

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016472.D
 Acq On : 22 Nov 2023 19:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:10:12 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	7.795	168	139242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	222575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	200527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	96977	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.149	65	65781	51.690	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.380%	
35) Dibromofluoromethane	7.728	113	71967	56.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.840%	
50) Toluene-d8	10.185	98	268254	52.319	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.640%	
62) 4-Bromofluorobenzene	12.489	95	92798	55.726	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.460%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.906	85	65799	48.260	ug/l	97
3) Chloromethane	2.119	50	73169	45.823	ug/l	99
4) Vinyl Chloride	2.253	62	79363	46.222	ug/l	98
5) Bromomethane	2.656	94	58952	52.244	ug/l	98
6) Chloroethane	2.802	64	52087	47.541	ug/l	95
7) Trichlorofluoromethane	3.131	101	133896	53.600	ug/l	99
8) Diethyl Ether	3.540	74	39083	52.348	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.905	101	76402	50.780	ug/l	96
10) Methyl Iodide	4.101	142	91289	56.179	ug/l	99
11) Tert butyl alcohol	4.972	59	23480	235.611	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	72880	51.795	ug/l	84
13) Acrolein	3.735	56	21208	176.435	ug/l	98
14) Allyl chloride	4.491	41	90509	45.328	ug/l #	89
15) Acrylonitrile	5.174	53	74039	249.888	ug/l	97
16) Acetone	3.954	43	50544	240.106	ug/l #	86
17) Carbon Disulfide	4.204	76	216768	51.058	ug/l	97
18) Methyl Acetate	4.485	43	55277	49.418	ug/l #	84
19) Methyl tert-butyl Ether	5.234	73	176814	51.918	ug/l	99
20) Methylene Chloride	4.728	84	90598	61.740	ug/l #	83
21) trans-1,2-Dichloroethene	5.234	96	86677	53.501	ug/l	90
22) Diisopropyl ether	6.131	45	201187	46.752	ug/l #	86
23) Vinyl Acetate	6.070	43	473679	227.171	ug/l #	89
24) 1,1-Dichloroethane	6.027	63	134390	50.622	ug/l	95
25) 2-Butanone	6.990	43	84387	228.869	ug/l #	88
26) 2,2-Dichloropropane	6.990	77	118585	49.079	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	95265	54.563	ug/l	86
28) Bromochloromethane	7.344	49	53880	54.838	ug/l #	71
29) Tetrahydrofuran	7.356	42	57349	235.319	ug/l #	80
30) Chloroform	7.515	83	150267	54.379	ug/l	96
31) Cyclohexane	7.795	56	111474	44.491	ug/l #	84
32) 1,1,1-Trichloroethane	7.710	97	137722	54.371	ug/l	95
36) 1,1-Dichloropropene	7.929	75	111016	50.566	ug/l	96
37) Ethyl Acetate	7.082	43	41391	46.660	ug/l #	91
38) Carbon Tetrachloride	7.911	117	128401	56.352	ug/l	99
39) Methylcyclohexane	9.191	83	138292	50.551	ug/l	88
40) Benzene	8.173	78	330890	53.644	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	22035	49.265	ug/l	91
42) 1,2-Dichloroethane	8.246	62	86745	54.276	ug/l	90
43) Isopropyl Acetate	8.283	43	78711	45.904	ug/l #	84
44) Trichloroethene	8.947	130	99736	56.261	ug/l	96
45) 1,2-Dichloropropane	9.228	63	77243	52.143	ug/l	99
46) Dibromomethane	9.313	93	44646	55.616	ug/l	100
47) Bromodichloromethane	9.502	83	113465	54.979	ug/l	98
48) Methyl methacrylate	9.301	41	44808	47.283	ug/l #	78
49) 1,4-Dioxane	9.301	88	9669	1134.546	ug/l #	67
51) 4-Methyl-2-Pentanone	10.075	43	201144	231.978	ug/l #	86
52) Toluene	10.252	92	215944	55.383	ug/l	93
53) t-1,3-Dichloropropene	10.471	75	106775	53.370	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	129813	54.325	ug/l #	85
55) 1,1,2-Trichloroethane	10.654	97	62097	56.124	ug/l	94
56) Ethyl methacrylate	10.514	69	57446	55.002	ug/l #	77
57) 1,3-Dichloropropane	10.794	76	103202	54.720	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	193205	272.811	ug/l #	88
59) 2-Hexanone	10.837	43	138916	215.388	ug/l	82
60) Dibromochloromethane	10.990	129	82690	59.757	ug/l	100
61) 1,2-Dibromoethane	11.093	107	60165	57.077	ug/l	100
64) Tetrachloroethene	10.727	164	107131	59.500	ug/l	97
65) Chlorobenzene	11.526	112	231951	54.140	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	89260	56.487	ug/l	99
67) Ethyl Benzene	11.599	91	409735	53.215	ug/l	97
68) m/p-Xylenes	11.709	106	318132	108.935	ug/l	93
69) o-Xylene	12.038	106	149607	55.176	ug/l	95
70) Styrene	12.050	104	219423	56.515	ug/l	97
71) Bromoform	12.215	173	48030	58.577	ug/l #	100
73) Isopropylbenzene	12.337	105	403806	51.421	ug/l	99
74) N-amyl acetate	12.148	43	65806	41.718	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.587	83	61862	49.092	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	83356	89.602	ug/l #	100
77) Bromobenzene	12.617	156	96832	54.557	ug/l	89
78) n-propylbenzene	12.678	91	464325	50.032	ug/l	97
79) 2-Chlorotoluene	12.764	91	261391	51.108	ug/l	96
80) 1,3,5-Trimethylbenzene	12.819	105	331453	52.350	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	20483	47.792	ug/l	88
82) 4-Chlorotoluene	12.861	91	272231	51.511	ug/l	96
83) tert-Butylbenzene	13.081	119	288986	51.819	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	328868	52.751	ug/l	97
85) sec-Butylbenzene	13.257	105	405569	50.904	ug/l	99
86) p-Isopropyltoluene	13.373	119	362624	52.858	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	183358	53.698	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	179904	53.910	ug/l	100
89) n-Butylbenzene	13.702	91	320244	50.547	ug/l	96
90) Hexachloroethane	13.971	117	70803	53.501	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	162320	55.475	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9673	48.248	ug/l	80
93) 1,2,4-Trichlorobenzene	15.013	180	98648	57.759	ug/l	99
94) Hexachlorobutadiene	15.117	225	57240	58.499	ug/l	98
95) Naphthalene	15.245	128	175380	57.414	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	82438	58.357	ug/l	98

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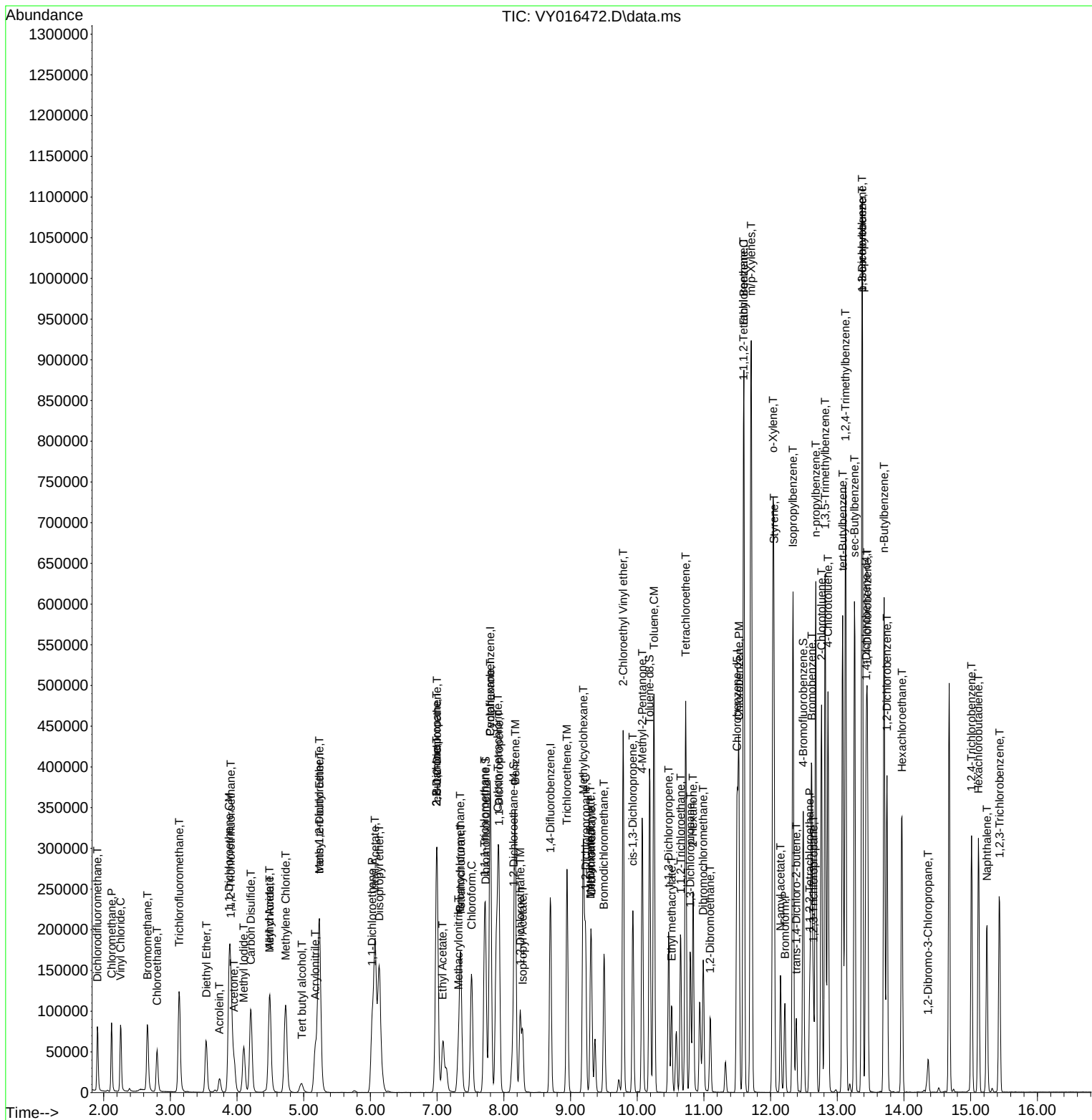
Instrument :
MSVOA_Y
ClientSampleId :

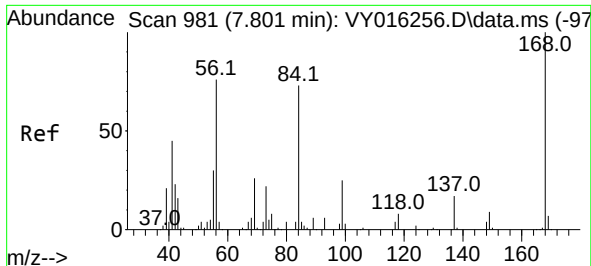
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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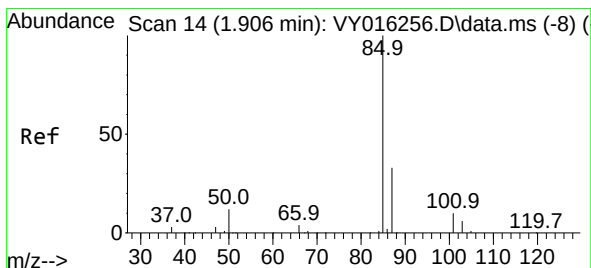
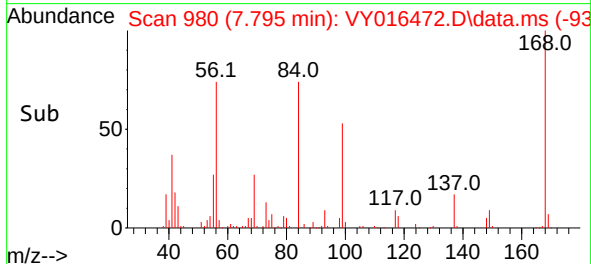
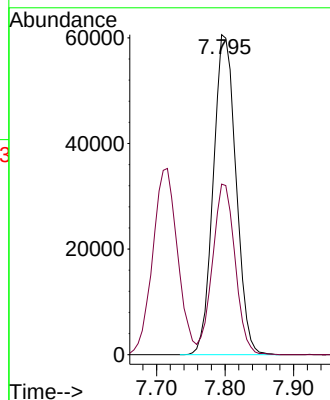
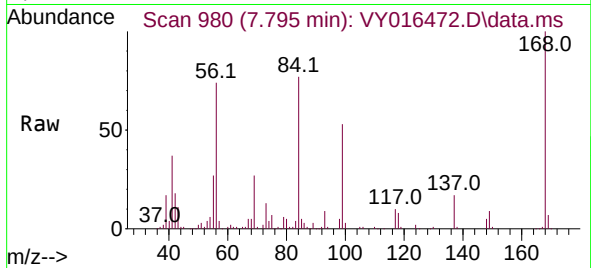




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016472.D
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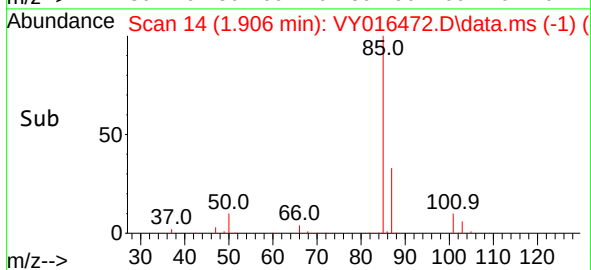
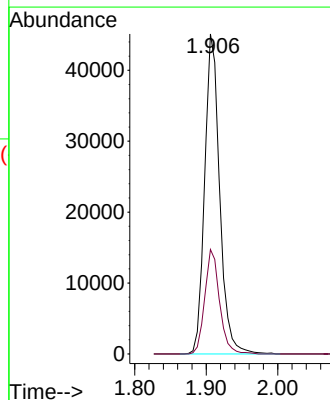
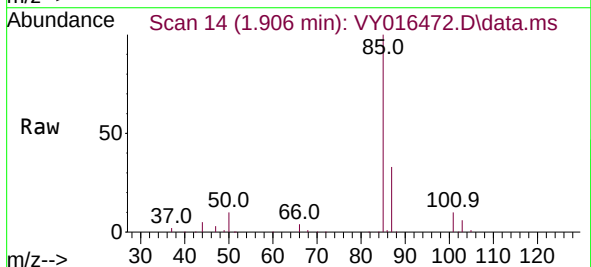
Instrument :
MSVOA_Y
ClientSampleId :

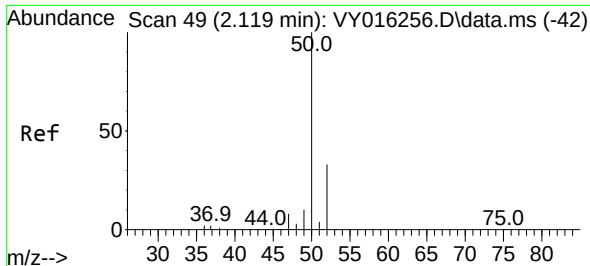
Tgt Ion:168 Resp: 139242
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 48.260 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion: 85 Resp: 65799
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8

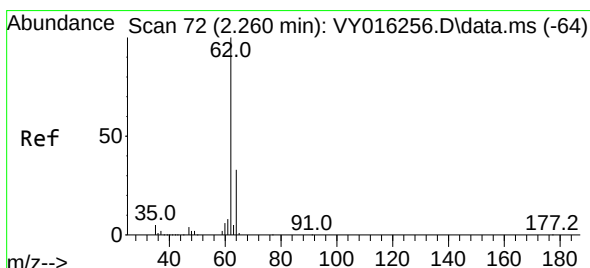
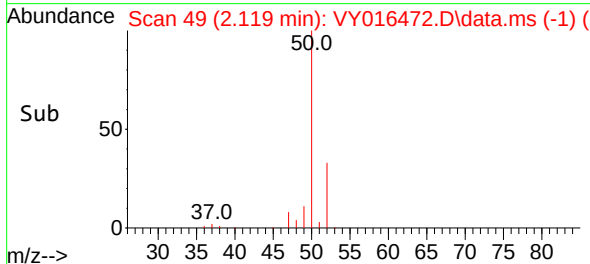
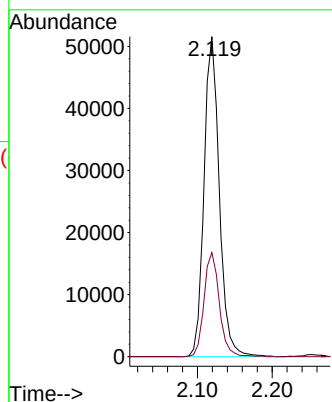
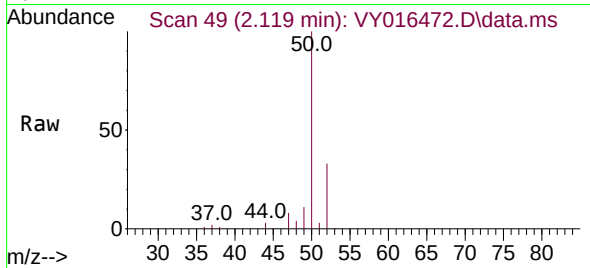




#3
Chloromethane
Concen: 45.823 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

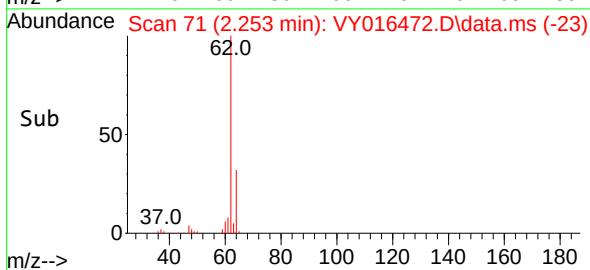
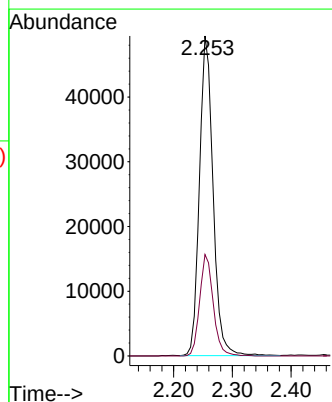
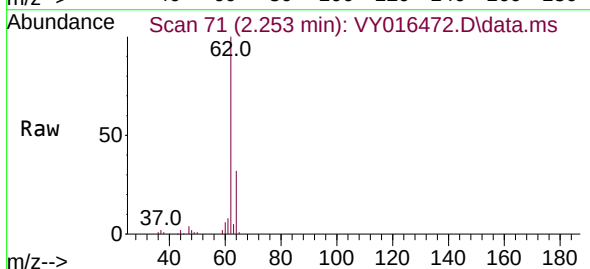
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MSVOA_Y
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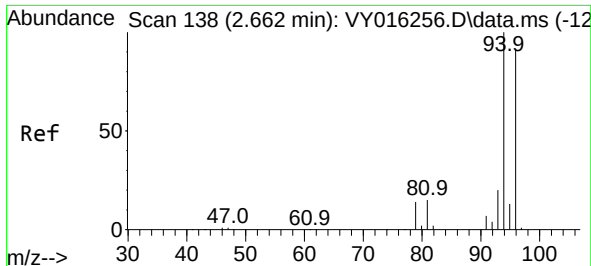
Tgt Ion: 50 Resp: 73169
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2



#4
Vinyl Chloride
Concen: 46.222 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion: 62 Resp: 79363
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5

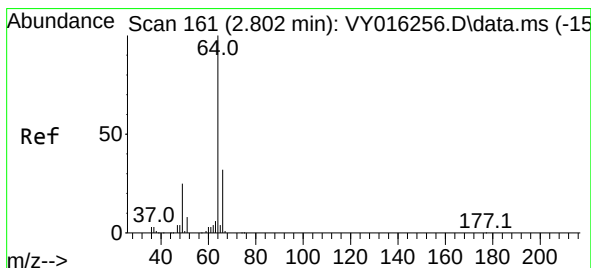
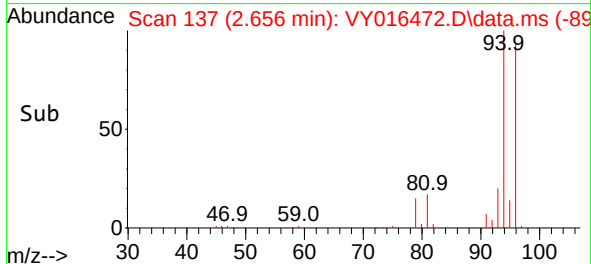
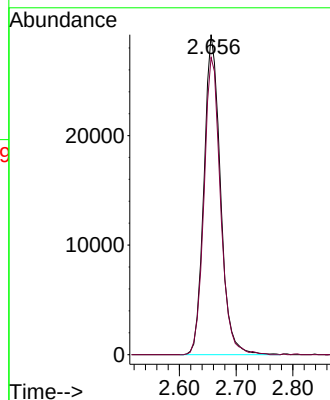
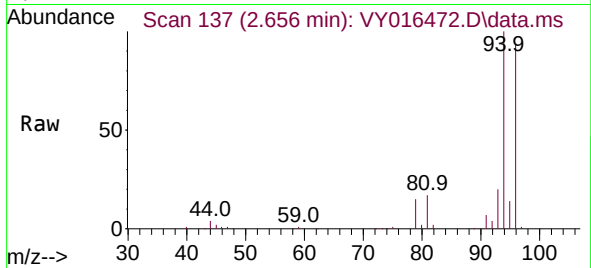




#5
Bromomethane
Concen: 52.244 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

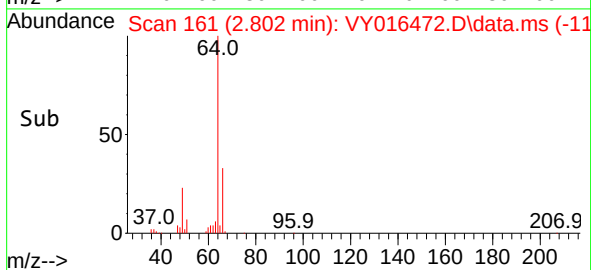
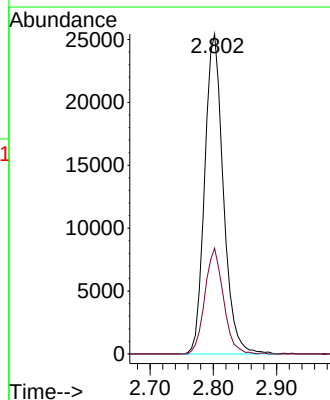
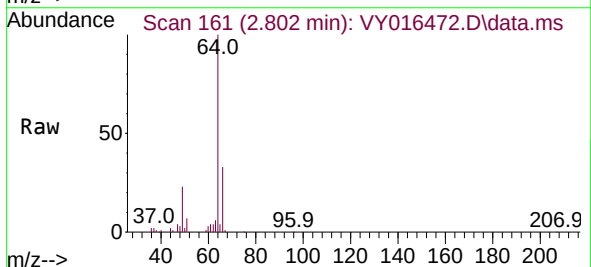
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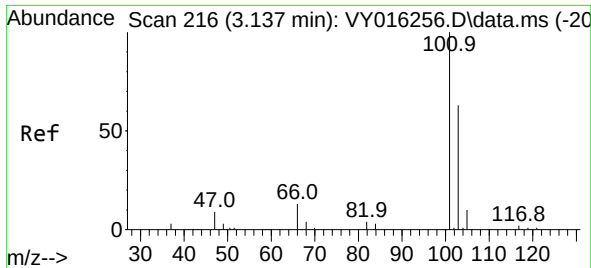
Tgt Ion: 94 Resp: 58952
Ion Ratio Lower Upper
94 100
96 92.9 75.8 113.6



#6
Chloroethane
Concen: 47.541 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion: 64 Resp: 52087
Ion Ratio Lower Upper
64 100
66 33.0 24.4 36.6

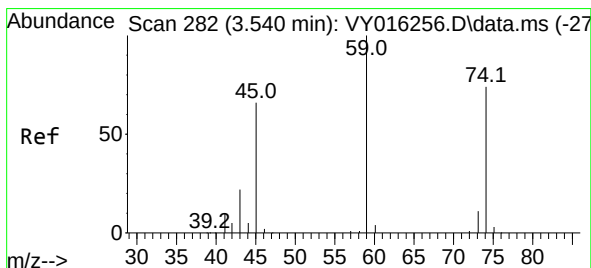
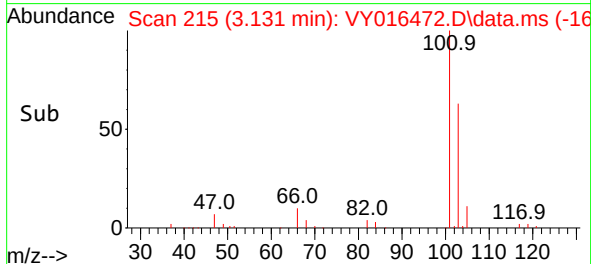
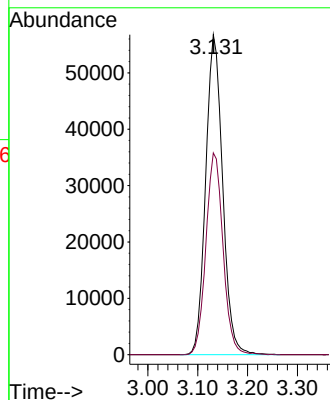
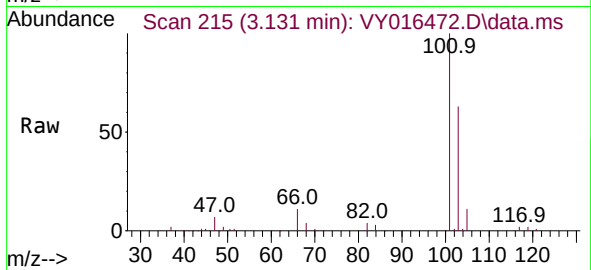




#7
 Trichlorofluoromethane
 Concen: 53.600 ug/l
 RT: 3.131 min Scan# 216
 Delta R.T. -0.006 min
 Lab File: VY016472.D
 Acq: 22 Nov 2023 19:04

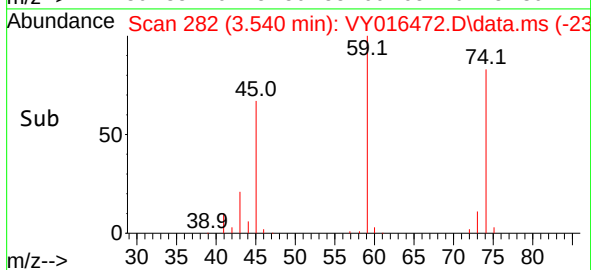
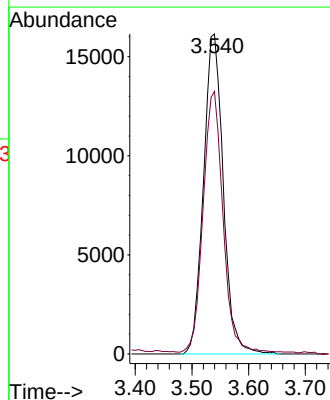
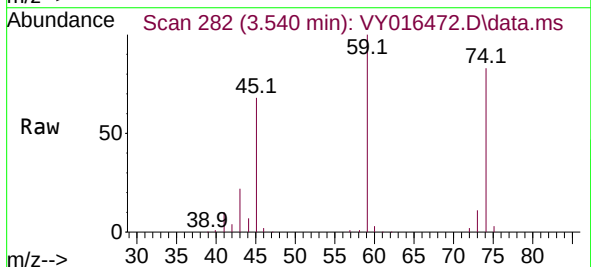
Instrument :
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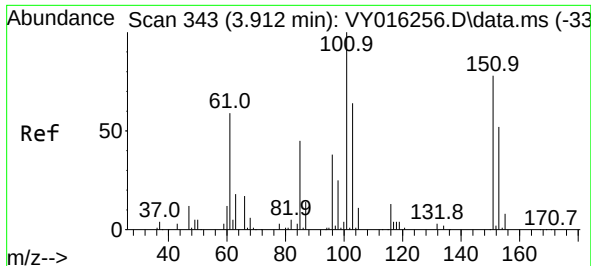
Tgt Ion:101 Resp: 133896
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 52.348 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.000 min
 Lab File: VY016472.D
 Acq: 22 Nov 2023 19:04

