

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015889.D
 Acq On : 10 Oct 2023 11:46
 Operator : SY/MD
 Sample : VY1010SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 01:17:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	183011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	300880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	268777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	134424	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81667	49.593	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.180%
35) Dibromofluoromethane	7.728	113	84394	50.287	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.580%
50) Toluene-d8	10.185	98	287351	51.953	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.900%
62) 4-Bromofluorobenzene	12.489	95	110089	49.004	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	15688	21.431	ug/l	100
3) Chloromethane	2.125	50	14386	19.213	ug/l	98
4) Vinyl Chloride	2.259	62	18366	19.232	ug/l	94
5) Bromomethane	2.650	94	16056	20.505	ug/l	95
6) Chloroethane	2.796	64	15088	20.121	ug/l	92
7) Trichlorofluoromethane	3.131	101	43105	21.273	ug/l	96
8) Diethyl Ether	3.540	74	17074	19.917	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.905	101	30510	22.186	ug/l	93
10) Methyl Iodide	4.101	142	22050	17.500	ug/l	96
11) Tert butyl alcohol	4.954	59	45518	115.233	ug/l #	94
12) 1,1-Dichloroethene	3.887	96	22030	20.827	ug/l	89
13) Acrolein	3.735	56	9610	95.482	ug/l	99
14) Allyl chloride	4.491	41	40296	20.662	ug/l	91
15) Acrylonitrile	5.180	53	58568	99.354	ug/l	99
16) Acetone	3.954	43	71928	95.111	ug/l #	88
17) Carbon Disulfide	4.204	76	22140	15.966	ug/l	98
18) Methyl Acetate	4.491	43	40305	18.054	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	99552	20.769	ug/l	96
20) Methylene Chloride	4.729	84	46739	22.024	ug/l	89
21) trans-1,2-Dichloroethene	5.228	96	25053	20.411	ug/l	91
22) Diisopropyl ether	6.131	45	115155	22.075	ug/l	90
23) Vinyl Acetate	6.070	43	298959	104.224	ug/l	95
24) 1,1-Dichloroethane	6.033	63	61983	21.571	ug/l	96
25) 2-Butanone	6.996	43	91483	101.273	ug/l	96
26) 2,2-Dichloropropane	6.990	77	57342	21.458	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	38202	21.088	ug/l	95
28) Bromochloromethane	7.344	49	34262	20.688	ug/l	93
29) Tetrahydrofuran	7.356	42	46444	93.984	ug/l	93
30) Chloroform	7.515	83	69676	21.739	ug/l	93
31) Cyclohexane	7.795	56	33896	19.219	ug/l #	79
32) 1,1,1-Trichloroethane	7.710	97	57266	21.878	ug/l	98
36) 1,1-Dichloropropene	7.929	75	38879	20.918	ug/l	98
37) Ethyl Acetate	7.088	43	32920	20.623	ug/l #	94
38) Carbon Tetrachloride	7.911	117	47883	21.451	ug/l	95
39) Methylcyclohexane	9.191	83	37678	19.957	ug/l	92
40) Benzene	8.167	78	122623	20.993	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	43752	44.065	ug/l #	17
42) 1,2-Dichloroethane	8.246	62	41713	20.949	ug/l	94
43) Isopropyl Acetate	8.283	43	59804	20.239	ug/l	96
44) Trichloroethene	8.947	130	35767	21.161	ug/l	99
45) 1,2-Dichloropropane	9.222	63	38074	21.671	ug/l	94
46) Dibromomethane	9.313	93	21533	20.595	ug/l	97
47) Bromodichloromethane	9.508	83	56577	21.758	ug/l	98
48) Methyl methacrylate	9.301	41	25752	19.734	ug/l	88
49) 1,4-Dioxane	9.307	88	6833	375.957	ug/l #	61
51) 4-Methyl-2-Pentanone	10.075	43	175971	99.539	ug/l	92
52) Toluene	10.252	92	82477	21.272	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	54799	20.846	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	59872	20.967	ug/l #	88
55) 1,1,2-Trichloroethane	10.654	97	35393	21.260	ug/l	95
56) Ethyl methacrylate	10.514	69	45239	20.016	ug/l #	86
57) 1,3-Dichloropropane	10.794	76	56529	21.061	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	140897	102.277	ug/l	95
59) 2-Hexanone	10.837	43	137879	103.089	ug/l	91
60) Dibromochloromethane	10.990	129	42381	21.235	ug/l	100
61) 1,2-Dibromoethane	11.093	107	30659	20.164	ug/l	100
64) Tetrachloroethene	10.727	164	36626	20.881	ug/l	96
65) Chlorobenzene	11.526	112	100665	21.472	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	42450	22.153	ug/l	98
67) Ethyl Benzene	11.599	91	174122	21.649	ug/l	99
68) m/p-Xylenes	11.709	106	132562	43.740	ug/l	96
69) o-Xylene	12.038	106	67664	22.314	ug/l	93
70) Styrene	12.050	104	116948	22.105	ug/l	96
71) Bromoform	12.215	173	27946	20.943	ug/l #	98
73) Isopropylbenzene	12.337	105	187643	22.129	ug/l	100
74) N-amyl acetate	12.148	43	54525	20.404	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	45245	20.578	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	56572	36.051	ug/l #	100
77) Bromobenzene	12.617	156	44786	21.540	ug/l	100
78) n-propylbenzene	12.678	91	226722	22.233	ug/l	100
79) 2-Chlorotoluene	12.764	91	129932	22.368	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	156877	22.447	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	13981	19.757	ug/l	97
82) 4-Chlorotoluene	12.861	91	134445	22.210	ug/l	100
83) tert-Butylbenzene	13.081	119	142736	21.884	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	156253	22.202	ug/l	99
85) sec-Butylbenzene	13.257	105	216713	22.656	ug/l	100
86) p-Isopropyltoluene	13.373	119	179977	22.745	ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	92736	22.153	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	92856	22.027	ug/l	98
89) n-Butylbenzene	13.703	91	168514	22.504	ug/l	97
90) Hexachloroethane	13.971	117	36355	22.893	ug/l	88
91) 1,2-Dichlorobenzene	13.745	146	84153	21.627	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7577	19.623	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	53043	21.270	ug/l	98
94) Hexachlorobutadiene	15.117	225	30373	22.745	ug/l	98
95) Naphthalene	15.245	128	113214	19.624	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	46846	21.118	ug/l	99

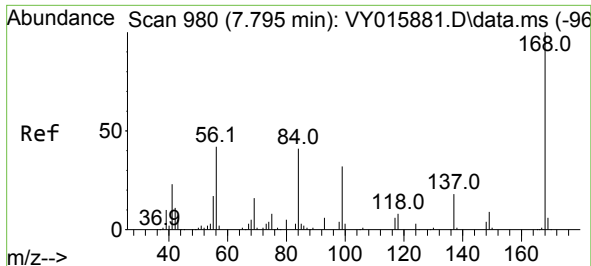
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
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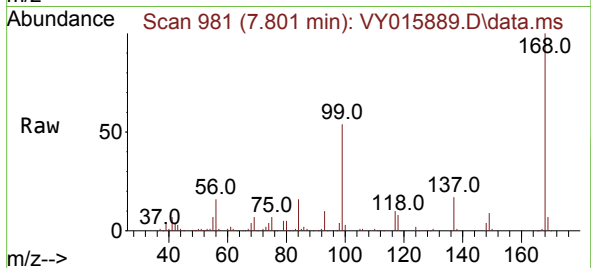
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

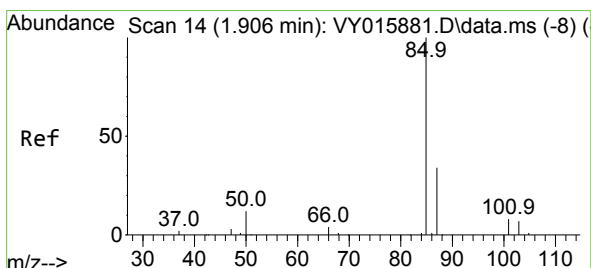
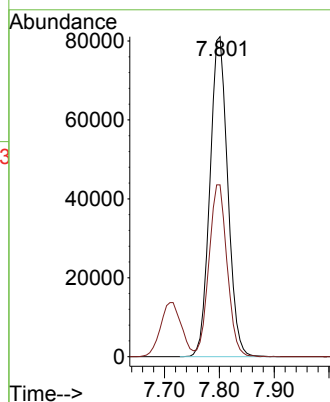
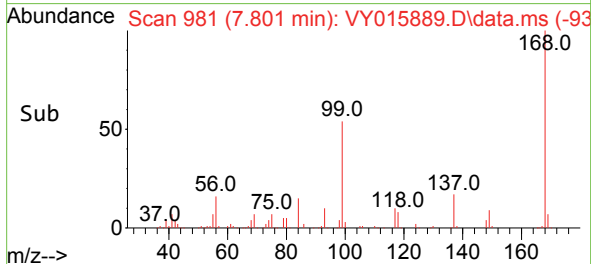


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015889.D
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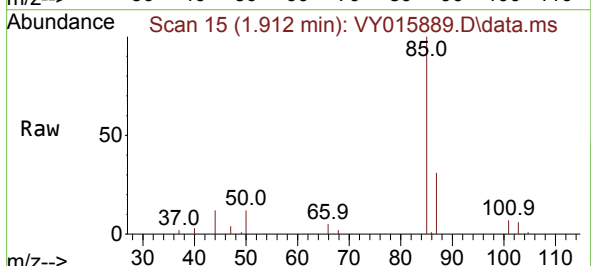
Instrument :
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ClientSampleId :



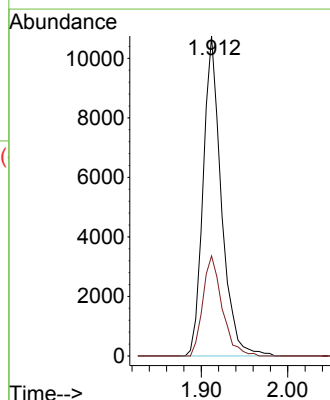
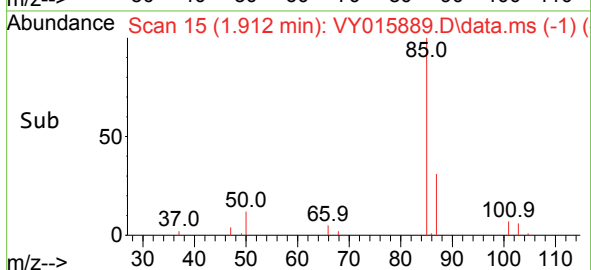
Tgt Ion:168 Resp: 183011
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0

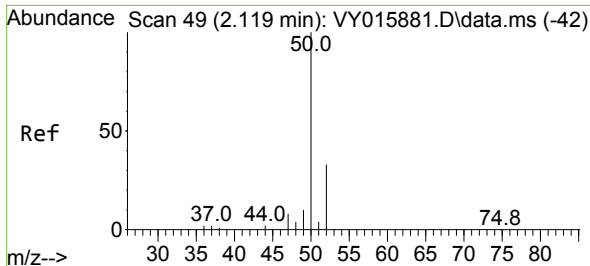


#2
Dichlorodifluoromethane
Concen: 21.431 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46



Tgt Ion: 85 Resp: 15688
Ion Ratio Lower Upper
85 100
87 31.2 15.6 46.8

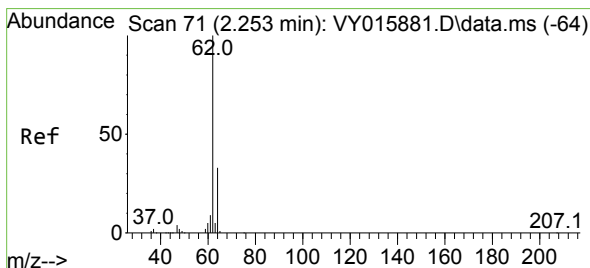
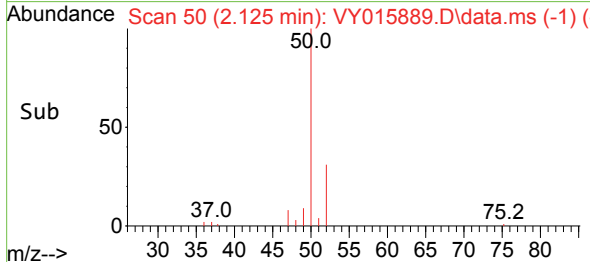
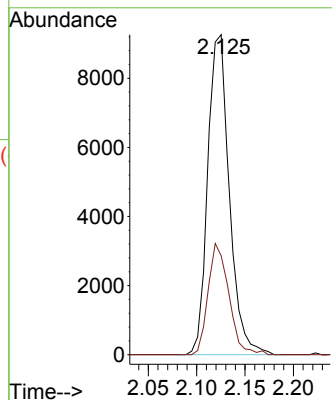
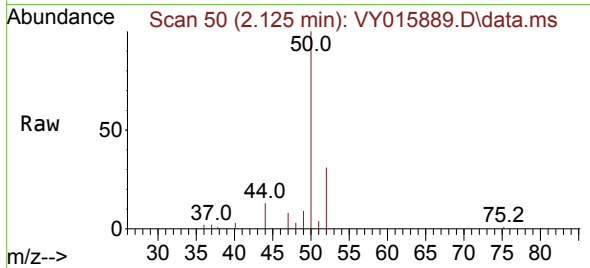




#3
Chloromethane
Concen: 19.213 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

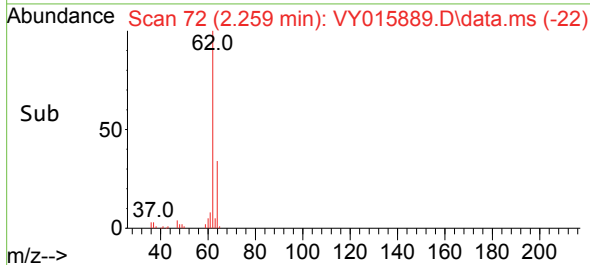
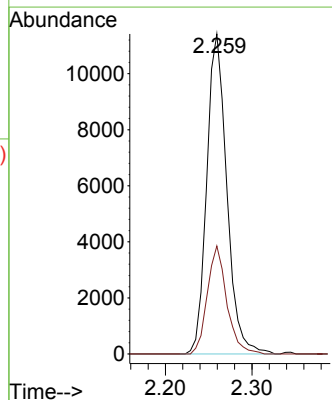
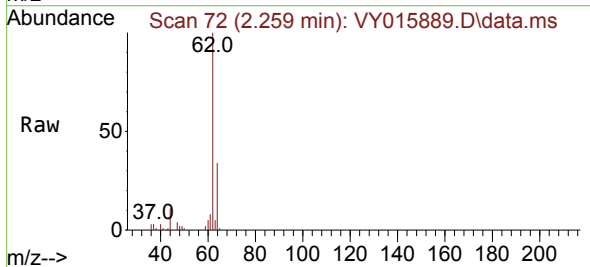
Instrument :
MSVOA_Y
ClientSampleId :

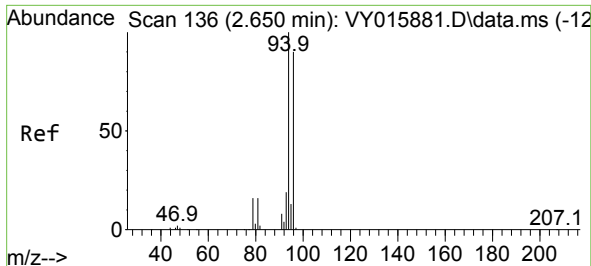
Tgt Ion: 50 Resp: 14386
Ion Ratio Lower Upper
50 100
52 30.9 25.4 38.2



#4
Vinyl Chloride
Concen: 19.232 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

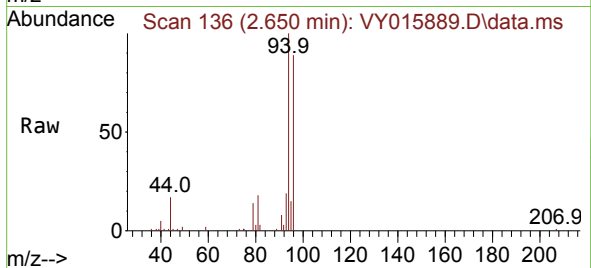
Tgt Ion: 62 Resp: 18366
Ion Ratio Lower Upper
62 100
64 33.8 24.3 36.5



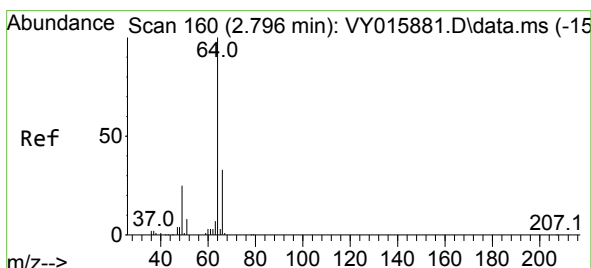
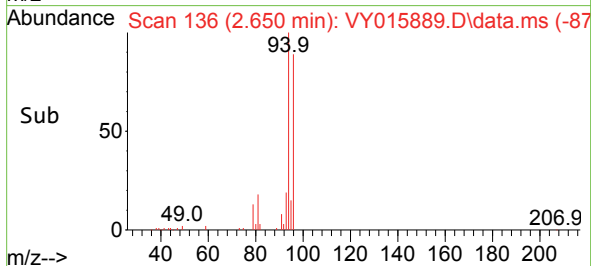
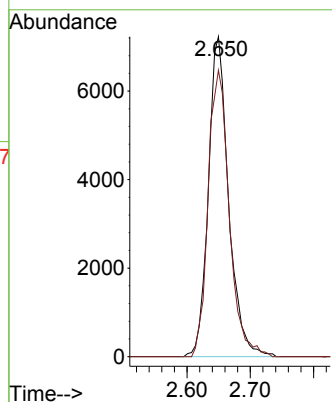


#5
Bromomethane
Concen: 20.505 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

Instrument :
MSVOA_Y
ClientSampleId :

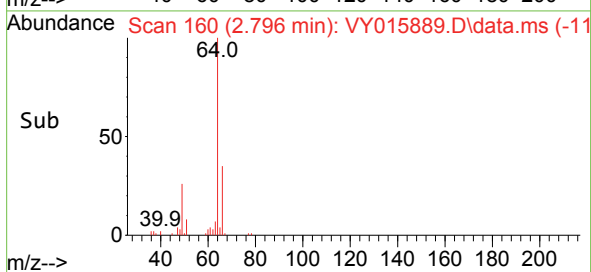
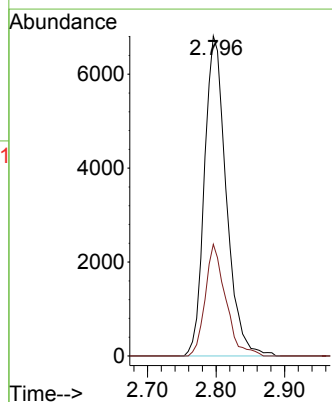
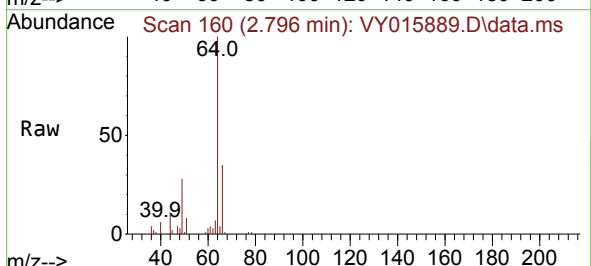


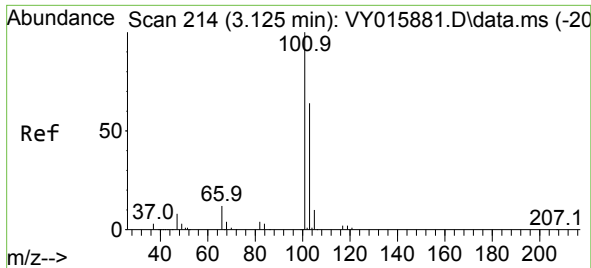
Tgt Ion: 94 Resp: 16056
Ion Ratio Lower Upper
94 100
96 89.5 75.8 113.6



#6
Chloroethane
Concen: 20.121 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

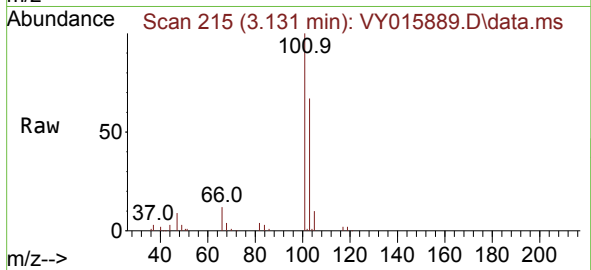
Tgt Ion: 64 Resp: 15088
Ion Ratio Lower Upper
64 100
66 34.9 24.4 36.6



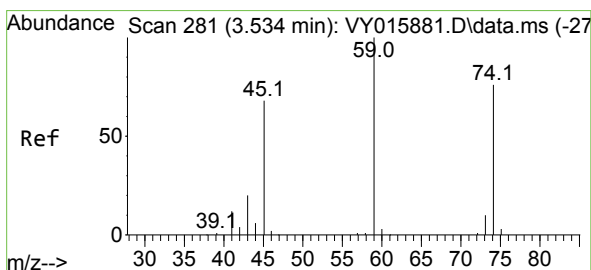
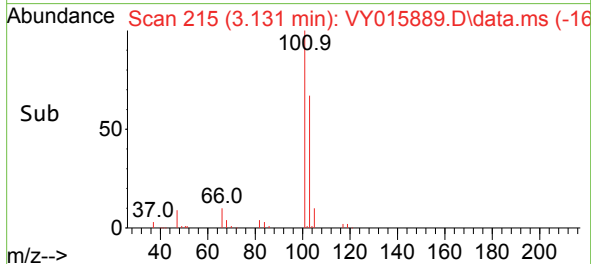
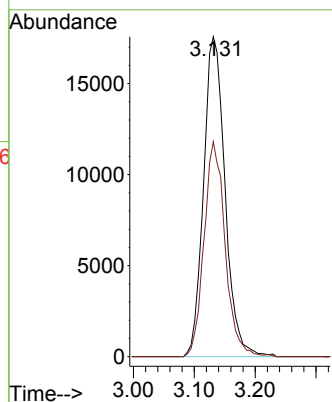


#7
 Trichlorofluoromethane
 Concen: 21.273 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY015889.D
 Acq: 10 Oct 2023 11:46

Instrument :
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 ClientSampleId :

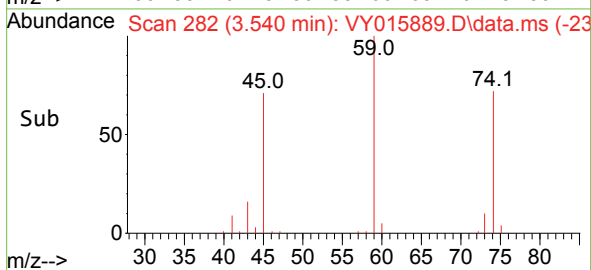
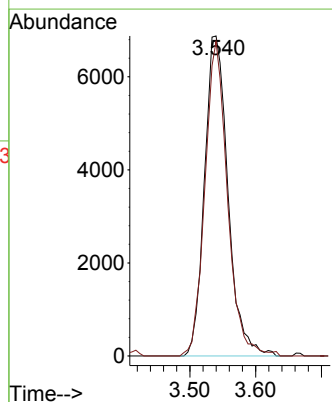
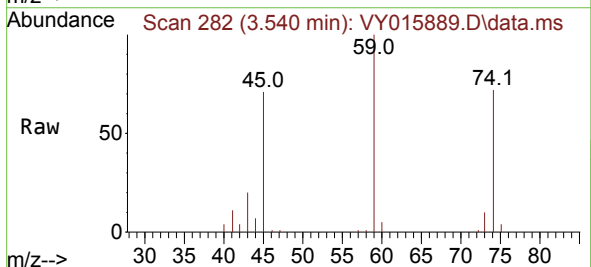


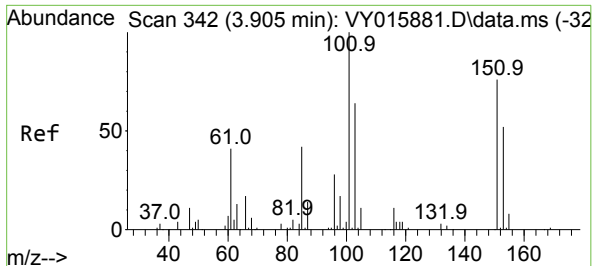
Tgt Ion:101 Resp: 43105
 Ion Ratio Lower Upper
 101 100
 103 67.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.917 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.006 min
 Lab File: VY015889.D
 Acq: 10 Oct 2023 11:46

Tgt Ion: 74 Resp: 17074
 Ion Ratio Lower Upper
 74 100
 45 94.3 51.5 154.5

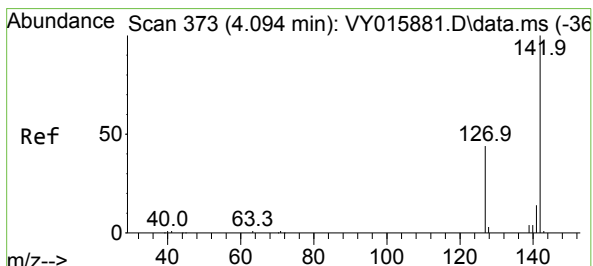
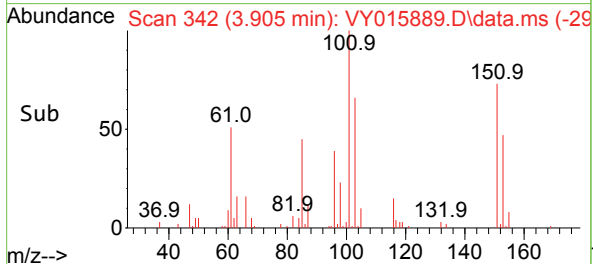
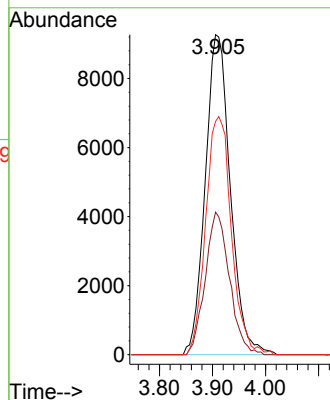
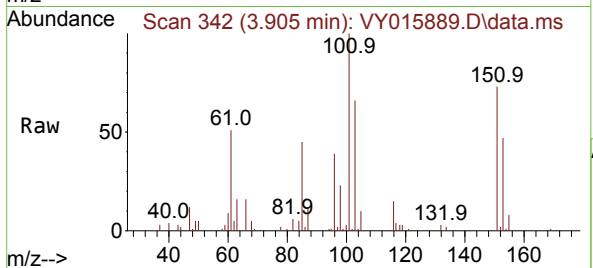




