

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015916.D
 Acq On : 11 Oct 2023 11:43
 Operator : SY/MD
 Sample : VY1011SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 12 01:55:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	178699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	293658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	262054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130358	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80859	50.288	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.580%	
35) Dibromofluoromethane	7.722	113	84104	51.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.700%	
50) Toluene-d8	10.185	98	284322	52.669	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.340%	
62) 4-Bromofluorobenzene	12.483	95	109098	49.757	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	14311	20.022	ug/l	93
3) Chloromethane	2.113	50	12533	17.143	ug/l	98
4) Vinyl Chloride	2.253	62	16937	18.164	ug/l	99
5) Bromomethane	2.644	94	14055	18.382	ug/l	97
6) Chloroethane	2.790	64	12869	17.576	ug/l	97
7) Trichlorofluoromethane	3.125	101	39085	19.754	ug/l	96
8) Diethyl Ether	3.534	74	15750	18.816	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.906	101	27085	20.171	ug/l	94
10) Methyl Iodide	4.095	142	18833	15.592	ug/l	96
11) Tert butyl alcohol	4.960	59	20887	57.651	ug/l #	81
12) 1,1-Dichloroethene	3.875	96	19509	18.889	ug/l	89
13) Acrolein	3.735	56	8738	88.913	ug/l	97
14) Allyl chloride	4.485	41	35579	18.683	ug/l	90
15) Acrylonitrile	5.168	53	53070	92.200	ug/l	98
16) Acetone	3.948	43	61290	83.266	ug/l	94
17) Carbon Disulfide	4.198	76	19155	14.457	ug/l	95
18) Methyl Acetate	4.479	43	36431	16.713	ug/l #	90
19) Methyl tert-butyl Ether	5.228	73	90014	19.232	ug/l	99
20) Methylene Chloride	4.722	84	37747	16.202	ug/l	89
21) trans-1,2-Dichloroethene	5.228	96	22245	18.561	ug/l	94
22) Diisopropyl ether	6.131	45	101978	20.021	ug/l #	88
23) Vinyl Acetate	6.064	43	267755	95.598	ug/l #	94
24) 1,1-Dichloroethane	6.027	63	55424	19.754	ug/l	95
25) 2-Butanone	6.990	43	80215	90.942	ug/l	95
26) 2,2-Dichloropropane	6.990	77	50140	19.216	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	34912	19.737	ug/l	92
28) Bromochloromethane	7.338	49	33813	20.910	ug/l	92
29) Tetrahydrofuran	7.356	42	42617	88.320	ug/l	91
30) Chloroform	7.509	83	63867	20.408	ug/l	99
31) Cyclohexane	7.789	56	30275	17.580	ug/l #	79
32) 1,1,1-Trichloroethane	7.704	97	51550	20.170	ug/l	98
36) 1,1-Dichloropropene	7.923	75	33742	18.600	ug/l	99
37) Ethyl Acetate	7.082	43	29159	18.716	ug/l	96
38) Carbon Tetrachloride	7.905	117	43727	20.071	ug/l	96
39) Methylcyclohexane	9.185	83	33305	18.074	ug/l	96
40) Benzene	8.167	78	110759	19.428	ug/l	100

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Instrument :
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 ClientSampleId :

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	13268	13.692	ug/l #	88
42) 1,2-Dichloroethane	8.240	62	37690	19.394	ug/l	92
43) Isopropyl Acetate	8.277	43	54259	18.814	ug/l	95
44) Trichloroethene	8.941	130	33079	20.052	ug/l	93
45) 1,2-Dichloropropane	9.216	63	34238	19.967	ug/l	100
46) Dibromomethane	9.307	93	19947	19.547	ug/l	96
47) Bromodichloromethane	9.502	83	51753	20.392	ug/l	95
48) Methyl methacrylate	9.295	41	23974	18.824	ug/l	88
49) 1,4-Dioxane	9.301	88	6468	364.626	ug/l #	45
51) 4-Methyl-2-Pentanone	10.075	43	162931	94.429	ug/l	92
52) Toluene	10.246	92	75685	20.000	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	50483	19.676	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	54469	19.544	ug/l #	90
55) 1,1,2-Trichloroethane	10.648	97	33374	20.540	ug/l	98
56) Ethyl methacrylate	10.514	69	42740	19.375	ug/l #	84
57) 1,3-Dichloropropane	10.795	76	52176	19.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	130175	96.818	ug/l	94
59) 2-Hexanone	10.837	43	122086	93.526	ug/l	89
60) Dibromochloromethane	10.990	129	39133	20.090	ug/l	99
61) 1,2-Dibromoethane	11.093	107	28911	19.482	ug/l	99
64) Tetrachloroethene	10.721	164	34125	19.954	ug/l	96
65) Chlorobenzene	11.520	112	93047	20.356	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	38699	20.714	ug/l	98
67) Ethyl Benzene	11.593	91	158782	20.248	ug/l	100
68) m/p-Xylenes	11.703	106	119336	40.386	ug/l	96
69) o-Xylene	12.032	106	59699	20.192	ug/l	98
70) Styrene	12.044	104	106377	20.622	ug/l	96
71) Bromoform	12.209	173	26048	20.021	ug/l #	98
73) Isopropylbenzene	12.331	105	167050	20.315	ug/l	99
74) N-amyl acetate	12.148	43	49888	19.251	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	42309	19.843	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	51904	34.108	ug/l #	100
77) Bromobenzene	12.611	156	40613	20.142	ug/l	98
78) n-propylbenzene	12.672	91	204206	20.650	ug/l	100
79) 2-Chlorotoluene	12.758	91	116213	20.631	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	140125	20.675	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	12428	18.110	ug/l	96
82) 4-Chlorotoluene	12.855	91	120471	20.523	ug/l	99
83) tert-Butylbenzene	13.075	119	132534	20.954	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	140296	20.556	ug/l	98
85) sec-Butylbenzene	13.258	105	192389	20.740	ug/l	100
86) p-Isopropyltoluene	13.373	119	160172	20.873	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	83468	20.561	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	83539	20.435	ug/l	99
89) n-Butylbenzene	13.696	91	154101	21.221	ug/l	97
90) Hexachloroethane	13.965	117	31547	20.485	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	78085	20.694	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6905	18.440	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	49275	20.376	ug/l	98
94) Hexachlorobutadiene	15.117	225	26882	20.759	ug/l	99
95) Naphthalene	15.239	128	108337	19.365	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	43917	20.415	ug/l	99

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

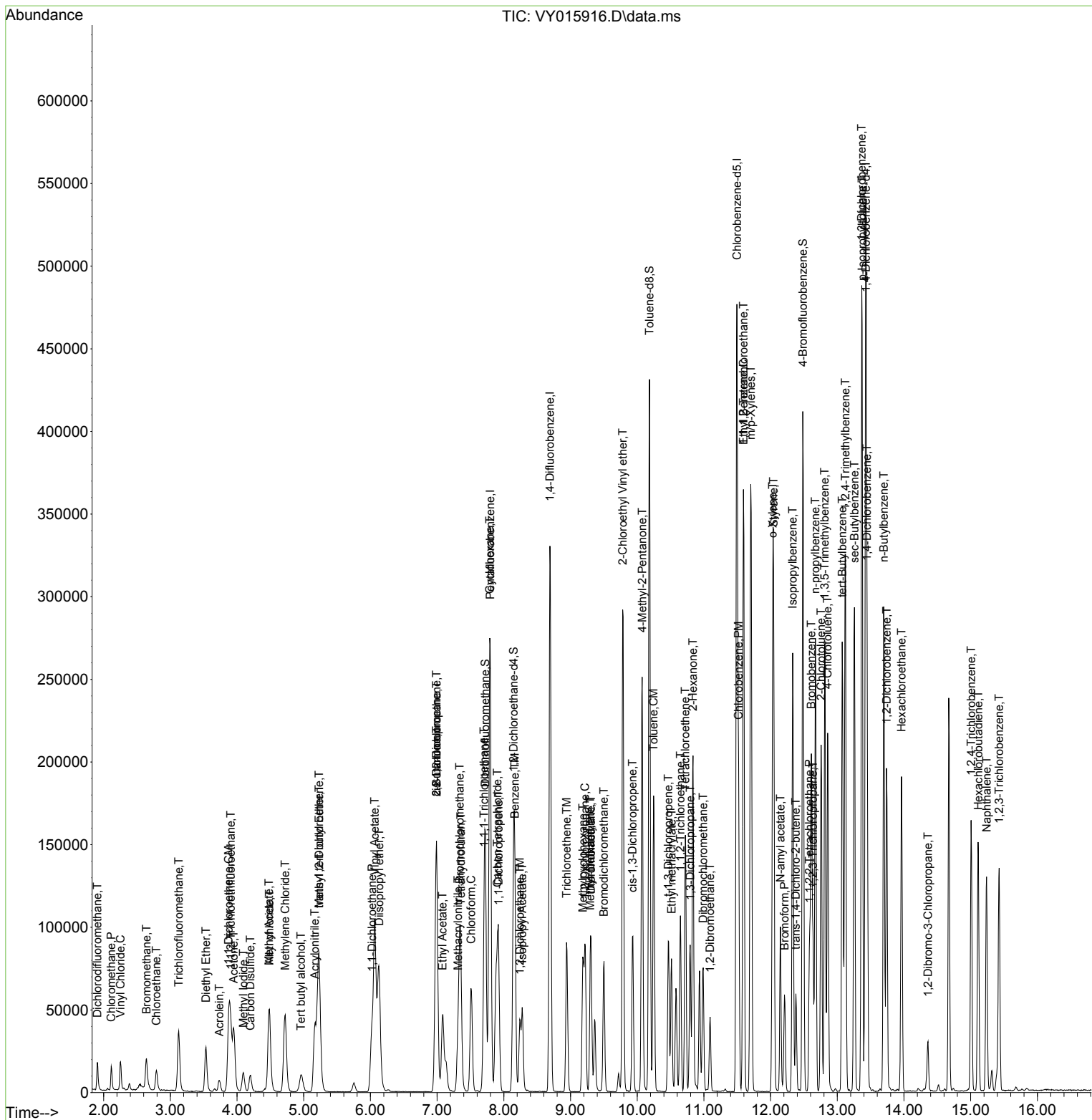
Instrument :
MSVOA_Y
ClientSampleId :

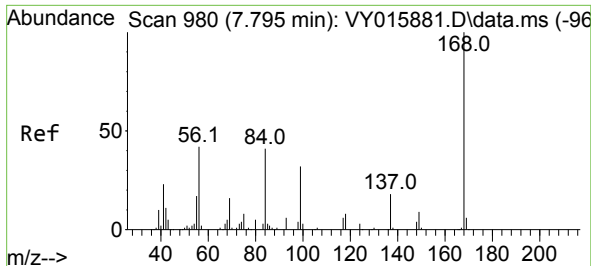
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Quant Title : SW846 8260
QLast Update : Tue Oct 10 07:06:18 2023
Response via : Initial Calibration

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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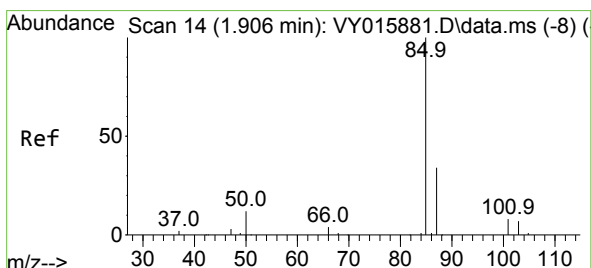
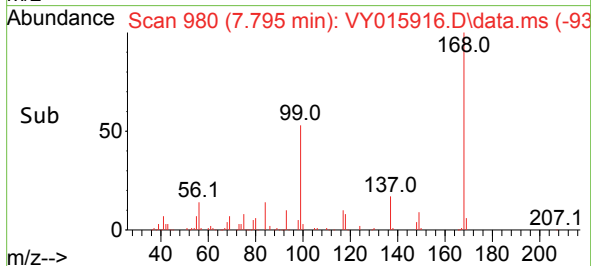
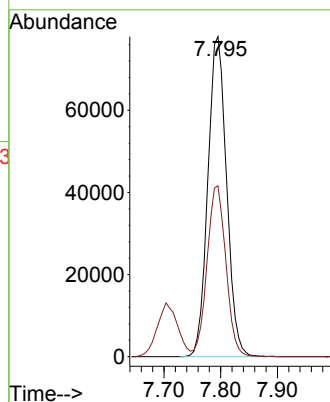
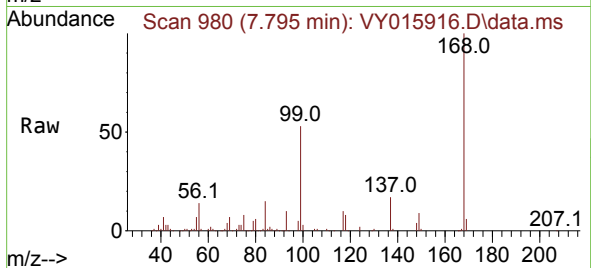




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

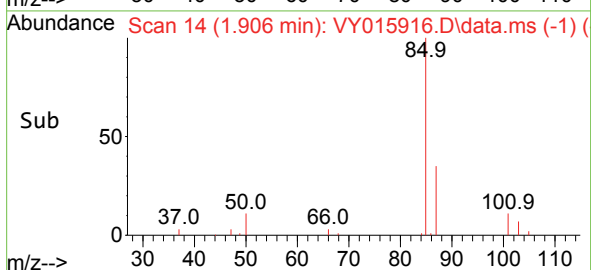
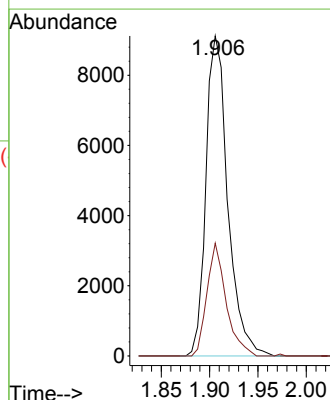
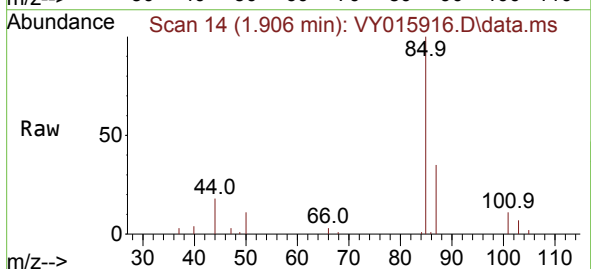
Instrument :
MSVOA_Y
ClientSampleId :

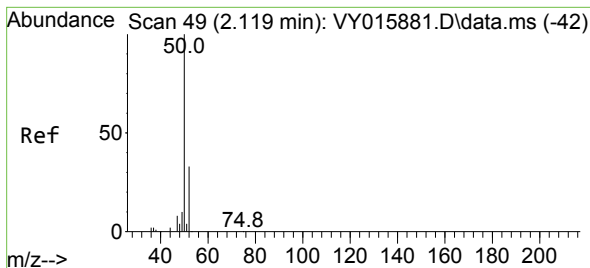
Tgt Ion:168 Resp: 178699
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 20.022 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Tgt Ion: 85 Resp: 14311
Ion Ratio Lower Upper
85 100
87 35.2 15.6 46.8





#3

Chloromethane

Concen: 17.143 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

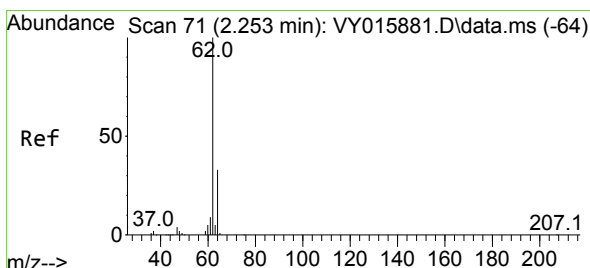
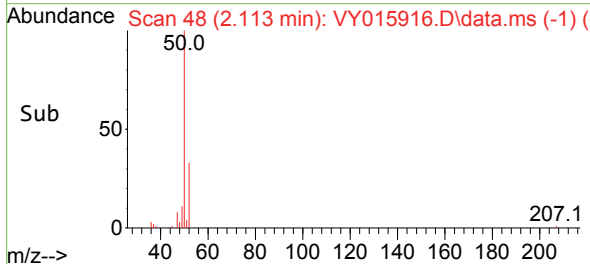
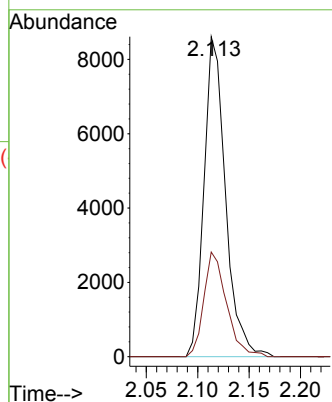
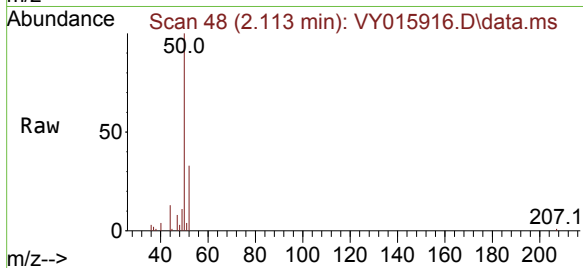
ClientSampleId :

Tgt Ion: 50 Resp: 12533

Ion Ratio Lower Upper

50 100

52 32.7 25.4 38.2



#4

Vinyl Chloride

Concen: 18.164 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY015916.D

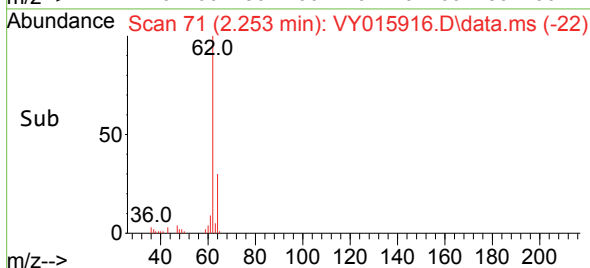
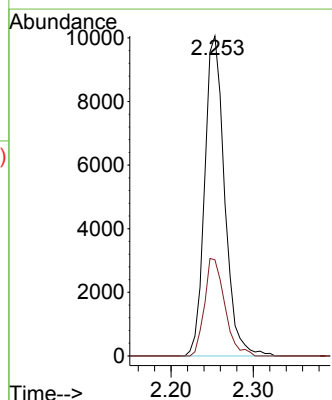
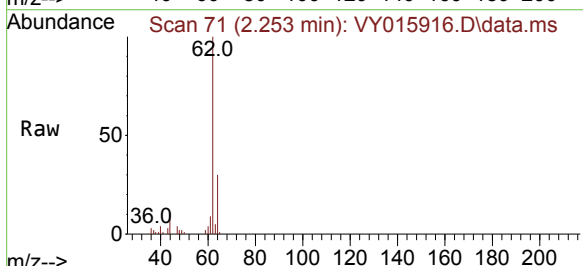
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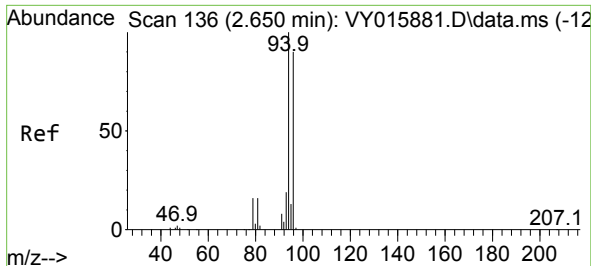
Tgt Ion: 62 Resp: 16937

Ion Ratio Lower Upper

62 100

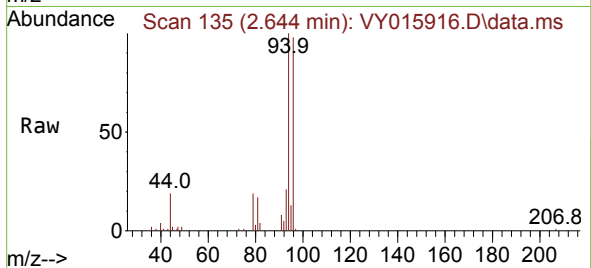
64 30.1 24.3 36.5



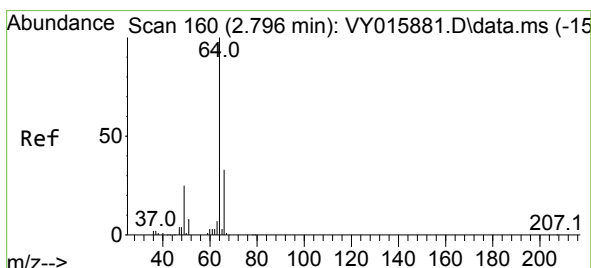
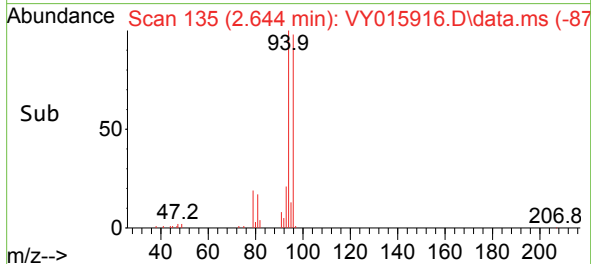
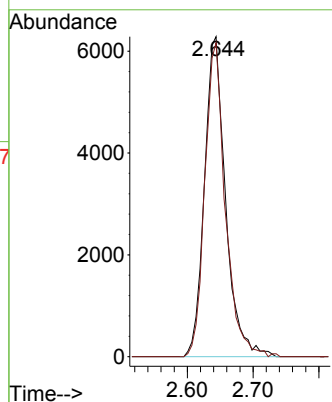


#5
Bromomethane
Concen: 18.382 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :

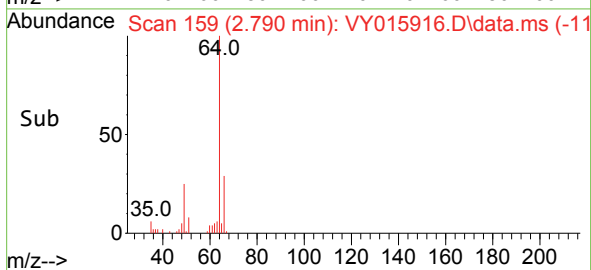
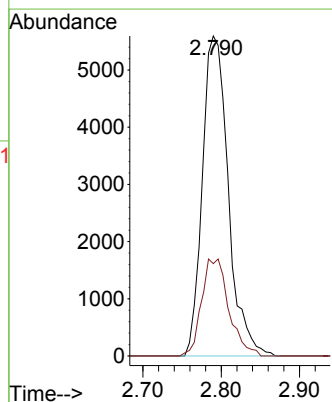
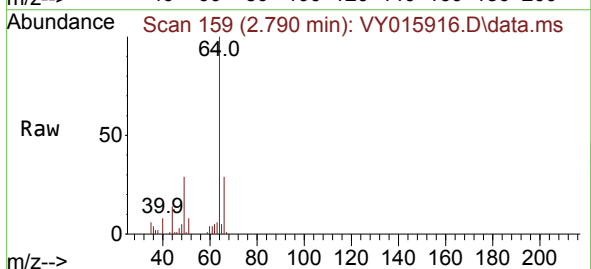


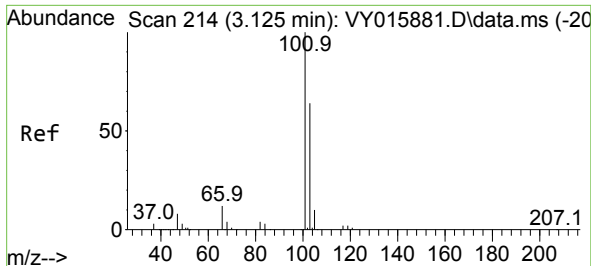
Tgt Ion: 94 Resp: 14055
Ion Ratio Lower Upper
94 100
96 98.0 75.8 113.6



#6
Chloroethane
Concen: 17.576 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Tgt Ion: 64 Resp: 12869
Ion Ratio Lower Upper
64 100
66 28.9 24.4 36.6

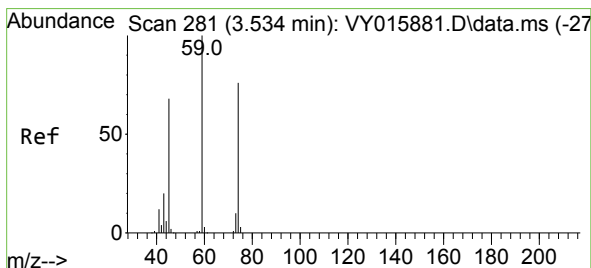
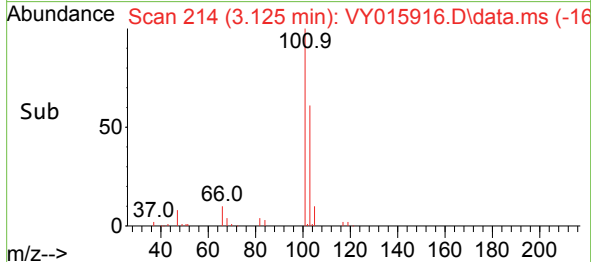
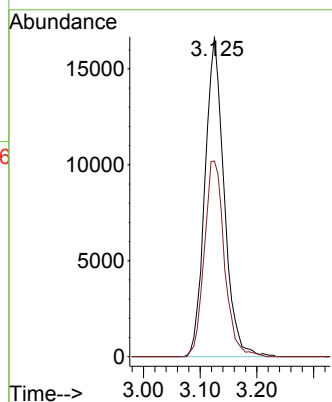
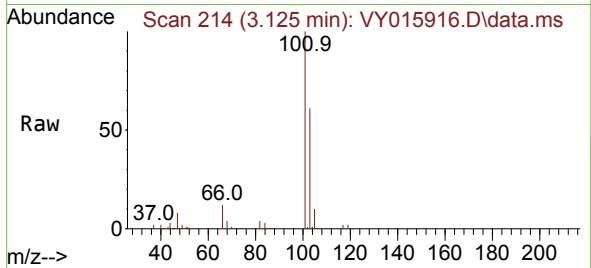




#7
Trichlorofluoromethane
Concen: 19.754 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

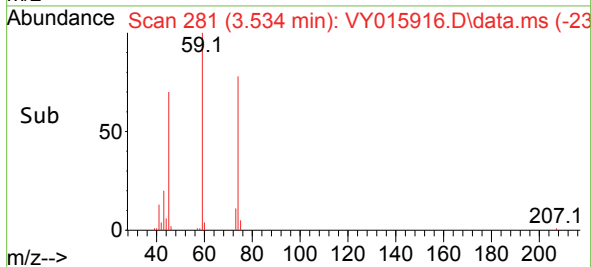
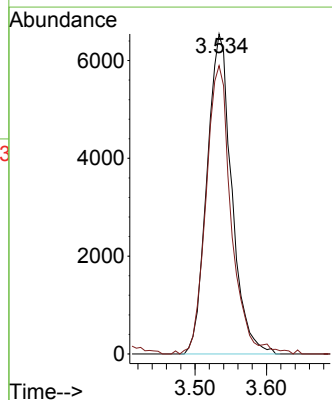
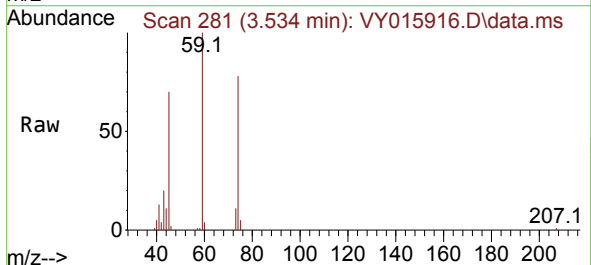
Instrument :
MSVOA_Y
ClientSampleId :

