

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016356.D
 Acq On : 15 Nov 2023 10:04
 Operator : SY/MD
 Sample : VY1115SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 00:00:55 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	7.813	168	158827	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	255033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	219448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	101497	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	73227	50.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.900%	
35) Dibromofluoromethane	7.740	113	78797	54.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.780%	
50) Toluene-d8	10.197	98	308526	52.515	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.040%	
62) 4-Bromofluorobenzene	12.495	95	96432	50.538	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.080%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	29741	19.124	ug/l	99
3) Chloromethane	2.125	50	31691	17.400	ug/l	98
4) Vinyl Chloride	2.265	62	34574	17.653	ug/l	98
5) Bromomethane	2.668	94	21417	16.640	ug/l	100
6) Chloroethane	2.814	64	21880	17.508	ug/l	97
7) Trichlorofluoromethane	3.149	101	55486	19.473	ug/l	97
8) Diethyl Ether	3.552	74	15846	18.607	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.924	101	33431	19.480	ug/l	94
10) Methyl Iodide	4.119	142	33085	17.850	ug/l	99
11) Tert butyl alcohol	4.984	59	8573	75.418	ug/l #	95
12) 1,1-Dichloroethene	3.899	96	30565	19.044	ug/l	83
13) Acrolein	3.753	56	12127	88.447	ug/l	99
14) Allyl chloride	4.515	41	42093	18.481	ug/l #	92
15) Acrylonitrile	5.192	53	30747	90.978	ug/l	98
16) Acetone	3.966	43	24678	102.776	ug/l #	89
17) Carbon Disulfide	4.222	76	81269	16.782	ug/l	99
18) Methyl Acetate	4.503	43	22337	17.507	ug/l #	91
19) Methyl tert-butyl Ether	5.253	73	70559	18.164	ug/l	100
20) Methylene Chloride	4.747	84	35408	18.695	ug/l	87
21) trans-1,2-Dichloroethene	5.247	96	33951	18.372	ug/l	89
22) Diisopropyl ether	6.149	45	94058	19.162	ug/l #	87
23) Vinyl Acetate	6.088	43	214869	90.342	ug/l #	91
24) 1,1-Dichloroethane	6.051	63	58564	19.340	ug/l	97
25) 2-Butanone	7.015	43	39882	94.828	ug/l #	88
26) 2,2-Dichloropropane	7.008	77	54466	19.762	ug/l	97
27) cis-1,2-Dichloroethene	7.015	96	38241	19.202	ug/l	92
28) Bromochloromethane	7.362	49	22470	20.050	ug/l	89
29) Tetrahydrofuran	7.374	42	23639	85.037	ug/l	90
30) Chloroform	7.533	83	62841	19.937	ug/l	99
31) Cyclohexane	7.807	56	51475	18.011	ug/l	90
32) 1,1,1-Trichloroethane	7.728	97	56850	19.676	ug/l	97
36) 1,1-Dichloropropene	7.941	75	47166	18.749	ug/l	99
37) Ethyl Acetate	7.100	43	17917	17.627	ug/l	96
38) Carbon Tetrachloride	7.923	117	52235	20.007	ug/l	97
39) Methylcyclohexane	9.203	83	56868	18.142	ug/l	92
40) Benzene	8.185	78	138039	19.531	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	8537	16.658	ug/l	95
42) 1,2-Dichloroethane	8.258	62	34690	18.943	ug/l	92
43) Isopropyl Acetate	8.295	43	33957	17.283	ug/l #	90
44) Trichloroethene	8.959	130	39424	19.409	ug/l	99
45) 1,2-Dichloropropane	9.234	63	33105	19.504	ug/l	96
46) Dibromomethane	9.325	93	17292	18.799	ug/l	97
47) Bromodichloromethane	9.514	83	46867	19.819	ug/l	97
48) Methyl methacrylate	9.313	41	19015	17.512	ug/l	87
49) 1,4-Dioxane	9.319	88	3270	334.864	ug/l #	60
51) 4-Methyl-2-Pentanone	10.087	43	87216	87.784	ug/l	91
52) Toluene	10.264	92	86039	19.258	ug/l	97
53) t-1,3-Dichloropropene	10.483	75	43399	18.931	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	52615	19.216	ug/l #	90
55) 1,1,2-Trichloroethane	10.660	97	24395	19.242	ug/l	99
56) Ethyl methacrylate	10.526	69	20939	17.497	ug/l #	86
57) 1,3-Dichloropropane	10.807	76	41634	19.266	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	71979	88.701	ug/l	93
59) 2-Hexanone	10.849	43	71314	96.499	ug/l	89
60) Dibromochloromethane	11.002	129	31223	19.692	ug/l	99
61) 1,2-Dibromoethane	11.105	107	23376	19.354	ug/l	98
64) Tetrachloroethene	10.733	164	38688	19.634	ug/l	95
65) Chlorobenzene	11.532	112	93141	19.866	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	35027	20.255	ug/l	99
67) Ethyl Benzene	11.611	91	166663	19.779	ug/l	97
68) m/p-Xylenes	11.721	106	127056	39.755	ug/l	95
69) o-Xylene	12.044	106	59233	19.962	ug/l	95
70) Styrene	12.062	104	83974	19.764	ug/l	98
71) Bromoform	12.227	173	17657	19.678	ug/l #	97
73) Isopropylbenzene	12.343	105	161536	19.654	ug/l	99
74) N-amyl acetate	12.154	43	27057	16.389	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.593	83	25221	19.123	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	33304	34.205	ug/l #	100
77) Bromobenzene	12.623	156	35805	19.275	ug/l	96
78) n-propylbenzene	12.684	91	192314	19.799	ug/l	99
79) 2-Chlorotoluene	12.770	91	105381	19.687	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	131660	19.869	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	8273	18.443	ug/l	91
82) 4-Chlorotoluene	12.867	91	108387	19.596	ug/l	99
83) tert-Butylbenzene	13.087	119	115415	19.774	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	128836	19.745	ug/l	99
85) sec-Butylbenzene	13.270	105	167318	20.065	ug/l	100
86) p-Isopropyltoluene	13.379	119	143778	20.024	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	69552	19.462	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	69693	19.954	ug/l	98
89) n-Butylbenzene	13.709	91	131851	19.884	ug/l	98
90) Hexachloroethane	13.971	117	27757	20.040	ug/l	91
91) 1,2-Dichlorobenzene	13.751	146	59243	19.345	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3334	15.889	ug/l	87
93) 1,2,4-Trichlorobenzene	15.019	180	33390	18.679	ug/l	98
94) Hexachlorobutadiene	15.123	225	20516	20.033	ug/l	98
95) Naphthalene	15.251	128	53329	16.681	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	25662	17.357	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

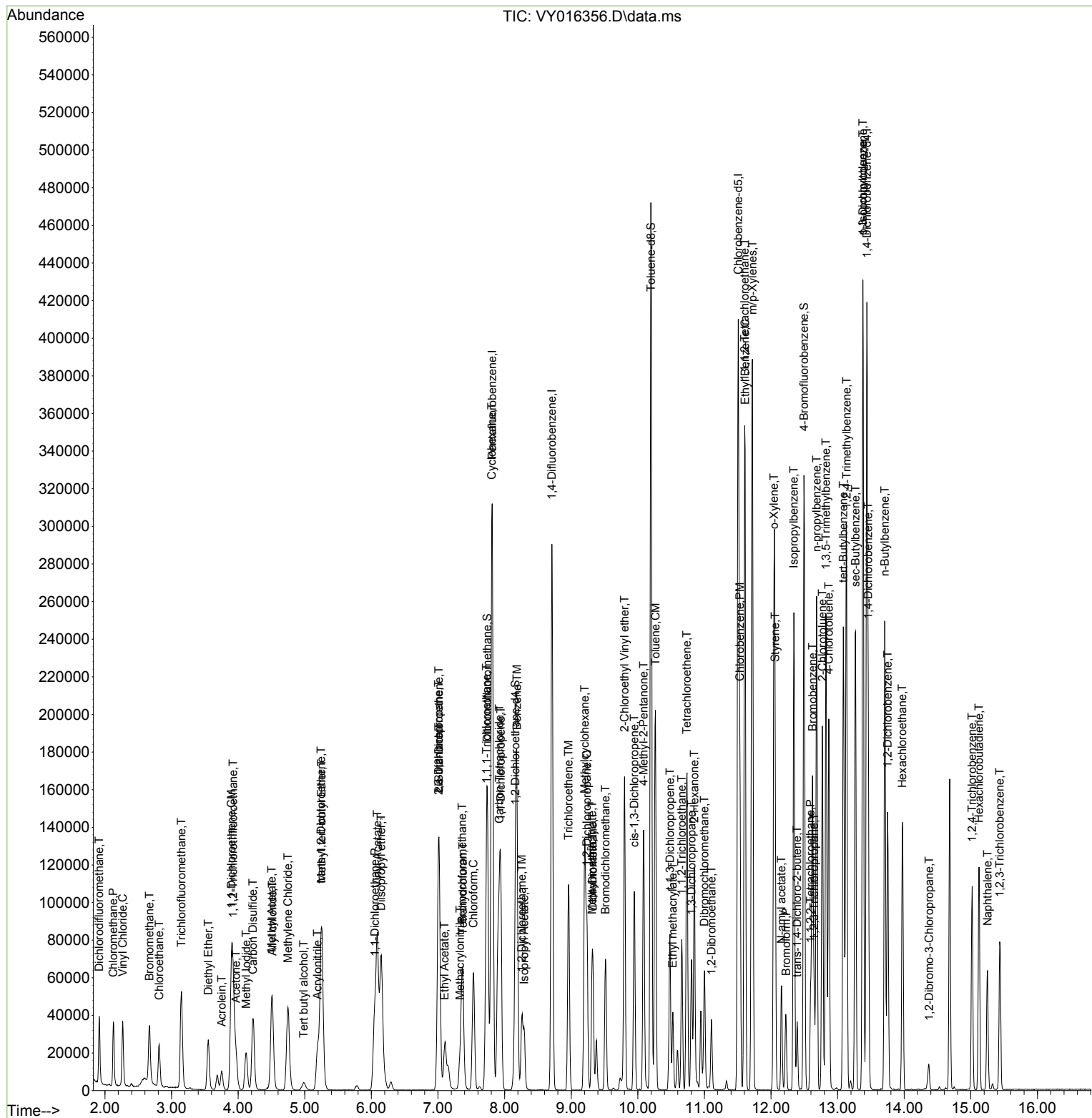
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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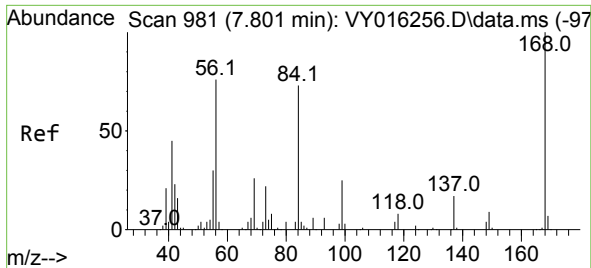
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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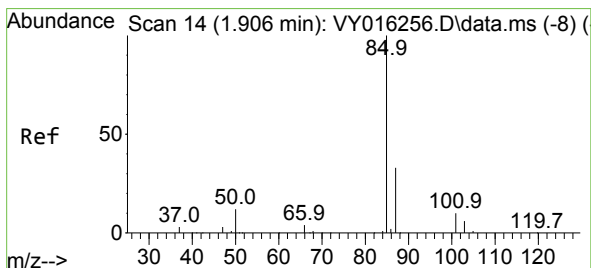
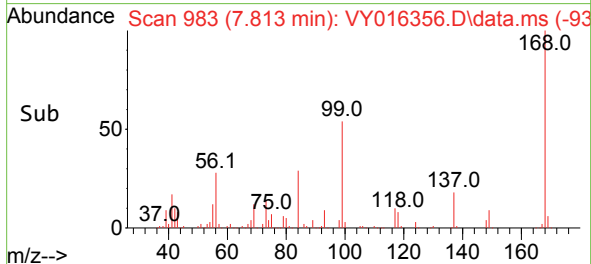
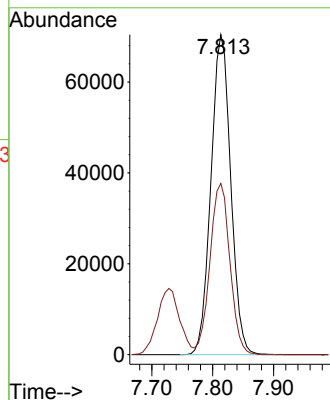
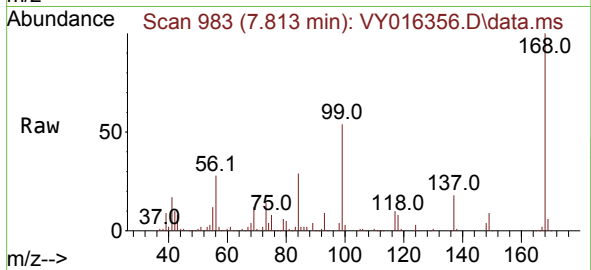




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016356.D
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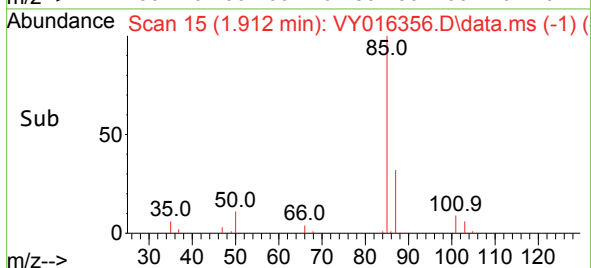
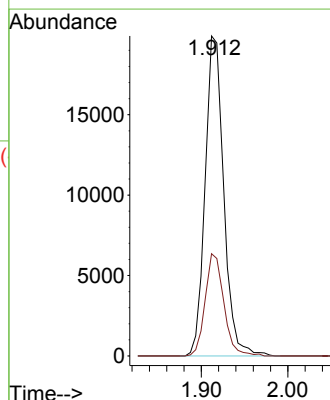
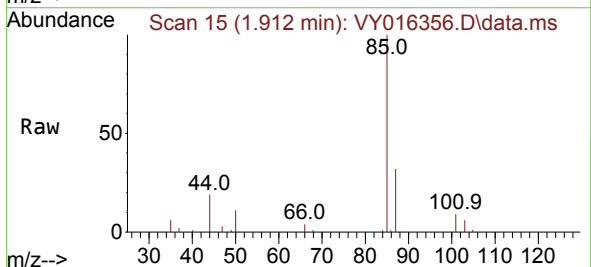
Instrument :
MSVOA_Y
ClientSampleId :

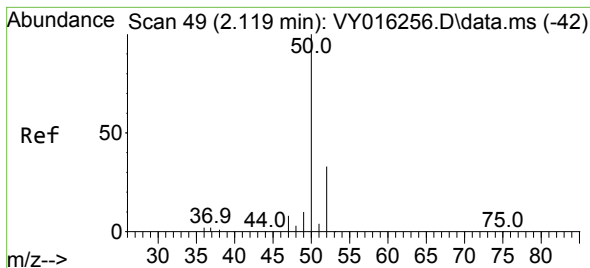
Tgt Ion:168 Resp: 158827
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.124 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

Tgt Ion: 85 Resp: 29741
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8





#3

Chloromethane

Concen: 17.400 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

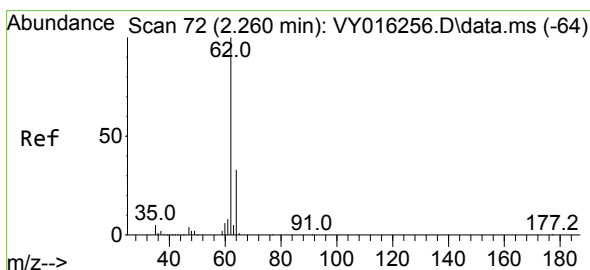
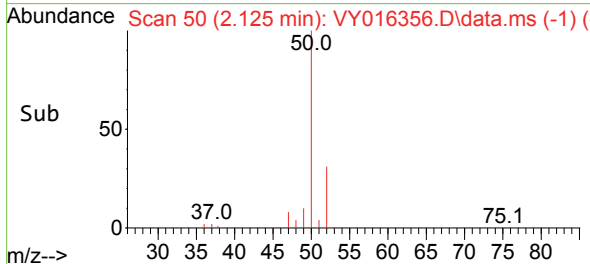
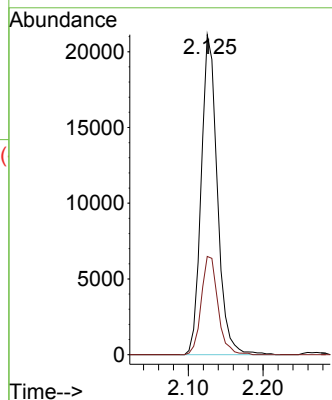
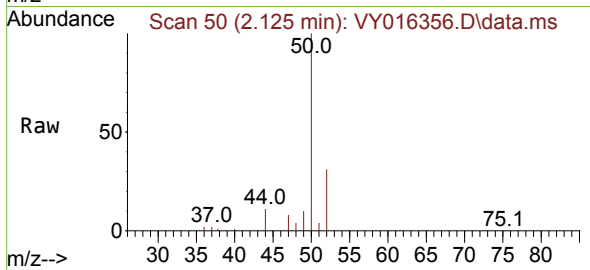
ClientSampleId :

Tgt Ion: 50 Resp: 31691

Ion Ratio Lower Upper

50 100

52 30.7 25.4 38.2



#4

Vinyl Chloride

Concen: 17.653 ug/l

RT: 2.265 min Scan# 73

Delta R.T. 0.006 min

Lab File: VY016356.D

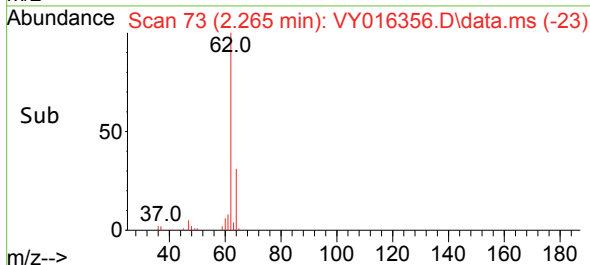
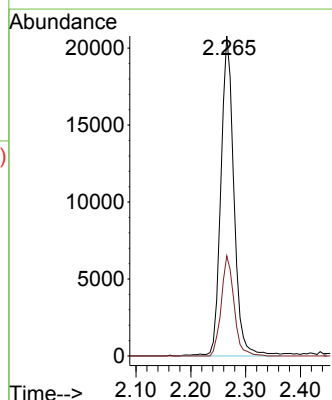
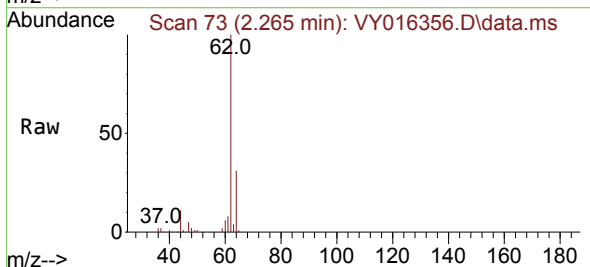
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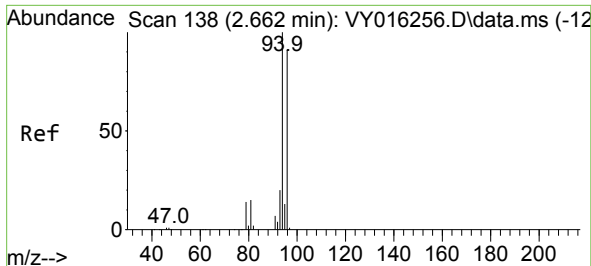
Tgt Ion: 62 Resp: 34574

Ion Ratio Lower Upper

62 100

64 31.3 24.3 36.5

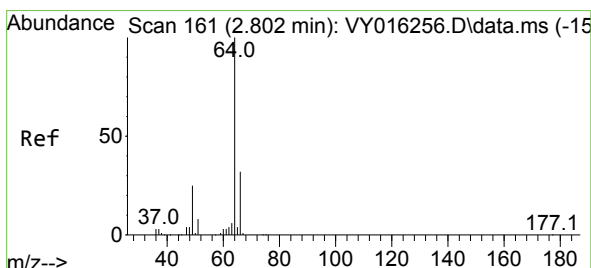
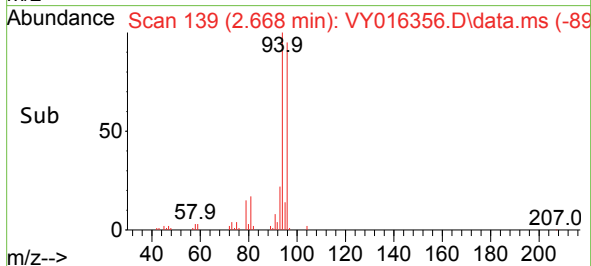
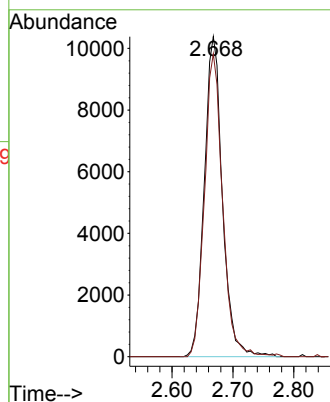
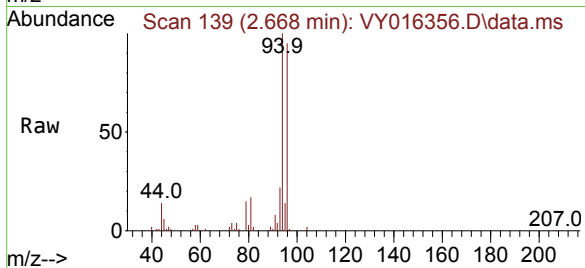




#5
Bromomethane
Concen: 16.640 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

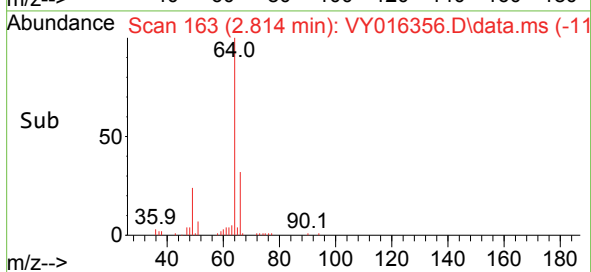
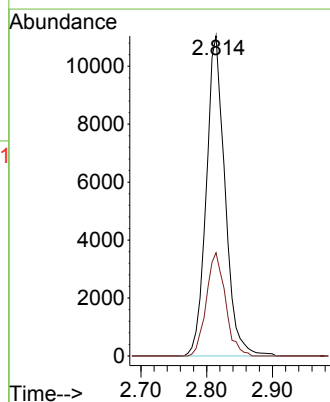
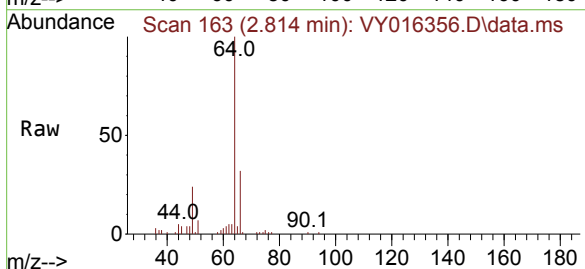
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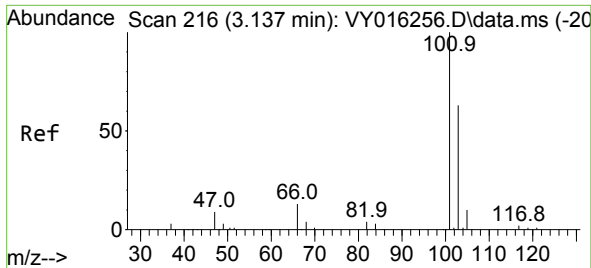
Tgt Ion: 94 Resp: 21417
Ion Ratio Lower Upper
94 100
96 94.6 75.8 113.6



#6
Chloroethane
Concen: 17.508 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.012 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

Tgt Ion: 64 Resp: 21880
Ion Ratio Lower Upper
64 100
66 32.3 24.4 36.6

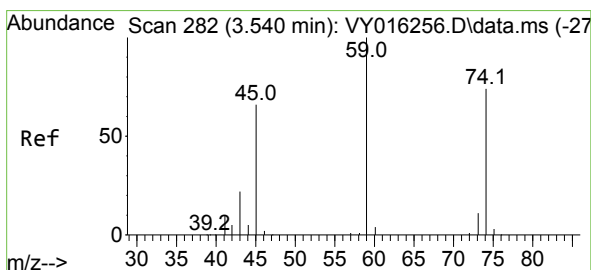
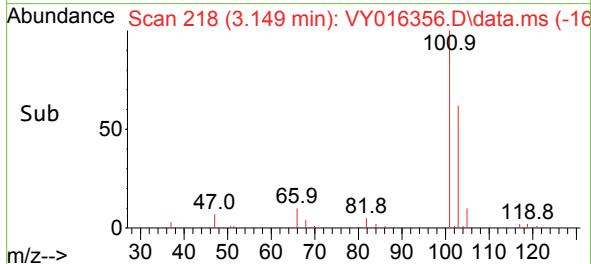
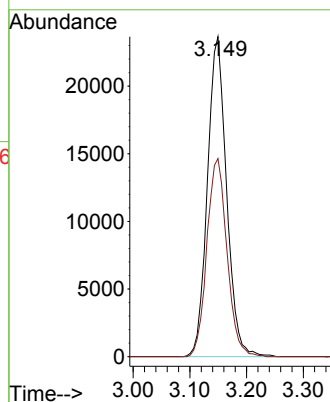
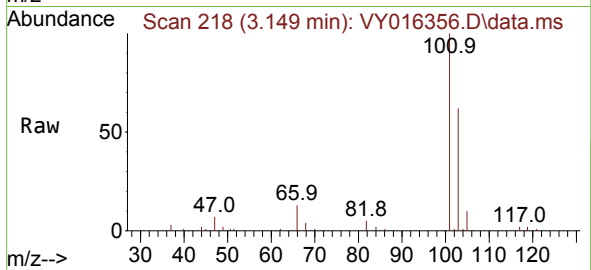




#7
Trichlorofluoromethane
Concen: 19.473 ug/l
RT: 3.149 min Scan# 216
Delta R.T. 0.012 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

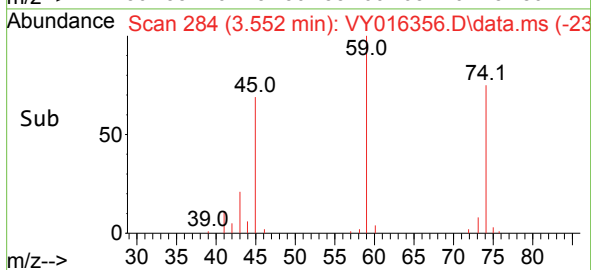
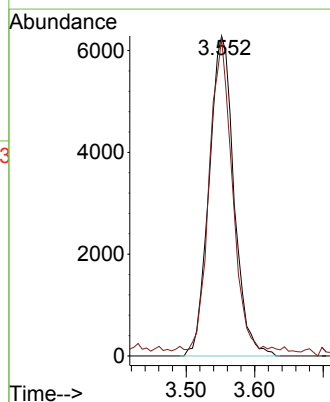
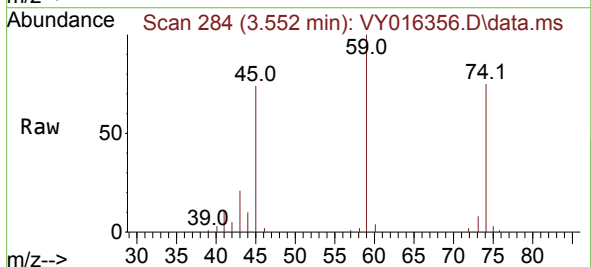
Instrument :
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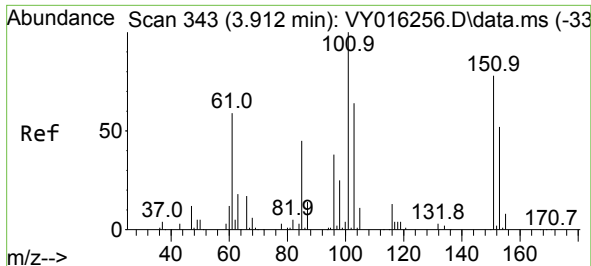
Tgt Ion:101 Resp: 55486
Ion Ratio Lower Upper
101 100
103 61.9 51.4 77.0



