

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016434.D
 Acq On : 21 Nov 2023 13:48
 Operator : SY/MD
 Sample : VY1121SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 01:12:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	144482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	232560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	198580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	93303	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	65365	49.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.000%
35) Dibromofluoromethane	7.734	113	75453	57.114	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.220%
50) Toluene-d8	10.191	98	291336	54.381	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.760%
62) 4-Bromofluorobenzene	12.495	95	93134	53.526	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.060%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	20136	14.233	ug/l	98
3) Chloromethane	2.125	50	26189	15.806	ug/l	99
4) Vinyl Chloride	2.259	62	29880	16.771	ug/l	95
5) Bromomethane	2.662	94	20339	17.371	ug/l	100
6) Chloroethane	2.808	64	20667	18.179	ug/l	99
7) Trichlorofluoromethane	3.143	101	53897	20.793	ug/l	99
8) Diethyl Ether	3.540	74	14700	18.975	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.912	101	32822	21.024	ug/l	95
10) Methyl Iodide	4.107	142	34715	20.589	ug/l	97
11) Tert butyl alcohol	4.966	59	8562	82.800	ug/l #	89
12) 1,1-Dichloroethene	3.893	96	30391	20.815	ug/l	83
13) Acrolein	3.741	56	9155	73.401	ug/l	100
14) Allyl chloride	4.497	41	39909	19.262	ug/l #	90
15) Acrylonitrile	5.186	53	28013	91.117	ug/l	97
16) Acetone	3.954	43	26863	122.983	ug/l #	86
17) Carbon Disulfide	4.210	76	74074	16.815	ug/l	100
18) Methyl Acetate	4.491	43	19629	16.912	ug/l #	88
19) Methyl tert-butyl Ether	5.235	73	67024	18.967	ug/l	100
20) Methylene Chloride	4.735	84	73312	47.324	ug/l #	84
21) trans-1,2-Dichloroethene	5.241	96	34734	20.662	ug/l	91
22) Diisopropyl ether	6.137	45	89235	19.985	ug/l #	87
23) Vinyl Acetate	6.076	43	193367	89.373	ug/l #	90
24) 1,1-Dichloroethane	6.033	63	58602	21.274	ug/l	95
25) 2-Butanone	7.003	43	37142	97.081	ug/l #	87
26) 2,2-Dichloropropane	7.003	77	56137	22.391	ug/l	96
27) cis-1,2-Dichloroethene	7.009	96	39658	21.890	ug/l	89
28) Bromochloromethane	7.350	49	20595	20.201	ug/l #	80
29) Tetrahydrofuran	7.368	42	20459	80.904	ug/l #	85
30) Chloroform	7.521	83	64653	22.548	ug/l	98
31) Cyclohexane	7.807	56	47756	18.369	ug/l	87
32) 1,1,1-Trichloroethane	7.722	97	59134	22.499	ug/l	96
36) 1,1-Dichloropropene	7.935	75	46839	20.419	ug/l	98
37) Ethyl Acetate	7.088	43	14790	15.957	ug/l #	91
38) Carbon Tetrachloride	7.917	117	53638	22.529	ug/l	99
39) Methylcyclohexane	9.197	83	54521	19.074	ug/l	91
40) Benzene	8.179	78	140042	21.729	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	7.362	41	19657	42.061	ug/l #	17
42) 1,2-Dichloroethane	8.252	62	34038	20.383	ug/l	92
43) Isopropyl Acetate	8.289	43	29231	16.315	ug/l #	83
44) Trichloroethene	8.953	130	41002	22.136	ug/l	96
45) 1,2-Dichloropropane	9.228	63	33126	21.402	ug/l	98
46) Dibromomethane	9.319	93	16978	20.242	ug/l	99
47) Bromodichloromethane	9.508	83	47493	22.025	ug/l	99
48) Methyl methacrylate	9.307	41	16389	16.552	ug/l #	81
49) 1,4-Dioxane	9.313	88	3051	342.629	ug/l #	52
51) 4-Methyl-2-Pentanone	10.081	43	74717	82.471	ug/l	88
52) Toluene	10.258	92	89516	21.972	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	43316	20.721	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	53307	21.350	ug/l #	87
55) 1,1,2-Trichloroethane	10.660	97	24122	20.866	ug/l	94
56) Ethyl methacrylate	10.520	69	19938	18.270	ug/l #	80
57) 1,3-Dichloropropane	10.801	76	40467	20.535	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	64271	86.856	ug/l #	88
59) 2-Hexanone	10.843	43	60442	89.691	ug/l	84
60) Dibromochloromethane	10.996	129	31259	21.620	ug/l	100
61) 1,2-Dibromoethane	11.105	107	22219	20.174	ug/l	98
64) Tetrachloroethene	10.734	164	40036	22.454	ug/l	98
65) Chlorobenzene	11.526	112	96450	22.733	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	35863	22.918	ug/l	97
67) Ethyl Benzene	11.605	91	172868	22.672	ug/l	97
68) m/p-Xylenes	11.715	106	131245	45.382	ug/l	95
69) o-Xylene	12.044	106	61527	22.914	ug/l	96
70) Styrene	12.056	104	88011	22.891	ug/l	97
71) Bromoform	12.221	173	17290	21.294	ug/l #	98
73) Isopropylbenzene	12.343	105	170701	22.593	ug/l	99
74) N-amyl acetate	12.154	43	24141	15.907	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.593	83	23934	19.741	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	30985	34.618	ug/l #	100
77) Bromobenzene	12.623	156	37777	22.122	ug/l	91
78) n-propylbenzene	12.684	91	199141	22.303	ug/l	98
79) 2-Chlorotoluene	12.770	91	110903	22.538	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	139112	22.837	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	7675	18.613	ug/l	90
82) 4-Chlorotoluene	12.867	91	114277	22.475	ug/l	98
83) tert-Butylbenzene	13.087	119	122636	22.856	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	135863	22.651	ug/l	98
85) sec-Butylbenzene	13.264	105	174470	22.761	ug/l	100
86) p-Isopropyltoluene	13.379	119	152803	23.150	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	74986	22.825	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	73116	22.773	ug/l	98
89) n-Butylbenzene	13.709	91	135006	22.148	ug/l	96
90) Hexachloroethane	13.971	117	28994	22.772	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	63032	22.390	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3253	16.864	ug/l	91
93) 1,2,4-Trichlorobenzene	15.019	180	35159	21.396	ug/l	98
94) Hexachlorobutadiene	15.123	225	23307	24.758	ug/l	96
95) Naphthalene	15.245	128	54129	18.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	27650	20.344	ug/l	99

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ALS Vial : 15 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :

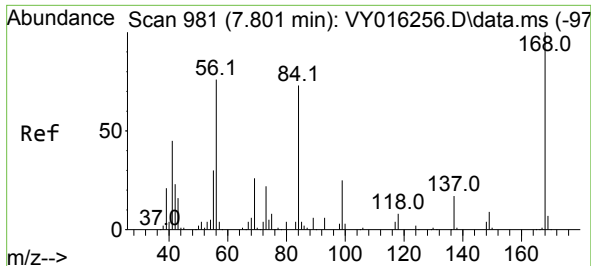
Quant Time: Nov 22 01:12:41 2023
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Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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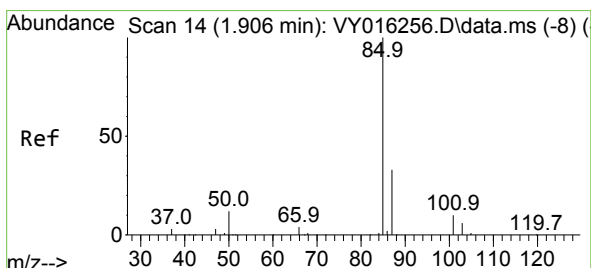
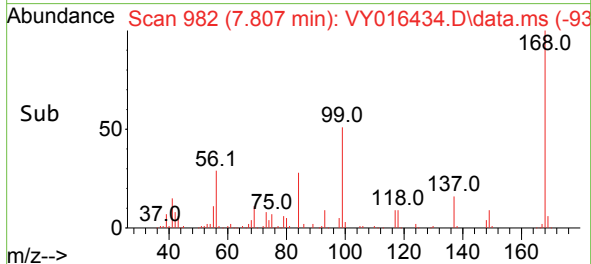
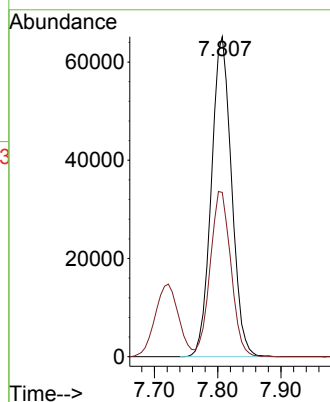
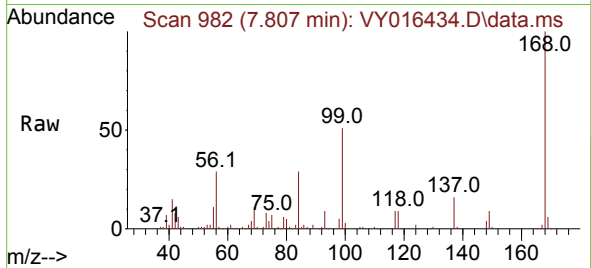




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

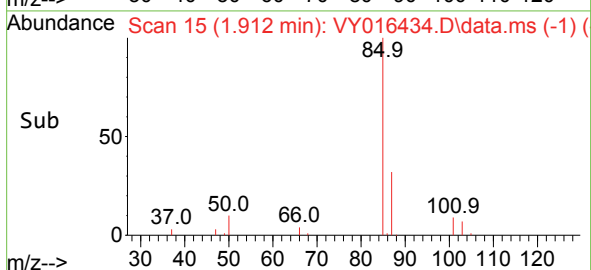
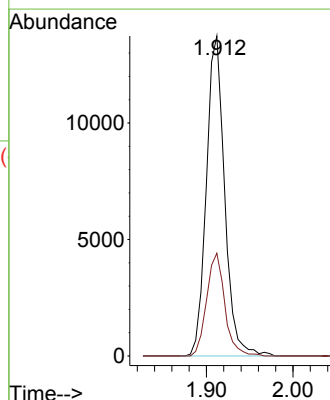
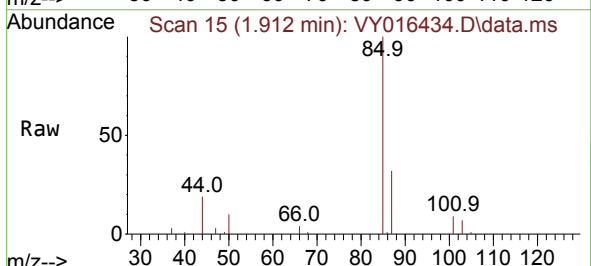
Instrument :
MSVOA_Y
ClientSampleId :

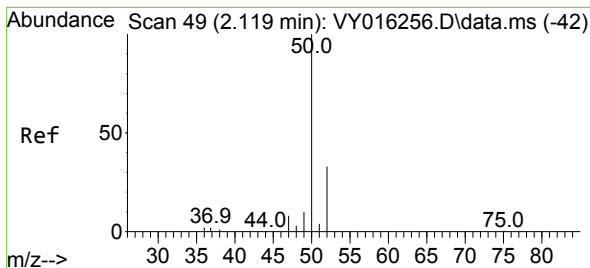
Tgt Ion:168 Resp: 144482
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 14.233 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

Tgt Ion: 85 Resp: 20136
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.8





#3

Chloromethane

Concen: 15.806 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

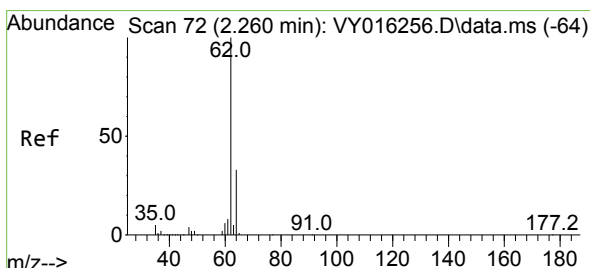
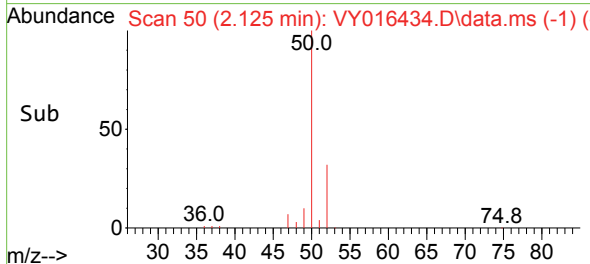
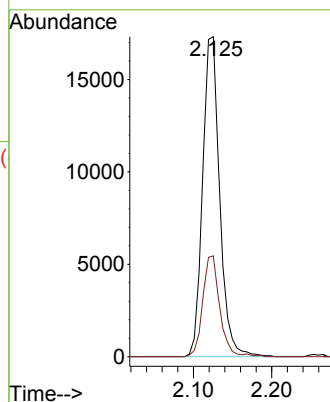
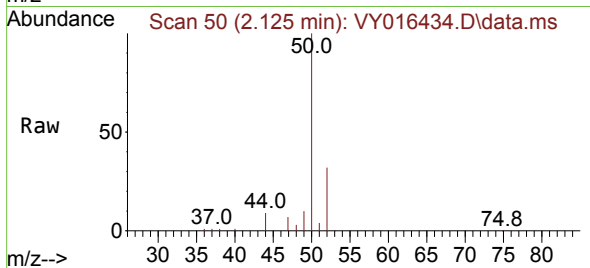
ClientSampleId :

Tgt Ion: 50 Resp: 26189

Ion Ratio Lower Upper

50 100

52 31.5 25.4 38.2



#4

Vinyl Chloride

Concen: 16.771 ug/l

RT: 2.259 min Scan# 72

Delta R.T. -0.000 min

Lab File: VY016434.D

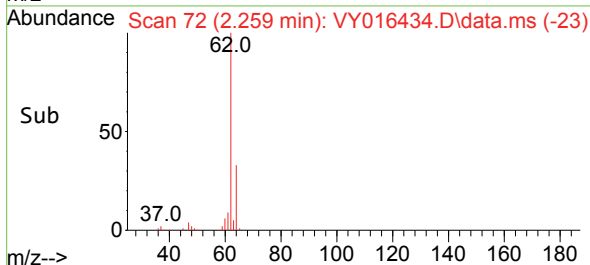
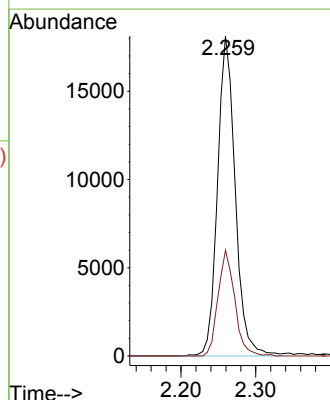
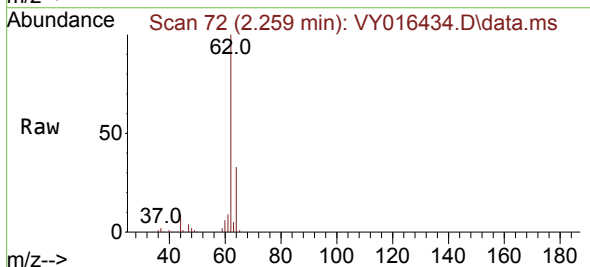
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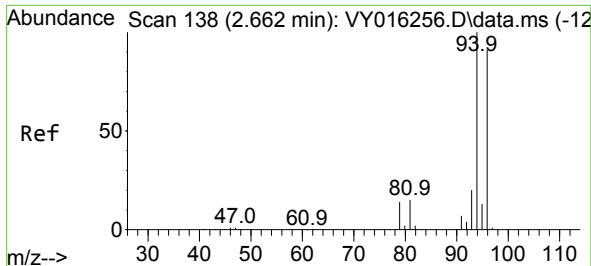
Tgt Ion: 62 Resp: 29880

Ion Ratio Lower Upper

62 100

64 33.0 24.3 36.5

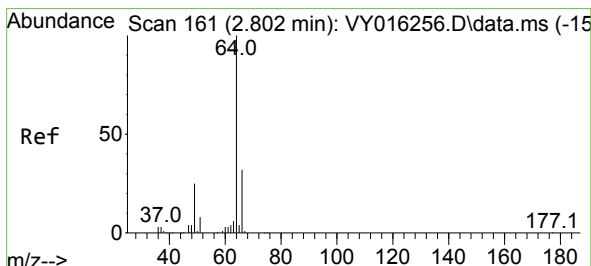
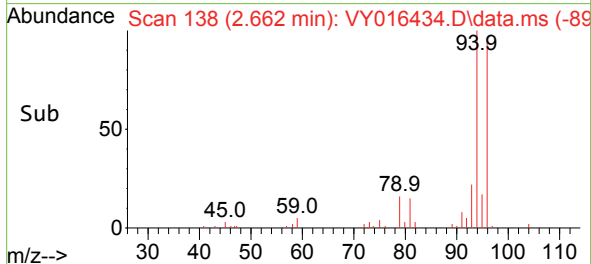
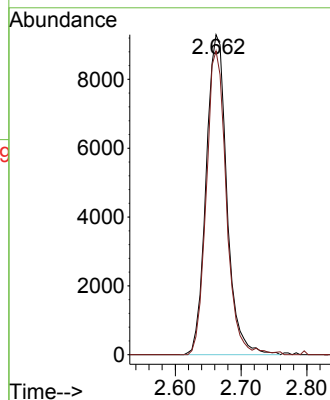
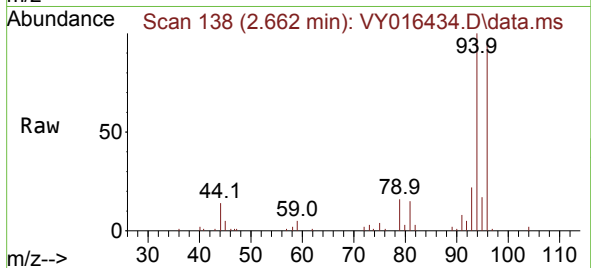




#5
Bromomethane
Concen: 17.371 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

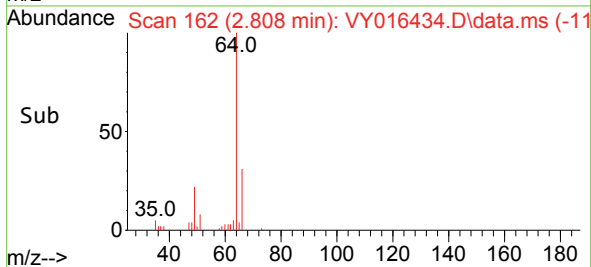
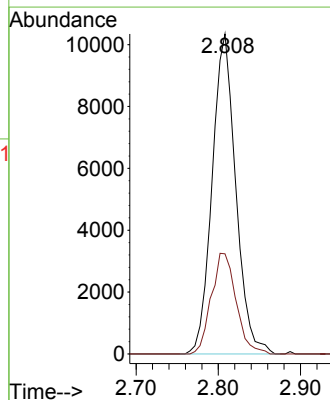
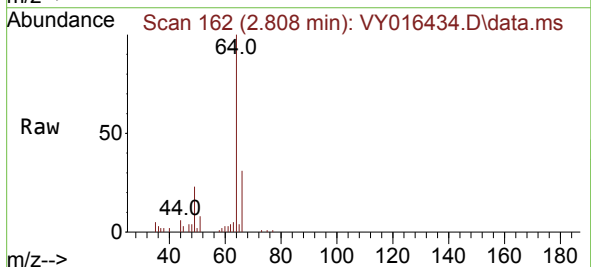
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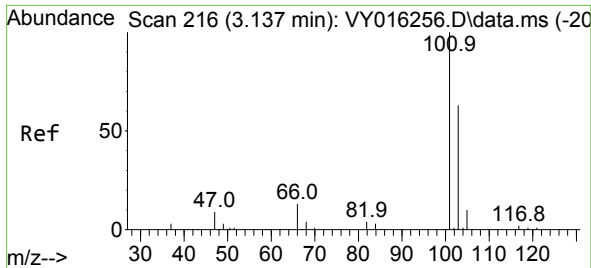
Tgt Ion: 94 Resp: 20339
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.6



#6
Chloroethane
Concen: 18.179 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

Tgt Ion: 64 Resp: 20667
Ion Ratio Lower Upper
64 100
66 31.3 24.4 36.6

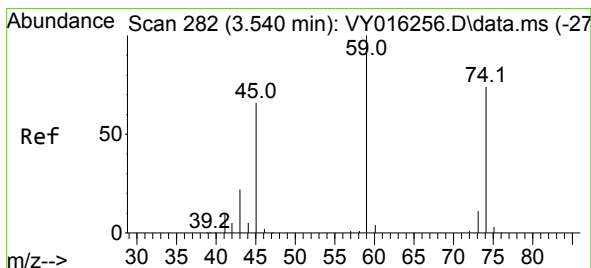
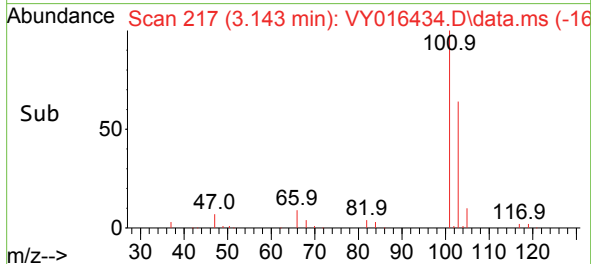
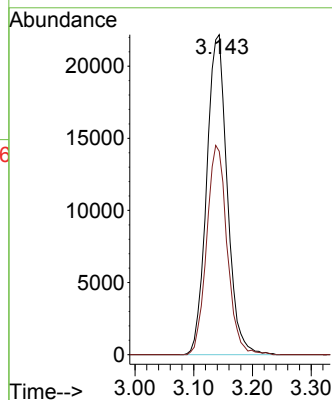
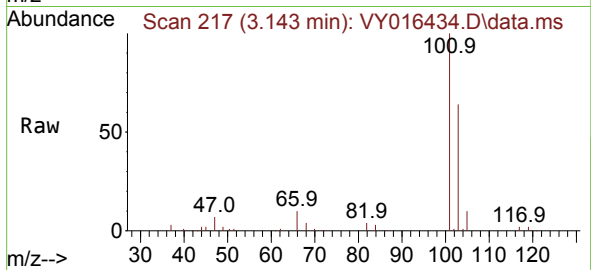




#7
 Trichlorofluoromethane
 Concen: 20.793 ug/l
 RT: 3.143 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY016434.D
 Acq: 21 Nov 2023 13:48

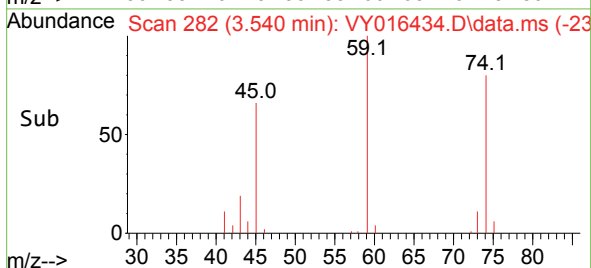
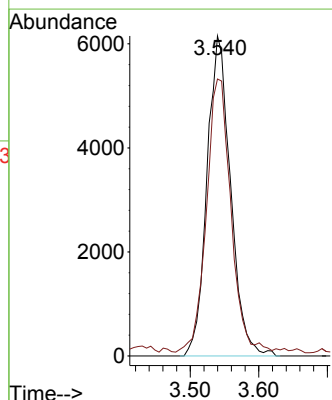
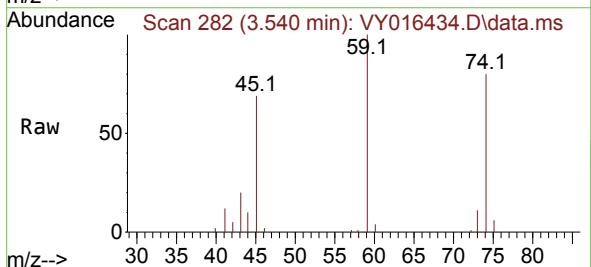
Instrument :
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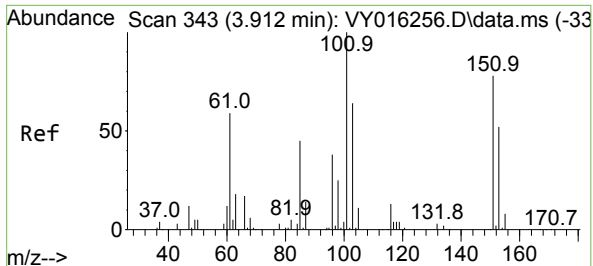
Tgt Ion:101 Resp: 53897
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 18.975 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.000 min
 Lab File: VY016434.D
 Acq: 21 Nov 2023 13:48

Tgt Ion: 74 Resp: 14700
 Ion Ratio Lower Upper
 74 100
 45 88.3 51.5 154.5

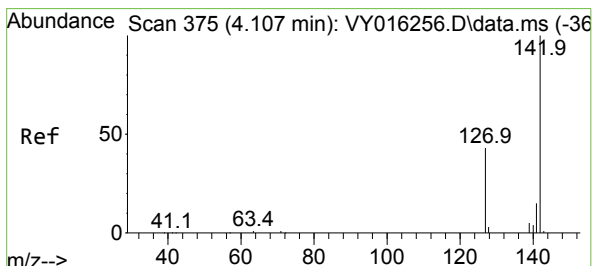
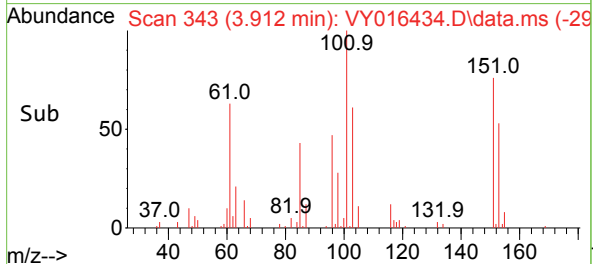
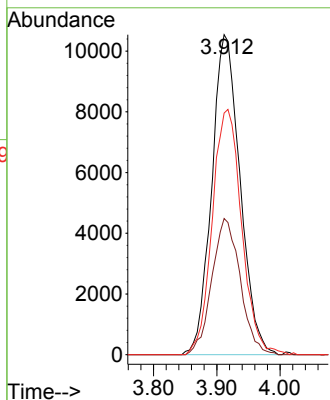
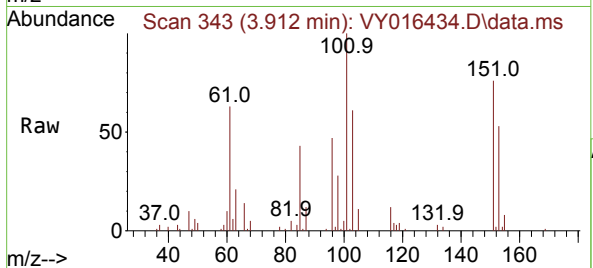




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.024 ug/l
RT: 3.912 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

