

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016440.D
 Acq On : 21 Nov 2023 16:04
 Operator : SY/MD
 Sample : VY1121SBS04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 01:18:31 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	7.807	168	157816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	249760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	220301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	106173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	75548	52.377	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.760%	
35) Dibromofluoromethane	7.740	113	81516	57.454	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.900%	
50) Toluene-d8	10.197	98	305590	53.114	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.220%	
62) 4-Bromofluorobenzene	12.495	95	102675	54.946	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	36005	23.300	ug/l	100
3) Chloromethane	2.125	50	36743	20.303	ug/l	96
4) Vinyl Chloride	2.265	62	39846	20.475	ug/l	97
5) Bromomethane	2.662	94	25597	20.015	ug/l	95
6) Chloroethane	2.808	64	24850	20.012	ug/l	97
7) Trichlorofluoromethane	3.143	101	65483	23.128	ug/l	99
8) Diethyl Ether	3.546	74	19108	22.581	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.918	101	37841	22.191	ug/l	94
10) Methyl Iodide	4.113	142	44344	24.077	ug/l	97
11) Tert butyl alcohol	4.984	59	12911	114.308	ug/l #	88
12) 1,1-Dichloroethene	3.893	96	35571	22.305	ug/l	84
13) Acrolein	3.753	56	12619	92.625	ug/l	98
14) Allyl chloride	4.503	41	45338	20.033	ug/l #	90
15) Acrylonitrile	5.192	53	38169	113.662	ug/l	96
16) Acetone	3.966	43	38634	161.928	ug/l #	84
17) Carbon Disulfide	4.222	76	109232	22.701	ug/l	100
18) Methyl Acetate	4.503	43	27627	21.792	ug/l #	89
19) Methyl tert-butyl Ether	5.247	73	85744	22.214	ug/l	96
20) Methylene Chloride	4.747	84	59898	34.456	ug/l #	82
21) trans-1,2-Dichloroethene	5.247	96	40578	22.099	ug/l	95
22) Diisopropyl ether	6.143	45	99471	20.395	ug/l	88
23) Vinyl Acetate	6.082	43	245768	103.995	ug/l #	90
24) 1,1-Dichloroethane	6.045	63	64018	21.276	ug/l #	94
25) 2-Butanone	7.008	43	58780	140.657	ug/l #	89
26) 2,2-Dichloropropane	7.002	77	60452	22.075	ug/l	97
27) cis-1,2-Dichloroethene	7.015	96	43680	22.073	ug/l	89
28) Bromochloromethane	7.356	49	23352	20.970	ug/l #	78
29) Tetrahydrofuran	7.368	42	29630	107.271	ug/l #	82
30) Chloroform	7.527	83	68945	22.014	ug/l	99
31) Cyclohexane	7.807	56	58247	20.511	ug/l #	83
32) 1,1,1-Trichloroethane	7.722	97	63376	22.075	ug/l	96
36) 1,1-Dichloropropene	7.935	75	54590	22.159	ug/l	98
37) Ethyl Acetate	7.094	43	21416	21.515	ug/l #	95
38) Carbon Tetrachloride	7.923	117	59256	23.175	ug/l	99
39) Methylcyclohexane	9.203	83	67361	21.943	ug/l	91
40) Benzene	8.179	78	154547	22.328	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	11187	22.289	ug/l	89
42) 1,2-Dichloroethane	8.252	62	40455	22.558	ug/l	93
43) Isopropyl Acetate	8.289	43	40475	21.035	ug/l #	86
44) Trichloroethene	8.959	130	46247	23.248	ug/l	98
45) 1,2-Dichloropropane	9.234	63	36389	21.891	ug/l	96
46) Dibromomethane	9.319	93	20705	22.985	ug/l	99
47) Bromodichloromethane	9.514	83	52176	22.530	ug/l	98
48) Methyl methacrylate	9.307	41	23004	21.632	ug/l #	80
49) 1,4-Dioxane	9.313	88	4296	449.219	ug/l #	43
51) 4-Methyl-2-Pentanone	10.081	43	105433	108.360	ug/l	89
52) Toluene	10.258	92	99675	22.781	ug/l	93
53) t-1,3-Dichloropropene	10.477	75	50683	22.576	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	59670	22.253	ug/l #	88
55) 1,1,2-Trichloroethane	10.660	97	28780	23.180	ug/l	98
56) Ethyl methacrylate	10.526	69	26423	22.545	ug/l #	80
57) 1,3-Dichloropropane	10.800	76	48063	22.710	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.801	63	83116	104.588	ug/l	90
59) 2-Hexanone	10.843	43	89180	123.223	ug/l	83
60) Dibromochloromethane	10.996	129	36903	23.766	ug/l	100
61) 1,2-Dibromoethane	11.099	107	27779	23.485	ug/l	99
64) Tetrachloroethene	10.733	164	46706	23.612	ug/l	96
65) Chlorobenzene	11.526	112	104714	22.247	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	39068	22.504	ug/l	98
67) Ethyl Benzene	11.605	91	187633	22.182	ug/l	99
68) m/p-Xylenes	11.715	106	144198	44.944	ug/l	94
69) o-Xylene	12.044	106	66523	22.332	ug/l	96
70) Styrene	12.056	104	96595	22.646	ug/l	97
71) Bromoform	12.221	173	21676	24.063	ug/l #	98
73) Isopropylbenzene	12.343	105	182443	21.220	ug/l	99
74) N-amyl acetate	12.154	43	34357	19.894	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.593	83	29456	21.351	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	39854	39.130	ug/l #	100
77) Bromobenzene	12.623	156	42582	21.914	ug/l	93
78) n-propylbenzene	12.684	91	213691	21.031	ug/l	98
79) 2-Chlorotoluene	12.770	91	117465	20.978	ug/l	97
80) 1,3,5-Trimethylbenzene	12.824	105	149055	21.503	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	10399	22.162	ug/l	89
82) 4-Chlorotoluene	12.867	91	123540	21.351	ug/l	98
83) tert-Butylbenzene	13.087	119	131558	21.547	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	147632	21.630	ug/l	98
85) sec-Butylbenzene	13.263	105	185903	21.312	ug/l	100
86) p-Isopropyltoluene	13.379	119	164503	21.902	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	82993	22.200	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	82154	22.486	ug/l	99
89) n-Butylbenzene	13.708	91	149122	21.498	ug/l	96
90) Hexachloroethane	13.971	117	30969	21.374	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	70878	22.125	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4692	21.376	ug/l	85
93) 1,2,4-Trichlorobenzene	15.019	180	42806	22.892	ug/l	99
94) Hexachlorobutadiene	15.123	225	25275	23.594	ug/l	98
95) Naphthalene	15.245	128	76940	23.006	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	35062	22.670	ug/l	98

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QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

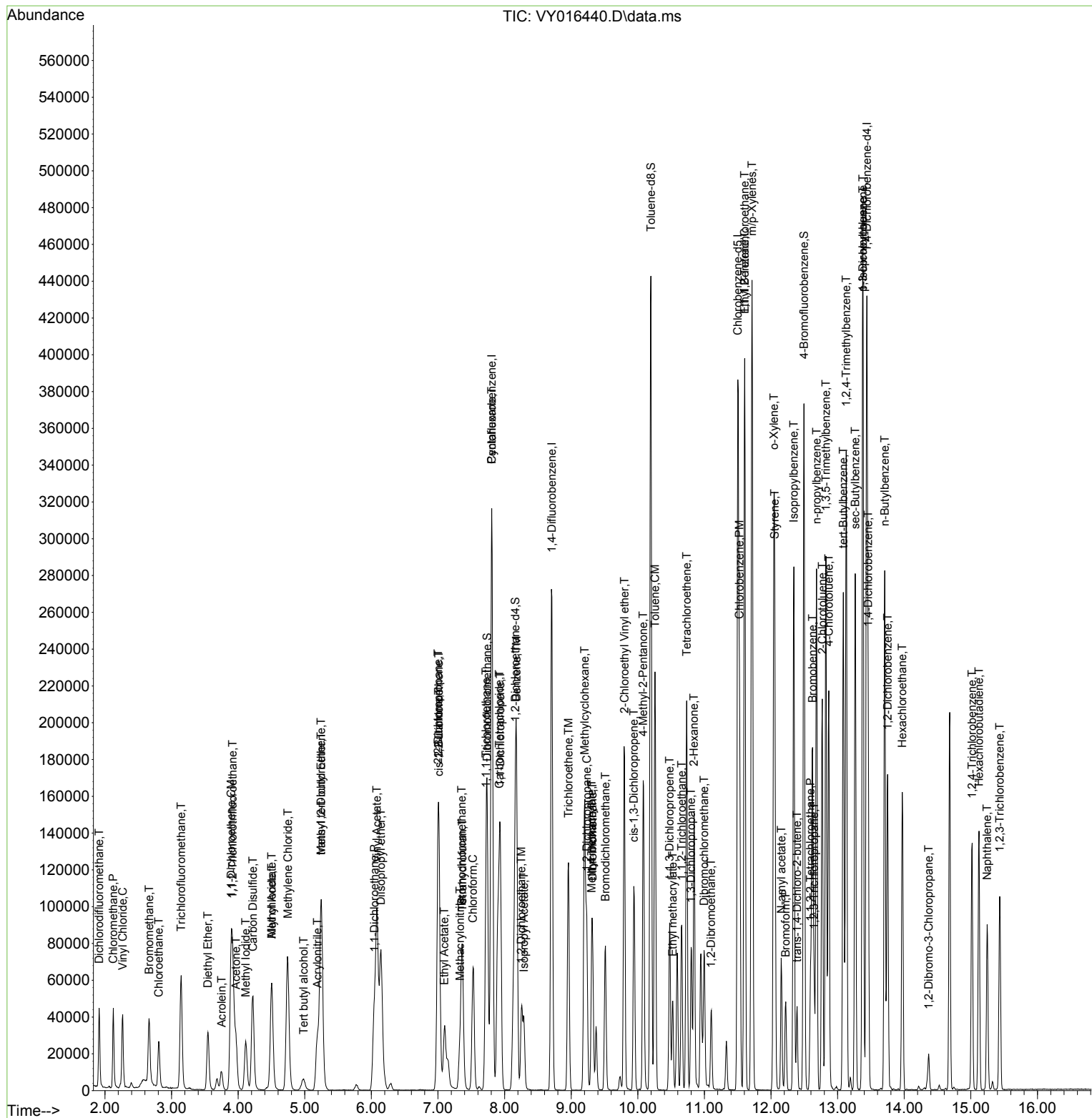
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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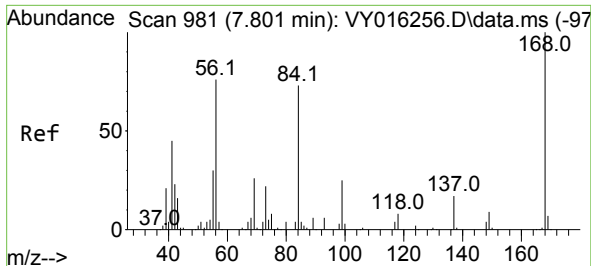
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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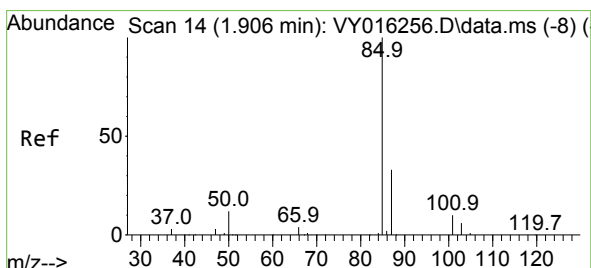
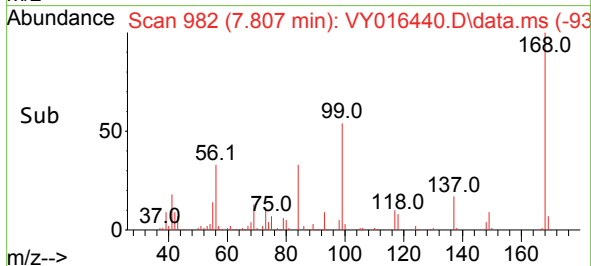
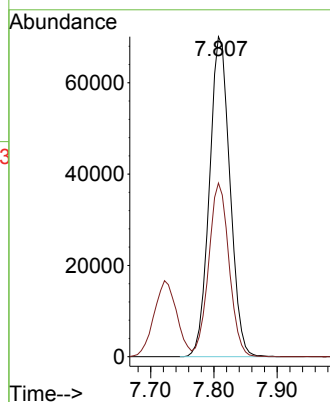
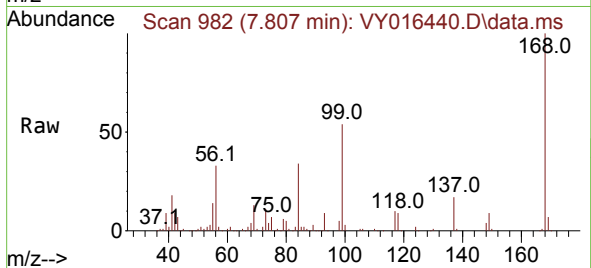




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016440.D
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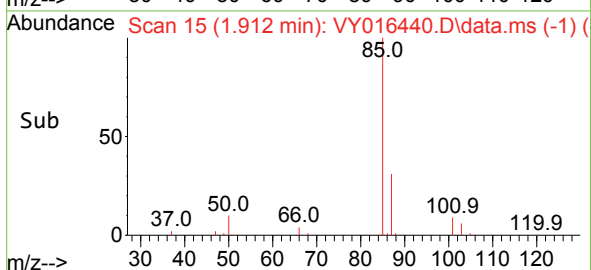
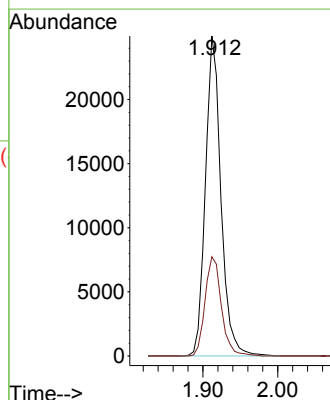
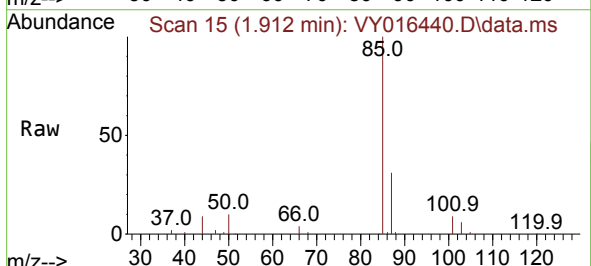
Instrument :
MSVOA_Y
ClientSampleId :

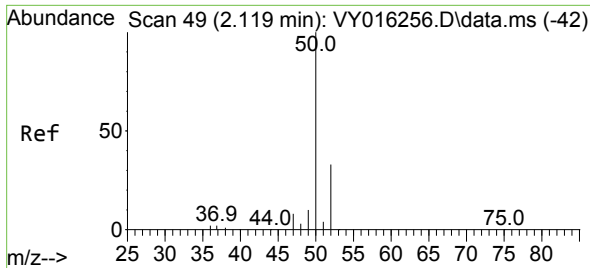
Tgt Ion:168 Resp: 157816
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 23.300 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Tgt Ion: 85 Resp: 36005
Ion Ratio Lower Upper
85 100
87 31.0 15.6 46.8

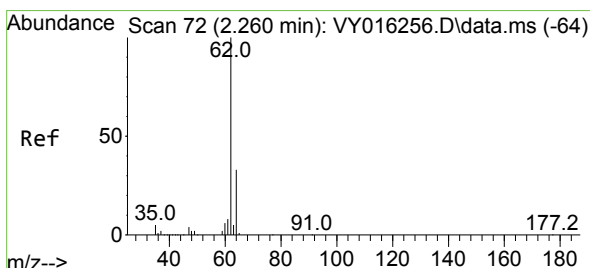
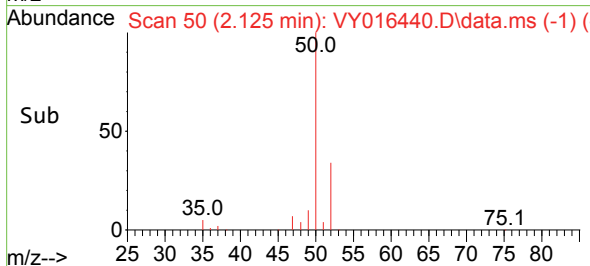
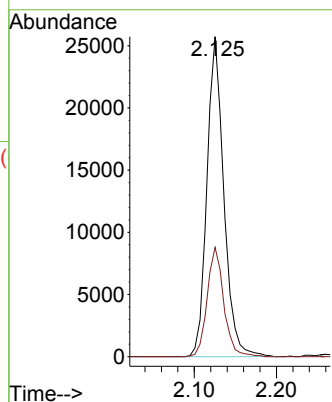
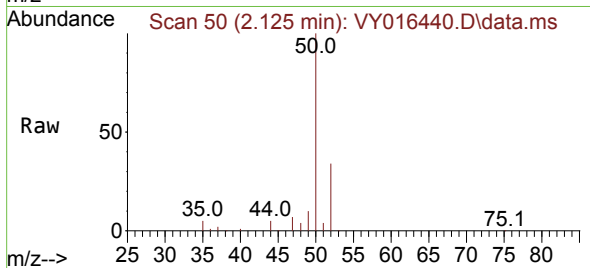




#3
Chloromethane
Concen: 20.303 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

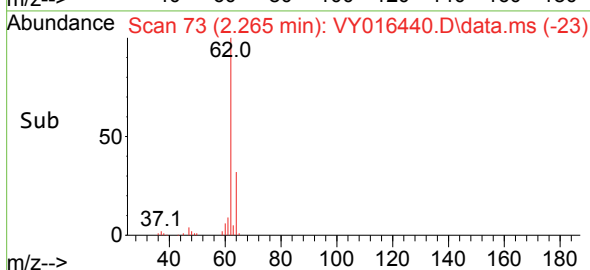
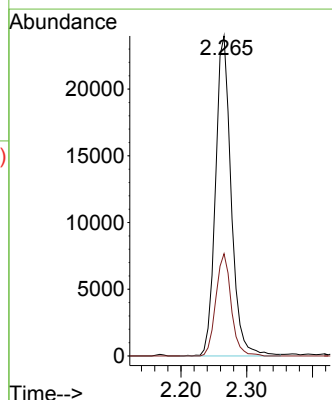
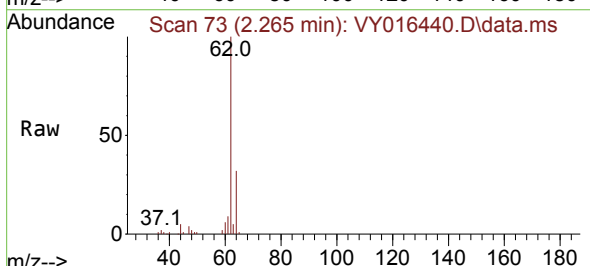
Instrument :
MSVOA_Y
ClientSampleId :

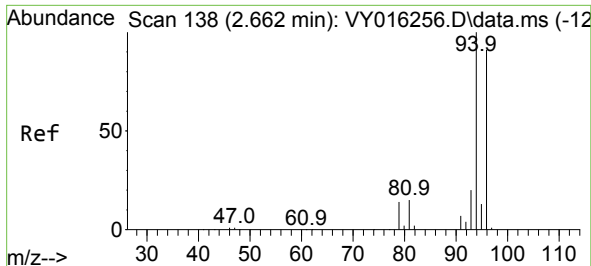
Tgt Ion: 50 Resp: 36743
Ion Ratio Lower Upper
50 100
52 34.1 25.4 38.2



#4
Vinyl Chloride
Concen: 20.475 ug/l
RT: 2.265 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Tgt Ion: 62 Resp: 39846
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5

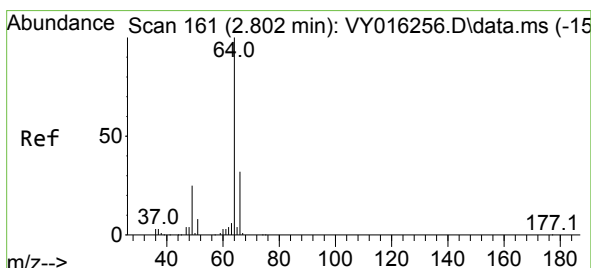
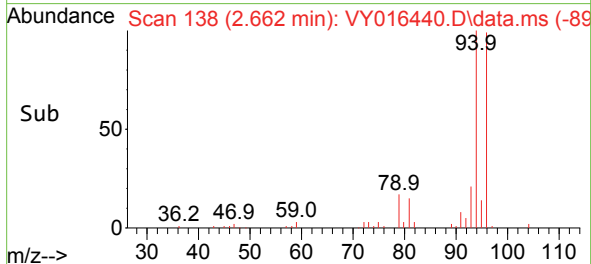
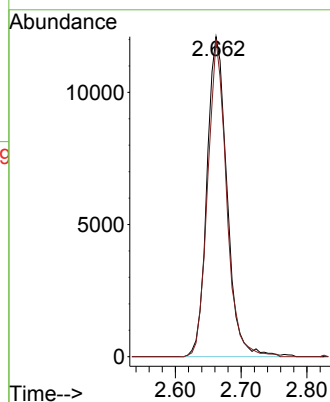
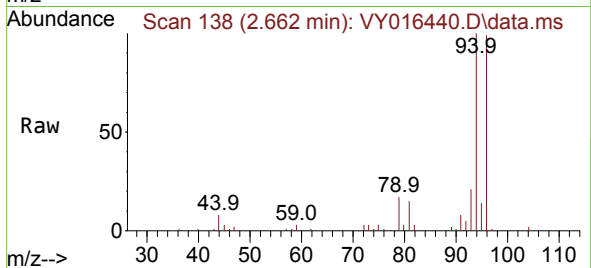




#5
Bromomethane
Concen: 20.015 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

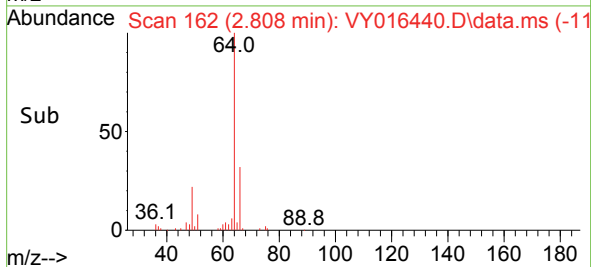
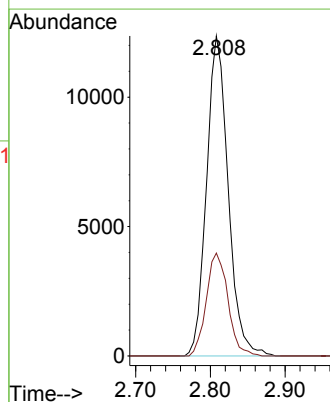
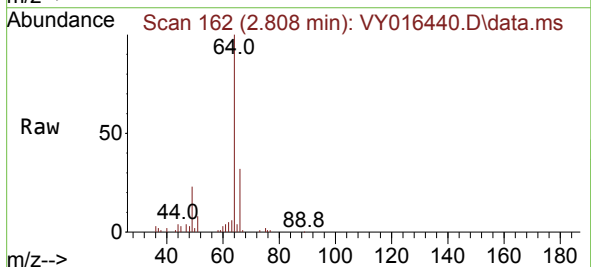
Instrument :
MSVOA_Y
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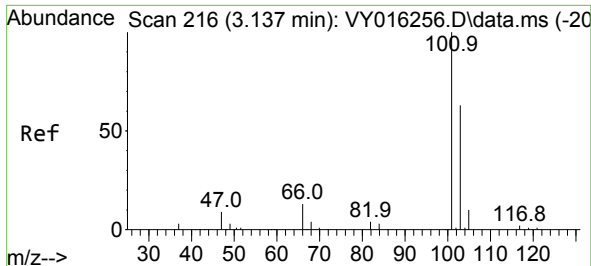
Tgt Ion: 94 Resp: 25597
Ion Ratio Lower Upper
94 100
96 99.1 75.8 113.6



#6
Chloroethane
Concen: 20.012 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

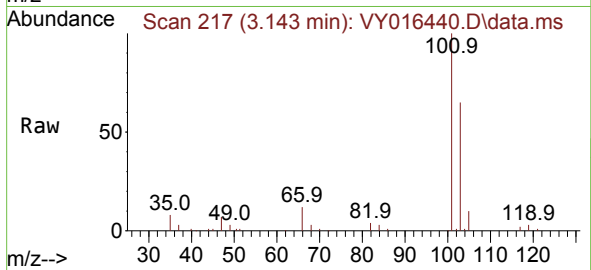
Tgt Ion: 64 Resp: 24850
Ion Ratio Lower Upper
64 100
66 32.2 24.4 36.6



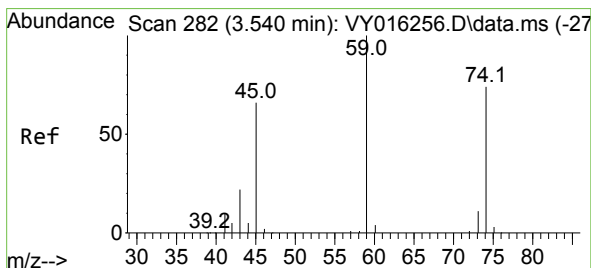
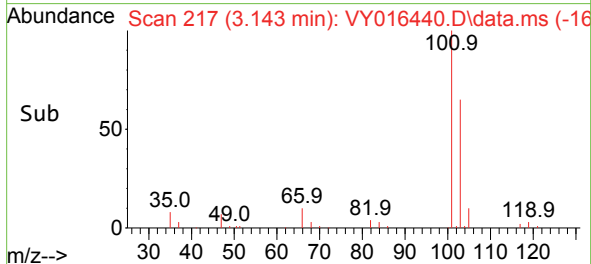
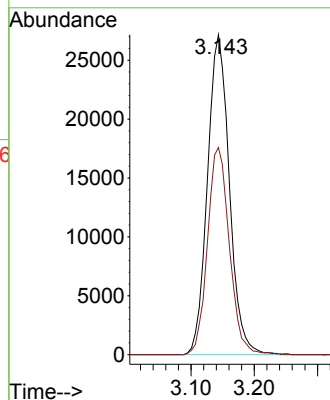


#7
Trichlorofluoromethane
Concen: 23.128 ug/l
RT: 3.143 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Instrument :
MSVOA_Y
ClientSampleId :

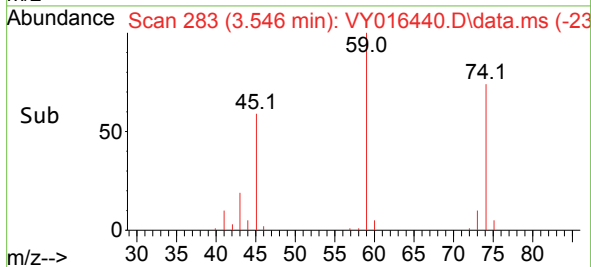
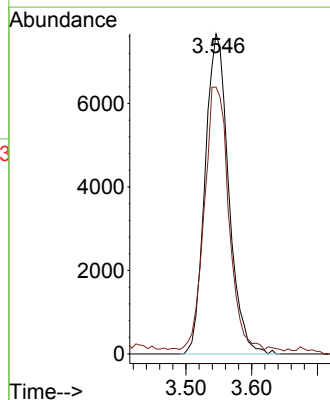
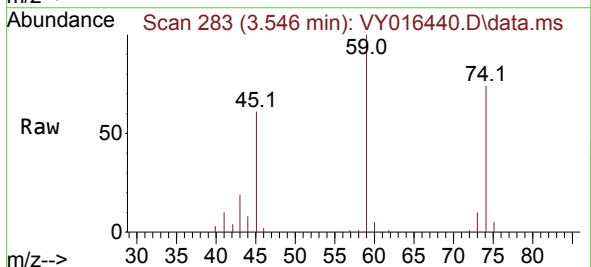