#8
Diethyl Ether
Concen: 18.607 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.012 min
Lab File: VY016356.D
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Tgt Ion: 74 Resp: 15846
Ion Ratio Lower Upper
74 100
45 88.7 51.5 154.5

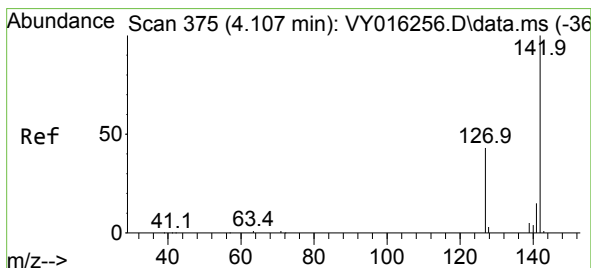
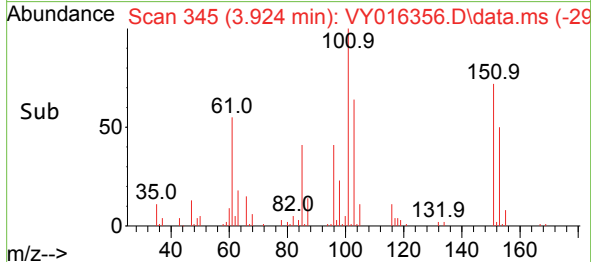
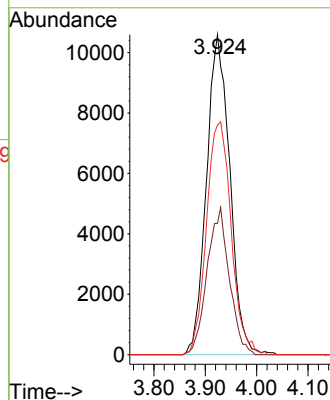
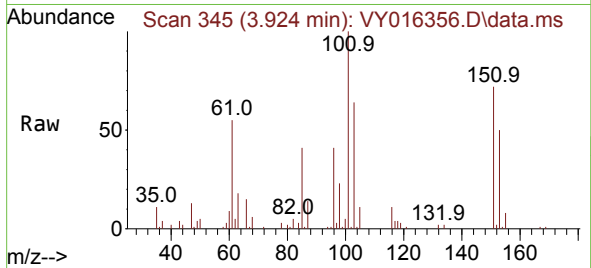




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.480 ug/l
RT: 3.924 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

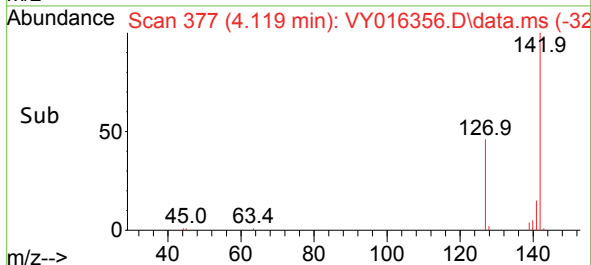
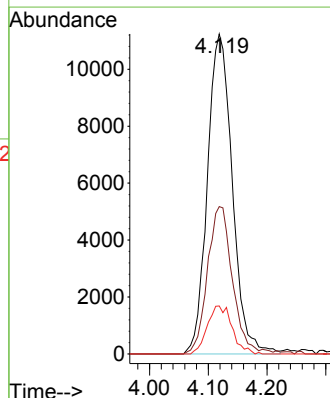
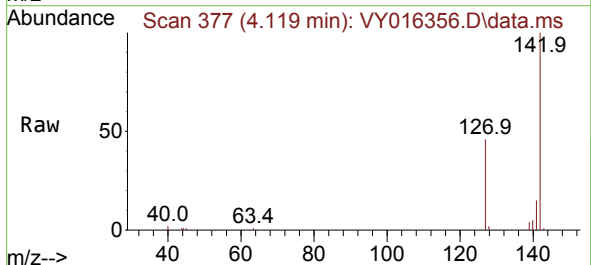
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 33431
Ion Ratio Lower Upper
101 100
85 43.7 36.6 55.0
151 77.0 67.0 100.6



#10
Methyl Iodide
Concen: 17.850 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

Tgt Ion:142 Resp: 33085
Ion Ratio Lower Upper
142 100
127 46.2 37.6 56.4
141 15.0 11.8 17.8





#11

Tert butyl alcohol

Concen: 75.418 ug/l

RT: 4.984 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

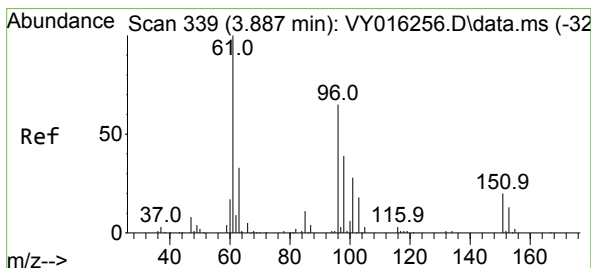
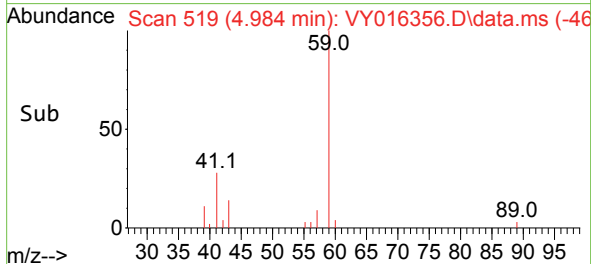
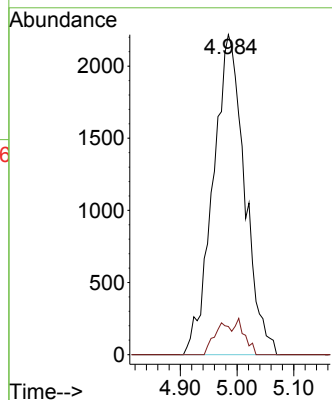
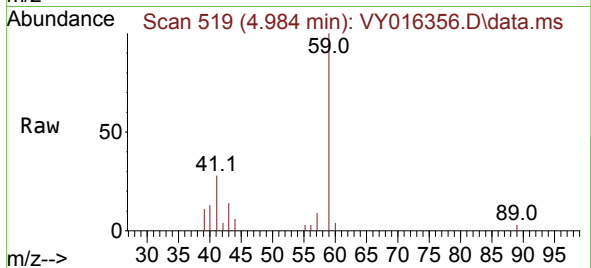
ClientSampleId :

Tgt Ion: 59 Resp: 8573

Ion Ratio Lower Upper

59 100

57 5.3 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 19.044 ug/l

RT: 3.899 min Scan# 341

Delta R.T. 0.012 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

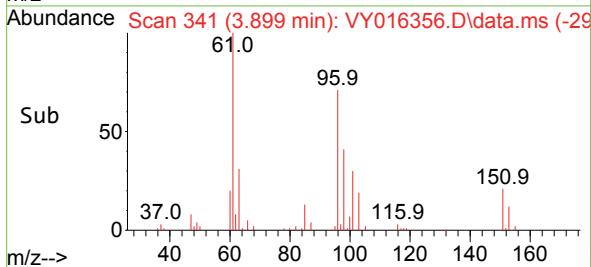
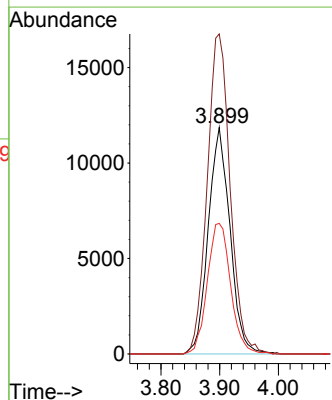
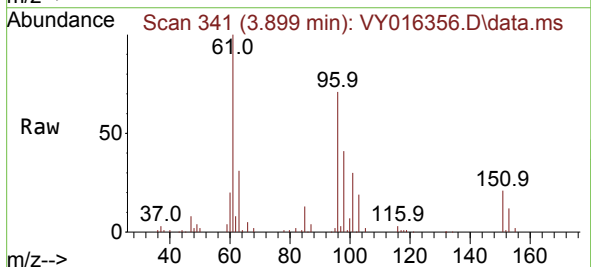
Tgt Ion: 96 Resp: 30565

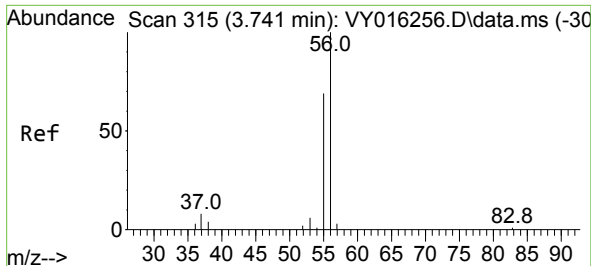
Ion Ratio Lower Upper

96 100

61 141.3 136.4 204.6

98 57.6 49.4 74.2





#13

Acrolein

Concen: 88.447 ug/l

RT: 3.753 min Scan# 315

Delta R.T. 0.012 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

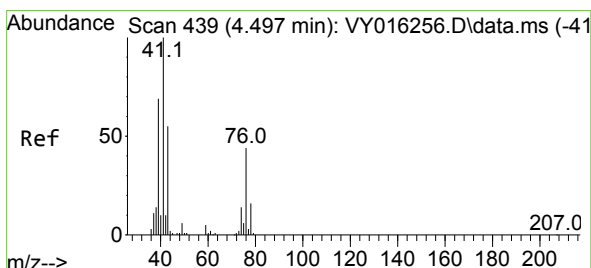
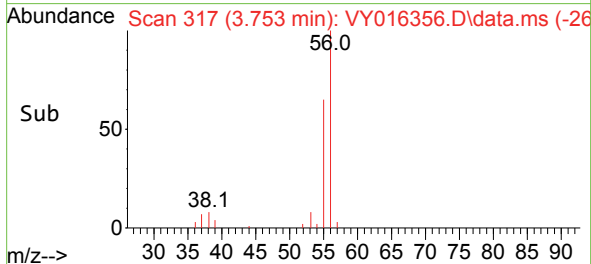
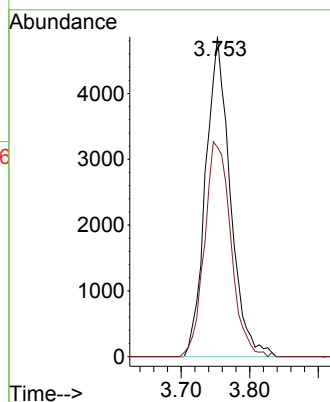
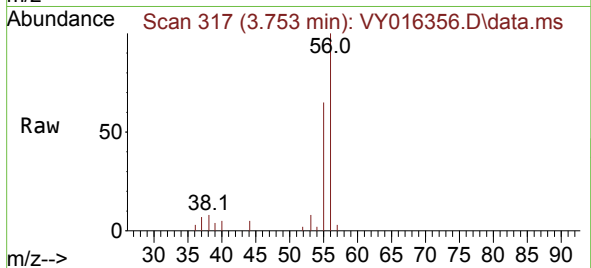
ClientSampleId :

Tgt Ion: 56 Resp: 12127

Ion Ratio Lower Upper

56 100

55 72.0 57.0 85.4



#14

Allyl chloride

Concen: 18.481 ug/l

RT: 4.515 min Scan# 442

Delta R.T. 0.018 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

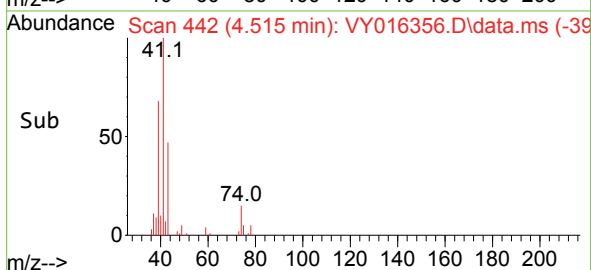
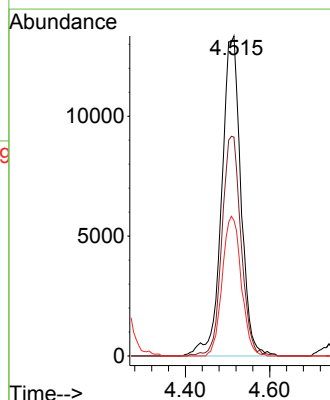
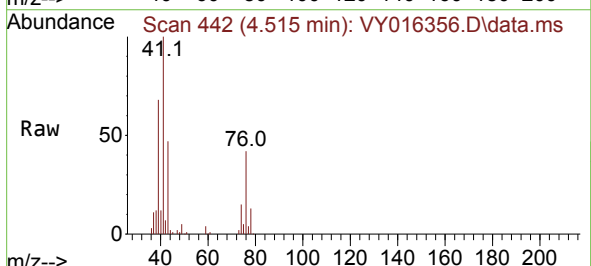
Tgt Ion: 41 Resp: 42093

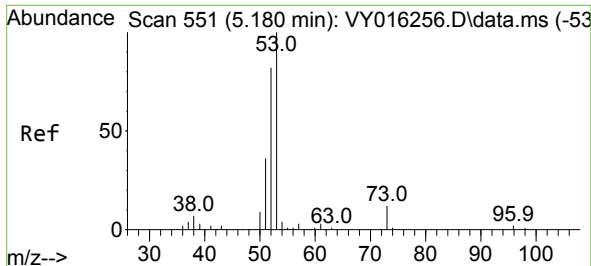
Ion Ratio Lower Upper

41 100

39 68.3 58.0 87.0

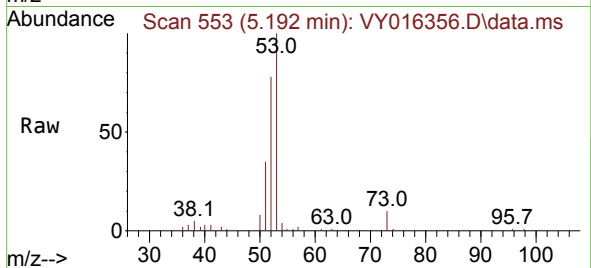
76 43.2 27.4 41.2#



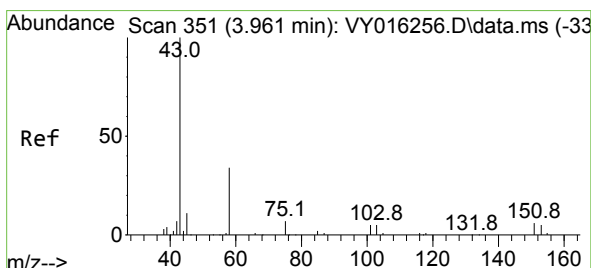
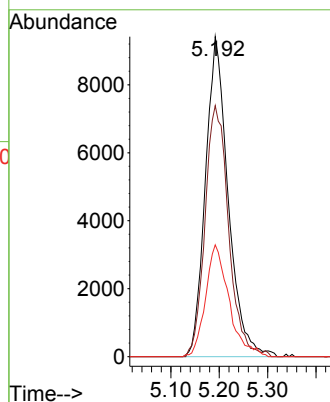
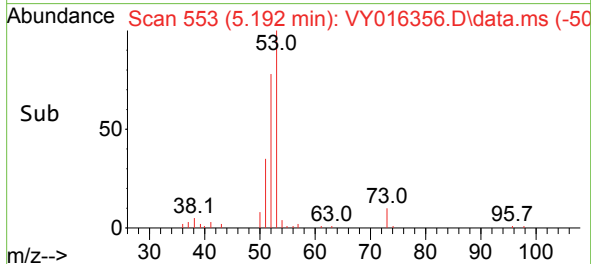


#15
Acrylonitrile
Concen: 90.978 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

Instrument :
MSVOA_Y
ClientSampleId :

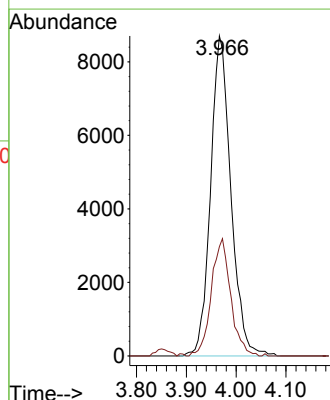
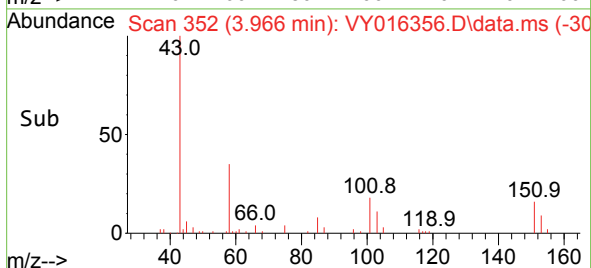
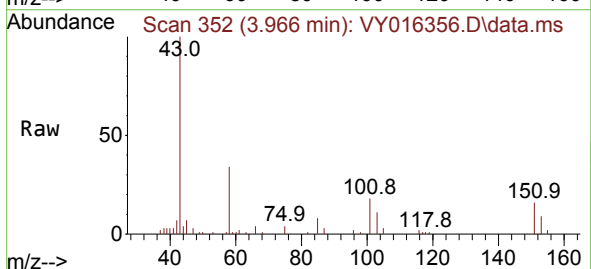


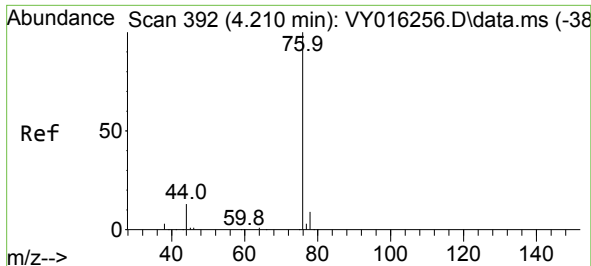
Tgt Ion: 53 Resp: 30747
Ion Ratio Lower Upper
53 100
52 81.3 66.9 100.3
51 36.1 29.8 44.6



#16
Acetone
Concen: 102.776 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

Tgt Ion: 43 Resp: 24678
Ion Ratio Lower Upper
43 100
58 34.1 22.7 34.1#





#17

Carbon Disulfide

Concen: 16.782 ug/l

RT: 4.222 min Scan# 394

Delta R.T. 0.012 min

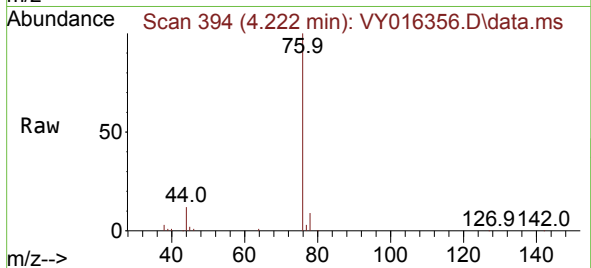
Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

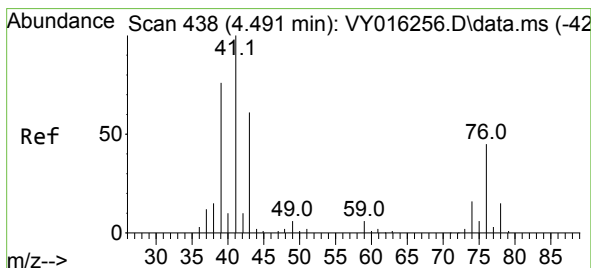
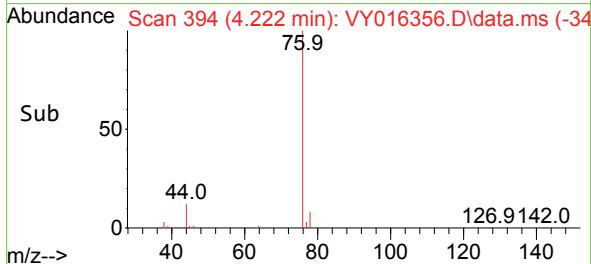
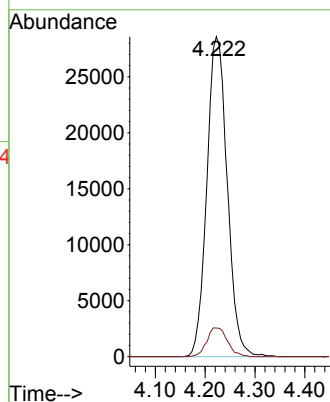


Tgt Ion: 76 Resp: 81269

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4



#18

Methyl Acetate

Concen: 17.507 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.012 min

Lab File: VY016356.D

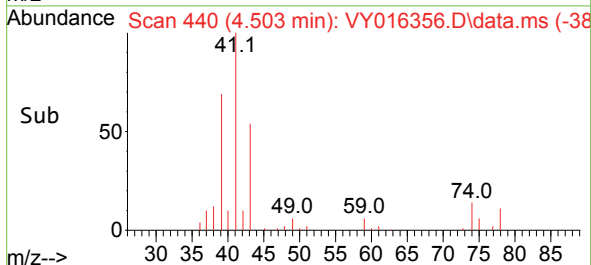
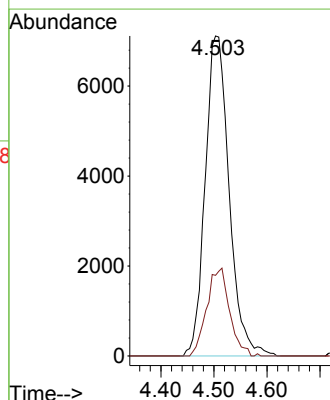
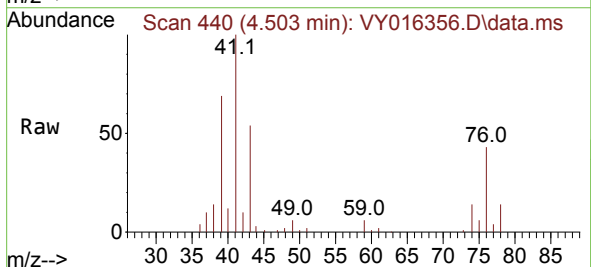
Acq: 15 Nov 2023 10:04

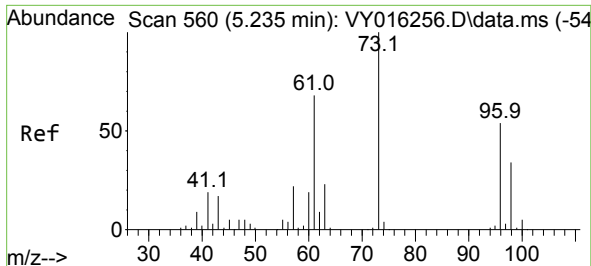
Tgt Ion: 43 Resp: 22337

Ion Ratio Lower Upper

43 100

74 26.1 17.4 26.0#

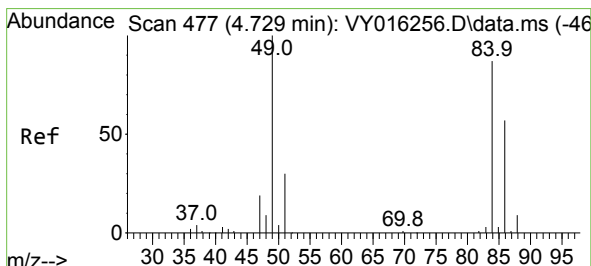
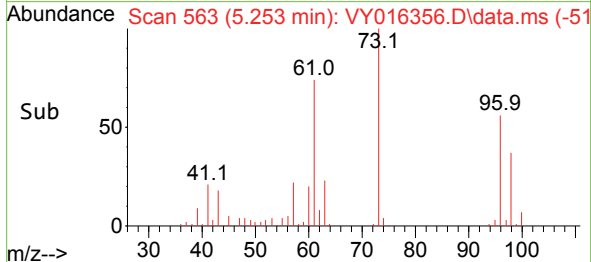
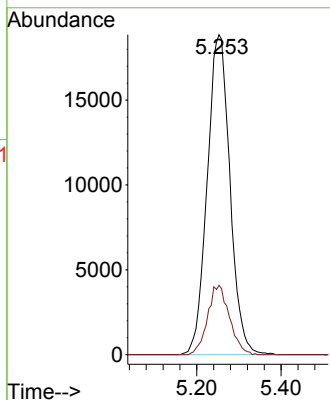
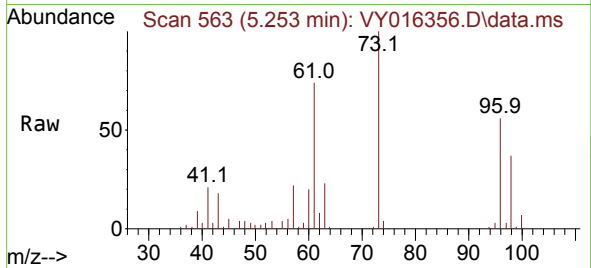




#19
Methyl tert-butyl Ether
Concen: 18.164 ug/l
RT: 5.253 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

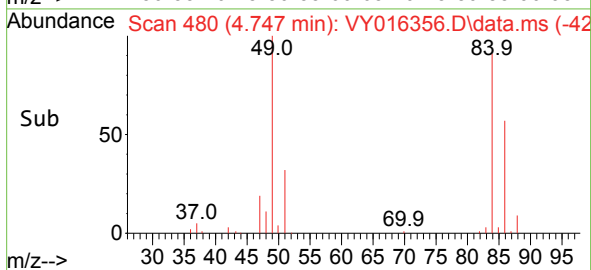
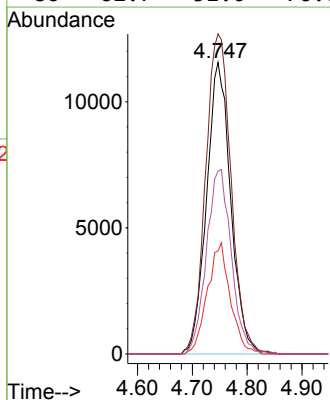
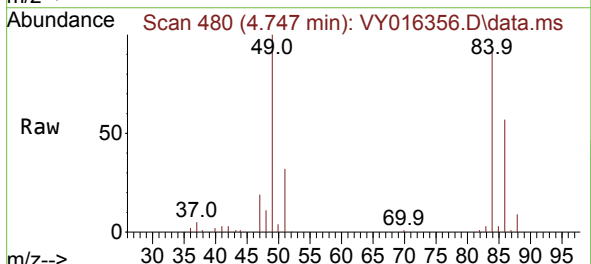
Instrument :
MSVOA_Y
ClientSampleId :

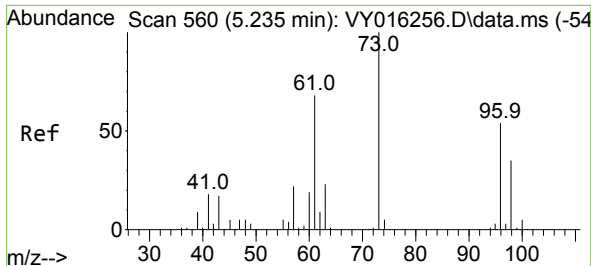
Tgt Ion: 73 Resp: 70559
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 18.695 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.018 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

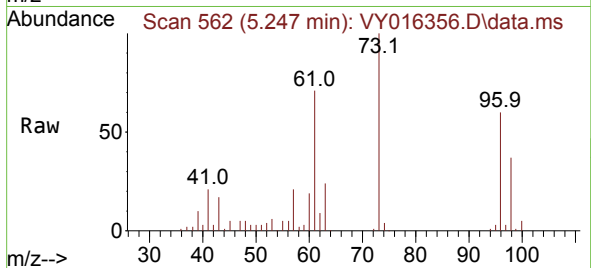
Tgt Ion: 84 Resp: 35408
Ion Ratio Lower Upper
84 100
49 109.8 106.9 160.3
51 35.3 33.2 49.8
86 62.7 51.0 76.6