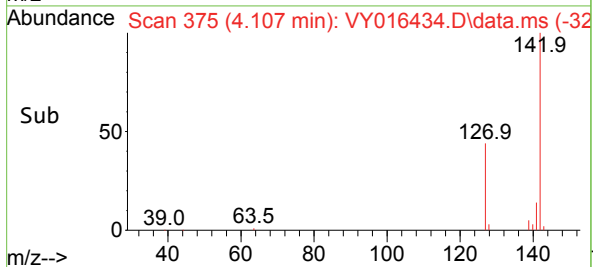
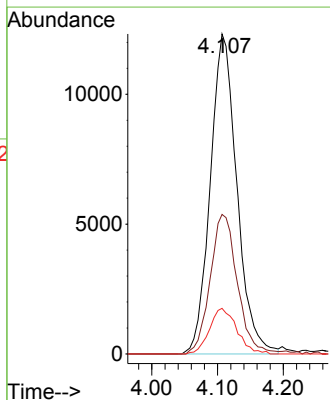
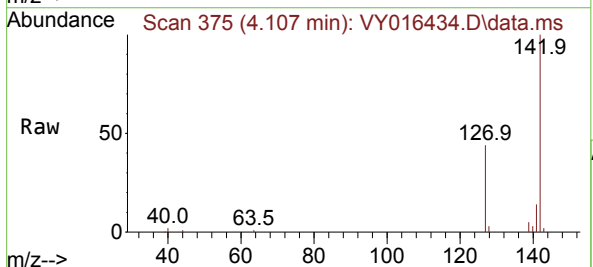
Instrument :
MSVOA_Y
ClientSampleId :

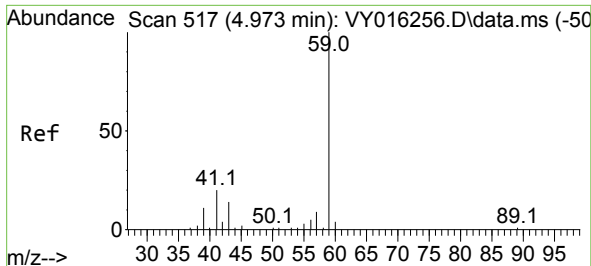
Tgt Ion:101 Resp: 32822
Ion Ratio Lower Upper
101 100
85 42.5 36.6 55.0
151 79.3 67.0 100.6



#10
Methyl Iodide
Concen: 20.589 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

Tgt Ion:142 Resp: 34715
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 14.7 11.8 17.8

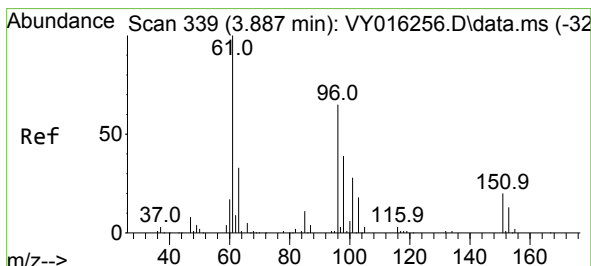
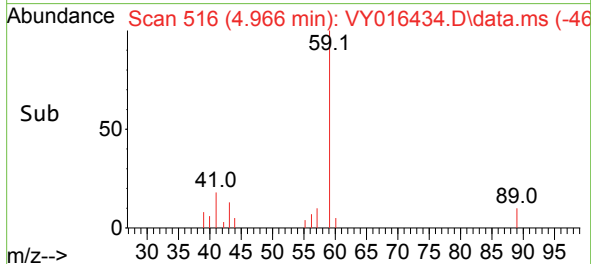
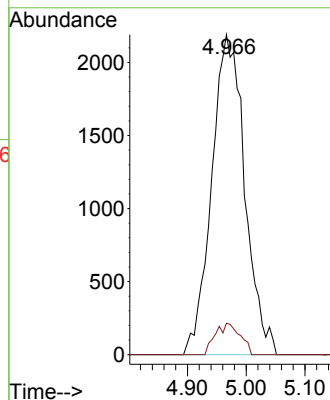
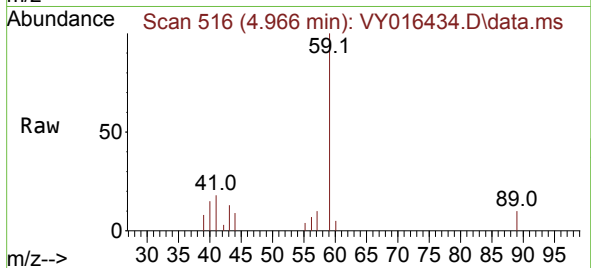




#11
Tert butyl alcohol
Concen: 82.800 ug/l
RT: 4.966 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

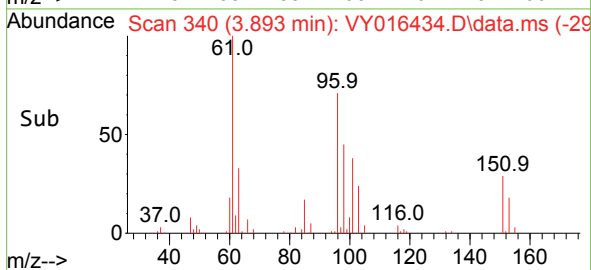
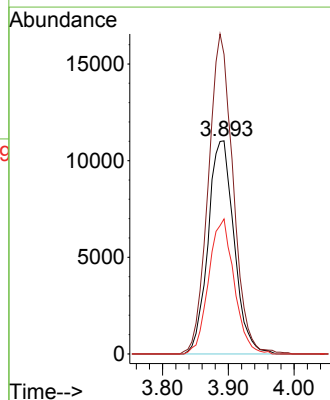
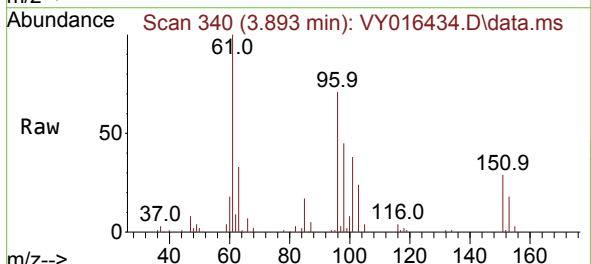
Instrument :
MSVOA_Y
ClientSampleId :

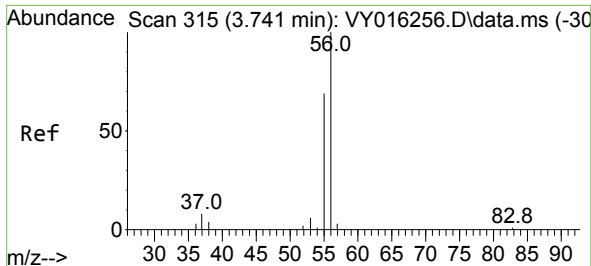
Tgt Ion: 59 Resp: 8562
Ion Ratio Lower Upper
59 100
57 7.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.815 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

Tgt Ion: 96 Resp: 30391
Ion Ratio Lower Upper
96 100
61 140.5 136.4 204.6
98 63.3 49.4 74.2

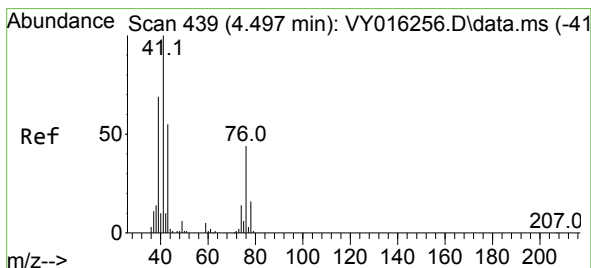
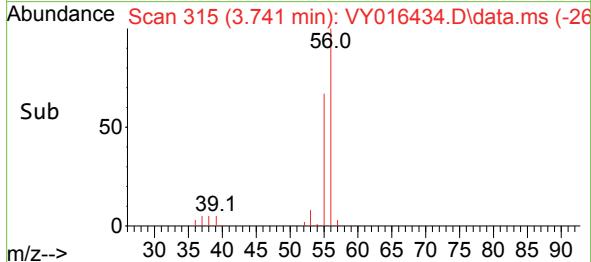
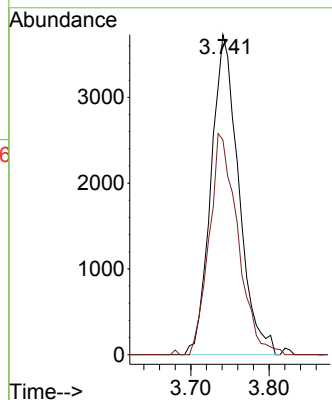
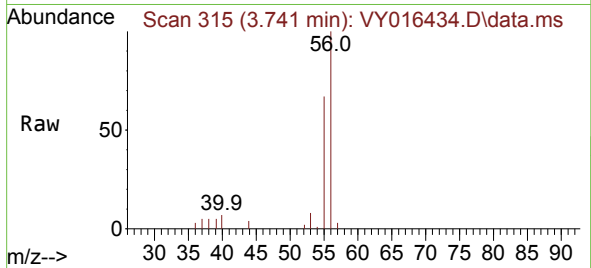




#13
Acrolein
Concen: 73.401 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

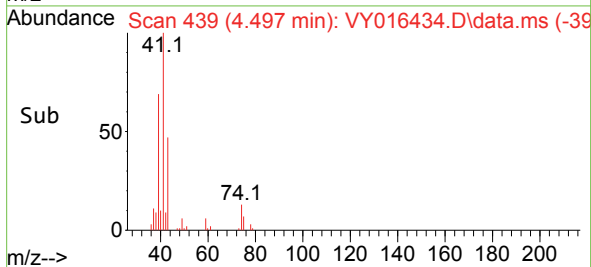
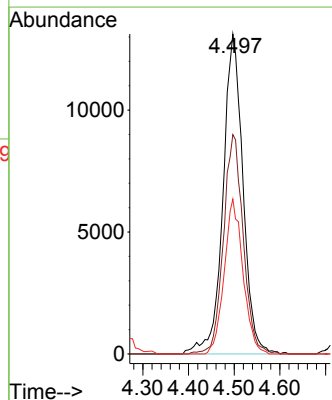
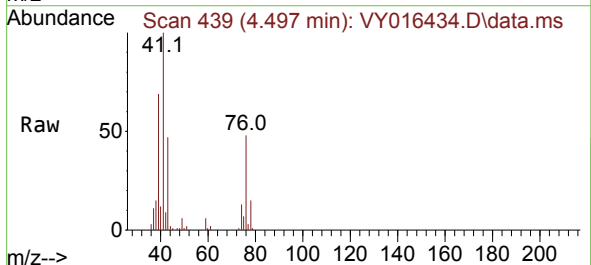
Instrument :
MSVOA_Y
ClientSampleId :

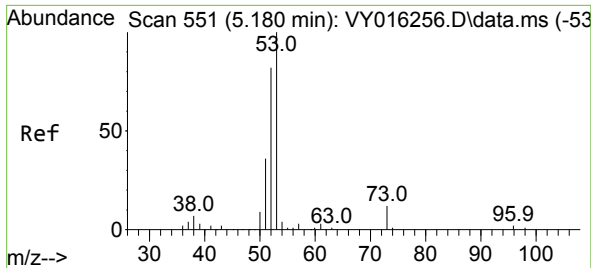
Tgt Ion: 56 Resp: 9155
Ion Ratio Lower Upper
56 100
55 71.5 57.0 85.4



#14
Allyl chloride
Concen: 19.262 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

Tgt Ion: 41 Resp: 39909
Ion Ratio Lower Upper
41 100
39 67.8 58.0 87.0
76 45.4 27.4 41.2#

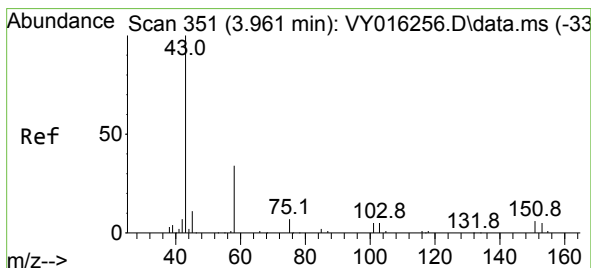
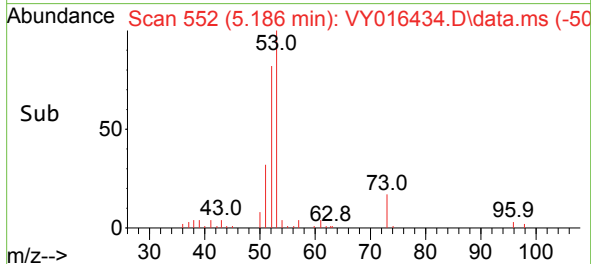
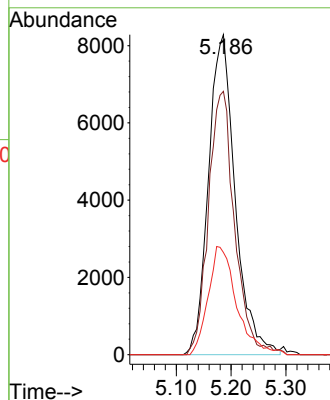
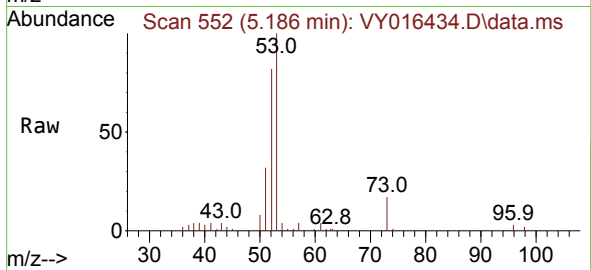




#15
Acrylonitrile
Concen: 91.117 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

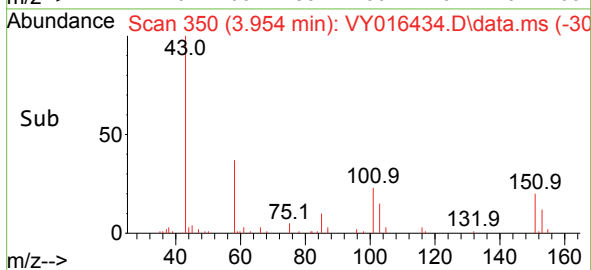
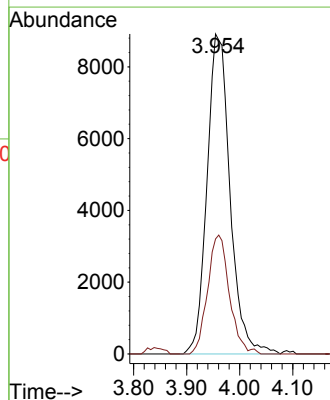
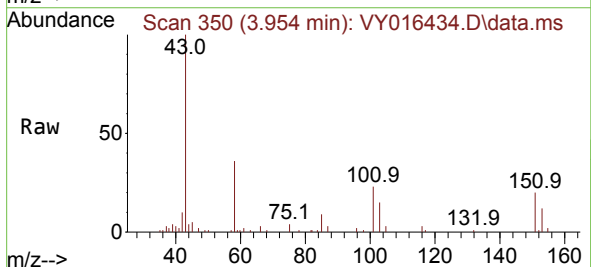
Instrument :
MSVOA_Y
ClientSampleId :

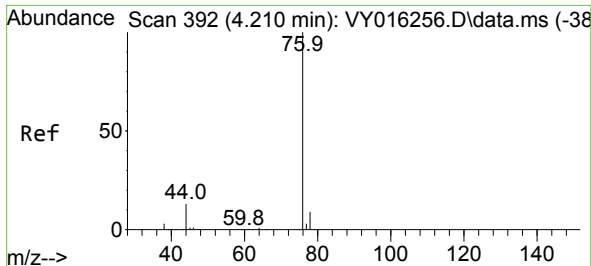
Tgt Ion:	53	Resp:	28013
Ion	Ratio	Lower	Upper
53	100		
52	80.6	66.9	100.3
51	36.1	29.8	44.6



#16
Acetone
Concen: 122.983 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

Tgt Ion:	43	Resp:	26863
Ion	Ratio	Lower	Upper
43	100		
58	36.0	22.7	34.1#





#17

Carbon Disulfide

Concen: 16.815 ug/l

RT: 4.210 min Scan# 392

Delta R.T. -0.000 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

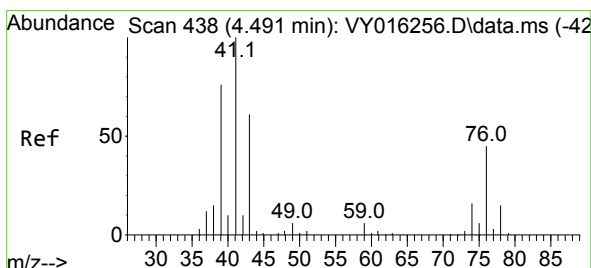
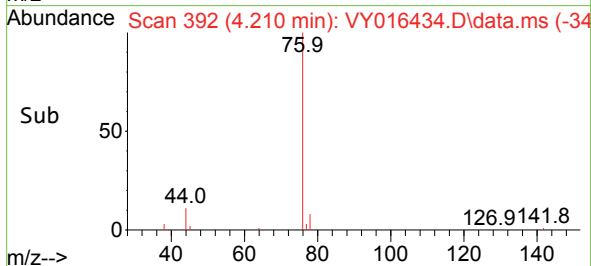
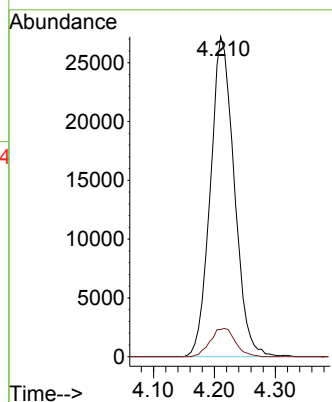
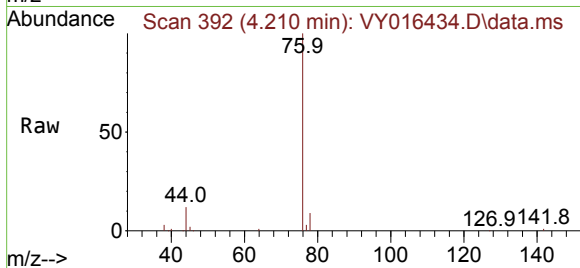
ClientSampleId :

Tgt Ion: 76 Resp: 74074

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.4



#18

Methyl Acetate

Concen: 16.912 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY016434.D

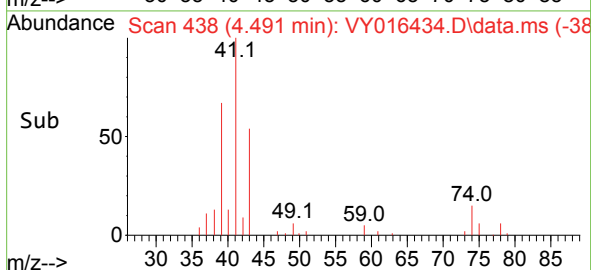
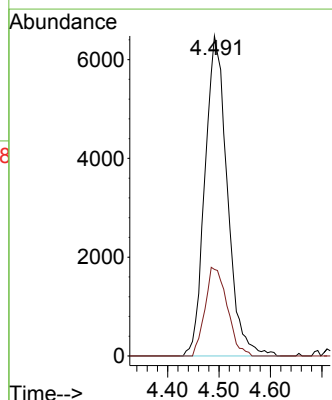
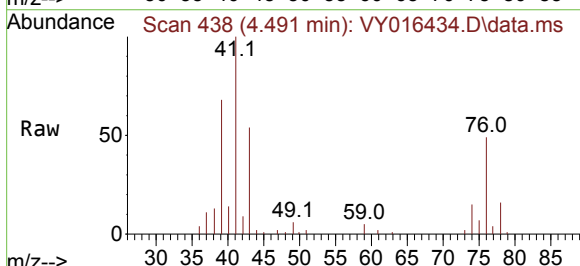
Acq: 21 Nov 2023 13:48

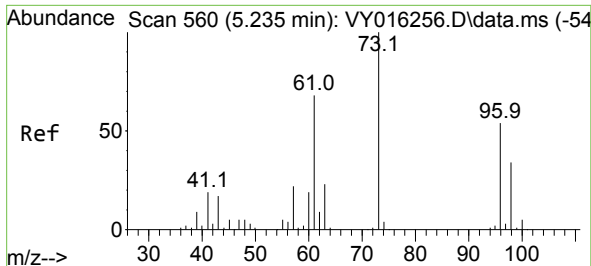
Tgt Ion: 43 Resp: 19629

Ion Ratio Lower Upper

43 100

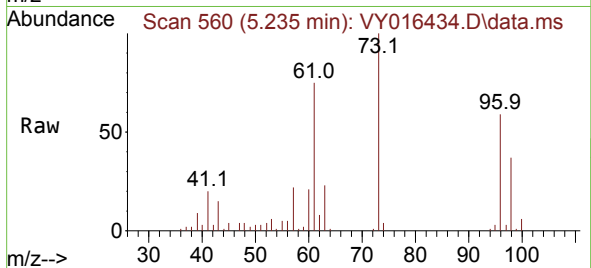
74 27.4 17.4 26.0#



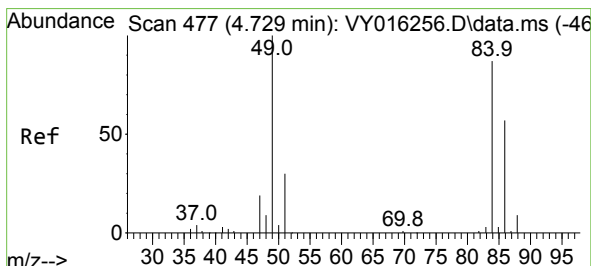
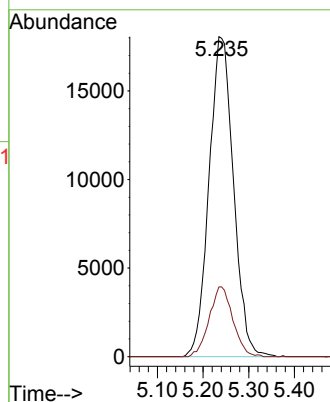
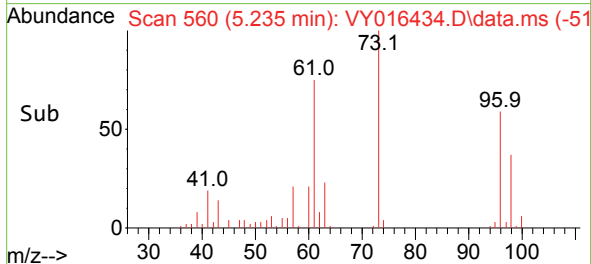


#19
Methyl tert-butyl Ether
Concen: 18.967 ug/l
RT: 5.235 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

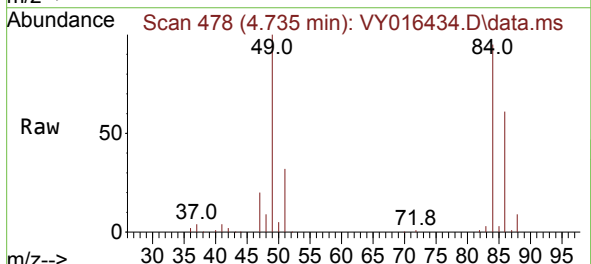
Instrument :
MSVOA_Y
ClientSampleId :



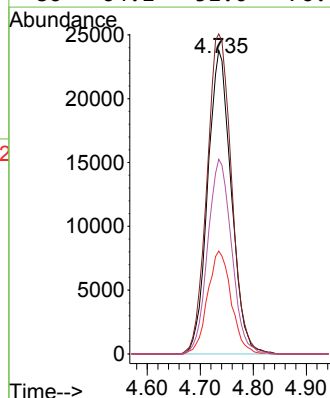
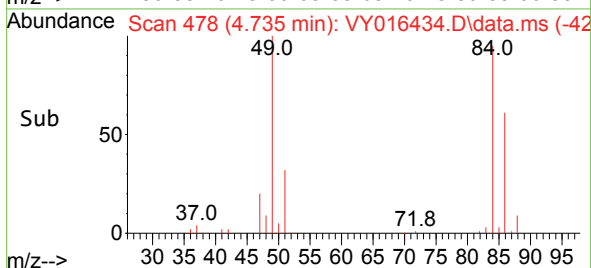
Tgt Ion: 73 Resp: 67024
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

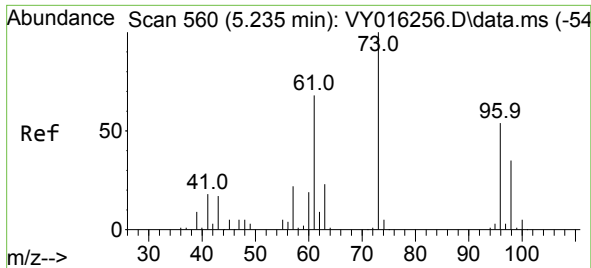


#20
Methylene Chloride
Concen: 47.324 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48



Tgt Ion: 84 Resp: 73312
Ion Ratio Lower Upper
84 100
49 105.4 106.9 160.3#
51 33.9 33.2 49.8
86 64.1 51.0 76.6

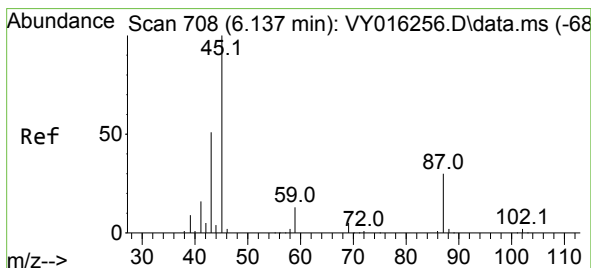
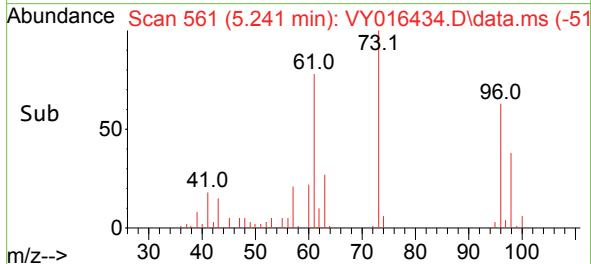
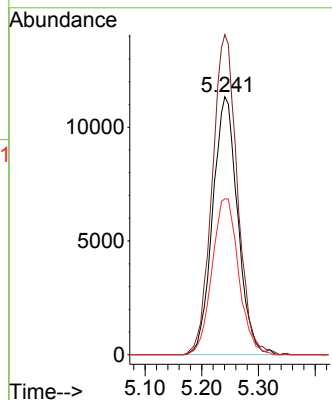
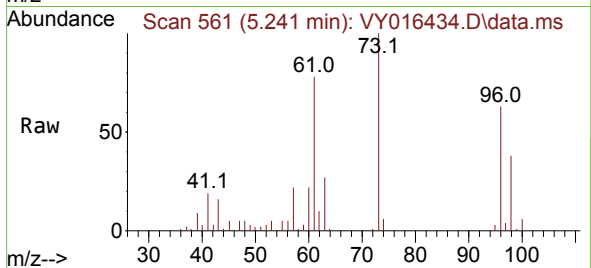




#21
trans-1,2-Dichloroethene
Concen: 20.662 ug/l
RT: 5.241 min Scan# 561
Delta R.T. 0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

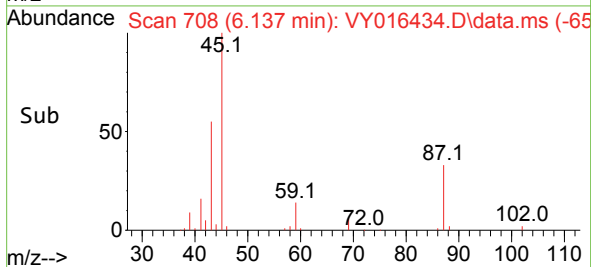
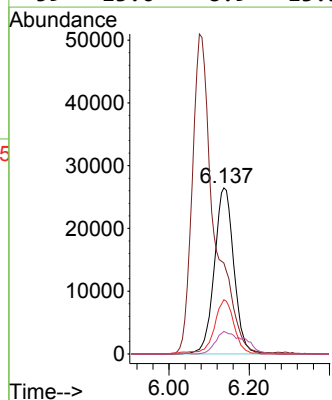
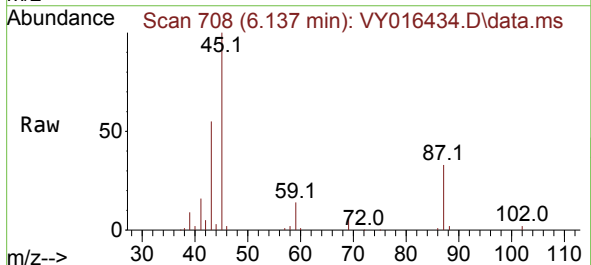
Instrument :
MSVOA_Y
ClientSampleId :