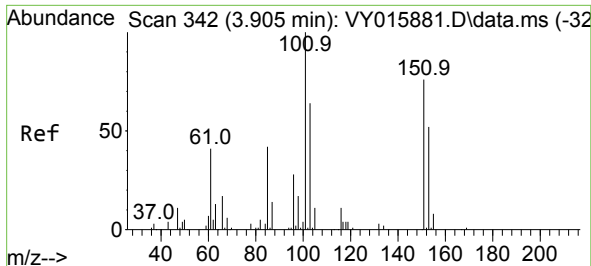
Tgt Ion:101 Resp: 39085
Ion Ratio Lower Upper
101 100
103 61.1 51.4 77.0



#8
Diethyl Ether
Concen: 18.816 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Tgt Ion: 74 Resp: 15750
Ion Ratio Lower Upper
74 100
45 91.7 51.5 154.5

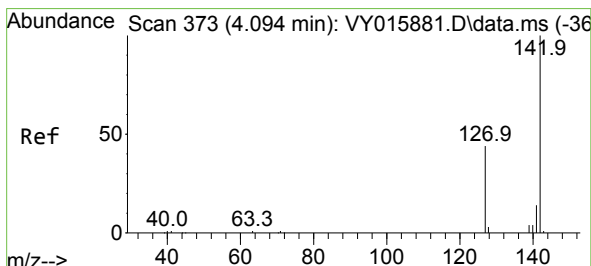
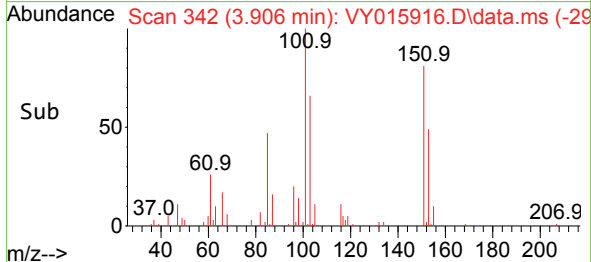
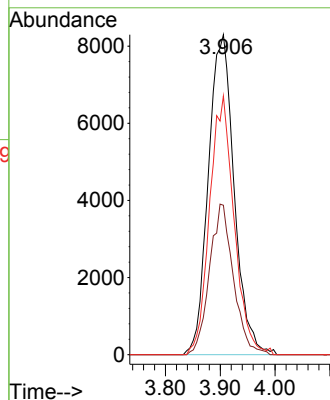
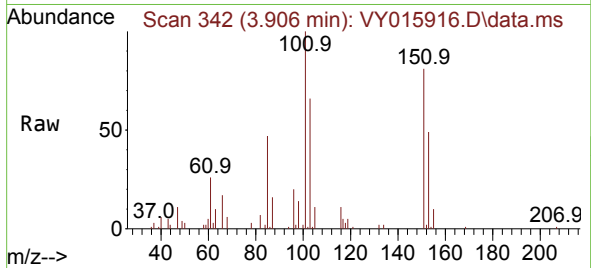




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.171 ug/l
RT: 3.906 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

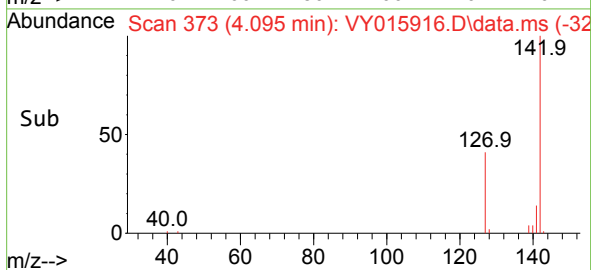
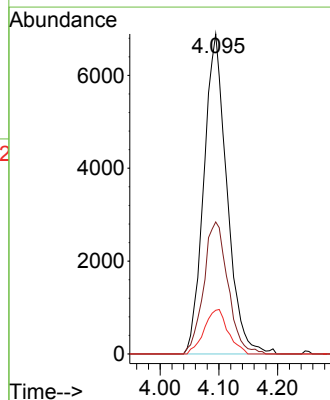
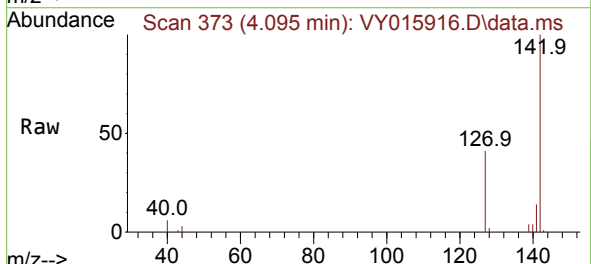
Instrument :
MSVOA_Y
ClientSampleId :

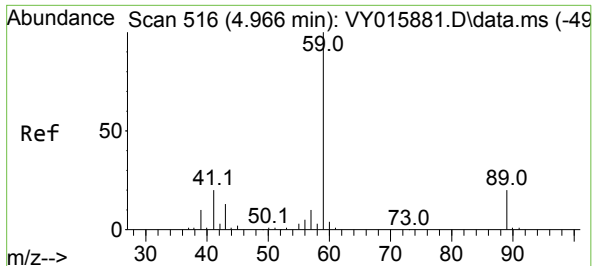
Tgt Ion:101 Resp: 27085
Ion Ratio Lower Upper
101 100
85 43.7 36.6 55.0
151 76.8 67.0 100.6



#10
Methyl Iodide
Concen: 15.592 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.001 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Tgt Ion:142 Resp: 18833
Ion Ratio Lower Upper
142 100
127 43.4 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 57.651 ug/l

RT: 4.960 min Scan# 516

Delta R.T. -0.006 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

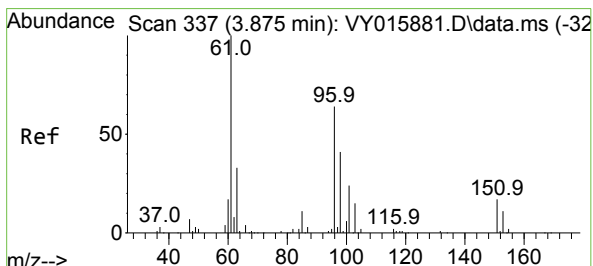
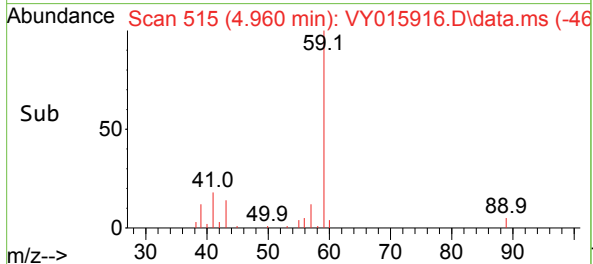
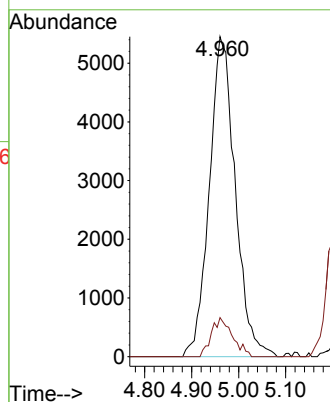
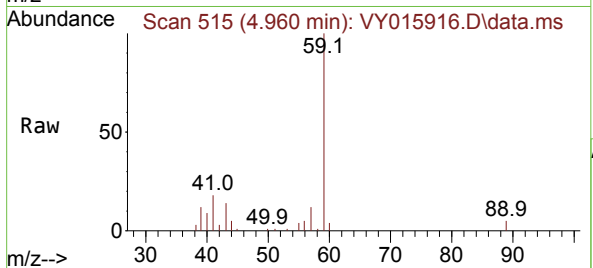
ClientSampleId :

Tgt Ion: 59 Resp: 20887

Ion Ratio Lower Upper

59 100

57 9.9 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 18.889 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

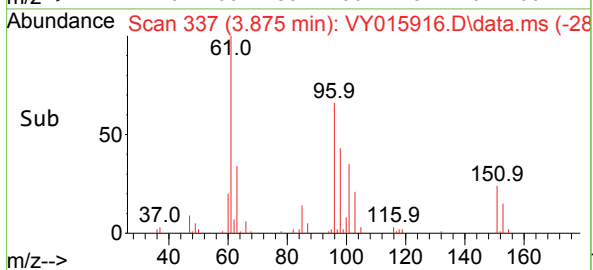
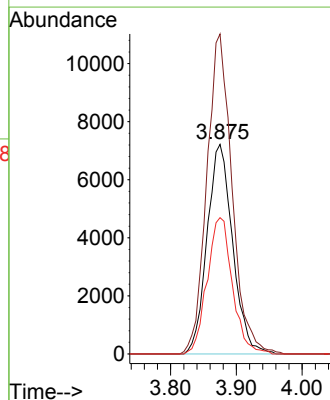
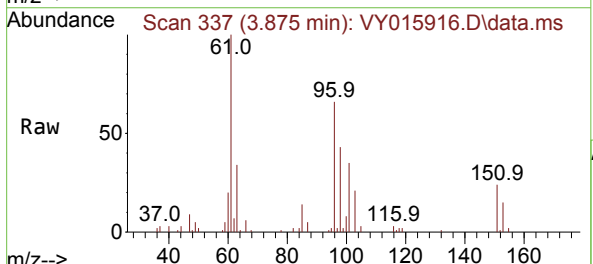
Tgt Ion: 96 Resp: 19509

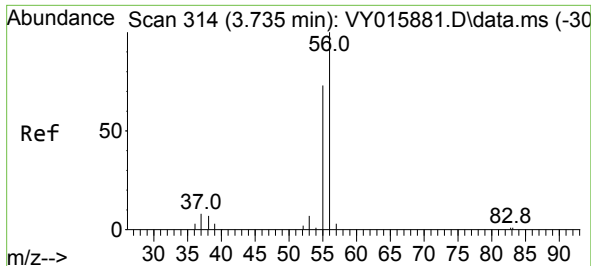
Ion Ratio Lower Upper

96 100

61 152.7 136.4 204.6

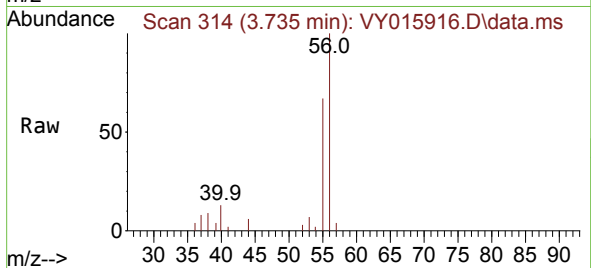
98 65.0 49.4 74.2



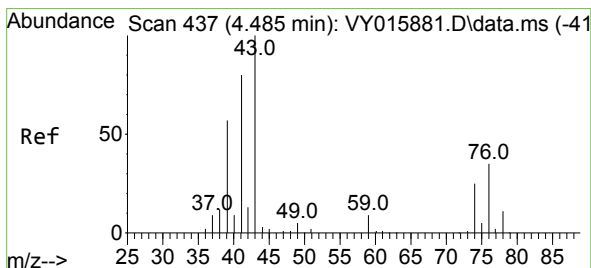
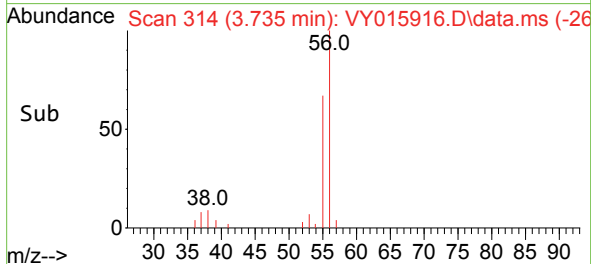
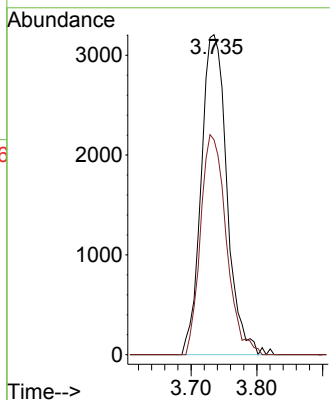


#13
Acrolein
Concen: 88.913 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :

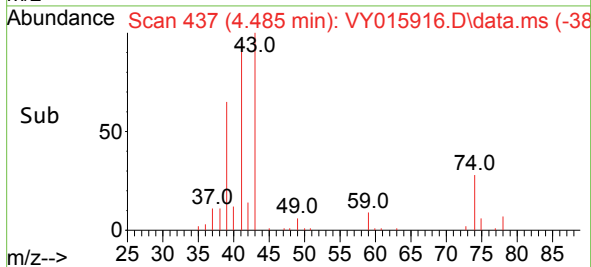
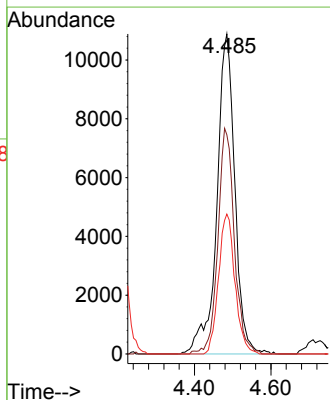
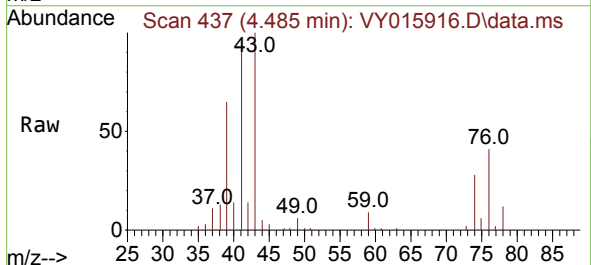


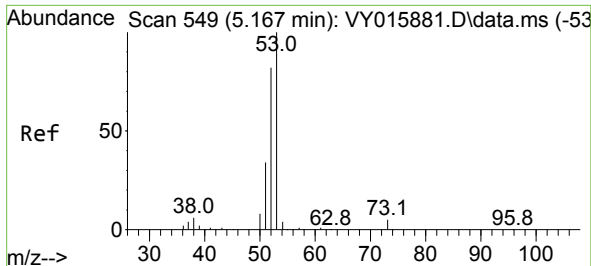
Tgt Ion: 56 Resp: 8738
Ion Ratio Lower Upper
56 100
55 68.7 57.0 85.4



#14
Allyl chloride
Concen: 18.683 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

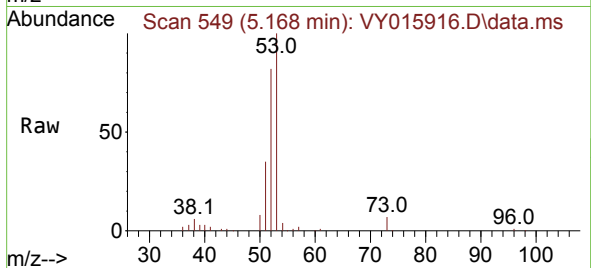
Tgt Ion: 41 Resp: 35579
Ion Ratio Lower Upper
41 100
39 64.3 58.0 87.0
76 39.9 27.4 41.2



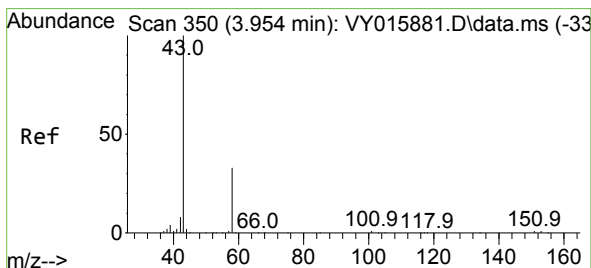
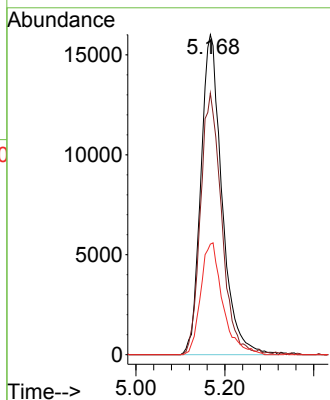
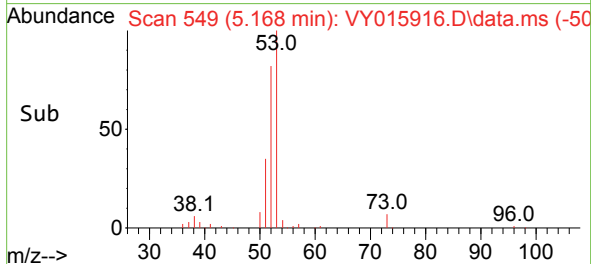


#15
Acrylonitrile
Concen: 92.200 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :

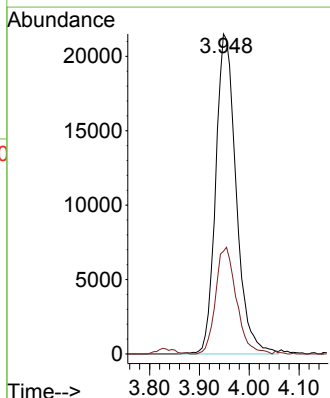
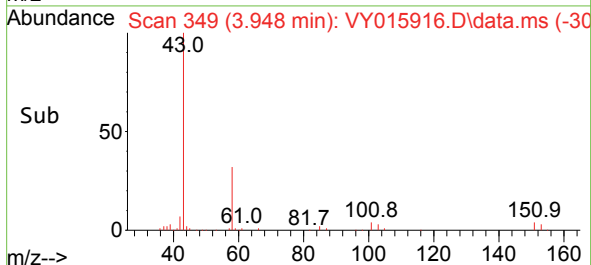
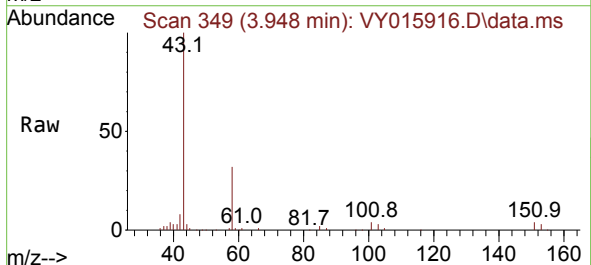


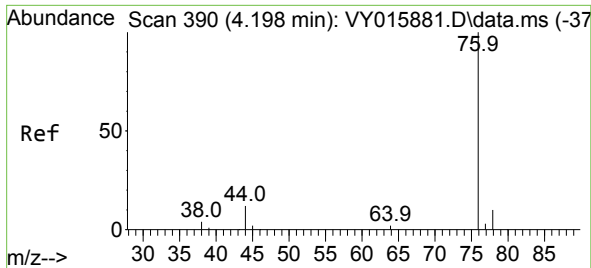
Tgt Ion: 53 Resp: 53070
Ion Ratio Lower Upper
53 100
52 81.8 66.9 100.3
51 36.3 29.8 44.6



#16
Acetone
Concen: 83.266 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

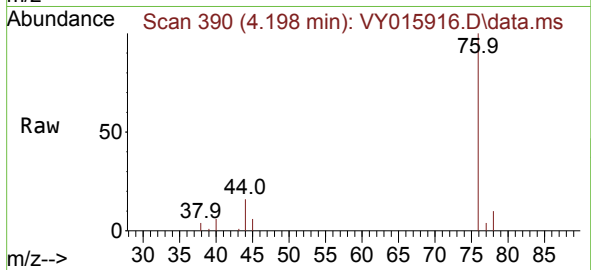
Tgt Ion: 43 Resp: 61290
Ion Ratio Lower Upper
43 100
58 31.7 22.7 34.1



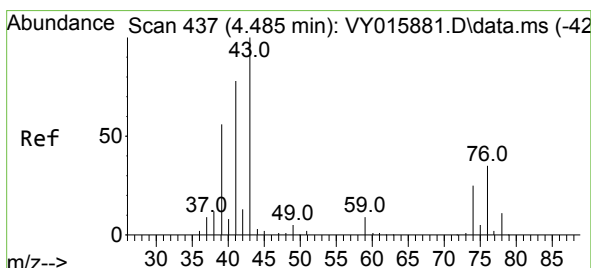
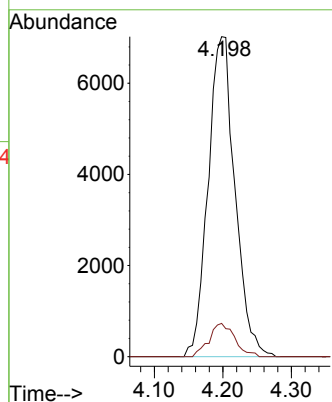
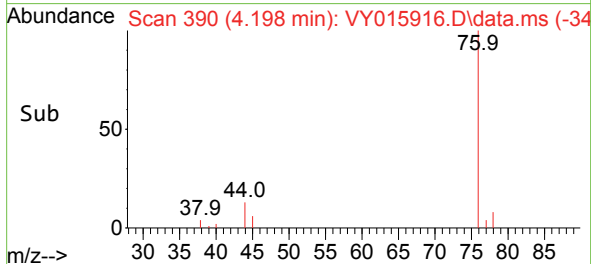


#17
Carbon Disulfide
Concen: 14.457 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :

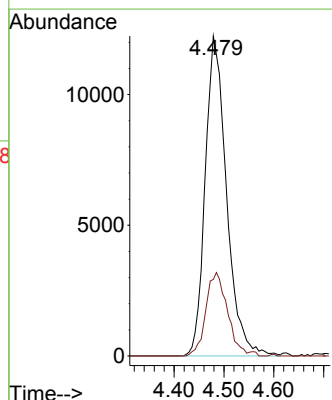
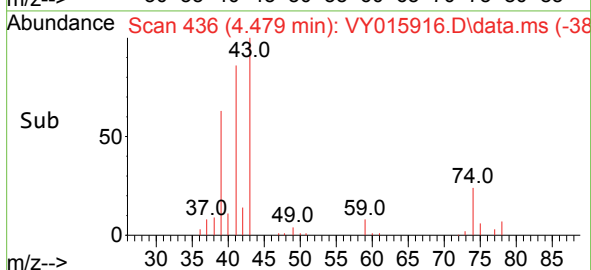
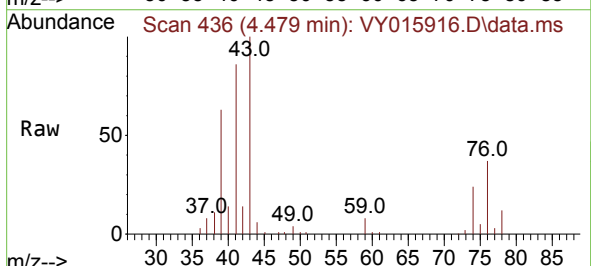


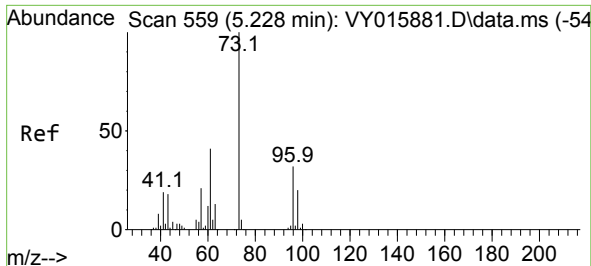
Tgt Ion: 76 Resp: 19155
Ion Ratio Lower Upper
76 100
78 10.4 7.0 10.4



#18
Methyl Acetate
Concen: 16.713 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Tgt Ion: 43 Resp: 36431
Ion Ratio Lower Upper
43 100
74 26.6 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 19.232 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

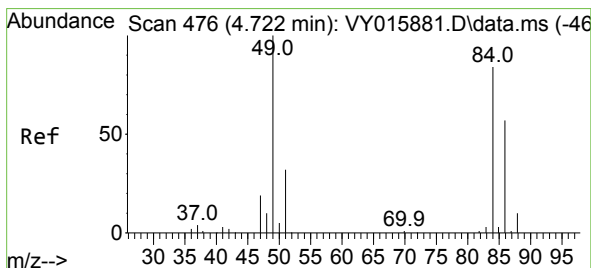
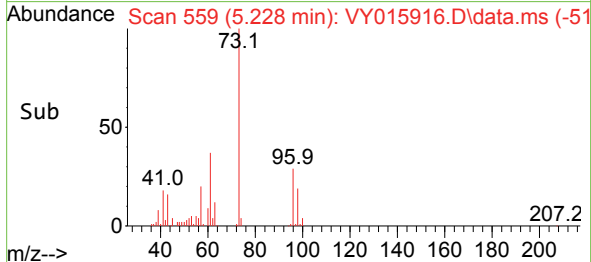
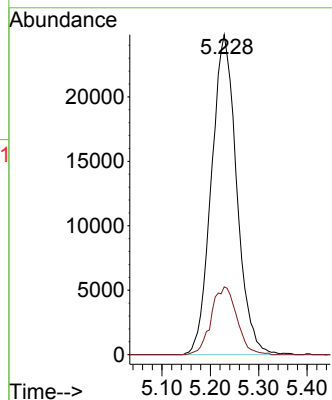
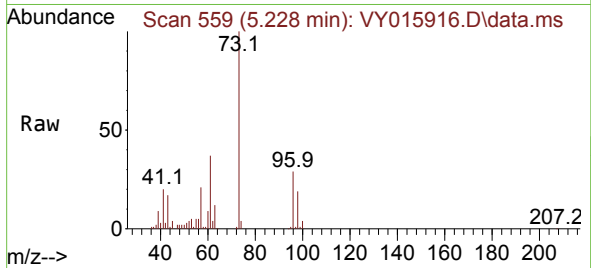
ClientSampleId :

Tgt Ion: 73 Resp: 90014

Ion Ratio Lower Upper

73 100

57 21.2 17.3 25.9



#20

Methylene Chloride

Concen: 16.202 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Tgt Ion: 84 Resp: 37747

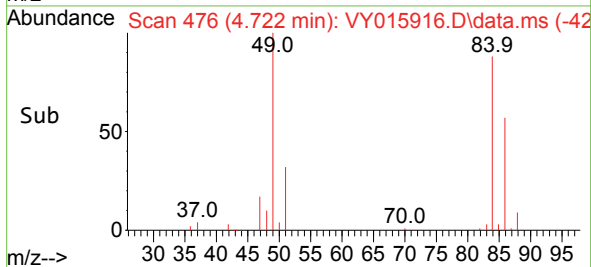
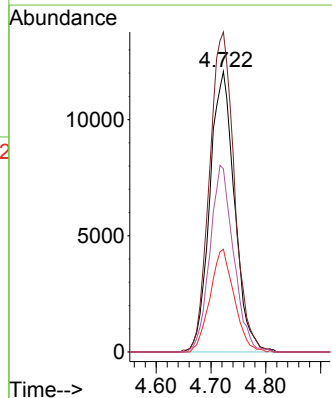
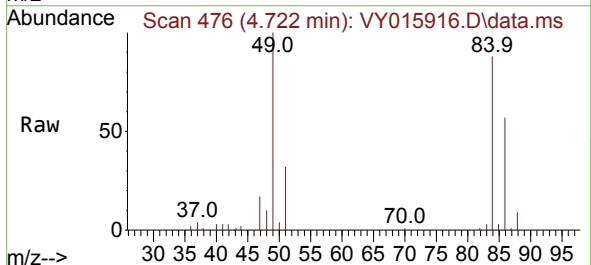
Ion Ratio Lower Upper

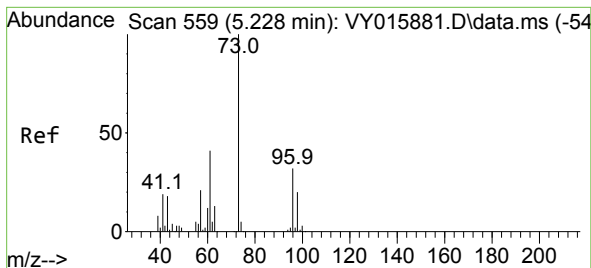
84 100

49 114.1 106.9 160.3

51 36.6 33.2 49.8

86 65.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.561 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.000 min