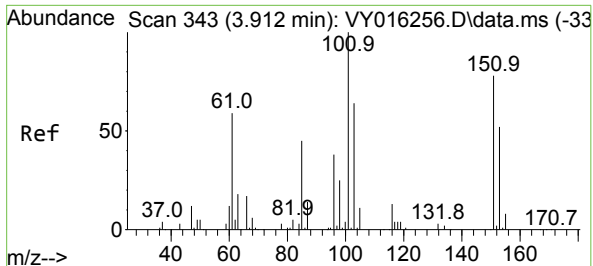
Tgt Ion:101 Resp: 65483
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.0



#8
Diethyl Ether
Concen: 22.581 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Tgt Ion: 74 Resp: 19108
Ion Ratio Lower Upper
74 100
45 87.2 51.5 154.5

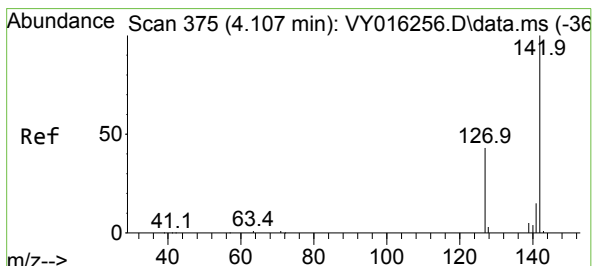
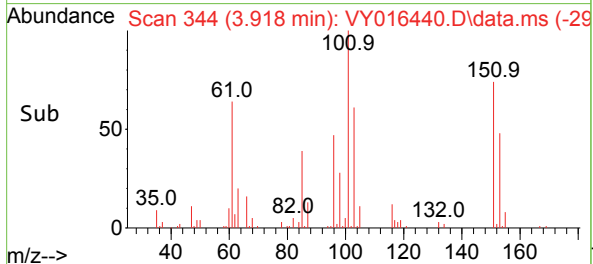
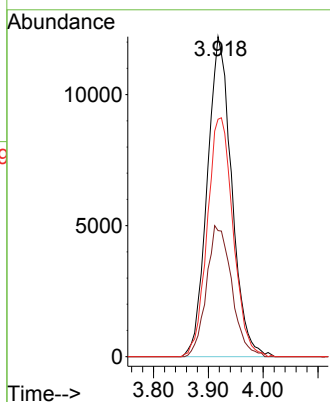
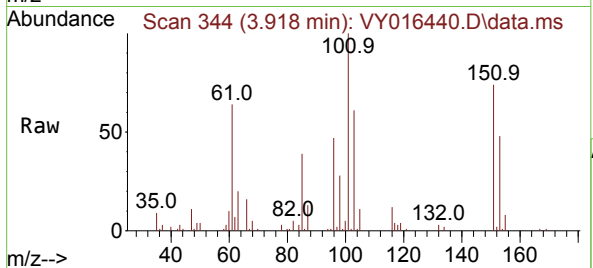




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.191 ug/l
RT: 3.918 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

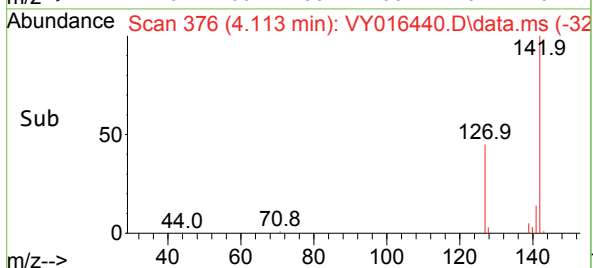
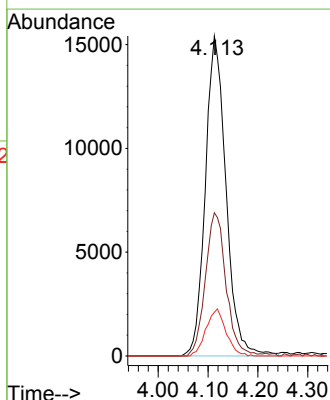
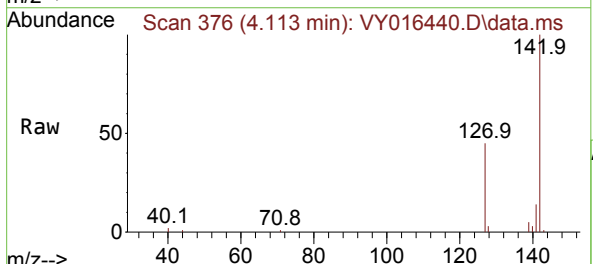
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 37841
Ion Ratio Lower Upper
101 100
85 42.1 36.6 55.0
151 78.8 67.0 100.6



#10
Methyl Iodide
Concen: 24.077 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Tgt Ion:142 Resp: 44344
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 14.2 11.8 17.8

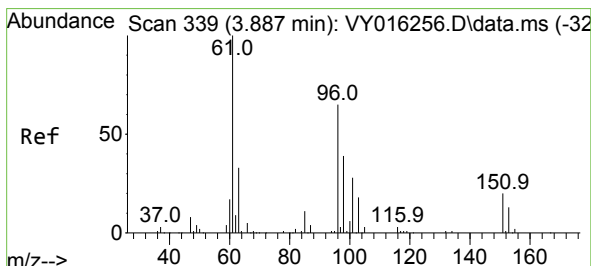
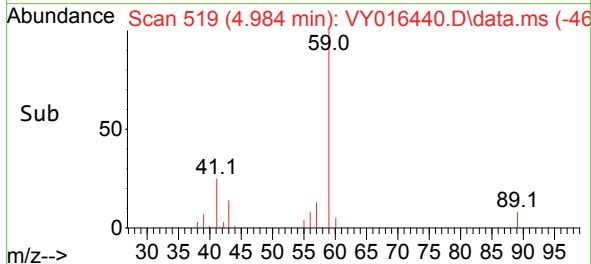
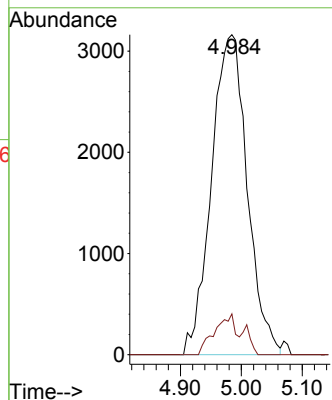
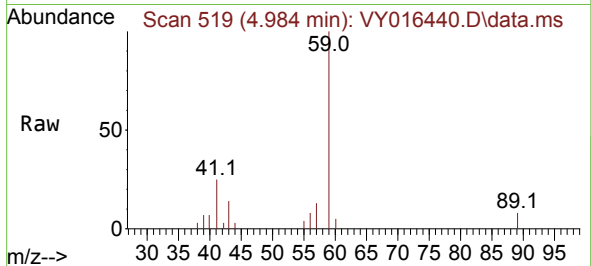




#11
Tert butyl alcohol
Concen: 114.308 ug/l
RT: 4.984 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

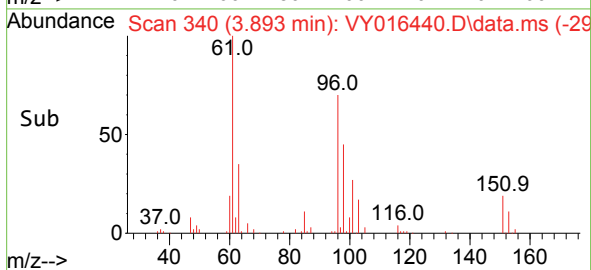
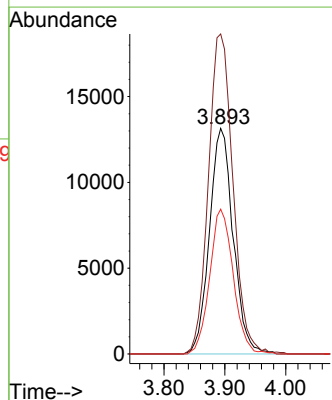
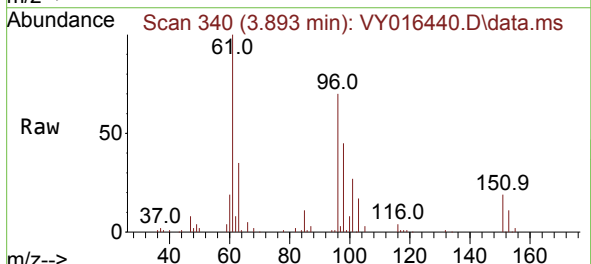
Instrument :
MSVOA_Y
ClientSampleId :

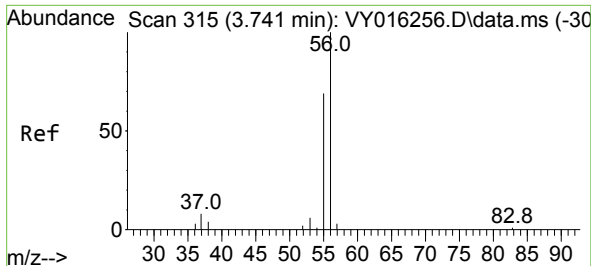
Tgt Ion: 59 Resp: 12911
Ion Ratio Lower Upper
59 100
57 7.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 22.305 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Tgt Ion: 96 Resp: 35571
Ion Ratio Lower Upper
96 100
61 141.9 136.4 204.6
98 64.2 49.4 74.2





#13

Acrolein

Concen: 92.625 ug/l

RT: 3.753 min Scan# 315

Delta R.T. 0.012 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Instrument :

MSVOA_Y

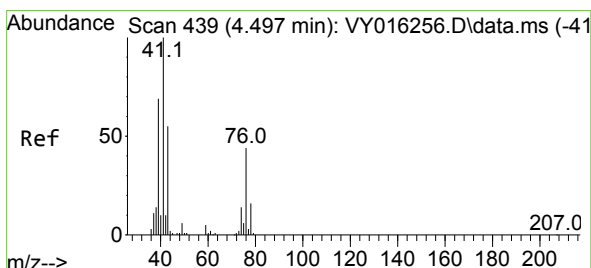
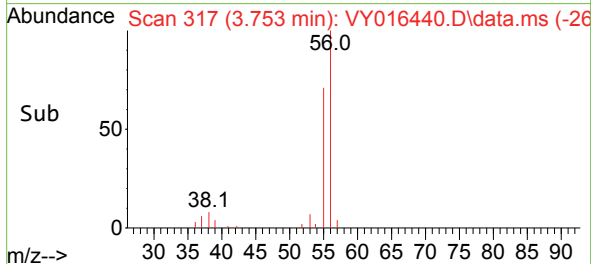
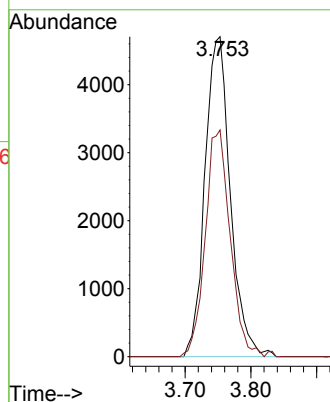
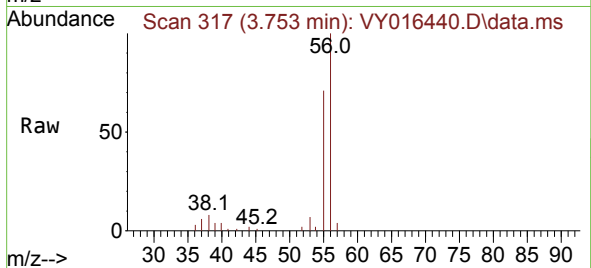
ClientSampleId :

Tgt Ion: 56 Resp: 12619

Ion Ratio Lower Upper

56 100

55 69.6 57.0 85.4



#14

Allyl chloride

Concen: 20.033 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

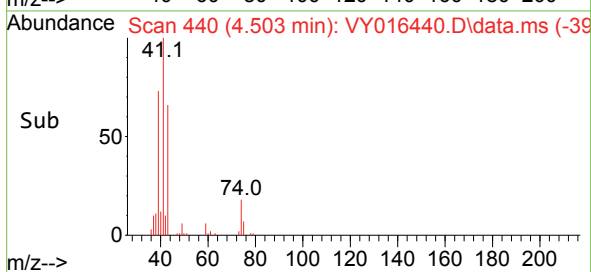
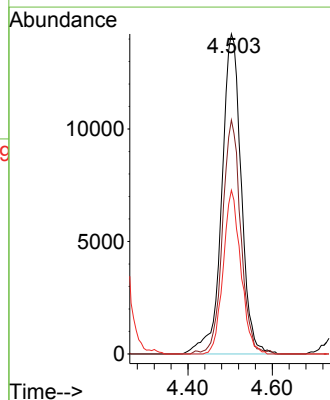
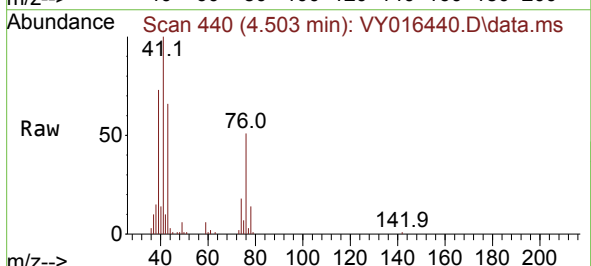
Tgt Ion: 41 Resp: 45338

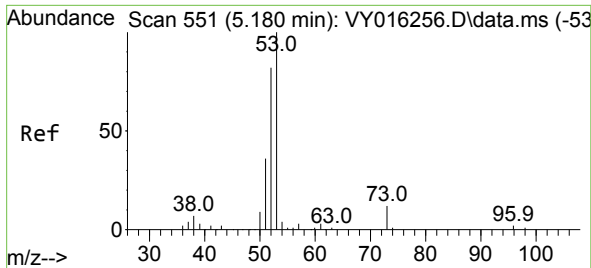
Ion Ratio Lower Upper

41 100

39 68.5 58.0 87.0

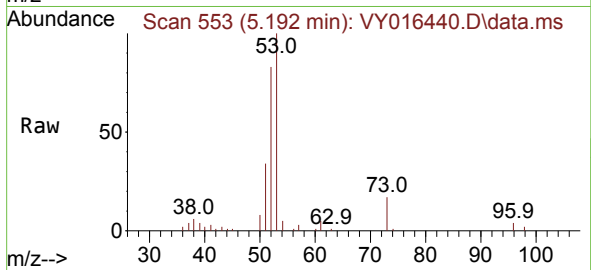
76 46.4 27.4 41.2#



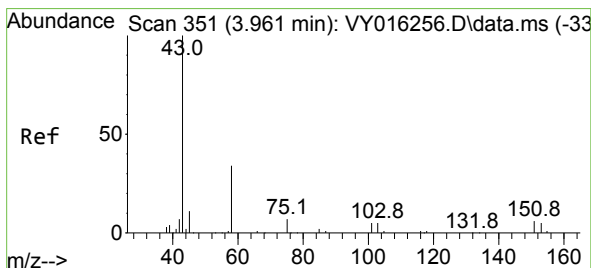
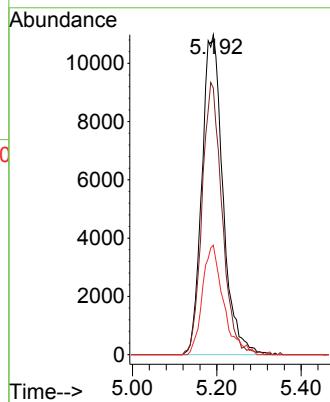
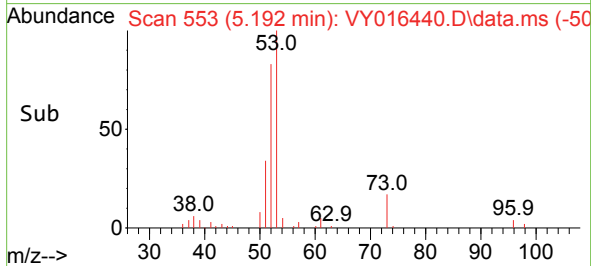


#15
Acrylonitrile
Concen: 113.662 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Instrument :
MSVOA_Y
ClientSampleId :

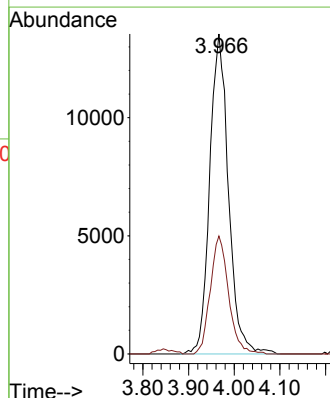
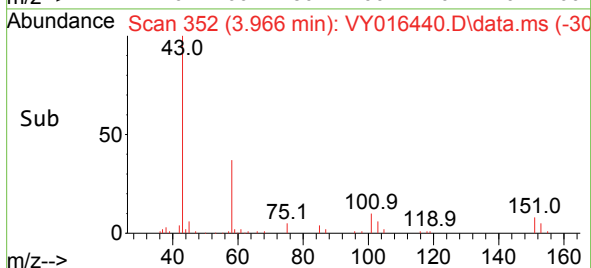
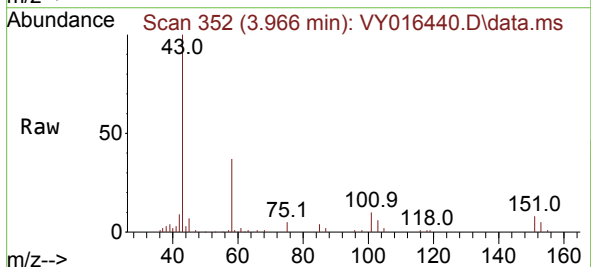


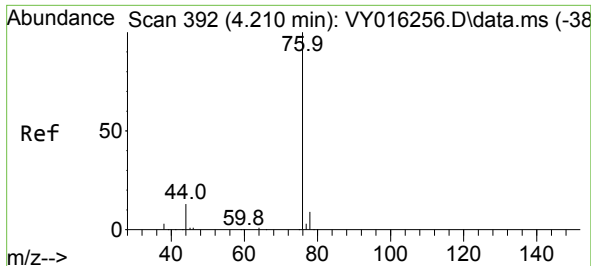
Tgt Ion: 53 Resp: 38169
Ion Ratio Lower Upper
53 100
52 80.8 66.9 100.3
51 34.2 29.8 44.6



#16
Acetone
Concen: 161.928 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Tgt Ion: 43 Resp: 38634
Ion Ratio Lower Upper
43 100
58 36.8 22.7 34.1#

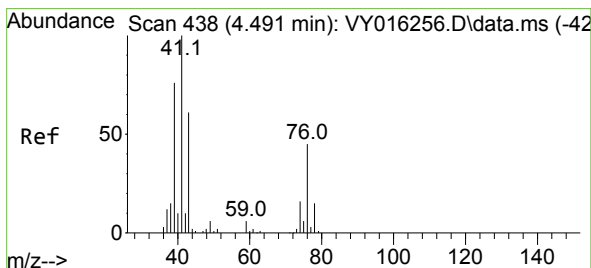
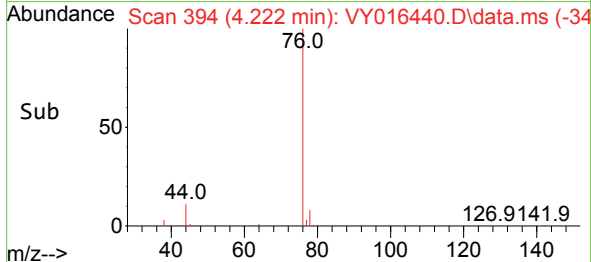
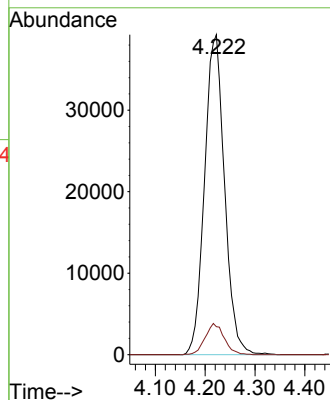
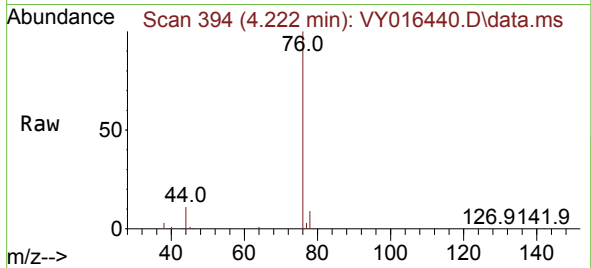




#17
Carbon Disulfide
Concen: 22.701 ug/l
RT: 4.222 min Scan# 394
Delta R.T. 0.012 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

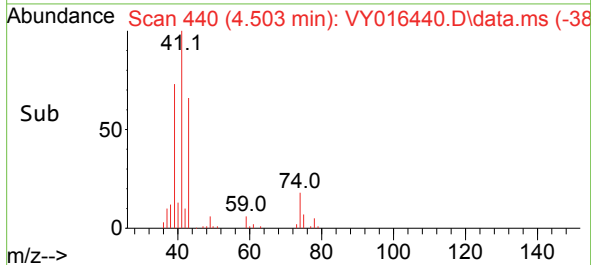
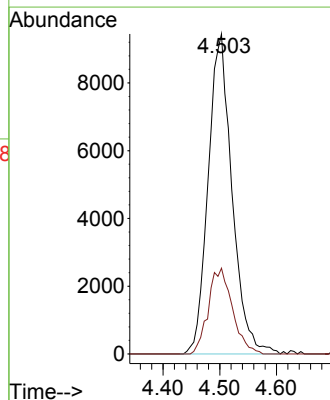
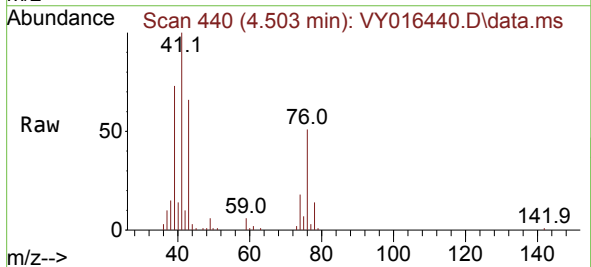
Instrument :
MSVOA_Y
ClientSampleId :

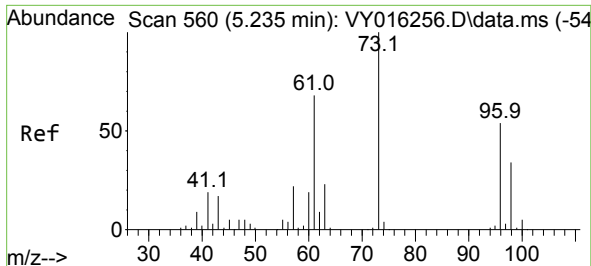
Tgt Ion: 76 Resp: 109232
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 21.792 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Tgt Ion: 43 Resp: 27627
Ion Ratio Lower Upper
43 100
74 27.1 17.4 26.0#

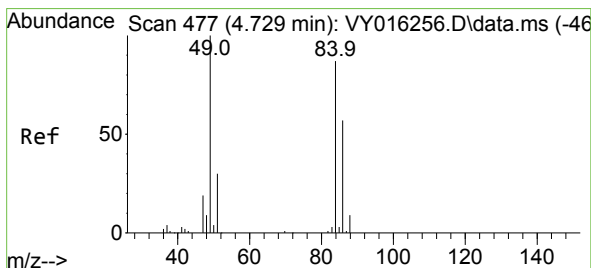
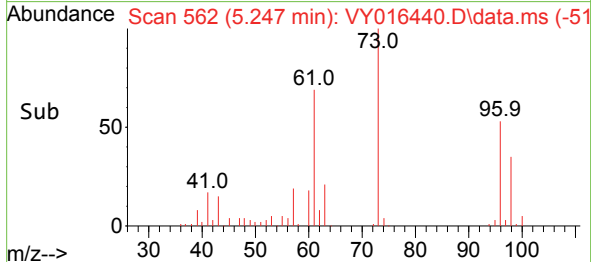
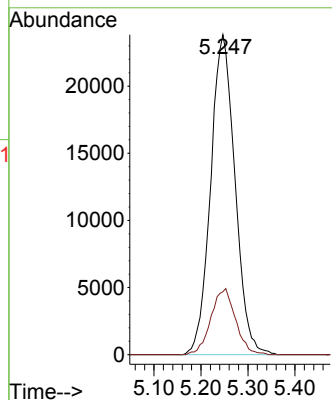
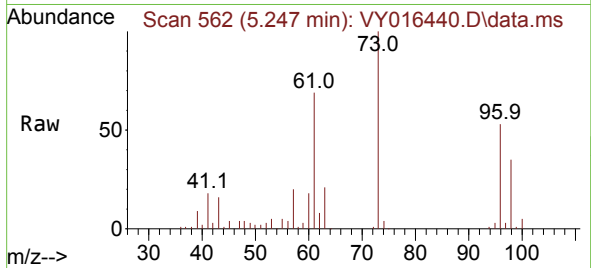




#19
Methyl tert-butyl Ether
Concen: 22.214 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

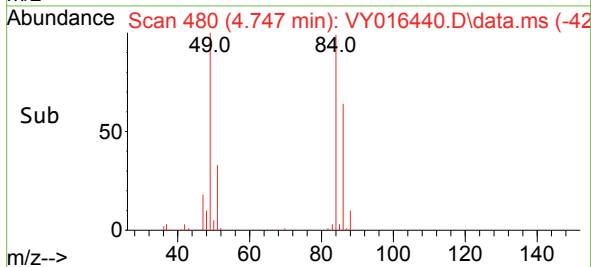
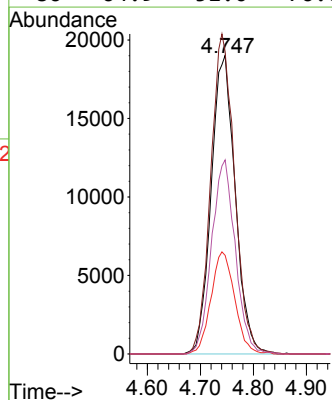
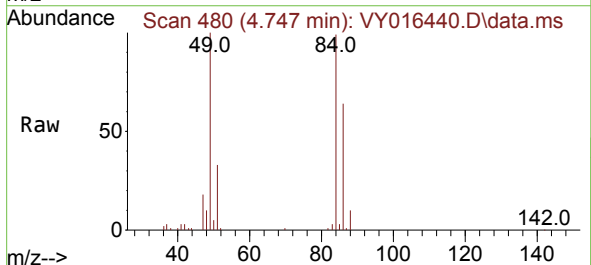
Instrument :
MSVOA_Y
ClientSampleId :

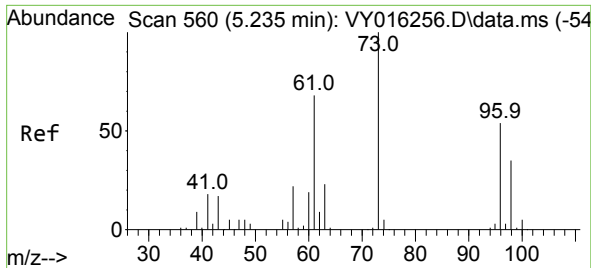
Tgt Ion: 73 Resp: 85744
Ion Ratio Lower Upper
73 100
57 19.7 17.3 25.9



#20
Methylene Chloride
Concen: 34.456 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.018 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

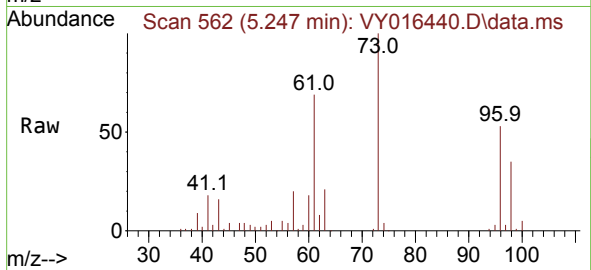
Tgt Ion: 84 Resp: 59898
Ion Ratio Lower Upper
84 100
49 101.1 106.9 160.3#
51 33.0 33.2 49.8#
86 64.9 51.0 76.6