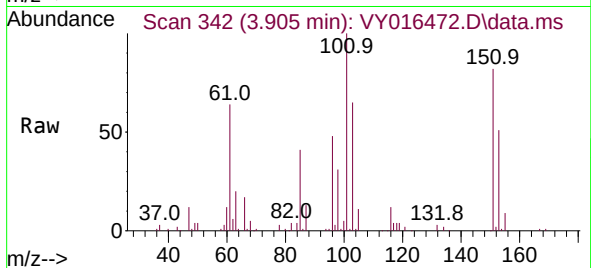
Tgt Ion: 74 Resp: 39083
 Ion Ratio Lower Upper
 74 100
 45 82.2 51.5 154.5



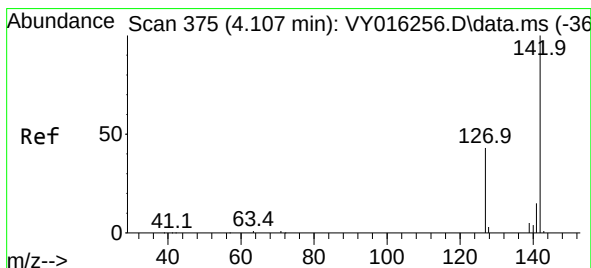
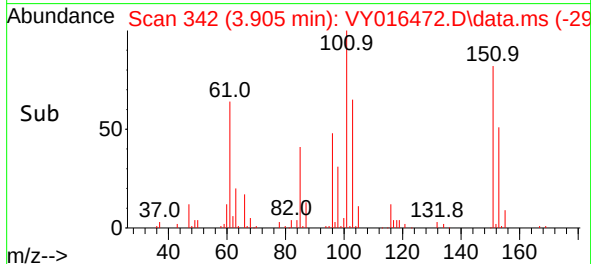
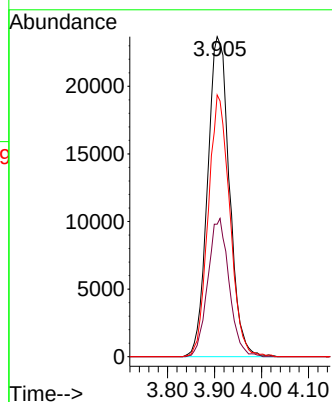


#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.780 ug/l
RT: 3.905 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY016472.D
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ClientSampleId :

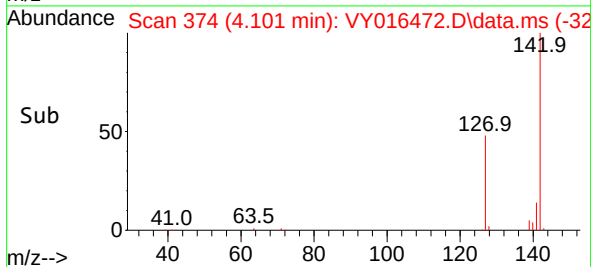
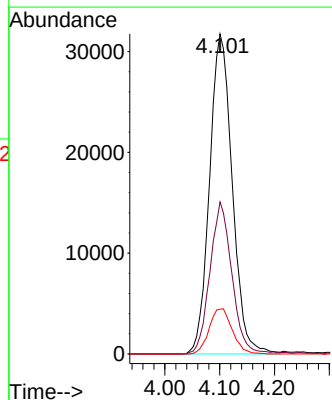
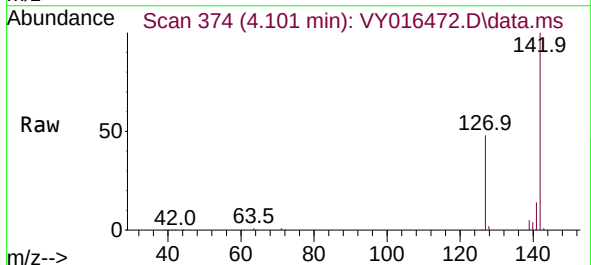


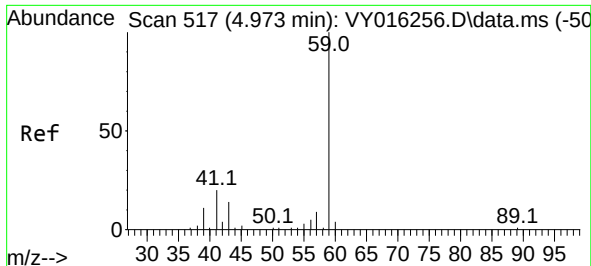
Tgt Ion:101 Resp: 76402
Ion Ratio Lower Upper
101 100
85 42.1 36.6 55.0
151 80.8 67.0 100.6



#10
Methyl Iodide
Concen: 56.179 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

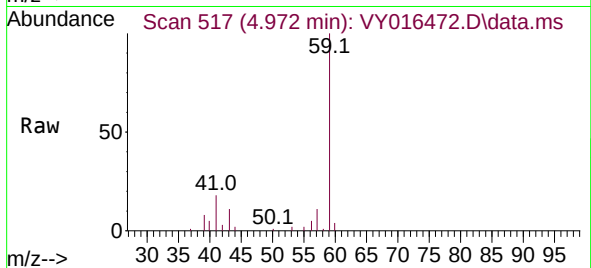
Tgt Ion:142 Resp: 91289
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 14.3 11.8 17.8



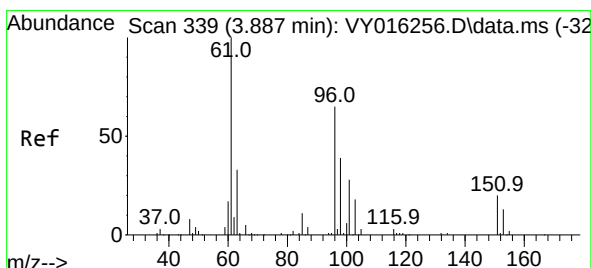
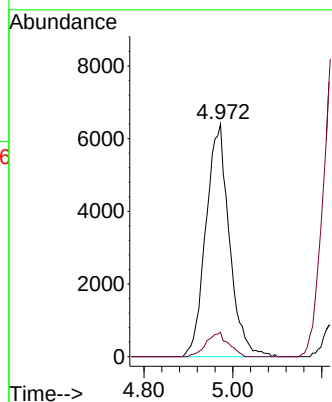
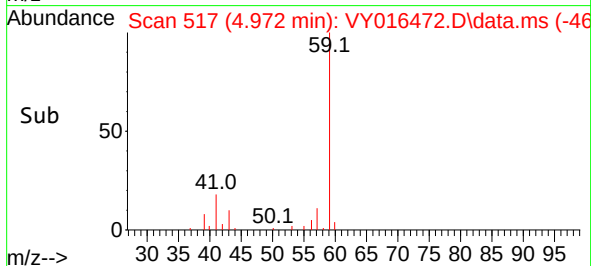


#11
Tert butyl alcohol
Concen: 235.611 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

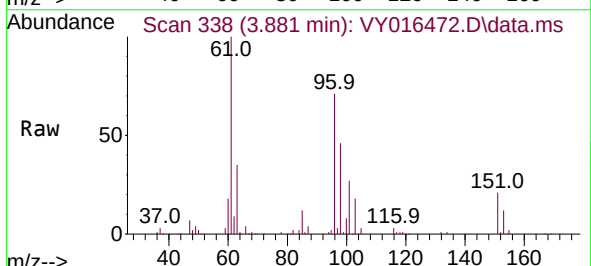
Instrument :
MSVOA_Y
ClientSampleId :



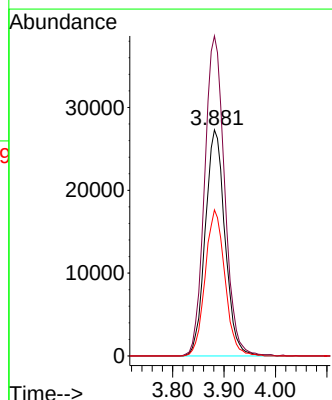
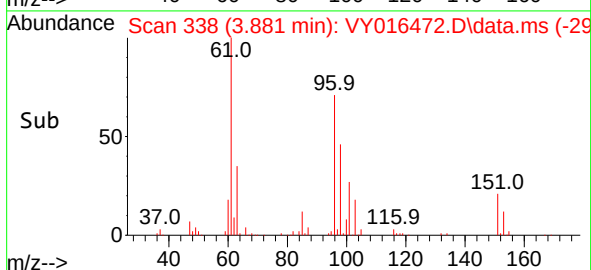
Tgt Ion: 59 Resp: 23480
Ion Ratio Lower Upper
59 100
57 9.8 3.0 4.4#

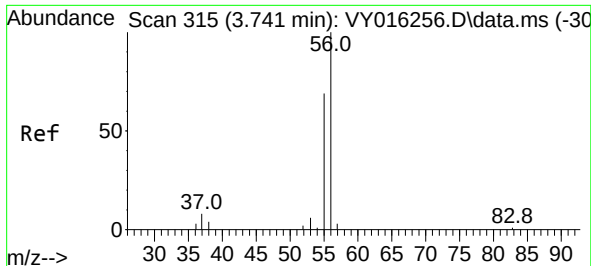


#12
1,1-Dichloroethene
Concen: 51.795 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04



Tgt Ion: 96 Resp: 72880
Ion Ratio Lower Upper
96 100
61 141.5 136.4 204.6
98 64.6 49.4 74.2





#13

Acrolein

Concen: 176.435 ug/l

RT: 3.735 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Instrument :

MSVOA_Y

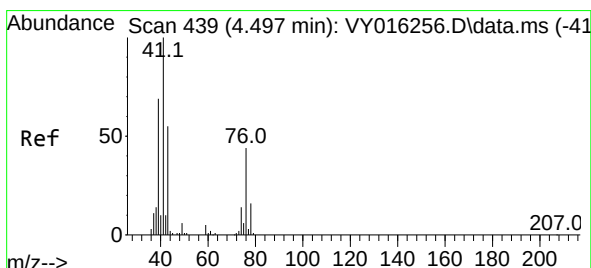
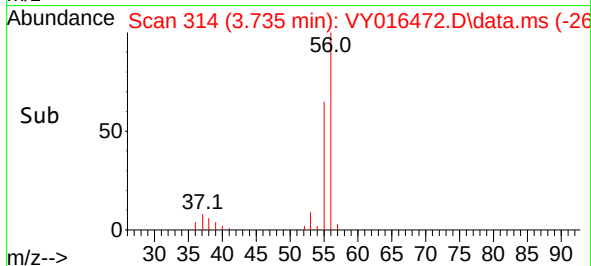
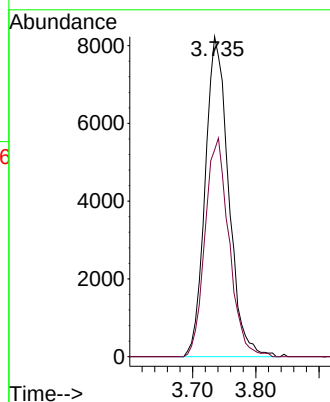
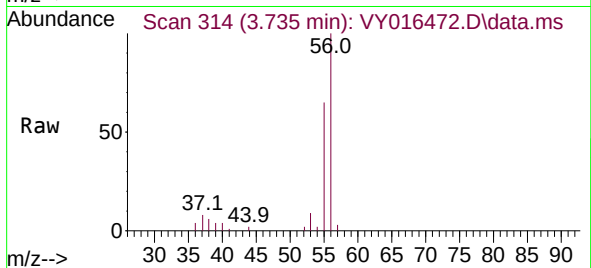
ClientSampleId :

Tgt Ion: 56 Resp: 21208

Ion Ratio Lower Upper

56 100

55 69.9 57.0 85.4



#14

Allyl chloride

Concen: 45.328 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

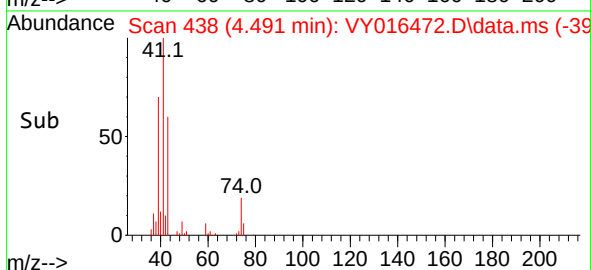
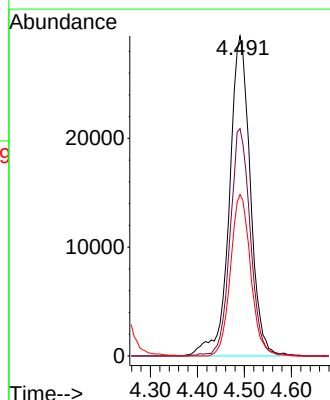
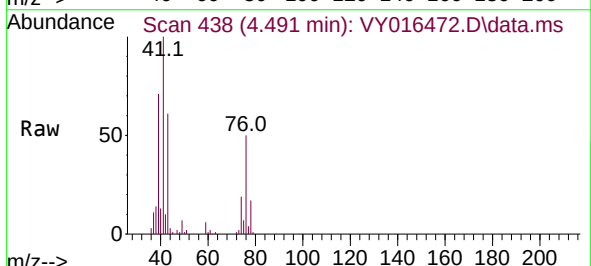
Tgt Ion: 41 Resp: 90509

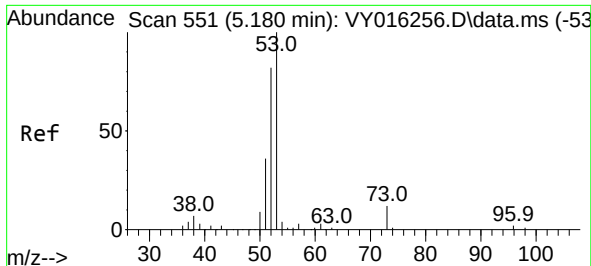
Ion Ratio Lower Upper

41 100

39 69.1 58.0 87.0

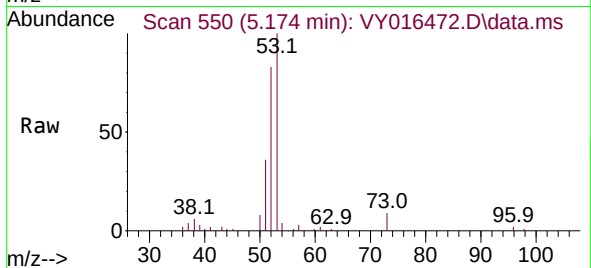
76 48.6 27.4 41.2#



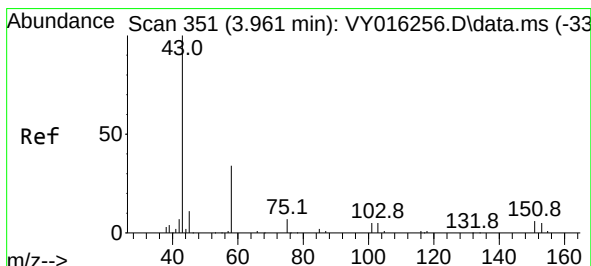
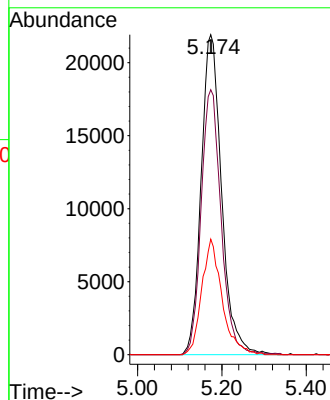
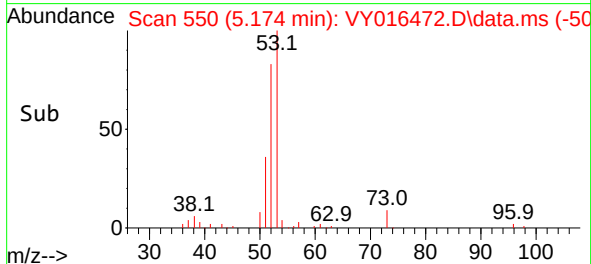


#15
Acrylonitrile
Concen: 249.888 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :

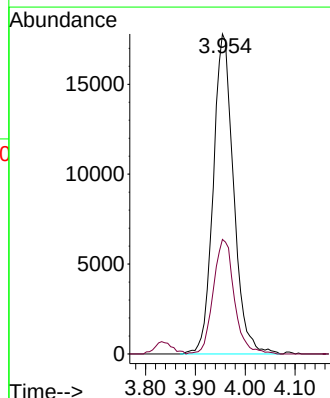
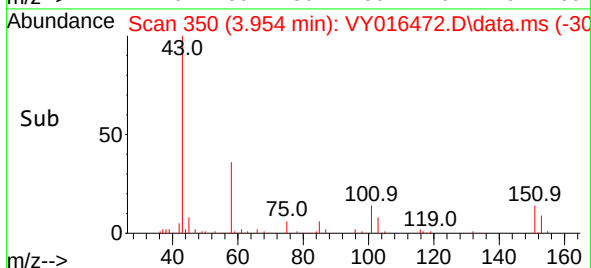
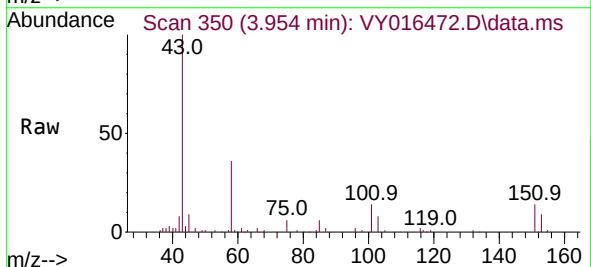


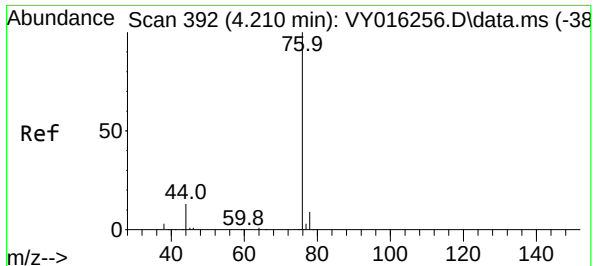
Tgt Ion: 53 Resp: 74039
Ion Ratio Lower Upper
53 100
52 80.7 66.9 100.3
51 35.9 29.8 44.6



#16
Acetone
Concen: 240.106 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion: 43 Resp: 50544
Ion Ratio Lower Upper
43 100
58 35.8 22.7 34.1#





#17

Carbon Disulfide

Concen: 51.058 ug/l

RT: 4.204 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Instrument :

MSVOA_Y

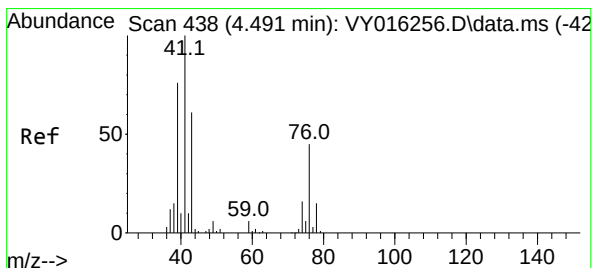
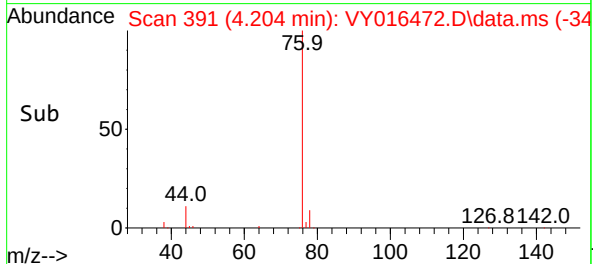
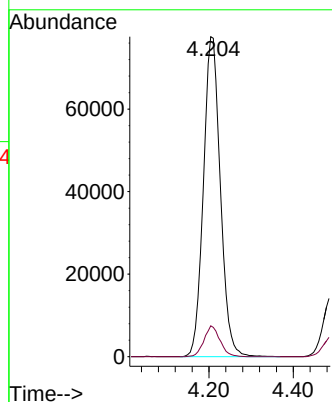
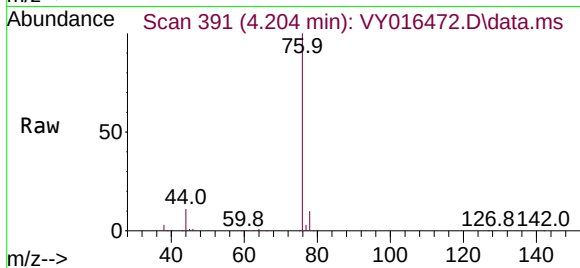
ClientSampleId :

Tgt Ion: 76 Resp: 216768

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.4



#18

Methyl Acetate

Concen: 49.418 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY016472.D

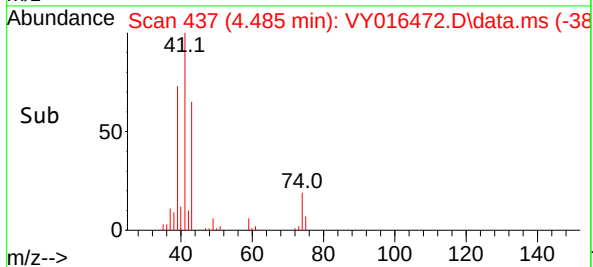
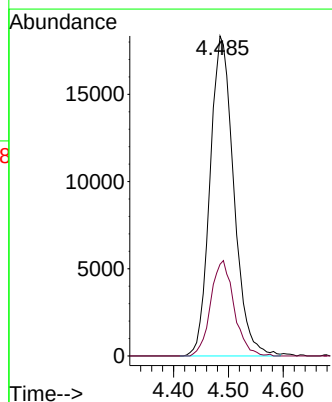
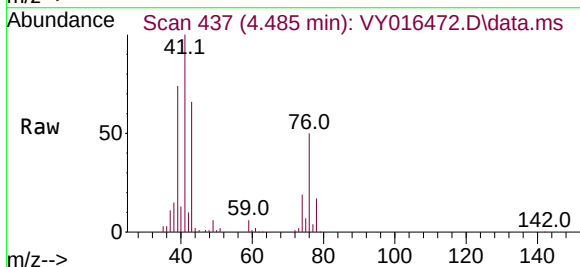
Acq: 22 Nov 2023 19:04

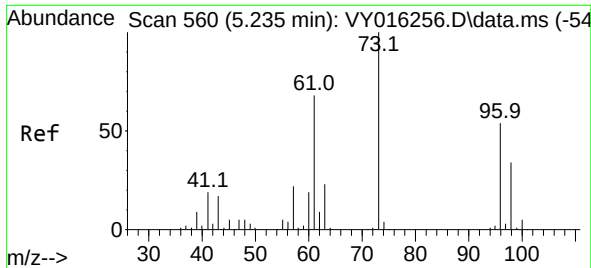
Tgt Ion: 43 Resp: 55277

Ion Ratio Lower Upper

43 100

74 29.3 17.4 26.0#

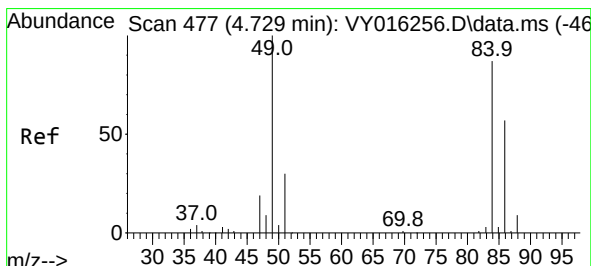
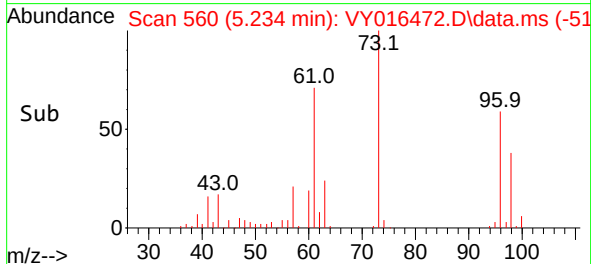
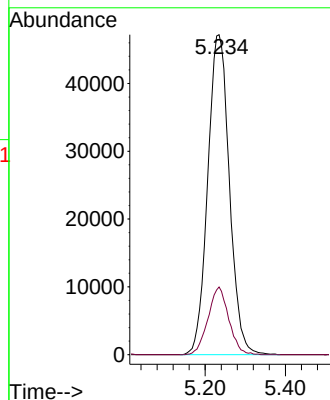
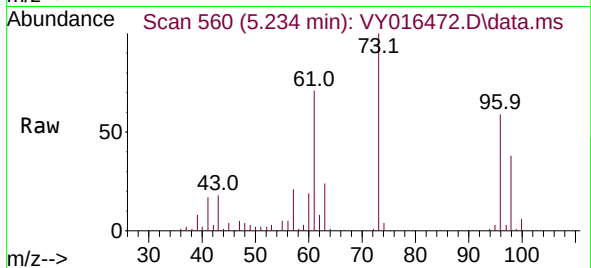




#19
Methyl tert-butyl Ether
Concen: 51.918 ug/l
RT: 5.234 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

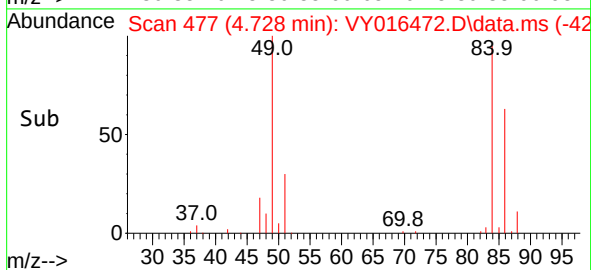
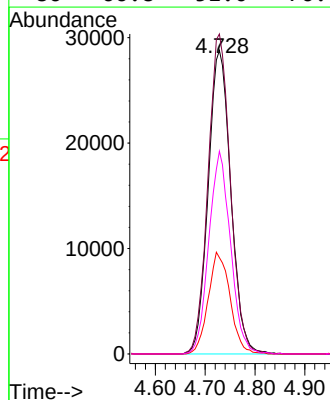
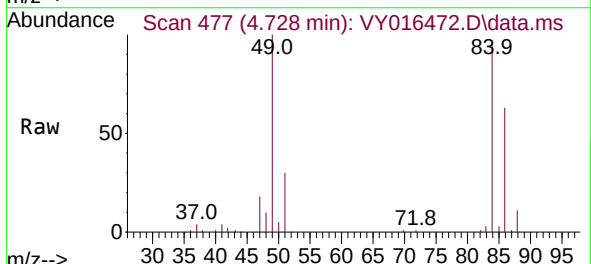
Instrument :
MSVOA_Y
ClientSampleId :

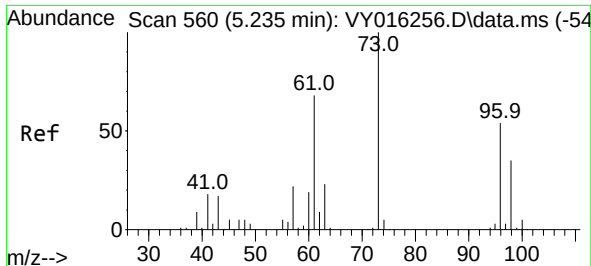
Tgt Ion: 73 Resp: 176814
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 61.740 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion: 84 Resp: 90598
Ion Ratio Lower Upper
84 100
49 105.4 106.9 160.3#
51 31.7 33.2 49.8#
86 66.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 53.501 ug/l

