

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013486.D
 Acq On : 26 Apr 2023 20:07
 Operator : KP/MD
 Sample : 02401-07MSD
 Misc : 7.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230318-31-4MSD

Quant Time: Apr 27 01:39:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	104958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	172361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	119892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	30944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	73442	63.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.660%	
35) Dibromofluoromethane	7.716	113	61173	56.429	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.860%	
50) Toluene-d8	10.179	98	179557	46.560	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.120%	
62) 4-Bromofluorobenzene	12.483	95	42340	32.566	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 65.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	70442	70.596	ug/l	97
3) Chloromethane	2.113	50	93513	69.916	ug/l	100
4) Vinyl Chloride	2.253	62	94410	70.892	ug/l	98
5) Bromomethane	2.656	94	55129	51.947	ug/l	98
6) Chloroethane	2.796	64	63020	68.499	ug/l	98
7) Trichlorofluoromethane	3.131	101	118441	58.708	ug/l	99
8) Diethyl Ether	3.527	74	44313	64.501	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.905	101	60118	53.125	ug/l	93
10) Methyl Iodide	4.088	142	43868	30.864	ug/l	97
11) Tert butyl alcohol	4.984	59	31763	245.110	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	61818	56.672	ug/l	87
13) Acrolein	3.741	56	1657	7.909	ug/l #	79
14) Allyl chloride	4.478	41	102162	50.475	ug/l	96
15) Acrylonitrile	5.161	53	138231	359.272	ug/l	97
16) Acetone	3.954	43	219086	483.520	ug/l	94
17) Carbon Disulfide	4.198	76	165122	46.601	ug/l	99
18) Methyl Acetate	4.478	43	197452	131.941	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	219491	69.698	ug/l	98
20) Methylene Chloride	4.716	84	93261	68.732	ug/l #	87
21) trans-1,2-Dichloroethene	5.222	96	65312	54.761	ug/l	91
22) Diisopropyl ether	6.118	45	262595	66.378	ug/l	95
23) Vinyl Acetate	6.064	43	225555	100.698	ug/l	97
24) 1,1-Dichloroethane	6.021	63	140283	63.625	ug/l	98
25) 2-Butanone	6.990	43	247249	430.269	ug/l	91
26) 2,2-Dichloropropane	6.984	77	112849	59.397	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	77776	59.022	ug/l	92
28) Bromochloromethane	7.332	49	52667	67.313	ug/l #	77
29) Tetrahydrofuran	7.350	42	139244	389.276	ug/l	90
30) Chloroform	7.508	83	138392	63.130	ug/l	99
31) Cyclohexane	7.789	56	81788	39.703	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	114180	58.369	ug/l	96
36) 1,1-Dichloropropene	7.917	75	91335	50.765	ug/l	97
37) Ethyl Acetate	7.076	43	78371	57.884	ug/l	96
38) Carbon Tetrachloride	7.905	117	81633	43.290	ug/l	92
39) Methylcyclohexane	9.179	83	58647	27.650	ug/l	94
40) Benzene	8.161	78	282105	55.664	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	43206	68.480	ug/l	98
42) 1,2-Dichloroethane	8.234	62	105943	63.940	ug/l	98
43) Isopropyl Acetate	8.271	43	157535	68.934	ug/l #	93
44) Trichloroethene	8.941	130	68317	50.677	ug/l	95
45) 1,2-Dichloropropane	9.215	63	79024	59.636	ug/l	95
46) Dibromomethane	9.307	93	50858	64.144	ug/l	91
47) Bromodichloromethane	9.496	83	99854	56.283	ug/l #	95
48) Methyl methacrylate	9.295	41	84629	80.633	ug/l	90
49) 1,4-Dioxane	9.307	88	11238	992.425	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	493076	387.190	ug/l	95
52) Toluene	10.240	92	152225	49.913	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	82234	43.796	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	82608	39.099	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	66514	63.348	ug/l	98
56) Ethyl methacrylate	10.508	69	84470	57.987	ug/l	87
57) 1,3-Dichloropropane	10.788	76	110667	62.234	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	170345	311.851	ug/l	92
59) 2-Hexanone	10.831	43	353042	381.373	ug/l	96
60) Dibromochloromethane	10.983	129	67135	52.658	ug/l	100
61) 1,2-Dibromoethane	11.087	107	62083	60.140	ug/l	100
64) Tetrachloroethene	10.721	164	51042	55.988	ug/l	90
65) Chlorobenzene	11.514	112	135359	51.828	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	57570	58.939	ug/l	100
67) Ethyl Benzene	11.593	91	215982	47.094	ug/l	99
68) m/p-Xylenes	11.703	106	159140	91.279	ug/l	97
69) o-Xylene	12.026	106	76763	46.555	ug/l	97
70) Styrene	12.044	104	109501	39.718	ug/l	96
71) Bromoform	12.209	173	41378	60.479	ug/l #	100
73) Isopropylbenzene	12.331	105	150163	64.159	ug/l	97
74) N-amyl acetate	12.142	43	53073	63.722	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	77970	136.292	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	90201	216.145	ug/l #	100
77) Bromobenzene	12.605	156	44809	79.013	ug/l	74
78) n-propylbenzene	12.672	91	159494	55.325	ug/l	96
79) 2-Chlorotoluene	12.757	91	98762	61.348	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	96595	50.565	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	12837	62.923	ug/l	95
82) 4-Chlorotoluene	12.855	91	102792	61.261	ug/l	94
83) tert-Butylbenzene	13.075	119	74117	44.783	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	95644	51.497	ug/l	99
85) sec-Butylbenzene	13.251	105	97439	39.229	ug/l	97
86) p-Isopropyltoluene	13.367	119	69944	35.016	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	53200	49.239	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	54380	49.825	ug/l	98
89) n-Butylbenzene	13.696	91	55636	28.538	ug/l	98
90) Hexachloroethane	13.959	117	10614	25.248	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	50555	51.816	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11390	112.732	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	10381	17.846	ug/l	98
94) Hexachlorobutadiene	15.111	225	4126	12.188	ug/l	95
95) Naphthalene	15.233	128	52590	41.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	9407	18.144	ug/l	97

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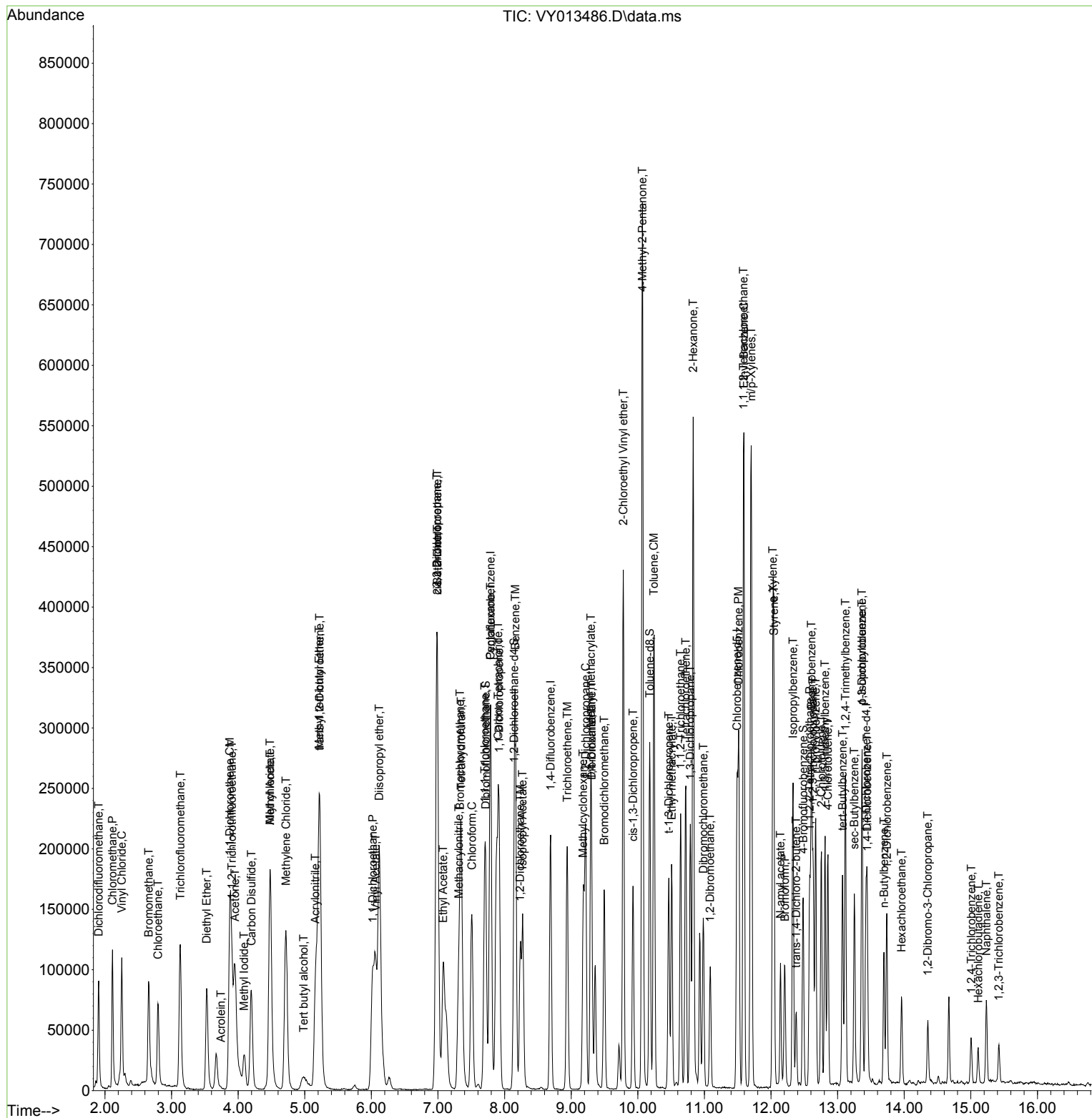
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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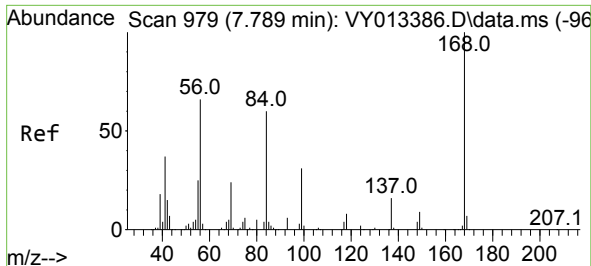
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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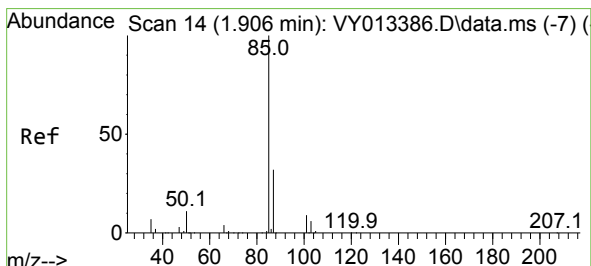
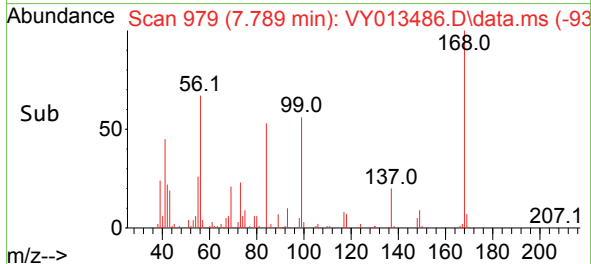
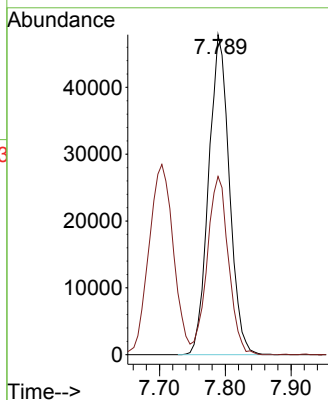
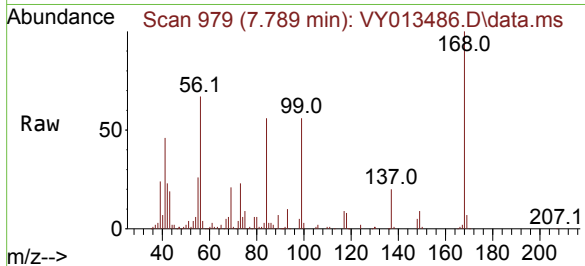




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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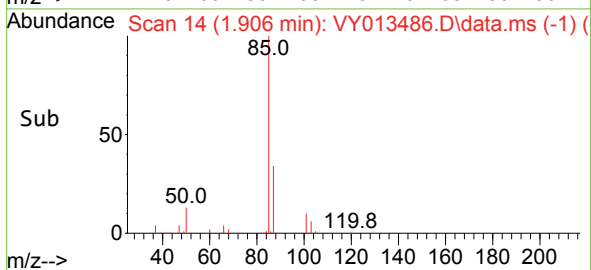
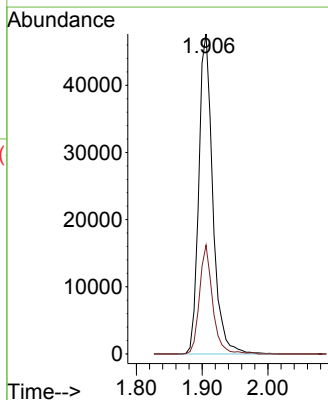
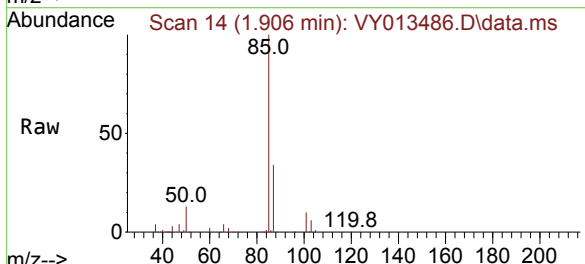
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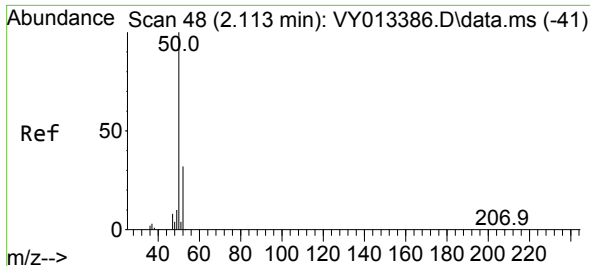
Tgt Ion:168 Resp: 104958
Ion Ratio Lower Upper
168 100
99 55.7 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 70.596 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Tgt Ion: 85 Resp: 70442
Ion Ratio Lower Upper
85 100
87 34.0 16.1 48.2

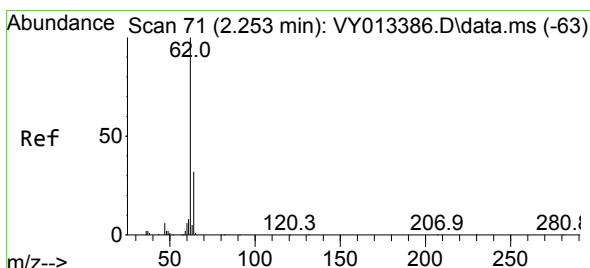
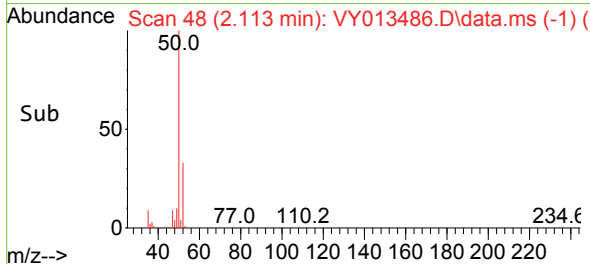
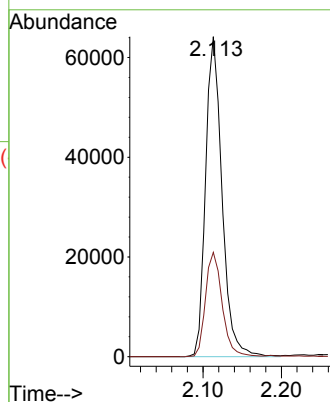
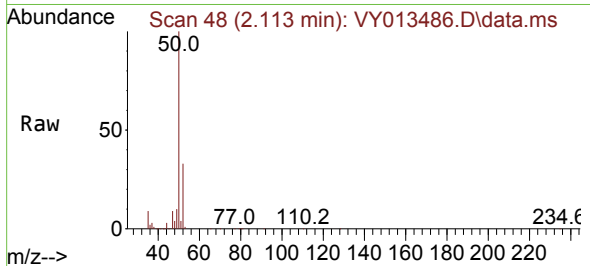




#3
Chloromethane
Concen: 69.916 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

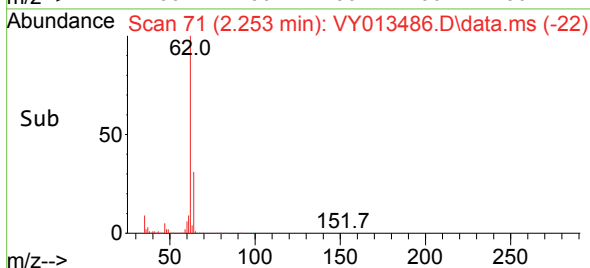
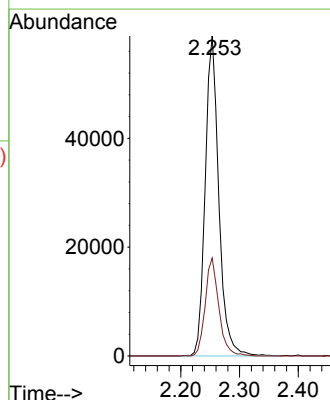
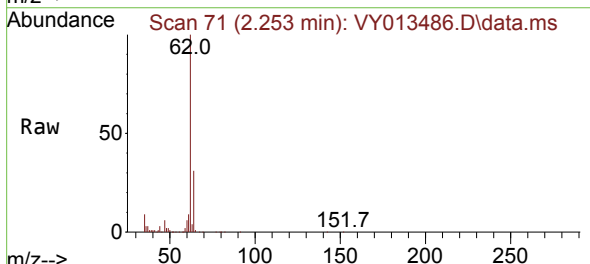
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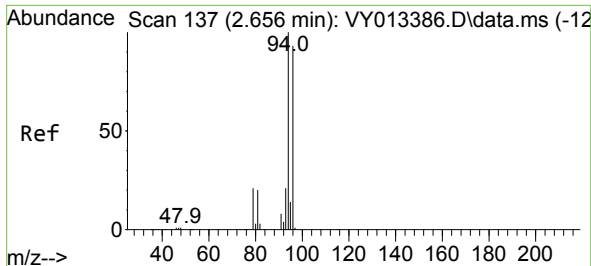
Tgt Ion: 50 Resp: 93513
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9



#4
Vinyl Chloride
Concen: 70.892 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Tgt Ion: 62 Resp: 94410
Ion Ratio Lower Upper
62 100
64 30.6 25.4 38.0

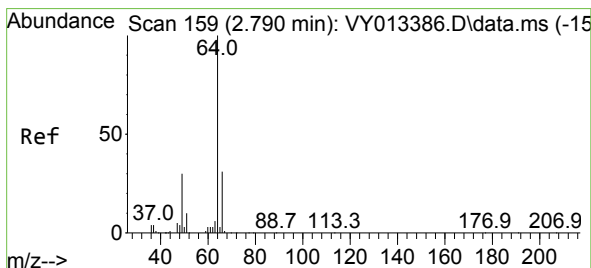
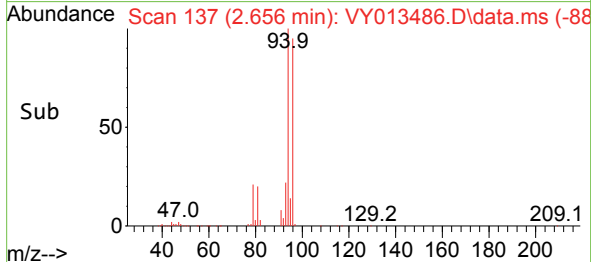
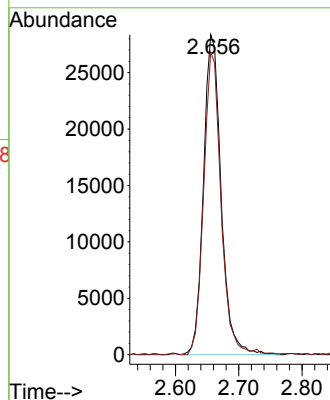
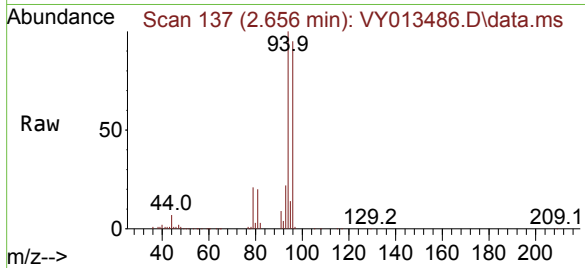




#5
Bromomethane
Concen: 51.947 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013486.D
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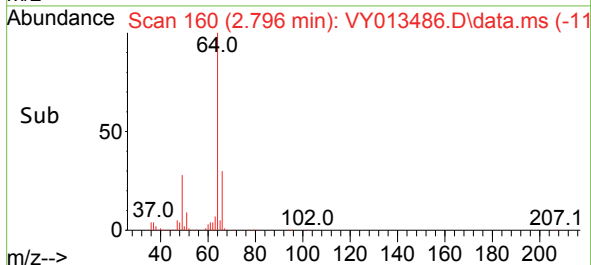
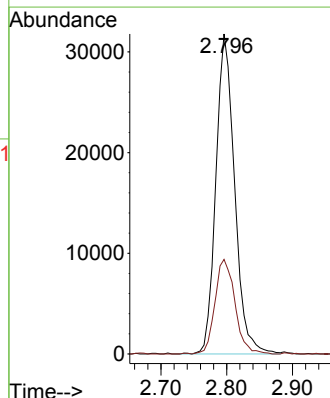
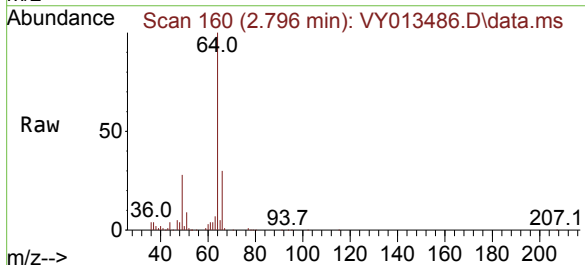
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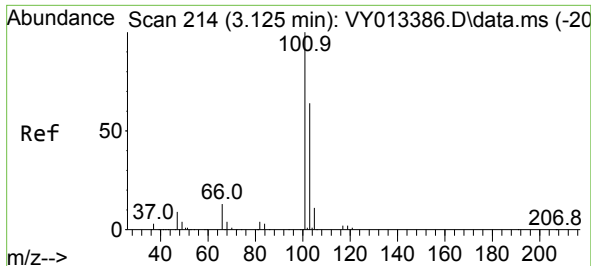
Tgt Ion: 94 Resp: 55129
Ion Ratio Lower Upper
94 100
96 94.6 74.2 111.2



#6
Chloroethane
Concen: 68.499 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
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Tgt Ion: 64 Resp: 63020
Ion Ratio Lower Upper
64 100
66 29.5 24.6 37.0