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.186 ug/l
RT: 3.905 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY015889.D
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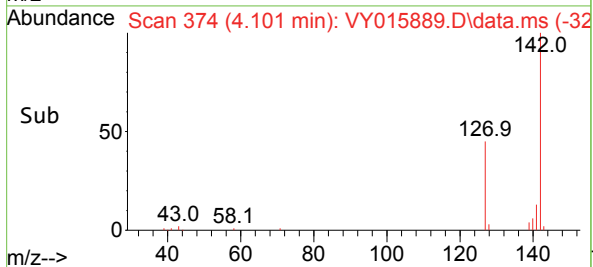
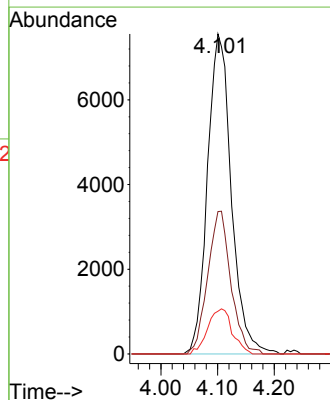
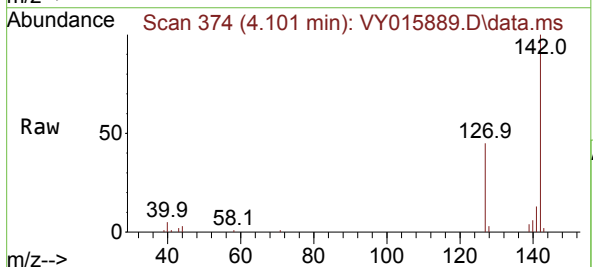
Instrument :
MSVOA_Y
ClientSampleId :

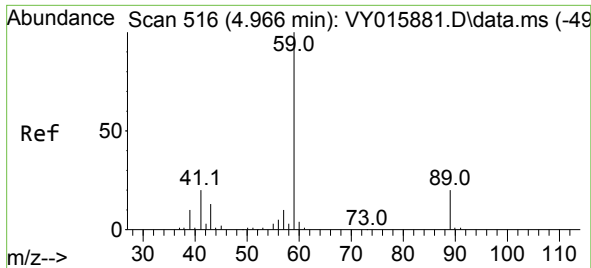
Tgt Ion:101 Resp: 30510
Ion Ratio Lower Upper
101 100
85 42.9 36.6 55.0
151 76.2 67.0 100.6



#10
Methyl Iodide
Concen: 17.500 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.007 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

Tgt Ion:142 Resp: 22050
Ion Ratio Lower Upper
142 100
127 43.4 37.6 56.4
141 14.5 11.8 17.8

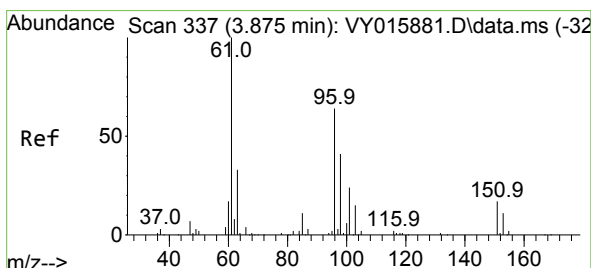
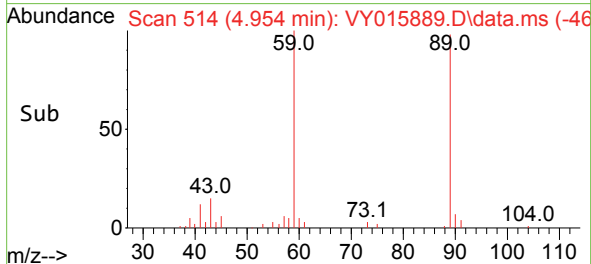
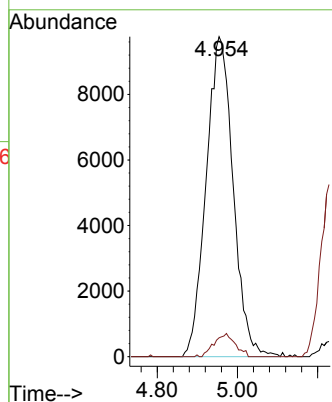
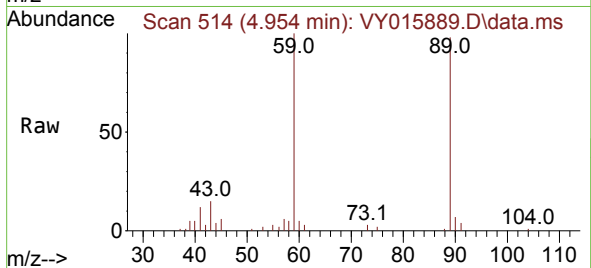




#11
Tert butyl alcohol
Concen: 115.233 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

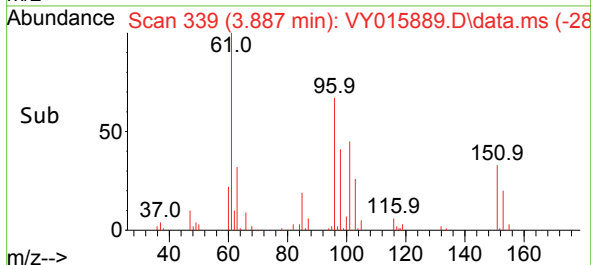
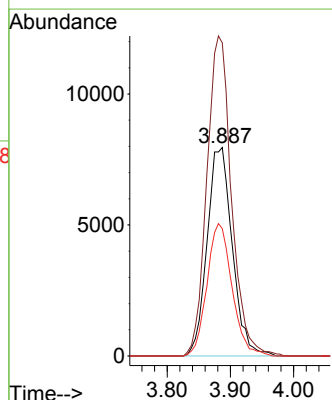
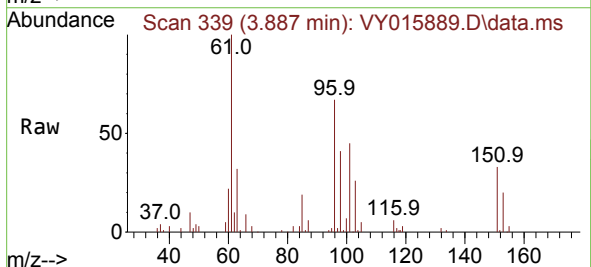
Instrument :
MSVOA_Y
ClientSampleId :

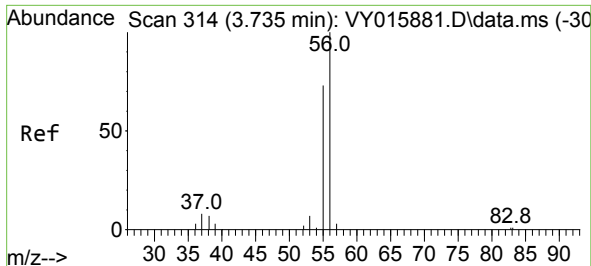
Tgt Ion: 59 Resp: 45518
Ion Ratio Lower Upper
59 100
57 5.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.827 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.012 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

Tgt Ion: 96 Resp: 22030
Ion Ratio Lower Upper
96 100
61 150.2 136.4 204.6
98 61.1 49.4 74.2

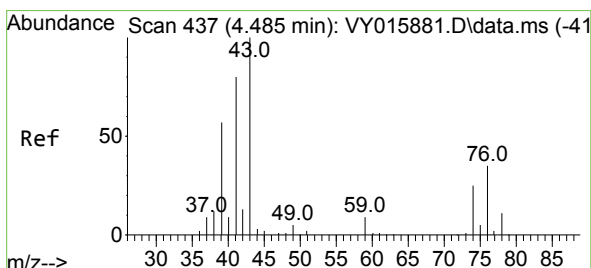
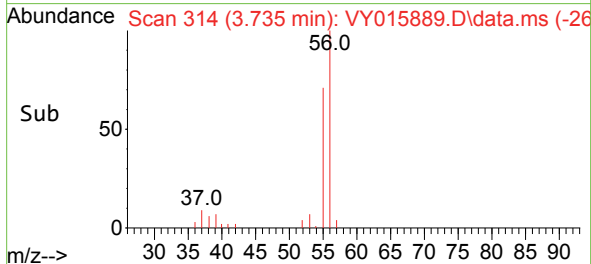
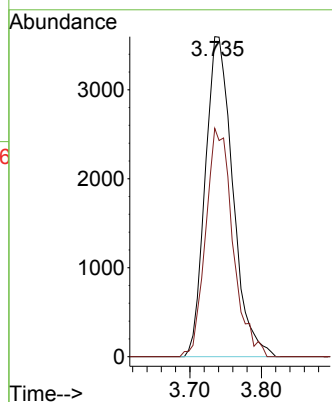
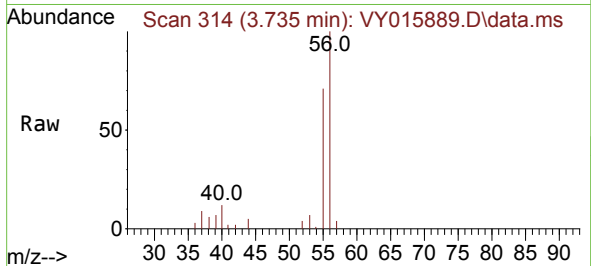




#13
Acrolein
Concen: 95.482 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.000 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

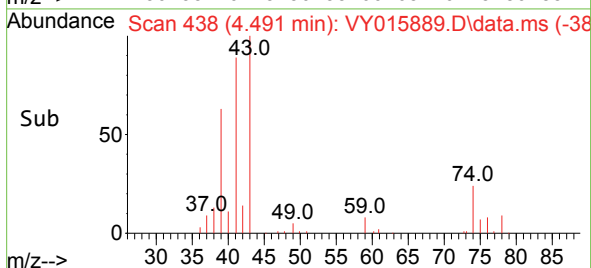
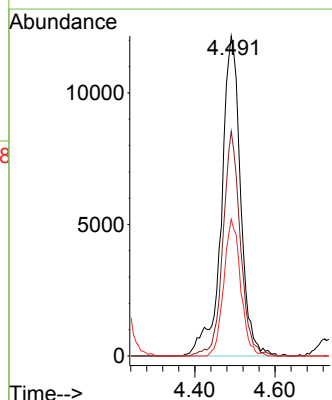
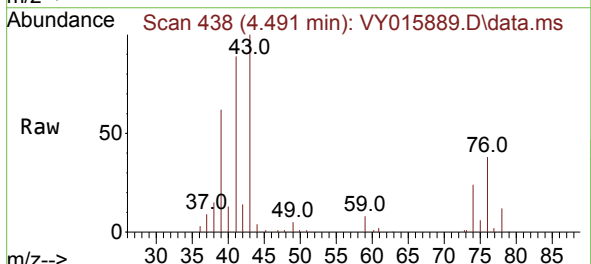
Instrument :
MSVOA_Y
ClientSampleId :

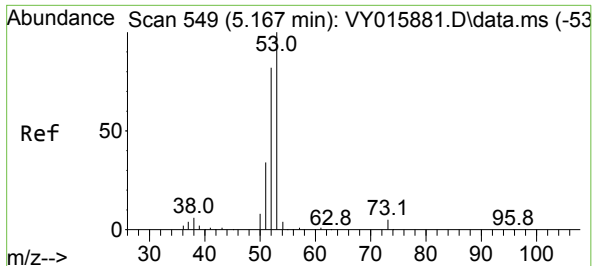
Tgt Ion: 56 Resp: 9610
Ion Ratio Lower Upper
56 100
55 70.3 57.0 85.4



#14
Allyl chloride
Concen: 20.662 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

Tgt Ion: 41 Resp: 40296
Ion Ratio Lower Upper
41 100
39 63.9 58.0 87.0
76 37.7 27.4 41.2





#15

Acrylonitrile

Concen: 99.354 ug/l

RT: 5.180 min Scan# 51

Delta R.T. 0.012 min

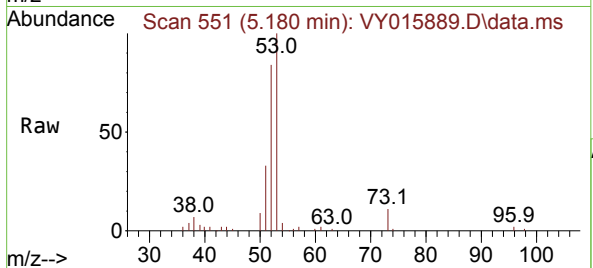
Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :



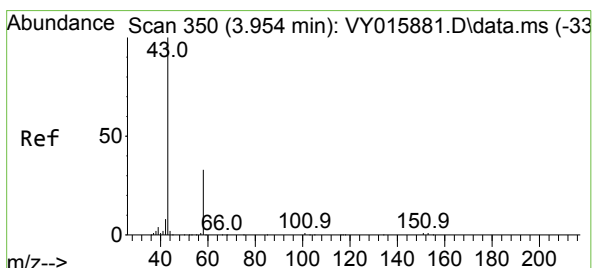
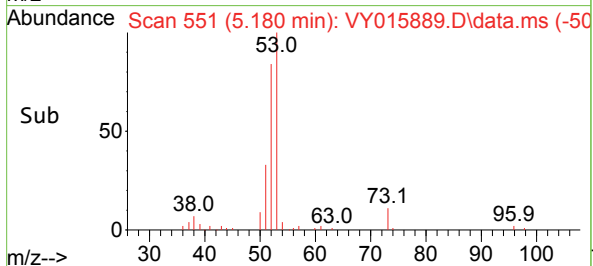
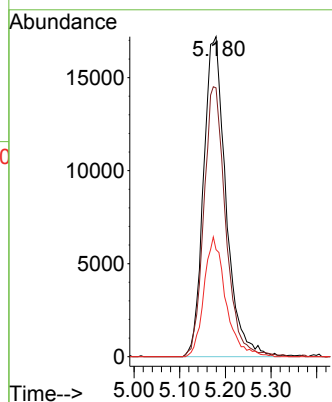
Tgt Ion: 53 Resp: 58568

Ion Ratio Lower Upper

53 100

52 82.4 66.9 100.3

51 36.4 29.8 44.6



#16

Acetone

Concen: 95.111 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY015889.D

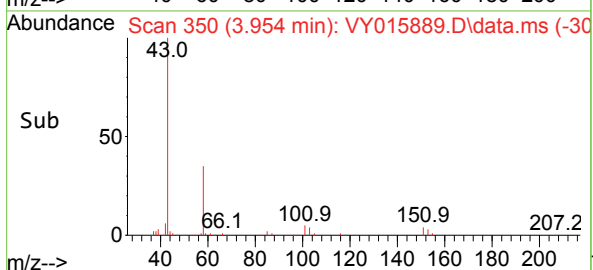
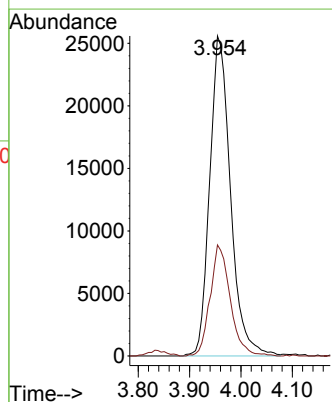
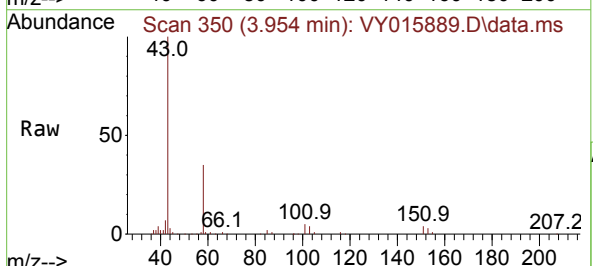
Acq: 10 Oct 2023 11:46

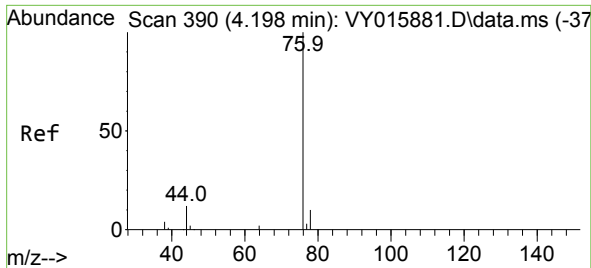
Tgt Ion: 43 Resp: 71928

Ion Ratio Lower Upper

43 100

58 34.7 22.7 34.1#

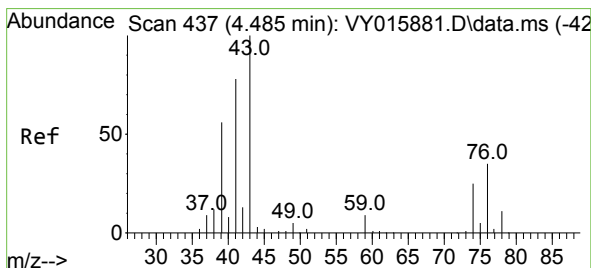
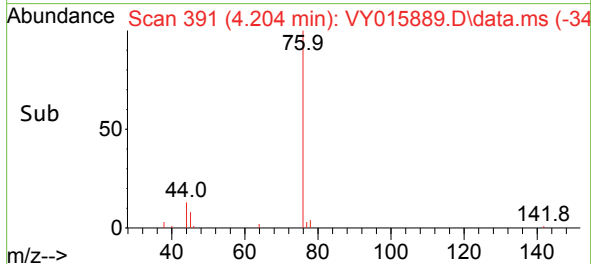
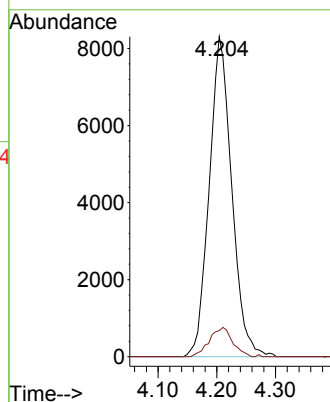
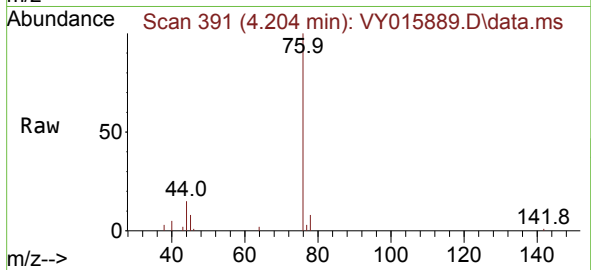




#17
Carbon Disulfide
Concen: 15.966 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

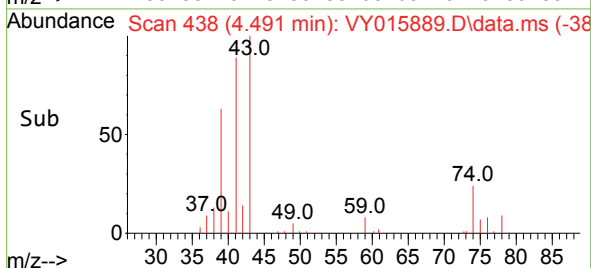
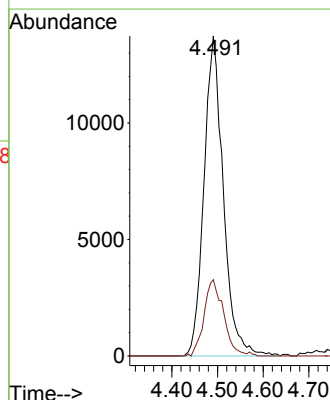
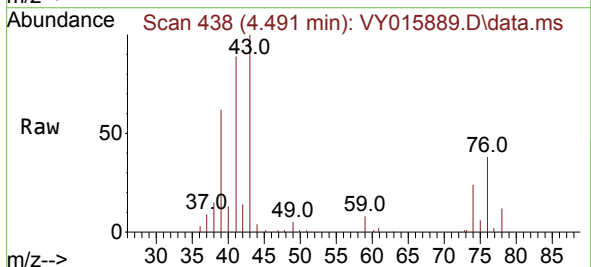
Instrument :
MSVOA_Y
ClientSampleId :

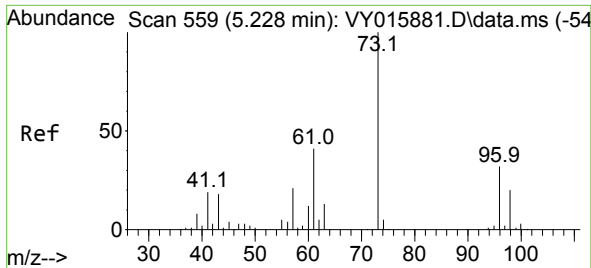
Tgt Ion: 76 Resp: 22140
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.4



#18
Methyl Acetate
Concen: 18.054 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

Tgt Ion: 43 Resp: 40305
Ion Ratio Lower Upper
43 100
74 23.9 17.4 26.0

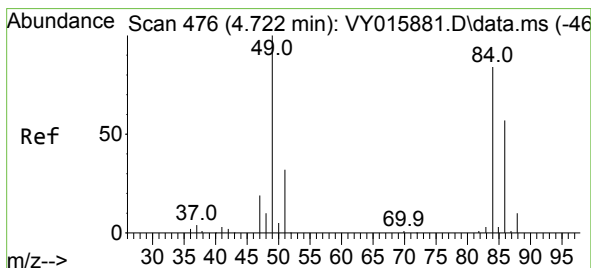
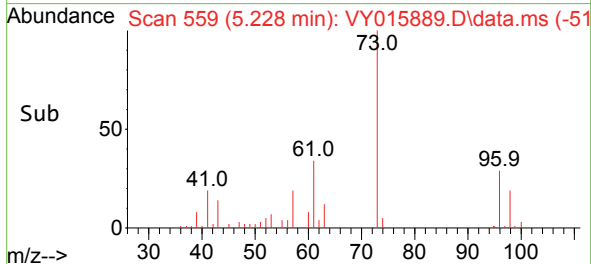
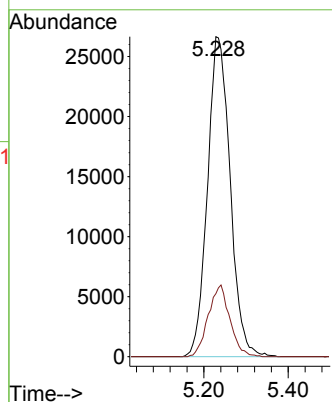
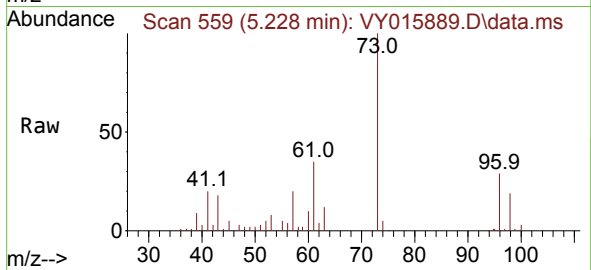




#19
Methyl tert-butyl Ether
Concen: 20.769 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

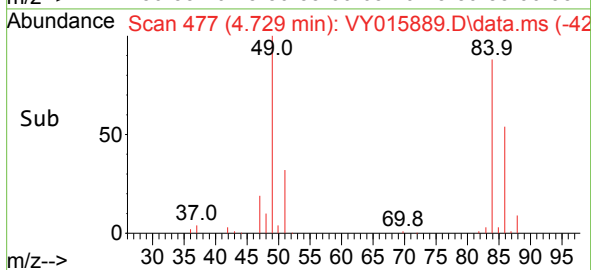
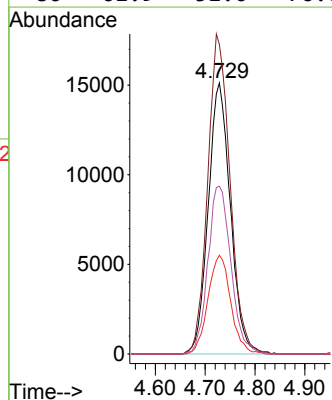
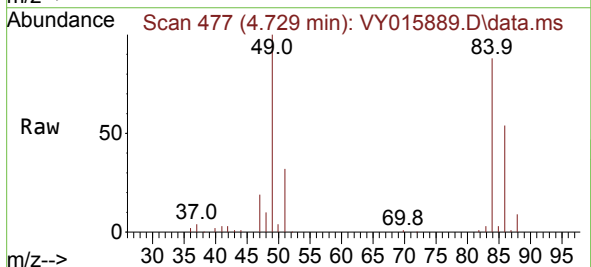
Instrument :
MSVOA_Y
ClientSampleId :

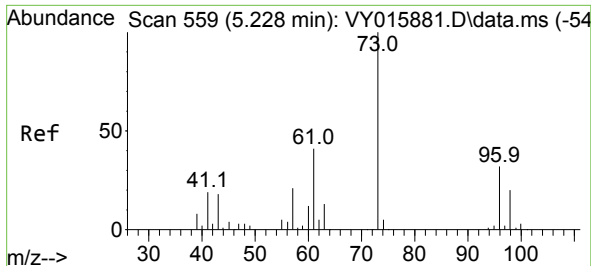
Tgt Ion: 73 Resp: 99552
Ion Ratio Lower Upper
73 100
57 19.7 17.3 25.9



#20
Methylene Chloride
Concen: 22.024 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

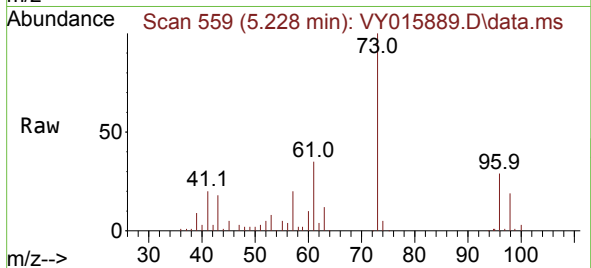
Tgt Ion: 84 Resp: 46739
Ion Ratio Lower Upper
84 100
49 114.1 106.9 160.3
51 36.4 33.2 49.8
86 61.9 51.0 76.6



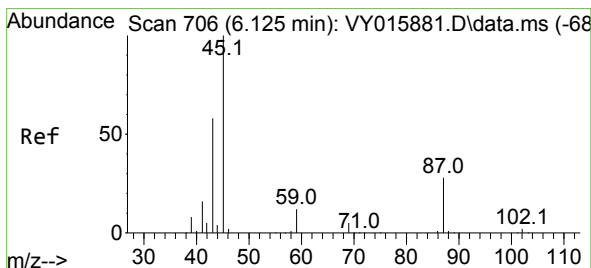
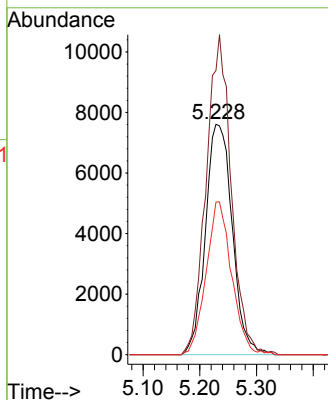
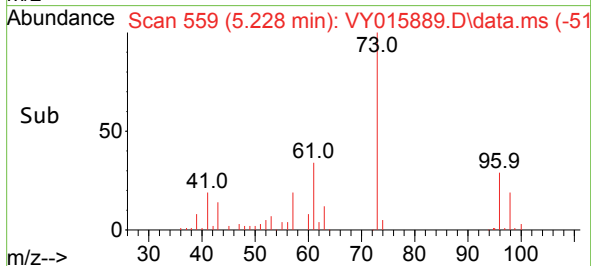


#21
trans-1,2-Dichloroethene
Concen: 20.411 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

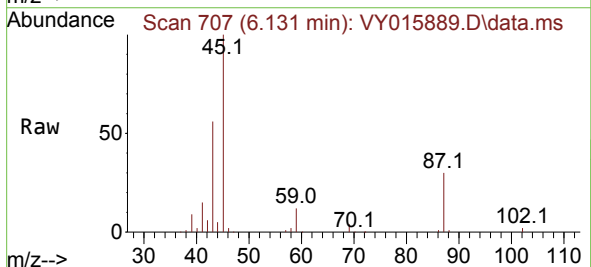
Instrument :
MSVOA_Y
ClientSampleId :