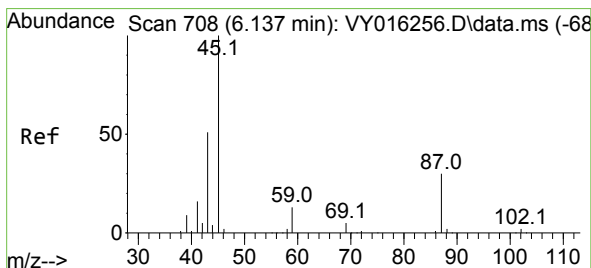
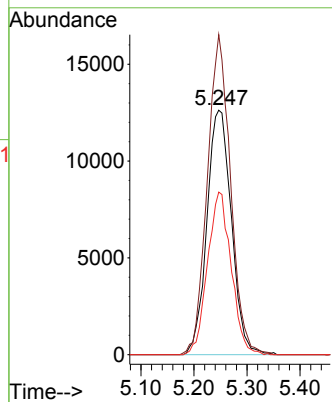
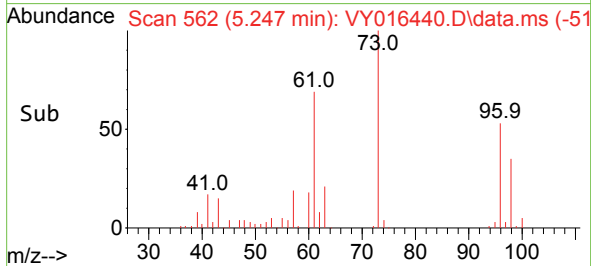


#21
trans-1,2-Dichloroethene
Concen: 22.099 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

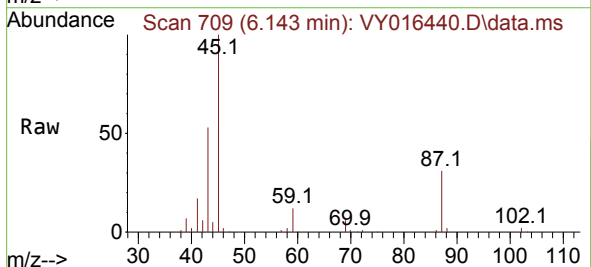
Instrument :
MSVOA_Y
ClientSampleId :



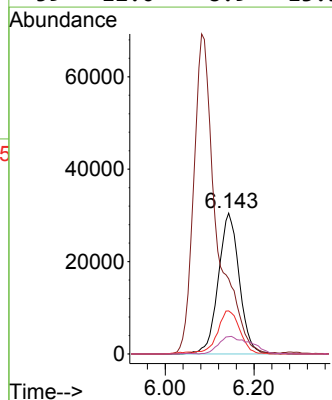
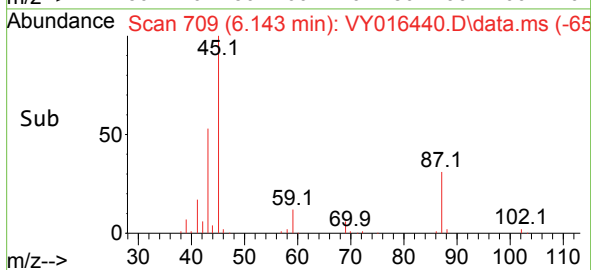
Tgt Ion: 96 Resp: 40578
Ion Ratio Lower Upper
96 100
61 130.9 110.2 165.4
98 66.5 51.8 77.6

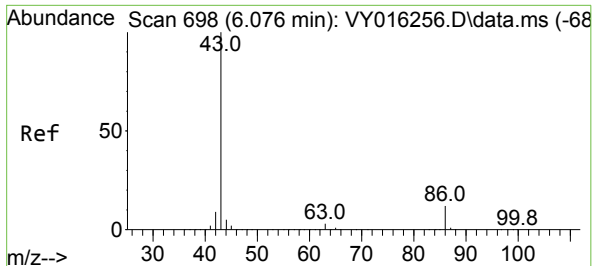


#22
Diisopropyl ether
Concen: 20.395 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04



Tgt Ion: 45 Resp: 99471
Ion Ratio Lower Upper
45 100
43 52.8 52.2 78.4
87 30.6 21.0 31.6
59 12.0 8.9 13.3

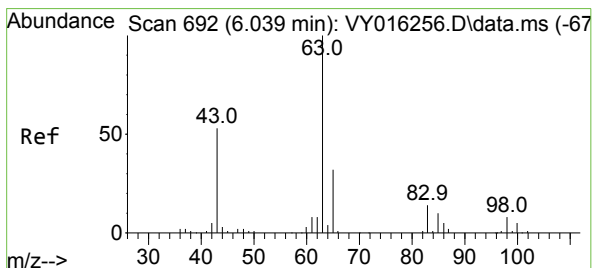
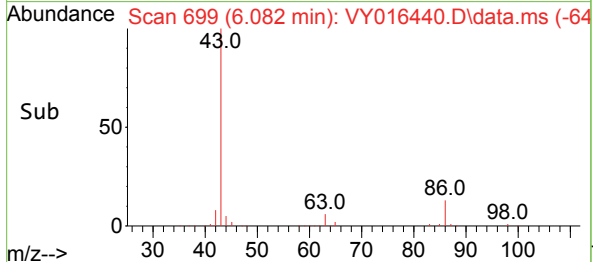
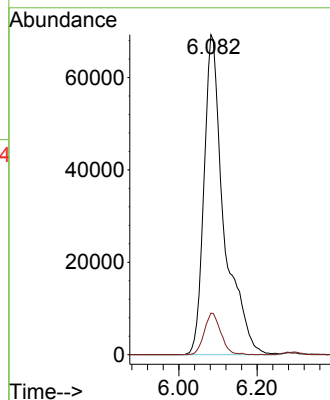
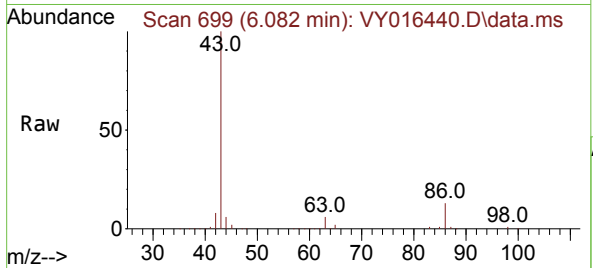




#23
 Vinyl Acetate
 Concen: 103.995 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016440.D
 Acq: 21 Nov 2023 16:04

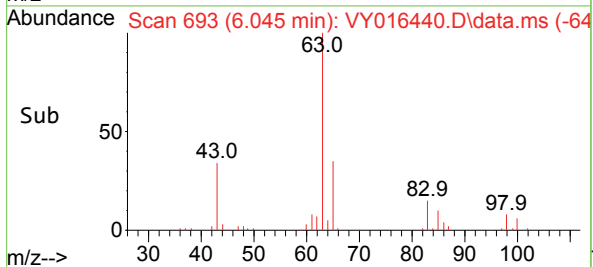
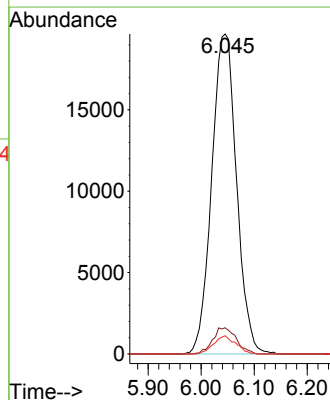
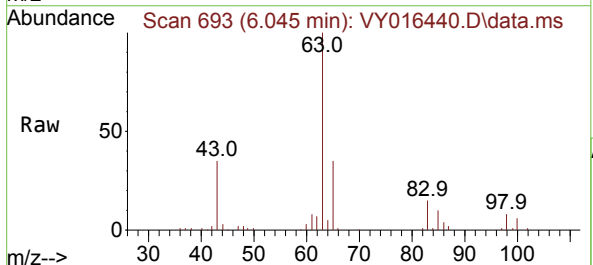
Instrument :
 MSVOA_Y
 ClientSampleId :

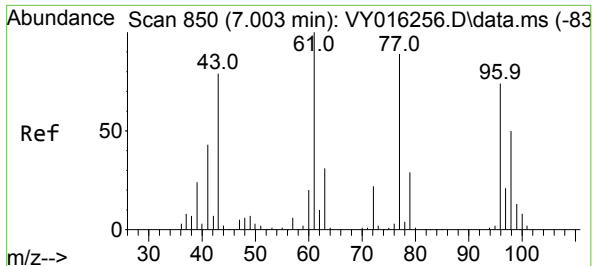
Tgt Ion: 43 Resp: 245768
 Ion Ratio Lower Upper
 43 100
 86 13.0 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 21.276 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY016440.D
 Acq: 21 Nov 2023 16:04

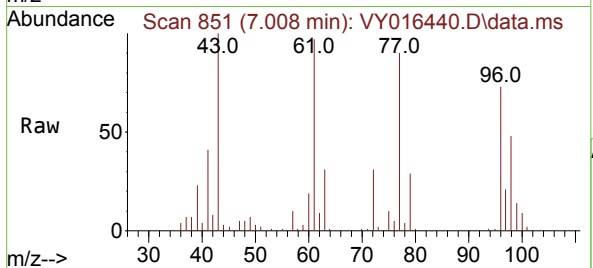
Tgt Ion: 63 Resp: 64018
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.1 9.4
 100 5.7 1.8 5.5#



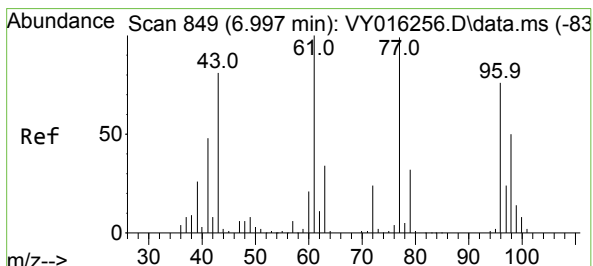
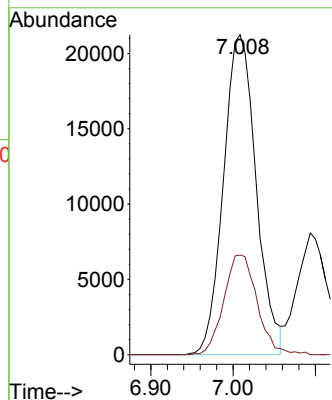
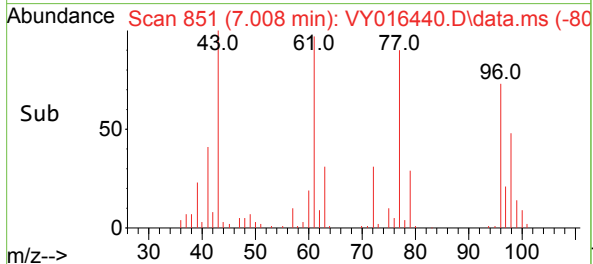


#25
2-Butanone
Concen: 140.657 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Instrument :
MSVOA_Y
ClientSampleId :

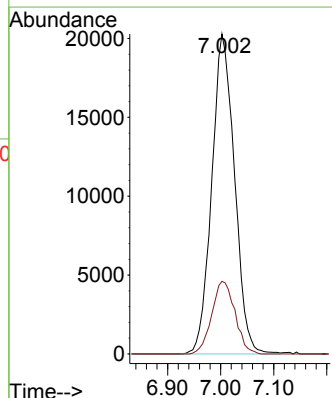
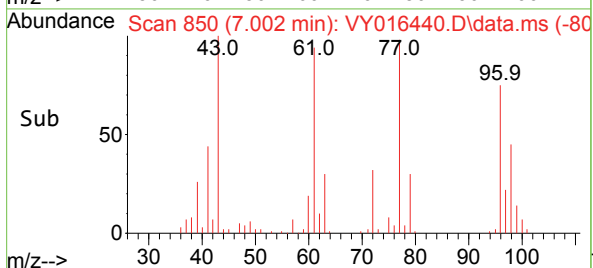
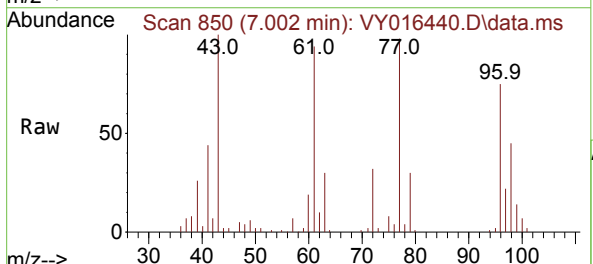


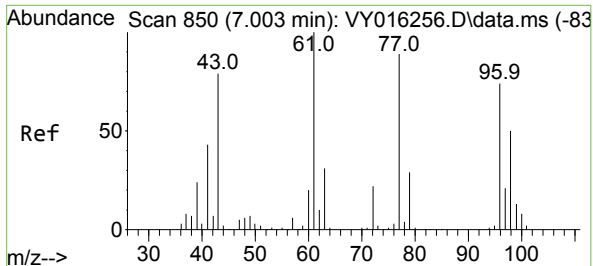
Tgt Ion: 43 Resp: 58780
Ion Ratio Lower Upper
43 100
72 31.2 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 22.075 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Tgt Ion: 77 Resp: 60452
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 22.073 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

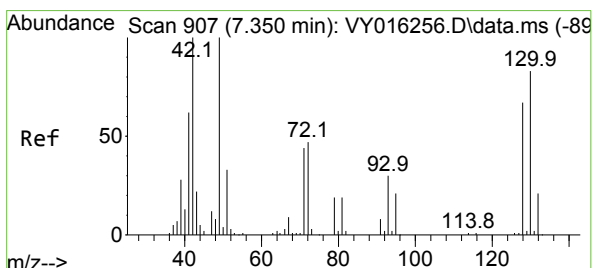
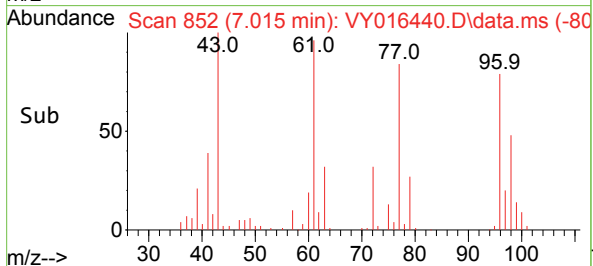
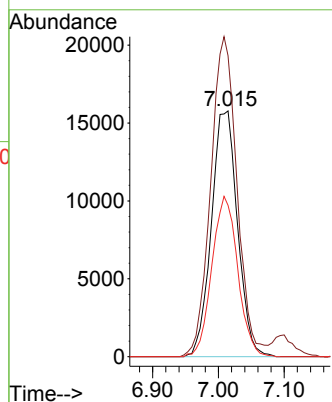
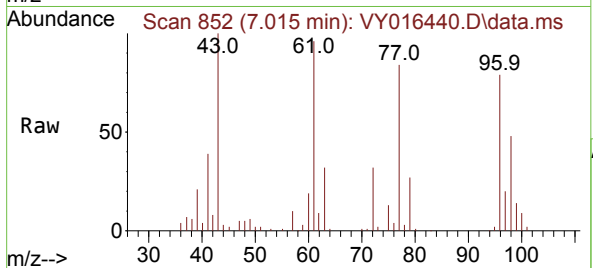
Tgt Ion: 96 Resp: 43680

Ion Ratio Lower Upper

96 100

61 131.5 0.0 301.4

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 20.970 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

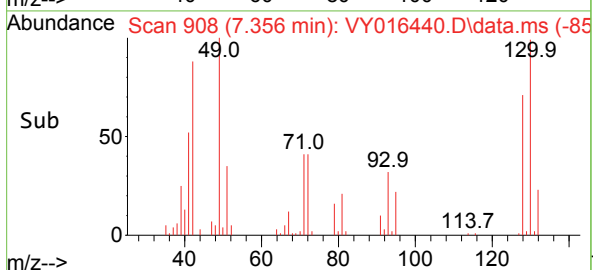
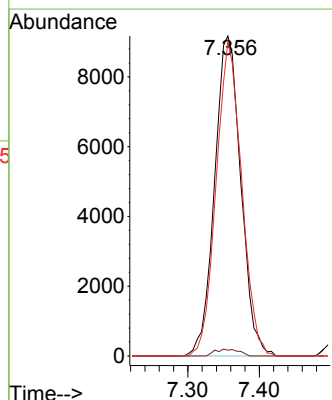
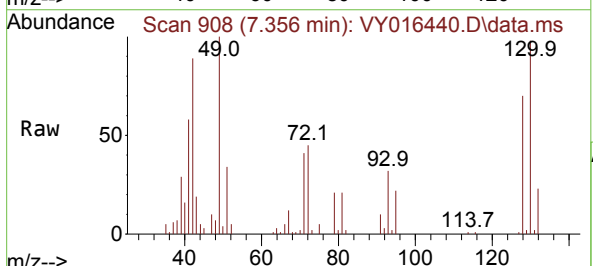
Tgt Ion: 49 Resp: 23352

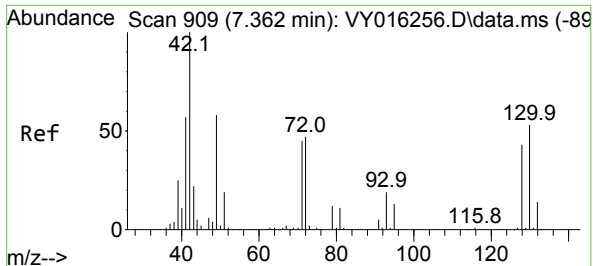
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 95.5 60.7 91.1#





#29

Tetrahydrofuran

Concen: 107.271 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

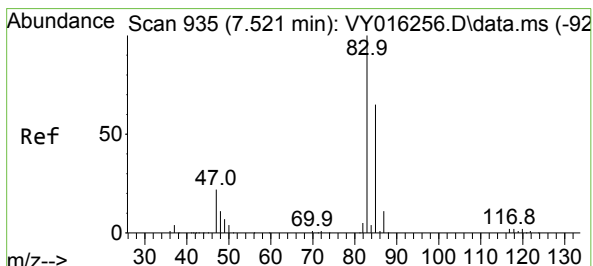
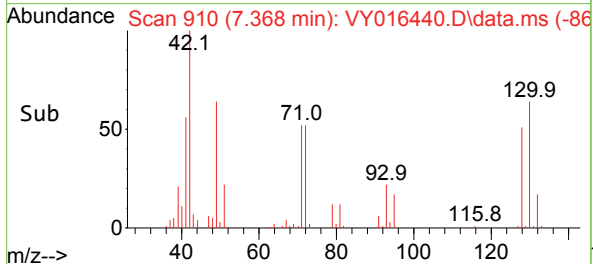
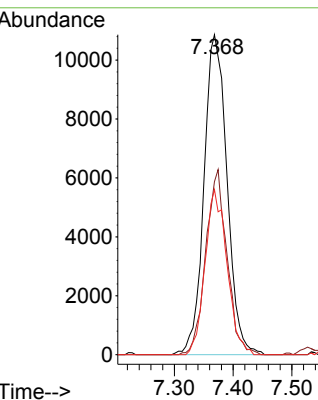
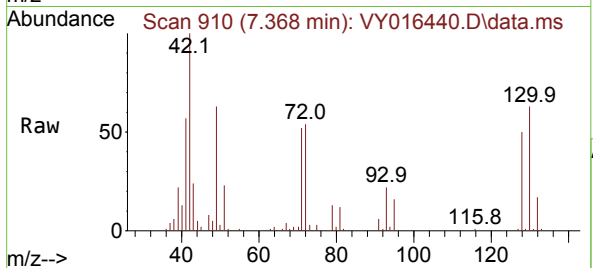
Tgt Ion: 42 Resp: 29630

Ion Ratio Lower Upper

42 100

72 53.3 32.8 49.2#

71 49.1 31.0 46.4#



#30

Chloroform

Concen: 22.014 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016440.D

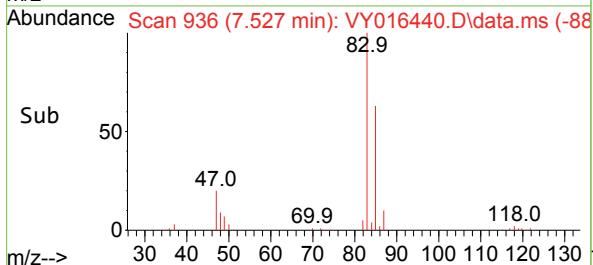
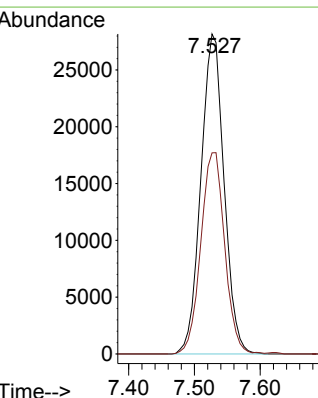
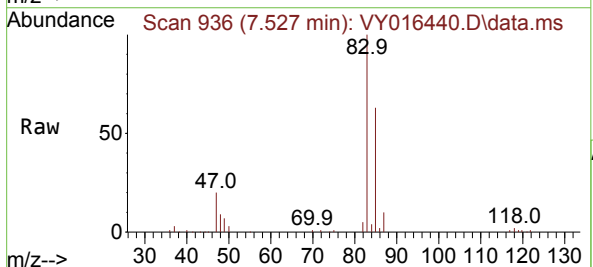
Acq: 21 Nov 2023 16:04

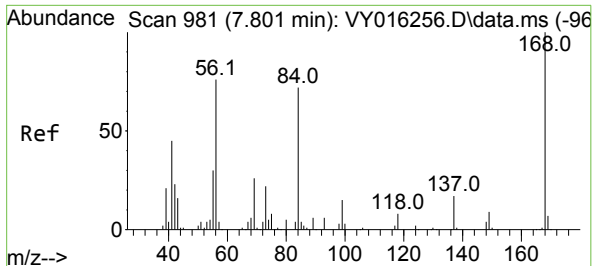
Tgt Ion: 83 Resp: 68945

Ion Ratio Lower Upper

83 100

85 62.8 49.7 74.5

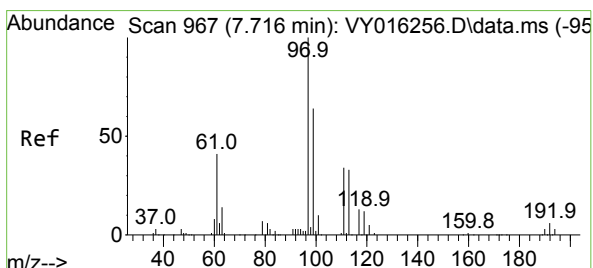
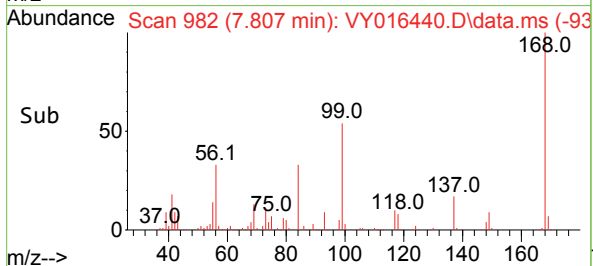
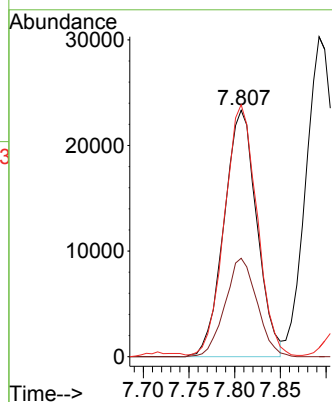
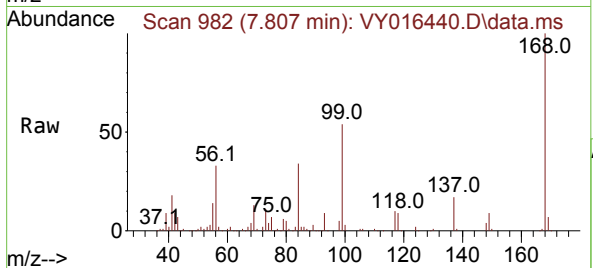




#31
Cyclohexane
Concen: 20.511 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

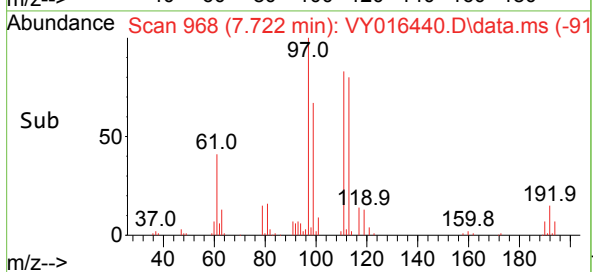
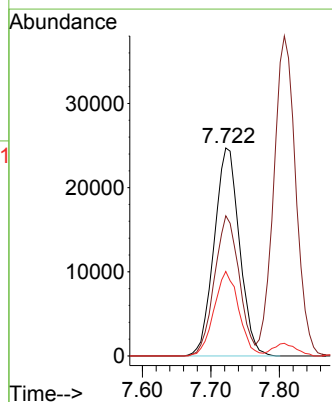
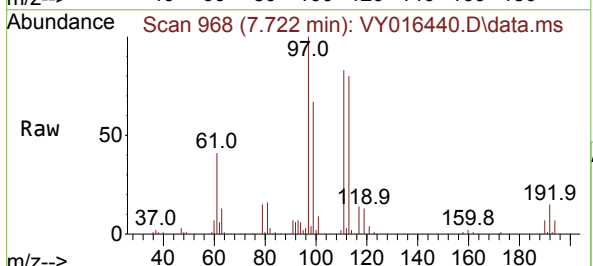
Instrument :
MSVOA_Y
ClientSampleId :

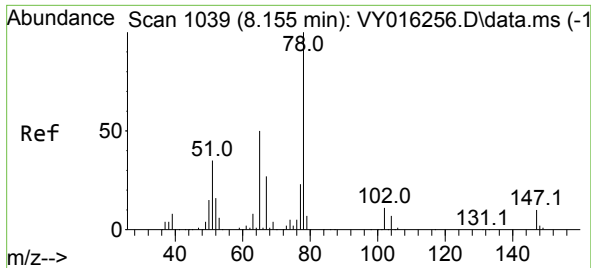
Tgt Ion: 56 Resp: 58247
Ion Ratio Lower Upper
56 100
69 40.0 27.8 41.6
84 100.9 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 22.075 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Tgt Ion: 97 Resp: 63376
Ion Ratio Lower Upper
97 100
99 65.9 50.8 76.2
61 39.8 35.1 52.7

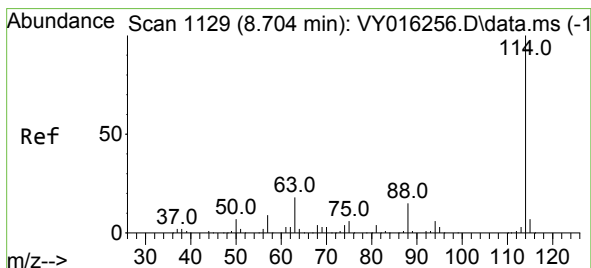
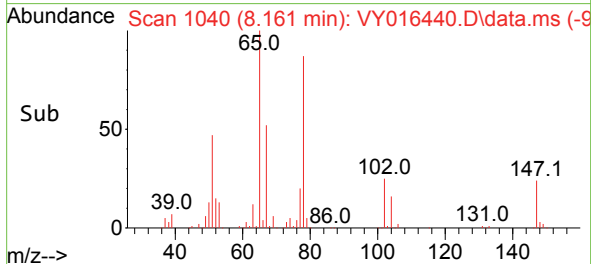
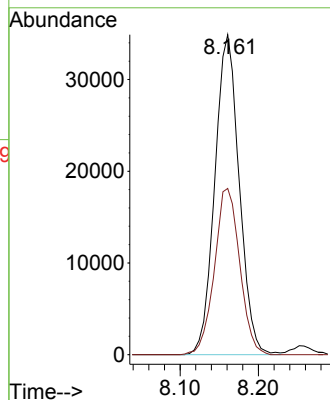
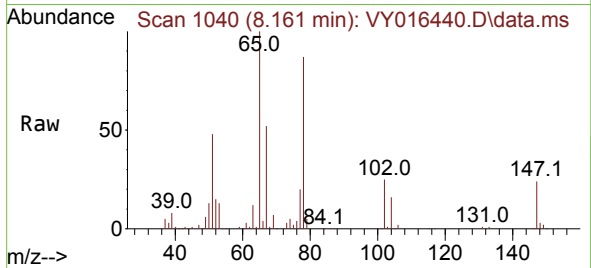