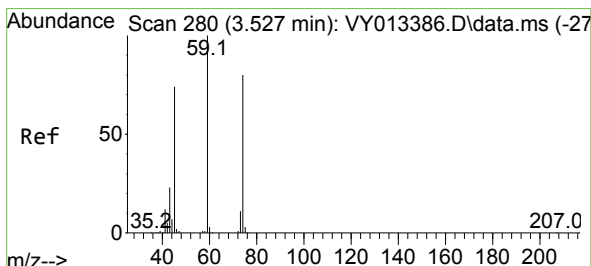
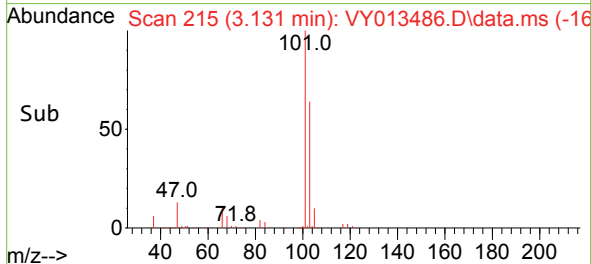
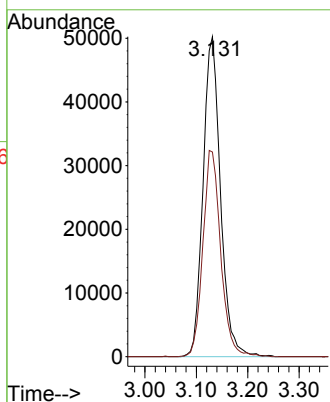
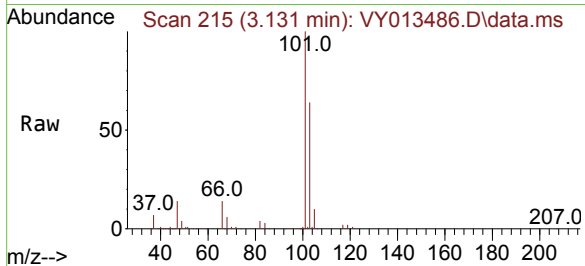




#7
 Trichlorofluoromethane
 Concen: 58.708 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY013486.D
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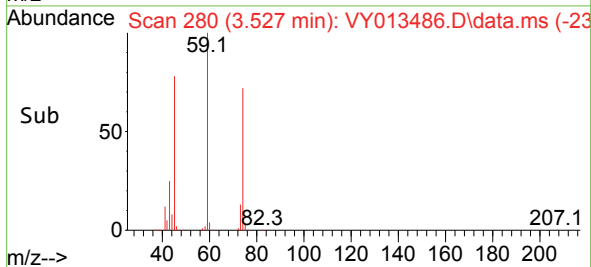
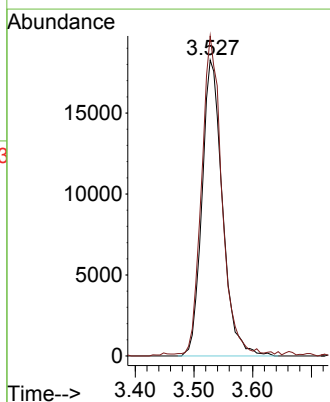
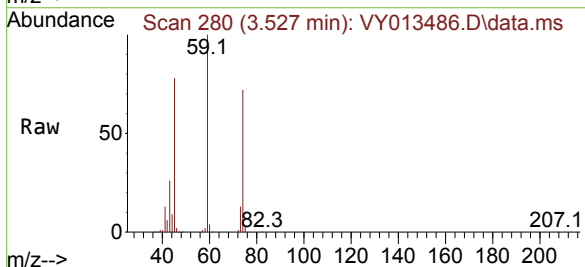
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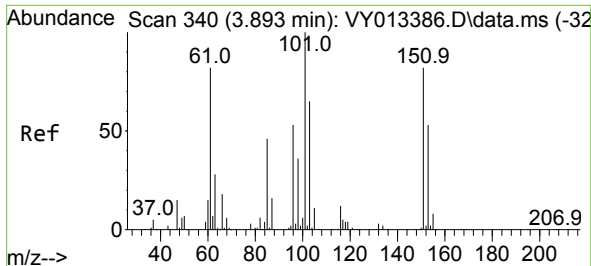
Tgt Ion:101 Resp: 118441
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.6 77.4



#8
 Diethyl Ether
 Concen: 64.501 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 44313
 Ion Ratio Lower Upper
 74 100
 45 105.7 48.2 144.6

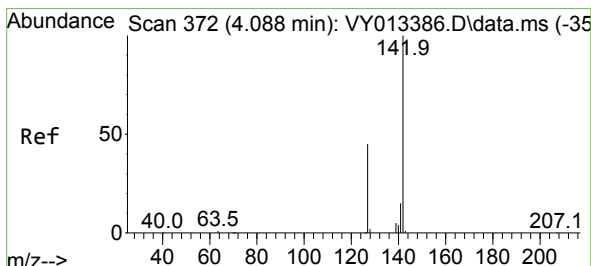
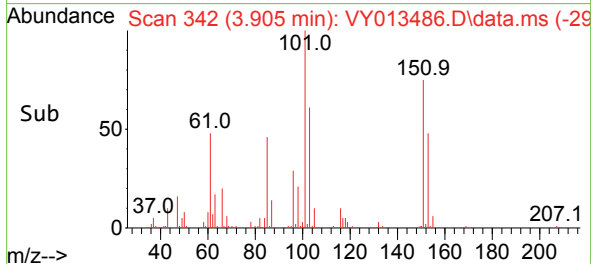
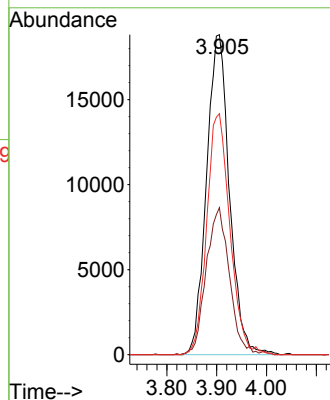
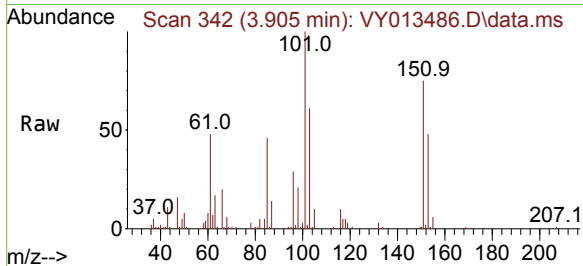




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.125 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

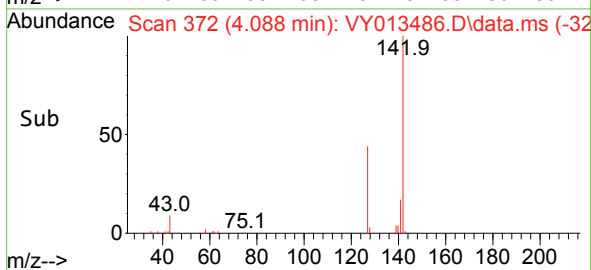
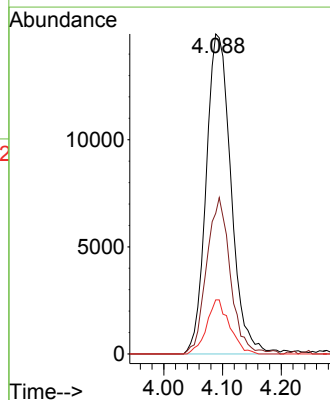
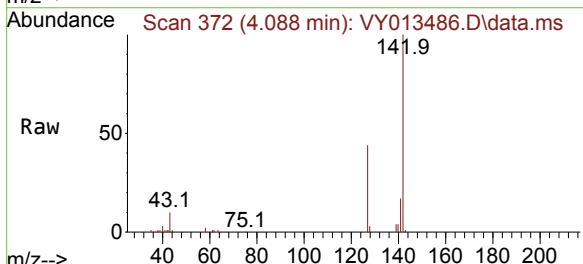
Instrument :
MSVOA_Y
ClientSampleId :
20230318-31-4MSD

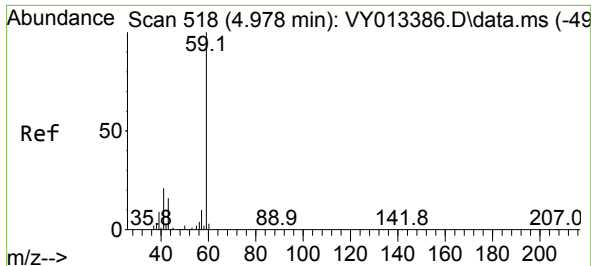
Tgt Ion:101 Resp: 60118
Ion Ratio Lower Upper
101 100
85 46.4 35.6 53.4
151 76.2 68.0 102.0



#10
Methyl Iodide
Concen: 30.864 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Tgt Ion:142 Resp: 43868
Ion Ratio Lower Upper
142 100
127 46.9 36.1 54.1
141 15.7 11.6 17.4

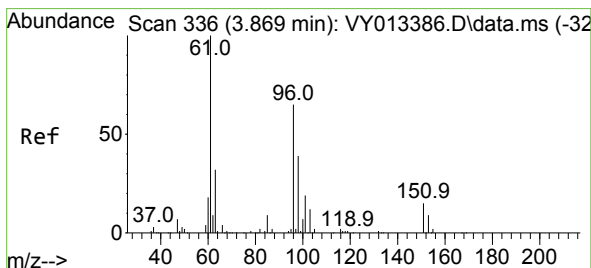
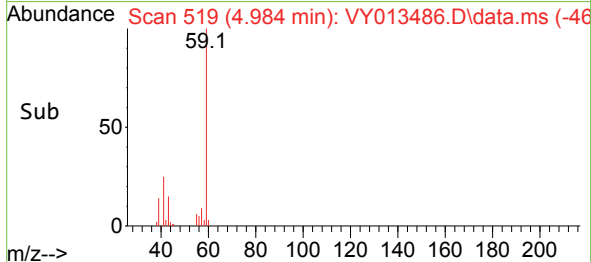
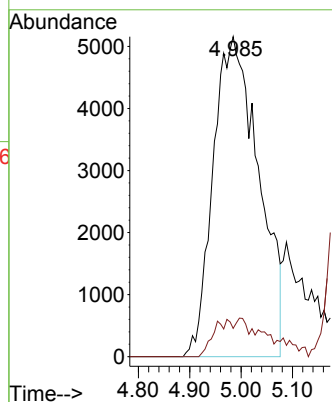
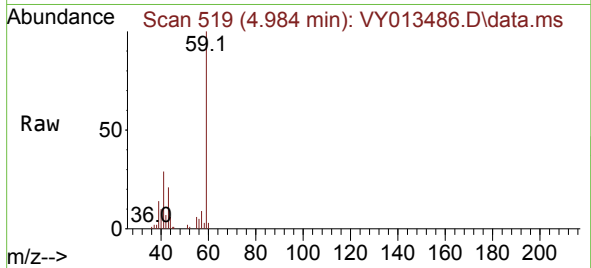




#11
Tert butyl alcohol
Concen: 245.110 ug/l
RT: 4.984 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

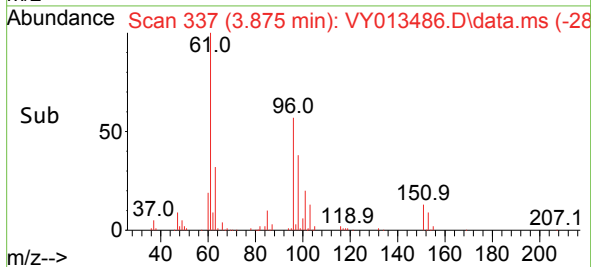
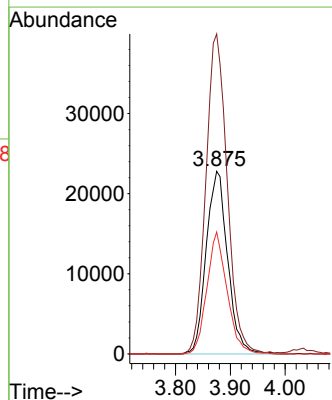
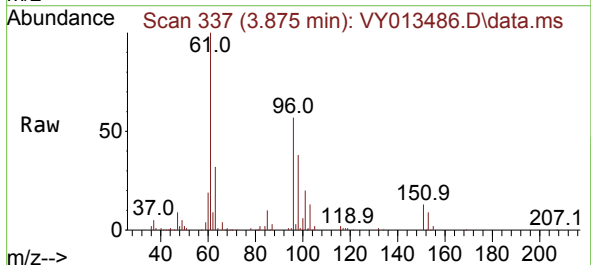
Instrument :
MSVOA_Y
ClientSampleId :
20230318-31-4MSD

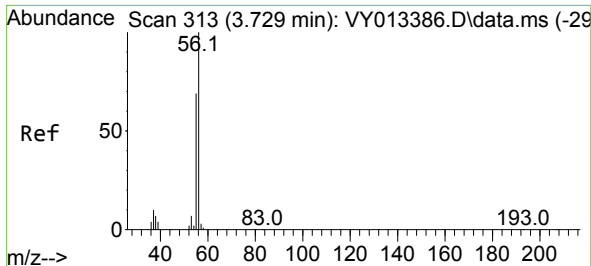
Tgt Ion: 59 Resp: 31763
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 56.672 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Tgt Ion: 96 Resp: 61818
Ion Ratio Lower Upper
96 100
61 175.1 123.9 185.9
98 66.7 48.9 73.3





#13

Acrolein

Concen: 7.909 ug/l

RT: 3.741 min Scan# 313

Delta R.T. 0.012 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

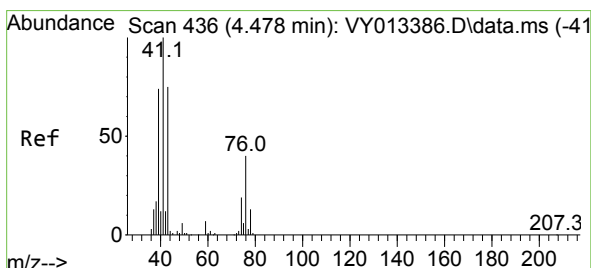
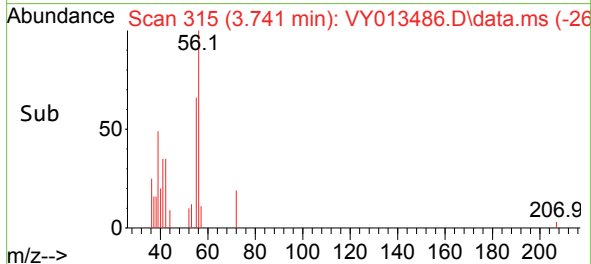
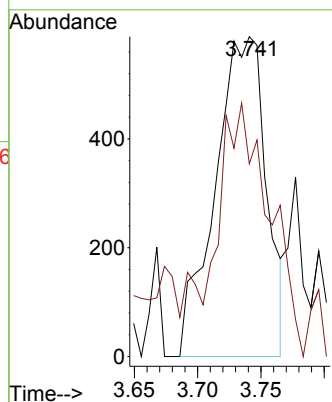
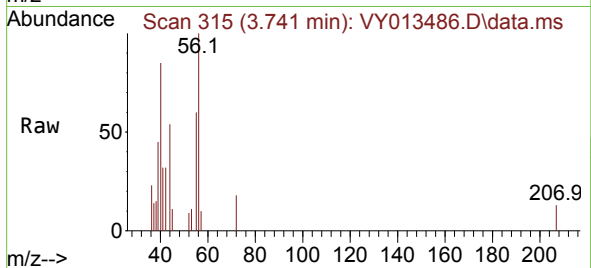
20230318-31-4MSD

Tgt Ion: 56 Resp: 1657

Ion Ratio Lower Upper

56 100

55 84.3 54.1 81.1#



#14

Allyl chloride

Concen: 50.475 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

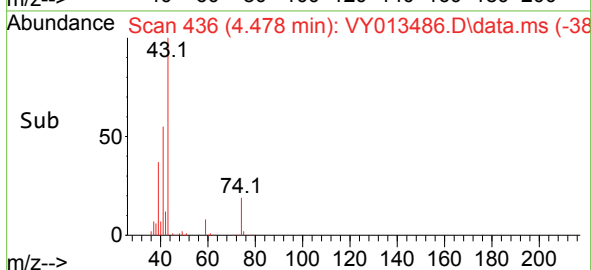
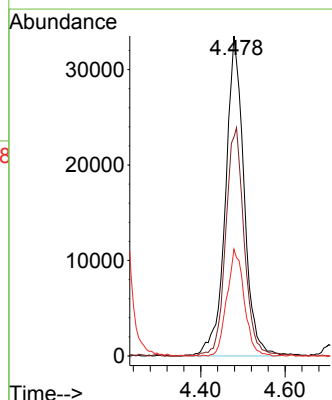
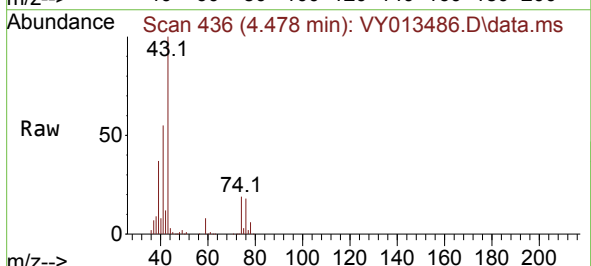
Tgt Ion: 41 Resp: 102162

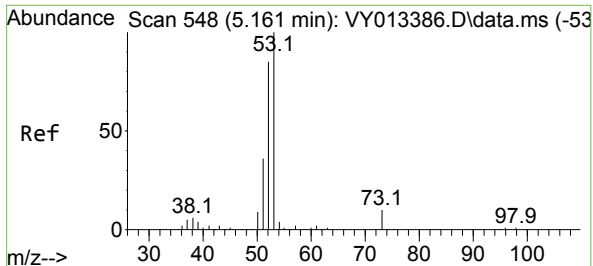
Ion Ratio Lower Upper

41 100

39 71.2 56.6 85.0

76 31.2 30.5 45.7

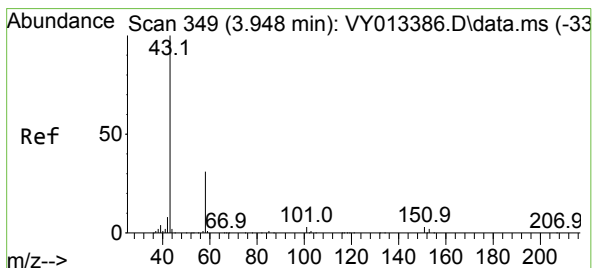
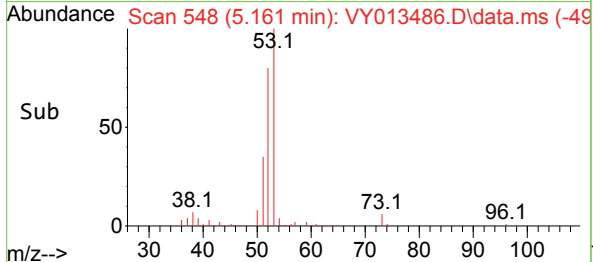
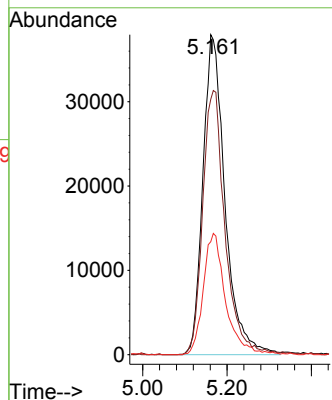
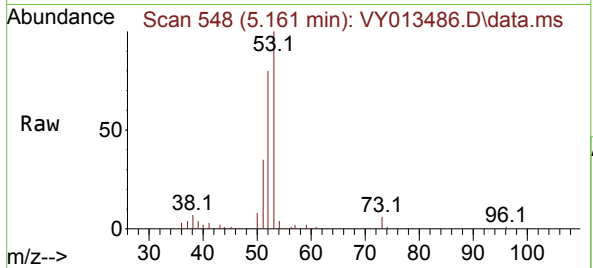




#15
Acrylonitrile
Concen: 359.272 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

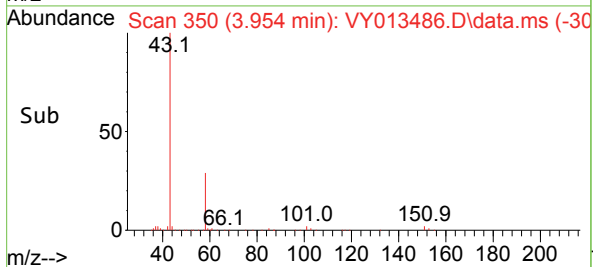
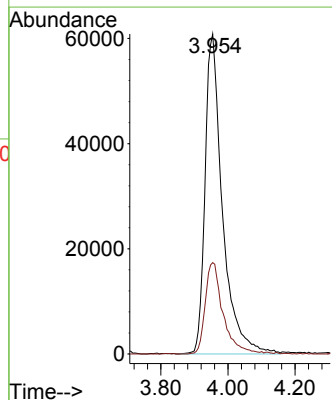
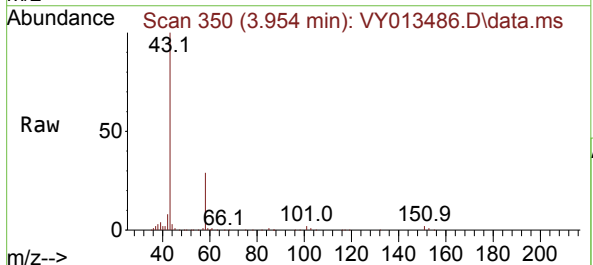
Instrument :
MSVOA_Y
ClientSampleId :
20230318-31-4MSD

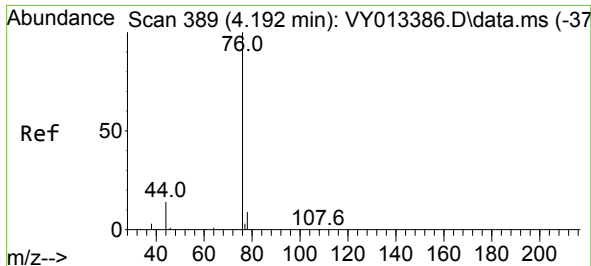
Tgt Ion: 53 Resp: 138231
Ion Ratio Lower Upper
53 100
52 83.9 65.4 98.0
51 38.4 29.3 43.9



#16
Acetone
Concen: 483.520 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Tgt Ion: 43 Resp: 219086
Ion Ratio Lower Upper
43 100
58 28.6 25.4 38.0

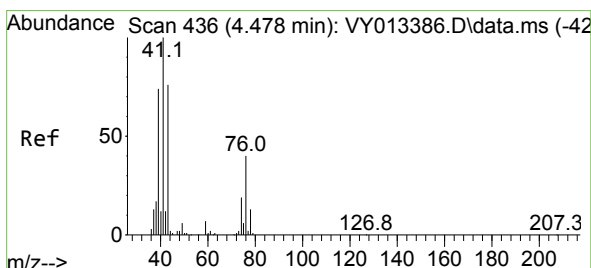
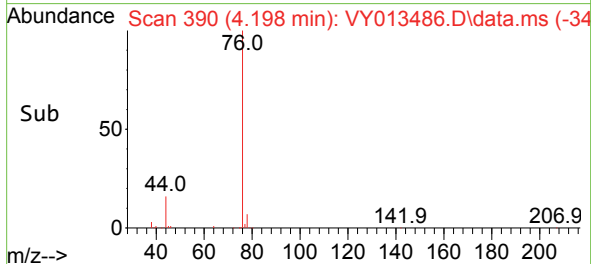
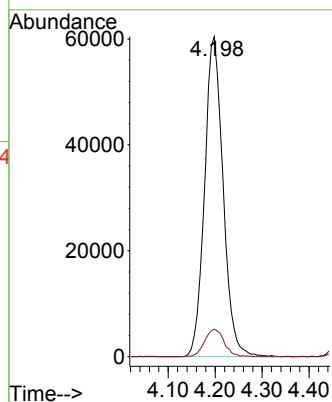
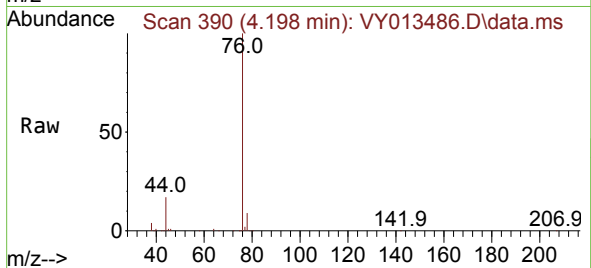