RT: 5.234 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

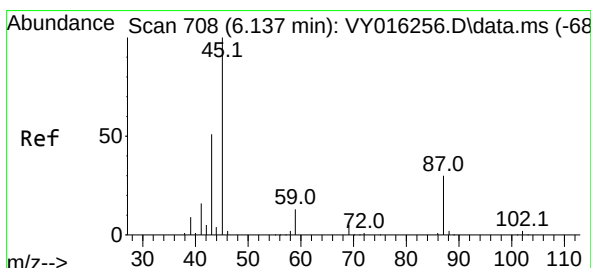
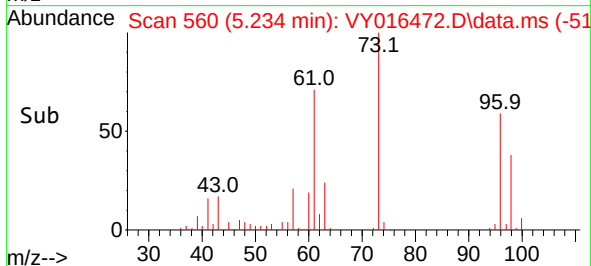
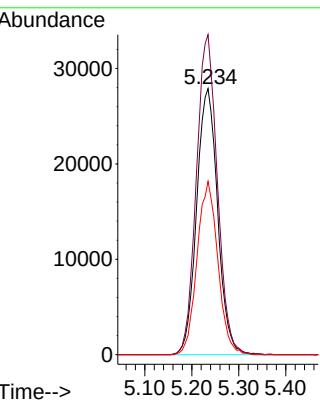
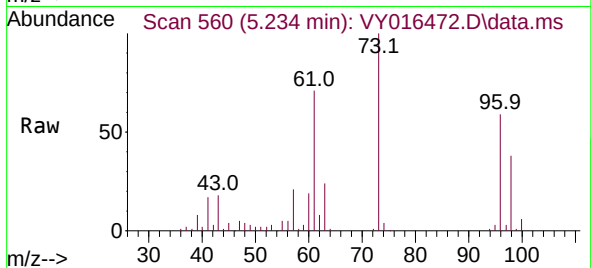
Tgt Ion: 96 Resp: 86677

Ion Ratio Lower Upper

96 100

61 120.2 110.2 165.4

98 65.1 51.8 77.6



#22

Diisopropyl ether

Concen: 46.752 ug/l

RT: 6.131 min Scan# 707

Delta R.T. -0.006 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Tgt Ion: 45 Resp: 201187

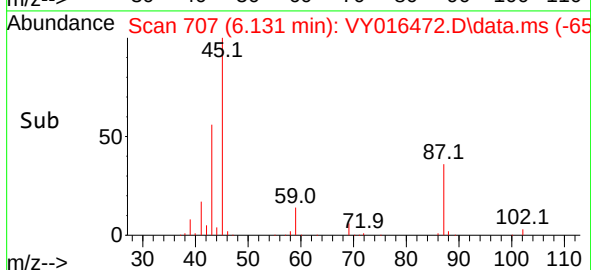
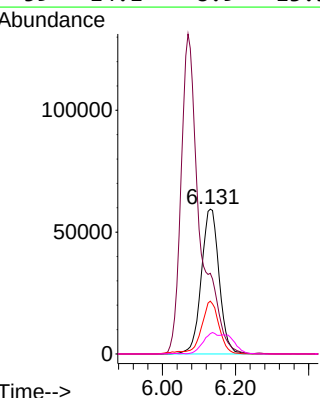
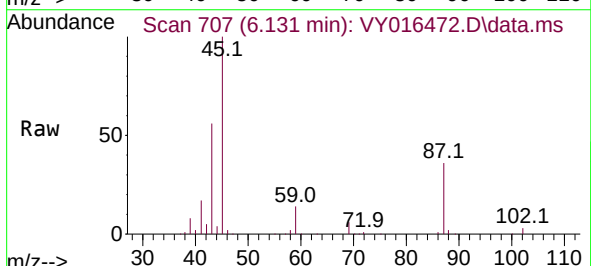
Ion Ratio Lower Upper

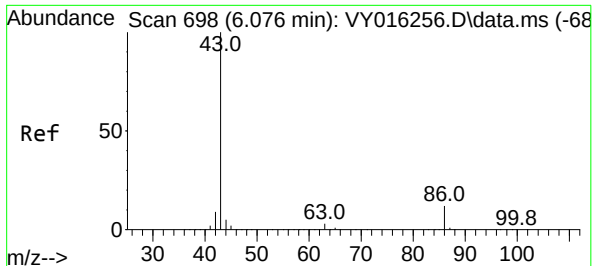
45 100

43 55.4 52.2 78.4

87 36.4 21.0 31.6#

59 14.1 8.9 13.3#





#23

Vinyl Acetate

Concen: 227.171 ug/l

RT: 6.070 min Scan# 698

Delta R.T. -0.006 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Instrument :

MSVOA_Y

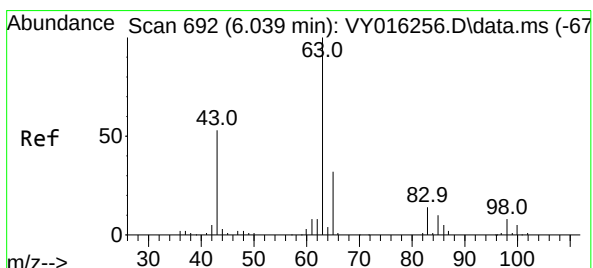
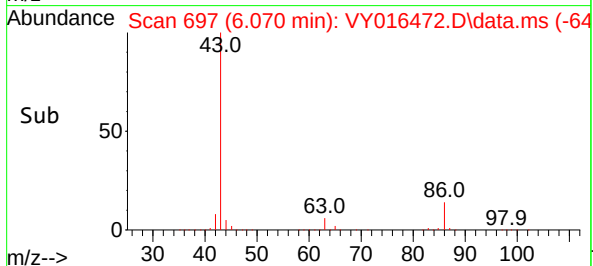
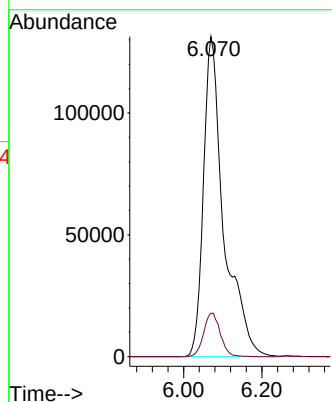
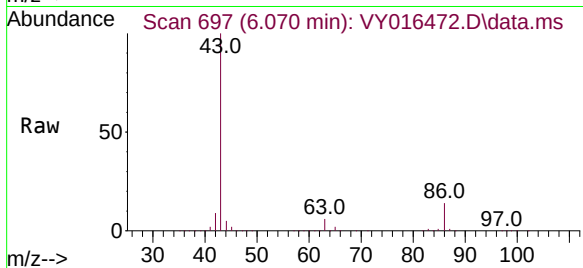
ClientSampleId :

Tgt Ion: 43 Resp: 473679

Ion Ratio Lower Upper

43 100

86 13.5 7.5 11.3#



#24

1,1-Dichloroethane

Concen: 50.622 ug/l

RT: 6.027 min Scan# 690

Delta R.T. -0.012 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

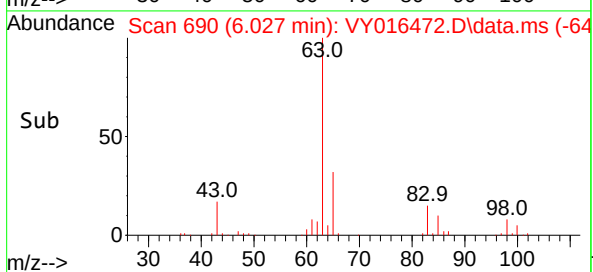
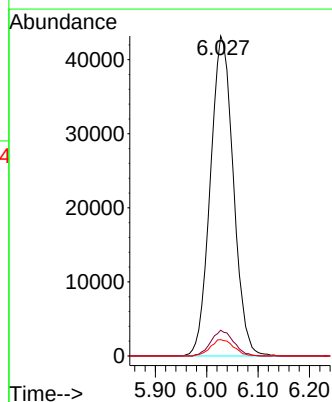
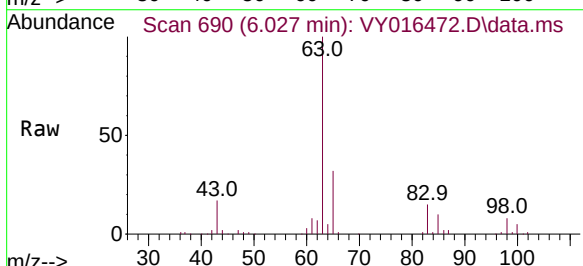
Tgt Ion: 63 Resp: 134390

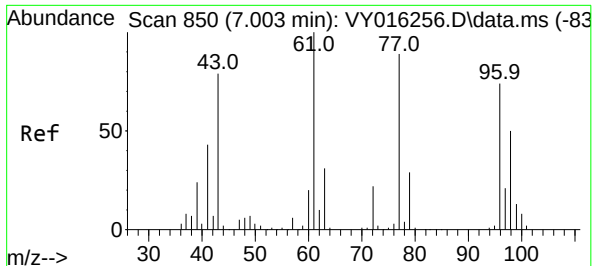
Ion Ratio Lower Upper

63 100

98 8.1 3.1 9.4

100 5.1 1.8 5.5





#25

2-Butanone

Concen: 228.869 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Instrument :

MSVOA_Y

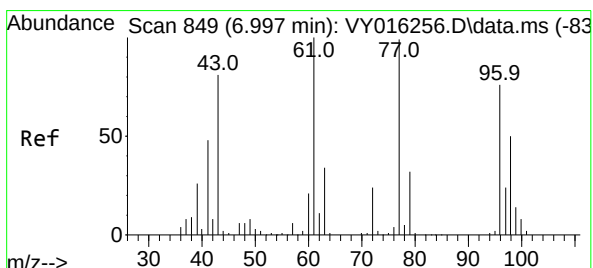
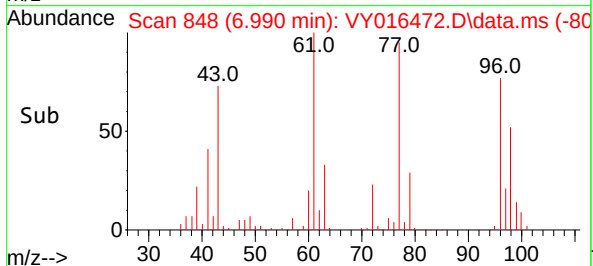
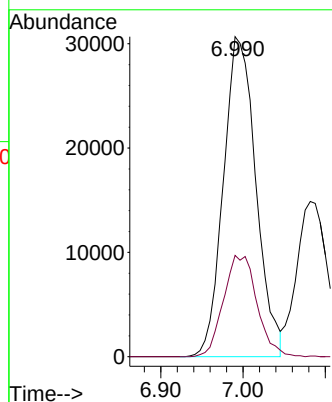
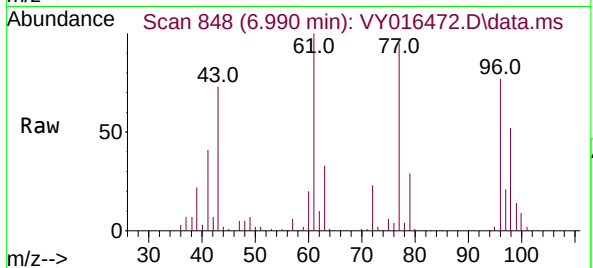
ClientSampleId :

Tgt Ion: 43 Resp: 84387

Ion Ratio Lower Upper

43 100

72 31.6 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 49.079 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY016472.D

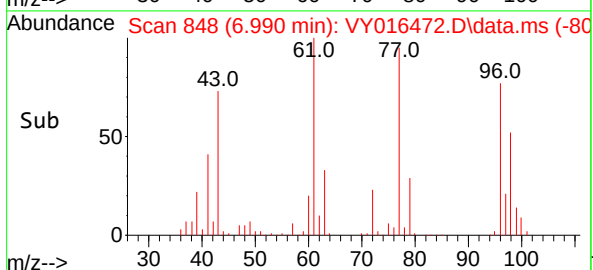
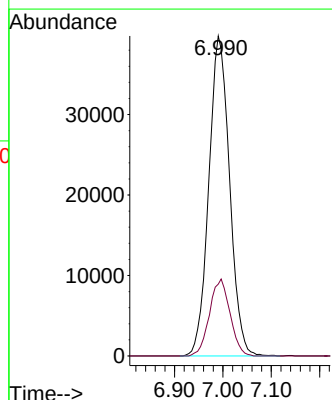
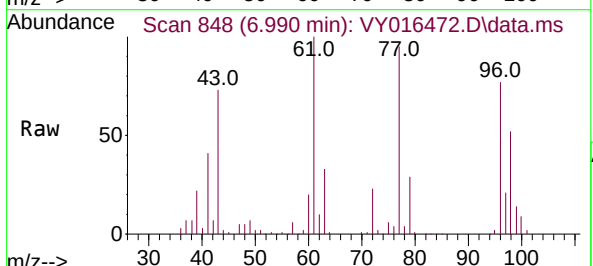
Acq: 22 Nov 2023 19:04

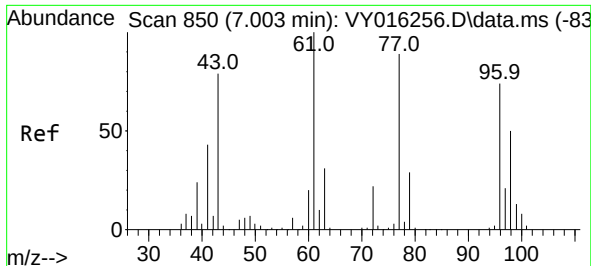
Tgt Ion: 77 Resp: 118585

Ion Ratio Lower Upper

77 100

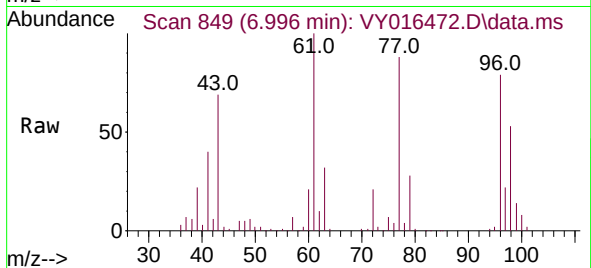
97 23.7 10.9 32.9



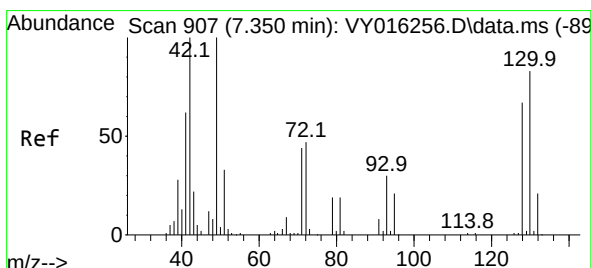
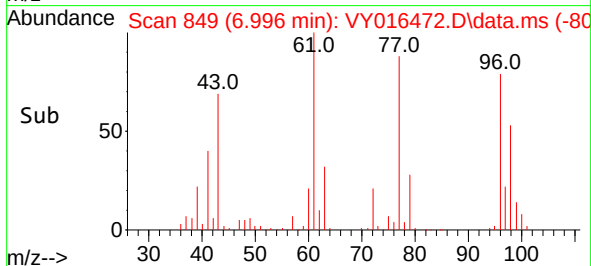
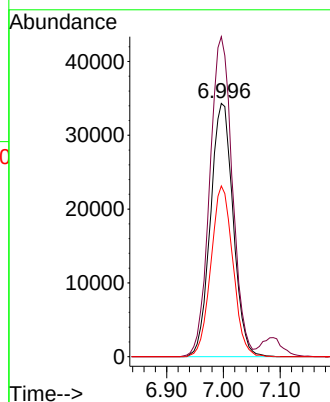


#27
cis-1,2-Dichloroethene
Concen: 54.563 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :

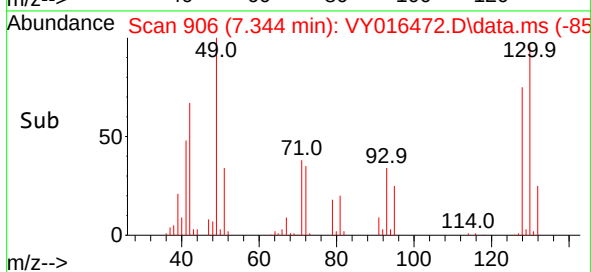
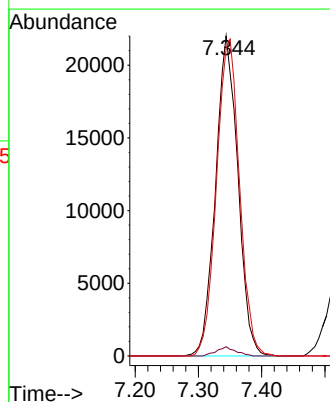
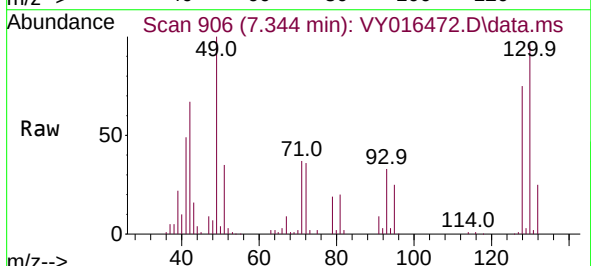


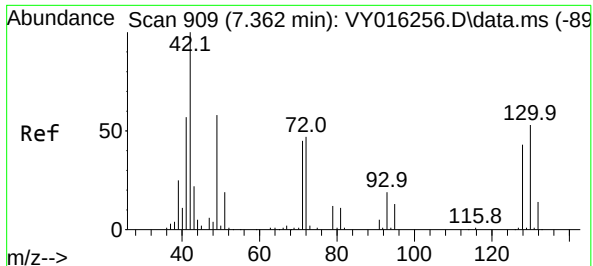
Tgt Ion:	96	Resp:	95265
Ion	Ratio	Lower	Upper
96	100		
61	126.1	0.0	301.4
98	65.3	0.0	130.4



#28
Bromochloromethane
Concen: 54.838 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion:	49	Resp:	53880
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	101.8	60.7	91.1#





#29

Tetrahydrofuran

Concen: 235.319 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

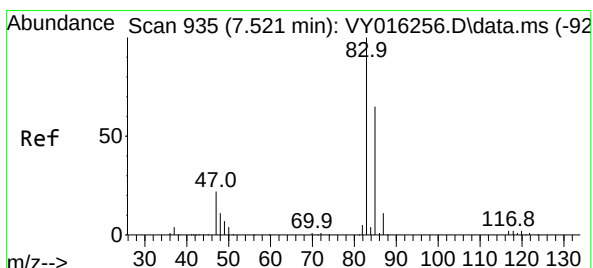
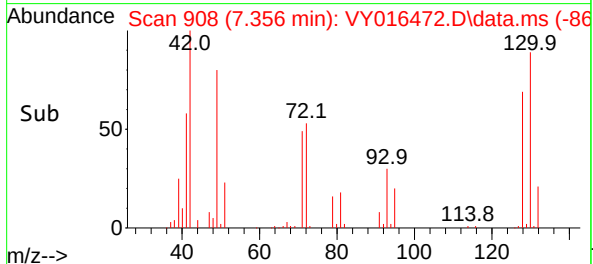
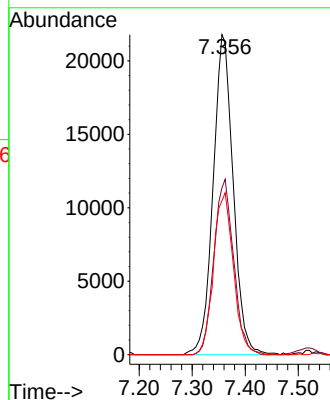
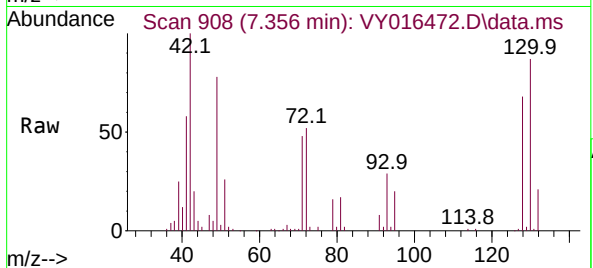
Tgt Ion: 42 Resp: 57349

Ion Ratio Lower Upper

42 100

72 53.9 32.8 49.2#

71 50.2 31.0 46.4#



#30

Chloroform

Concen: 54.379 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY016472.D

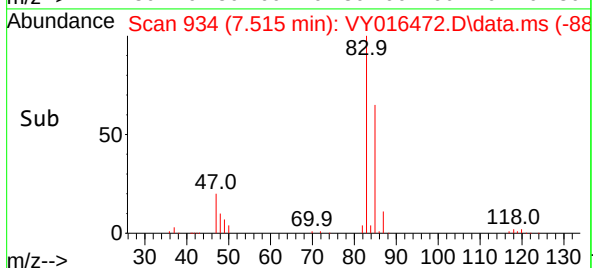
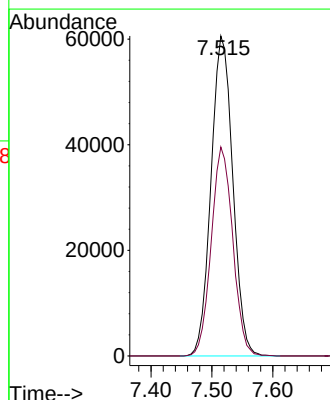
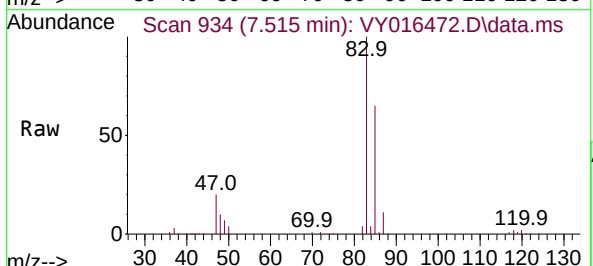
Acq: 22 Nov 2023 19:04

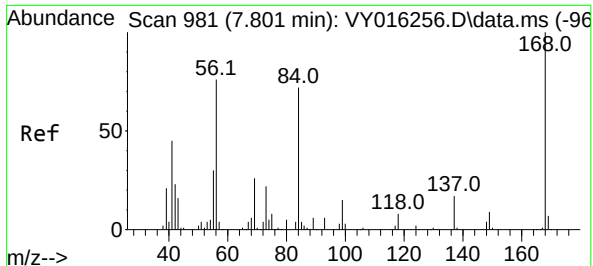
Tgt Ion: 83 Resp: 150267

Ion Ratio Lower Upper

83 100

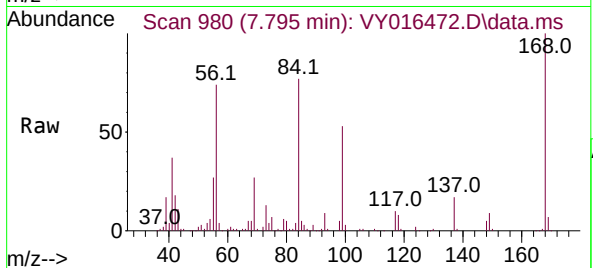
85 65.3 49.7 74.5



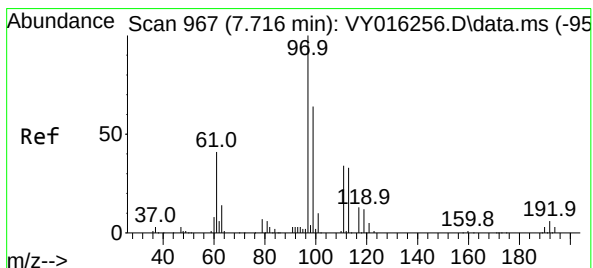
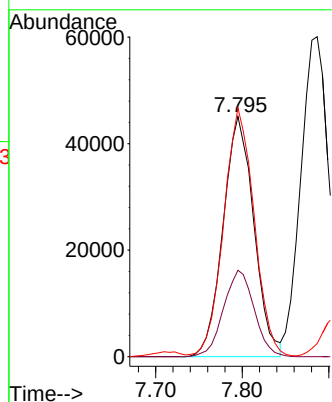
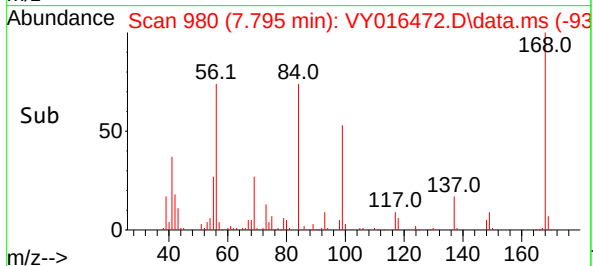


#31
Cyclohexane
Concen: 44.491 ug/l
RT: 7.795 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :

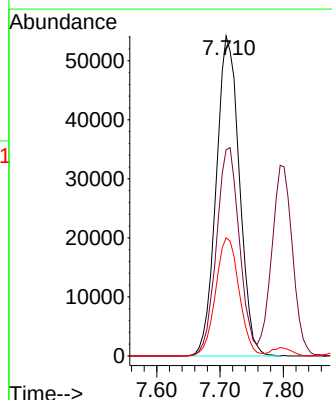
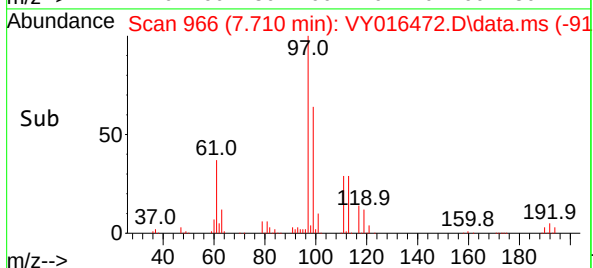
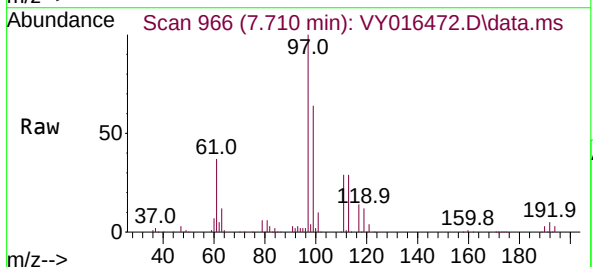


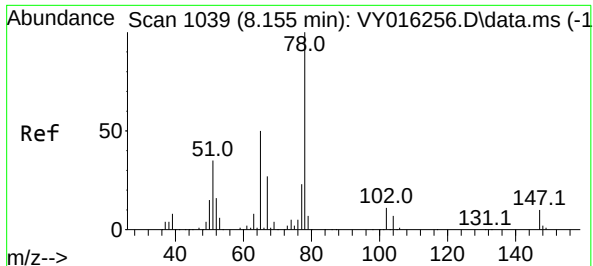
Tgt Ion: 56 Resp: 111474
Ion Ratio Lower Upper
56 100
69 36.0 27.8 41.6
84 102.3 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 54.371 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion: 97 Resp: 137722
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 37.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.690 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Instrument :

