

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016474.D
 Acq On : 24 Nov 2023 09:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 04:38:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	157315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	239925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	211268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	102079	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	66150	46.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.020%
35) Dibromofluoromethane	7.728	113	75582	55.456	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.920%
50) Toluene-d8	10.184	98	280351	50.724	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.440%
62) 4-Bromofluorobenzene	12.489	95	94504	52.646	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.905	85	74305	48.238	ug/l	97
3) Chloromethane	2.119	50	76806	42.575	ug/l	97
4) Vinyl Chloride	2.259	62	89954	46.371	ug/l	96
5) Bromomethane	2.655	94	59186	46.426	ug/l	97
6) Chloroethane	2.802	64	56132	45.347	ug/l	98
7) Trichlorofluoromethane	3.137	101	147693	52.331	ug/l	100
8) Diethyl Ether	3.539	74	40630	48.168	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.911	101	86006	50.596	ug/l	96
10) Methyl Iodide	4.106	142	99660	54.284	ug/l	98
11) Tert butyl alcohol	4.966	59	22097	196.259	ug/l #	79
12) 1,1-Dichloroethene	3.881	96	81316	51.151	ug/l	84
13) Acrolein	3.740	56	22861	168.338	ug/l	100
14) Allyl chloride	4.490	41	97033	43.012	ug/l #	88
15) Acrylonitrile	5.167	53	73682	220.114	ug/l	98
16) Acetone	3.954	43	58020	243.956	ug/l #	82
17) Carbon Disulfide	4.210	76	235135	49.022	ug/l	99
18) Methyl Acetate	4.484	43	53229	42.120	ug/l #	82
19) Methyl tert-butyl Ether	5.234	73	181108	47.070	ug/l	98
20) Methylene Chloride	4.728	84	86067	51.319	ug/l #	82
21) trans-1,2-Dichloroethene	5.234	96	90743	49.576	ug/l	91
22) Diisopropyl ether	6.130	45	206423	42.458	ug/l #	84
23) Vinyl Acetate	6.069	43	486501	206.516	ug/l #	88
24) 1,1-Dichloroethane	6.027	63	139420	46.484	ug/l	94
25) 2-Butanone	6.996	43	87042	208.949	ug/l #	84
26) 2,2-Dichloropropane	6.990	77	136853	50.133	ug/l	95
27) cis-1,2-Dichloroethene	6.996	96	99399	50.390	ug/l	86
28) Bromochloromethane	7.343	49	51782	46.648	ug/l #	69
29) Tetrahydrofuran	7.356	42	55192	200.451	ug/l #	79
30) Chloroform	7.514	83	155351	49.761	ug/l	99
31) Cyclohexane	7.795	56	122928	43.426	ug/l	86
32) 1,1,1-Trichloroethane	7.709	97	149439	52.219	ug/l	95
36) 1,1-Dichloropropene	7.929	75	119443	50.470	ug/l	96
37) Ethyl Acetate	7.081	43	38686	40.457	ug/l #	86
38) Carbon Tetrachloride	7.910	117	138977	56.582	ug/l	99
39) Methylcyclohexane	9.191	83	154433	52.369	ug/l	88
40) Benzene	8.167	78	340893	51.269	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	18743	38.875	ug/l #	81
42) 1,2-Dichloroethane	8.246	62	86053	49.950	ug/l	92
43) Isopropyl Acetate	8.282	43	77072	41.697	ug/l #	83
44) Trichloroethene	8.947	130	103327	54.072	ug/l	93
45) 1,2-Dichloropropane	9.221	63	77877	48.770	ug/l	97
46) Dibromomethane	9.313	93	44415	51.328	ug/l	98
47) Bromodichloromethane	9.502	83	116069	52.174	ug/l	95
48) Methyl methacrylate	9.300	41	43954	43.028	ug/l #	77
49) 1,4-Dioxane	9.300	88	8992	978.809	ug/l #	55
51) 4-Methyl-2-Pentanone	10.075	43	198897	212.799	ug/l #	86
52) Toluene	10.252	92	222485	52.934	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	110632	51.299	ug/l	100
54) cis-1,3-Dichloropropene	9.934	75	133049	51.652	ug/l #	83
55) 1,1,2-Trichloroethane	10.648	97	64068	53.718	ug/l	94
56) Ethyl methacrylate	10.514	69	55581	49.368	ug/l #	78
57) 1,3-Dichloropropane	10.794	76	103913	51.113	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	188272	246.621	ug/l #	88
59) 2-Hexanone	10.837	43	142982	205.661	ug/l	82
60) Dibromochloromethane	10.989	129	84078	56.367	ug/l	99
61) 1,2-Dibromoethane	11.093	107	60396	53.153	ug/l	99
64) Tetrachloroethene	10.727	164	107094	56.455	ug/l	98
65) Chlorobenzene	11.520	112	240723	53.331	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	92193	55.377	ug/l	99
67) Ethyl Benzene	11.599	91	427702	52.724	ug/l	98
68) m/p-Xylenes	11.709	106	330417	107.389	ug/l	93
69) o-Xylene	12.032	106	155849	54.556	ug/l	94
70) Styrene	12.050	104	225780	55.196	ug/l	97
71) Bromoform	12.215	173	49024	56.750	ug/l #	98
73) Isopropylbenzene	12.336	105	424490	51.353	ug/l	99
74) N-amyl acetate	12.148	43	66271	39.913	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.586	83	61780	46.577	ug/l	97
76) 1,2,3-Trichloropropane	12.635	75	83071	84.833	ug/l #	100
77) Bromobenzene	12.617	156	97722	52.307	ug/l	89
78) n-propylbenzene	12.678	91	486647	49.816	ug/l	97
79) 2-Chlorotoluene	12.763	91	269433	50.047	ug/l	97
80) 1,3,5-Trimethylbenzene	12.818	105	348551	52.299	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.385	75	21781	48.280	ug/l	88
82) 4-Chlorotoluene	12.861	91	280870	50.490	ug/l	98
83) tert-Butylbenzene	13.080	119	306641	52.237	ug/l	96
84) 1,2,4-Trimethylbenzene	13.129	105	342341	52.168	ug/l	98
85) sec-Butylbenzene	13.257	105	430470	51.329	ug/l	98
86) p-Isopropyltoluene	13.373	119	383041	53.043	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	188268	52.380	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	186195	53.007	ug/l	99
89) n-Butylbenzene	13.702	91	343807	51.553	ug/l	96
90) Hexachloroethane	13.970	117	73200	52.548	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	162484	52.755	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10004	47.405	ug/l	85
93) 1,2,4-Trichlorobenzene	15.013	180	103470	57.554	ug/l	99
94) Hexachlorobutadiene	15.116	225	62093	60.287	ug/l	98
95) Naphthalene	15.245	128	179142	55.715	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	85858	57.740	ug/l	99

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QLast Update : Thu Nov 09 00:45:52 2023
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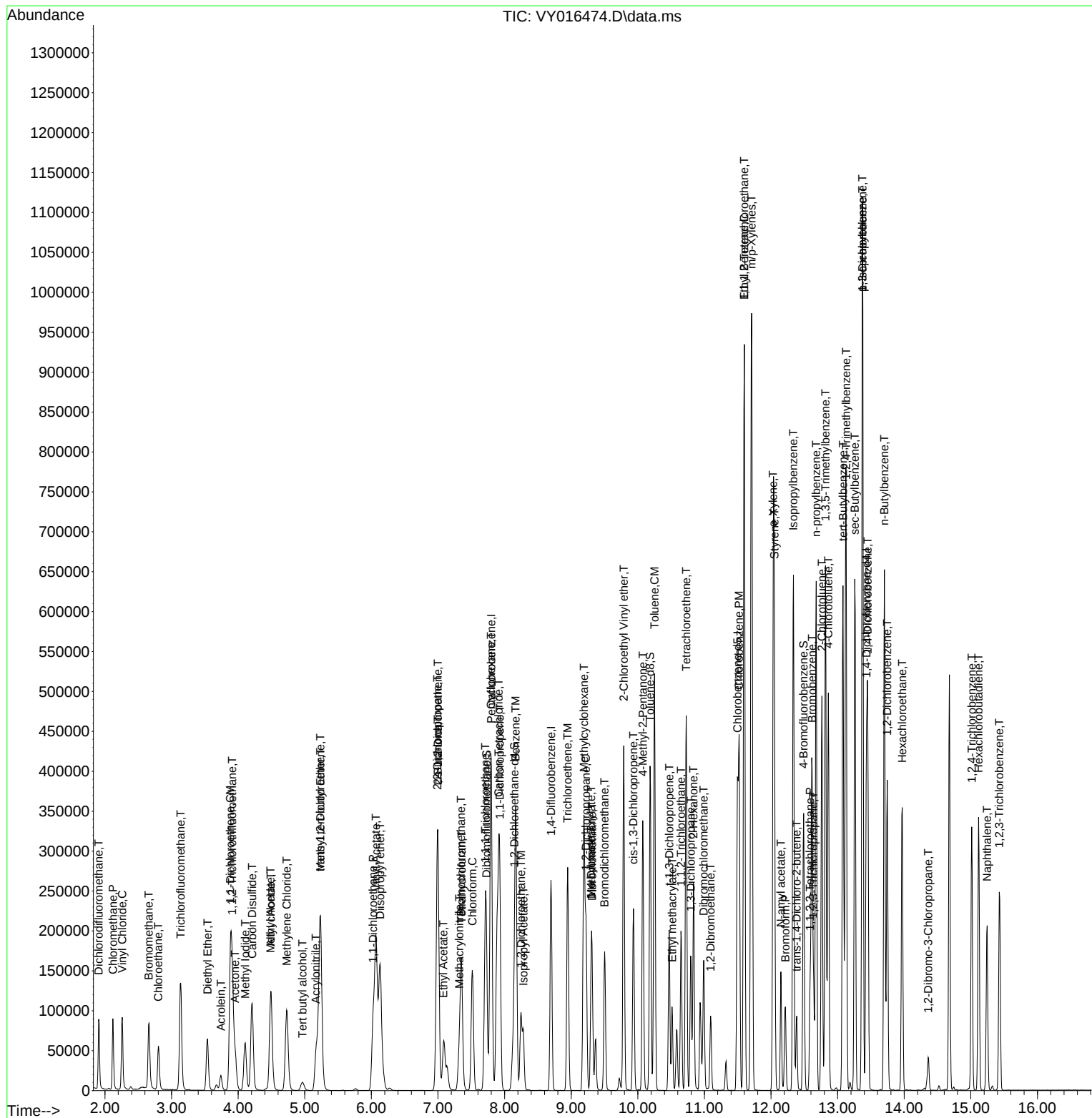
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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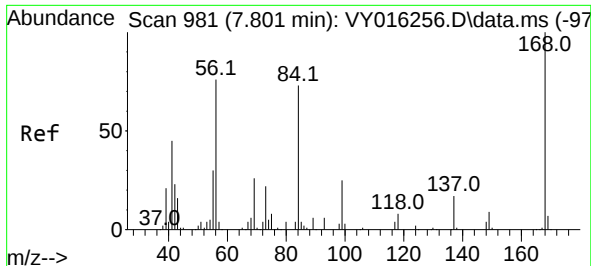
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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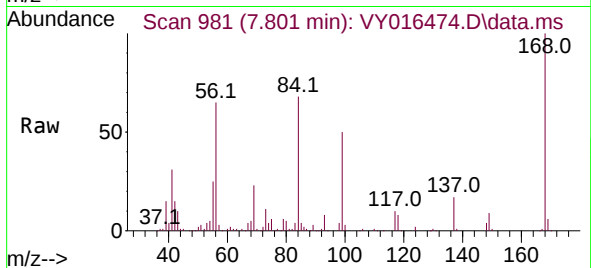
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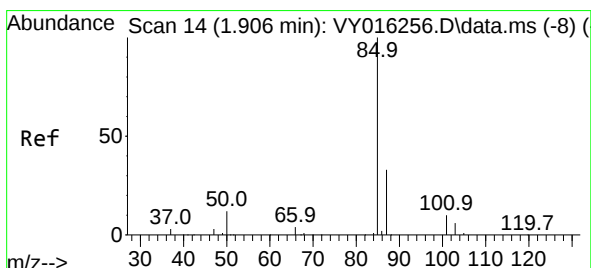
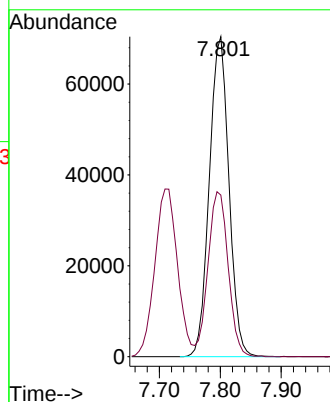
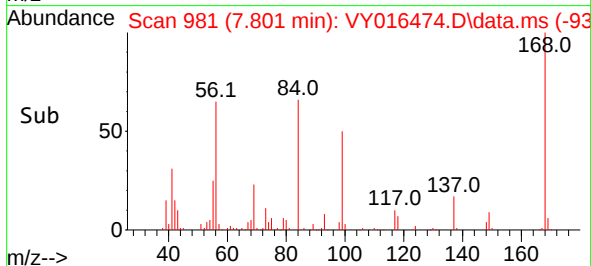


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
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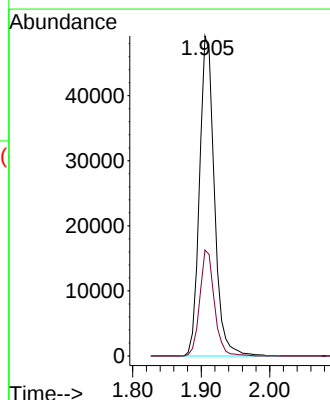
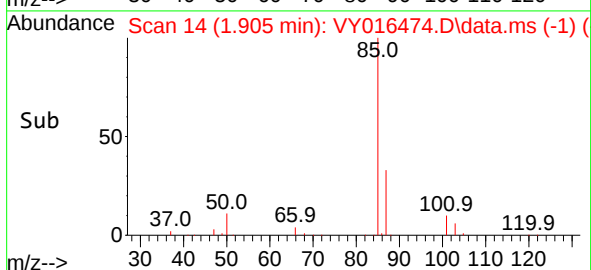
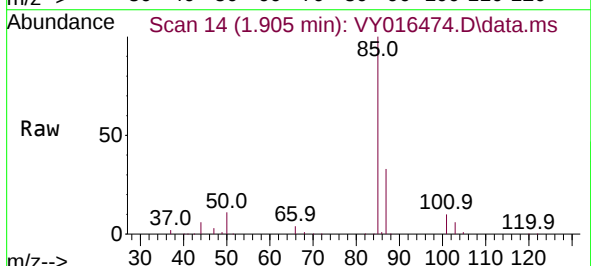


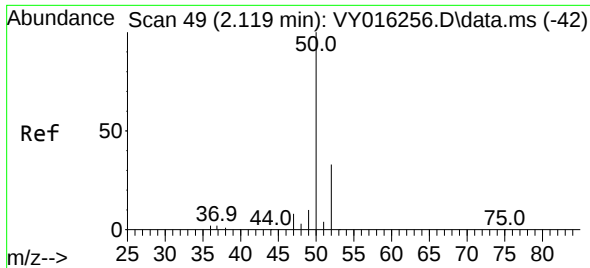
Tgt Ion:168 Resp: 157315
Ion Ratio Lower Upper
168 100
99 50.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 48.238 ug/l
RT: 1.905 min Scan# 14
Delta R.T. -0.001 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Tgt Ion: 85 Resp: 74305
Ion Ratio Lower Upper
85 100
87 33.1 15.6 46.8

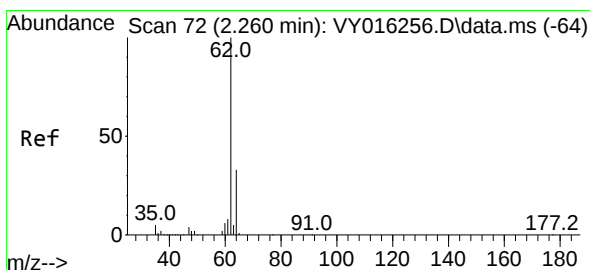
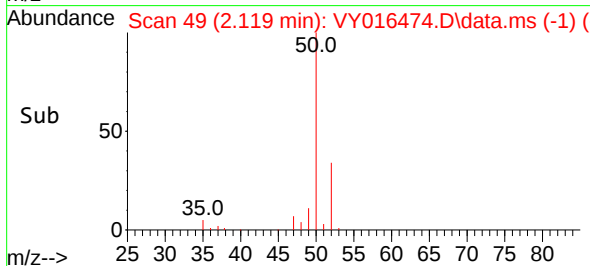
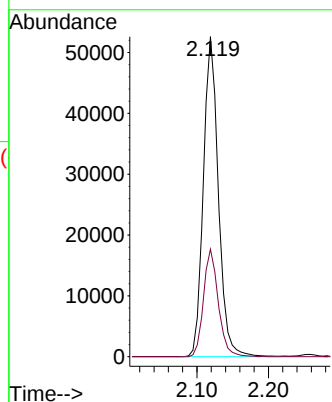
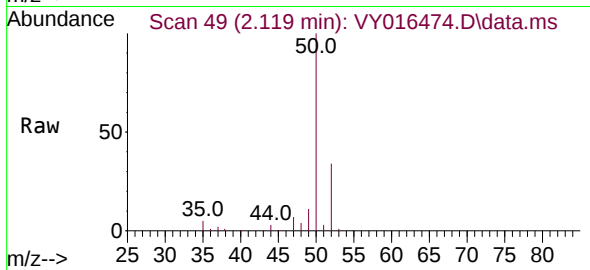




#3
 Chloromethane
 Concen: 42.575 ug/l
 RT: 2.119 min Scan# 49
 Delta R.T. -0.001 min
 Lab File: VY016474.D
 Acq: 24 Nov 2023 09:42

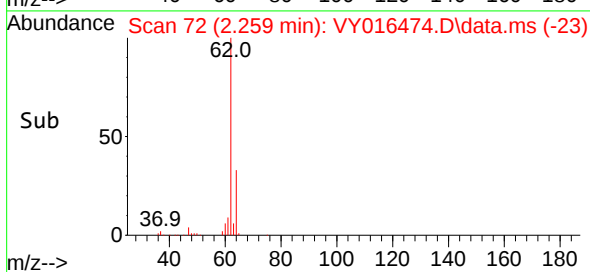
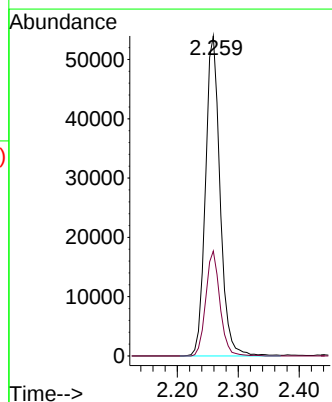
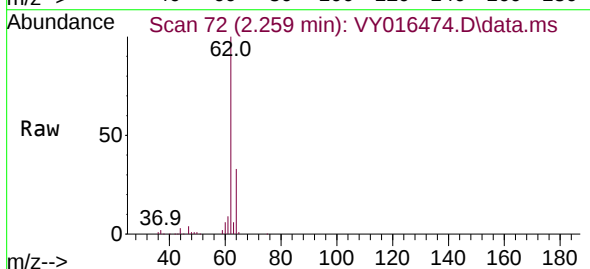
Instrument :
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 ClientSampleId :

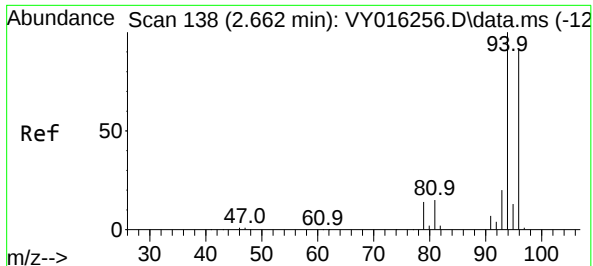
Tgt Ion: 50 Resp: 76806
 Ion Ratio Lower Upper
 50 100
 52 33.6 25.4 38.2



#4
 Vinyl Chloride
 Concen: 46.371 ug/l
 RT: 2.259 min Scan# 72
 Delta R.T. -0.001 min
 Lab File: VY016474.D
 Acq: 24 Nov 2023 09:42

Tgt Ion: 62 Resp: 89954
 Ion Ratio Lower Upper
 62 100
 64 32.8 24.3 36.5

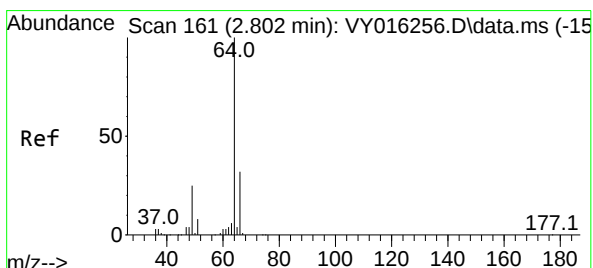
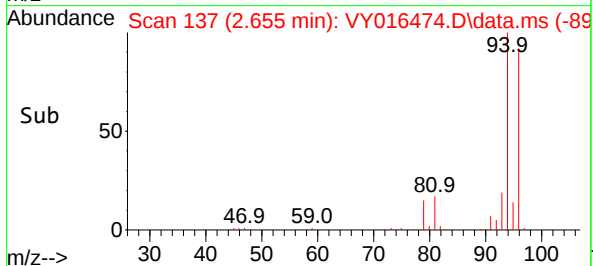
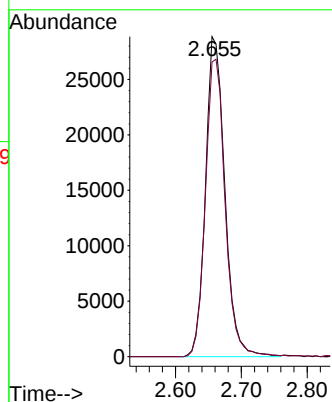
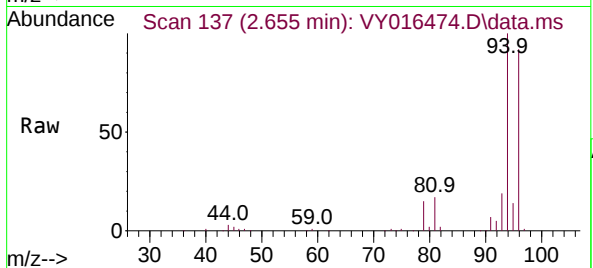




#5
Bromomethane
Concen: 46.426 ug/l
RT: 2.655 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY016474.D
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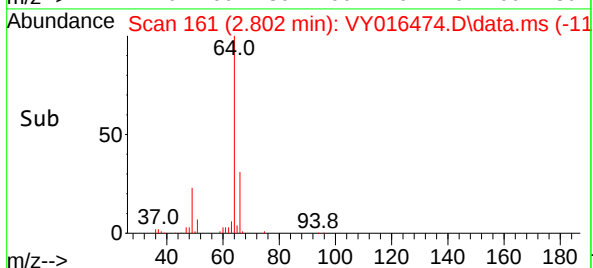
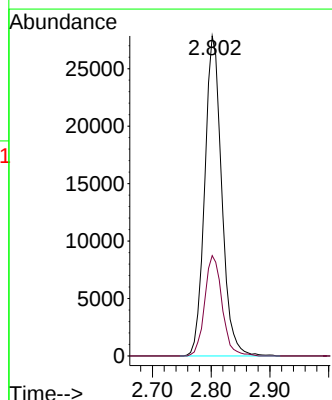
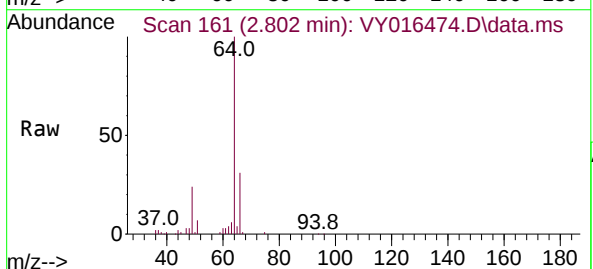
Instrument :
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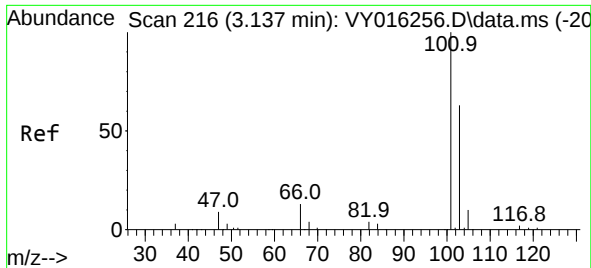
Tgt Ion: 94 Resp: 59186
Ion Ratio Lower Upper
94 100
96 92.1 75.8 113.6



#6
Chloroethane
Concen: 45.347 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.001 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Tgt Ion: 64 Resp: 56132
Ion Ratio Lower Upper
64 100
66 31.3 24.4 36.6

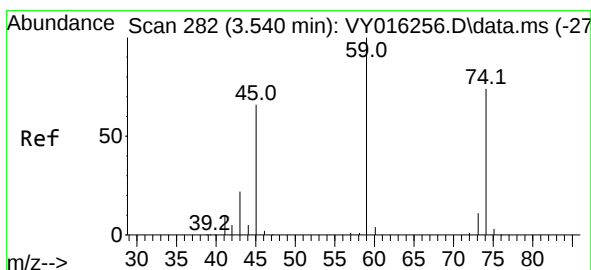
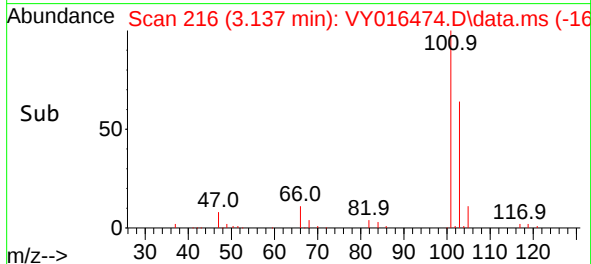
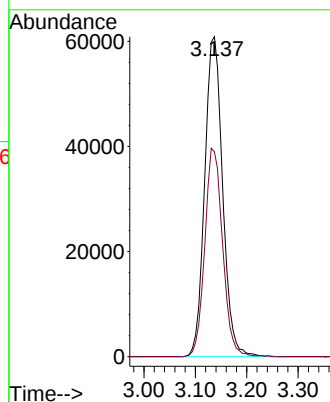
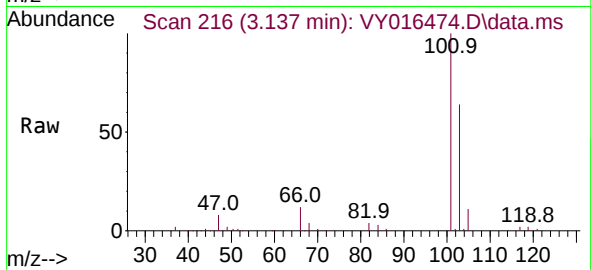




#7
 Trichlorofluoromethane
 Concen: 52.331 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. -0.001 min
 Lab File: VY016474.D
 Acq: 24 Nov 2023 09:42

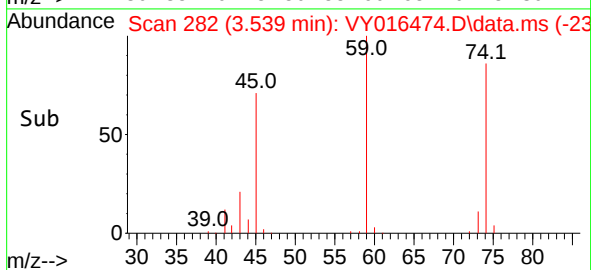
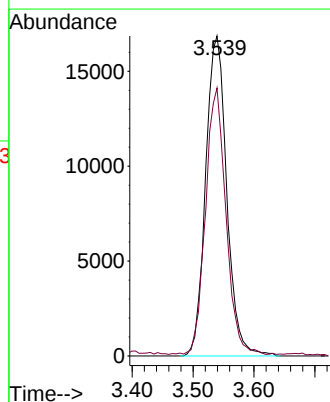
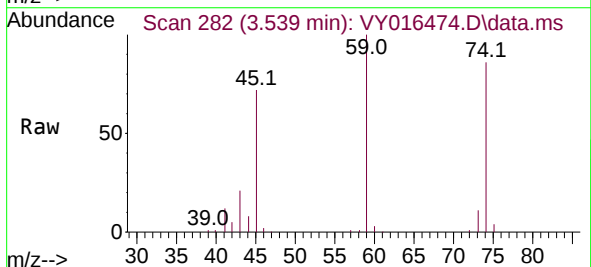
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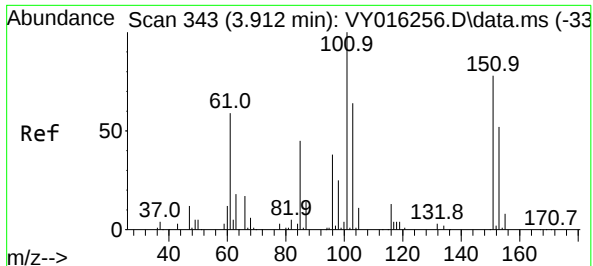
Tgt Ion:101 Resp: 147693
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 48.168 ug/l
 RT: 3.539 min Scan# 282
 Delta R.T. -0.001 min
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Tgt Ion: 74 Resp: 40630
 Ion Ratio Lower Upper
 74 100
 45 80.5 51.5 154.5