#17
Carbon Disulfide
Concen: 46.601 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

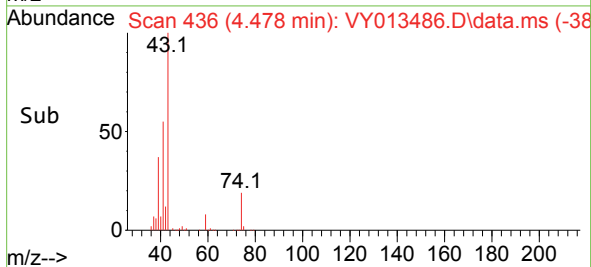
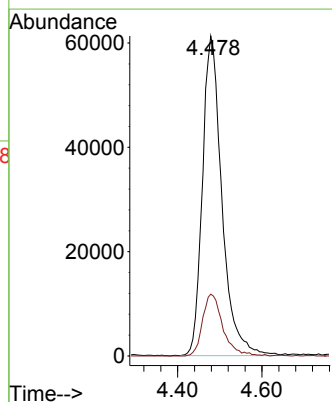
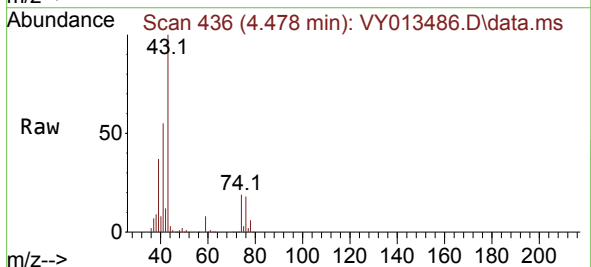
Instrument :
MSVOA_Y
ClientSampleId :
20230318-31-4MSD

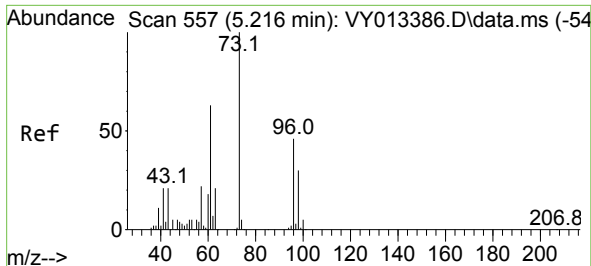
Tgt Ion: 76 Resp: 165122
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 131.941 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Tgt Ion: 43 Resp: 197452
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 69.698 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

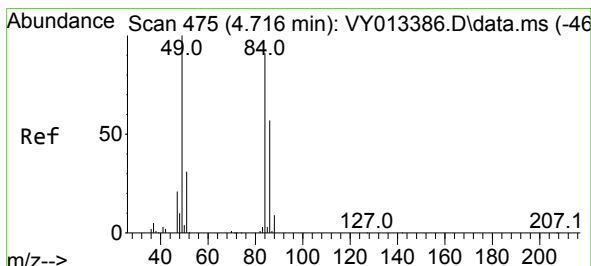
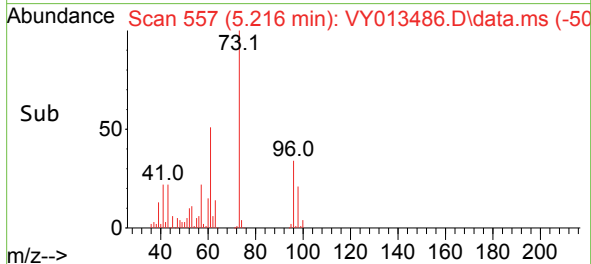
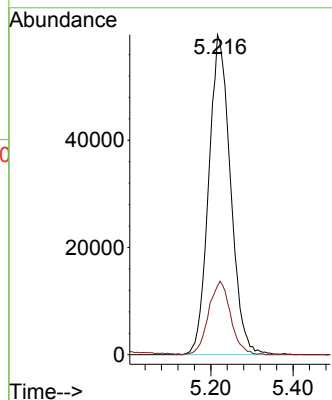
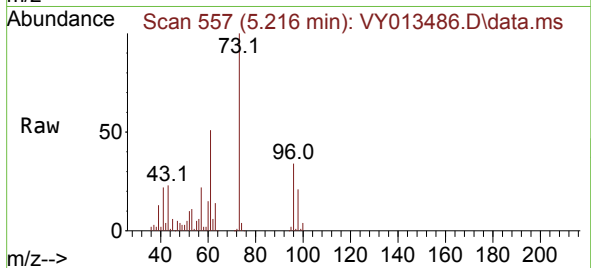
20230318-31-4MSD

Tgt Ion: 73 Resp: 219491

Ion Ratio Lower Upper

73 100

57 21.5 17.8 26.8



#20

Methylene Chloride

Concen: 68.732 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

Tgt Ion: 84 Resp: 93261

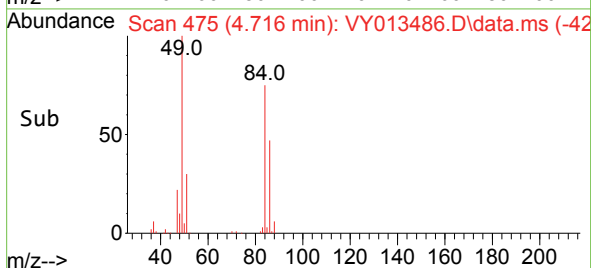
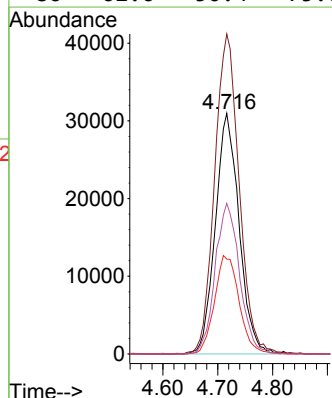
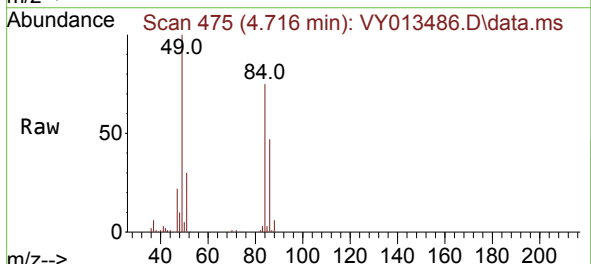
Ion Ratio Lower Upper

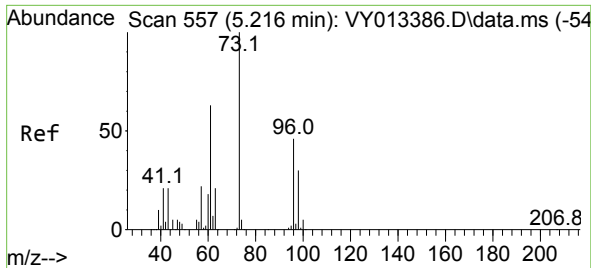
84 100

49 132.8 88.0 132.0#

51 39.4 27.4 41.0

86 62.6 50.4 75.6

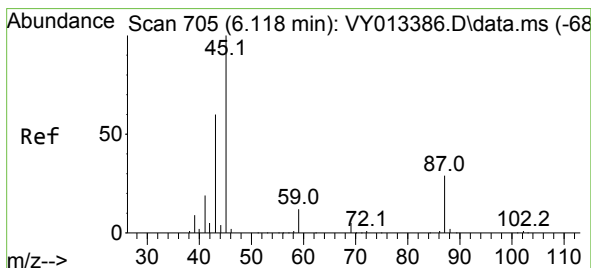
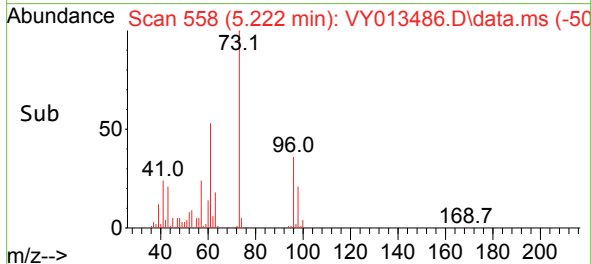
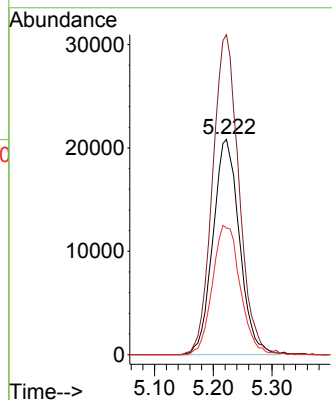
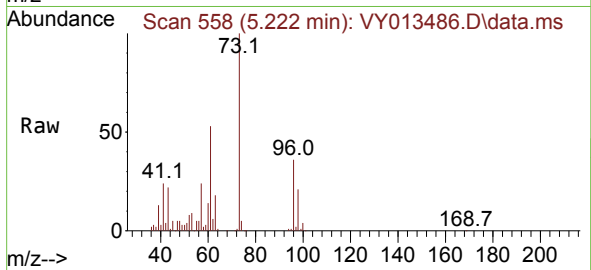




#21
trans-1,2-Dichloroethene
Concen: 54.761 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

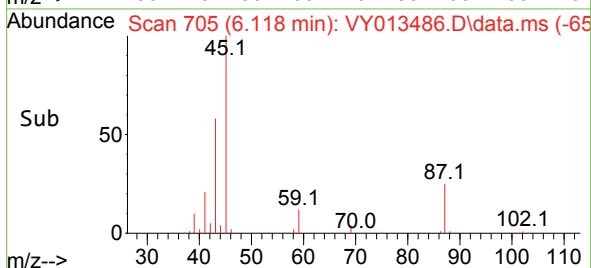
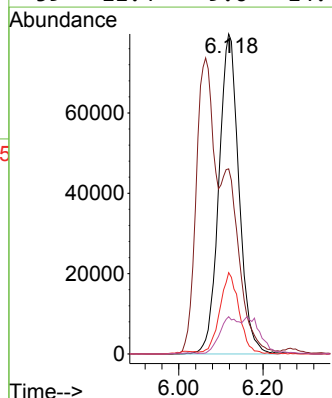
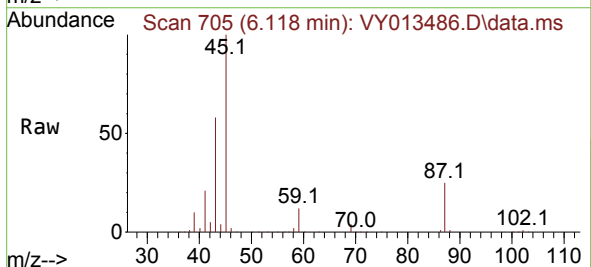
Instrument :
MSVOA_Y
ClientSampleId :
20230318-31-4MSD

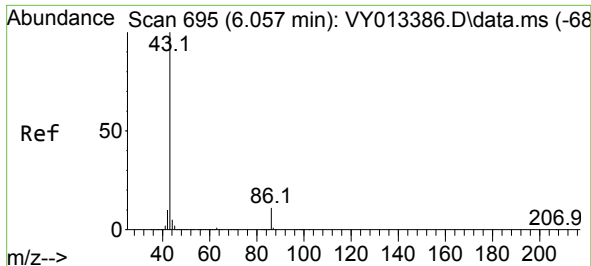
Tgt Ion: 96 Resp: 65312
Ion Ratio Lower Upper
96 100
61 148.6 110.6 165.8
98 58.8 53.1 79.7



#22
Diisopropyl ether
Concen: 66.378 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Tgt Ion: 45 Resp: 262595
Ion Ratio Lower Upper
45 100
43 57.5 48.4 72.6
87 25.3 23.8 35.6
59 11.4 9.6 14.4

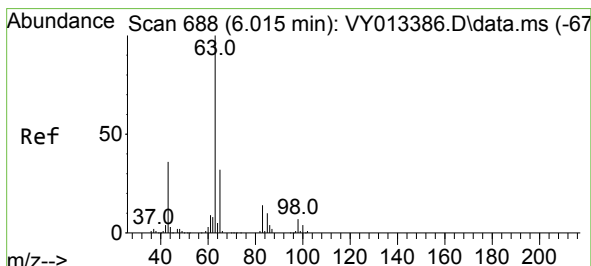
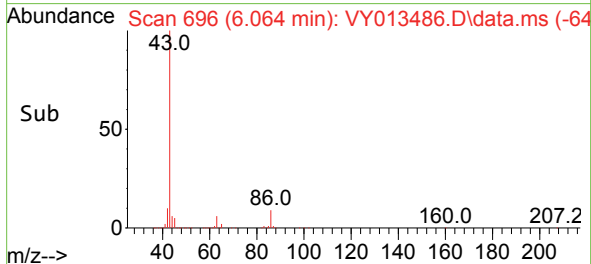
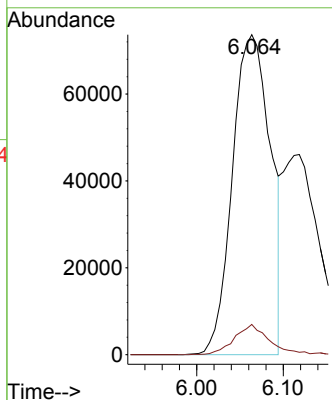
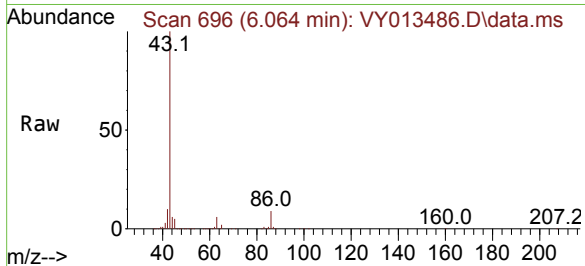




#23
 Vinyl Acetate
 Concen: 100.698 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.007 min
 Lab File: VY013486.D
 Acq: 26 Apr 2023 20:07

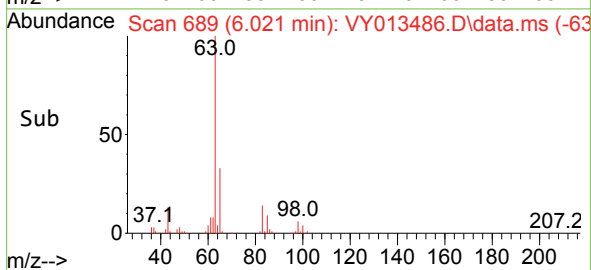
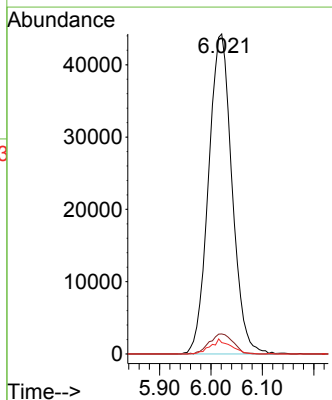
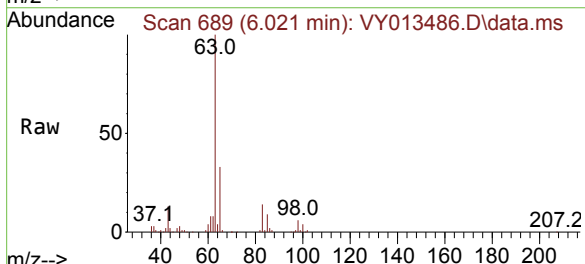
Instrument :
 MSVOA_Y
 ClientSampleId :
 20230318-31-4MSD

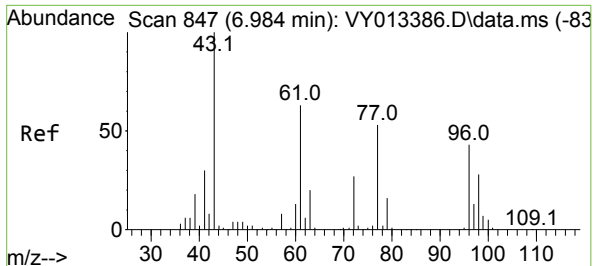
Tgt Ion: 43 Resp: 225555
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 63.625 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY013486.D
 Acq: 26 Apr 2023 20:07

Tgt Ion: 63 Resp: 140283
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.6
 100 3.6 2.2 6.6





#25

2-Butanone

Concen: 430.269 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

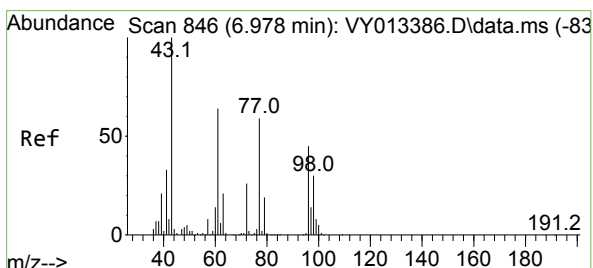
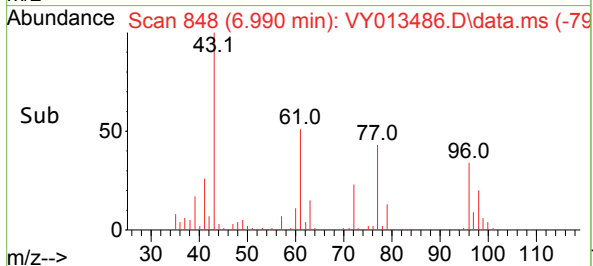
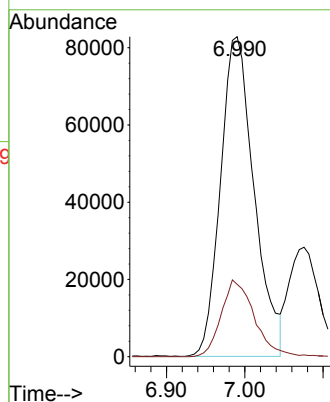
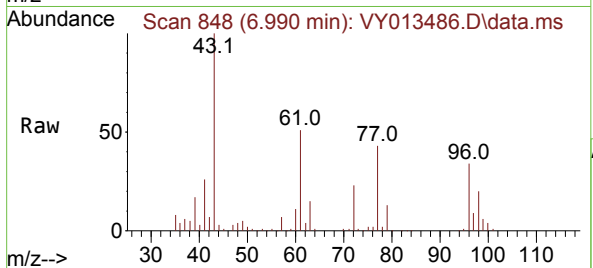
20230318-31-4MSD

Tgt Ion: 43 Resp: 247249

Ion Ratio Lower Upper

43 100

72 22.6 21.9 32.9



#26

2,2-Dichloropropane

Concen: 59.397 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY013486.D

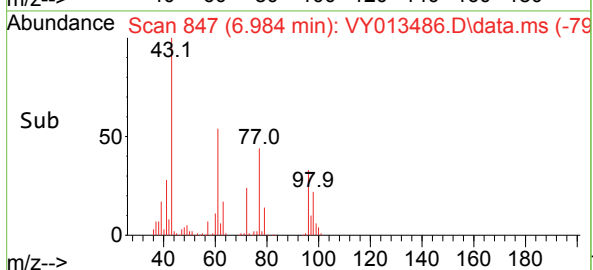
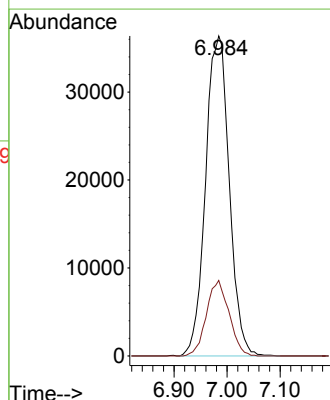
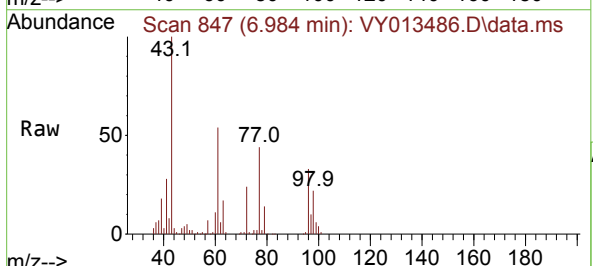
Acq: 26 Apr 2023 20:07

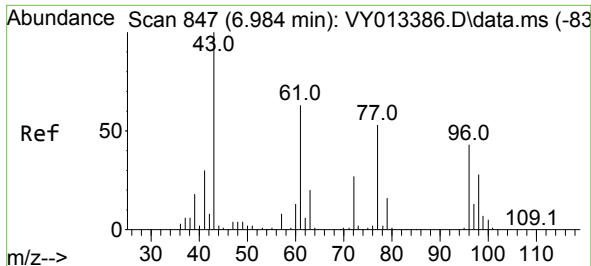
Tgt Ion: 77 Resp: 112849

Ion Ratio Lower Upper

77 100

97 22.6 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 59.022 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

20230318-31-4MSD

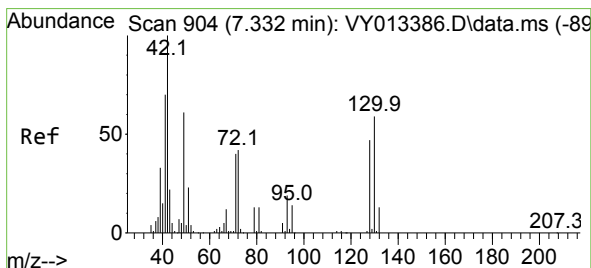
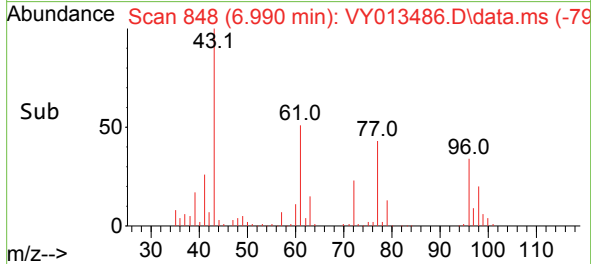
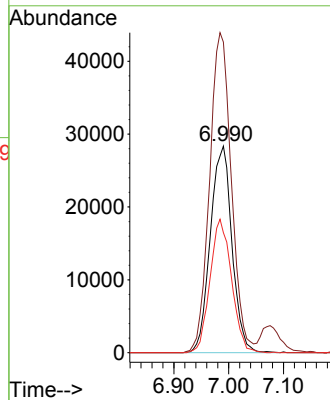
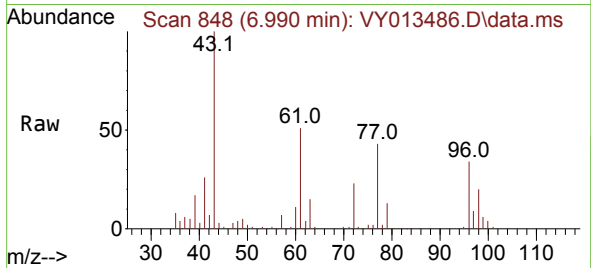
Tgt Ion: 96 Resp: 77776