MSVOA_Y

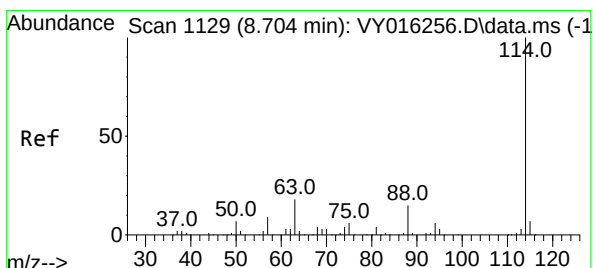
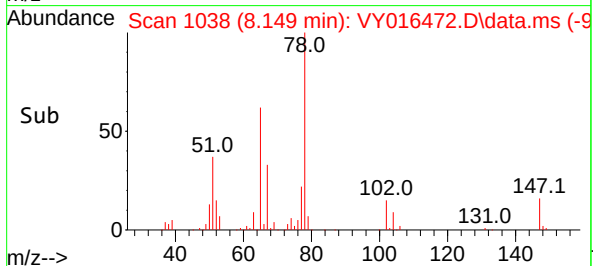
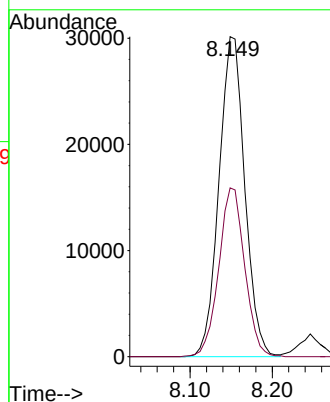
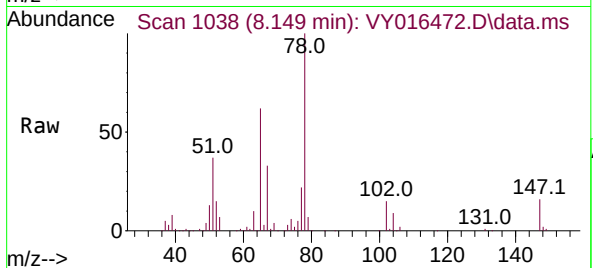
ClientSampleId :

Tgt Ion: 65 Resp: 65781

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

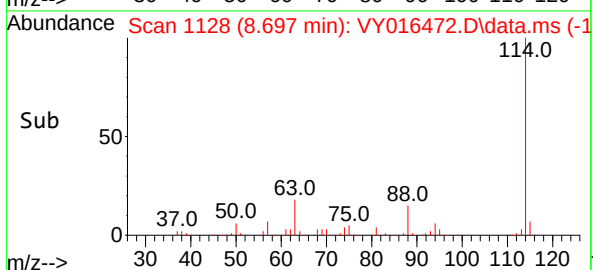
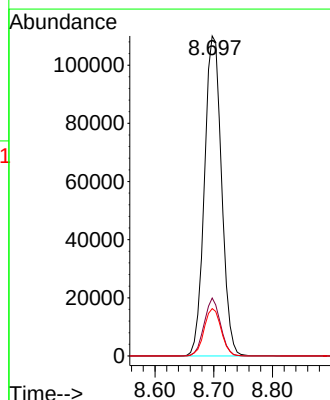
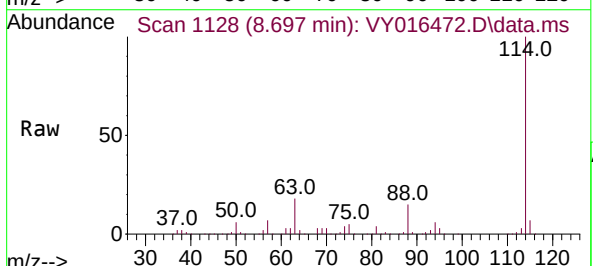
Tgt Ion: 114 Resp: 222575

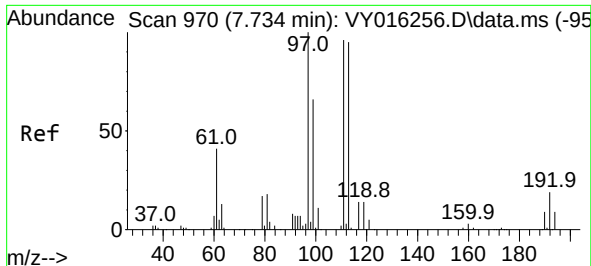
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

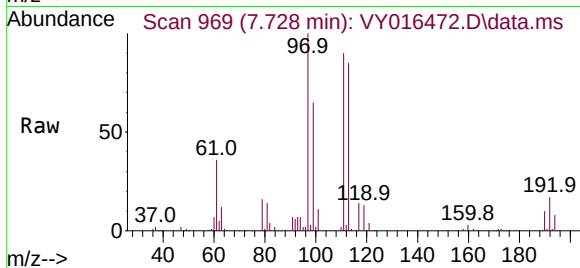
88 14.8 0.0 30.6



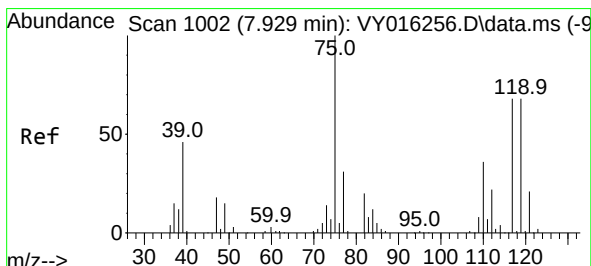
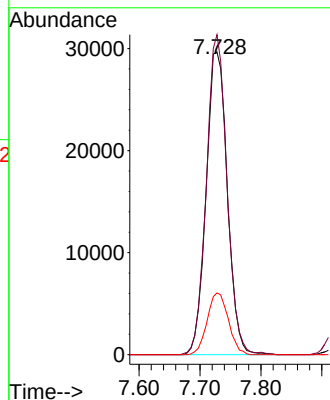
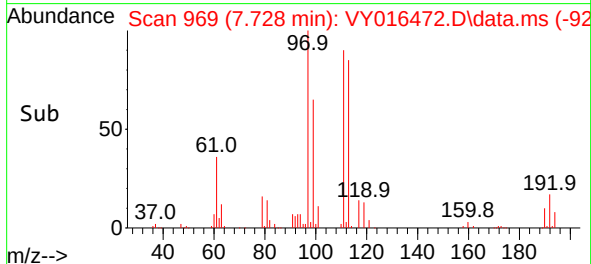


#35
Dibromofluoromethane
Concen: 56.919 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :

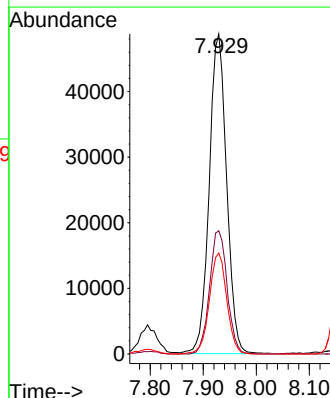
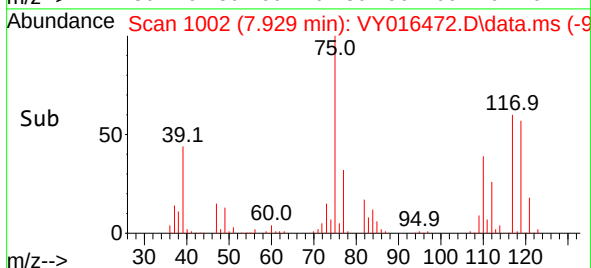
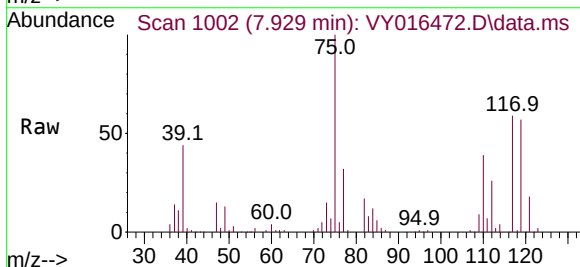


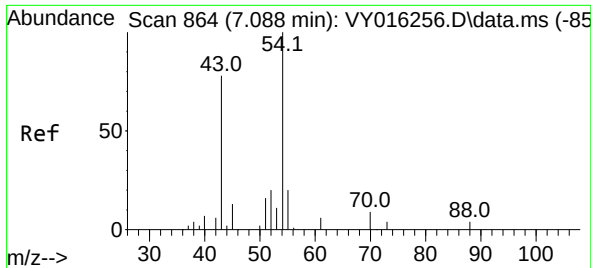
Tgt Ion:113 Resp: 71967
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 20.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.566 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion: 75 Resp: 111016
Ion Ratio Lower Upper
75 100
110 38.9 17.8 53.5
77 31.5 24.4 36.6

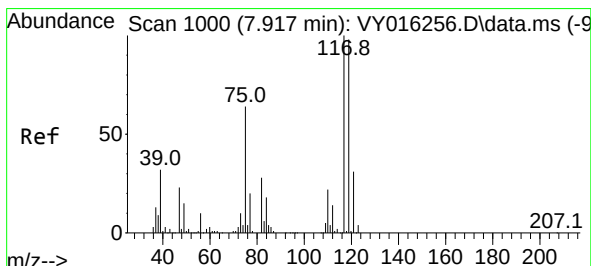
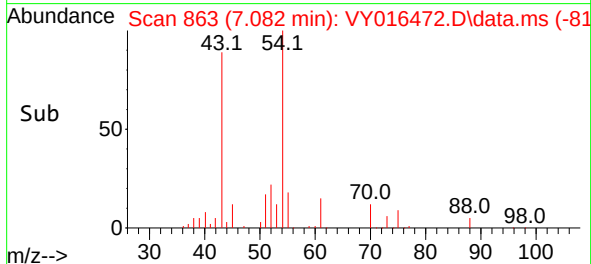
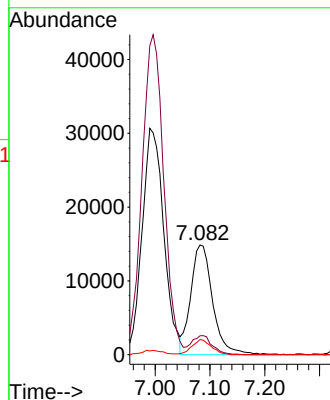
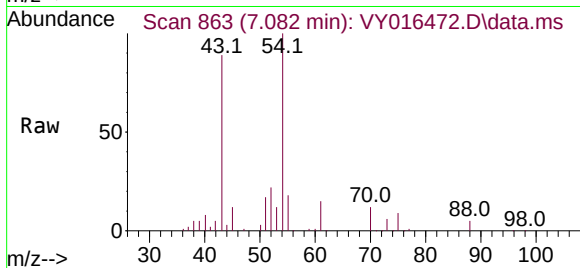




#37
Ethyl Acetate
Concen: 46.660 ug/l
RT: 7.082 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

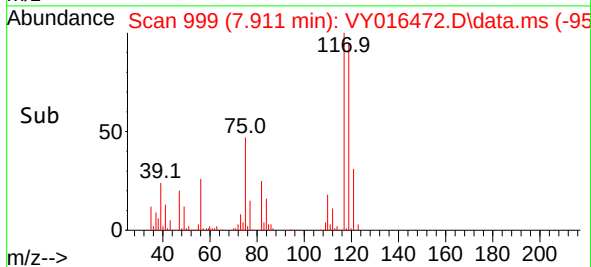
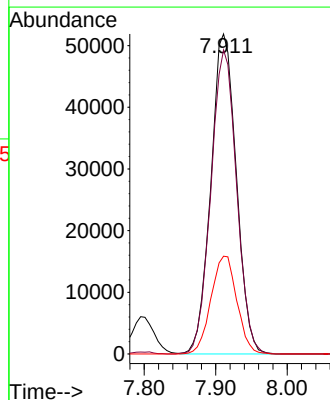
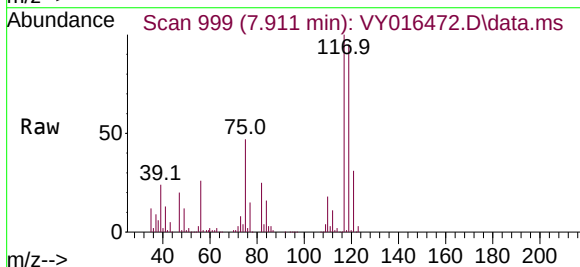
Instrument :
MSVOA_Y
ClientSampleId :

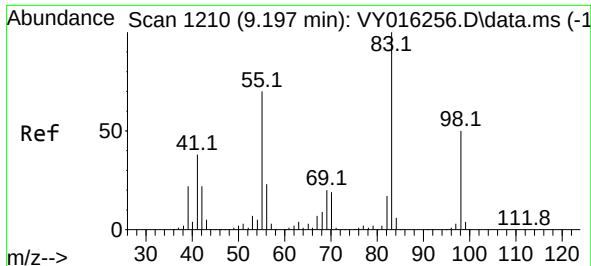
Tgt Ion: 43 Resp: 41391
Ion Ratio Lower Upper
43 100
61 15.9 10.1 15.1#
70 12.2 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 56.352 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion: 117 Resp: 128401
Ion Ratio Lower Upper
117 100
119 95.0 76.4 114.6
121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 50.551 ug/l

RT: 9.191 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

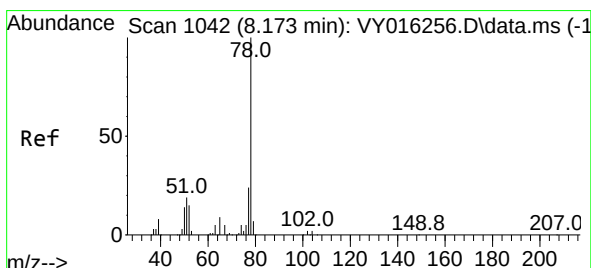
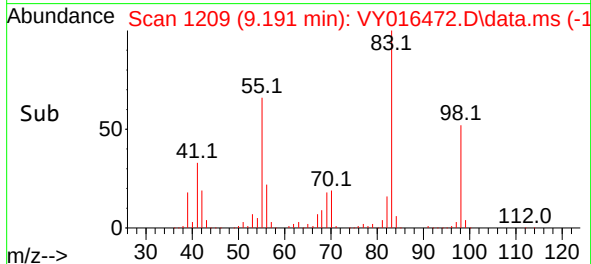
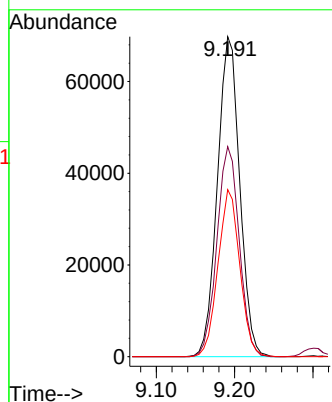
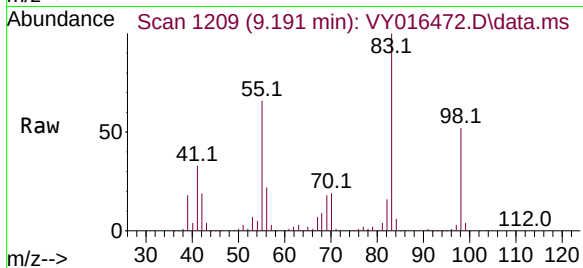
Tgt Ion: 83 Resp: 138292

Ion Ratio Lower Upper

83 100

55 65.6 63.0 94.4

98 52.2 37.4 56.2



#40

Benzene

Concen: 53.644 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY016472.D

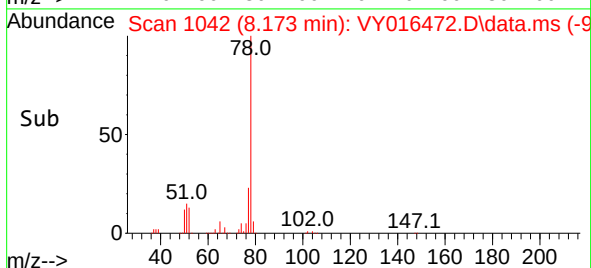
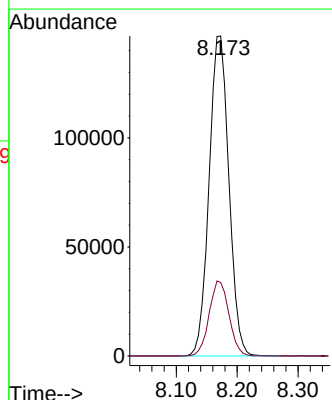
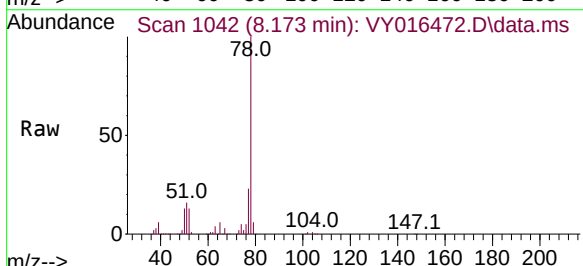
Acq: 22 Nov 2023 19:04

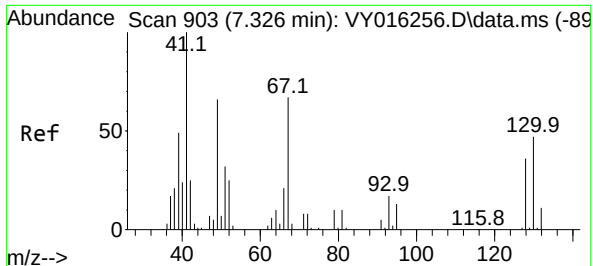
Tgt Ion: 78 Resp: 330890

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.6

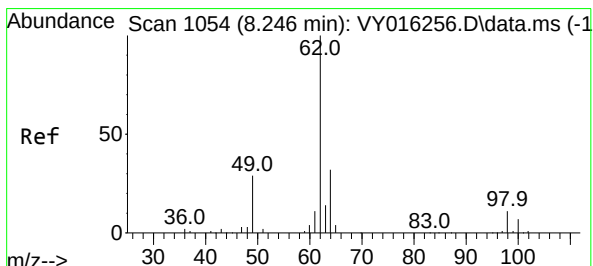
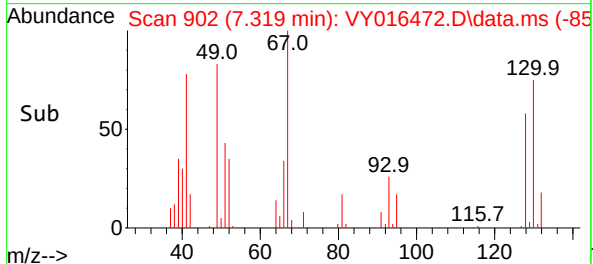
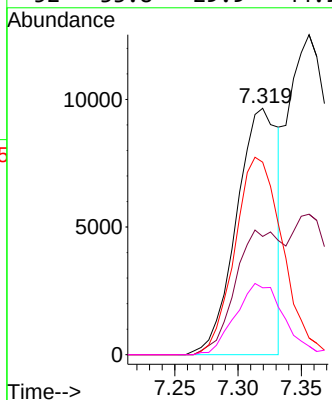
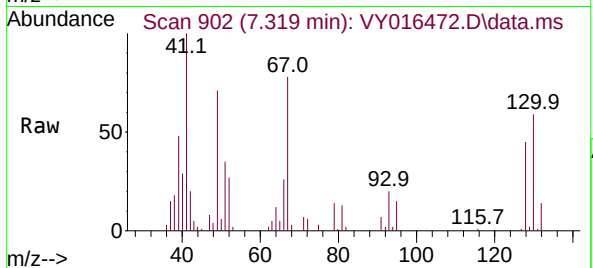




#41
Methacrylonitrile
Concen: 49.265 ug/l
RT: 7.319 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

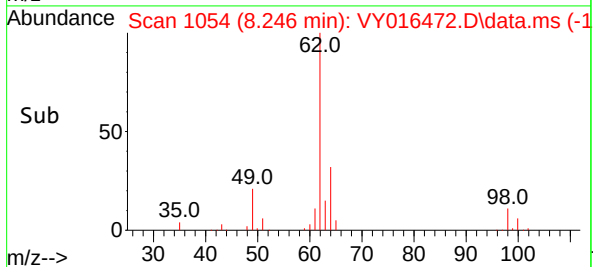
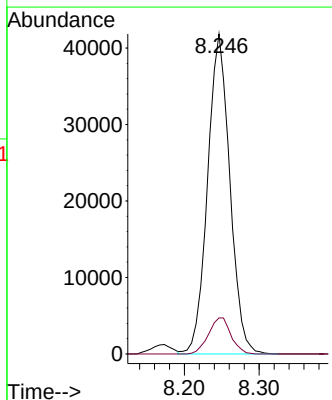
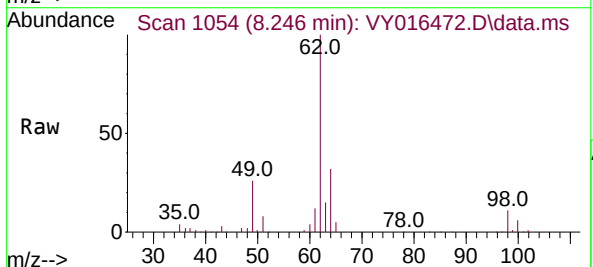
Instrument :
MSVOA_Y
ClientSampleId :

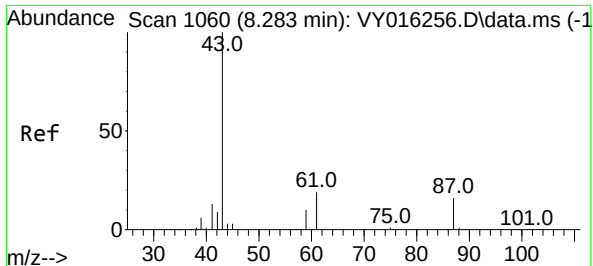
Tgt Ion: 41 Resp: 22035
Ion Ratio Lower Upper
41 100
39 59.0 52.1 78.1
67 91.9 66.2 99.2
52 33.8 29.9 44.9



#42
1,2-Dichloroethane
Concen: 54.276 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion: 62 Resp: 86745
Ion Ratio Lower Upper
62 100
98 11.4 0.0 15.8





#43

Isopropyl Acetate

Concen: 45.904 ug/l

RT: 8.283 min Scan# 1169

Delta R.T. -0.000 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

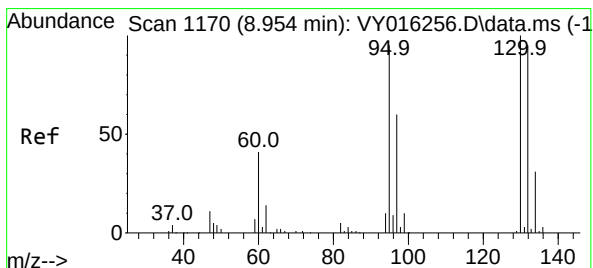
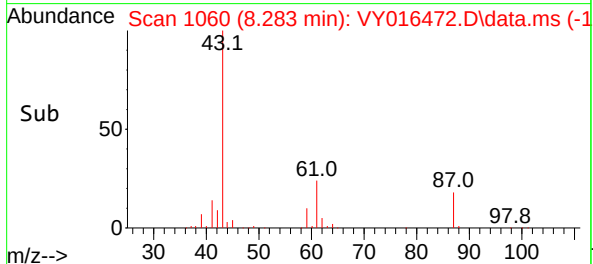
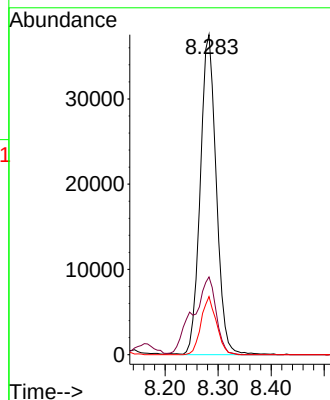
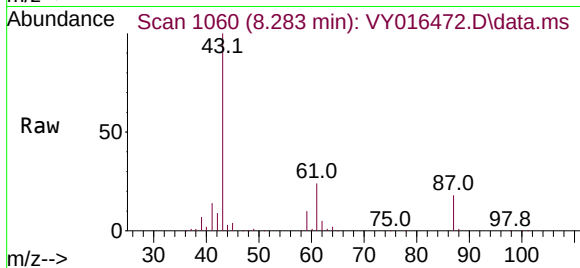
Tgt Ion: 43 Resp: 78711

Ion Ratio Lower Upper

43 100

61 35.1 21.1 31.7#

87 17.4 9.8 14.8#



#44

Trichloroethene

Concen: 56.261 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. -0.006 min

Lab File: VY016472.D

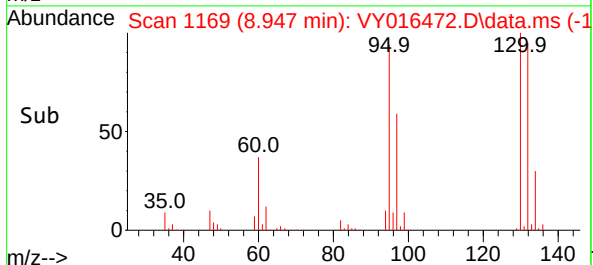
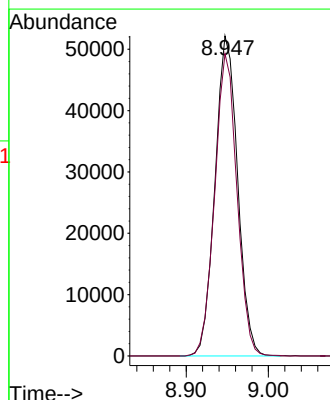
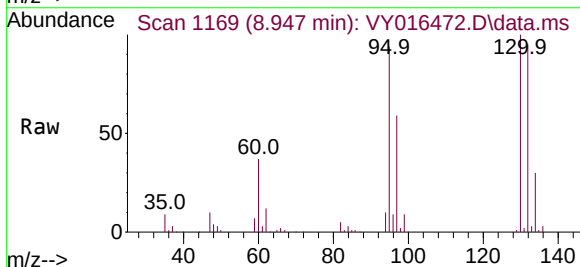
Acq: 22 Nov 2023 19:04

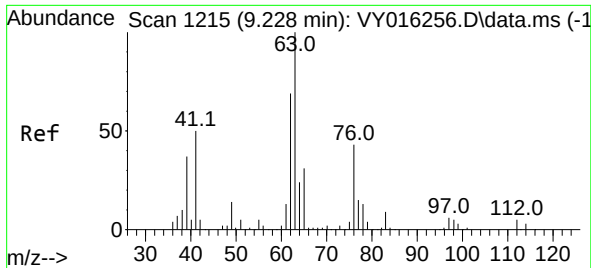
Tgt Ion:130 Resp: 99736

Ion Ratio Lower Upper

130 100

95 94.4 0.0 196.0

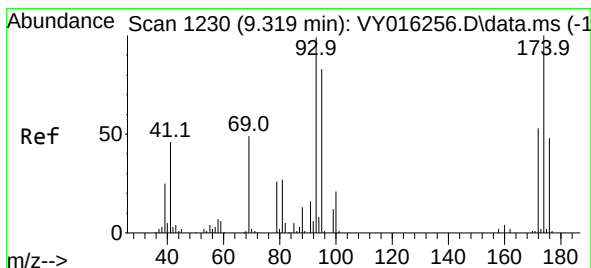
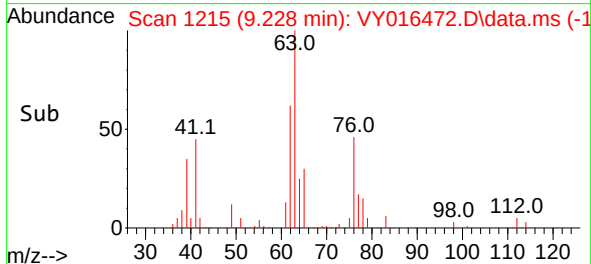
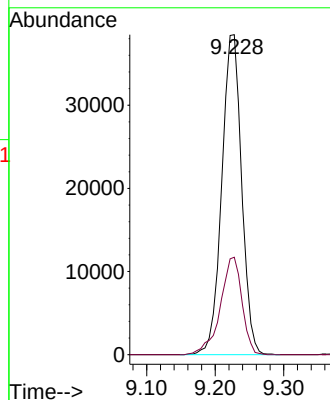
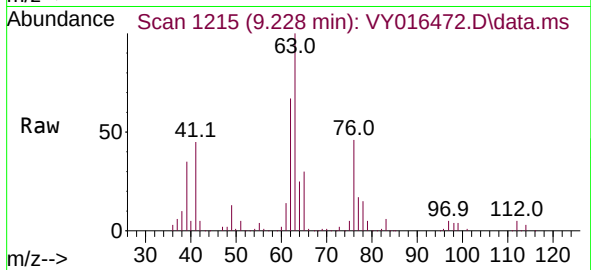