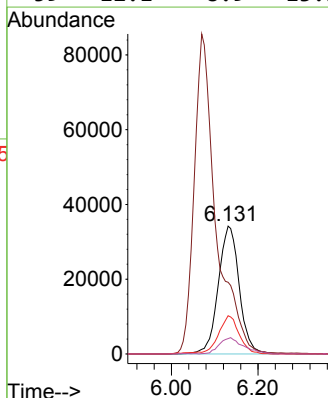
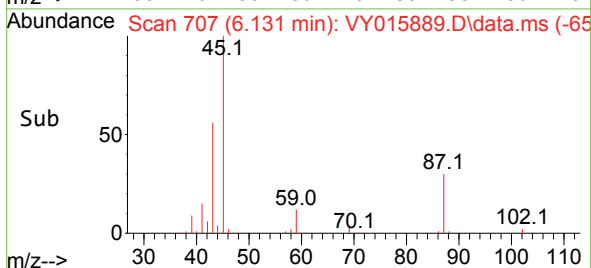
Tgt Ion: 96 Resp: 25053
Ion Ratio Lower Upper
96 100
61 123.3 110.2 165.4
98 66.3 51.8 77.6

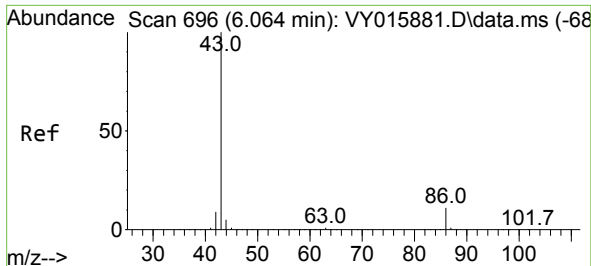


#22
Diisopropyl ether
Concen: 22.075 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46



Tgt Ion: 45 Resp: 115155
Ion Ratio Lower Upper
45 100
43 55.2 52.2 78.4
87 29.9 21.0 31.6
59 12.1 8.9 13.3

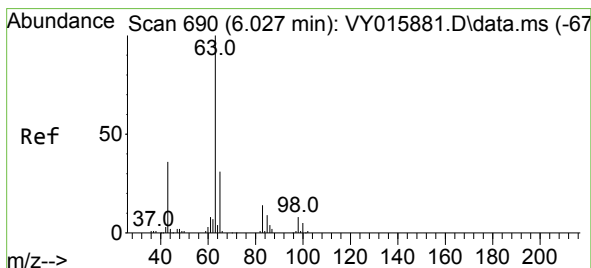
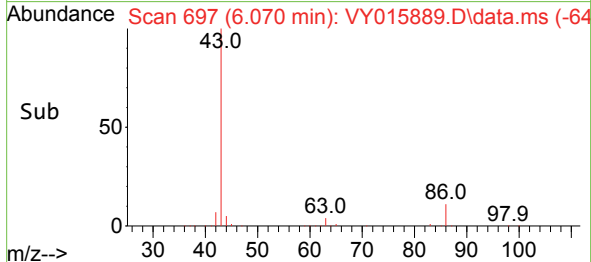
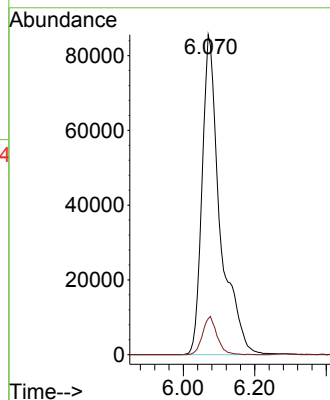
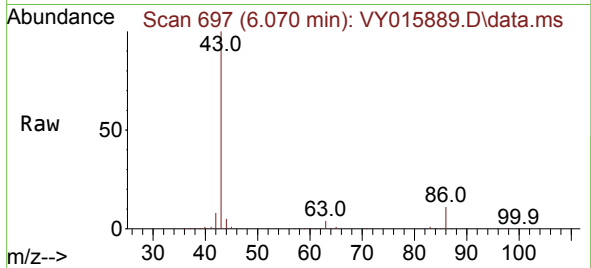




#23
 Vinyl Acetate
 Concen: 104.224 ug/l
 RT: 6.070 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY015889.D
 Acq: 10 Oct 2023 11:46

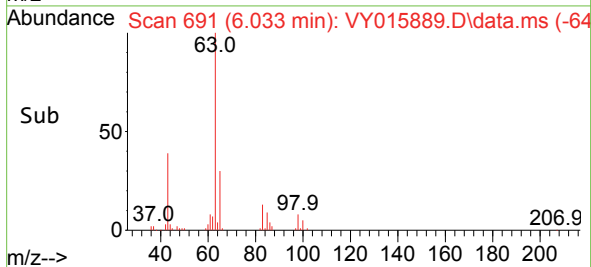
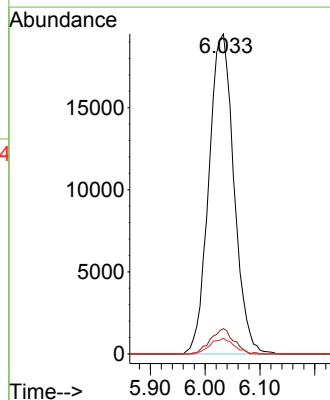
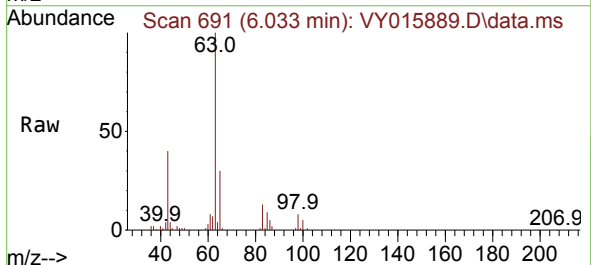
Instrument :
 MSVOA_Y
 ClientSampleId :

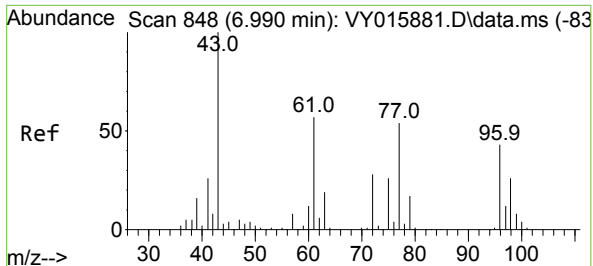
Tgt Ion: 43 Resp: 298959
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 21.571 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY015889.D
 Acq: 10 Oct 2023 11:46

Tgt Ion: 63 Resp: 61983
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 4.9 1.8 5.5

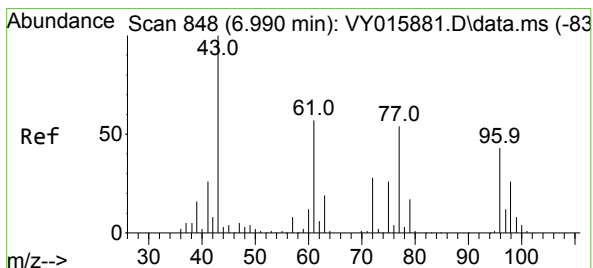
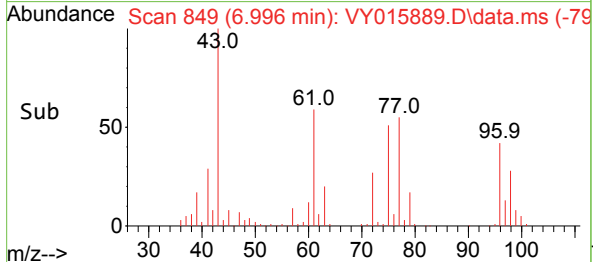
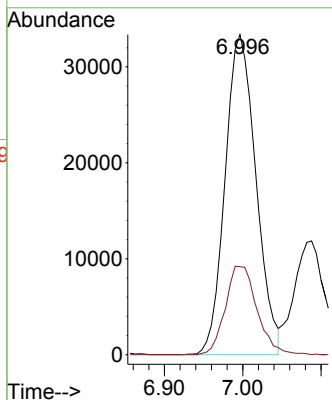
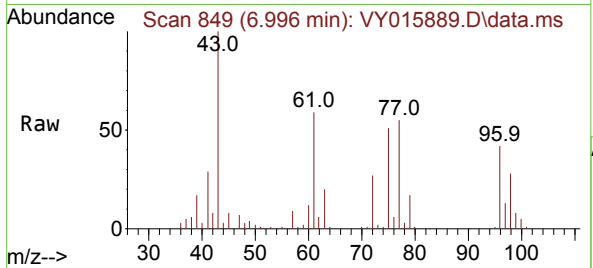




#25
2-Butanone
Concen: 101.273 ug/l
RT: 6.996 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

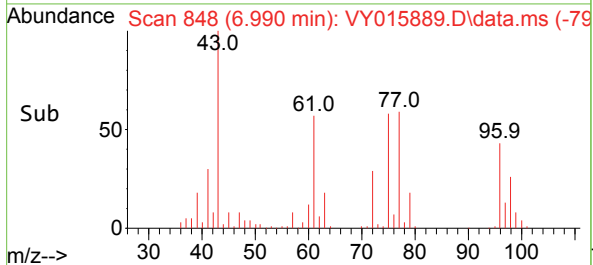
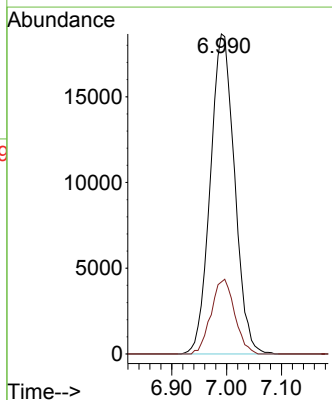
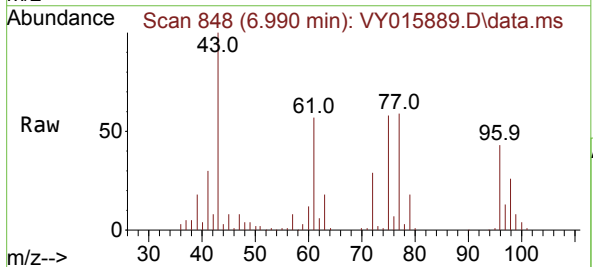
Instrument :
MSVOA_Y
ClientSampleId :

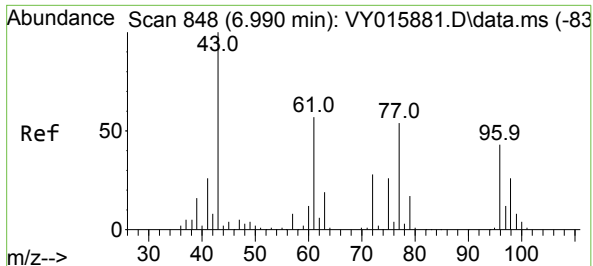
Tgt Ion: 43 Resp: 91483
Ion Ratio Lower Upper
43 100
72 27.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 21.458 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

Tgt Ion: 77 Resp: 57342
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 21.088 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

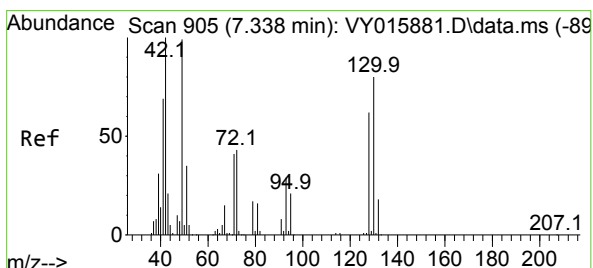
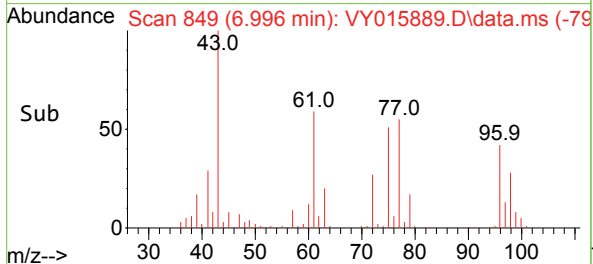
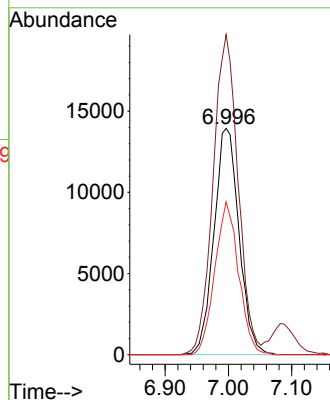
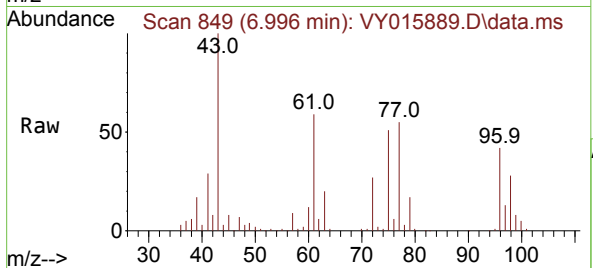
Tgt Ion: 96 Resp: 38202

Ion Ratio Lower Upper

96 100

61 141.4 0.0 301.4

98 64.2 0.0 130.4



#28

Bromochloromethane

Concen: 20.688 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

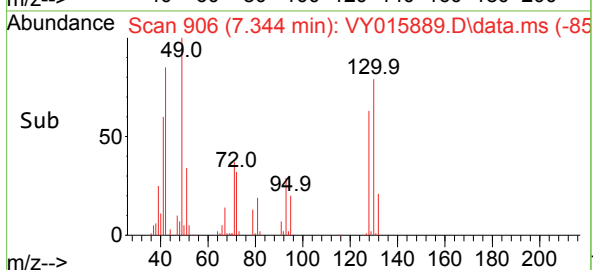
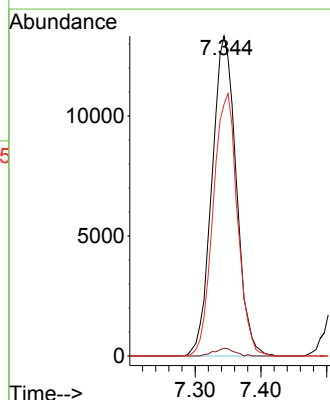
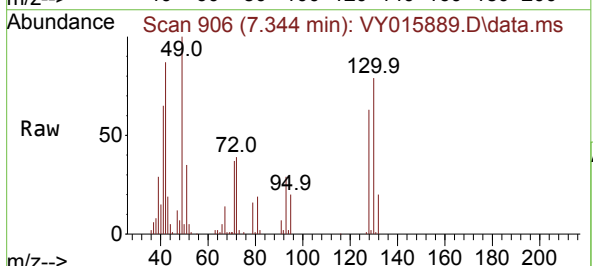
Tgt Ion: 49 Resp: 34262

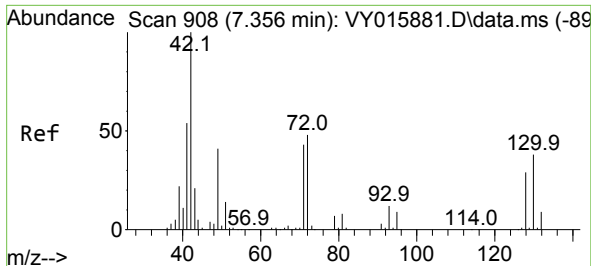
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 81.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 93.984 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

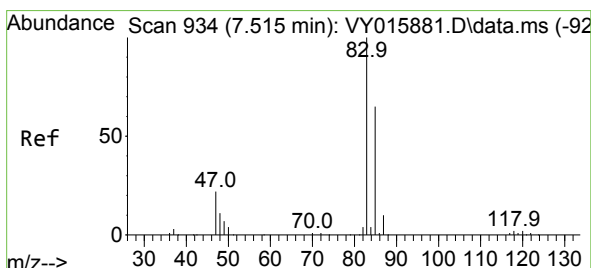
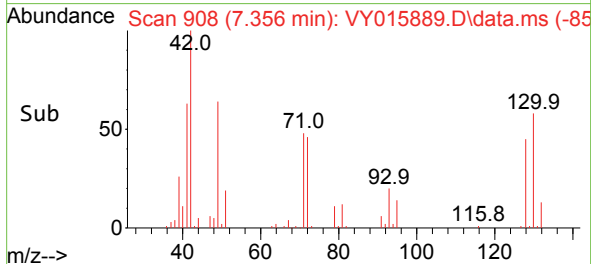
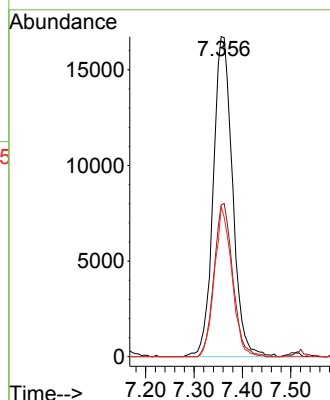
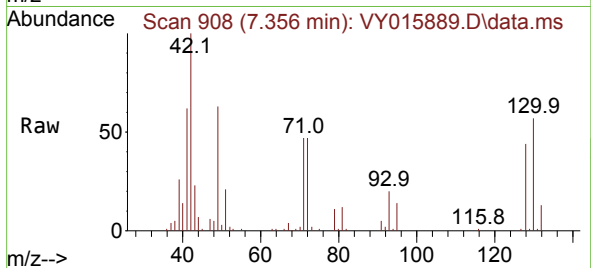
Tgt Ion: 42 Resp: 46444

Ion Ratio Lower Upper

42 100

72 46.4 32.8 49.2

71 42.4 31.0 46.4



#30

Chloroform

Concen: 21.739 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY015889.D

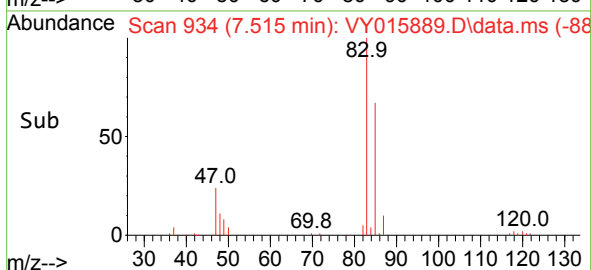
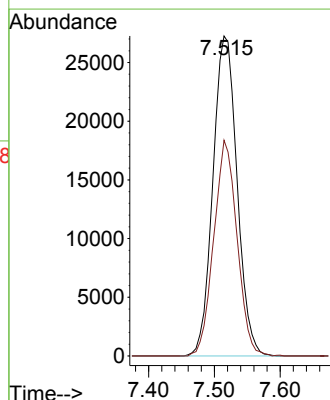
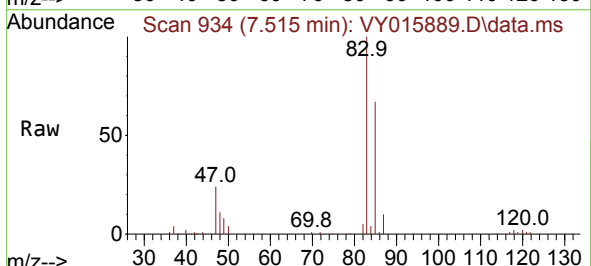
Acq: 10 Oct 2023 11:46

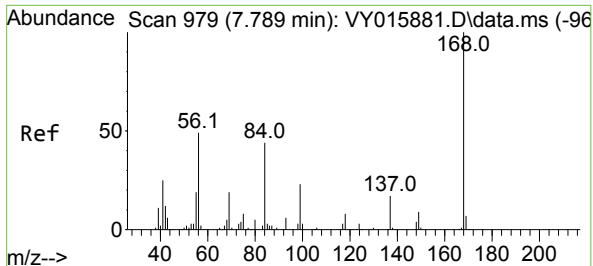
Tgt Ion: 83 Resp: 69676

Ion Ratio Lower Upper

83 100

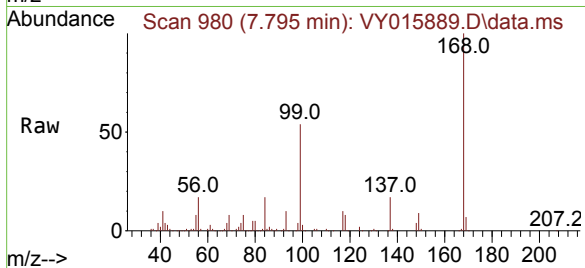
85 67.4 49.7 74.5



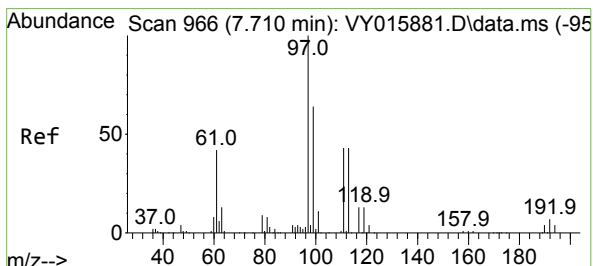
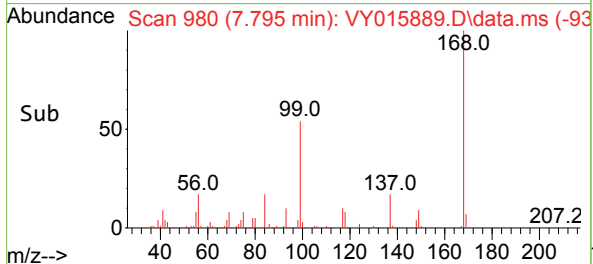
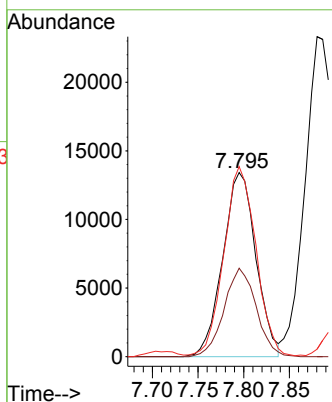


#31
Cyclohexane
Concen: 19.219 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

Instrument :
MSVOA_Y
ClientSampleId :

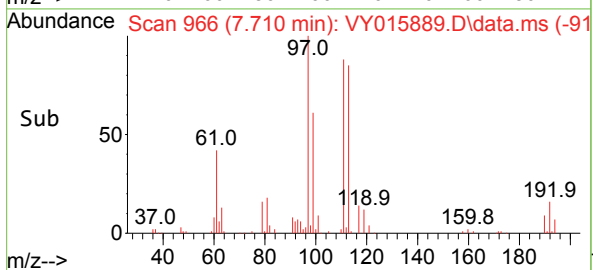
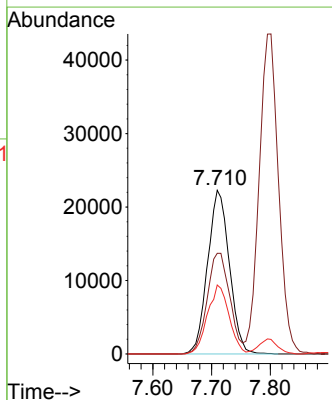
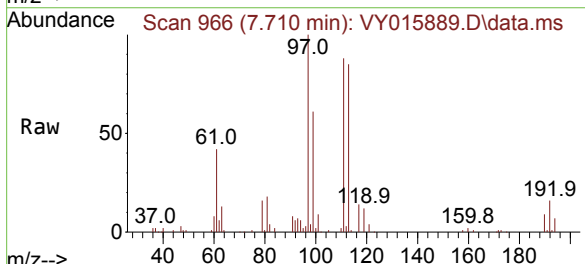


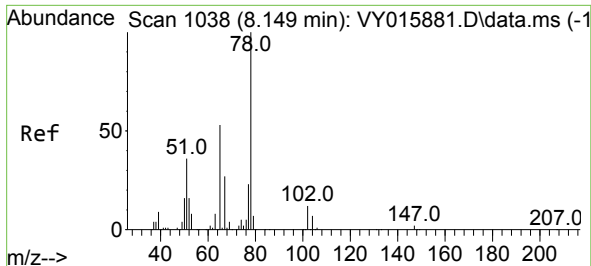
Tgt Ion: 56 Resp: 33896
Ion Ratio Lower Upper
56 100
69 48.1 27.8 41.6#
84 101.7 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 21.878 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

Tgt Ion: 97 Resp: 57266
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 41.6 35.1 52.7

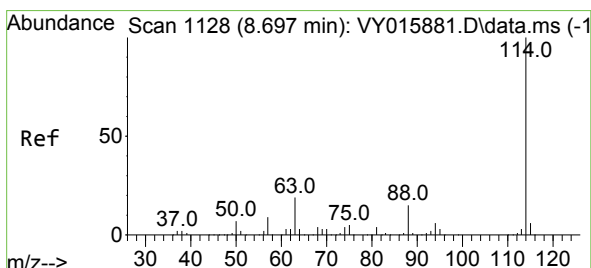
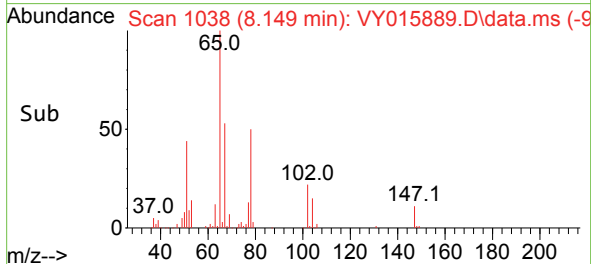
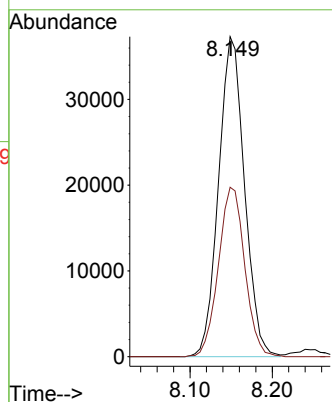
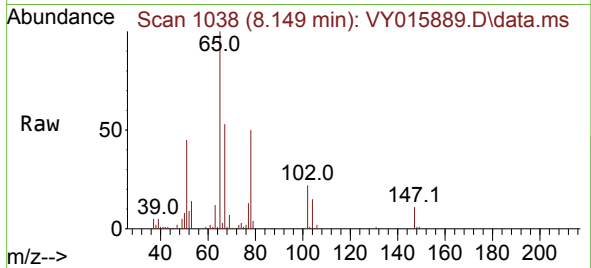




#33
 1,2-Dichloroethane-d4
 Concen: 49.593 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY015889.D
 Acq: 10 Oct 2023 11:46

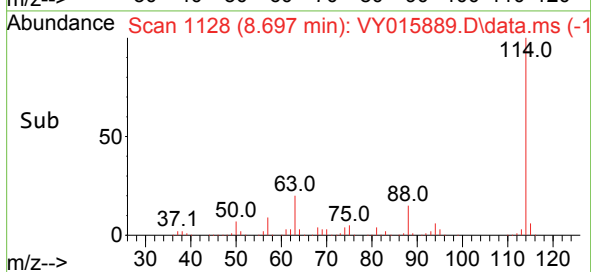
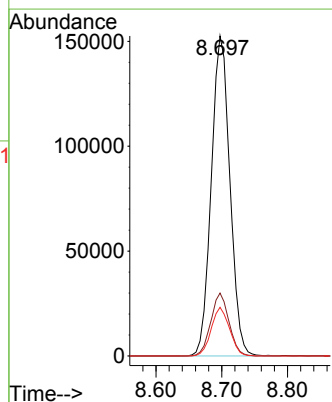
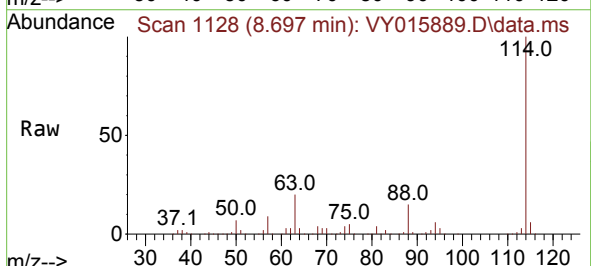
Instrument :
 MSVOA_Y
 ClientSampleId :