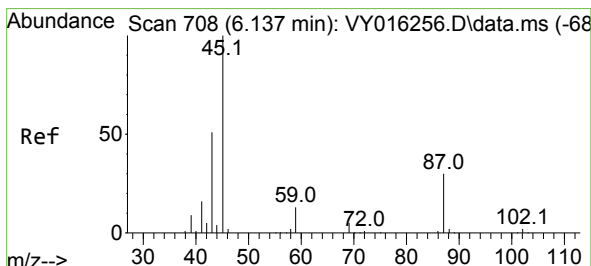
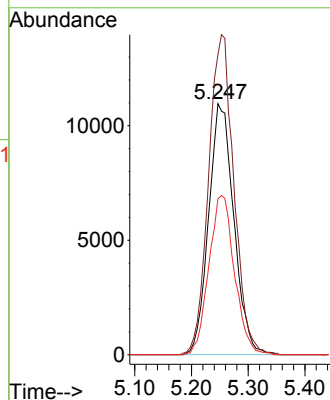
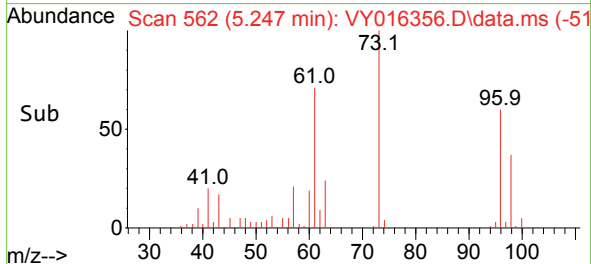


#21
trans-1,2-Dichloroethene
Concen: 18.372 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

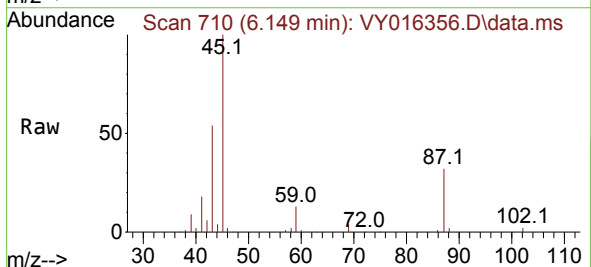
Instrument :
MSVOA_Y
ClientSampleId :



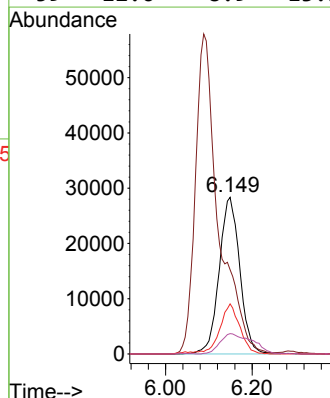
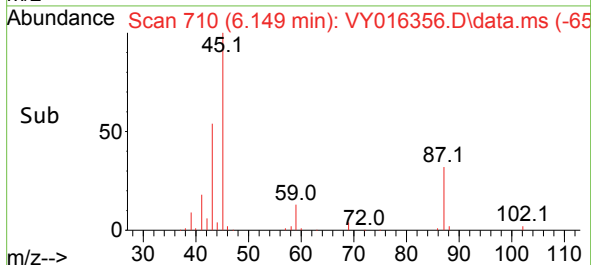
Tgt Ion: 96 Resp: 33951
Ion Ratio Lower Upper
96 100
61 119.5 110.2 165.4
98 62.1 51.8 77.6

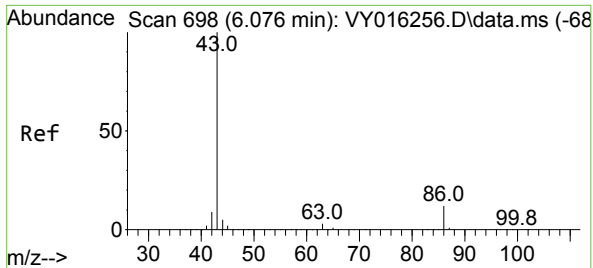


#22
Diisopropyl ether
Concen: 19.162 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.012 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04



Tgt Ion: 45 Resp: 94058
Ion Ratio Lower Upper
45 100
43 52.7 52.2 78.4
87 32.0 21.0 31.6#
59 12.6 8.9 13.3

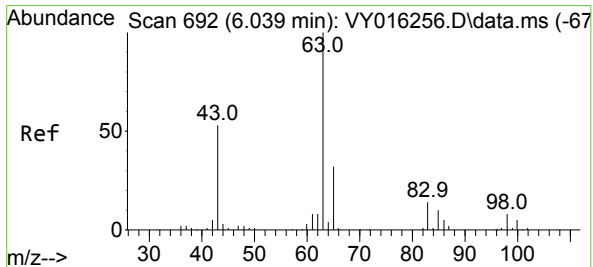
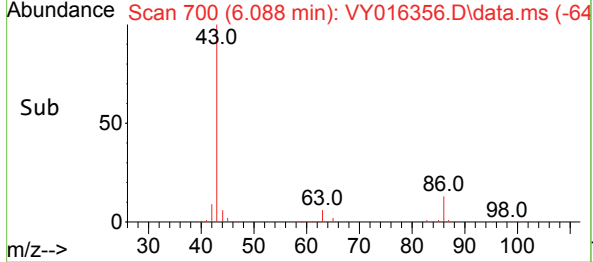
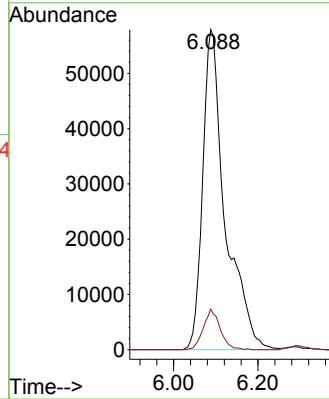
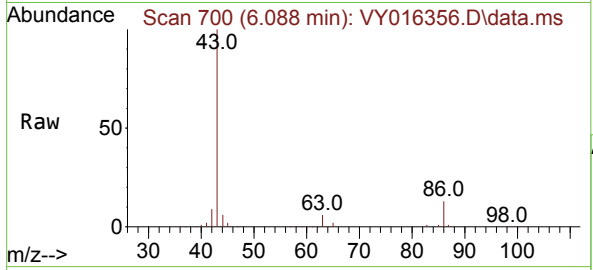




#23
 Vinyl Acetate
 Concen: 90.342 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.012 min
 Lab File: VY016356.D
 Acq: 15 Nov 2023 10:04

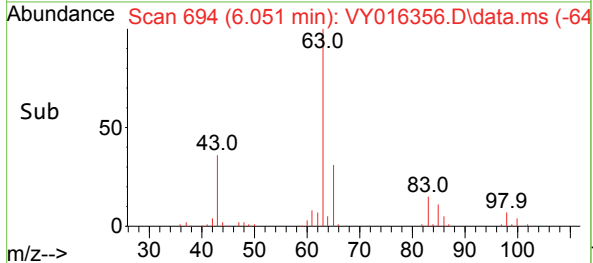
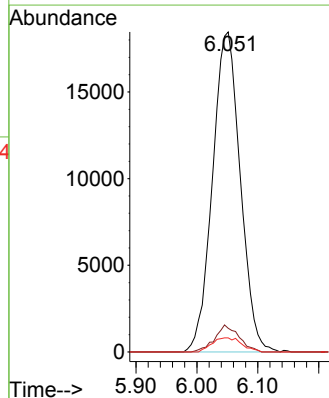
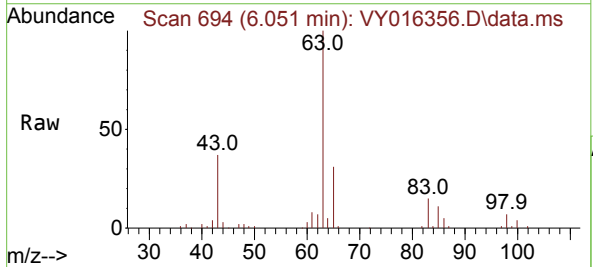
Instrument :
 MSVOA_Y
 ClientSampleId :

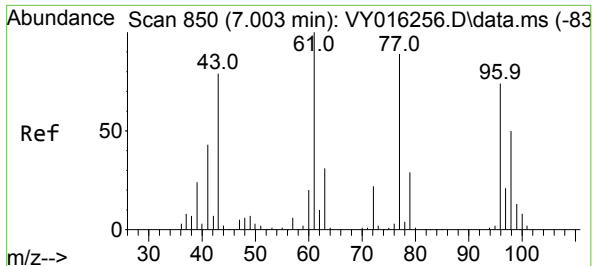
Tgt Ion: 43 Resp: 214869
 Ion Ratio Lower Upper
 43 100
 86 12.7 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.340 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY016356.D
 Acq: 15 Nov 2023 10:04

Tgt Ion: 63 Resp: 58564
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 94.828 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

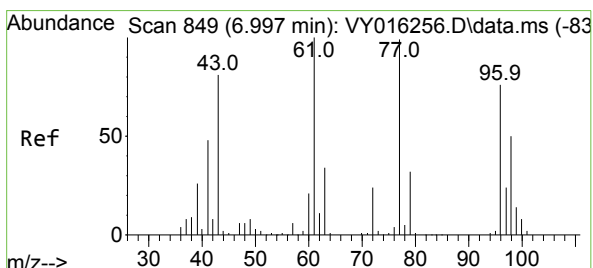
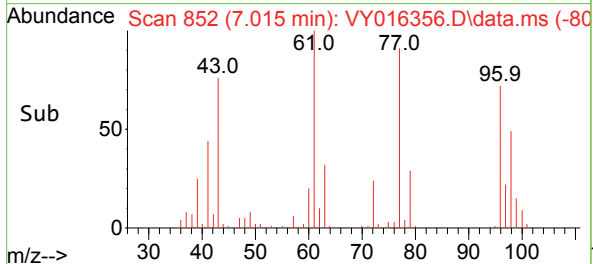
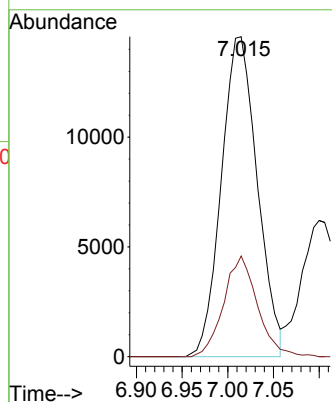
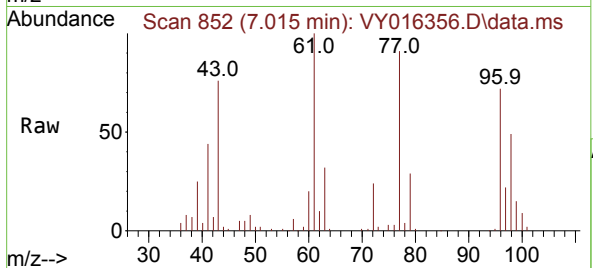
ClientSampleId :

Tgt Ion: 43 Resp: 39882

Ion Ratio Lower Upper

43 100

72 31.5 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 19.762 ug/l

RT: 7.008 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY016356.D

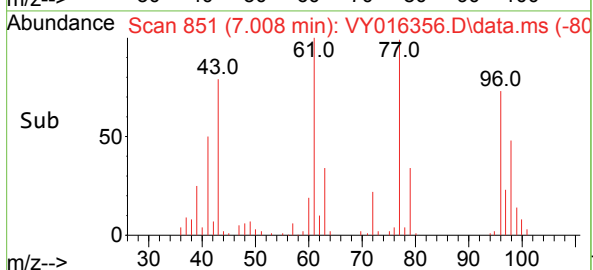
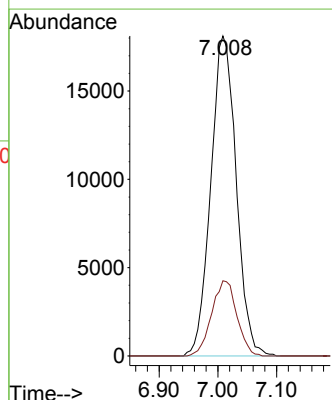
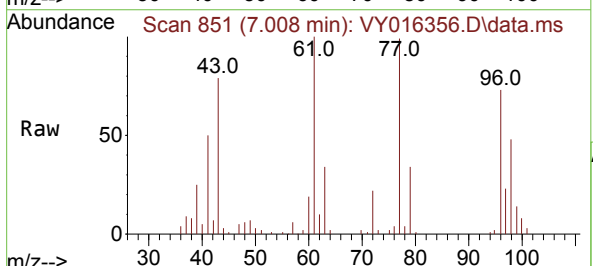
Acq: 15 Nov 2023 10:04

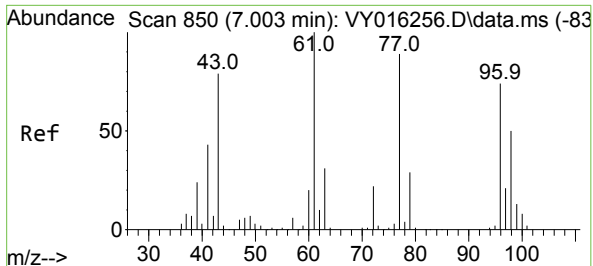
Tgt Ion: 77 Resp: 54466

Ion Ratio Lower Upper

77 100

97 23.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.202 ug/l

RT: 7.015 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

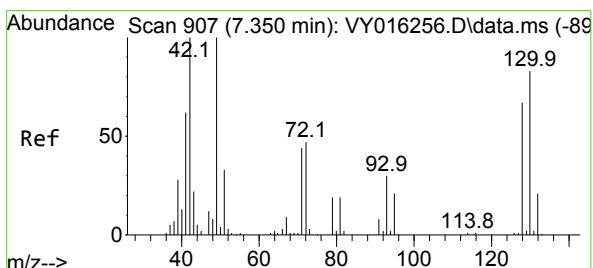
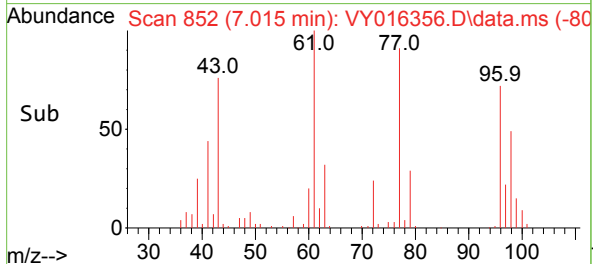
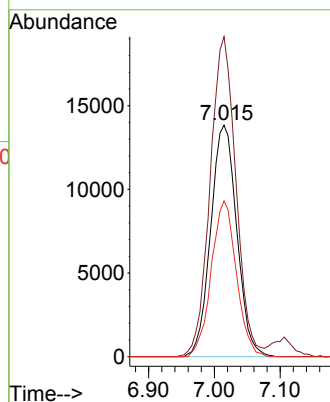
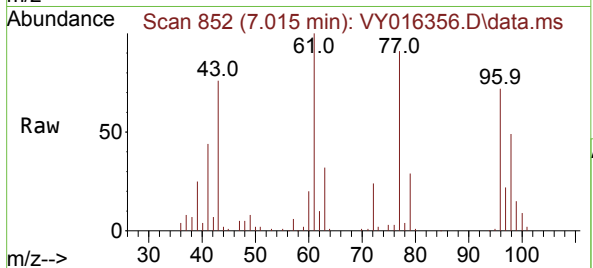
Tgt Ion: 96 Resp: 38241

Ion Ratio Lower Upper

96 100

61 136.6 0.0 301.4

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 20.050 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.012 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

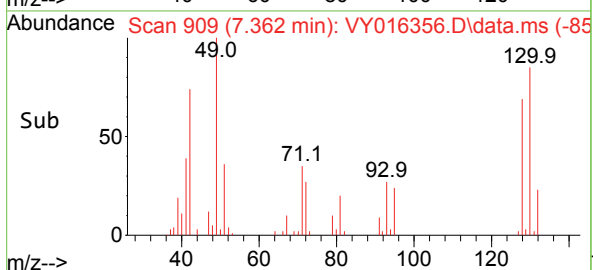
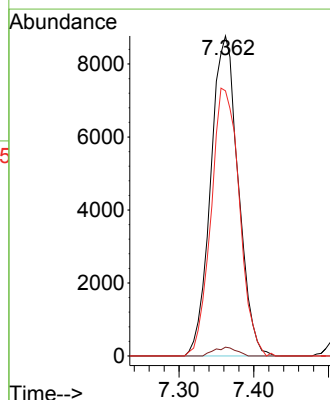
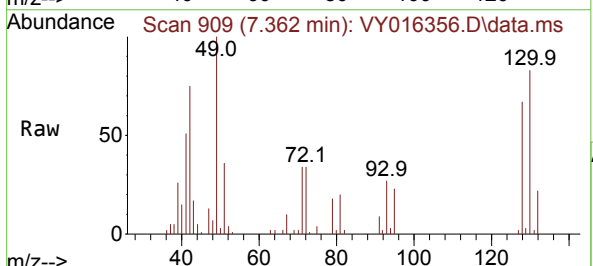
Tgt Ion: 49 Resp: 22470

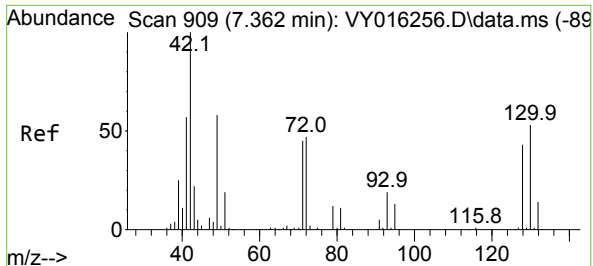
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 86.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 85.037 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

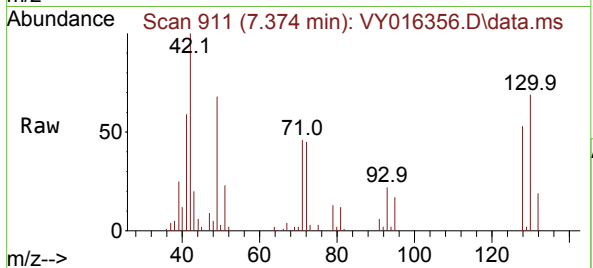
Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :



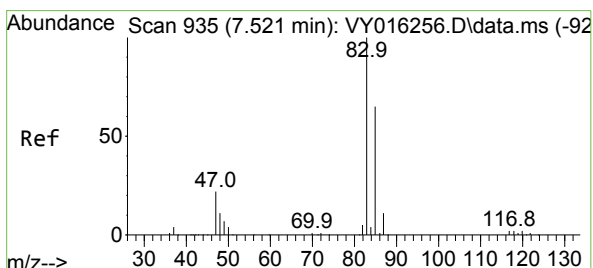
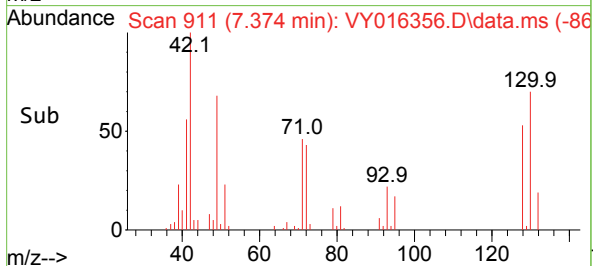
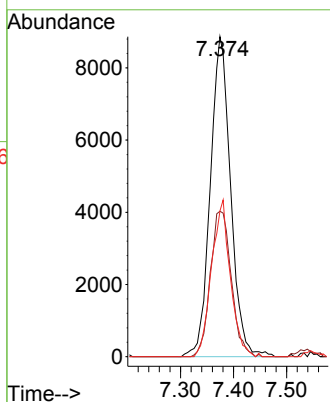
Tgt Ion: 42 Resp: 23639

Ion Ratio Lower Upper

42 100

72 46.7 32.8 49.2

71 45.1 31.0 46.4



#30

Chloroform

Concen: 19.937 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY016356.D

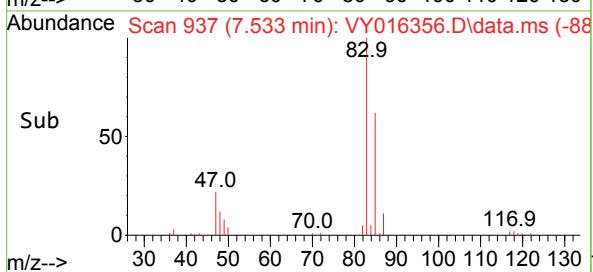
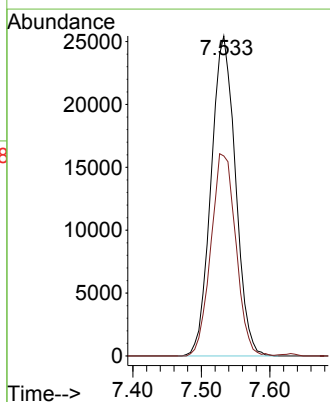
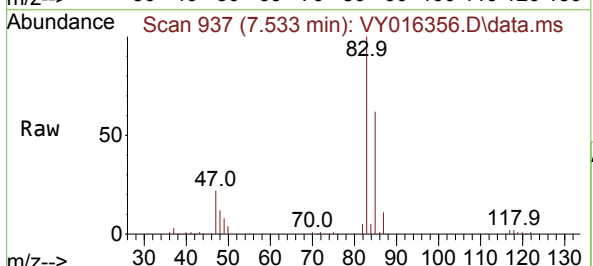
Acq: 15 Nov 2023 10:04

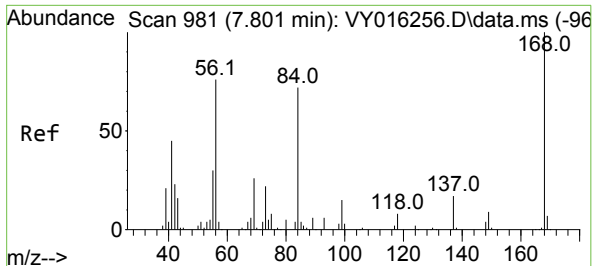
Tgt Ion: 83 Resp: 62841

Ion Ratio Lower Upper

83 100

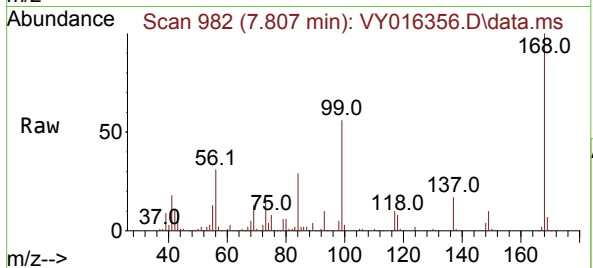
85 62.5 49.7 74.5



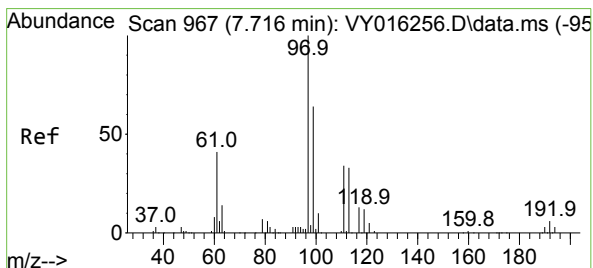
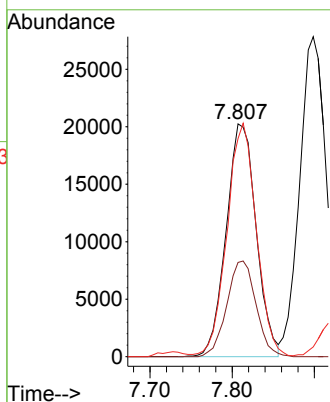
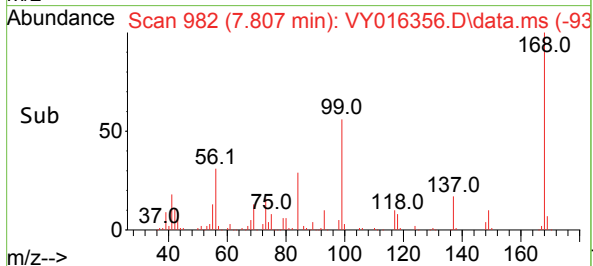


#31
Cyclohexane
Concen: 18.011 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

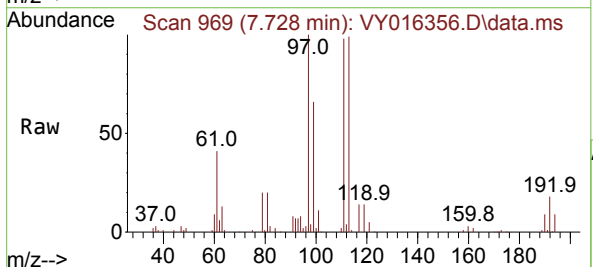
Instrument :
MSVOA_Y
ClientSampleId :



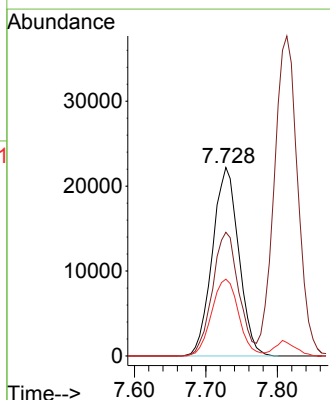
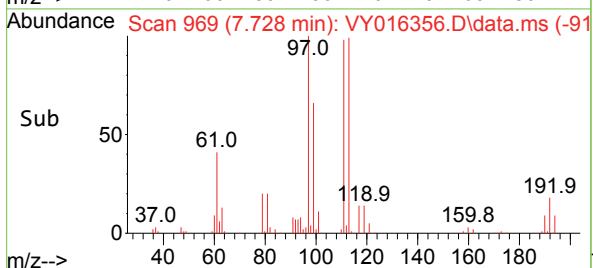
Tgt Ion: 56 Resp: 51475
Ion Ratio Lower Upper
56 100
69 40.5 27.8 41.6
84 91.7 66.4 99.6

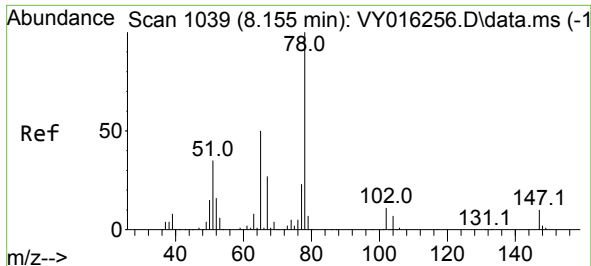


#32
1,1,1-Trichloroethane
Concen: 19.676 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04



Tgt Ion: 97 Resp: 56850
Ion Ratio Lower Upper
97 100
99 65.8 50.8 76.2
61 41.7 35.1 52.7

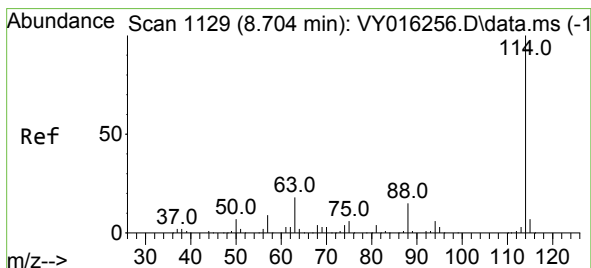
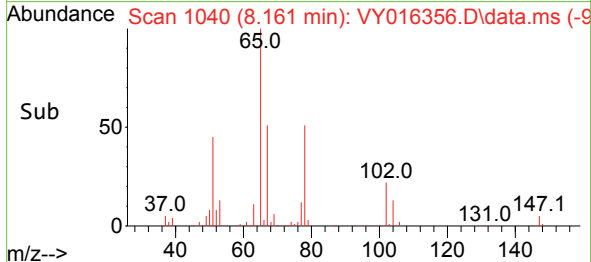
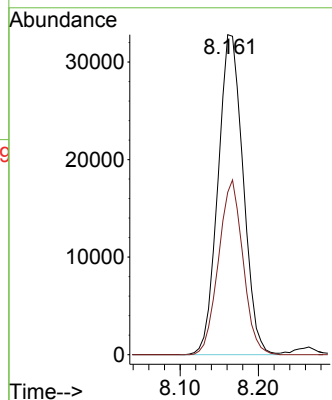
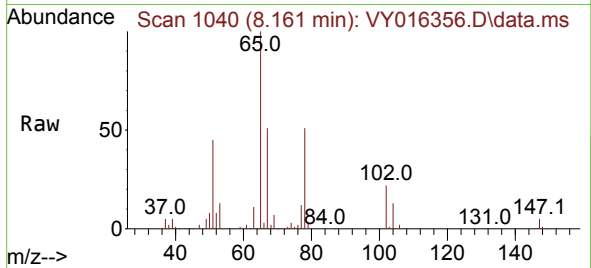