#45
1,2-Dichloropropane
Concen: 52.143 ug/l
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

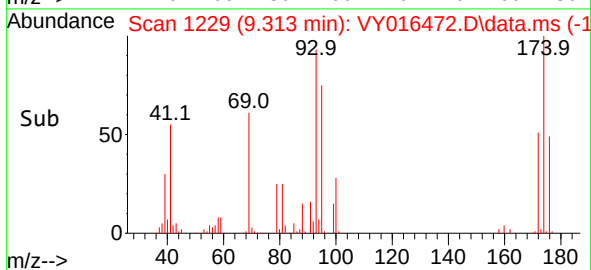
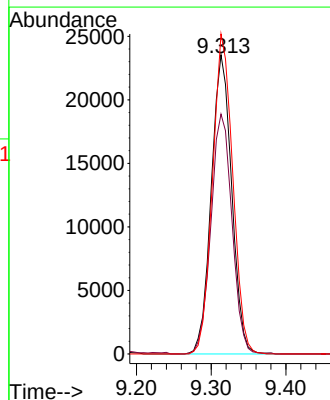
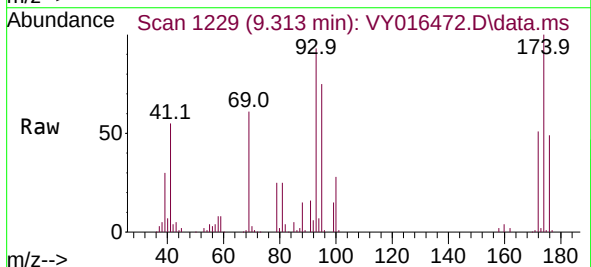
Instrument :
MSVOA_Y
ClientSampleId :

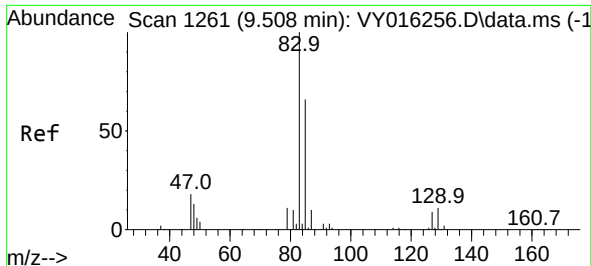
Tgt Ion: 63 Resp: 77243
Ion Ratio Lower Upper
63 100
65 30.4 23.8 35.6



#46
Dibromomethane
Concen: 55.616 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion: 93 Resp: 44646
Ion Ratio Lower Upper
93 100
95 82.5 66.6 100.0
174 106.1 84.8 127.2

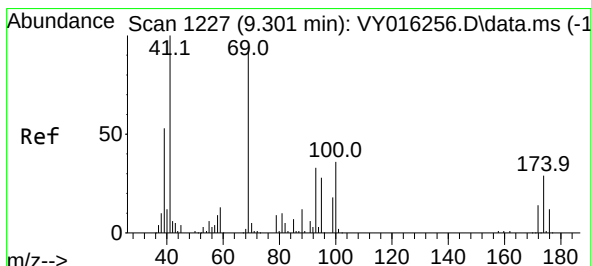
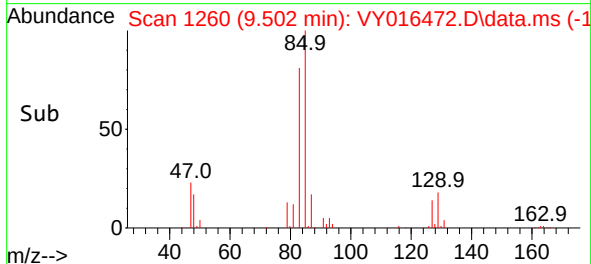
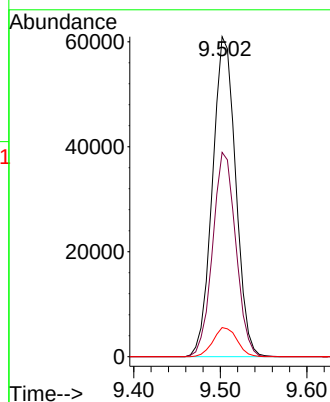
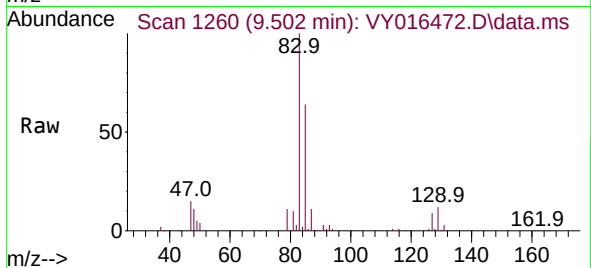




#47
Bromodichloromethane
Concen: 54.979 ug/l
RT: 9.502 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

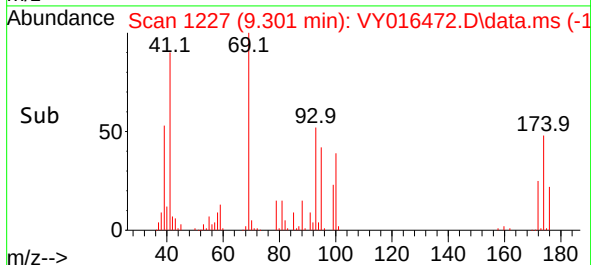
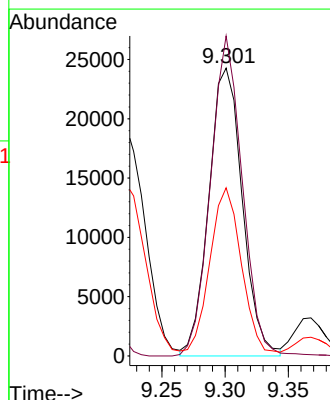
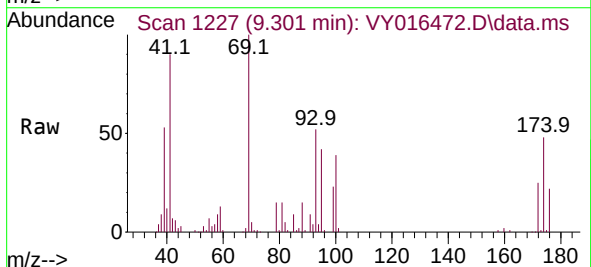
Instrument :
MSVOA_Y
ClientSampleId :

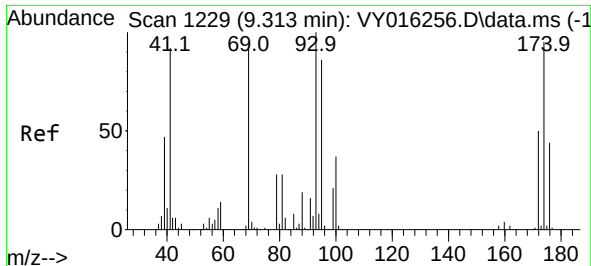
Tgt Ion: 83 Resp: 113465
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 47.283 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion: 41 Resp: 44808
Ion Ratio Lower Upper
41 100
69 105.3 64.5 96.7#
39 53.0 50.8 76.2





#49

1,4-Dioxane

Concen: 1134.546 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.012 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

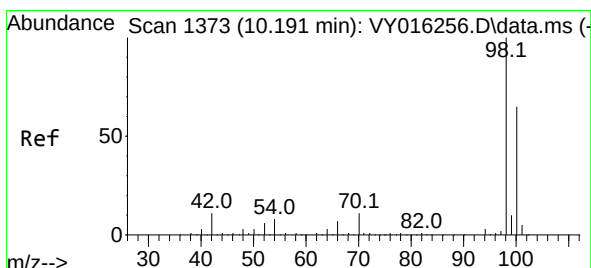
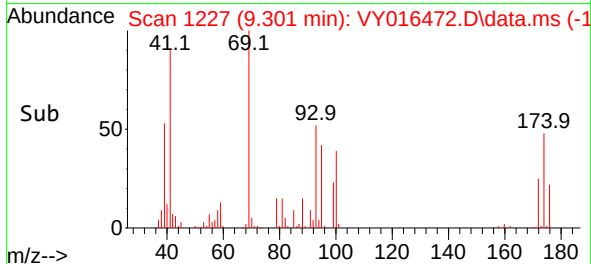
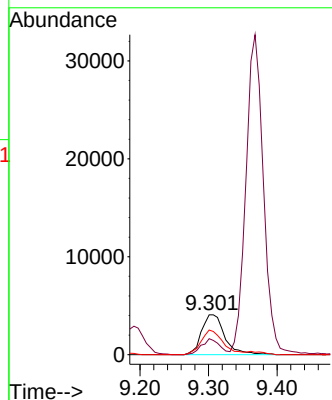
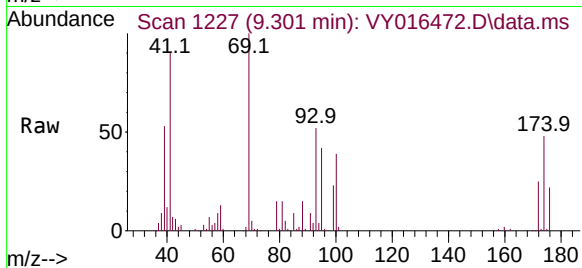
Tgt Ion: 88 Resp: 9669

Ion Ratio Lower Upper

88 100

43 31.7 0.0 0.0#

58 58.5 30.9 46.3#



#50

Toluene-d8

Concen: 52.319 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016472.D

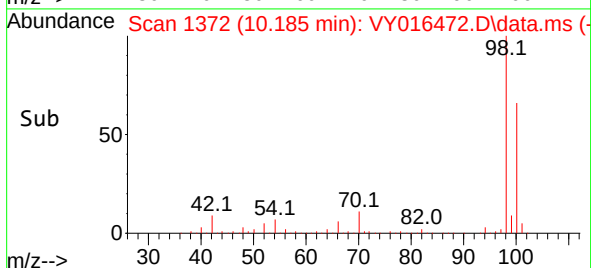
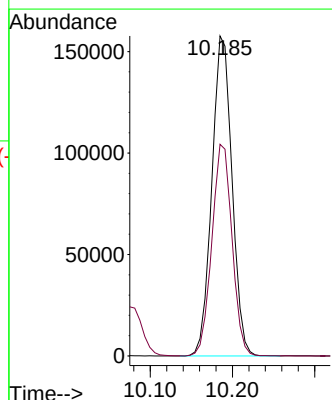
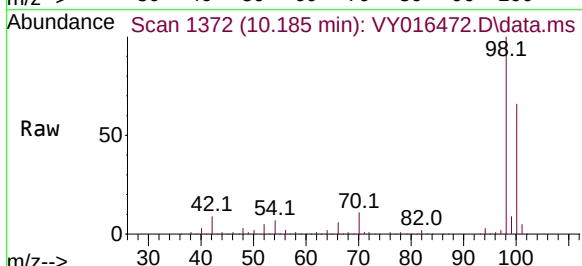
Acq: 22 Nov 2023 19:04

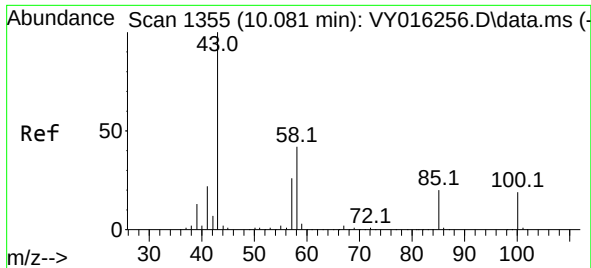
Tgt Ion: 98 Resp: 268254

Ion Ratio Lower Upper

98 100

100 66.3 50.1 75.1

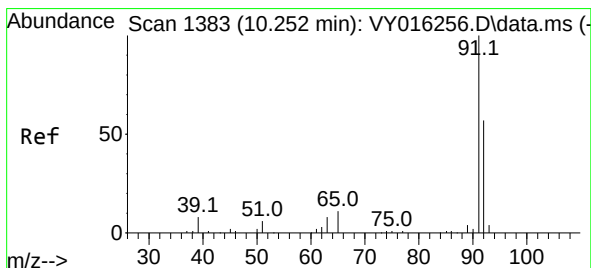
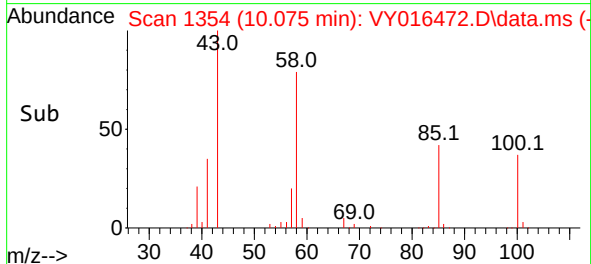
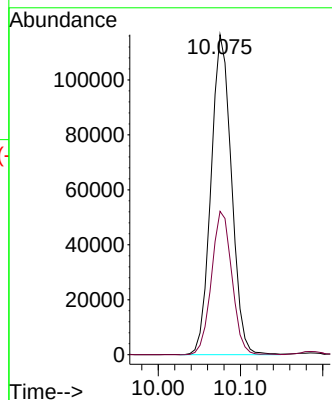
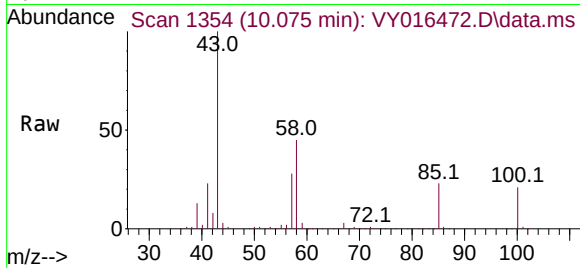




#51
4-Methyl-2-Pentanone
Concen: 231.978 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

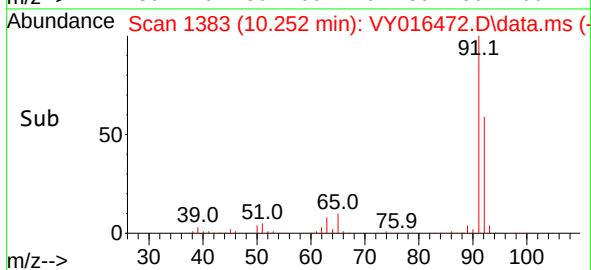
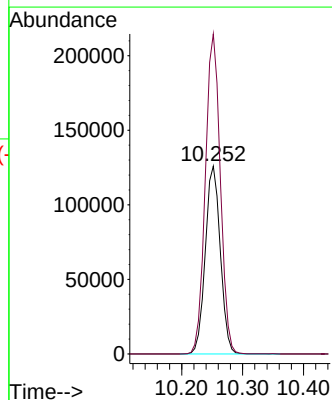
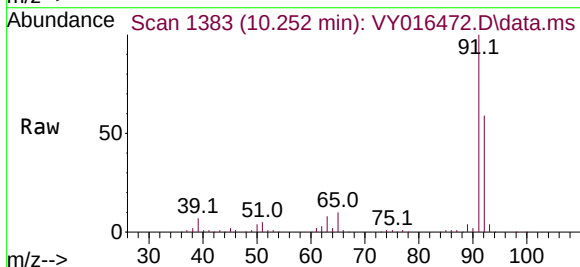
Instrument :
MSVOA_Y
ClientSampleId :

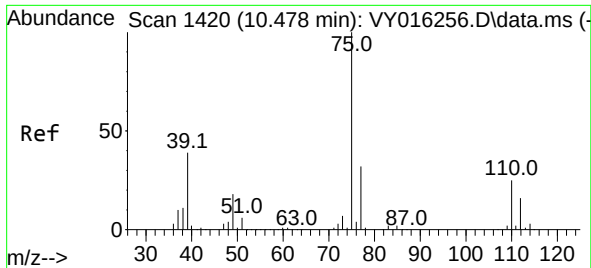
Tgt Ion: 43 Resp: 201144
Ion Ratio Lower Upper
43 100
58 44.7 29.0 43.6#



#52
Toluene
Concen: 55.383 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion: 92 Resp: 215944
Ion Ratio Lower Upper
92 100
91 170.2 143.8 215.6

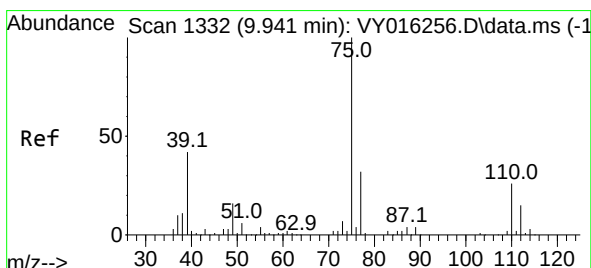
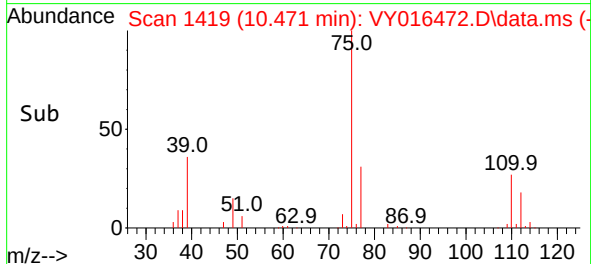
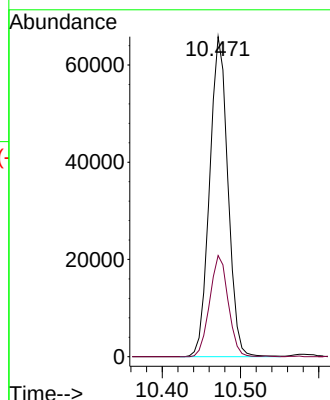
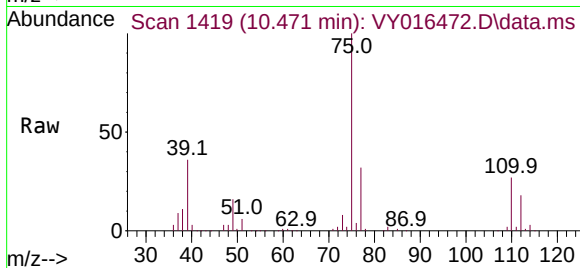




#53
 t-1,3-Dichloropropene
 Concen: 53.370 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY016472.D
 Acq: 22 Nov 2023 19:04

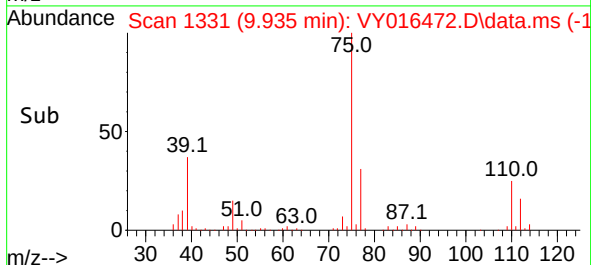
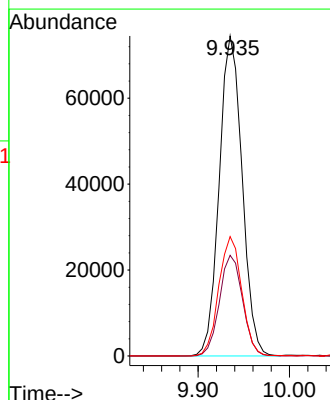
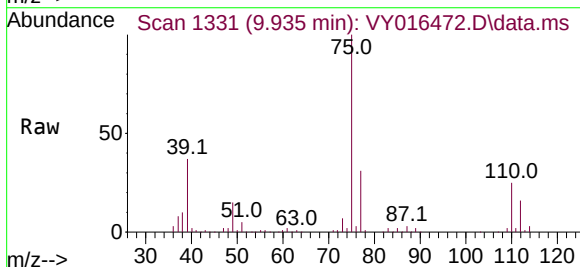
Instrument :
 MSVOA_Y
 ClientSampleId :

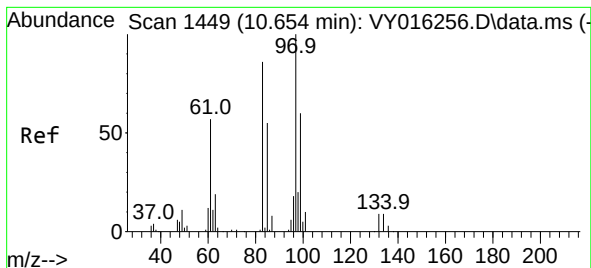
Tgt Ion: 75 Resp: 106775
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 54.325 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.006 min
 Lab File: VY016472.D
 Acq: 22 Nov 2023 19:04

Tgt Ion: 75 Resp: 129813
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.2 36.4
 39 37.3 42.2 63.4#

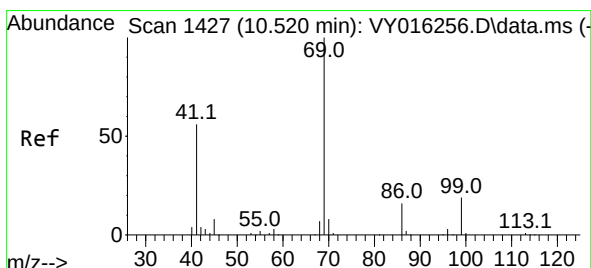
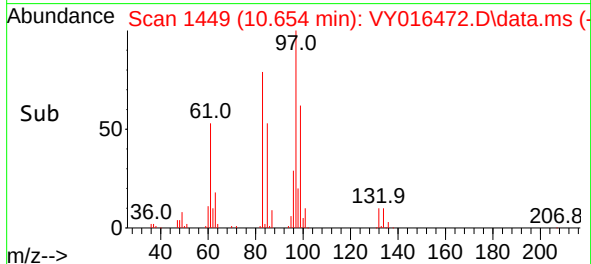
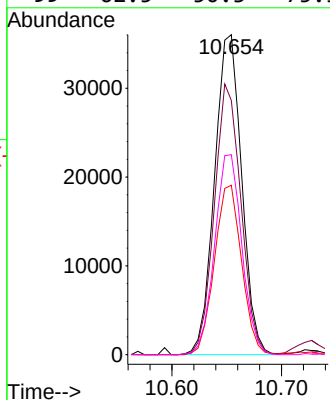
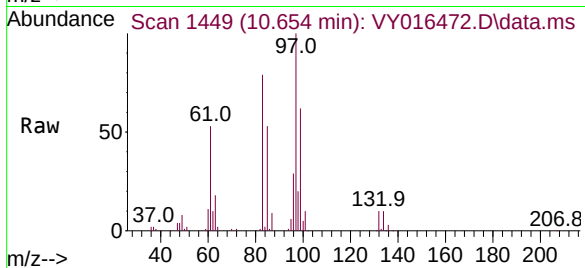




#55
1,1,2-Trichloroethane
Concen: 56.124 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

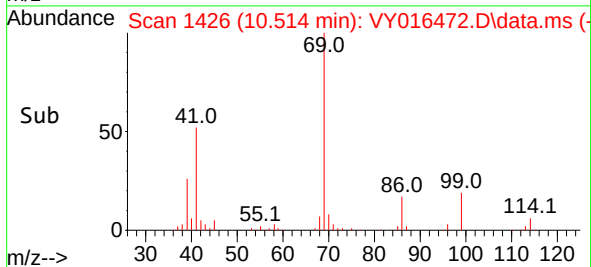
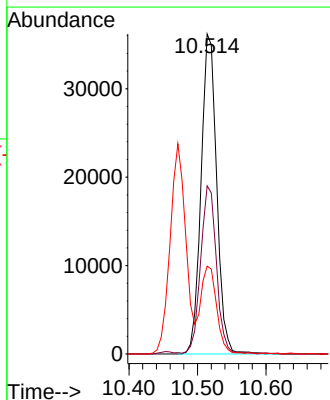
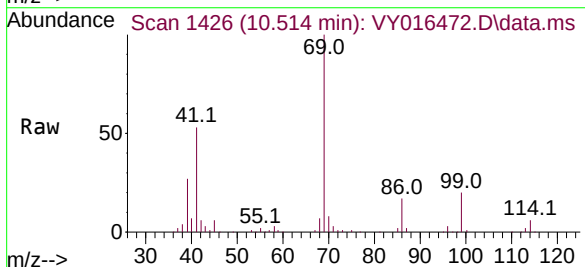
Instrument :
MSVOA_Y
ClientSampleId :

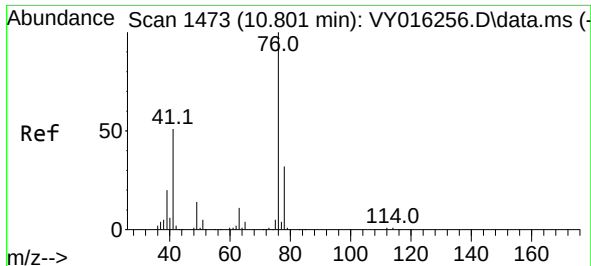
Tgt Ion:	97	Resp:	62097
Ion	Ratio	Lower	Upper
97	100		
83	79.5	72.0	108.0
85	52.9	45.4	68.0
99	62.5	50.3	75.5



#56
Ethyl methacrylate
Concen: 55.002 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion:	69	Resp:	57446
Ion	Ratio	Lower	Upper
69	100		
41	52.7	57.6	86.4#
39	28.0	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 54.720 ug/l

RT: 10.794 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Instrument :

MSVOA_Y

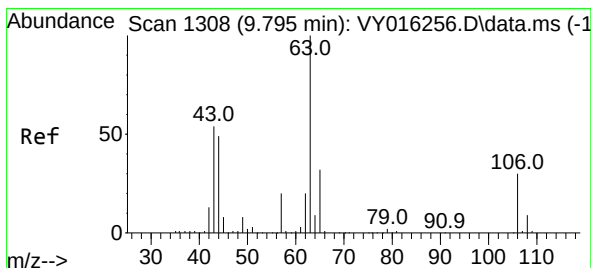
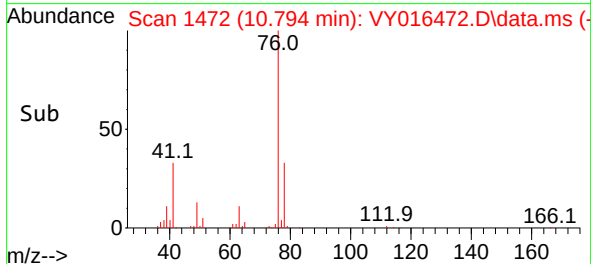
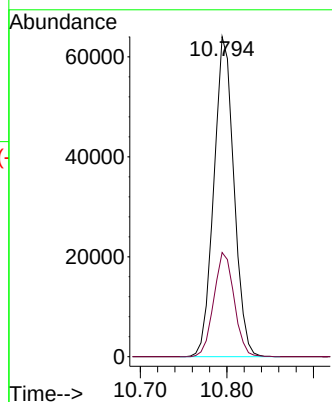
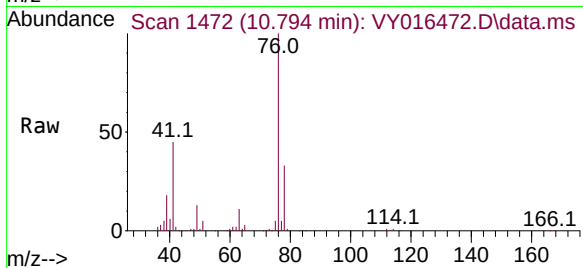
ClientSampleId :

Tgt Ion: 76 Resp: 103202

Ion Ratio Lower Upper

76 100

78 33.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 272.811 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.006 min