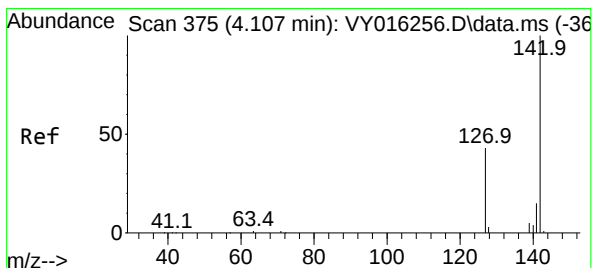
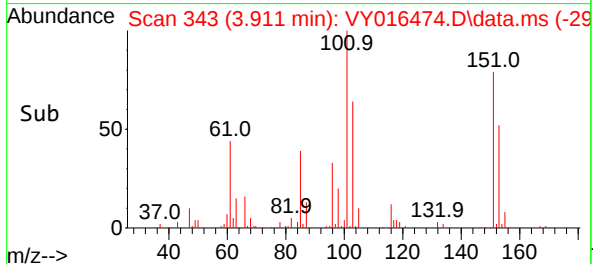
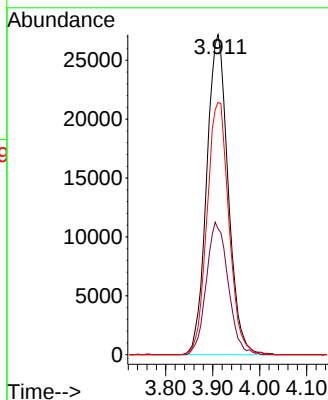
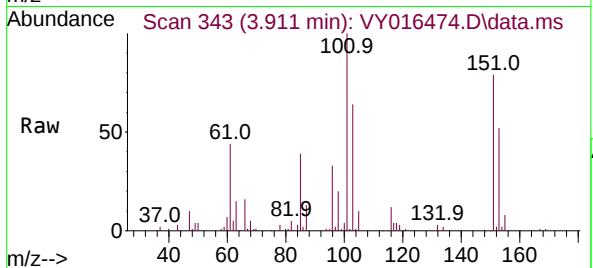




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.596 ug/l
RT: 3.911 min Scan# 343
Delta R.T. -0.001 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

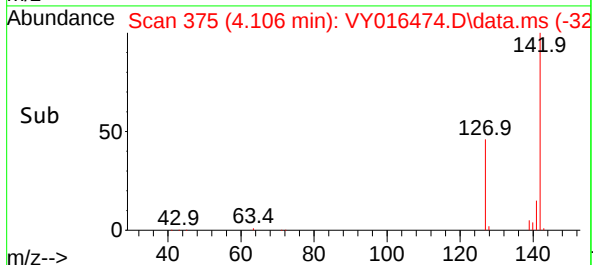
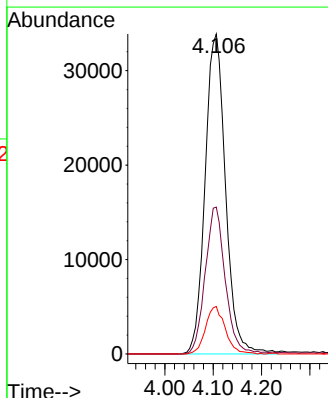
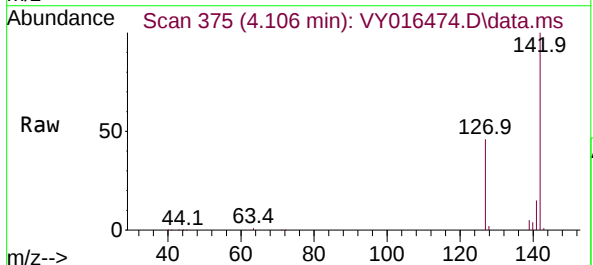
Instrument :
MSVOA_Y
ClientSampleId :

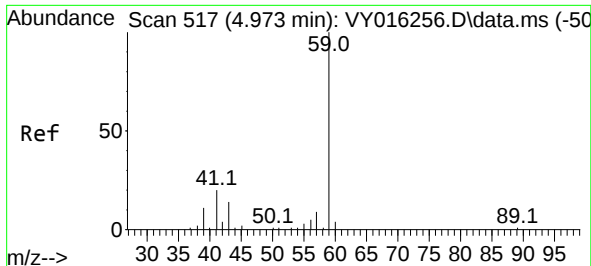
Tgt Ion:101 Resp: 86006
Ion Ratio Lower Upper
101 100
85 42.1 36.6 55.0
151 80.6 67.0 100.6



#10
Methyl Iodide
Concen: 54.284 ug/l
RT: 4.106 min Scan# 375
Delta R.T. -0.001 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Tgt Ion:142 Resp: 99660
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 196.259 ug/l

RT: 4.966 min Scan# 517

Delta R.T. -0.007 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

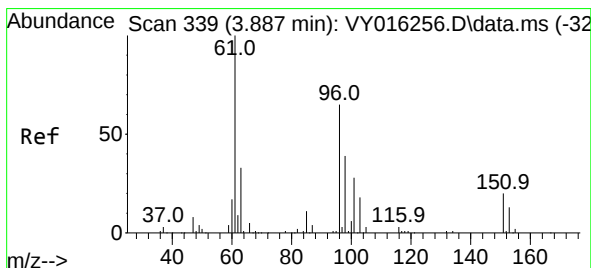
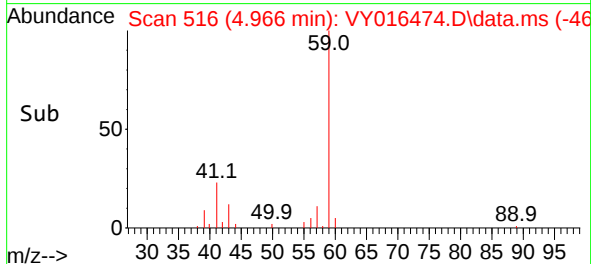
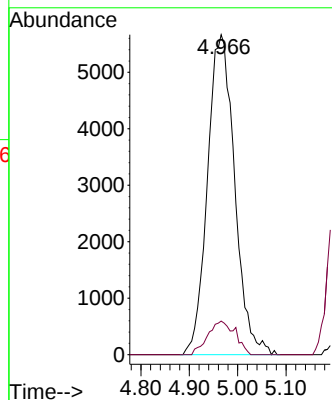
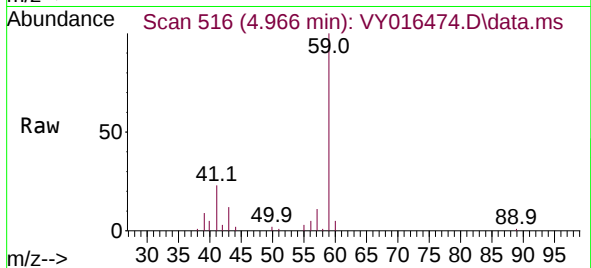
ClientSampleId :

Tgt Ion: 59 Resp: 22097

Ion Ratio Lower Upper

59 100

57 10.6 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 51.151 ug/l

RT: 3.881 min Scan# 338

Delta R.T. -0.007 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

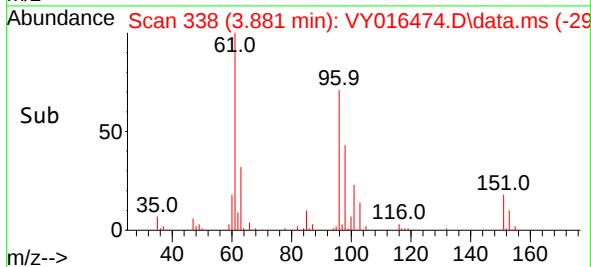
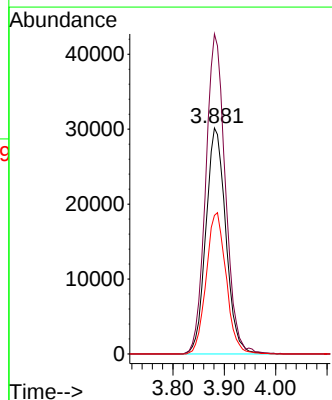
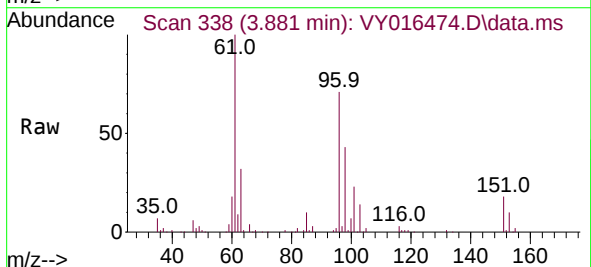
Tgt Ion: 96 Resp: 81316

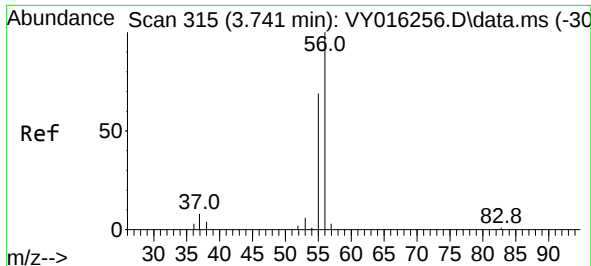
Ion Ratio Lower Upper

96 100

61 141.7 136.4 204.6

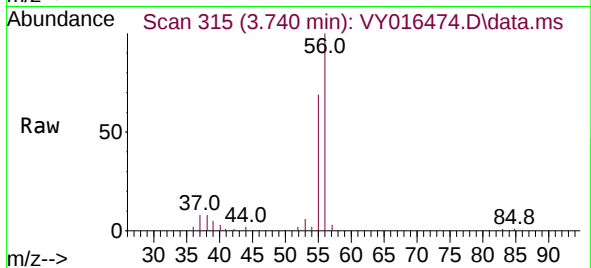
98 61.3 49.4 74.2



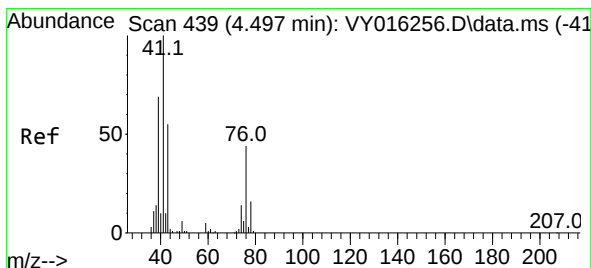
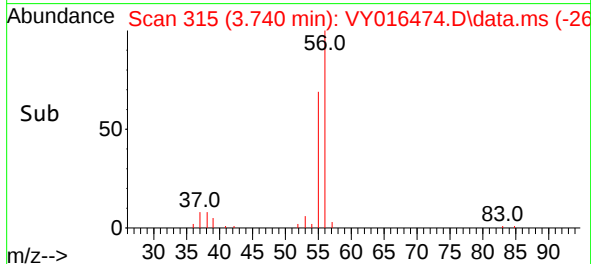
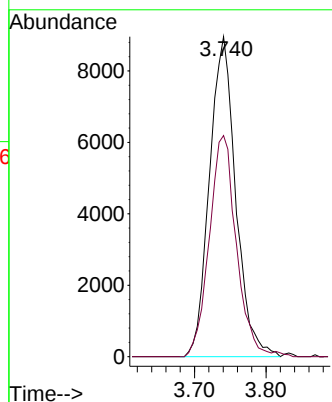


#13
Acrolein
Concen: 168.338 ug/l
RT: 3.740 min Scan# 315
Delta R.T. -0.001 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Instrument :
MSVOA_Y
ClientSampleId :

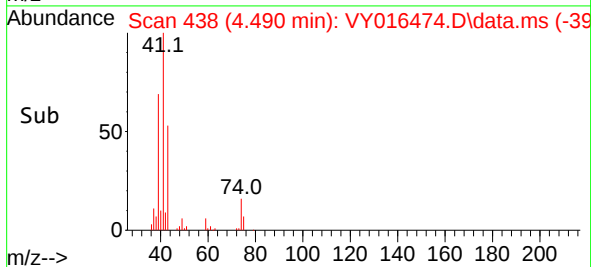
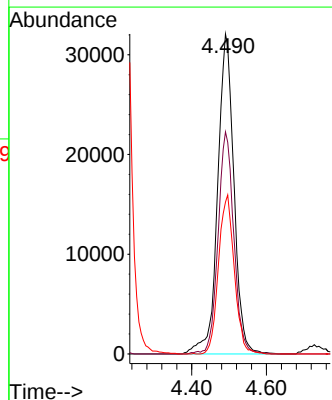
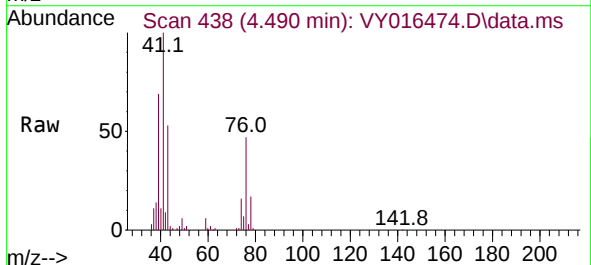


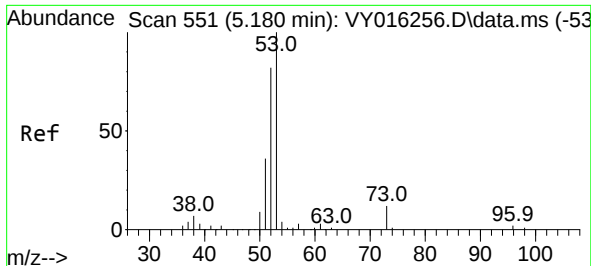
Tgt Ion: 56 Resp: 22861
Ion Ratio Lower Upper
56 100
55 71.3 57.0 85.4



#14
Allyl chloride
Concen: 43.012 ug/l
RT: 4.490 min Scan# 438
Delta R.T. -0.007 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

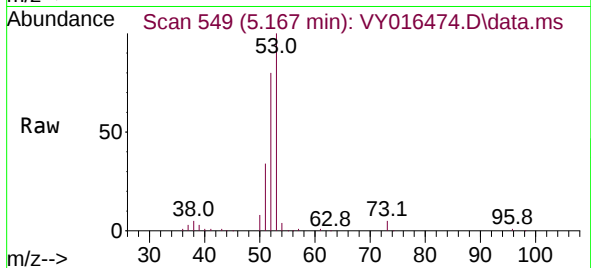
Tgt Ion: 41 Resp: 97033
Ion Ratio Lower Upper
41 100
39 67.3 58.0 87.0
76 48.2 27.4 41.2#



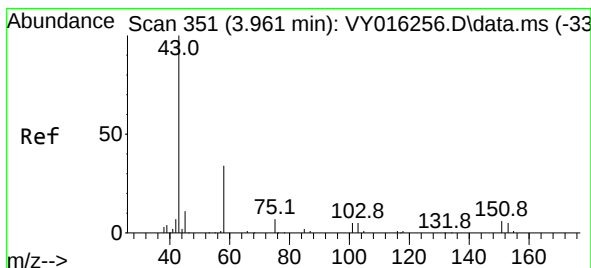
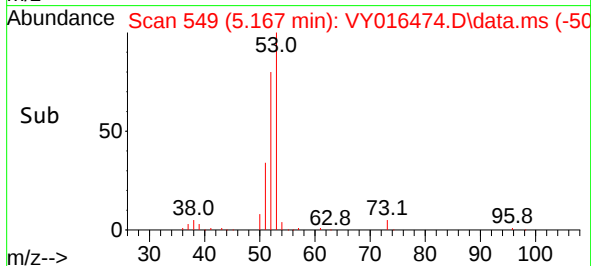
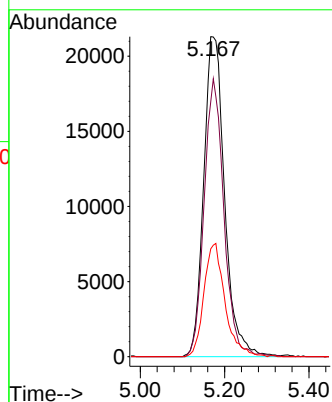


#15
Acrylonitrile
Concen: 220.114 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.013 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Instrument :
MSVOA_Y
ClientSampleId :

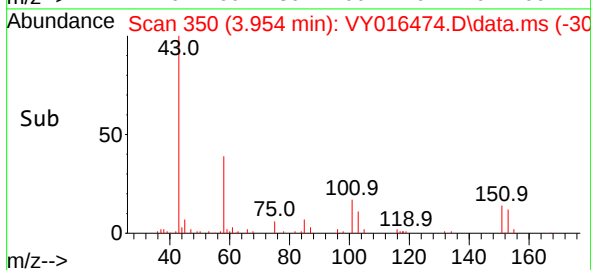
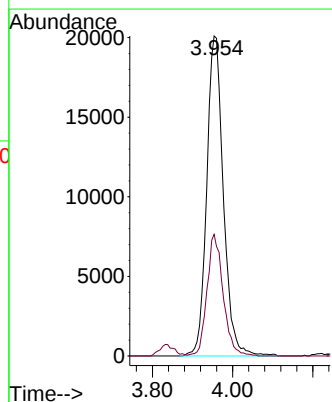
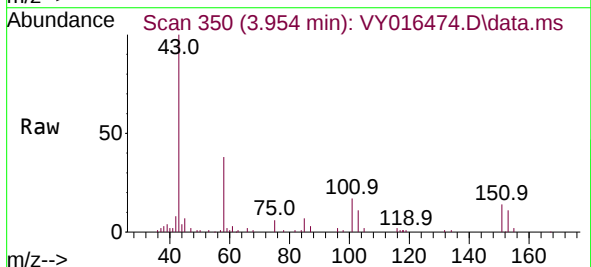


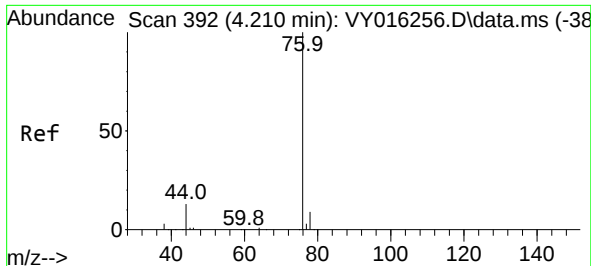
Tgt Ion: 53 Resp: 73682
Ion Ratio Lower Upper
53 100
52 81.5 66.9 100.3
51 35.6 29.8 44.6



#16
Acetone
Concen: 243.956 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.007 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Tgt Ion: 43 Resp: 58020
Ion Ratio Lower Upper
43 100
58 38.0 22.7 34.1#





#17

Carbon Disulfide

Concen: 49.022 ug/l

RT: 4.210 min Scan# 392

Delta R.T. -0.001 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

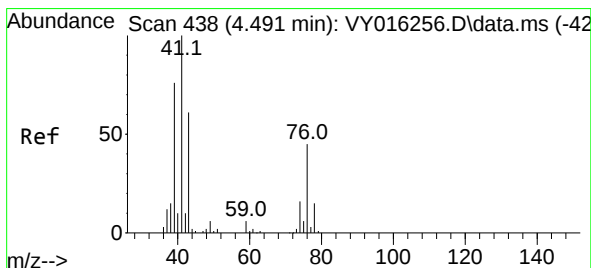
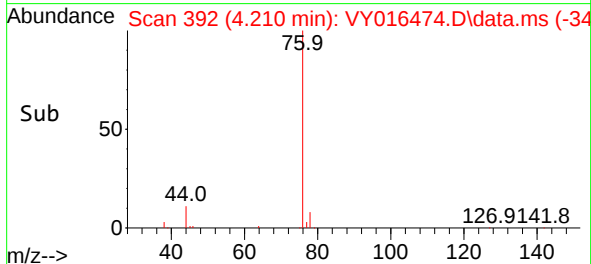
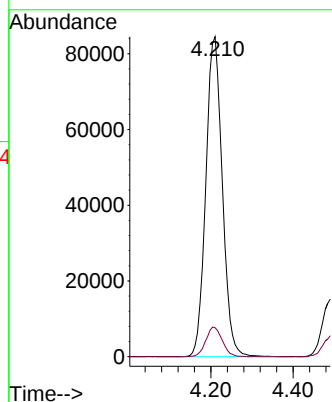
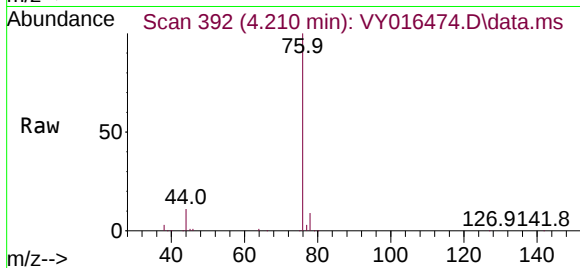
ClientSampleId :

Tgt Ion: 76 Resp: 235135

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4



#18

Methyl Acetate

Concen: 42.120 ug/l

RT: 4.484 min Scan# 437

Delta R.T. -0.007 min

Lab File: VY016474.D

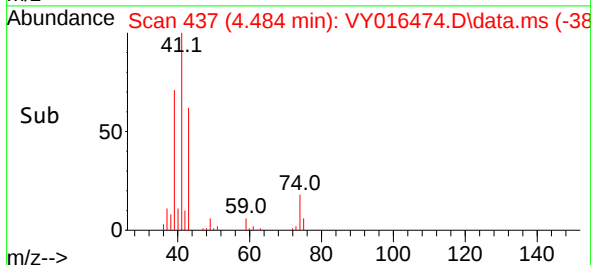
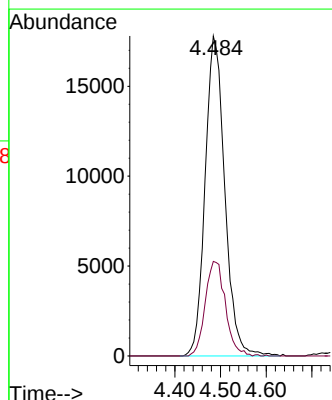
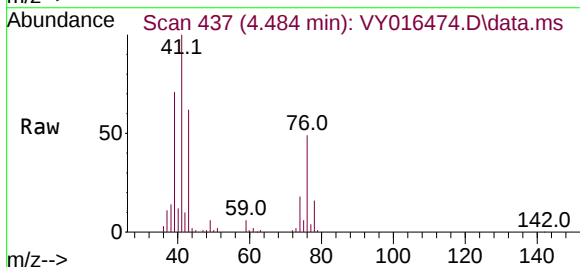
Acq: 24 Nov 2023 09:42

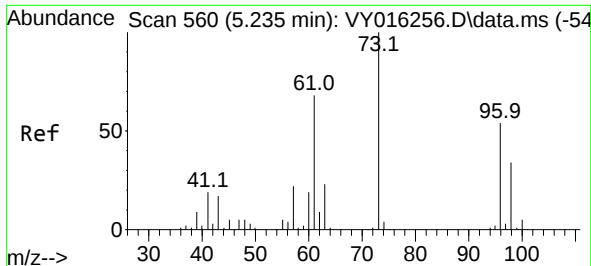
Tgt Ion: 43 Resp: 53229

Ion Ratio Lower Upper

43 100

74 30.2 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 47.070 ug/l

RT: 5.234 min Scan# 5

Delta R.T. -0.001 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

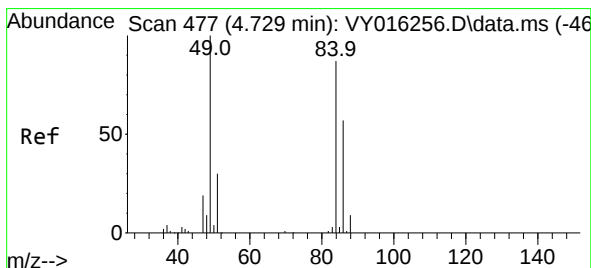
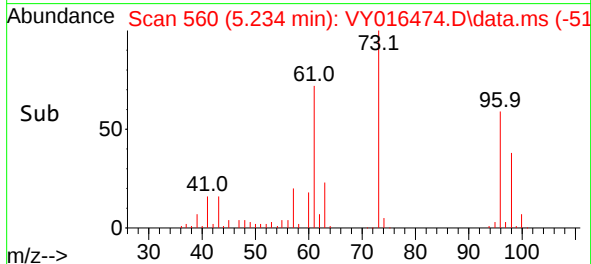
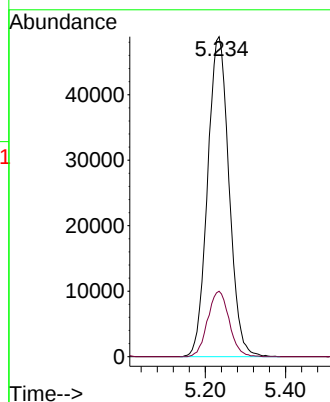
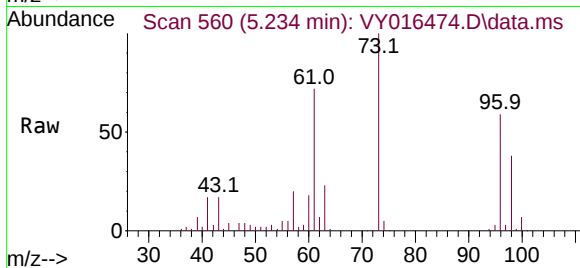
ClientSampleId :

Tgt Ion: 73 Resp: 181108

Ion Ratio Lower Upper

73 100

57 20.4 17.3 25.9



#20

Methylene Chloride

Concen: 51.319 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.001 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Tgt Ion: 84 Resp: 86067

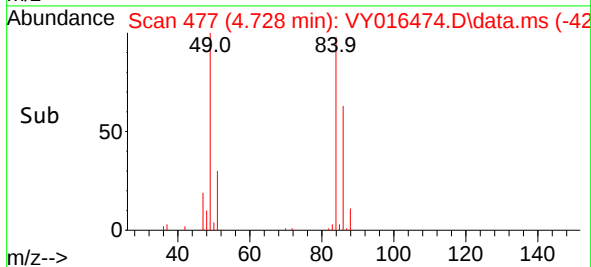
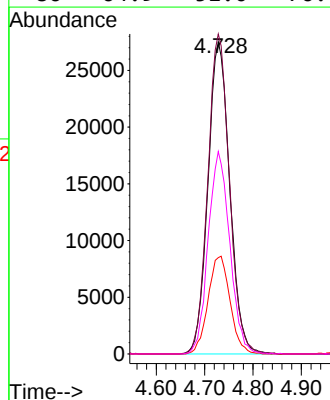
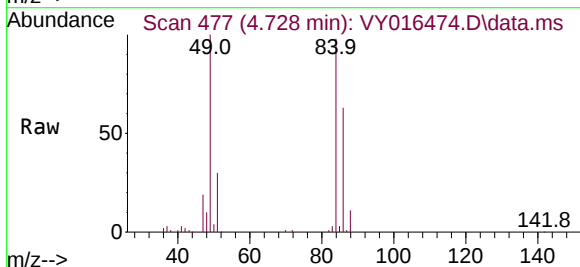
Ion Ratio Lower Upper