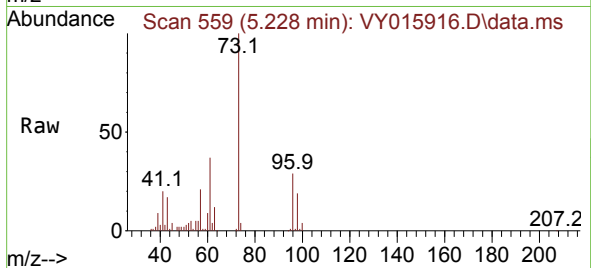
Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :



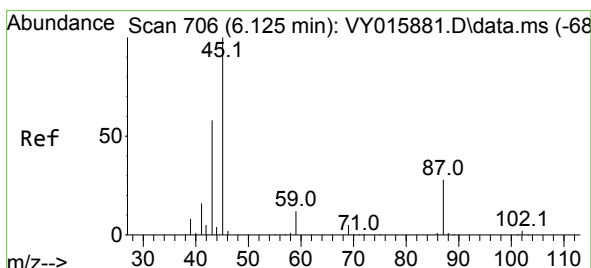
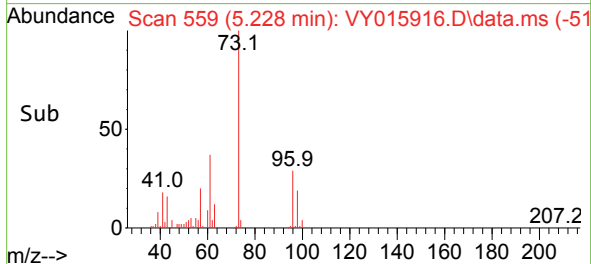
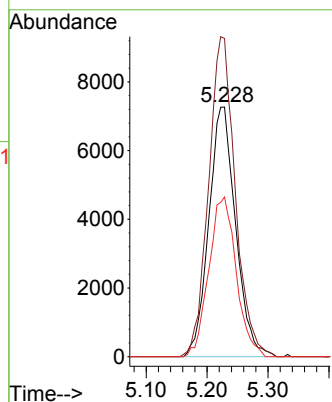
Tgt Ion: 96 Resp: 22245

Ion Ratio Lower Upper

96 100

61 127.5 110.2 165.4

98 64.0 51.8 77.6



#22

Diisopropyl ether

Concen: 20.021 ug/l

RT: 6.131 min Scan# 707

Delta R.T. 0.006 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Tgt Ion: 45 Resp: 101978

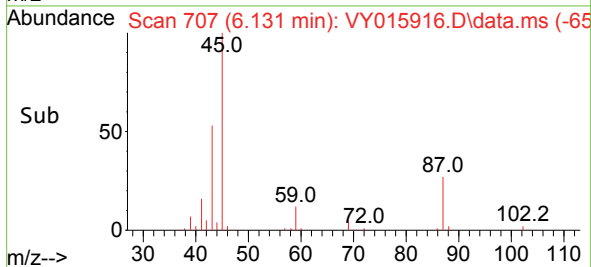
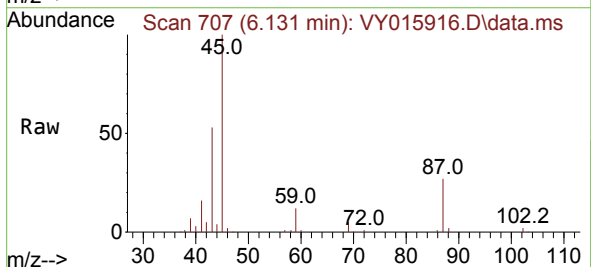
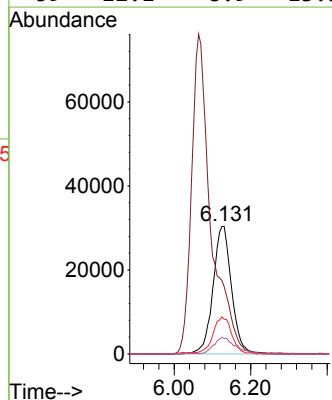
Ion Ratio Lower Upper

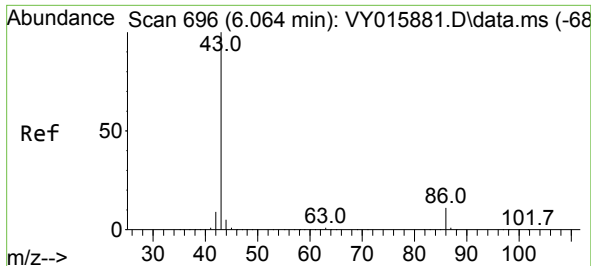
45 100

43 51.8 52.2 78.4#

87 27.2 21.0 31.6

59 12.1 8.9 13.3

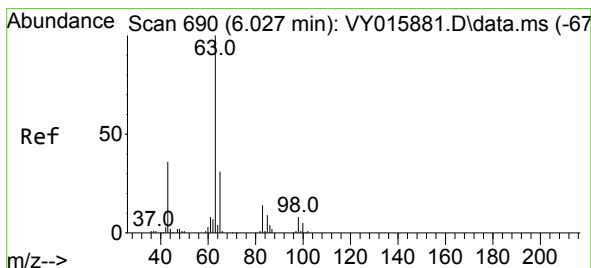
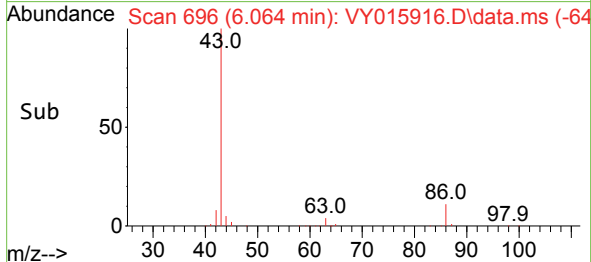
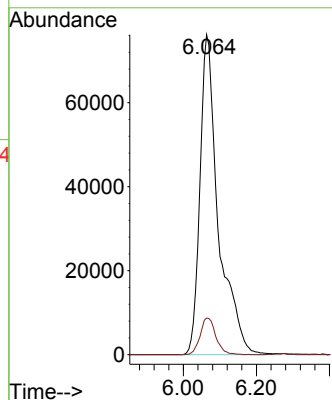
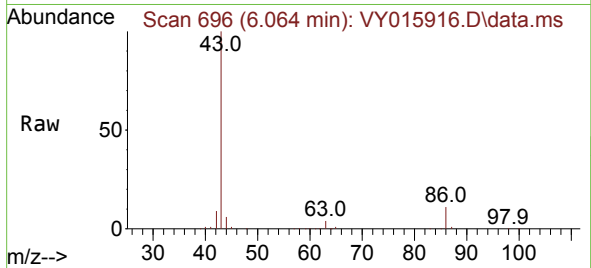




#23
 Vinyl Acetate
 Concen: 95.598 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY015916.D
 Acq: 11 Oct 2023 11:43

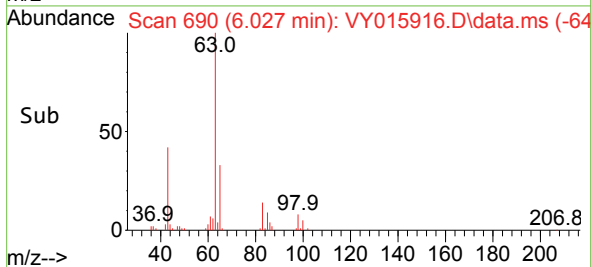
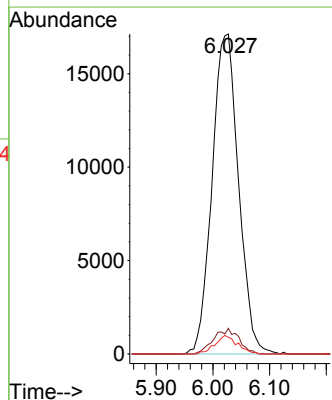
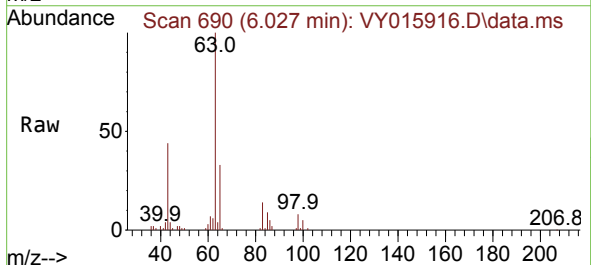
Instrument :
 MSVOA_Y
 ClientSampleId :

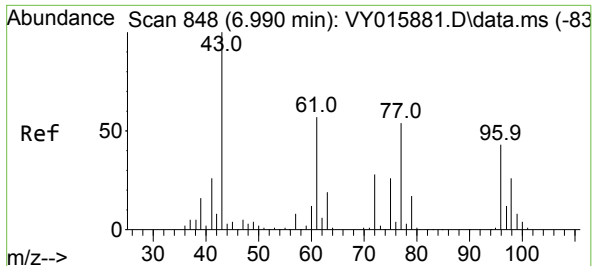
Tgt Ion: 43 Resp: 267755
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.754 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY015916.D
 Acq: 11 Oct 2023 11:43

Tgt Ion: 63 Resp: 55424
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.1 9.4
 100 5.2 1.8 5.5





#25

2-Butanone

Concen: 90.942 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

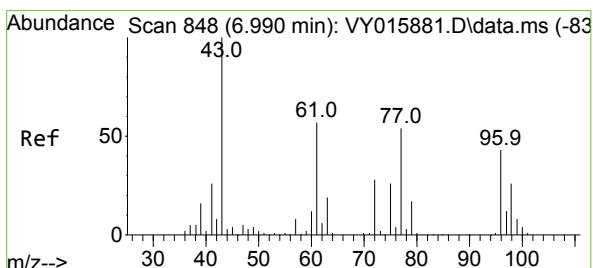
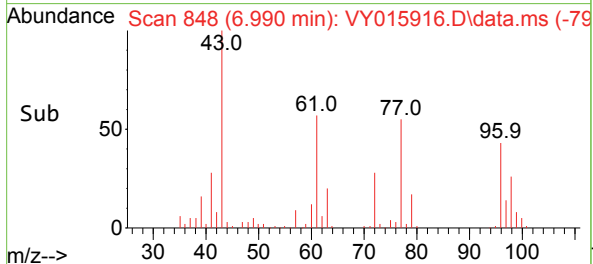
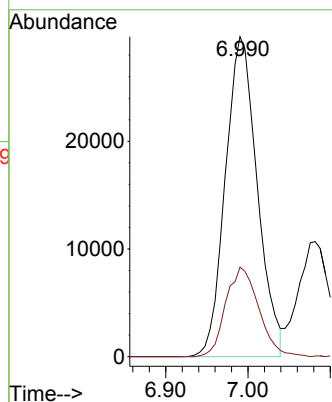
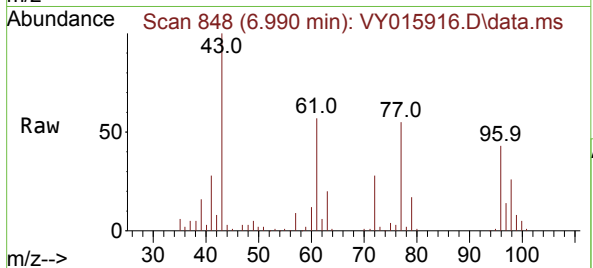
ClientSampleId :

Tgt Ion: 43 Resp: 80215

Ion Ratio Lower Upper

43 100

72 28.0 20.5 30.7



#26

2,2-Dichloropropane

Concen: 19.216 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY015916.D

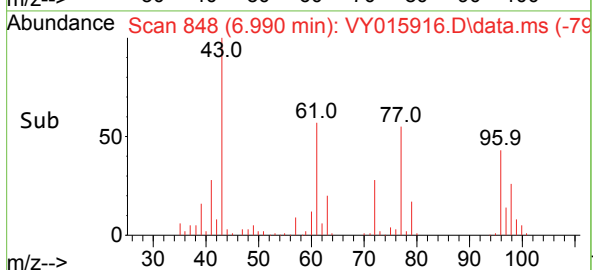
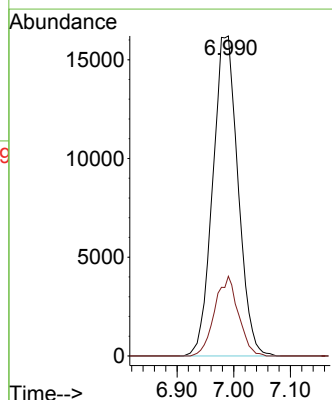
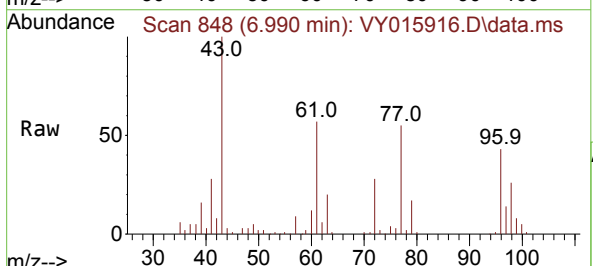
Acq: 11 Oct 2023 11:43

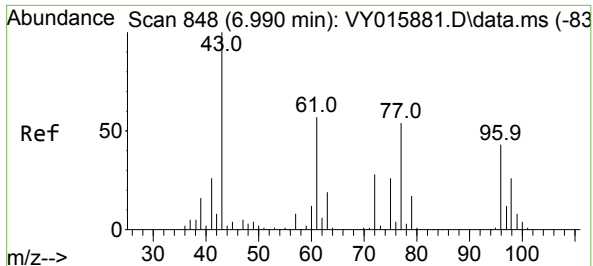
Tgt Ion: 77 Resp: 50140

Ion Ratio Lower Upper

77 100

97 23.3 10.9 32.9

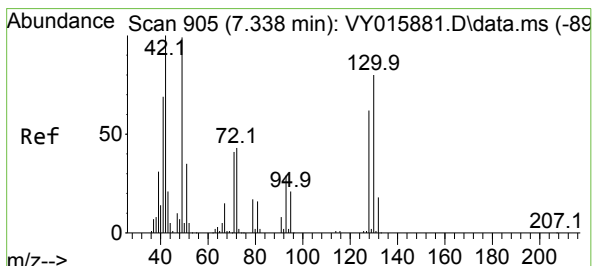
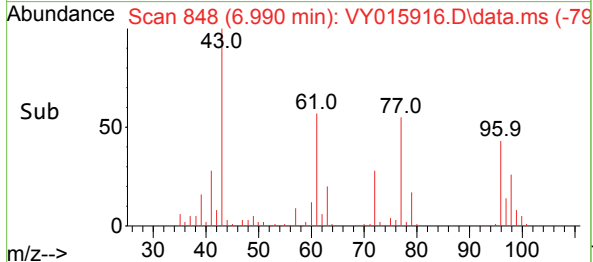
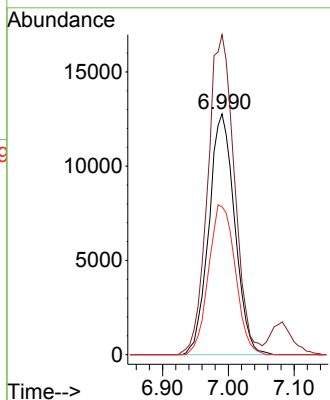
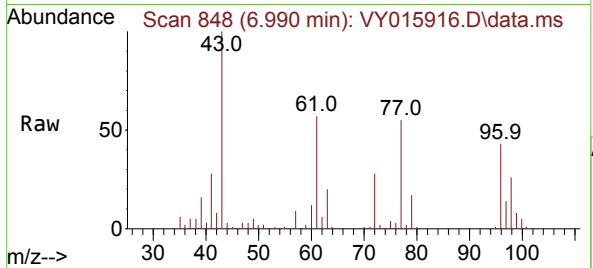




#27
 cis-1,2-Dichloroethene
 Concen: 19.737 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY015916.D
 Acq: 11 Oct 2023 11:43

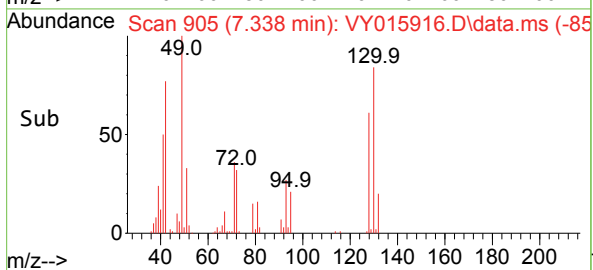
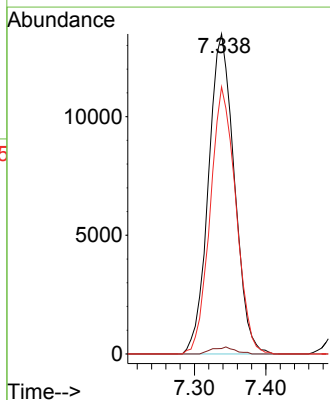
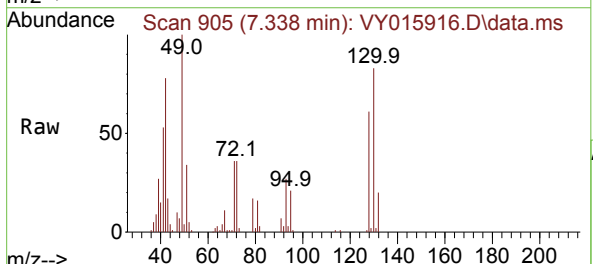
Instrument :
 MSVOA_Y
 ClientSampleId :

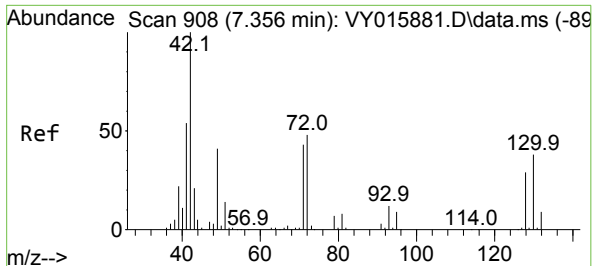
Tgt Ion: 96 Resp: 34912
 Ion Ratio Lower Upper
 96 100
 61 137.6 0.0 301.4
 98 64.3 0.0 130.4



#28
 Bromochloromethane
 Concen: 20.910 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY015916.D
 Acq: 11 Oct 2023 11:43

Tgt Ion: 49 Resp: 33813
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 82.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 88.320 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

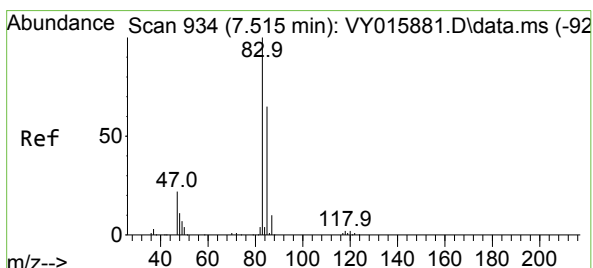
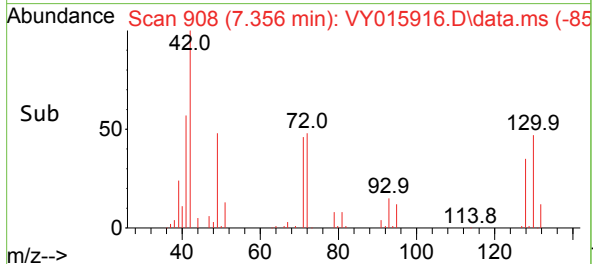
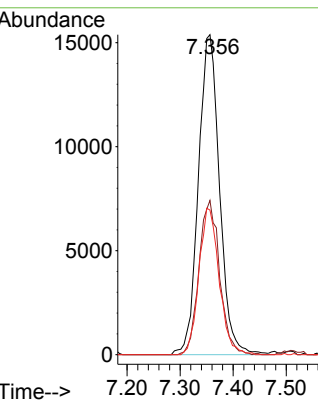
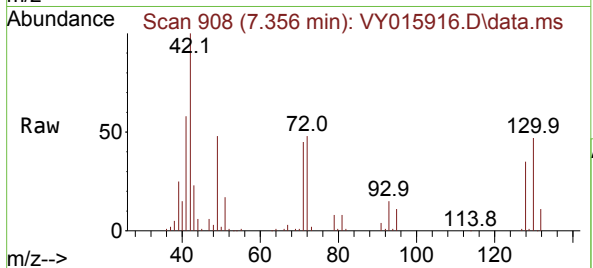
Tgt Ion: 42 Resp: 42617

Ion Ratio Lower Upper

42 100

72 47.0 32.8 49.2

71 43.8 31.0 46.4



#30

Chloroform

Concen: 20.408 ug/l

RT: 7.509 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY015916.D

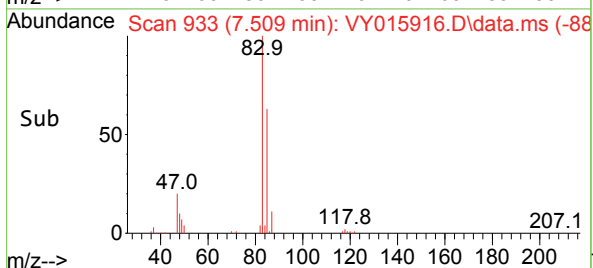
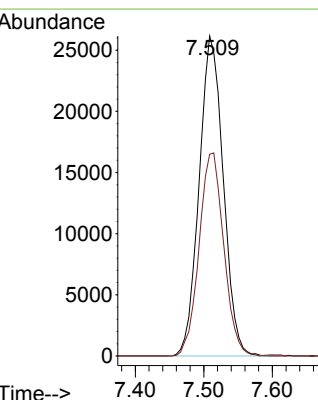
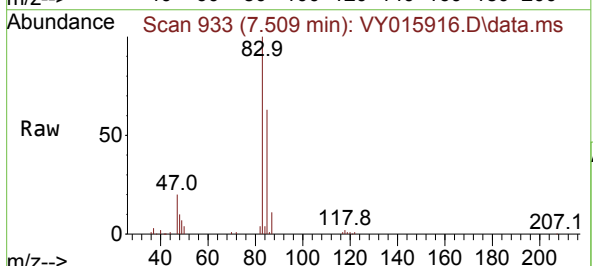
Acq: 11 Oct 2023 11:43

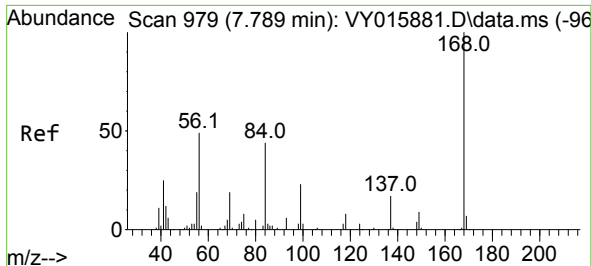
Tgt Ion: 83 Resp: 63867

Ion Ratio Lower Upper

83 100

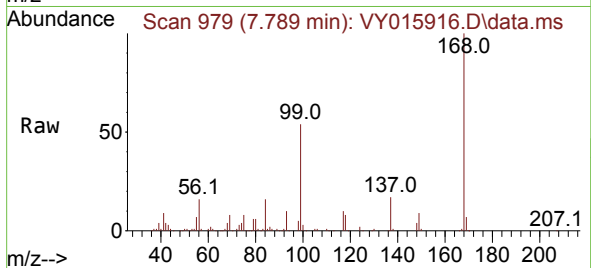
85 63.1 49.7 74.5



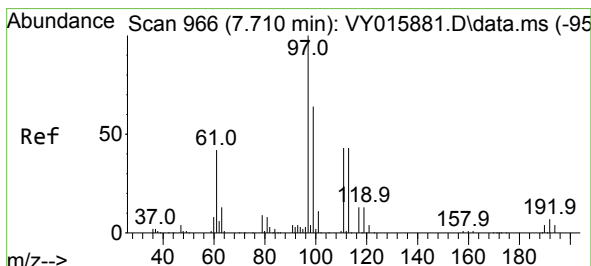
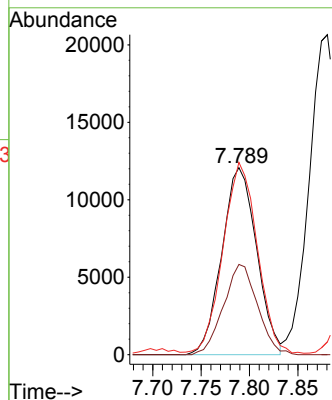
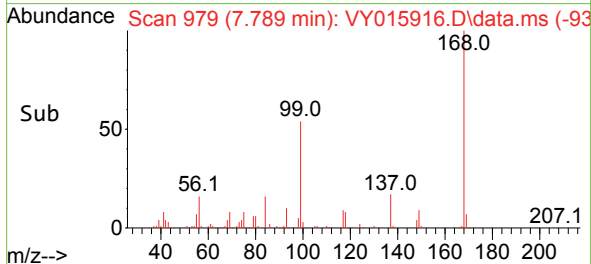


#31
Cyclohexane
Concen: 17.580 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :

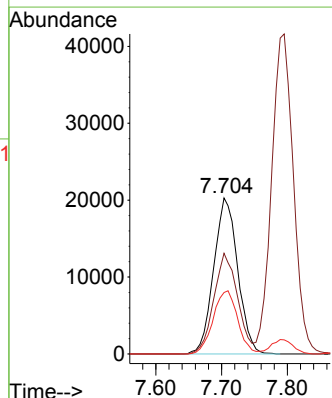
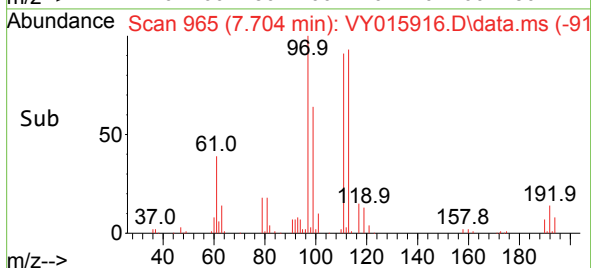
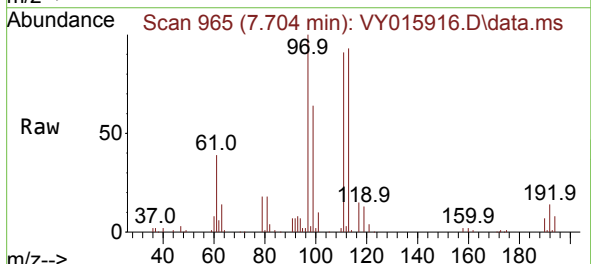


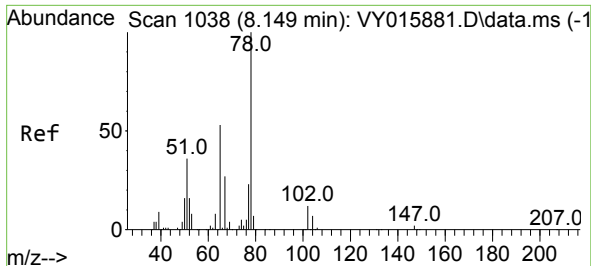
Tgt Ion: 56 Resp: 30275
Ion Ratio Lower Upper
56 100
69 48.3 27.8 41.6#
84 101.5 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 20.170 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Tgt Ion: 97 Resp: 51550
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 41.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.288 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