#33
 1,2-Dichloroethane-d4
 Concen: 50.445 ug/l
 RT: 8.161 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VY016356.D
 Acq: 15 Nov 2023 10:04

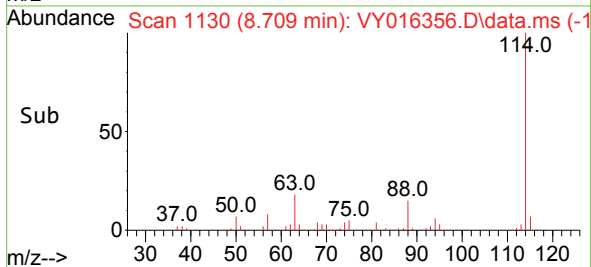
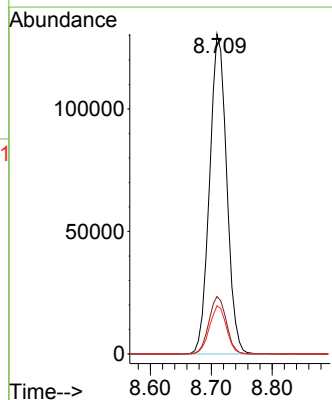
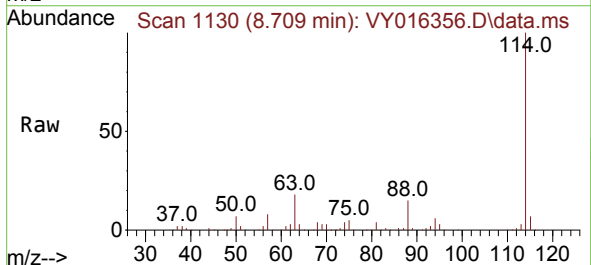
Instrument :
 MSVOA_Y
 ClientSampleId :

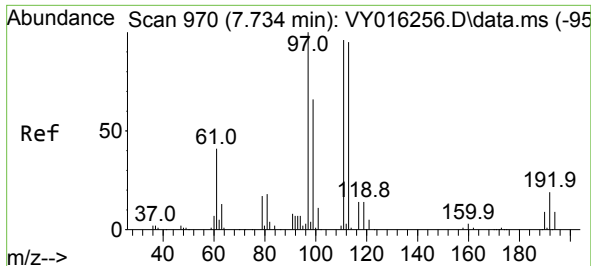
Tgt Ion: 65 Resp: 73227
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.709 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VY016356.D
 Acq: 15 Nov 2023 10:04

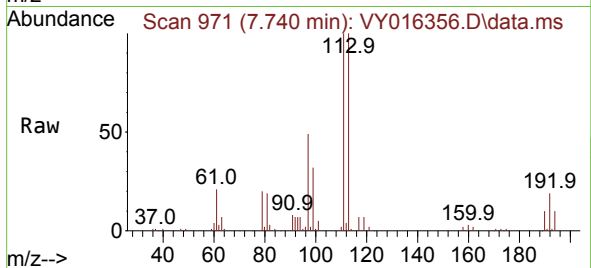
Tgt Ion: 114 Resp: 255033
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 42.4
 88 15.0 0.0 30.6



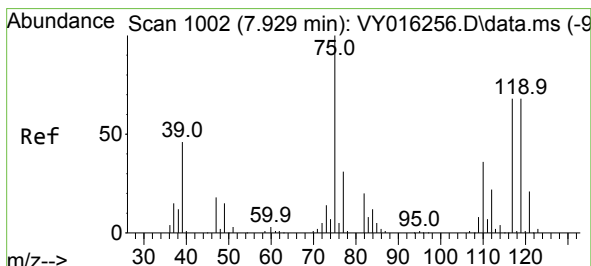
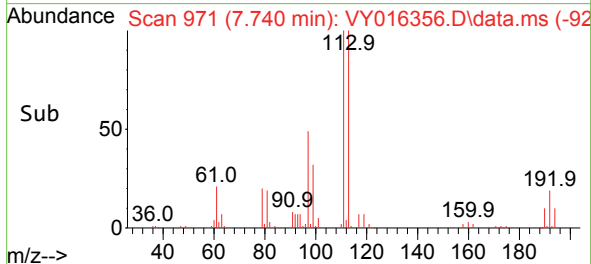
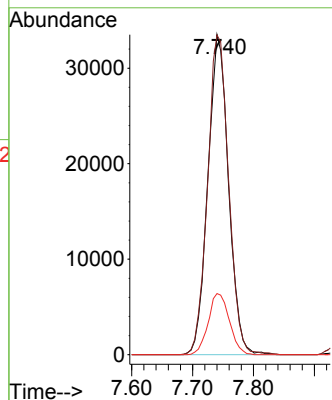


#35
 Dibromofluoromethane
 Concen: 54.390 ug/l
 RT: 7.740 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY016356.D
 Acq: 15 Nov 2023 10:04

Instrument :
 MSVOA_Y
 ClientSampleId :

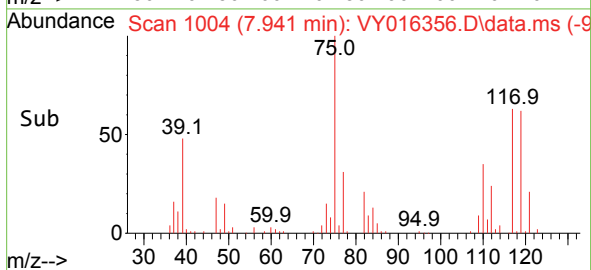
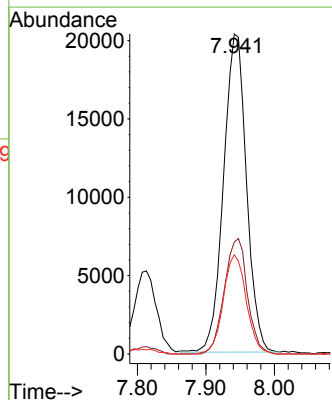
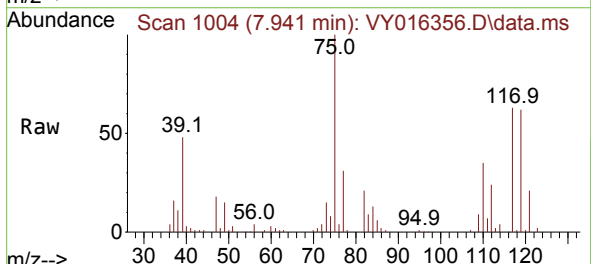


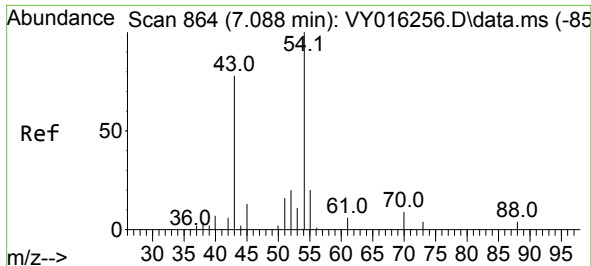
Tgt Ion:113 Resp: 78797
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.3 121.9
 192 19.6 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 18.749 ug/l
 RT: 7.941 min Scan# 1004
 Delta R.T. 0.012 min
 Lab File: VY016356.D
 Acq: 15 Nov 2023 10:04

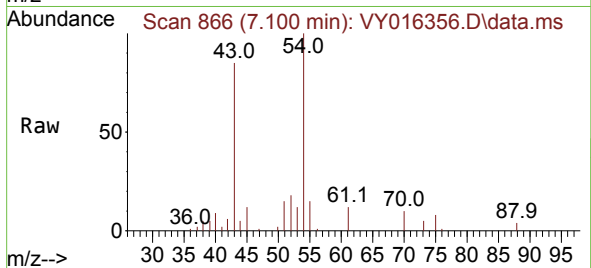
Tgt Ion: 75 Resp: 47166
 Ion Ratio Lower Upper
 75 100
 110 36.5 17.8 53.5
 77 31.2 24.4 36.6



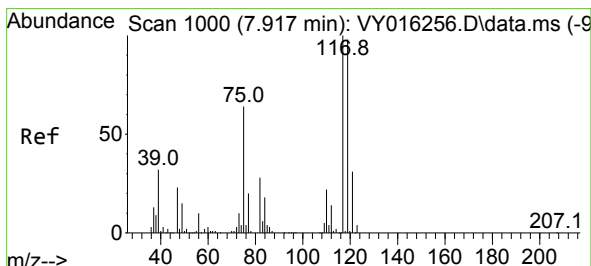
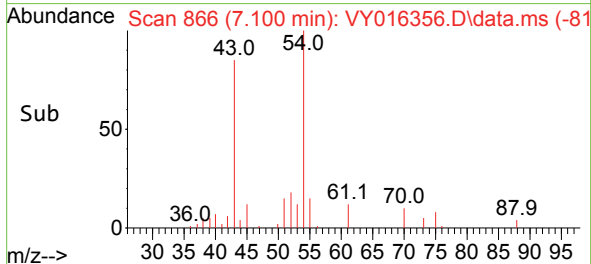
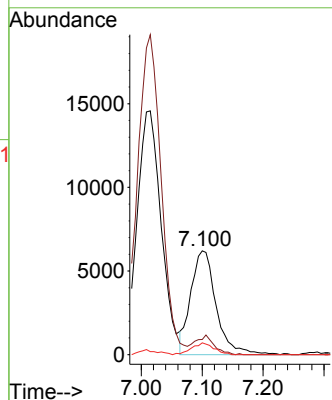


#37
Ethyl Acetate
Concen: 17.627 ug/l
RT: 7.100 min Scan# 864
Delta R.T. 0.012 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

Instrument :
MSVOA_Y
ClientSampleId :

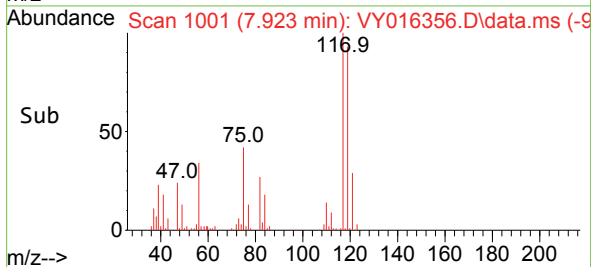
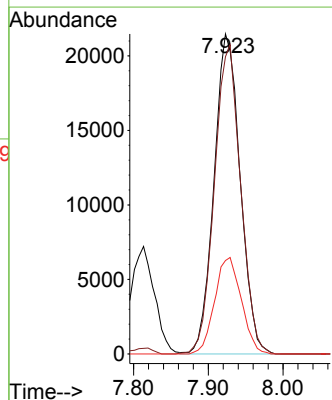
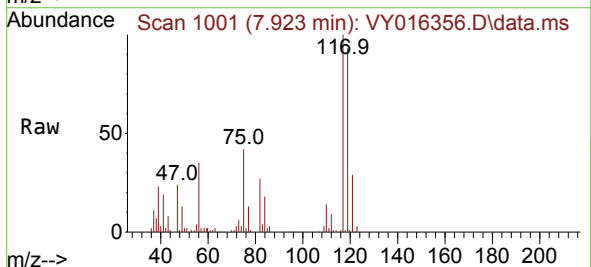


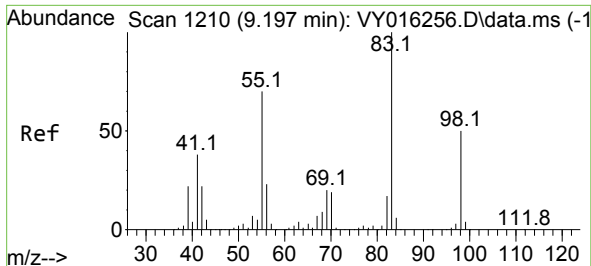
Tgt Ion: 43 Resp: 17917
Ion Ratio Lower Upper
43 100
61 14.2 10.1 15.1
70 9.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 20.007 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

Tgt Ion: 117 Resp: 52235
Ion Ratio Lower Upper
117 100
119 92.9 76.4 114.6
121 29.2 25.8 38.6





#39

Methylcyclohexane

Concen: 18.142 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

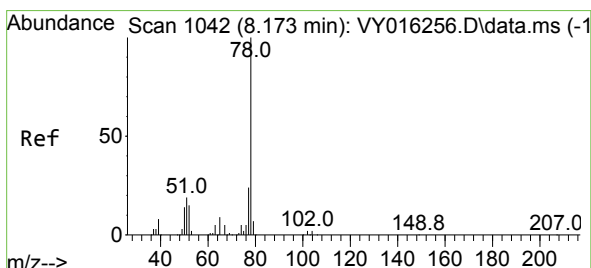
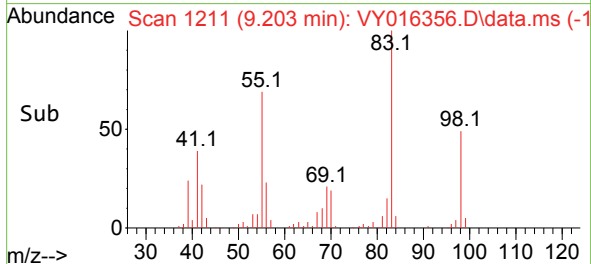
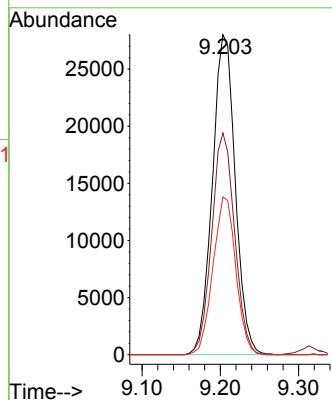
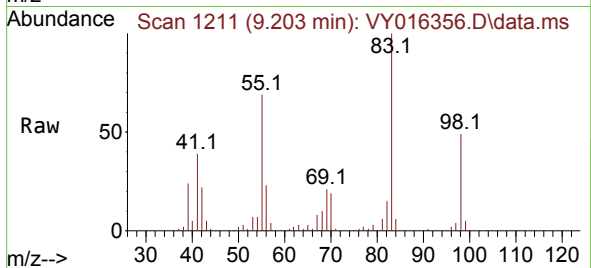
Tgt Ion: 83 Resp: 56868

Ion Ratio Lower Upper

83 100

55 69.3 63.0 94.4

98 49.3 37.4 56.2



#40

Benzene

Concen: 19.531 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY016356.D

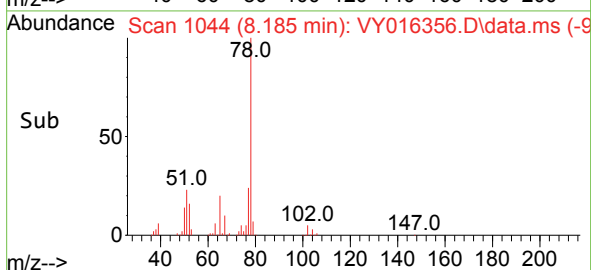
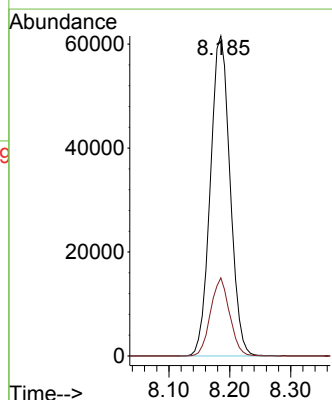
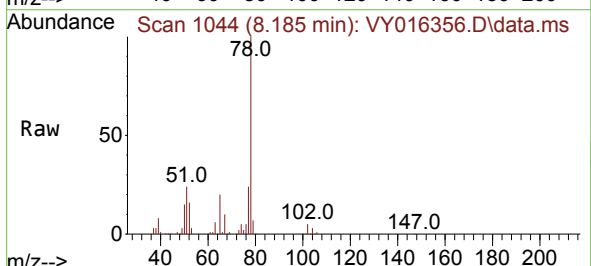
Acq: 15 Nov 2023 10:04

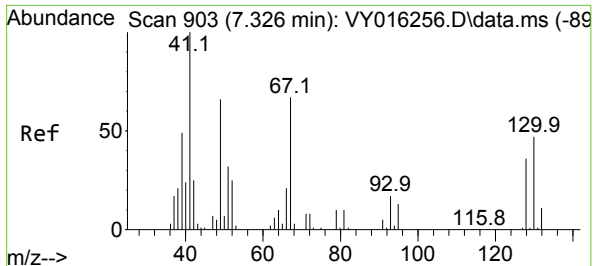
Tgt Ion: 78 Resp: 138039

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.6

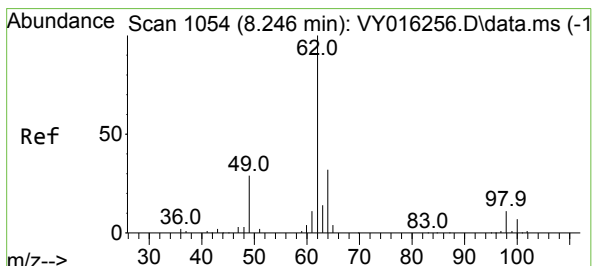
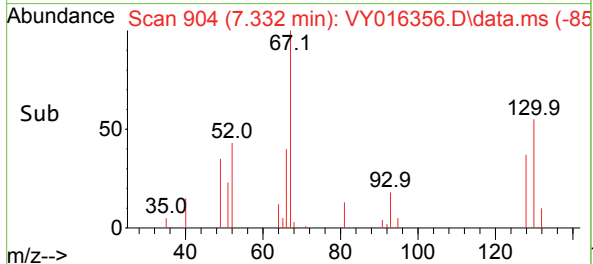
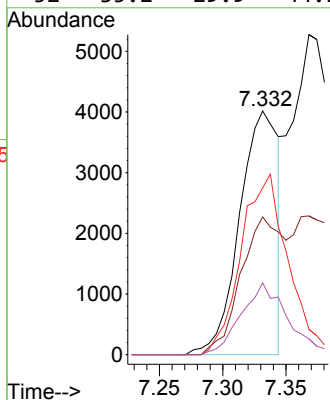
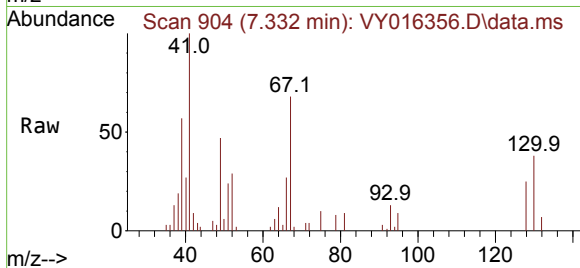




#41
Methacrylonitrile
Concen: 16.658 ug/l
RT: 7.332 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

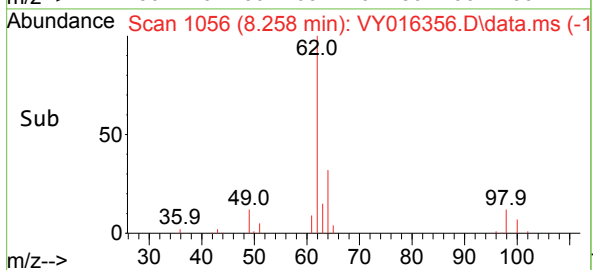
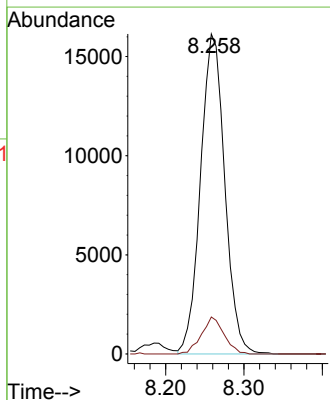
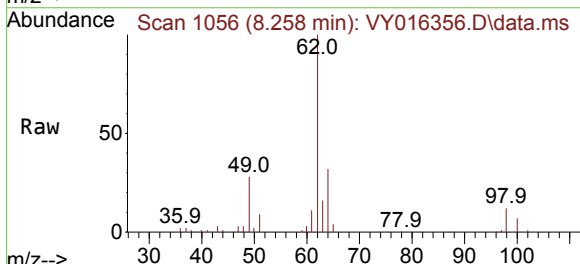
Instrument :
MSVOA_Y
ClientSampleId :

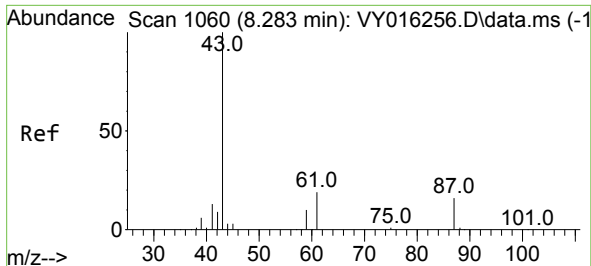
Tgt Ion: 41	Resp: 8537
Ion Ratio	Lower Upper
41 100	
39 62.7	52.1 78.1
67 89.0	66.2 99.2
52 35.2	29.9 44.9



#42
1,2-Dichloroethane
Concen: 18.943 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.012 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

Tgt Ion: 62	Resp: 34690
Ion Ratio	Lower Upper
62 100	
98 10.7	0.0 15.8

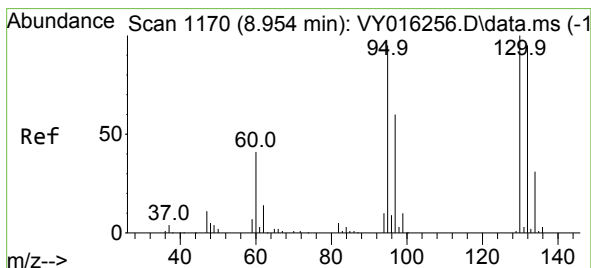
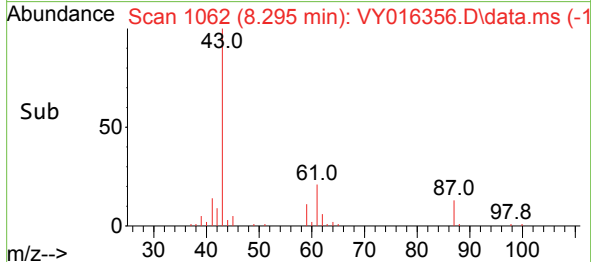
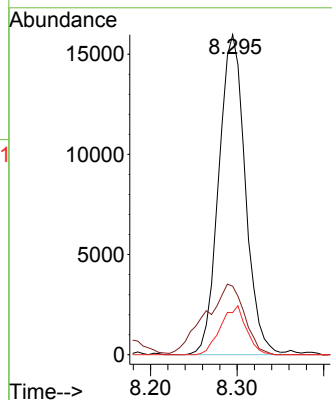
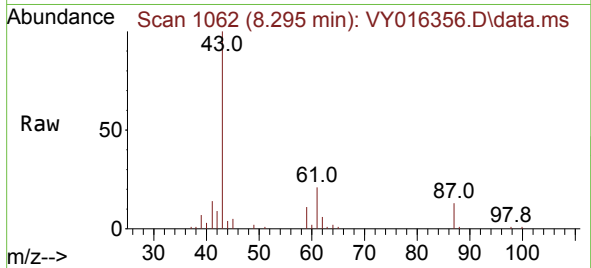




#43
Isopropyl Acetate
Concen: 17.283 ug/l
RT: 8.295 min Scan# 1062
Delta R.T. 0.012 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

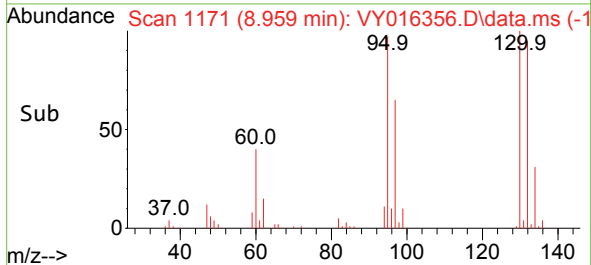
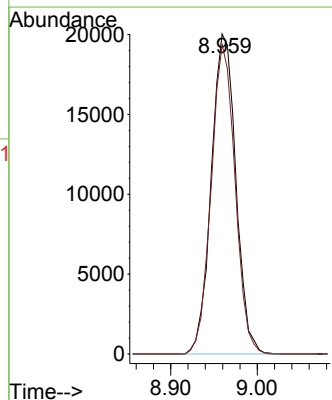
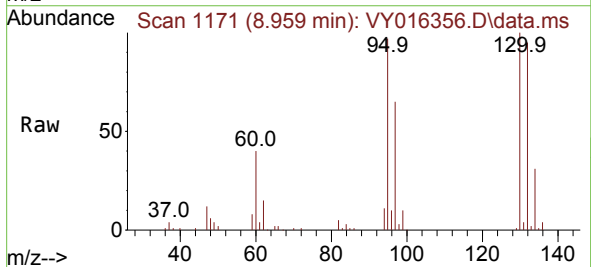
Instrument :
MSVOA_Y
ClientSampleId :

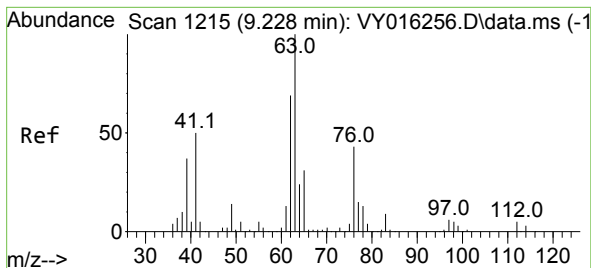
Tgt Ion: 43 Resp: 33957
Ion Ratio Lower Upper
43 100
61 32.4 21.1 31.7#
87 14.8 9.8 14.8#



#44
Trichloroethene
Concen: 19.409 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

Tgt Ion:130 Resp: 39424
Ion Ratio Lower Upper
130 100
95 96.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.504 ug/l

RT: 9.234 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

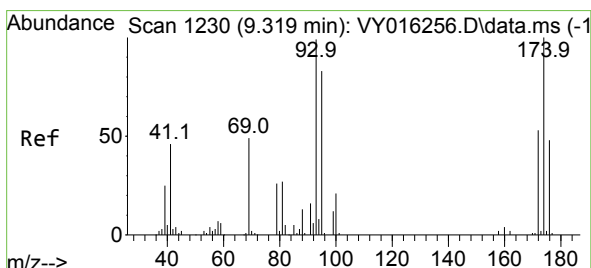
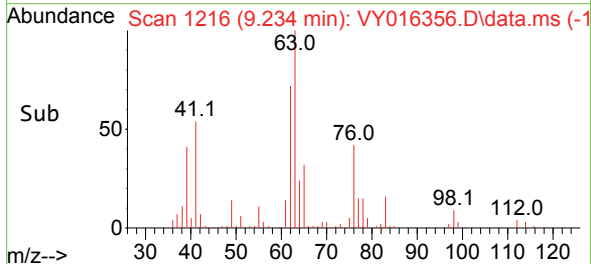
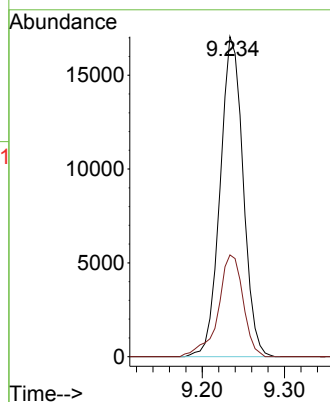
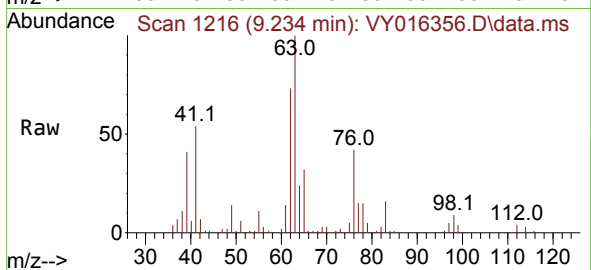
ClientSampleId :