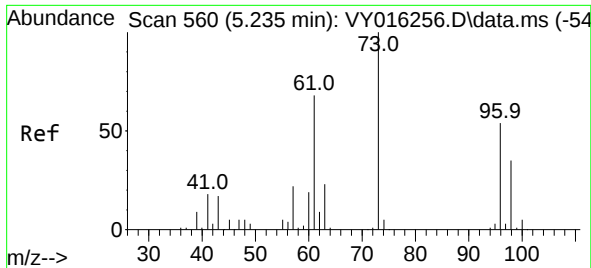
84 100

49 102.5 106.9 160.3#

51 30.9 33.2 49.8#

86 64.9 51.0 76.6

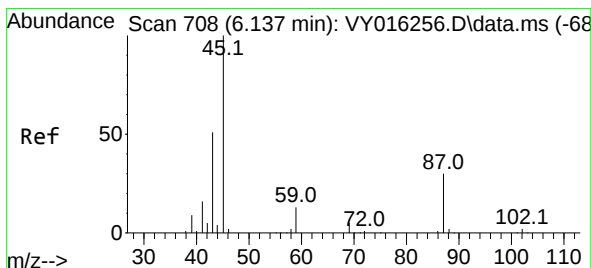
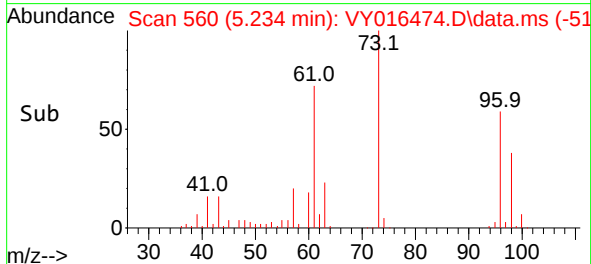
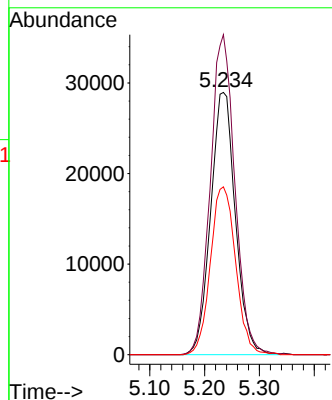
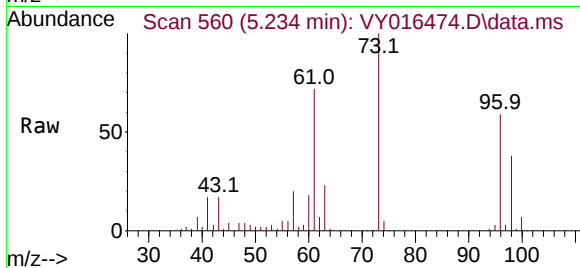




#21
trans-1,2-Dichloroethene
Concen: 49.576 ug/l
RT: 5.234 min Scan# 50
Delta R.T. -0.001 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

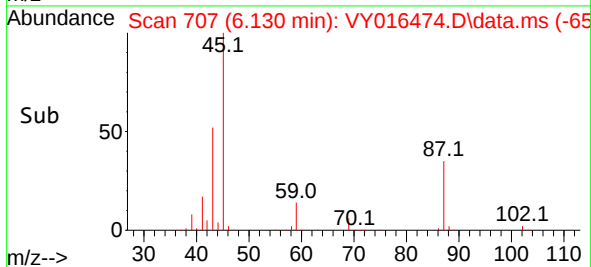
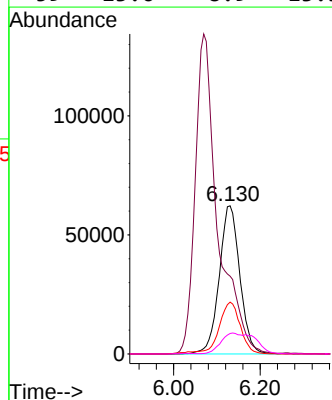
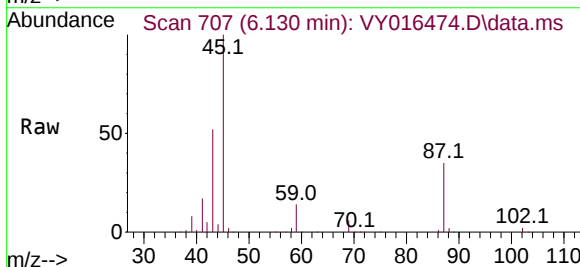
Instrument :
MSVOA_Y
ClientSampleId :

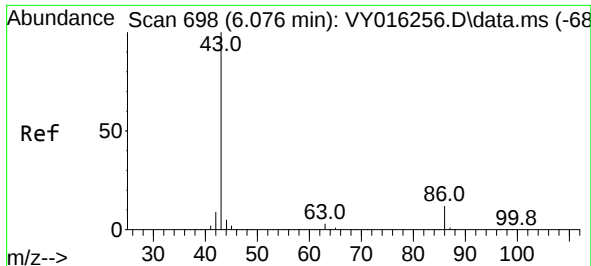
Tgt Ion: 96 Resp: 90743
Ion Ratio Lower Upper
96 100
61 122.0 110.2 165.4
98 64.0 51.8 77.6



#22
Diisopropyl ether
Concen: 42.458 ug/l
RT: 6.130 min Scan# 707
Delta R.T. -0.007 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Tgt Ion: 45 Resp: 206423
Ion Ratio Lower Upper
45 100
43 51.9 52.2 78.4#
87 34.9 21.0 31.6#
59 13.6 8.9 13.3#

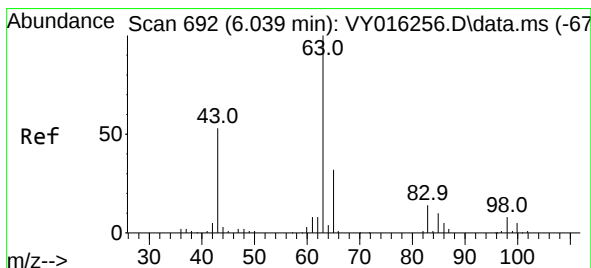
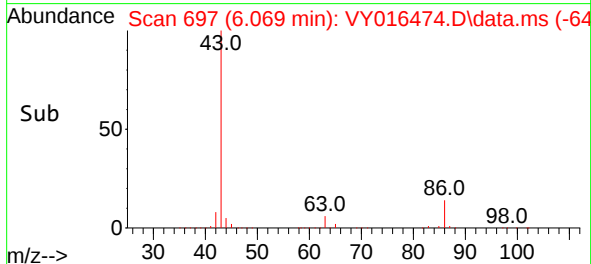
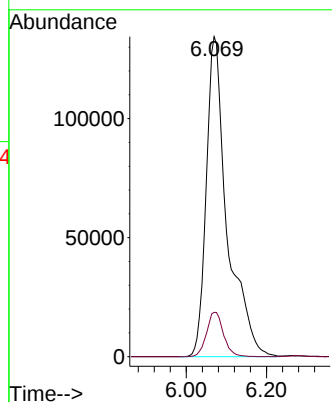
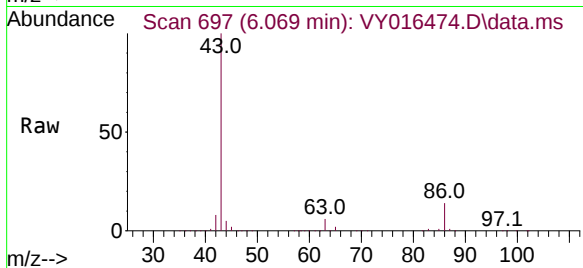




#23
 Vinyl Acetate
 Concen: 206.516 ug/l
 RT: 6.069 min Scan# 697
 Delta R.T. -0.007 min
 Lab File: VY016474.D
 Acq: 24 Nov 2023 09:42

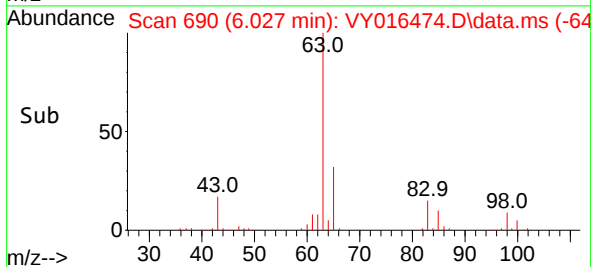
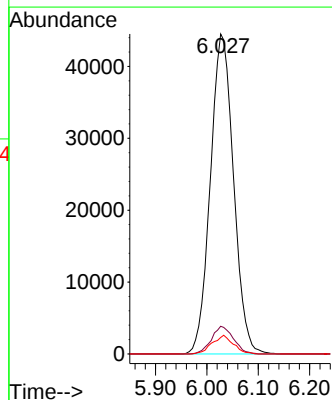
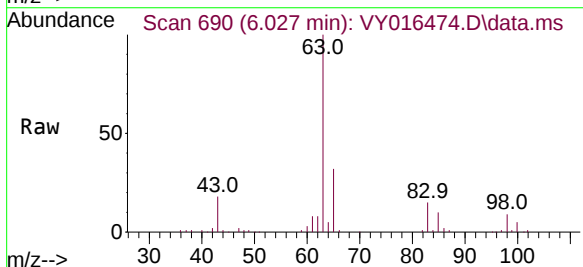
Instrument :
 MSVOA_Y
 ClientSampleId :

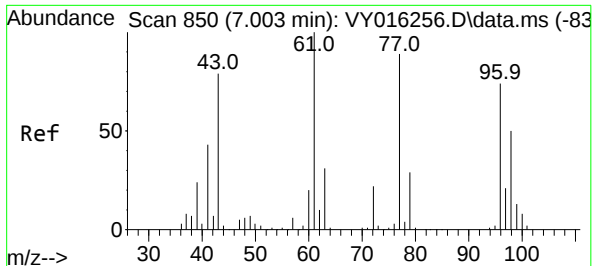
Tgt Ion: 43 Resp: 486501
 Ion Ratio Lower Upper
 43 100
 86 13.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 46.484 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.013 min
 Lab File: VY016474.D
 Acq: 24 Nov 2023 09:42

Tgt Ion: 63 Resp: 139420
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.1 9.4
 100 5.2 1.8 5.5





#25

2-Butanone

Concen: 208.949 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.007 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

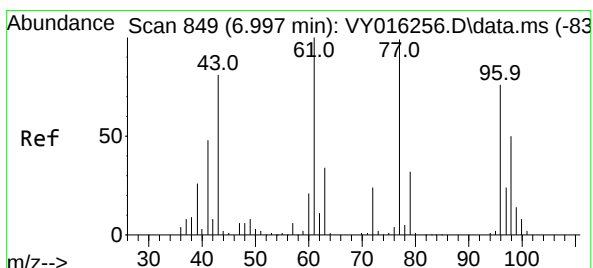
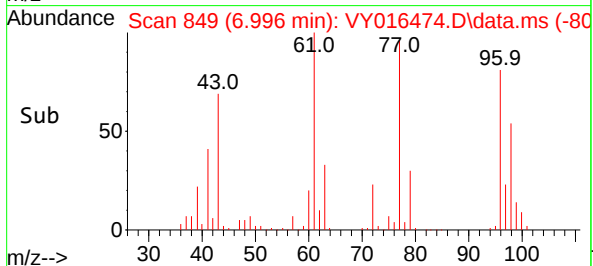
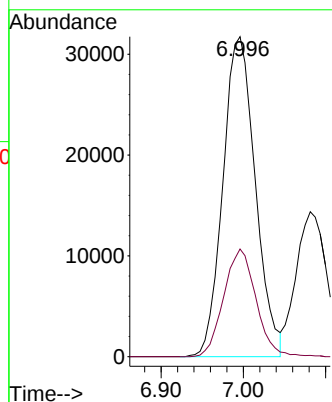
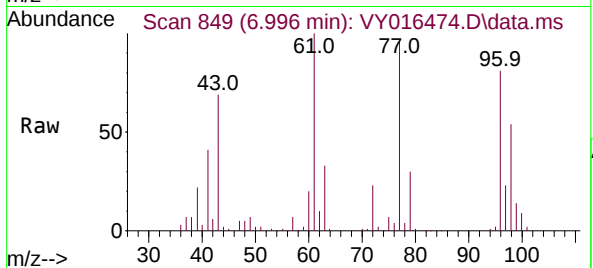
ClientSampleId :

Tgt Ion: 43 Resp: 87042

Ion Ratio Lower Upper

43 100

72 33.6 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 50.133 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.007 min

Lab File: VY016474.D

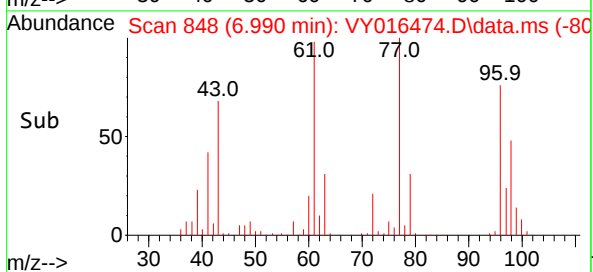
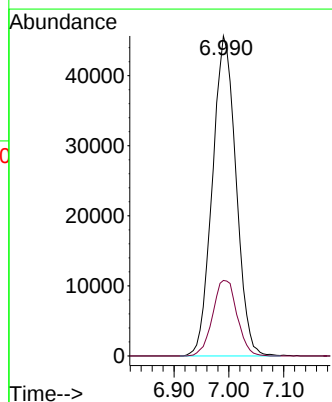
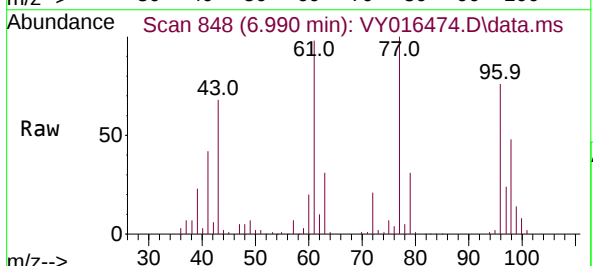
Acq: 24 Nov 2023 09:42

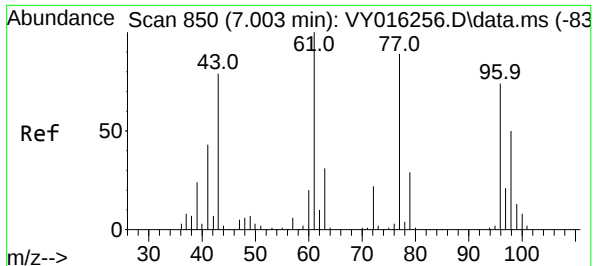
Tgt Ion: 77 Resp: 136853

Ion Ratio Lower Upper

77 100

97 24.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 50.390 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.007 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

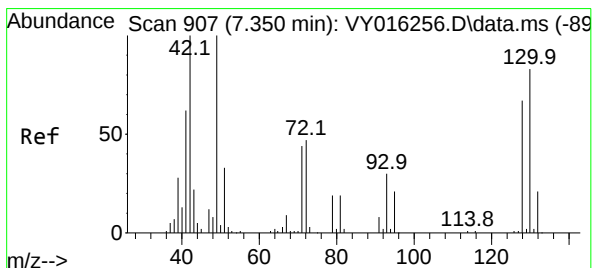
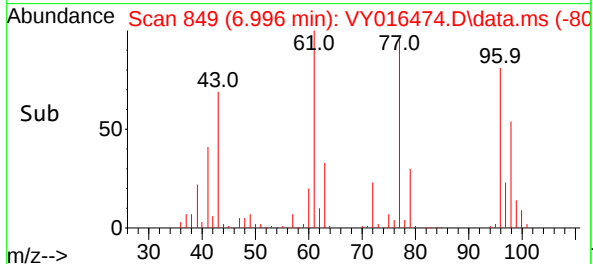
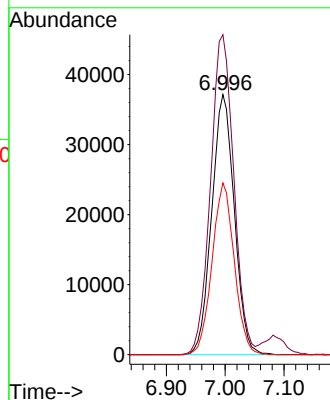
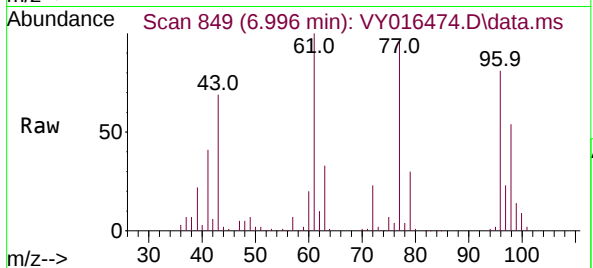
Tgt Ion: 96 Resp: 99399

Ion Ratio Lower Upper

96 100

61 126.3 0.0 301.4

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 46.648 ug/l

RT: 7.343 min Scan# 906

Delta R.T. -0.007 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

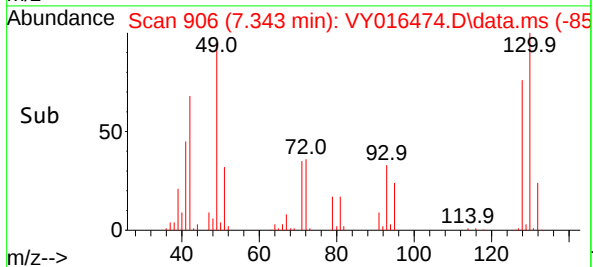
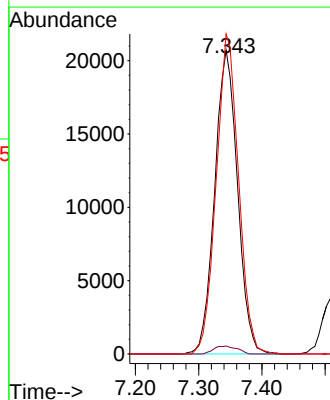
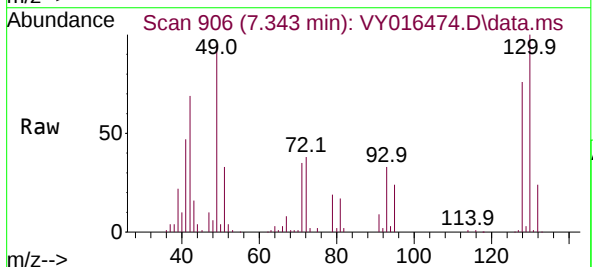
Tgt Ion: 49 Resp: 51782

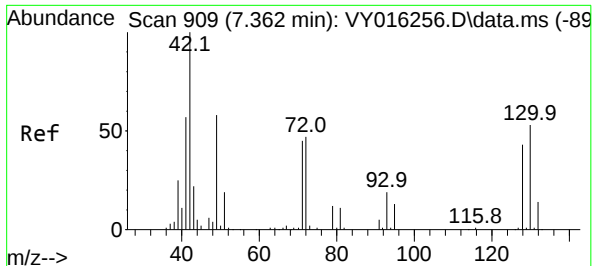
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 103.2 60.7 91.1#





#29

Tetrahydrofuran

Concen: 200.451 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.007 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

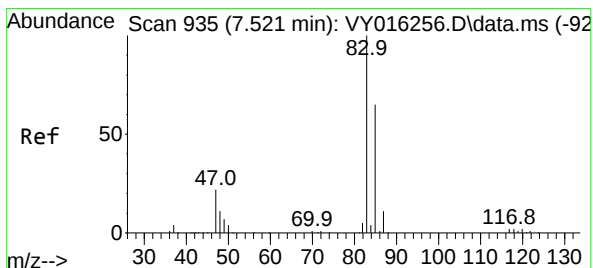
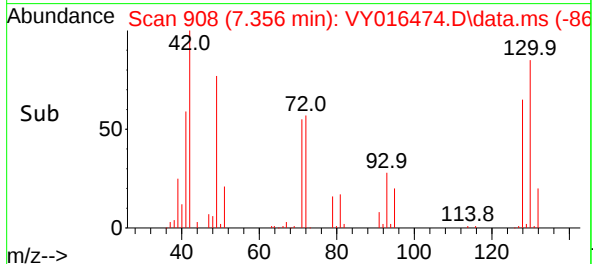
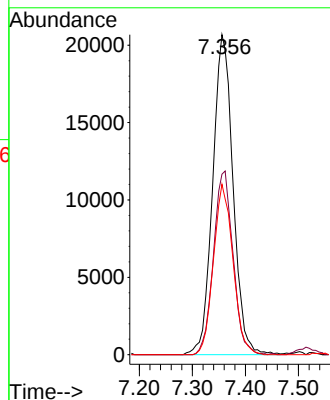
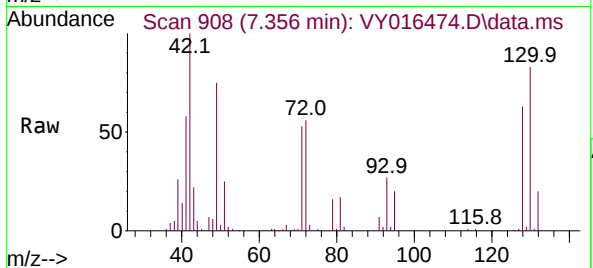
Tgt Ion: 42 Resp: 55192

Ion Ratio Lower Upper

42 100

72 55.0 32.8 49.2#

71 51.2 31.0 46.4#



#30

Chloroform

Concen: 49.761 ug/l

RT: 7.514 min Scan# 934

Delta R.T. -0.007 min

Lab File: VY016474.D

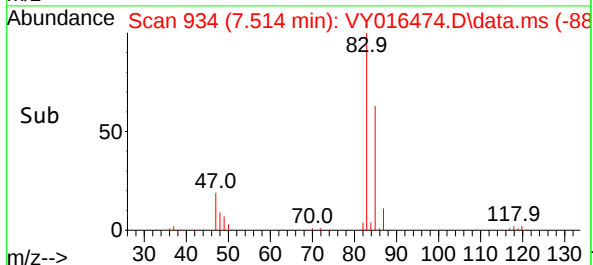
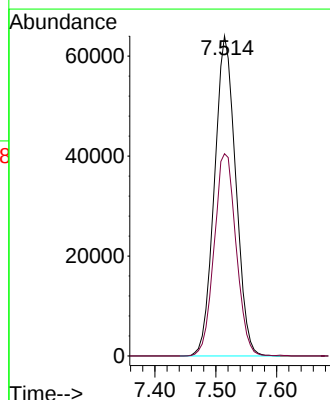
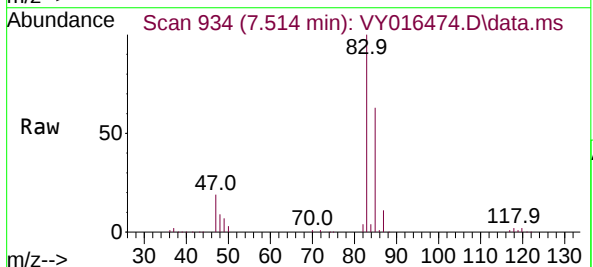
Acq: 24 Nov 2023 09:42

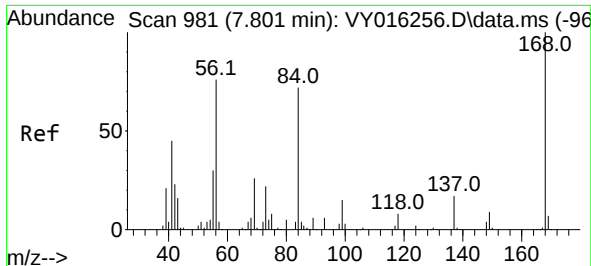
Tgt Ion: 83 Resp: 155351

Ion Ratio Lower Upper

83 100

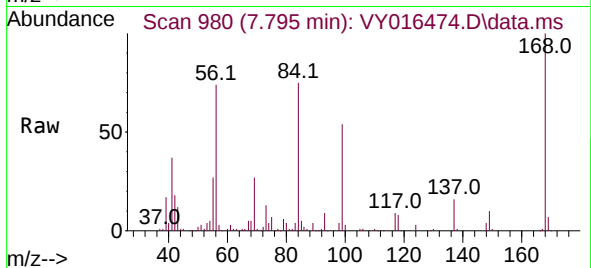
85 63.2 49.7 74.5



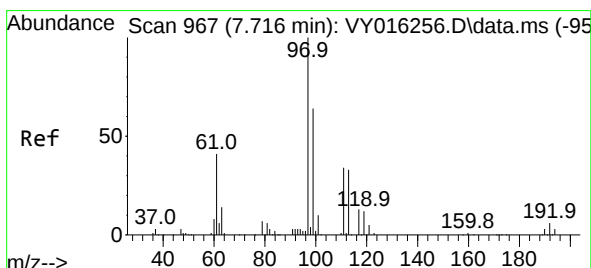
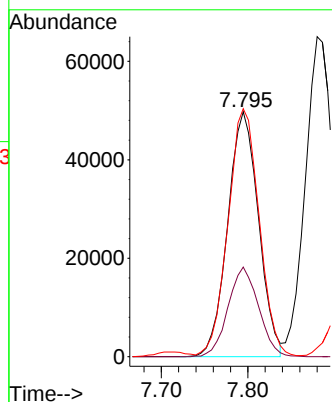
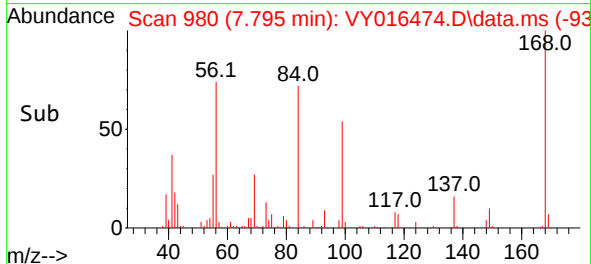


#31
Cyclohexane
Concen: 43.426 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Instrument :
MSVOA_Y
ClientSampleId :

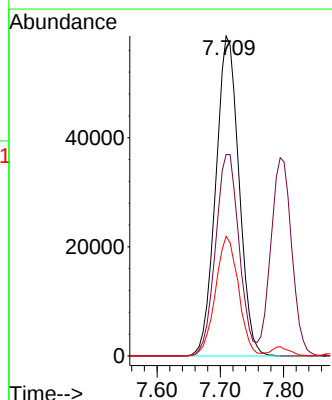
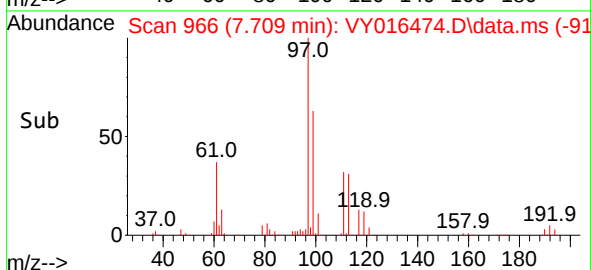
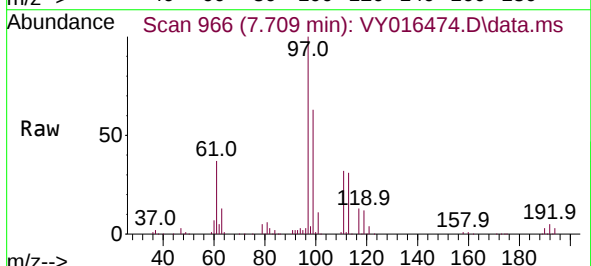


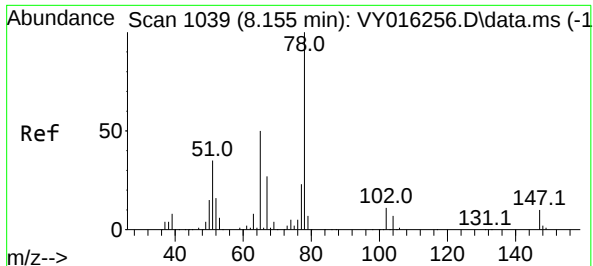
Tgt Ion: 56 Resp: 122928
Ion Ratio Lower Upper
56 100
69 36.6 27.8 41.6
84 99.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 52.219 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.007 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Tgt Ion: 97 Resp: 149439
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 37.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 46.008 ug/l