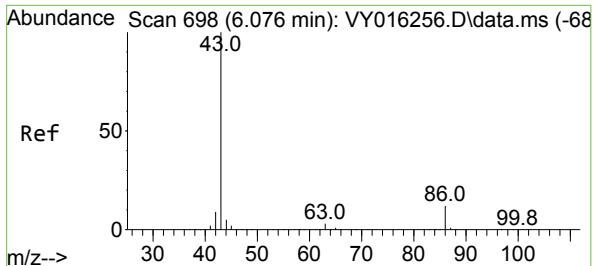
Tgt Ion: 96 Resp: 34734
Ion Ratio Lower Upper
96 100
61 124.1 110.2 165.4
98 60.4 51.8 77.6



#22
Diisopropyl ether
Concen: 19.985 ug/l
RT: 6.137 min Scan# 708
Delta R.T. -0.000 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

Tgt Ion: 45 Resp: 89235
Ion Ratio Lower Upper
45 100
43 53.7 52.2 78.4
87 32.6 21.0 31.6#
59 13.6 8.9 13.3#

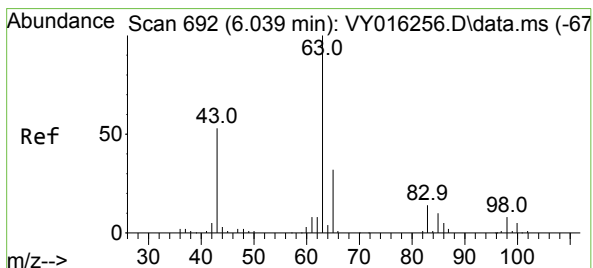
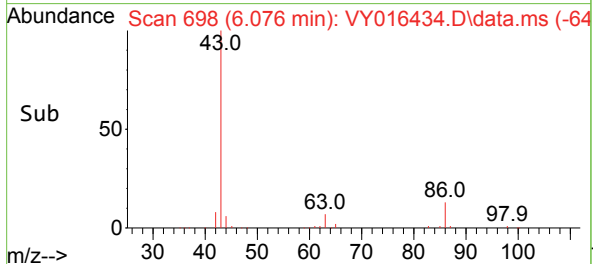
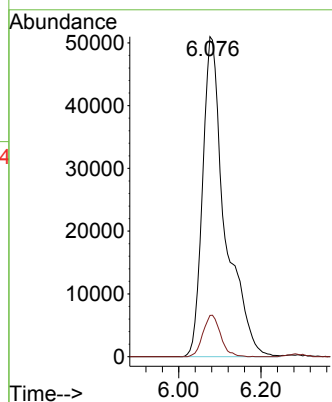
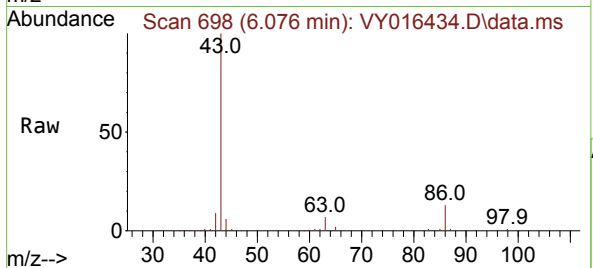




#23
 Vinyl Acetate
 Concen: 89.373 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016434.D
 Acq: 21 Nov 2023 13:48

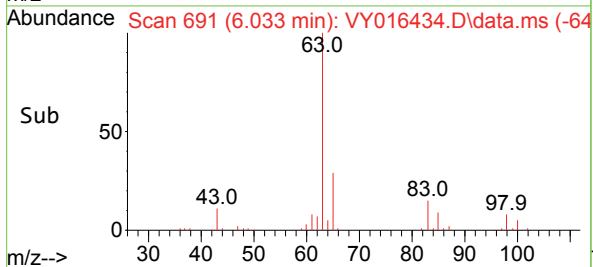
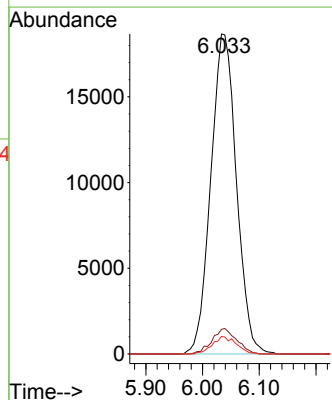
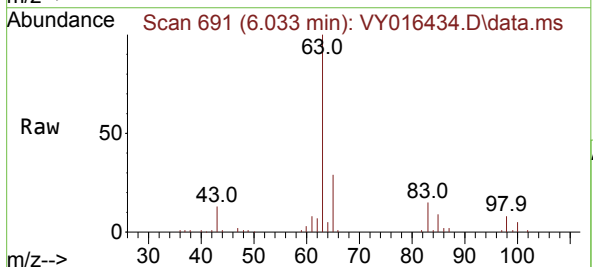
Instrument :
 MSVOA_Y
 ClientSampleId :

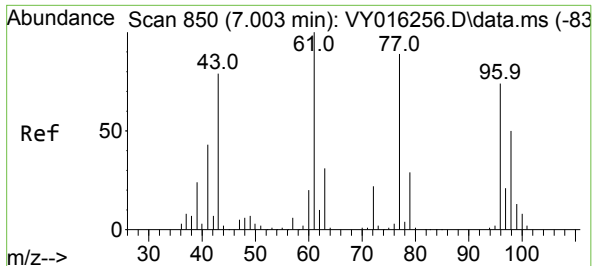
Tgt Ion: 43 Resp: 193367
 Ion Ratio Lower Upper
 43 100
 86 12.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 21.274 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.006 min
 Lab File: VY016434.D
 Acq: 21 Nov 2023 13:48

Tgt Ion: 63 Resp: 58602
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 5.5 1.8 5.5





#25

2-Butanone

Concen: 97.081 ug/l

RT: 7.003 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

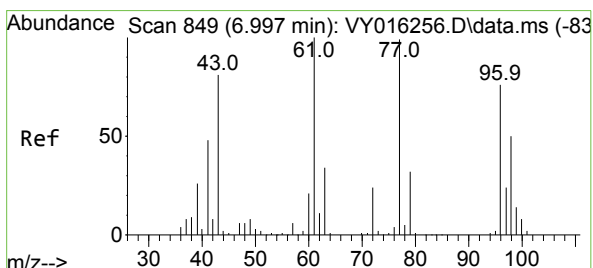
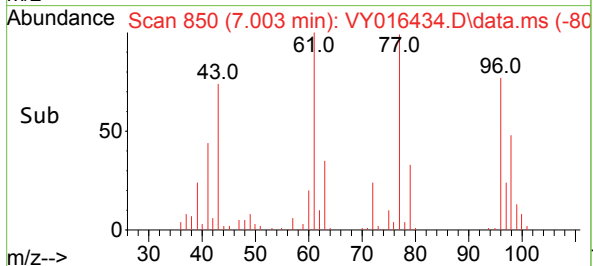
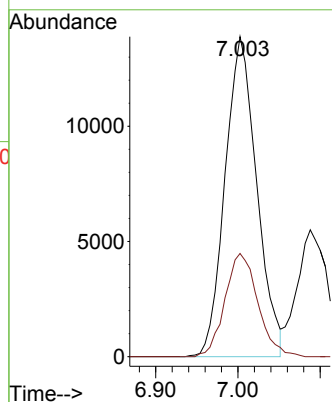
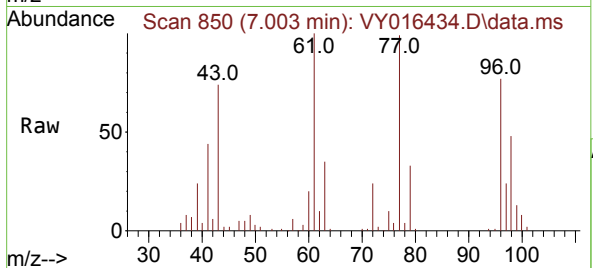
ClientSampleId :

Tgt Ion: 43 Resp: 37142

Ion Ratio Lower Upper

43 100

72 32.3 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 22.391 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016434.D

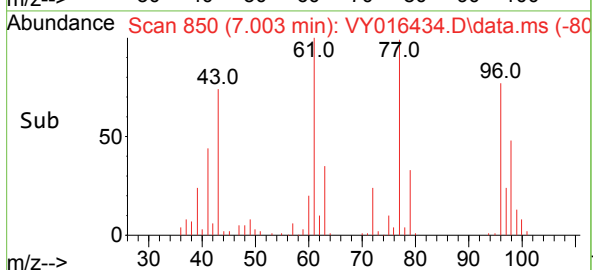
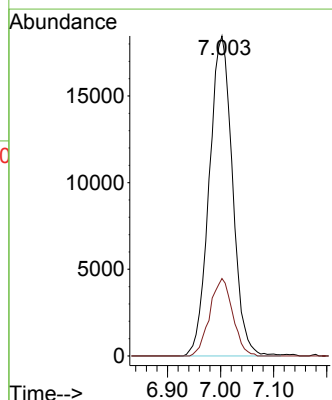
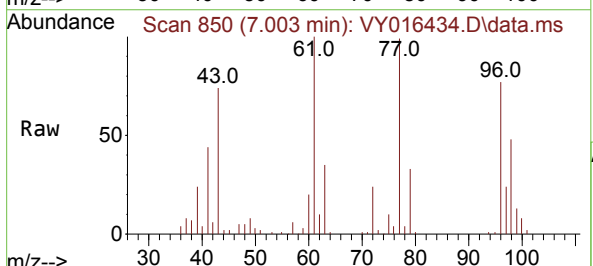
Acq: 21 Nov 2023 13:48

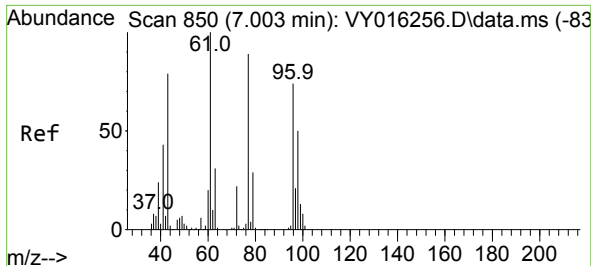
Tgt Ion: 77 Resp: 56137

Ion Ratio Lower Upper

77 100

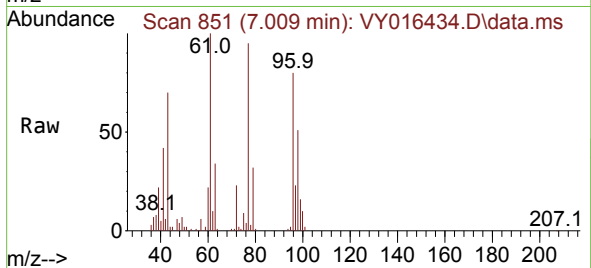
97 23.9 10.9 32.9





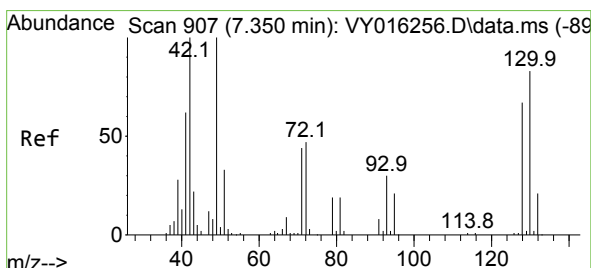
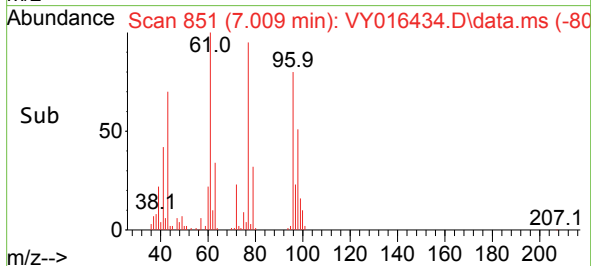
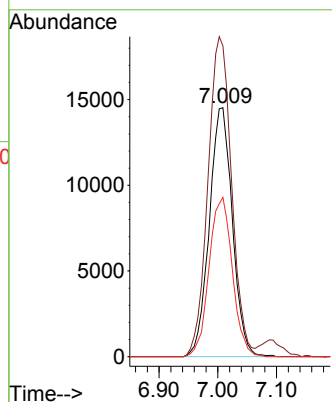
#27
 cis-1,2-Dichloroethene
 Concen: 21.890 ug/l
 RT: 7.009 min Scan# 851
 Delta R.T. 0.006 min
 Lab File: VY016434.D
 Acq: 21 Nov 2023 13:48

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 39658

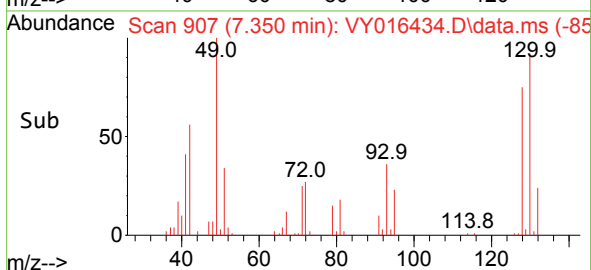
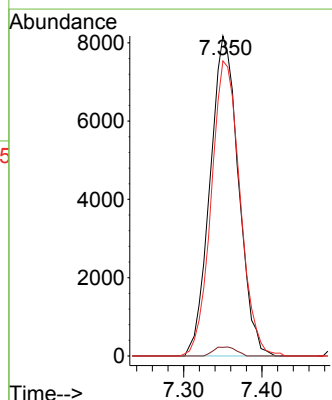
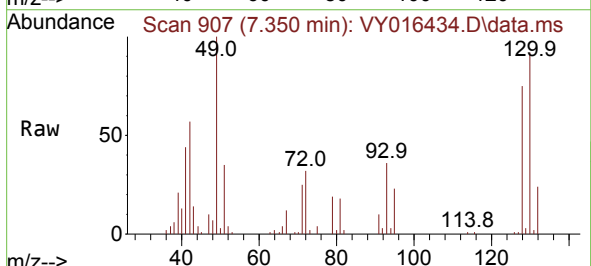
Ion	Ratio	Lower	Upper
96	100		
61	131.8	0.0	301.4
98	64.5	0.0	130.4

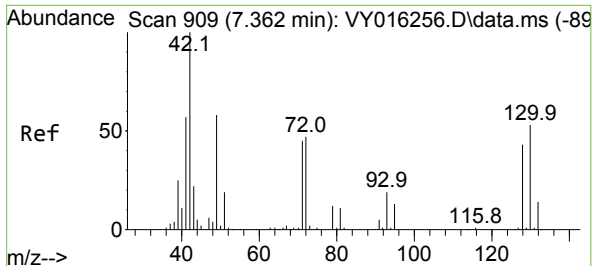


#28
 Bromochloromethane
 Concen: 20.201 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VY016434.D
 Acq: 21 Nov 2023 13:48

Tgt Ion: 49 Resp: 20595

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	93.4	60.7	91.1#





#29

Tetrahydrofuran

Concen: 80.904 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

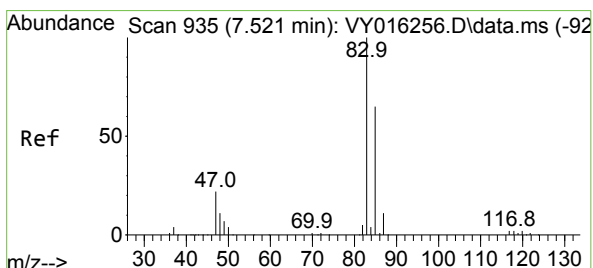
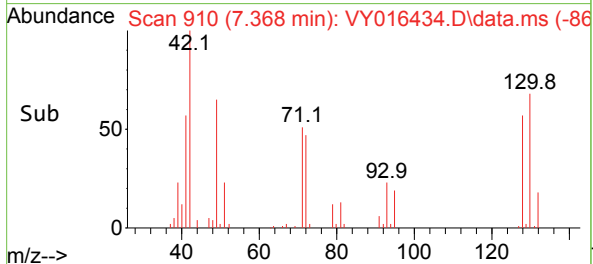
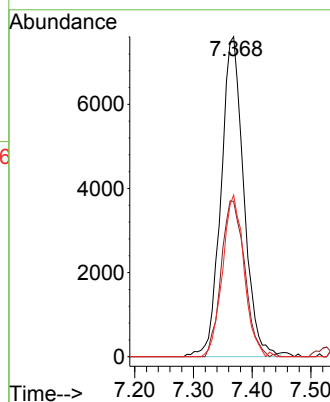
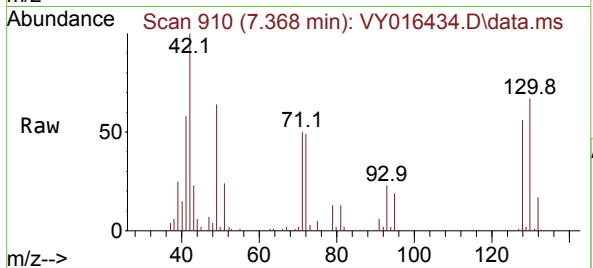
Tgt Ion: 42 Resp: 20459

Ion Ratio Lower Upper

42 100

72 50.3 32.8 49.2#

71 47.7 31.0 46.4#



#30

Chloroform

Concen: 22.548 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY016434.D

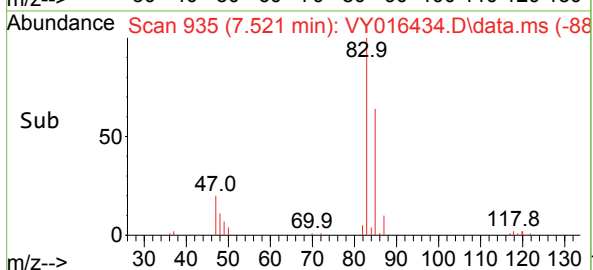
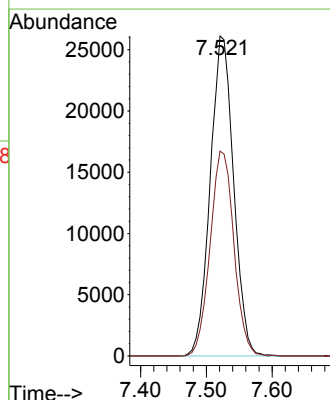
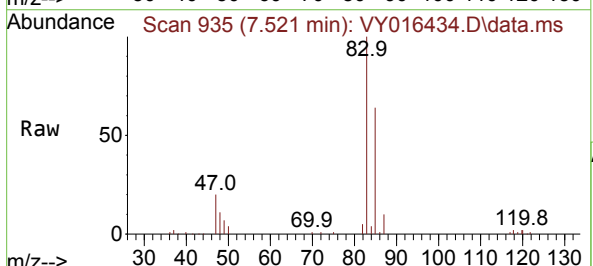
Acq: 21 Nov 2023 13:48

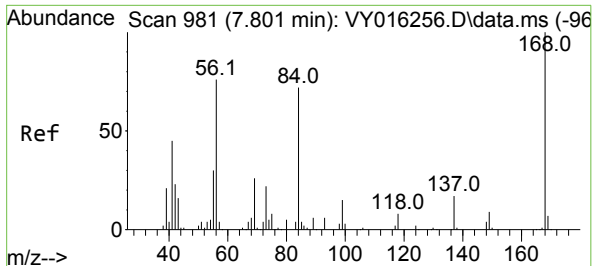
Tgt Ion: 83 Resp: 64653

Ion Ratio Lower Upper

83 100

85 64.0 49.7 74.5

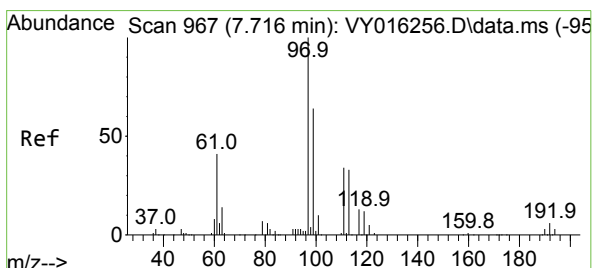
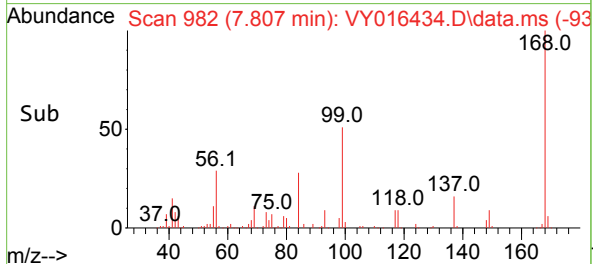
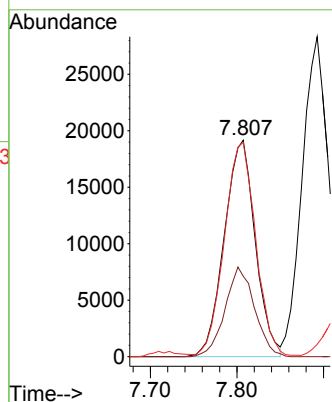
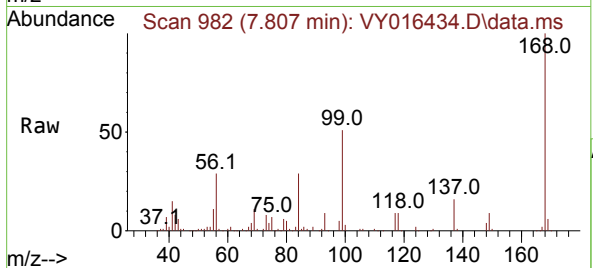




#31
Cyclohexane
Concen: 18.369 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

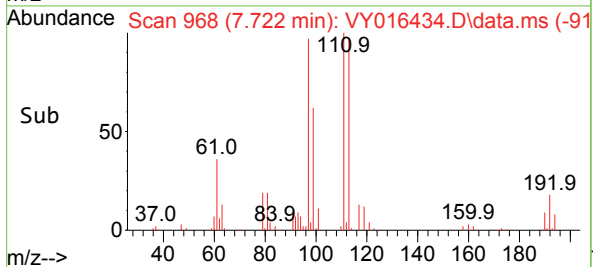
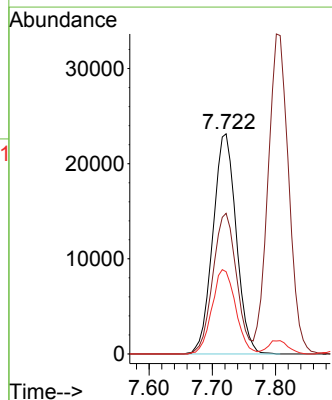
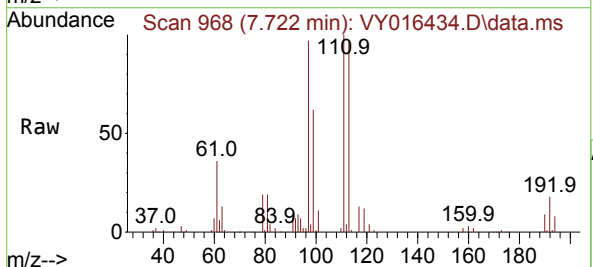
Instrument :
MSVOA_Y
ClientSampleId :

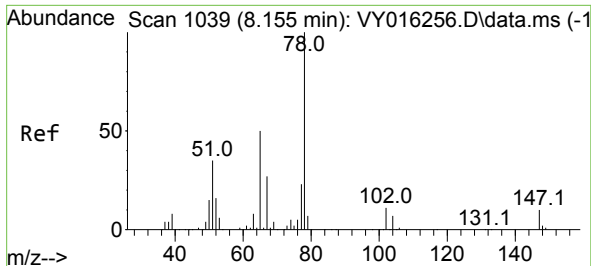
Tgt Ion: 56 Resp: 47756
Ion Ratio Lower Upper
56 100
69 37.1 27.8 41.6
84 97.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 22.499 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

Tgt Ion: 97 Resp: 59134
Ion Ratio Lower Upper
97 100
99 65.3 50.8 76.2
61 39.0 35.1 52.7

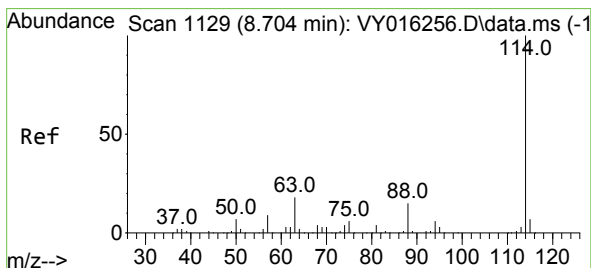
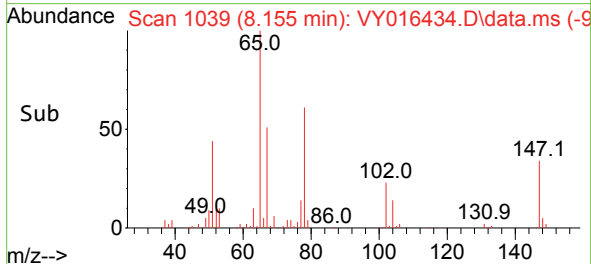
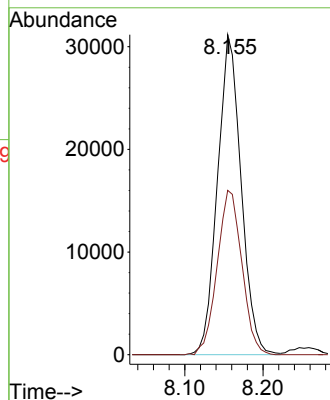
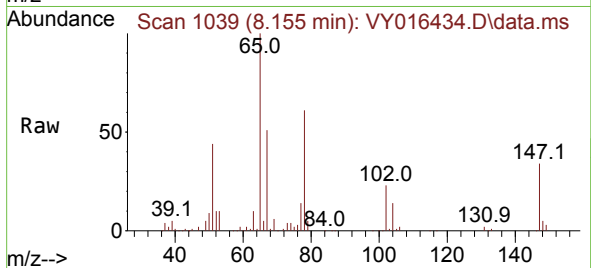




#33
 1,2-Dichloroethane-d4
 Concen: 49.500 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016434.D
 Acq: 21 Nov 2023 13:48