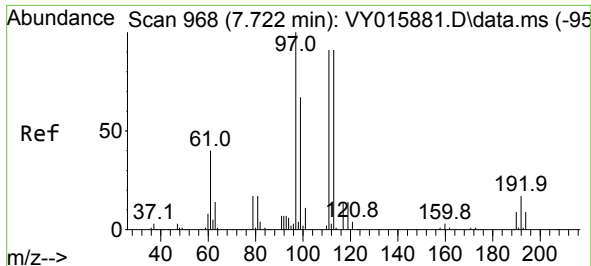
Tgt Ion: 65 Resp: 81667
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY015889.D
 Acq: 10 Oct 2023 11:46

Tgt Ion: 114 Resp: 300880
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 15.2 0.0 30.6

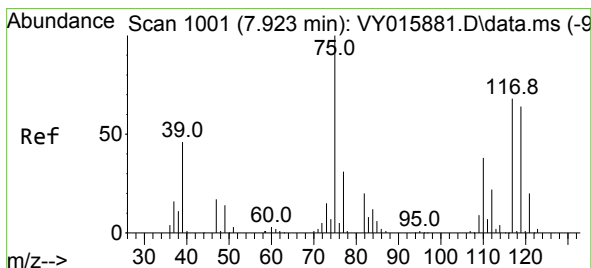
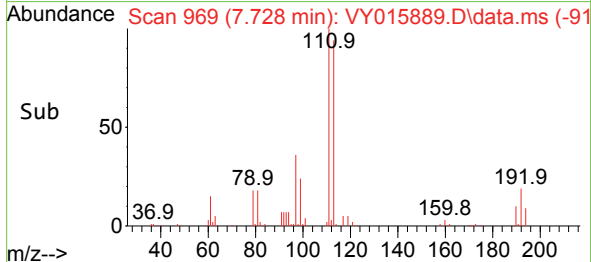
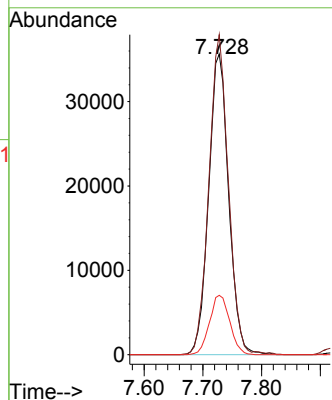
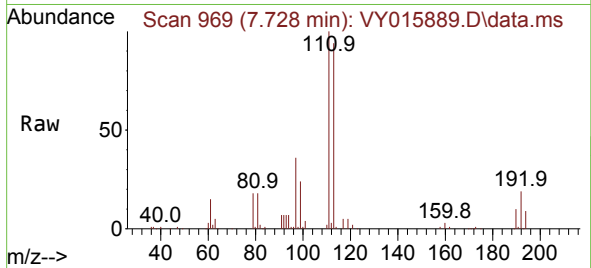




#35
Dibromofluoromethane
Concen: 50.287 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

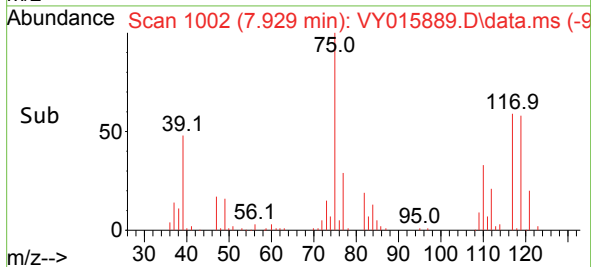
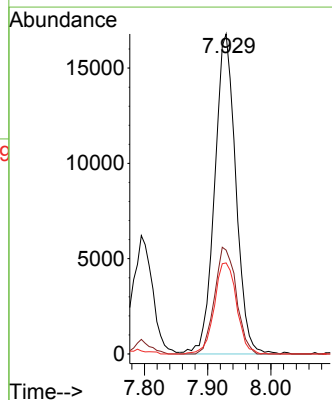
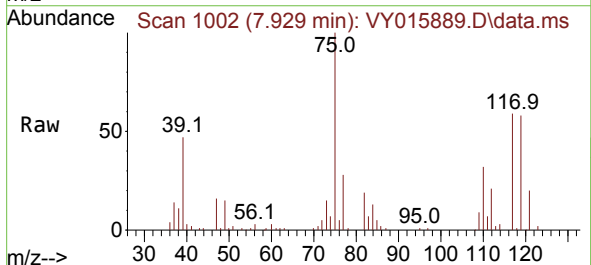
Instrument :
MSVOA_Y
ClientSampleId :

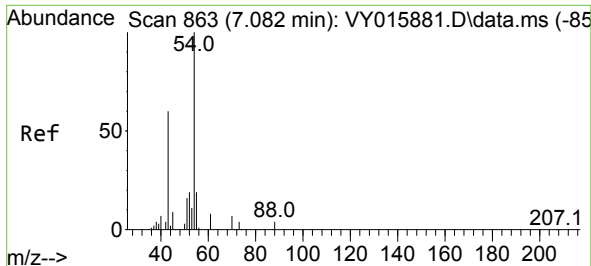
Tgt Ion:113 Resp: 84394
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.918 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

Tgt Ion: 75 Resp: 38879
Ion Ratio Lower Upper
75 100
110 34.3 17.8 53.5
77 30.0 24.4 36.6

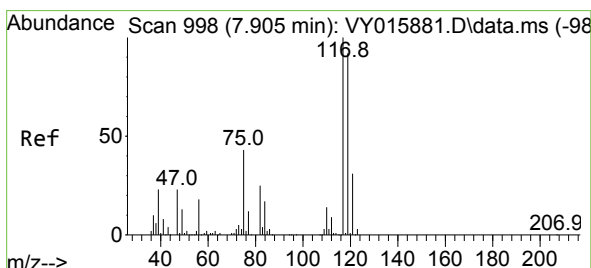
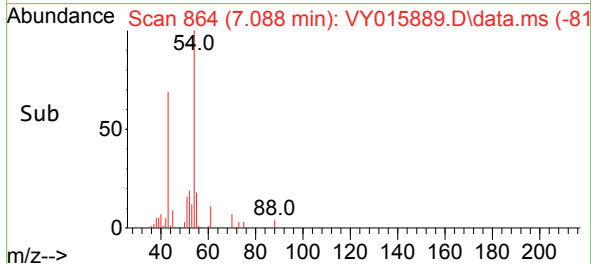
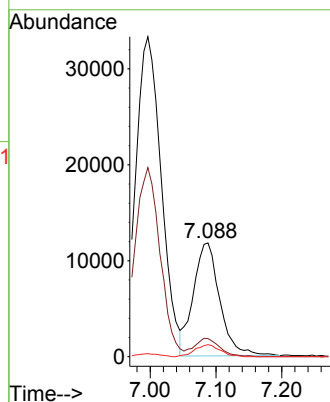
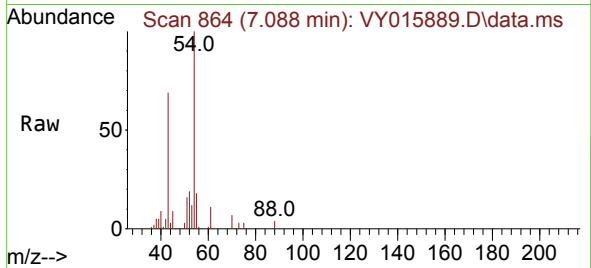




#37
Ethyl Acetate
Concen: 20.623 ug/l
RT: 7.088 min Scan# 863
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

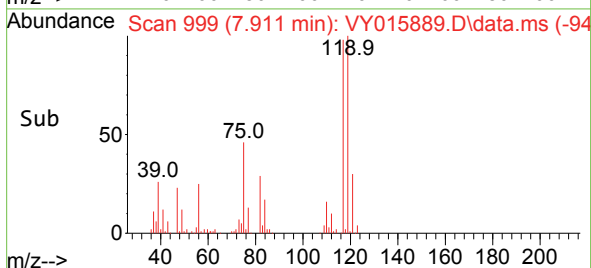
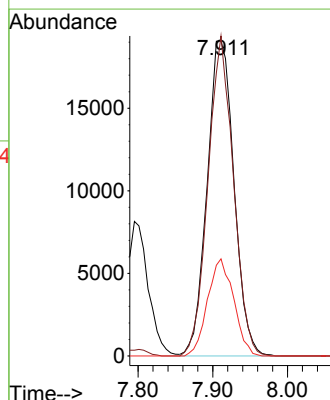
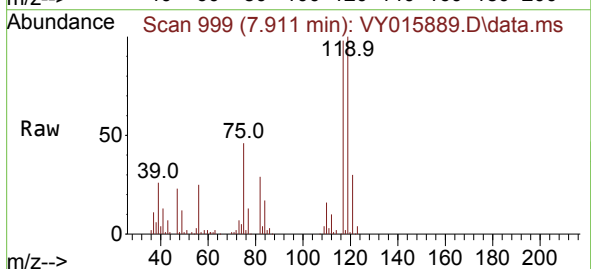
Instrument :
MSVOA_Y
ClientSampleId :

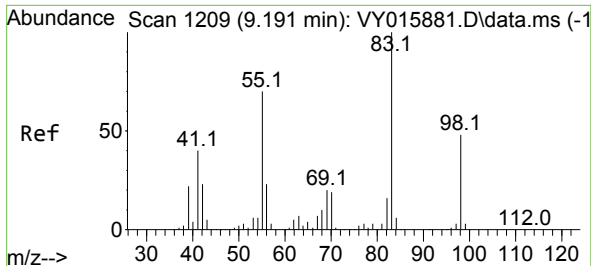
Tgt Ion: 43 Resp: 32920
Ion Ratio Lower Upper
43 100
61 15.6 10.1 15.1#
70 10.1 7.1 10.7



#38
Carbon Tetrachloride
Concen: 21.451 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

Tgt Ion: 117 Resp: 47883
Ion Ratio Lower Upper
117 100
119 101.6 76.4 114.6
121 30.8 25.8 38.6





#39

Methylcyclohexane

Concen: 19.957 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

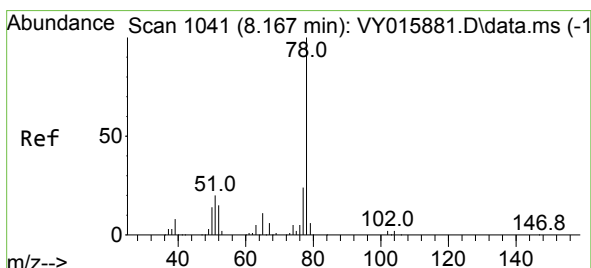
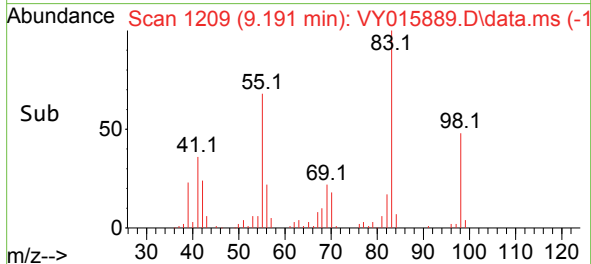
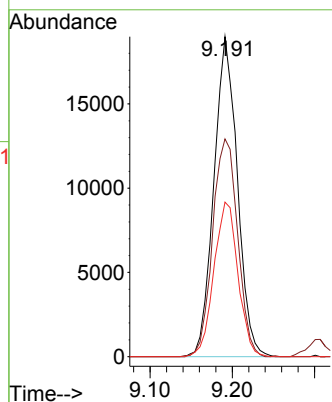
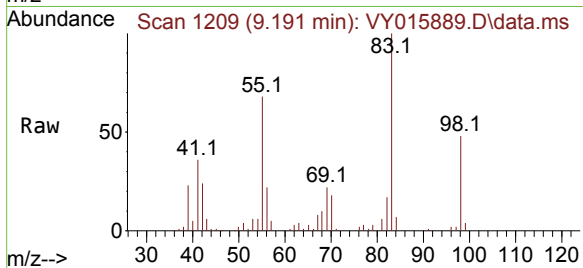
Tgt Ion: 83 Resp: 37678

Ion Ratio Lower Upper

83 100

55 68.1 63.0 94.4

98 48.3 37.4 56.2



#40

Benzene

Concen: 20.993 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY015889.D

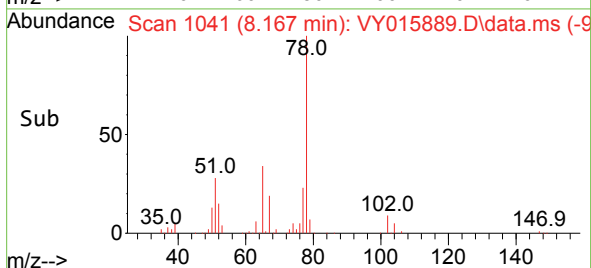
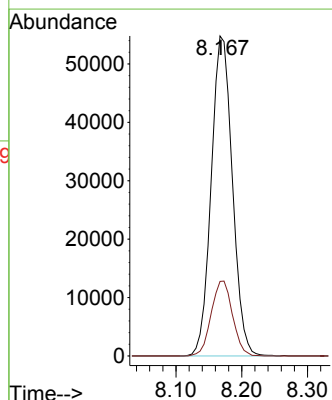
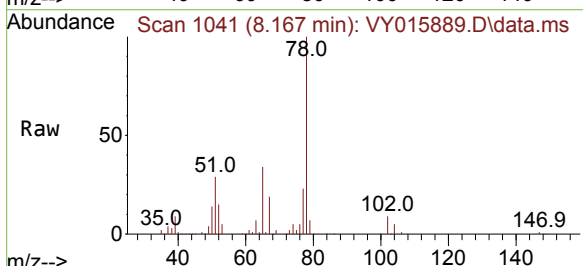
Acq: 10 Oct 2023 11:46

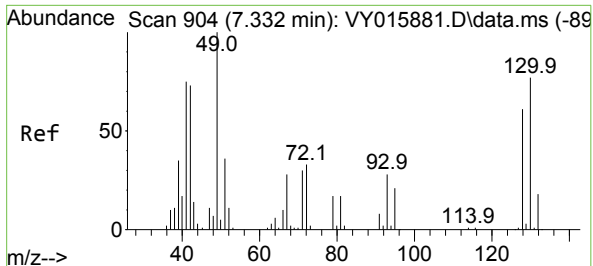
Tgt Ion: 78 Resp: 122623

Ion Ratio Lower Upper

78 100

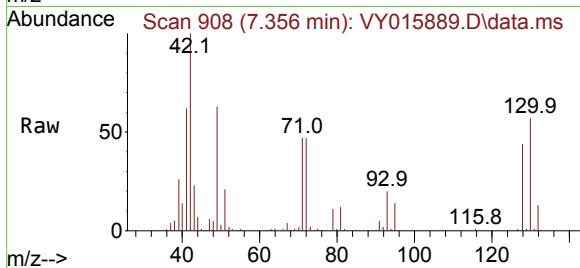
77 23.3 19.0 28.6



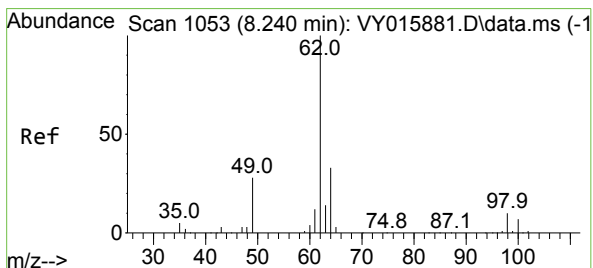
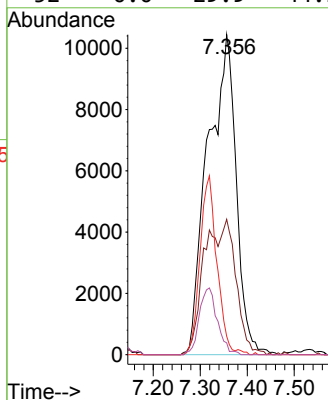
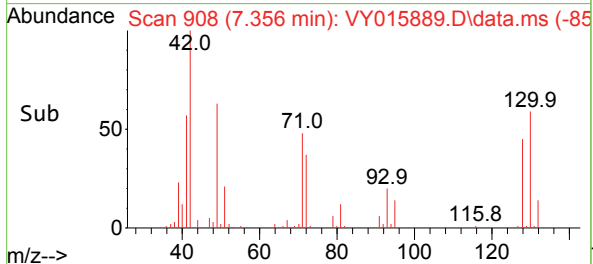


#41
Methacrylonitrile
Concen: 44.065 ug/l
RT: 7.356 min Scan# 904
Delta R.T. 0.024 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

Instrument :
MSVOA_Y
ClientSampleId :

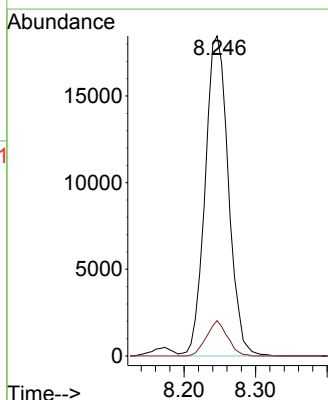
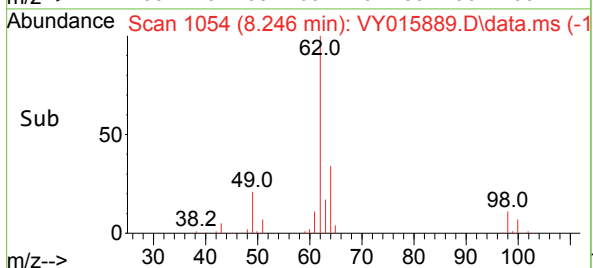
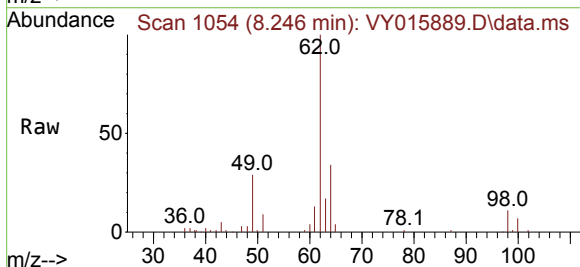


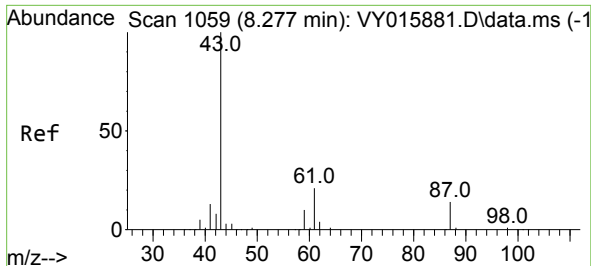
Tgt Ion: 41 Resp: 43752
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.949 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

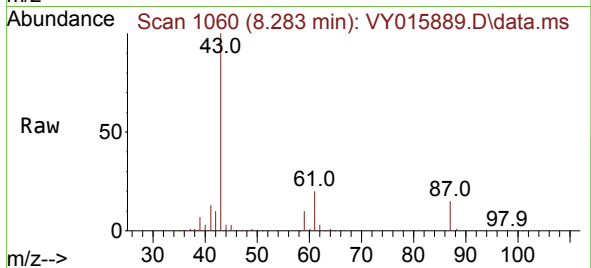
Tgt Ion: 62 Resp: 41713
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8



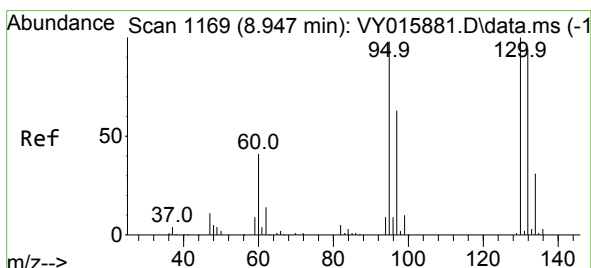
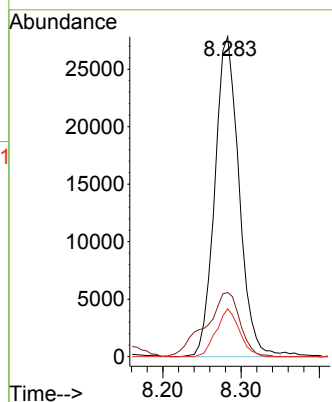
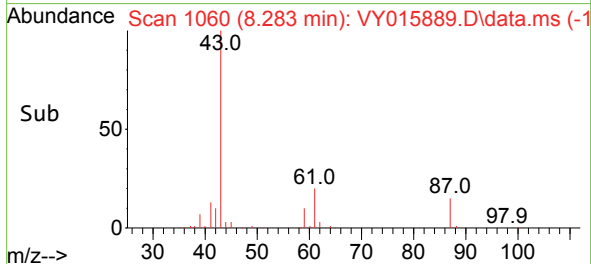


#43
Isopropyl Acetate
Concen: 20.239 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

Instrument :
MSVOA_Y
ClientSampleId :

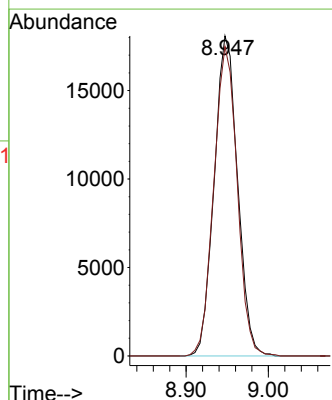
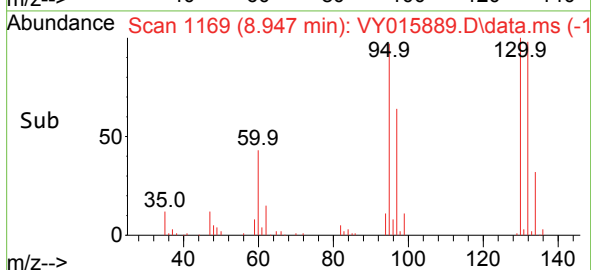
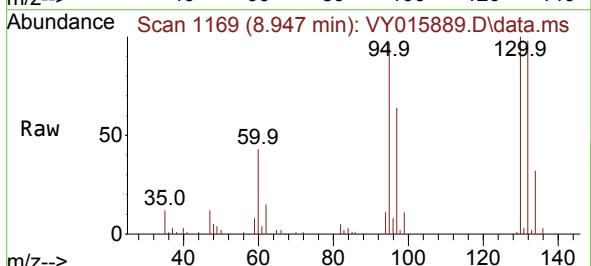


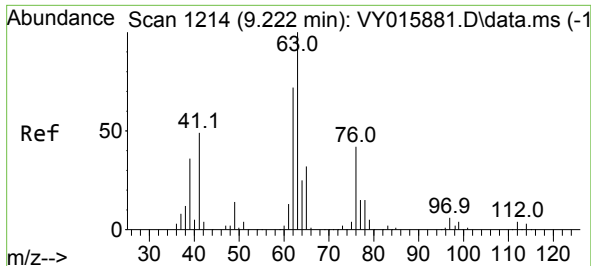
Tgt Ion: 43 Resp: 59804
Ion Ratio Lower Upper
43 100
61 28.5 21.1 31.7
87 14.3 9.8 14.8



#44
Trichloroethene
Concen: 21.161 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

Tgt Ion:130 Resp: 35767
Ion Ratio Lower Upper
130 100
95 96.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.671 ug/l

RT: 9.222 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_Y

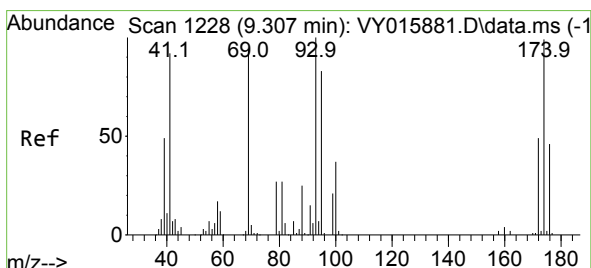
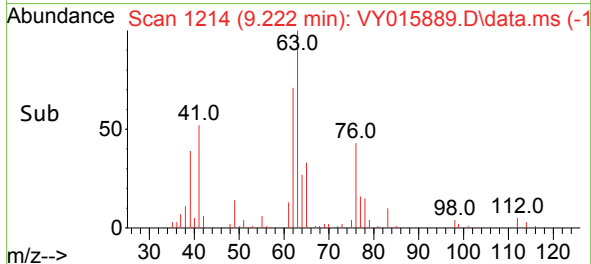
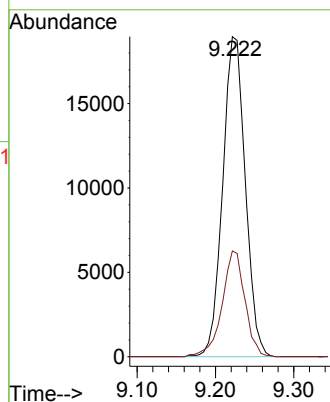
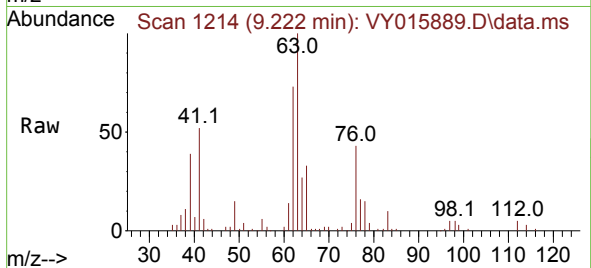
ClientSampleId :

Tgt Ion: 63 Resp: 38074

Ion Ratio Lower Upper

63 100

65 33.0 23.8 35.6



#46

Dibromomethane

Concen: 20.595 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

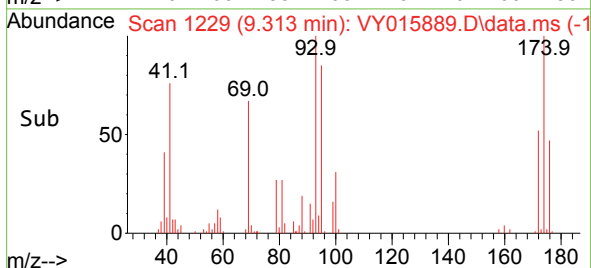
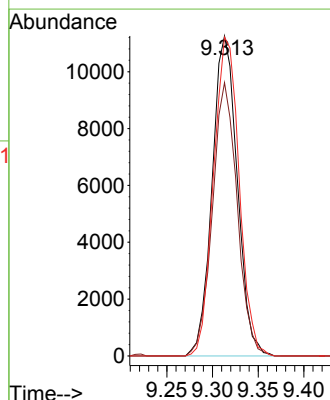
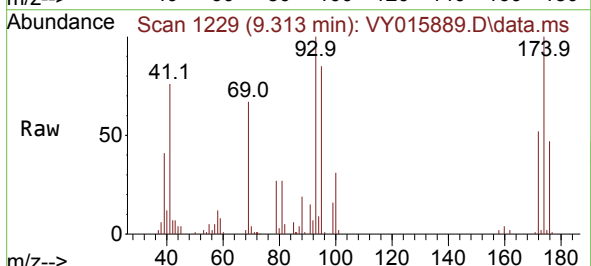
Tgt Ion: 93 Resp: 21533