Ion Ratio Lower Upper

96 100

61 155.5 0.0 285.0

98 64.2 0.0 130.6



#28

Bromochloromethane

Concen: 67.313 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

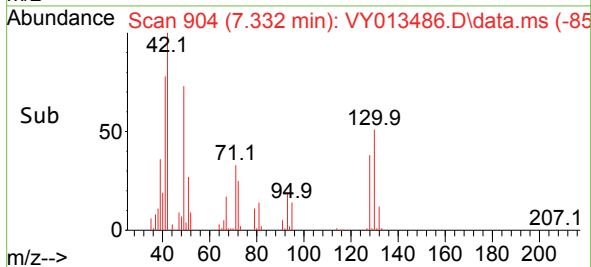
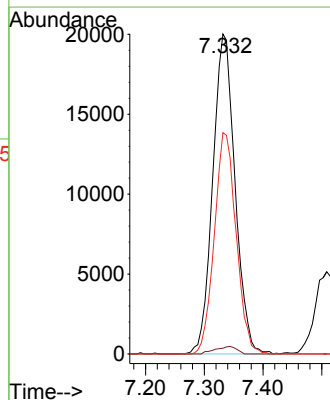
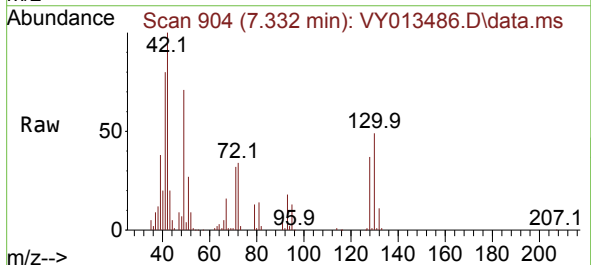
Tgt Ion: 49 Resp: 52667

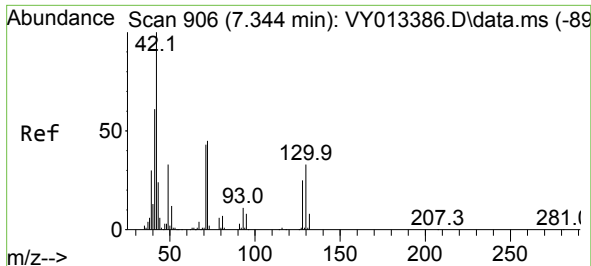
Ion Ratio Lower Upper

49 100

129 2.2 0.0 5.2

130 67.6 72.1 108.1#





#29

Tetrahydrofuran

Concen: 389.276 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013486.D

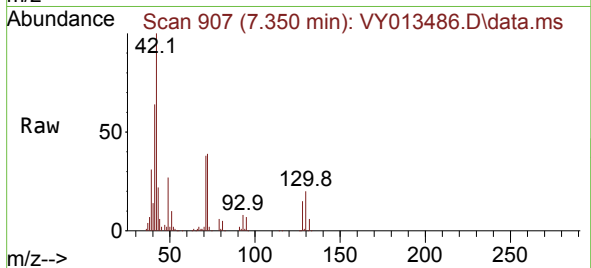
Acq: 26 Apr 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

20230318-31-4MSD



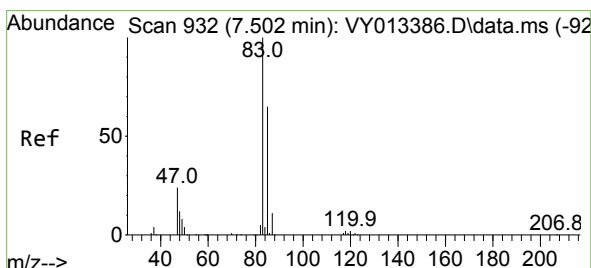
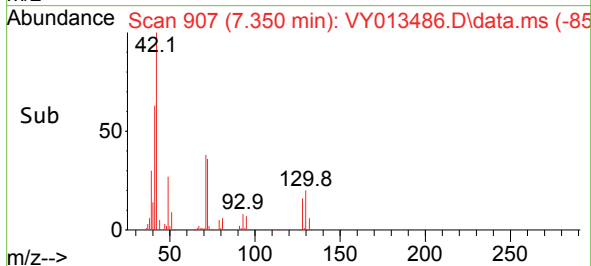
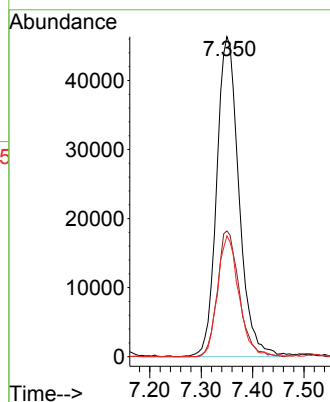
Tgt Ion: 42 Resp: 139244

Ion Ratio Lower Upper

42 100

72 38.5 35.9 53.9

71 36.2 34.3 51.5



#30

Chloroform

Concen: 63.130 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY013486.D

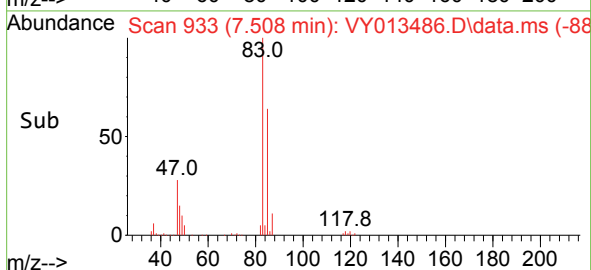
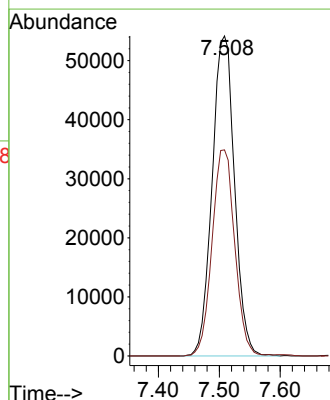
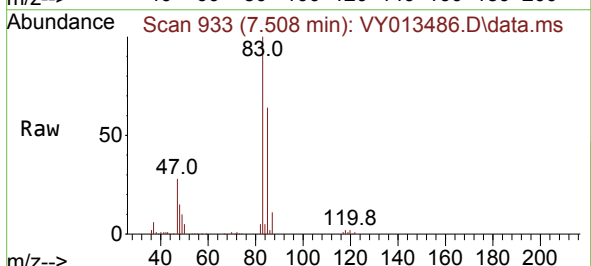
Acq: 26 Apr 2023 20:07

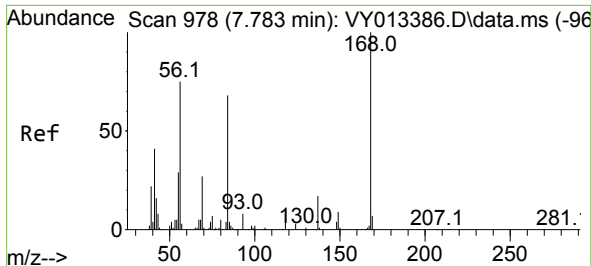
Tgt Ion: 83 Resp: 138392

Ion Ratio Lower Upper

83 100

85 64.4 52.0 78.0

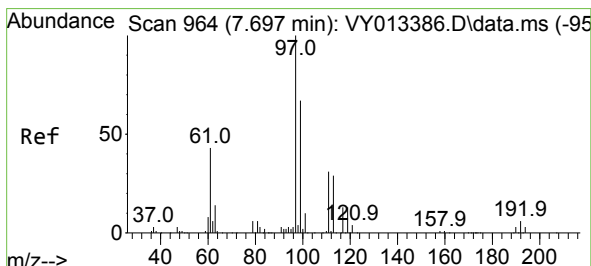
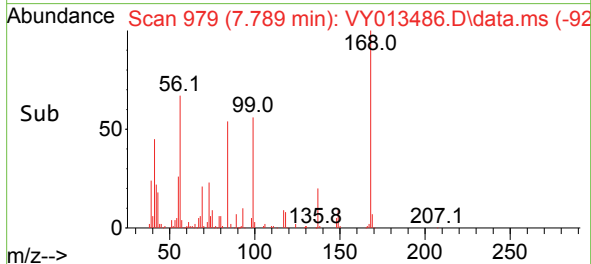
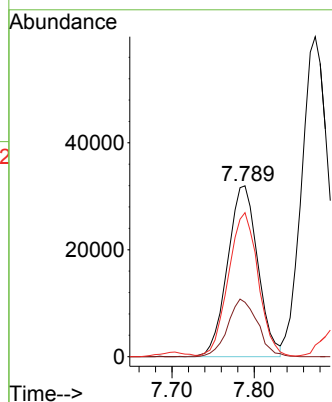
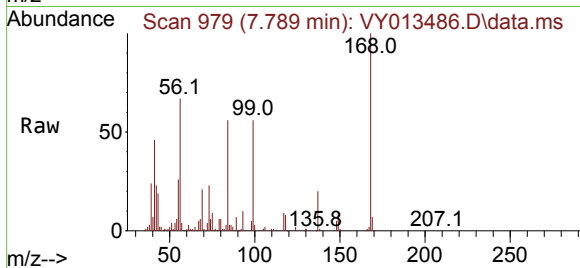




#31
Cyclohexane
Concen: 39.703 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

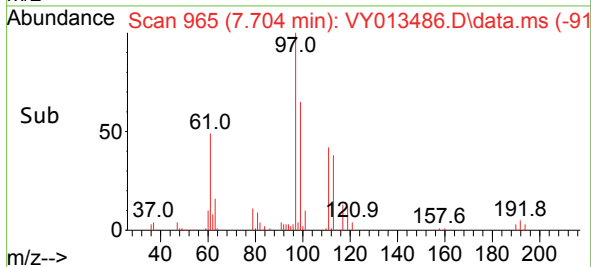
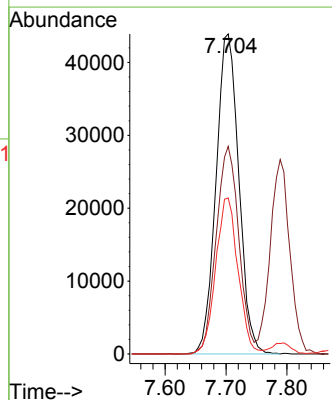
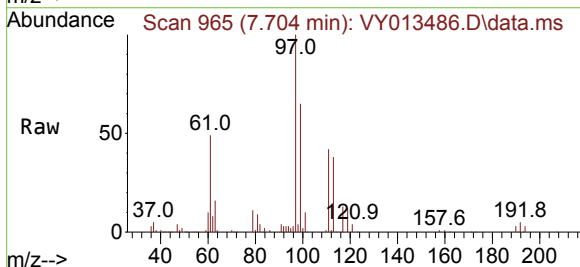
Instrument :
MSVOA_Y
ClientSampleId :
20230318-31-4MSD

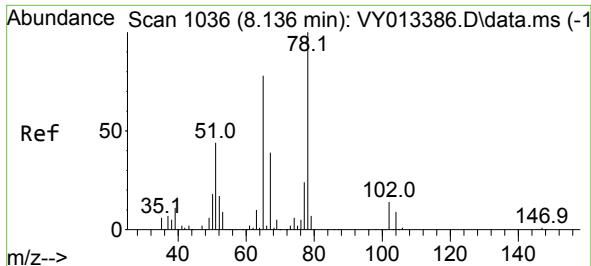
Tgt Ion:	56	Resp:	81788
Ion	Ratio	Lower	Upper
56	100		
69	31.6	29.2	43.8
84	82.2	73.0	109.6



#32
1,1,1-Trichloroethane
Concen: 58.369 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Tgt Ion:	97	Resp:	114180
Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.2	78.2
61	47.9	33.8	50.8

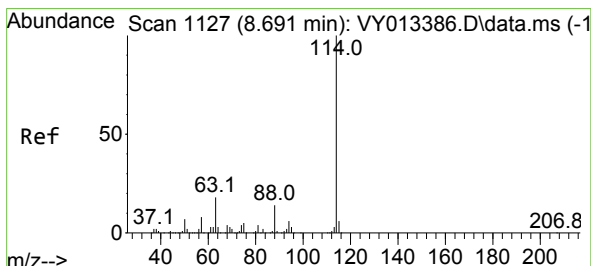
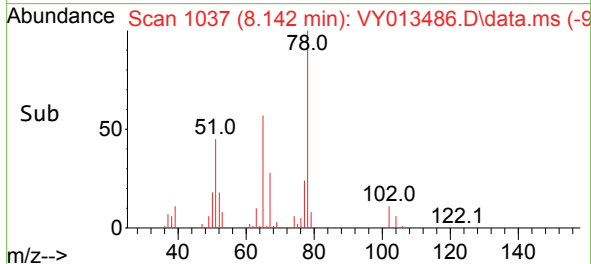
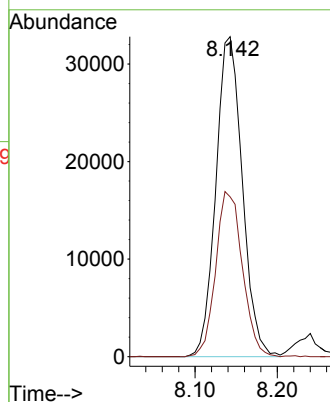
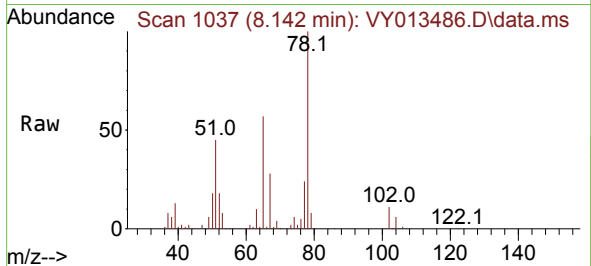




#33
1,2-Dichloroethane-d4
Concen: 63.831 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

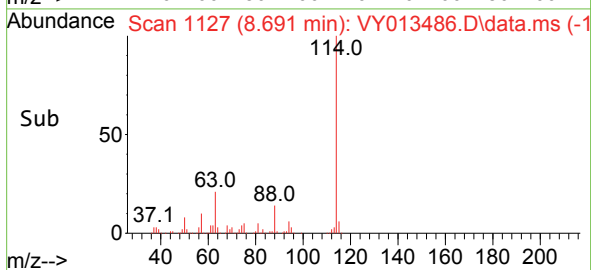
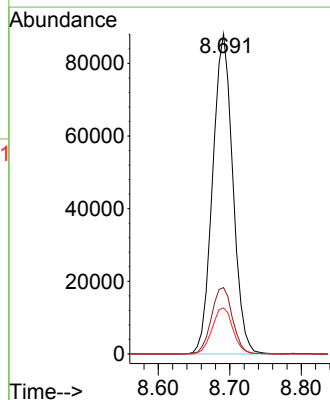
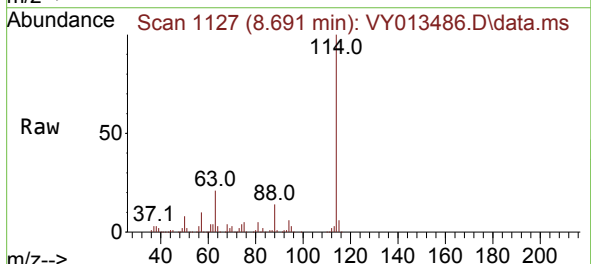
Instrument :
MSVOA_Y
ClientSampleId :
20230318-31-4MSD

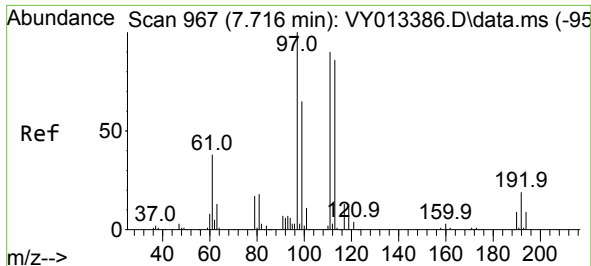
Tgt Ion: 65 Resp: 73442
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Tgt Ion: 114 Resp: 172361
Ion Ratio Lower Upper
114 100
63 20.7 0.0 36.6
88 14.4 0.0 28.8

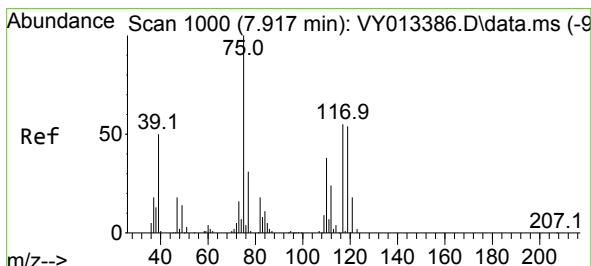
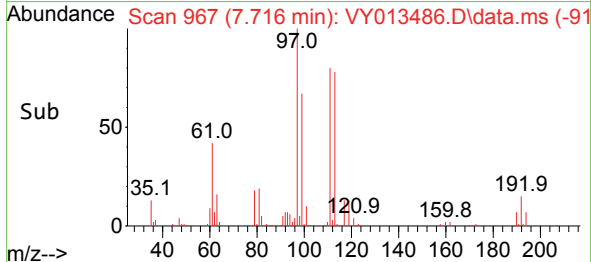
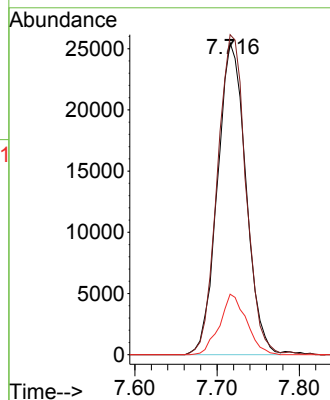
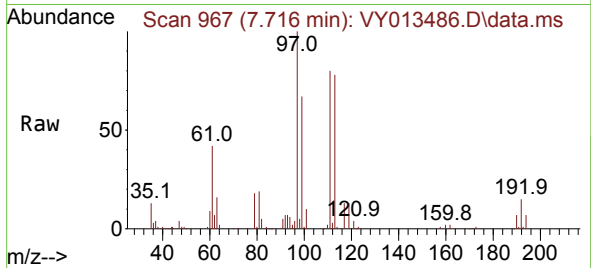




#35
Dibromofluoromethane
Concen: 56.429 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

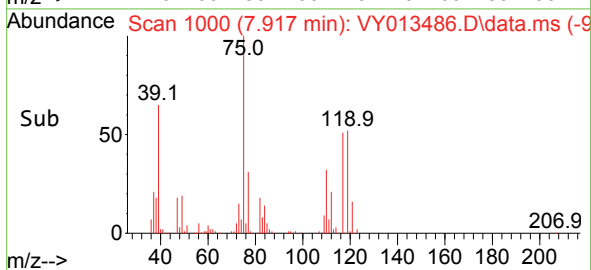
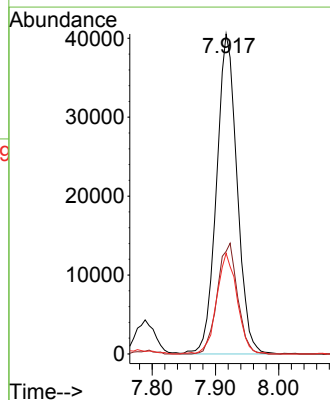
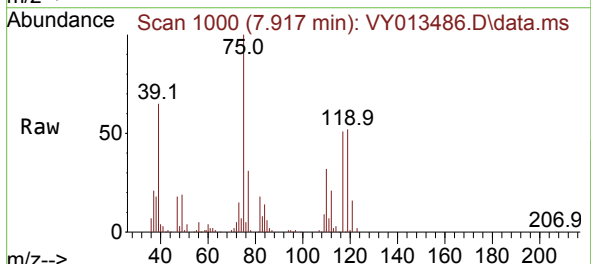
Instrument :
MSVOA_Y
ClientSampleId :
20230318-31-4MSD

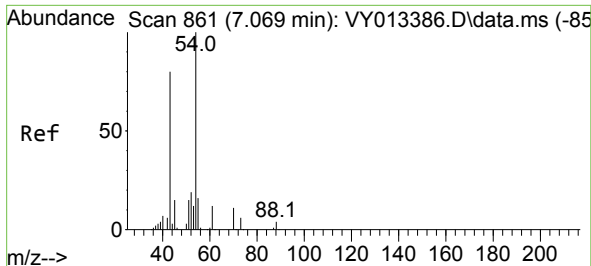
Tgt Ion:113 Resp: 61173
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 18.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 50.765 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Tgt Ion: 75 Resp: 91335
Ion Ratio Lower Upper
75 100
110 34.1 18.7 56.1
77 31.3 24.6 37.0





#37

Ethyl Acetate

Concen: 57.884 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.007 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

20230318-31-4MSD

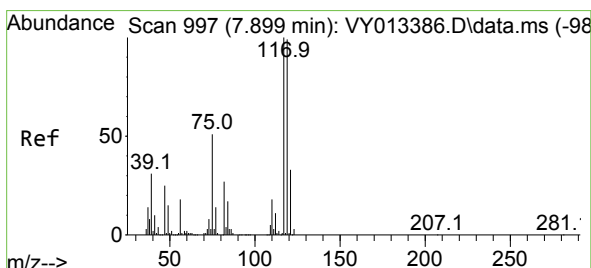
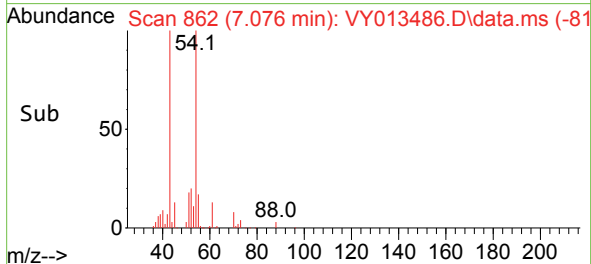
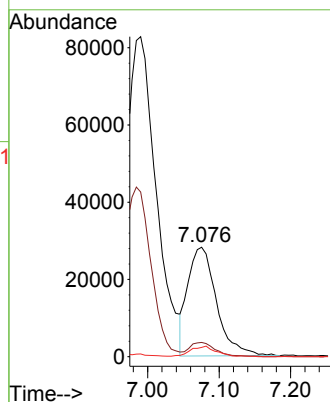
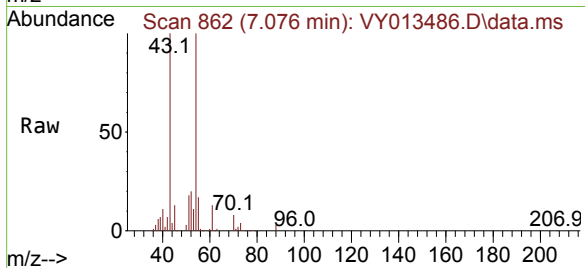
Tgt Ion: 43 Resp: 78371

Ion Ratio Lower Upper

43 100

61 12.3 11.4 17.0

70 8.9 7.9 11.9



#38

Carbon Tetrachloride

Concen: 43.290 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

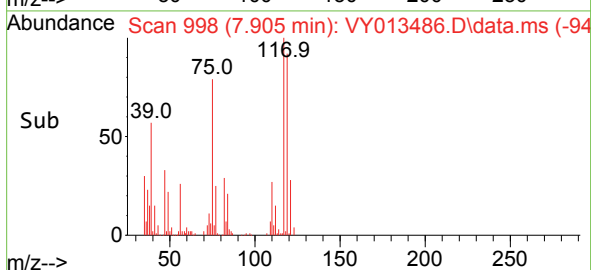
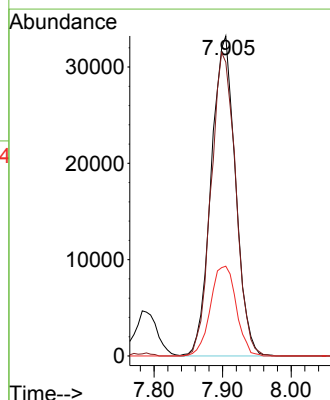
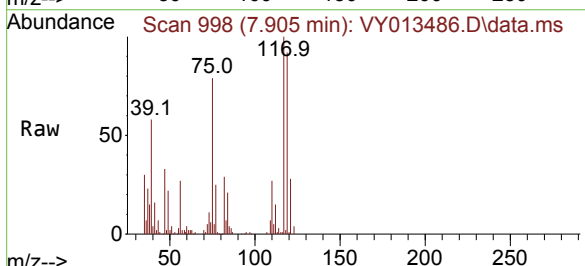
Tgt Ion: 117 Resp: 81633