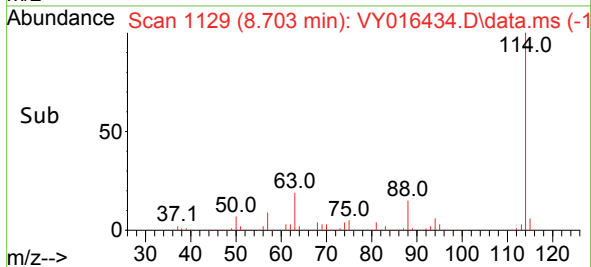
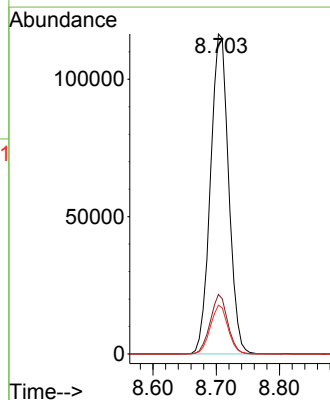
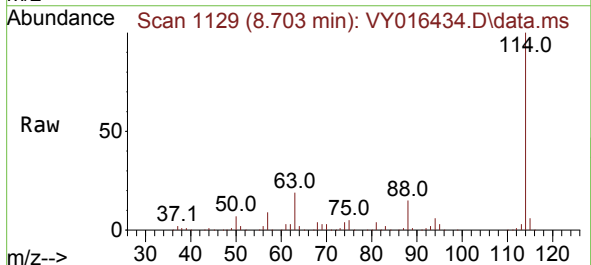
Instrument :
 MSVOA_Y
 ClientSampleId :

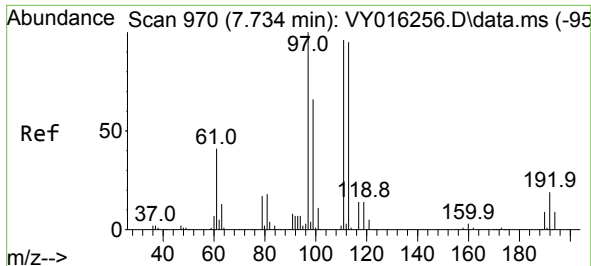
Tgt Ion: 65 Resp: 65365
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016434.D
 Acq: 21 Nov 2023 13:48

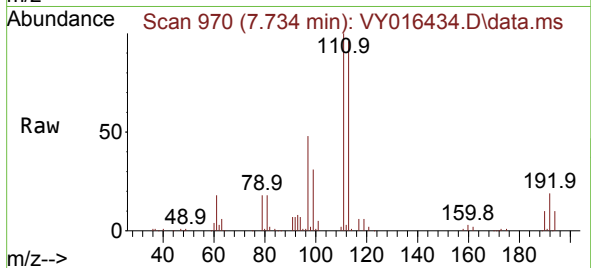
Tgt Ion:114 Resp: 232560
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 42.4
 88 15.2 0.0 30.6



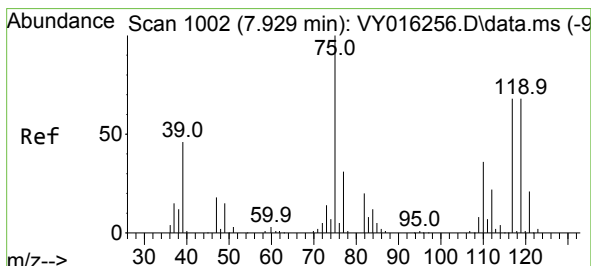
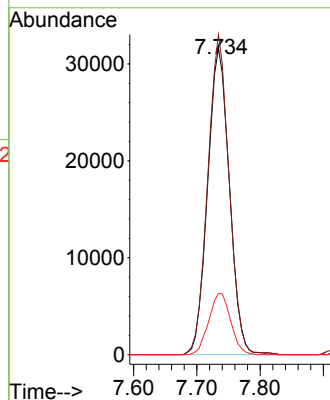
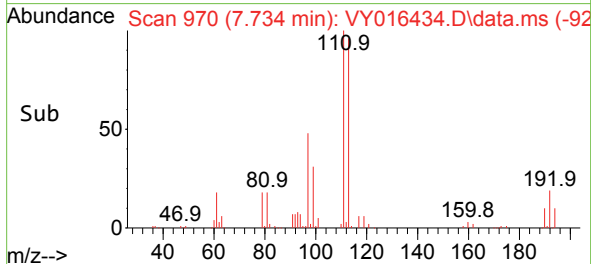


#35
Dibromofluoromethane
Concen: 57.114 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

Instrument :
MSVOA_Y
ClientSampleId :

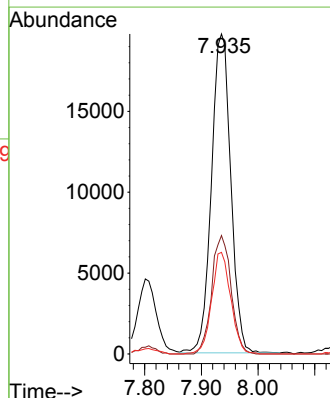
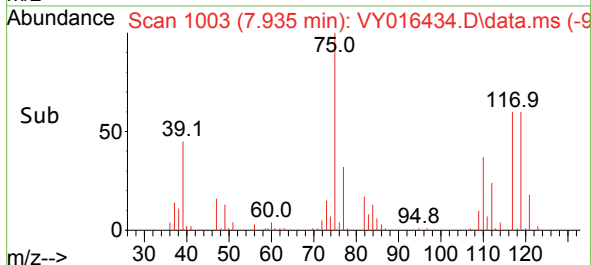
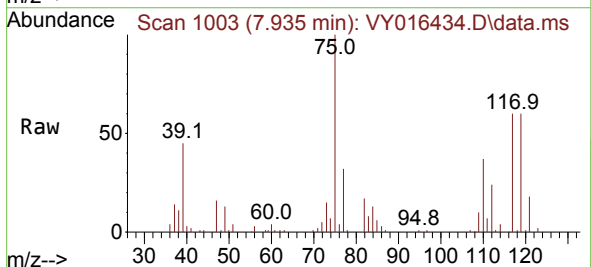


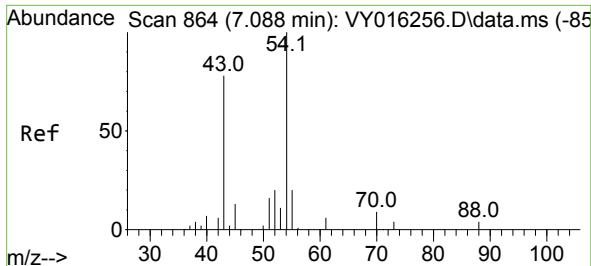
Tgt Ion:113 Resp: 75453
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 20.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.419 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

Tgt Ion: 75 Resp: 46839
Ion Ratio Lower Upper
75 100
110 37.1 17.8 53.5
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 15.957 ug/l

RT: 7.088 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY016434.D

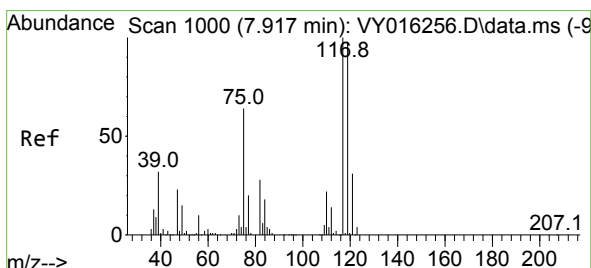
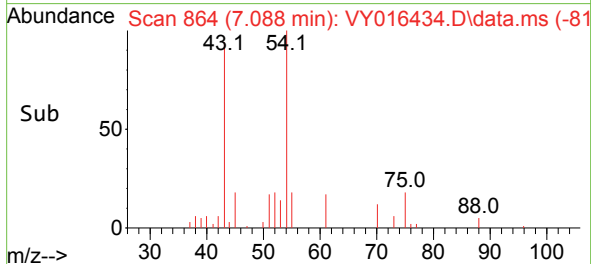
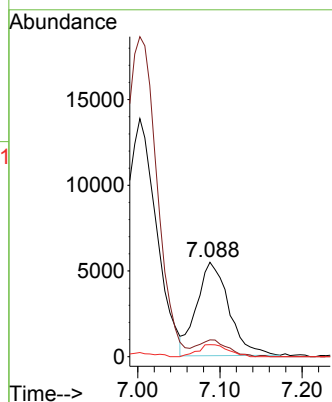
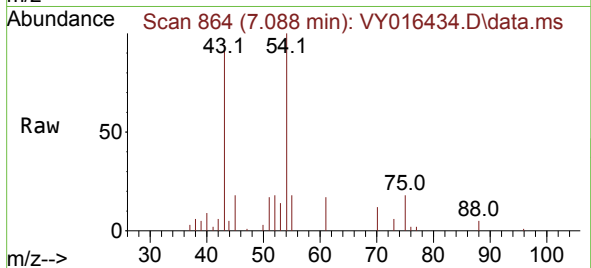
Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp:	14790
Ion Ratio	Lower	Upper
43	100	
61	16.5	10.1 15.1#
70	12.1	7.1 10.7#



#38

Carbon Tetrachloride

Concen: 22.529 ug/l

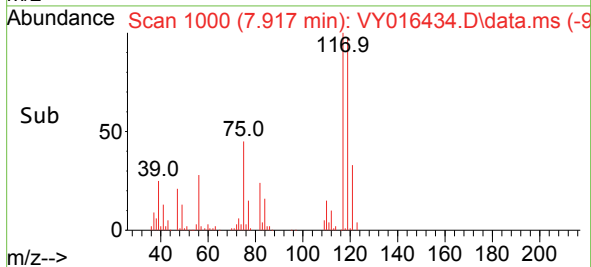
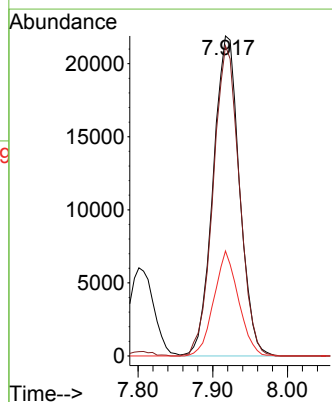
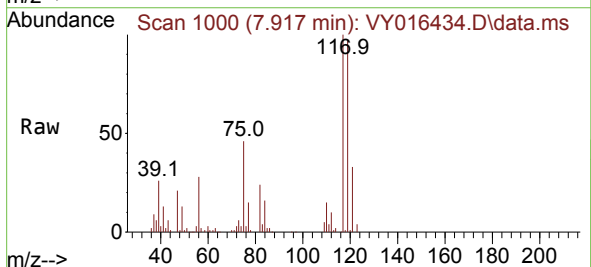
RT: 7.917 min Scan# 1000

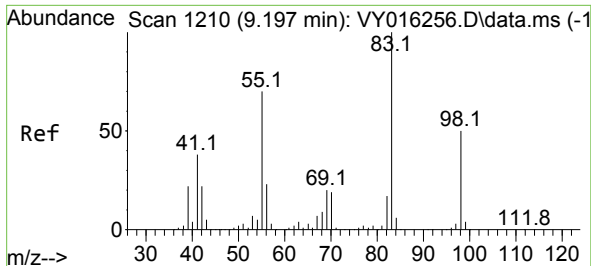
Delta R.T. -0.000 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Tgt Ion: 117	Resp:	53638
Ion Ratio	Lower	Upper
117	100	
119	96.9	76.4 114.6
121	32.8	25.8 38.6





#39

Methylcyclohexane

Concen: 19.074 ug/l

RT: 9.197 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

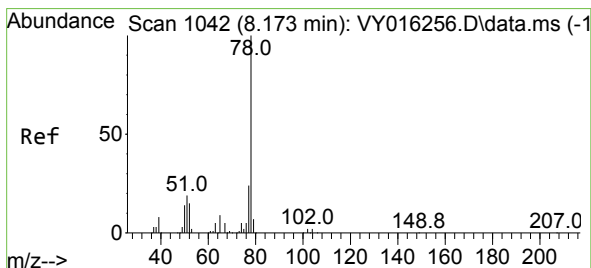
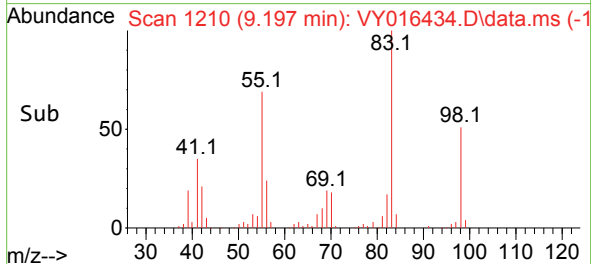
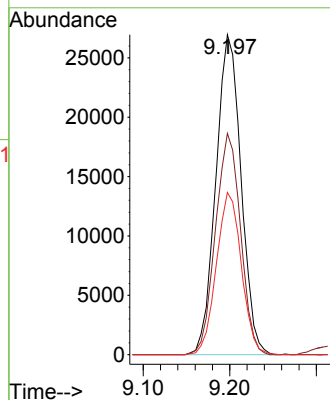
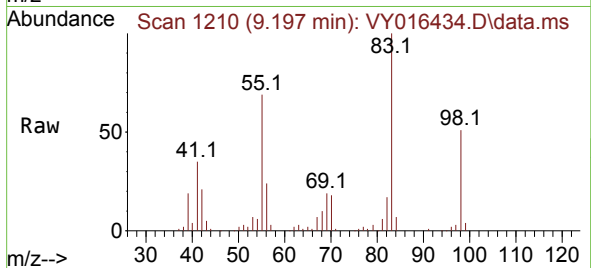
Tgt Ion: 83 Resp: 54521

Ion Ratio Lower Upper

83 100

55 69.1 63.0 94.4

98 50.7 37.4 56.2



#40

Benzene

Concen: 21.729 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016434.D

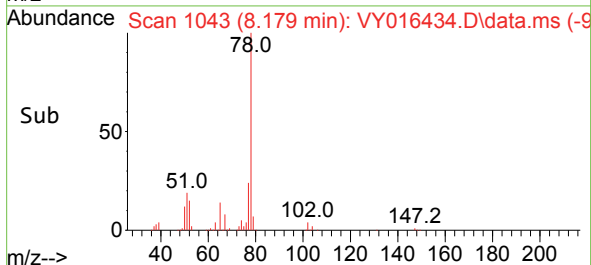
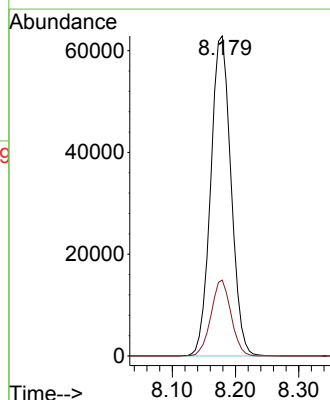
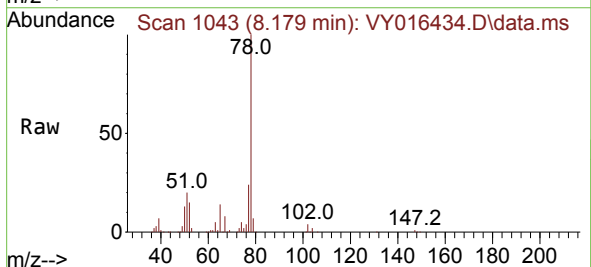
Acq: 21 Nov 2023 13:48

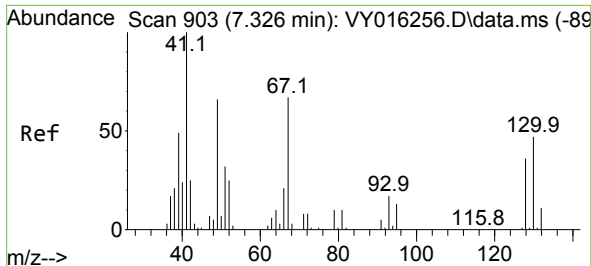
Tgt Ion: 78 Resp: 140042

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

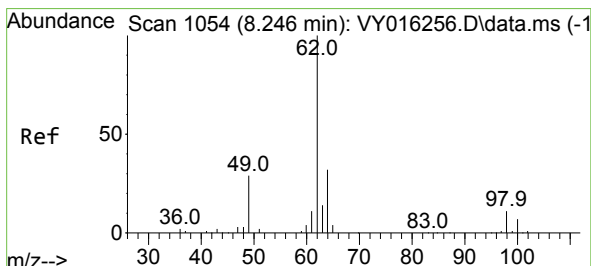
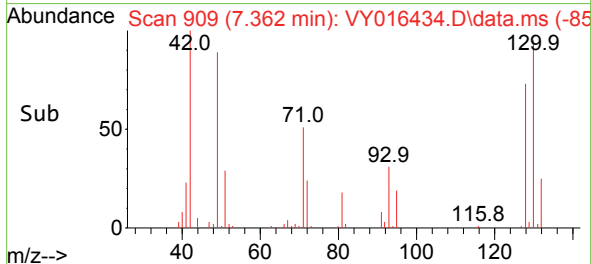
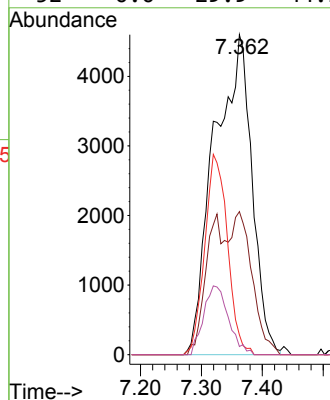
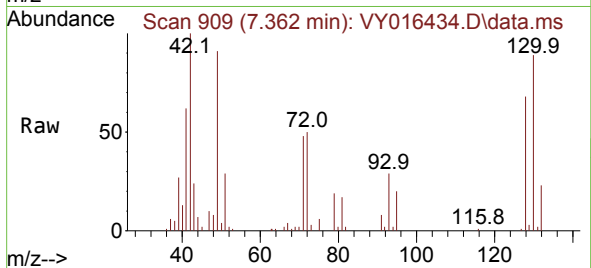




#41
Methacrylonitrile
Concen: 42.061 ug/l
RT: 7.362 min Scan# 903
Delta R.T. 0.036 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

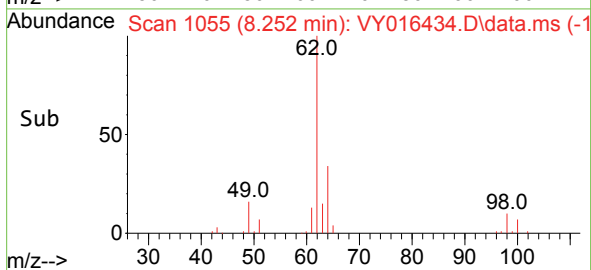
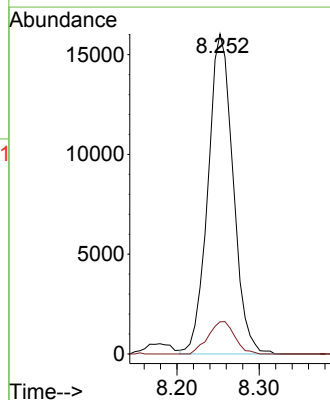
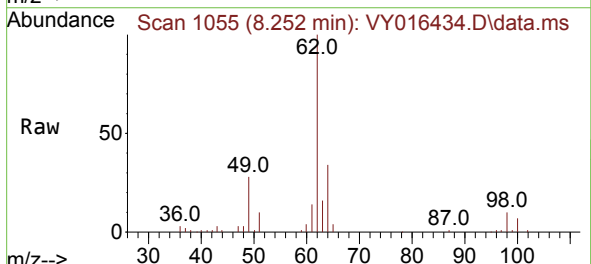
Instrument :
MSVOA_Y
ClientSampleId :

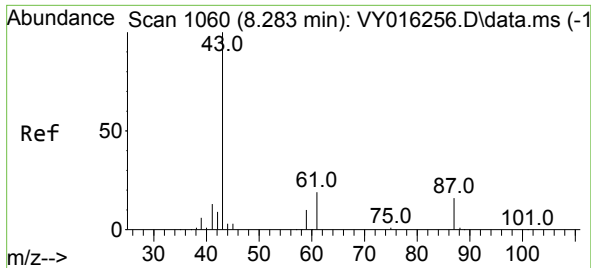
Tgt Ion: 41	Resp: 19657
Ion Ratio	Lower Upper
41 100	
39 0.0	52.1 78.1#
67 0.0	66.2 99.2#
52 0.0	29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.383 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

Tgt Ion: 62	Resp: 34038
Ion Ratio	Lower Upper
62 100	
98 10.6	0.0 15.8

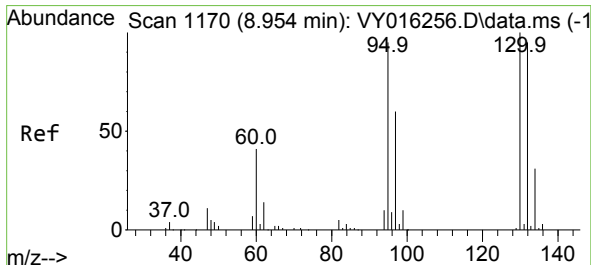
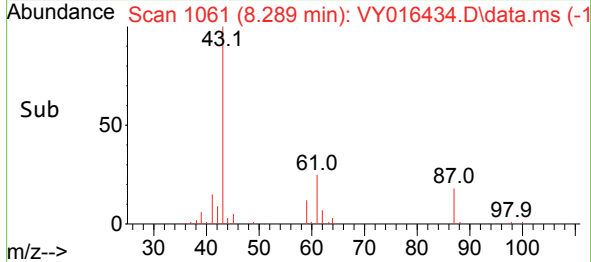
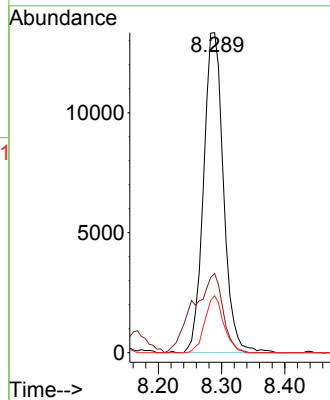
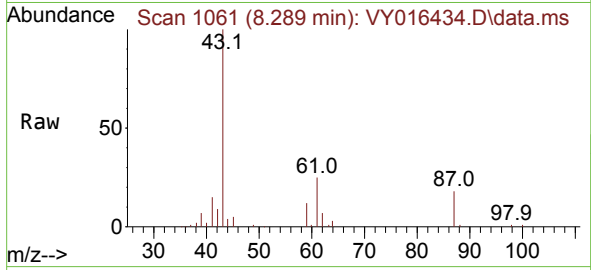




#43
Isopropyl Acetate
Concen: 16.315 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

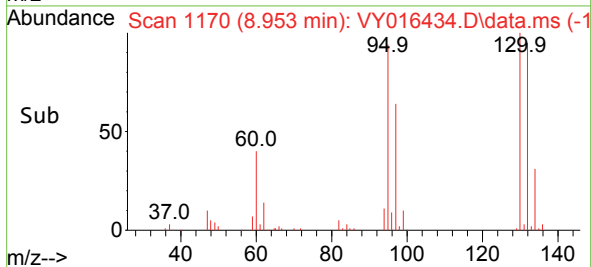
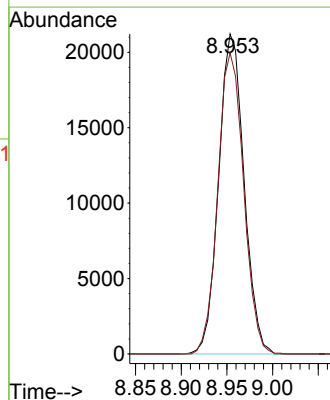
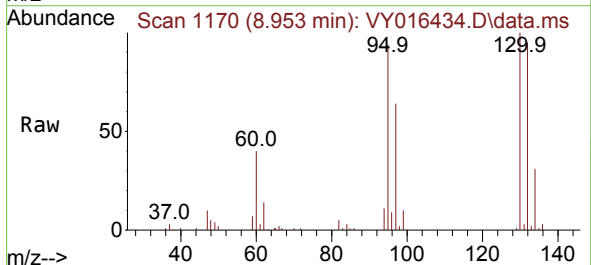
Instrument :
MSVOA_Y
ClientSampleId :

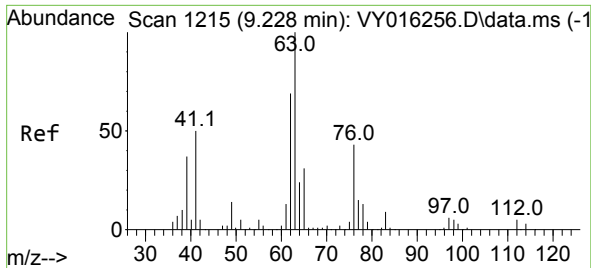
Tgt Ion: 43 Resp: 29231
Ion Ratio Lower Upper
43 100
61 36.5 21.1 31.7#
87 16.8 9.8 14.8#



#44
Trichloroethene
Concen: 22.136 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

Tgt Ion:130 Resp: 41002
Ion Ratio Lower Upper
130 100
95 94.1 0.0 196.0

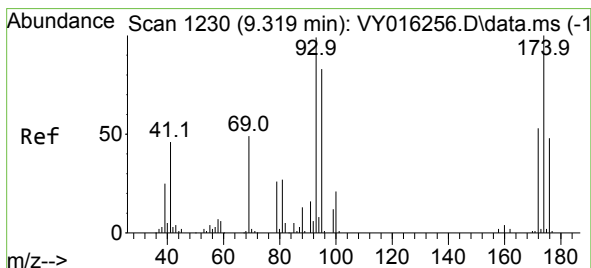
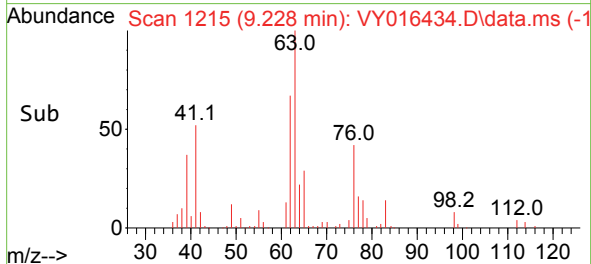
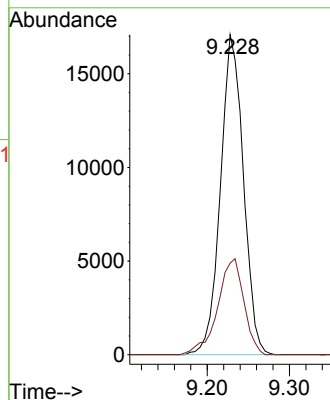
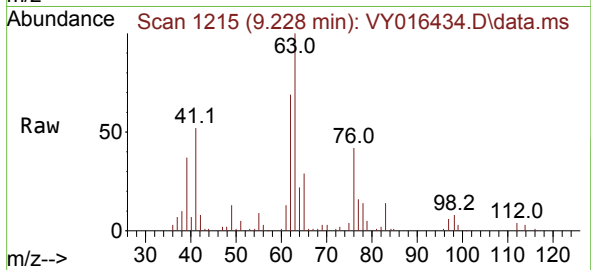




#45
1,2-Dichloropropane
Concen: 21.402 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

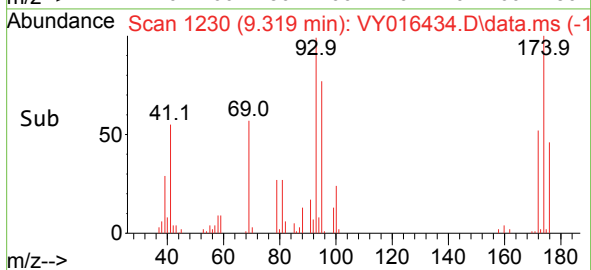
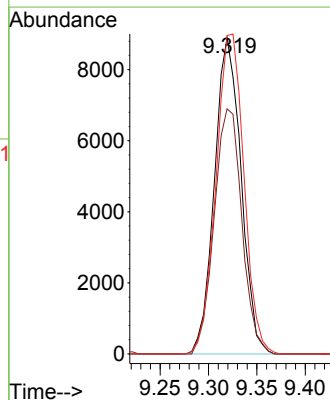
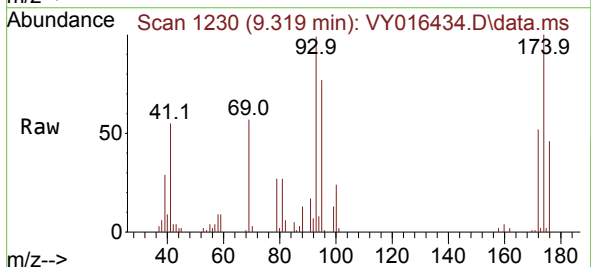
Instrument :
MSVOA_Y
ClientSampleId :

