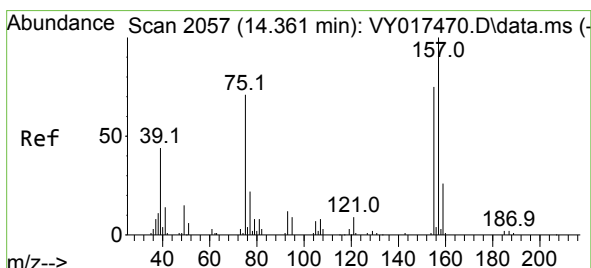
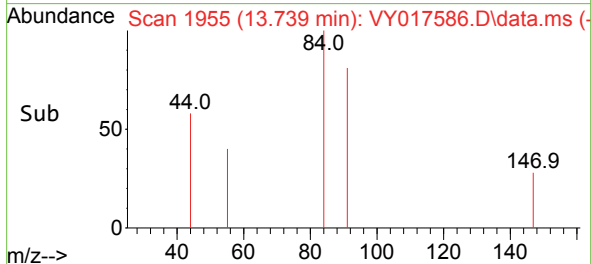
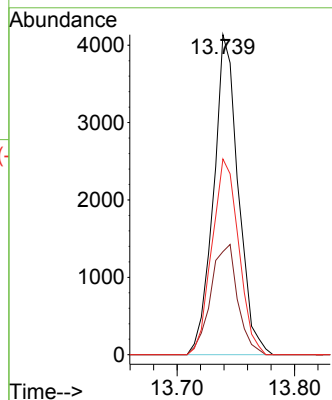
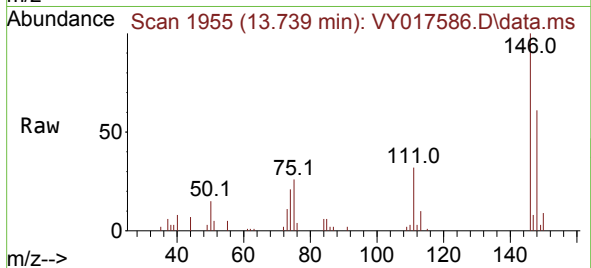




#91
1,2-Dichlorobenzene
Concen: 2.475 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

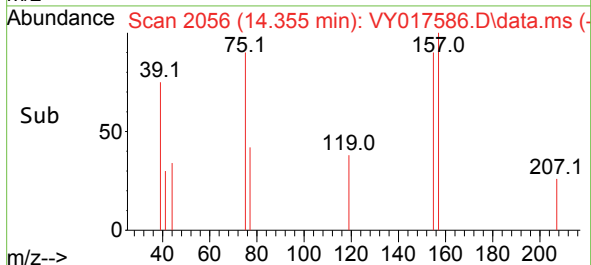
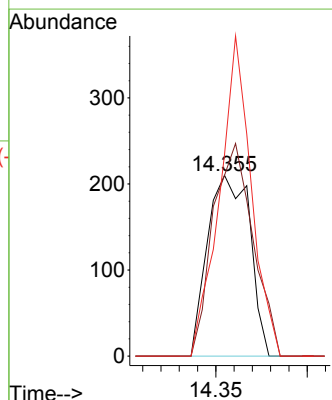
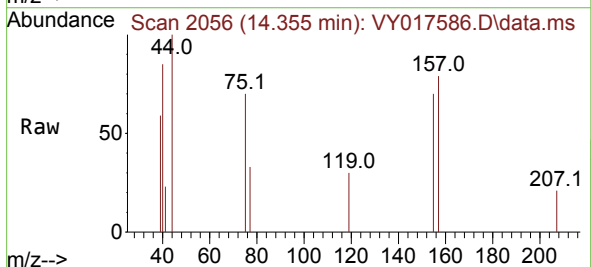
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