#33
 1,2-Dichloroethane-d4
 Concen: 52.377 ug/l
 RT: 8.161 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VY016440.D
 Acq: 21 Nov 2023 16:04

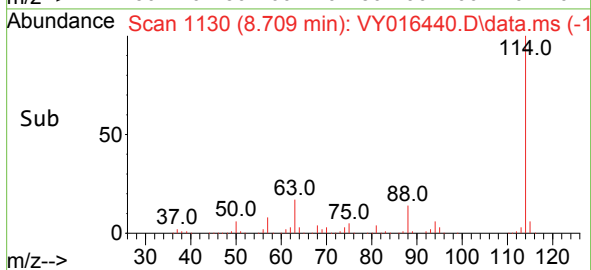
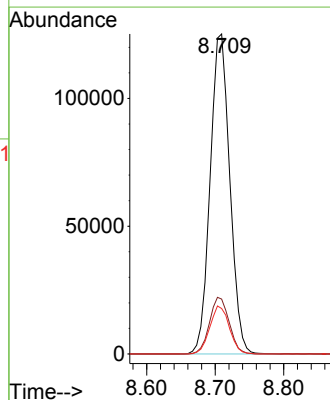
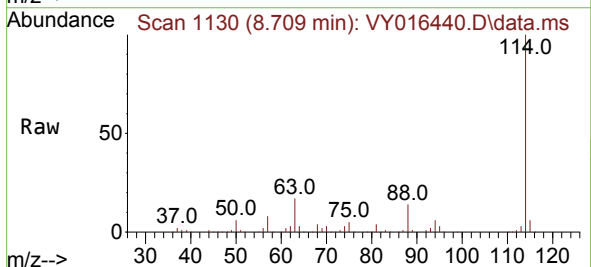
Instrument :
 MSVOA_Y
 ClientSampleId :

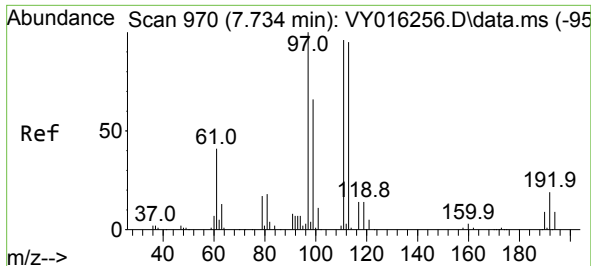
Tgt Ion: 65 Resp: 75548
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.709 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VY016440.D
 Acq: 21 Nov 2023 16:04

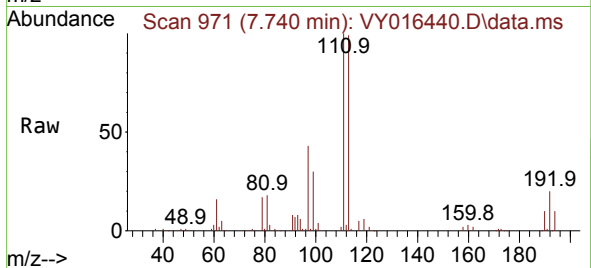
Tgt Ion: 114 Resp: 249760
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 42.4
 88 14.2 0.0 30.6



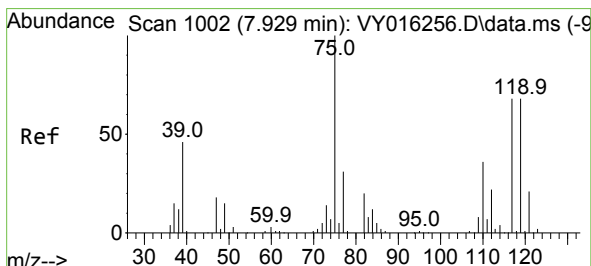
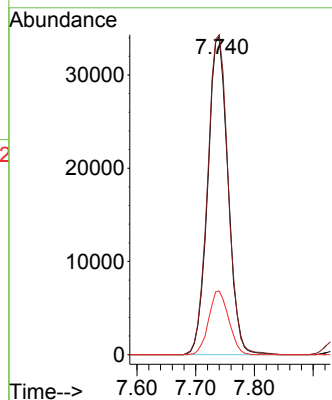
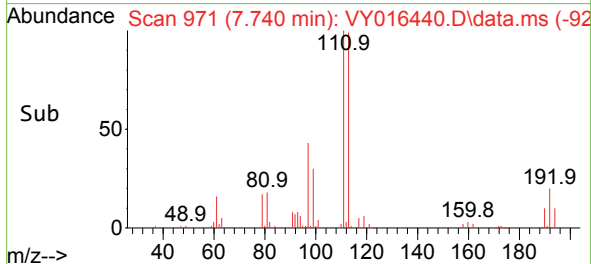


#35
Dibromofluoromethane
Concen: 57.454 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

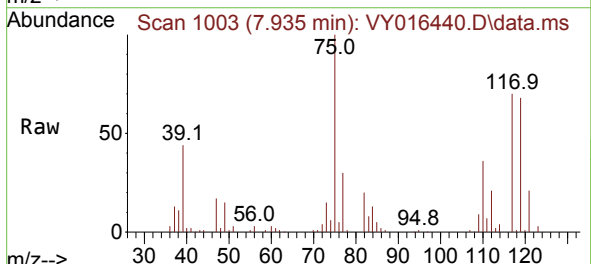
Instrument :
MSVOA_Y
ClientSampleId :



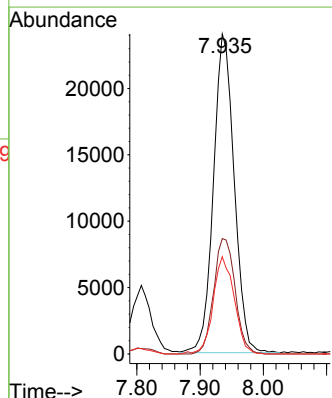
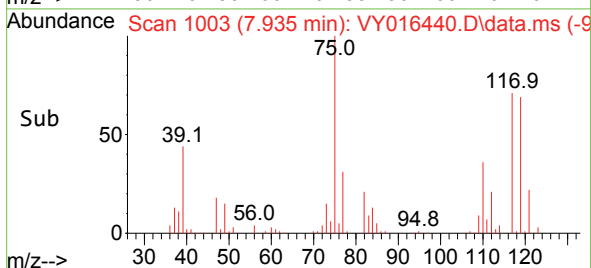
Tgt Ion:113 Resp: 81516
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.8 16.9 25.3

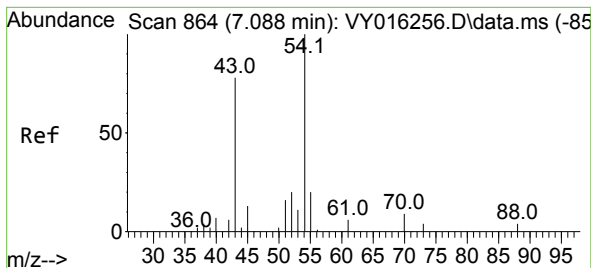


#36
1,1-Dichloropropene
Concen: 22.159 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04



Tgt Ion: 75 Resp: 54590
Ion Ratio Lower Upper
75 100
110 37.4 17.8 53.5
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 21.515 ug/l

RT: 7.094 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY016440.D

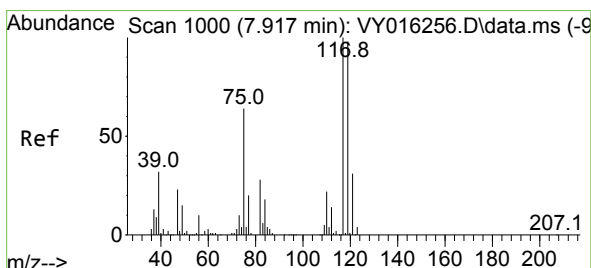
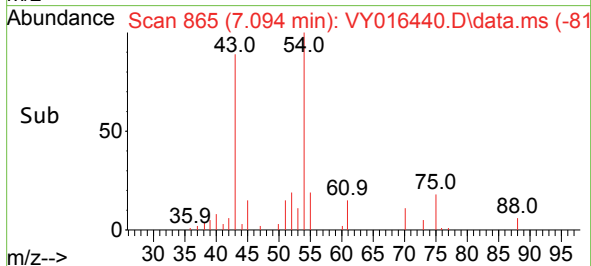
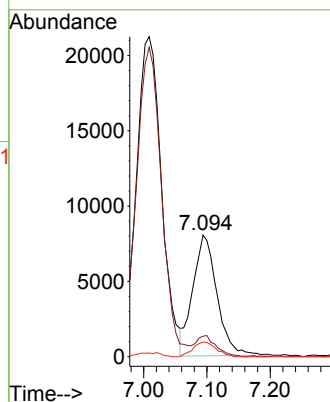
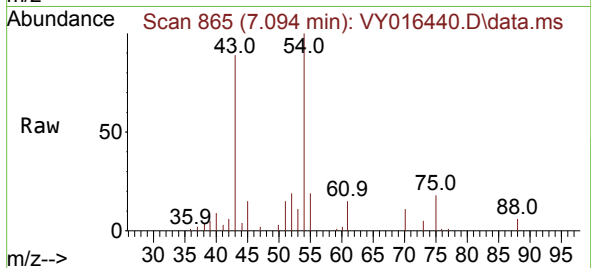
Acq: 21 Nov 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 21416
Ion Ratio	Lower Upper
43	100
61	14.1 10.1 15.1
70	11.5 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 23.175 ug/l

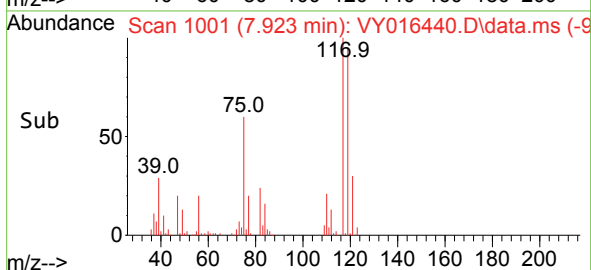
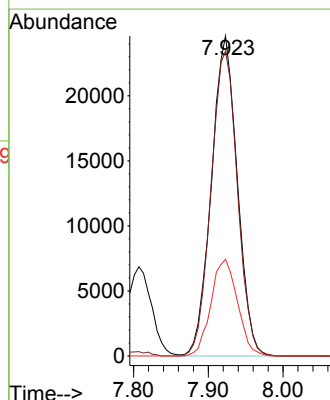
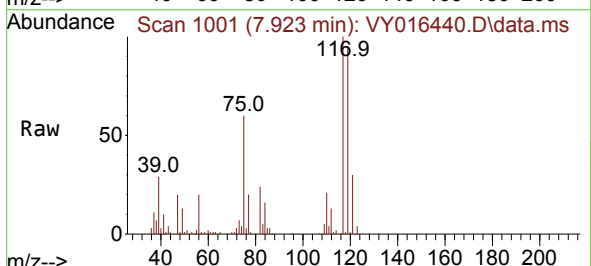
RT: 7.923 min Scan# 1001

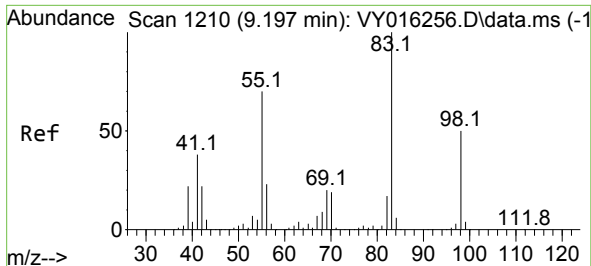
Delta R.T. 0.006 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Tgt Ion: 117	Resp: 59256
Ion Ratio	Lower Upper
117	100
119	95.3 76.4 114.6
121	30.2 25.8 38.6





#39

Methylcyclohexane

Concen: 21.943 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

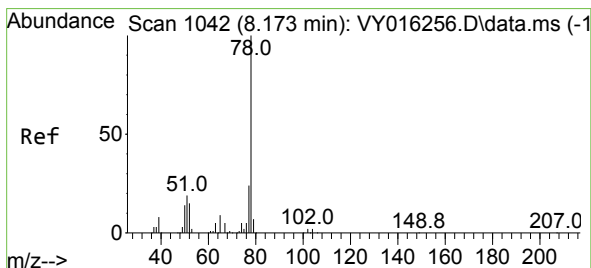
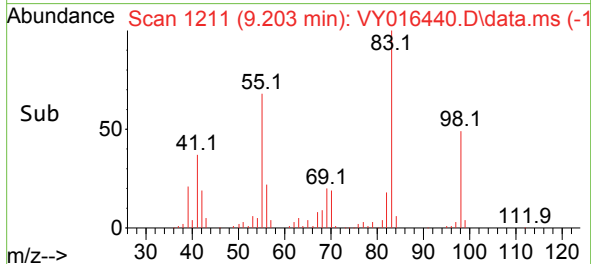
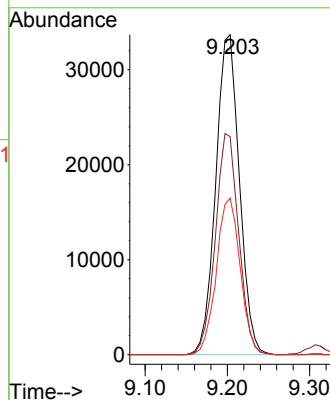
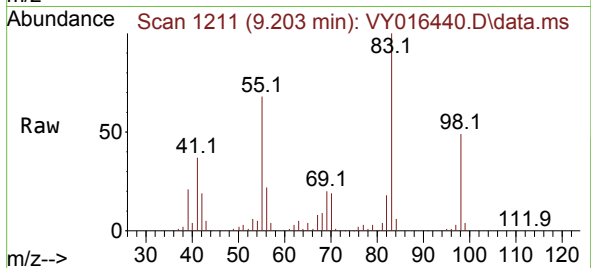
Tgt Ion: 83 Resp: 67361

Ion Ratio Lower Upper

83 100

55 68.2 63.0 94.4

98 49.0 37.4 56.2



#40

Benzene

Concen: 22.328 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016440.D

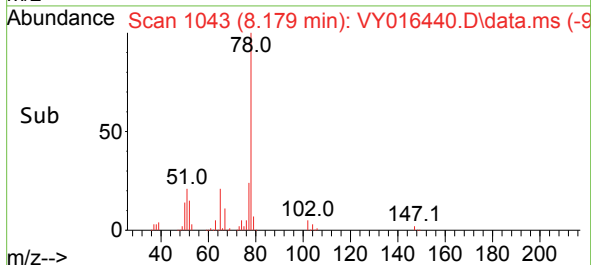
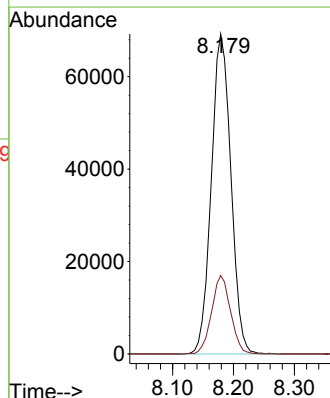
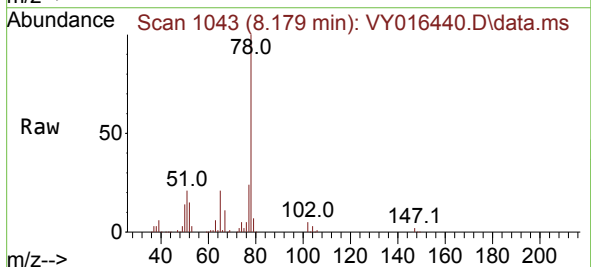
Acq: 21 Nov 2023 16:04

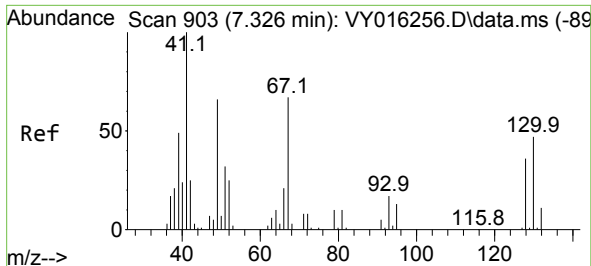
Tgt Ion: 78 Resp: 154547

Ion Ratio Lower Upper

78 100

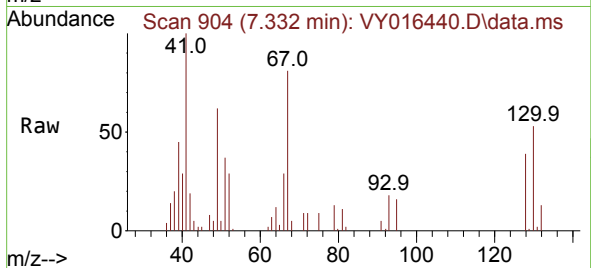
77 24.5 19.0 28.6



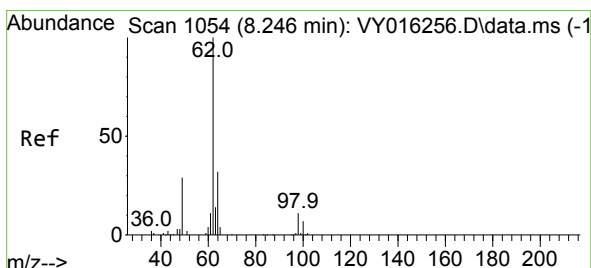
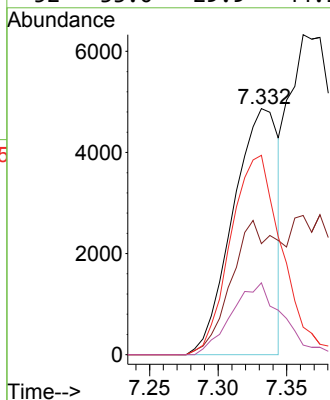
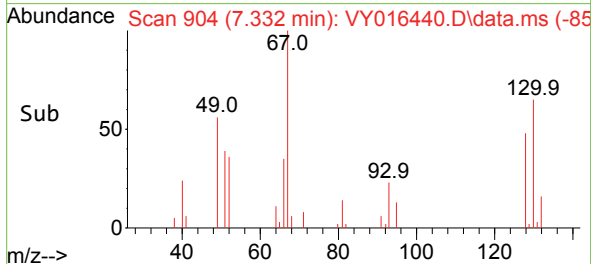


#41
Methacrylonitrile
Concen: 22.289 ug/l
RT: 7.332 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Instrument :
MSVOA_Y
ClientSampleId :

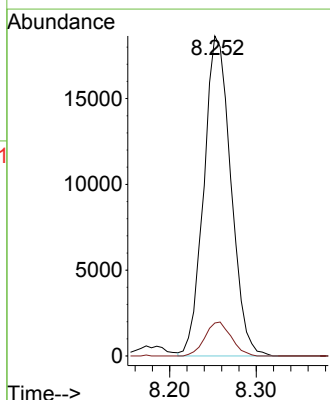
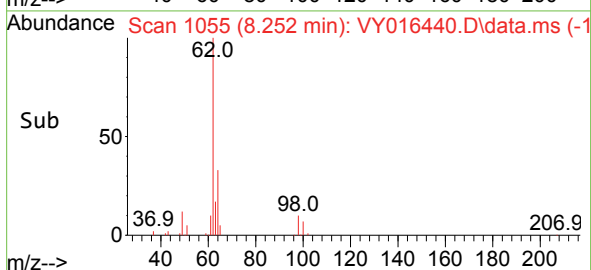
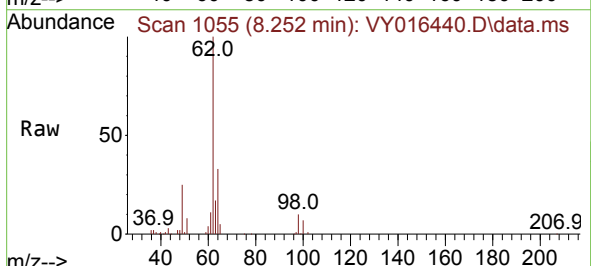


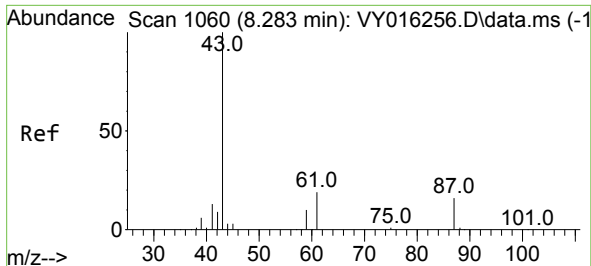
Tgt Ion: 41	Resp: 11187
Ion Ratio	Lower Upper
41 100	
39 53.3	52.1 78.1
67 92.1	66.2 99.2
52 33.0	29.9 44.9



#42
1,2-Dichloroethane
Concen: 22.558 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Tgt Ion: 62	Resp: 40455
Ion Ratio	Lower Upper
62 100	
98 10.3	0.0 15.8

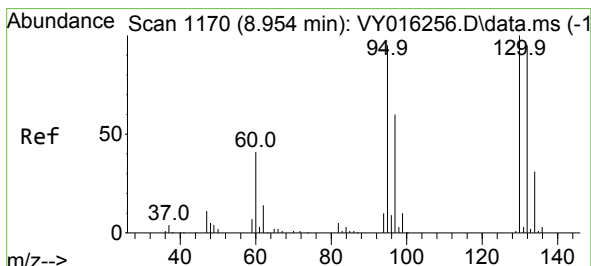
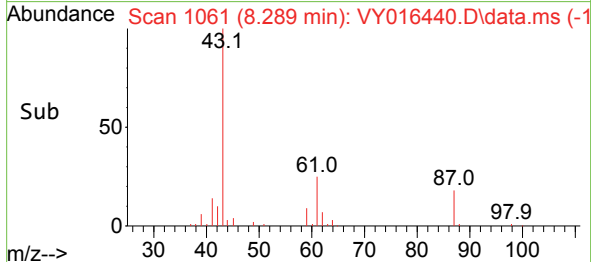
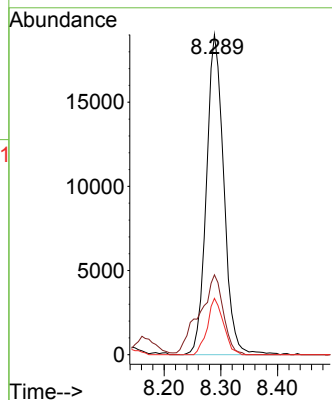
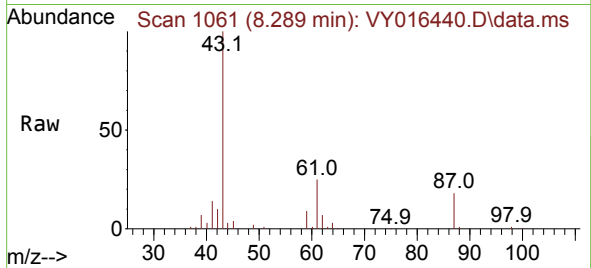




#43
Isopropyl Acetate
Concen: 21.035 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

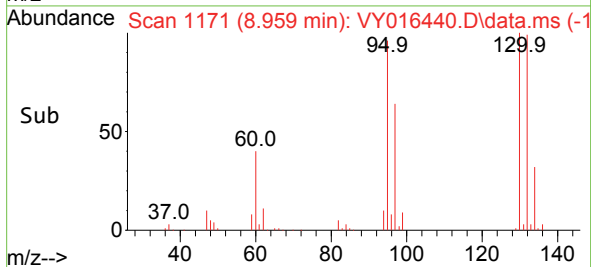
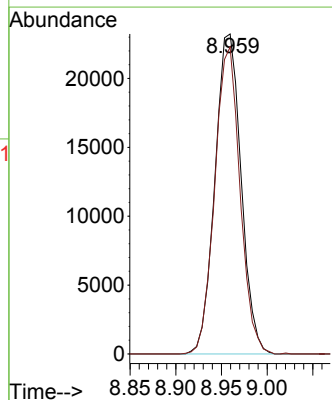
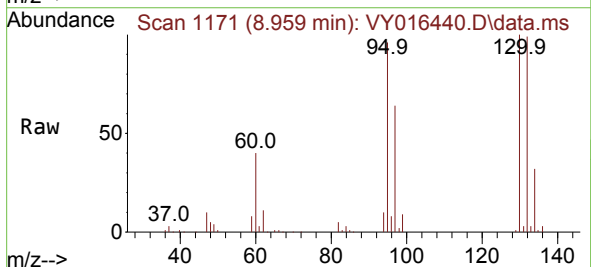
Instrument :
MSVOA_Y
ClientSampleId :

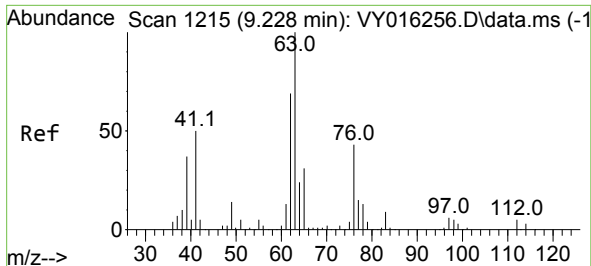
Tgt Ion: 43 Resp: 40475
Ion Ratio Lower Upper
43 100
61 34.3 21.1 31.7#
87 16.3 9.8 14.8#



#44
Trichloroethene
Concen: 23.248 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Tgt Ion: 130 Resp: 46247
Ion Ratio Lower Upper
130 100
95 96.0 0.0 196.0

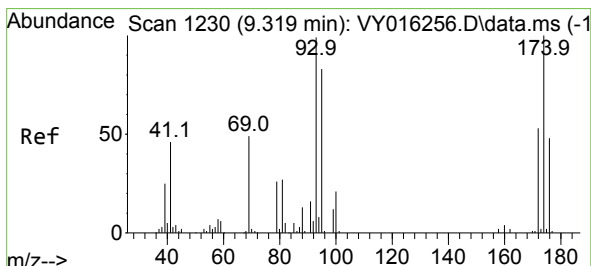
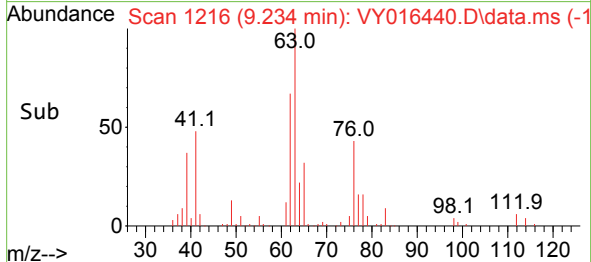
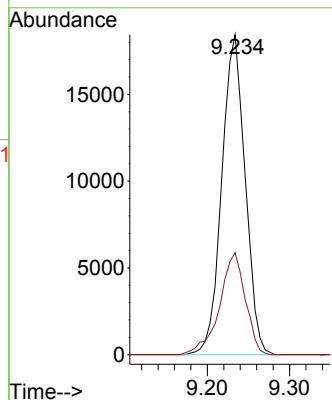
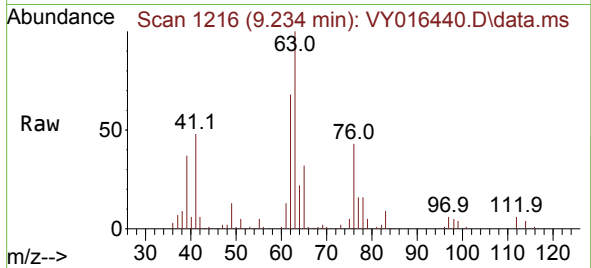