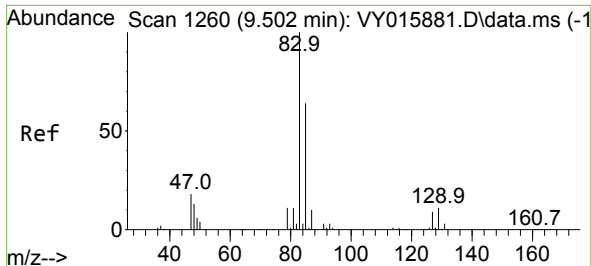
Ion Ratio Lower Upper

93 100

95 84.3 66.6 100.0

174 101.6 84.8 127.2

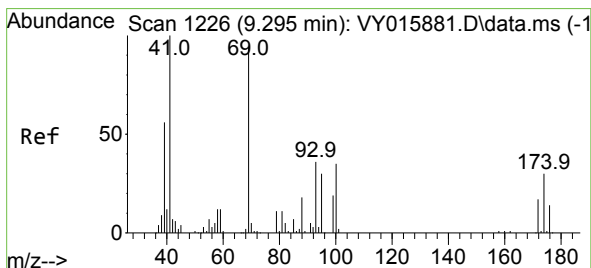
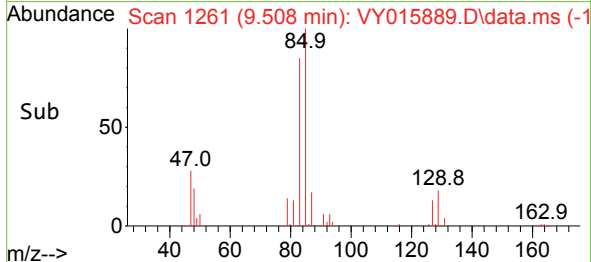
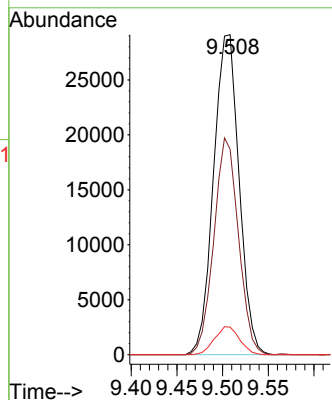
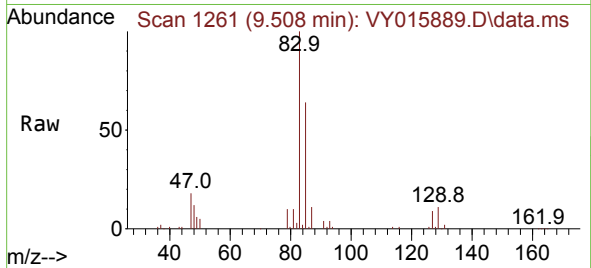




#47
Bromodichloromethane
Concen: 21.758 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

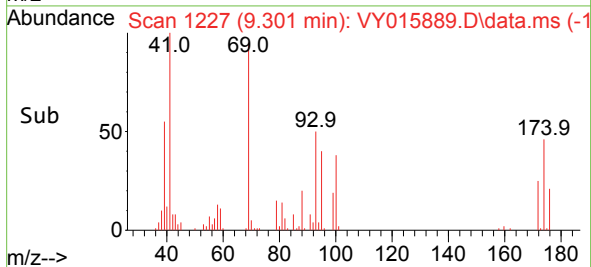
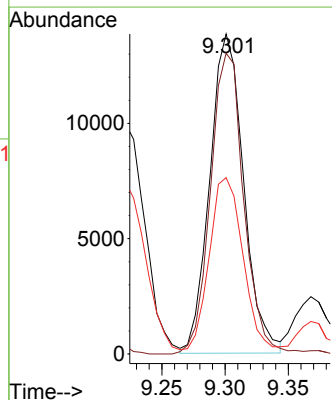
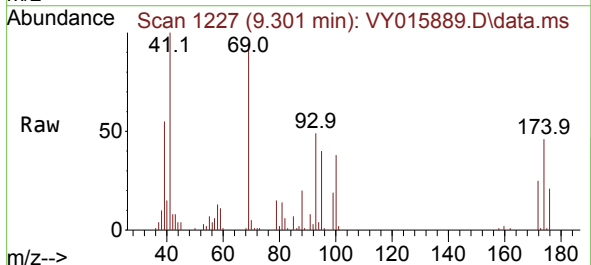
Instrument :
MSVOA_Y
ClientSampleId :

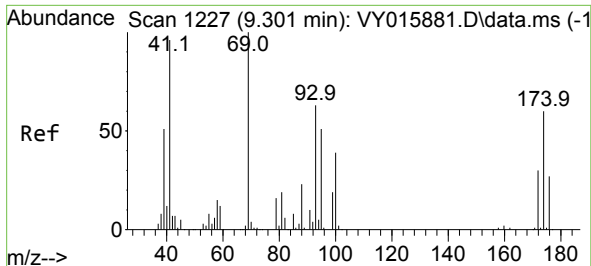
Tgt Ion: 83 Resp: 56577
Ion Ratio Lower Upper
83 100
85 64.2 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 19.734 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

Tgt Ion: 41 Resp: 25752
Ion Ratio Lower Upper
41 100
69 93.2 64.5 96.7
39 56.1 50.8 76.2





#49

1,4-Dioxane

Concen: 375.957 ug/l

RT: 9.307 min Scan# 1227

Delta R.T. 0.006 min

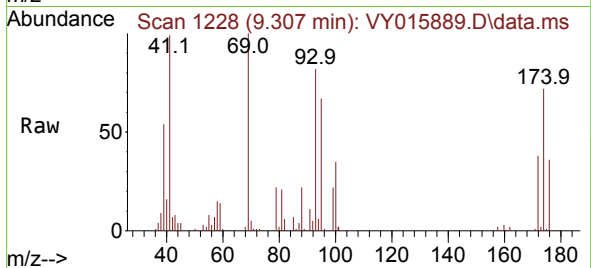
Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :



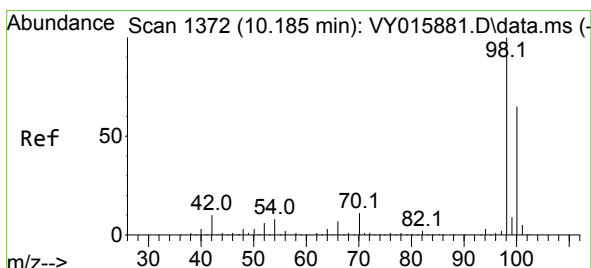
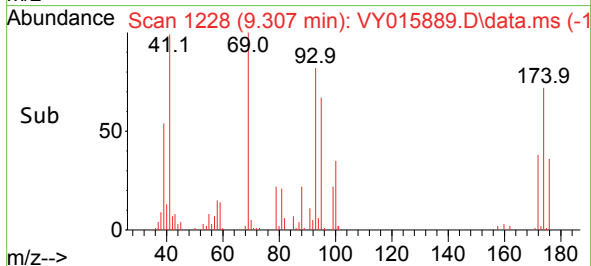
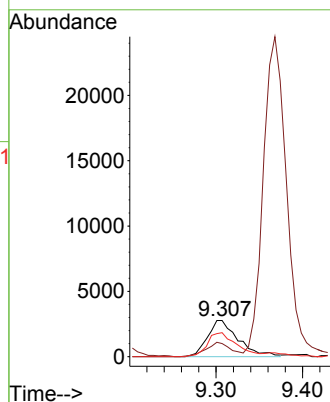
Tgt Ion: 88 Resp: 6833

Ion Ratio Lower Upper

88 100

43 32.6 0.0 0.0#

58 62.5 30.9 46.3#



#50

Toluene-d8

Concen: 51.953 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY015889.D

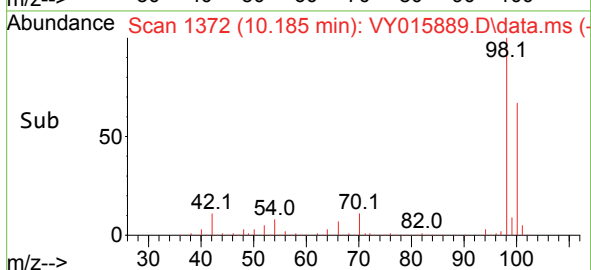
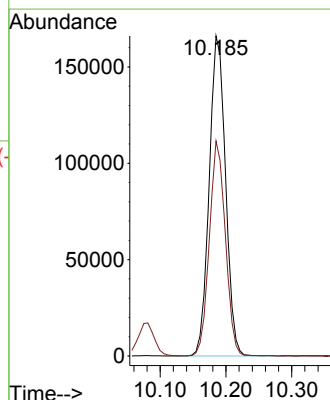
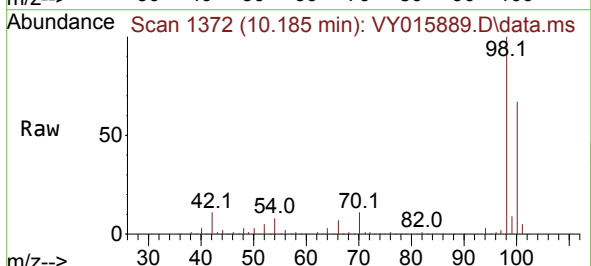
Acq: 10 Oct 2023 11:46

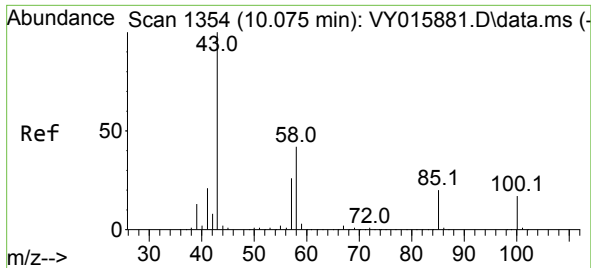
Tgt Ion: 98 Resp: 287351

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

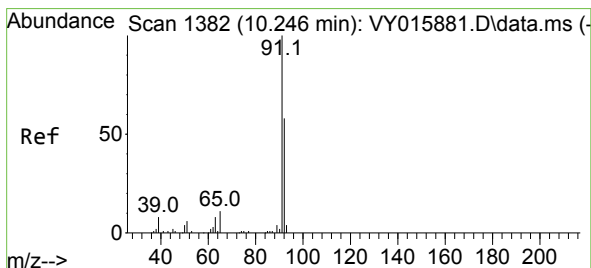
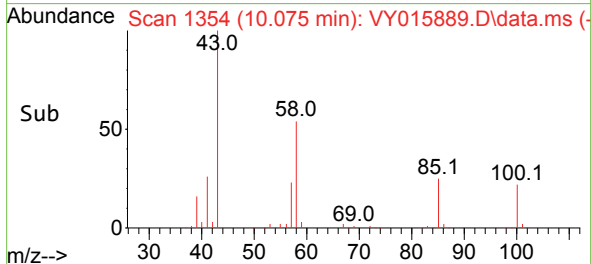
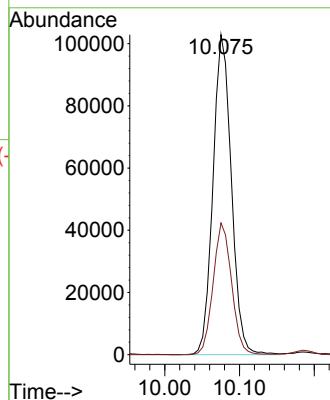
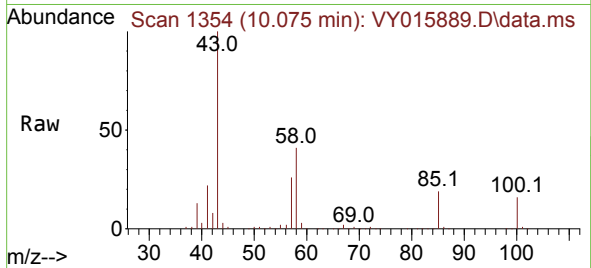




#51
4-Methyl-2-Pentanone
Concen: 99.539 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

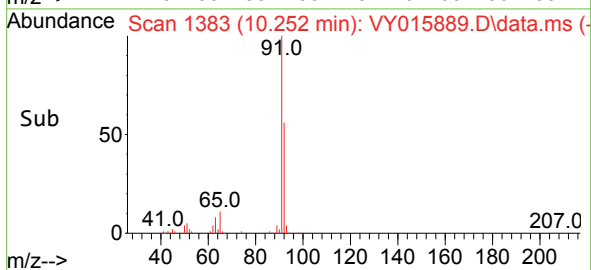
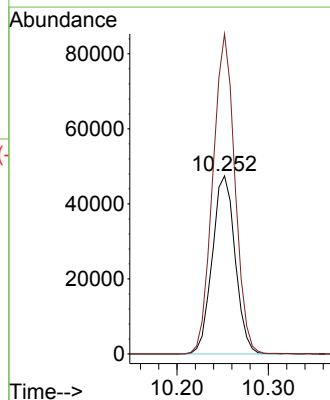
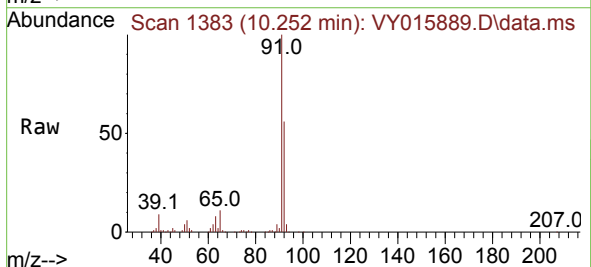
Instrument :
MSVOA_Y
ClientSampleId :

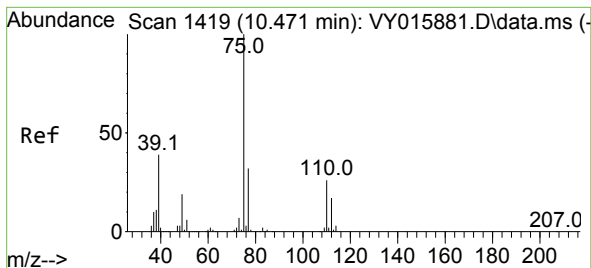
Tgt Ion: 43 Resp: 175971
Ion Ratio Lower Upper
43 100
58 41.3 29.0 43.6



#52
Toluene
Concen: 21.272 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

Tgt Ion: 92 Resp: 82477
Ion Ratio Lower Upper
92 100
91 173.8 143.8 215.6

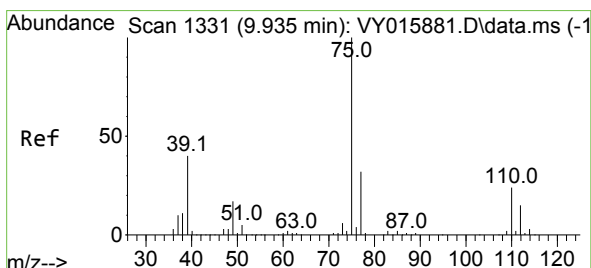
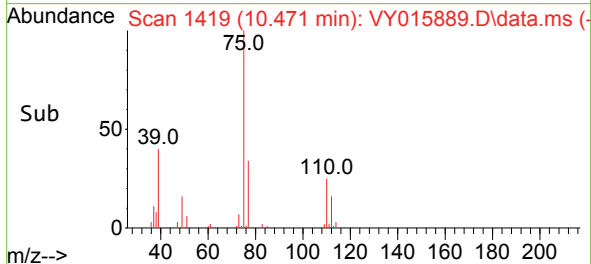
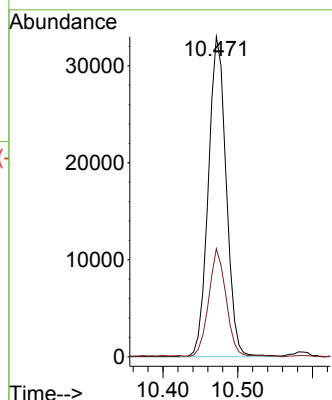
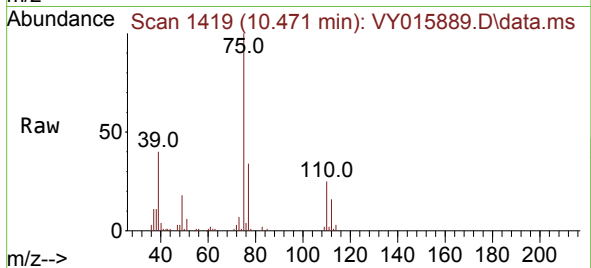




#53
 t-1,3-Dichloropropene
 Concen: 20.846 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY015889.D
 Acq: 10 Oct 2023 11:46

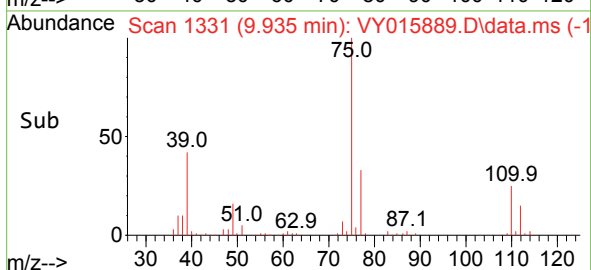
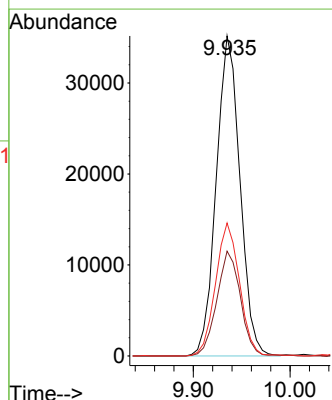
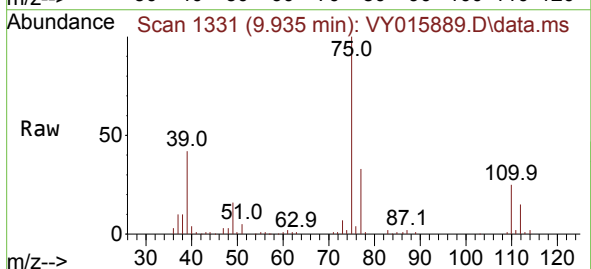
Instrument :
 MSVOA_Y
 ClientSampleId :

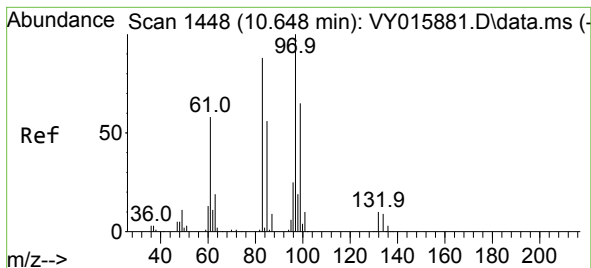
Tgt Ion: 75 Resp: 54799
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.967 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY015889.D
 Acq: 10 Oct 2023 11:46

Tgt Ion: 75 Resp: 59872
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.2 36.4
 39 41.6 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 21.260 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 35393

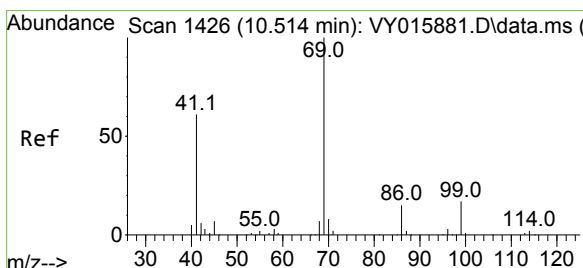
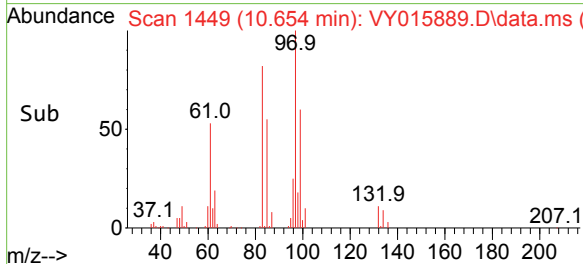
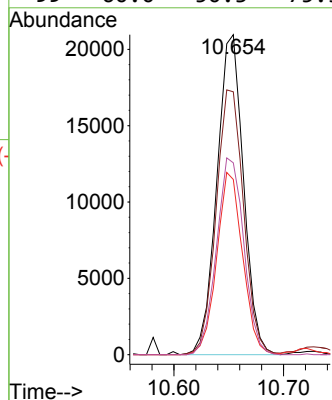
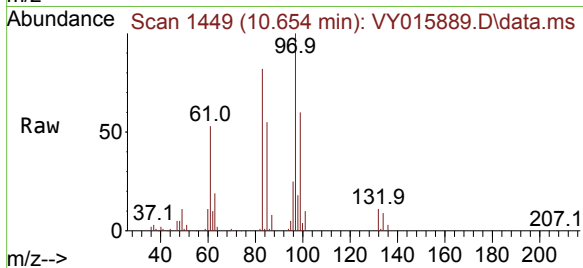
Ion Ratio Lower Upper

97 100

83 82.1 72.0 108.0

85 54.7 45.4 68.0

99 60.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.016 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

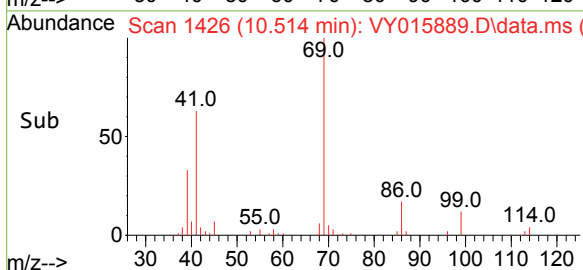
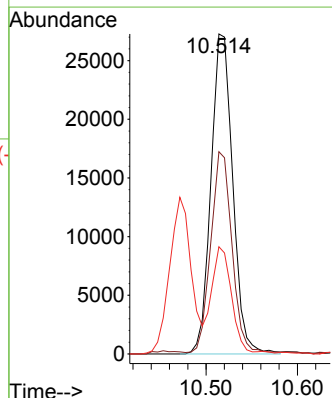
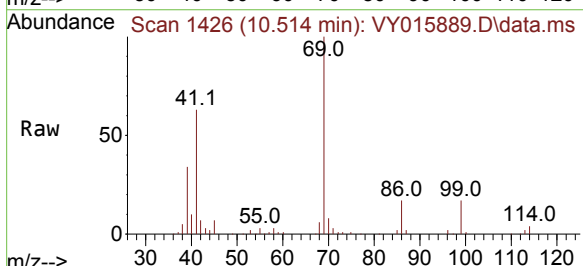
Tgt Ion: 69 Resp: 45239

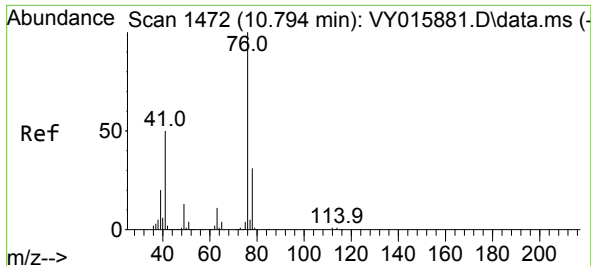
Ion Ratio Lower Upper

69 100

41 62.8 57.6 86.4

39 30.6 34.1 51.1#

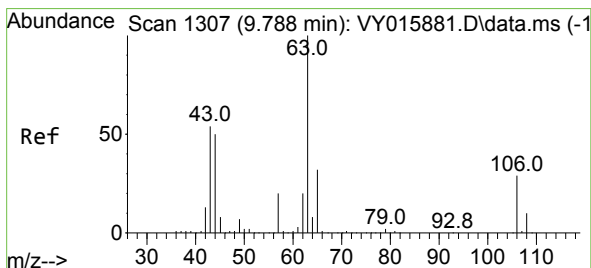
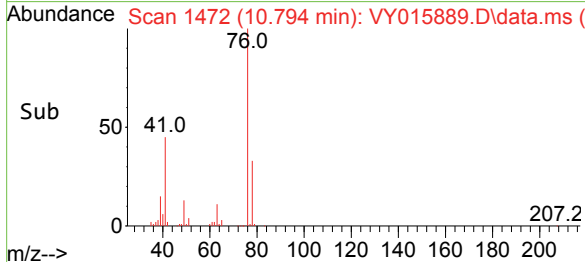
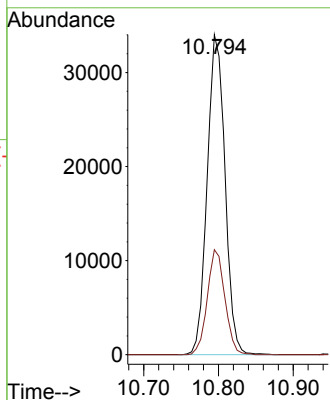
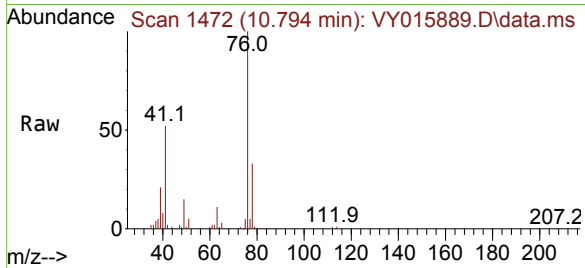




#57
1,3-Dichloropropane
Concen: 21.061 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

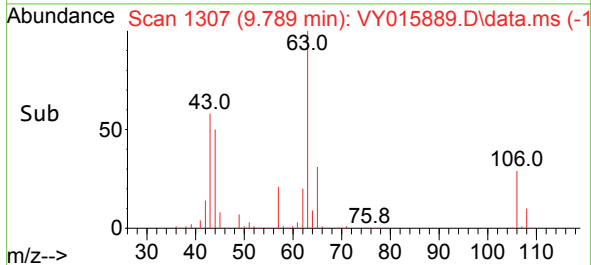
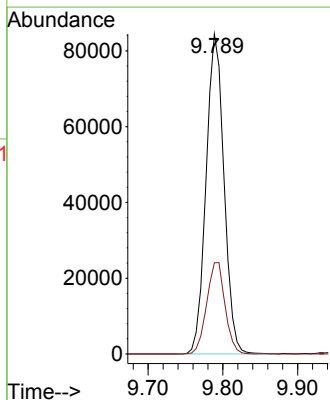
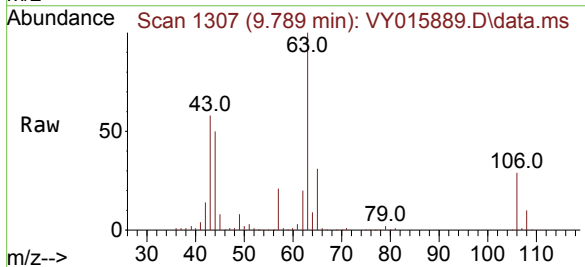
Instrument :
MSVOA_Y
ClientSampleId :