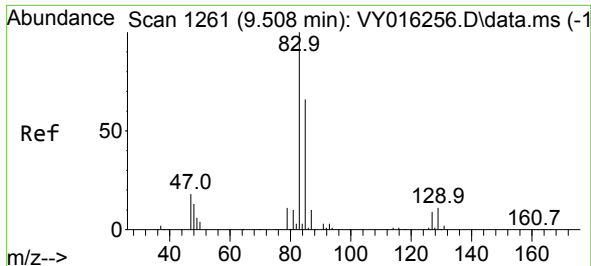
Tgt Ion: 63 Resp: 33126
Ion Ratio Lower Upper
63 100
65 28.6 23.8 35.6



#46
Dibromomethane
Concen: 20.242 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

Tgt Ion: 93 Resp: 16978
Ion Ratio Lower Upper
93 100
95 80.9 66.6 100.0
174 106.3 84.8 127.2





#47

Bromodichloromethane

Concen: 22.025 ug/l

RT: 9.508 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VY016434.D

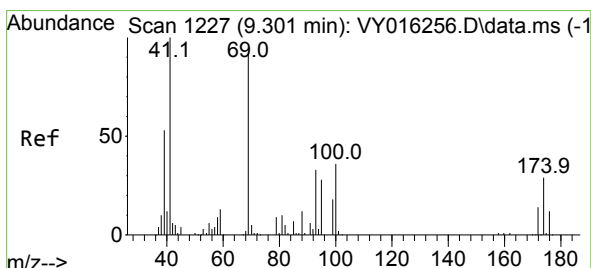
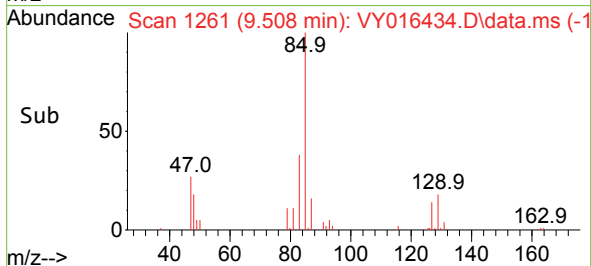
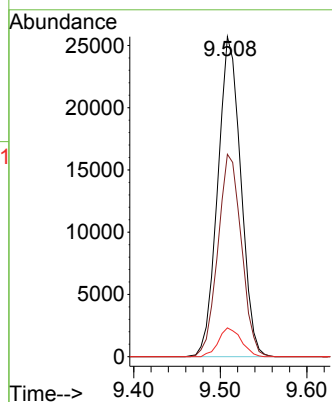
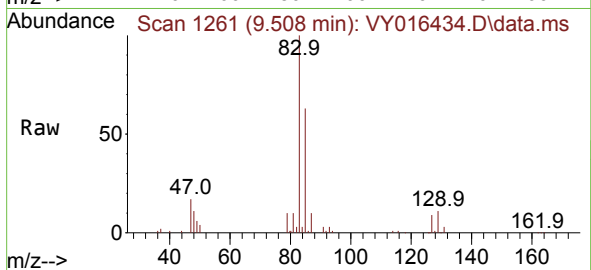
Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	47493
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.1	75.1
127	9.0	7.1	10.7



#48

Methyl methacrylate

Concen: 16.552 ug/l

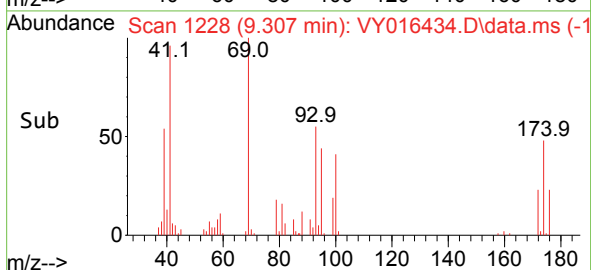
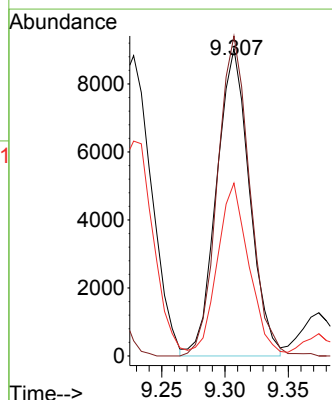
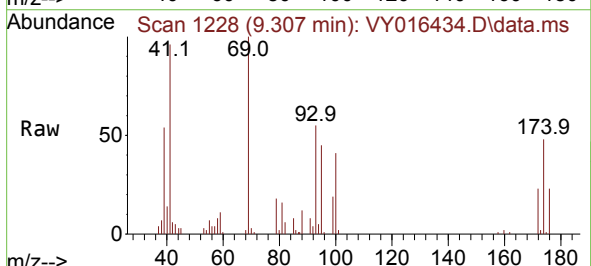
RT: 9.307 min Scan# 1228

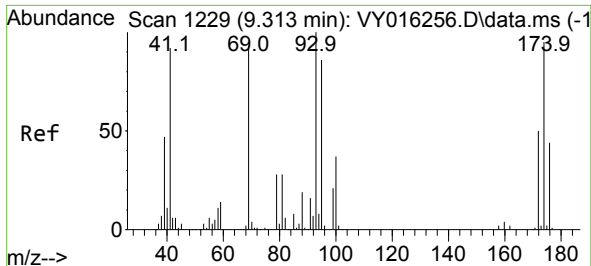
Delta R.T. 0.006 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Tgt Ion:	41	Resp:	16389
Ion	Ratio	Lower	Upper
41	100		
69	101.9	64.5	96.7#
39	54.3	50.8	76.2





#49

1,4-Dioxane

Concen: 342.629 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

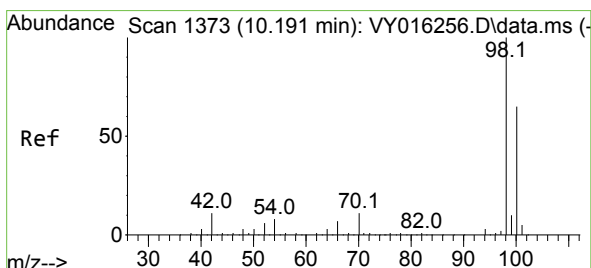
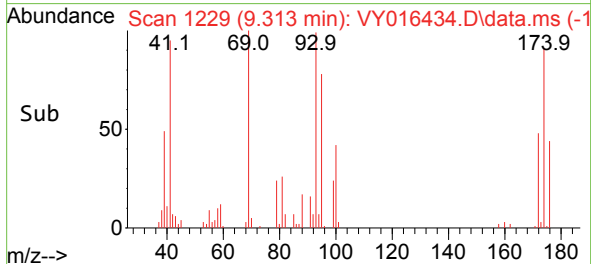
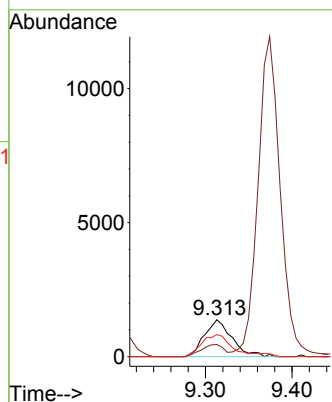
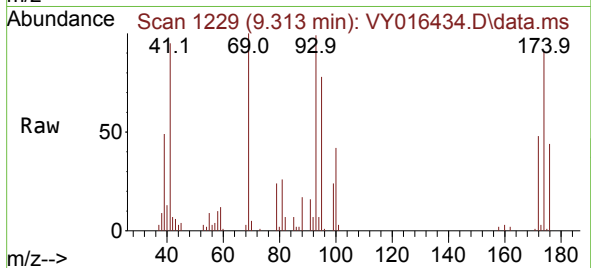
Tgt Ion: 88 Resp: 3051

Ion Ratio Lower Upper

88 100

43 26.8 0.0 0.0#

58 68.0 30.9 46.3#



#50

Toluene-d8

Concen: 54.381 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016434.D

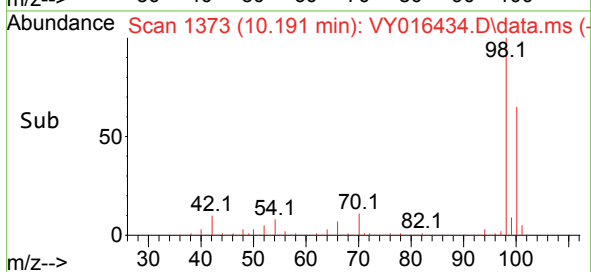
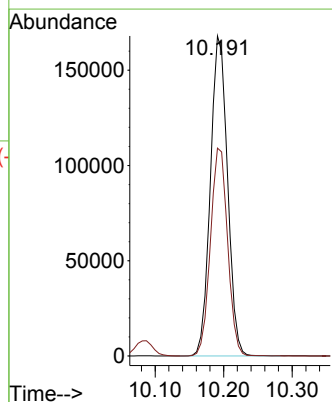
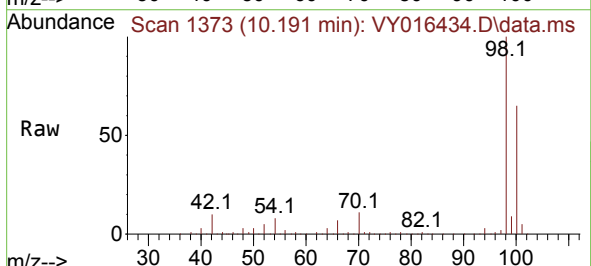
Acq: 21 Nov 2023 13:48

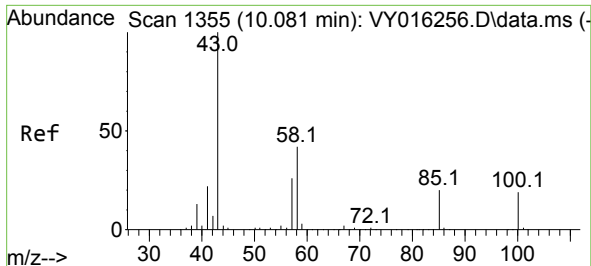
Tgt Ion: 98 Resp: 291336

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1

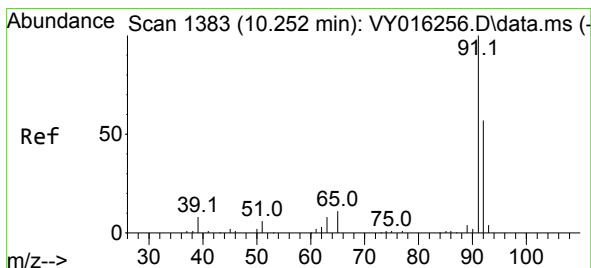
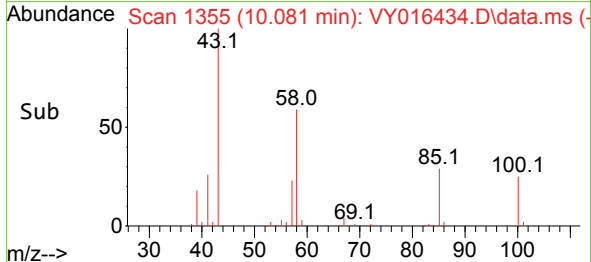
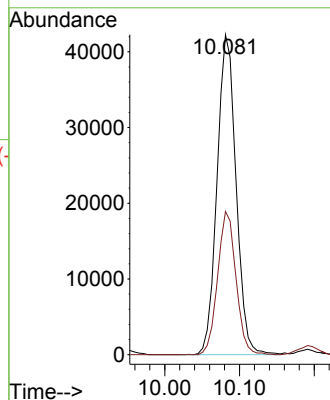
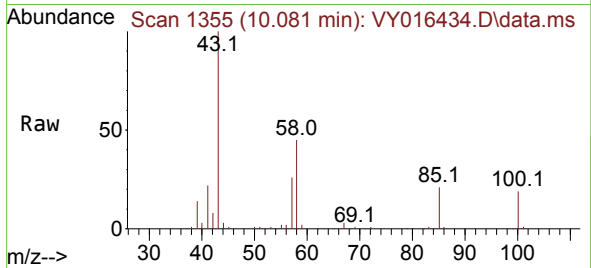




#51
4-Methyl-2-Pentanone
Concen: 82.471 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

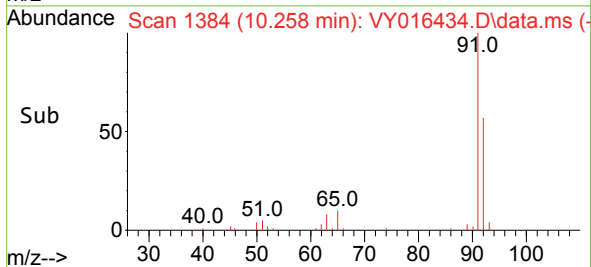
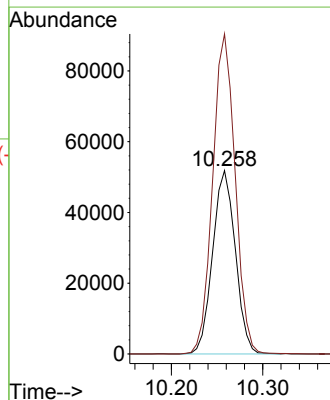
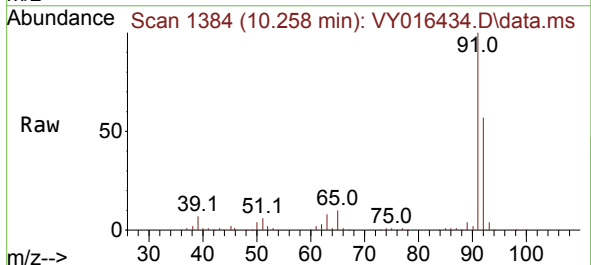
Instrument :
MSVOA_Y
ClientSampleId :

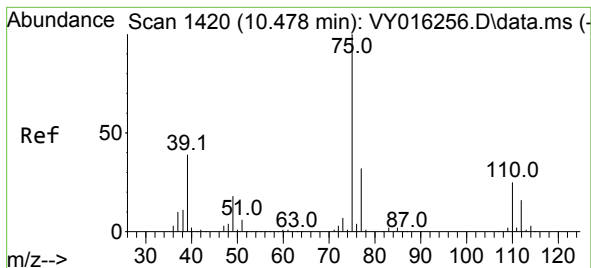
Tgt Ion: 43 Resp: 74717
Ion Ratio Lower Upper
43 100
58 43.3 29.0 43.6



#52
Toluene
Concen: 21.972 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

Tgt Ion: 92 Resp: 89516
Ion Ratio Lower Upper
92 100
91 172.7 143.8 215.6

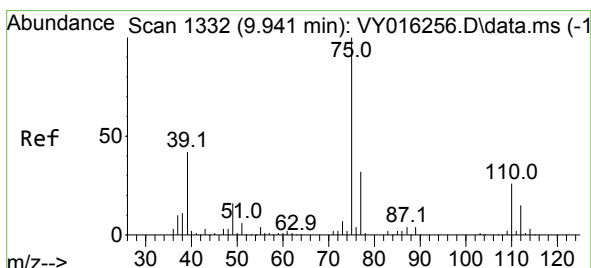
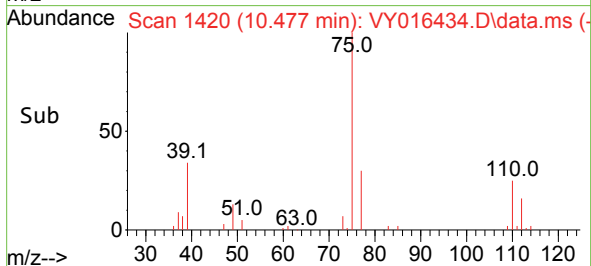
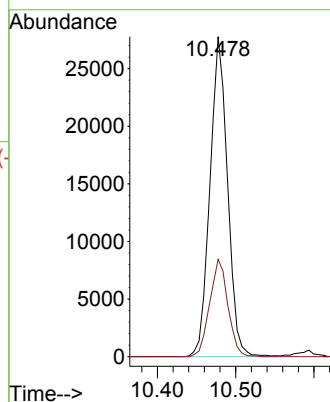
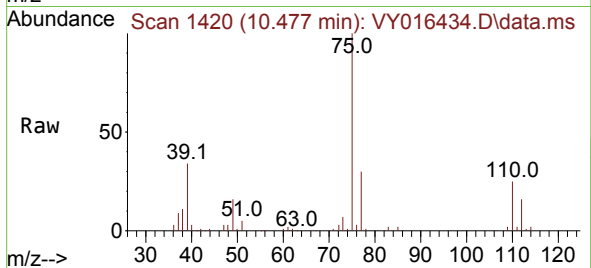




#53
t-1,3-Dichloropropene
Concen: 20.721 ug/l
RT: 10.477 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

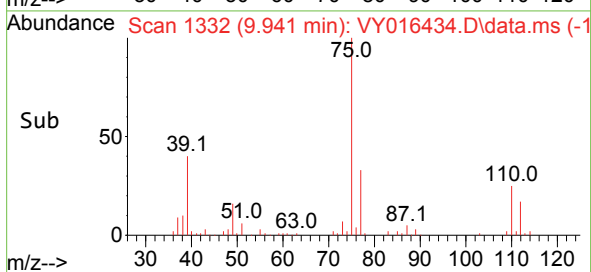
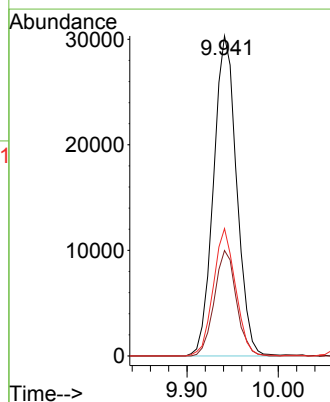
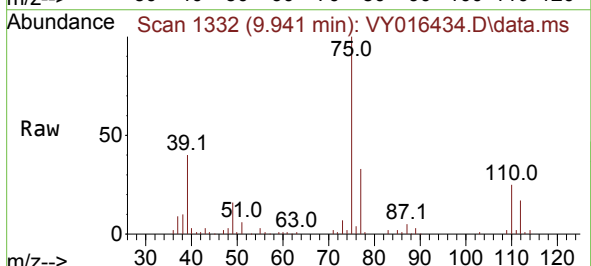
Instrument :
MSVOA_Y
ClientSampleId :

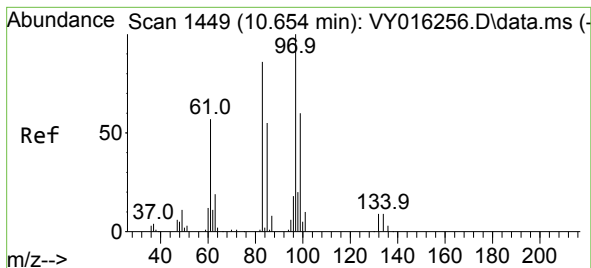
Tgt Ion: 75 Resp: 43316
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 21.350 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

Tgt Ion: 75 Resp: 53307
Ion Ratio Lower Upper
75 100
77 32.9 24.2 36.4
39 39.8 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 20.866 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 24122

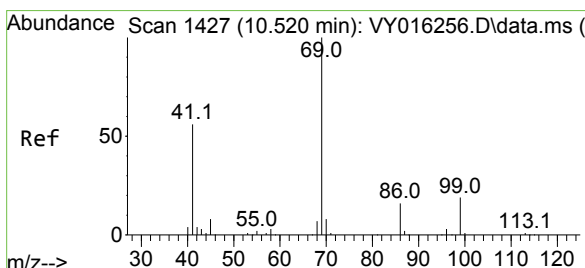
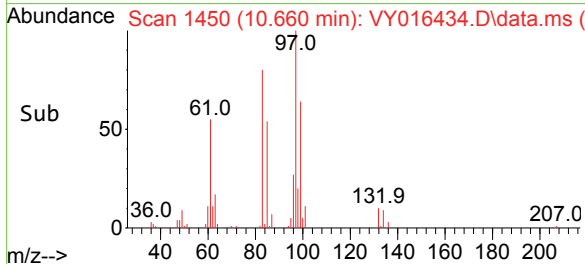
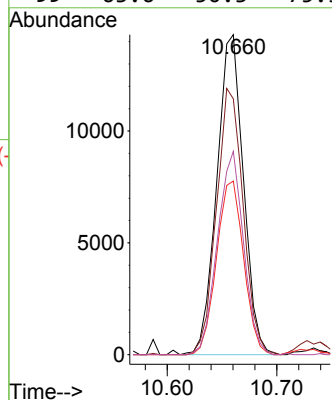
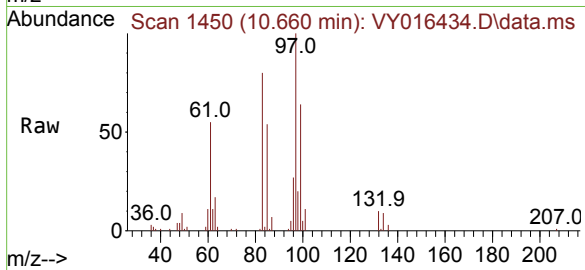
Ion Ratio Lower Upper

97 100

83 80.0 72.0 108.0

85 54.2 45.4 68.0

99 63.6 50.3 75.5



#56

Ethyl methacrylate

Concen: 18.270 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

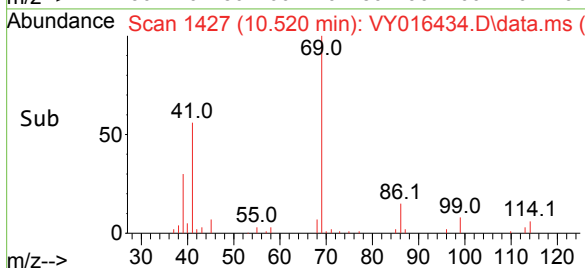
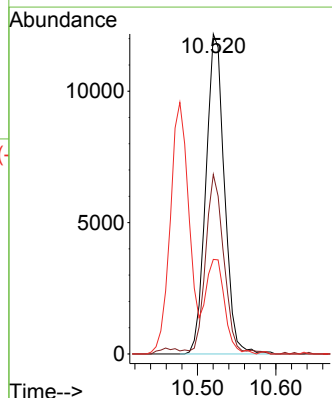
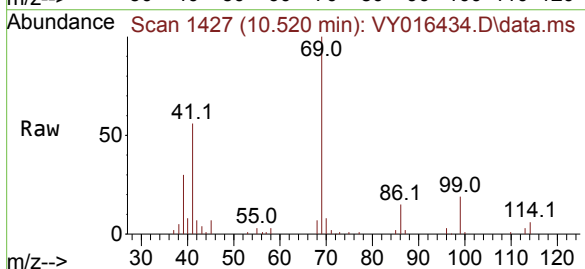
Tgt Ion: 69 Resp: 19938

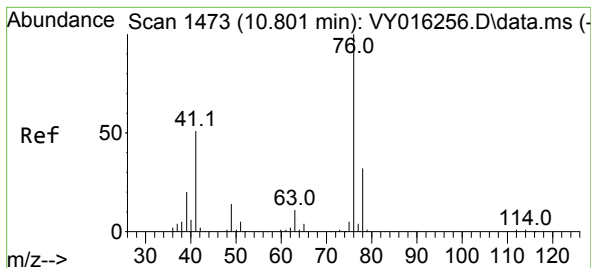
Ion Ratio Lower Upper

69 100

41 55.5 57.6 86.4#

39 30.4 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 20.535 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

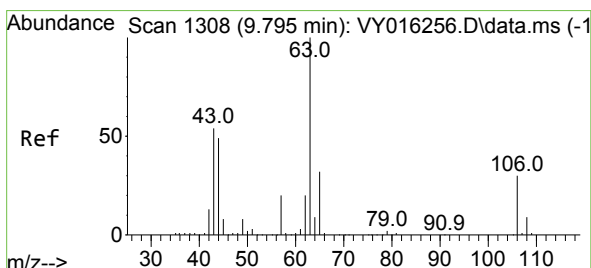
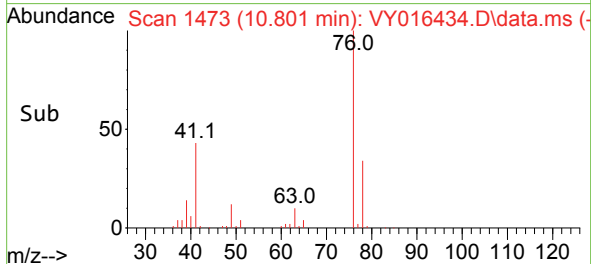
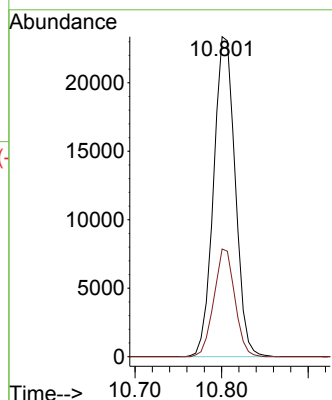
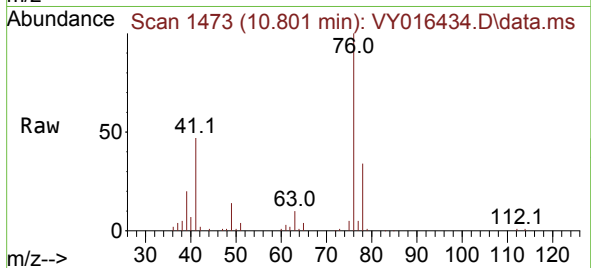
ClientSampleId :

Tgt Ion: 76 Resp: 40467

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 86.856 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VY016434.D

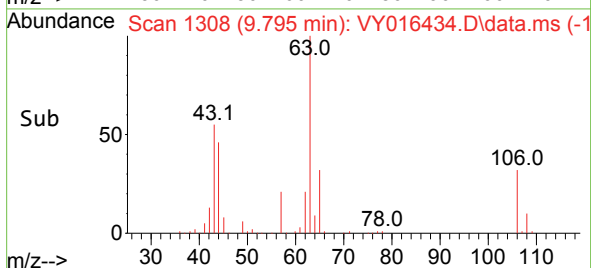
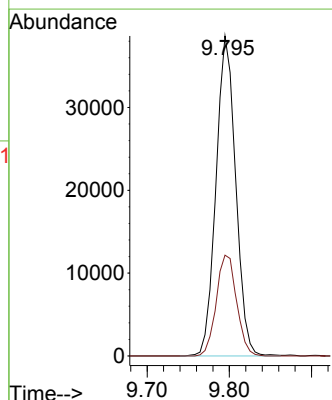
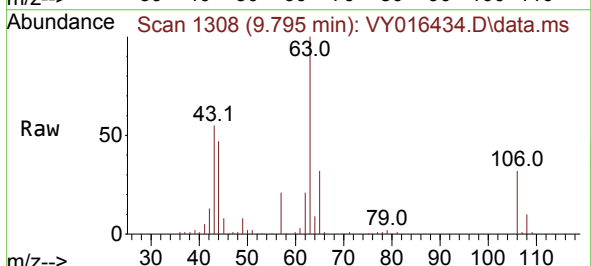
Acq: 21 Nov 2023 13:48