#45
1,2-Dichloropropane
Concen: 21.891 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

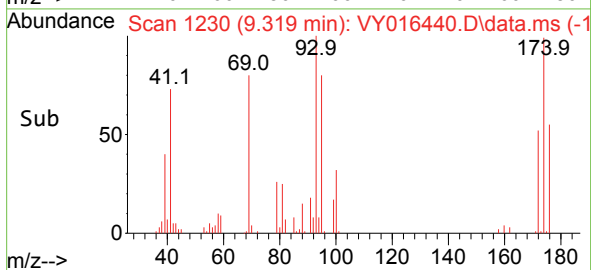
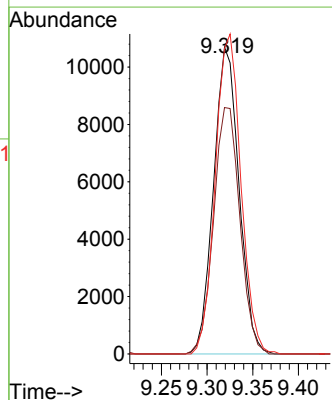
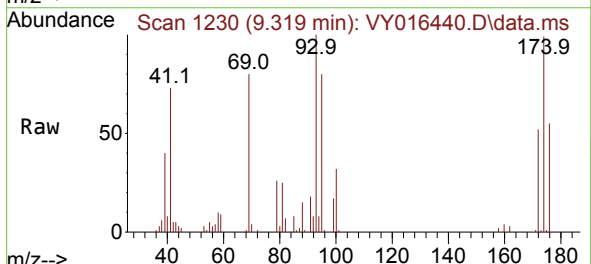
Instrument :
MSVOA_Y
ClientSampleId :

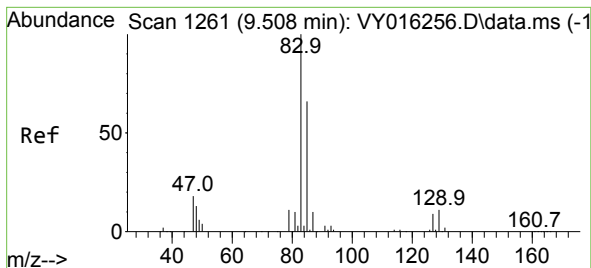
Tgt Ion: 63 Resp: 36389
Ion Ratio Lower Upper
63 100
65 31.9 23.8 35.6



#46
Dibromomethane
Concen: 22.985 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Tgt Ion: 93 Resp: 20705
Ion Ratio Lower Upper
93 100
95 83.1 66.6 100.0
174 105.0 84.8 127.2





#47

Bromodichloromethane

Concen: 22.530 ug/l

RT: 9.514 min Scan# 1262

Delta R.T. 0.006 min

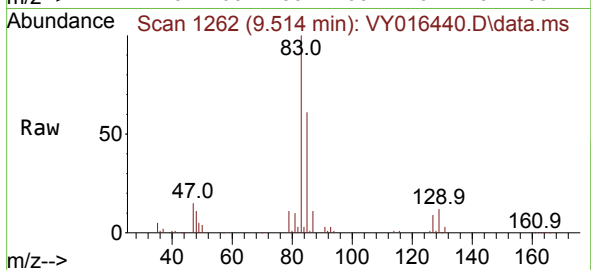
Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

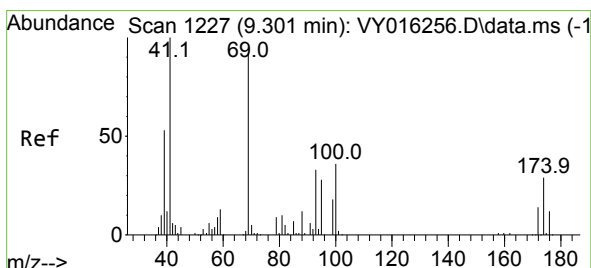
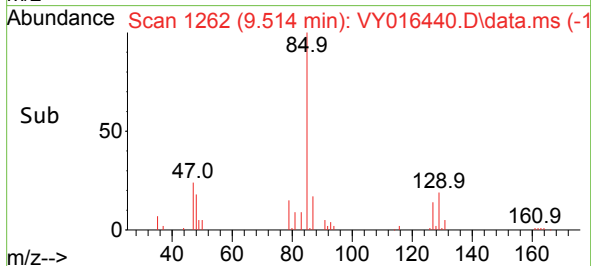
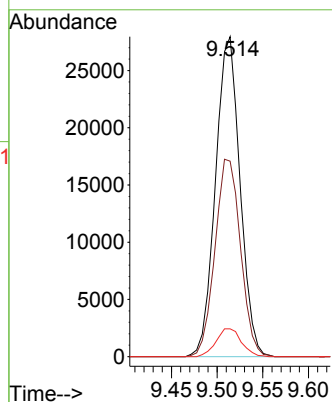
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	83	Resp:	52176
Ion	Ratio	Lower	Upper
83	100		
85	61.1	50.1	75.1
127	8.7	7.1	10.7



#48

Methyl methacrylate

Concen: 21.632 ug/l

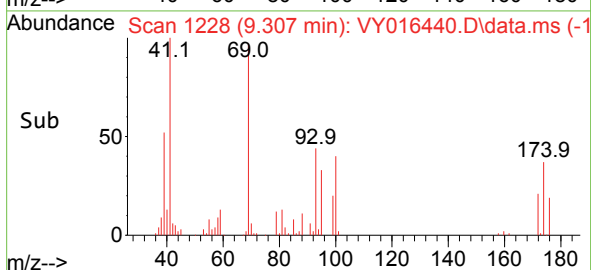
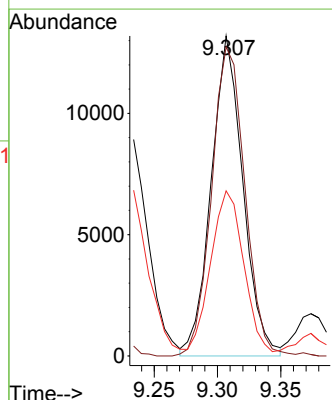
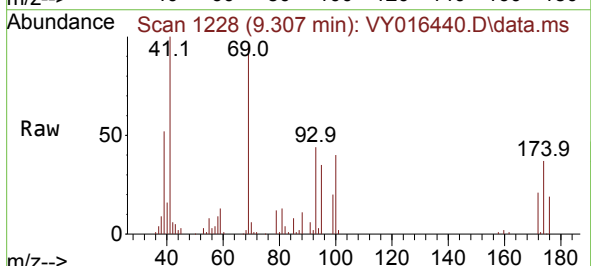
RT: 9.307 min Scan# 1228

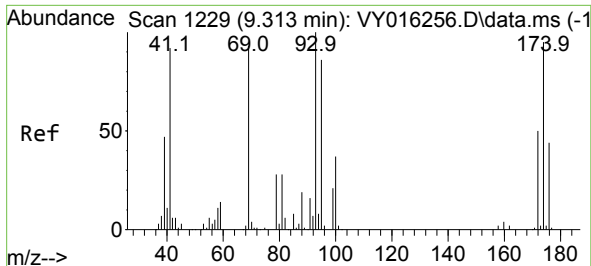
Delta R.T. 0.006 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Tgt Ion:	41	Resp:	23004
Ion	Ratio	Lower	Upper
41	100		
69	101.4	64.5	96.7
39	51.4	50.8	76.2





#49

1,4-Dioxane

Concen: 449.219 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

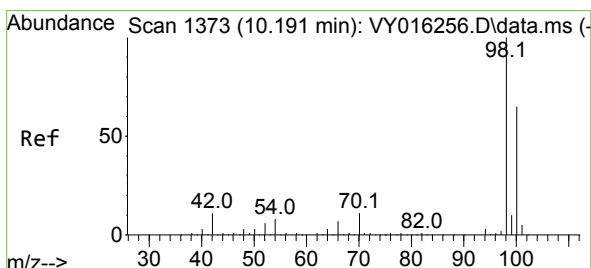
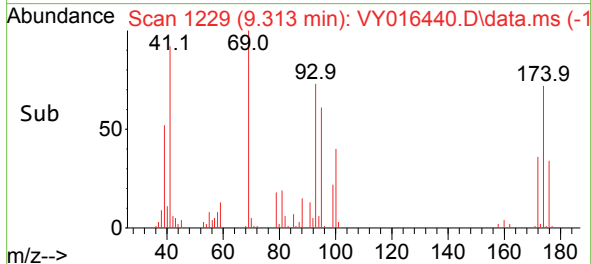
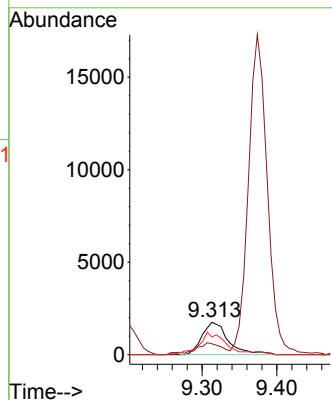
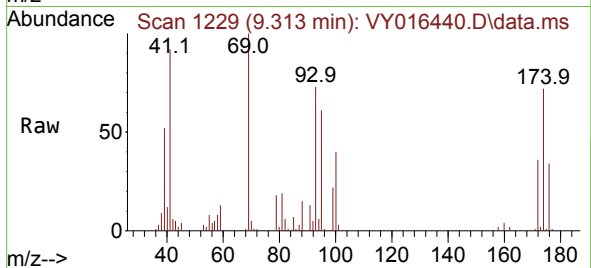
Tgt Ion: 88 Resp: 4296

Ion Ratio Lower Upper

88 100

43 37.2 0.0 0.0#

58 73.0 30.9 46.3#



#50

Toluene-d8

Concen: 53.114 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016440.D

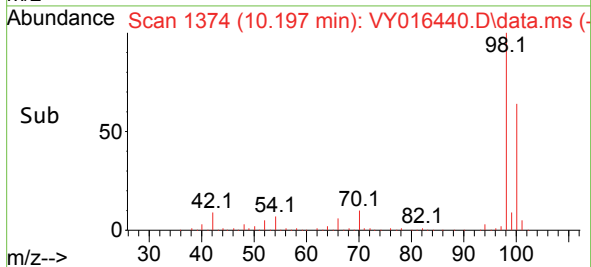
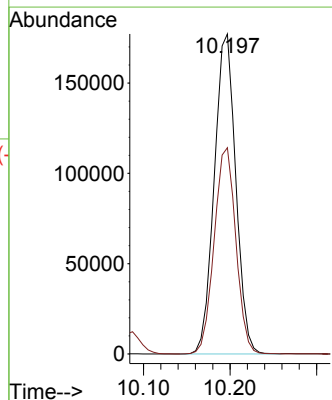
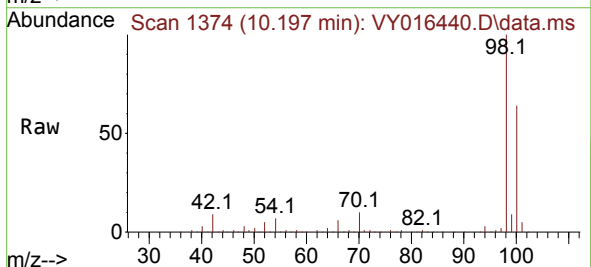
Acq: 21 Nov 2023 16:04

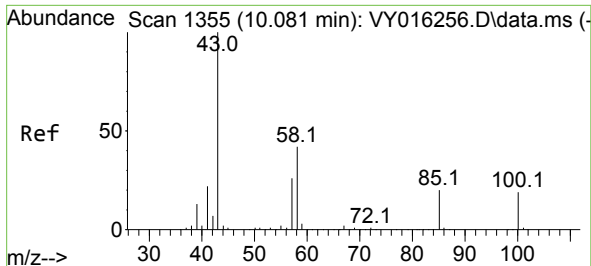
Tgt Ion: 98 Resp: 305590

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 108.360 ug/l

RT: 10.081 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Instrument :

MSVOA_Y

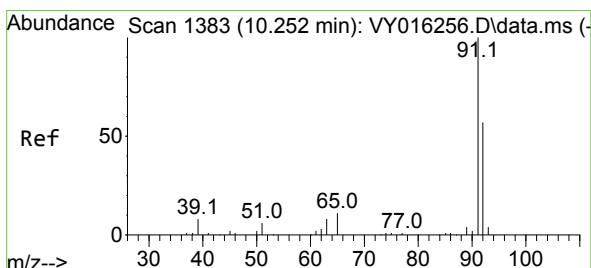
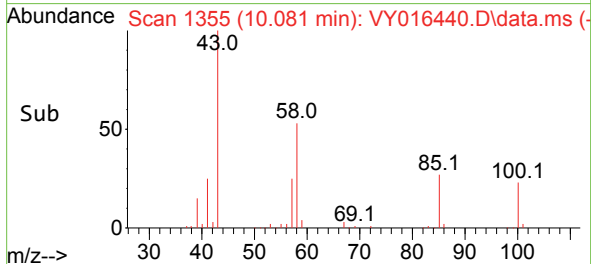
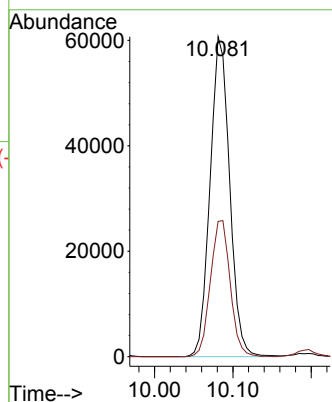
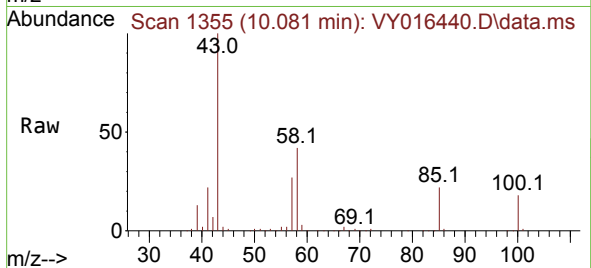
ClientSampleId :

Tgt Ion: 43 Resp: 105433

Ion Ratio Lower Upper

43 100

58 43.0 29.0 43.6



#52

Toluene

Concen: 22.781 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY016440.D

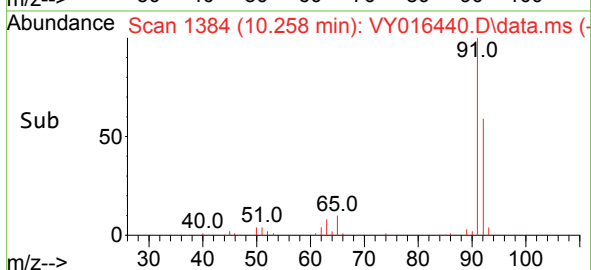
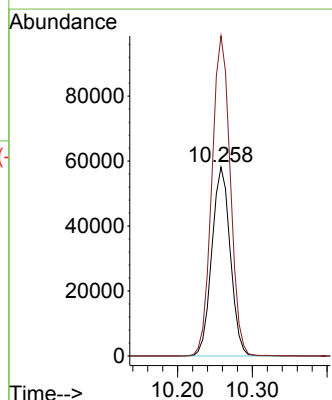
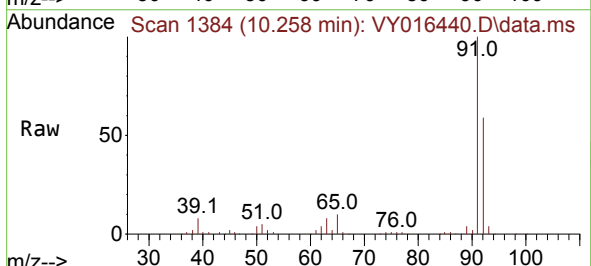
Acq: 21 Nov 2023 16:04

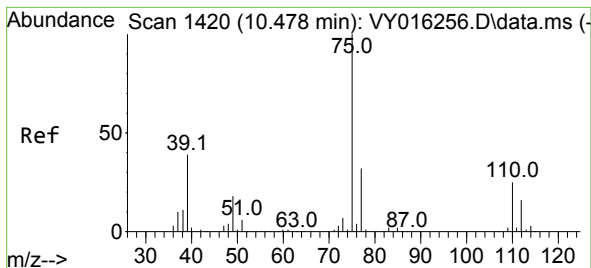
Tgt Ion: 92 Resp: 99675

Ion Ratio Lower Upper

92 100

91 169.9 143.8 215.6

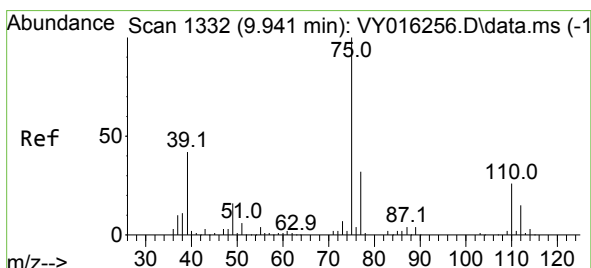
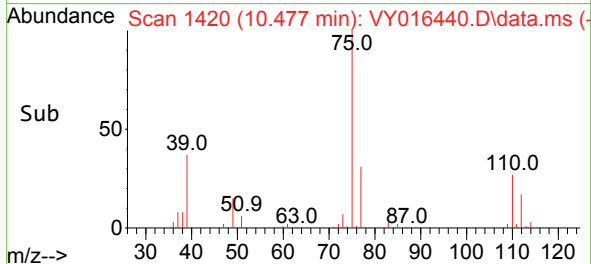
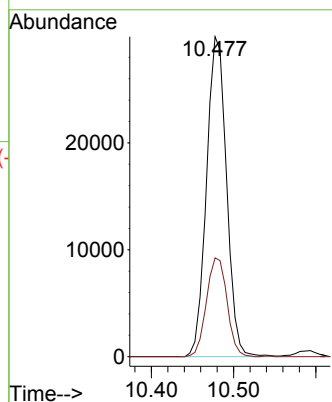
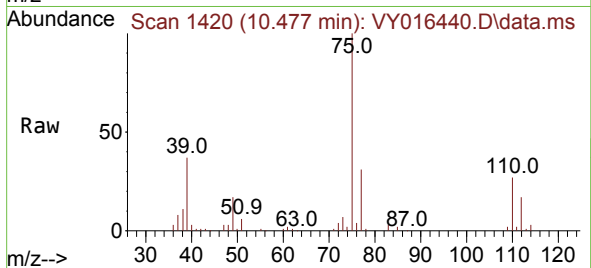




#53
 t-1,3-Dichloropropene
 Concen: 22.576 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016440.D
 Acq: 21 Nov 2023 16:04

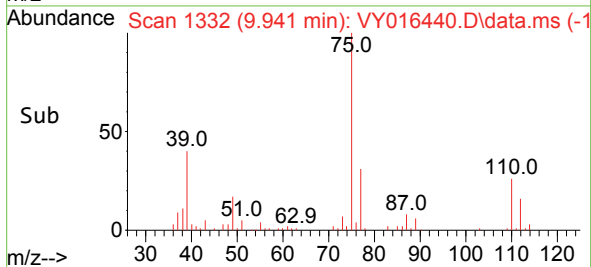
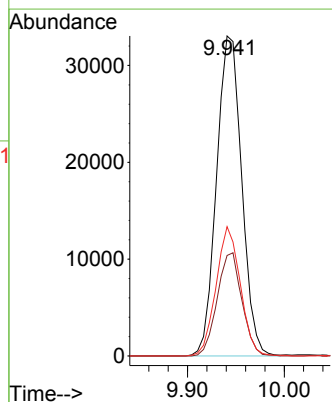
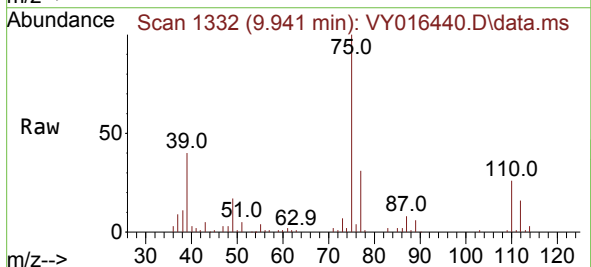
Instrument :
 MSVOA_Y
 ClientSampleId :

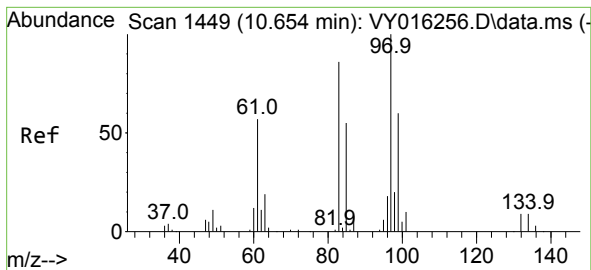
Tgt Ion: 75 Resp: 50683
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 22.253 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016440.D
 Acq: 21 Nov 2023 16:04

Tgt Ion: 75 Resp: 59670
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.2 36.4
 39 40.4 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 23.180 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 28780

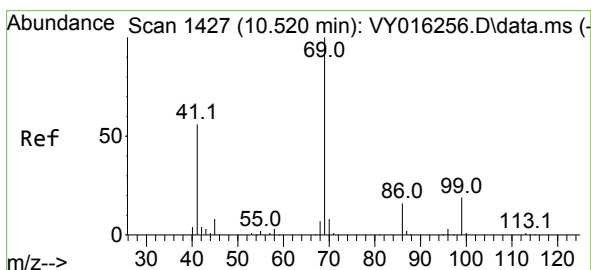
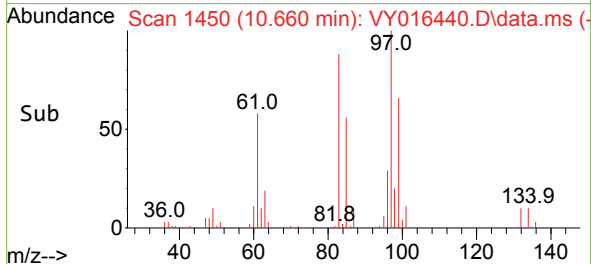
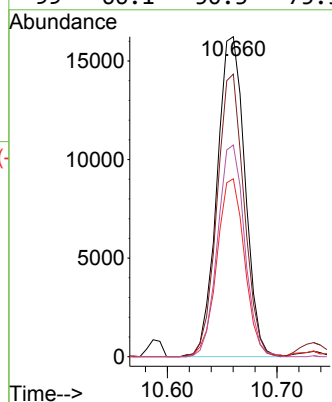
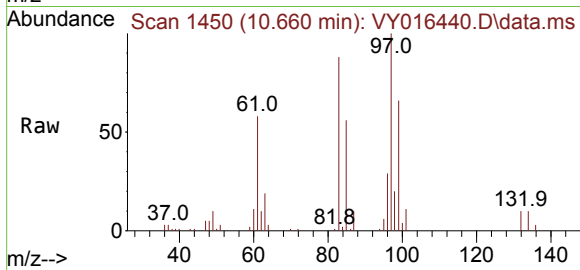
Ion Ratio Lower Upper

97 100

83 88.3 72.0 108.0

85 55.6 45.4 68.0

99 66.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 22.545 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

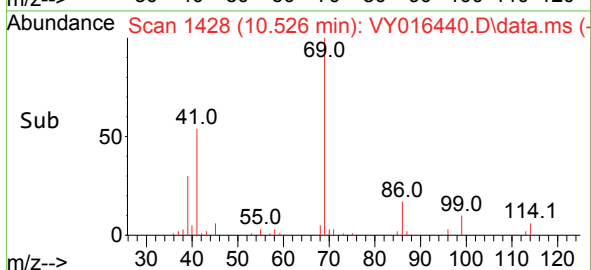
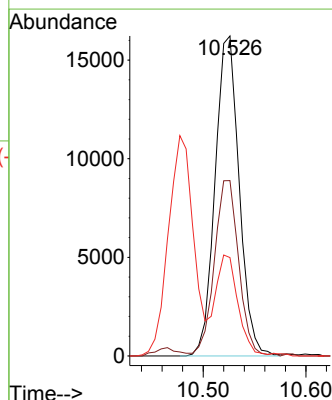
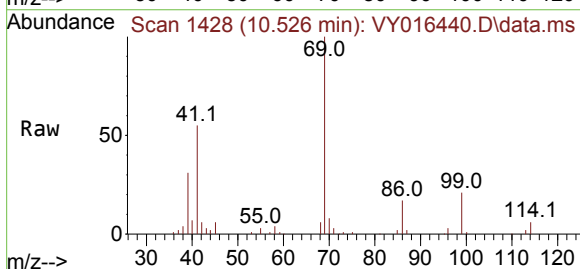
Tgt Ion: 69 Resp: 26423

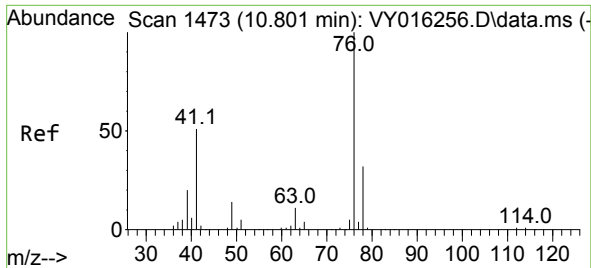
Ion Ratio Lower Upper

69 100

41 55.4 57.6 86.4#

39 29.2 34.1 51.1#

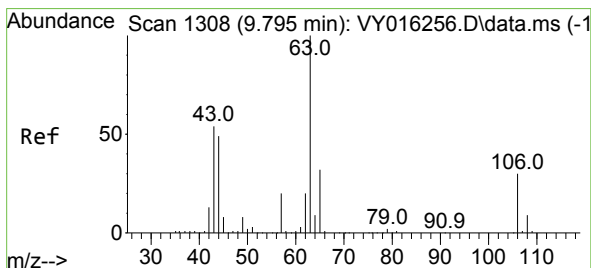
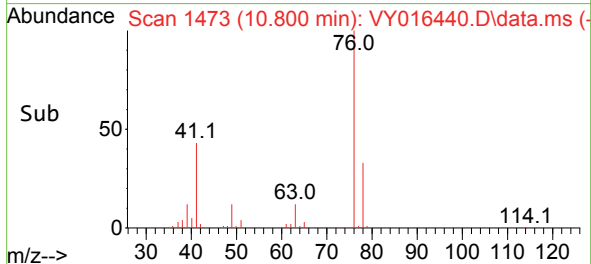
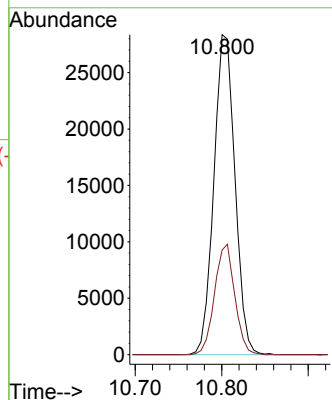
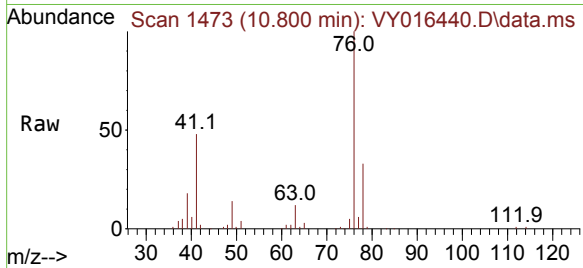




#57
1,3-Dichloropropane
Concen: 22.710 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