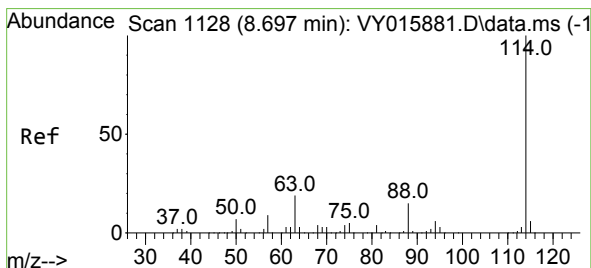
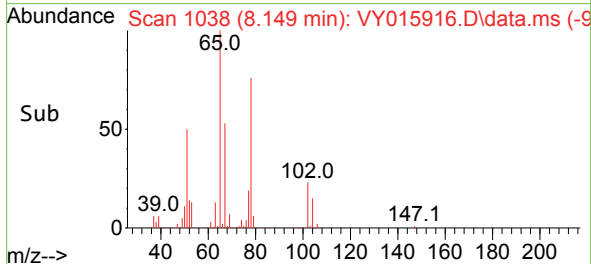
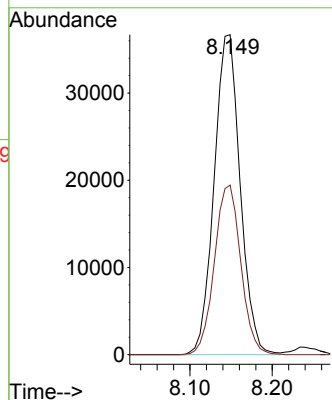
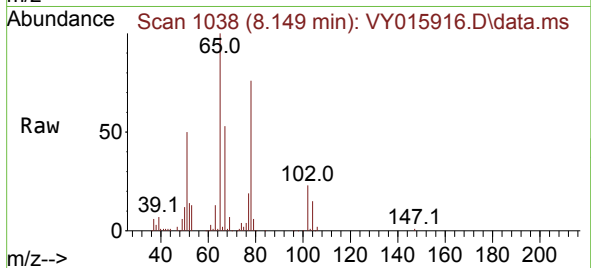
ClientSampleId :

Tgt Ion: 65 Resp: 80859

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

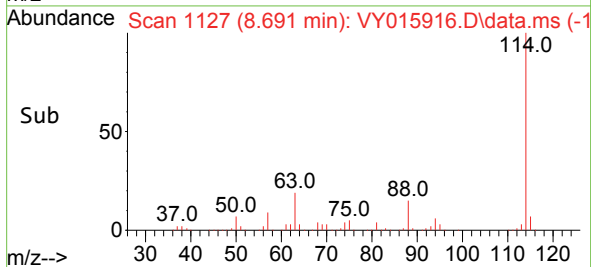
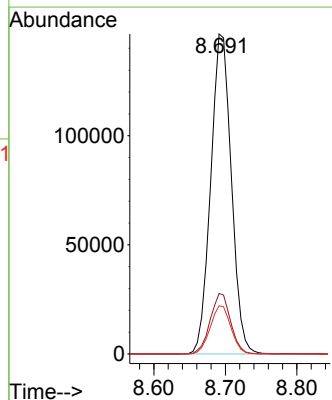
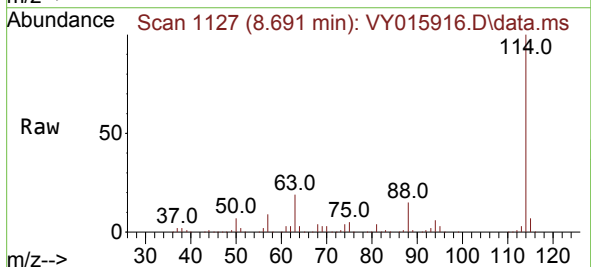
Tgt Ion:114 Resp: 293658

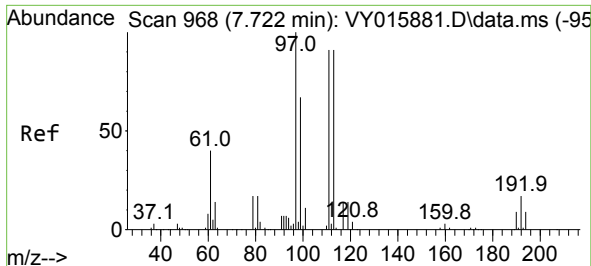
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.1 0.0 30.6

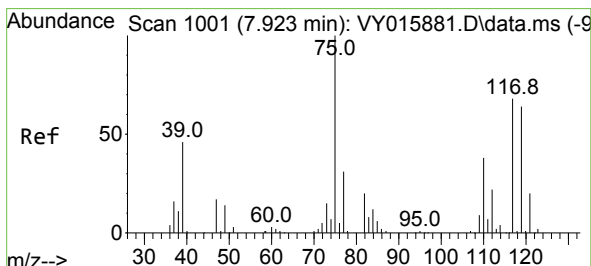
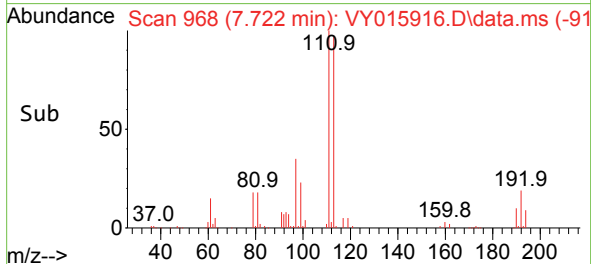
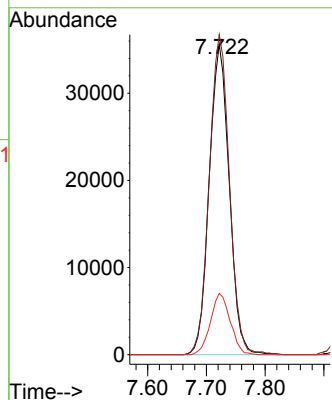
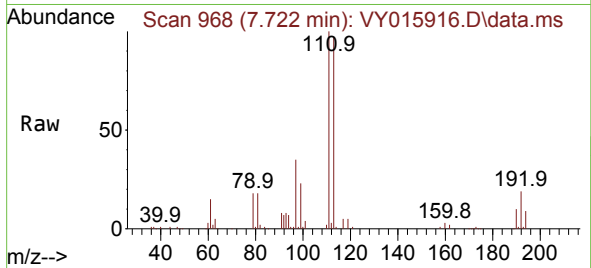




#35
Dibromofluoromethane
Concen: 51.347 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

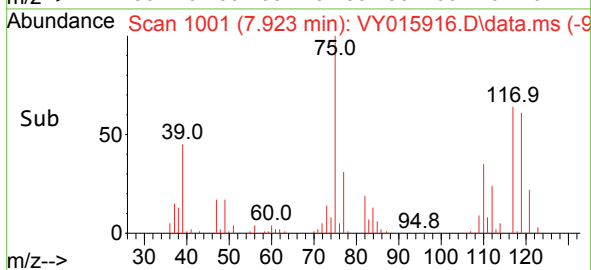
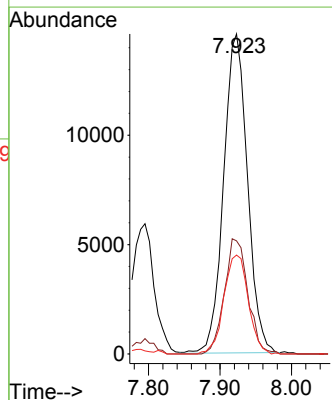
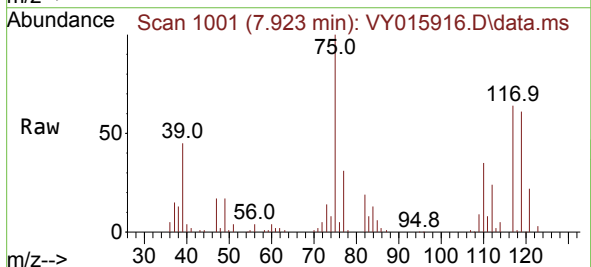
Instrument :
MSVOA_Y
ClientSampleId :

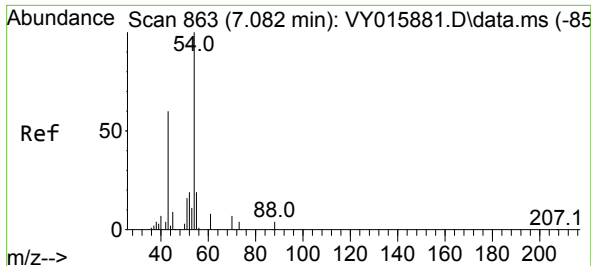
Tgt Ion:113 Resp: 84104
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 18.600 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

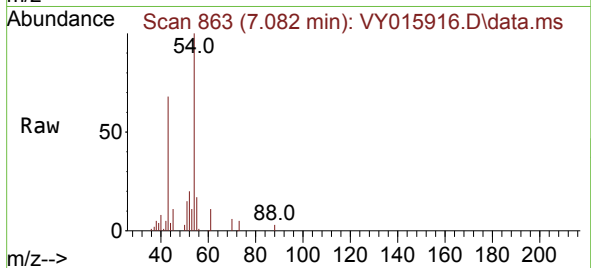
Tgt Ion: 75 Resp: 33742
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.5
77 31.8 24.4 36.6



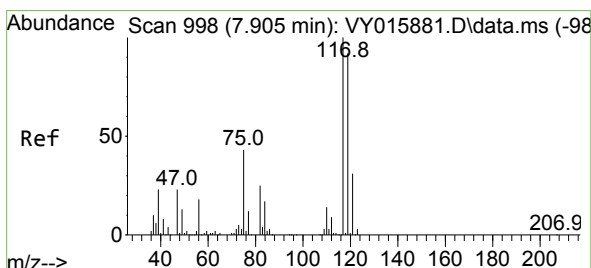
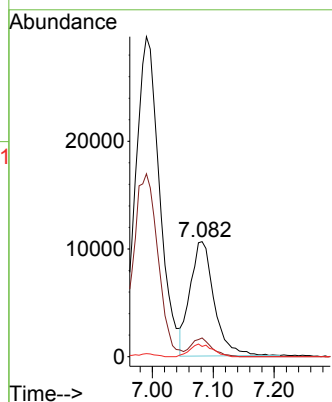
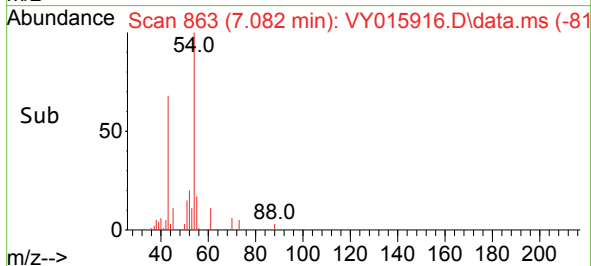


#37
Ethyl Acetate
Concen: 18.716 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :

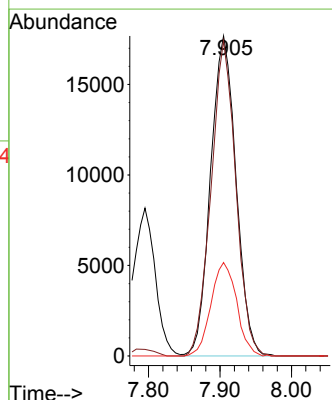
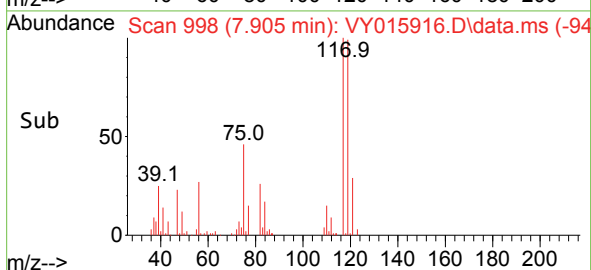
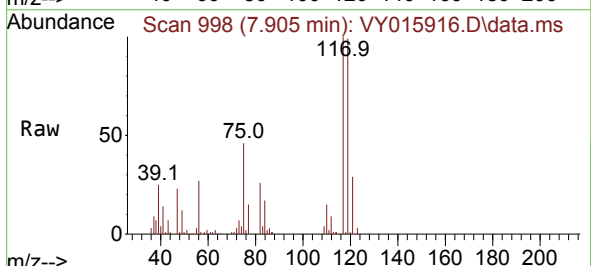


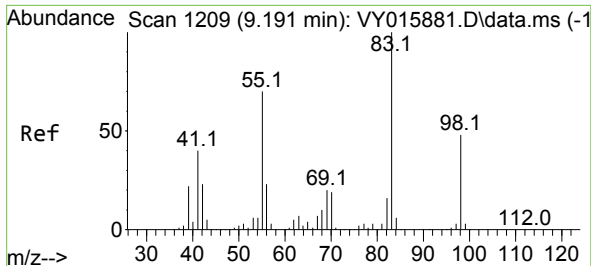
Tgt Ion: 43 Resp: 29159
Ion Ratio Lower Upper
43 100
61 13.8 10.1 15.1
70 10.4 7.1 10.7



#38
Carbon Tetrachloride
Concen: 20.071 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Tgt Ion: 117 Resp: 43727
Ion Ratio Lower Upper
117 100
119 98.5 76.4 114.6
121 29.2 25.8 38.6





#39

Methylcyclohexane

Concen: 18.074 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

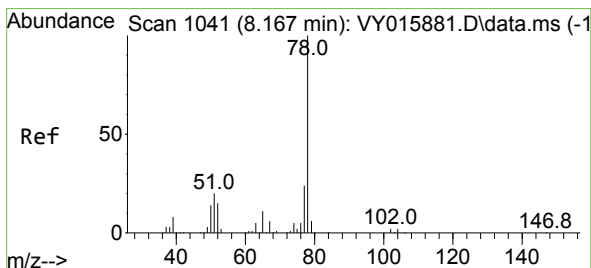
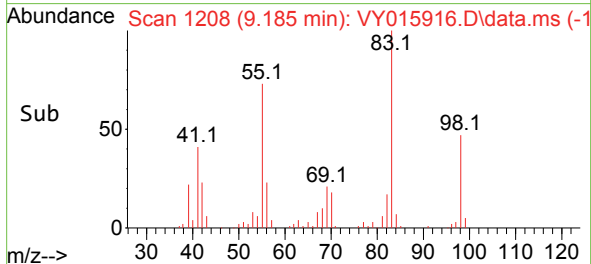
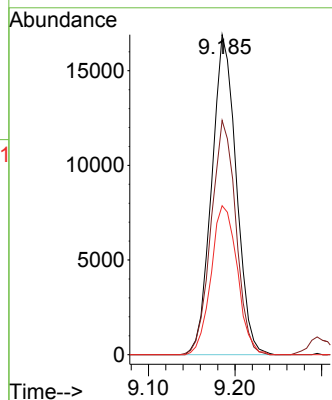
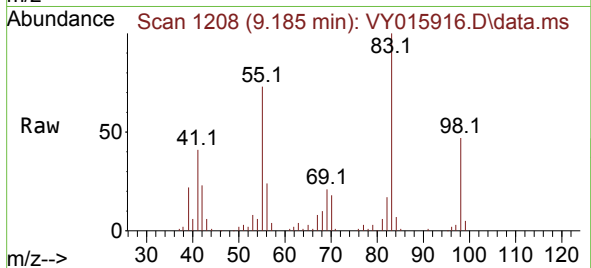
Tgt Ion: 83 Resp: 33305

Ion Ratio Lower Upper

83 100

55 73.2 63.0 94.4

98 46.6 37.4 56.2



#40

Benzene

Concen: 19.428 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY015916.D

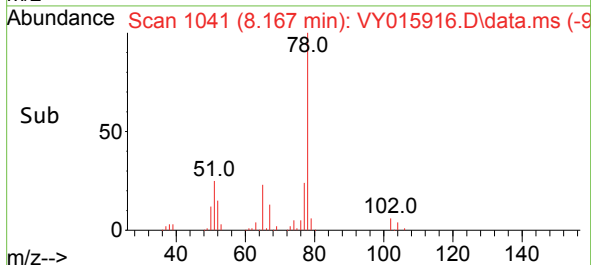
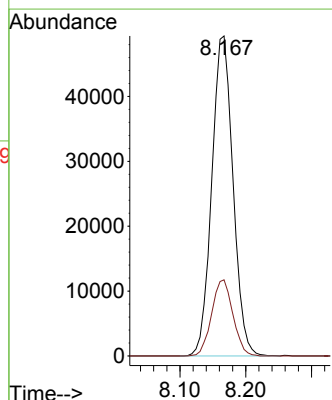
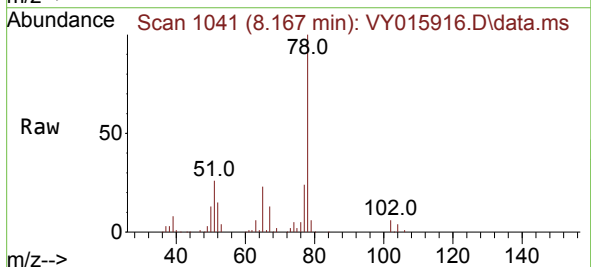
Acq: 11 Oct 2023 11:43

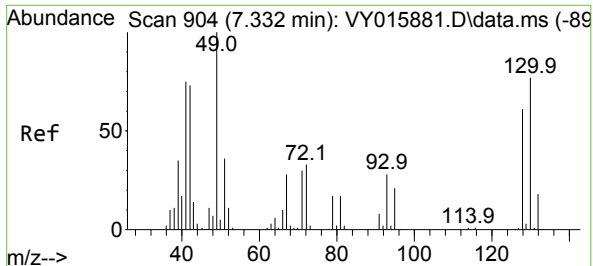
Tgt Ion: 78 Resp: 110759

Ion Ratio Lower Upper

78 100

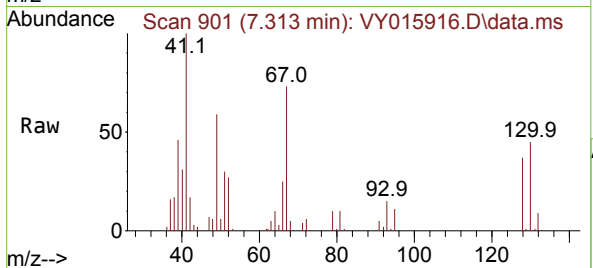
77 23.8 19.0 28.6



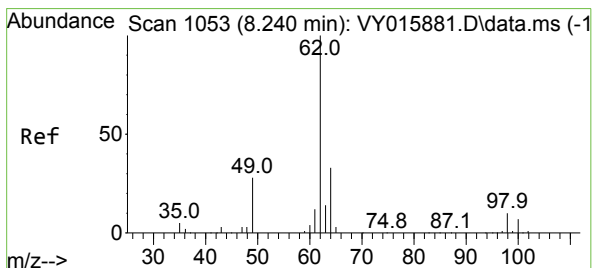
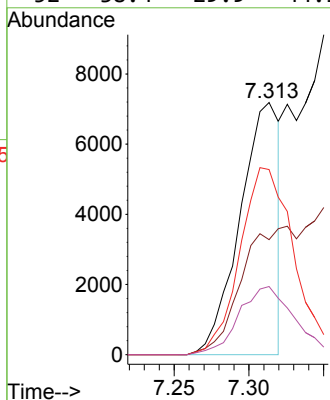
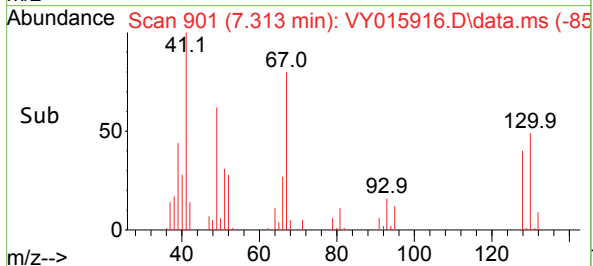


#41
Methacrylonitrile
Concen: 13.692 ug/l
RT: 7.313 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :

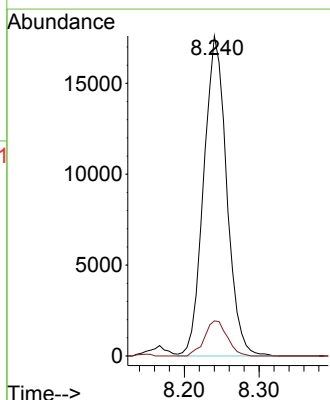
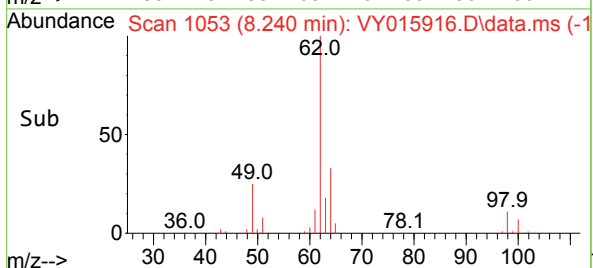
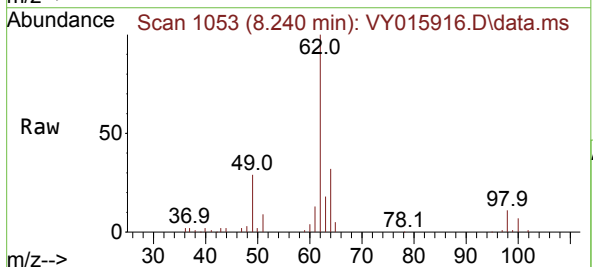


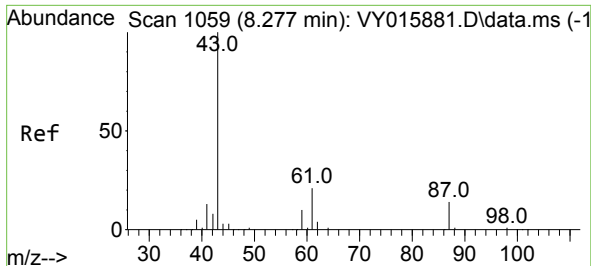
Tgt Ion:	41	Resp:	13268
Ion	Ratio	Lower	Upper
41	100		
39	69.7	52.1	78.1
67	102.4	66.2	99.2#
52	38.4	29.9	44.9



#42
1,2-Dichloroethane
Concen: 19.394 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Tgt Ion:	62	Resp:	37690
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	15.8

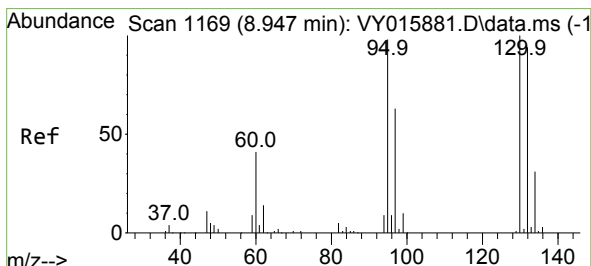
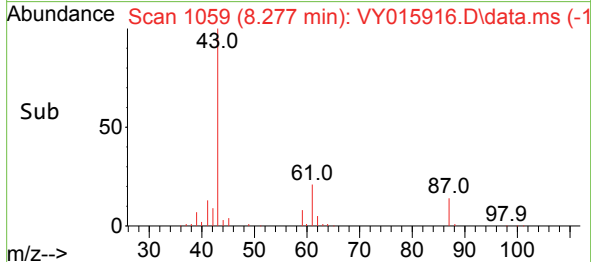
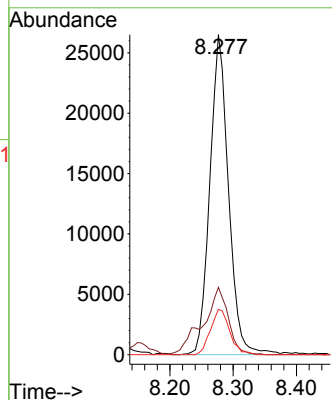
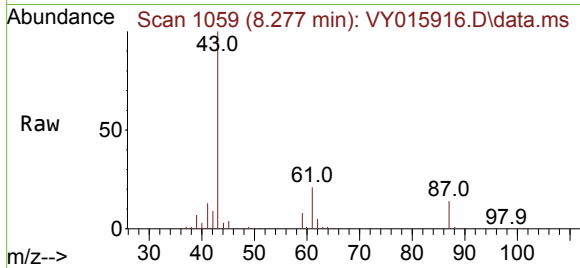




#43
Isopropyl Acetate
Concen: 18.814 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

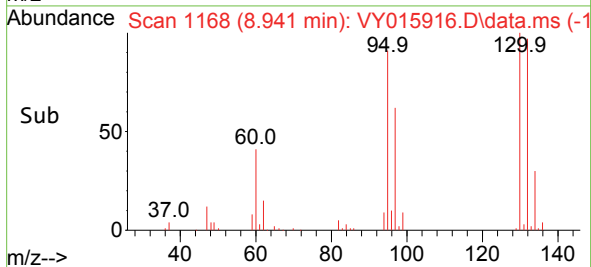
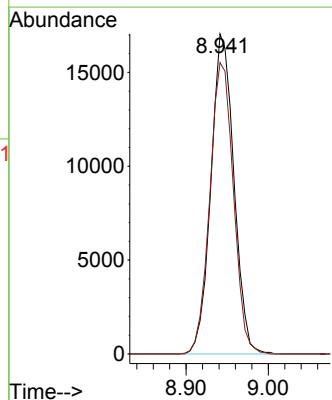
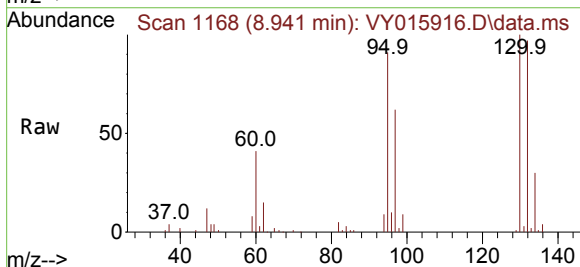
Instrument :
MSVOA_Y
ClientSampleId :

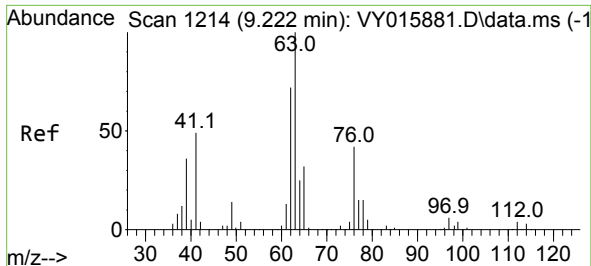
Tgt Ion	Ratio	Lower	Upper
43	100		
61	28.6	21.1	31.7
87	14.5	9.8	14.8



#44
Trichloroethene
Concen: 20.052 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	196.0

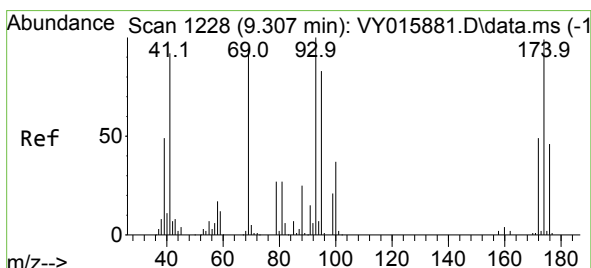
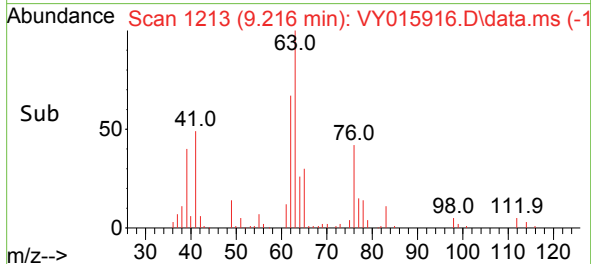
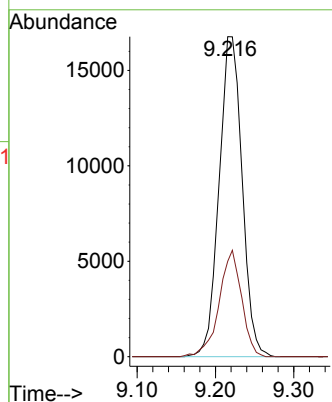
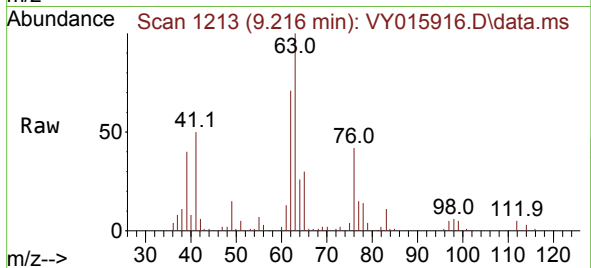