Tgt Ion: 63 Resp: 33105

Ion Ratio Lower Upper

63 100

65 31.8 23.8 35.6



#46

Dibromomethane

Concen: 18.799 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

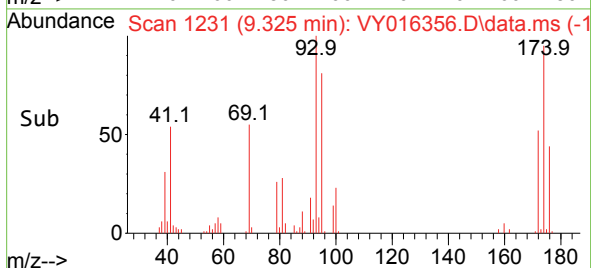
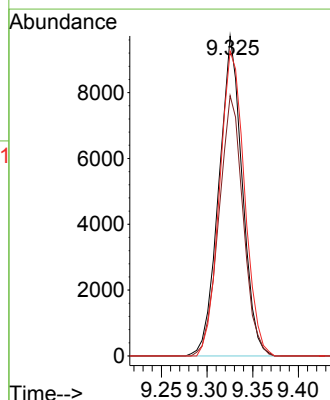
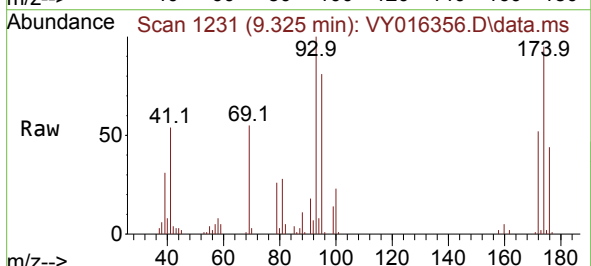
Tgt Ion: 93 Resp: 17292

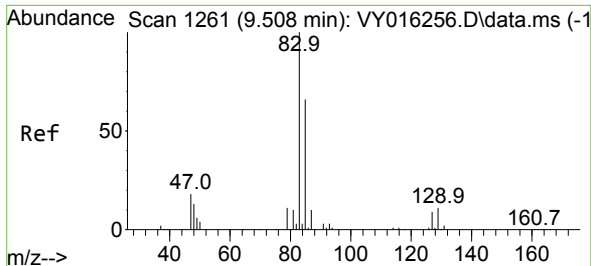
Ion Ratio Lower Upper

93 100

95 83.9 66.6 100.0

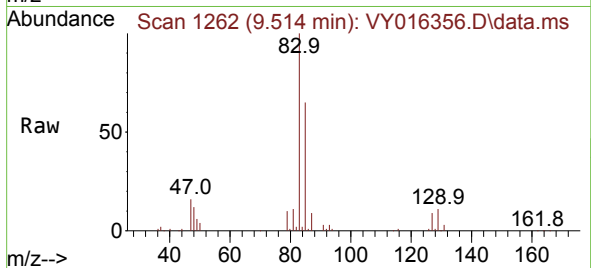
174 101.4 84.8 127.2



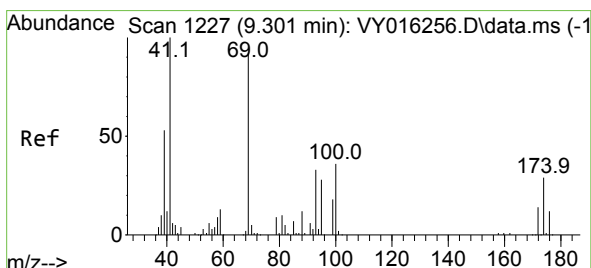
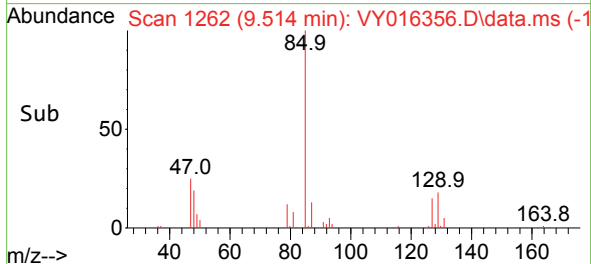
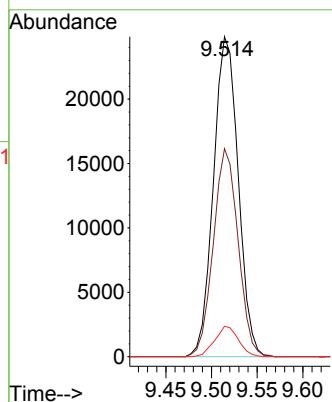


#47
Bromodichloromethane
Concen: 19.819 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

Instrument :
MSVOA_Y
ClientSampleId :

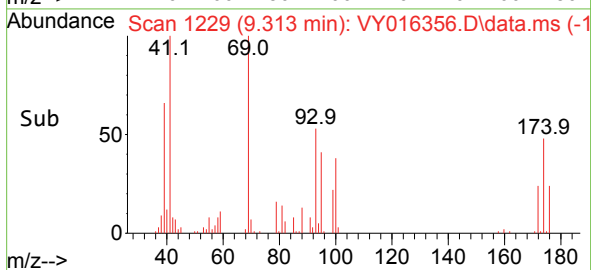
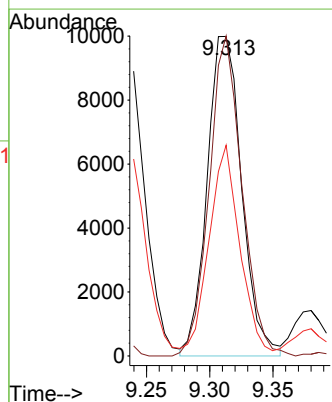
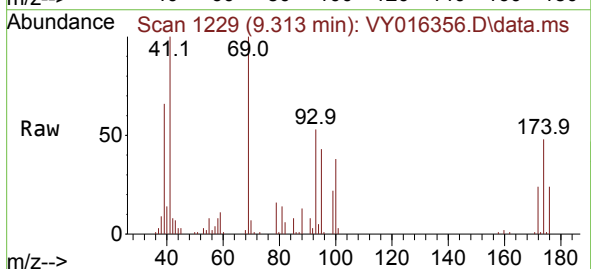


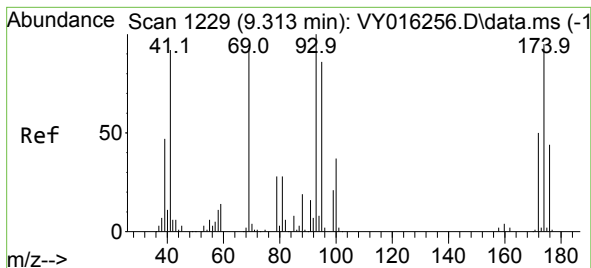
Tgt Ion: 83 Resp: 46867
Ion Ratio Lower Upper
83 100
85 65.0 50.1 75.1
127 9.5 7.1 10.7



#48
Methyl methacrylate
Concen: 17.512 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

Tgt Ion: 41 Resp: 19015
Ion Ratio Lower Upper
41 100
69 94.7 64.5 96.7
39 55.8 50.8 76.2





#49

1,4-Dioxane

Concen: 334.864 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

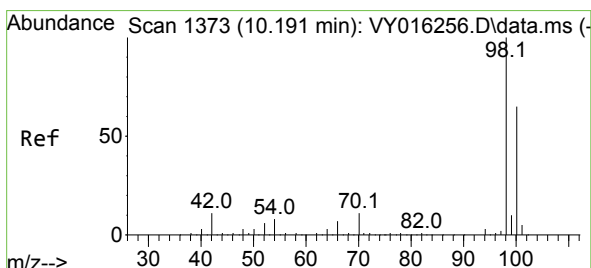
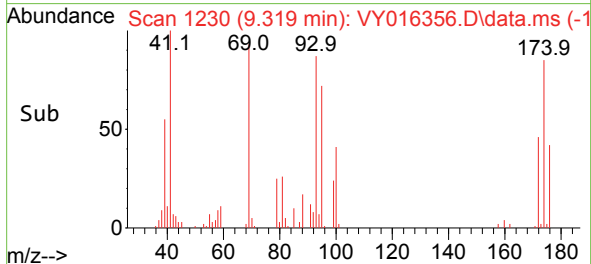
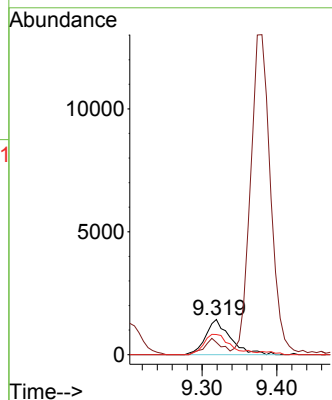
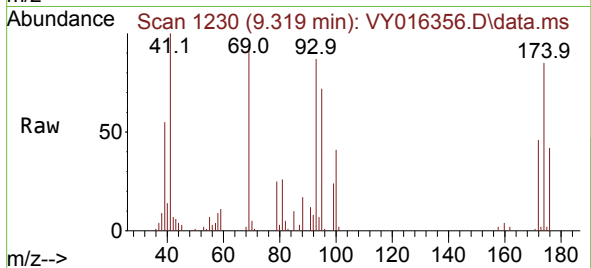
Tgt Ion: 88 Resp: 3270

Ion Ratio Lower Upper

88 100

43 32.6 0.0 0.0#

58 62.7 30.9 46.3#



#50

Toluene-d8

Concen: 52.515 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016356.D

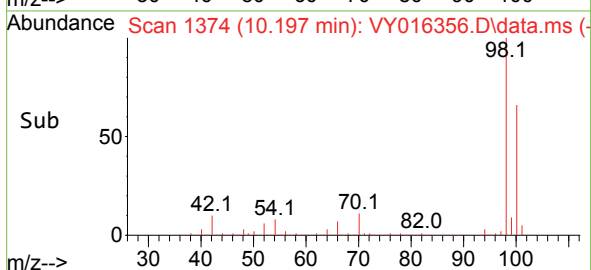
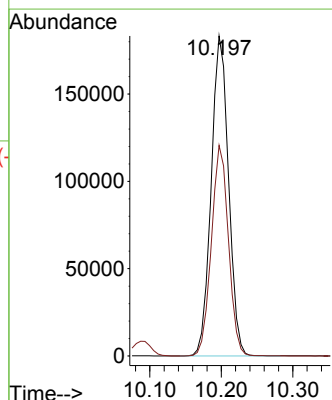
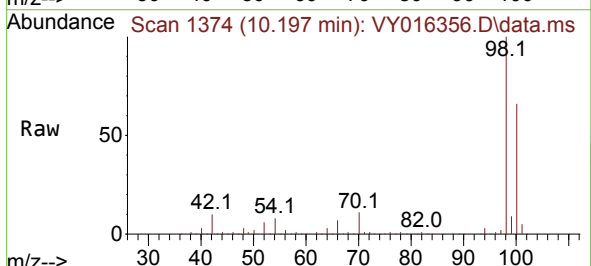
Acq: 15 Nov 2023 10:04

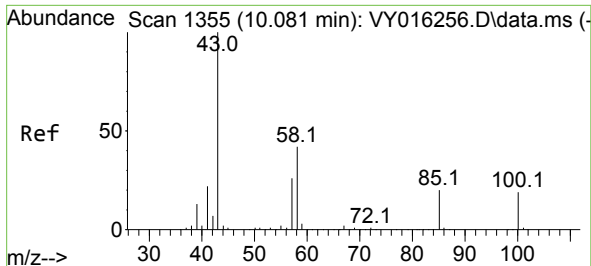
Tgt Ion: 98 Resp: 308526

Ion Ratio Lower Upper

98 100

100 64.8 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 87.784 ug/l

RT: 10.087 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

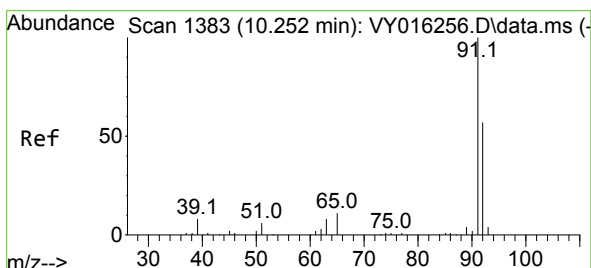
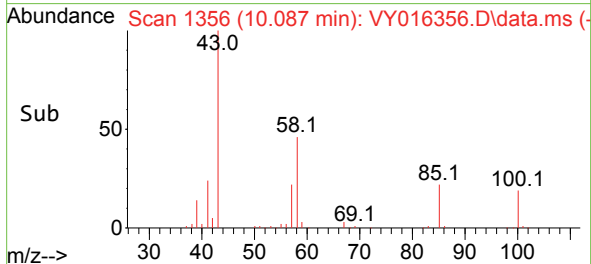
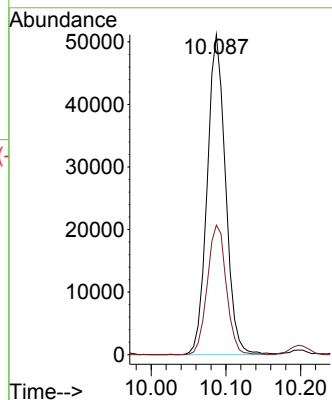
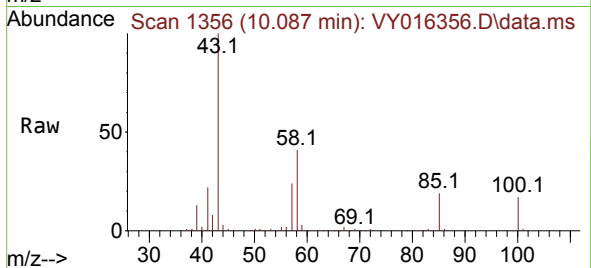
ClientSampleId :

Tgt Ion: 43 Resp: 87216

Ion Ratio Lower Upper

43 100

58 41.9 29.0 43.6



#52

Toluene

Concen: 19.258 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VY016356.D

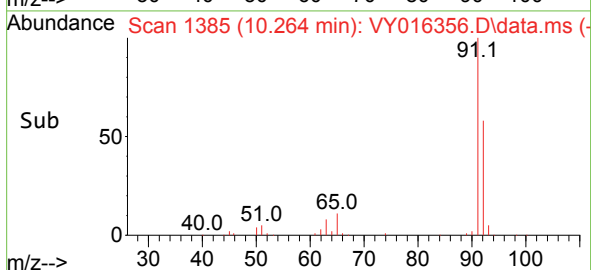
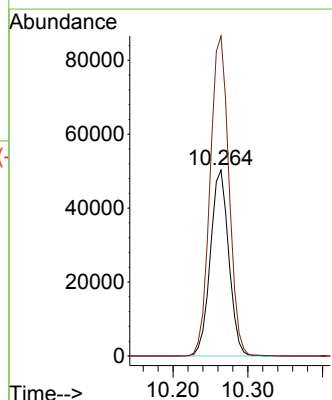
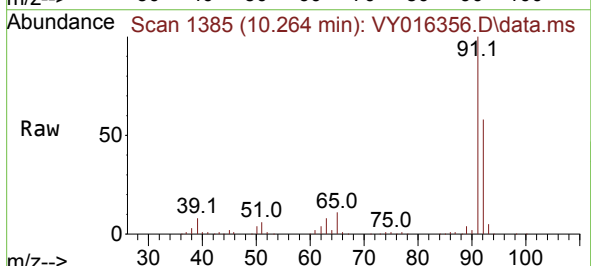
Acq: 15 Nov 2023 10:04

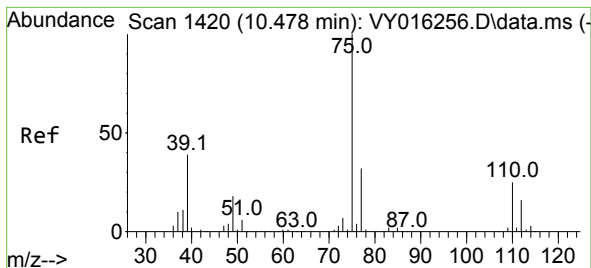
Tgt Ion: 92 Resp: 86039

Ion Ratio Lower Upper

92 100

91 175.9 143.8 215.6

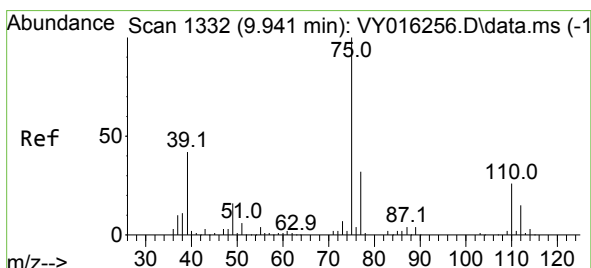
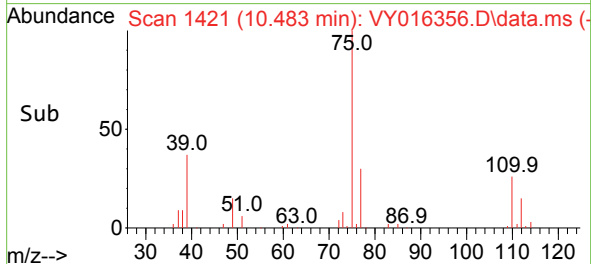
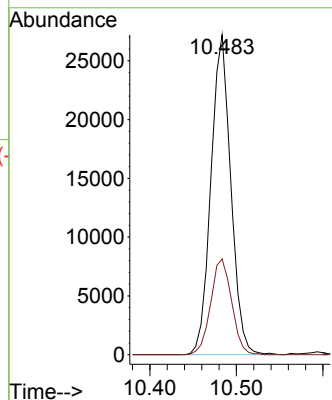
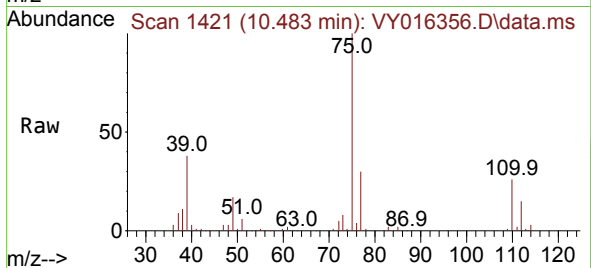




#53
 t-1,3-Dichloropropene
 Concen: 18.931 ug/l
 RT: 10.483 min Scan# 1420
 Delta R.T. 0.006 min
 Lab File: VY016356.D
 Acq: 15 Nov 2023 10:04

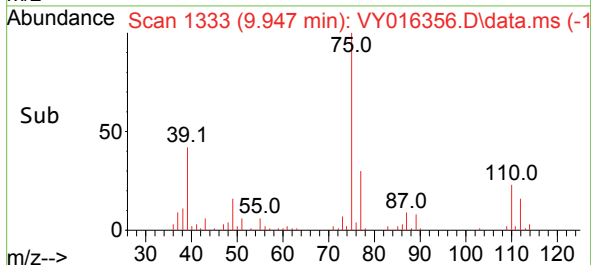
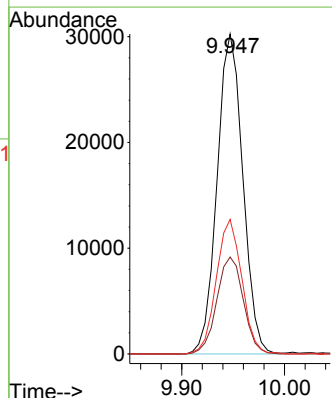
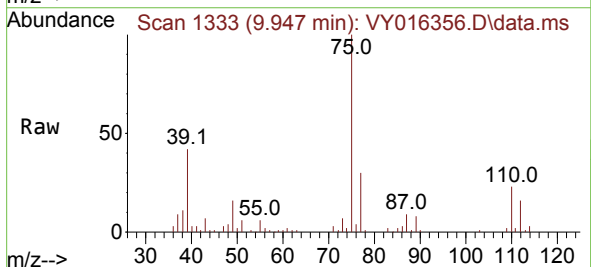
Instrument :
 MSVOA_Y
 ClientSampleId :

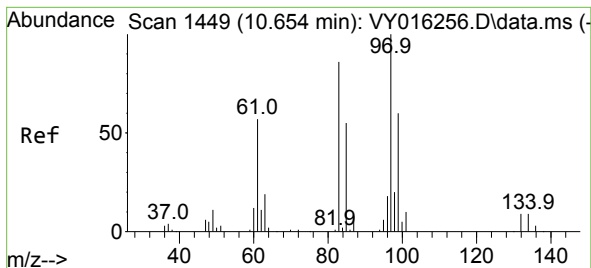
Tgt Ion: 75 Resp: 43399
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.216 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY016356.D
 Acq: 15 Nov 2023 10:04

Tgt Ion: 75 Resp: 52615
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.2 36.4
 39 42.1 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 19.242 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 24395

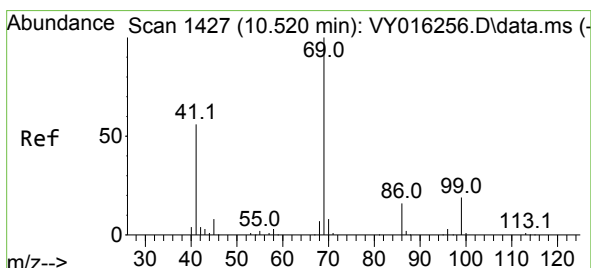
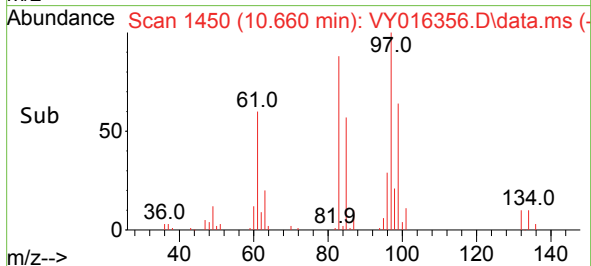
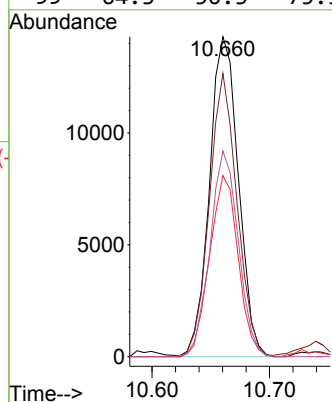
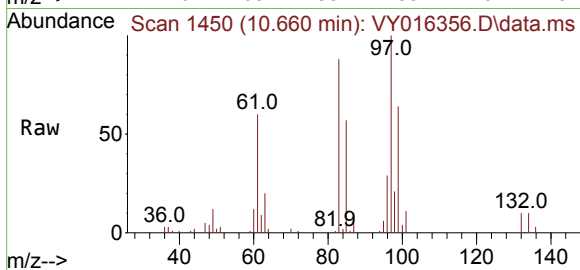
Ion Ratio Lower Upper

97 100

83 88.5 72.0 108.0

85 56.6 45.4 68.0

99 64.3 50.3 75.5



#56

Ethyl methacrylate

Concen: 17.497 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

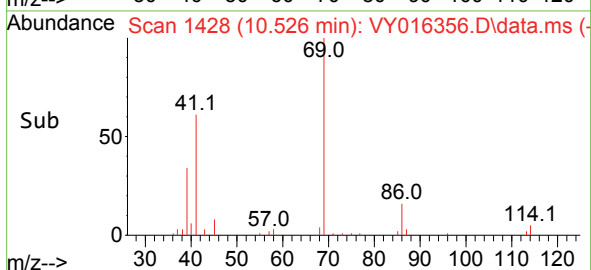
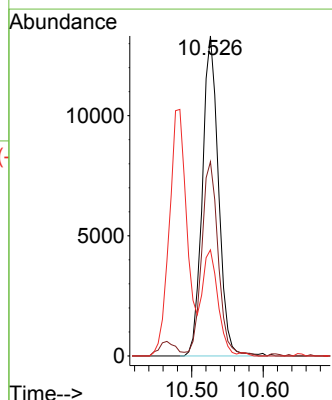
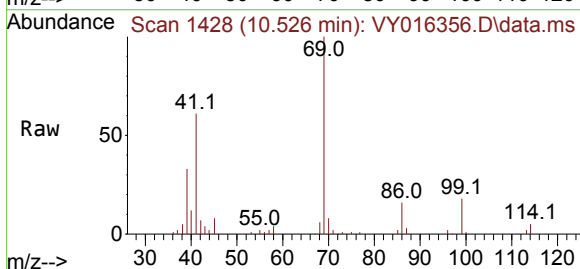
Tgt Ion: 69 Resp: 20939

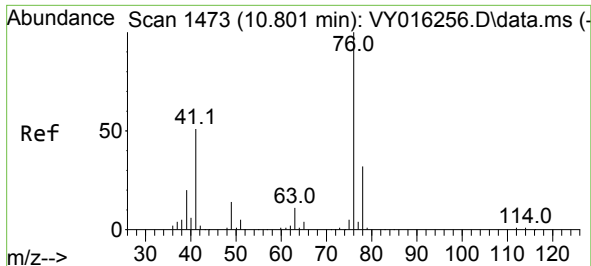
Ion Ratio Lower Upper

69 100

41 62.4 57.6 86.4

39 30.4 34.1 51.1#

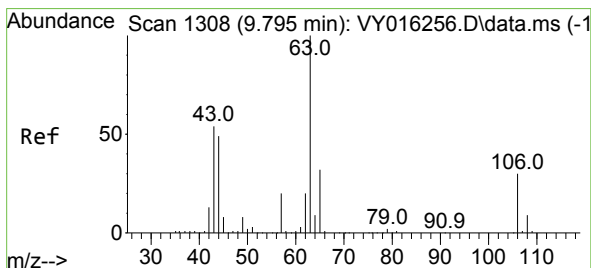
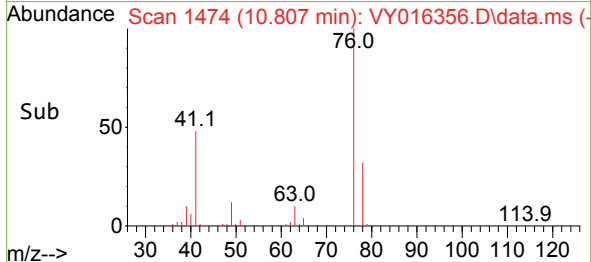
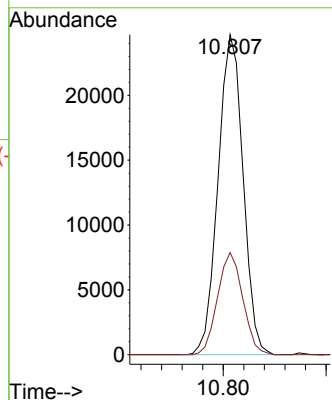
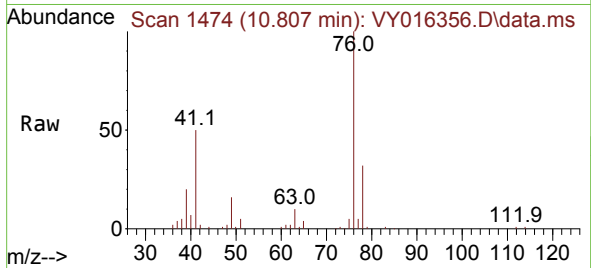




#57
1,3-Dichloropropane
Concen: 19.266 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