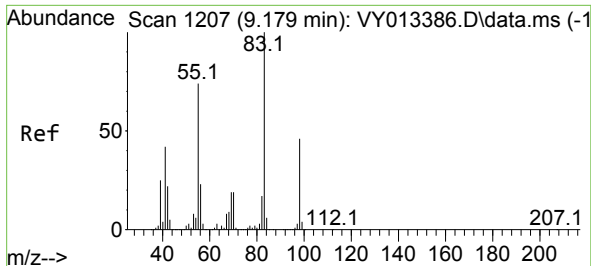
Ion Ratio Lower Upper

117 100

119 91.8 79.0 118.6

121 28.1 26.6 40.0

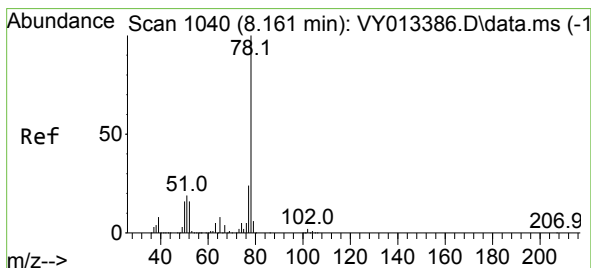
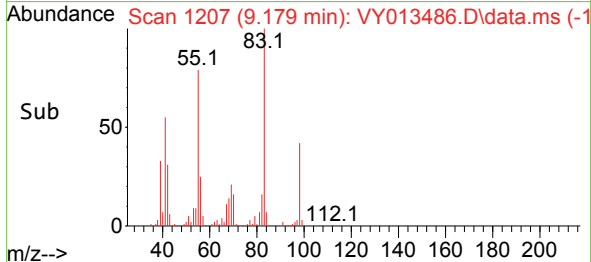
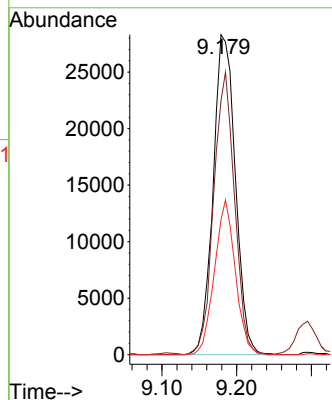
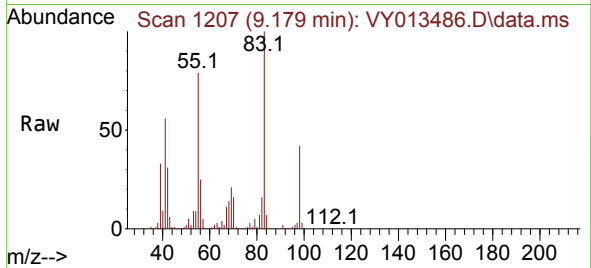




#39
Methylcyclohexane
Concen: 27.650 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

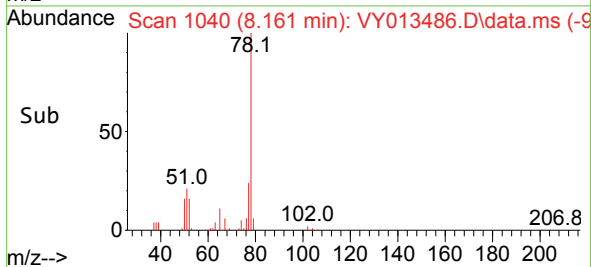
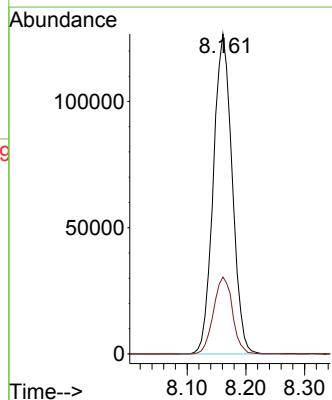
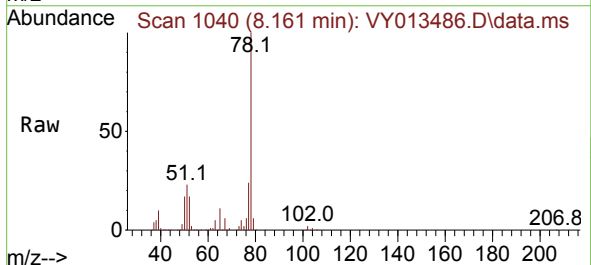
Instrument :
MSVOA_Y
ClientSampleId :
20230318-31-4MSD

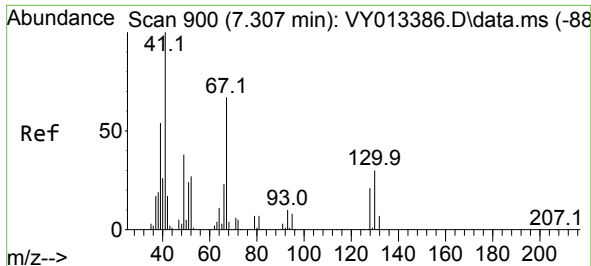
Tgt Ion: 83 Resp: 58647
Ion Ratio Lower Upper
83 100
55 79.2 59.0 88.4
98 42.1 37.0 55.4



#40
Benzene
Concen: 55.664 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

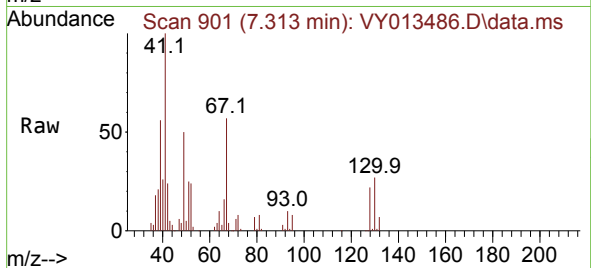
Tgt Ion: 78 Resp: 282105
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8



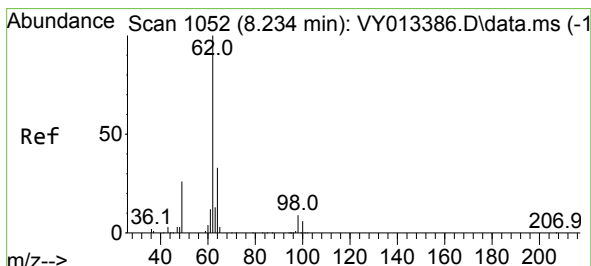
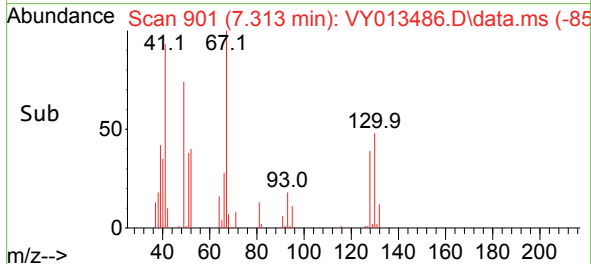
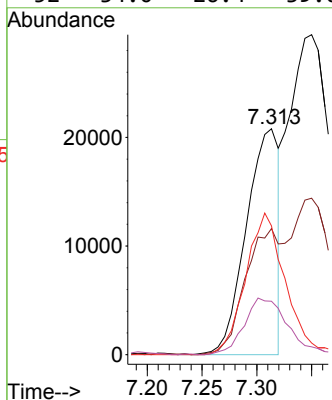


#41
Methacrylonitrile
Concen: 68.480 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Instrument :
MSVOA_Y
ClientSampleId :
20230318-31-4MSD

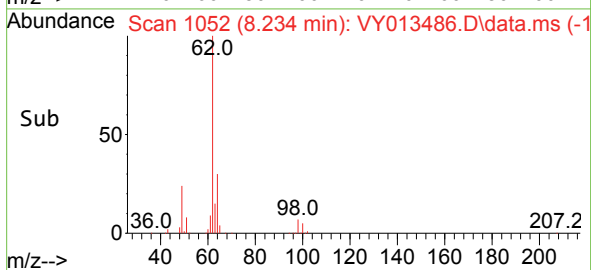
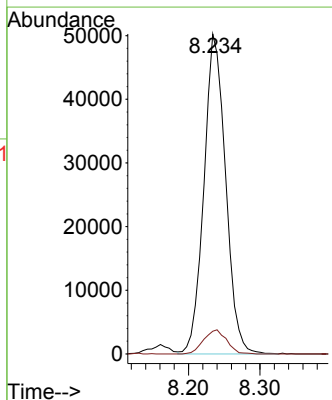
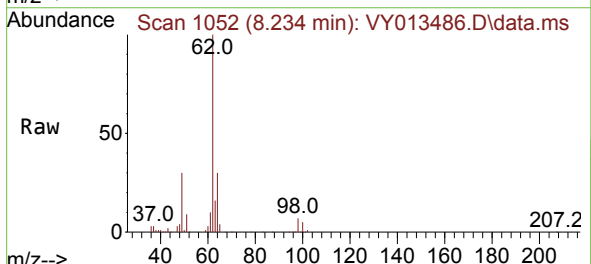


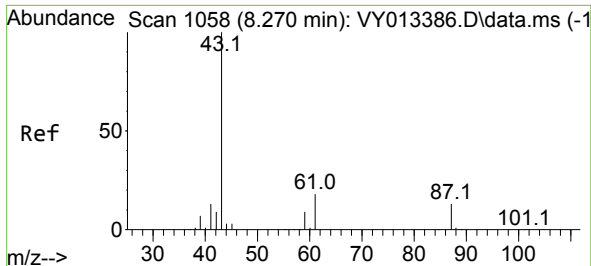
Tgt Ion: 41 Resp: 43206
Ion Ratio Lower Upper
41 100
39 56.9 44.2 66.4
67 76.7 62.9 94.3
52 34.0 26.4 39.6



#42
1,2-Dichloroethane
Concen: 63.940 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Tgt Ion: 62 Resp: 105943
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.8

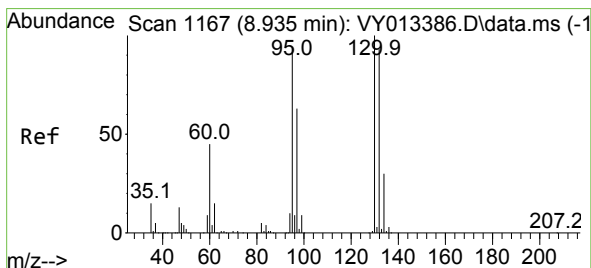
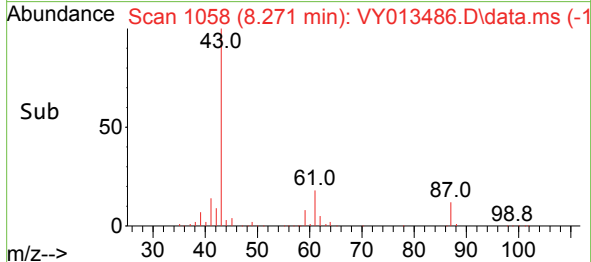
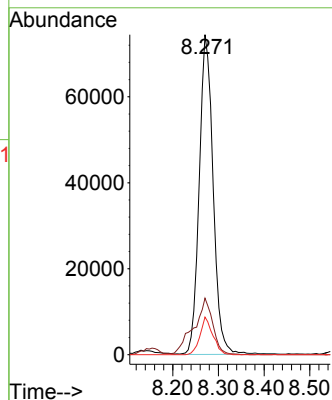
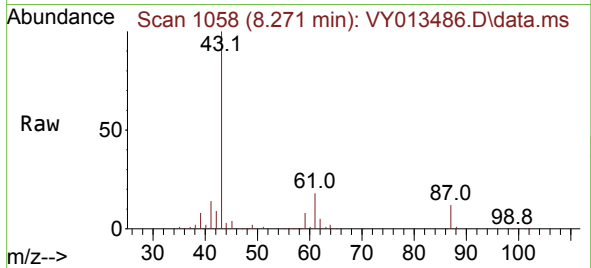




#43
Isopropyl Acetate
Concen: 68.934 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

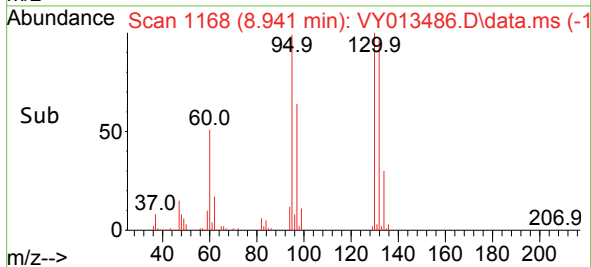
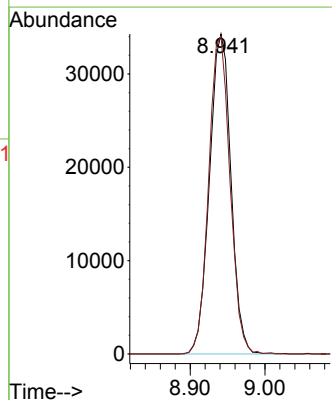
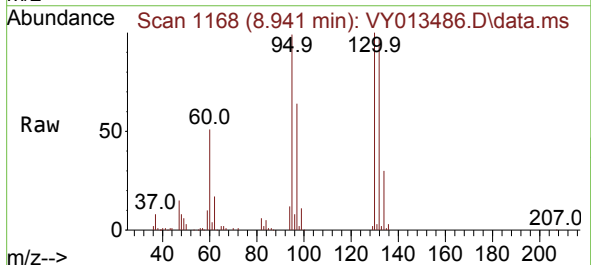
Instrument :
MSVOA_Y
ClientSampleId :
20230318-31-4MSD

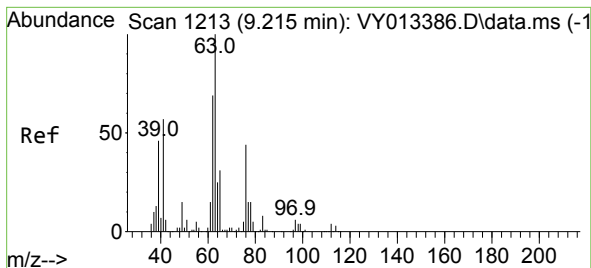
Tgt Ion: 43 Resp: 157535
Ion Ratio Lower Upper
43 100
61 24.1 22.2 33.4
87 10.8 11.0 16.6#



#44
Trichloroethene
Concen: 50.677 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Tgt Ion:130 Resp: 68317
Ion Ratio Lower Upper
130 100
95 99.4 0.0 188.8





#45

1,2-Dichloropropane

Concen: 59.636 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

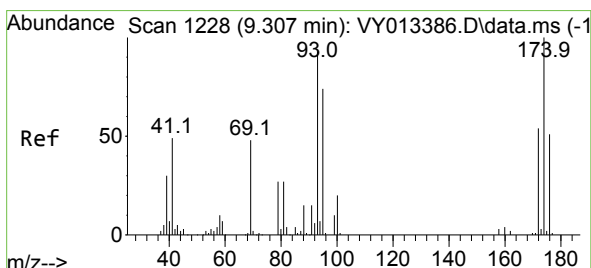
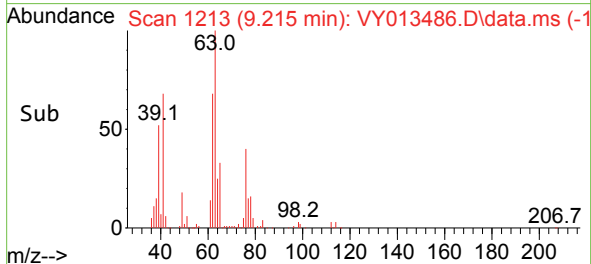
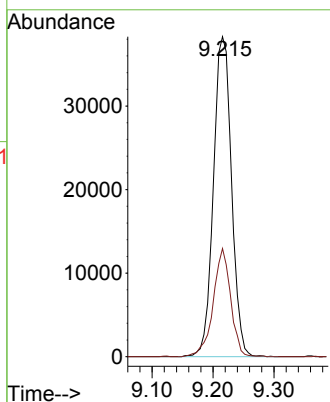
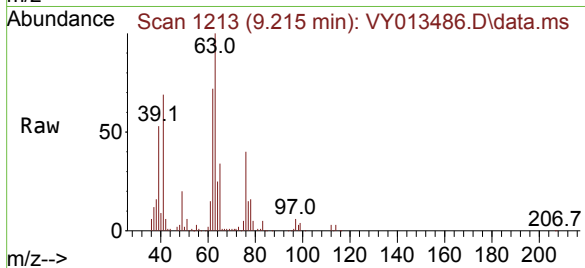
20230318-31-4MSD

Tgt Ion: 63 Resp: 79024

Ion Ratio Lower Upper

63 100

65 33.8 24.6 37.0



#46

Dibromomethane

Concen: 64.144 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

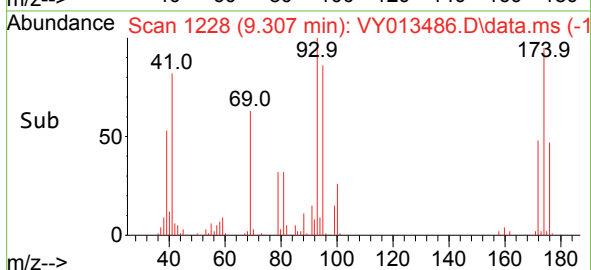
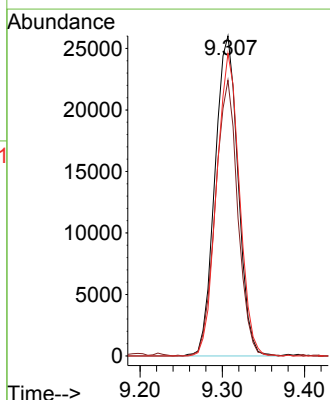
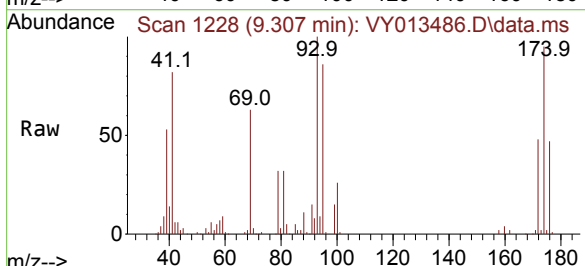
Tgt Ion: 93 Resp: 50858

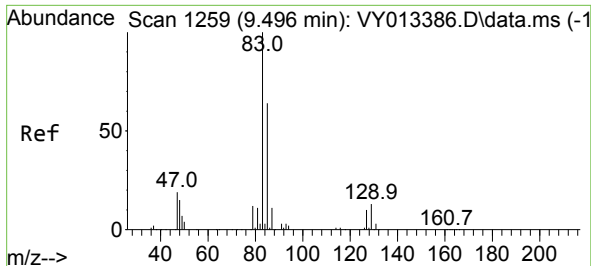
Ion Ratio Lower Upper

93 100

95 83.5 67.1 100.7

174 93.1 87.0 130.4

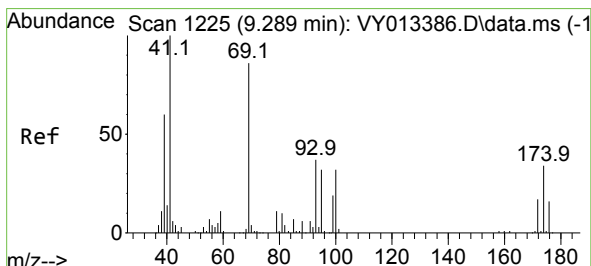
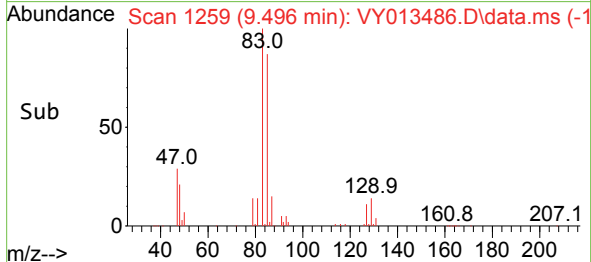
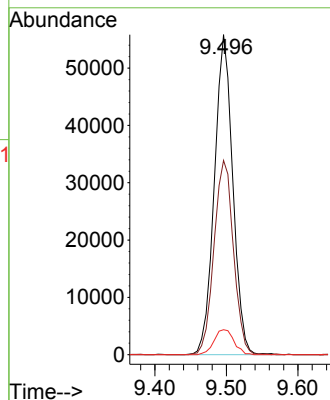
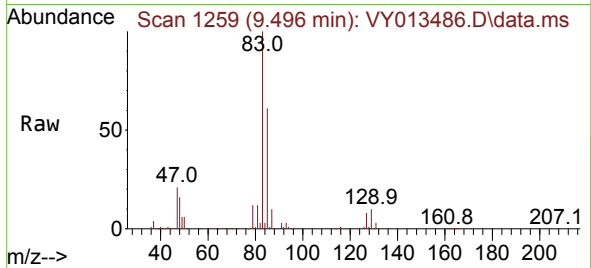




#47
Bromodichloromethane
Concen: 56.283 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

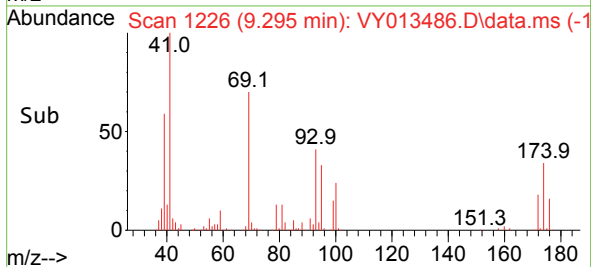
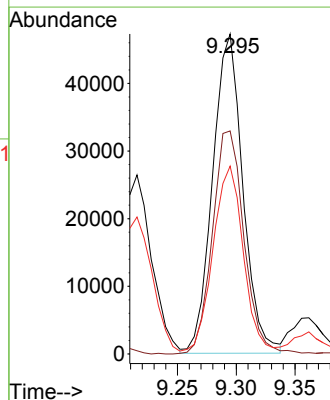
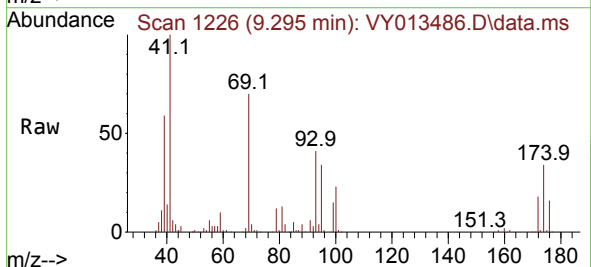
Instrument :
MSVOA_Y
ClientSampleId :
20230318-31-4MSD

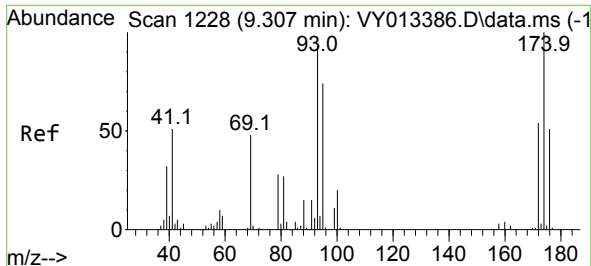
Tgt Ion: 83 Resp: 99854
Ion Ratio Lower Upper
83 100
85 60.7 51.4 77.2
127 7.8 8.1 12.1#



#48
Methyl methacrylate
Concen: 80.633 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Tgt Ion: 41 Resp: 84629
Ion Ratio Lower Upper
41 100
69 72.9 70.2 105.4
39 59.3 47.9 71.9





#49

1,4-Dioxane

Concen: 992.425 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013486.D

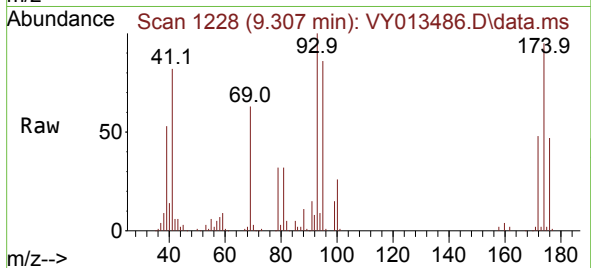
Acq: 26 Apr 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