#45
1,2-Dichloropropane
Concen: 19.967 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

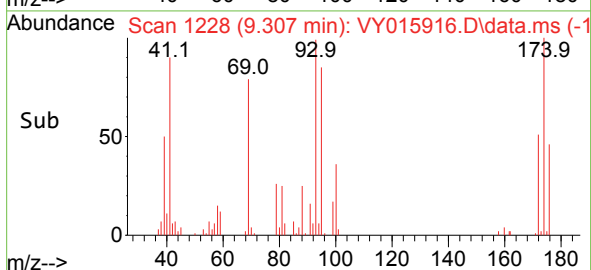
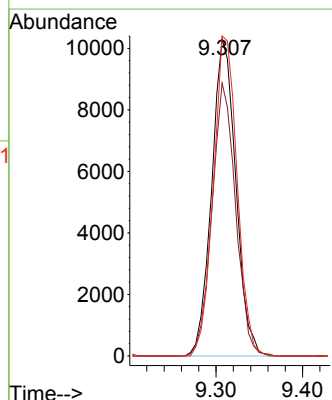
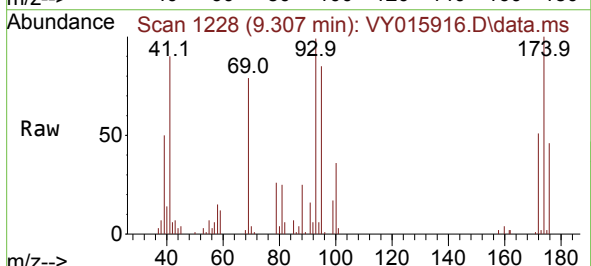
Instrument :
MSVOA_Y
ClientSampleId :

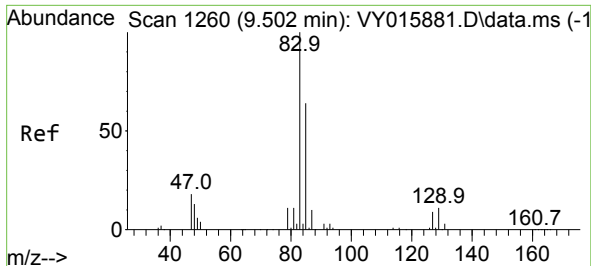
Tgt Ion: 63 Resp: 34238
Ion Ratio Lower Upper
63 100
65 29.8 23.8 35.6



#46
Dibromomethane
Concen: 19.547 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Tgt Ion: 93 Resp: 19947
Ion Ratio Lower Upper
93 100
95 84.0 66.6 100.0
174 99.3 84.8 127.2

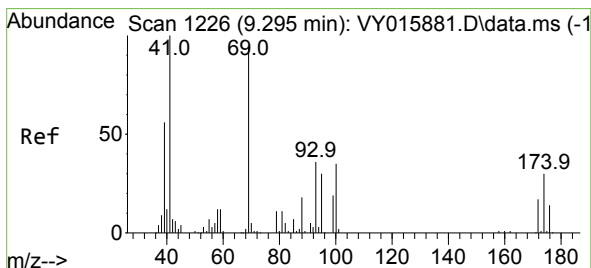
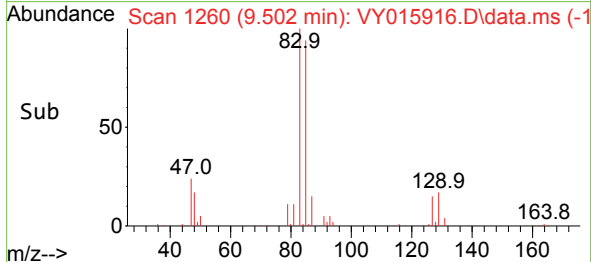
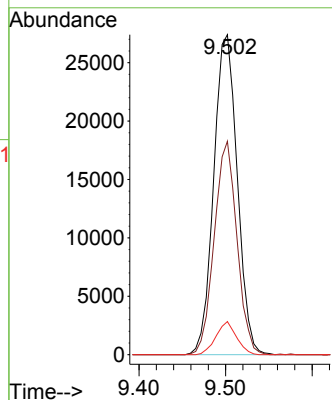
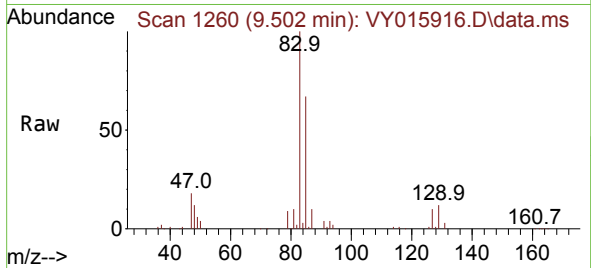




#47
Bromodichloromethane
Concen: 20.392 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

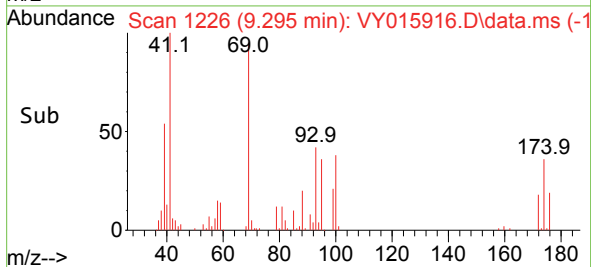
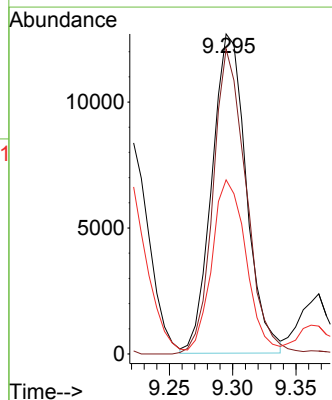
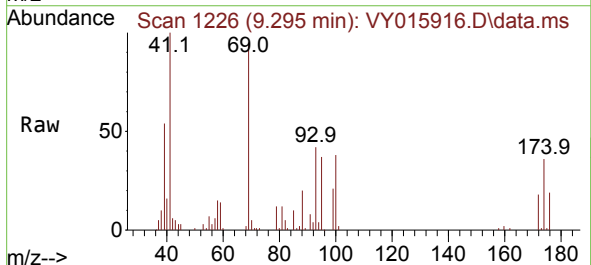
Instrument :
MSVOA_Y
ClientSampleId :

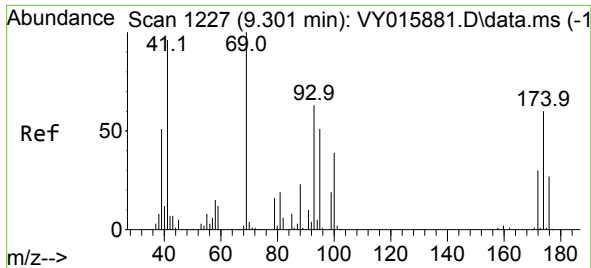
Tgt Ion: 83 Resp: 51753
Ion Ratio Lower Upper
83 100
85 66.7 50.1 75.1
127 10.4 7.1 10.7



#48
Methyl methacrylate
Concen: 18.824 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Tgt Ion: 41 Resp: 23974
Ion Ratio Lower Upper
41 100
69 91.7 64.5 96.7
39 54.5 50.8 76.2

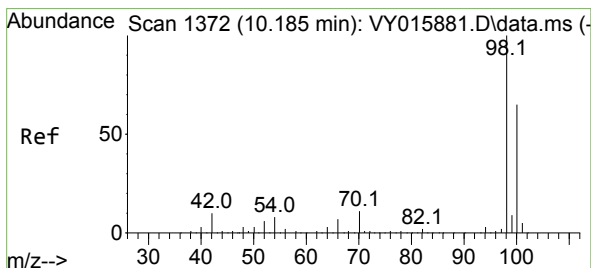
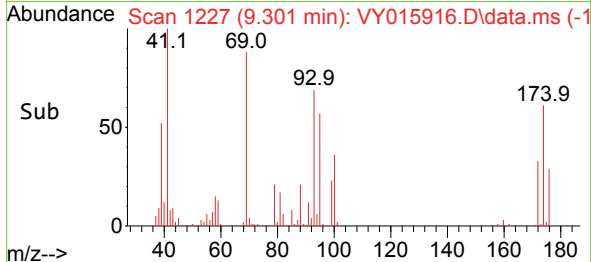
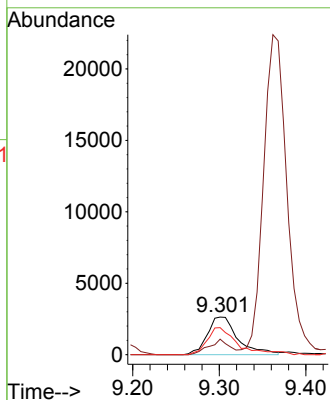
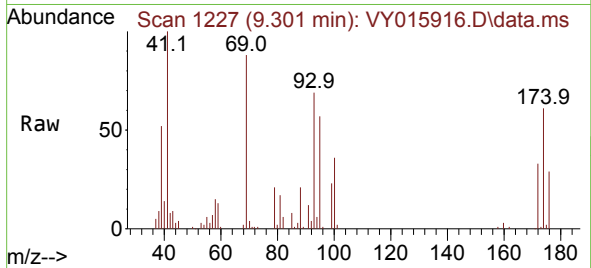




#49
1,4-Dioxane
Concen: 364.626 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

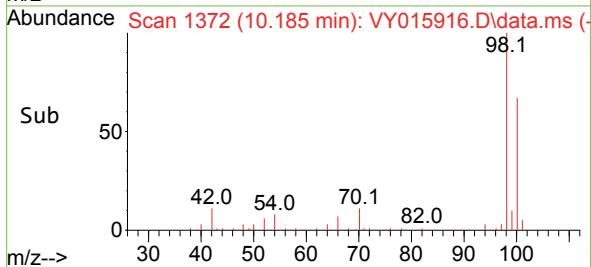
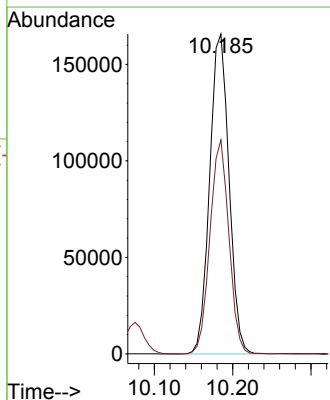
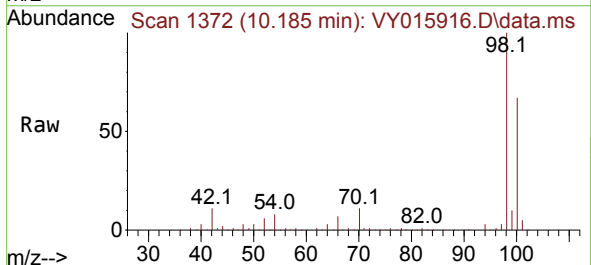
Instrument :
MSVOA_Y
ClientSampleId :

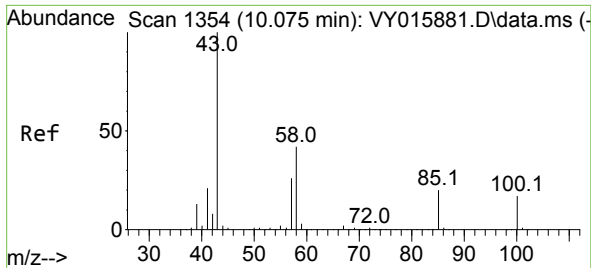
Tgt Ion: 88 Resp: 6468
Ion Ratio Lower Upper
88 100
43 27.1 0.0 0.0#
58 72.0 30.9 46.3#



#50
Toluene-d8
Concen: 52.669 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Tgt Ion: 98 Resp: 284322
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

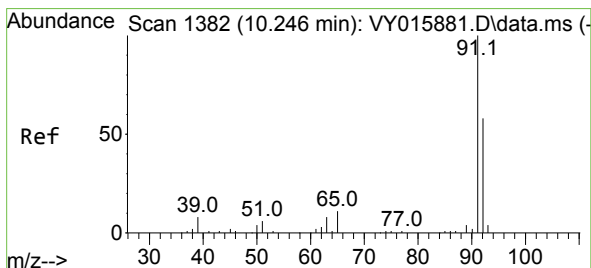
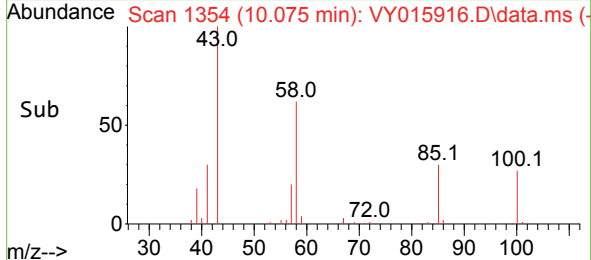
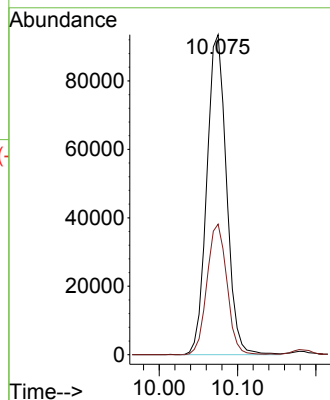
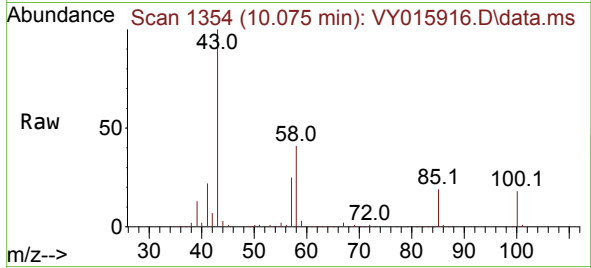




#51
4-Methyl-2-Pentanone
Concen: 94.429 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

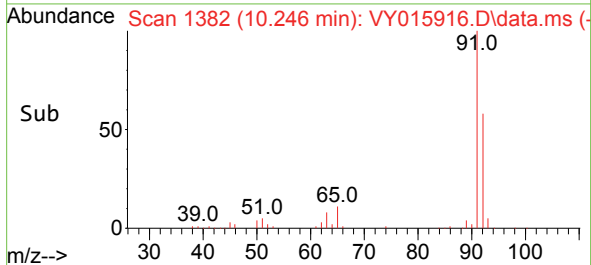
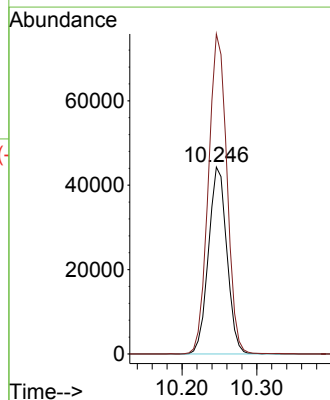
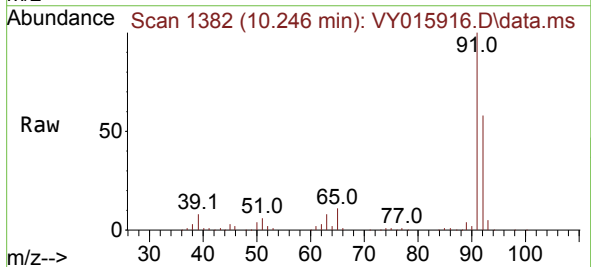
Instrument :
MSVOA_Y
ClientSampleId :

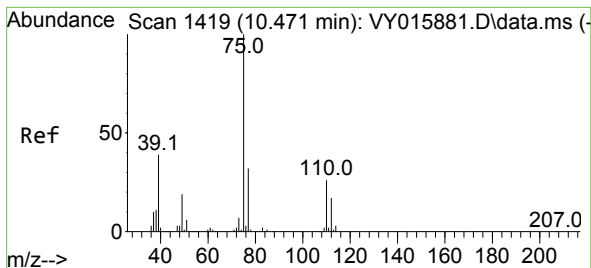
Tgt Ion: 43 Resp: 162931
Ion Ratio Lower Upper
43 100
58 41.3 29.0 43.6



#52
Toluene
Concen: 20.000 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Tgt Ion: 92 Resp: 75685
Ion Ratio Lower Upper
92 100
91 172.6 143.8 215.6

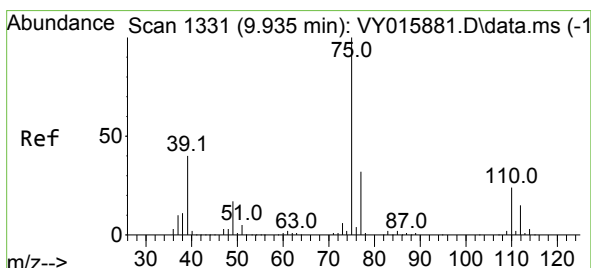
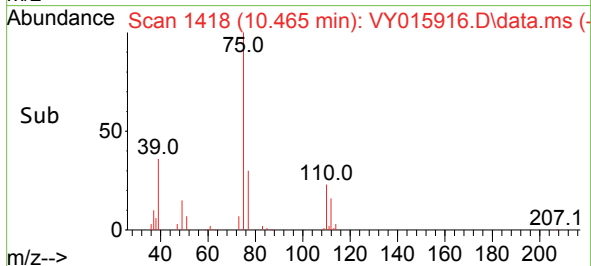
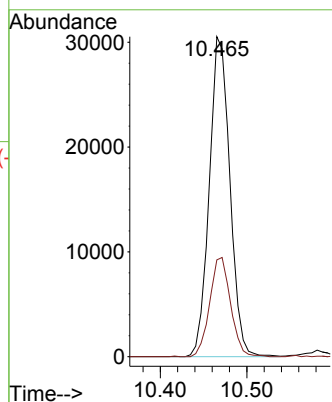
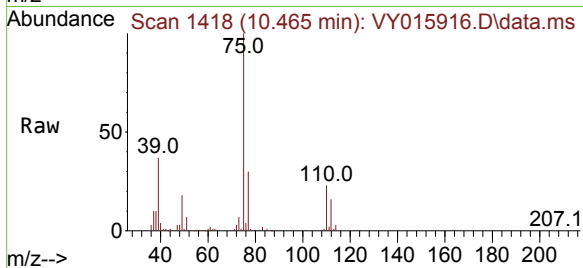




#53
 t-1,3-Dichloropropene
 Concen: 19.676 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY015916.D
 Acq: 11 Oct 2023 11:43

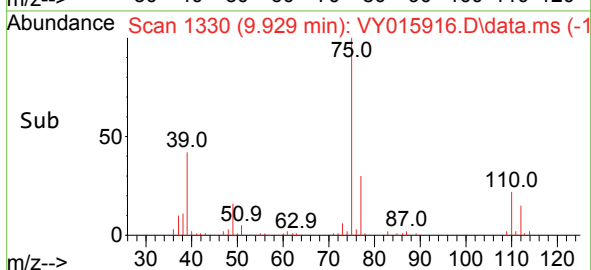
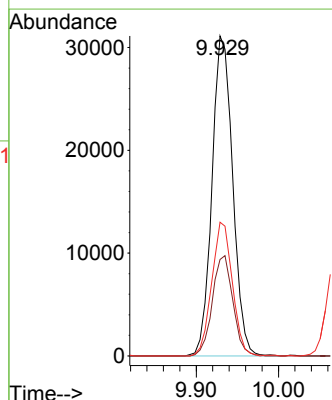
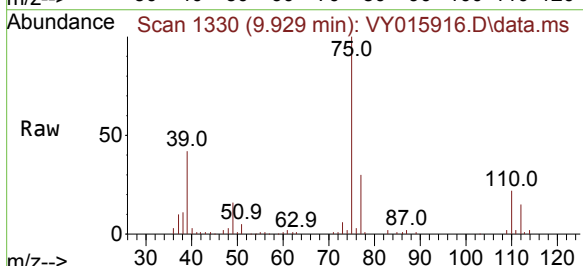
Instrument :
 MSVOA_Y
 ClientSampleId :

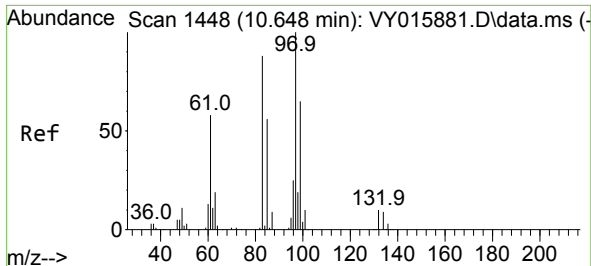
Tgt Ion: 75 Resp: 50483
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.544 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY015916.D
 Acq: 11 Oct 2023 11:43

Tgt Ion: 75 Resp: 54469
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.2 36.4
 39 41.8 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 20.540 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 33374

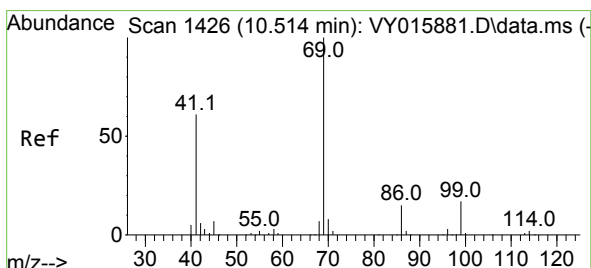
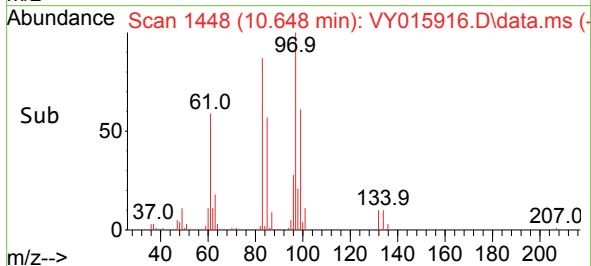
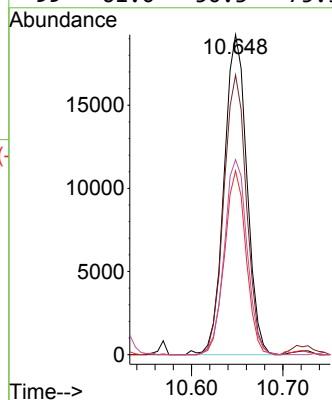
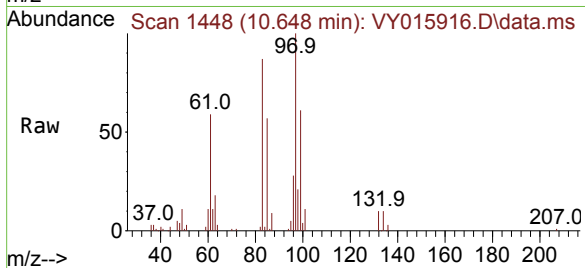
Ion Ratio Lower Upper

97 100

83 87.4 72.0 108.0

85 57.4 45.4 68.0

99 61.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.375 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

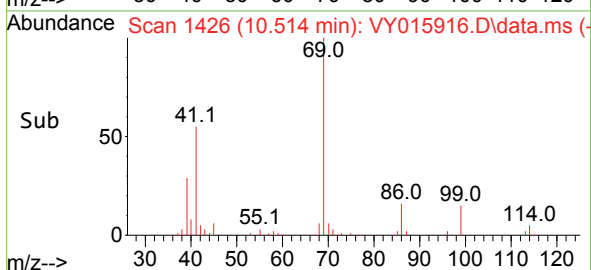
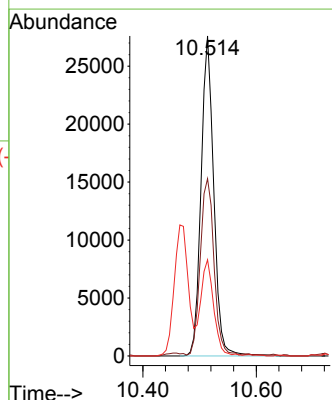
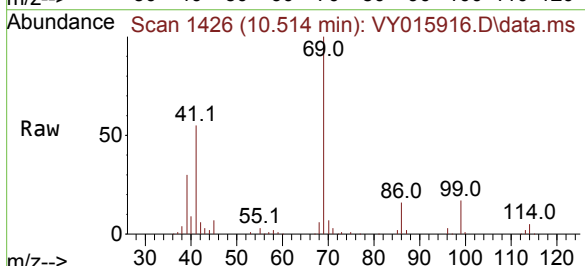
Tgt Ion: 69 Resp: 42740

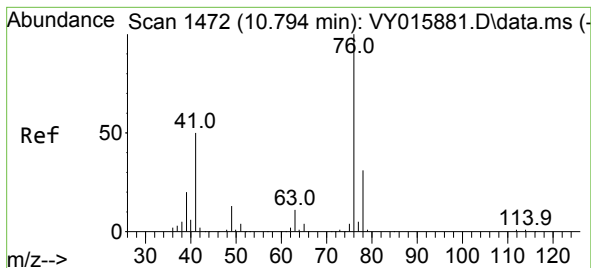
Ion Ratio Lower Upper

69 100

41 59.5 57.6 86.4

39 30.9 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 19.917 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

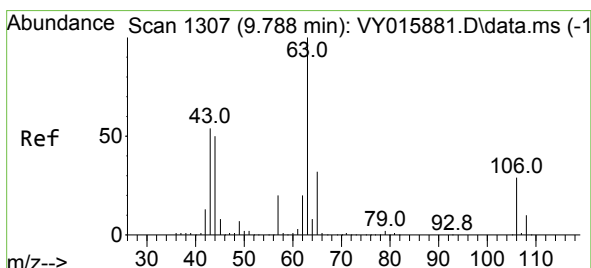
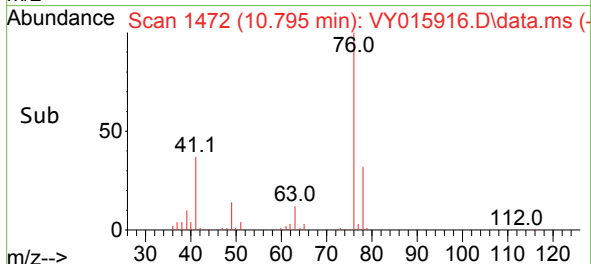
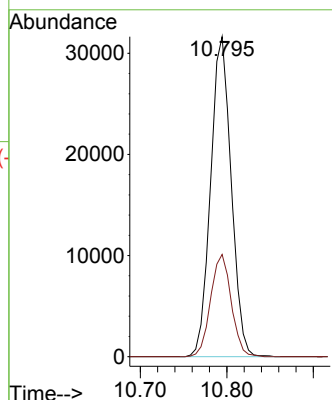
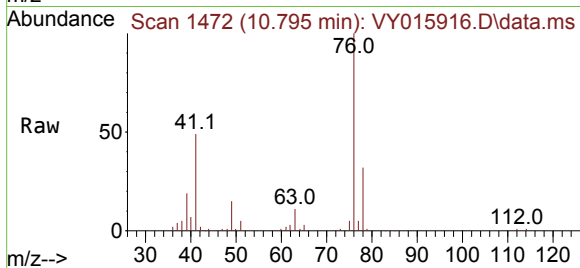
ClientSampleId :

Tgt Ion: 76 Resp: 52176

Ion Ratio Lower Upper

76 100

78 32.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 96.818 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY015916.D