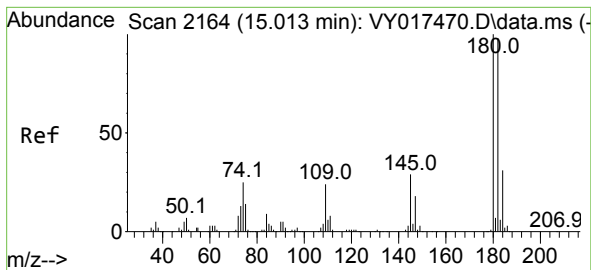
Tgt Ion:146 Resp: 6035
Ion Ratio Lower Upper
146 100
111 37.6 19.9 59.7
148 66.2 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.354 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY017586.D
Acq: 06 Mar 2024 12:01

Tgt Ion: 75 Resp: 337
Ion Ratio Lower Upper
75 100
155 111.6 48.6 145.8
157 132.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 2.350 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

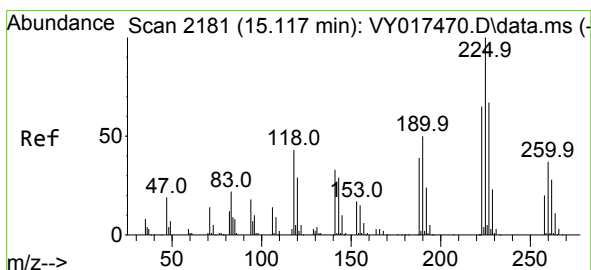
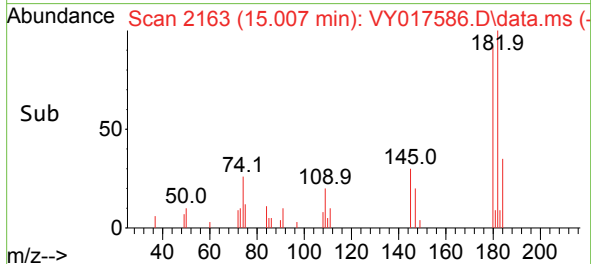
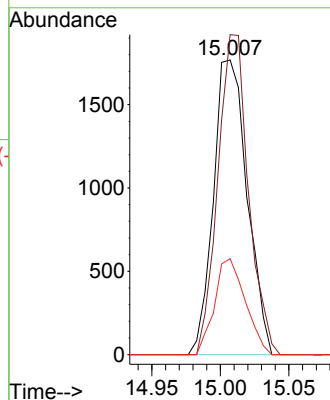
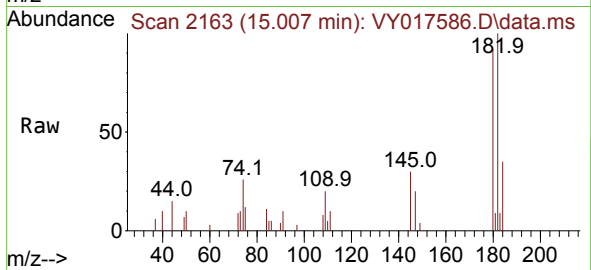
Tgt Ion:180 Resp: 3026

Ion Ratio Lower Upper

180 100

182 98.5 47.9 143.8

145 29.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 2.830 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

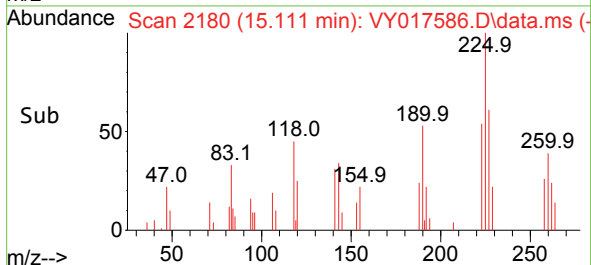
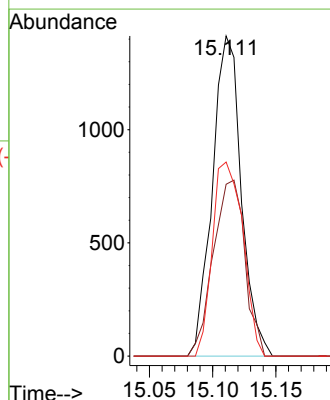
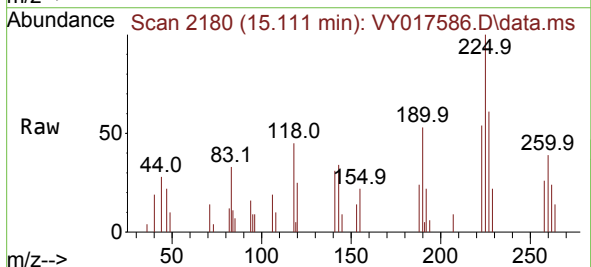
Tgt Ion:225 Resp: 2250