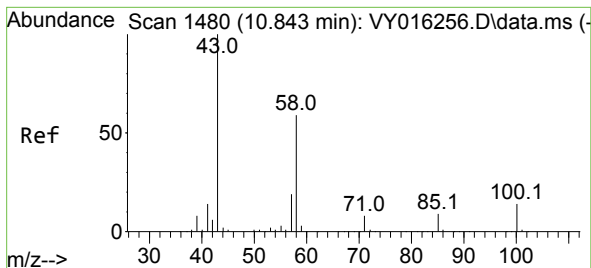
Tgt Ion: 63 Resp: 64271

Ion Ratio Lower Upper

63 100

106 32.6 21.2 31.8#





#59

2-Hexanone

Concen: 89.691 ug/l

RT: 10.843 min Scan# 1480

Delta R.T. -0.000 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

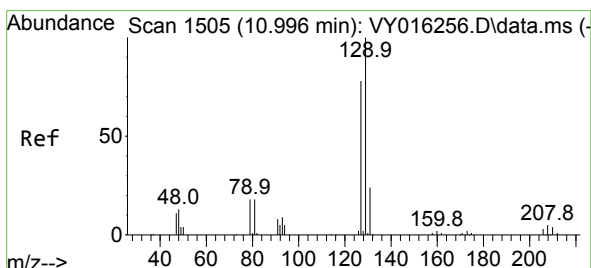
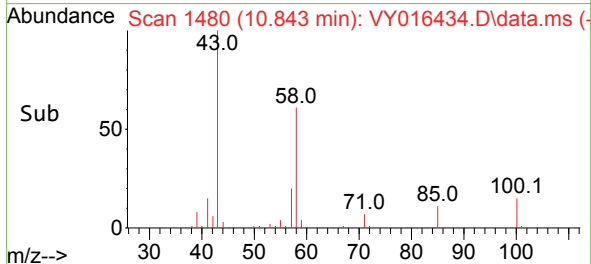
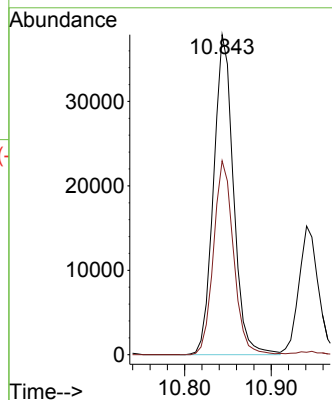
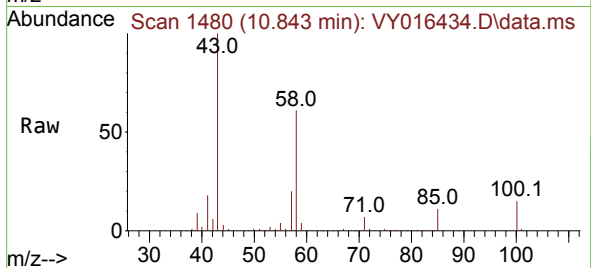
ClientSampleId :

Tgt Ion: 43 Resp: 60442

Ion Ratio Lower Upper

43 100

58 61.0 25.1 75.3



#60

Dibromochloromethane

Concen: 21.620 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. -0.000 min

Lab File: VY016434.D

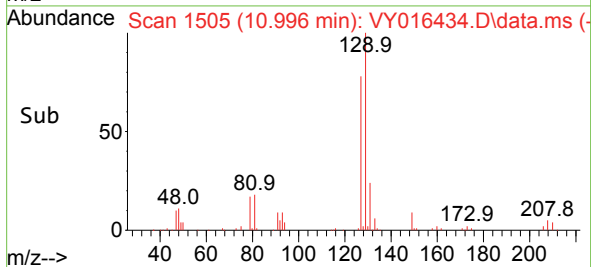
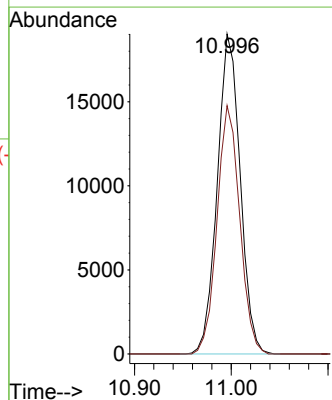
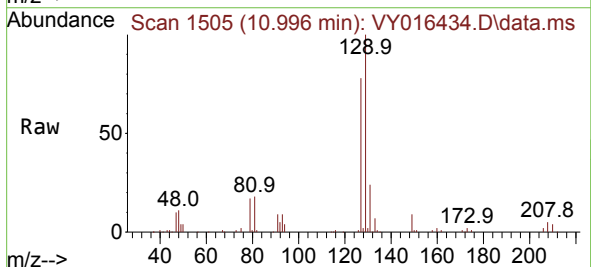
Acq: 21 Nov 2023 13:48

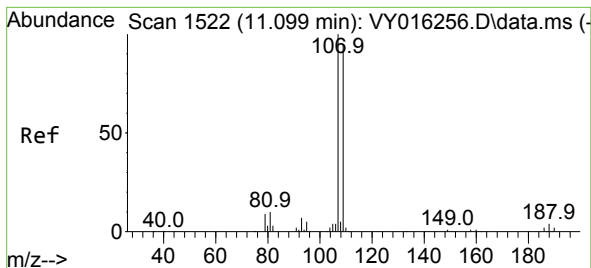
Tgt Ion: 129 Resp: 31259

Ion Ratio Lower Upper

129 100

127 76.9 38.5 115.5

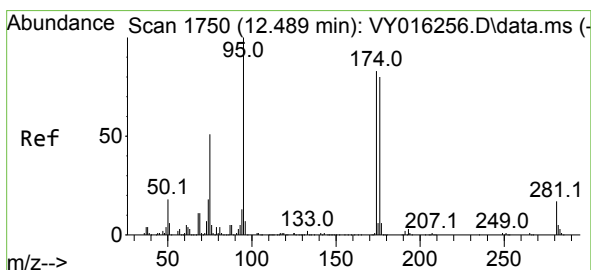
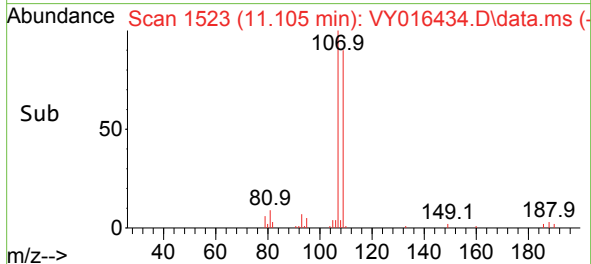
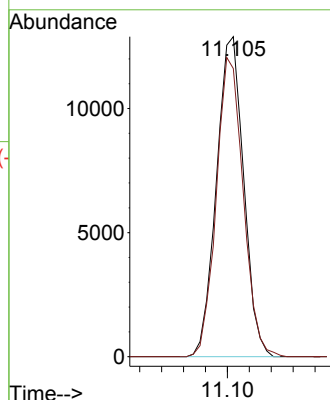
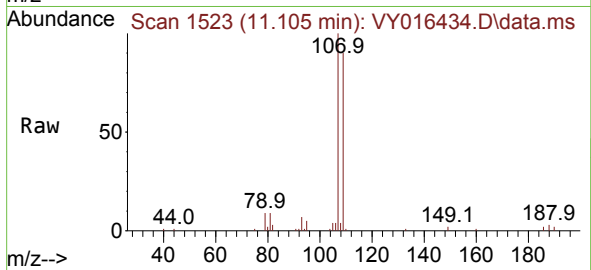




#61
1,2-Dibromoethane
Concen: 20.174 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

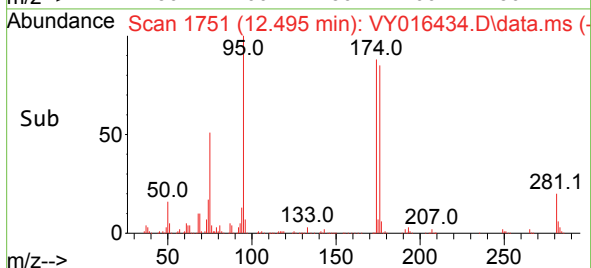
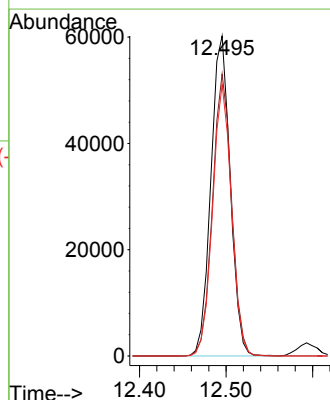
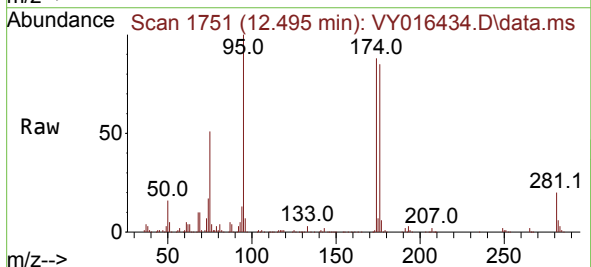
Instrument :
MSVOA_Y
ClientSampleId :

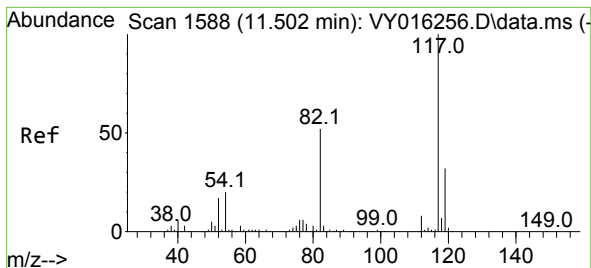
Tgt Ion:107 Resp: 22219
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.526 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

Tgt Ion: 95 Resp: 93134
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.2
176 83.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

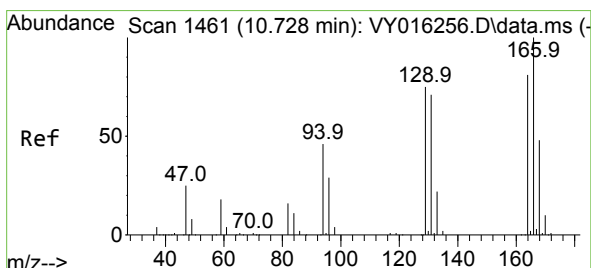
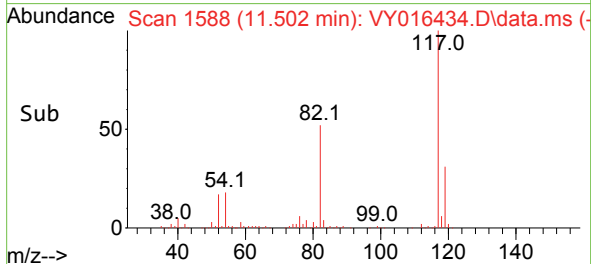
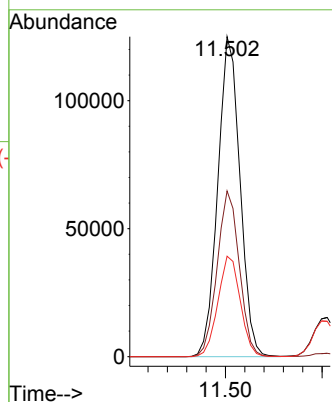
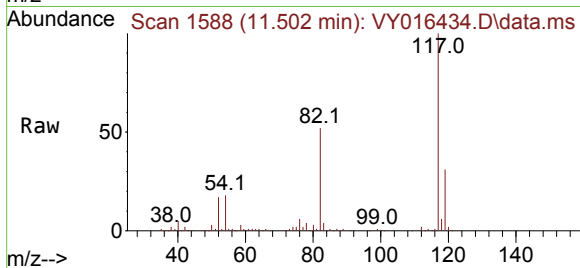
Tgt Ion:117 Resp: 198580

Ion Ratio Lower Upper

117 100

82 51.8 43.4 65.0

119 31.4 26.3 39.5



#64

Tetrachloroethene

Concen: 22.454 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Tgt Ion:164 Resp: 40036

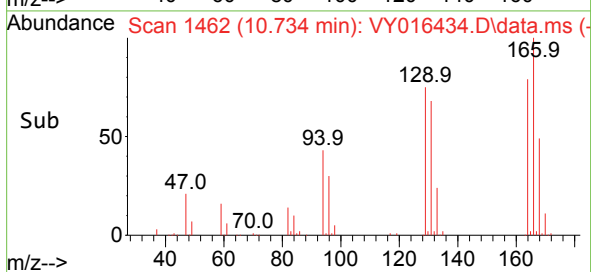
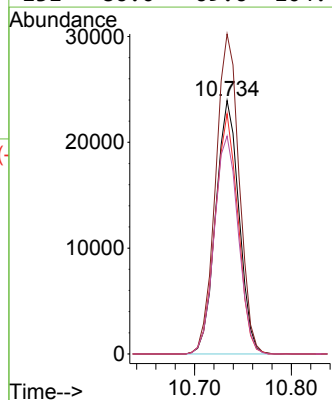
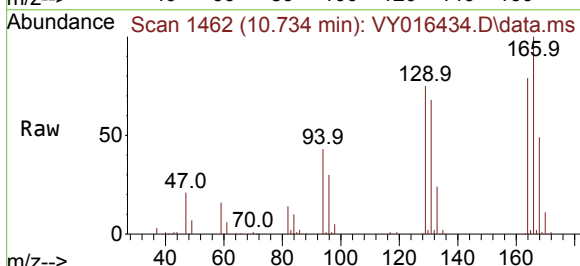
Ion Ratio Lower Upper

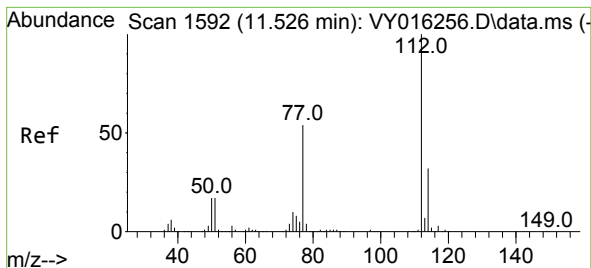
164 100

166 126.3 103.0 154.6

129 94.8 77.2 115.8

131 86.0 69.6 104.4





#65

Chlorobenzene

Concen: 22.733 ug/l

RT: 11.526 min Scan# 1592

Delta R.T. -0.000 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

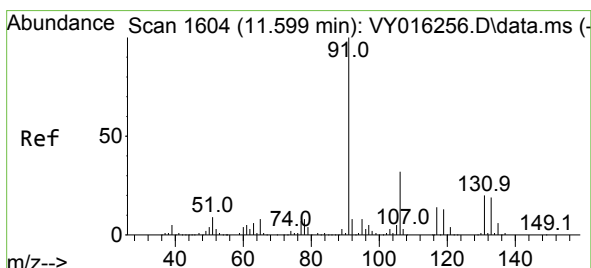
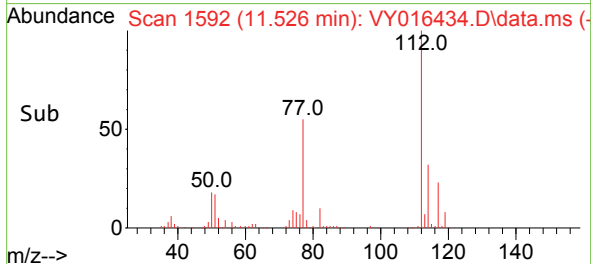
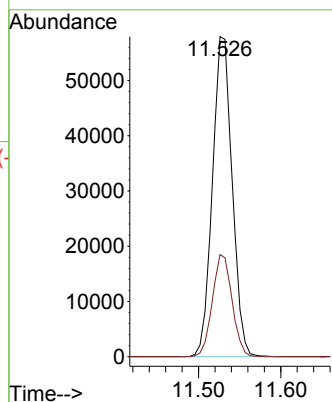
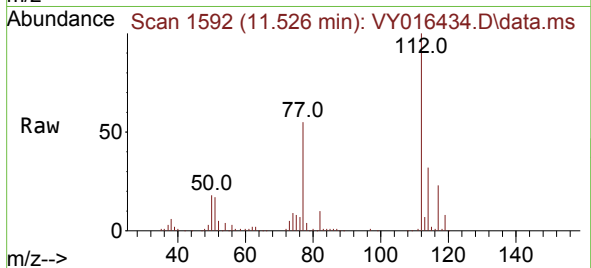
ClientSampleId :

Tgt Ion:112 Resp: 96450

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 22.918 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

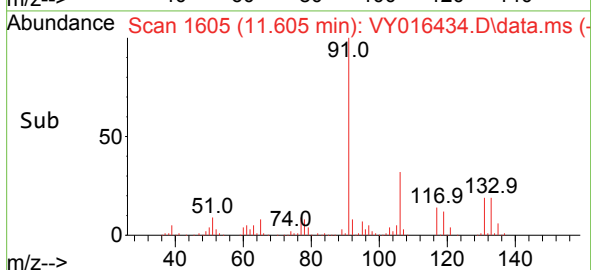
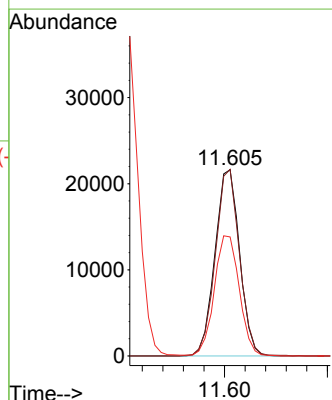
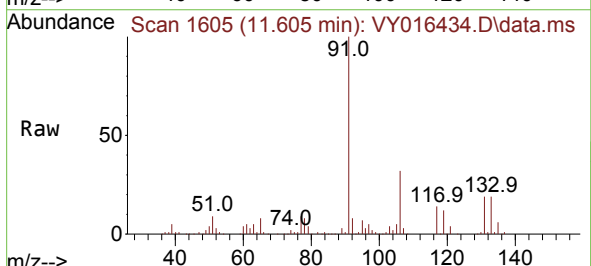
Tgt Ion:131 Resp: 35863

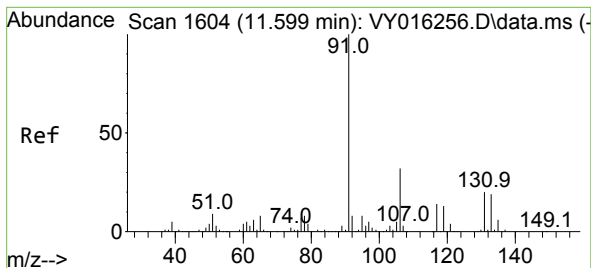
Ion Ratio Lower Upper

131 100

133 98.2 47.5 142.6

119 65.8 31.6 94.7





#67

Ethyl Benzene

Concen: 22.672 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

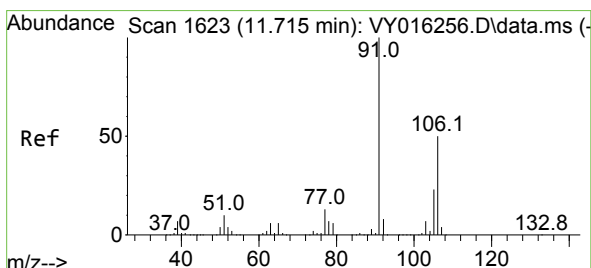
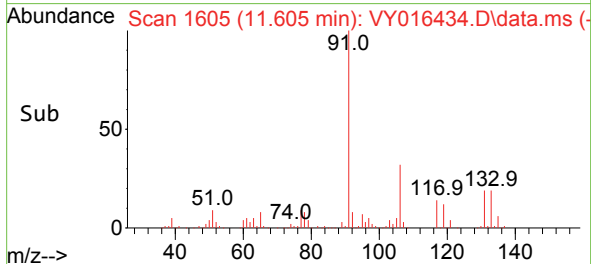
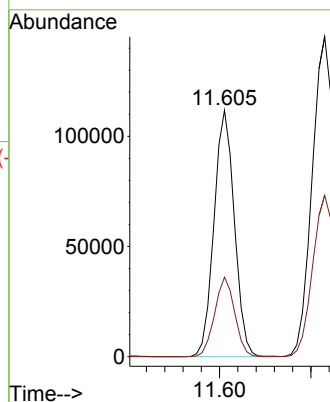
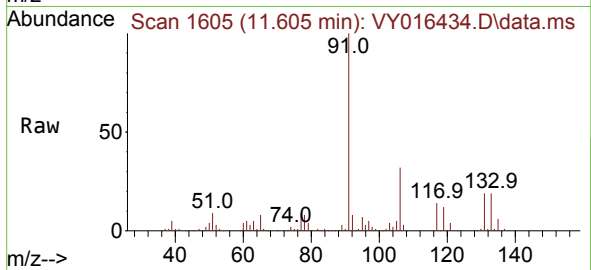
ClientSampleId :

Tgt Ion: 91 Resp: 172868

Ion Ratio Lower Upper

91 100

106 32.3 24.6 36.8



#68

m/p-Xylenes

Concen: 45.382 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016434.D

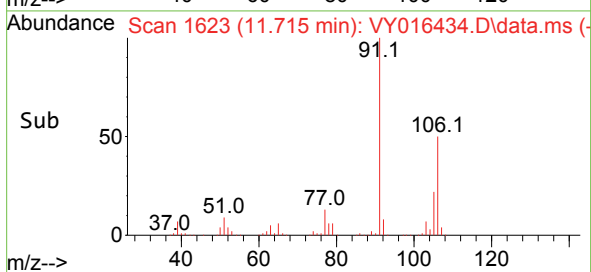
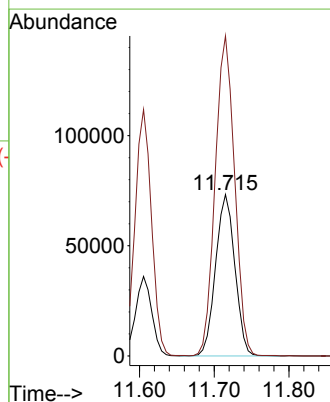
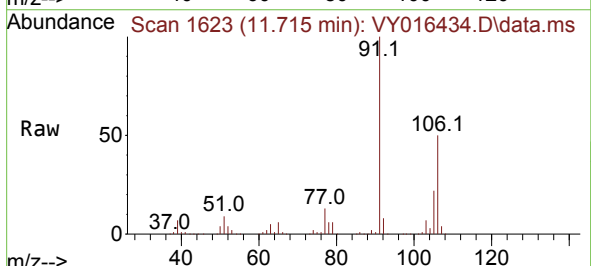
Acq: 21 Nov 2023 13:48

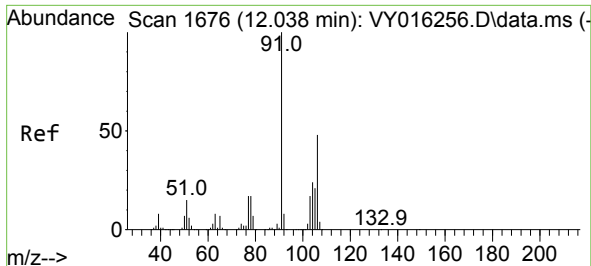
Tgt Ion:106 Resp: 131245

Ion Ratio Lower Upper

106 100

91 200.0 166.1 249.1

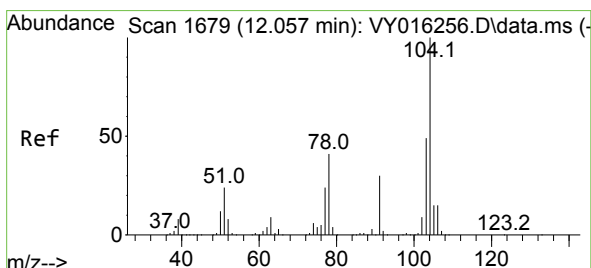
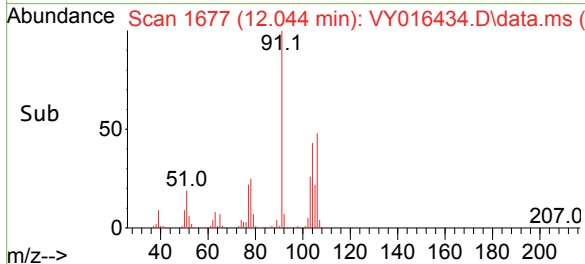
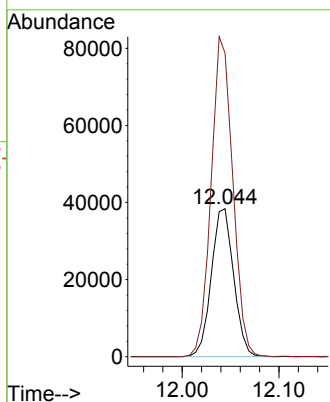
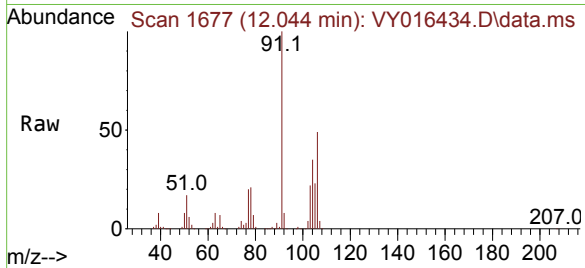




#69
o-Xylene
Concen: 22.914 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

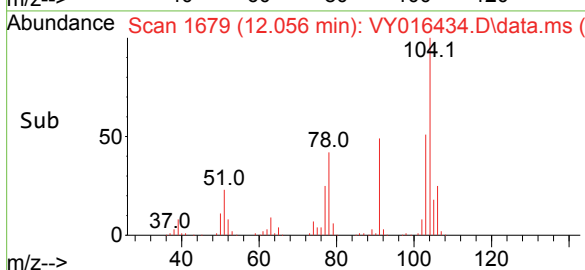
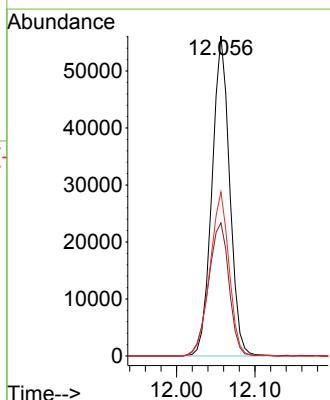
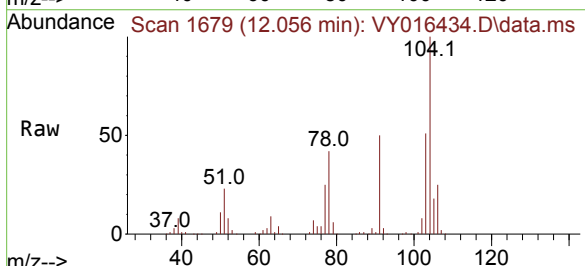
Instrument :
MSVOA_Y
ClientSampleId :

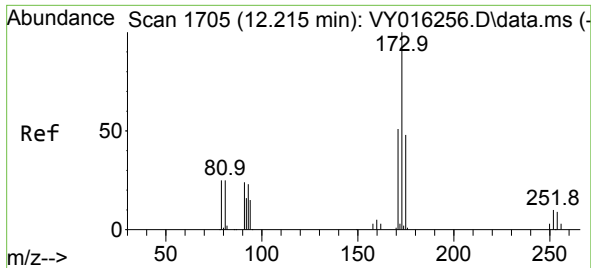
Tgt Ion:106 Resp: 61527
Ion Ratio Lower Upper
106 100
91 209.9 108.1 324.3



#70
Styrene
Concen: 22.891 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

Tgt Ion:104 Resp: 88011
Ion Ratio Lower Upper
104 100
78 48.4 41.5 62.3
103 55.5 44.6 67.0