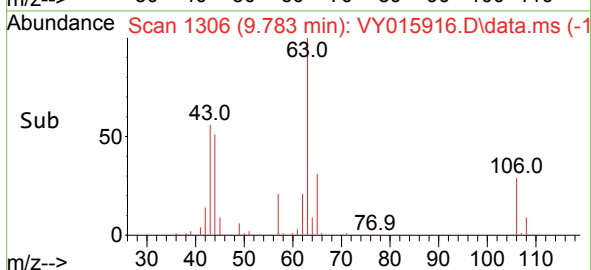
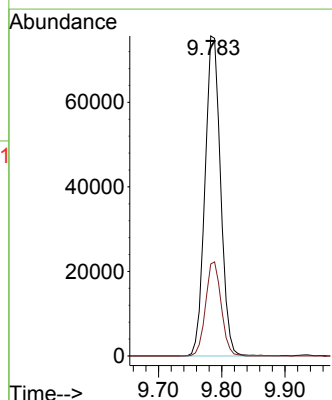
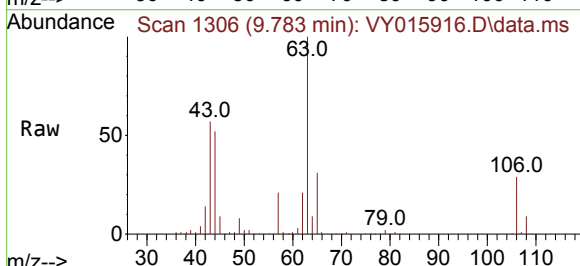
Acq: 11 Oct 2023 11:43

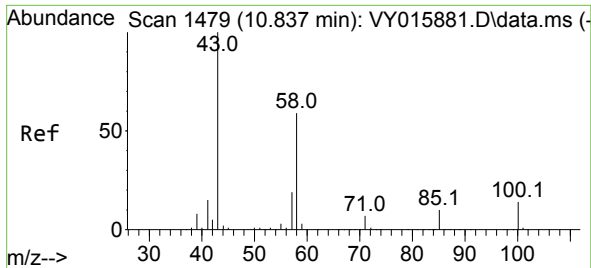
Tgt Ion: 63 Resp: 130175

Ion Ratio Lower Upper

63 100

106 29.3 21.2 31.8

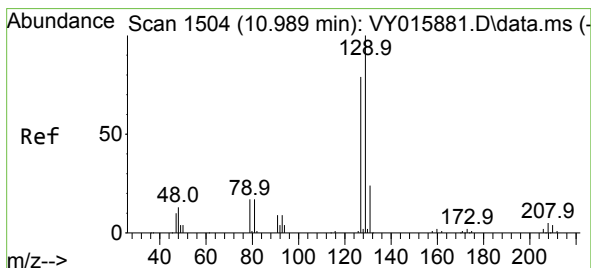
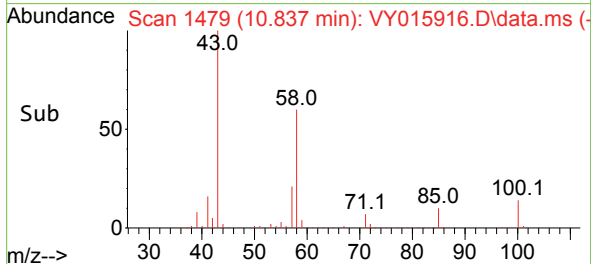
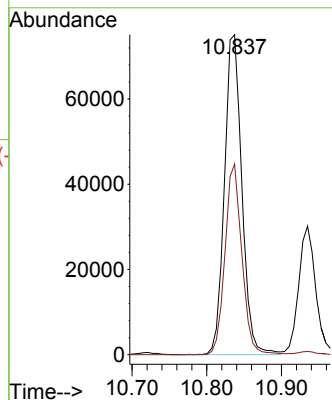
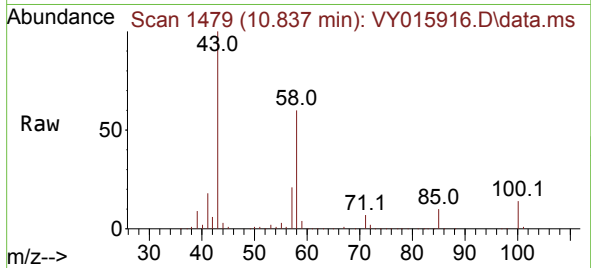




#59
2-Hexanone
Concen: 93.526 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

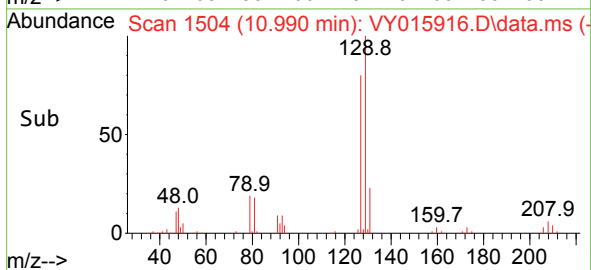
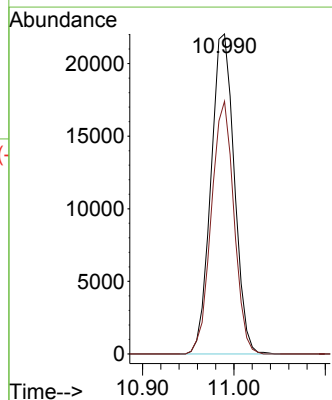
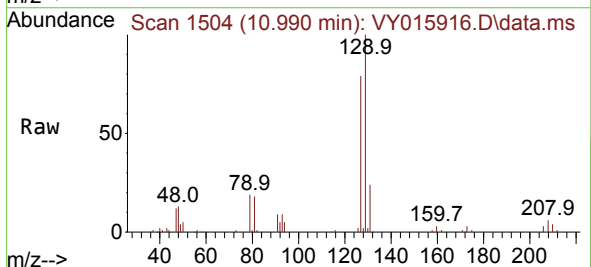
Instrument :
MSVOA_Y
ClientSampleId :

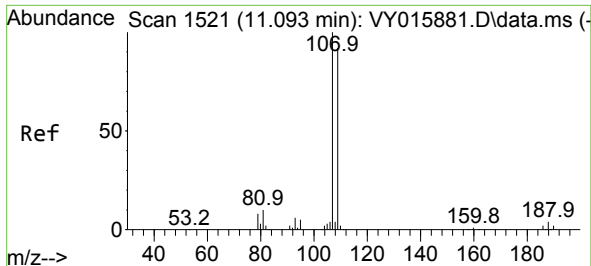
Tgt Ion: 43 Resp: 122086
Ion Ratio Lower Upper
43 100
58 57.6 25.1 75.3



#60
Dibromochloromethane
Concen: 20.090 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Tgt Ion: 129 Resp: 39133
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5

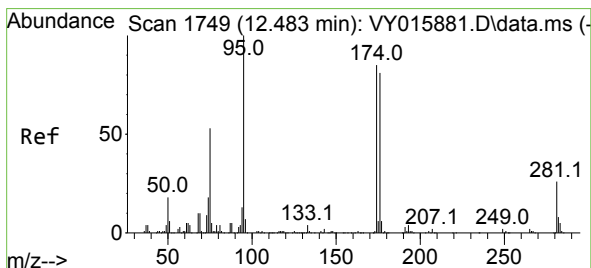
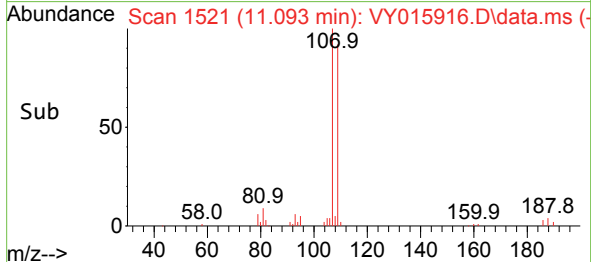
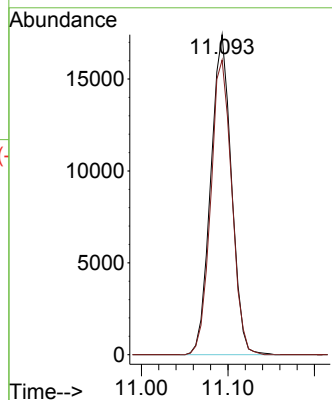
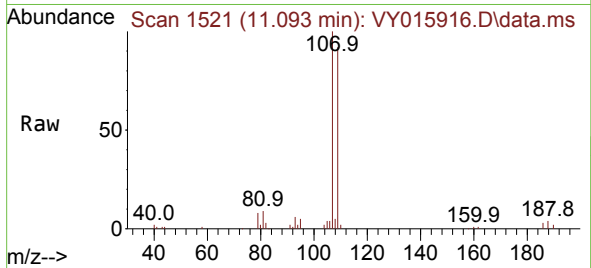




#61
1,2-Dibromoethane
Concen: 19.482 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

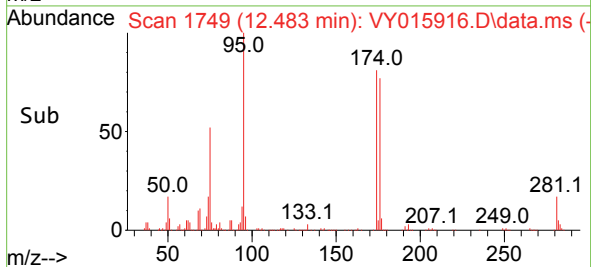
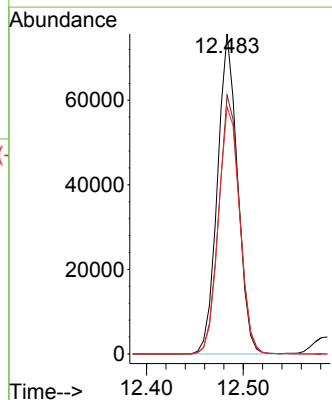
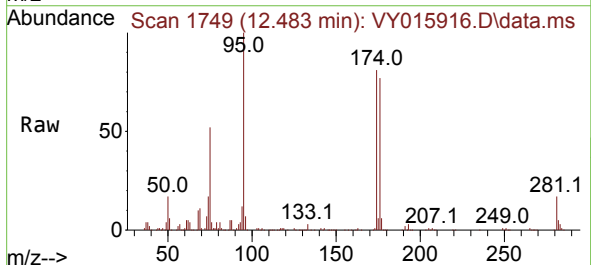
Instrument :
MSVOA_Y
ClientSampleId :

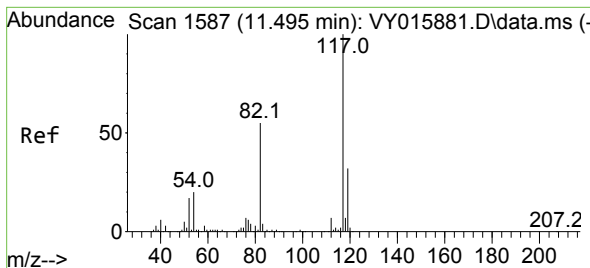
Tgt Ion:107 Resp: 28911
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.757 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Tgt Ion: 95 Resp: 109098
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 81.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

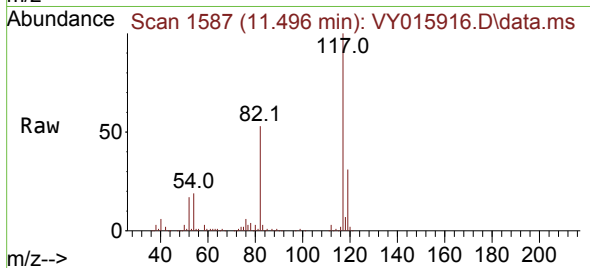
Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :



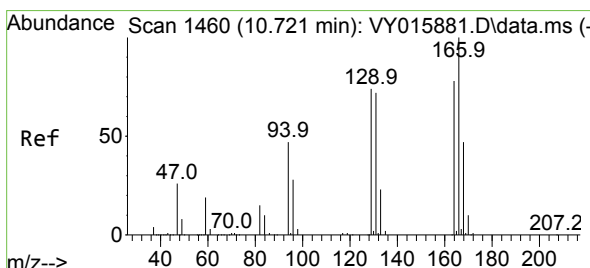
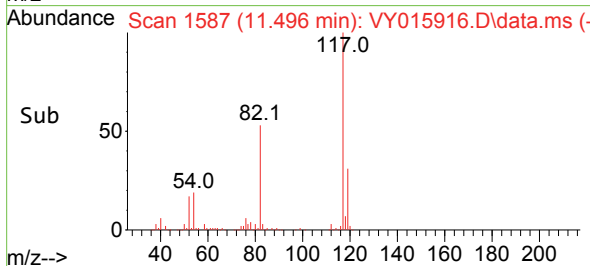
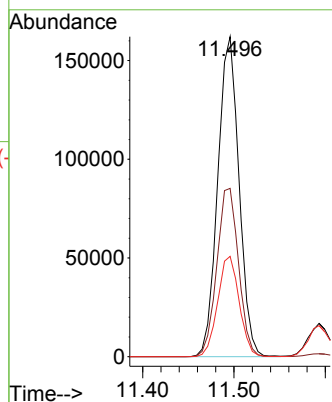
Tgt Ion:117 Resp: 262054

Ion Ratio Lower Upper

117 100

82 52.6 43.4 65.0

119 31.3 26.3 39.5



#64

Tetrachloroethene

Concen: 19.954 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Tgt Ion:164 Resp: 34125

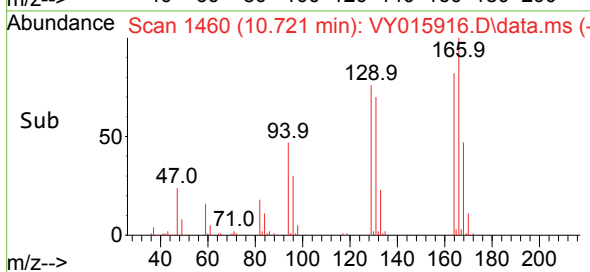
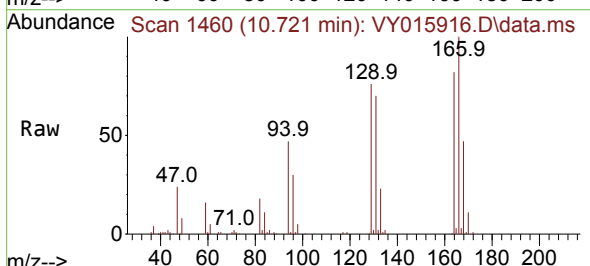
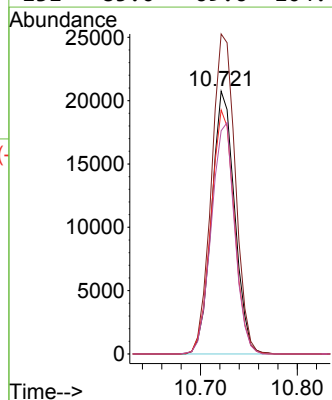
Ion Ratio Lower Upper

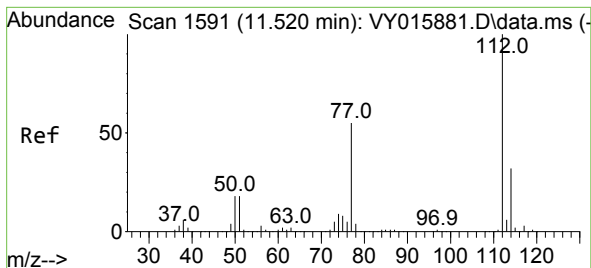
164 100

166 121.8 103.0 154.6

129 92.9 77.2 115.8

131 85.0 69.6 104.4

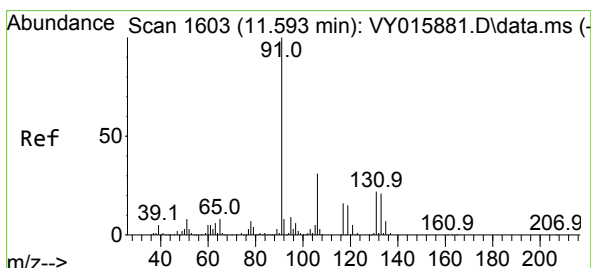
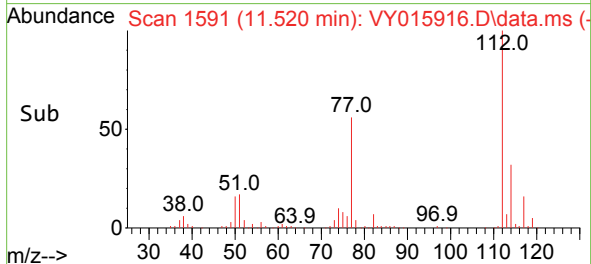
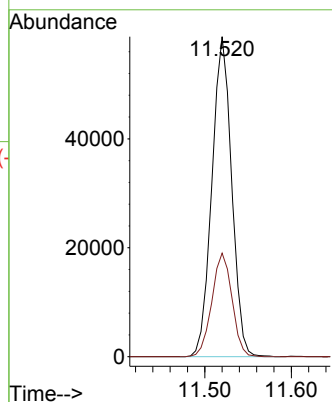
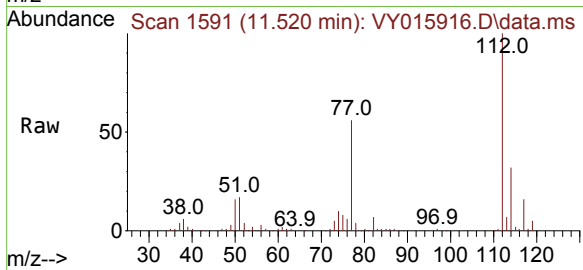




#65
Chlorobenzene
Concen: 20.356 ug/l
RT: 11.520 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

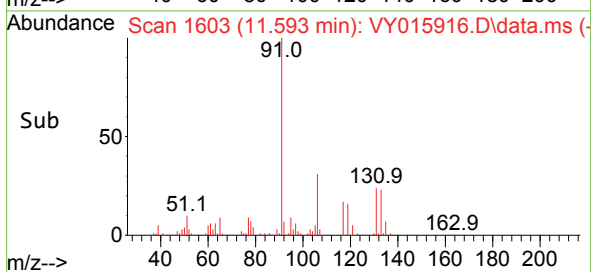
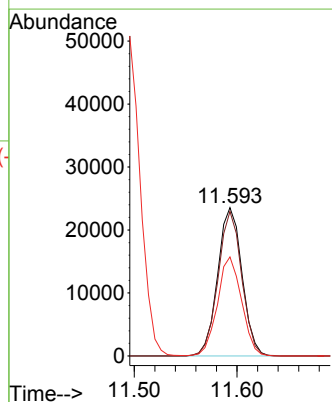
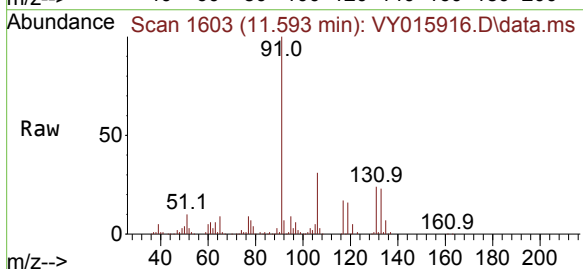
Instrument :
MSVOA_Y
ClientSampleId :

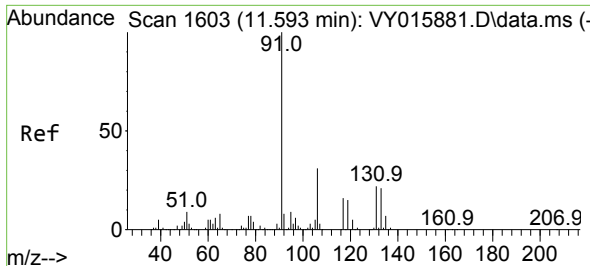
Tgt Ion:112 Resp: 93047
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.714 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Tgt Ion:131 Resp: 38699
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 66.2 31.6 94.7





#67

Ethyl Benzene

Concen: 20.248 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

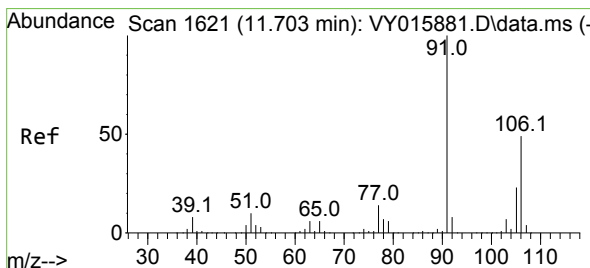
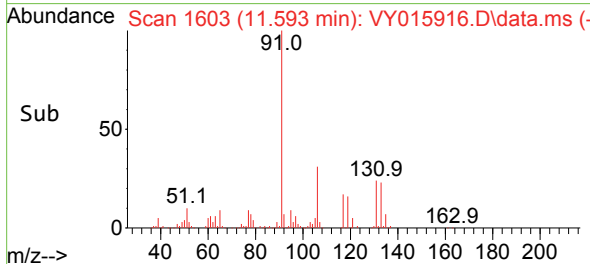
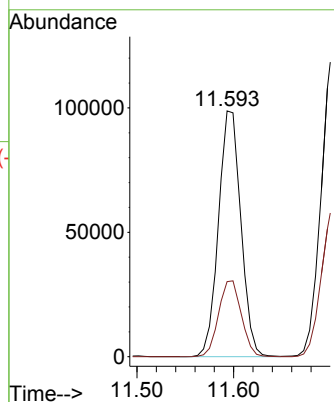
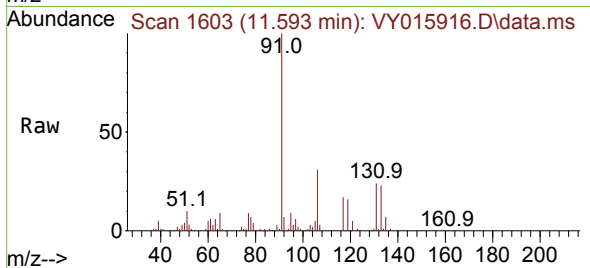
ClientSampleId :

Tgt Ion: 91 Resp: 158782

Ion Ratio Lower Upper

91 100

106 30.6 24.6 36.8



#68

m/p-Xylenes

Concen: 40.386 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY015916.D

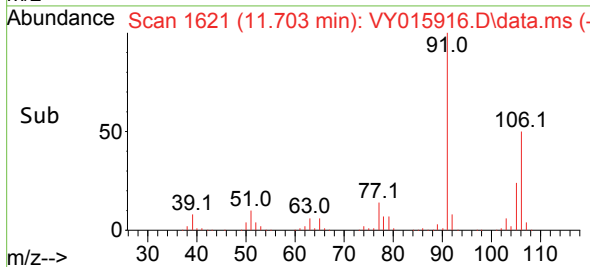
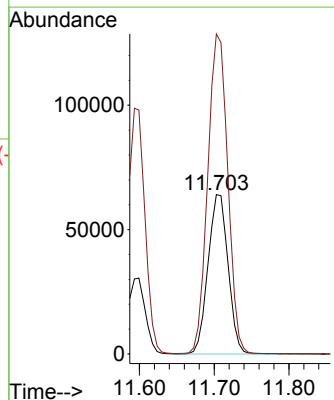
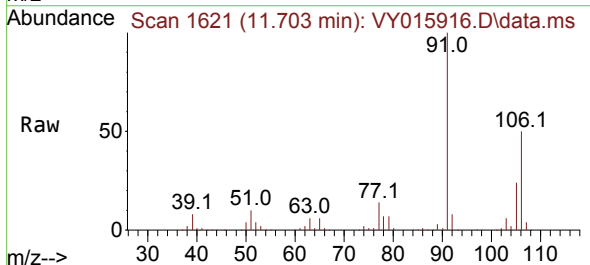
Acq: 11 Oct 2023 11:43

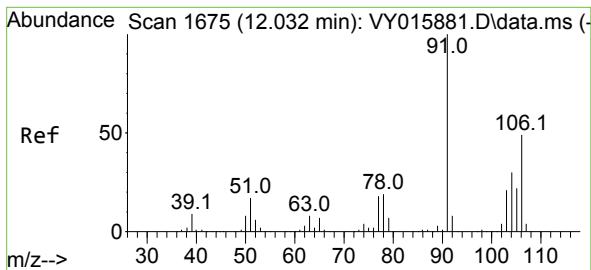
Tgt Ion:106 Resp: 119336

Ion Ratio Lower Upper

106 100

91 200.8 166.1 249.1





#69

o-Xylene

Concen: 20.192 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

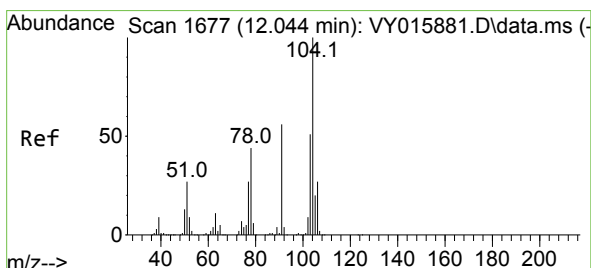
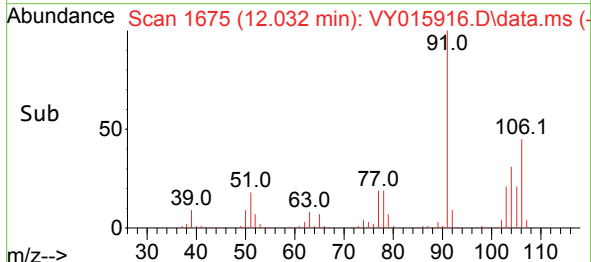
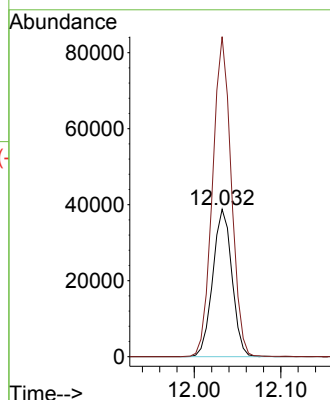
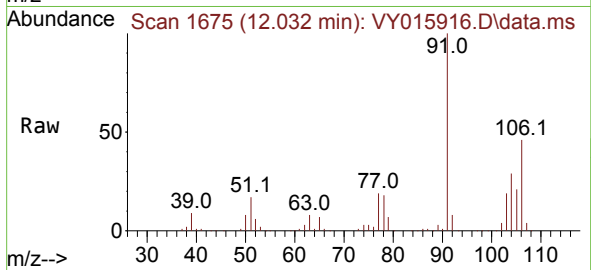
ClientSampleId :

Tgt Ion:106 Resp: 59699

Ion Ratio Lower Upper

106 100

91 212.2 108.1 324.3



#70

Styrene

Concen: 20.622 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

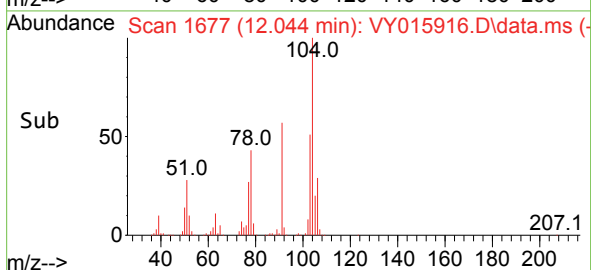
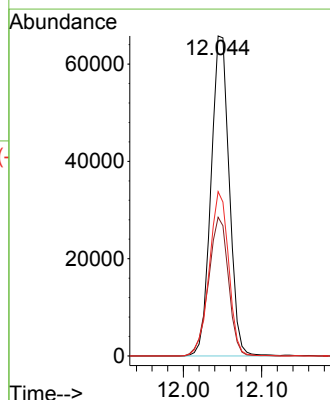
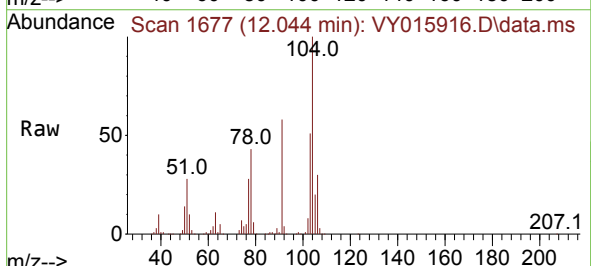
Tgt Ion:104 Resp: 106377