RT: 8.148 min Scan# 110

Delta R.T. -0.007 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

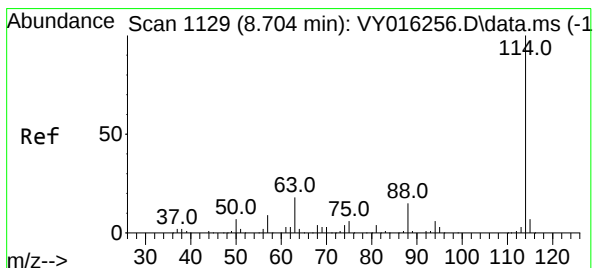
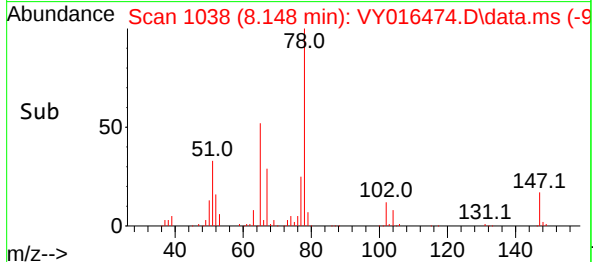
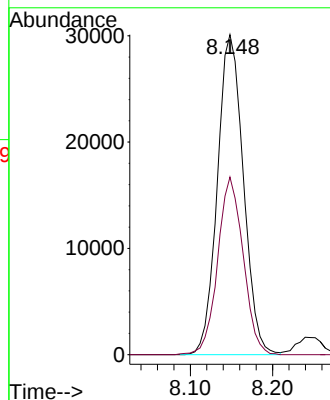
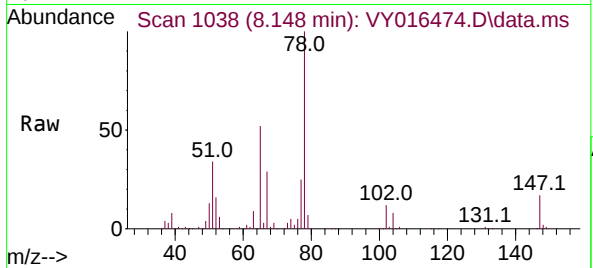
ClientSampleId :

Tgt Ion: 65 Resp: 66150

Ion Ratio Lower Upper

65 100

67 54.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.007 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

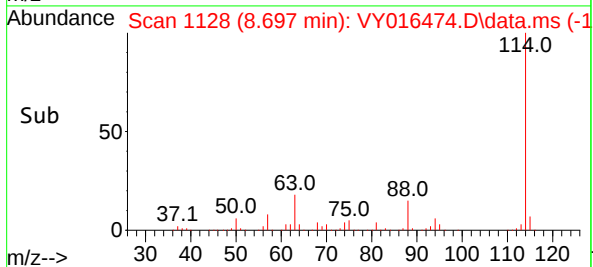
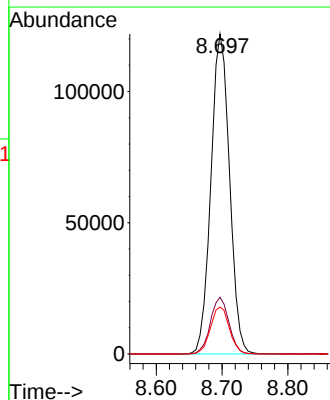
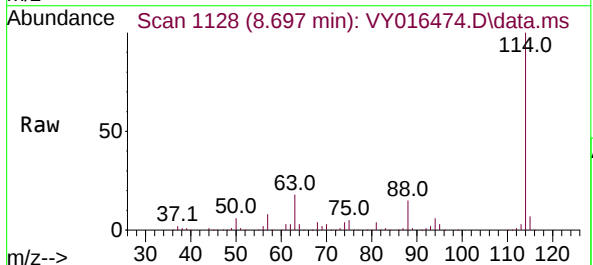
Tgt Ion:114 Resp: 239925

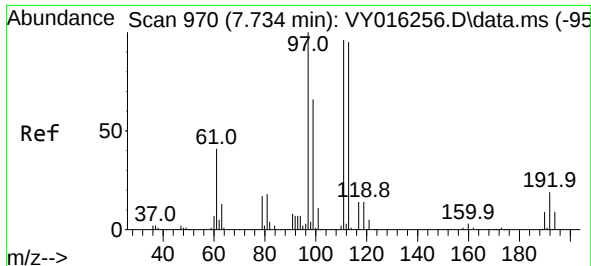
Ion Ratio Lower Upper

114 100

63 17.7 0.0 42.4

88 14.6 0.0 30.6

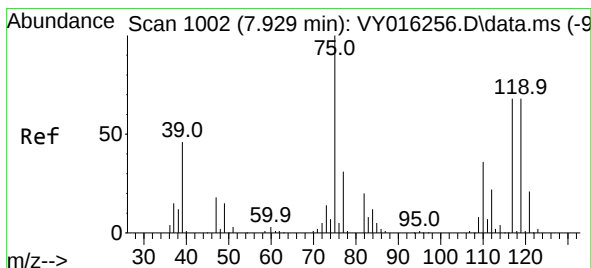
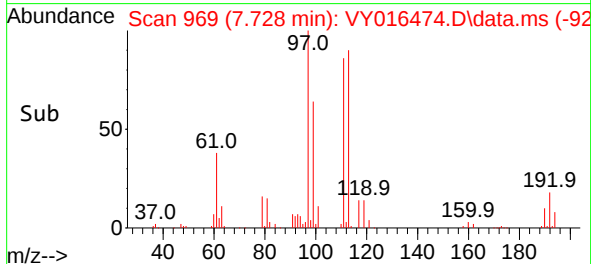
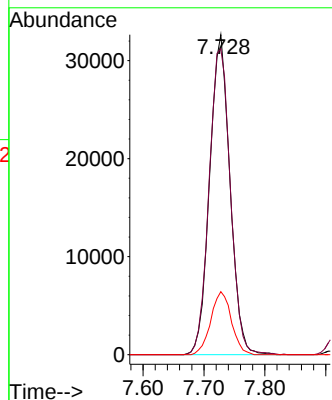
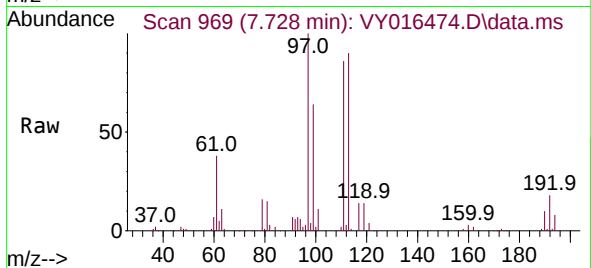




#35
Dibromofluoromethane
Concen: 55.456 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

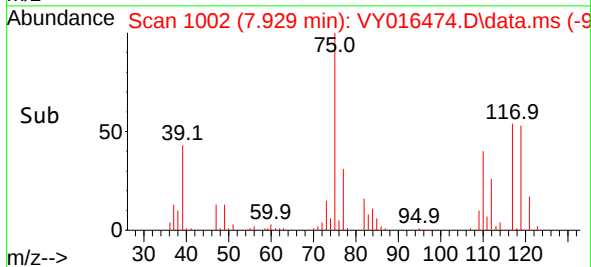
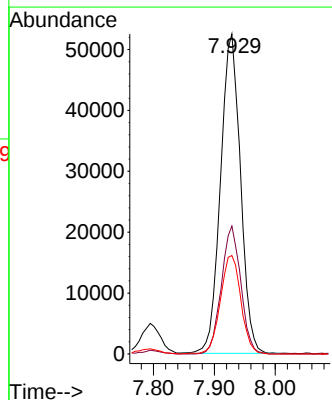
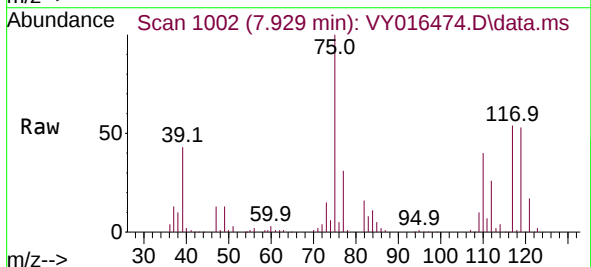
Instrument :
MSVOA_Y
ClientSampleId :

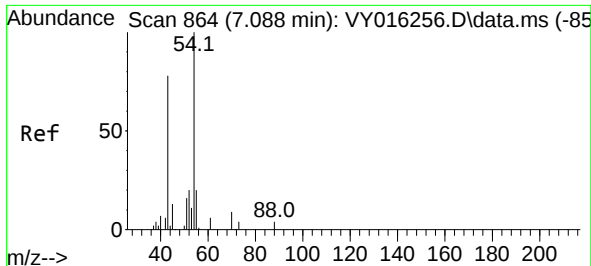
Tgt Ion:113 Resp: 75582
Ion Ratio Lower Upper
113 100
111 100.4 81.3 121.9
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.470 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.001 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

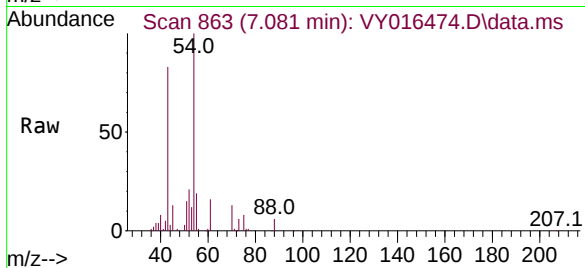
Tgt Ion: 75 Resp: 119443
Ion Ratio Lower Upper
75 100
110 38.8 17.8 53.5
77 31.7 24.4 36.6



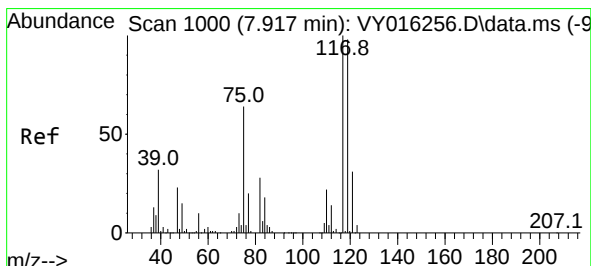
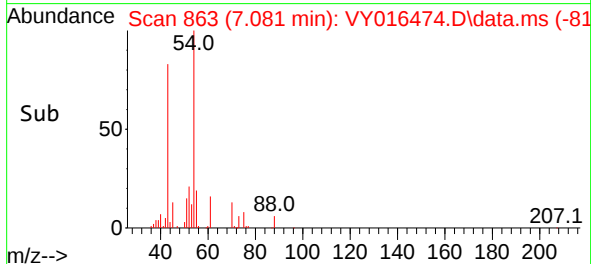
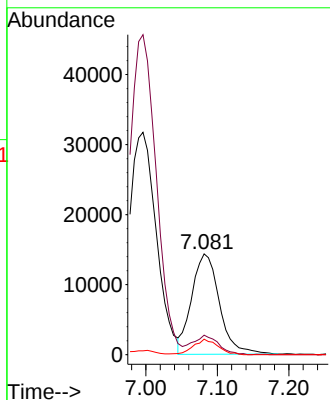


#37
Ethyl Acetate
Concen: 40.457 ug/l
RT: 7.081 min Scan# 80
Delta R.T. -0.007 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Instrument :
MSVOA_Y
ClientSampleId :

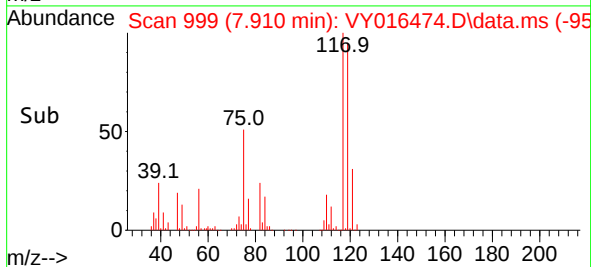
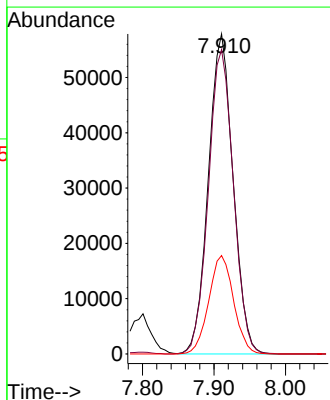
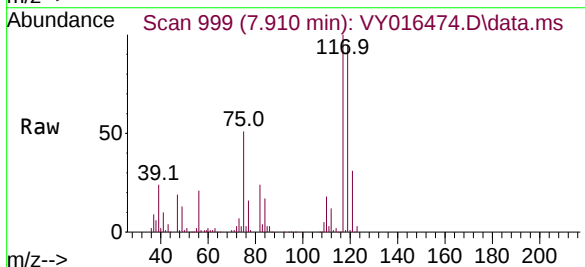


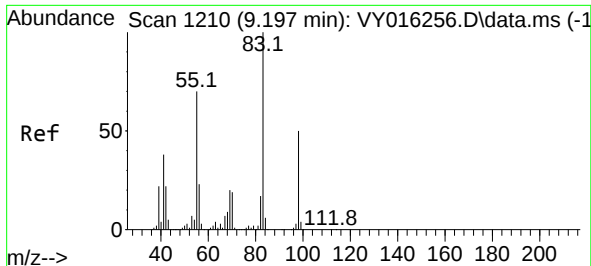
Tgt Ion: 43 Resp: 38686
Ion Ratio Lower Upper
43 100
61 18.2 10.1 15.1#
70 13.6 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 56.582 ug/l
RT: 7.910 min Scan# 999
Delta R.T. -0.007 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Tgt Ion: 117 Resp: 138977
Ion Ratio Lower Upper
117 100
119 95.1 76.4 114.6
121 30.8 25.8 38.6





#39

Methylcyclohexane

Concen: 52.369 ug/l

RT: 9.191 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

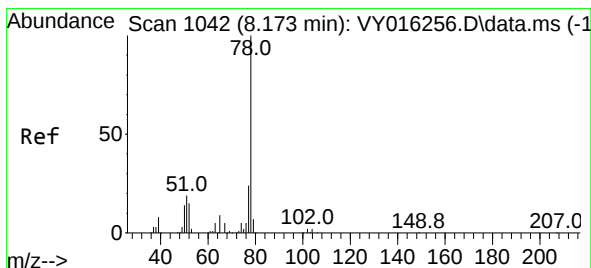
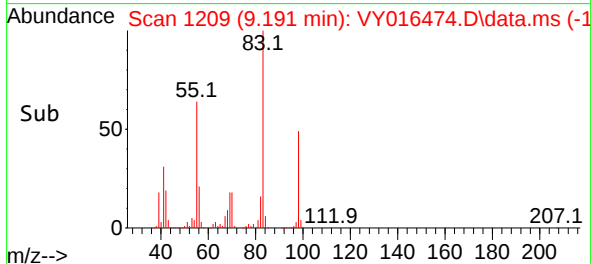
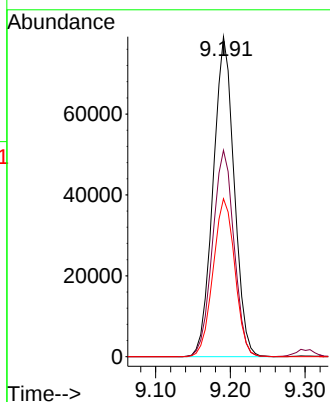
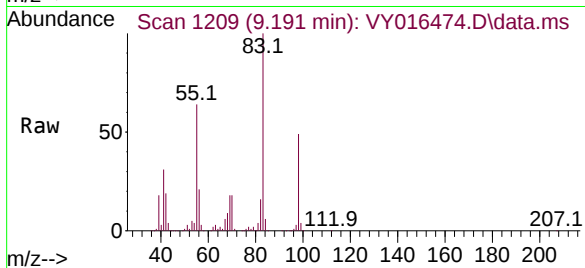
Tgt Ion: 83 Resp: 154433

Ion Ratio Lower Upper

83 100

55 64.5 63.0 94.4

98 49.3 37.4 56.2



#40

Benzene

Concen: 51.269 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.007 min

Lab File: VY016474.D

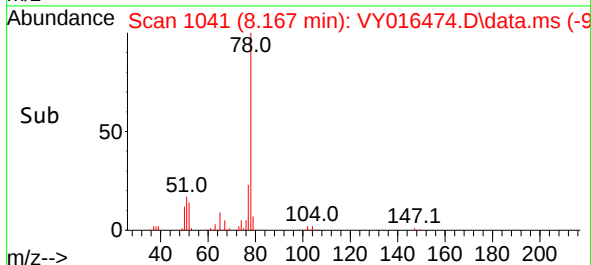
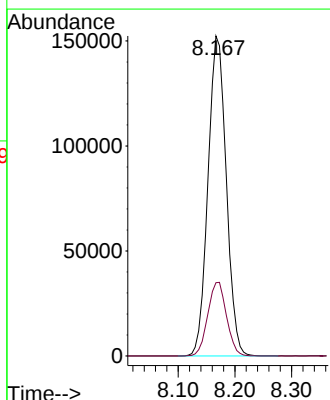
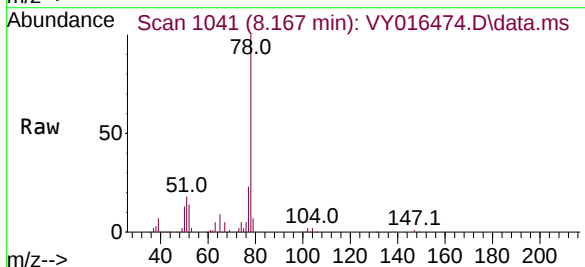
Acq: 24 Nov 2023 09:42

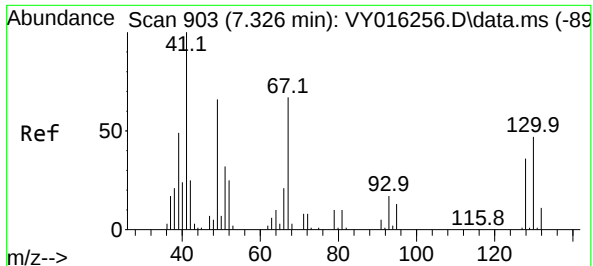
Tgt Ion: 78 Resp: 340893

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.6

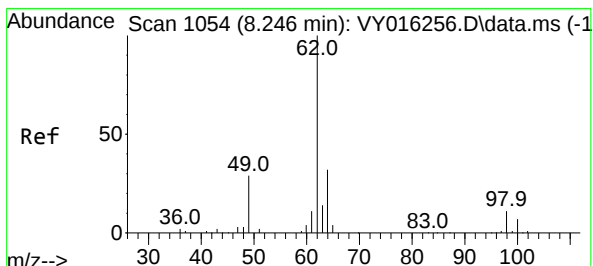
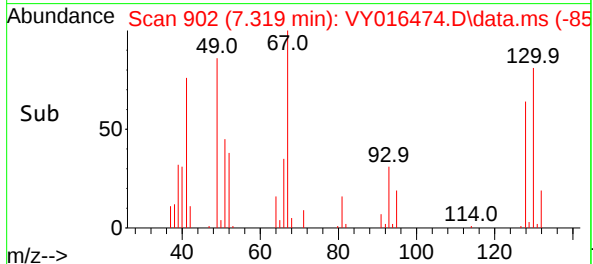
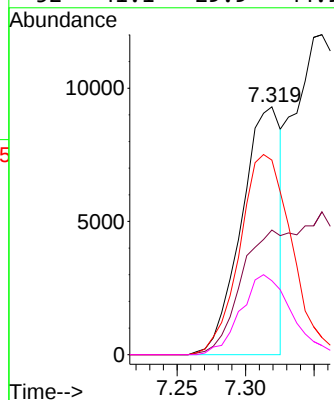
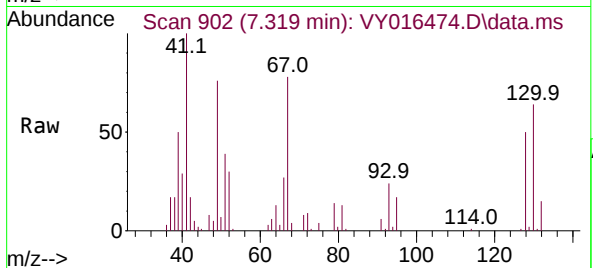




#41
Methacrylonitrile
Concen: 38.875 ug/l
RT: 7.319 min Scan# 903
Delta R.T. -0.007 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

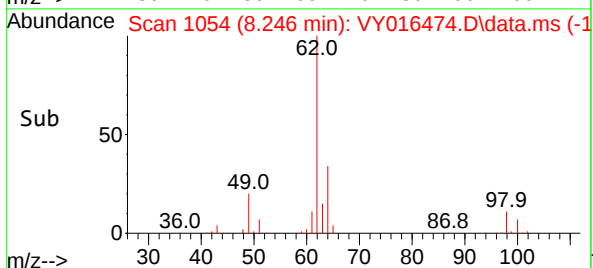
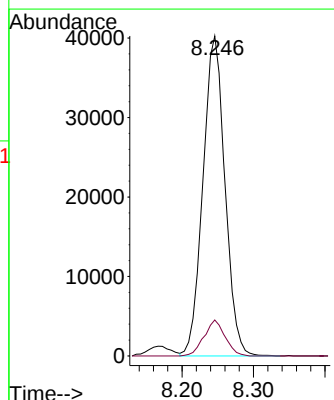
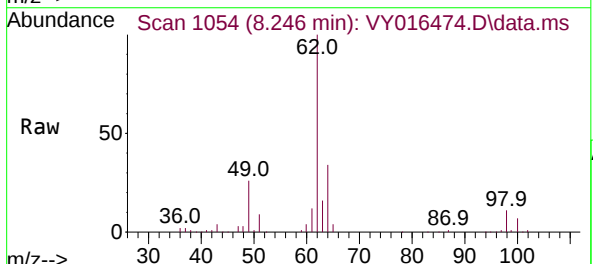
Instrument :
MSVOA_Y
ClientSampleId :

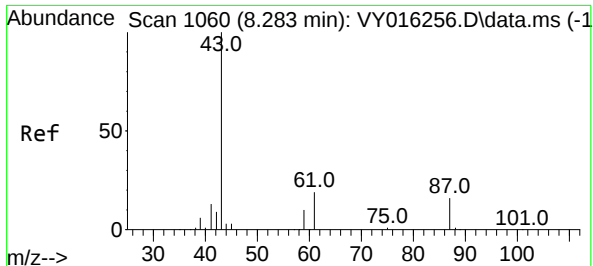
Tgt Ion: 41 Resp: 18743
Ion Ratio Lower Upper
41 100
39 51.4 52.1 78.1#
67 106.1 66.2 99.2#
52 41.1 29.9 44.9



#42
1,2-Dichloroethane
Concen: 49.950 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.001 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Tgt Ion: 62 Resp: 86053
Ion Ratio Lower Upper
62 100
98 10.8 0.0 15.8





#43

Isopropyl Acetate

Concen: 41.697 ug/l

RT: 8.282 min Scan# 1169

Delta R.T. -0.001 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

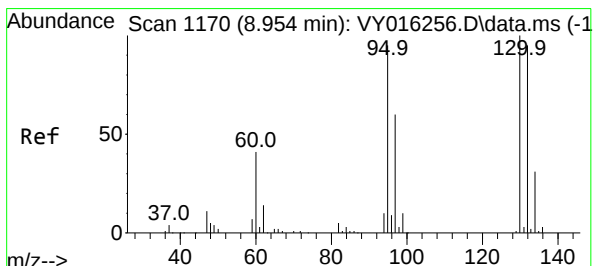
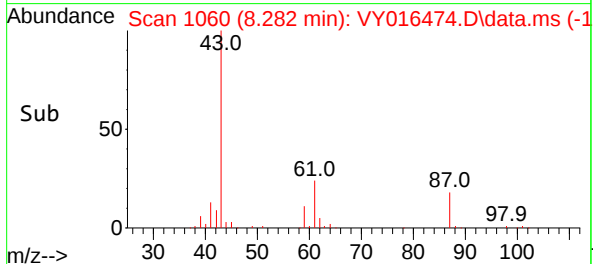
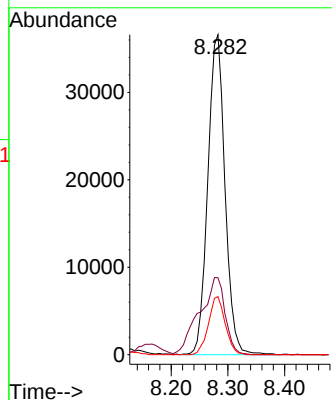
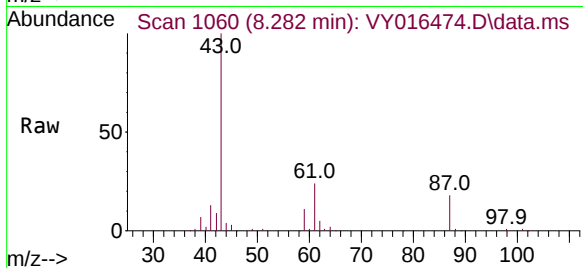
Tgt Ion: 43 Resp: 77072

Ion Ratio Lower Upper

43 100

61 35.7 21.1 31.7#

87 17.7 9.8 14.8#



#44

Trichloroethene

Concen: 54.072 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. -0.007 min

Lab File: VY016474.D

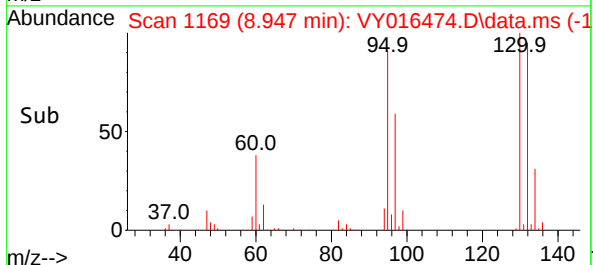
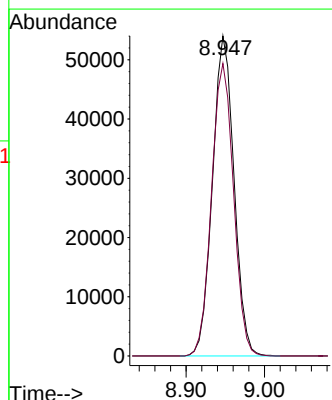
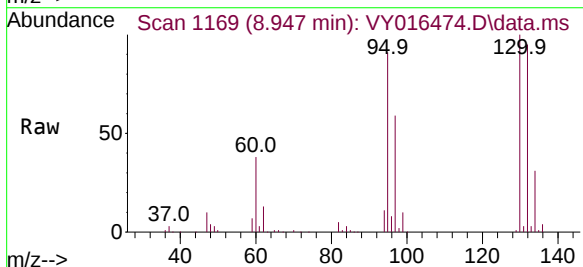
Acq: 24 Nov 2023 09:42

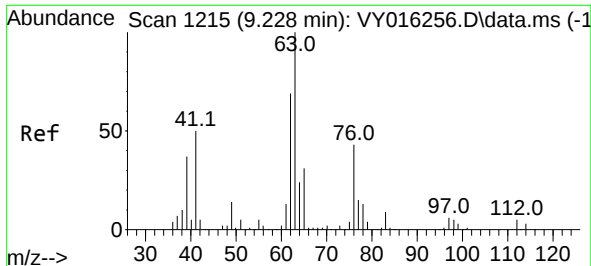
Tgt Ion:130 Resp: 103327

Ion Ratio Lower Upper

130 100

95 91.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 48.770 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. -0.007 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

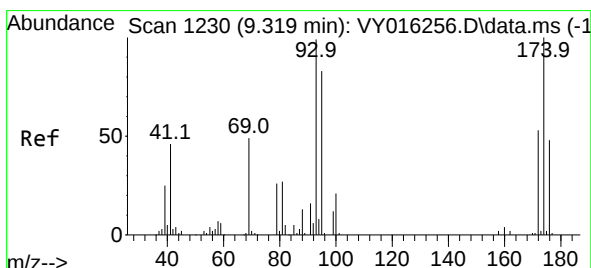
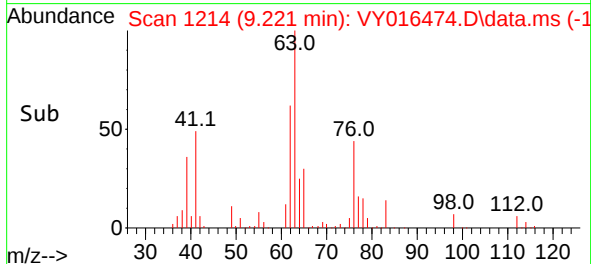
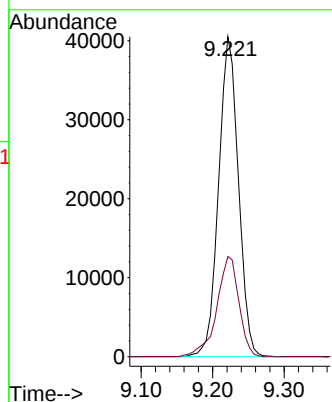
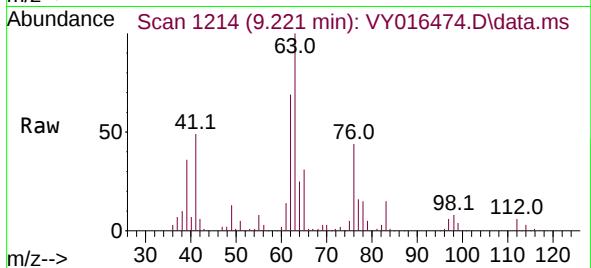
ClientSampleId :