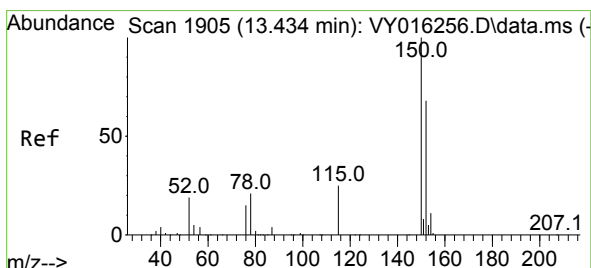
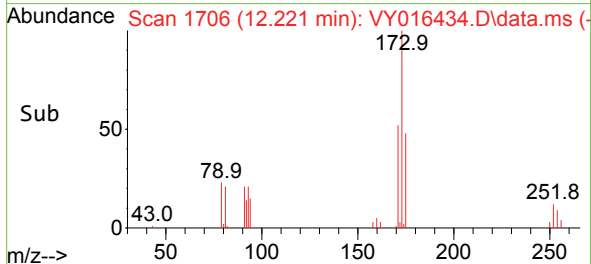
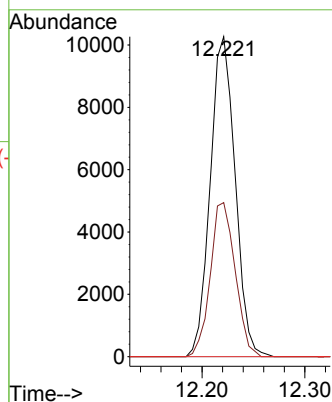
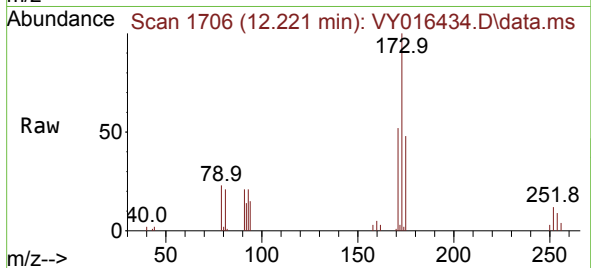




#71
Bromoform
Concen: 21.294 ug/l
RT: 12.221 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

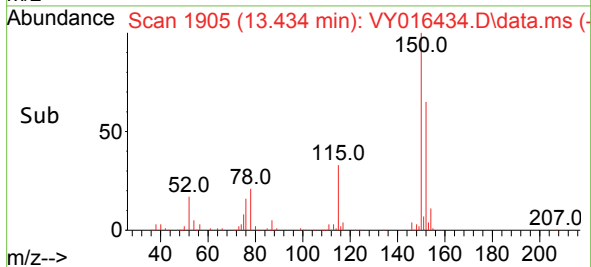
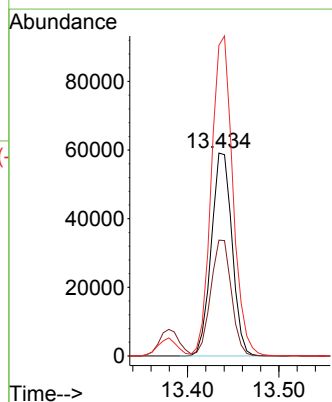
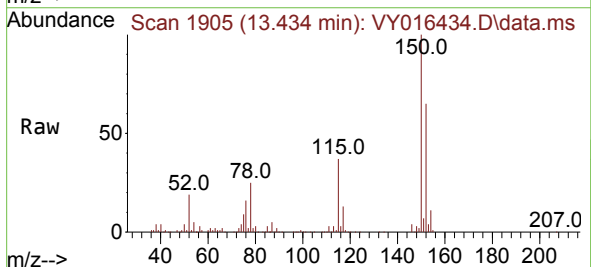
Instrument :
MSVOA_Y
ClientSampleId :

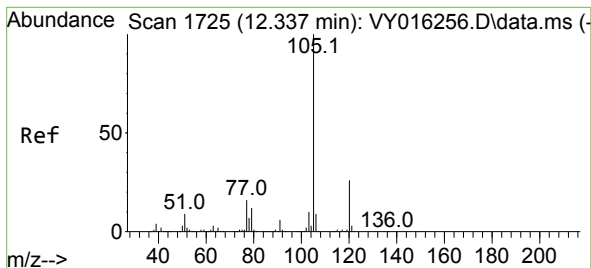
Tgt Ion:173 Resp: 17290
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

Tgt Ion:152 Resp: 93303
Ion Ratio Lower Upper
152 100
115 56.8 28.8 86.5
150 162.7 0.0 348.8





#73

Isopropylbenzene

Concen: 22.593 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. 0.006 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

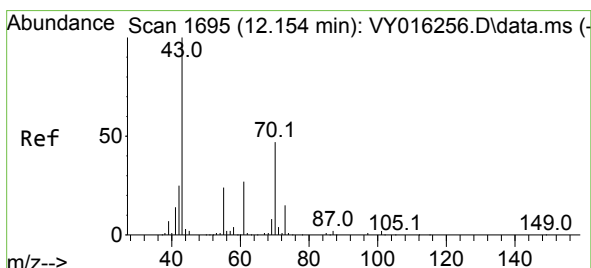
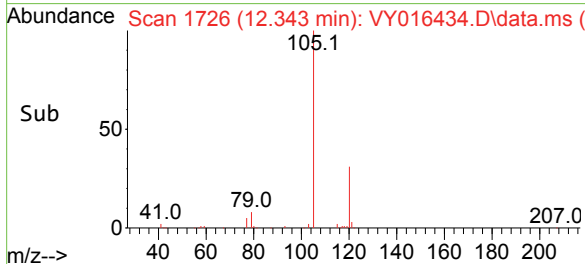
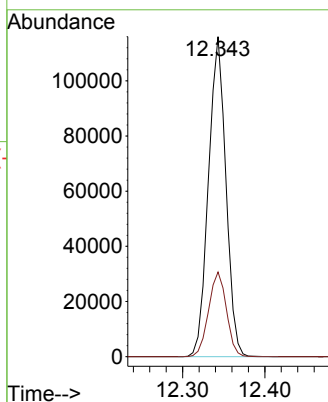
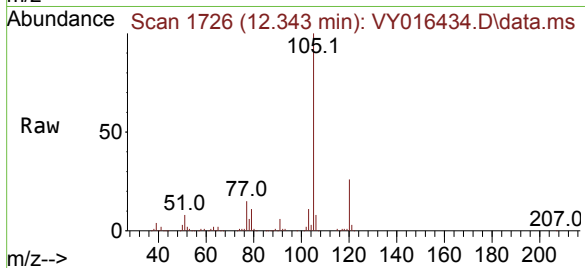
ClientSampleId :

Tgt Ion:105 Resp: 170701

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 15.907 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Tgt Ion: 43 Resp: 24141

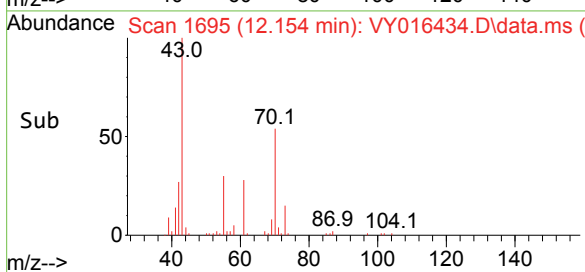
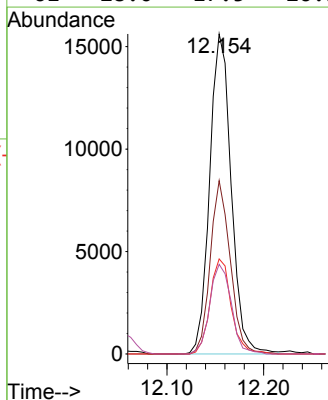
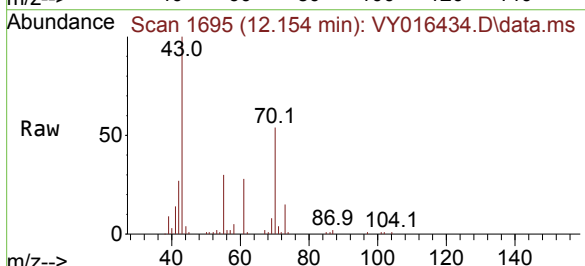
Ion Ratio Lower Upper

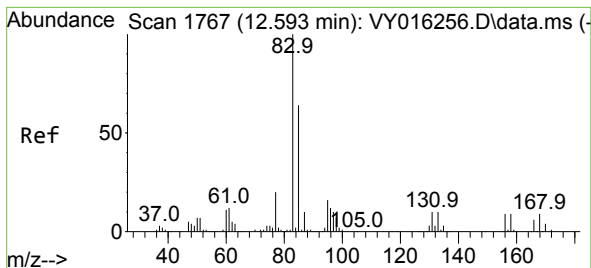
43 100

70 50.3 29.7 44.5#

55 29.2 18.3 27.5#

61 28.0 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.741 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

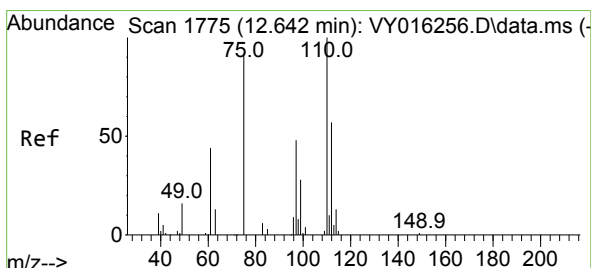
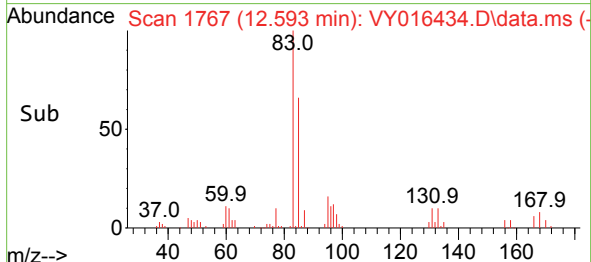
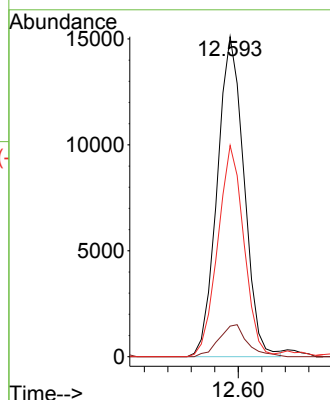
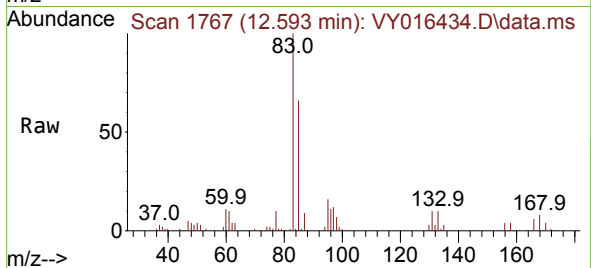
Tgt Ion: 83 Resp: 23934

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 34.618 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016434.D

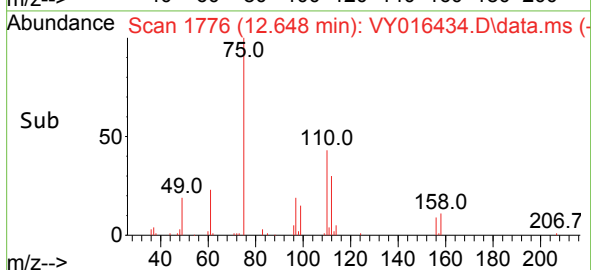
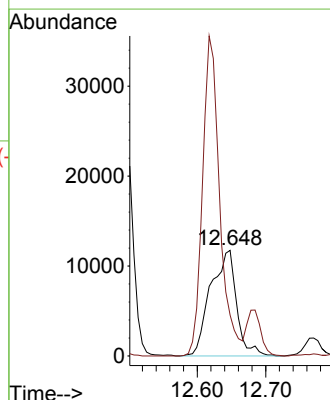
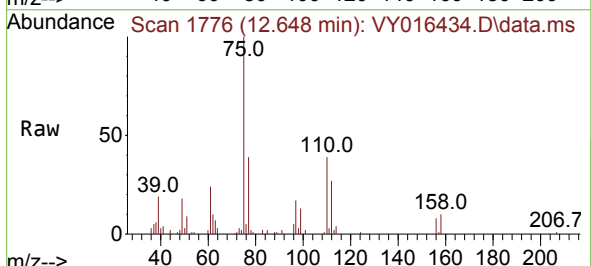
Acq: 21 Nov 2023 13:48

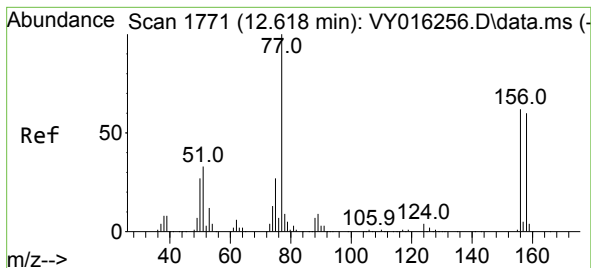
Tgt Ion: 75 Resp: 30985

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.122 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

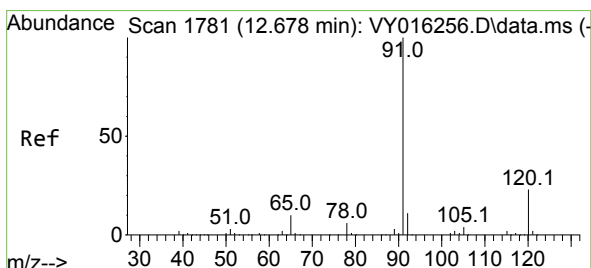
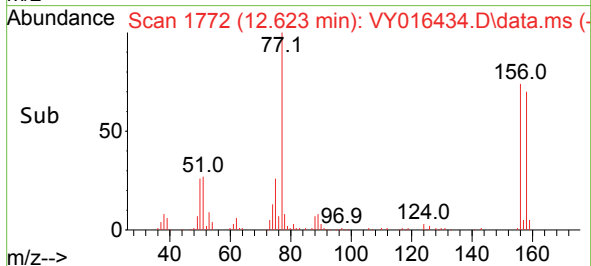
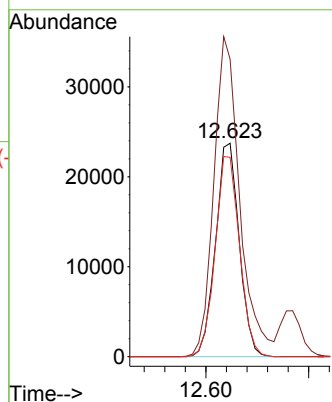
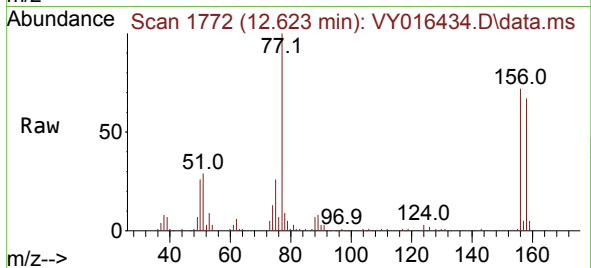
Tgt Ion:156 Resp: 37777

Ion Ratio Lower Upper

156 100

77 165.2 92.8 278.6

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 22.303 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016434.D

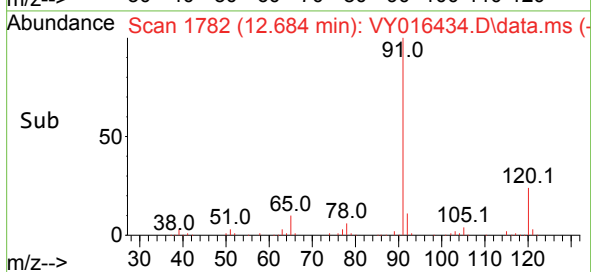
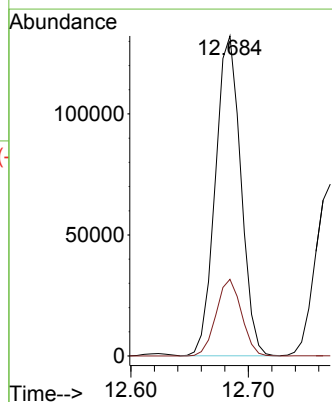
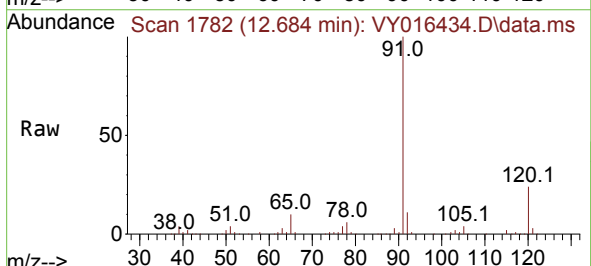
Acq: 21 Nov 2023 13:48

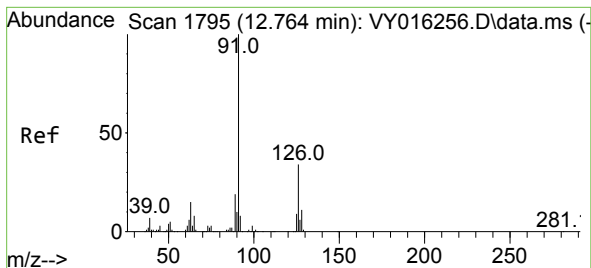
Tgt Ion: 91 Resp: 199141

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4

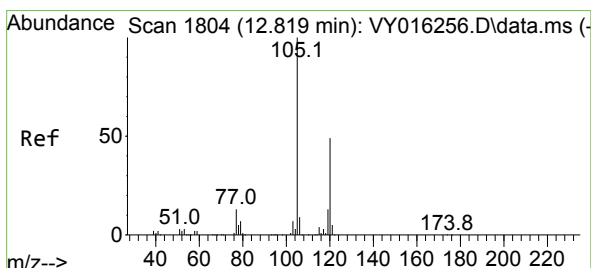
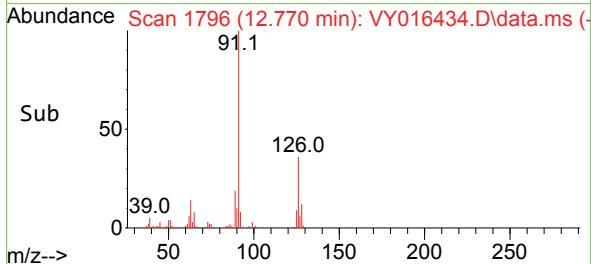
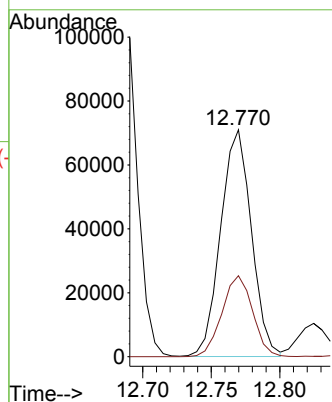
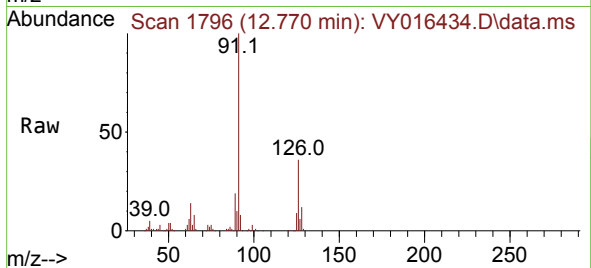




#79
2-Chlorotoluene
Concen: 22.538 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

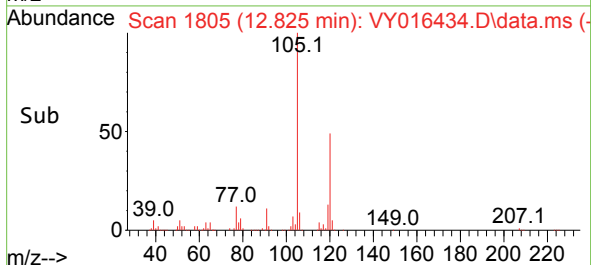
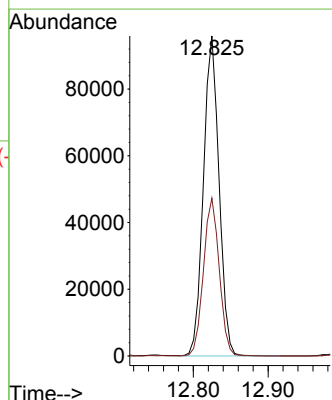
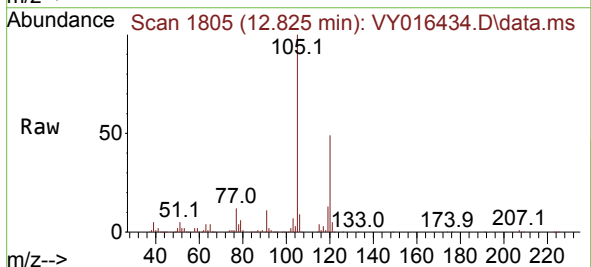
Instrument :
MSVOA_Y
ClientSampleId :

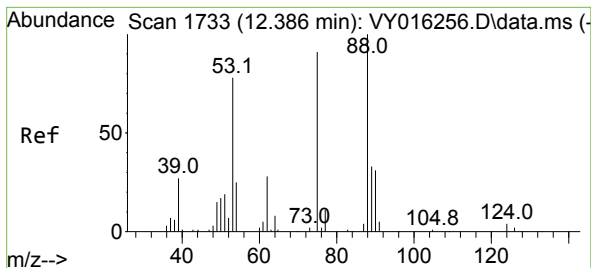
Tgt Ion: 91 Resp: 110903
Ion Ratio Lower Upper
91 100
126 35.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 22.837 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

Tgt Ion: 105 Resp: 139112
Ion Ratio Lower Upper
105 100
120 49.8 23.9 71.7

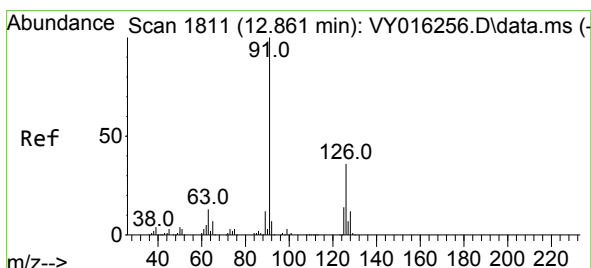
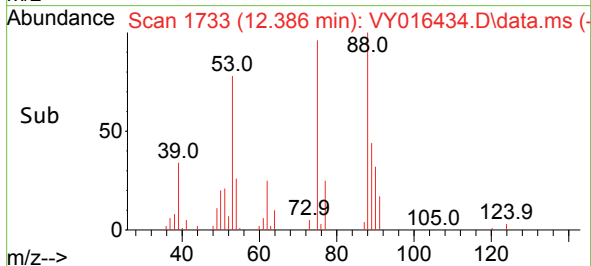
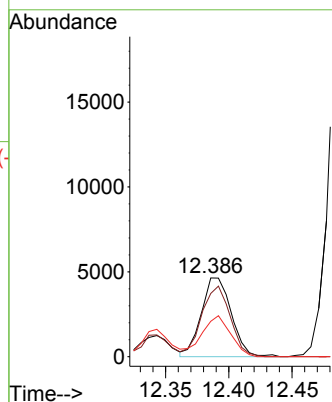
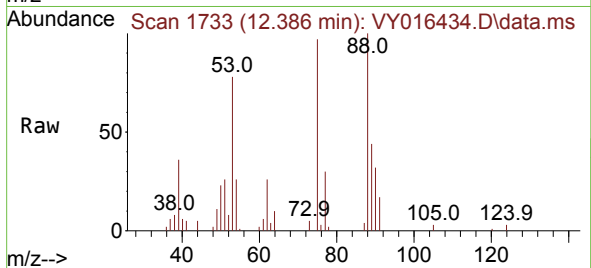




#81
trans-1,4-Dichloro-2-butene
Concen: 18.613 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

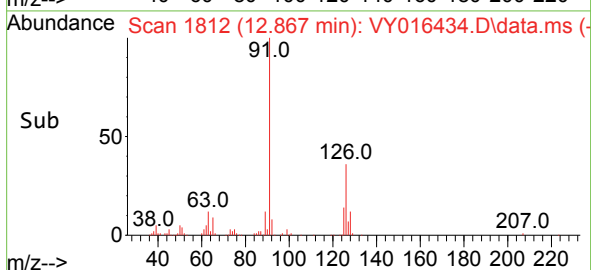
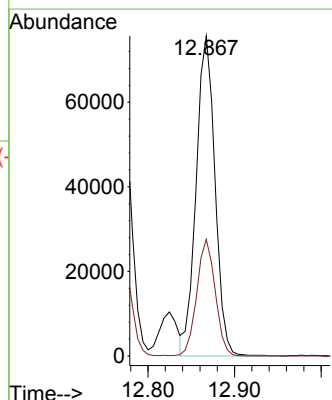
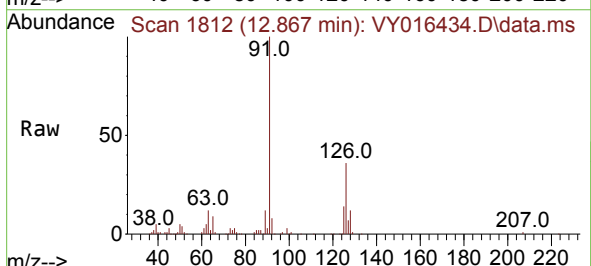
Instrument :
MSVOA_Y
ClientSampleId :

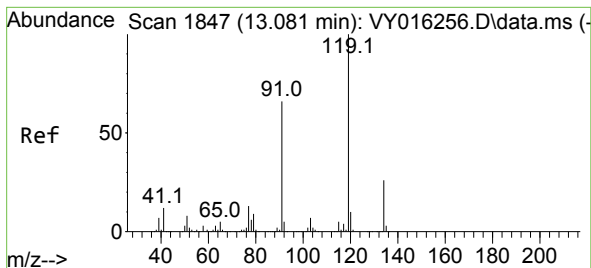
Tgt Ion: 75 Resp: 7675
Ion Ratio Lower Upper
75 100
53 85.6 77.8 116.8
89 50.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 22.475 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016434.D
Acq: 21 Nov 2023 13:48

Tgt Ion: 91 Resp: 114277
Ion Ratio Lower Upper
91 100
126 35.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 22.856 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

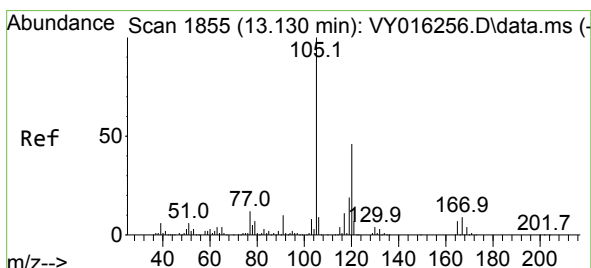
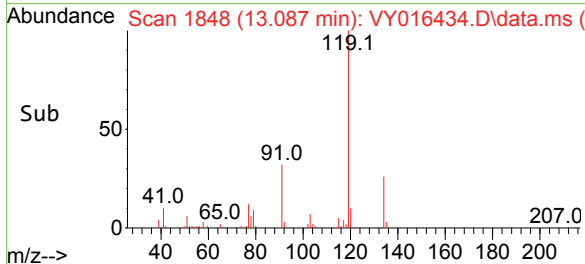
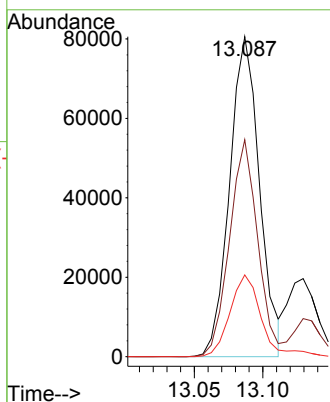
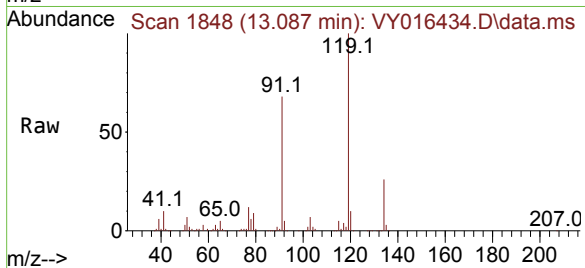
Tgt Ion:119 Resp: 122636