20230318-31-4MSD



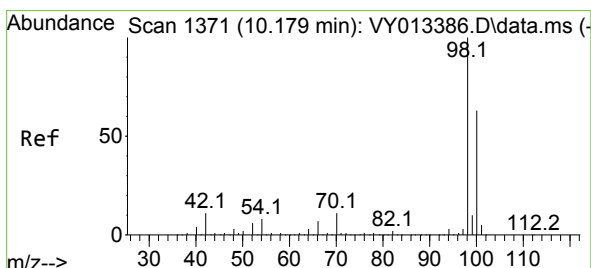
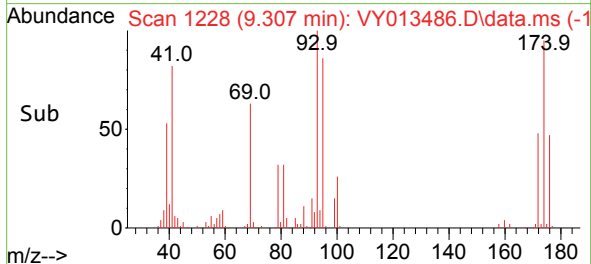
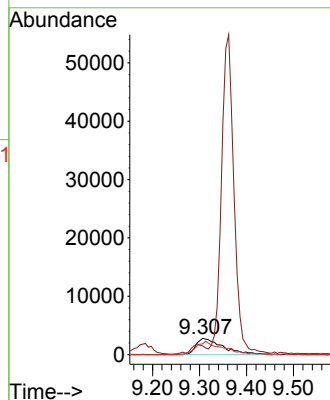
Tgt Ion: 88 Resp: 11238

Ion Ratio Lower Upper

88 100

43 33.5 16.8 25.2#

58 82.3 54.3 81.5#



#50

Toluene-d8

Concen: 46.560 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013486.D

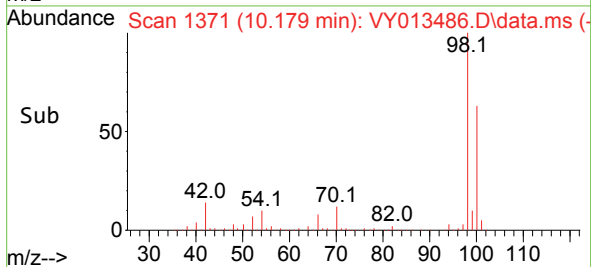
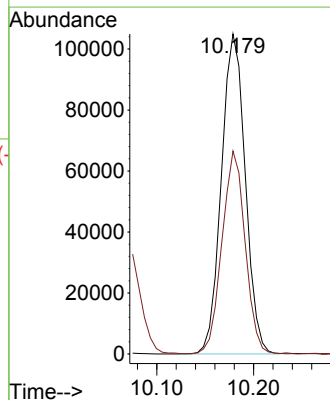
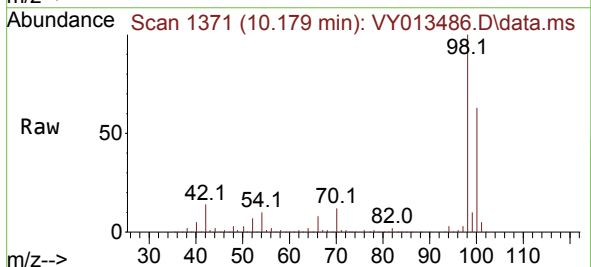
Acq: 26 Apr 2023 20:07

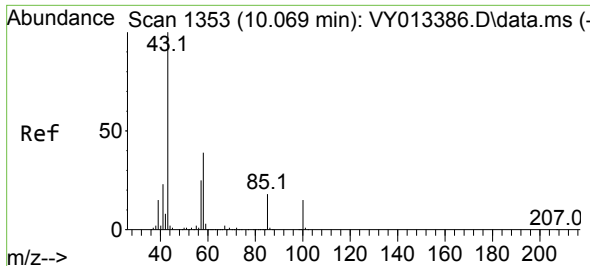
Tgt Ion: 98 Resp: 179557

Ion Ratio Lower Upper

98 100

100 61.6 50.5 75.7

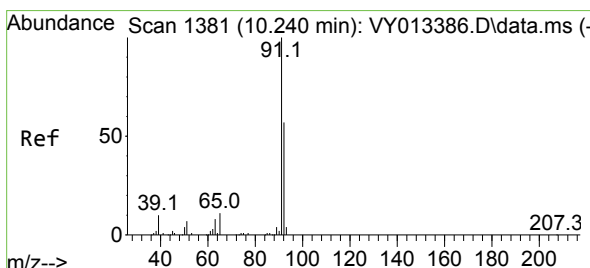
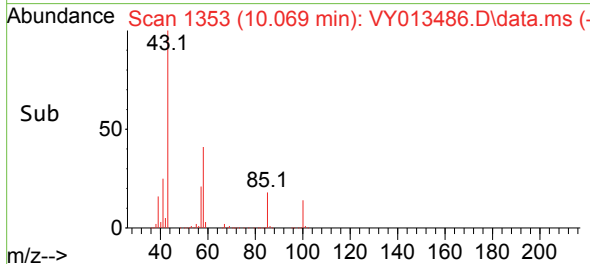
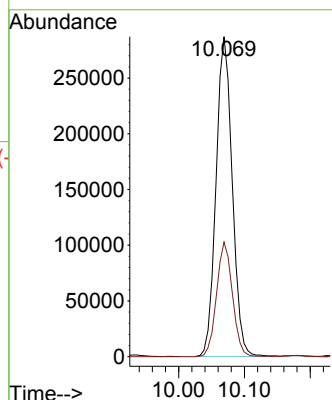
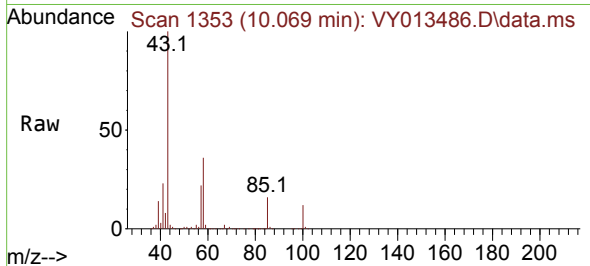




#51
4-Methyl-2-Pentanone
Concen: 387.190 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

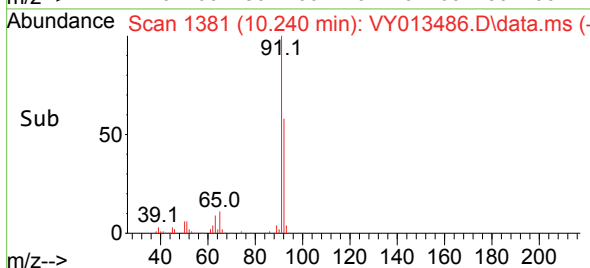
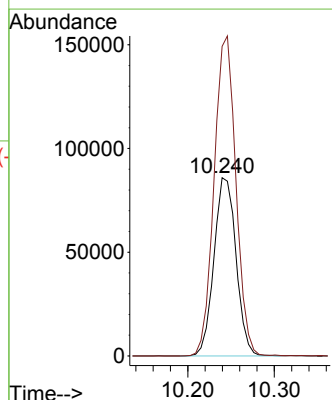
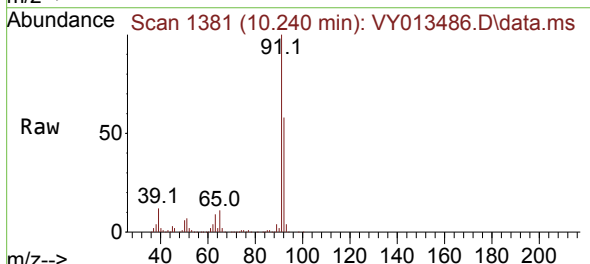
Instrument :
MSVOA_Y
ClientSampleId :
20230318-31-4MSD

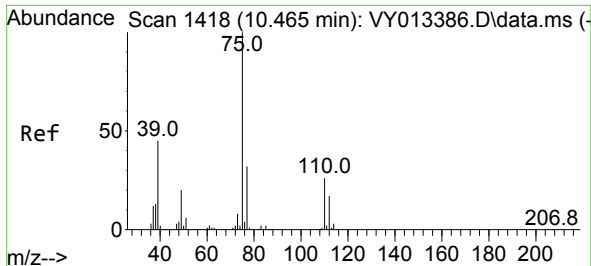
Tgt Ion: 43 Resp: 493076
Ion Ratio Lower Upper
43 100
58 35.1 30.6 46.0



#52
Toluene
Concen: 49.913 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Tgt Ion: 92 Resp: 152225
Ion Ratio Lower Upper
92 100
91 176.9 140.2 210.4

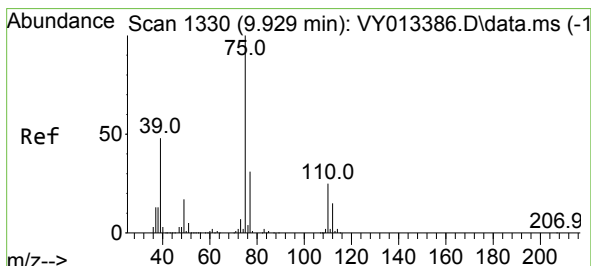
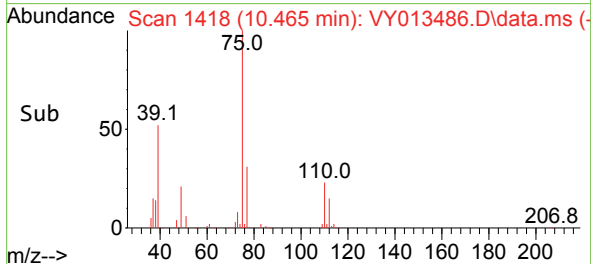
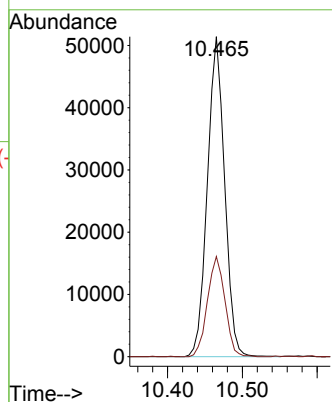
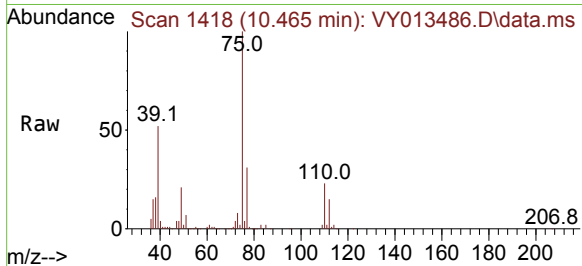




#53
 t-1,3-Dichloropropene
 Concen: 43.796 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013486.D
 Acq: 26 Apr 2023 20:07

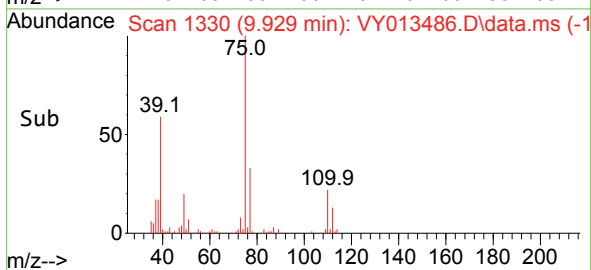
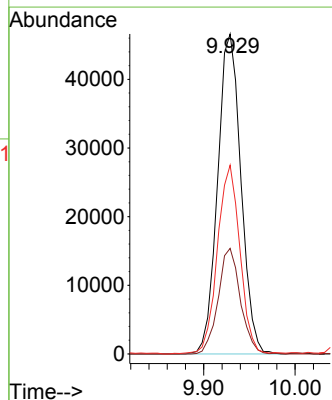
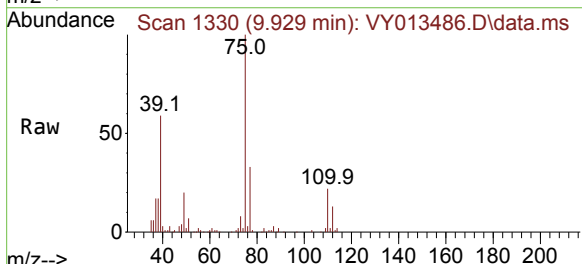
Instrument :
 MSVOA_Y
 ClientSampleId :
 20230318-31-4MSD

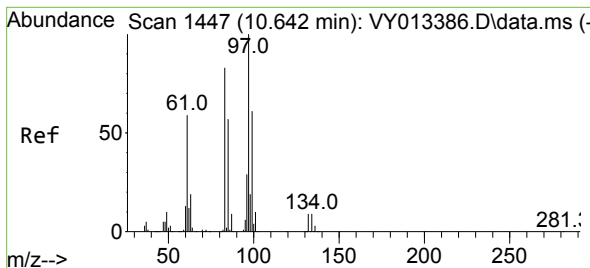
Tgt Ion: 75 Resp: 82234
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 39.099 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013486.D
 Acq: 26 Apr 2023 20:07

Tgt Ion: 75 Resp: 82608
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.8 37.2
 39 58.8 38.1 57.1#





#55

1,1,2-Trichloroethane

Concen: 63.348 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013486.D

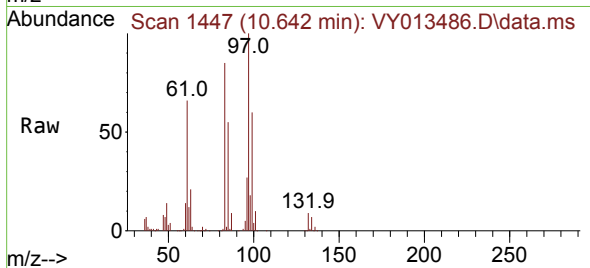
Acq: 26 Apr 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

20230318-31-4MSD



Tgt Ion: 97 Resp: 66514

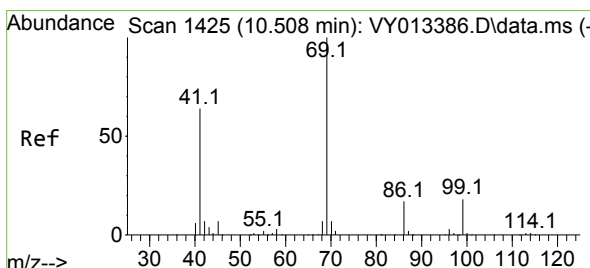
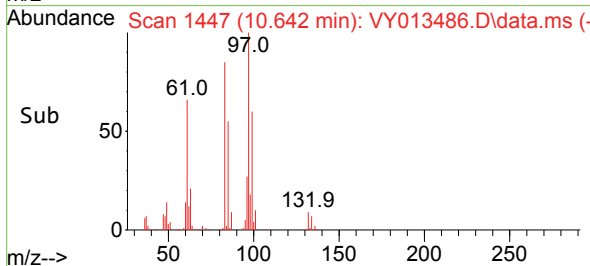
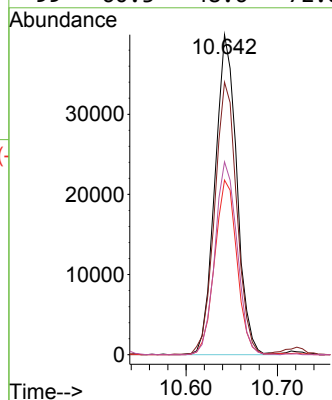
Ion Ratio Lower Upper

97 100

83 85.0 66.4 99.6

85 54.5 45.6 68.4

99 60.3 48.6 72.8



#56

Ethyl methacrylate

Concen: 57.987 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

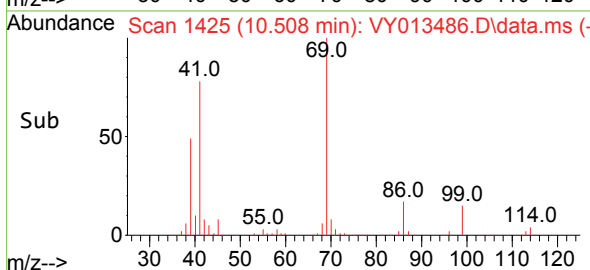
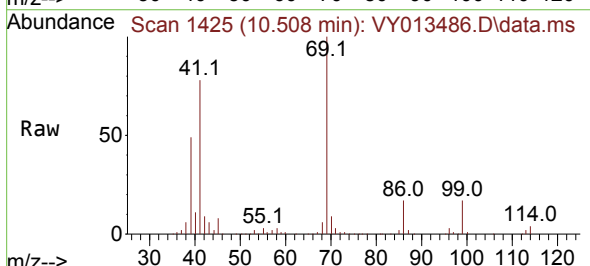
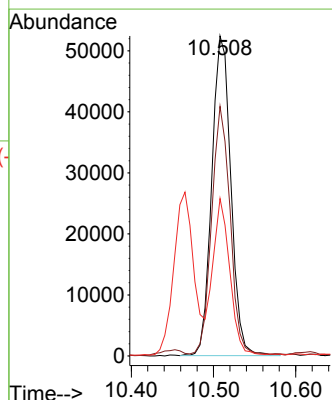
Tgt Ion: 69 Resp: 84470

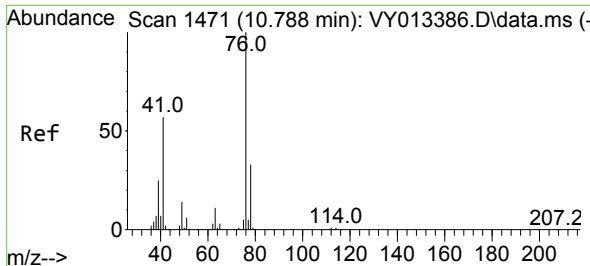
Ion Ratio Lower Upper

69 100

41 75.3 51.4 77.0

39 42.9 29.0 43.6





#57

1,3-Dichloropropane

Concen: 62.234 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

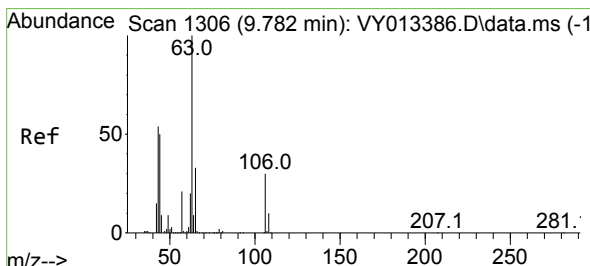
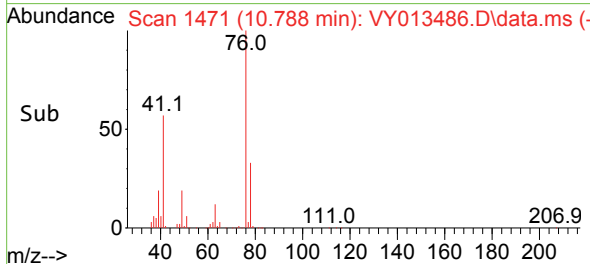
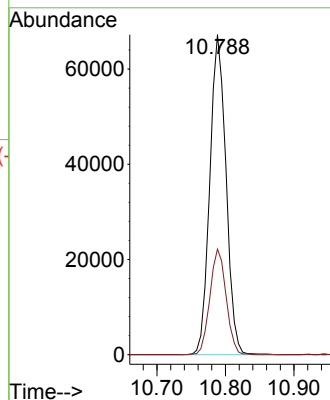
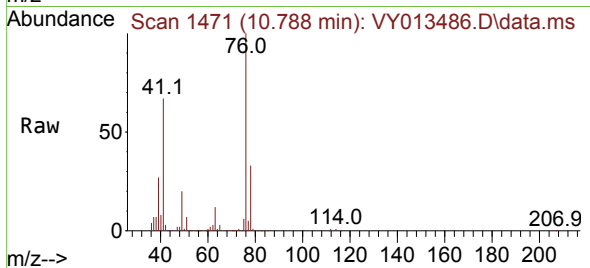
20230318-31-4MSD

Tgt Ion: 76 Resp: 110667

Ion Ratio Lower Upper

76 100

78 33.0 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 311.851 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013486.D

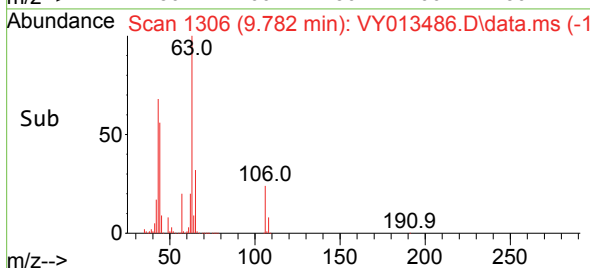
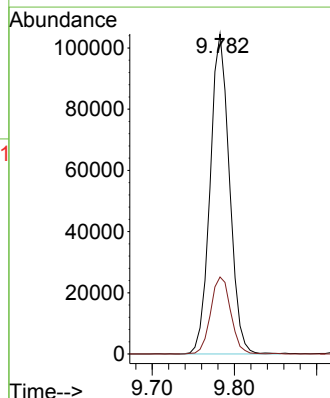
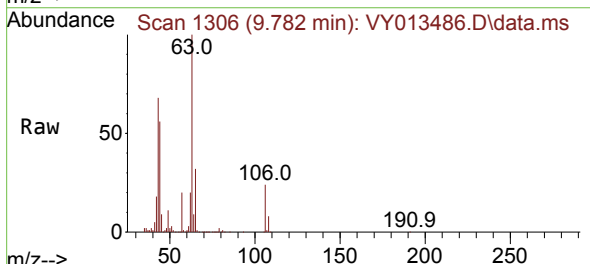
Acq: 26 Apr 2023 20:07

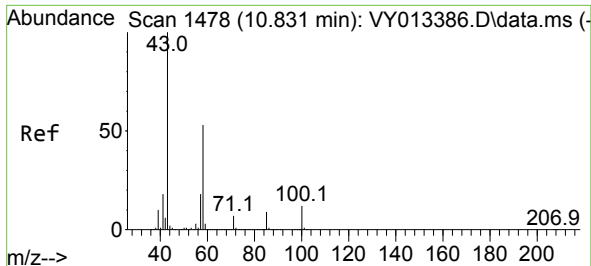
Tgt Ion: 63 Resp: 170345

Ion Ratio Lower Upper

63 100

106 24.9 23.5 35.3

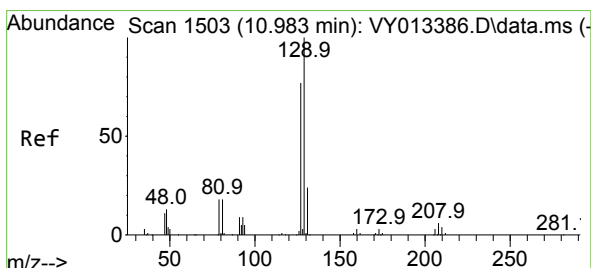
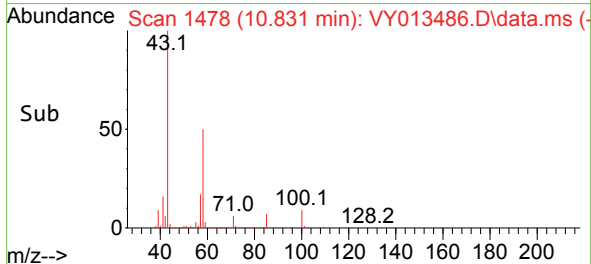
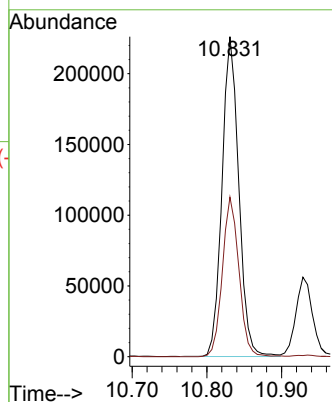
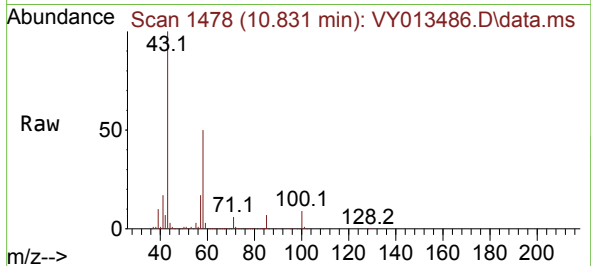