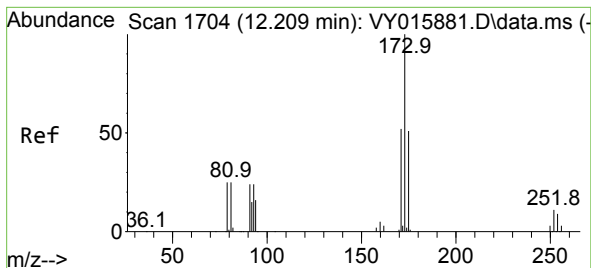
Ion Ratio Lower Upper

104 100

78 47.5 41.5 62.3

103 54.4 44.6 67.0





#71

Bromoform

Concen: 20.021 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015916.D

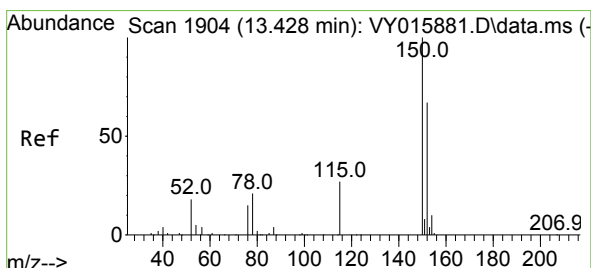
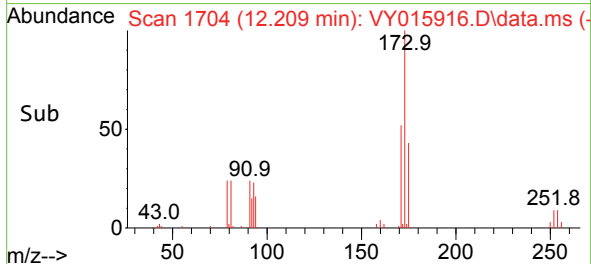
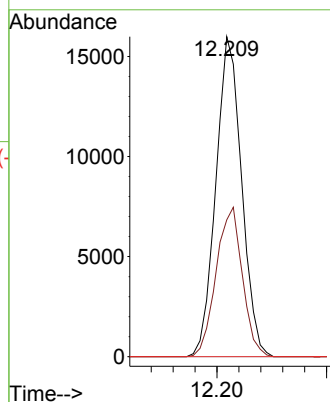
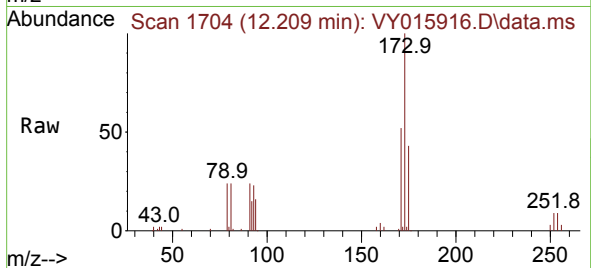
Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	26048
Ion Ratio	Lower	Upper
173	100	
175	47.6	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

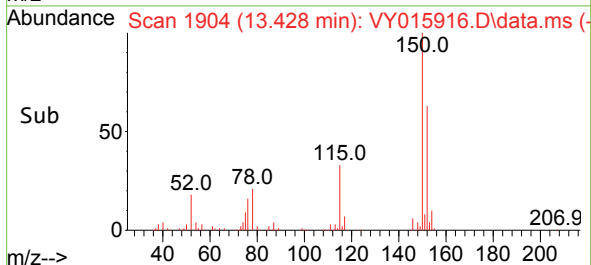
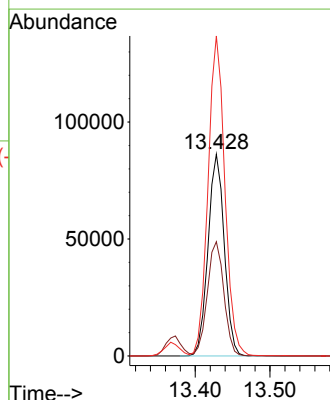
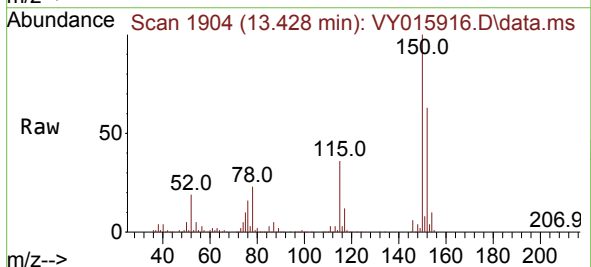
RT: 13.428 min Scan# 1904

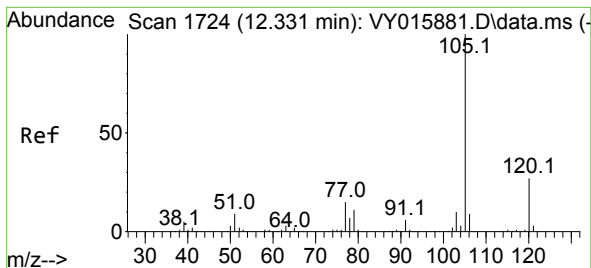
Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Tgt Ion:152	Resp:	130358
Ion Ratio	Lower	Upper
152	100	
115	57.7	28.8 86.5
150	163.7	0.0 348.8





#73

Isopropylbenzene

Concen: 20.315 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

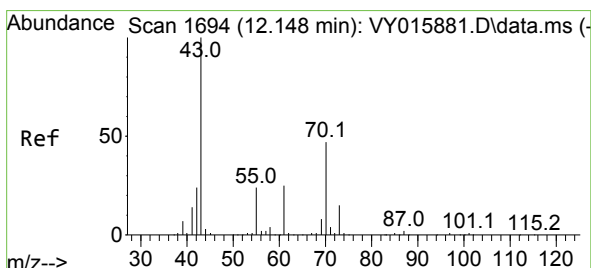
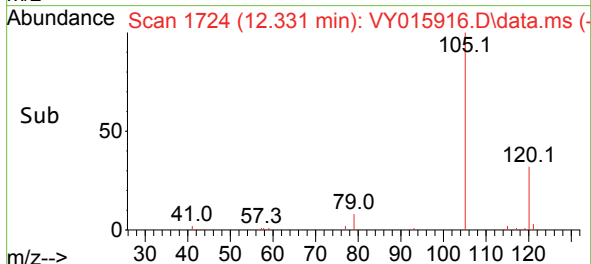
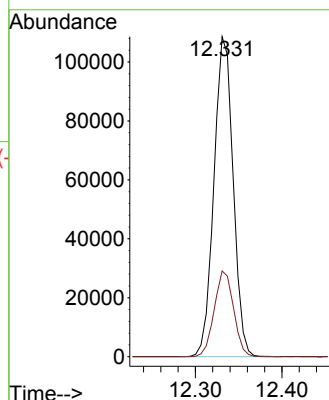
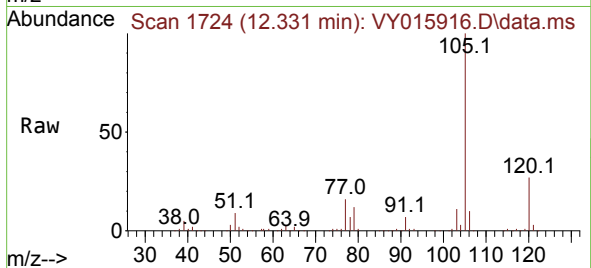
ClientSampleId :

Tgt Ion:105 Resp: 167050

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 19.251 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Tgt Ion: 43 Resp: 49888

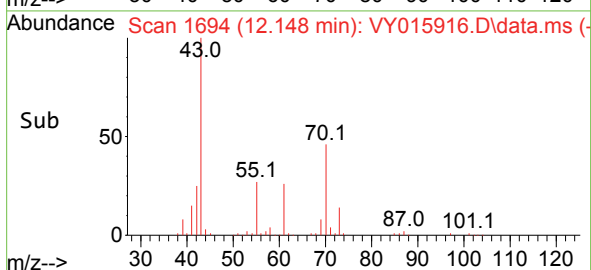
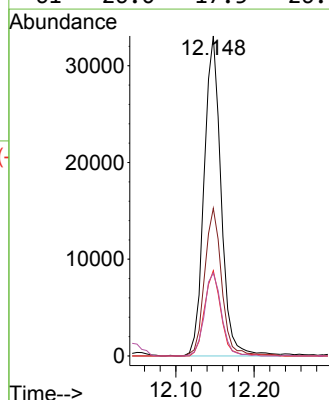
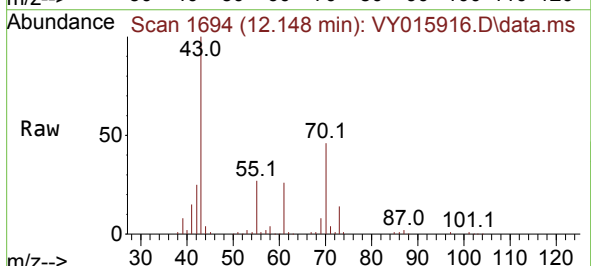
Ion Ratio Lower Upper

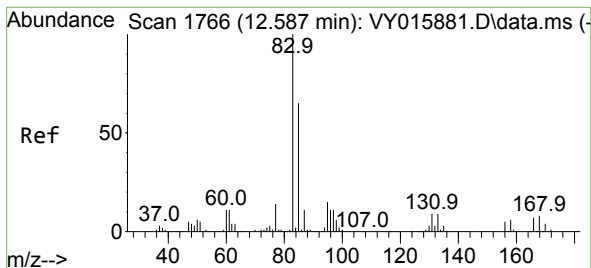
43 100

70 46.5 29.7 44.5#

55 26.1 18.3 27.5

61 26.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.843 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

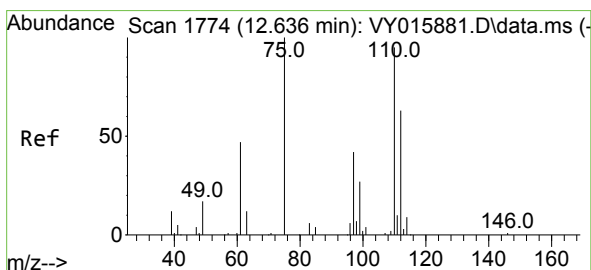
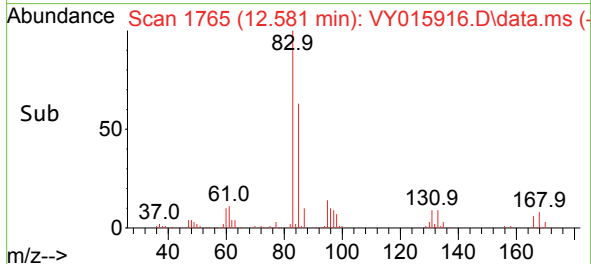
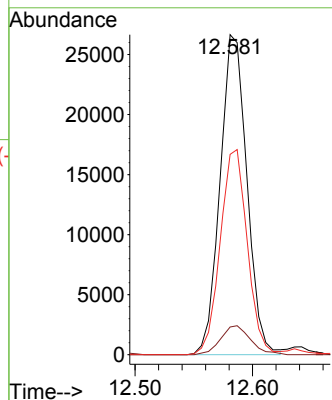
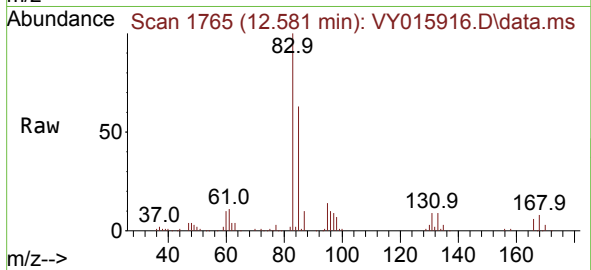
Tgt Ion: 83 Resp: 42309

Ion Ratio Lower Upper

83 100

131 10.0 5.4 16.2

85 64.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 34.108 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY015916.D

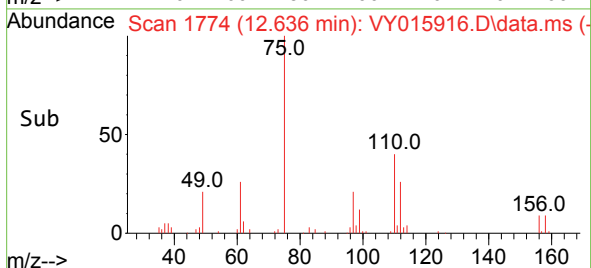
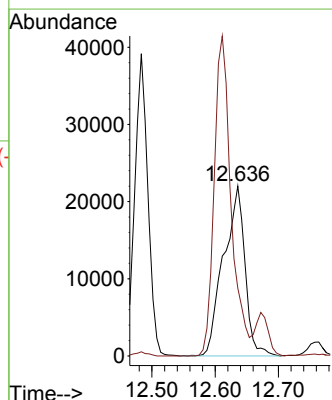
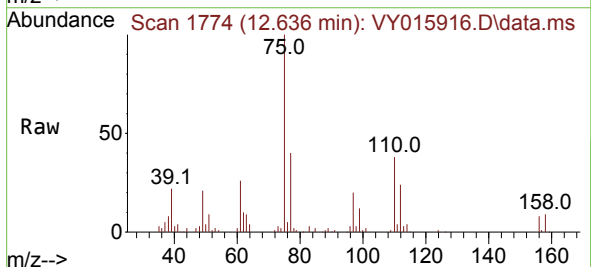
Acq: 11 Oct 2023 11:43

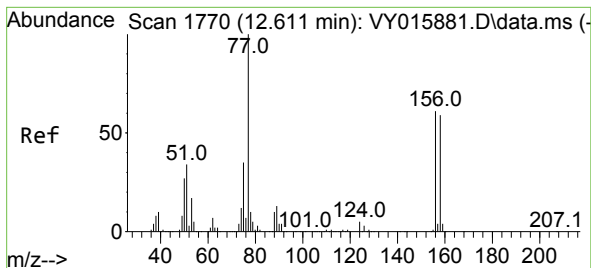
Tgt Ion: 75 Resp: 51904

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.142 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

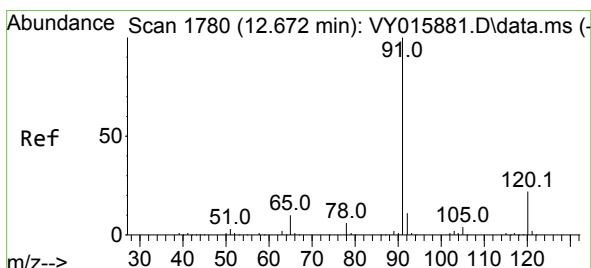
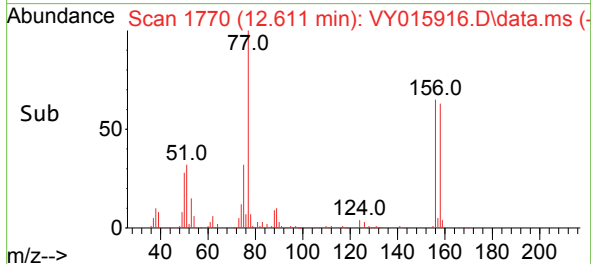
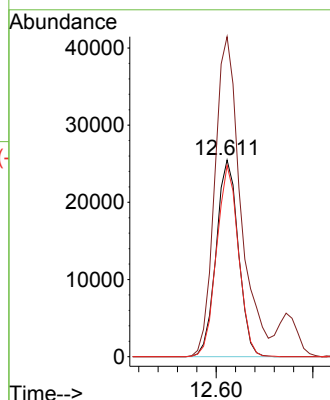
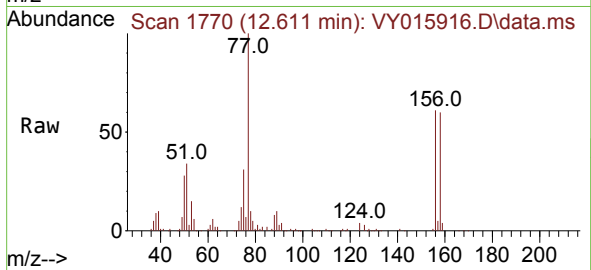
Tgt Ion:156 Resp: 40613

Ion Ratio Lower Upper

156 100

77 189.3 92.8 278.6

158 96.1 48.4 145.3



#78

n-propylbenzene

Concen: 20.650 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY015916.D

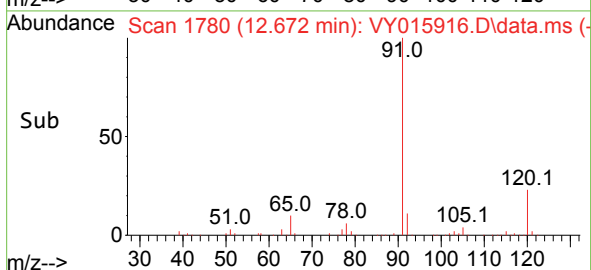
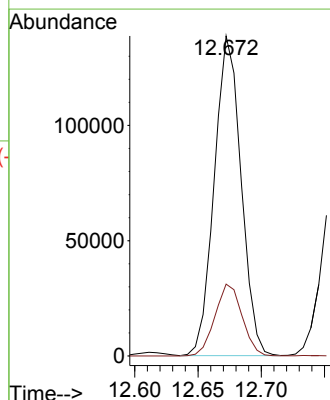
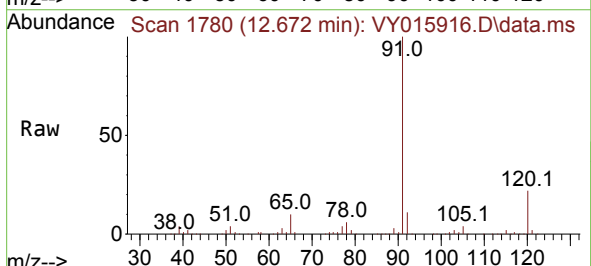
Acq: 11 Oct 2023 11:43

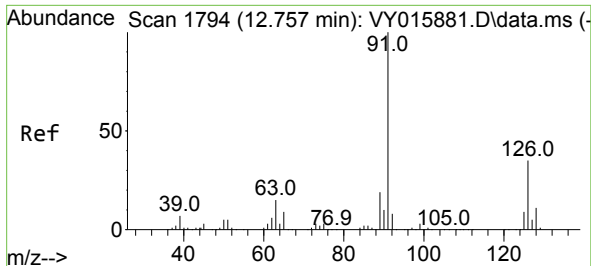
Tgt Ion: 91 Resp: 204206

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

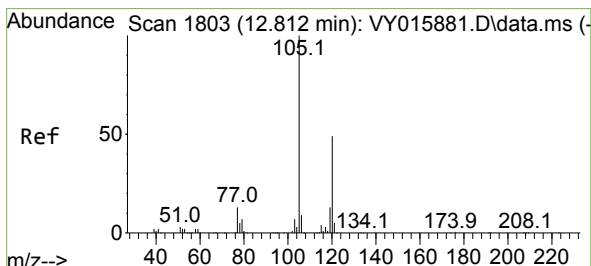
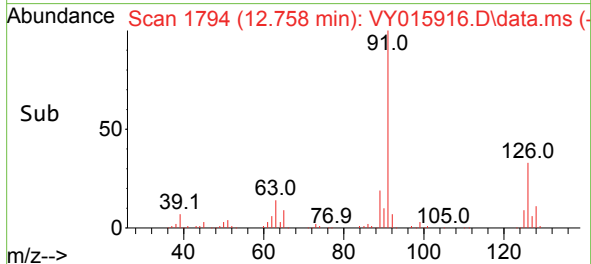
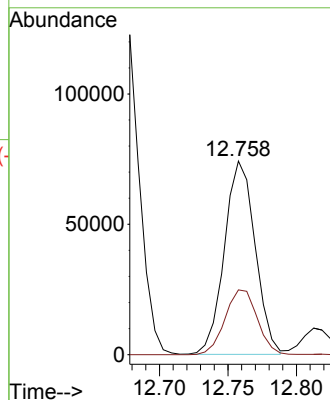
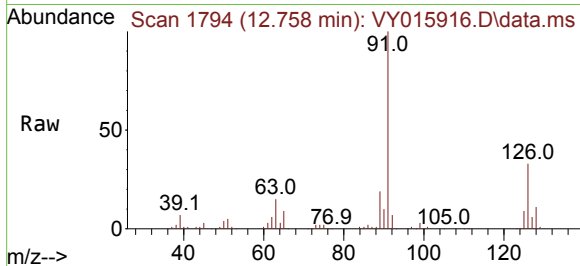




#79
2-Chlorotoluene
Concen: 20.631 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

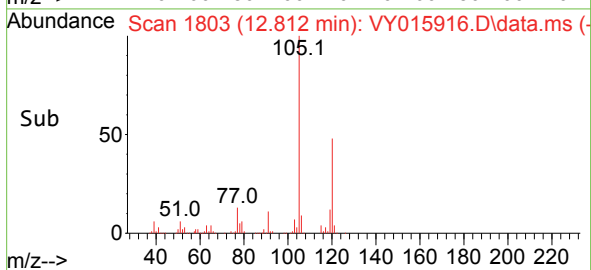
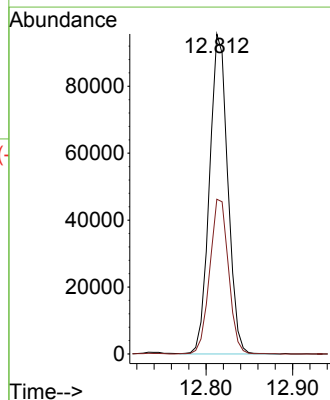
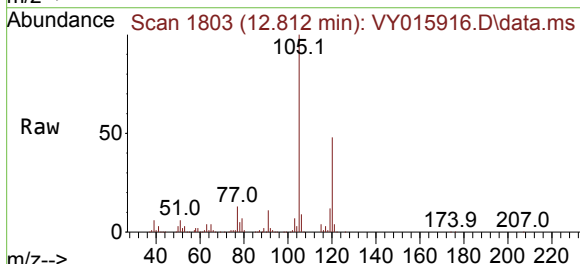
Instrument :
MSVOA_Y
ClientSampleId :

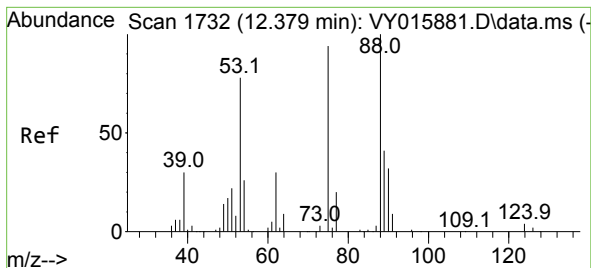
Tgt Ion: 91 Resp: 116213
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.675 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Tgt Ion: 105 Resp: 140125
Ion Ratio Lower Upper
105 100
120 49.6 23.9 71.7

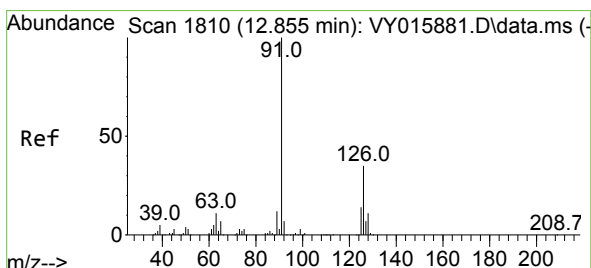
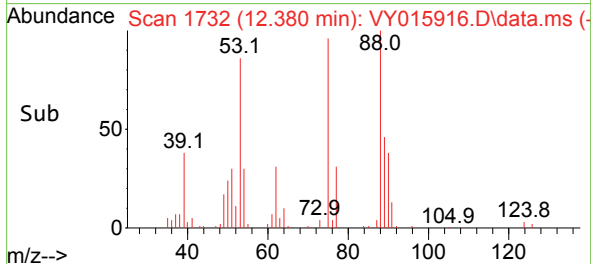
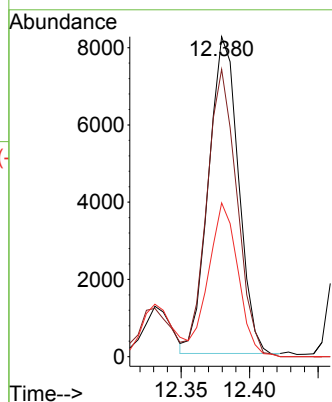
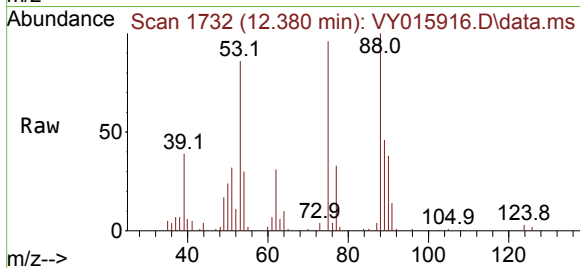




#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.110 ug/l
 RT: 12.380 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY015916.D
 Acq: 11 Oct 2023 11:43

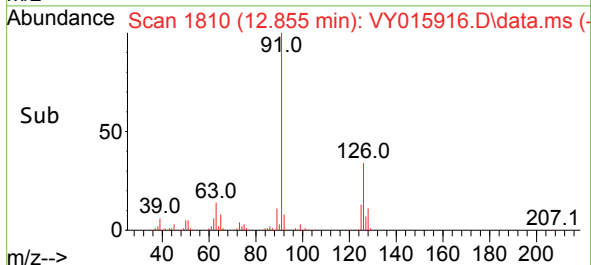
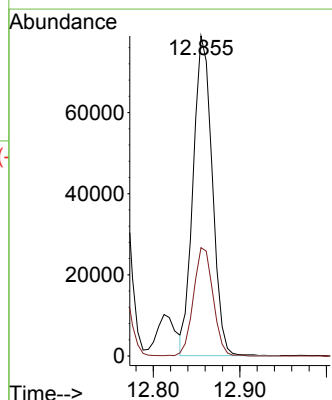
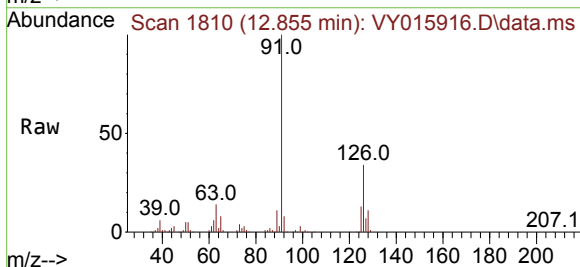
Instrument :
 MSVOA_Y
 ClientSampleId :

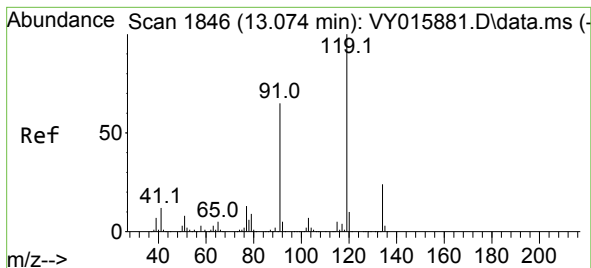
Tgt Ion: 75 Resp: 12428
 Ion Ratio Lower Upper
 75 100
 53 91.6 77.8 116.8
 89 47.7 37.4 56.0



#82
 4-Chlorotoluene
 Concen: 20.523 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VY015916.D
 Acq: 11 Oct 2023 11:43

Tgt Ion: 91 Resp: 120471
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.954 ug/l