Tgt Ion: 63 Resp: 77877

Ion Ratio Lower Upper

63 100

65 31.3 23.8 35.6



#46

Dibromomethane

Concen: 51.328 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.007 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

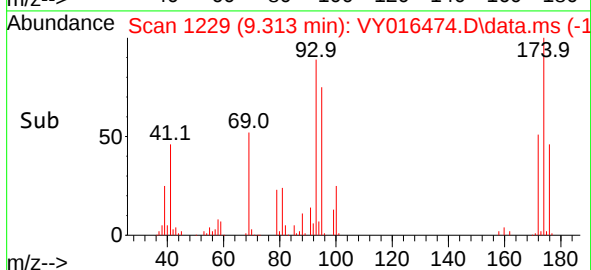
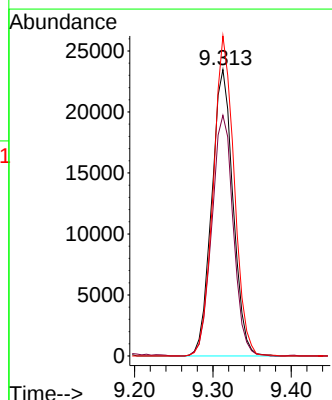
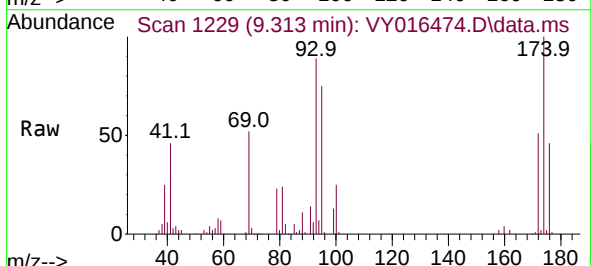
Tgt Ion: 93 Resp: 44415

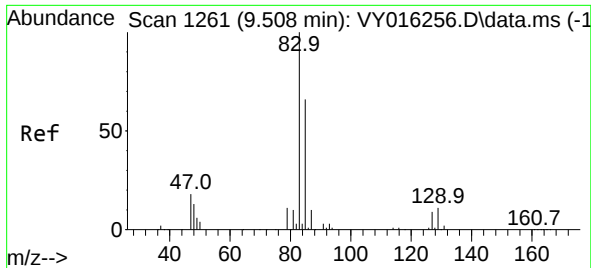
Ion Ratio Lower Upper

93 100

95 84.3 66.6 100.0

174 109.4 84.8 127.2

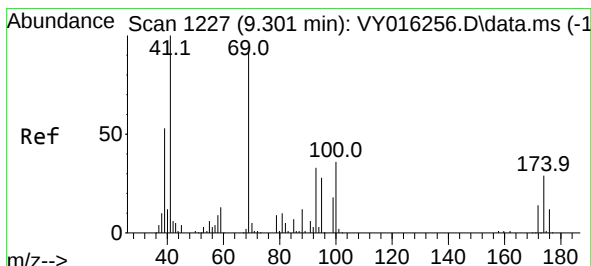
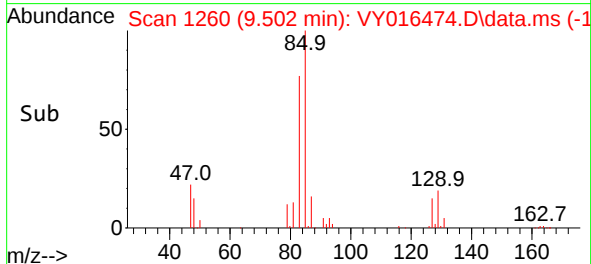
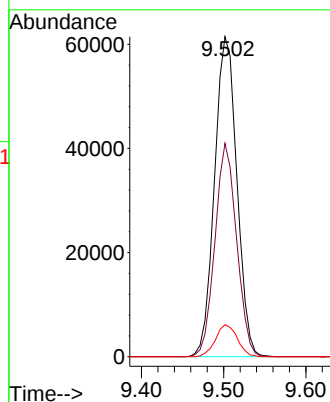
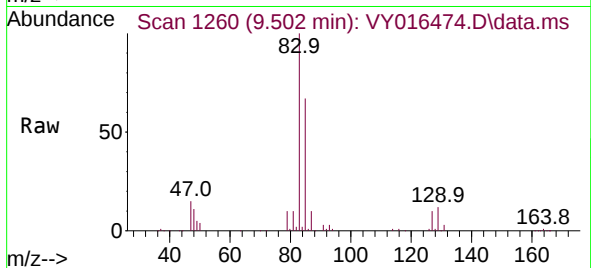




#47
Bromodichloromethane
Concen: 52.174 ug/l
RT: 9.502 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

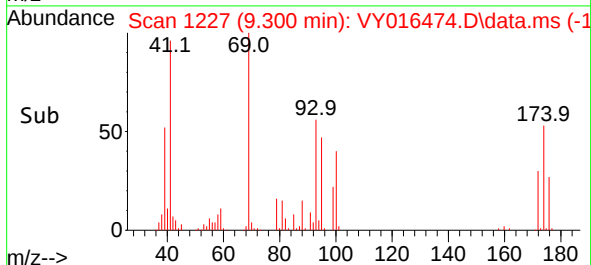
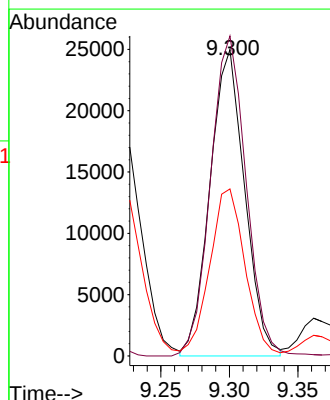
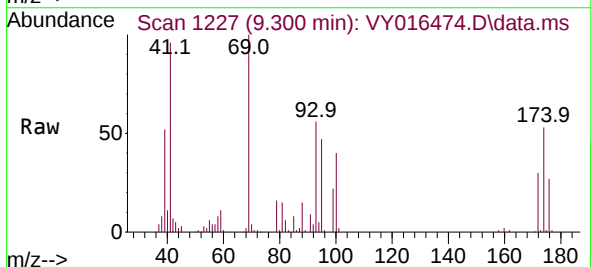
Instrument :
MSVOA_Y
ClientSampleId :

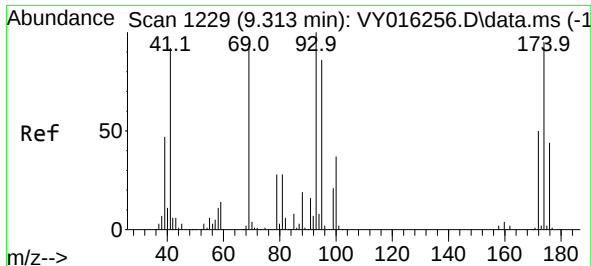
Tgt Ion: 83 Resp: 116069
Ion Ratio Lower Upper
83 100
85 66.6 50.1 75.1
127 10.0 7.1 10.7



#48
Methyl methacrylate
Concen: 43.028 ug/l
RT: 9.300 min Scan# 1227
Delta R.T. -0.001 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Tgt Ion: 41 Resp: 43954
Ion Ratio Lower Upper
41 100
69 107.4 64.5 96.7#
39 53.4 50.8 76.2





#49

1,4-Dioxane

Concen: 978.809 ug/l

RT: 9.300 min Scan# 11

Delta R.T. -0.013 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

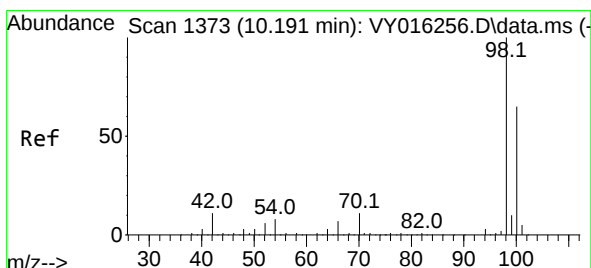
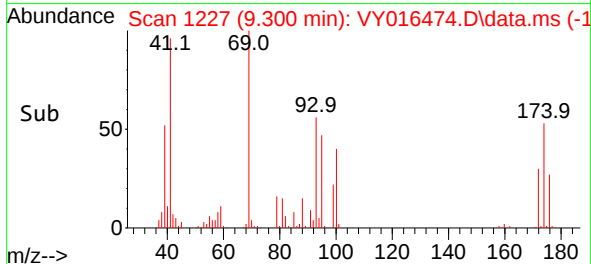
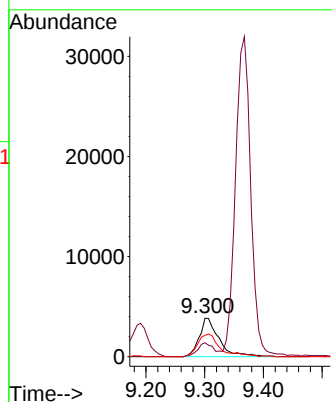
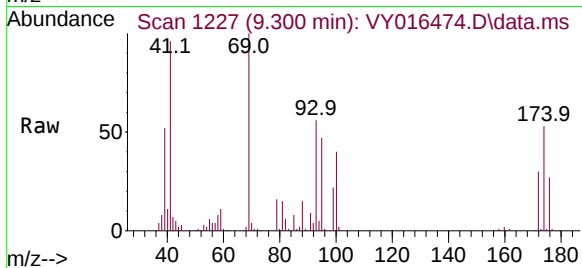
Tgt Ion: 88 Resp: 8992

Ion Ratio Lower Upper

88 100

43 27.4 0.0 0.0#

58 66.1 30.9 46.3#



#50

Toluene-d8

Concen: 50.724 ug/l

RT: 10.184 min Scan# 1372

Delta R.T. -0.007 min

Lab File: VY016474.D

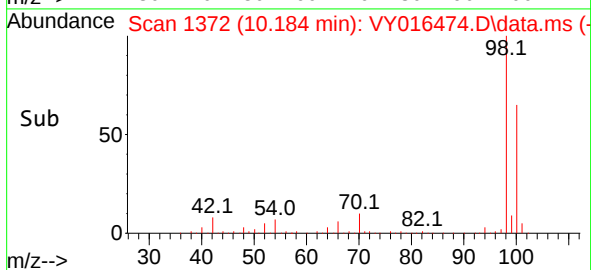
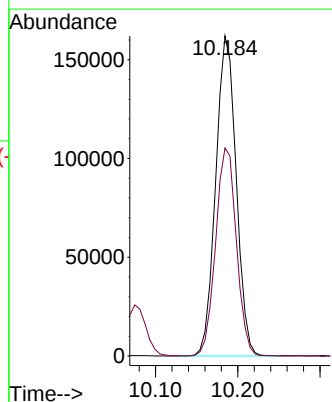
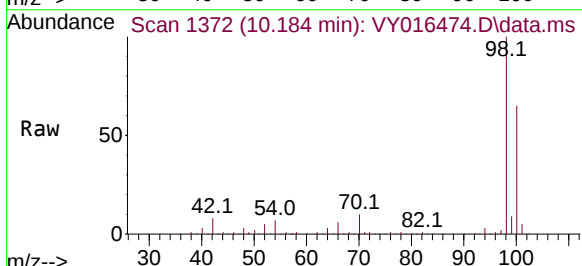
Acq: 24 Nov 2023 09:42

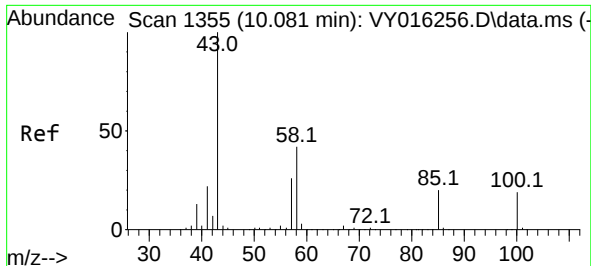
Tgt Ion: 98 Resp: 280351

Ion Ratio Lower Upper

98 100

100 66.0 50.1 75.1

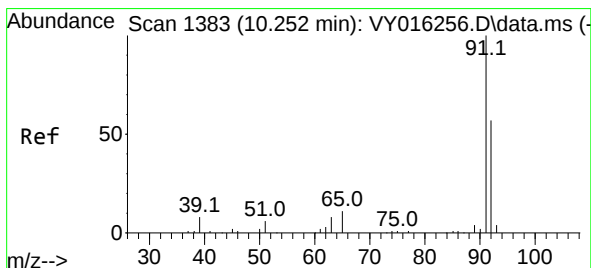
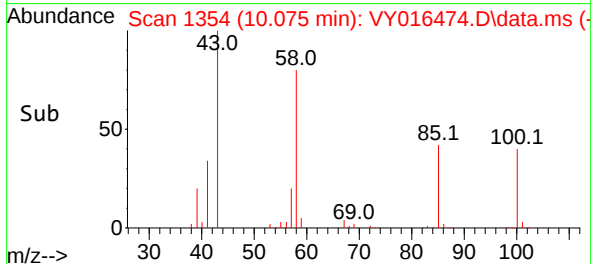
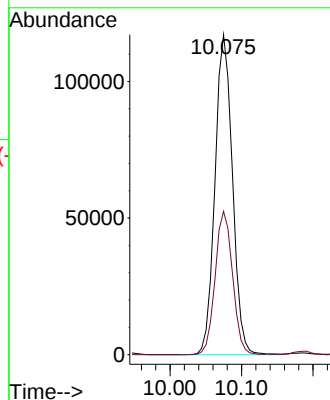
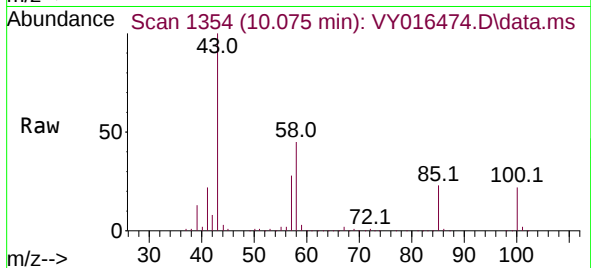




#51
4-Methyl-2-Pentanone
Concen: 212.799 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.007 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

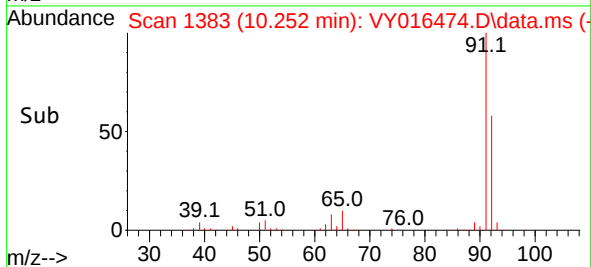
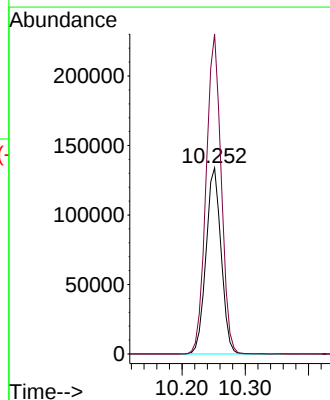
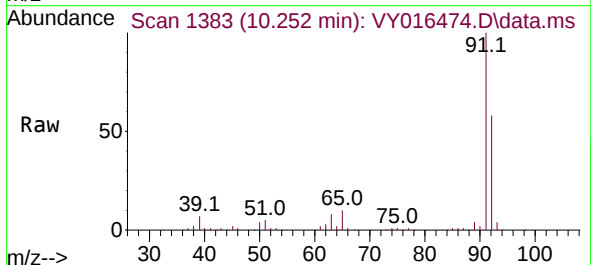
Instrument :
MSVOA_Y
ClientSampleId :

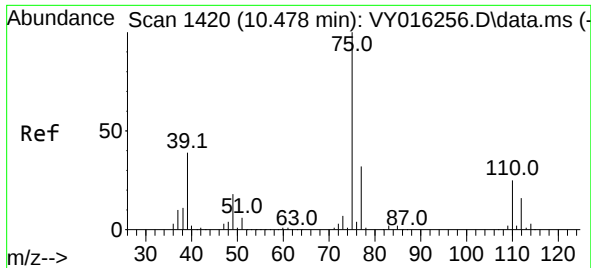
Tgt Ion: 43 Resp: 198897
Ion Ratio Lower Upper
43 100
58 44.7 29.0 43.6#



#52
Toluene
Concen: 52.934 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.001 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Tgt Ion: 92 Resp: 222485
Ion Ratio Lower Upper
92 100
91 171.9 143.8 215.6

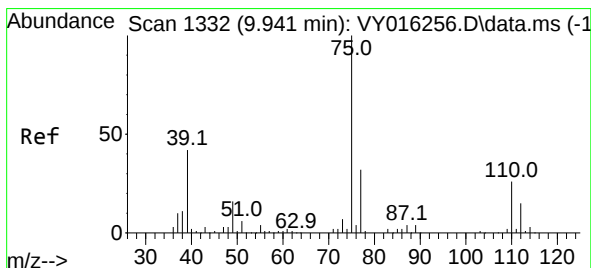
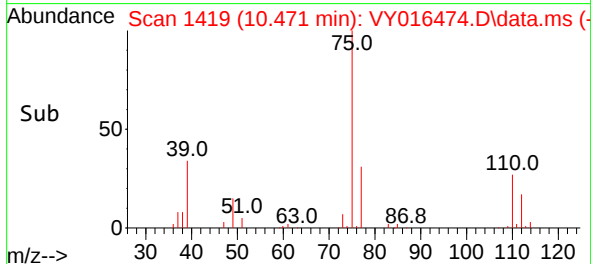
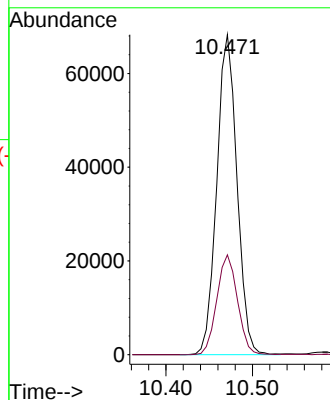
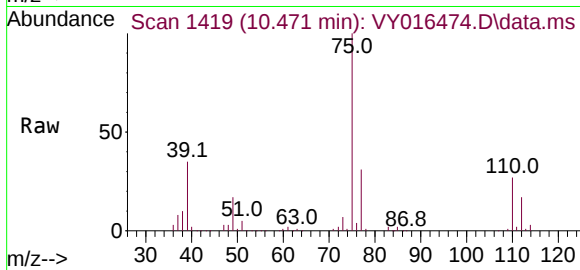




#53
 t-1,3-Dichloropropene
 Concen: 51.299 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.007 min
 Lab File: VY016474.D
 Acq: 24 Nov 2023 09:42

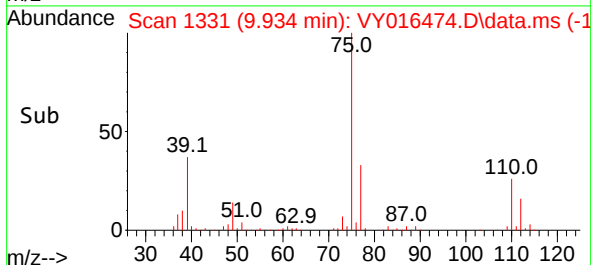
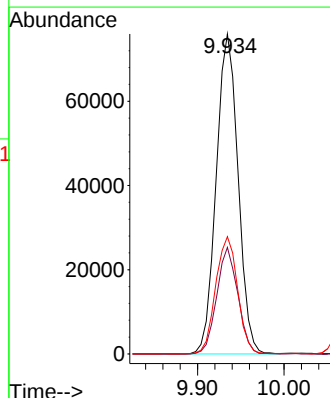
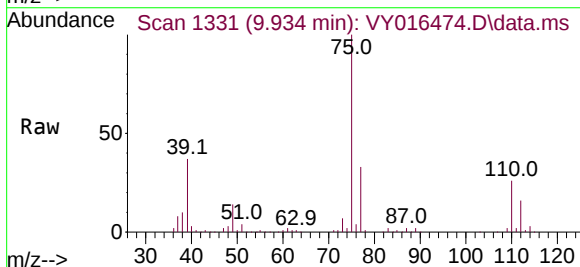
Instrument :
 MSVOA_Y
 ClientSampleId :

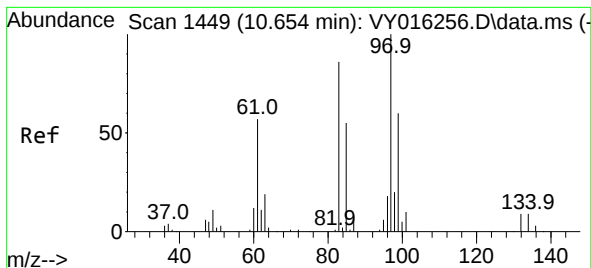
Tgt Ion: 75 Resp: 110632
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.652 ug/l
 RT: 9.934 min Scan# 1331
 Delta R.T. -0.007 min
 Lab File: VY016474.D
 Acq: 24 Nov 2023 09:42

Tgt Ion: 75 Resp: 133049
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.2 36.4
 39 36.6 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 53.718 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.007 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 64068

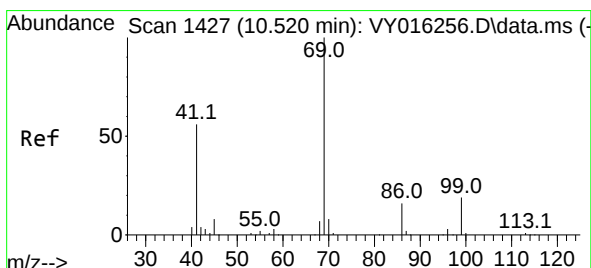
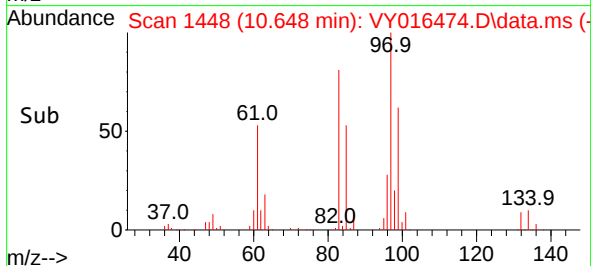
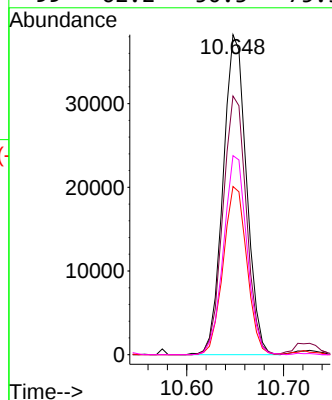
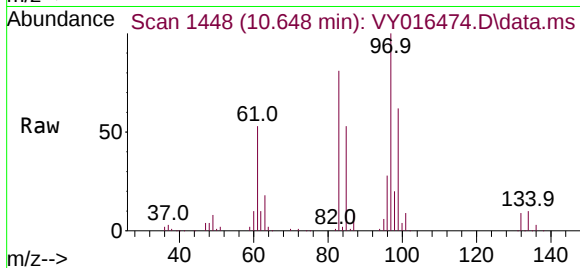
Ion Ratio Lower Upper

97 100

83 80.8 72.0 108.0

85 52.6 45.4 68.0

99 62.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 49.368 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.007 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

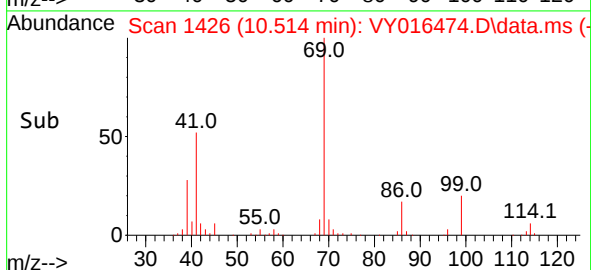
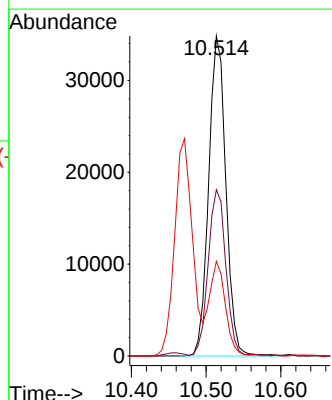
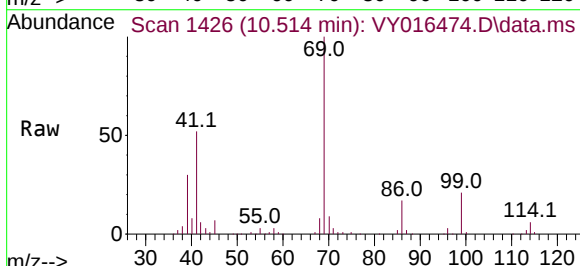
Tgt Ion: 69 Resp: 55581

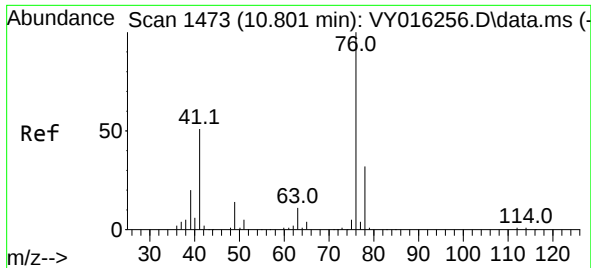
Ion Ratio Lower Upper

69 100

41 54.0 57.6 86.4#

39 27.7 34.1 51.1#

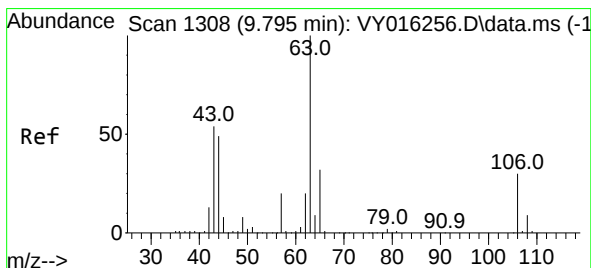
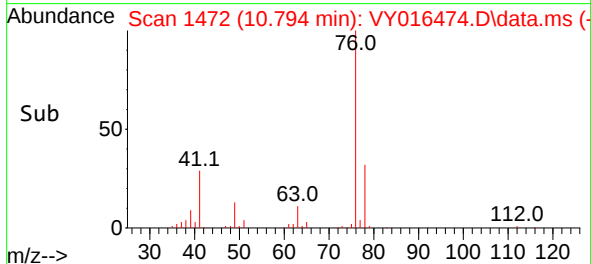
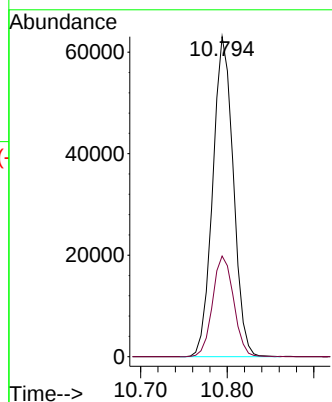
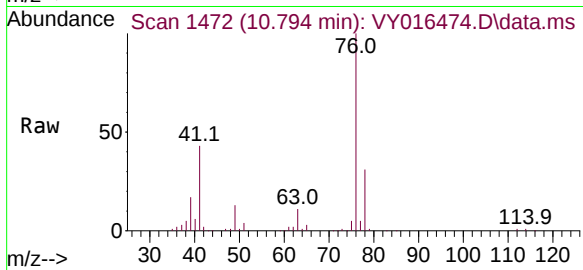