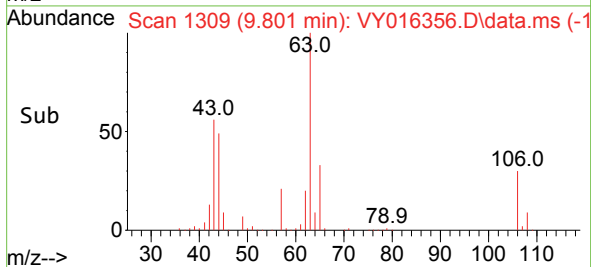
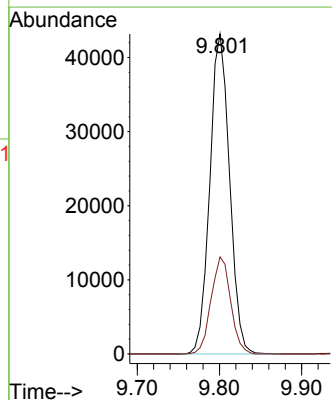
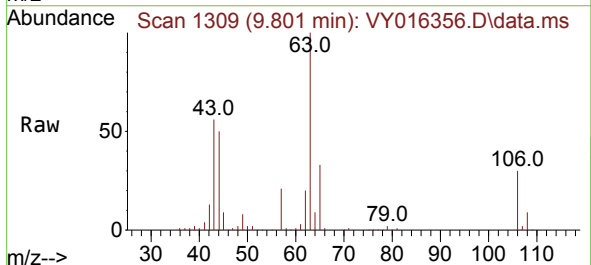
Instrument :
MSVOA_Y
ClientSampleId :

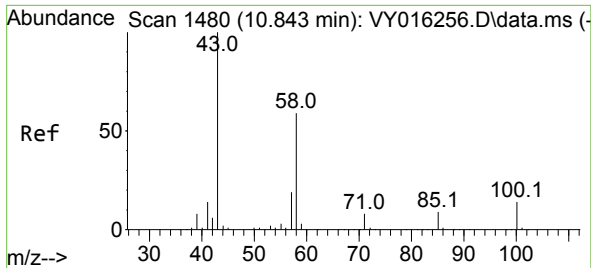
Tgt Ion: 76 Resp: 41634
Ion Ratio Lower Upper
76 100
78 32.1 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 88.701 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

Tgt Ion: 63 Resp: 71979
Ion Ratio Lower Upper
63 100
106 30.0 21.2 31.8

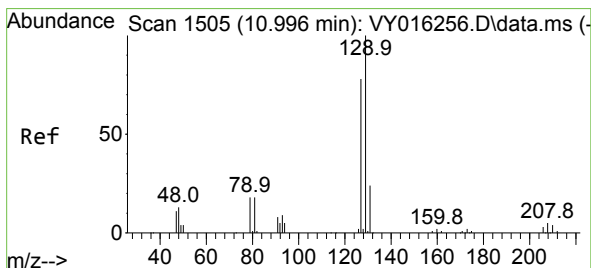
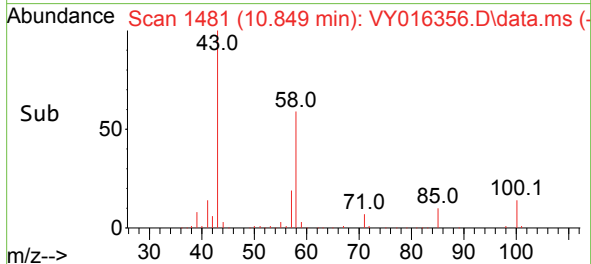
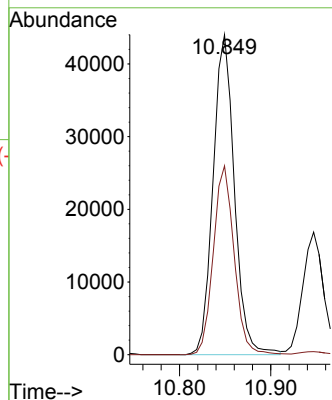
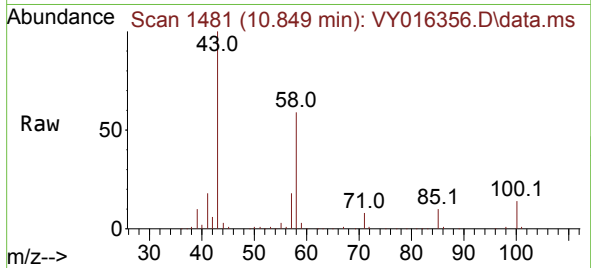




#59
2-Hexanone
Concen: 96.499 ug/l
RT: 10.849 min Scan# 1481
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

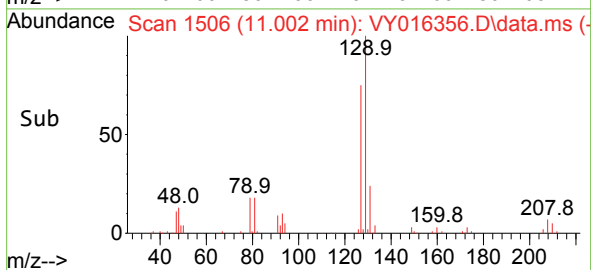
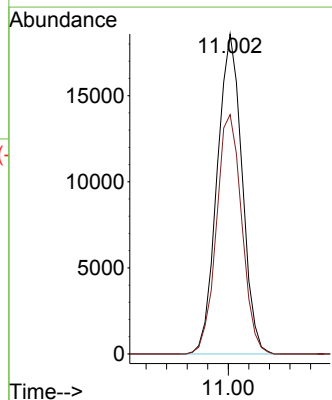
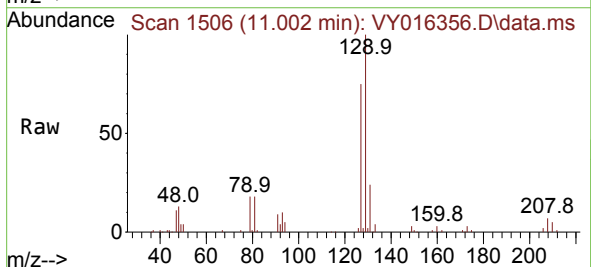
Instrument :
MSVOA_Y
ClientSampleId :

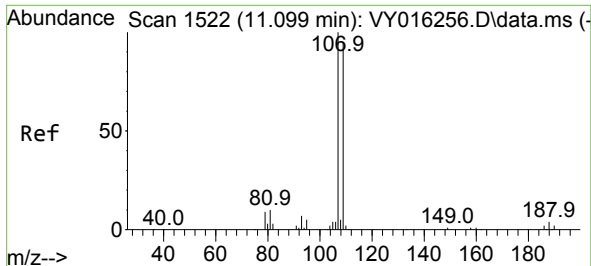
Tgt Ion: 43 Resp: 71314
Ion Ratio Lower Upper
43 100
58 57.7 25.1 75.3



#60
Dibromochloromethane
Concen: 19.692 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

Tgt Ion: 129 Resp: 31223
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.5

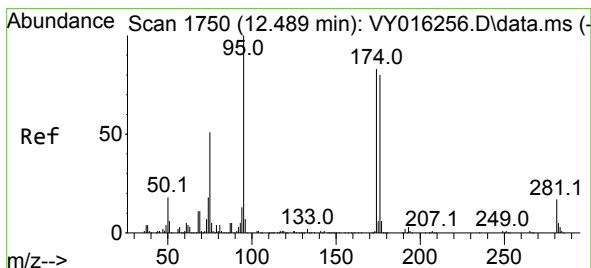
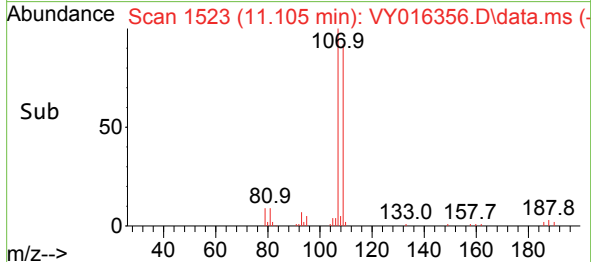
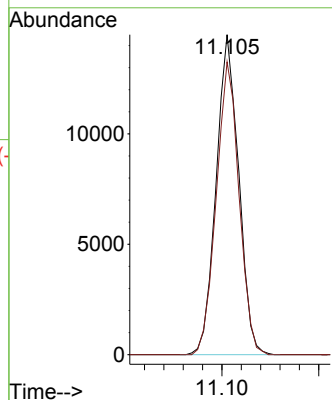
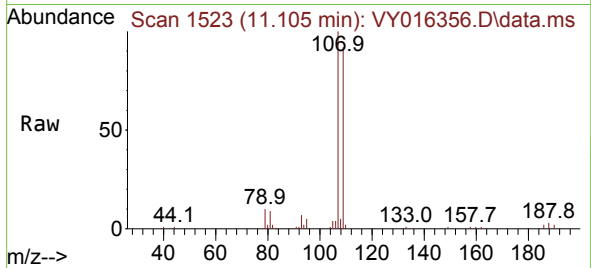




#61
1,2-Dibromoethane
Concen: 19.354 ug/l
RT: 11.105 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

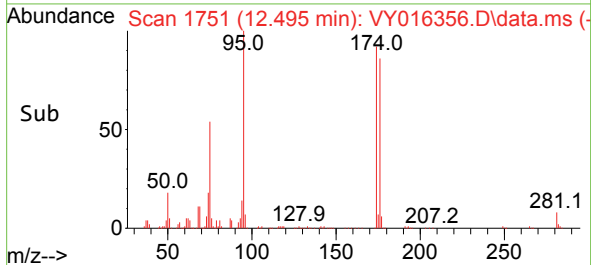
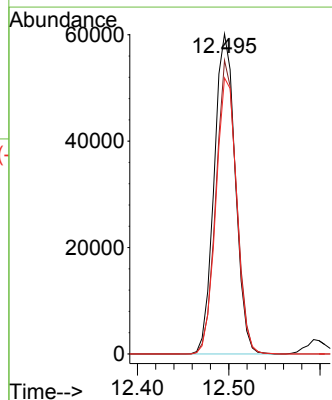
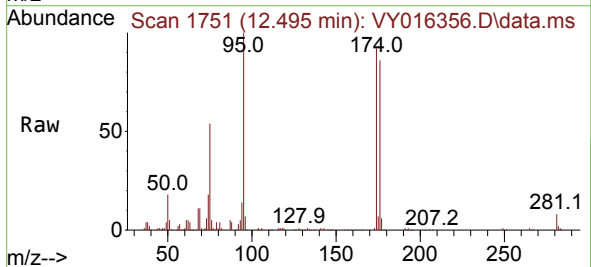
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 23376
Ion Ratio Lower Upper
107 100
109 92.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.538 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

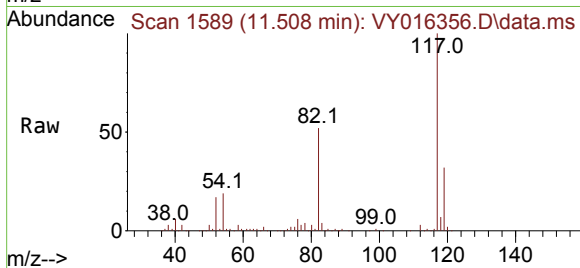
Tgt Ion: 95 Resp: 96432
Ion Ratio Lower Upper
95 100
174 88.7 0.0 178.2
176 85.6 0.0 173.8



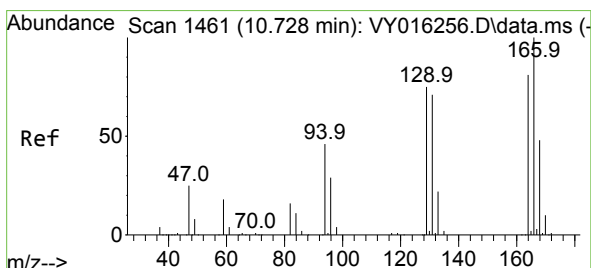
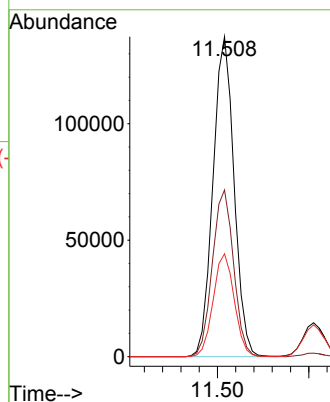
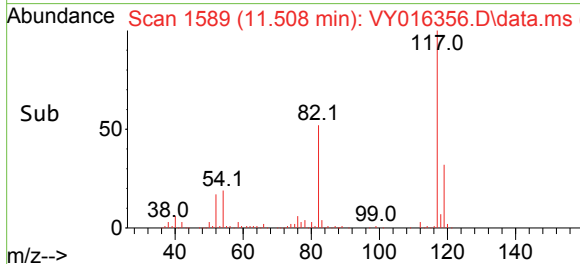


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

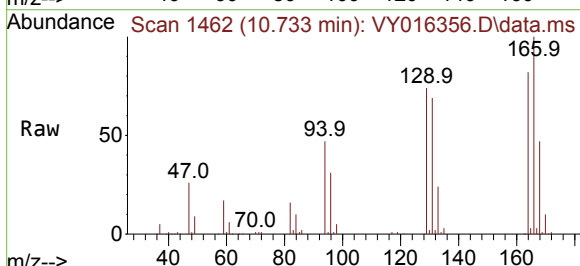
Instrument :
MSVOA_Y
ClientSampleId :



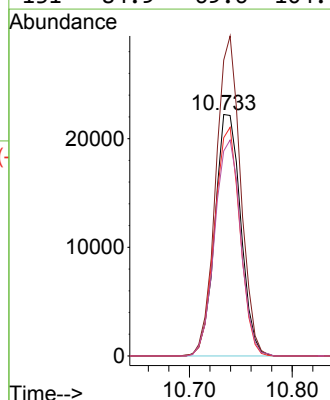
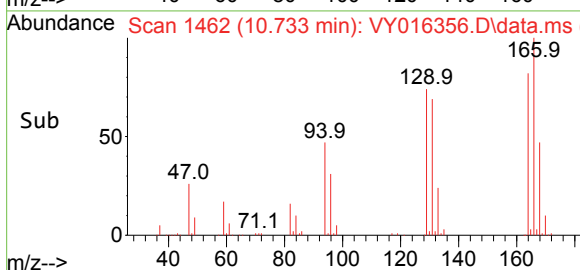
Tgt Ion:117 Resp: 219448
Ion Ratio Lower Upper
117 100
82 52.1 43.4 65.0
119 32.1 26.3 39.5

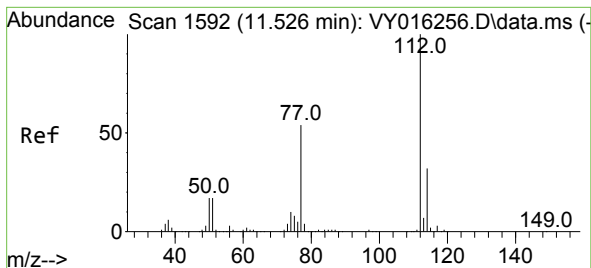


#64
Tetrachloroethene
Concen: 19.634 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04



Tgt Ion:164 Resp: 38688
Ion Ratio Lower Upper
164 100
166 122.5 103.0 154.6
129 90.4 77.2 115.8
131 84.9 69.6 104.4





#65

Chlorobenzene

Concen: 19.866 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

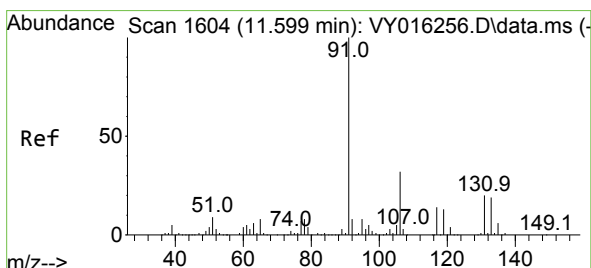
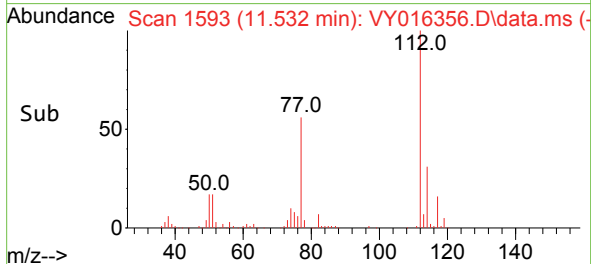
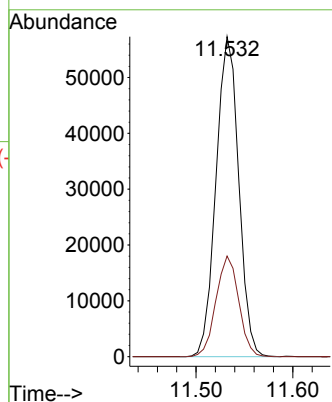
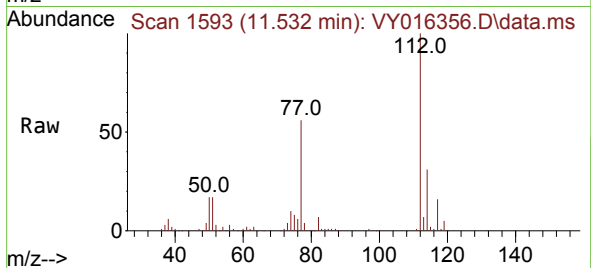
ClientSampleId :

Tgt Ion:112 Resp: 93141

Ion Ratio Lower Upper

112 100

114 31.4 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.255 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

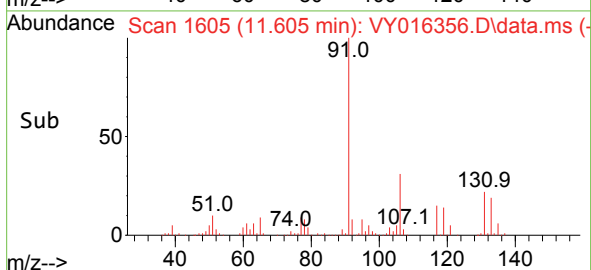
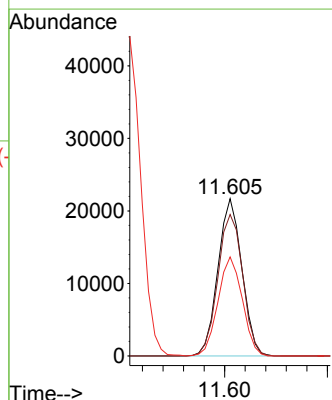
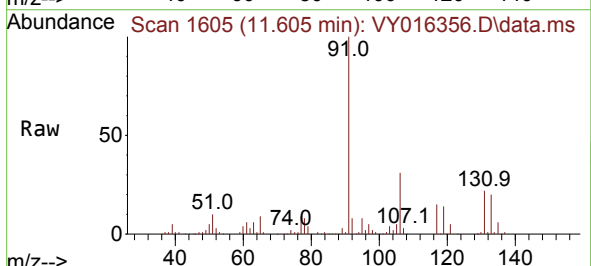
Tgt Ion:131 Resp: 35027

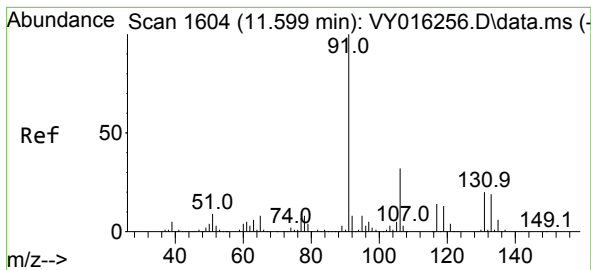
Ion Ratio Lower Upper

131 100

133 93.7 47.5 142.6

119 63.9 31.6 94.7





#67

Ethyl Benzene

Concen: 19.779 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

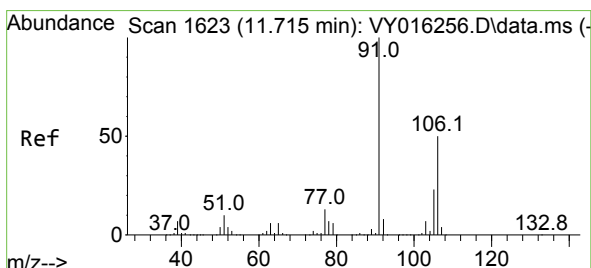
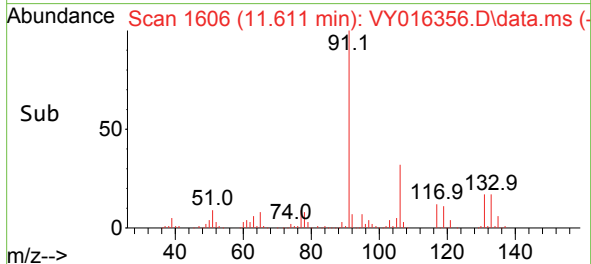
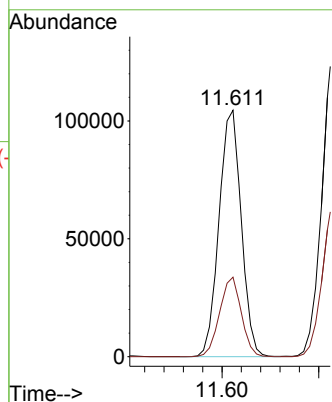
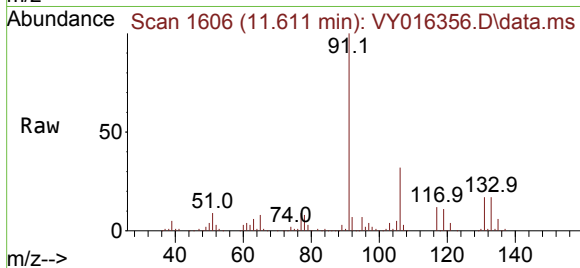
ClientSampleId :

Tgt Ion: 91 Resp: 166663

Ion Ratio Lower Upper

91 100

106 32.3 24.6 36.8



#68

m/p-Xylenes

Concen: 39.755 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.006 min

Lab File: VY016356.D

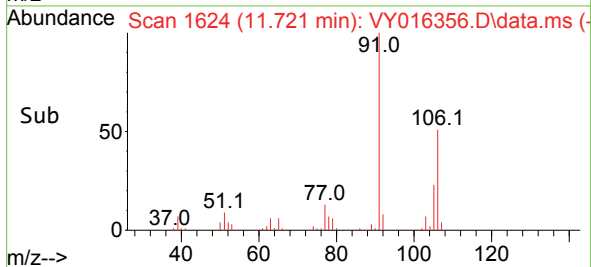
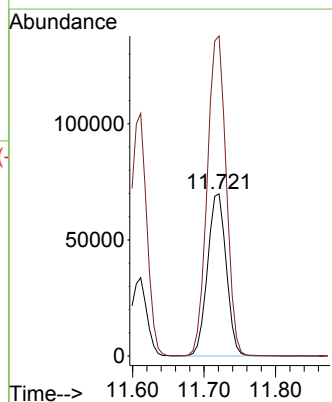
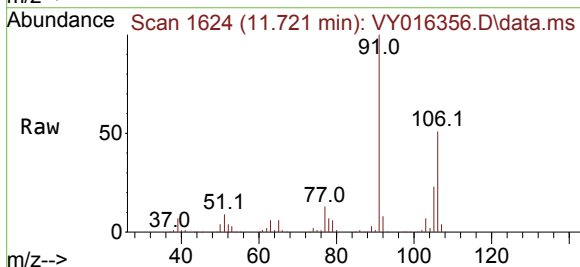
Acq: 15 Nov 2023 10:04

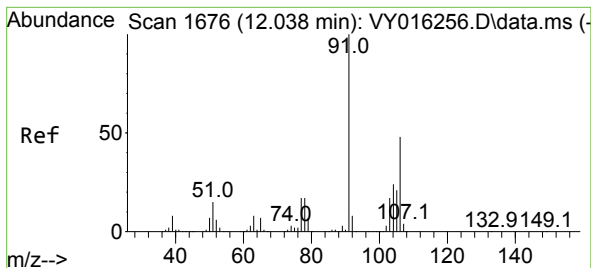
Tgt Ion:106 Resp: 127056

Ion Ratio Lower Upper

106 100

91 199.8 166.1 249.1





#69

o-Xylene

Concen: 19.962 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

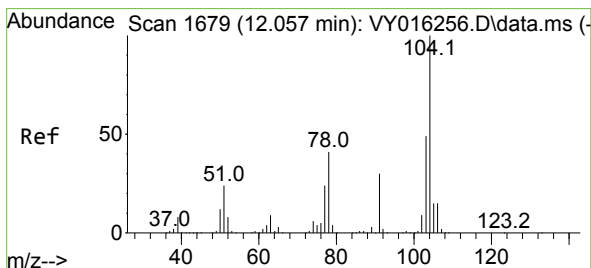
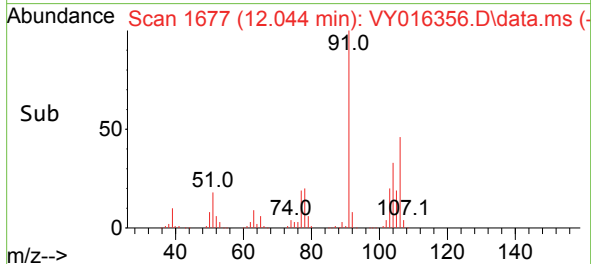
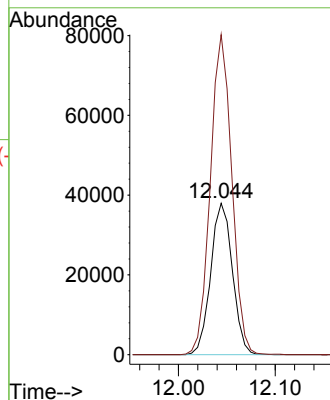
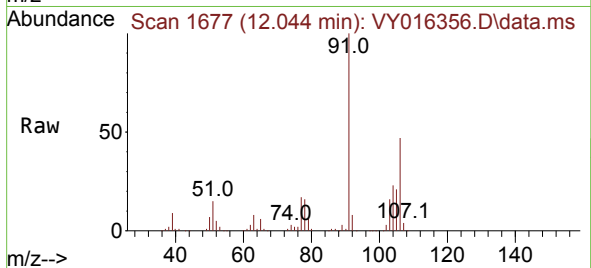
ClientSampleId :

Tgt Ion:106 Resp: 59233

Ion Ratio Lower Upper

106 100

91 208.9 108.1 324.3



#70

Styrene

Concen: 19.764 ug/l

RT: 12.062 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

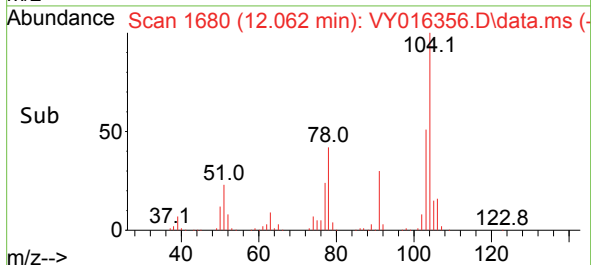
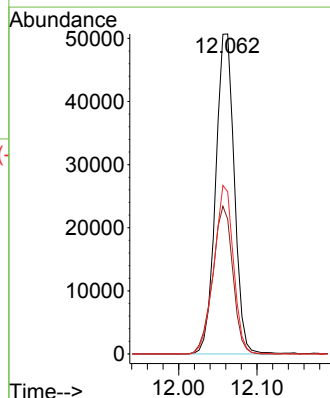
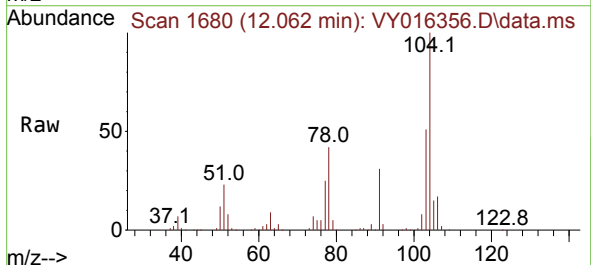
Tgt Ion:104 Resp: 83974