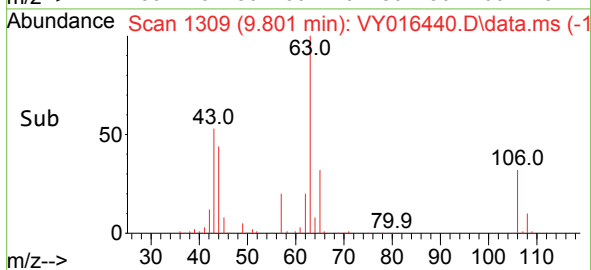
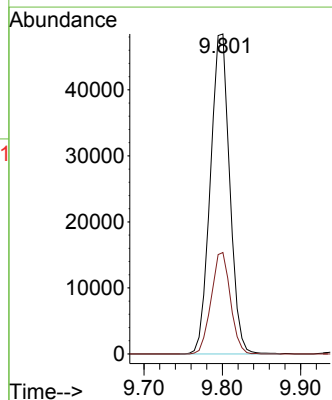
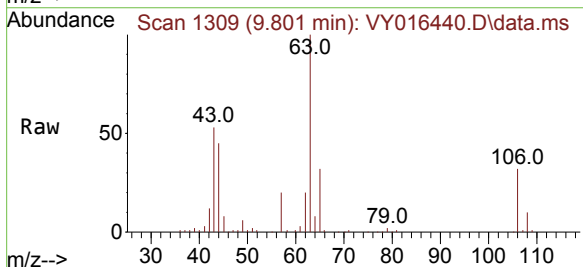
Instrument :
MSVOA_Y
ClientSampleId :

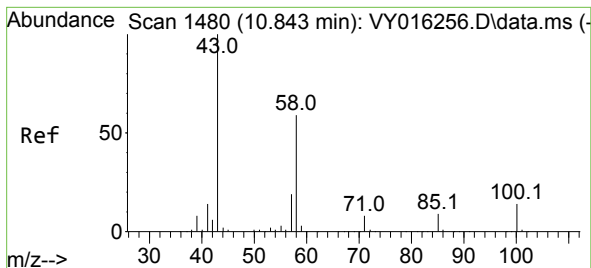
Tgt Ion: 76 Resp: 48063
Ion Ratio Lower Upper
76 100
78 33.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 104.588 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Tgt Ion: 63 Resp: 83116
Ion Ratio Lower Upper
63 100
106 31.5 21.2 31.8

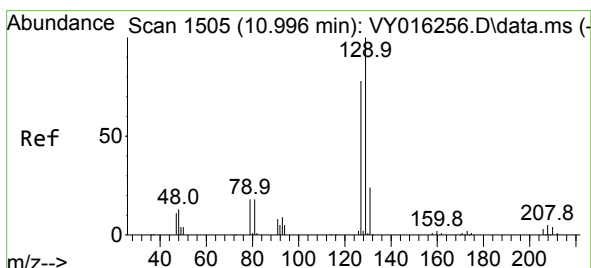
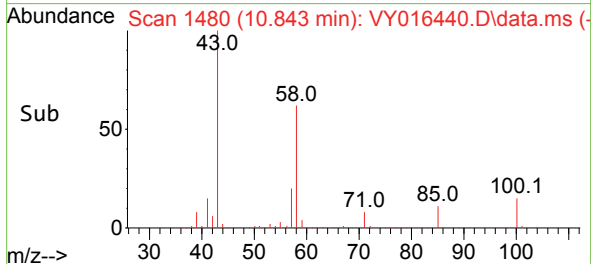
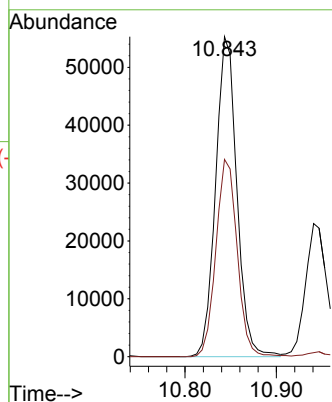
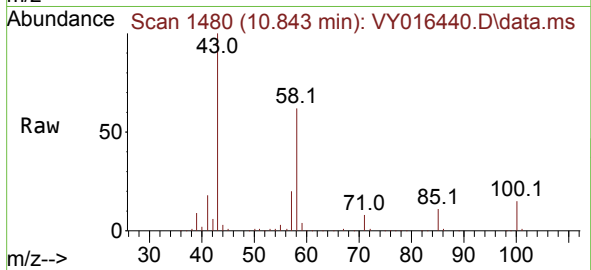




#59
2-Hexanone
Concen: 123.223 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

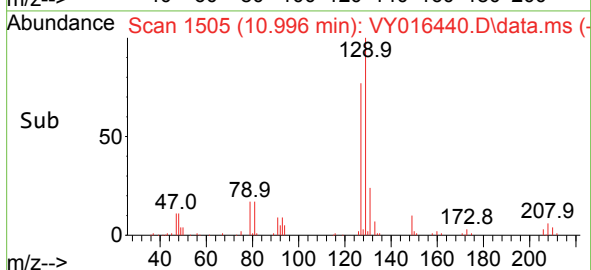
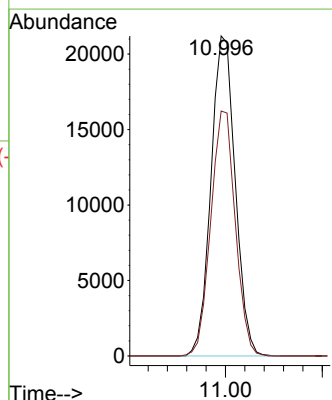
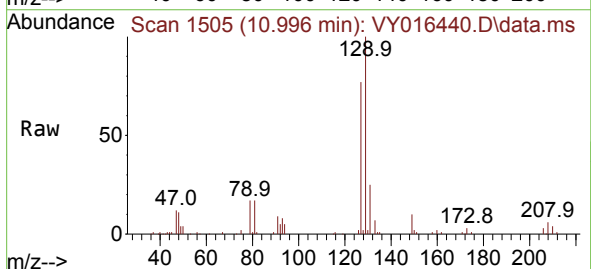
Instrument :
MSVOA_Y
ClientSampleId :

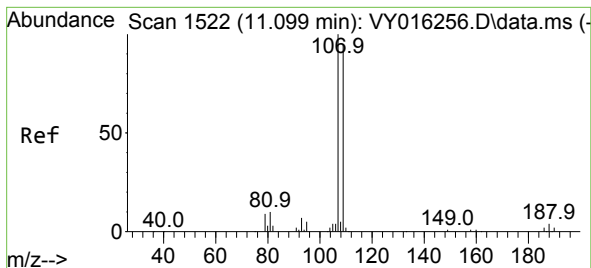
Tgt Ion: 43 Resp: 89180
Ion Ratio Lower Upper
43 100
58 61.9 25.1 75.3



#60
Dibromochloromethane
Concen: 23.766 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

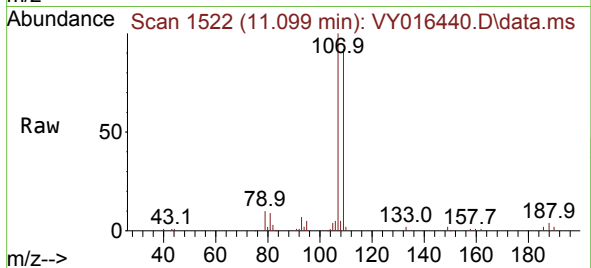
Tgt Ion: 129 Resp: 36903
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5



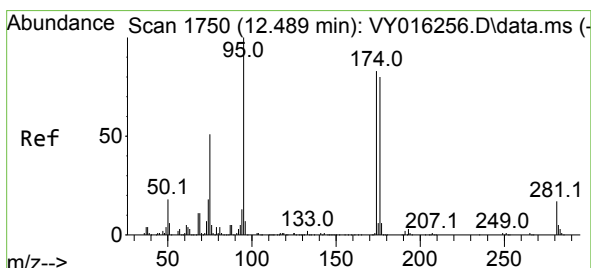
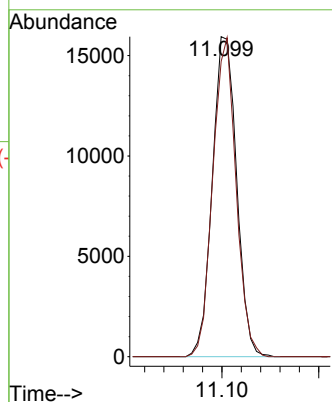
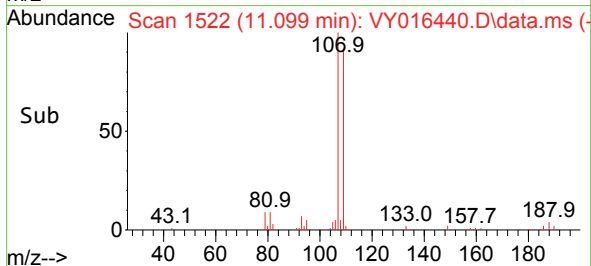


#61
1,2-Dibromoethane
Concen: 23.485 ug/l
RT: 11.099 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

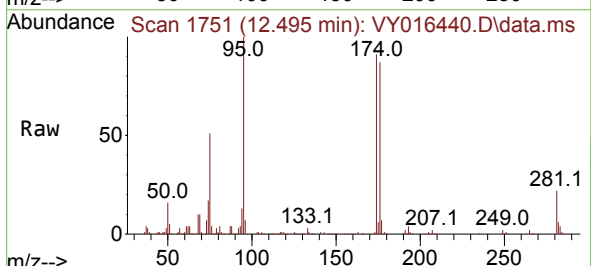
Instrument :
MSVOA_Y
ClientSampleId :



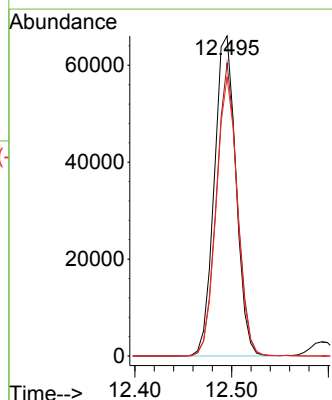
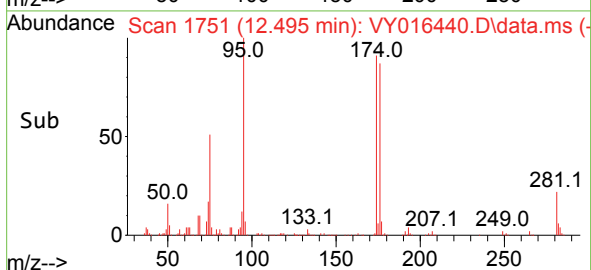
Tgt Ion:107 Resp: 27779
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.946 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04



Tgt Ion: 95 Resp: 102675
Ion Ratio Lower Upper
95 100
174 88.0 0.0 178.2
176 85.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

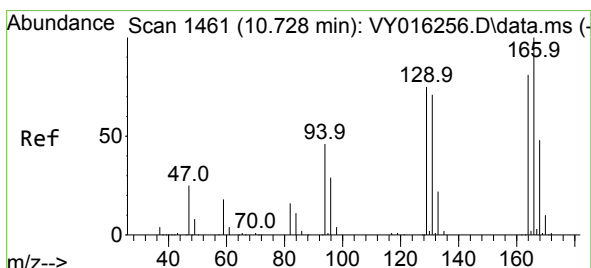
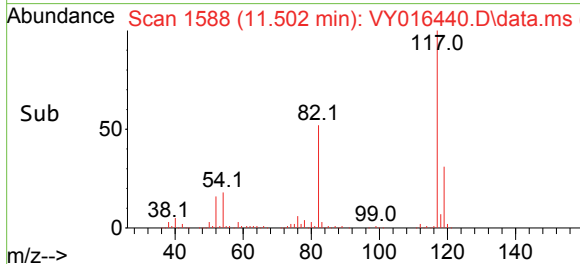
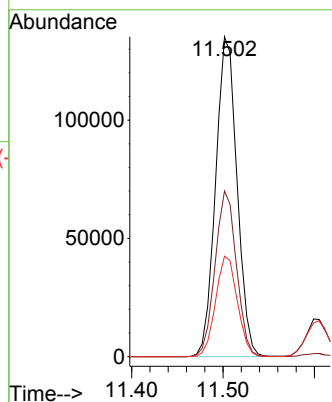
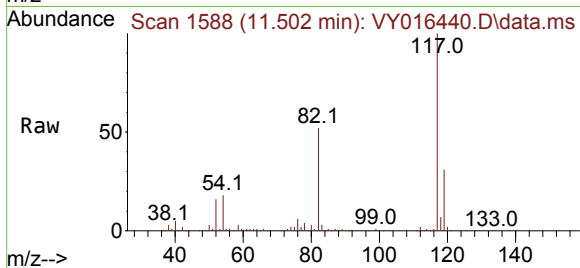
Tgt Ion:117 Resp: 220301

Ion Ratio Lower Upper

117 100

82 51.8 43.4 65.0

119 31.4 26.3 39.5



#64

Tetrachloroethene

Concen: 23.612 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Tgt Ion:164 Resp: 46706

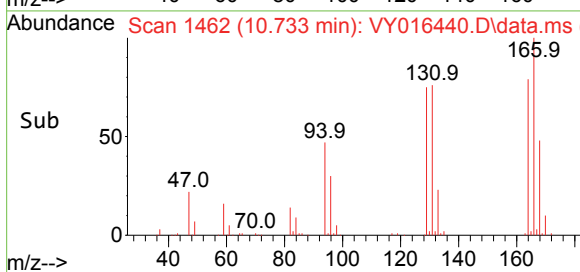
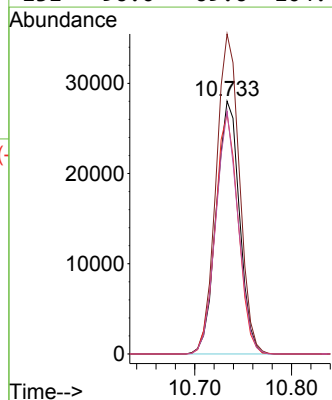
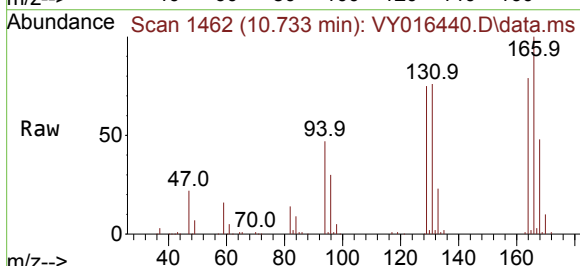
Ion Ratio Lower Upper

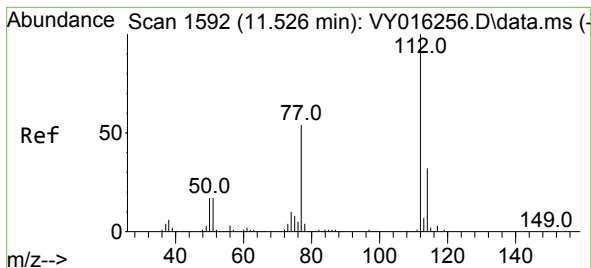
164 100

166 126.6 103.0 154.6

129 95.0 77.2 115.8

131 96.0 69.6 104.4

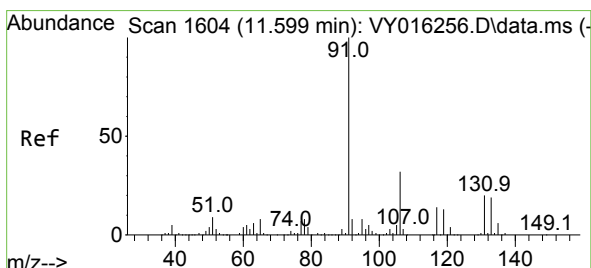
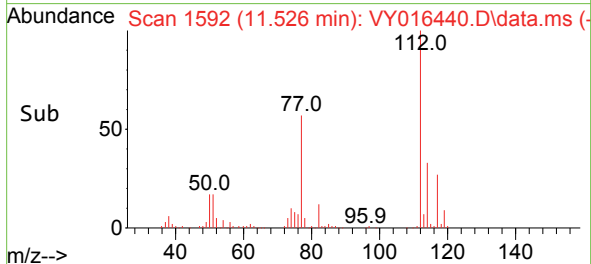
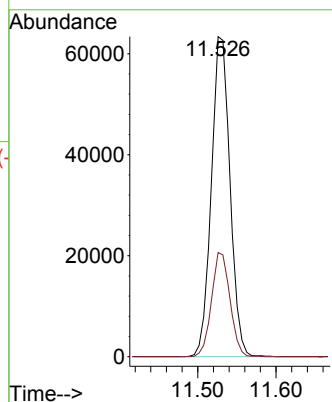
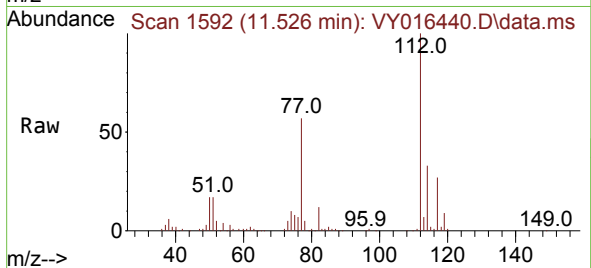




#65
Chlorobenzene
Concen: 22.247 ug/l
RT: 11.526 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

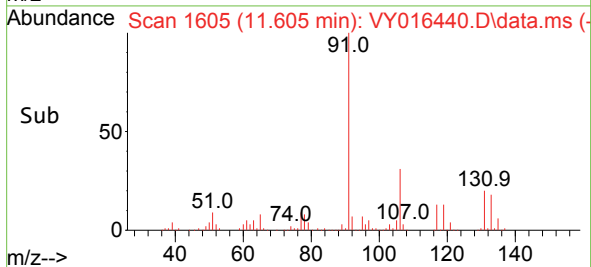
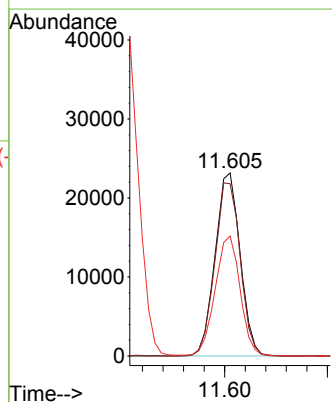
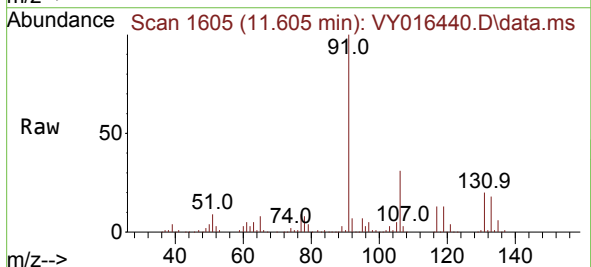
Instrument :
MSVOA_Y
ClientSampleId :

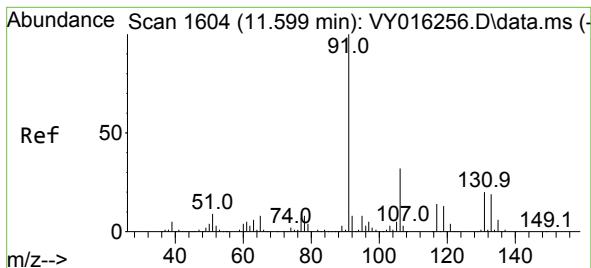
Tgt Ion:112 Resp: 104714
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.504 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Tgt Ion:131 Resp: 39068
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.6
119 65.6 31.6 94.7

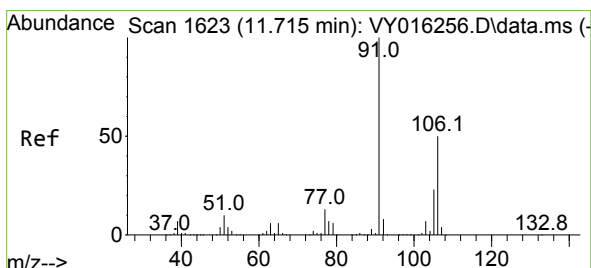
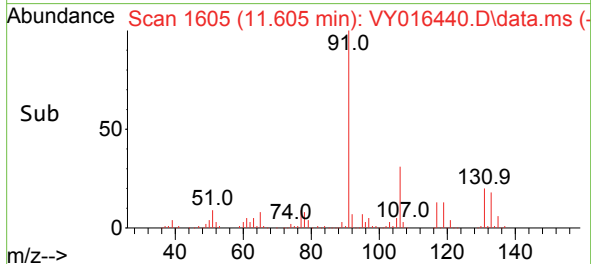
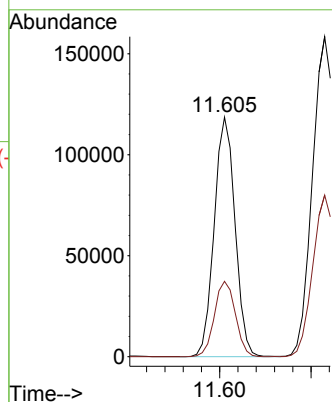
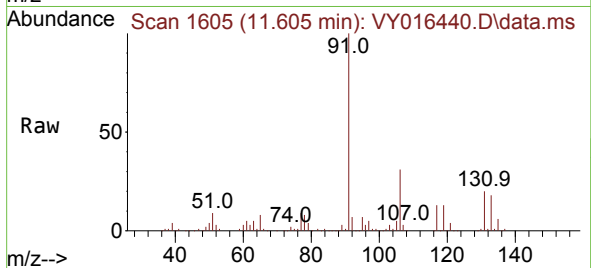




#67
Ethyl Benzene
Concen: 22.182 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

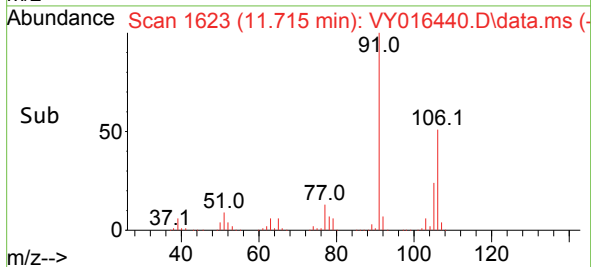
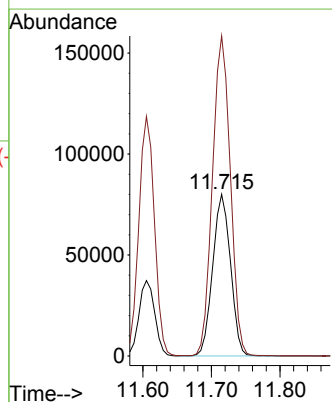
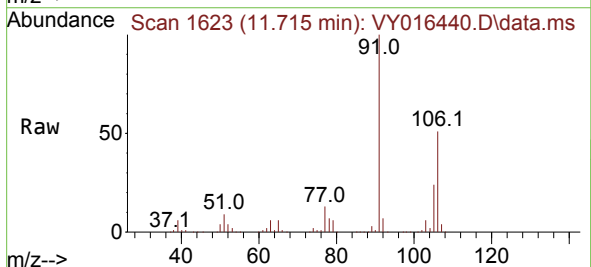
Instrument :
MSVOA_Y
ClientSampleId :

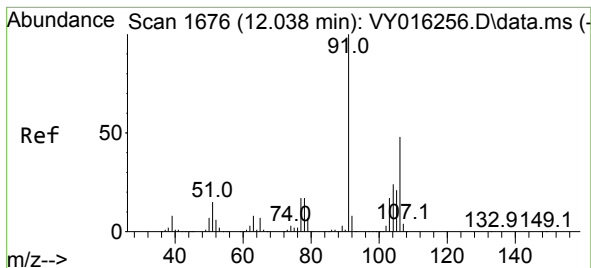
Tgt Ion: 91 Resp: 187633
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8



#68
m/p-Xylenes
Concen: 44.944 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. -0.000 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Tgt Ion:106 Resp: 144198
Ion Ratio Lower Upper
106 100
91 199.0 166.1 249.1





#69

o-Xylene

Concen: 22.332 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Instrument :

MSVOA_Y

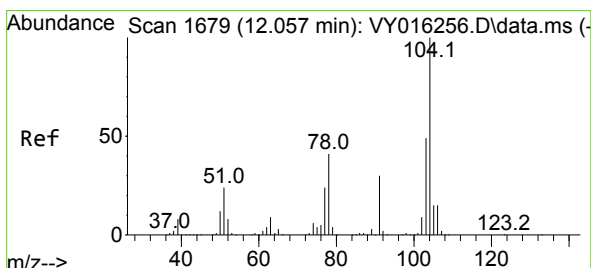
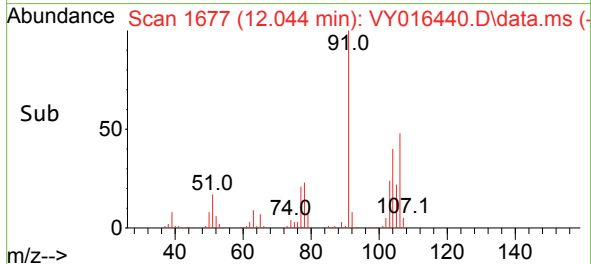
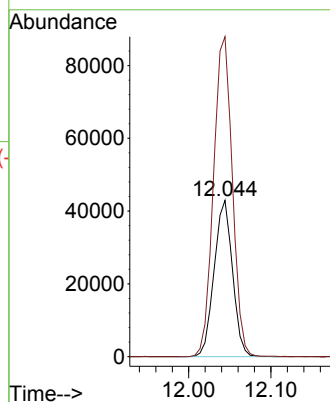
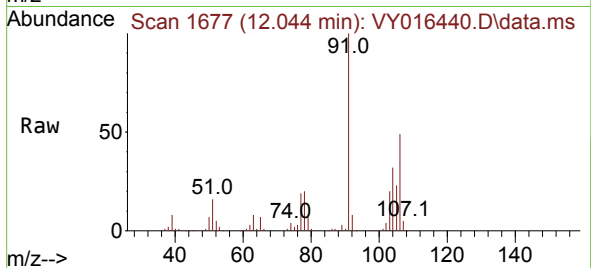
ClientSampleId :

Tgt Ion:106 Resp: 66523

Ion Ratio Lower Upper

106 100

91 210.5 108.1 324.3



#70

Styrene

Concen: 22.646 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

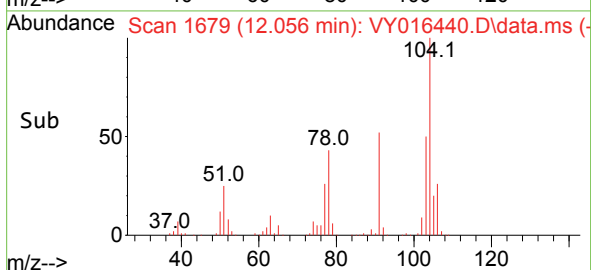
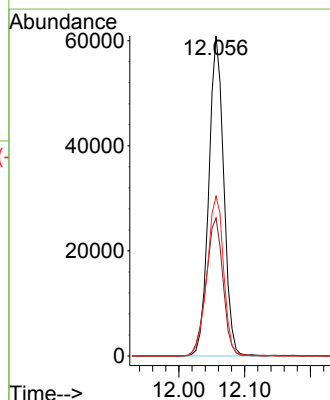
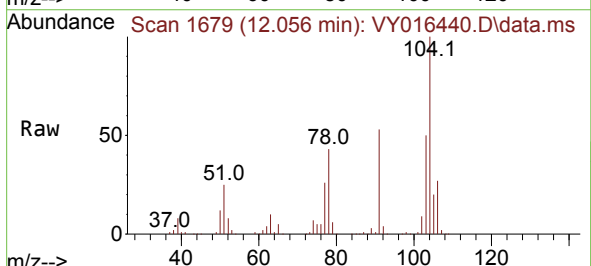
Tgt Ion:104 Resp: 96595