#57
1,3-Dichloropropane
Concen: 51.113 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.007 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

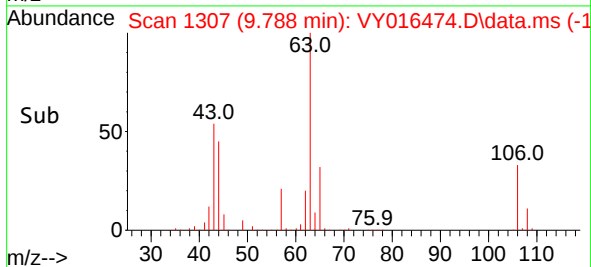
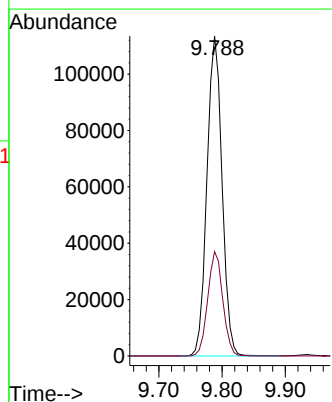
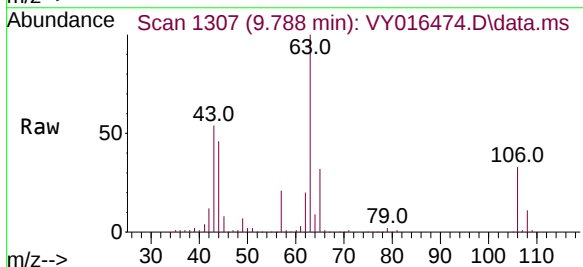
Instrument :
MSVOA_Y
ClientSampleId :

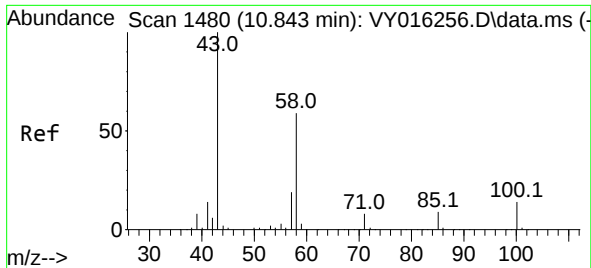
Tgt Ion: 76 Resp: 103913
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 246.621 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. -0.007 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Tgt Ion: 63 Resp: 188272
Ion Ratio Lower Upper
63 100
106 32.4 21.2 31.8#

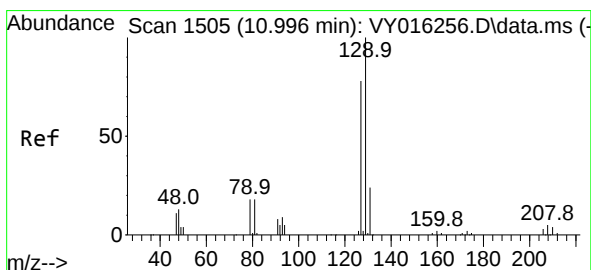
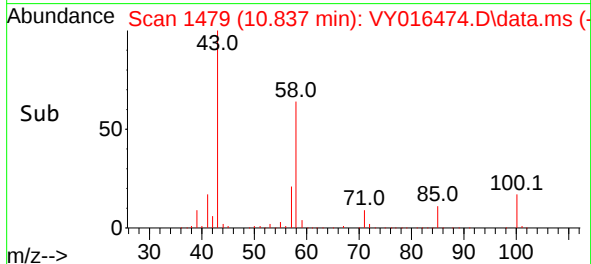
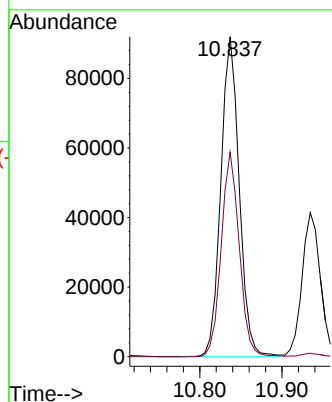
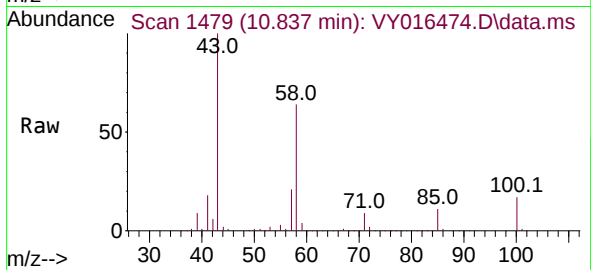




#59
2-Hexanone
Concen: 205.661 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.007 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

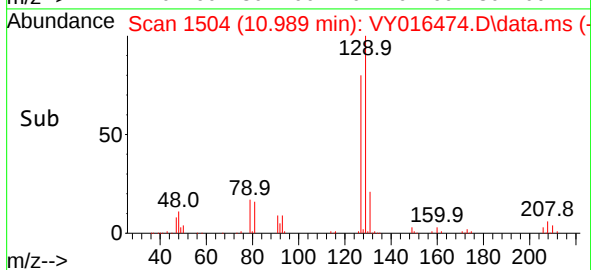
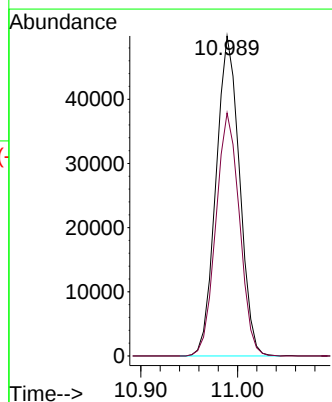
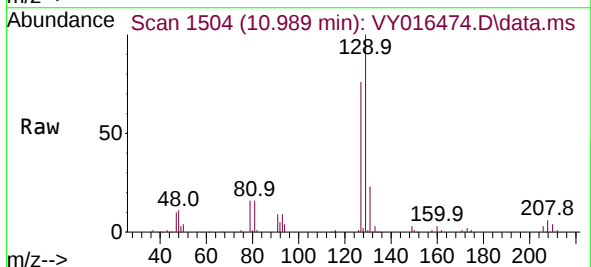
Instrument :
MSVOA_Y
ClientSampleId :

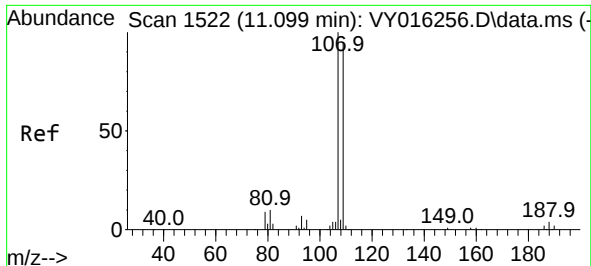
Tgt Ion: 43 Resp: 142982
Ion Ratio Lower Upper
43 100
58 62.6 25.1 75.3



#60
Dibromochloromethane
Concen: 56.367 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.007 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Tgt Ion: 129 Resp: 84078
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5

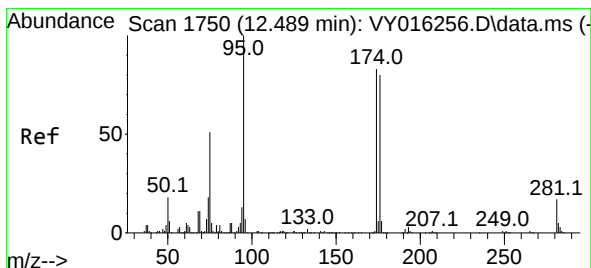
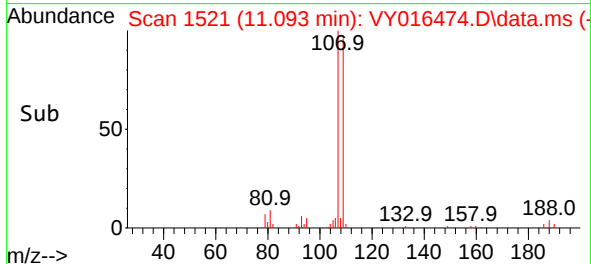
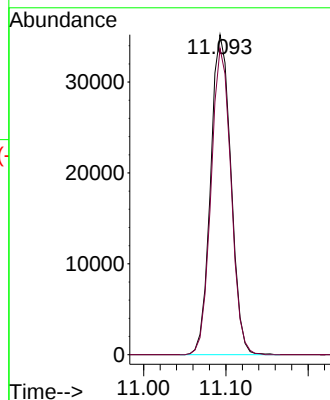
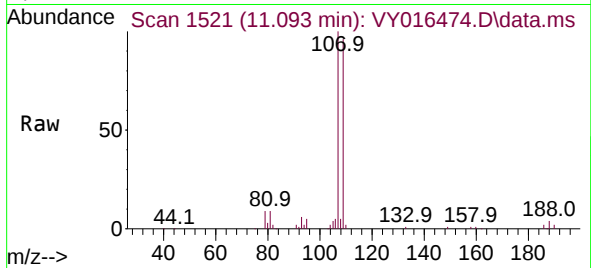




#61
1,2-Dibromoethane
Concen: 53.153 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

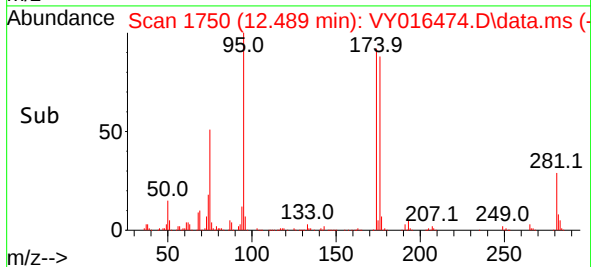
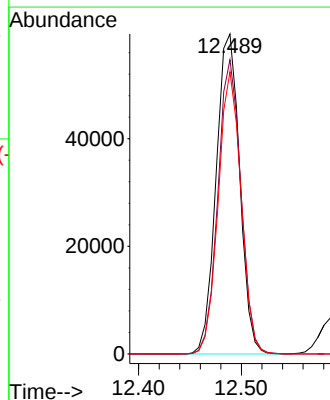
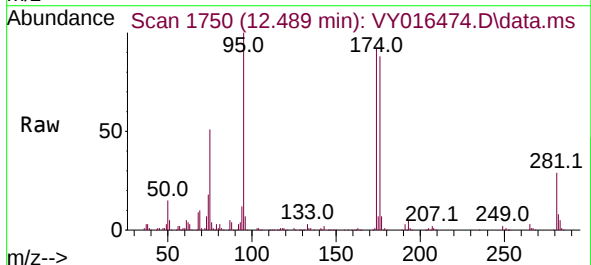
Instrument :
MSVOA_Y
ClientSampleId :

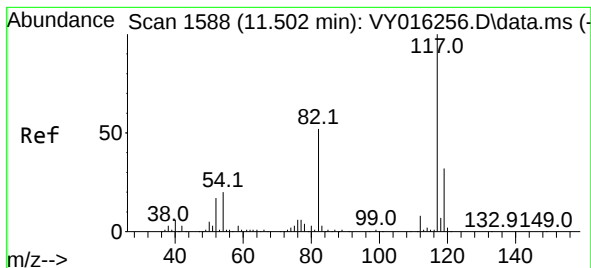
Tgt Ion:107 Resp: 60396
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.646 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.001 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Tgt Ion: 95 Resp: 94504
Ion Ratio Lower Upper
95 100
174 89.7 0.0 178.2
176 85.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

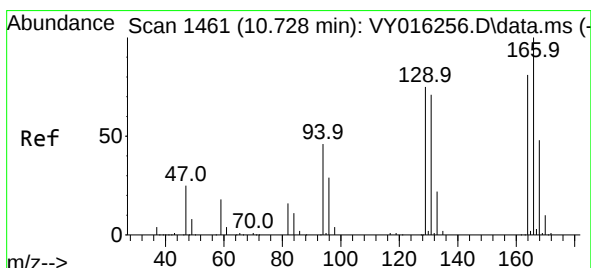
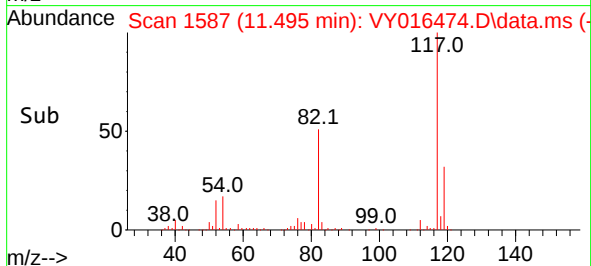
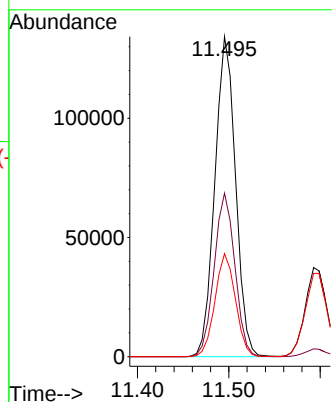
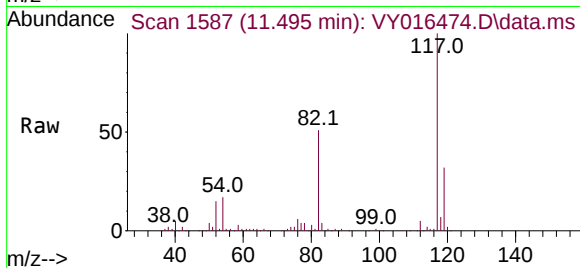
Tgt Ion:117 Resp: 211268

Ion Ratio Lower Upper

117 100

82 51.1 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 56.455 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. -0.001 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Tgt Ion:164 Resp: 107094

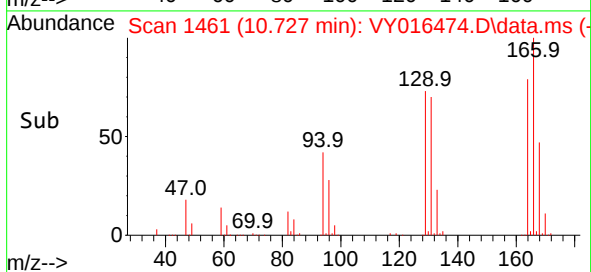
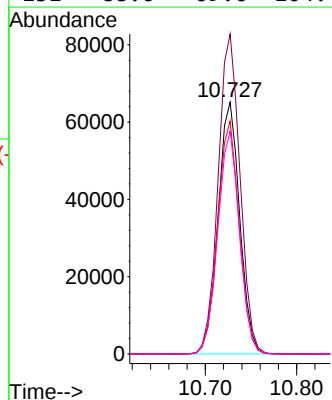
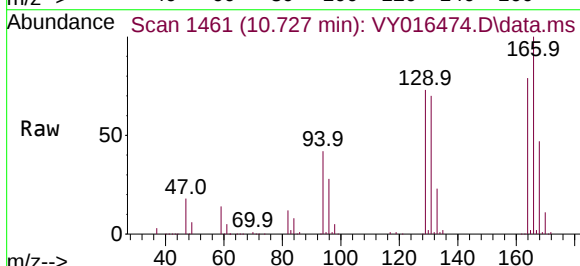
Ion Ratio Lower Upper

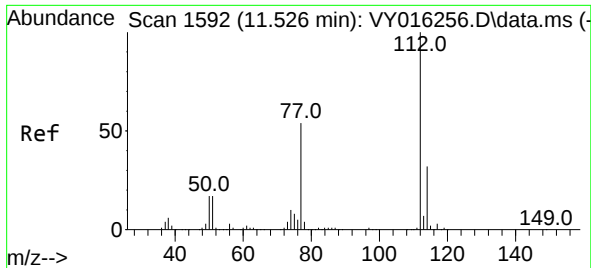
164 100

166 127.0 103.0 154.6

129 92.5 77.2 115.8

131 88.6 69.6 104.4

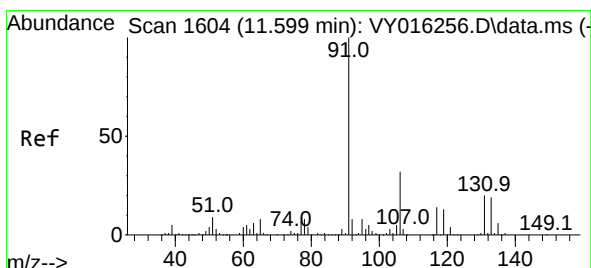
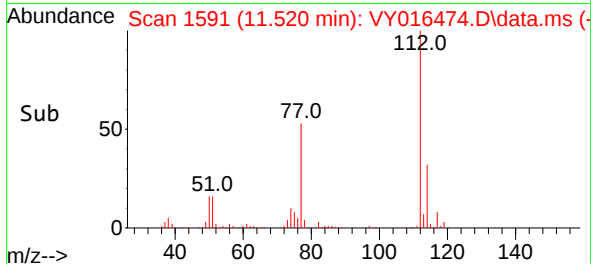
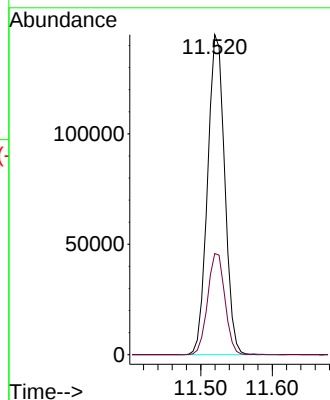
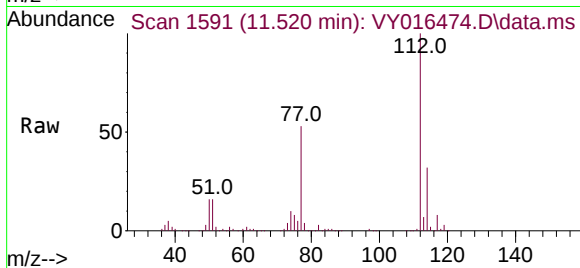




#65
Chlorobenzene
Concen: 53.331 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

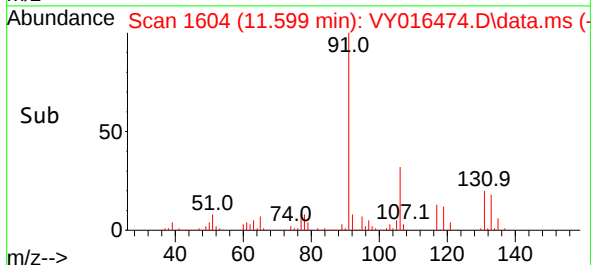
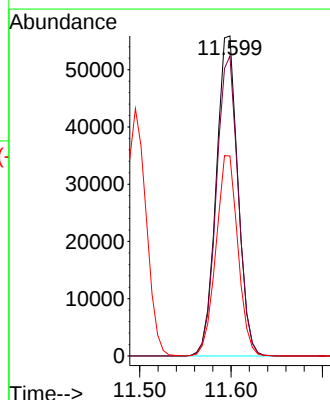
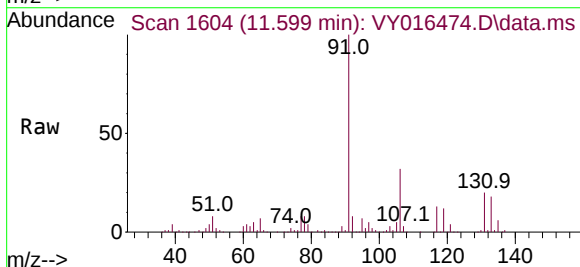
Instrument :
MSVOA_Y
ClientSampleId :

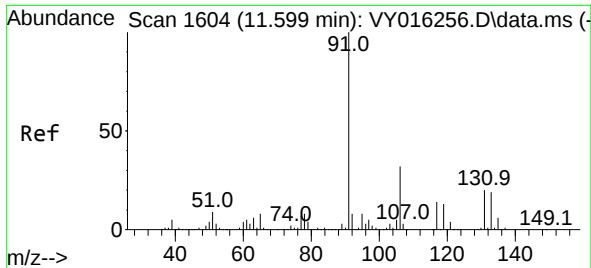
Tgt Ion:112 Resp: 240723
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 55.377 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.001 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Tgt Ion:131 Resp: 92193
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.6
119 63.4 31.6 94.7

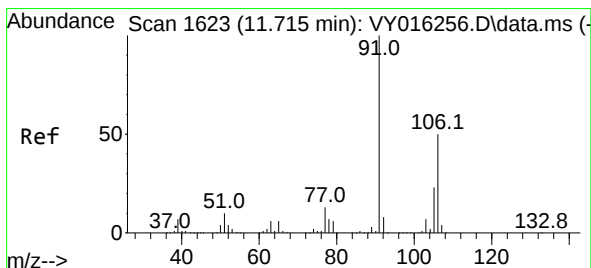
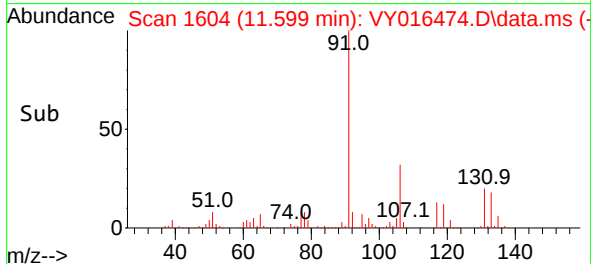
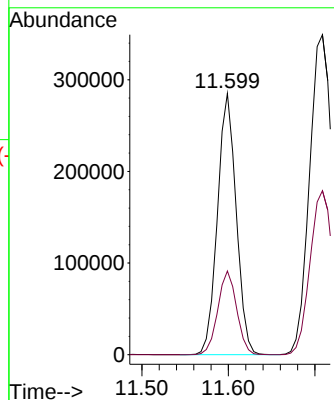
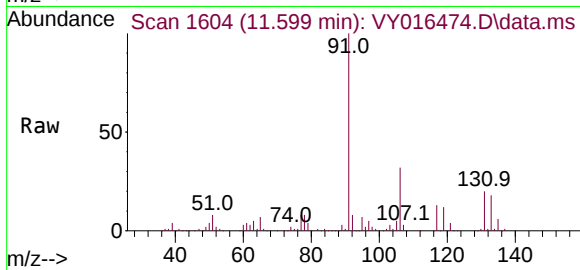




#67
Ethyl Benzene
Concen: 52.724 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.001 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

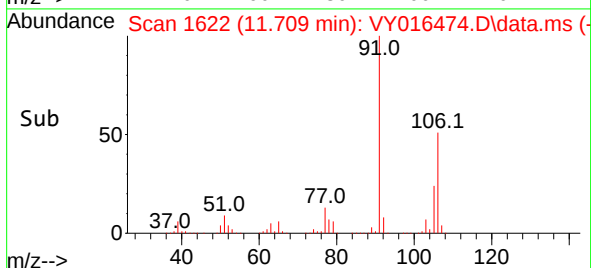
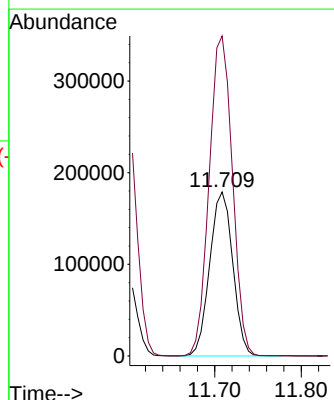
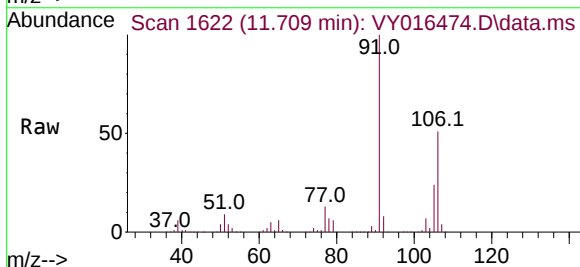
Instrument :
MSVOA_Y
ClientSampleId :

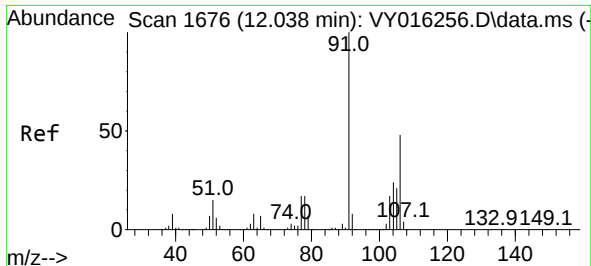
Tgt Ion: 91 Resp: 427702
Ion Ratio Lower Upper
91 100
106 32.0 24.6 36.8



#68
m/p-Xylenes
Concen: 107.389 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.007 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Tgt Ion:106 Resp: 330417
Ion Ratio Lower Upper
106 100
91 196.8 166.1 249.1

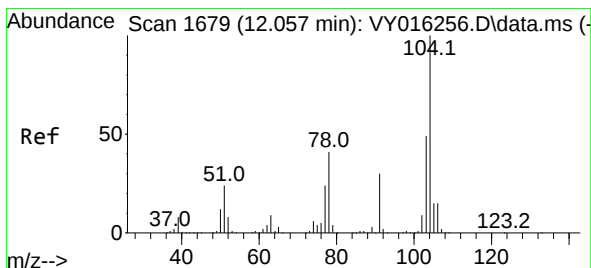
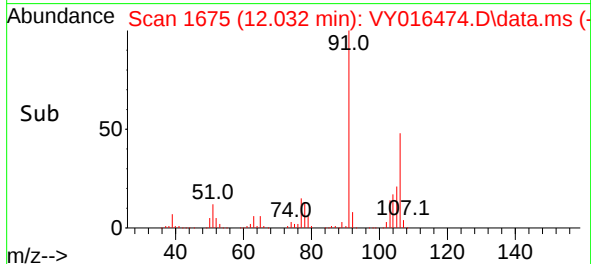
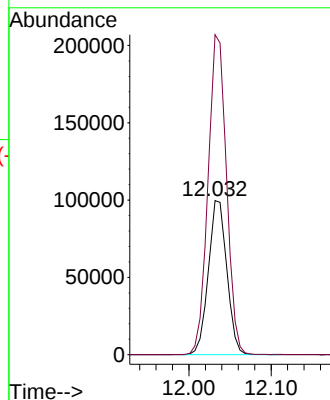
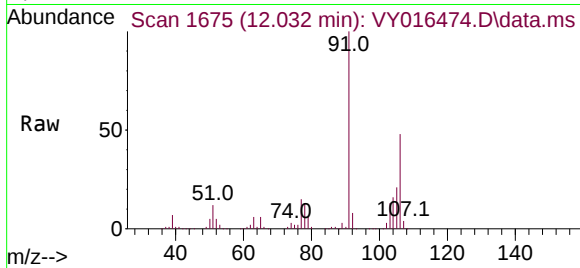




#69
o-Xylene
Concen: 54.556 ug/l
RT: 12.032 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

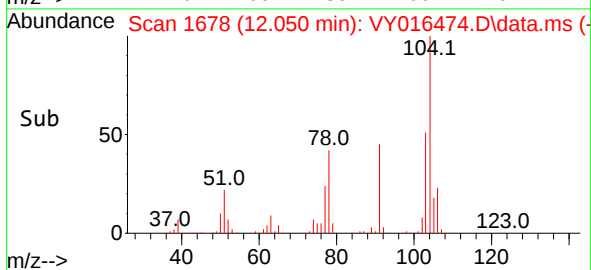
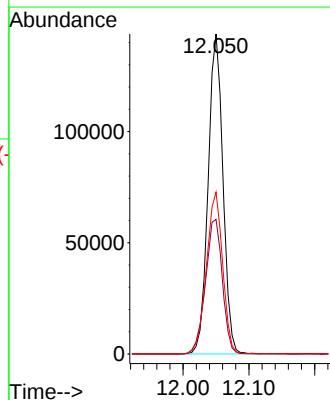
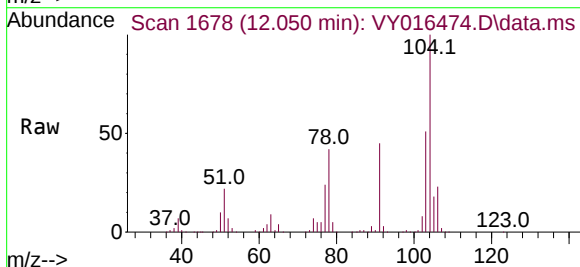
Instrument :
MSVOA_Y
ClientSampleId :