Lab File: VY016472.D

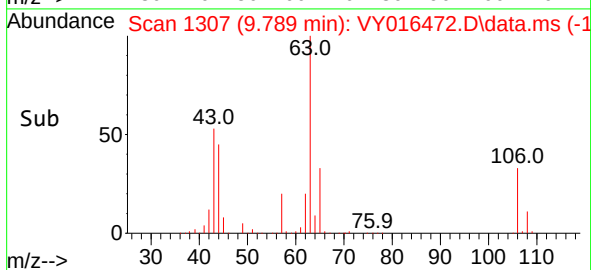
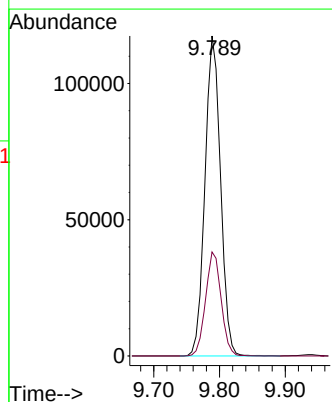
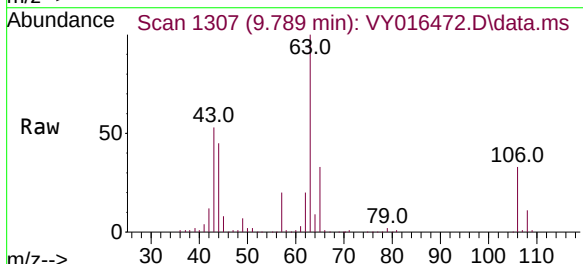
Acq: 22 Nov 2023 19:04

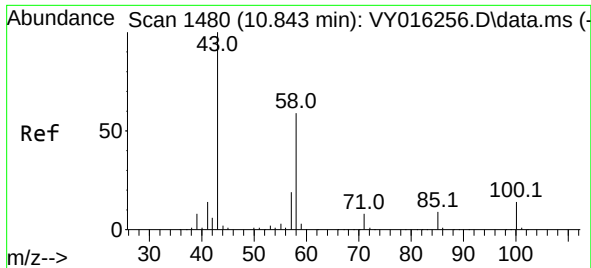
Tgt Ion: 63 Resp: 193205

Ion Ratio Lower Upper

63 100

106 32.5 21.2 31.8#

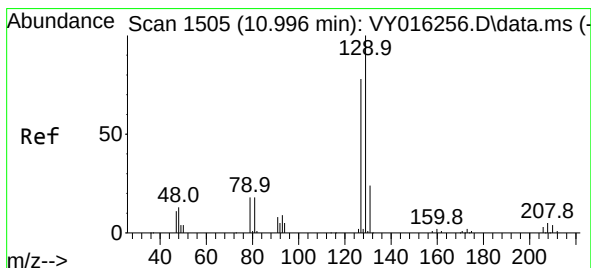
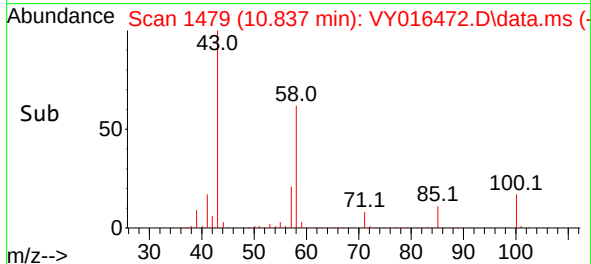
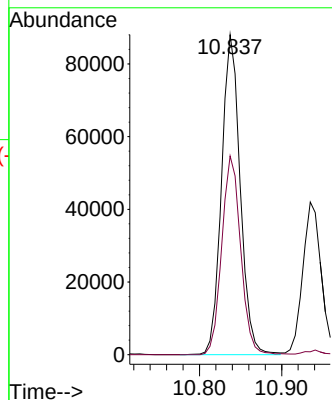
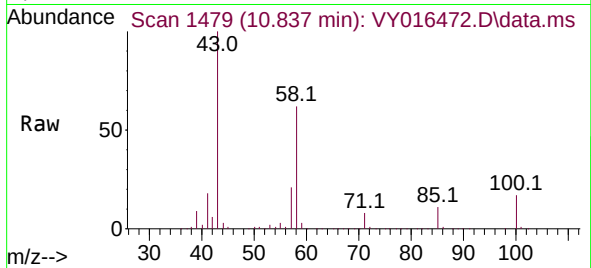




#59
2-Hexanone
Concen: 215.388 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

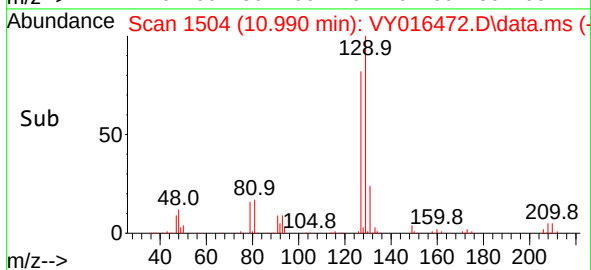
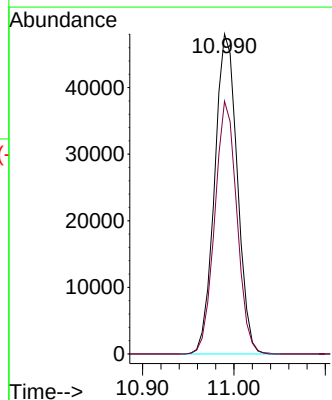
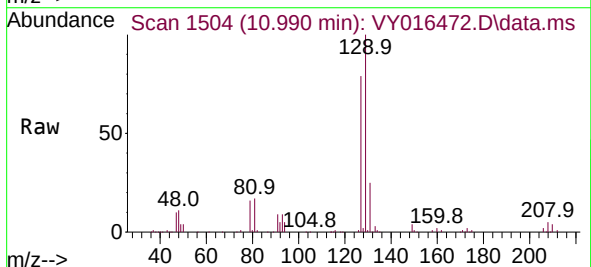
Instrument :
MSVOA_Y
ClientSampleId :

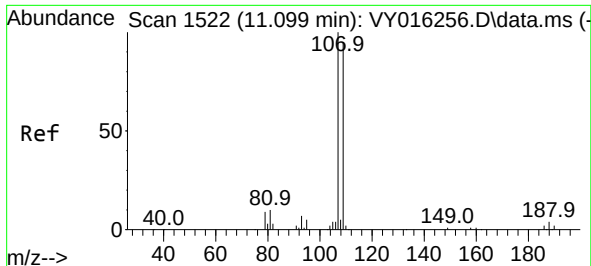
Tgt Ion: 43 Resp: 138916
Ion Ratio Lower Upper
43 100
58 62.8 25.1 75.3



#60
Dibromochloromethane
Concen: 59.757 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion:129 Resp: 82690
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

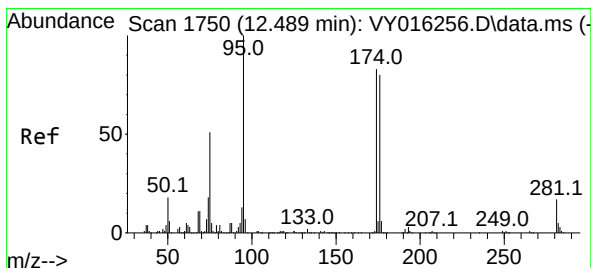
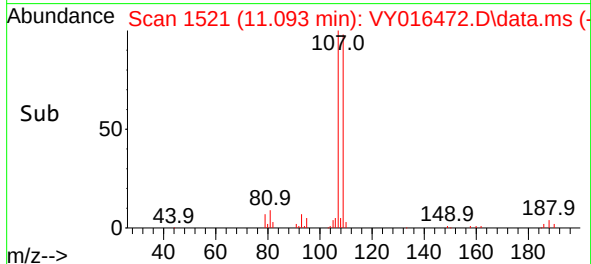
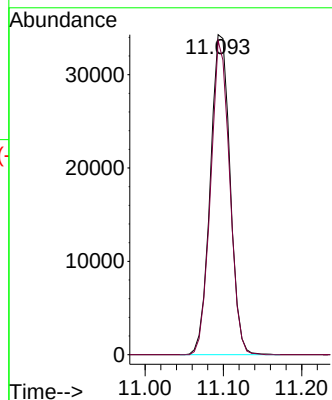
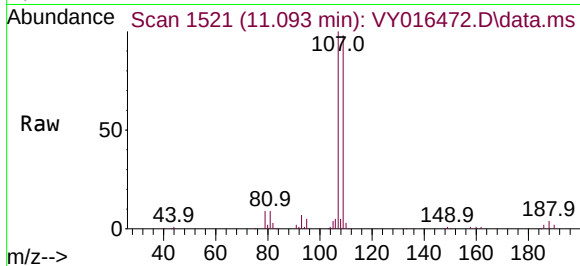




#61
1,2-Dibromoethane
Concen: 57.077 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

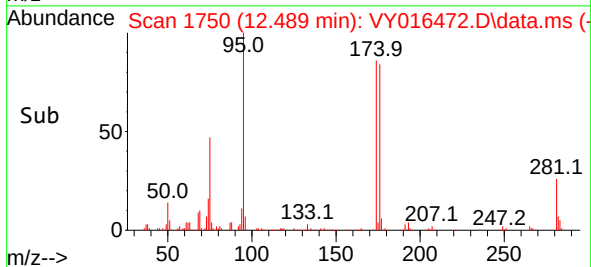
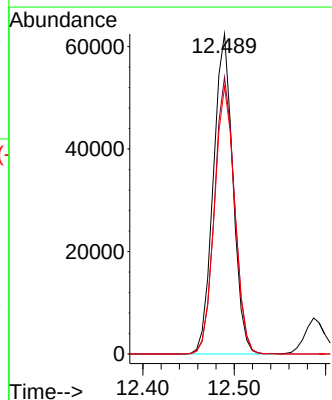
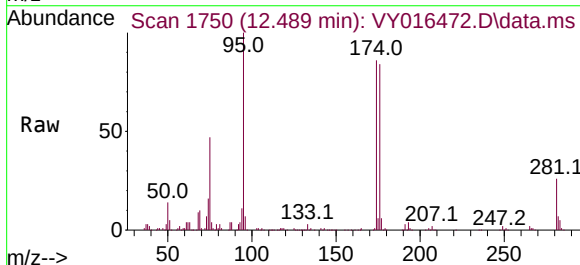
Instrument :
MSVOA_Y
ClientSampleId :

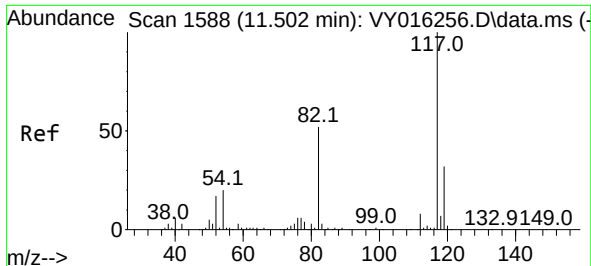
Tgt Ion:107 Resp: 60165
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.726 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion: 95 Resp: 92798
Ion Ratio Lower Upper
95 100
174 88.5 0.0 178.2
176 86.3 0.0 173.8

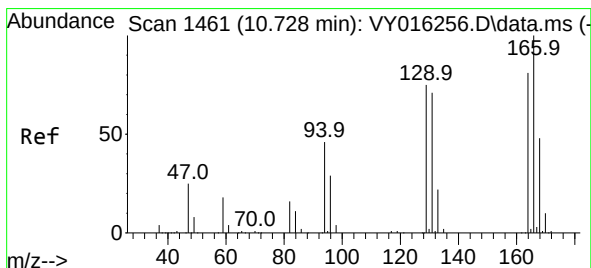
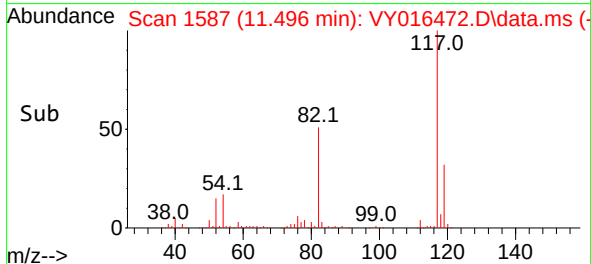
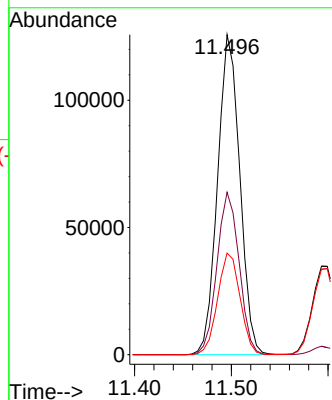
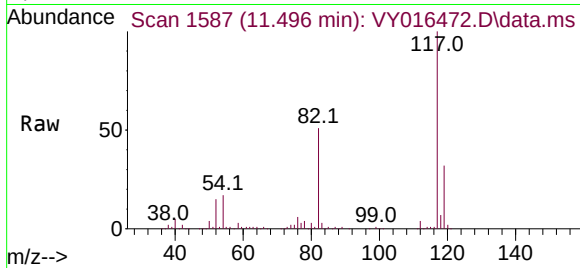




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

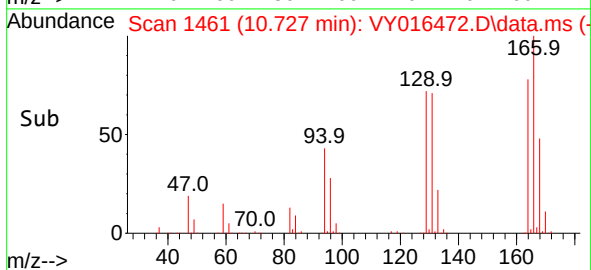
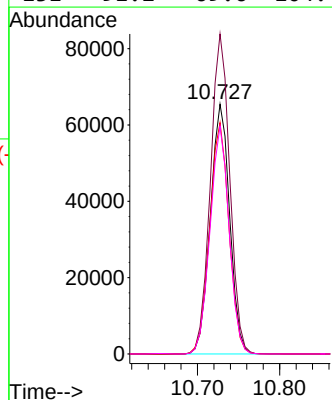
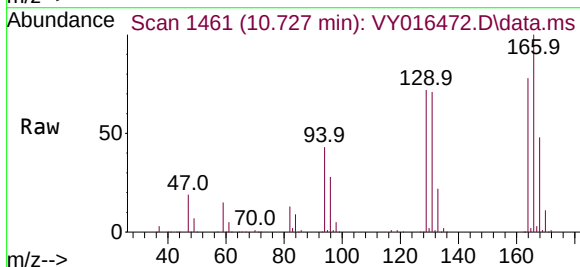
Instrument :
MSVOA_Y
ClientSampleId :

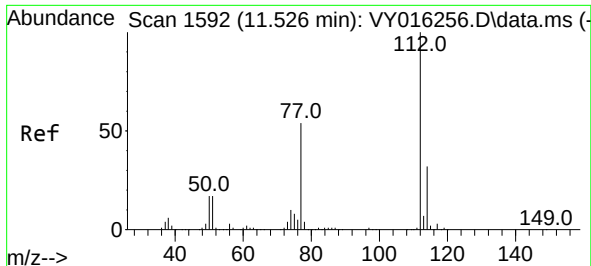
Tgt Ion:117 Resp: 200527
Ion Ratio Lower Upper
117 100
82 50.7 43.4 65.0
119 31.7 26.3 39.5



#64
Tetrachloroethene
Concen: 59.500 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion:164 Resp: 107131
Ion Ratio Lower Upper
164 100
166 128.1 103.0 154.6
129 92.6 77.2 115.8
131 91.2 69.6 104.4

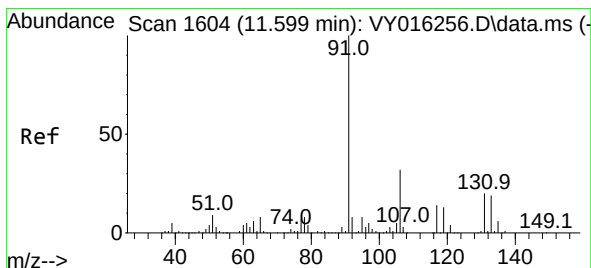
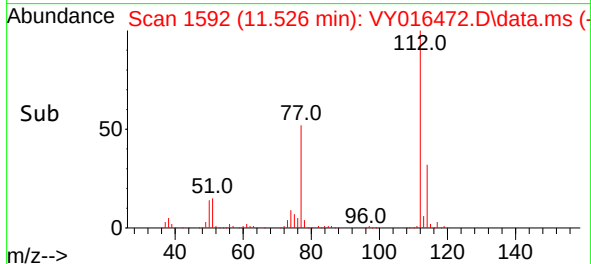
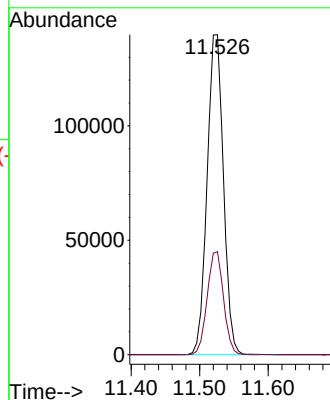
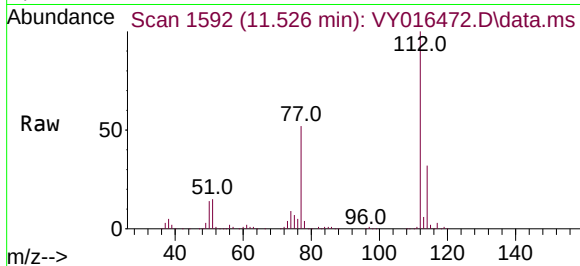




#65
Chlorobenzene
Concen: 54.140 ug/l
RT: 11.526 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

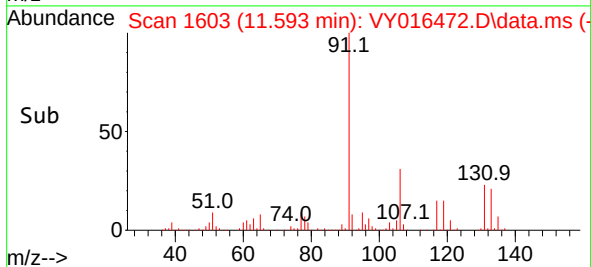
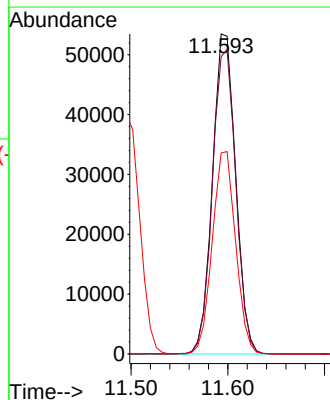
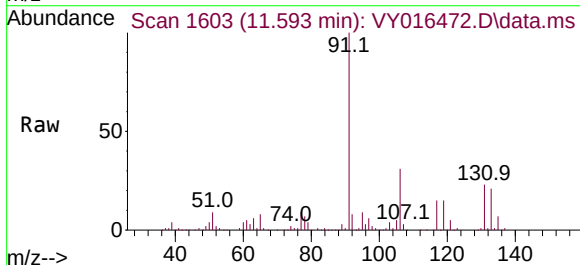
Instrument :
MSVOA_Y
ClientSampleId :

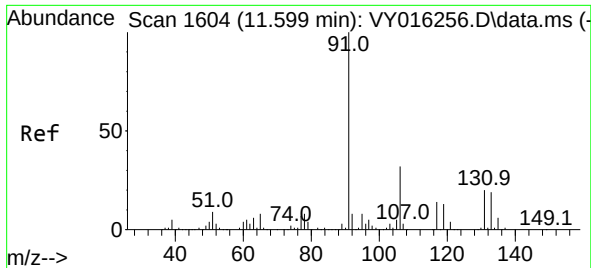
Tgt Ion:112 Resp: 231951
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 56.487 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion:131 Resp: 89260
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 63.7 31.6 94.7

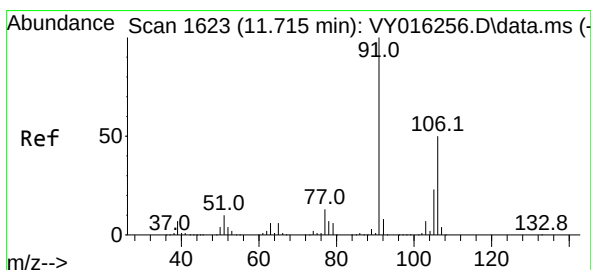
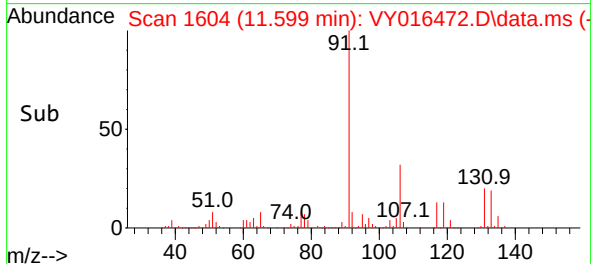
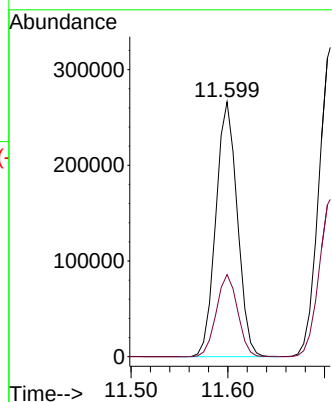
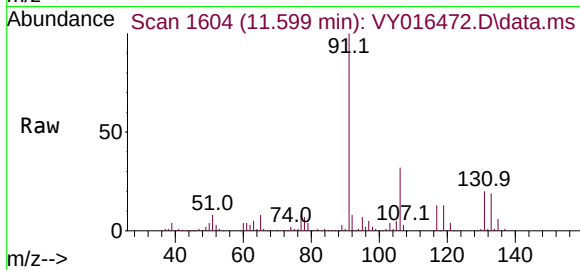




#67
Ethyl Benzene
Concen: 53.215 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

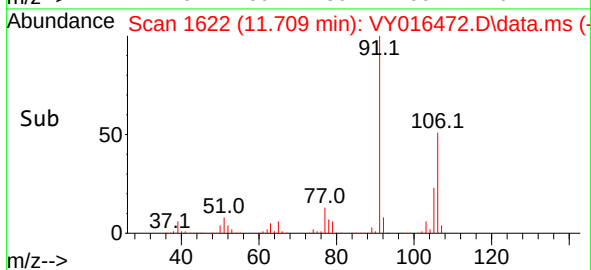
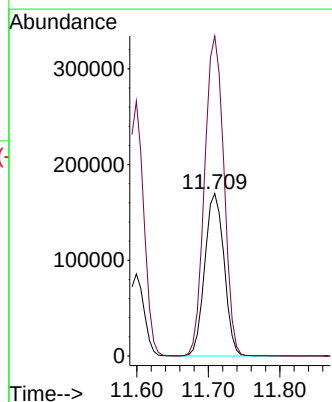
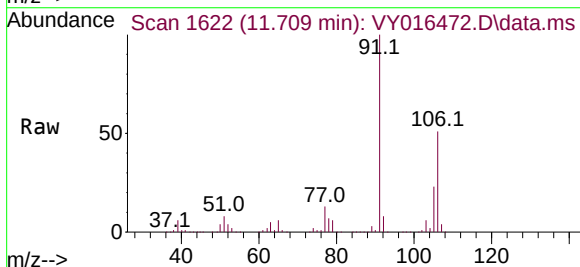
Instrument :
MSVOA_Y
ClientSampleId :

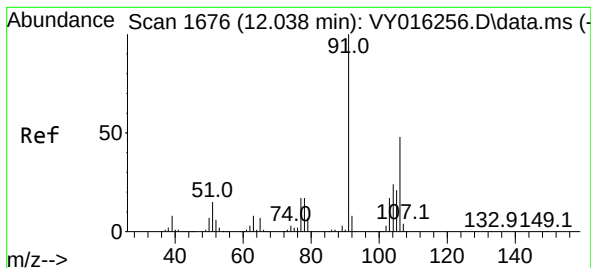
Tgt Ion: 91 Resp: 409735
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8



#68
m/p-Xylenes
Concen: 108.935 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.006 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion:106 Resp: 318132
Ion Ratio Lower Upper
106 100
91 197.0 166.1 249.1





#69

o-Xylene

Concen: 55.176 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Instrument :

MSVOA_Y

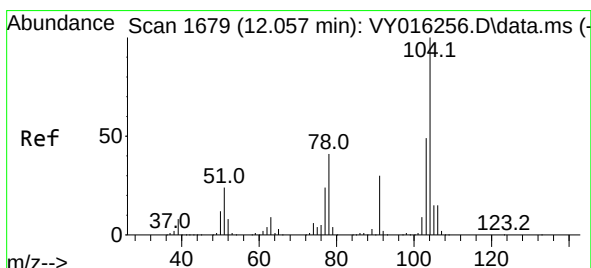
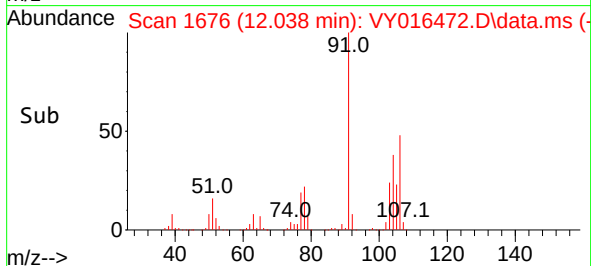
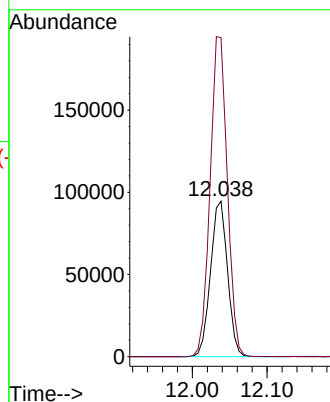
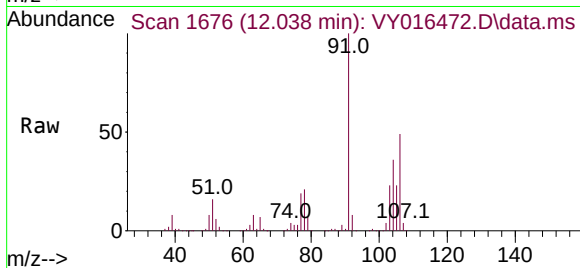
ClientSampleId :

Tgt Ion:106 Resp: 149607

Ion Ratio Lower Upper

106 100

91 208.3 108.1 324.3



#70

Styrene

Concen: 56.515 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

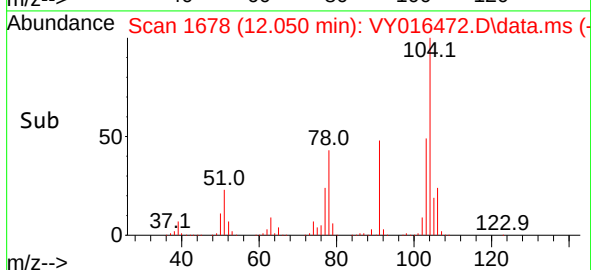
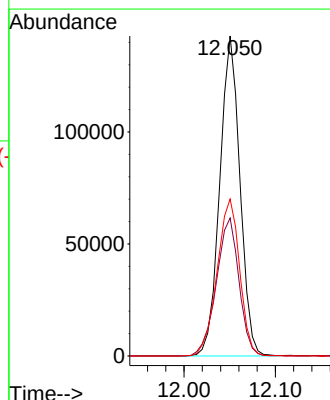
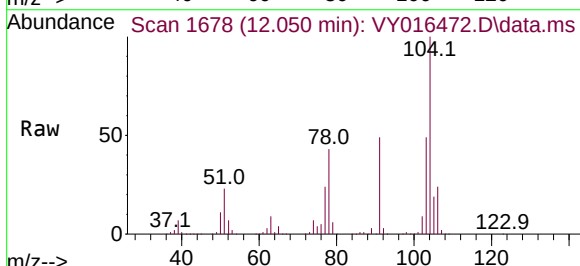
Tgt Ion:104 Resp: 219423