Ion Ratio Lower Upper

119 100

91 63.8 32.9 98.6

134 26.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 22.651 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016434.D

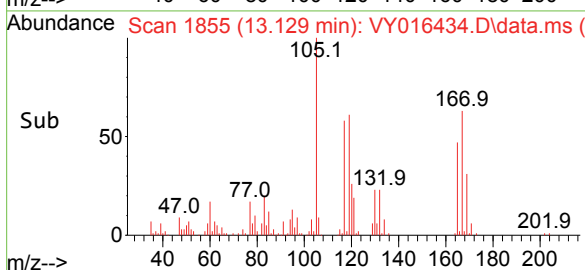
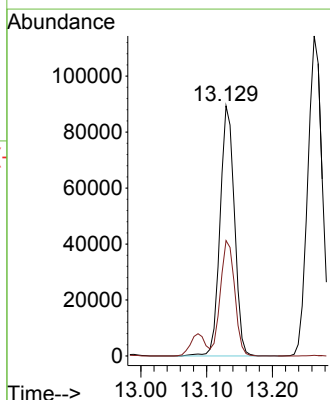
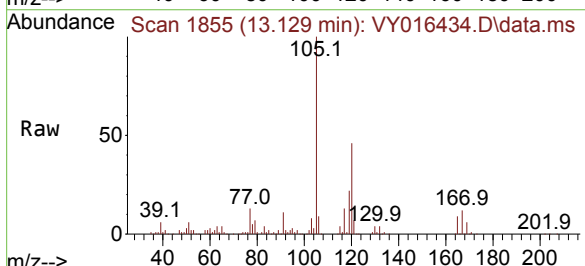
Acq: 21 Nov 2023 13:48

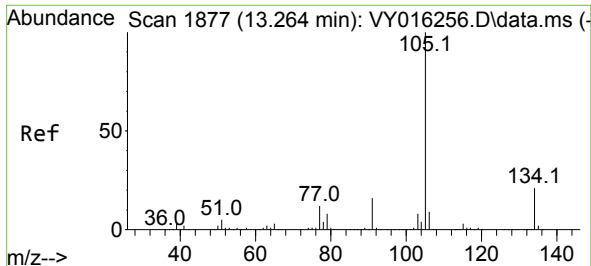
Tgt Ion:105 Resp: 135863

Ion Ratio Lower Upper

105 100

120 45.9 22.2 66.6

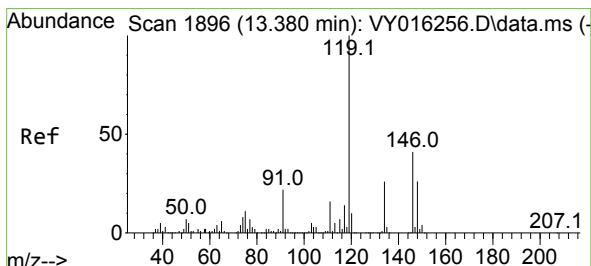
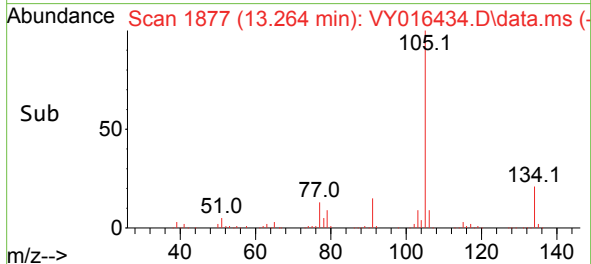
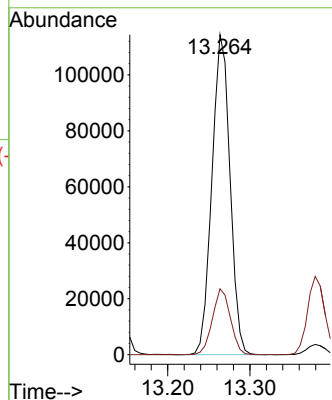
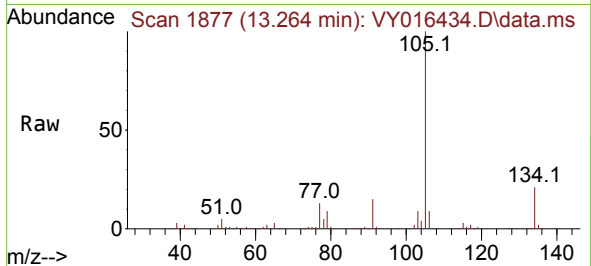




#85
 sec-Butylbenzene
 Concen: 22.761 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY016434.D
 Acq: 21 Nov 2023 13:48

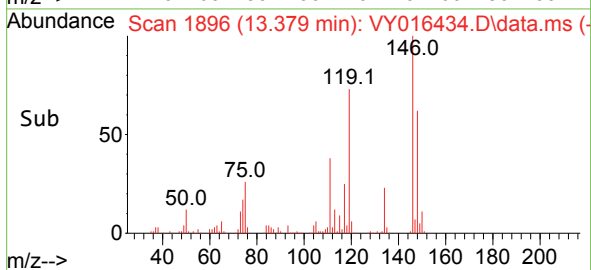
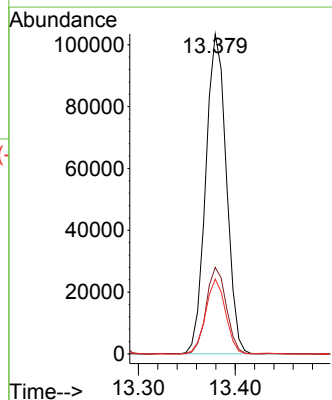
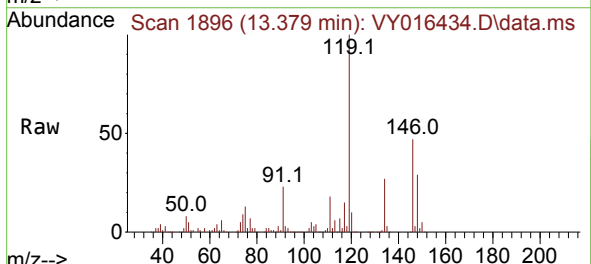
Instrument :
 MSVOA_Y
 ClientSampleId :

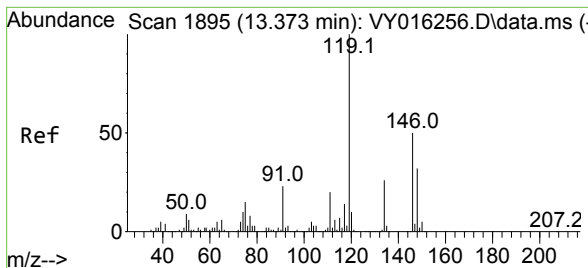
Tgt Ion:105 Resp: 174470
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 23.150 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. -0.000 min
 Lab File: VY016434.D
 Acq: 21 Nov 2023 13:48

Tgt Ion:119 Resp: 152803
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 22.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 22.825 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

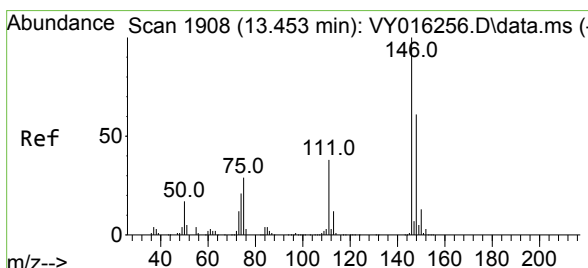
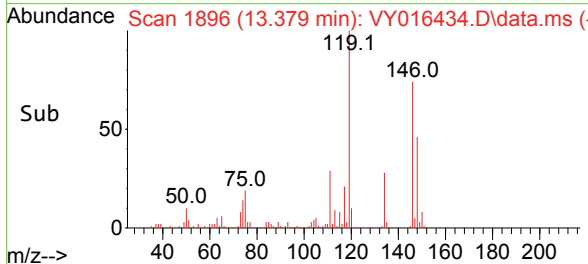
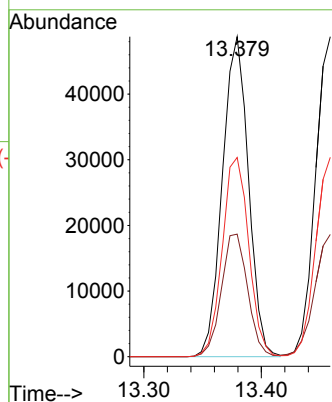
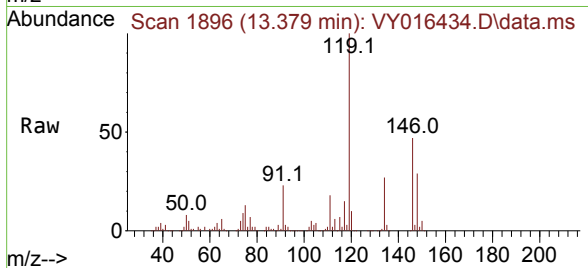
Tgt Ion:146 Resp: 74986

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 22.773 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

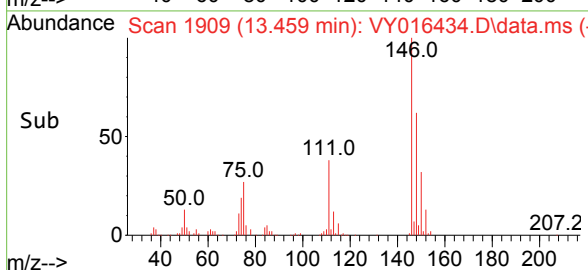
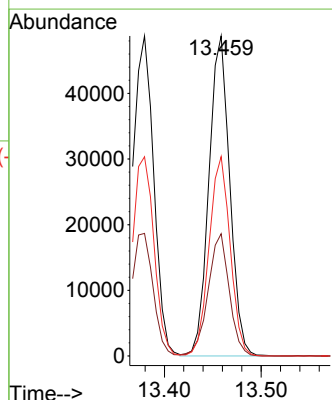
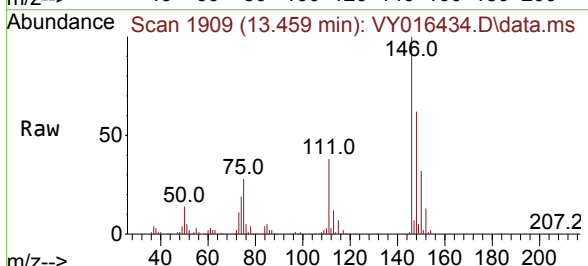
Tgt Ion:146 Resp: 73116

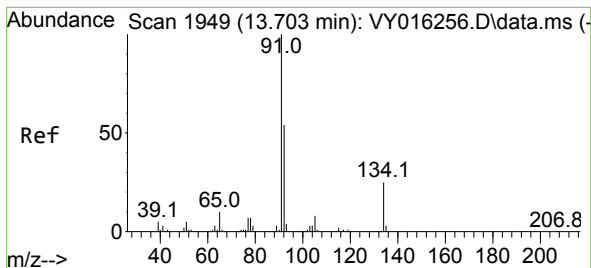
Ion Ratio Lower Upper

146 100

111 38.8 18.9 56.7

148 63.0 32.1 96.5





#89

n-Butylbenzene

Concen: 22.148 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

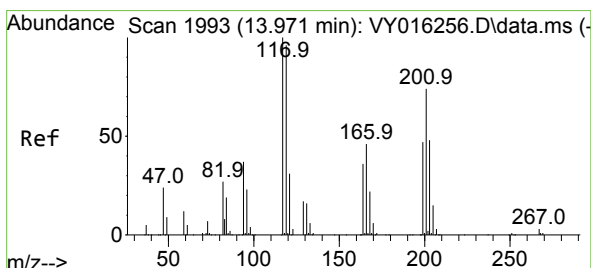
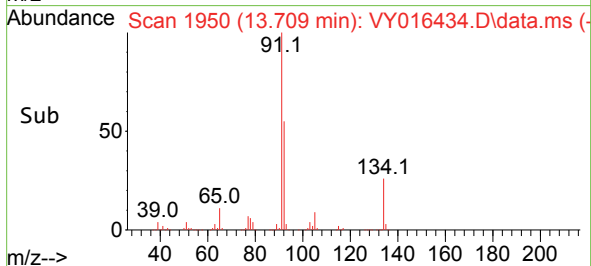
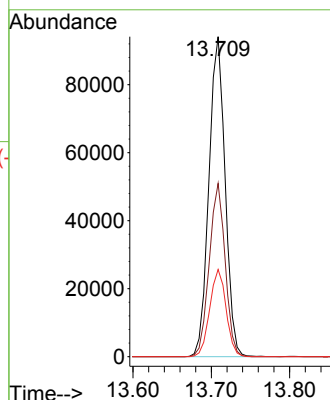
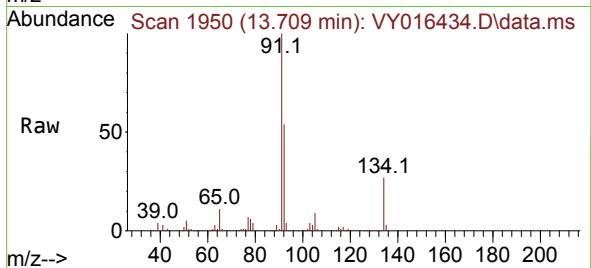
Tgt Ion: 91 Resp: 135006

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 27.5 12.6 37.6



#90

Hexachloroethane

Concen: 22.772 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016434.D

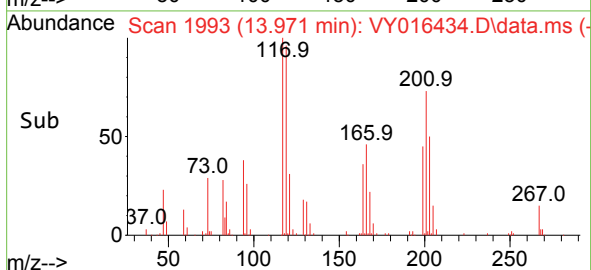
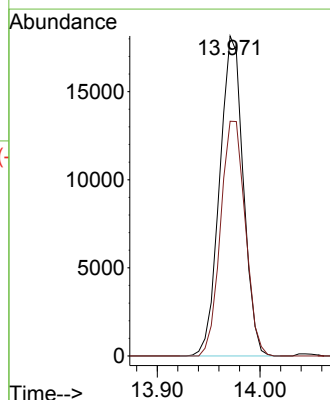
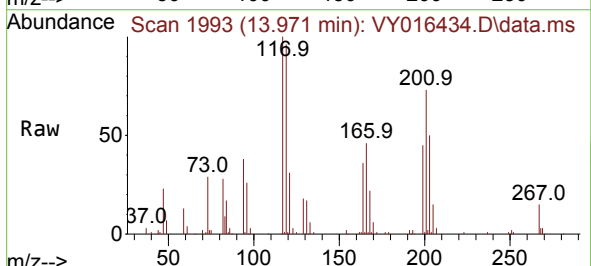
Acq: 21 Nov 2023 13:48

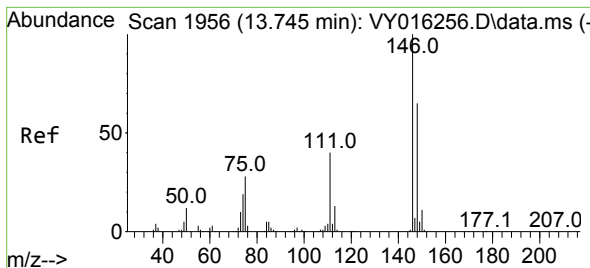
Tgt Ion: 117 Resp: 28994

Ion Ratio Lower Upper

117 100

201 76.6 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 22.390 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY016434.D

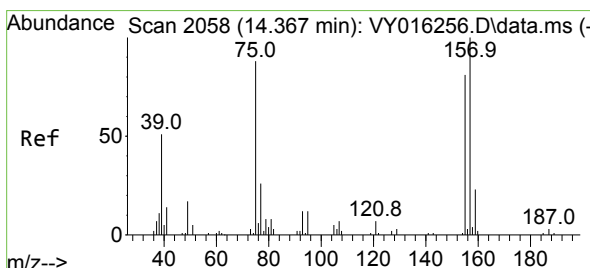
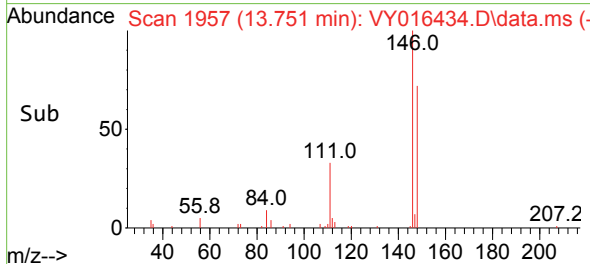
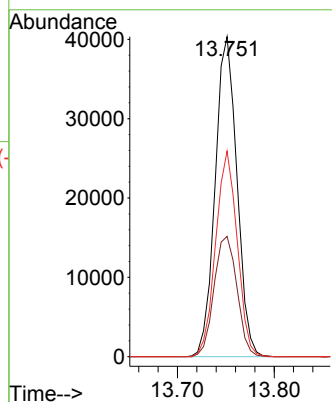
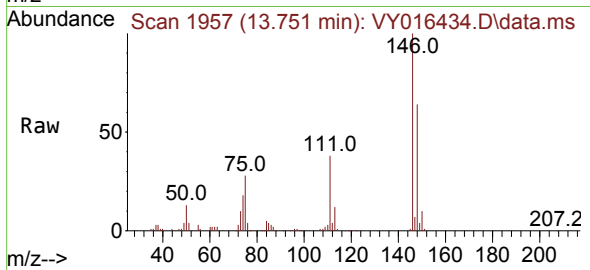
Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	63032
Ion Ratio	Lower	Upper
146	100	
111	39.6	19.7 59.0
148	63.6	32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.864 ug/l

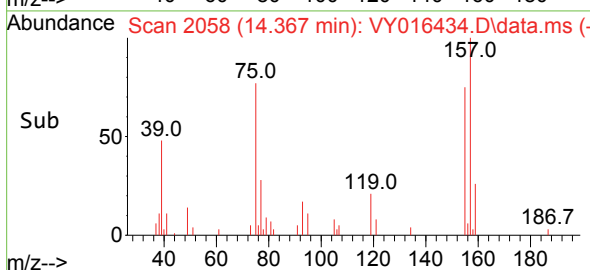
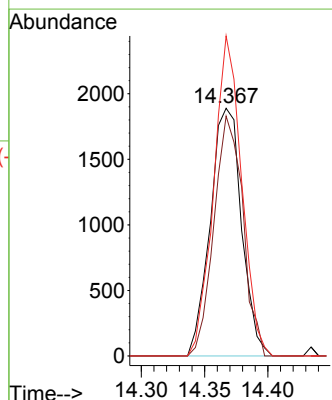
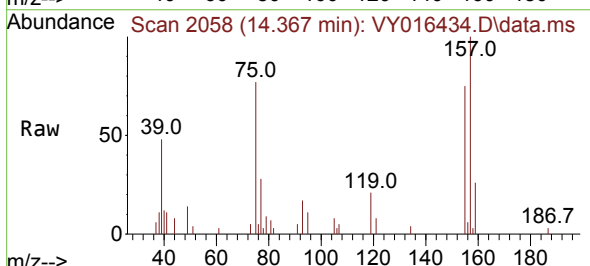
RT: 14.367 min Scan# 2058

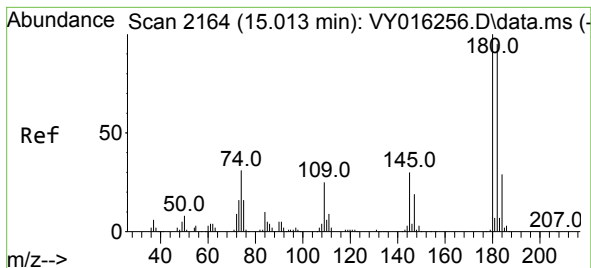
Delta R.T. -0.000 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Tgt Ion: 75	Resp:	3253
Ion Ratio	Lower	Upper
75	100	
155	89.1	41.5 124.6
157	115.3	51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.396 ug/l

RT: 15.019 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

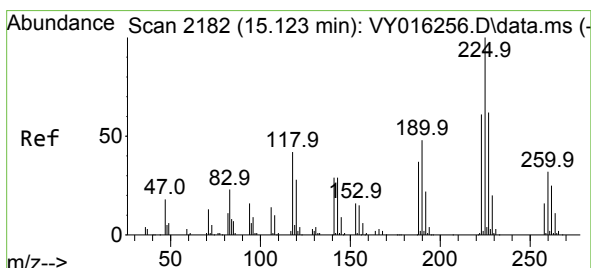
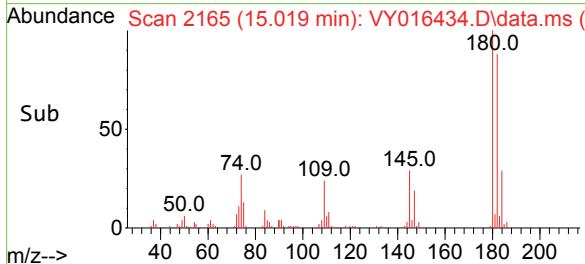
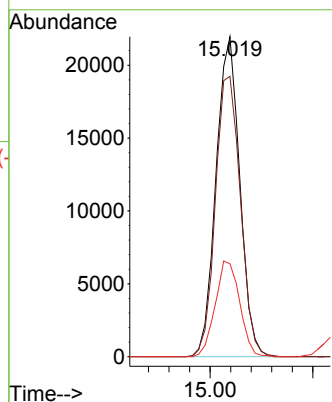
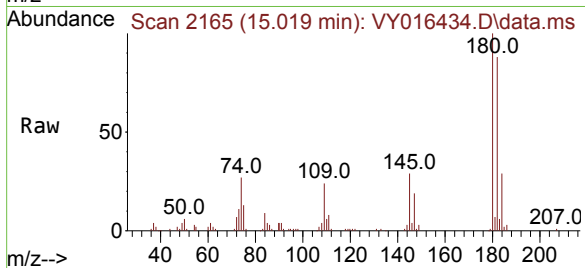
Tgt Ion:180 Resp: 35159

Ion Ratio Lower Upper

180 100

182 92.2 47.0 141.2

145 30.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 24.758 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

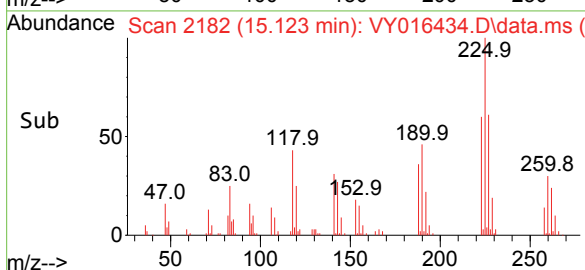
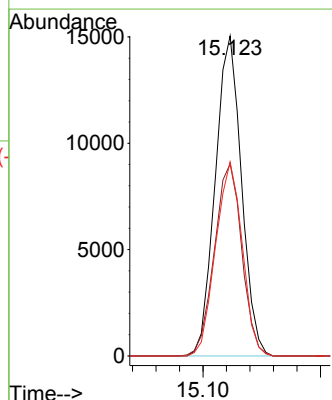
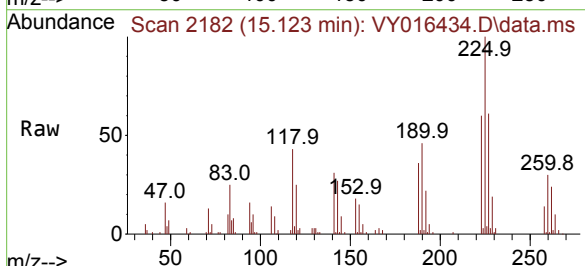
Tgt Ion:225 Resp: 23307

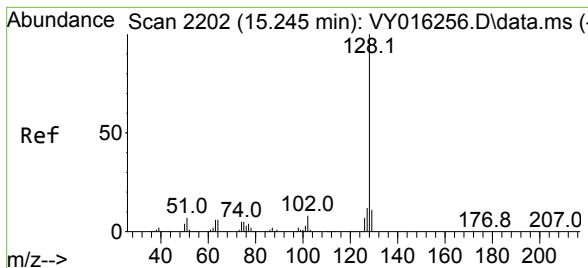
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.9

227 61.5 33.0 98.9





#95

Naphthalene

Concen: 18.418 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016434.D

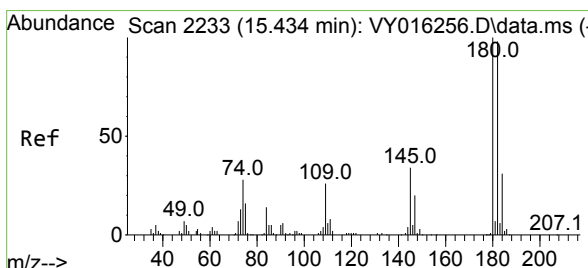
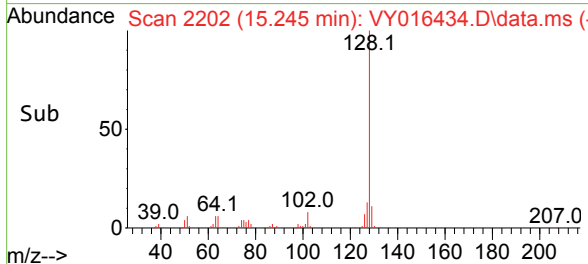
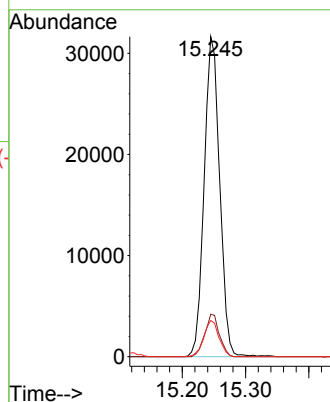
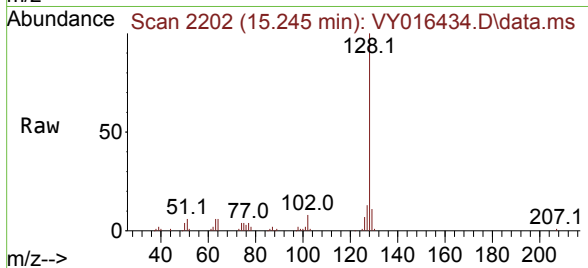
Acq: 21 Nov 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	54129
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.8 16.2
129	11.0	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.344 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016434.D

Acq: 21 Nov 2023 13:48

Tgt Ion:180	Resp:	27650
Ion Ratio	Lower	Upper
180	100	
182	94.5	47.3 141.8
145	32.0	15.4 46.2