#59
2-Hexanone
Concen: 381.373 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

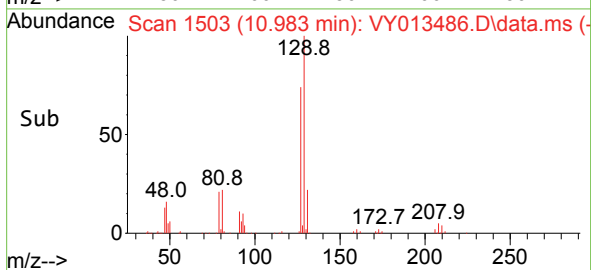
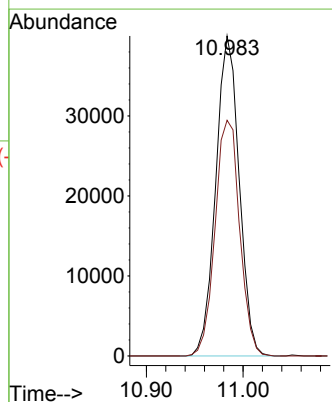
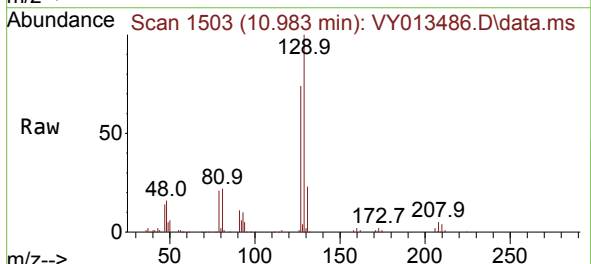
Instrument :
MSVOA_Y
ClientSampleId :
20230318-31-4MSD

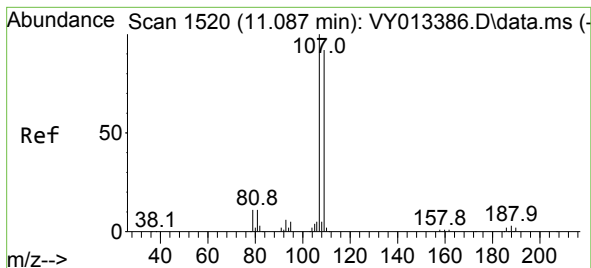
Tgt Ion: 43 Resp: 353042
Ion Ratio Lower Upper
43 100
58 49.3 26.3 78.8



#60
Dibromochloromethane
Concen: 52.658 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Tgt Ion: 129 Resp: 67135
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1

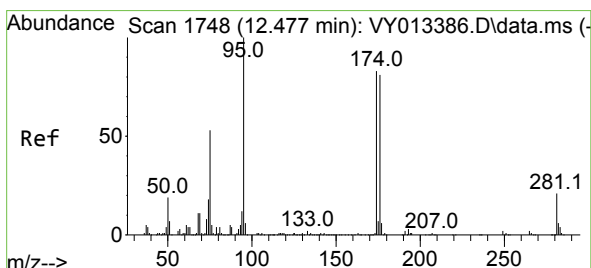
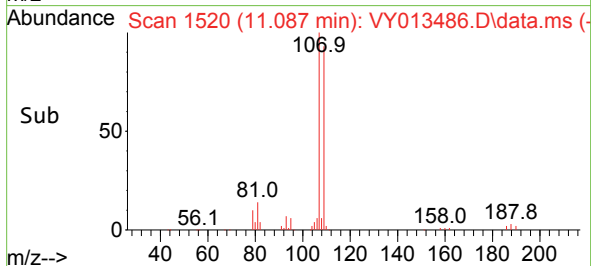
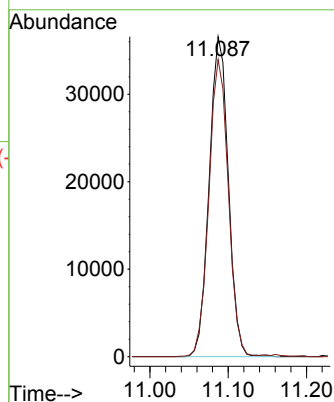
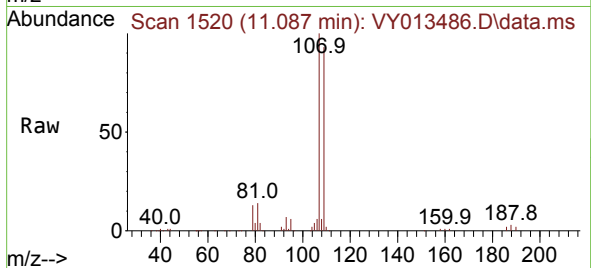




#61
1,2-Dibromoethane
Concen: 60.140 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

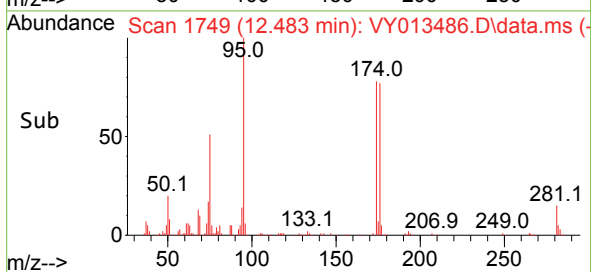
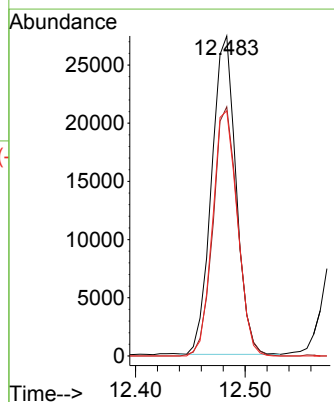
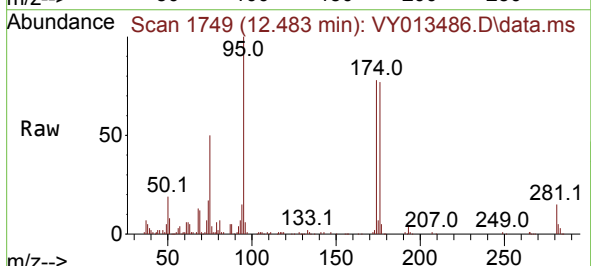
Instrument :
MSVOA_Y
ClientSampleId :
20230318-31-4MSD

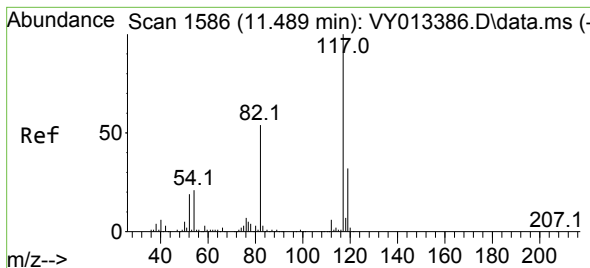
Tgt Ion:107 Resp: 62083
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 32.566 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Tgt Ion: 95 Resp: 42340
Ion Ratio Lower Upper
95 100
174 78.7 0.0 182.0
176 78.4 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013486.D

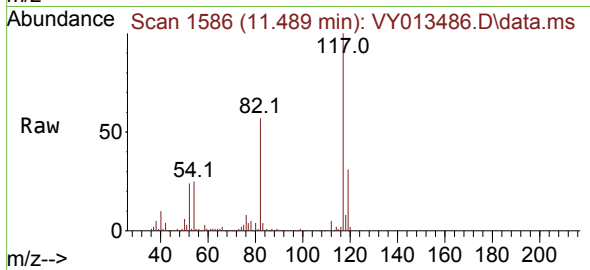
Acq: 26 Apr 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

20230318-31-4MSD



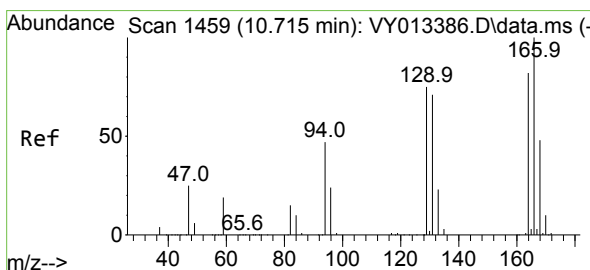
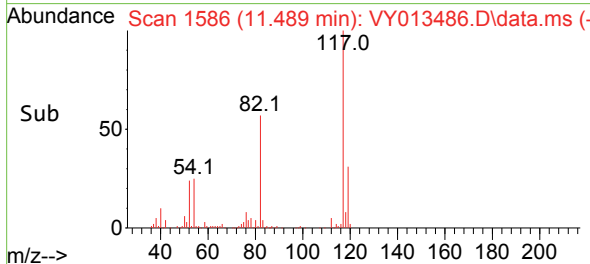
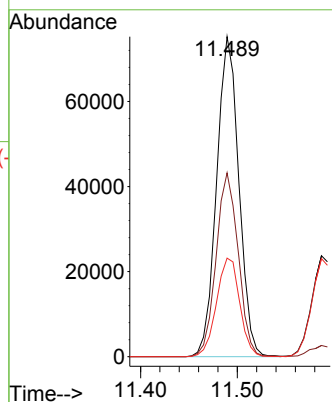
Tgt Ion:117 Resp: 119892

Ion Ratio Lower Upper

117 100

82 57.5 43.0 64.6

119 30.8 25.5 38.3



#64

Tetrachloroethene

Concen: 55.988 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

Tgt Ion:164 Resp: 51042

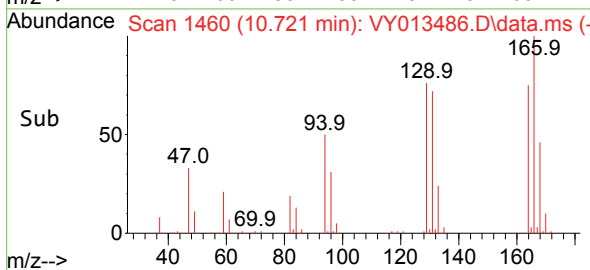
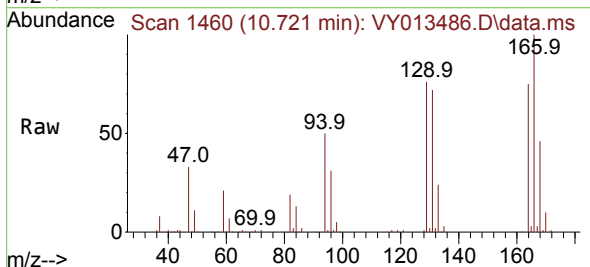
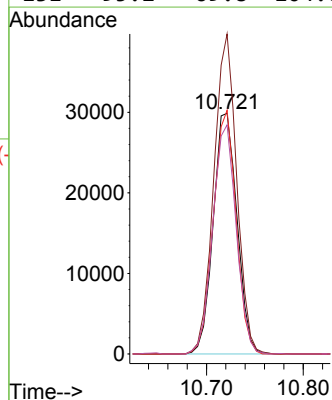
Ion Ratio Lower Upper

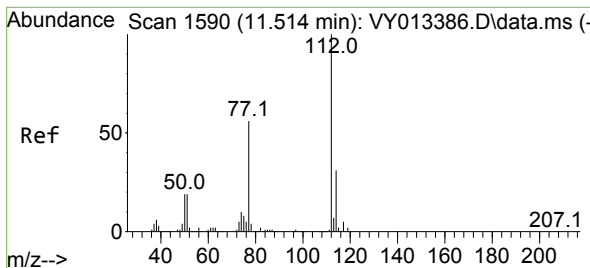
164 100

166 133.0 97.5 146.3

129 101.3 72.6 109.0

131 95.2 69.8 104.6

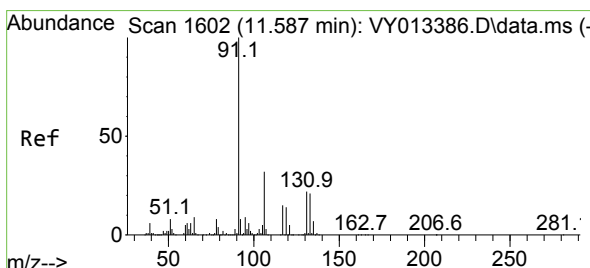
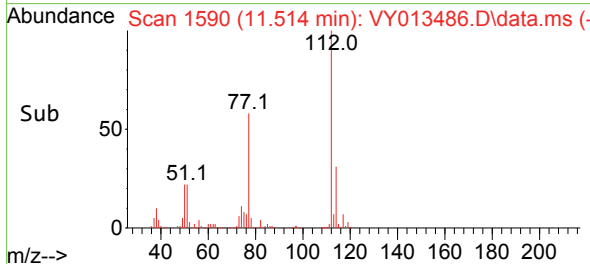
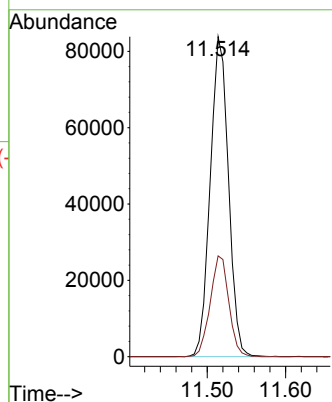
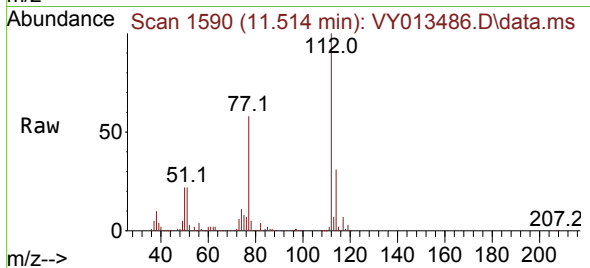




#65
Chlorobenzene
Concen: 51.828 ug/l
RT: 11.514 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

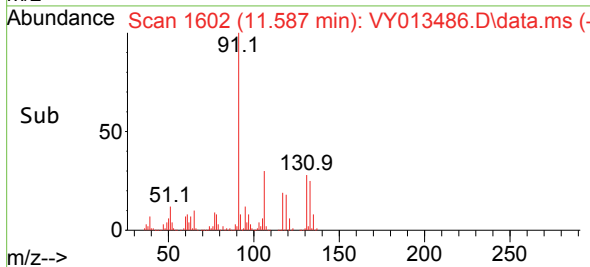
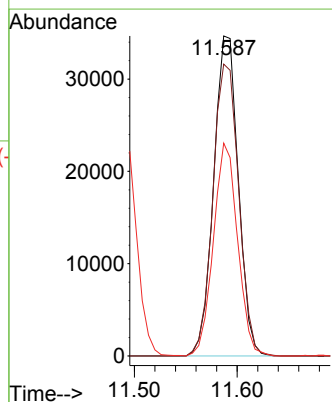
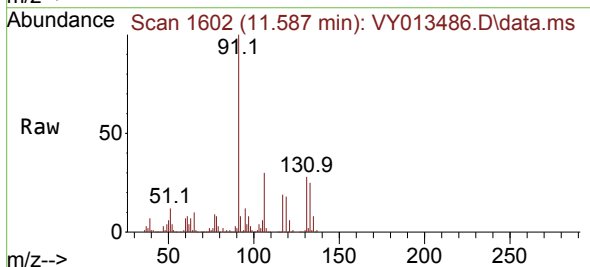
Instrument :
MSVOA_Y
ClientSampleId :
20230318-31-4MSD

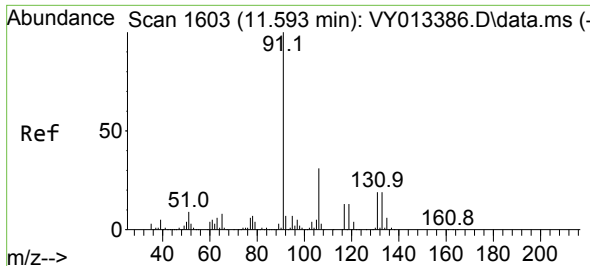
Tgt Ion:112 Resp: 135359
Ion Ratio Lower Upper
112 100
114 31.5 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 58.939 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Tgt Ion:131 Resp: 57570
Ion Ratio Lower Upper
131 100
133 95.8 47.7 143.1
119 65.5 32.6 98.0

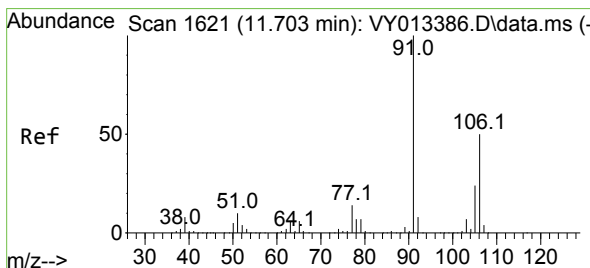
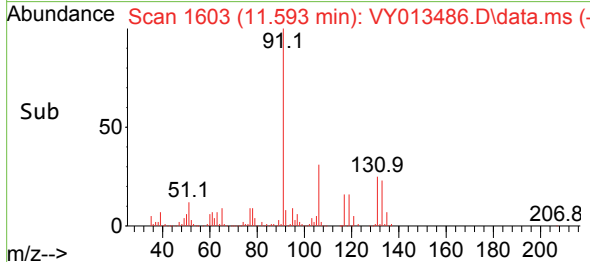
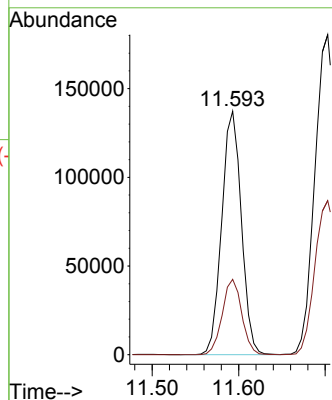
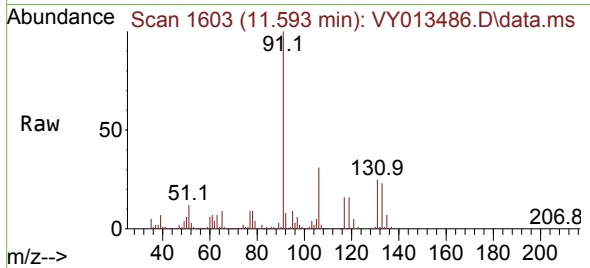




#67
Ethyl Benzene
Concen: 47.094 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

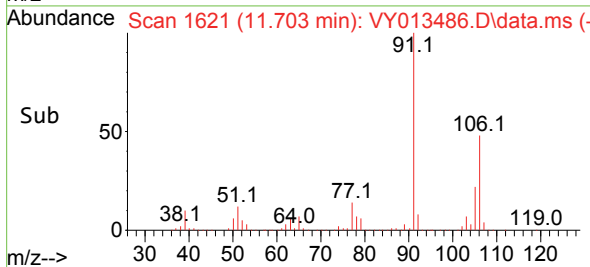
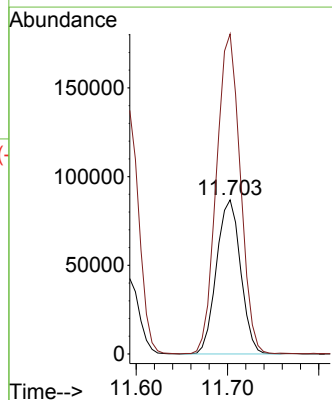
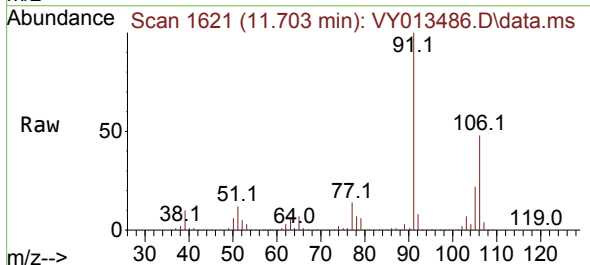
Instrument :
MSVOA_Y
ClientSampleId :
20230318-31-4MSD

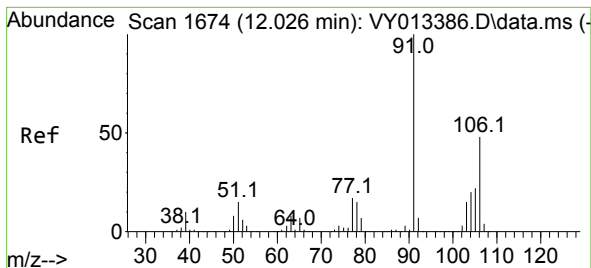
Tgt Ion: 91 Resp: 215982
Ion Ratio Lower Upper
91 100
106 30.9 25.1 37.7



#68
m/p-Xylenes
Concen: 91.279 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Tgt Ion:106 Resp: 159140
Ion Ratio Lower Upper
106 100
91 205.7 160.9 241.3





#69

o-Xylene

Concen: 46.555 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

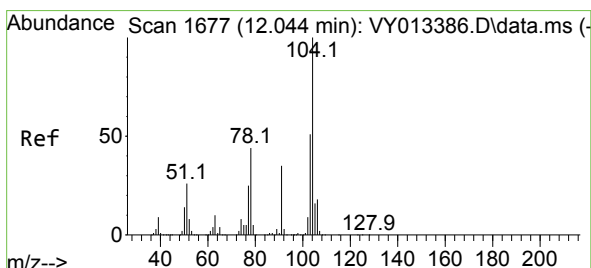
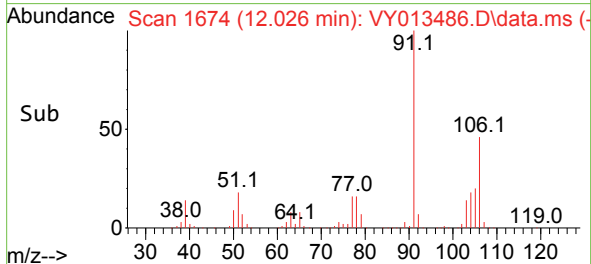
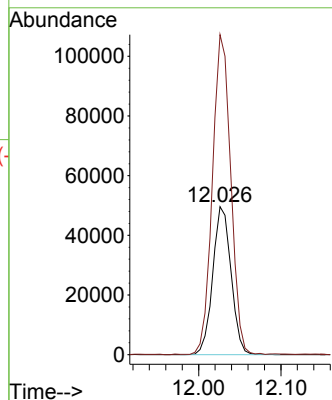
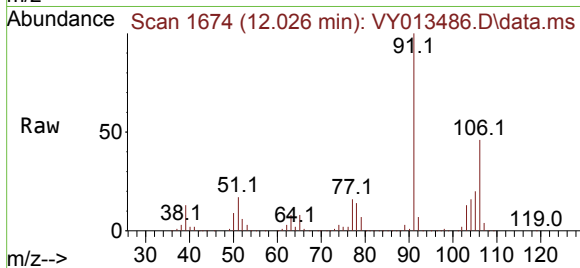
20230318-31-4MSD