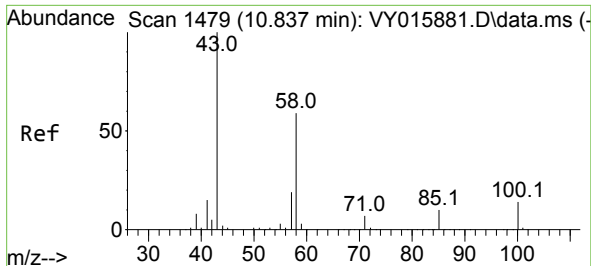
Tgt Ion: 76 Resp: 56529
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 102.277 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

Tgt Ion: 63 Resp: 140897
Ion Ratio Lower Upper
63 100
106 29.3 21.2 31.8

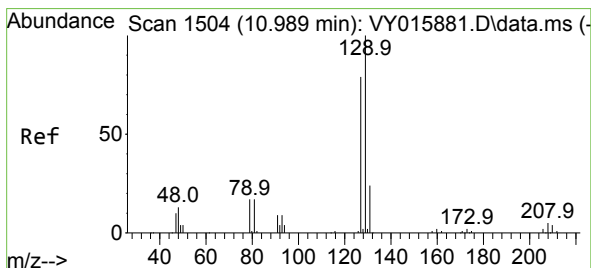
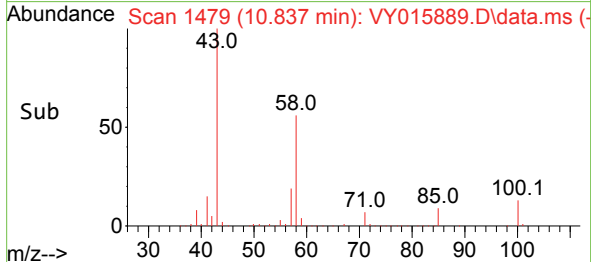
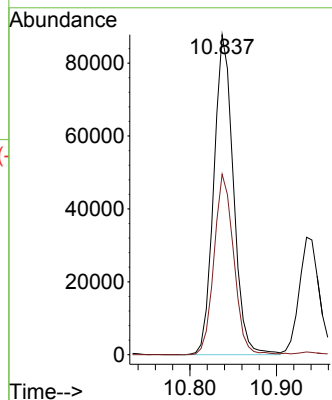
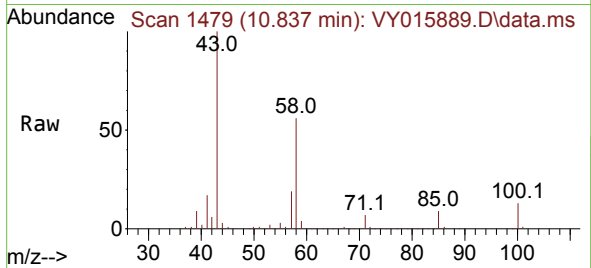




#59
2-Hexanone
Concen: 103.089 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

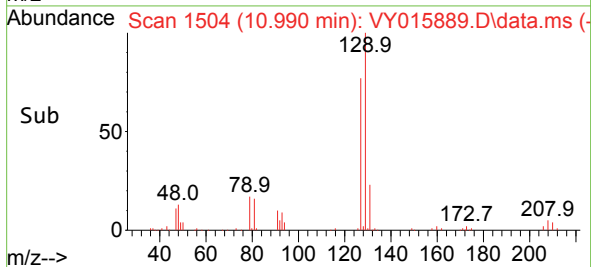
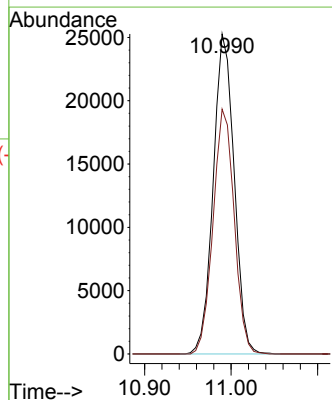
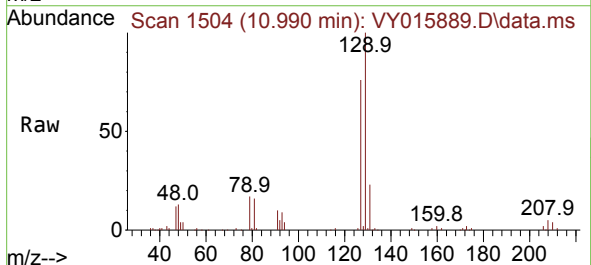
Instrument :
MSVOA_Y
ClientSampleId :

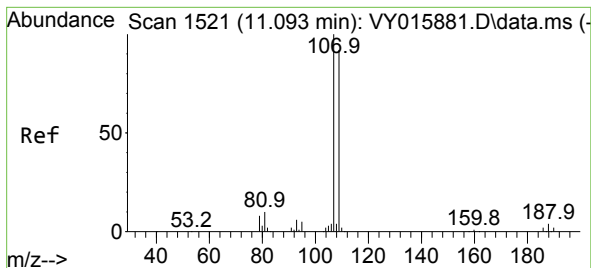
Tgt Ion: 43 Resp: 137879
Ion Ratio Lower Upper
43 100
58 56.6 25.1 75.3



#60
Dibromochloromethane
Concen: 21.235 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

Tgt Ion:129 Resp: 42381
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.164 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_Y

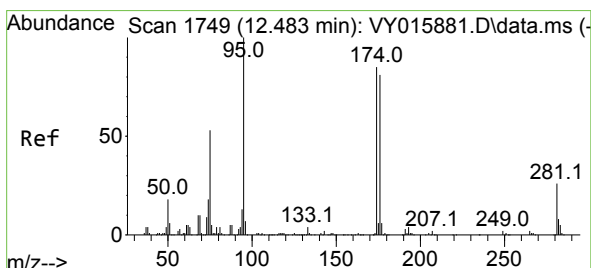
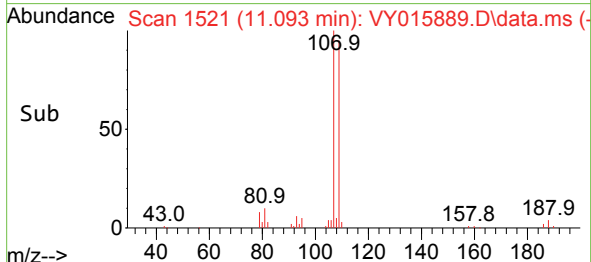
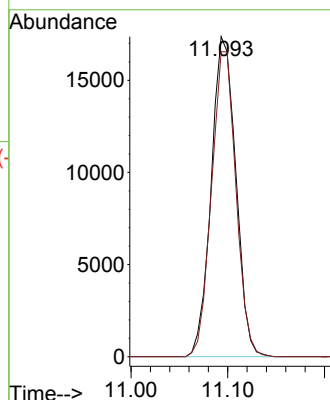
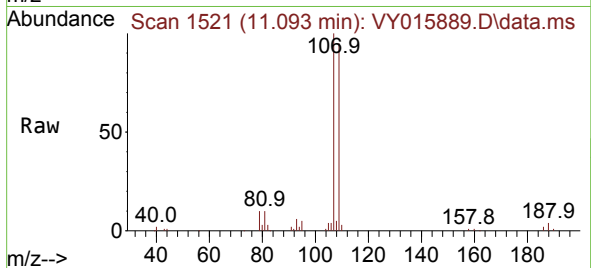
ClientSampleId :

Tgt Ion:107 Resp: 30659

Ion Ratio Lower Upper

107 100

109 94.9 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 49.004 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

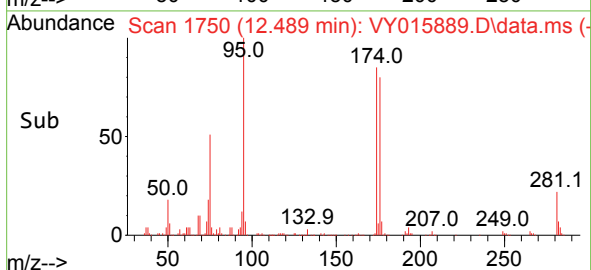
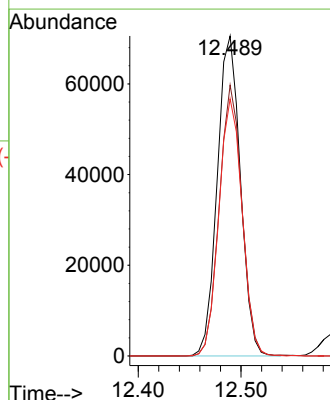
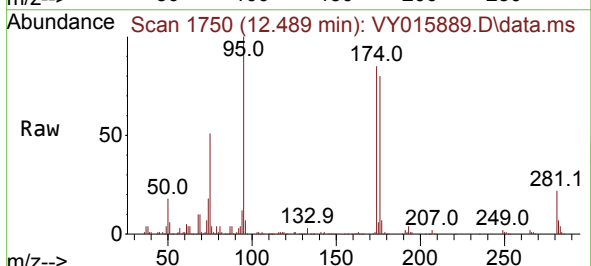
Tgt Ion: 95 Resp: 110089

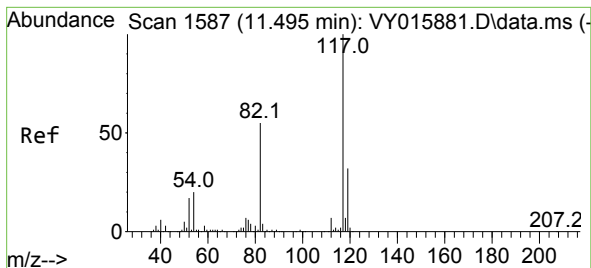
Ion Ratio Lower Upper

95 100

174 83.2 0.0 178.2

176 80.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

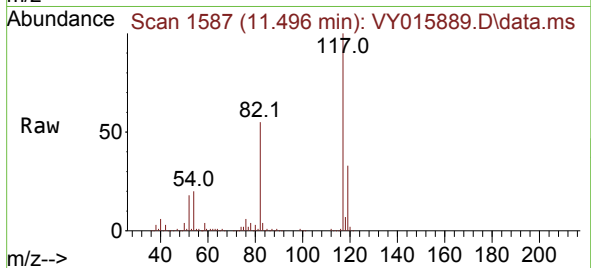
Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :



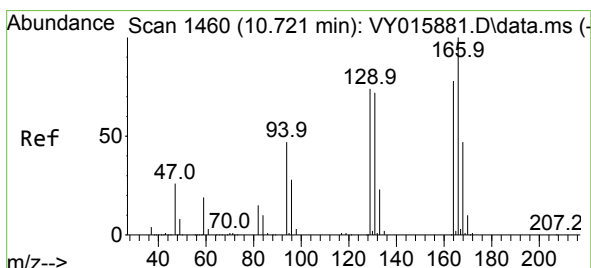
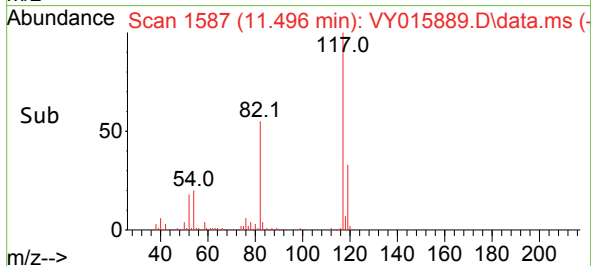
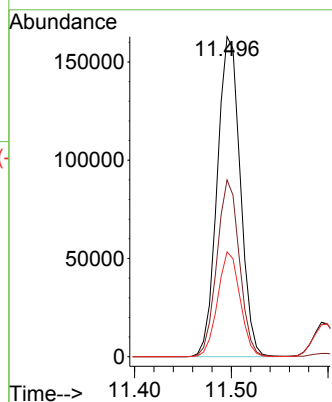
Tgt Ion:117 Resp: 268777

Ion Ratio Lower Upper

117 100

82 55.2 43.4 65.0

119 32.7 26.3 39.5



#64

Tetrachloroethene

Concen: 20.881 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Tgt Ion:164 Resp: 36626

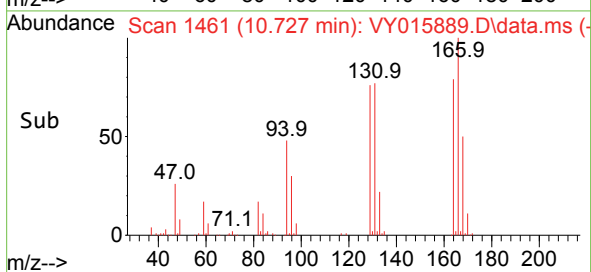
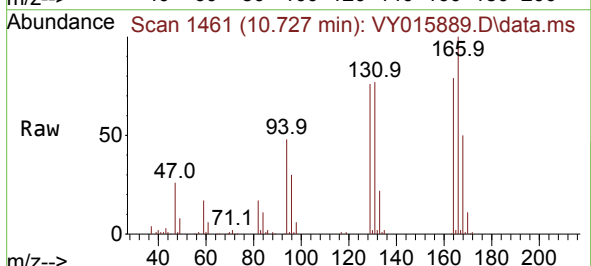
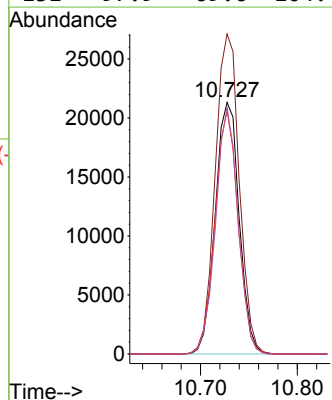
Ion Ratio Lower Upper

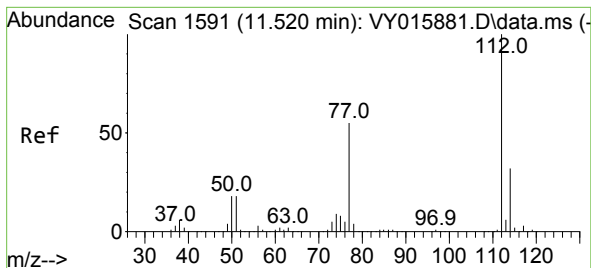
164 100

166 127.2 103.0 154.6

129 96.6 77.2 115.8

131 97.9 69.6 104.4

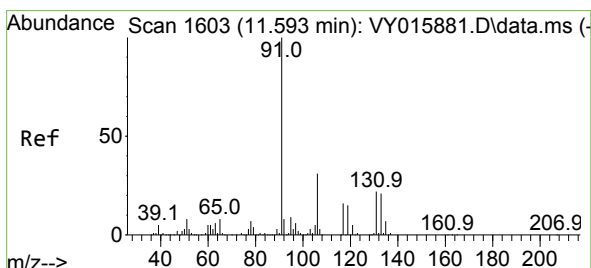
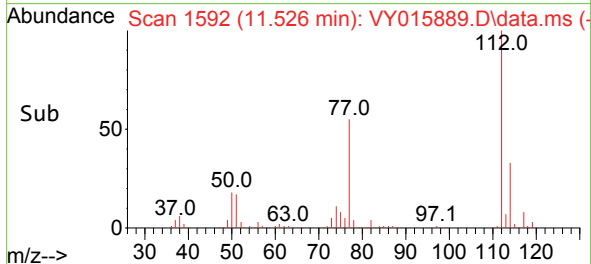
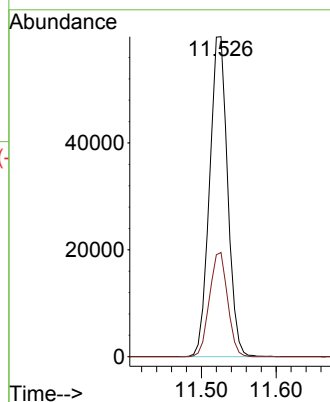
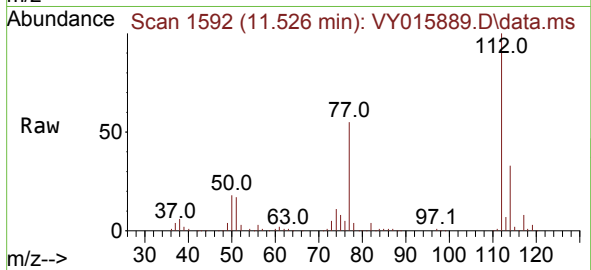




#65
Chlorobenzene
Concen: 21.472 ug/l
RT: 11.526 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

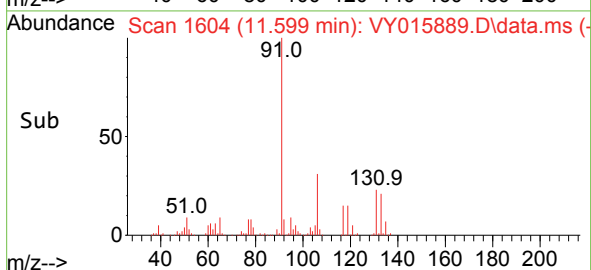
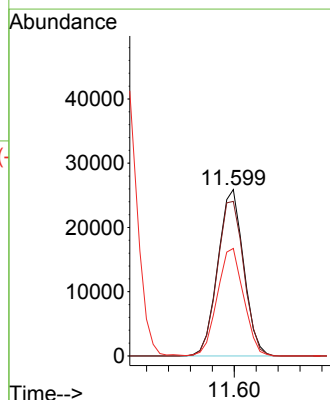
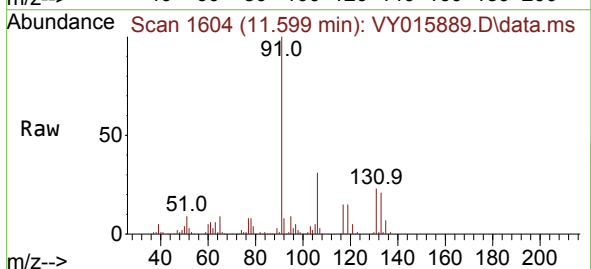
Instrument :
MSVOA_Y
ClientSampleId :

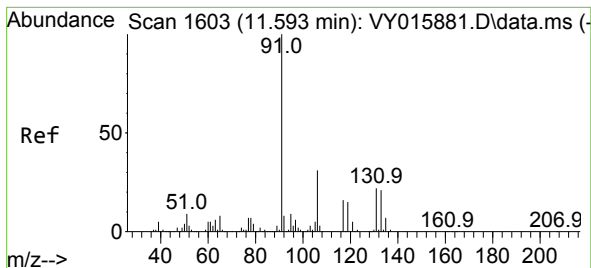
Tgt Ion:112 Resp: 100665
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.153 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

Tgt Ion:131 Resp: 42450
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.6
119 65.8 31.6 94.7





#67

Ethyl Benzene

Concen: 21.649 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_Y

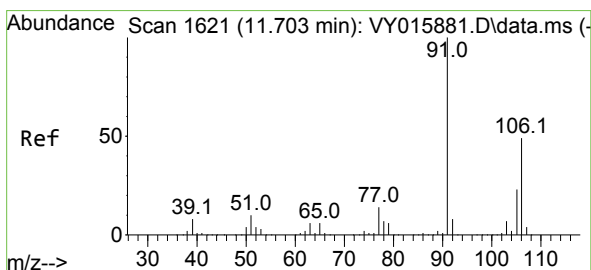
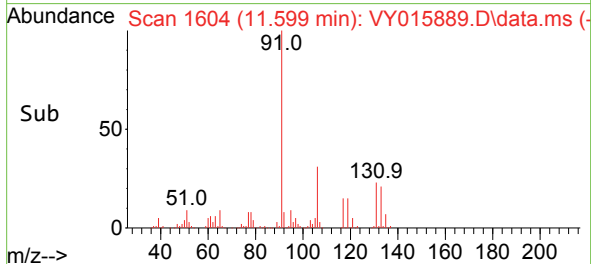
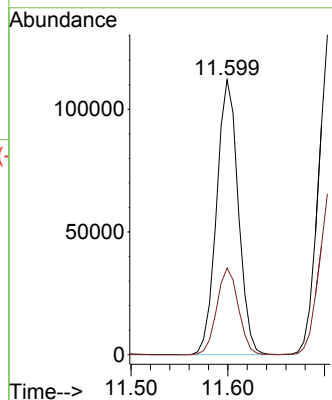
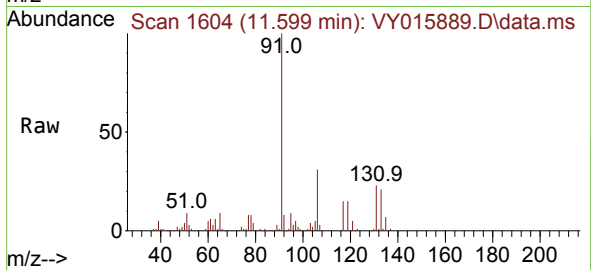
ClientSampleId :

Tgt Ion: 91 Resp: 174122

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8



#68

m/p-Xylenes

Concen: 43.740 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015889.D

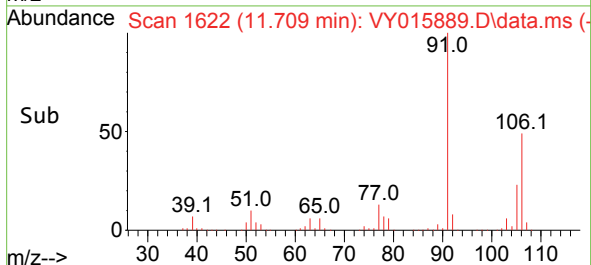
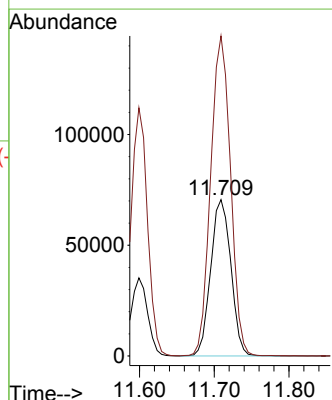
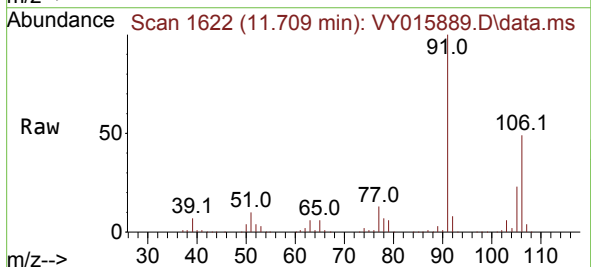
Acq: 10 Oct 2023 11:46

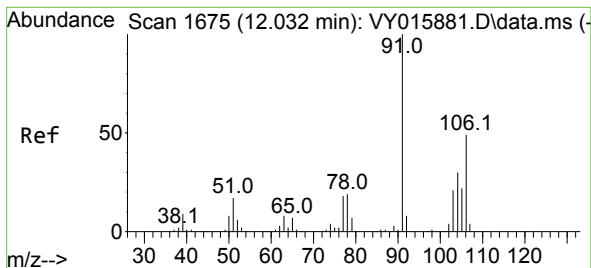
Tgt Ion:106 Resp: 132562

Ion Ratio Lower Upper

106 100

91 201.1 166.1 249.1





#69

o-Xylene

Concen: 22.314 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_Y

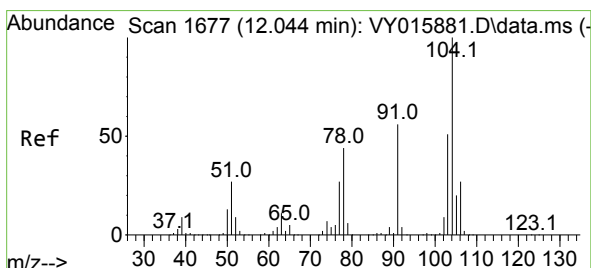
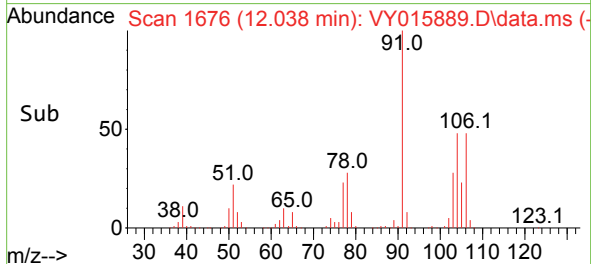
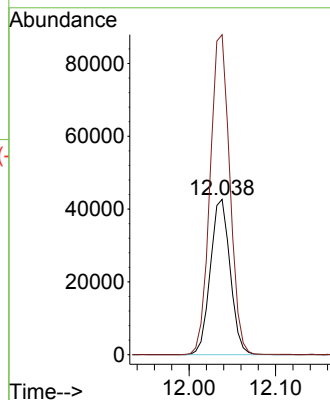
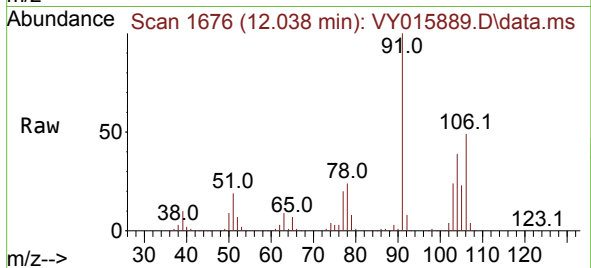
ClientSampleId :

Tgt Ion:106 Resp: 67664

Ion Ratio Lower Upper

106 100

91 205.7 108.1 324.3



#70

Styrene

Concen: 22.105 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

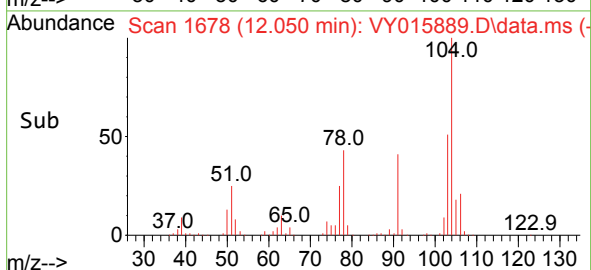
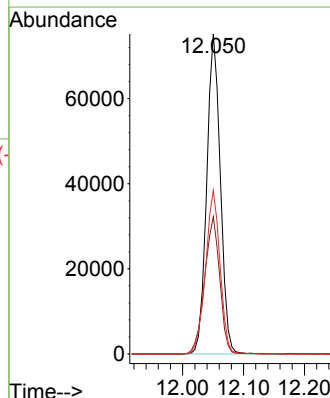
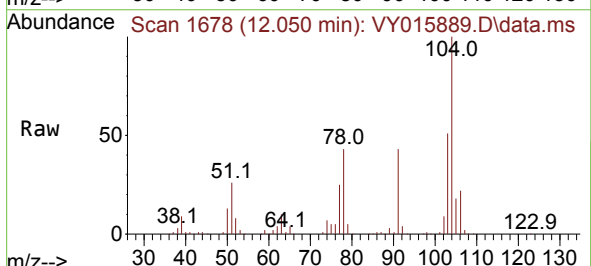
Tgt Ion:104 Resp: 116948