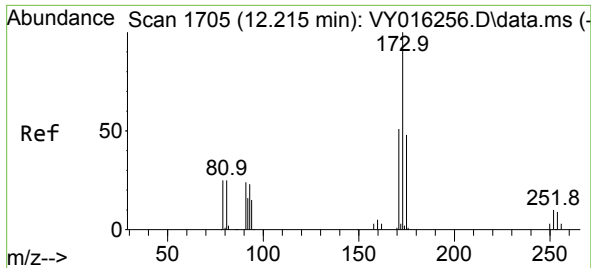
Ion Ratio Lower Upper

104 100

78 48.7 41.5 62.3

103 55.1 44.6 67.0

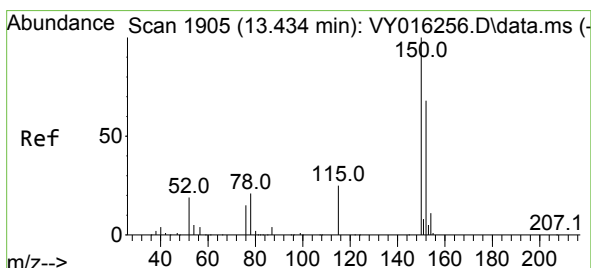
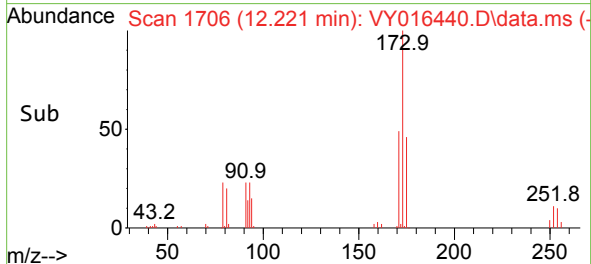
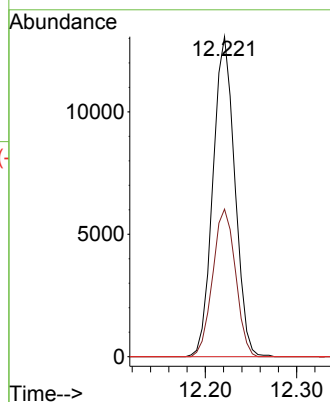
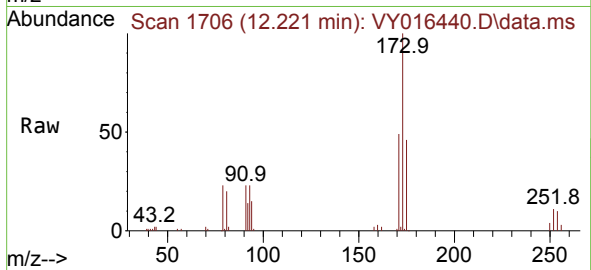




#71
Bromoform
Concen: 24.063 ug/l
RT: 12.221 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

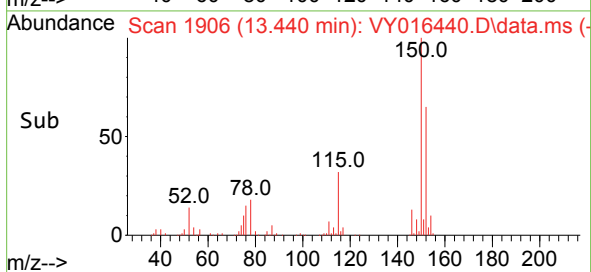
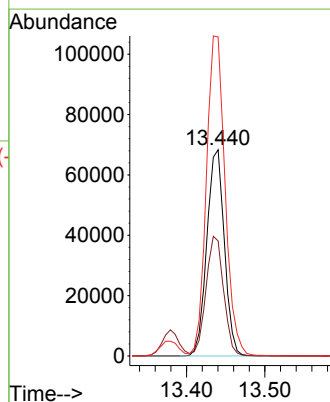
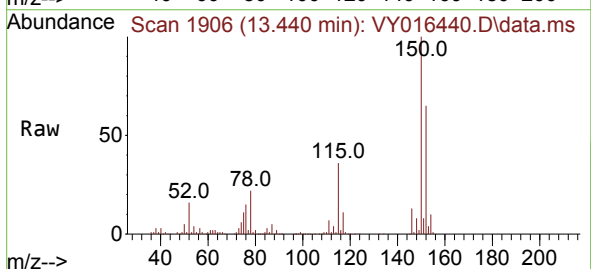
Instrument :
MSVOA_Y
ClientSampleId :

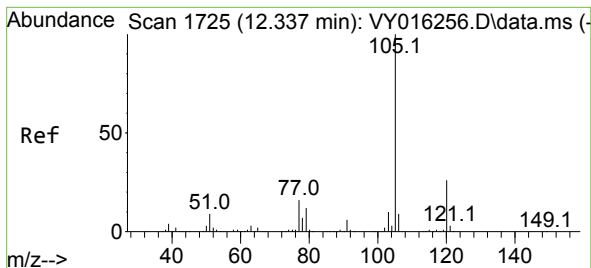
Tgt Ion:173 Resp: 21676
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Tgt Ion:152 Resp: 106173
Ion Ratio Lower Upper
152 100
115 58.4 28.8 86.5
150 165.4 0.0 348.8





#73

Isopropylbenzene

Concen: 21.220 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. 0.006 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Instrument :

MSVOA_Y

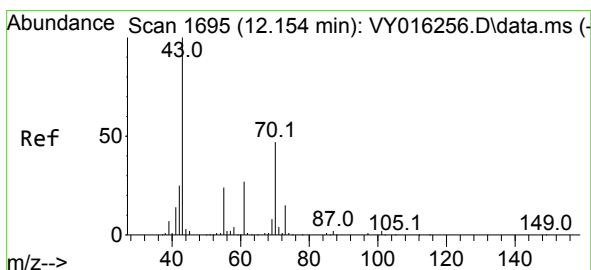
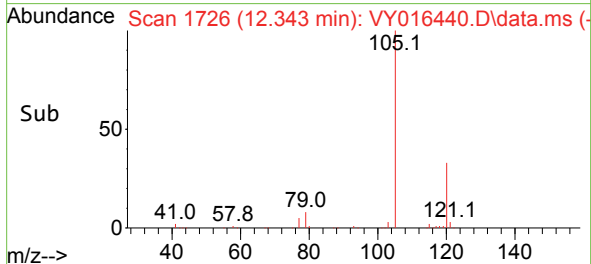
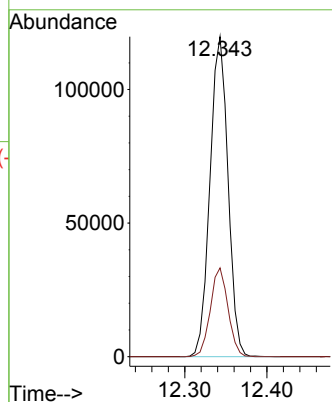
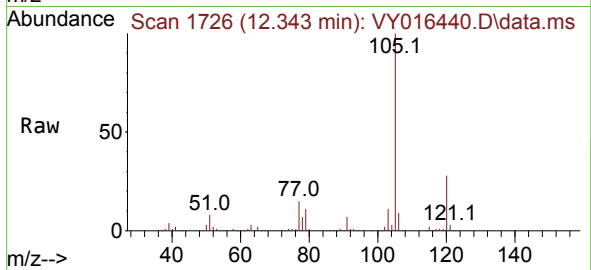
ClientSampleId :

Tgt Ion:105 Resp: 182443

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



#74

N-ethyl acetate

Concen: 19.894 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Tgt Ion: 43 Resp: 34357

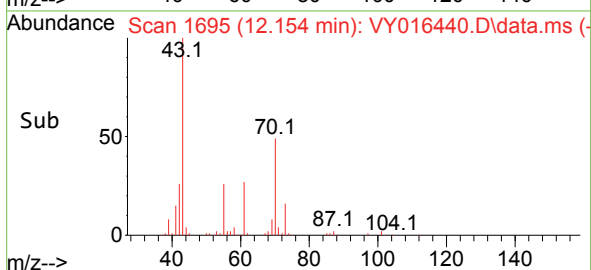
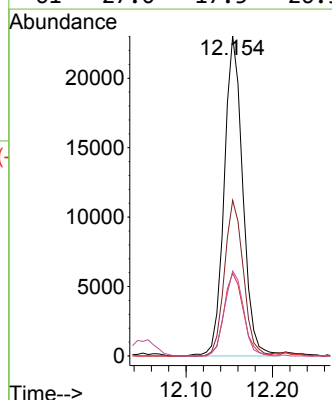
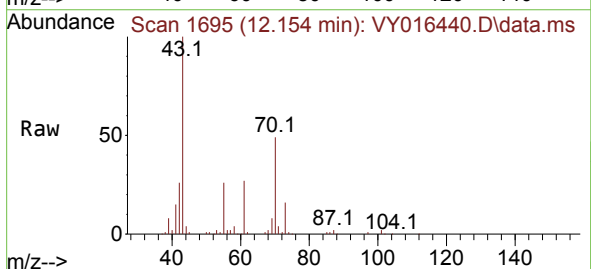
Ion Ratio Lower Upper

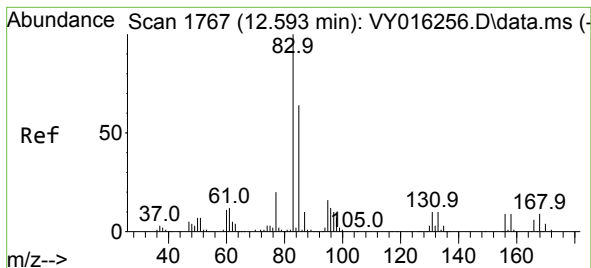
43 100

70 49.2 29.7 44.5#

55 26.9 18.3 27.5

61 27.0 17.5 26.3#

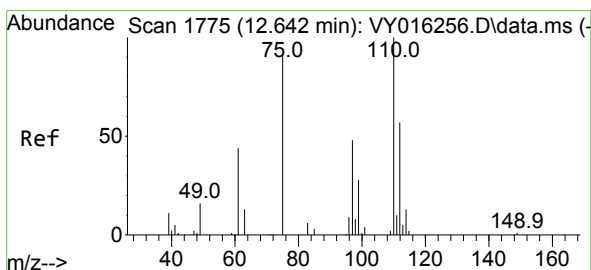
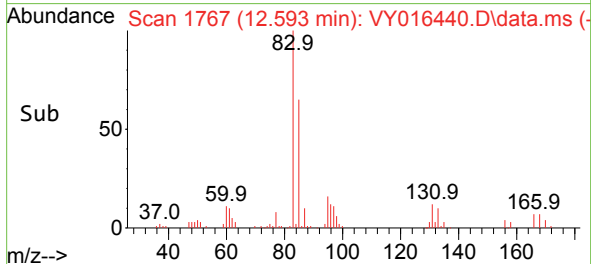
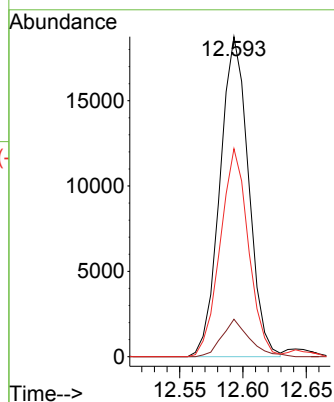
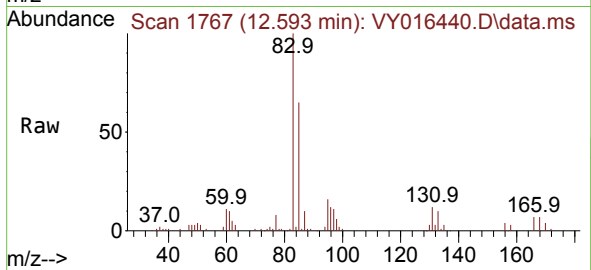




#75
1,1,2,2-Tetrachloroethane
Concen: 21.351 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

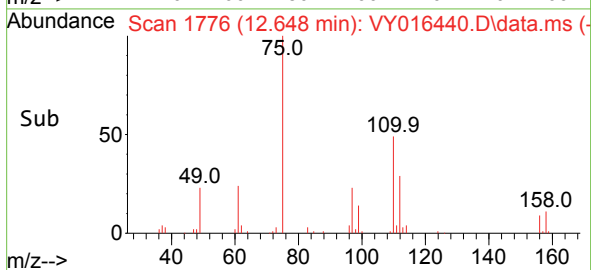
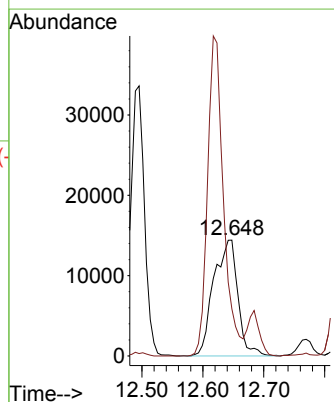
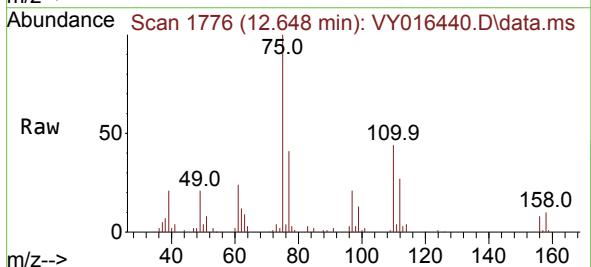
Instrument :
MSVOA_Y
ClientSampleId :

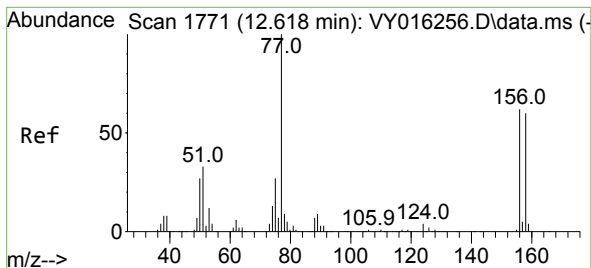
Tgt Ion:	83	Resp:	29456
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.4	16.2
85	64.3	31.8	95.4



#76
1,2,3-Trichloropropane
Concen: 39.130 ug/l
RT: 12.648 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Tgt Ion:	75	Resp:	39854
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.914 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

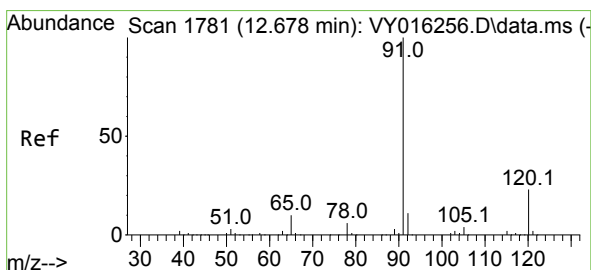
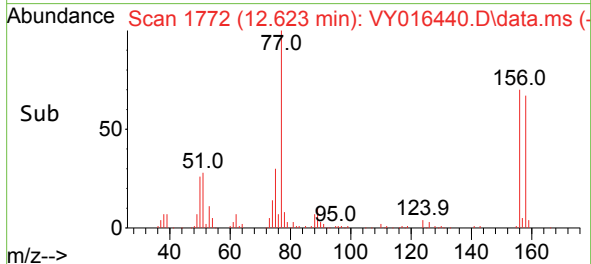
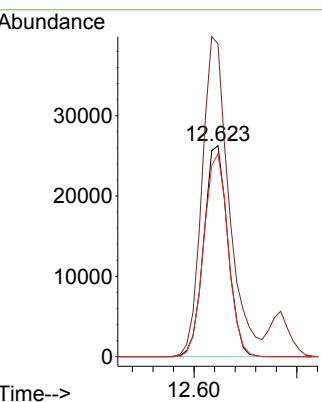
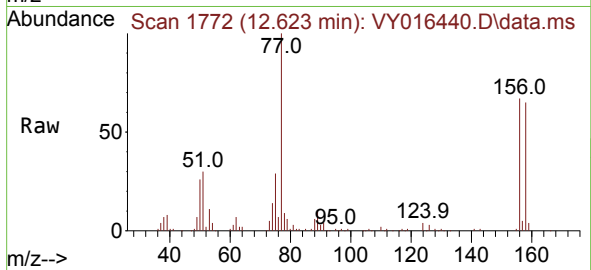
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:156 Resp: 42582

Ion	Ratio	Lower	Upper
156	100		
77	170.5	92.8	278.6
158	97.2	48.4	145.3



#78

n-propylbenzene

Concen: 21.031 ug/l

RT: 12.684 min Scan# 1782

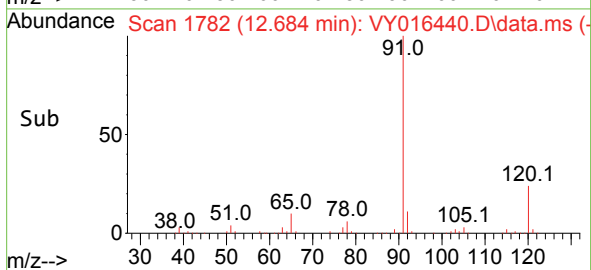
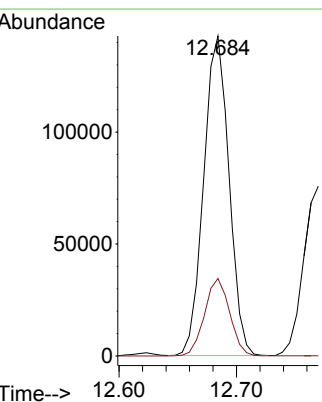
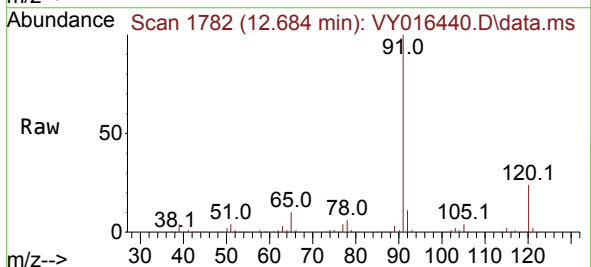
Delta R.T. 0.006 min

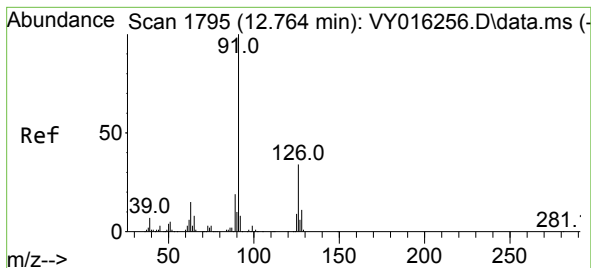
Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Tgt Ion: 91 Resp: 213691

Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.5	34.4





#79

2-Chlorotoluene

Concen: 20.978 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Instrument :

MSVOA_Y

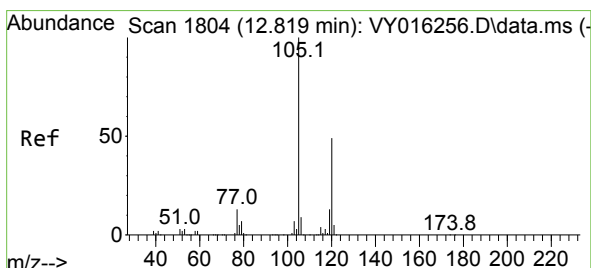
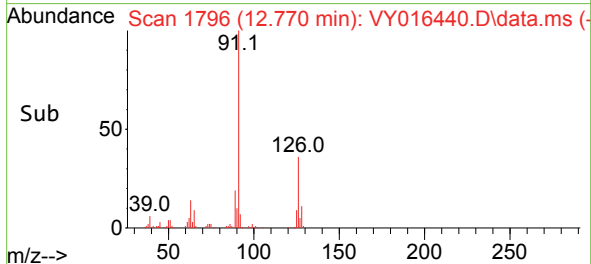
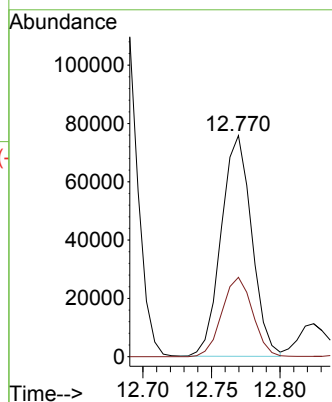
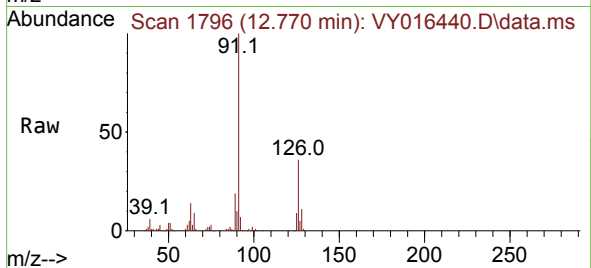
ClientSampleId :

Tgt Ion: 91 Resp: 117465

Ion Ratio Lower Upper

91 100

126 36.1 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 21.503 ug/l

RT: 12.824 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY016440.D

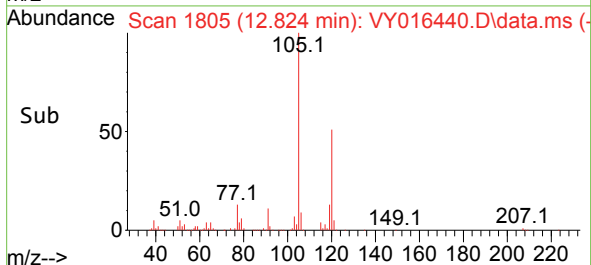
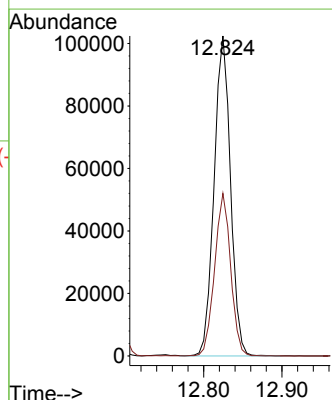
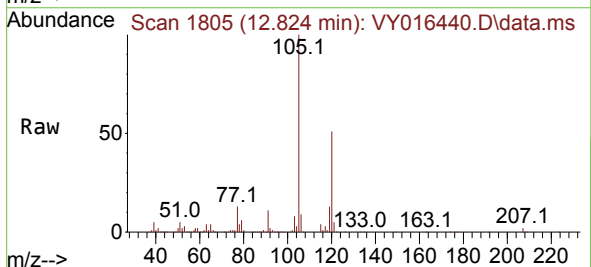
Acq: 21 Nov 2023 16:04

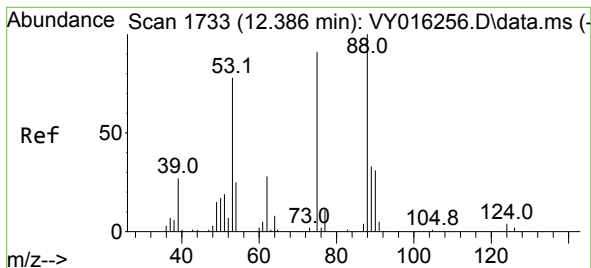
Tgt Ion: 105 Resp: 149055

Ion Ratio Lower Upper

105 100

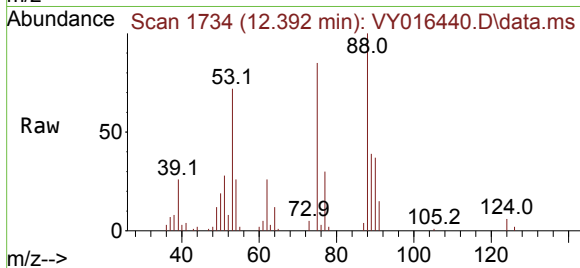
120 49.8 23.9 71.7



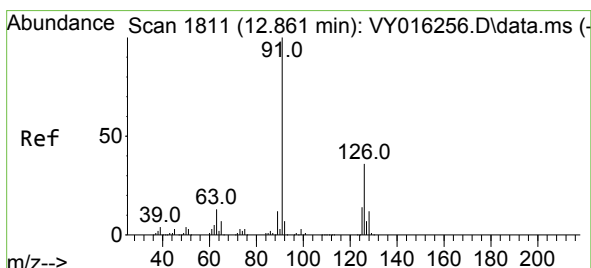
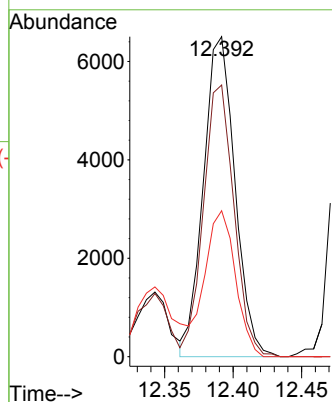
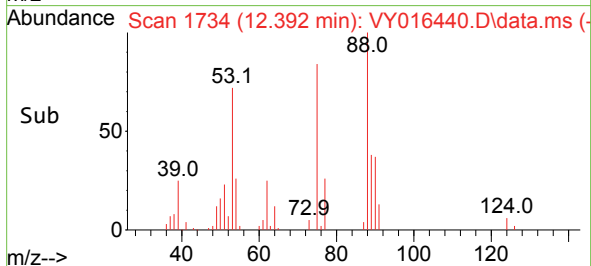


#81
trans-1,4-Dichloro-2-butene
Concen: 22.162 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Instrument :
MSVOA_Y
ClientSampleId :

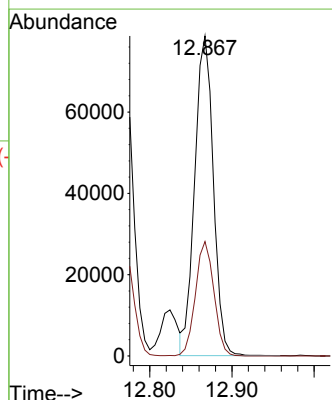
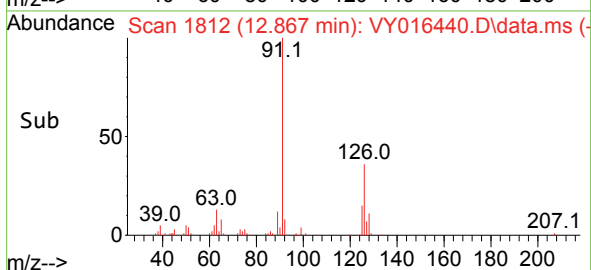
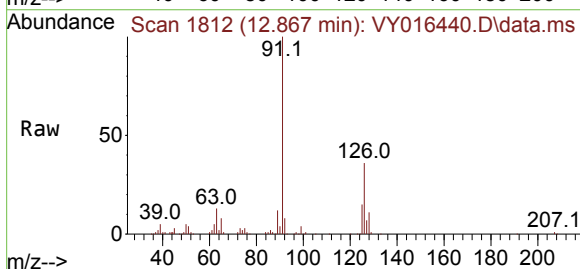


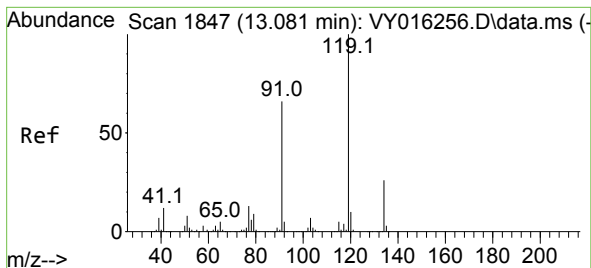
Tgt Ion: 75 Resp: 10399
Ion Ratio Lower Upper
75 100
53 82.5 77.8 116.8
89 44.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 21.351 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016440.D
Acq: 21 Nov 2023 16:04

Tgt Ion: 91 Resp: 123540
Ion Ratio Lower Upper
91 100
126 35.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.547 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