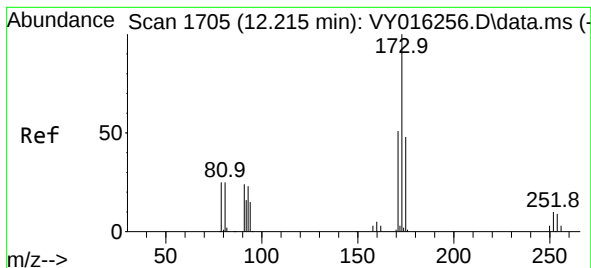
Tgt Ion:106 Resp: 155849
Ion Ratio Lower Upper
106 100
91 207.1 108.1 324.3



#70
Styrene
Concen: 55.196 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.007 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Tgt Ion:104 Resp: 225780
Ion Ratio Lower Upper
104 100
78 47.9 41.5 62.3
103 55.4 44.6 67.0





#71

Bromoform

Concen: 56.750 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.001 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

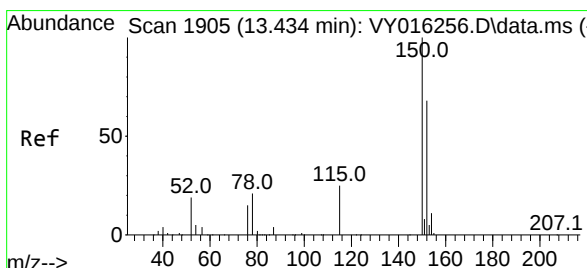
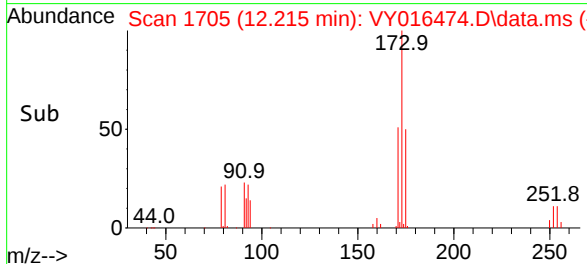
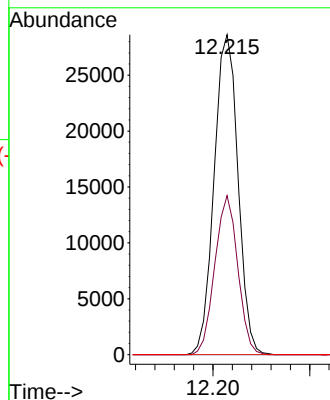
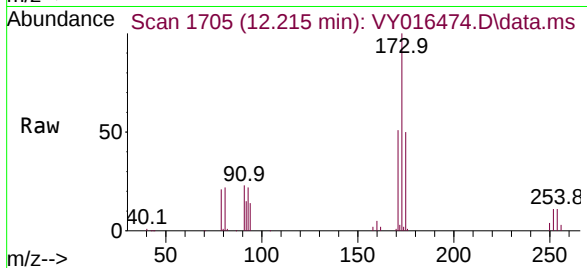
Tgt Ion:173 Resp: 49024

Ion Ratio Lower Upper

173 100

175 47.7 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.001 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

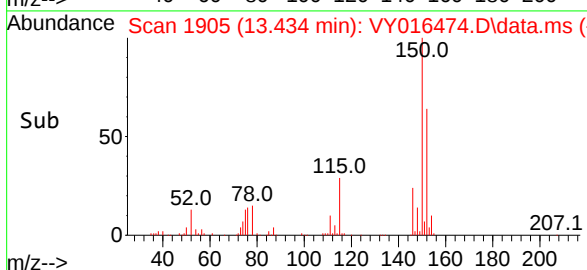
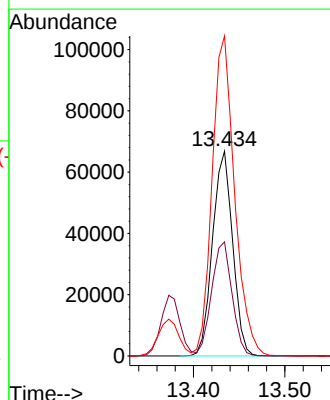
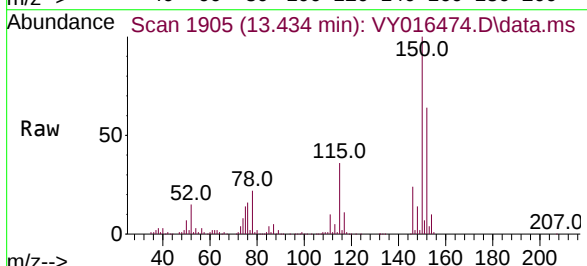
Tgt Ion:152 Resp: 102079

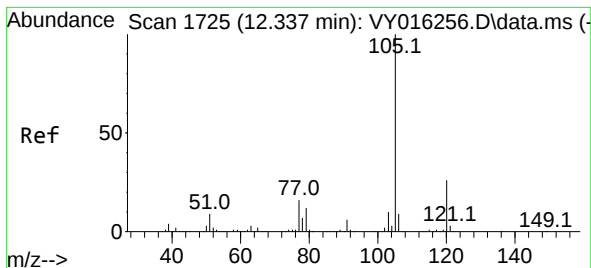
Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.5

150 174.7 0.0 348.8





#73

Isopropylbenzene

Concen: 51.353 ug/l

RT: 12.336 min Scan# 1725

Delta R.T. -0.001 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

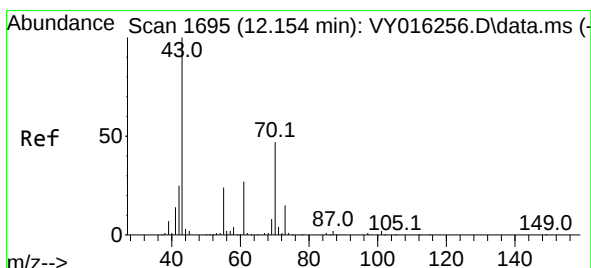
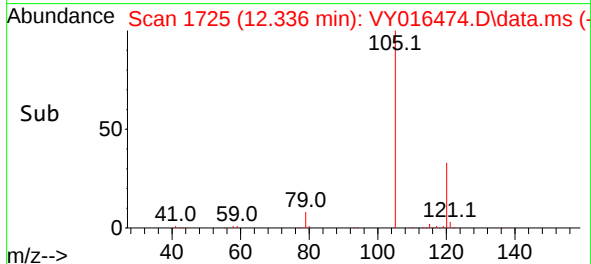
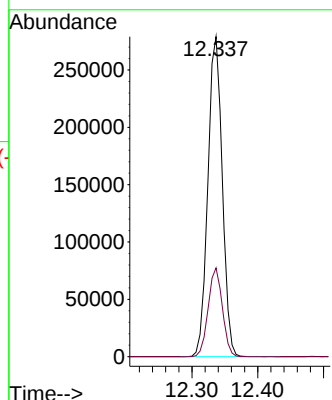
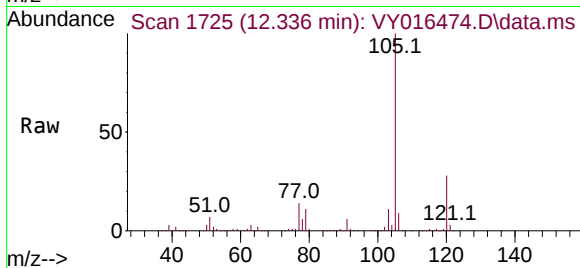
ClientSampleId :

Tgt Ion:105 Resp: 424490

Ion Ratio Lower Upper

105 100

120 27.3 13.3 39.9



#74

N-ethyl acetate

Concen: 39.913 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.007 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Tgt Ion: 43 Resp: 66271

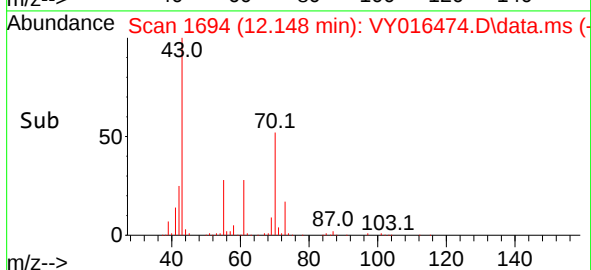
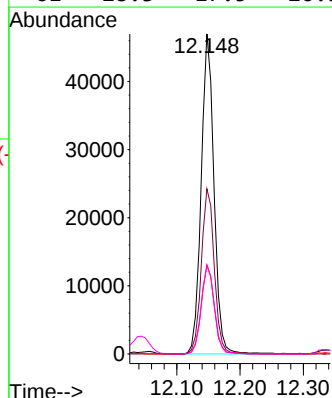
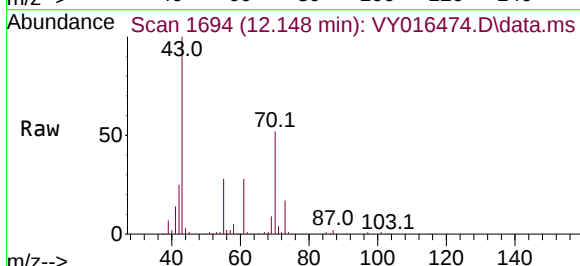
Ion Ratio Lower Upper

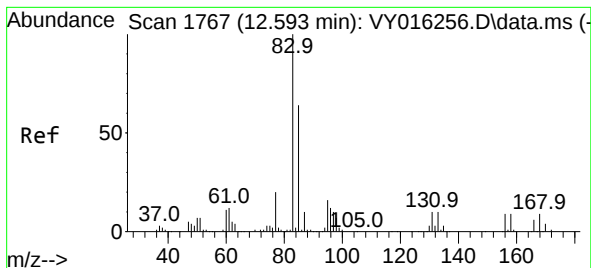
43 100

70 52.5 29.7 44.5#

55 28.3 18.3 27.5#

61 28.3 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 46.577 ug/l

RT: 12.586 min Scan# 1766

Delta R.T. -0.007 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

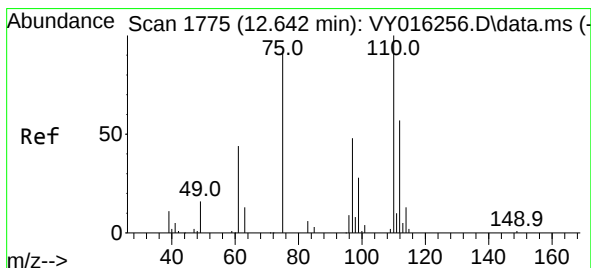
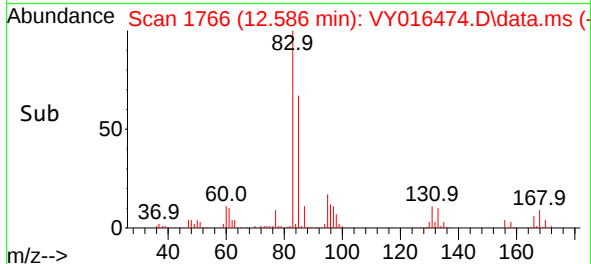
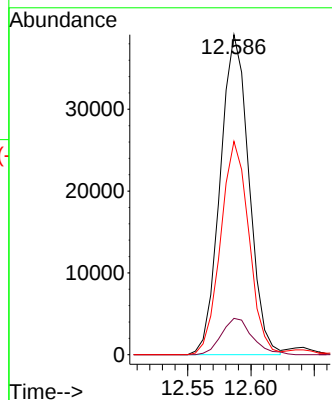
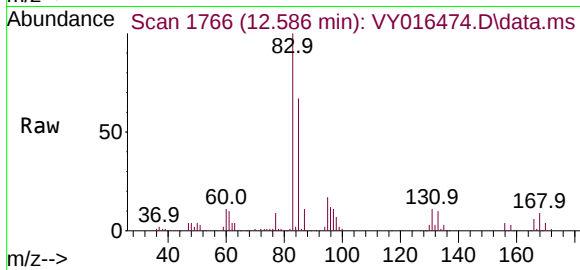
Tgt Ion: 83 Resp: 61780

Ion Ratio Lower Upper

83 100

131 12.2 5.4 16.2

85 65.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 84.833 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.007 min

Lab File: VY016474.D

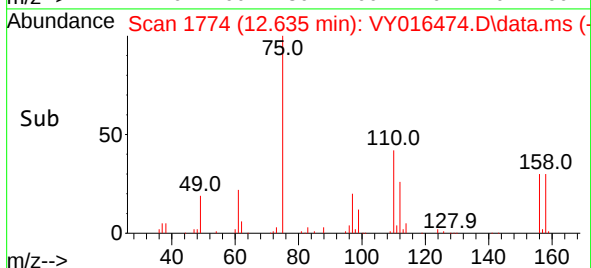
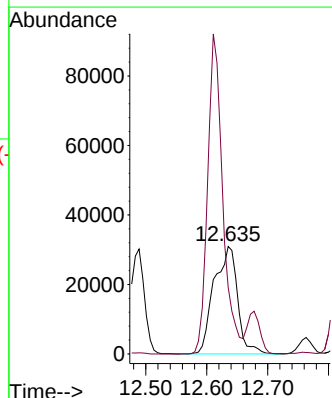
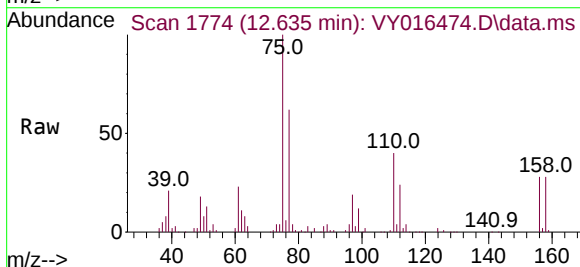
Acq: 24 Nov 2023 09:42

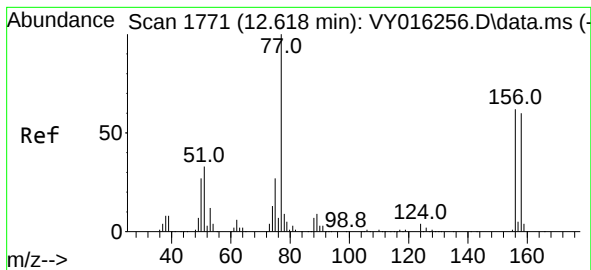
Tgt Ion: 75 Resp: 83071

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.307 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.001 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

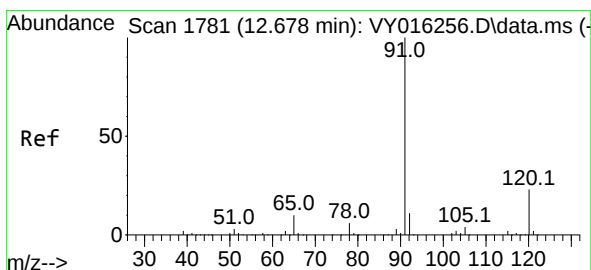
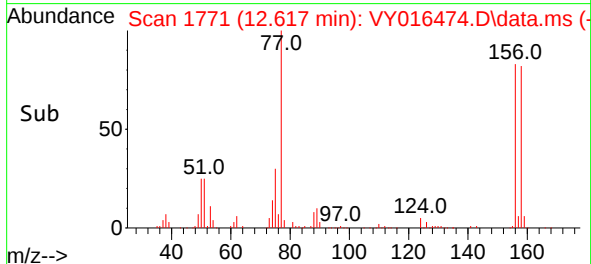
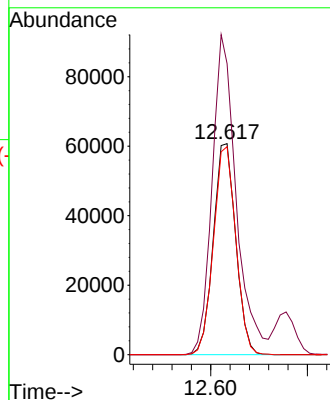
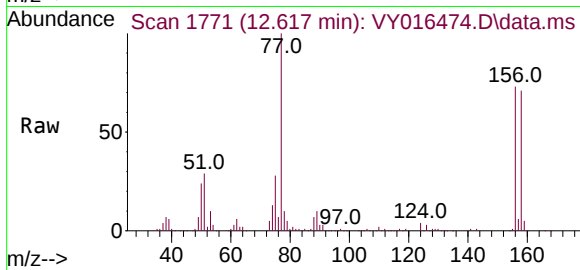
Tgt Ion:156 Resp: 97722

Ion Ratio Lower Upper

156 100

77 163.3 92.8 278.6

158 98.2 48.4 145.3



#78

n-propylbenzene

Concen: 49.816 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.001 min

Lab File: VY016474.D

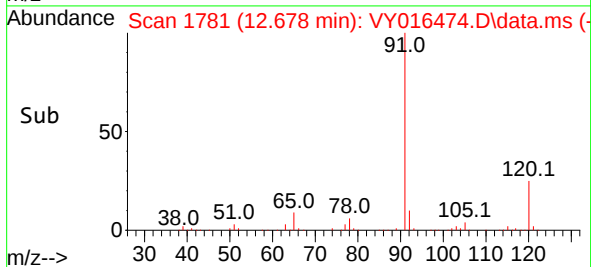
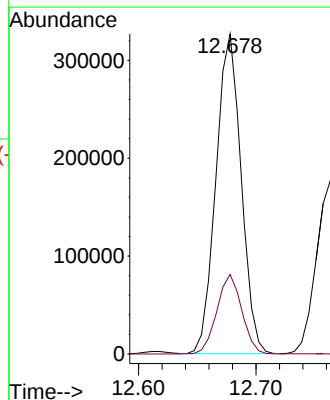
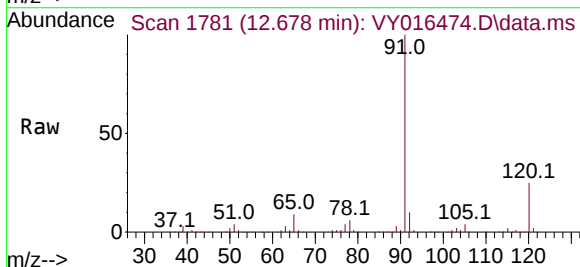
Acq: 24 Nov 2023 09:42

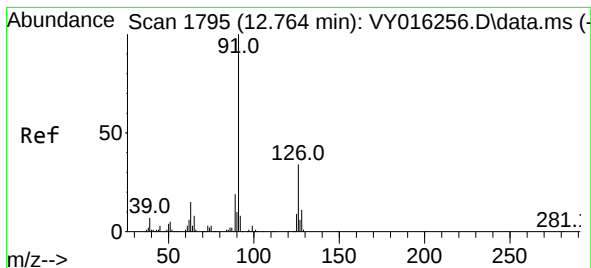
Tgt Ion: 91 Resp: 486647

Ion Ratio Lower Upper

91 100

120 24.5 11.5 34.4

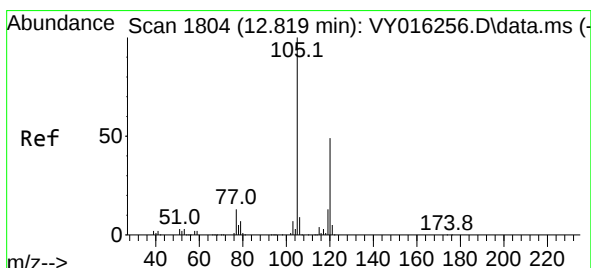
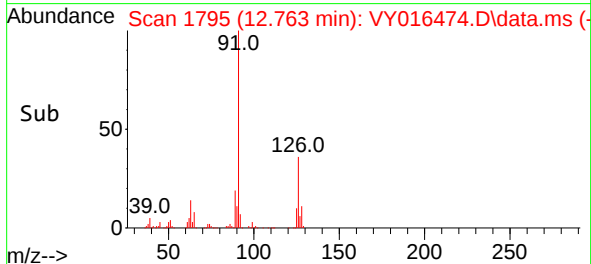
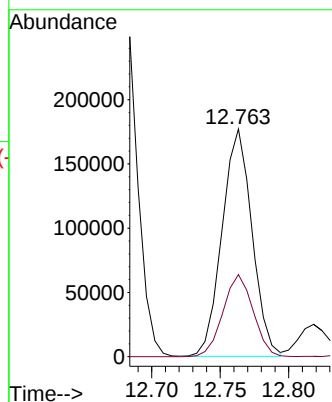
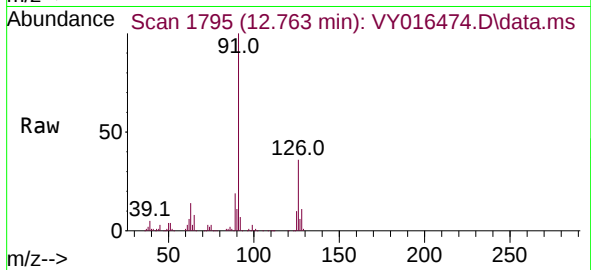




#79
2-Chlorotoluene
Concen: 50.047 ug/l
RT: 12.763 min Scan# 1795
Delta R.T. -0.001 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

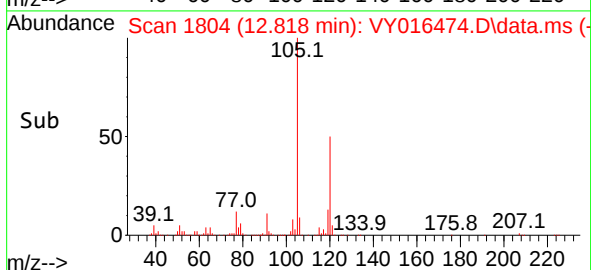
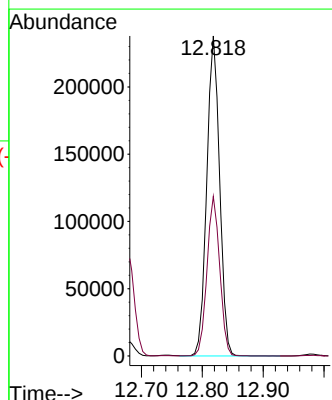
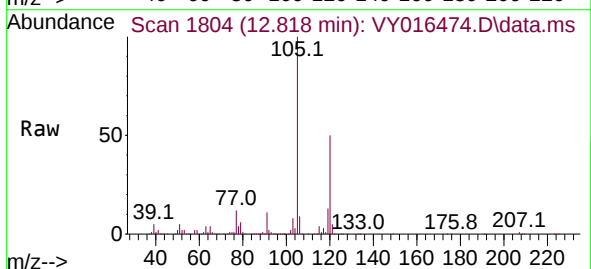
Instrument :
MSVOA_Y
ClientSampleId :

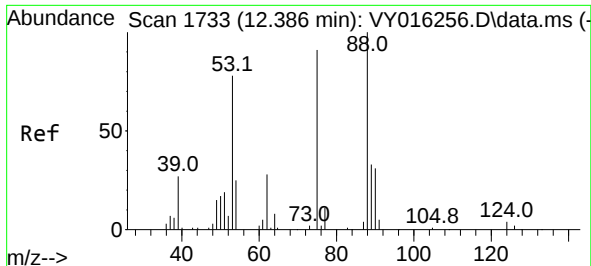
Tgt Ion: 91 Resp: 269433
Ion Ratio Lower Upper
91 100
126 36.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 52.299 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.001 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Tgt Ion: 105 Resp: 348551
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7

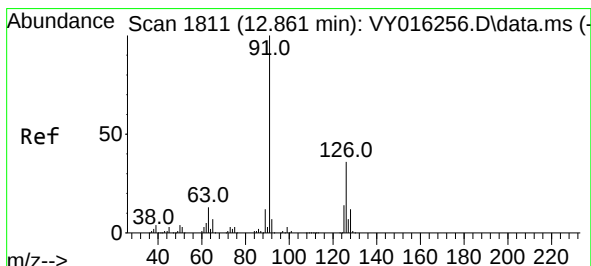
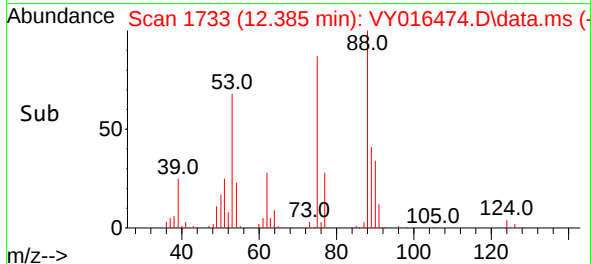
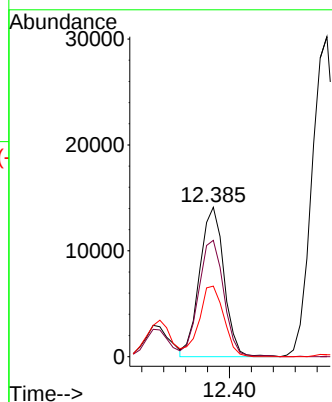
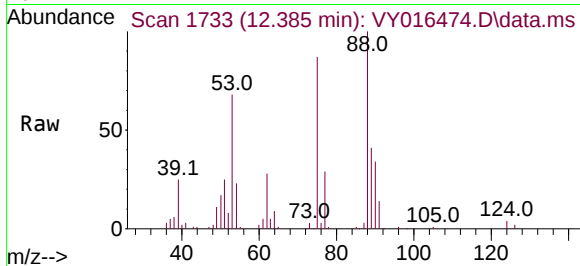




#81
trans-1,4-Dichloro-2-butene
Concen: 48.280 ug/l
RT: 12.385 min Scan# 1733
Delta R.T. -0.001 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

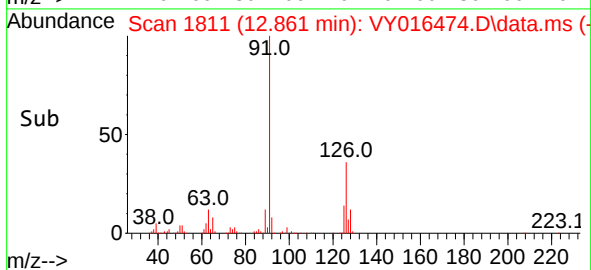
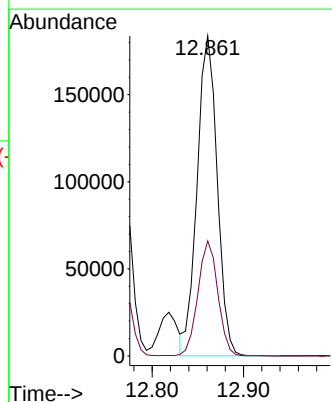
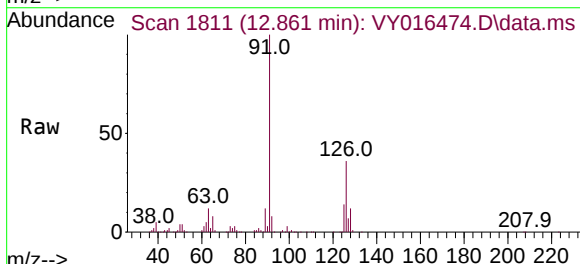
Instrument :
MSVOA_Y
ClientSampleId :

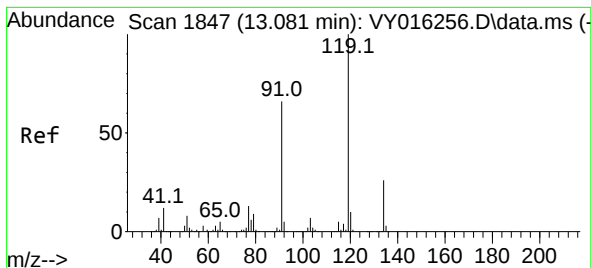
Tgt Ion: 75 Resp: 21781
Ion Ratio Lower Upper
75 100
53 80.3 77.8 116.8
89 48.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.490 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.001 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Tgt Ion: 91 Resp: 280870
Ion Ratio Lower Upper
91 100
126 35.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 52.237 ug/l