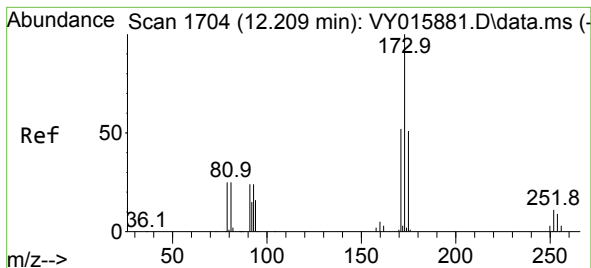
Ion Ratio Lower Upper

104 100

78 47.5 41.5 62.3

103 54.4 44.6 67.0





#71

Bromoform

Concen: 20.943 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

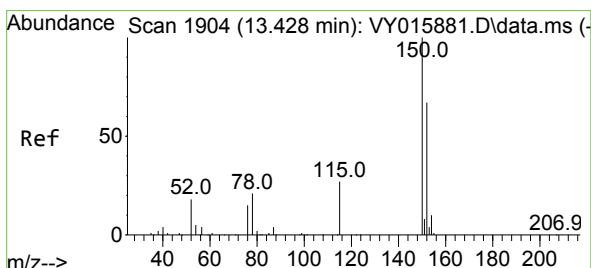
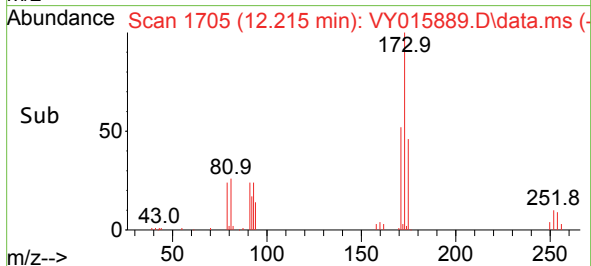
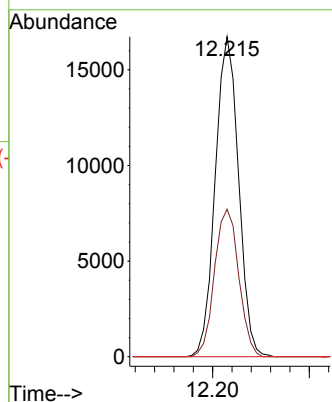
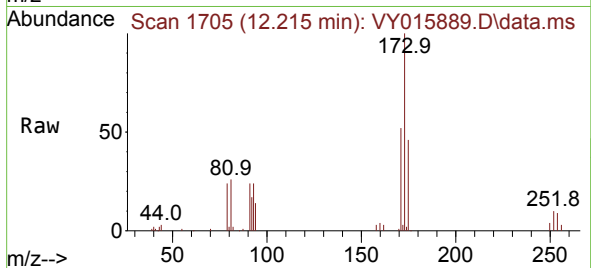
Tgt Ion:173 Resp: 27946

Ion Ratio Lower Upper

173 100

175 47.9 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. 0.006 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

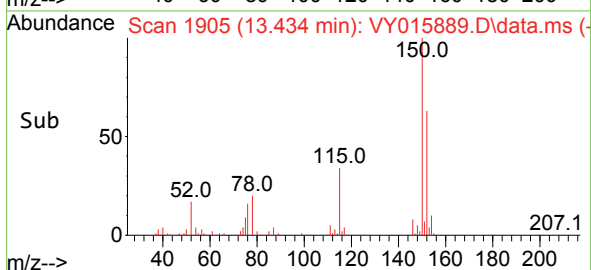
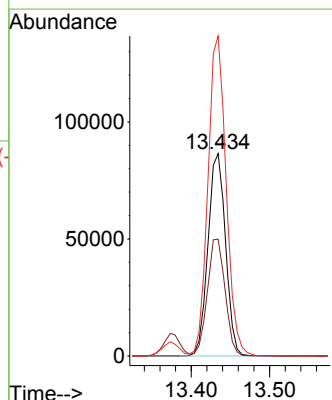
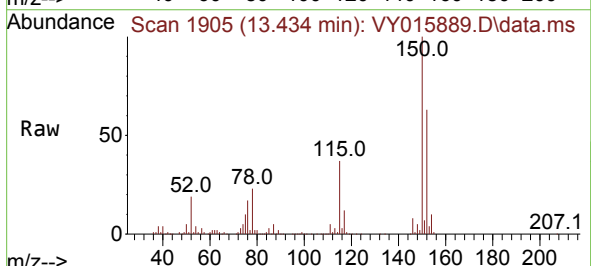
Tgt Ion:152 Resp: 134424

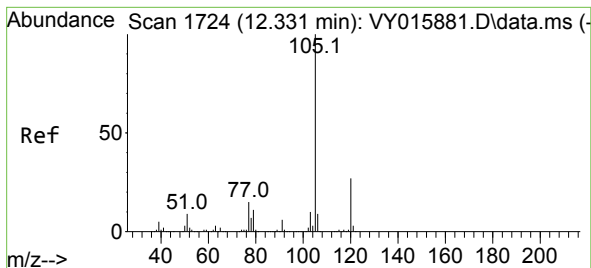
Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 163.8 0.0 348.8





#73

Isopropylbenzene

Concen: 22.129 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_Y

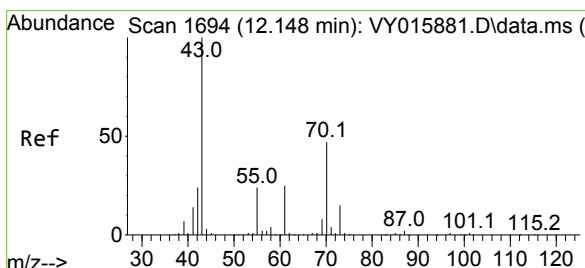
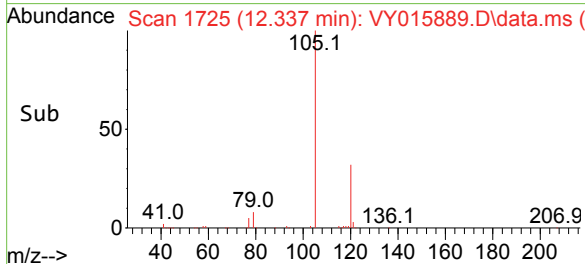
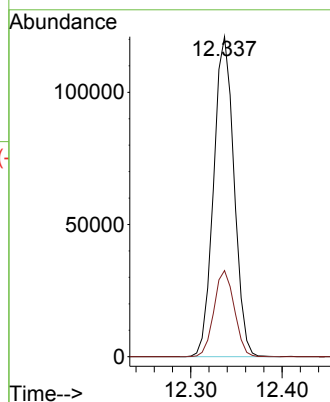
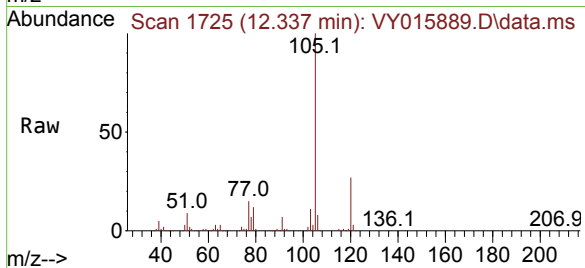
ClientSampleId :

Tgt Ion:105 Resp: 187643

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 20.404 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Tgt Ion: 43 Resp: 54525

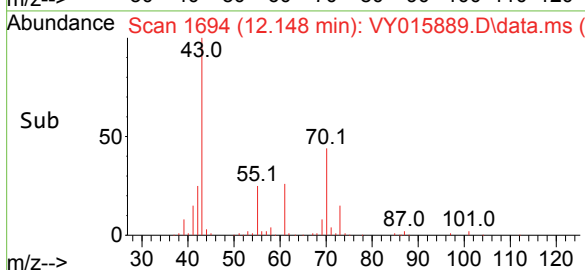
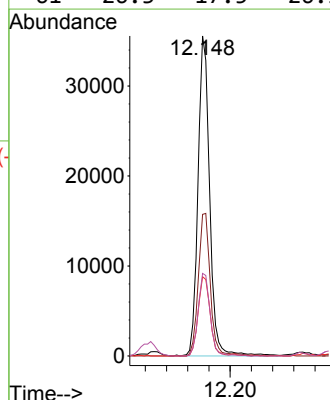
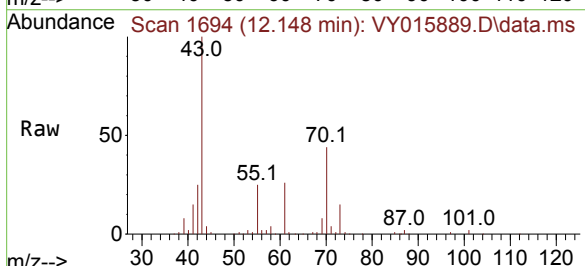
Ion Ratio Lower Upper

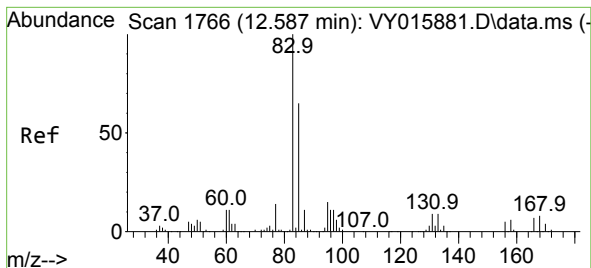
43 100

70 45.8 29.7 44.5#

55 25.3 18.3 27.5

61 26.3 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.578 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

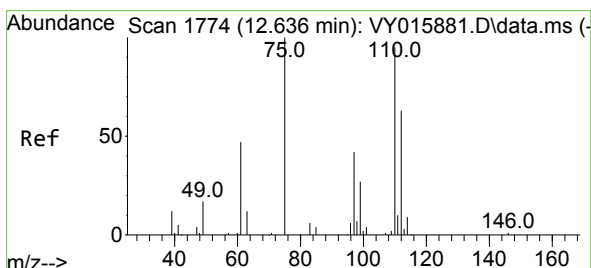
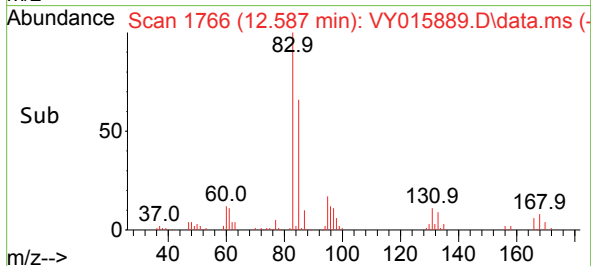
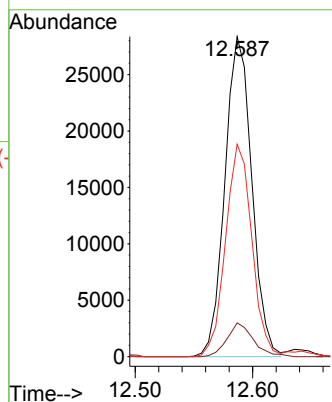
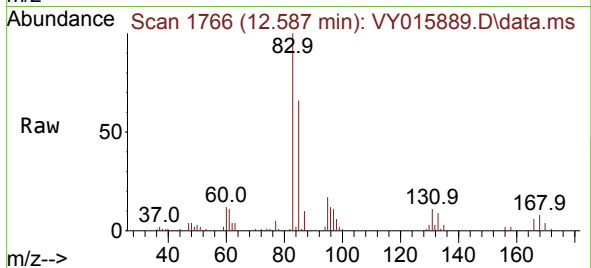
Tgt Ion: 83 Resp: 45245

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 64.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 36.051 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY015889.D

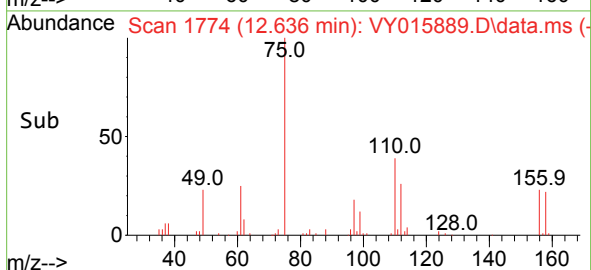
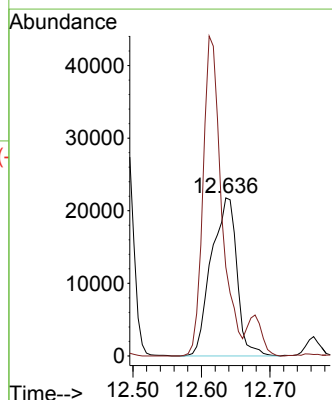
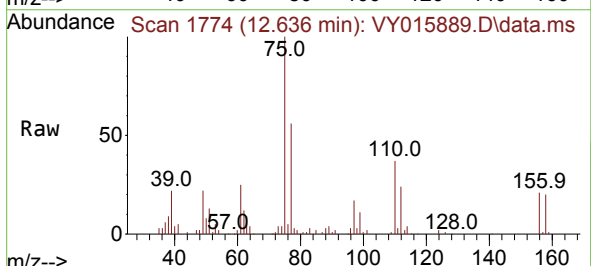
Acq: 10 Oct 2023 11:46

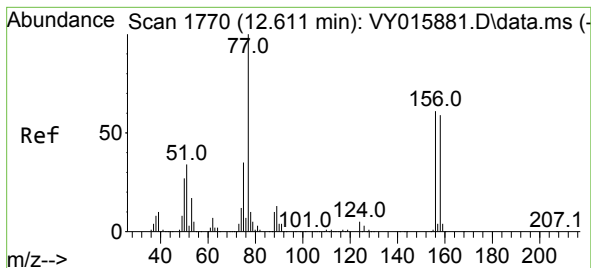
Tgt Ion: 75 Resp: 56572

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.540 ug/l

RT: 12.617 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

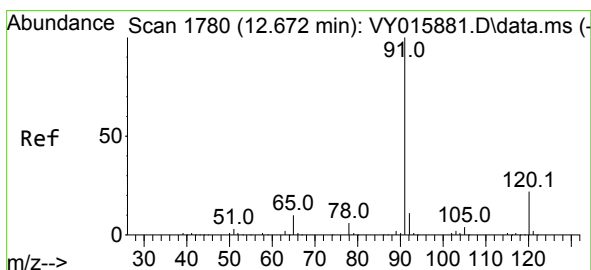
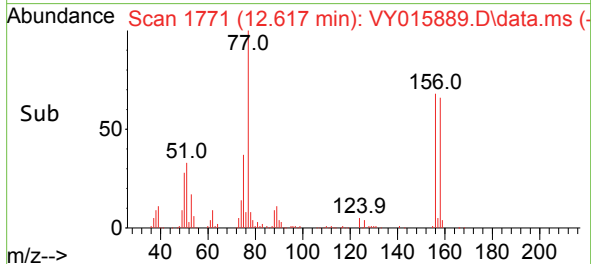
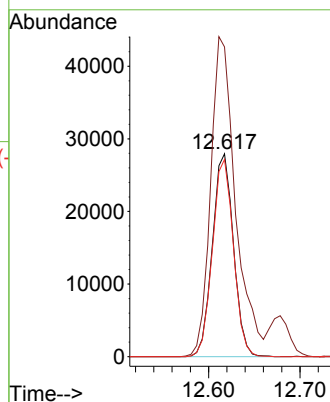
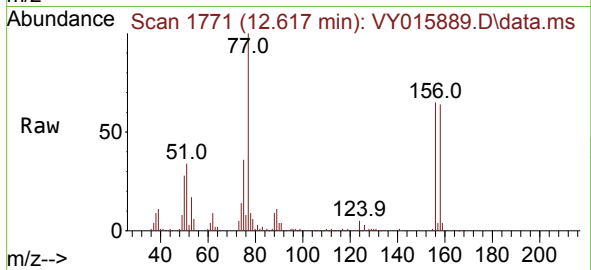
Tgt Ion:156 Resp: 44786

Ion Ratio Lower Upper

156 100

77 185.7 92.8 278.6

158 96.9 48.4 145.3



#78

n-propylbenzene

Concen: 22.233 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY015889.D

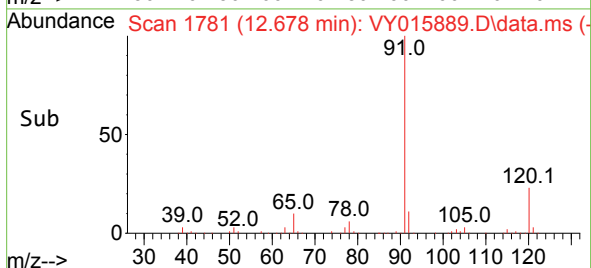
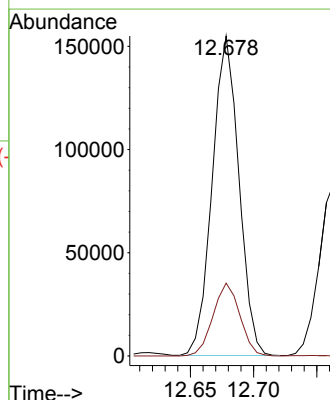
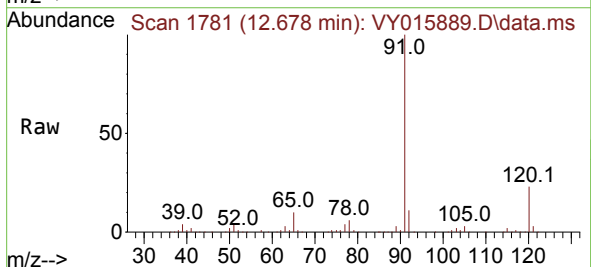
Acq: 10 Oct 2023 11:46

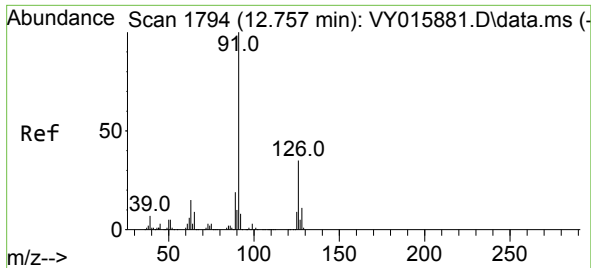
Tgt Ion: 91 Resp: 226722

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

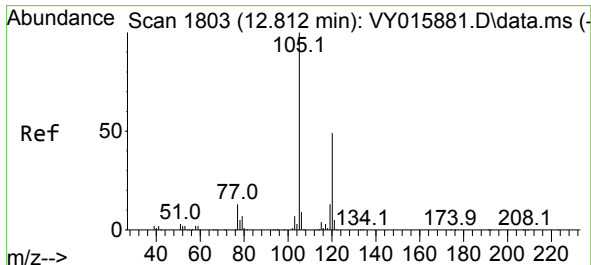
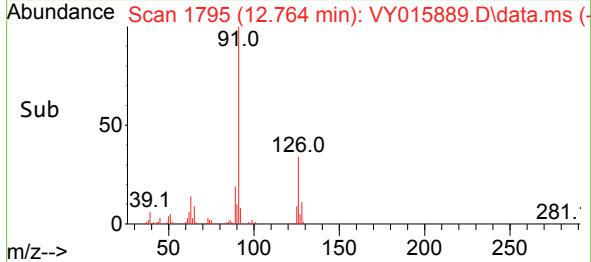
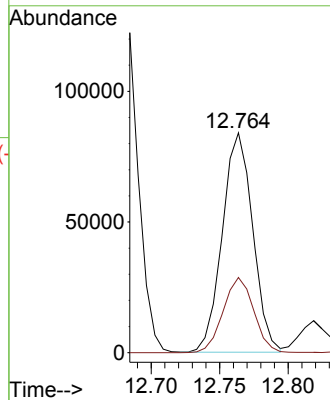
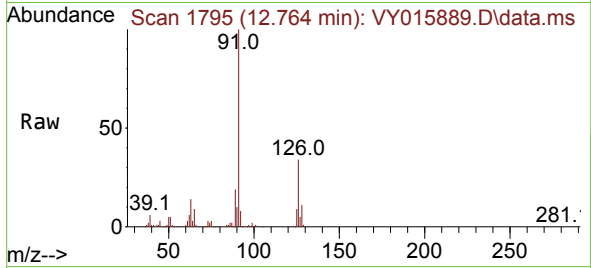




#79
2-Chlorotoluene
Concen: 22.368 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

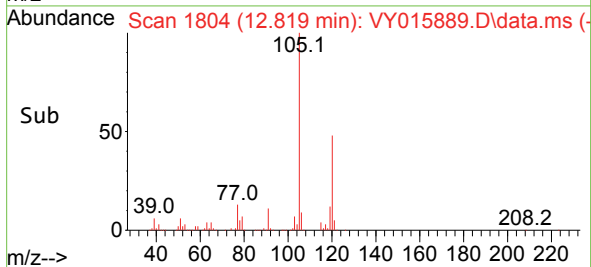
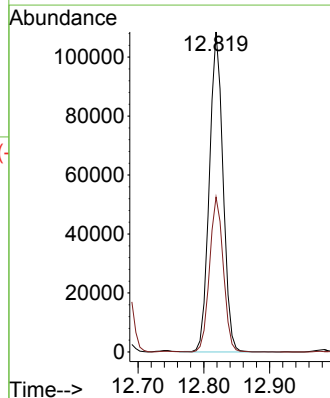
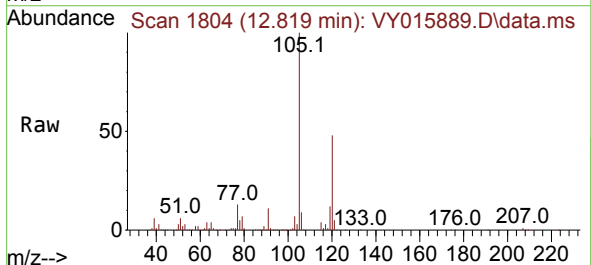
Instrument :
MSVOA_Y
ClientSampleId :

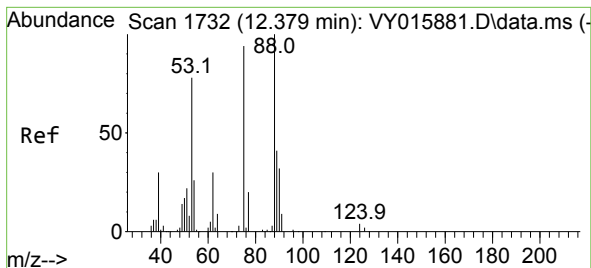
Tgt Ion: 91 Resp: 129932
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 22.447 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

Tgt Ion: 105 Resp: 156877
Ion Ratio Lower Upper
105 100
120 48.7 23.9 71.7

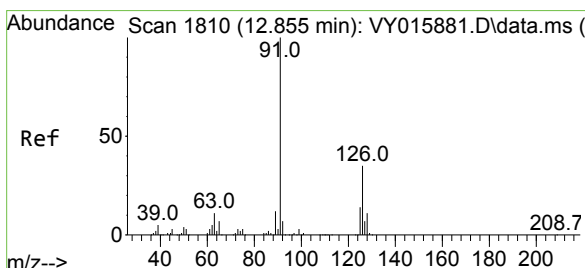
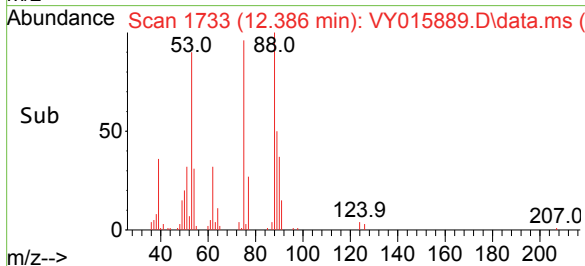
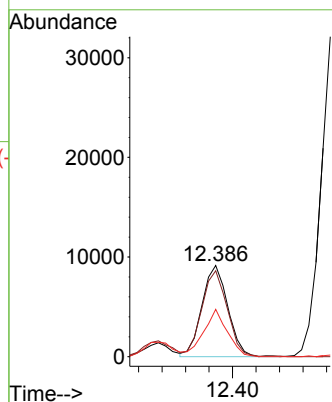
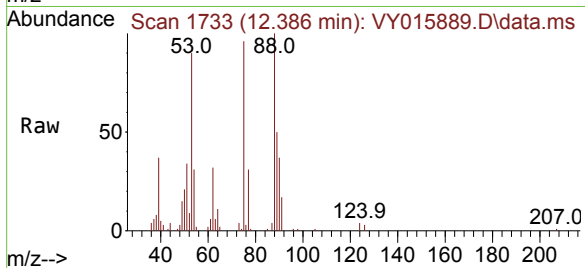




#81
trans-1,4-Dichloro-2-butene
Concen: 19.757 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

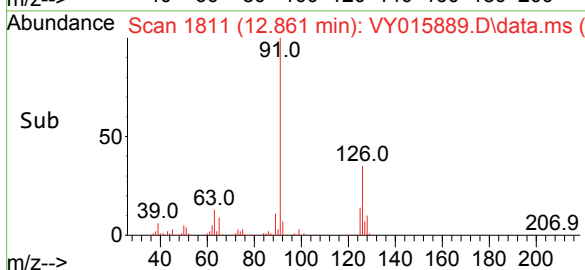
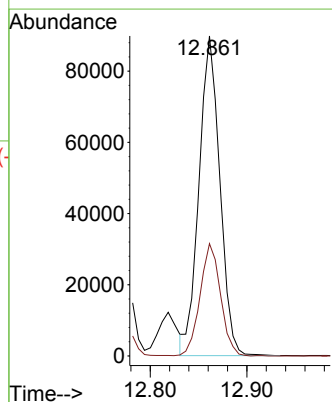
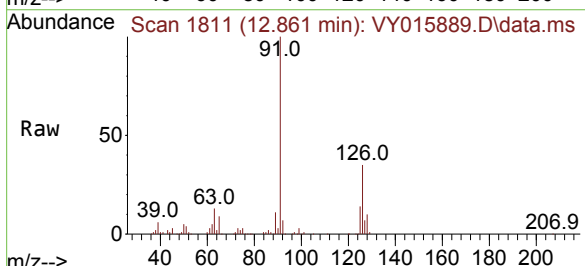
Instrument :
MSVOA_Y
ClientSampleId :

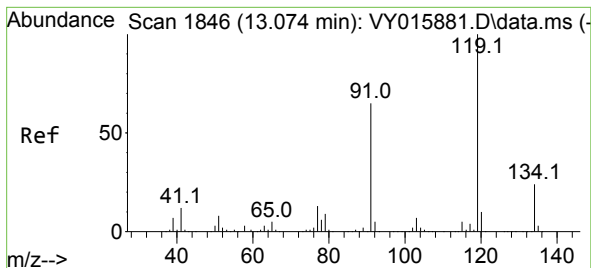
Tgt Ion: 75 Resp: 13981
Ion Ratio Lower Upper
75 100
53 93.6 77.8 116.8
89 48.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 22.210 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

Tgt Ion: 91 Resp: 134445
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.884 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

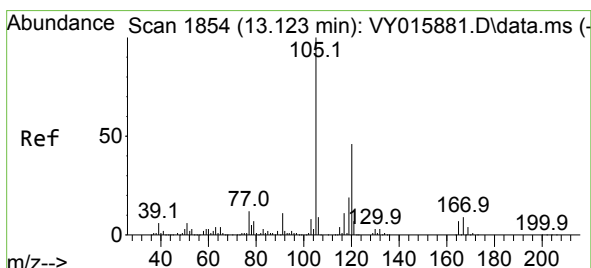
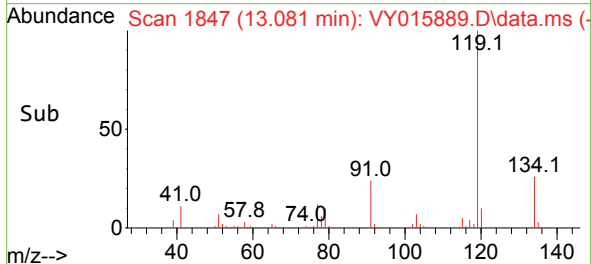
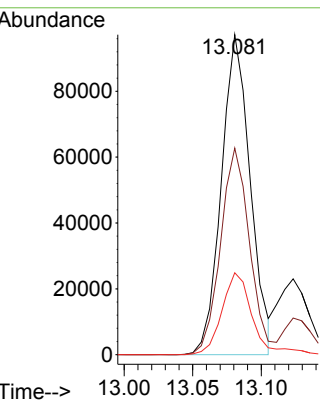
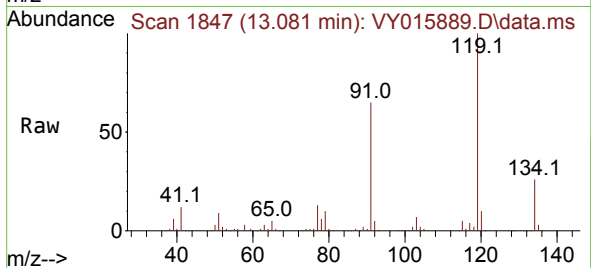
Tgt Ion:119 Resp: 142736