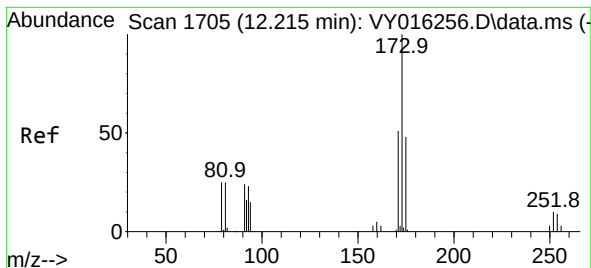
Ion Ratio Lower Upper

104 100

78 48.4 41.5 62.3

103 54.7 44.6 67.0





#71

Bromoform

Concen: 58.577 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

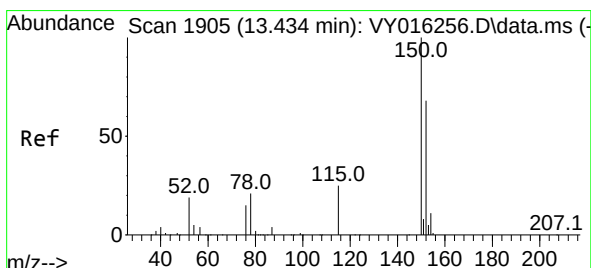
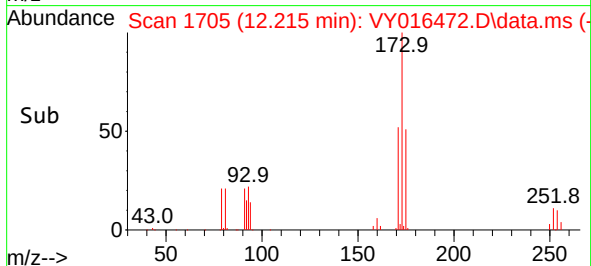
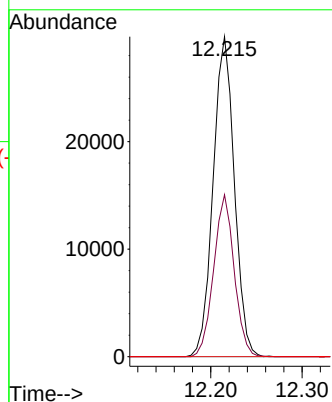
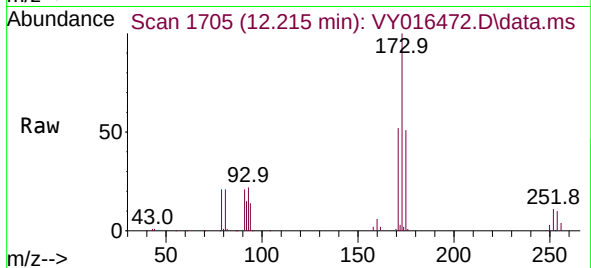
Tgt Ion:173 Resp: 48030

Ion Ratio Lower Upper

173 100

175 49.0 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. -0.000 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

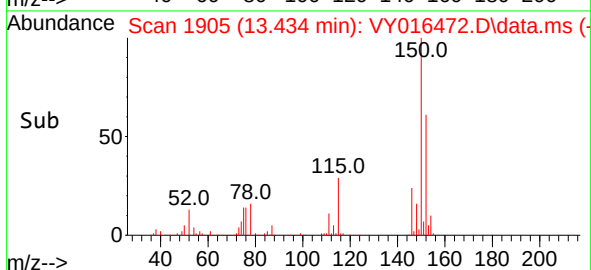
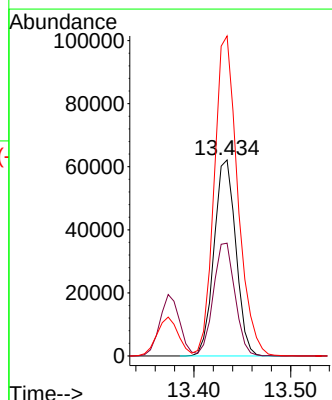
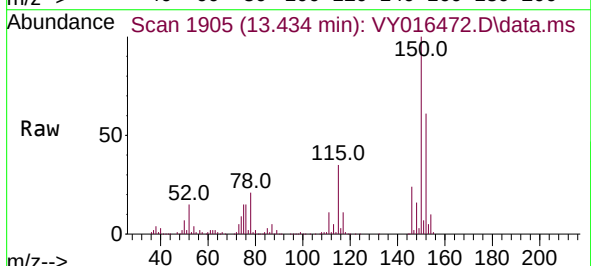
Tgt Ion:152 Resp: 96977

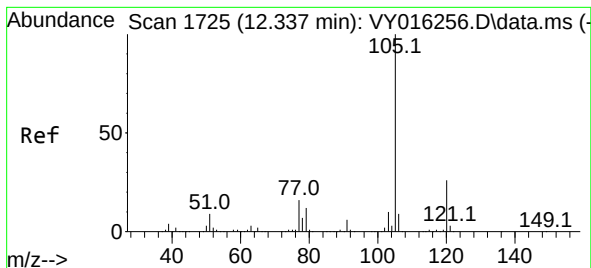
Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 176.5 0.0 348.8





#73

Isopropylbenzene

Concen: 51.421 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. -0.000 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Instrument :

MSVOA_Y

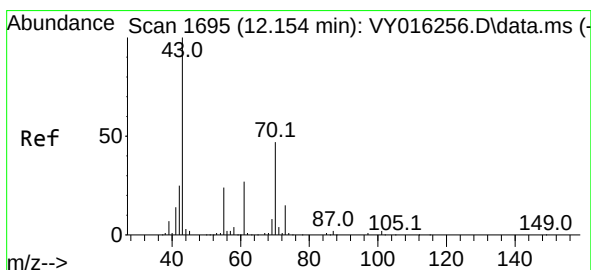
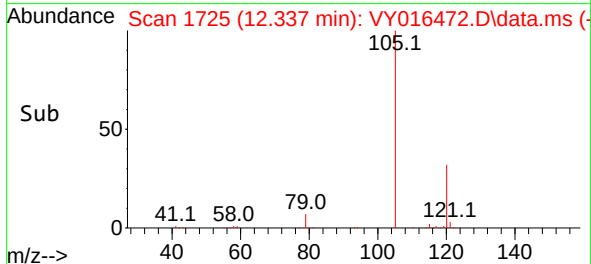
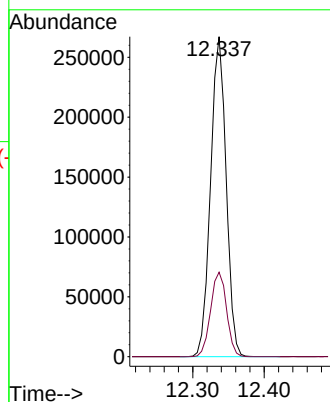
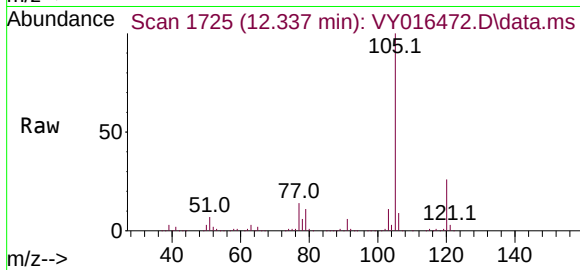
ClientSampleId :

Tgt Ion:105 Resp: 403806

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 41.718 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Tgt Ion: 43 Resp: 65806

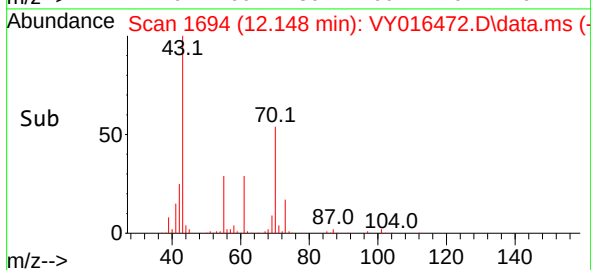
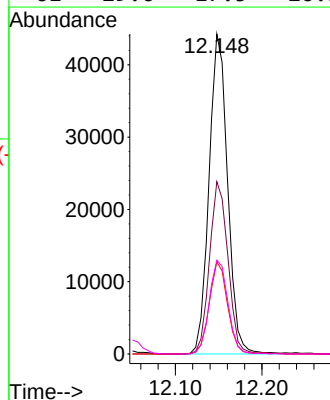
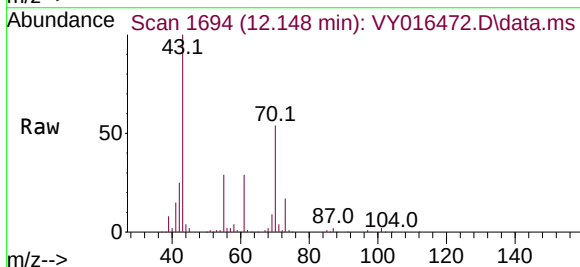
Ion Ratio Lower Upper

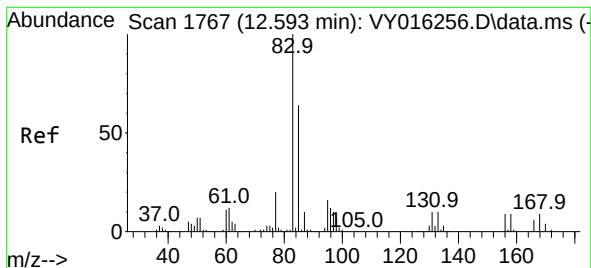
43 100

70 53.7 29.7 44.5#

55 28.5 18.3 27.5#

61 29.6 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 49.092 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

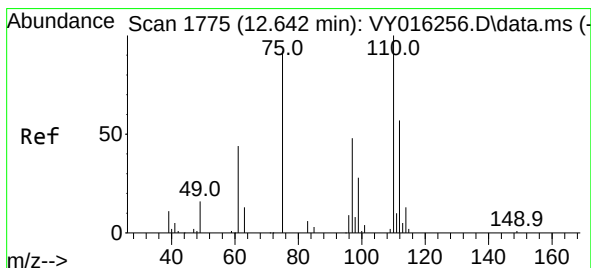
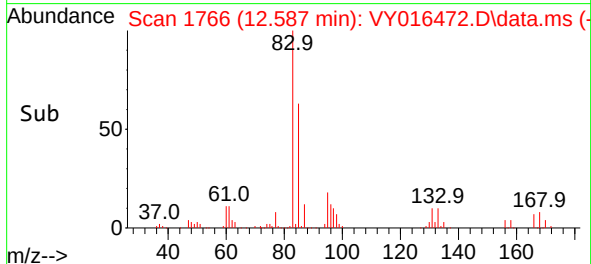
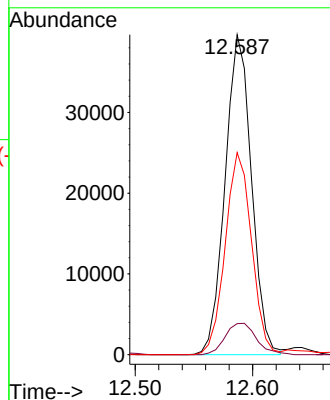
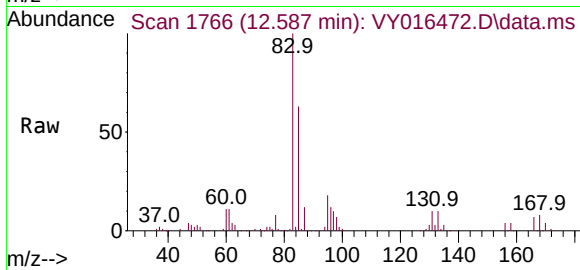
Tgt Ion: 83 Resp: 61862

Ion Ratio Lower Upper

83 100

131 11.6 5.4 16.2

85 63.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 89.602 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016472.D

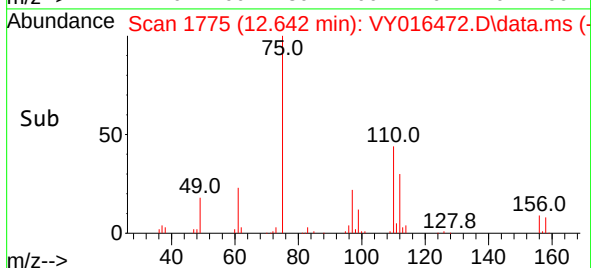
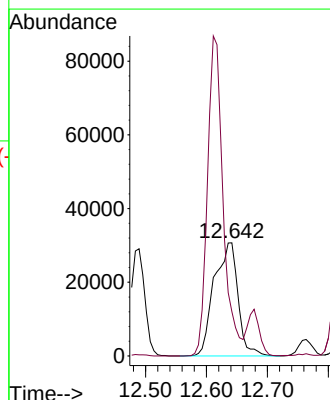
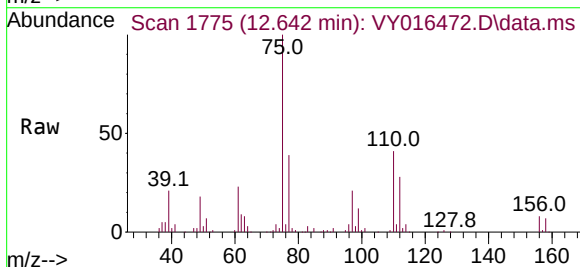
Acq: 22 Nov 2023 19:04

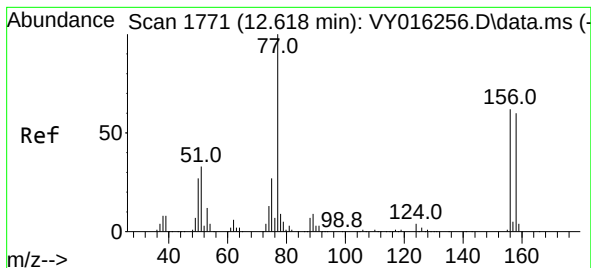
Tgt Ion: 75 Resp: 83356

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.557 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

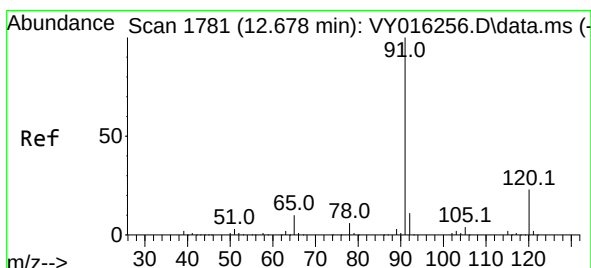
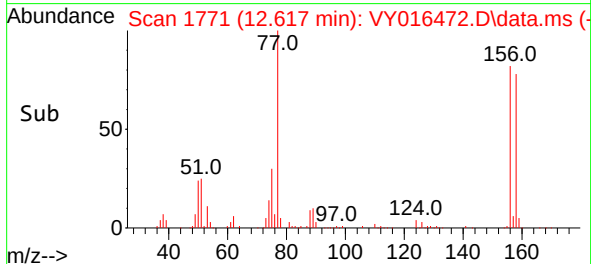
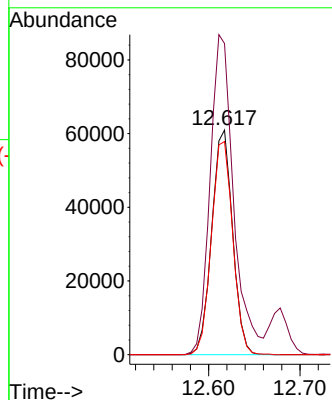
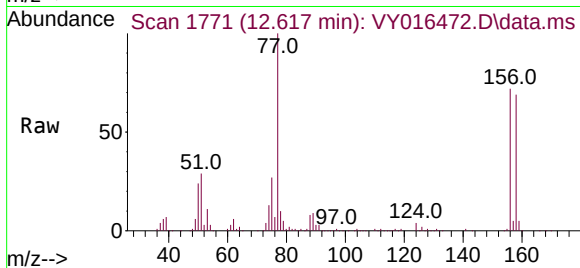
Tgt Ion:156 Resp: 96832

Ion Ratio Lower Upper

156 100

77 160.8 92.8 278.6

158 97.2 48.4 145.3



#78

n-propylbenzene

Concen: 50.032 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016472.D

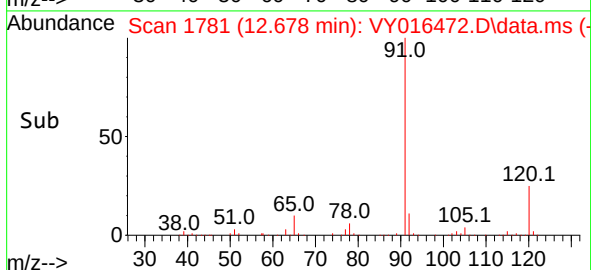
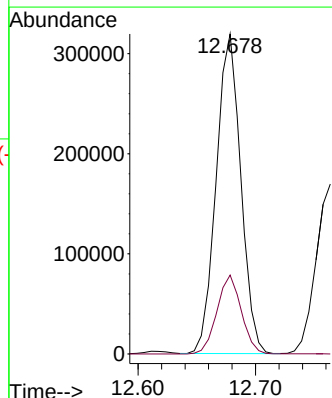
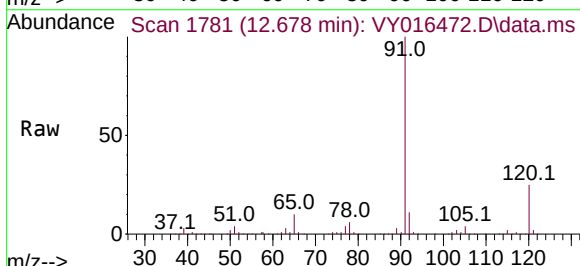
Acq: 22 Nov 2023 19:04

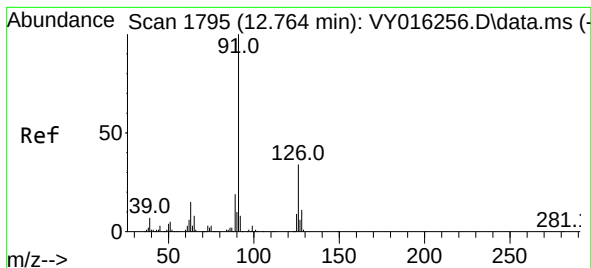
Tgt Ion: 91 Resp: 464325

Ion Ratio Lower Upper

91 100

120 24.4 11.5 34.4

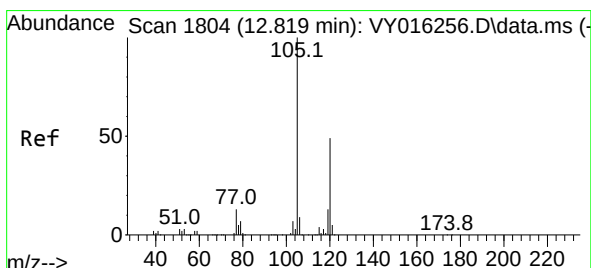
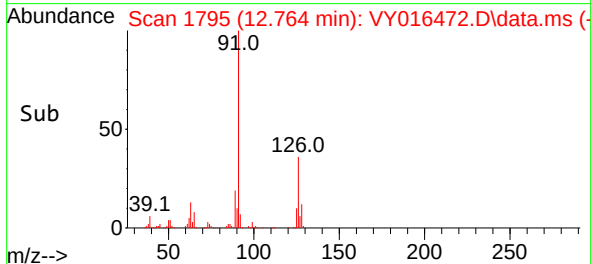
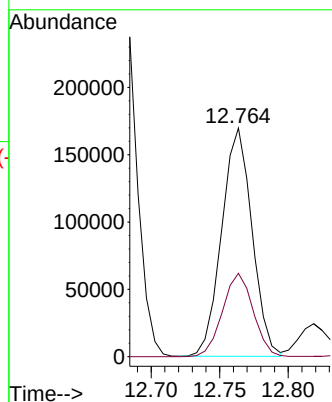
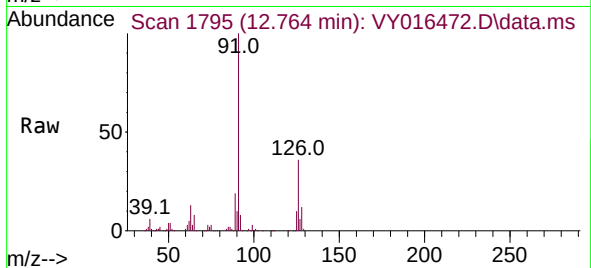




#79
2-Chlorotoluene
Concen: 51.108 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

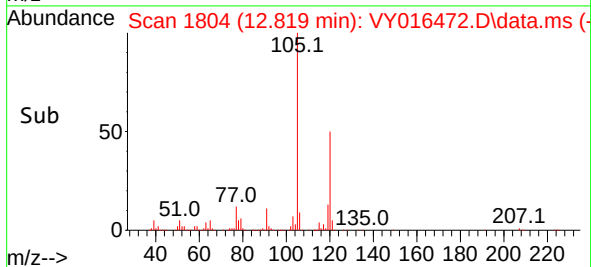
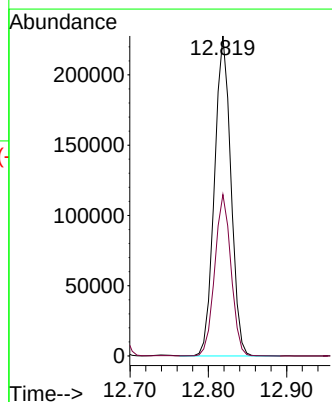
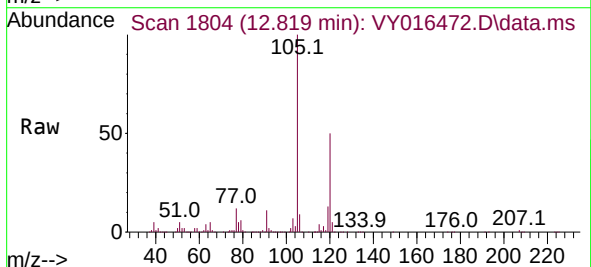
Instrument :
MSVOA_Y
ClientSampleId :

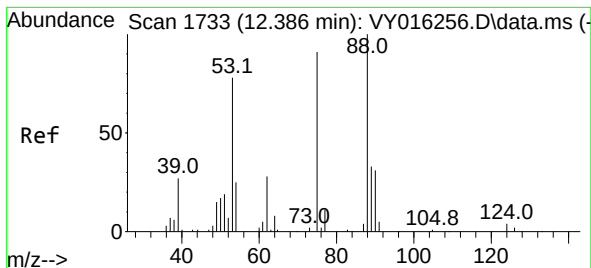
Tgt Ion: 91 Resp: 261391
Ion Ratio Lower Upper
91 100
126 36.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 52.350 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion: 105 Resp: 331453
Ion Ratio Lower Upper
105 100
120 49.9 23.9 71.7

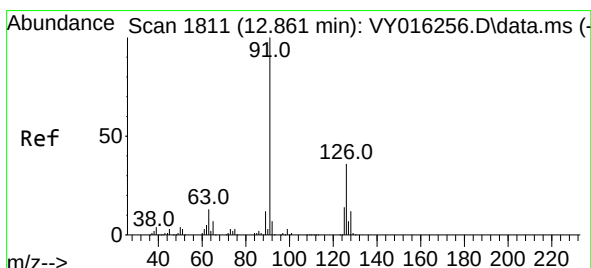
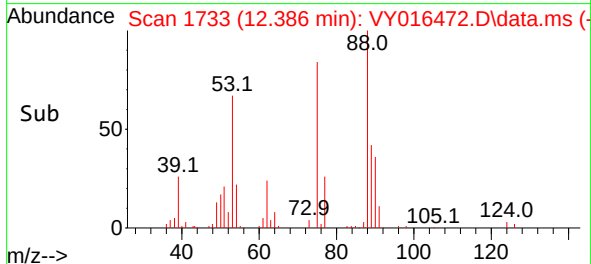
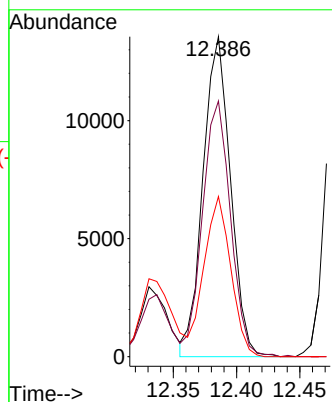
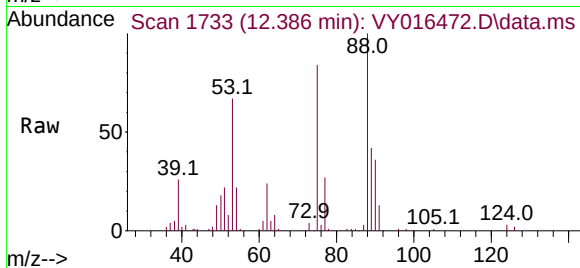




#81
trans-1,4-Dichloro-2-butene
Concen: 47.792 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

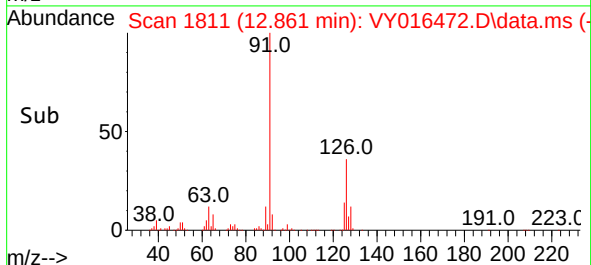
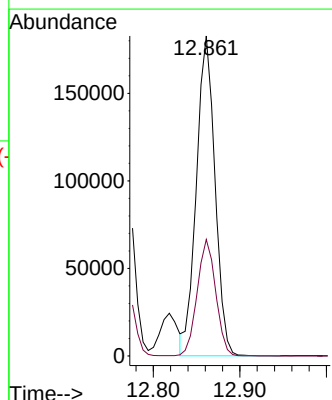
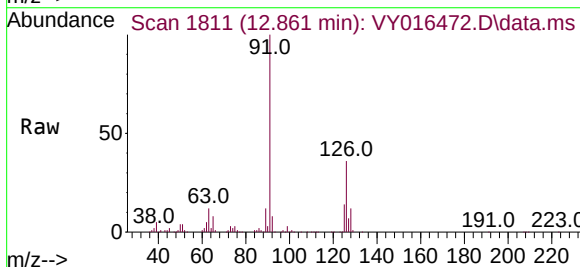
Instrument :
MSVOA_Y
ClientSampleId :

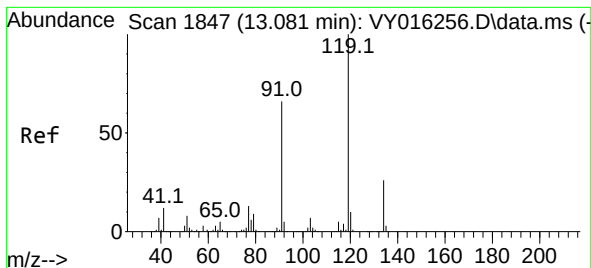
Tgt Ion: 75 Resp: 20483
Ion Ratio Lower Upper
75 100
53 81.8 77.8 116.8
89 48.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.511 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion: 91 Resp: 272231
Ion Ratio Lower Upper
91 100
126 36.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.819 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. -0.000 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

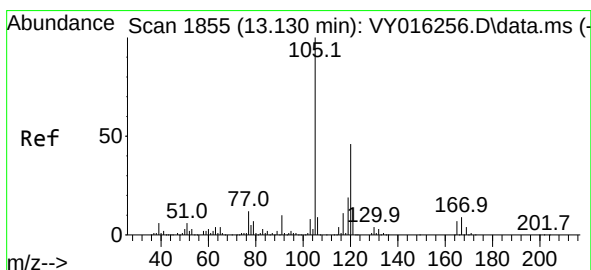
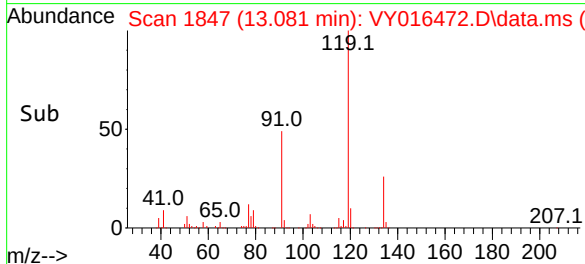
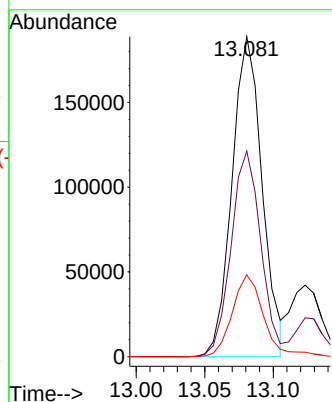
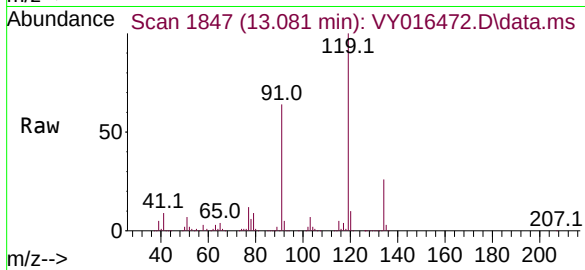
Tgt Ion:119 Resp: 288986