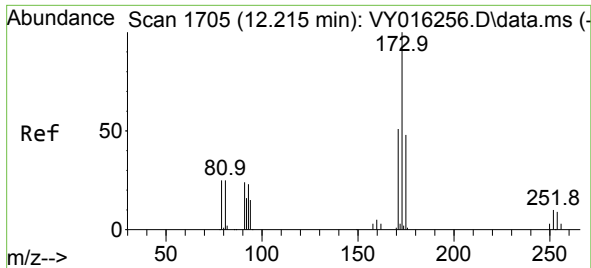
Ion Ratio Lower Upper

104 100

78 49.7 41.5 62.3

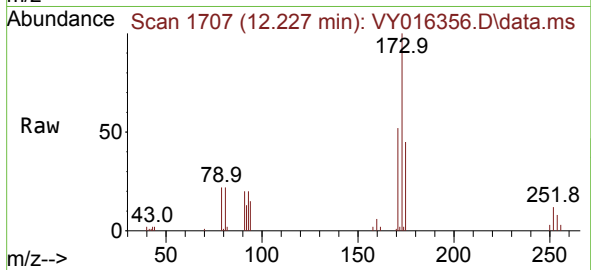
103 55.2 44.6 67.0



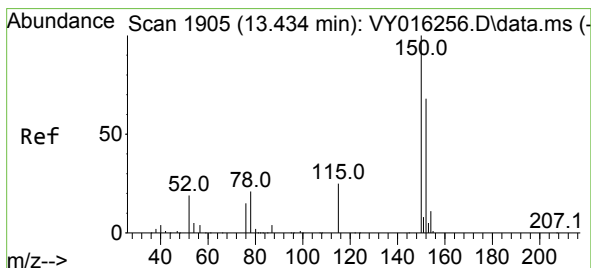
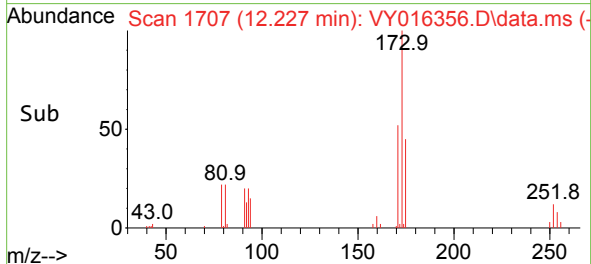
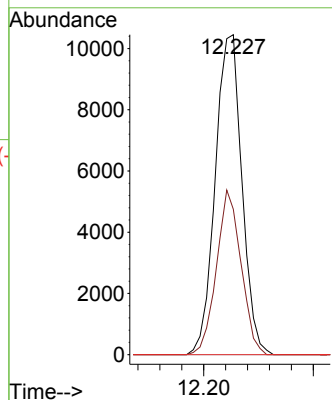


#71
Bromoform
Concen: 19.678 ug/l
RT: 12.227 min Scan# 1707
Delta R.T. 0.012 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

Instrument :
MSVOA_Y
ClientSampleId :

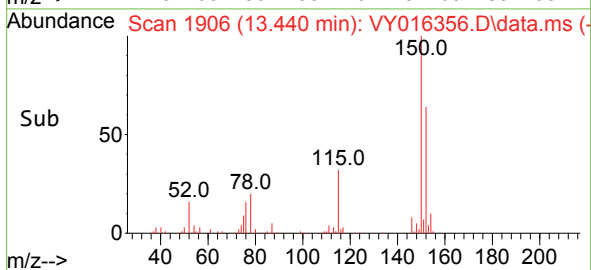
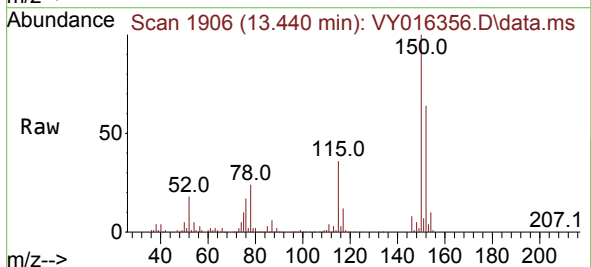
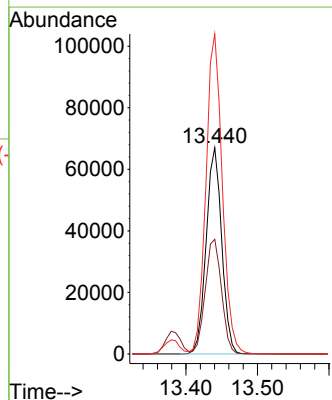


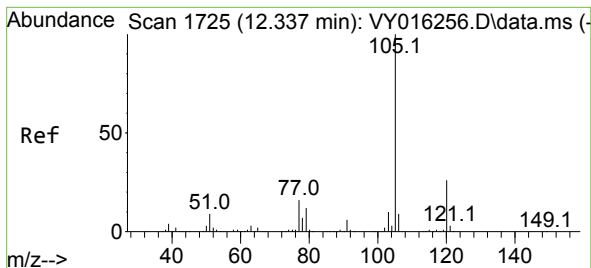
Tgt Ion:173 Resp: 17657
Ion Ratio Lower Upper
173 100
175 47.4 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

Tgt Ion:152 Resp: 101497
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 162.8 0.0 348.8





#73

Isopropylbenzene

Concen: 19.654 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

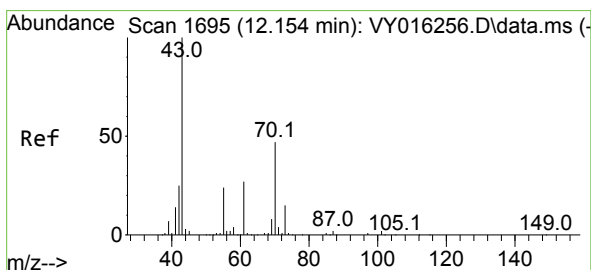
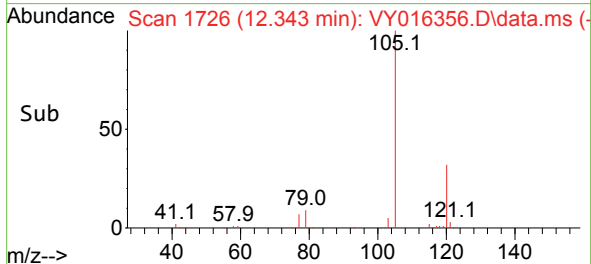
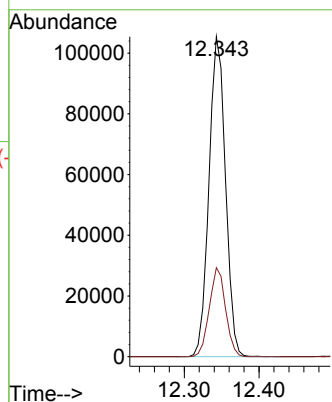
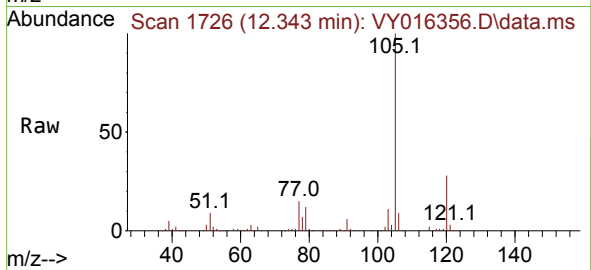
ClientSampleId :

Tgt Ion:105 Resp: 161536

Ion Ratio Lower Upper

105 100

120 27.3 13.3 39.9



#74

N-ethyl acetate

Concen: 16.389 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Tgt Ion: 43 Resp: 27057

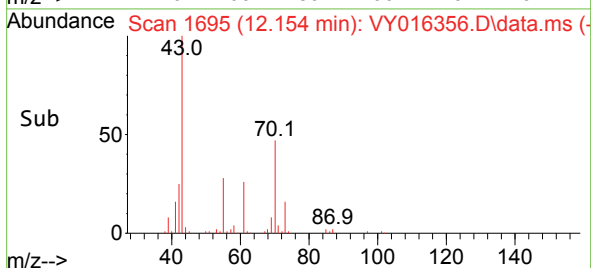
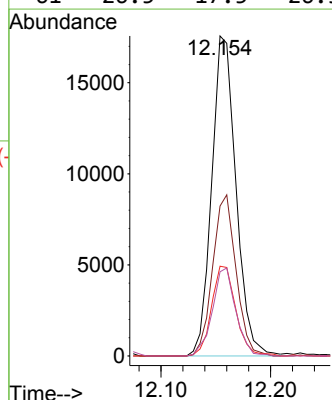
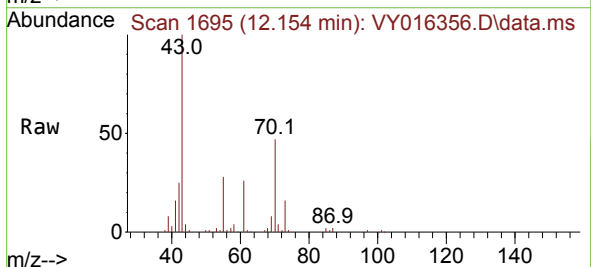
Ion Ratio Lower Upper

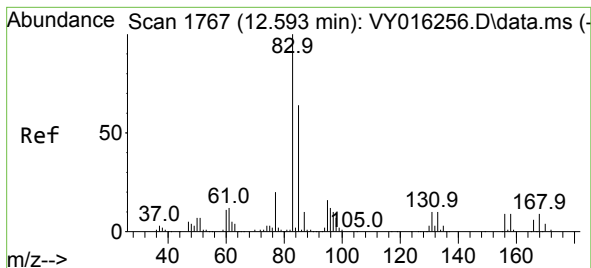
43 100

70 48.5 29.7 44.5#

55 28.0 18.3 27.5#

61 26.5 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.123 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

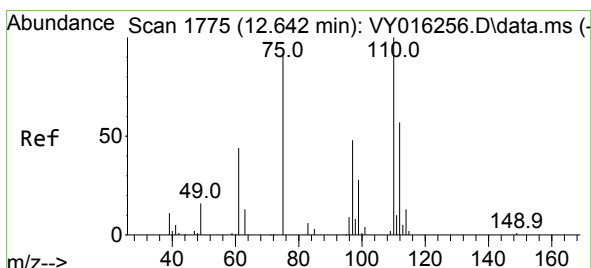
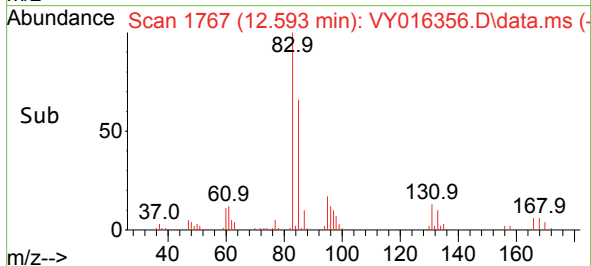
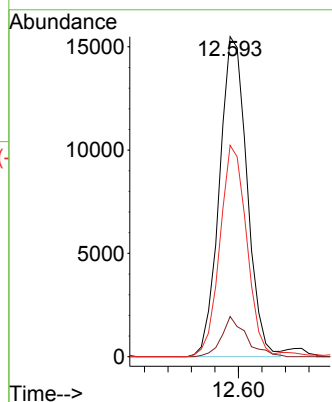
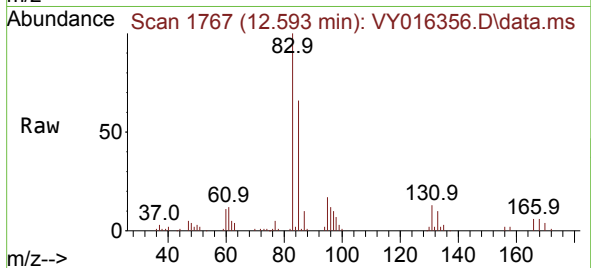
Tgt Ion: 83 Resp: 25221

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 34.205 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016356.D

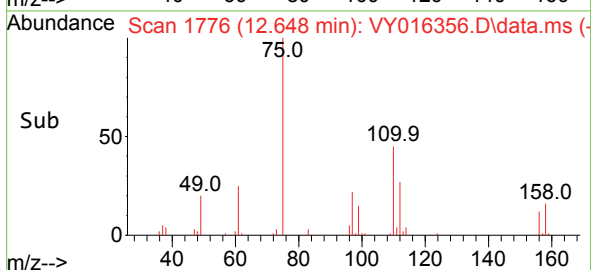
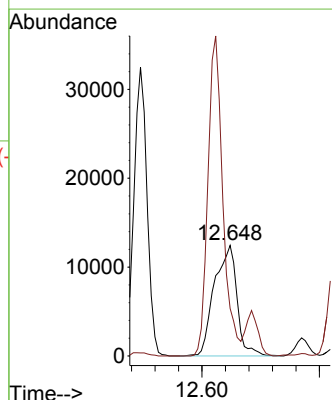
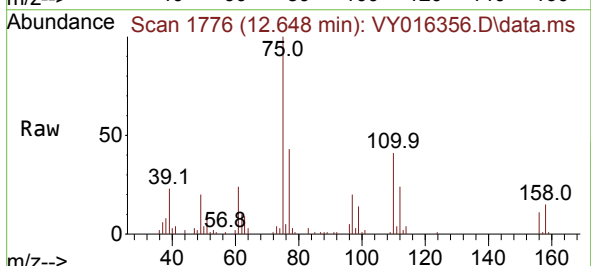
Acq: 15 Nov 2023 10:04

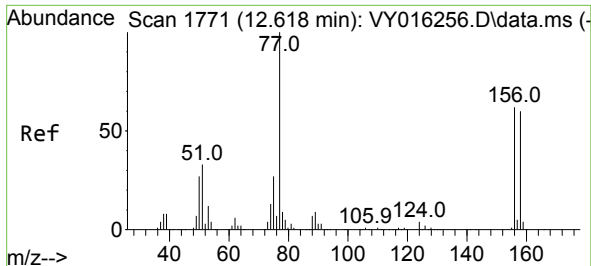
Tgt Ion: 75 Resp: 33304

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

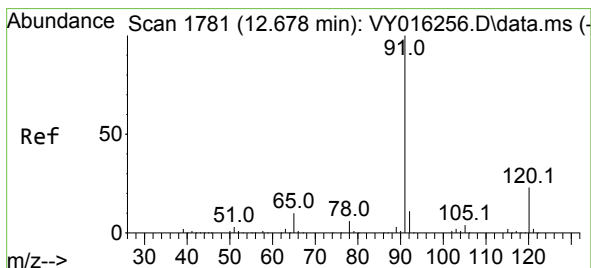
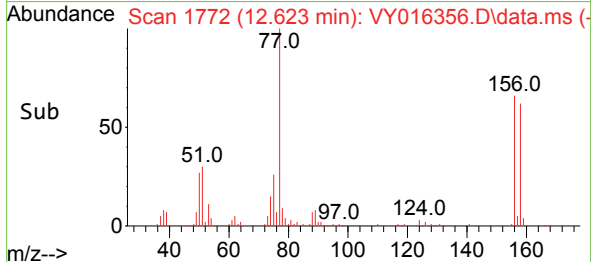
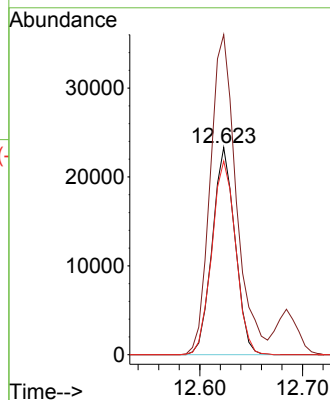
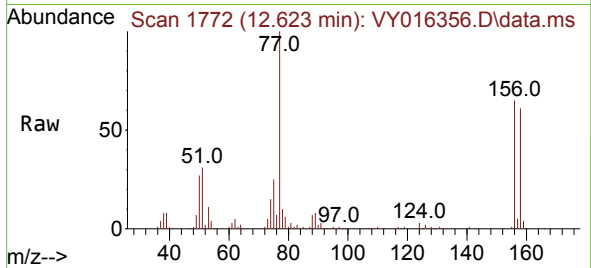




#77
Bromobenzene
Concen: 19.275 ug/l
RT: 12.623 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

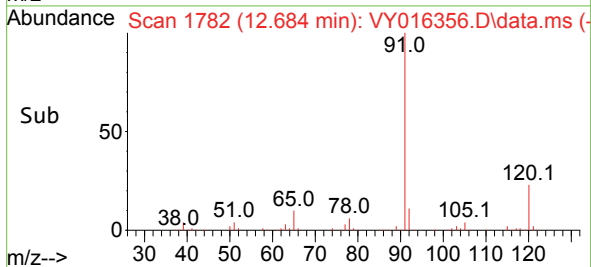
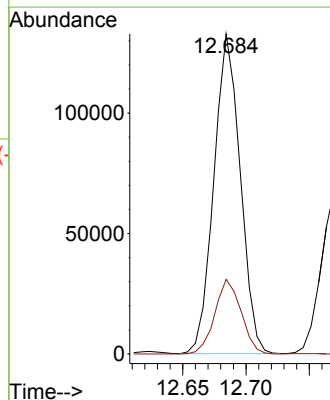
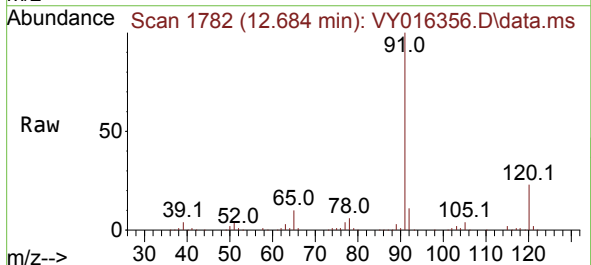
Instrument :
MSVOA_Y
ClientSampleId :

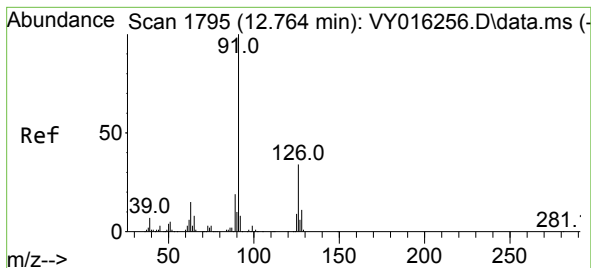
Tgt Ion:156 Resp: 35805
Ion Ratio Lower Upper
156 100
77 177.7 92.8 278.6
158 98.2 48.4 145.3



#78
n-propylbenzene
Concen: 19.799 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

Tgt Ion: 91 Resp: 192314
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.687 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

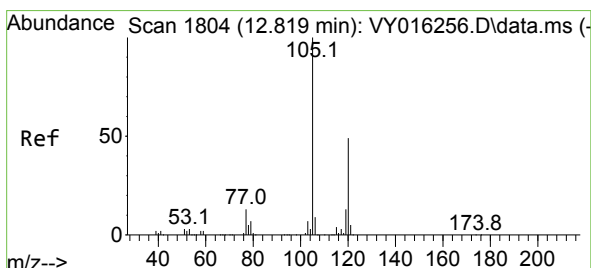
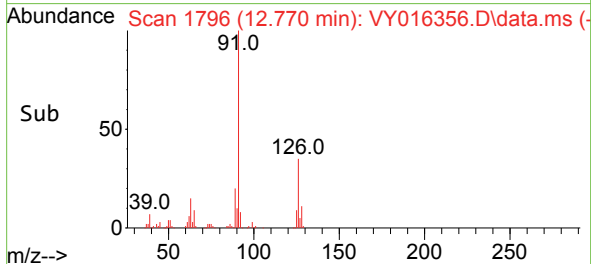
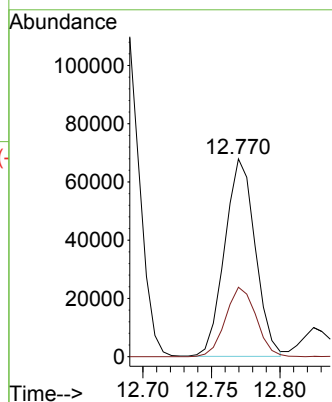
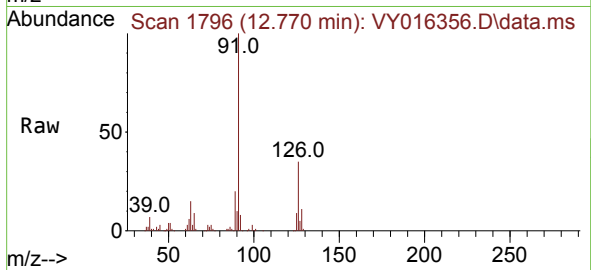
ClientSampleId :

Tgt Ion: 91 Resp: 105381

Ion Ratio Lower Upper

91 100

126 35.2 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 19.869 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY016356.D

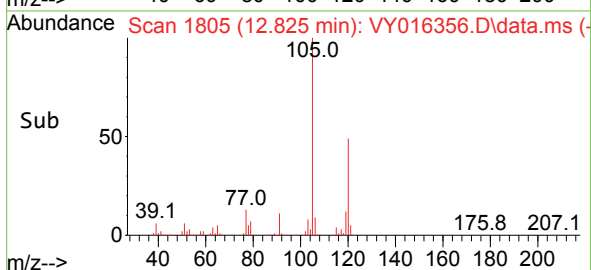
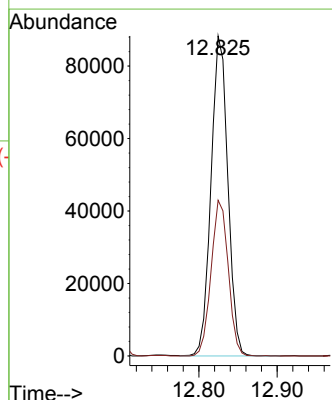
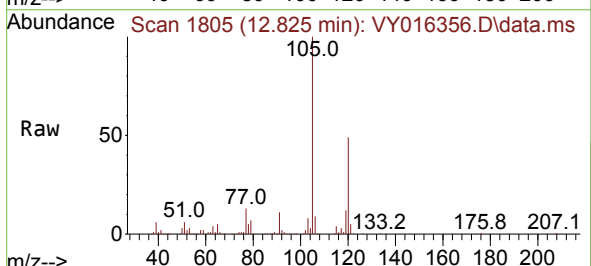
Acq: 15 Nov 2023 10:04

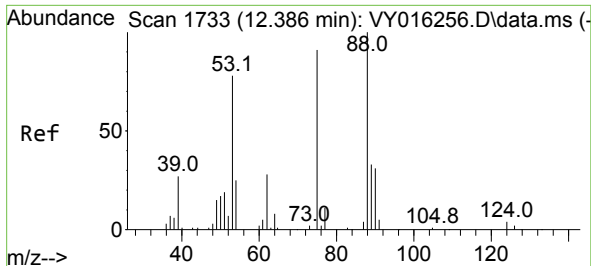
Tgt Ion: 105 Resp: 131660

Ion Ratio Lower Upper

105 100

120 49.5 23.9 71.7

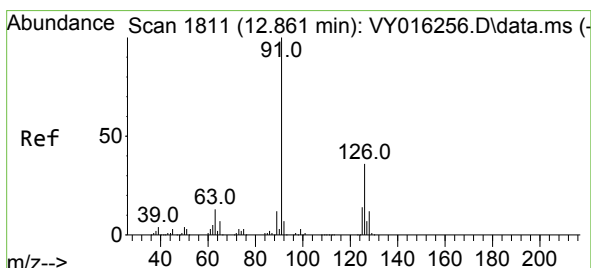
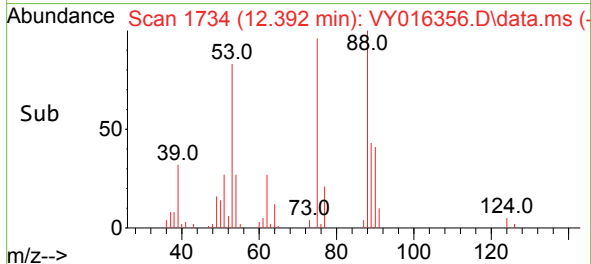
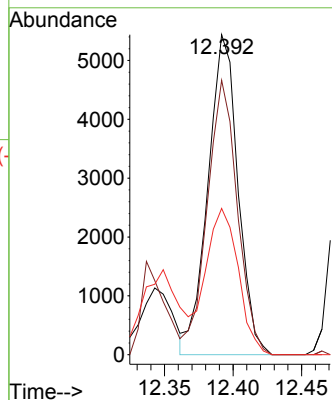
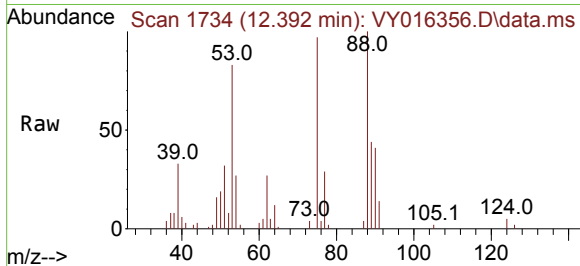




#81
trans-1,4-Dichloro-2-butene
Concen: 18.443 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

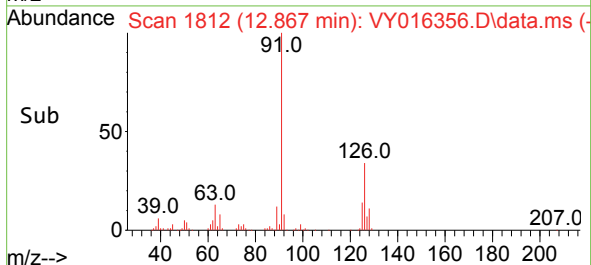
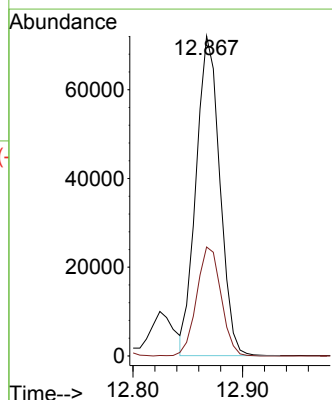
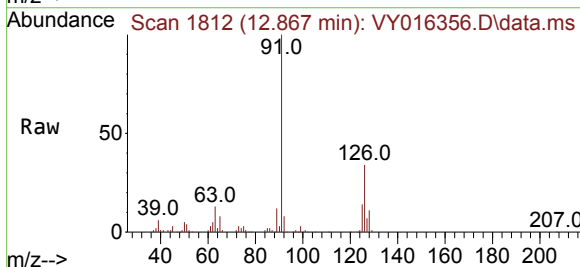
Instrument :
MSVOA_Y
ClientSampleId :

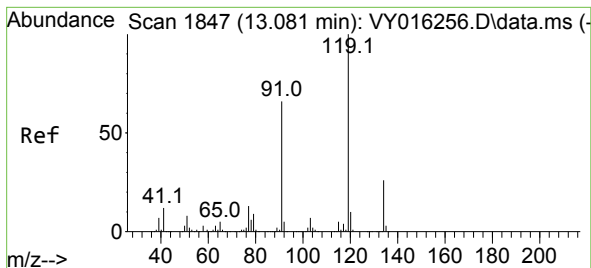
Tgt Ion: 75 Resp: 8273
Ion Ratio Lower Upper
75 100
53 86.3 77.8 116.8
89 49.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.596 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

Tgt Ion: 91 Resp: 108387
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.774 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.006 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