Ion Ratio Lower Upper

119 100

91 65.2 32.9 98.6

134 27.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 22.202 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY015889.D

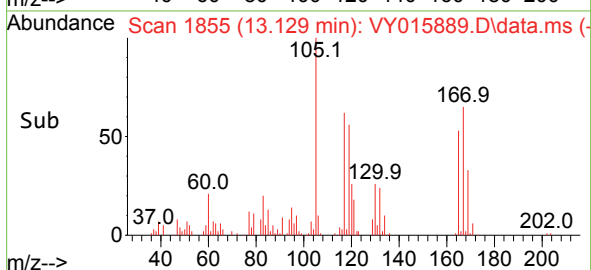
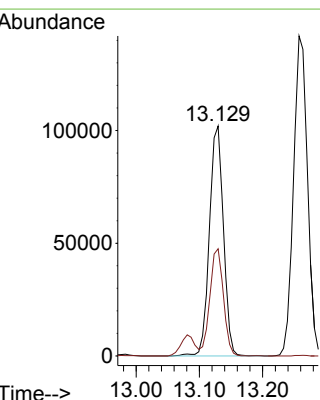
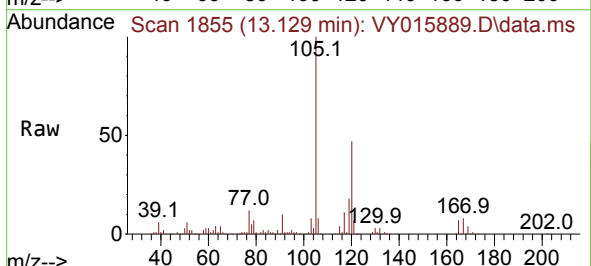
Acq: 10 Oct 2023 11:46

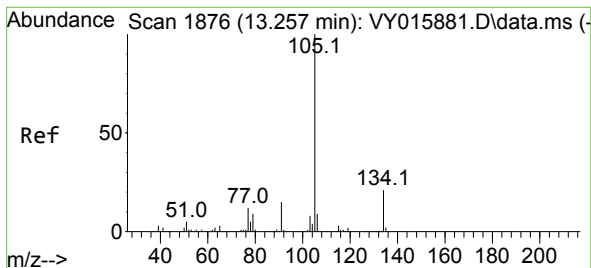
Tgt Ion:105 Resp: 156253

Ion Ratio Lower Upper

105 100

120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 22.656 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_Y

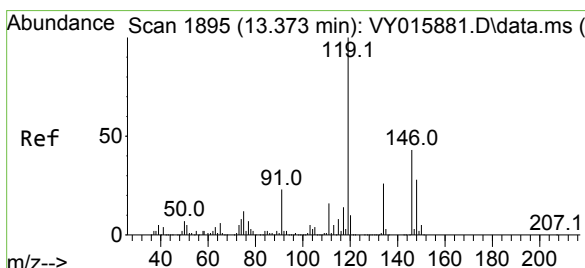
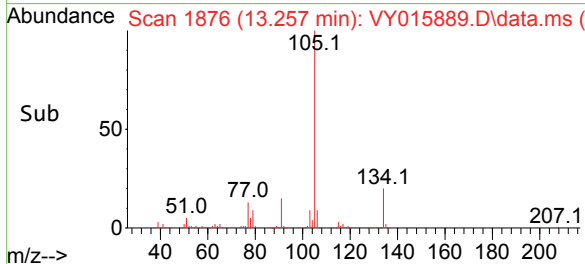
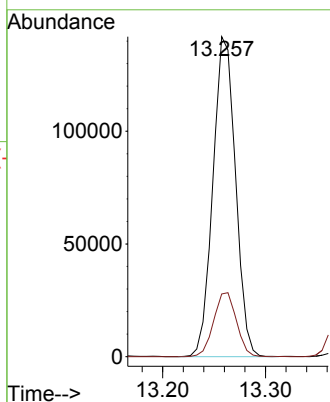
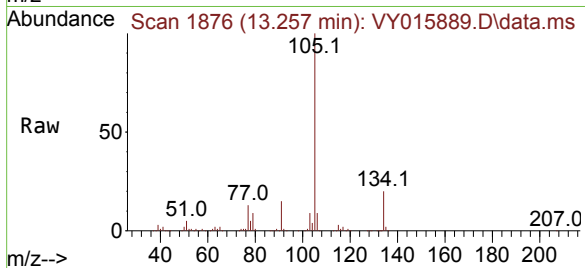
ClientSampleId :

Tgt Ion:105 Resp: 216713

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 22.745 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

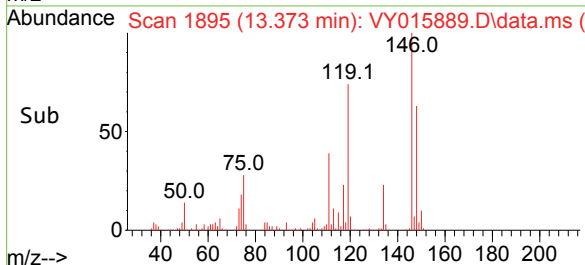
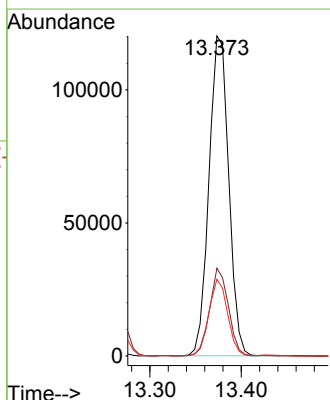
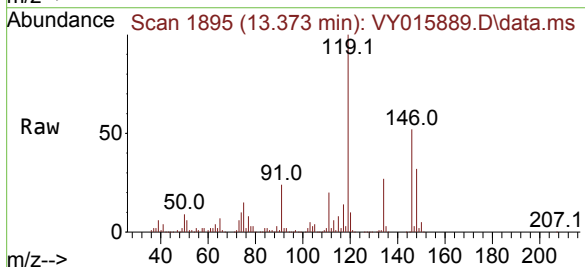
Tgt Ion:119 Resp: 179977

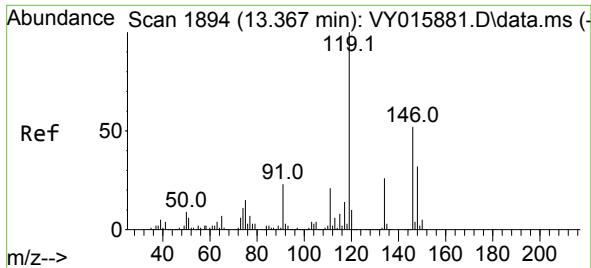
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

91 22.8 12.4 37.4

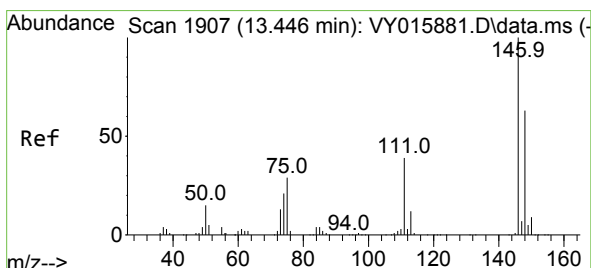
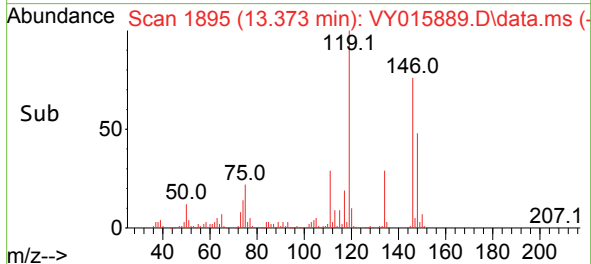
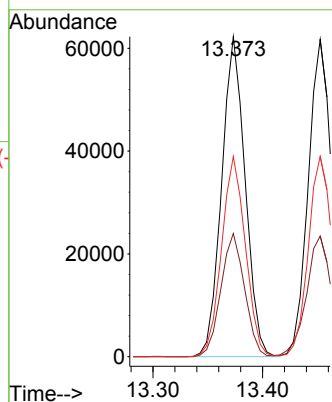
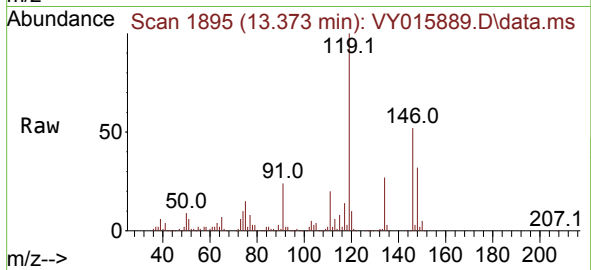




#87
1,3-Dichlorobenzene
Concen: 22.153 ug/l
RT: 13.373 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

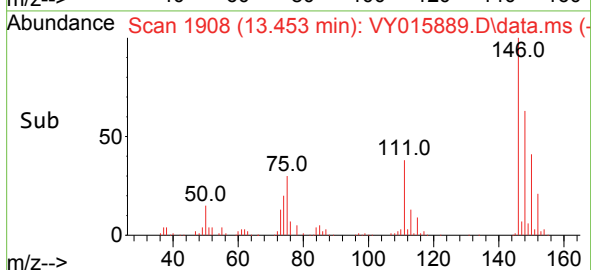
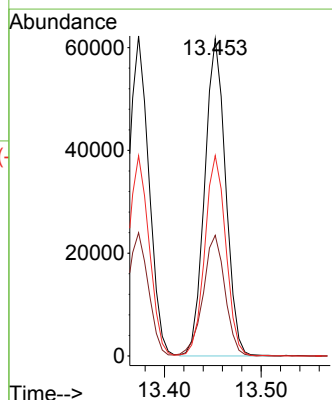
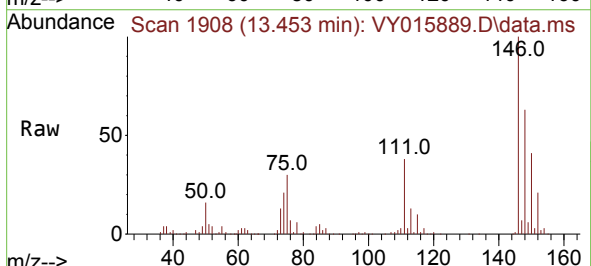
Instrument :
MSVOA_Y
ClientSampleId :

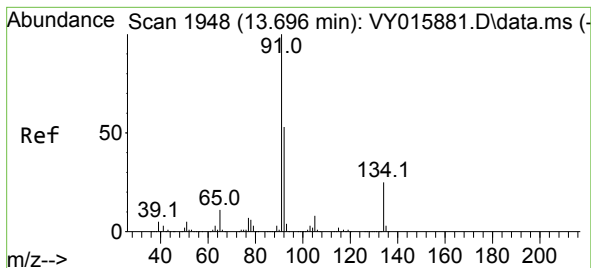
Tgt Ion:146 Resp: 92736
Ion Ratio Lower Upper
146 100
111 38.8 19.4 58.2
148 63.4 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 22.027 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY015889.D
Acq: 10 Oct 2023 11:46

Tgt Ion:146 Resp: 92856
Ion Ratio Lower Upper
146 100
111 39.9 18.9 56.7
148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 22.504 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

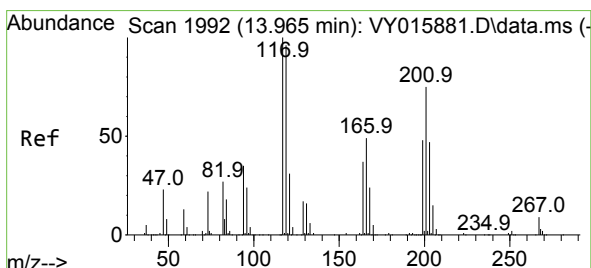
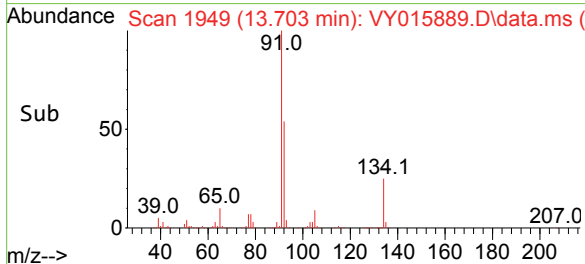
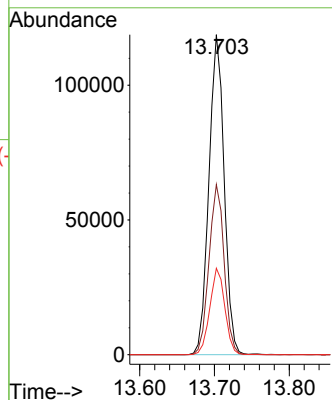
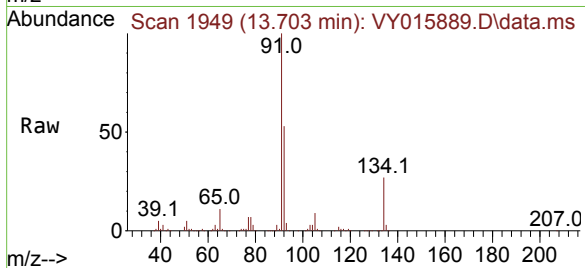
Tgt Ion: 91 Resp: 168514

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 26.6 12.6 37.6



#90

Hexachloroethane

Concen: 22.893 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY015889.D

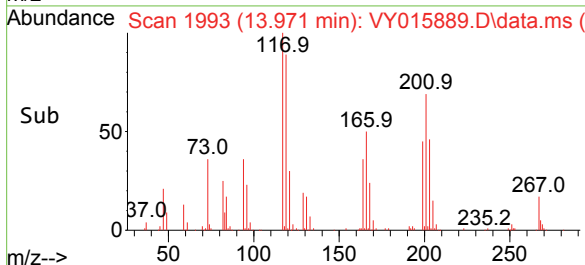
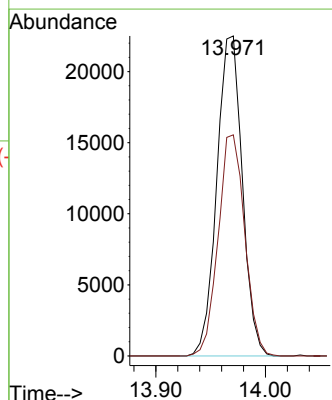
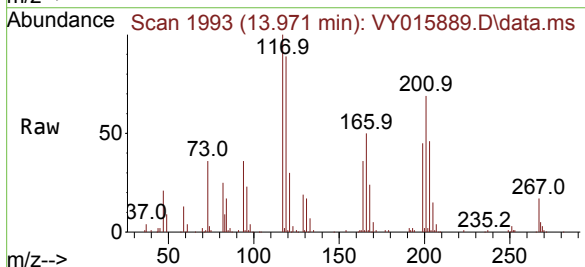
Acq: 10 Oct 2023 11:46

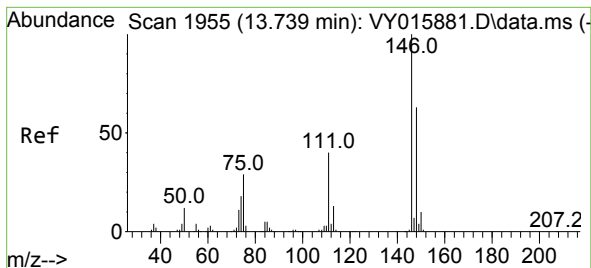
Tgt Ion: 117 Resp: 36355

Ion Ratio Lower Upper

117 100

201 72.1 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 21.627 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015889.D

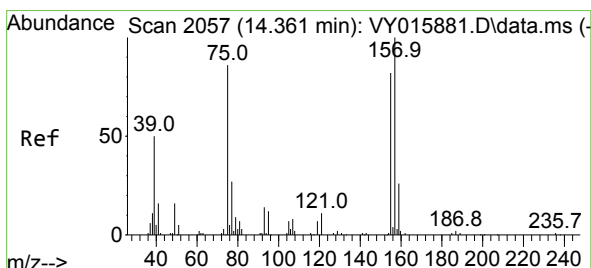
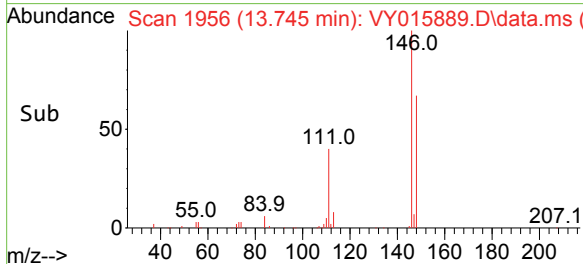
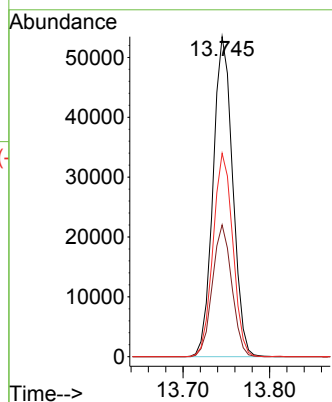
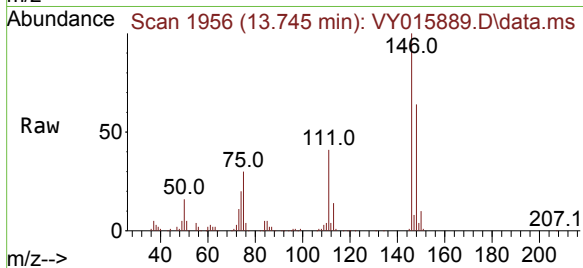
Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	84153
Ion	Ratio	Lower Upper
146	100	
111	40.6	19.7 59.0
148	63.9	32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.623 ug/l

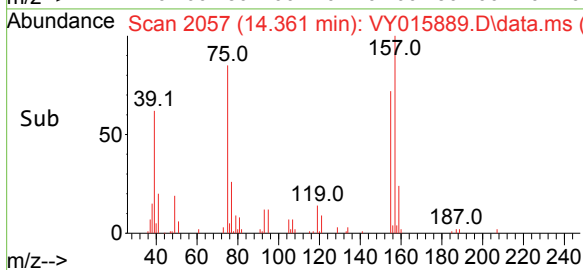
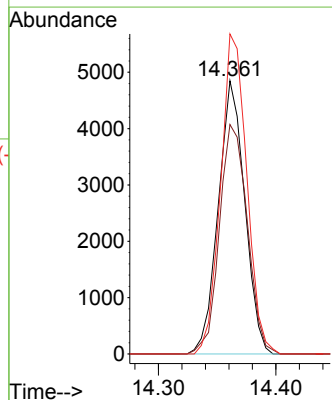
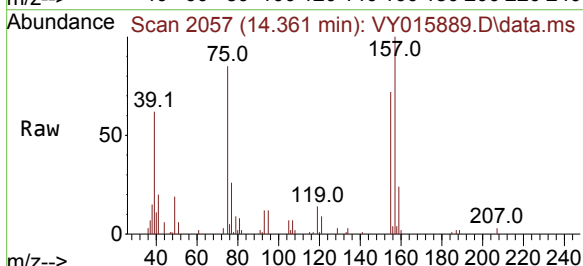
RT: 14.361 min Scan# 2057

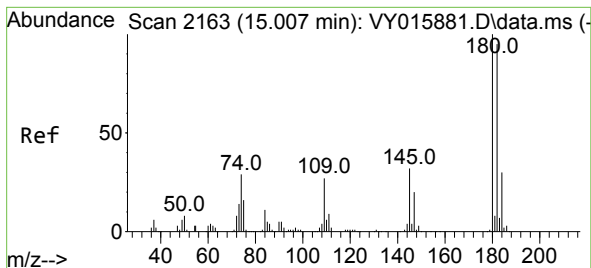
Delta R.T. 0.000 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Tgt Ion: 75	Resp:	7577
Ion	Ratio	Lower Upper
75	100	
155	88.6	41.5 124.6
157	115.7	51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.270 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

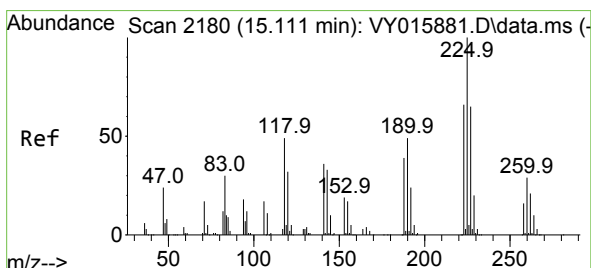
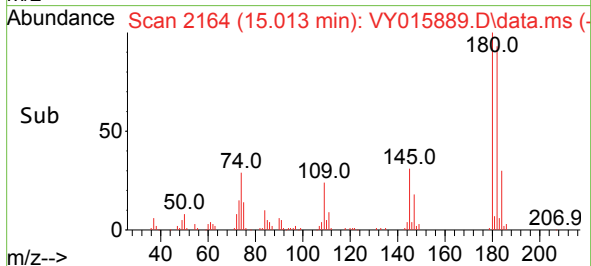
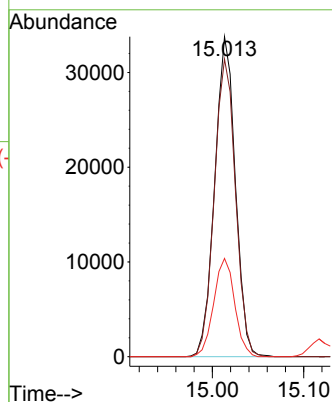
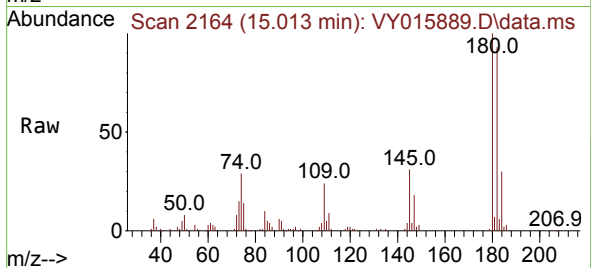
Tgt Ion:180 Resp: 53043

Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.2

145 31.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.745 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

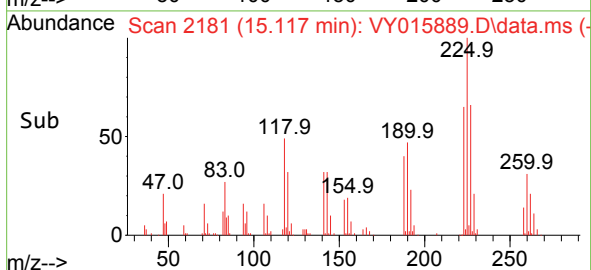
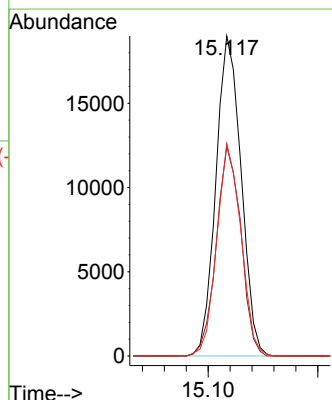
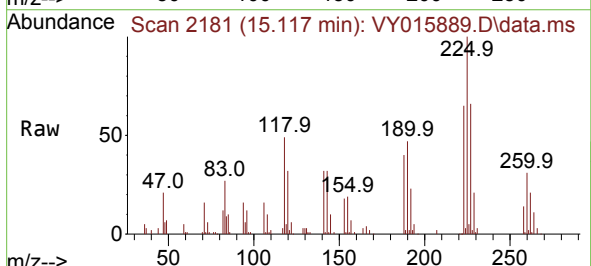
Tgt Ion:225 Resp: 30373

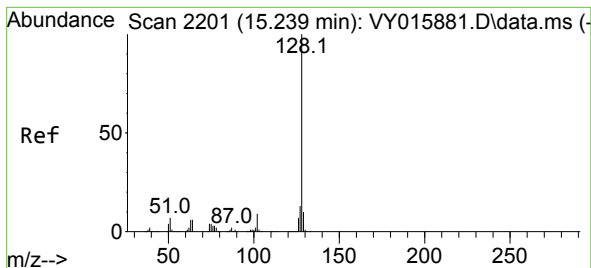
Ion Ratio Lower Upper

225 100

223 63.7 31.9 95.9

227 63.6 33.0 98.9





#95

Naphthalene

Concen: 19.624 ug/l

RT: 15.245 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

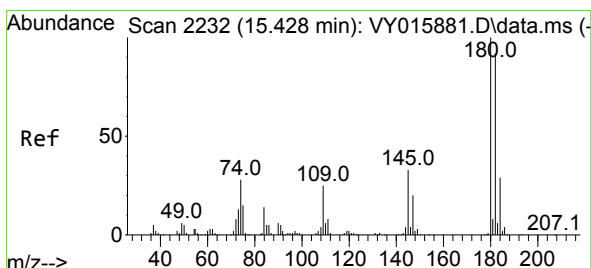
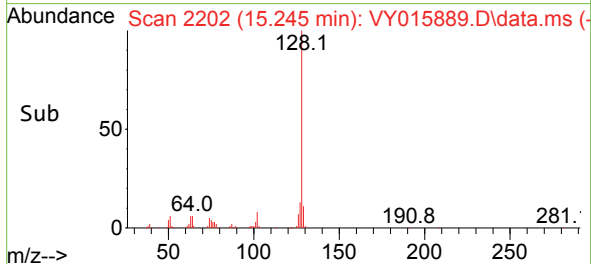
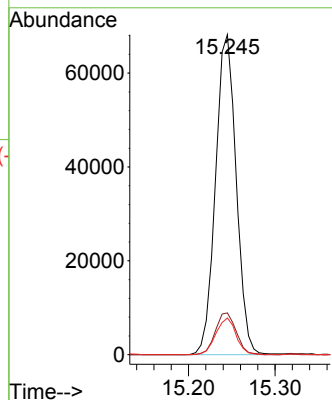
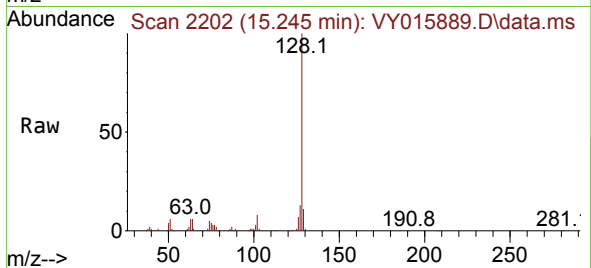
Tgt Ion:128 Resp: 113214

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.118 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY015889.D

Acq: 10 Oct 2023 11:46

Tgt Ion:180 Resp: 46846

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

145 32.5 15.4 46.2