Ion Ratio Lower Upper

119 100

91 63.3 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.751 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY016472.D

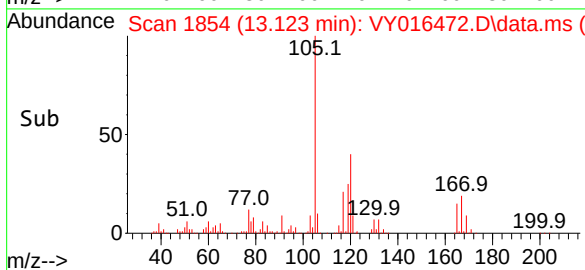
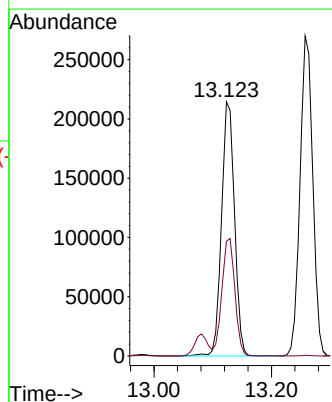
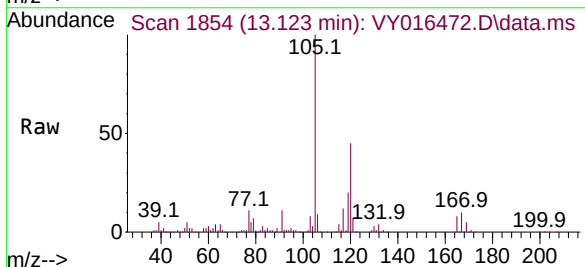
Acq: 22 Nov 2023 19:04

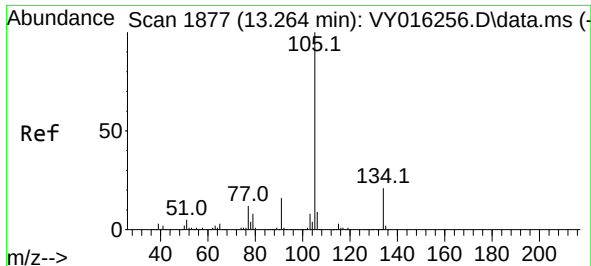
Tgt Ion:105 Resp: 328868

Ion Ratio Lower Upper

105 100

120 46.1 22.2 66.6

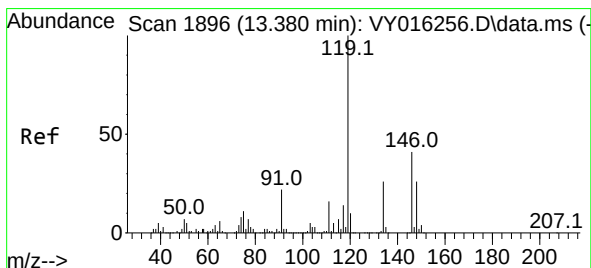
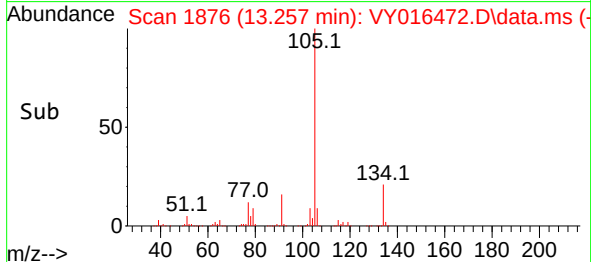
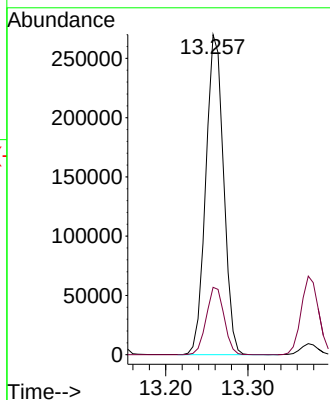
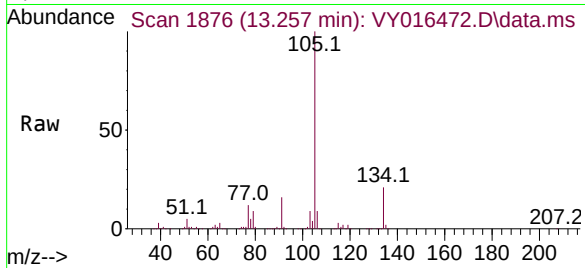




#85
 sec-Butylbenzene
 Concen: 50.904 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VY016472.D
 Acq: 22 Nov 2023 19:04

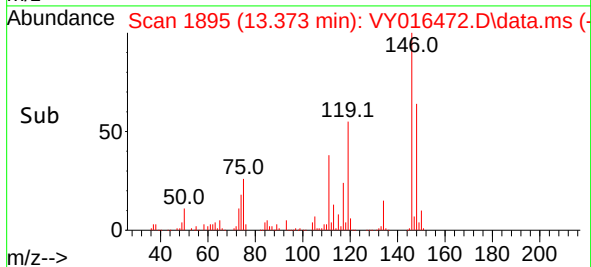
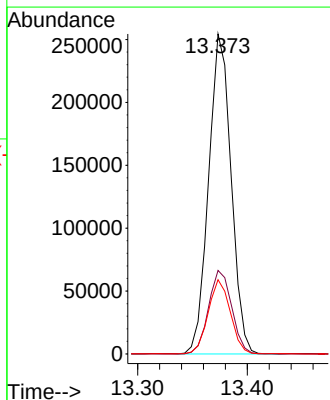
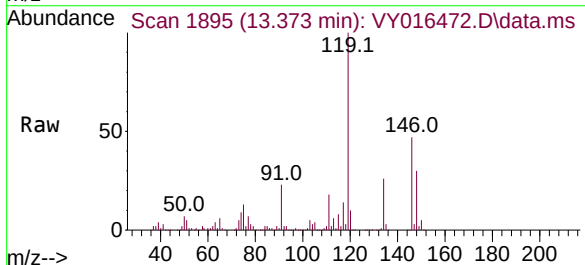
Instrument :
 MSVOA_Y
 ClientSampleId :

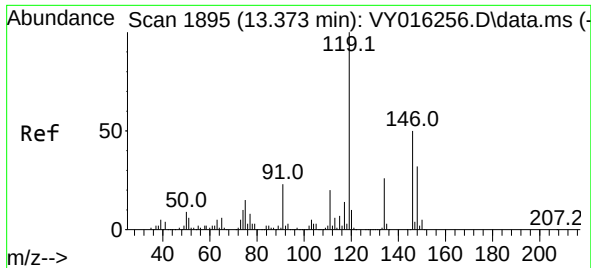
Tgt Ion:105 Resp: 405569
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 52.858 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY016472.D
 Acq: 22 Nov 2023 19:04

Tgt Ion:119 Resp: 362624
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 22.9 12.4 37.4

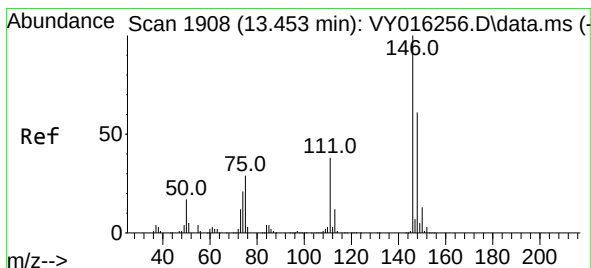
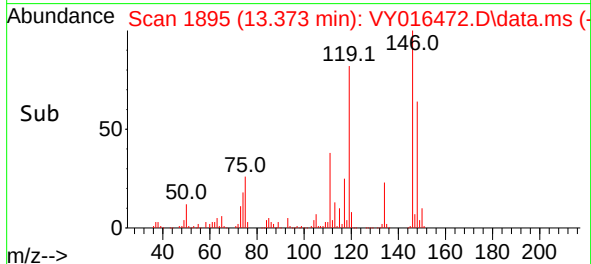
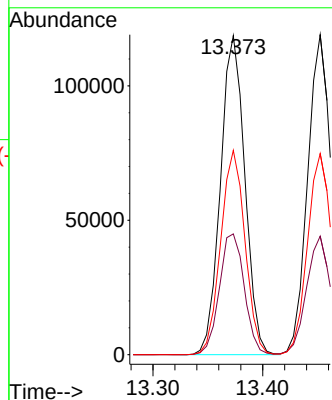
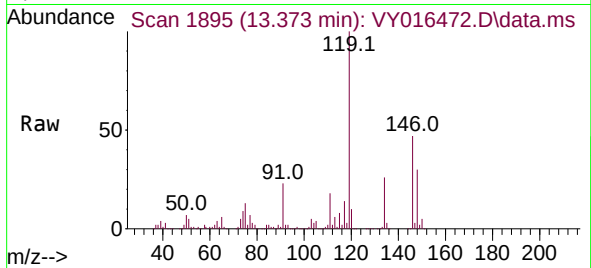




#87
1,3-Dichlorobenzene
Concen: 53.698 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

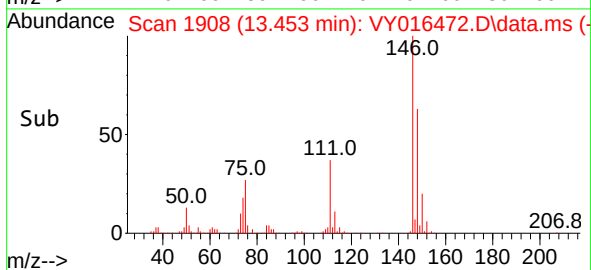
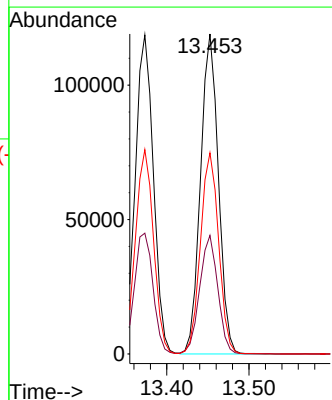
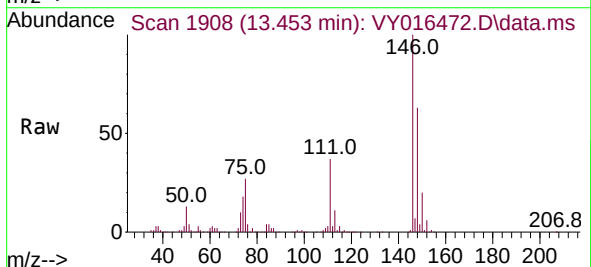
Instrument :
MSVOA_Y
ClientSampleId :

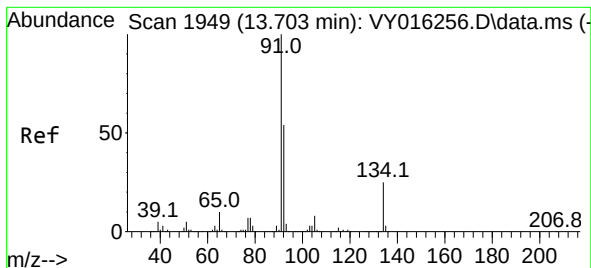
Tgt Ion:146 Resp: 183358
Ion Ratio Lower Upper
146 100
111 38.7 19.4 58.2
148 63.9 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 53.910 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY016472.D
Acq: 22 Nov 2023 19:04

Tgt Ion:146 Resp: 179904
Ion Ratio Lower Upper
146 100
111 37.5 18.9 56.7
148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 50.547 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

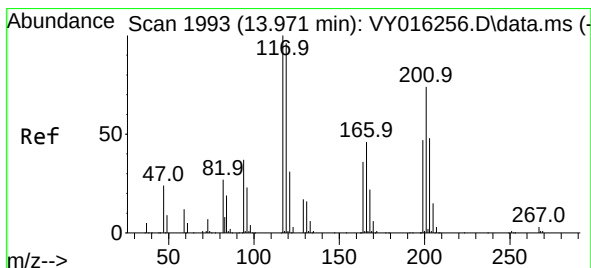
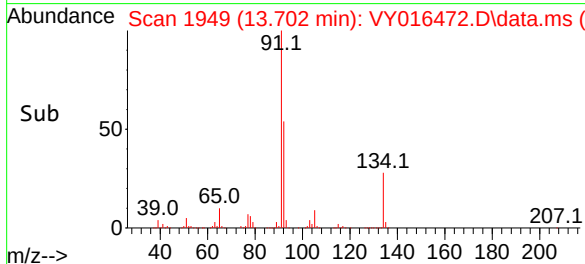
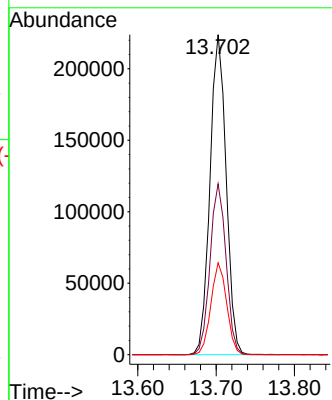
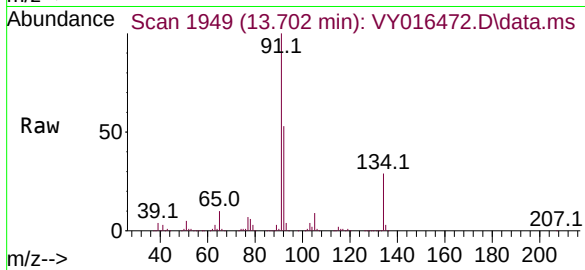
Tgt Ion: 91 Resp: 320244

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 28.0 12.6 37.6



#90

Hexachloroethane

Concen: 53.501 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016472.D

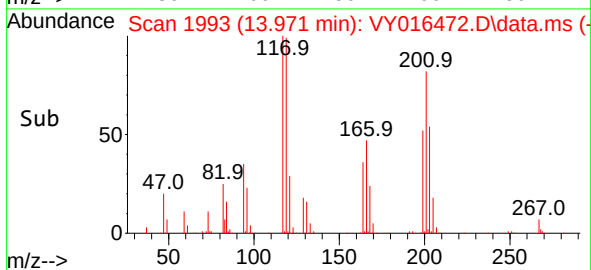
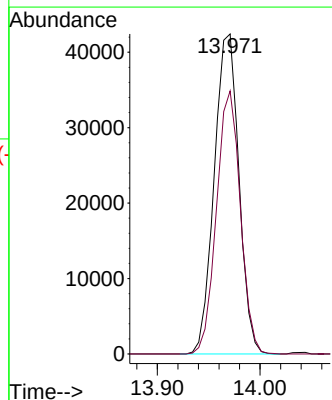
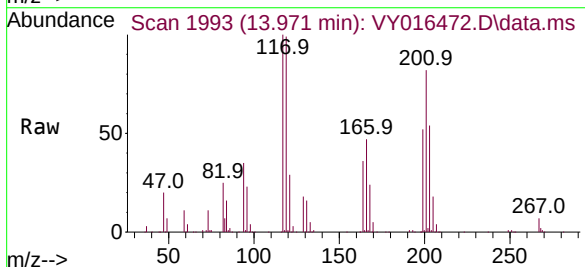
Acq: 22 Nov 2023 19:04

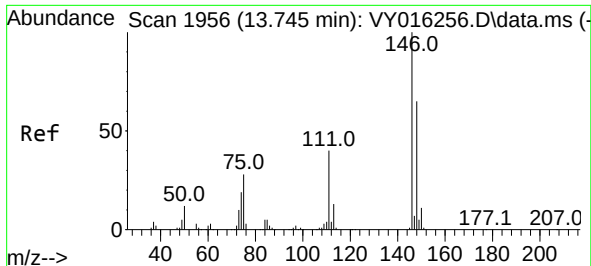
Tgt Ion: 117 Resp: 70803

Ion Ratio Lower Upper

117 100

201 79.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 55.475 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

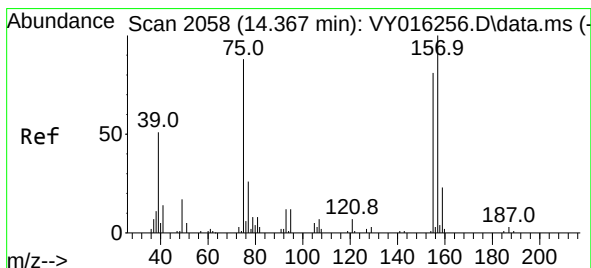
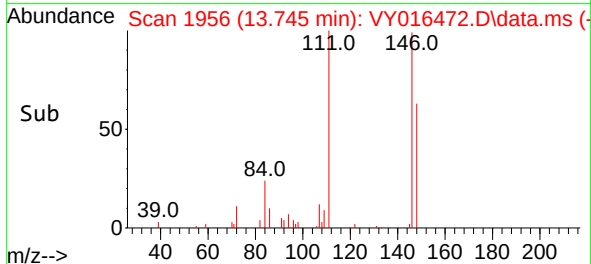
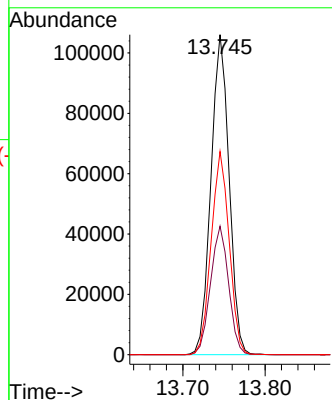
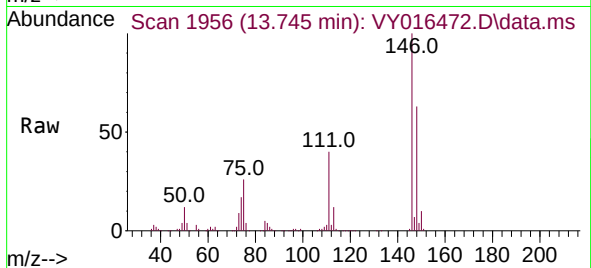
Tgt Ion:146 Resp: 162320

Ion Ratio Lower Upper

146 100

111 40.2 19.7 59.0

148 63.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.248 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

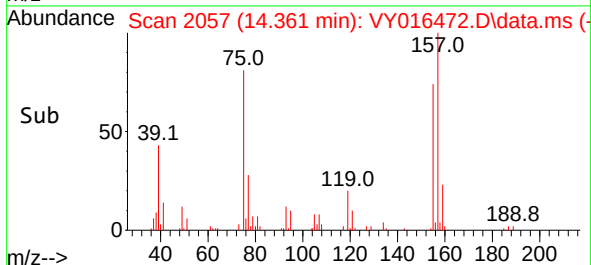
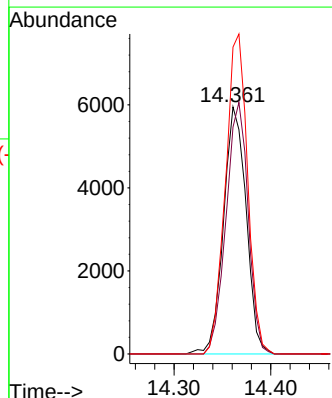
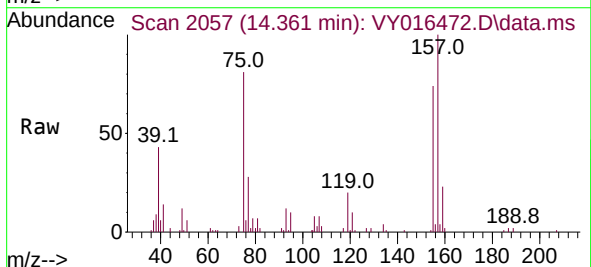
Tgt Ion: 75 Resp: 9673

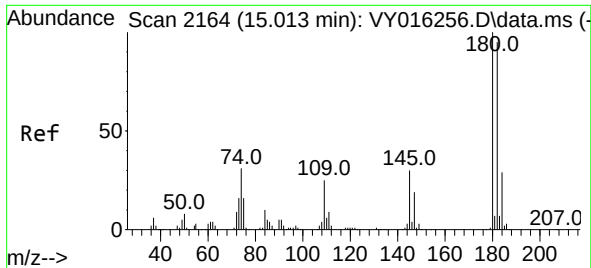
Ion Ratio Lower Upper

75 100

155 99.3 41.5 124.6

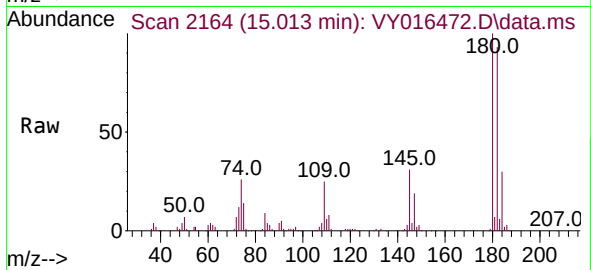
157 126.5 51.8 155.5



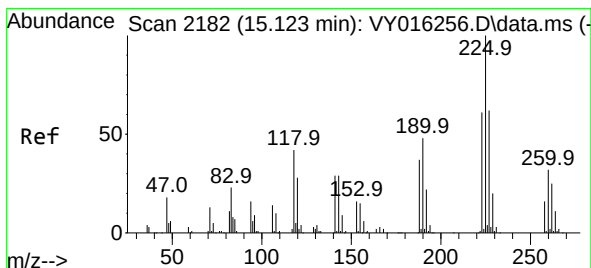
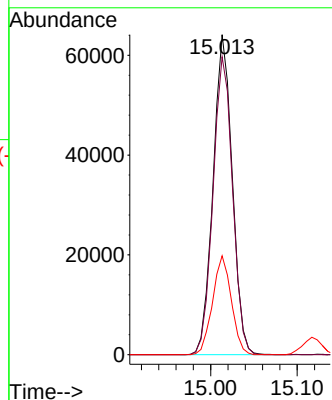
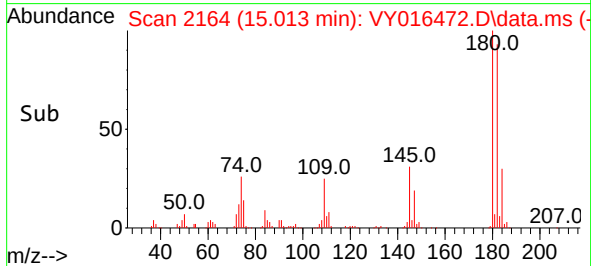


#93
 1,2,4-Trichlorobenzene
 Concen: 57.759 ug/l
 RT: 15.013 min Scan# 2164
 Delta R.T. -0.000 min
 Lab File: VY016472.D
 Acq: 22 Nov 2023 19:04

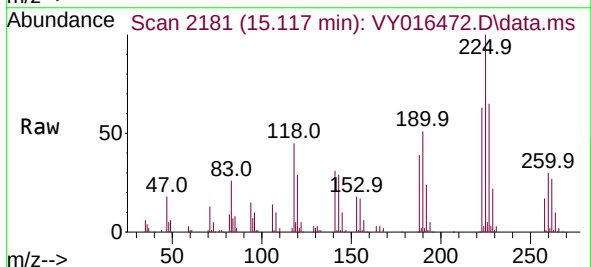
Instrument :
 MSVOA_Y
 ClientSampleId :



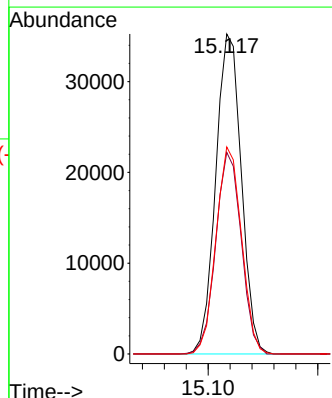
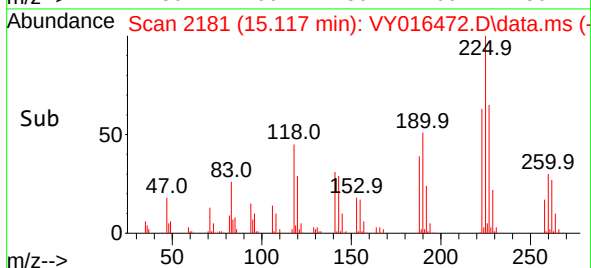
Tgt Ion:180 Resp: 98648
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.0 141.2
 145 30.2 14.5 43.5

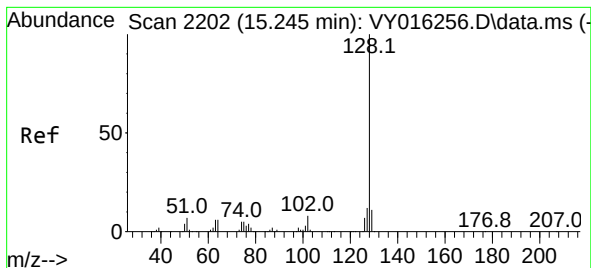


#94
 Hexachlorobutadiene
 Concen: 58.499 ug/l
 RT: 15.117 min Scan# 2181
 Delta R.T. -0.006 min
 Lab File: VY016472.D
 Acq: 22 Nov 2023 19:04



Tgt Ion:225 Resp: 57240
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.9 95.9
 227 64.4 33.0 98.9





#95

Naphthalene

Concen: 57.414 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

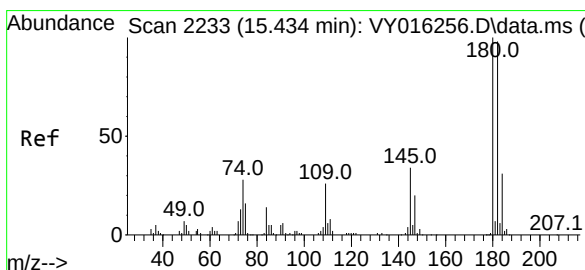
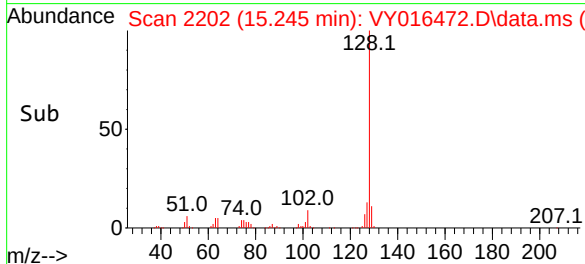
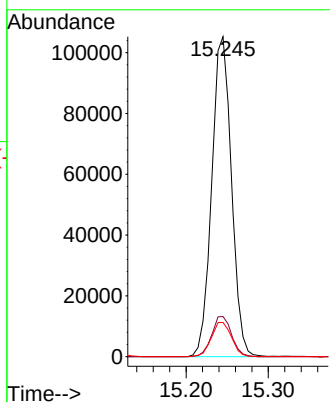
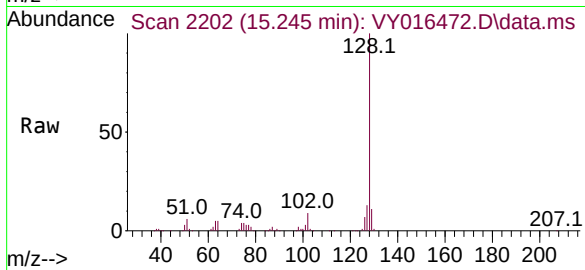
Tgt Ion:128 Resp: 175380

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 58.357 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016472.D

Acq: 22 Nov 2023 19:04

Tgt Ion:180 Resp: 82438

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.8

145 32.7 15.4 46.2