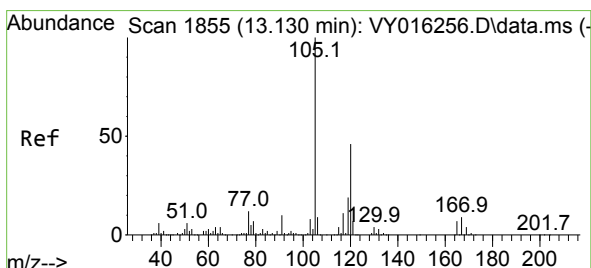
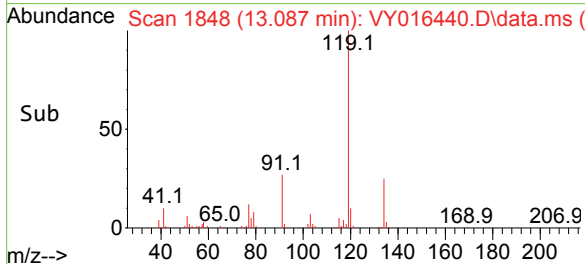
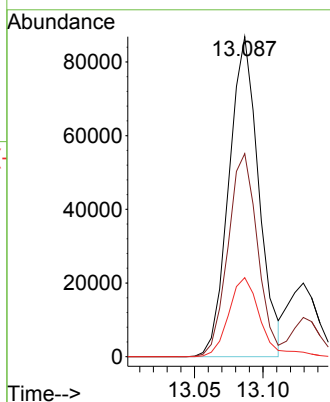
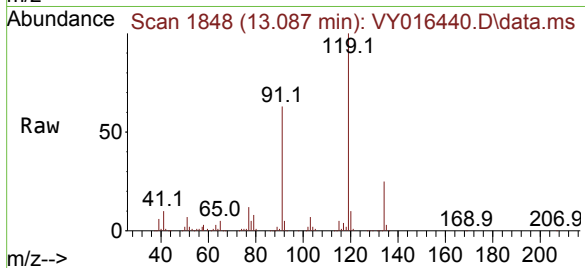
Tgt Ion:119 Resp: 131558

Ion Ratio Lower Upper

119 100

91 62.9 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.630 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016440.D

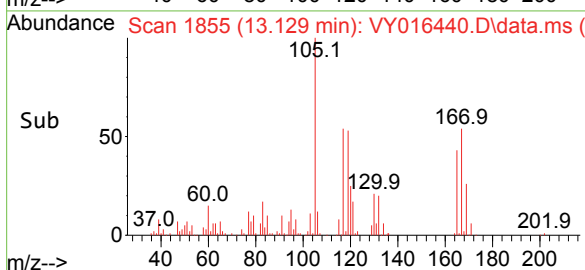
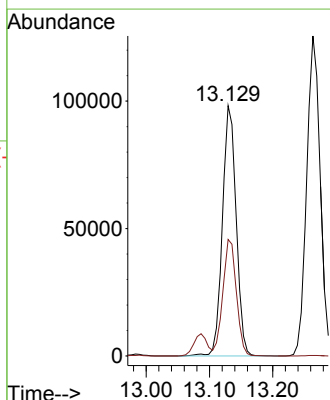
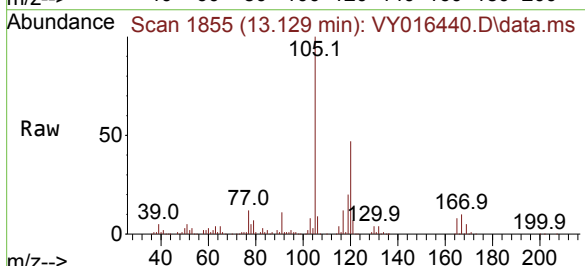
Acq: 21 Nov 2023 16:04

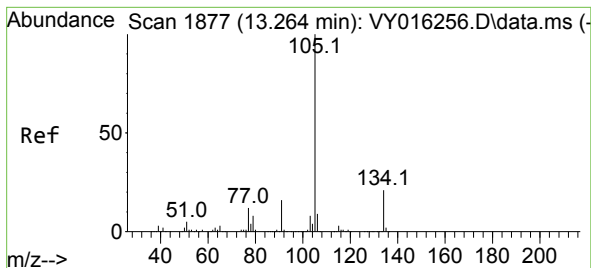
Tgt Ion:105 Resp: 147632

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.312 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Instrument :

MSVOA_Y

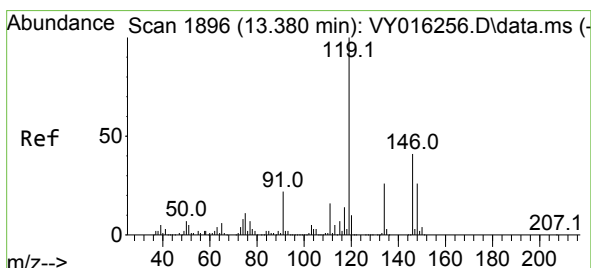
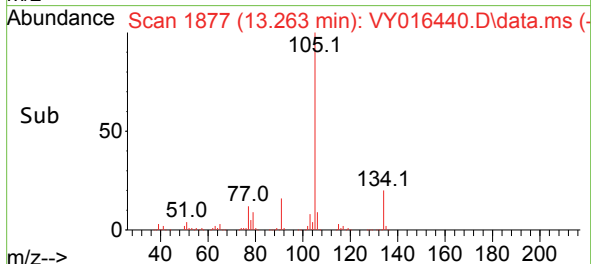
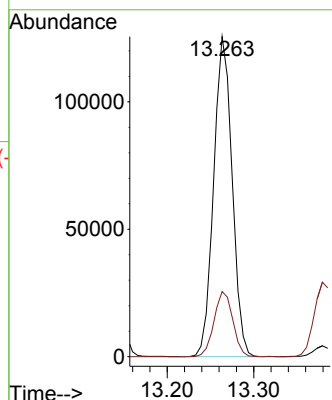
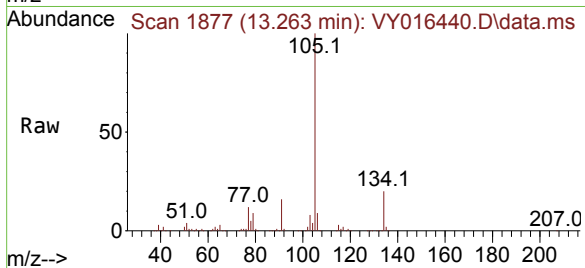
ClientSampleId :

Tgt Ion:105 Resp: 185903

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.902 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

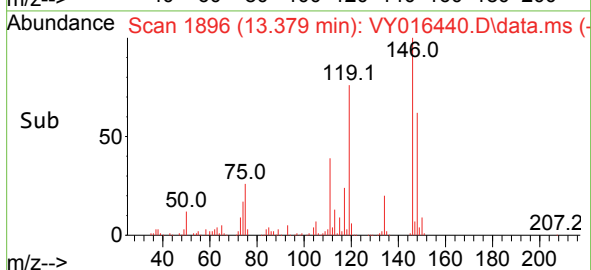
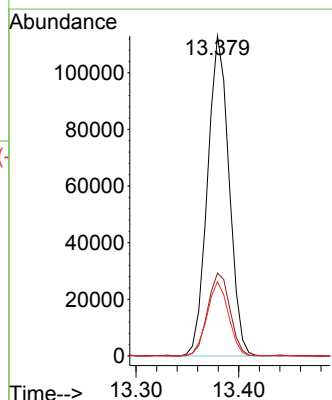
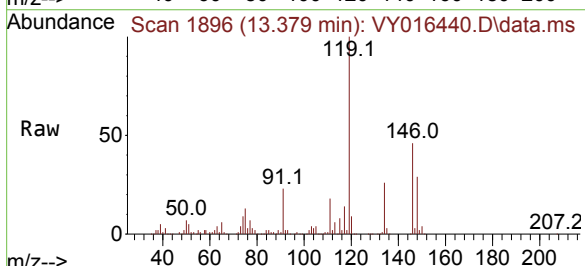
Tgt Ion:119 Resp: 164503

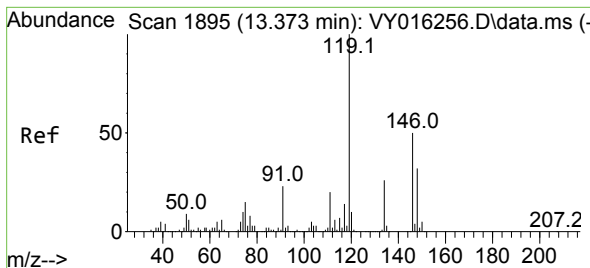
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 22.200 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

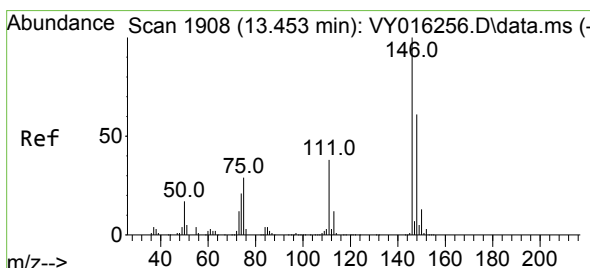
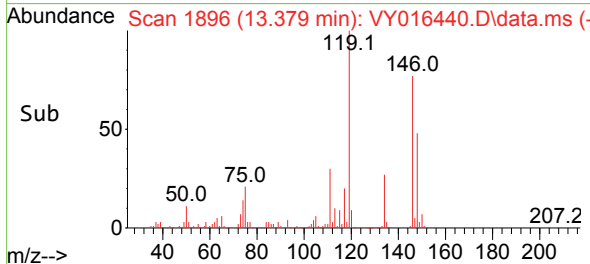
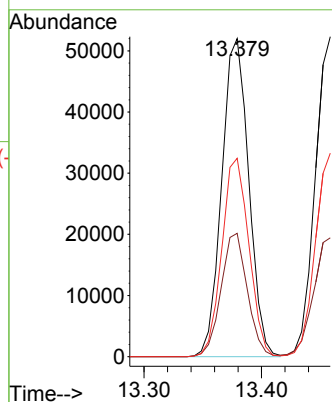
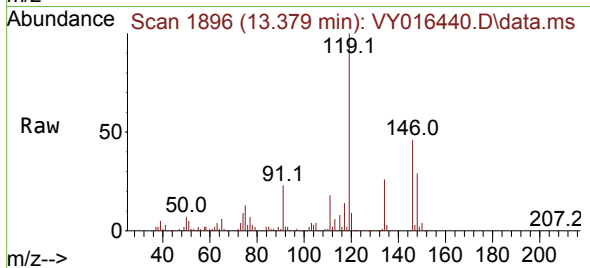
Tgt Ion:146 Resp: 82993

Ion Ratio Lower Upper

146 100

111 38.0 19.4 58.2

148 62.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 22.486 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

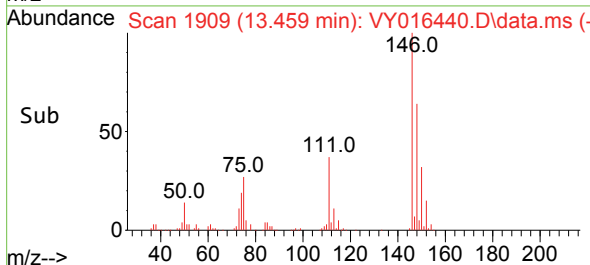
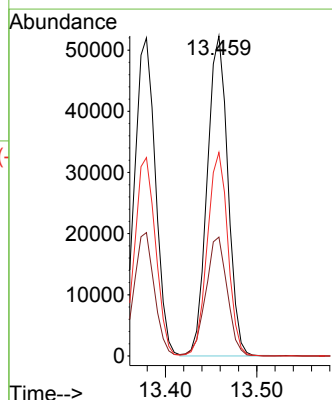
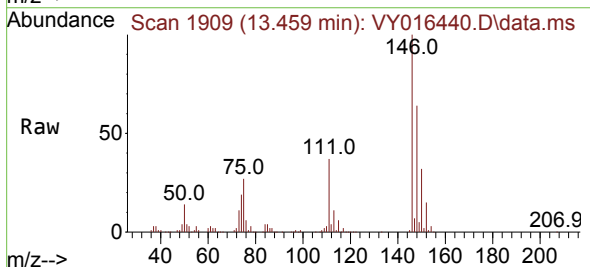
Tgt Ion:146 Resp: 82154

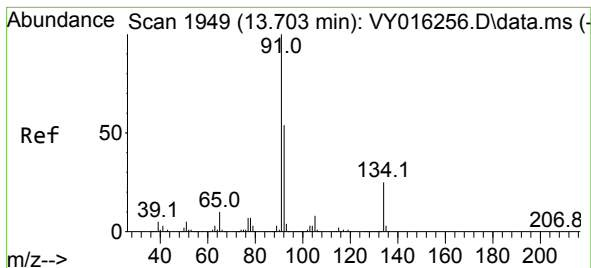
Ion Ratio Lower Upper

146 100

111 38.6 18.9 56.7

148 63.2 32.1 96.5





#89

n-Butylbenzene

Concen: 21.498 ug/l

RT: 13.708 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

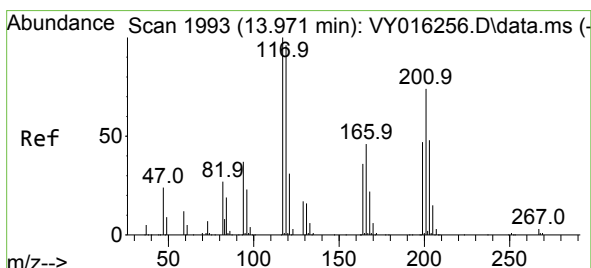
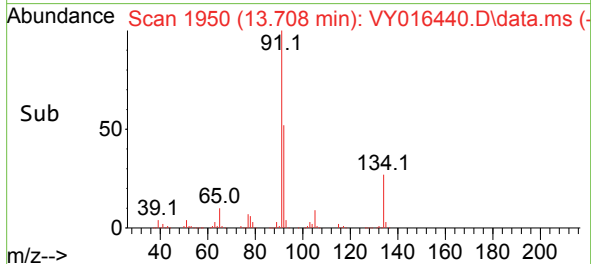
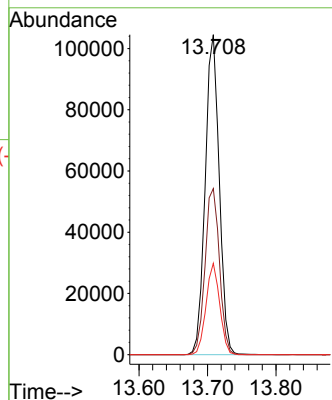
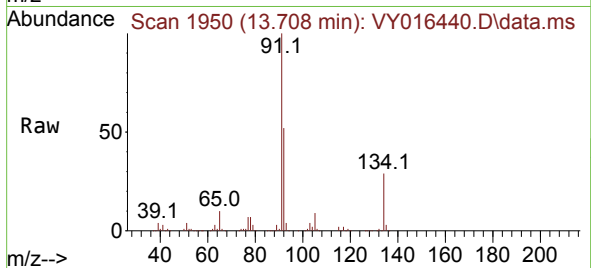
Tgt Ion: 91 Resp: 149122

Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 27.8 12.6 37.6



#90

Hexachloroethane

Concen: 21.374 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016440.D

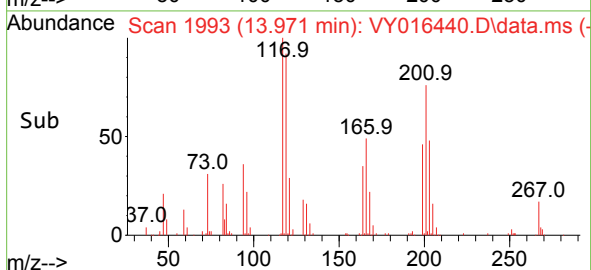
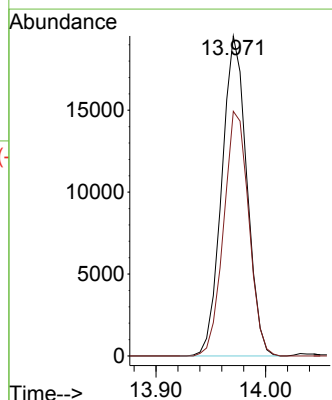
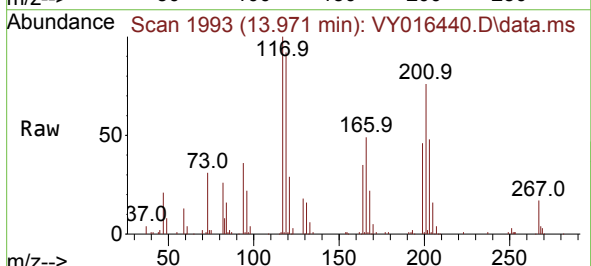
Acq: 21 Nov 2023 16:04

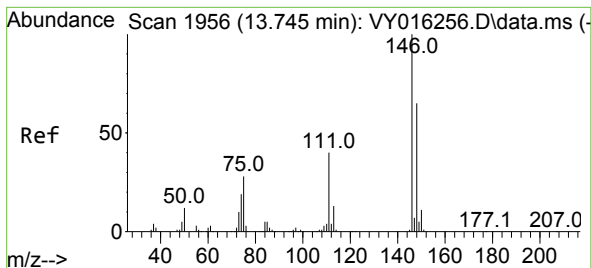
Tgt Ion: 117 Resp: 30969

Ion Ratio Lower Upper

117 100

201 76.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 22.125 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

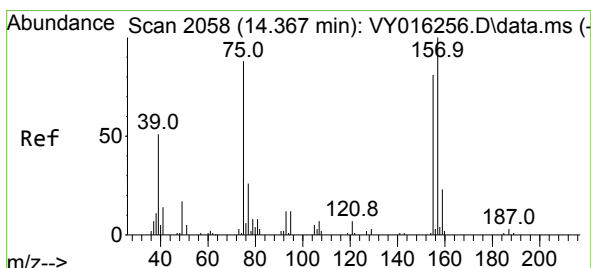
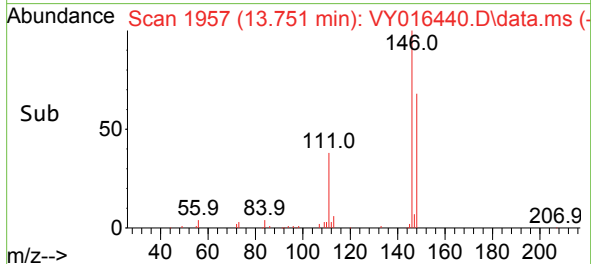
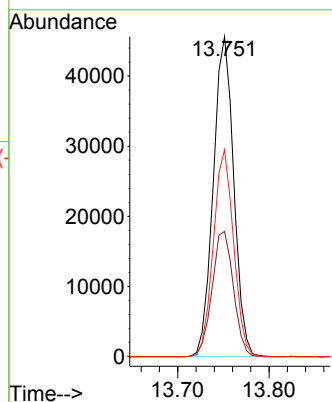
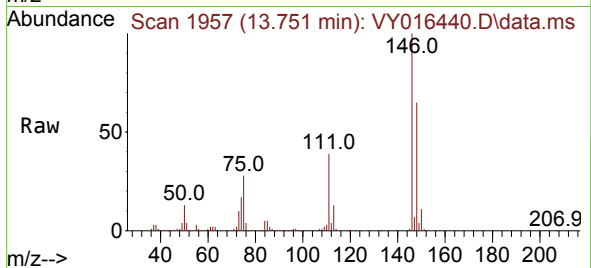
Tgt Ion:146 Resp: 70878

Ion Ratio Lower Upper

146 100

111 40.8 19.7 59.0

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.376 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

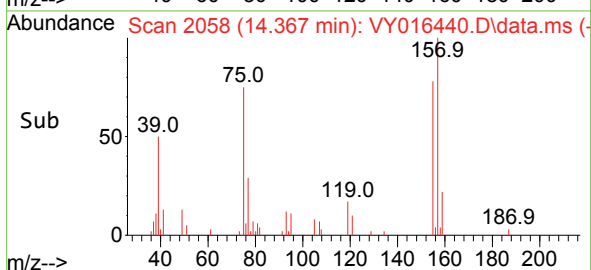
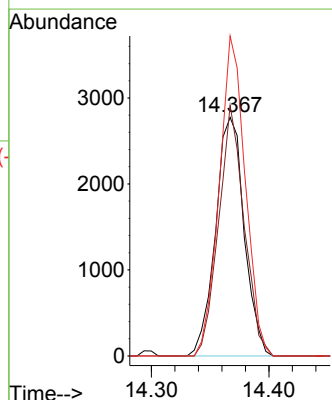
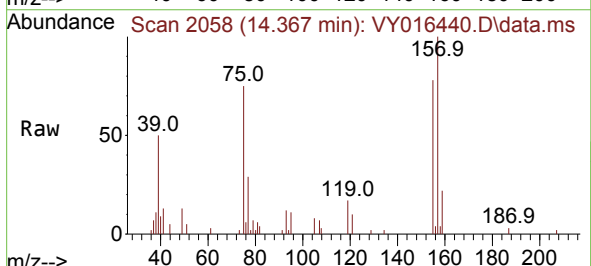
Tgt Ion: 75 Resp: 4692

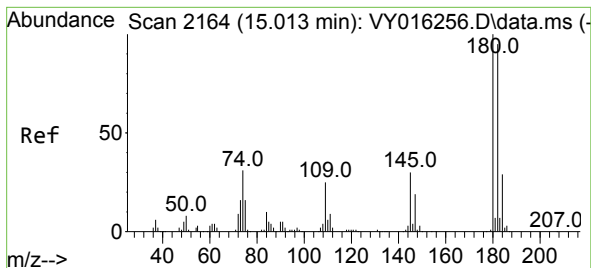
Ion Ratio Lower Upper

75 100

155 93.6 41.5 124.6

157 122.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 22.892 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

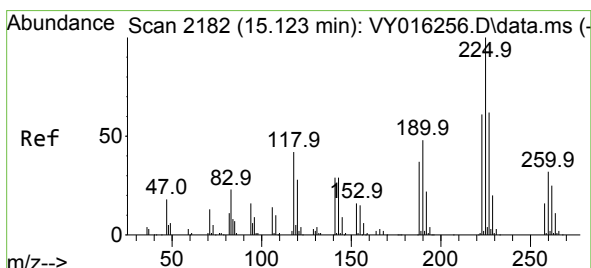
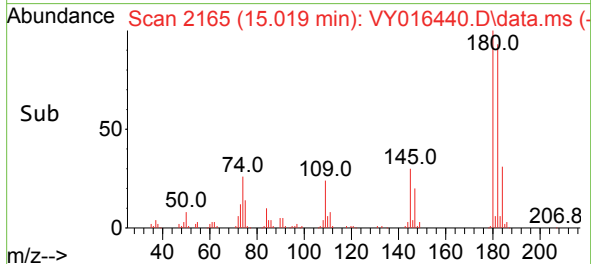
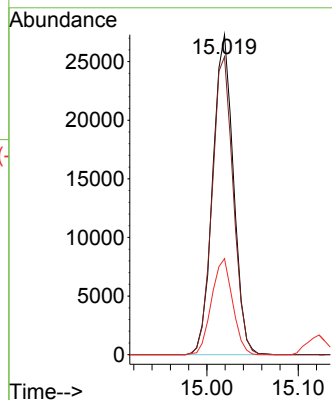
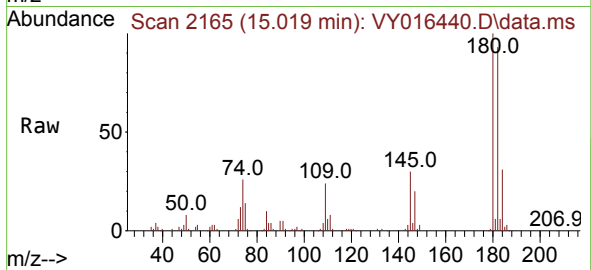
Tgt Ion:180 Resp: 42806

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

145 30.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 23.594 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

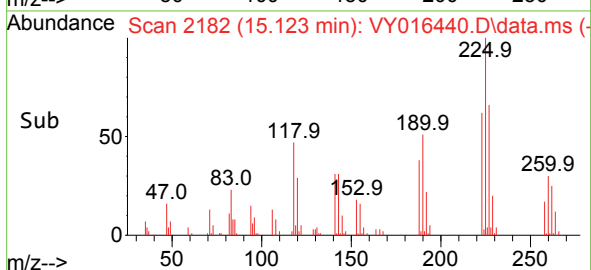
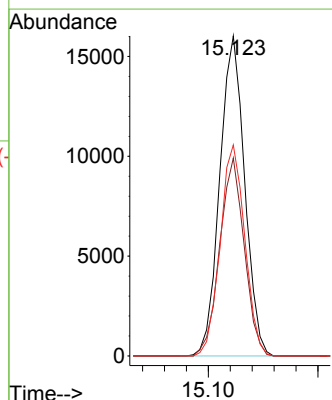
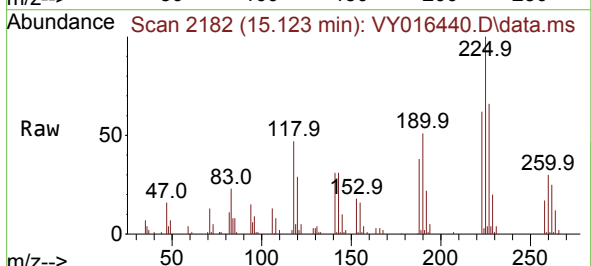
Tgt Ion:225 Resp: 25275

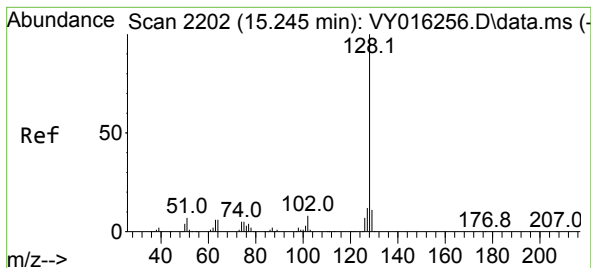
Ion Ratio Lower Upper

225 100

223 60.9 31.9 95.9

227 65.1 33.0 98.9





#95

Naphthalene

Concen: 23.006 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY016440.D

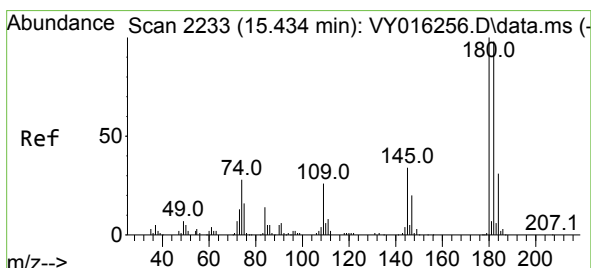
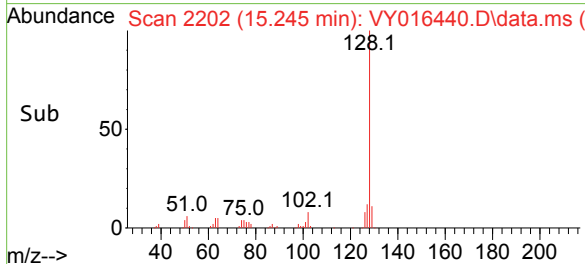
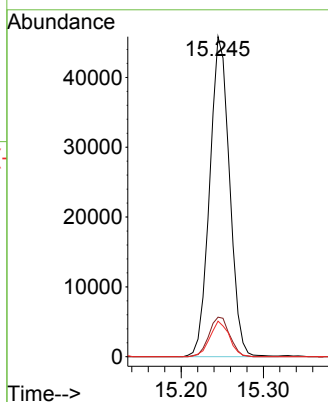
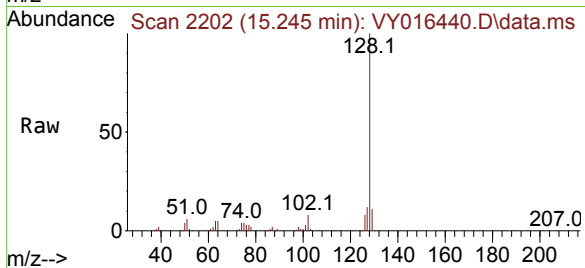
Acq: 21 Nov 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	76940
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.8	16.2
129	10.9	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.670 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016440.D

Acq: 21 Nov 2023 16:04

Tgt Ion:	180	Resp:	35062
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.3	141.8
145	32.0	15.4	46.2