RT: 13.080 min Scan# 1847

Delta R.T. -0.001 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

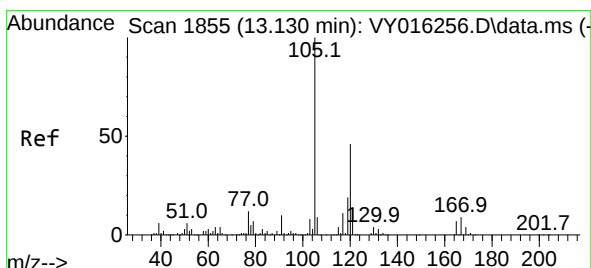
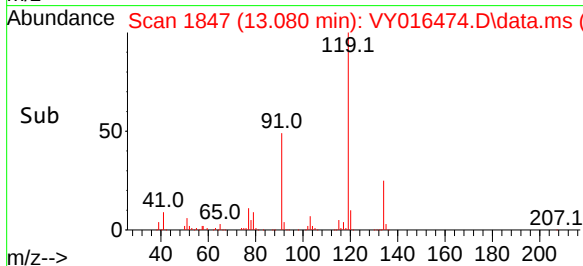
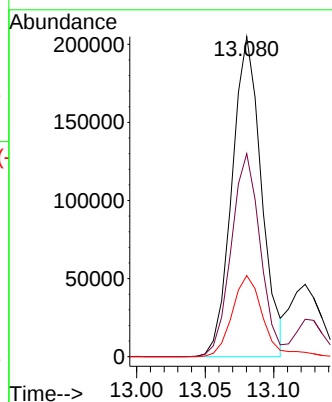
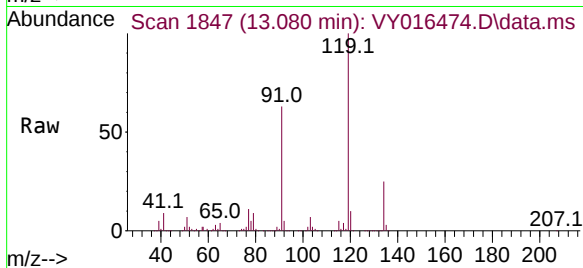
Tgt Ion:119 Resp: 306641

Ion Ratio Lower Upper

119 100

91 62.3 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.168 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.001 min

Lab File: VY016474.D

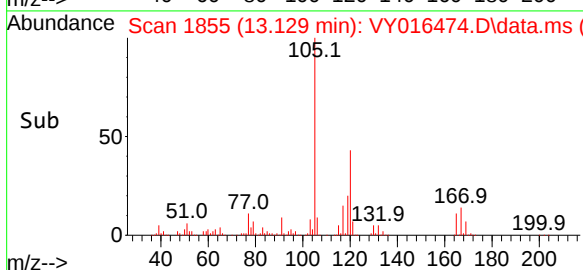
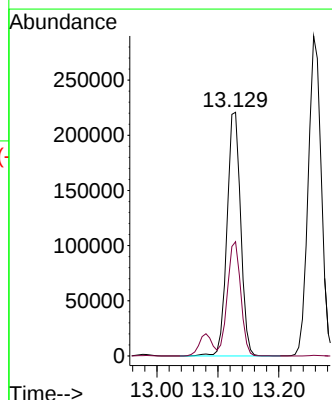
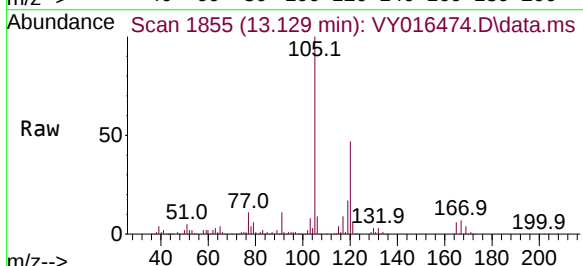
Acq: 24 Nov 2023 09:42

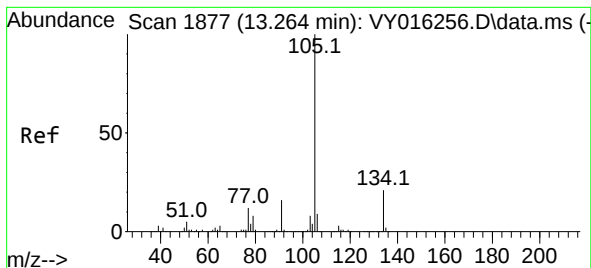
Tgt Ion:105 Resp: 342341

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.329 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.007 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

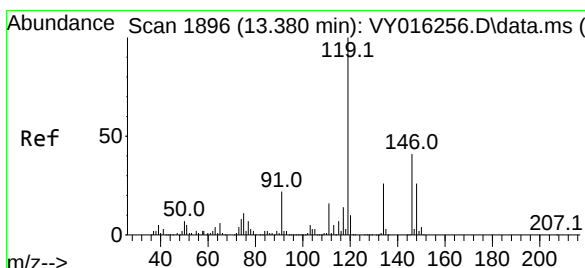
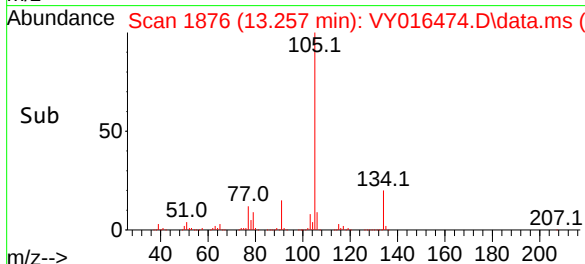
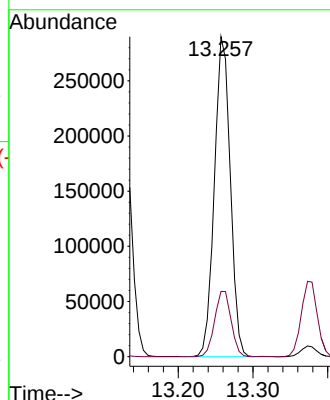
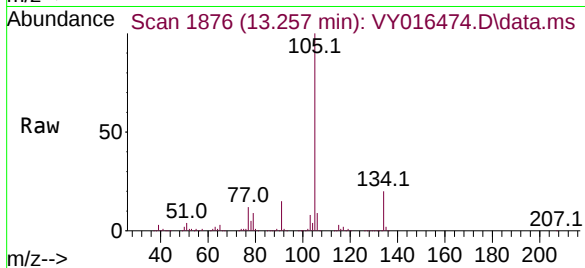
ClientSampleId :

Tgt Ion:105 Resp: 430470

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 53.043 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.007 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

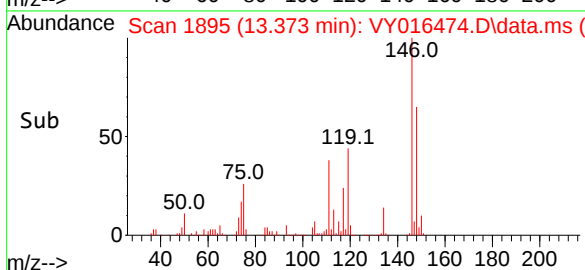
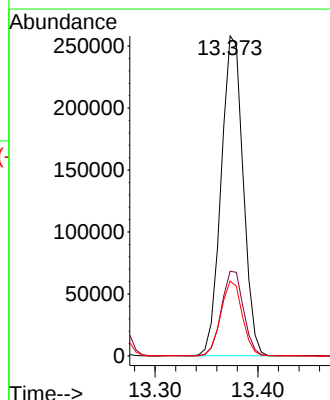
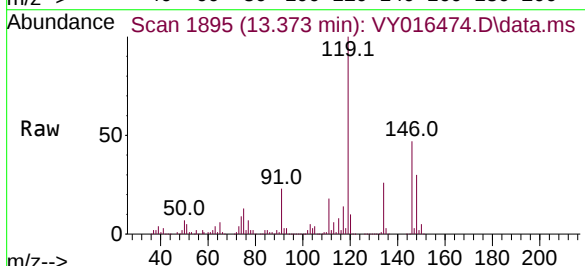
Tgt Ion:119 Resp: 383041

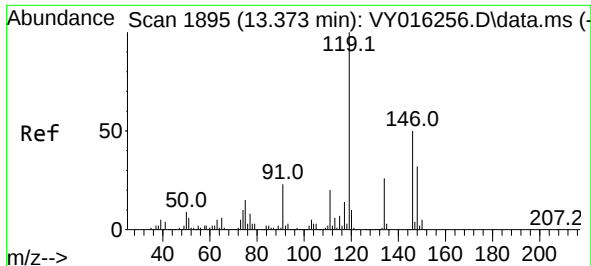
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 22.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 52.380 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.001 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

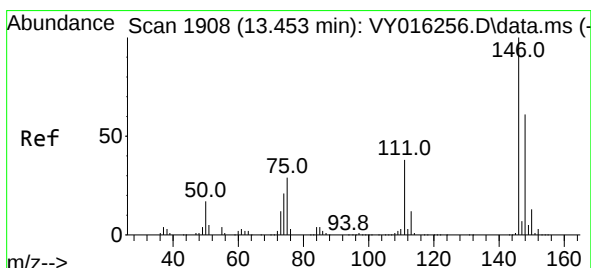
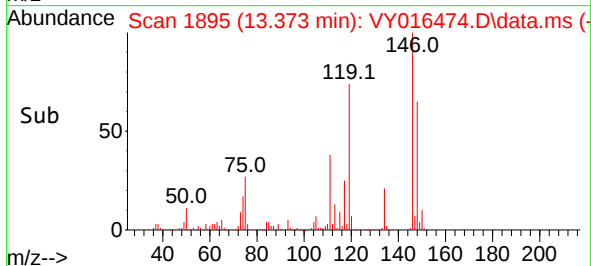
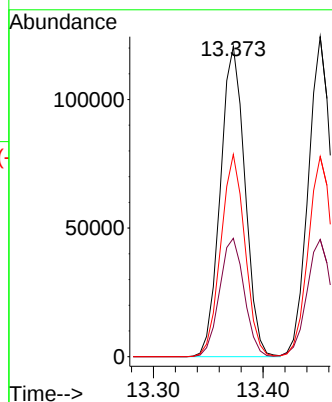
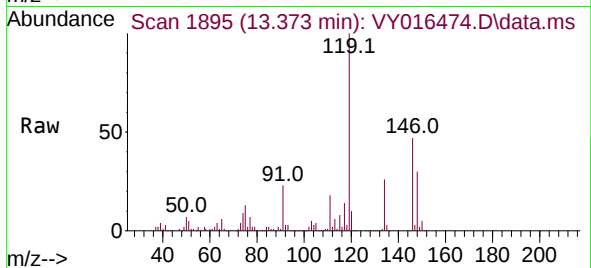
Tgt Ion:146 Resp: 188268

Ion Ratio Lower Upper

146 100

111 38.2 19.4 58.2

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 53.007 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.001 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

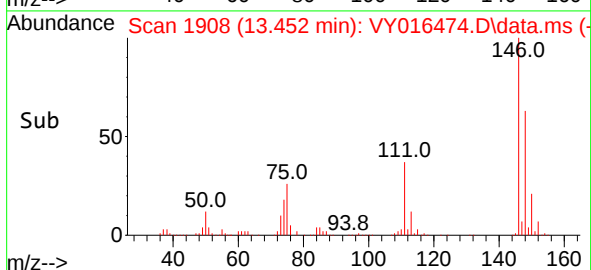
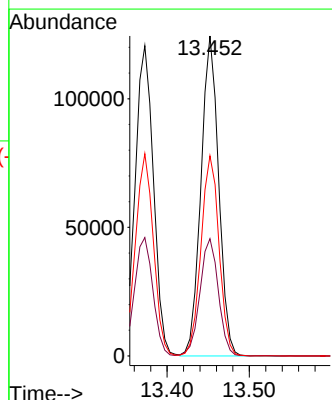
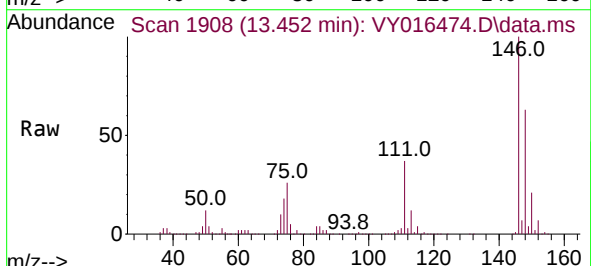
Tgt Ion:146 Resp: 186195

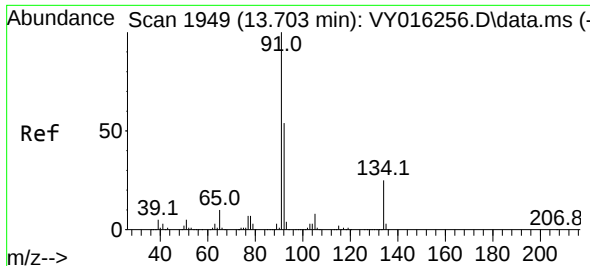
Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.7

148 63.8 32.1 96.5

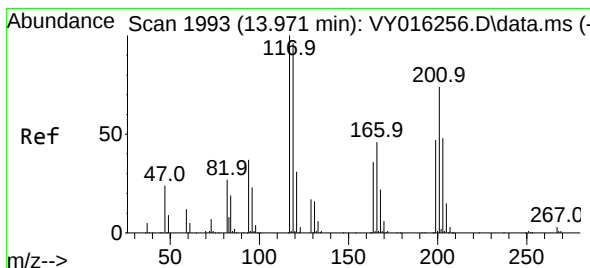
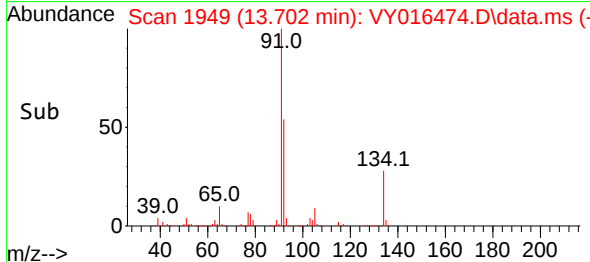
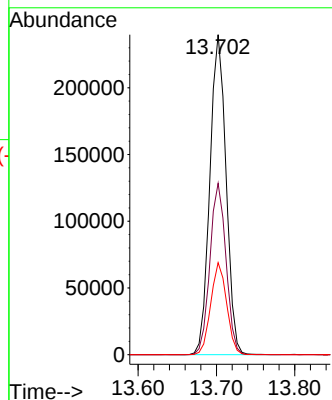
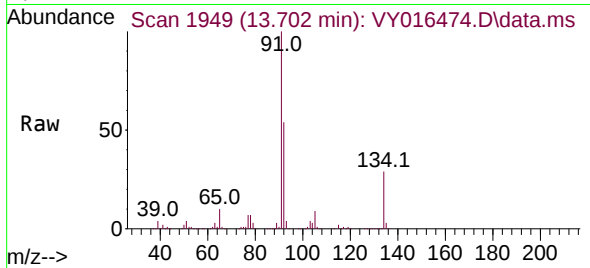




#89
n-Butylbenzene
Concen: 51.553 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. -0.001 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

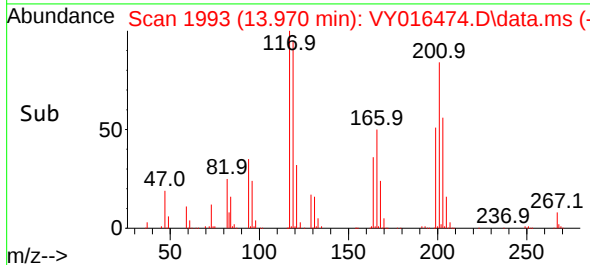
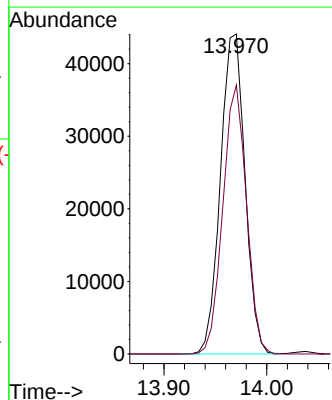
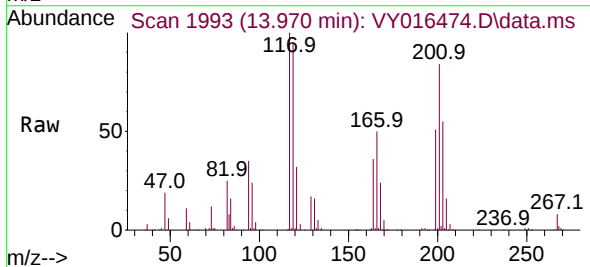
Instrument :
MSVOA_Y
ClientSampleId :

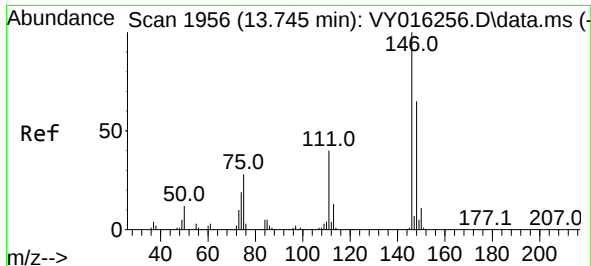
Tgt Ion: 91 Resp: 343807
Ion Ratio Lower Upper
91 100
92 53.2 25.4 76.0
134 28.2 12.6 37.6



#90
Hexachloroethane
Concen: 52.548 ug/l
RT: 13.970 min Scan# 1993
Delta R.T. -0.001 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Tgt Ion: 117 Resp: 73200
Ion Ratio Lower Upper
117 100
201 80.5 41.6 124.8

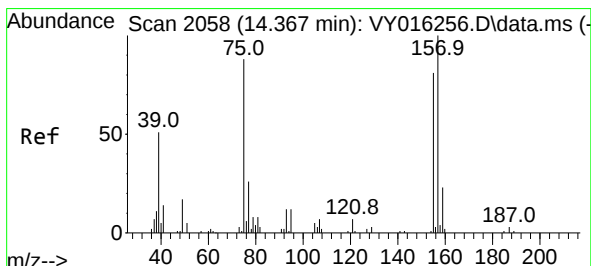
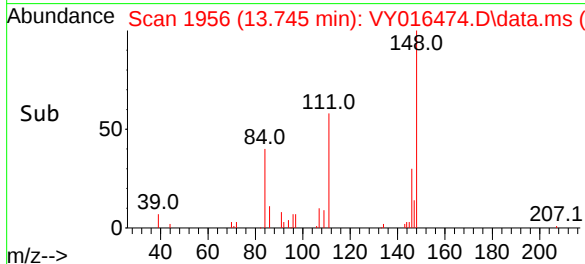
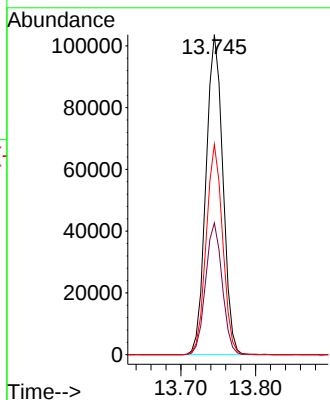
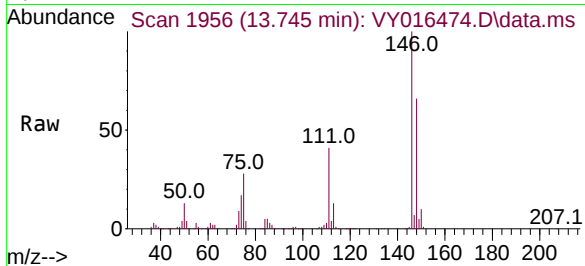




#91
1,2-Dichlorobenzene
Concen: 52.755 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.001 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

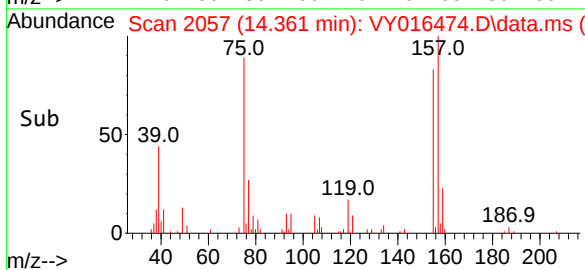
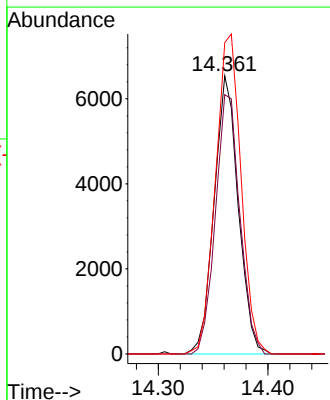
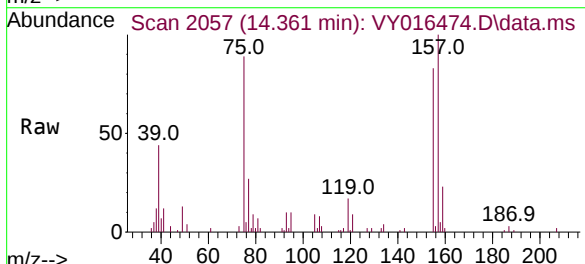
Instrument :
MSVOA_Y
ClientSampleId :

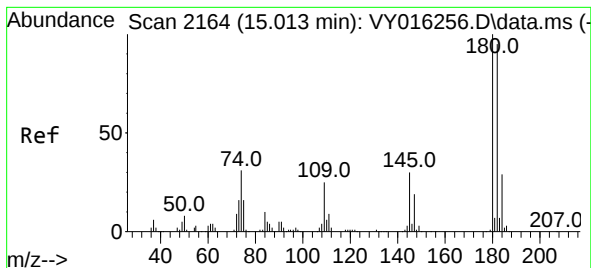
Tgt Ion:146 Resp: 162484
Ion Ratio Lower Upper
146 100
111 40.5 19.7 59.0
148 64.0 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.405 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.007 min
Lab File: VY016474.D
Acq: 24 Nov 2023 09:42

Tgt Ion: 75 Resp: 10004
Ion Ratio Lower Upper
75 100
155 94.5 41.5 124.6
157 121.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 57.554 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.001 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

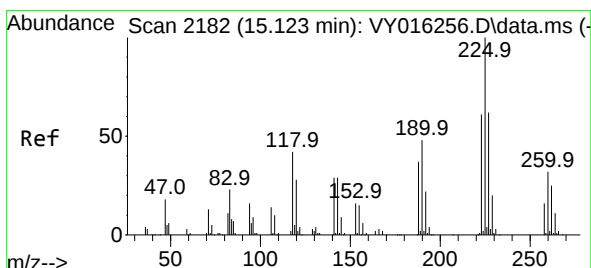
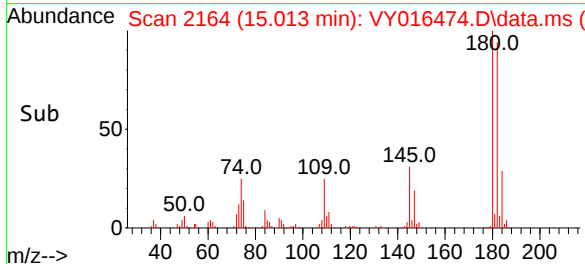
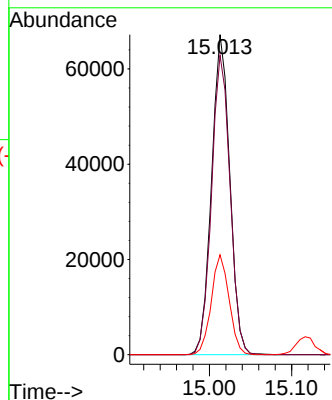
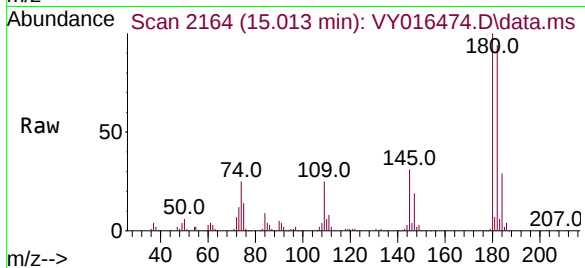
Tgt Ion:180 Resp: 103470

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 30.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 60.287 ug/l

RT: 15.116 min Scan# 2181

Delta R.T. -0.007 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

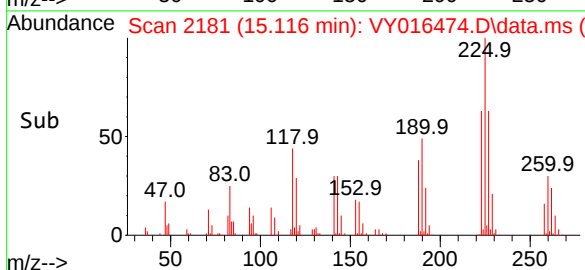
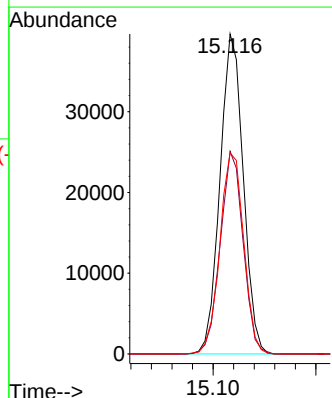
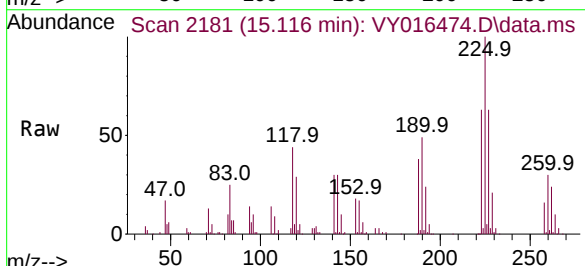
Tgt Ion:225 Resp: 62093

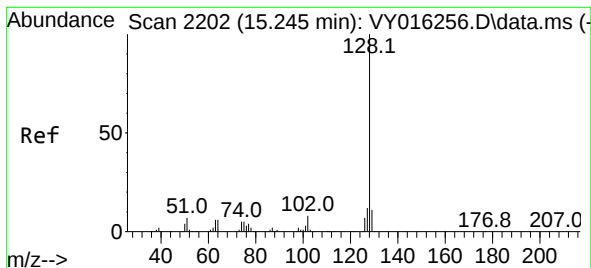
Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.9

227 64.5 33.0 98.9





#95

Naphthalene

Concen: 55.715 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.001 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

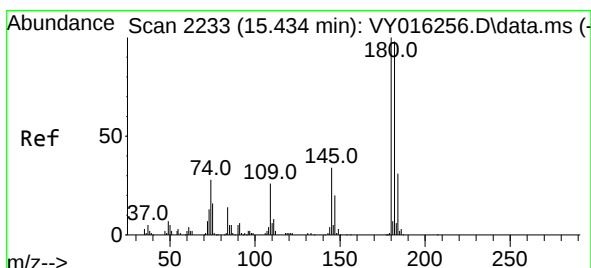
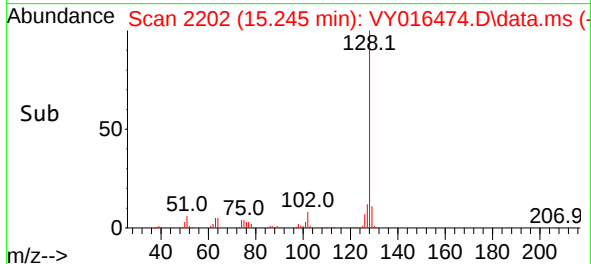
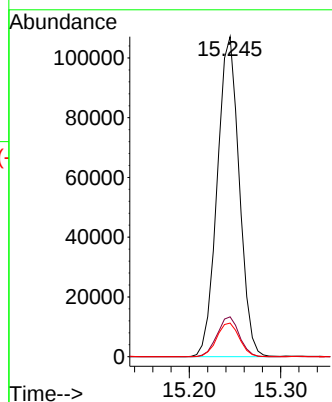
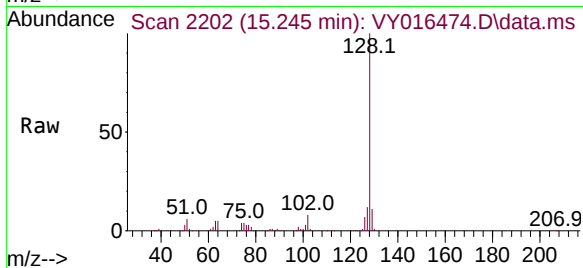
Tgt Ion:128 Resp: 179142

Ion Ratio Lower Upper

128 100

127 12.5 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 57.740 ug/l

RT: 15.427 min Scan# 2232

Delta R.T. -0.007 min

Lab File: VY016474.D

Acq: 24 Nov 2023 09:42

Tgt Ion:180 Resp: 85858

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.8

145 31.5 15.4 46.2