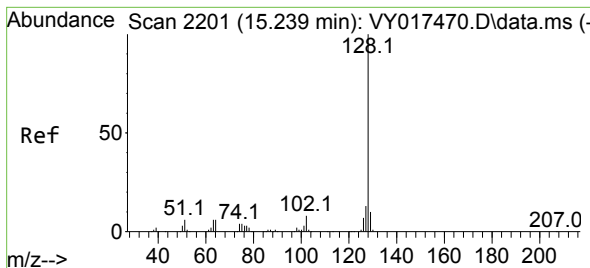
Ion Ratio Lower Upper

225 100

223 60.0 30.4 91.2

227 63.9 31.9 95.9





#95

Naphthalene

Concen: 2.018 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

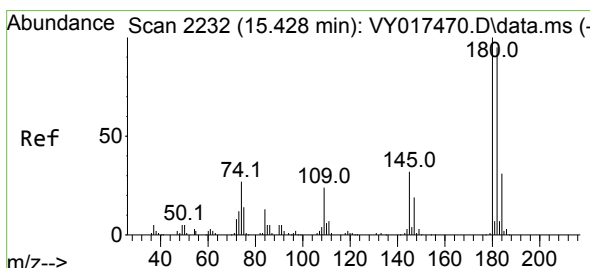
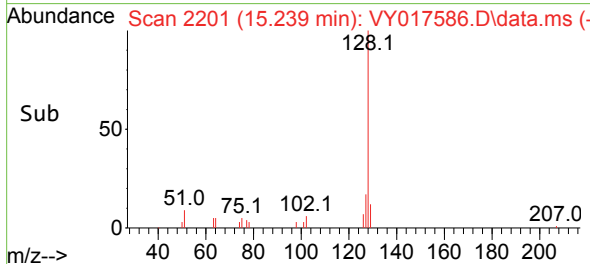
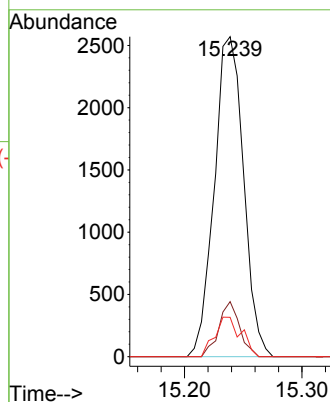
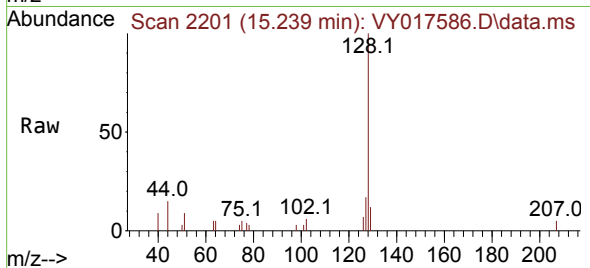
Instrument :

MSVOA_Y

ClientSampleId :

MDL02

Tgt Ion:128	Resp:	4444
Ion	Ratio	Lower Upper
128	100	
127	12.3	10.6 16.0
129	11.1	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 2.398 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY017586.D

Acq: 06 Mar 2024 12:01

Tgt Ion:180	Resp:	2649
Ion	Ratio	Lower Upper
180	100	
182	97.1	47.6 142.9
145	29.7	15.4 46.1