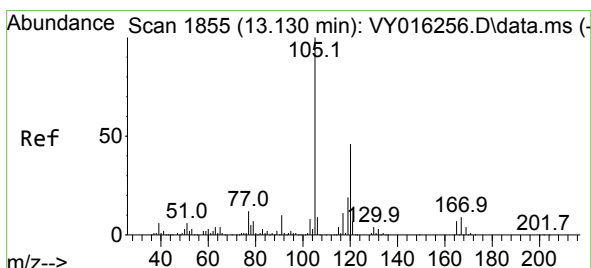
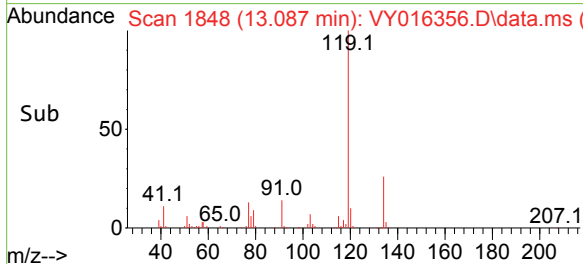
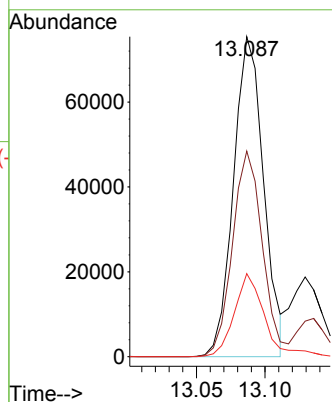
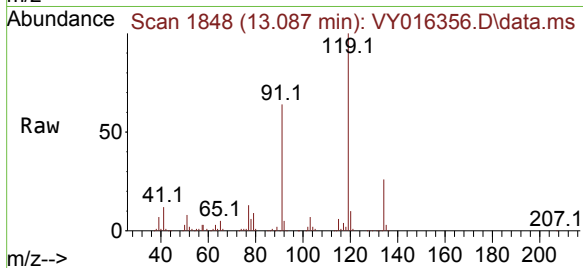
Tgt Ion:119 Resp: 115415

Ion Ratio Lower Upper

119 100

91 64.1 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.745 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016356.D

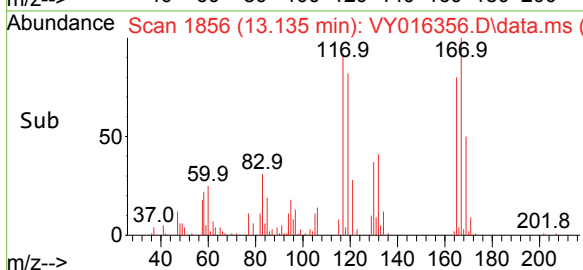
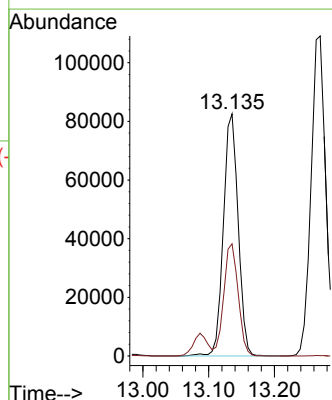
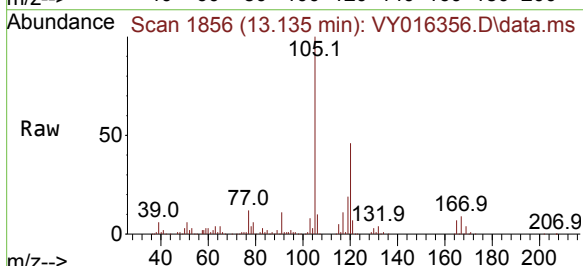
Acq: 15 Nov 2023 10:04

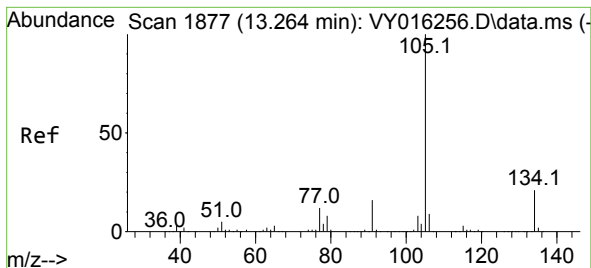
Tgt Ion:105 Resp: 128836

Ion Ratio Lower Upper

105 100

120 45.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.065 ug/l

RT: 13.270 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

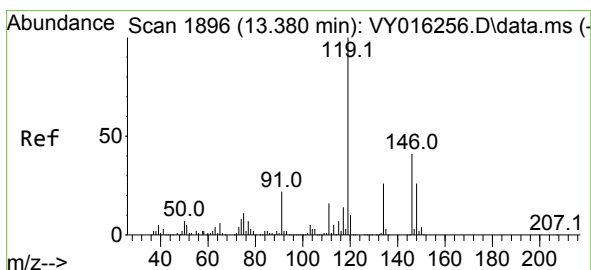
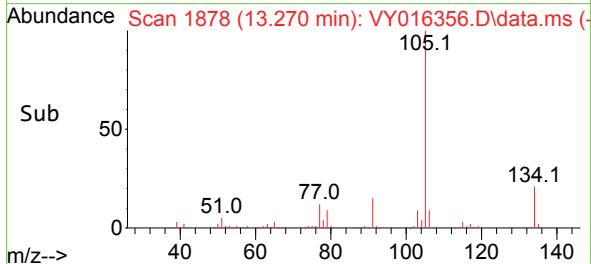
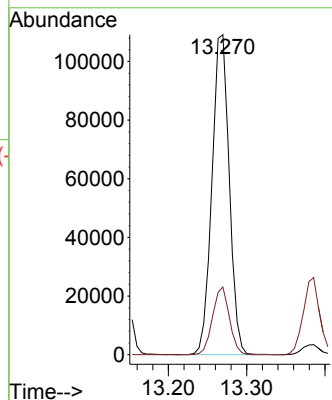
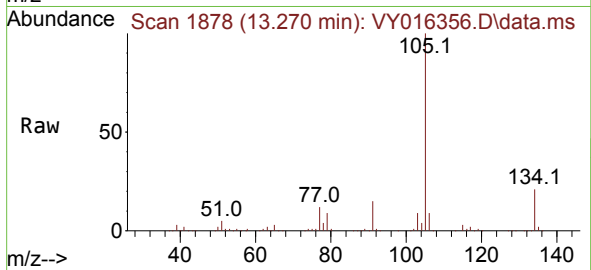
ClientSampleId :

Tgt Ion:105 Resp: 167318

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.024 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

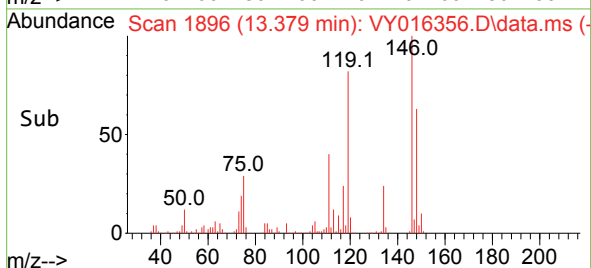
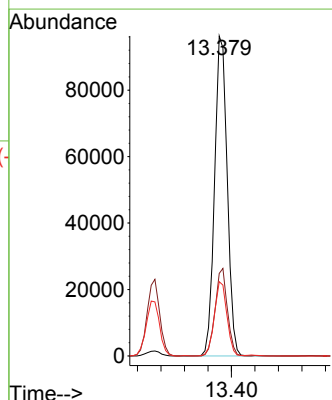
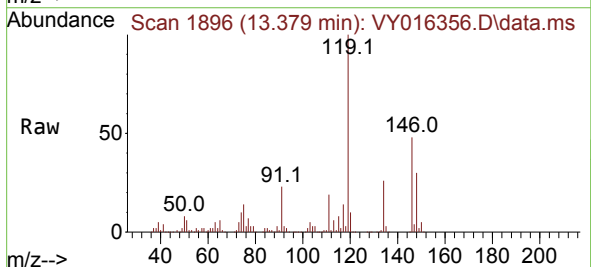
Tgt Ion:119 Resp: 143778

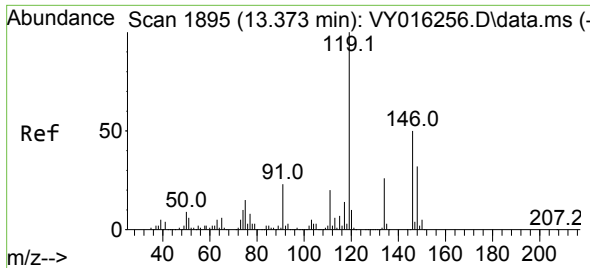
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.1 12.4 37.4

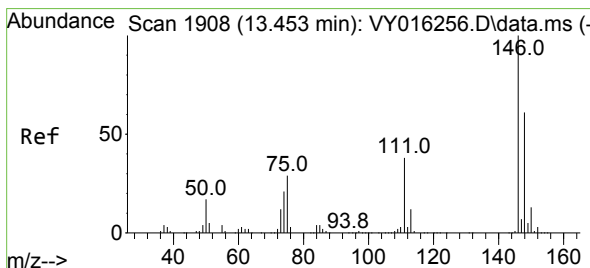
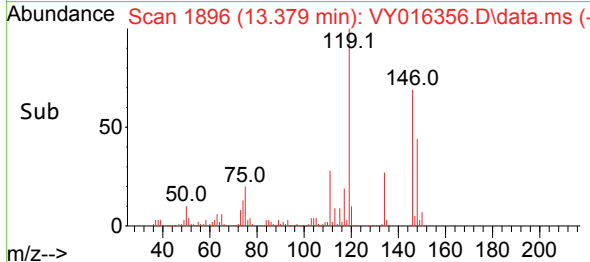
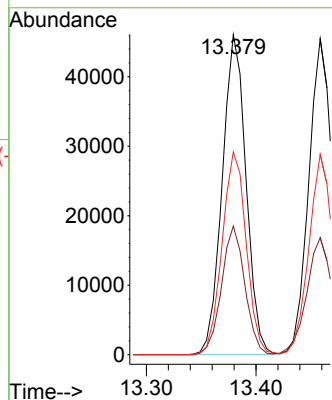
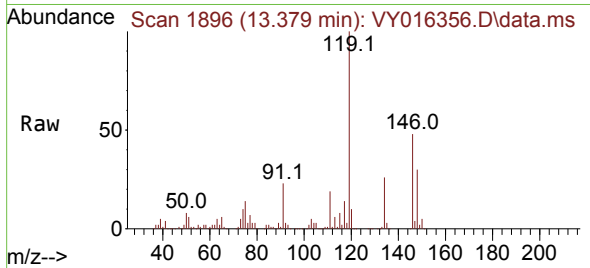




#87
1,3-Dichlorobenzene
Concen: 19.462 ug/l
RT: 13.379 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

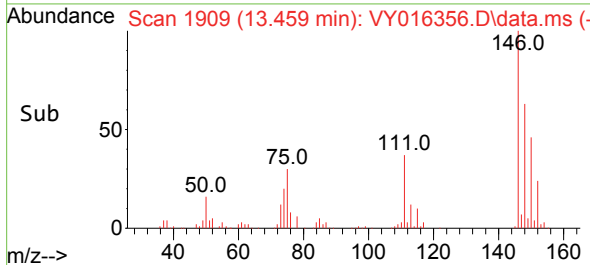
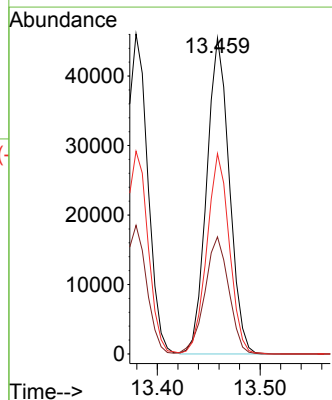
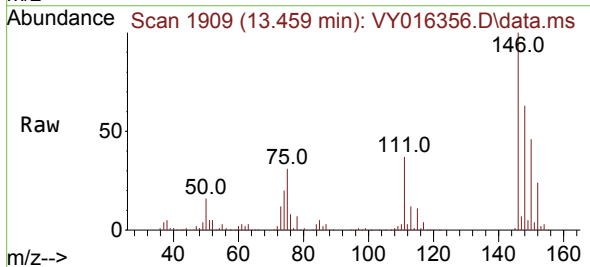
Instrument :
MSVOA_Y
ClientSampleId :

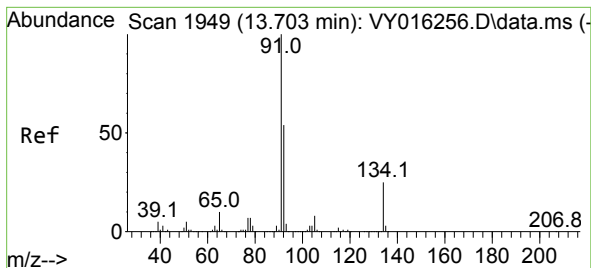
Tgt Ion:146 Resp: 69552
Ion Ratio Lower Upper
146 100
111 39.4 19.4 58.2
148 64.1 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 19.954 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016356.D
Acq: 15 Nov 2023 10:04

Tgt Ion:146 Resp: 69693
Ion Ratio Lower Upper
146 100
111 39.1 18.9 56.7
148 62.9 32.1 96.5





#89

n-Butylbenzene

Concen: 19.884 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

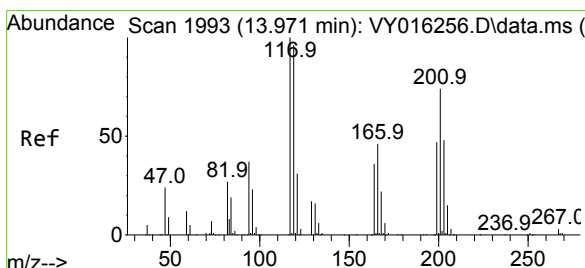
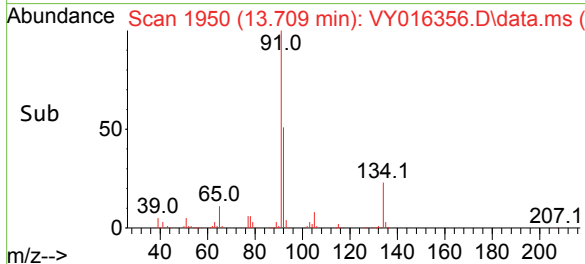
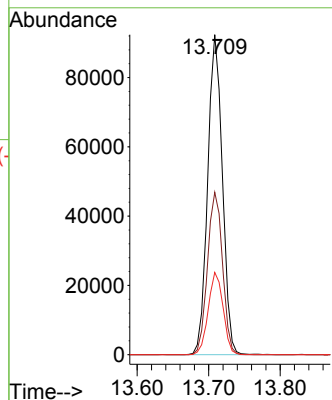
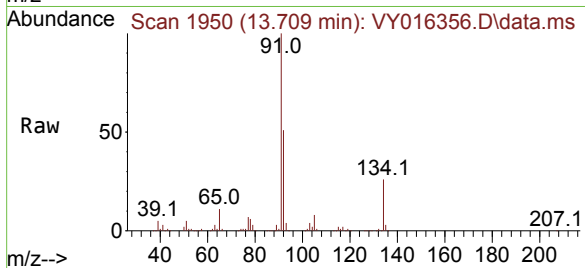
Tgt Ion: 91 Resp: 131851

Ion Ratio Lower Upper

91 100

92 52.0 25.4 76.0

134 26.1 12.6 37.6



#90

Hexachloroethane

Concen: 20.040 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016356.D

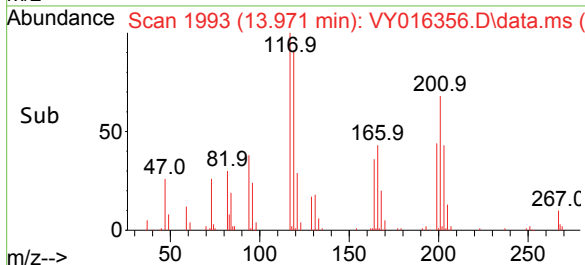
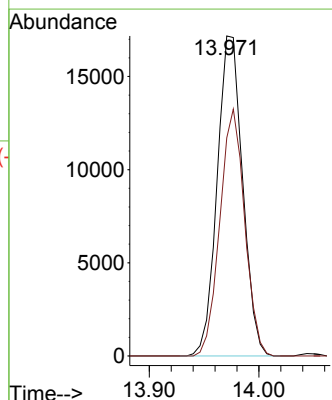
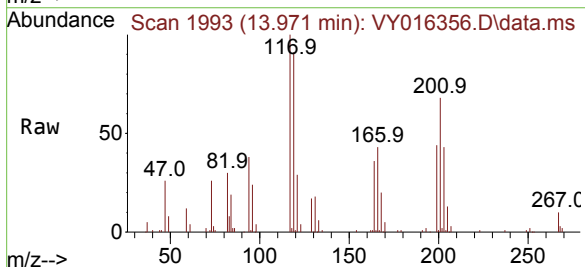
Acq: 15 Nov 2023 10:04

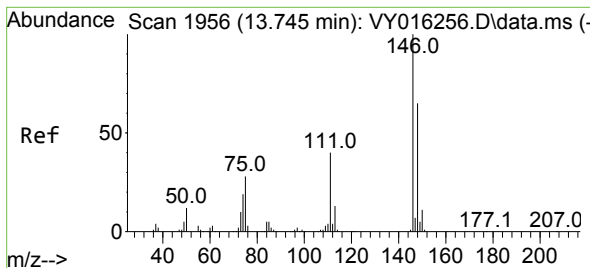
Tgt Ion: 117 Resp: 27757

Ion Ratio Lower Upper

117 100

201 75.0 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 19.345 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

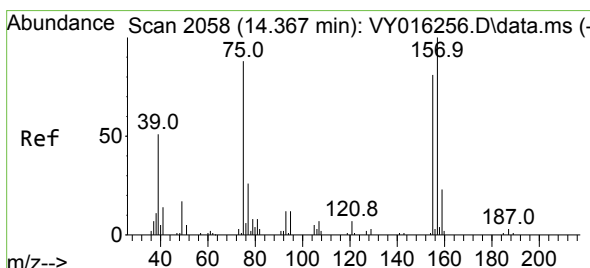
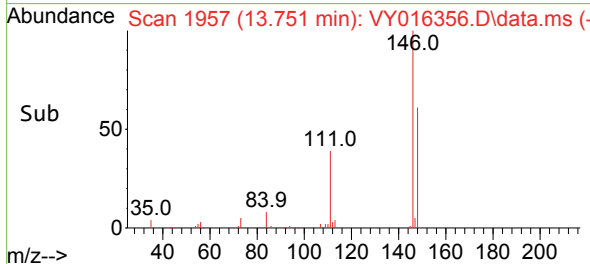
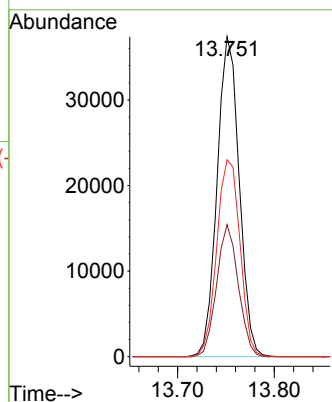
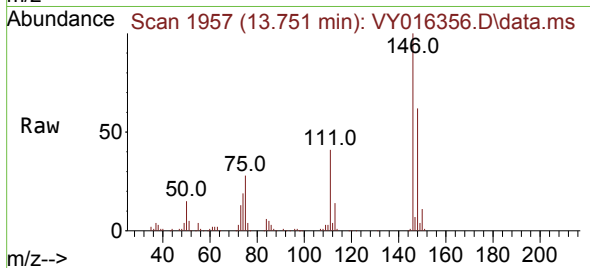
Tgt Ion:146 Resp: 59243

Ion Ratio Lower Upper

146 100

111 40.4 19.7 59.0

148 64.8 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.889 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

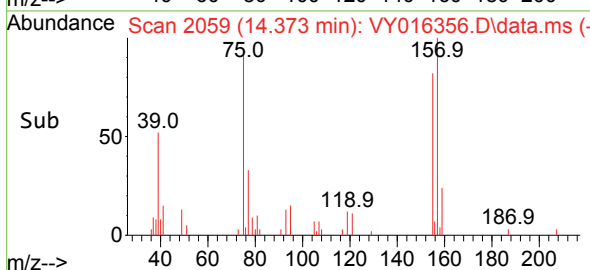
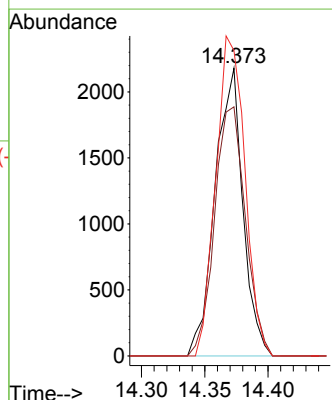
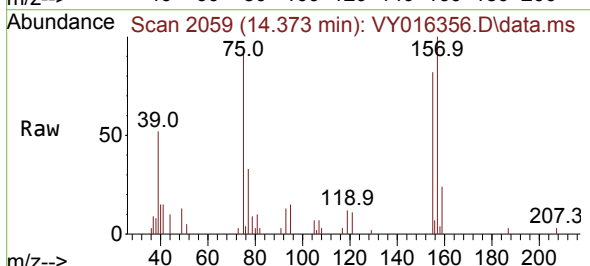
Tgt Ion: 75 Resp: 3334

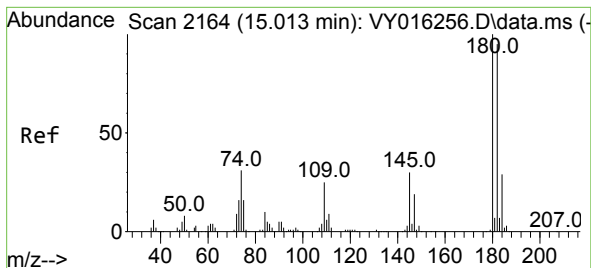
Ion Ratio Lower Upper

75 100

155 95.8 41.5 124.6

157 116.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.679 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

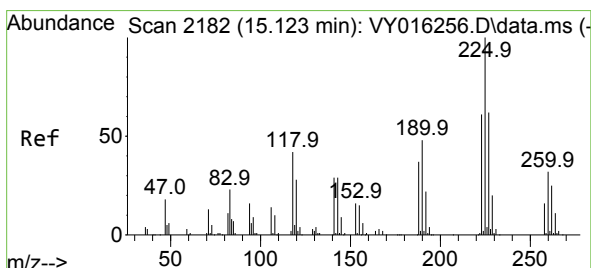
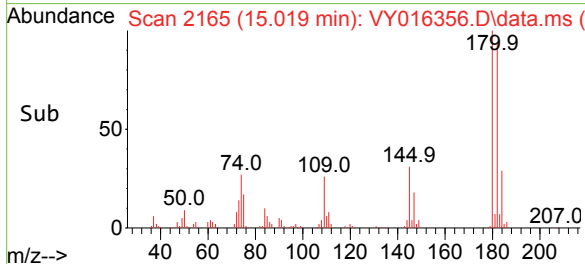
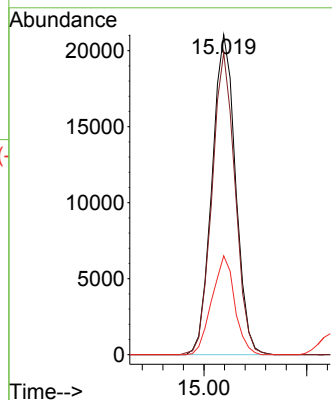
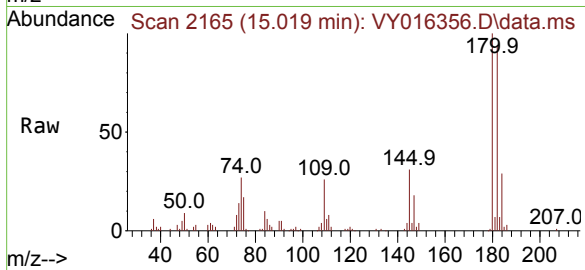
Tgt Ion:180 Resp: 33390

Ion Ratio Lower Upper

180 100

182 92.7 47.0 141.2

145 30.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.033 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

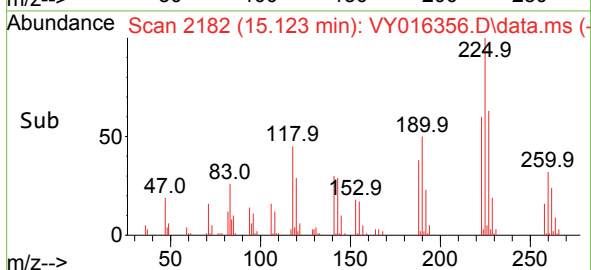
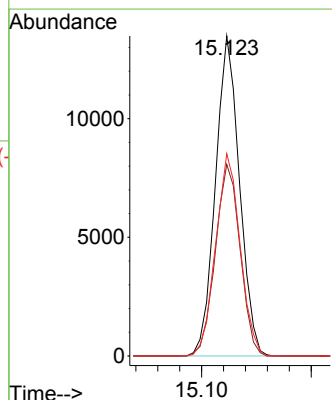
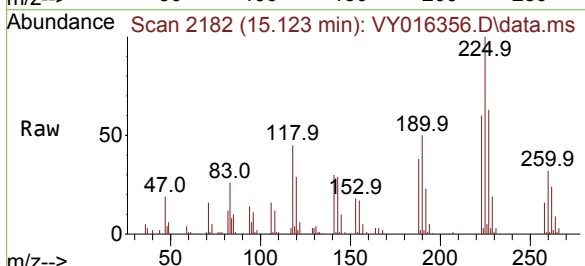
Tgt Ion:225 Resp: 20516

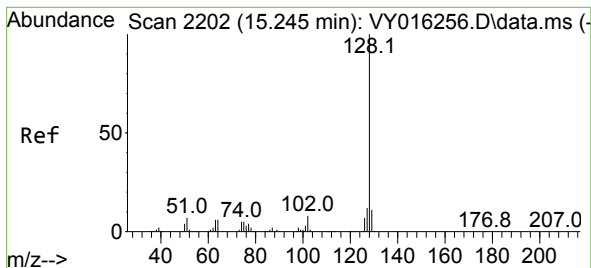
Ion Ratio Lower Upper

225 100

223 61.6 31.9 95.9

227 64.3 33.0 98.9





#95

Naphthalene

Concen: 16.681 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

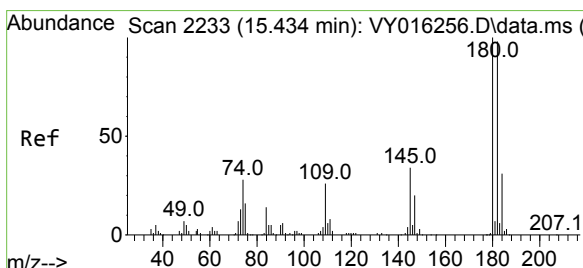
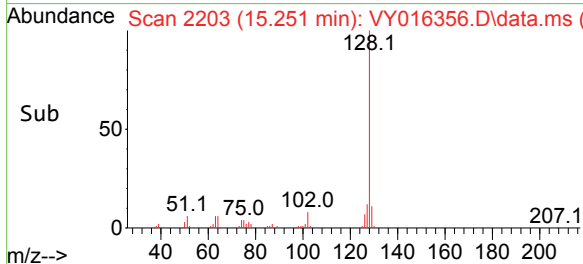
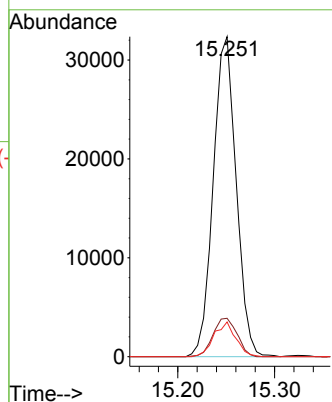
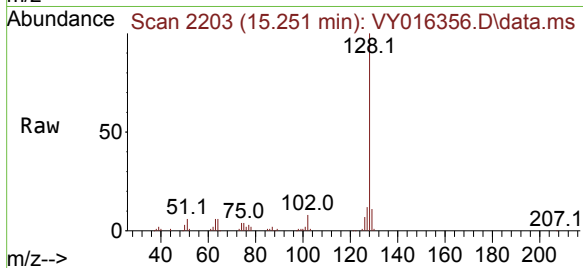
Tgt Ion:128 Resp: 53329

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 10.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.357 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016356.D

Acq: 15 Nov 2023 10:04

Tgt Ion:180 Resp: 25662

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.8

145 32.2 15.4 46.2