RT: 13.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

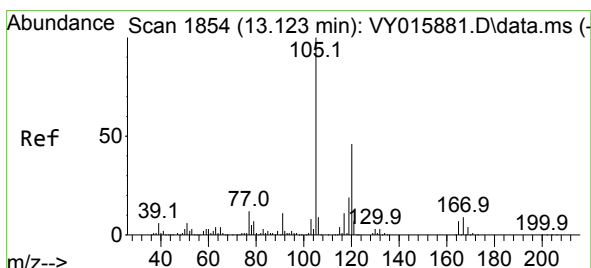
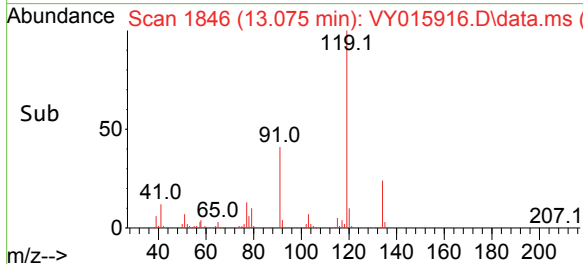
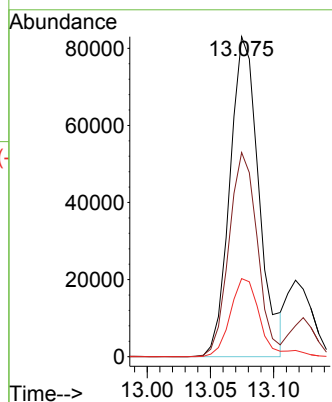
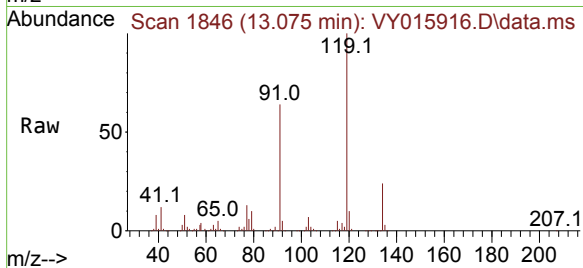
Tgt Ion:119 Resp: 132534

Ion Ratio Lower Upper

119 100

91 62.6 32.9 98.6

134 25.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.556 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY015916.D

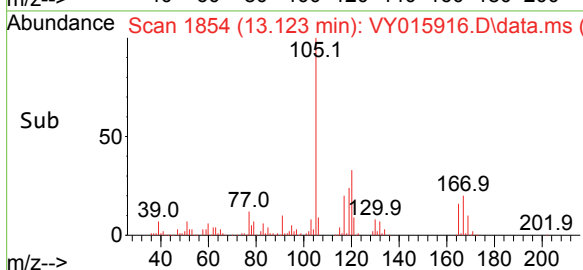
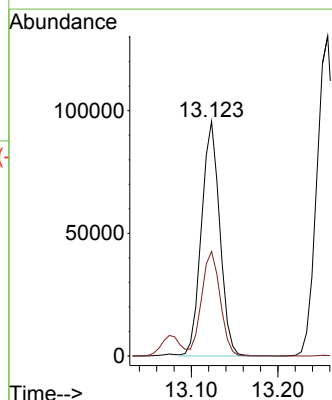
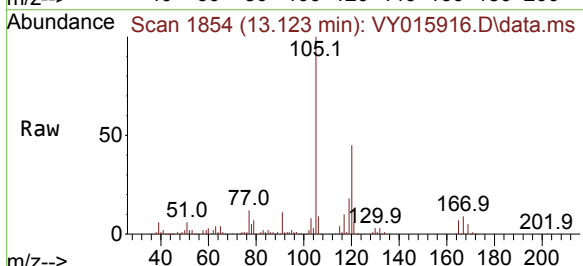
Acq: 11 Oct 2023 11:43

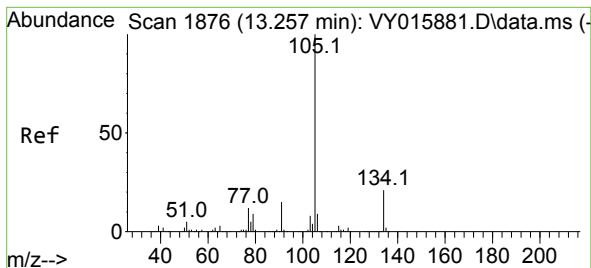
Tgt Ion:105 Resp: 140296

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.740 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

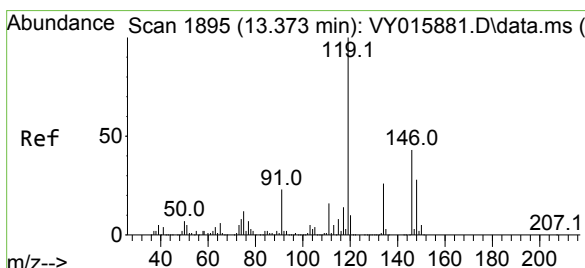
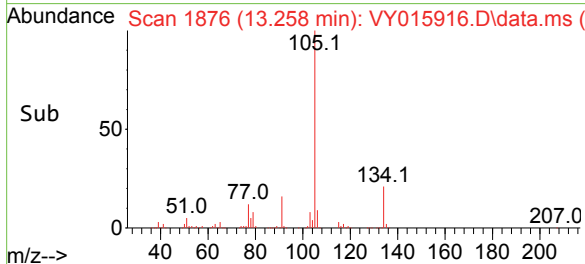
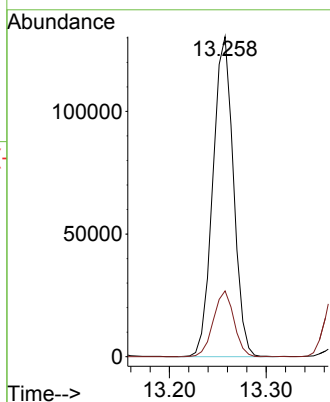
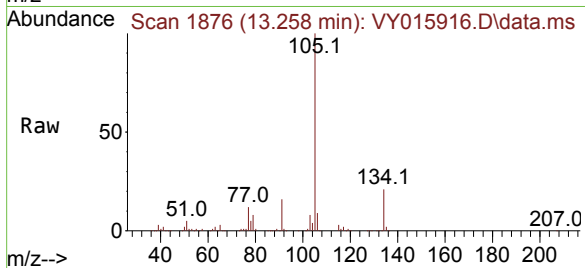
ClientSampleId :

Tgt Ion:105 Resp: 192389

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.873 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

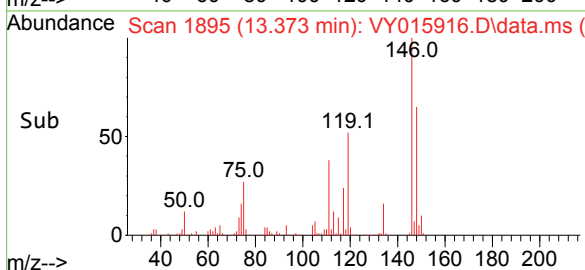
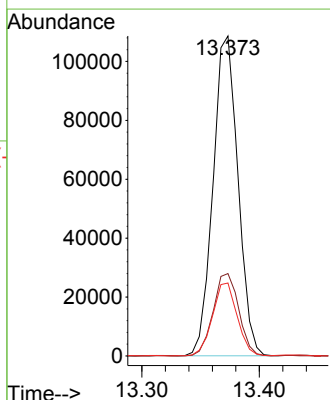
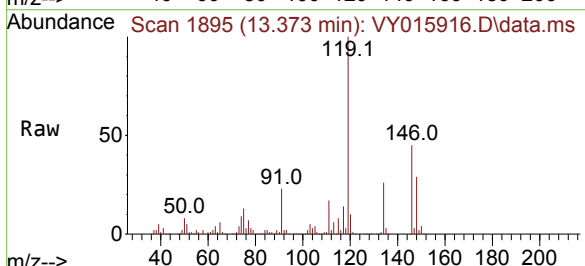
Tgt Ion:119 Resp: 160172

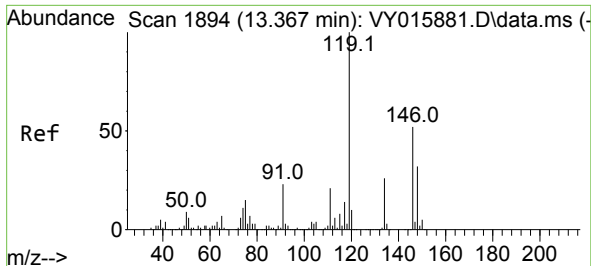
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 22.5 12.4 37.4

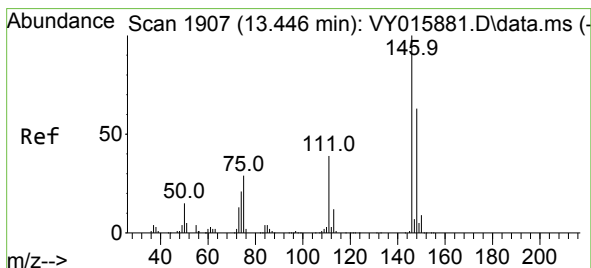
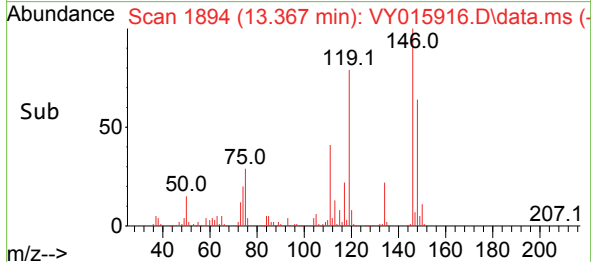
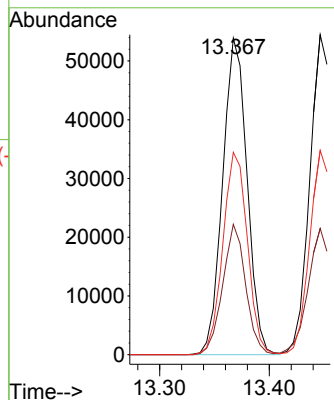
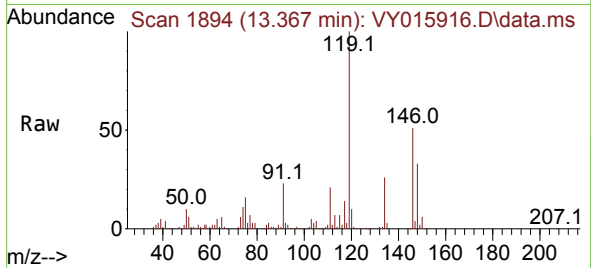




#87
 1,3-Dichlorobenzene
 Concen: 20.561 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY015916.D
 Acq: 11 Oct 2023 11:43

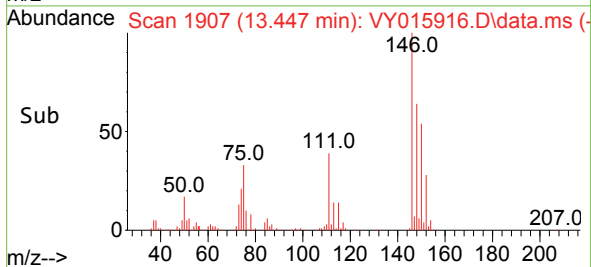
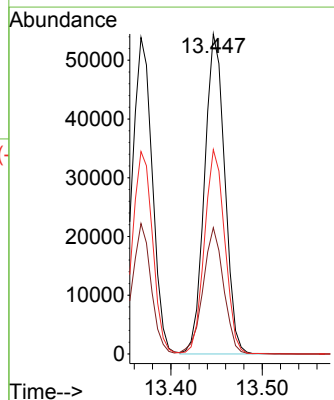
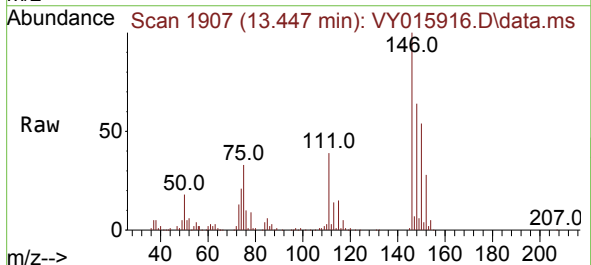
Instrument :
 MSVOA_Y
 ClientSampleId :

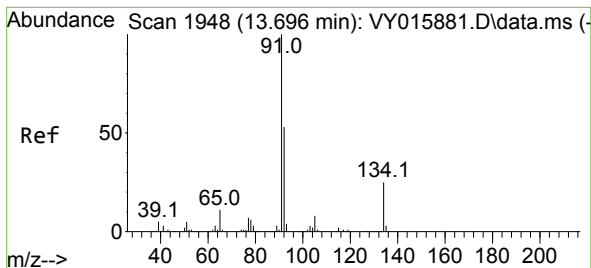
Tgt Ion:146 Resp: 83468
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.2
 148 64.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.435 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY015916.D
 Acq: 11 Oct 2023 11:43

Tgt Ion:146 Resp: 83539
 Ion Ratio Lower Upper
 146 100
 111 40.0 18.9 56.7
 148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 21.221 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

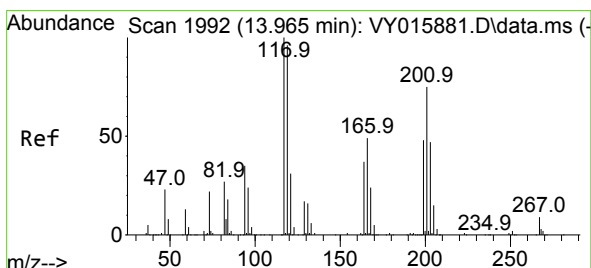
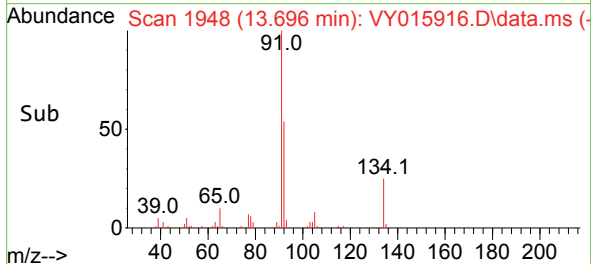
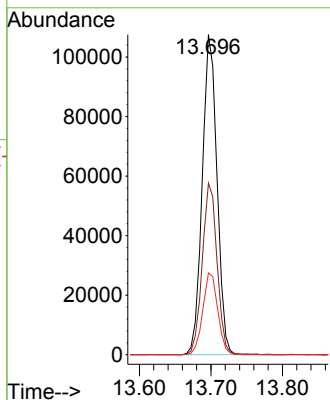
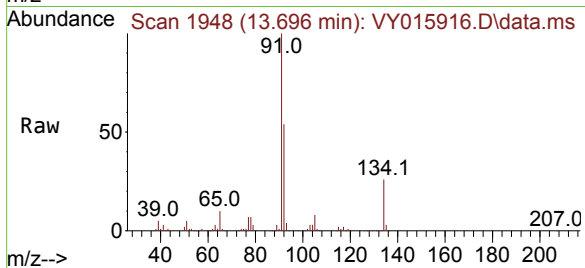
Tgt Ion: 91 Resp: 154101

Ion Ratio Lower Upper

91 100

92 53.7 25.4 76.0

134 25.9 12.6 37.6



#90

Hexachloroethane

Concen: 20.485 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY015916.D

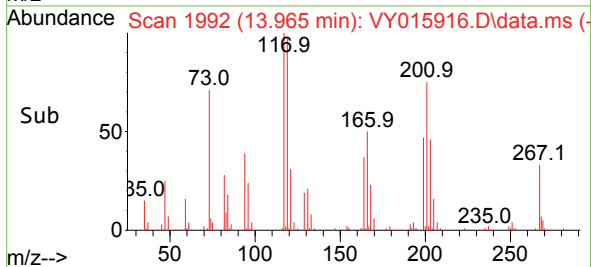
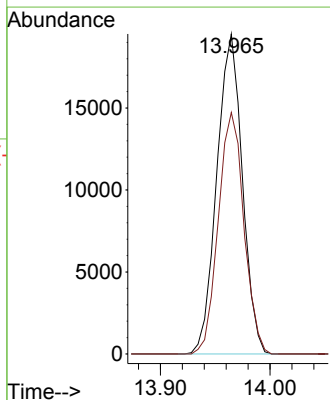
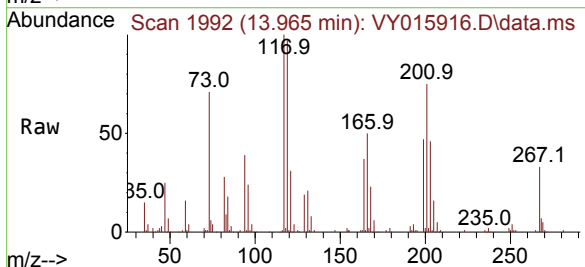
Acq: 11 Oct 2023 11:43

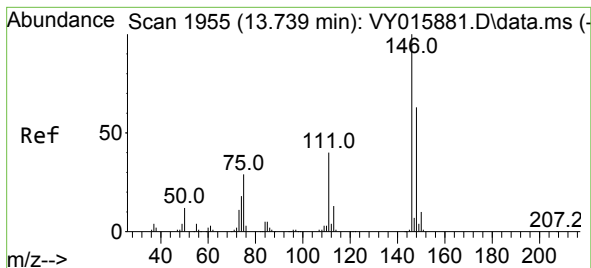
Tgt Ion: 117 Resp: 31547

Ion Ratio Lower Upper

117 100

201 75.7 41.6 124.8

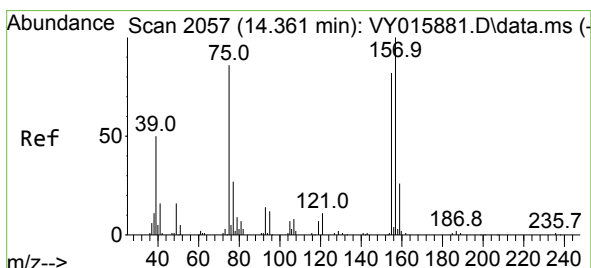
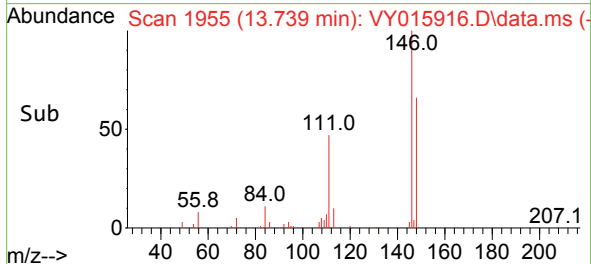
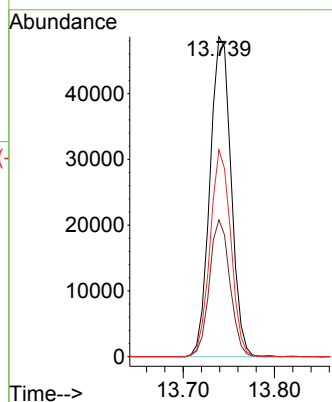
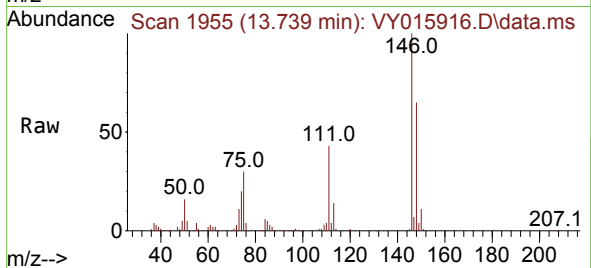




#91
1,2-Dichlorobenzene
Concen: 20.694 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

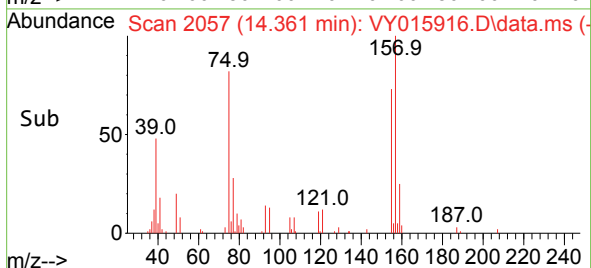
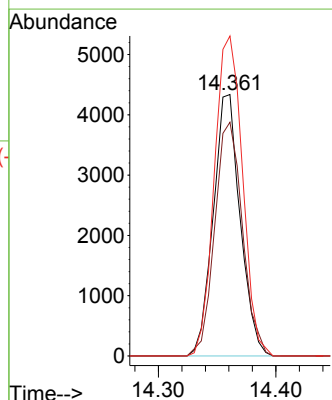
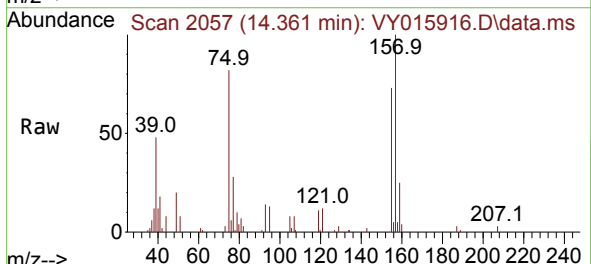
Instrument :
MSVOA_Y
ClientSampleId :

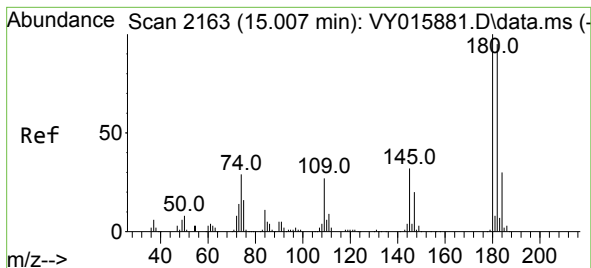
Tgt Ion:146 Resp: 78085
Ion Ratio Lower Upper
146 100
111 41.5 19.7 59.0
148 63.2 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.440 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY015916.D
Acq: 11 Oct 2023 11:43

Tgt Ion: 75 Resp: 6905
Ion Ratio Lower Upper
75 100
155 92.1 41.5 124.6
157 127.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.376 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

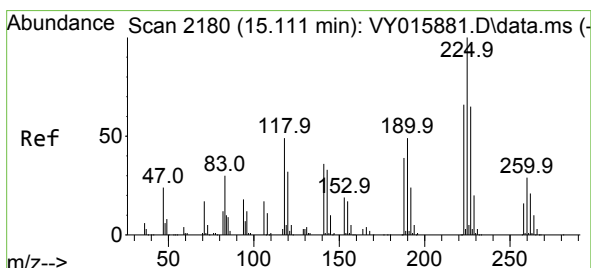
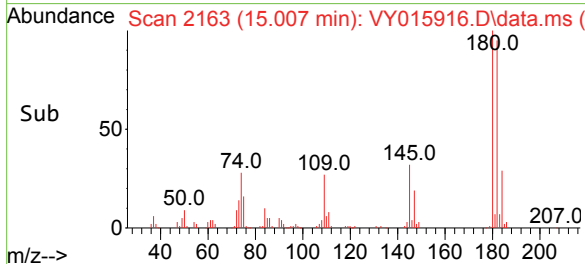
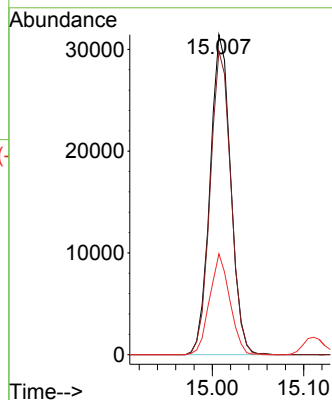
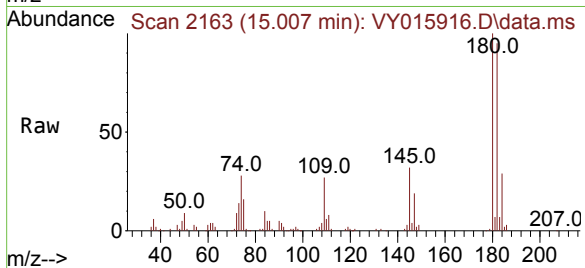
Tgt Ion:180 Resp: 49275

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 30.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.759 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

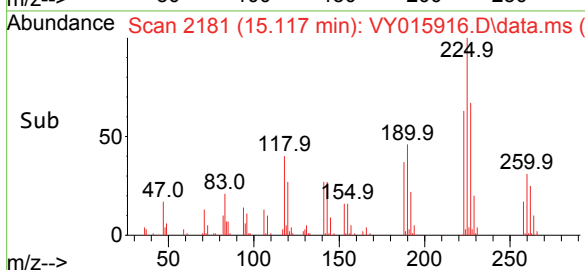
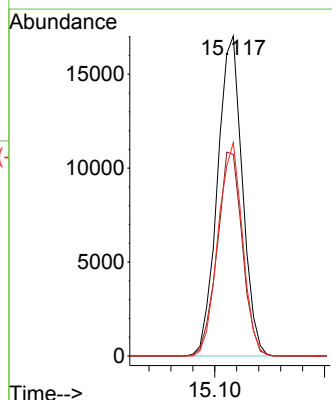
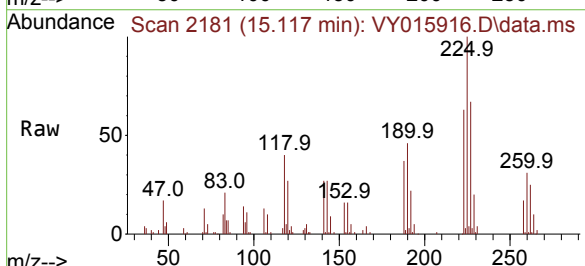
Tgt Ion:225 Resp: 26882

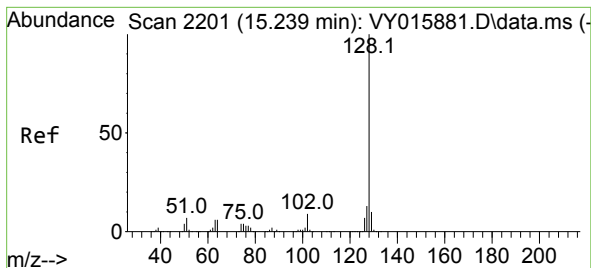
Ion Ratio Lower Upper

225 100

223 64.4 31.9 95.9

227 65.3 33.0 98.9





#95

Naphthalene

Concen: 19.365 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY015916.D

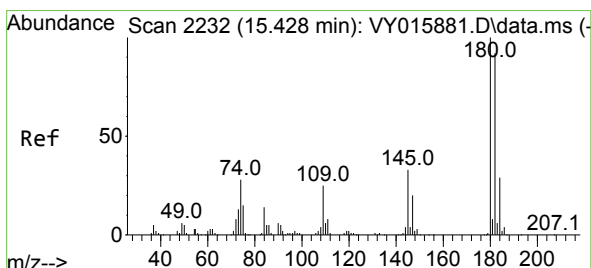
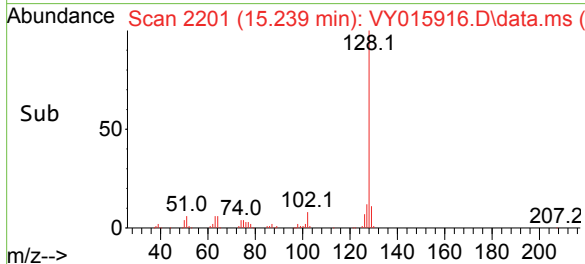
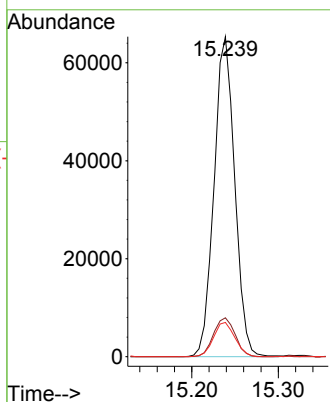
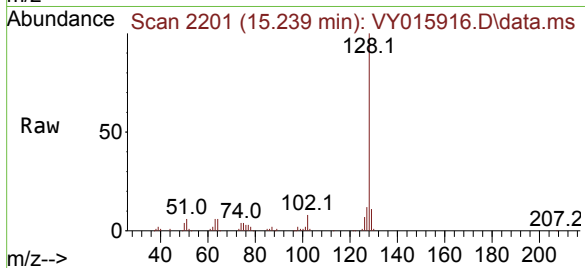
Acq: 11 Oct 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	108337
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.8	16.2
129	11.1	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.415 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY015916.D

Acq: 11 Oct 2023 11:43

Tgt Ion:	180	Resp:	43917
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.3	141.8
145	32.6	15.4	46.2