Tgt Ion:106 Resp: 76763

Ion Ratio Lower Upper

106 100

91 216.2 105.5 316.4



#70

Styrene

Concen: 39.718 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

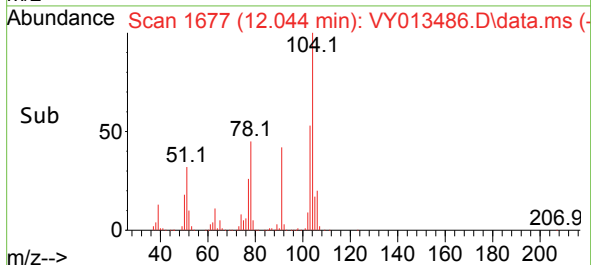
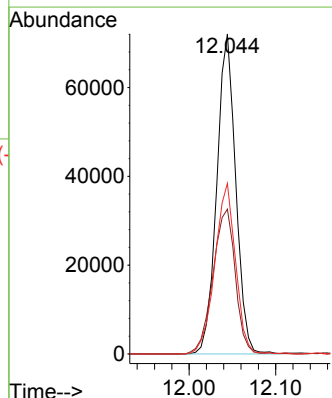
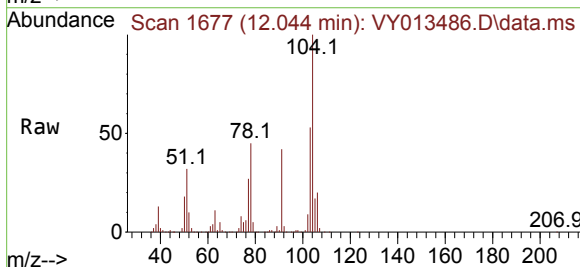
Tgt Ion:104 Resp: 109501

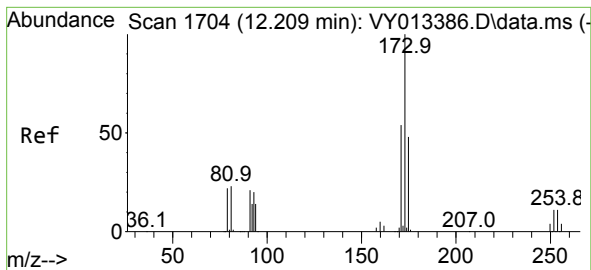
Ion Ratio Lower Upper

104 100

78 53.6 40.3 60.5

103 58.2 45.0 67.4





#71

Bromoform

Concen: 60.479 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

20230318-31-4MSD

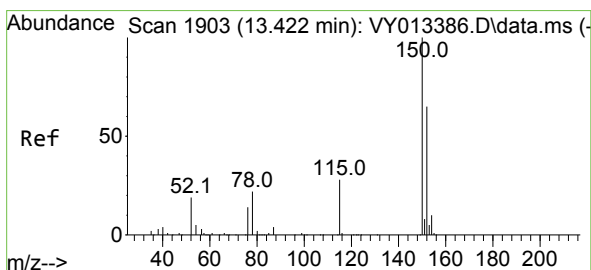
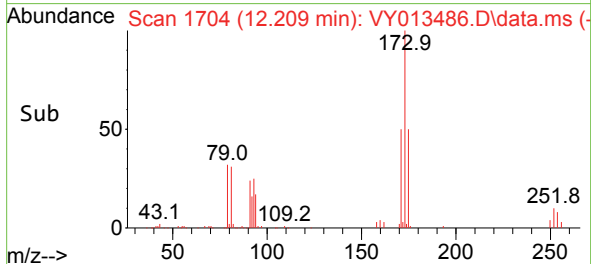
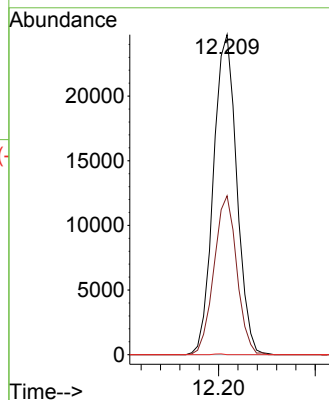
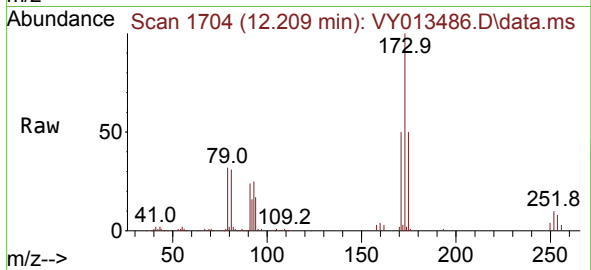
Tgt Ion:173 Resp: 41378

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

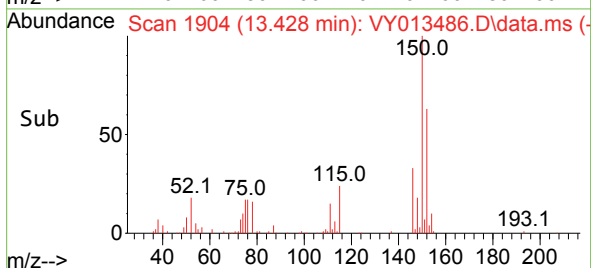
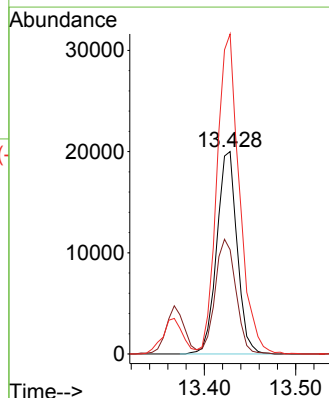
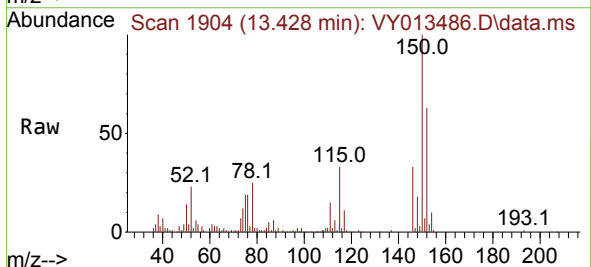
Tgt Ion:152 Resp: 30944

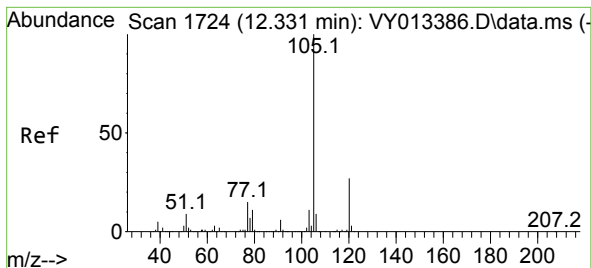
Ion Ratio Lower Upper

152 100

115 58.1 28.1 84.2

150 174.6 0.0 352.0





#73

Isopropylbenzene

Concen: 64.159 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

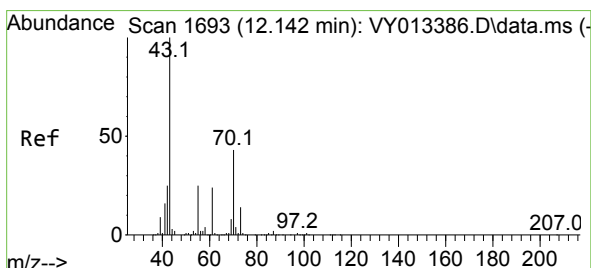
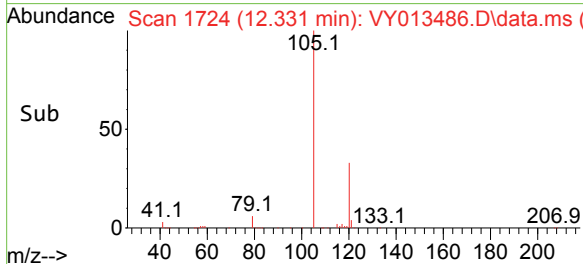
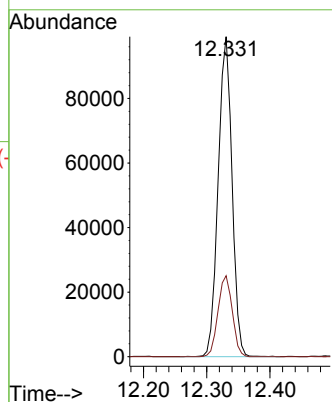
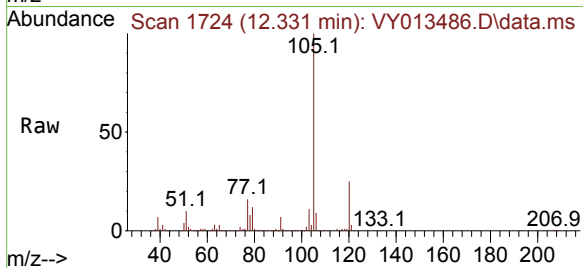
20230318-31-4MSD

Tgt Ion:105 Resp: 150163

Ion Ratio Lower Upper

105 100

120 26.0 13.7 41.0



#74

N-ethyl acetate

Concen: 63.722 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

Tgt Ion: 43 Resp: 53073

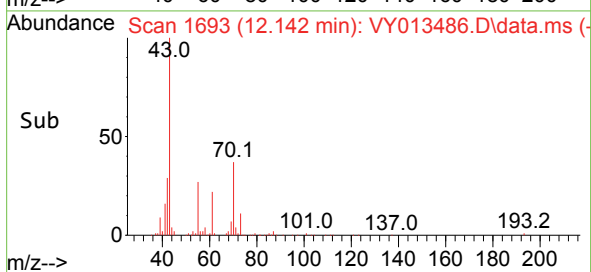
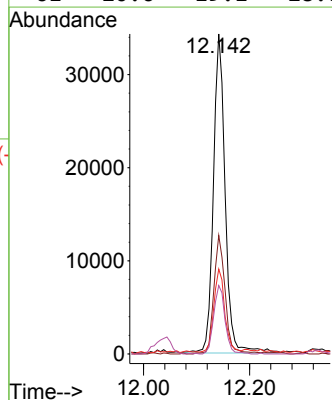
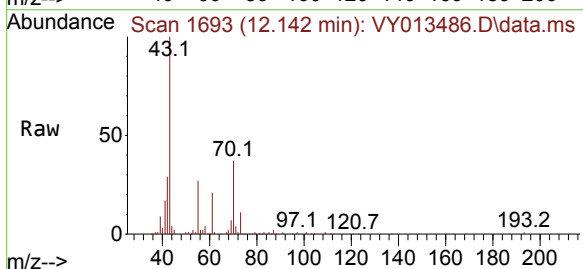
Ion Ratio Lower Upper

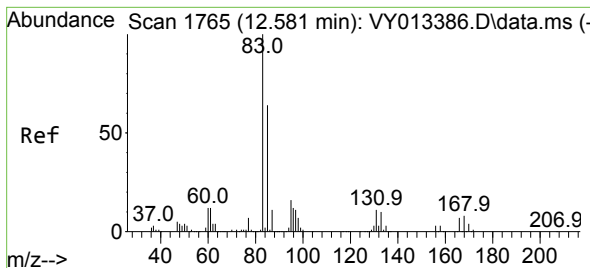
43 100

70 35.5 33.0 49.4

55 23.9 19.8 29.6

61 20.6 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 136.292 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

20230318-31-4MSD

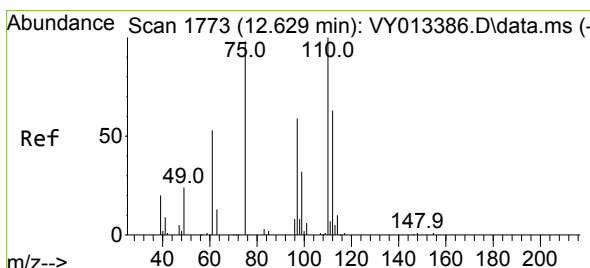
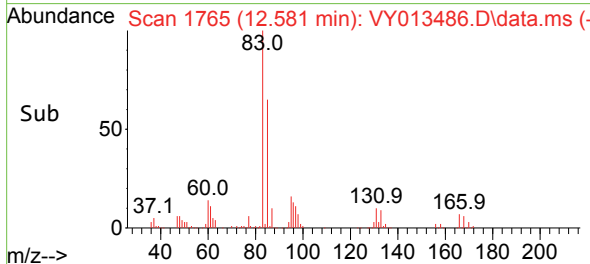
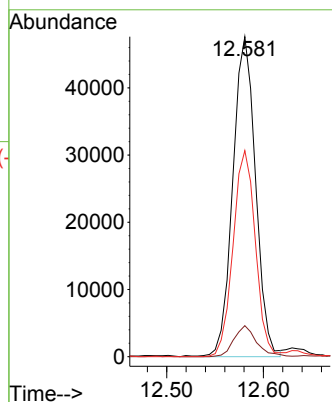
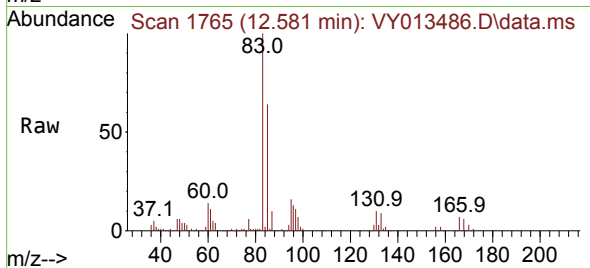
Tgt Ion: 83 Resp: 77970

Ion Ratio Lower Upper

83 100

131 9.6 5.7 17.0

85 63.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 216.145 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013486.D

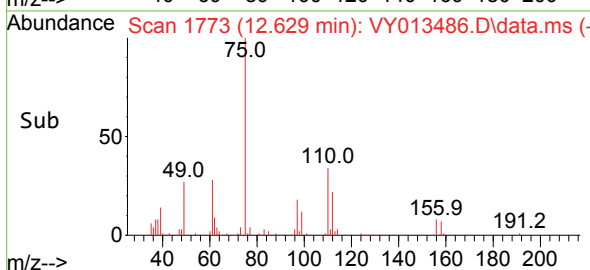
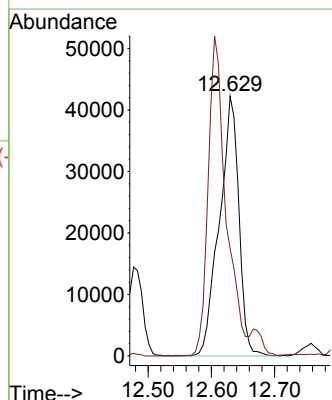
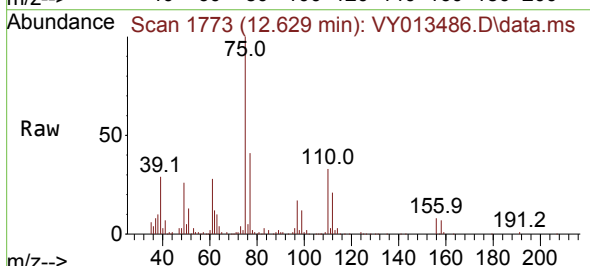
Acq: 26 Apr 2023 20:07

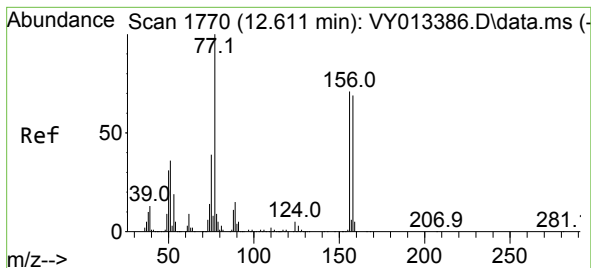
Tgt Ion: 75 Resp: 90201

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 79.013 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

20230318-31-4MSD

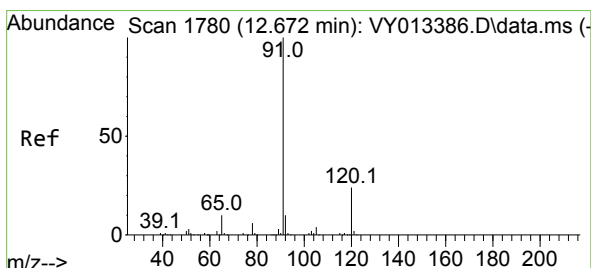
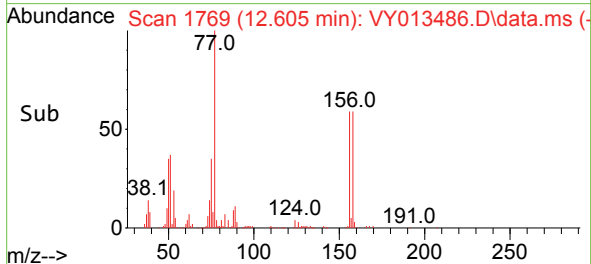
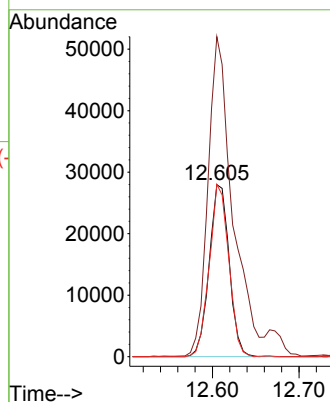
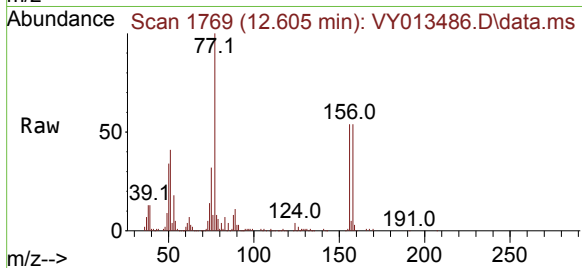
Tgt Ion:156 Resp: 44809

Ion Ratio Lower Upper

156 100

77 230.3 87.6 262.9

158 97.6 48.5 145.5



#78

n-propylbenzene

Concen: 55.325 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013486.D

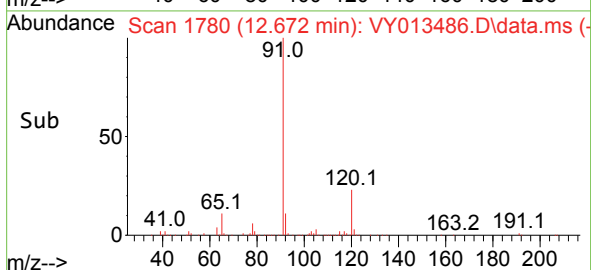
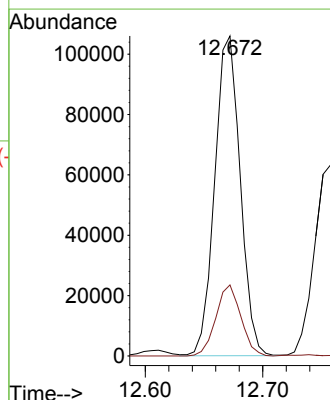
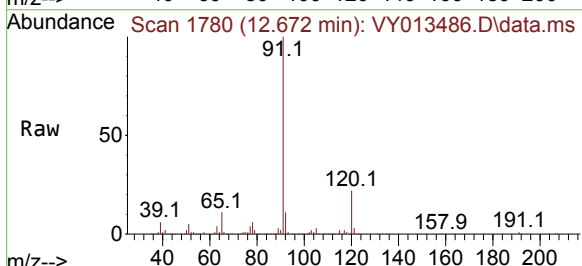
Acq: 26 Apr 2023 20:07

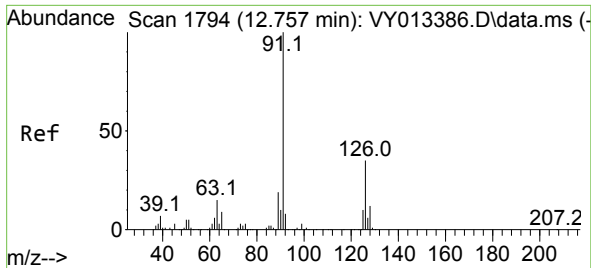
Tgt Ion: 91 Resp: 159494

Ion Ratio Lower Upper

91 100

120 21.8 11.9 35.9

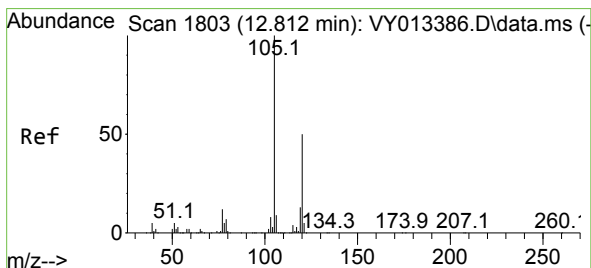
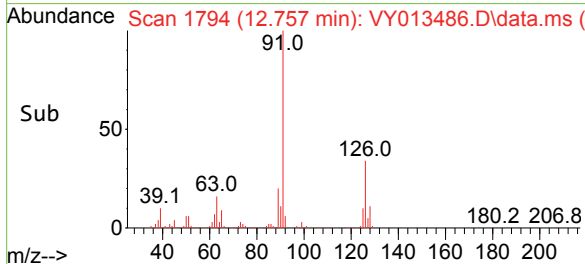
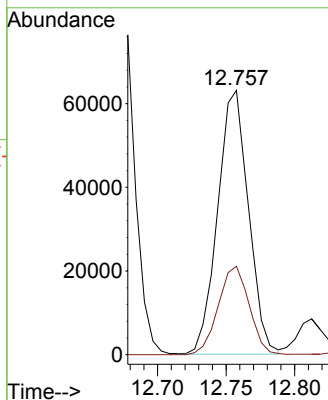
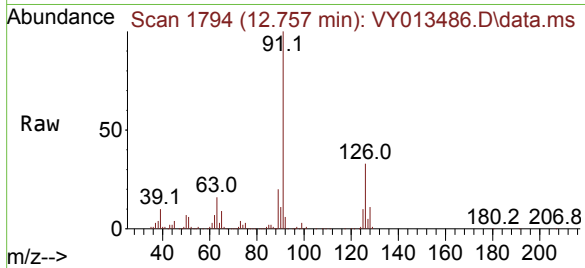




#79
2-Chlorotoluene
Concen: 61.348 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

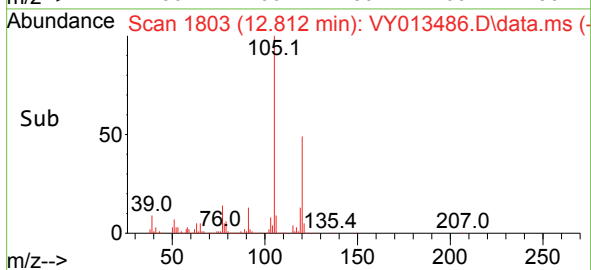
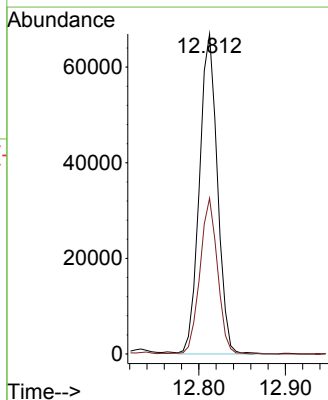
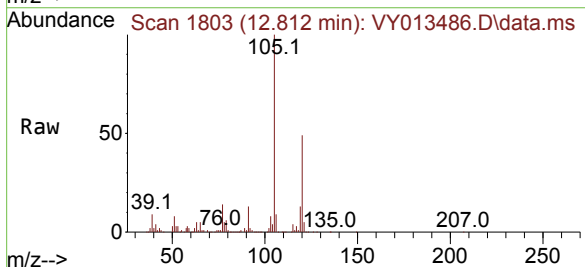
Instrument :
MSVOA_Y
ClientSampleId :
20230318-31-4MSD

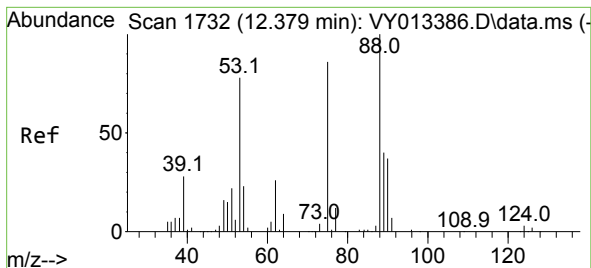
Tgt Ion: 91 Resp: 98762
Ion Ratio Lower Upper
91 100
126 33.6 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 50.565 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Tgt Ion: 105 Resp: 96595
Ion Ratio Lower Upper
105 100
120 47.6 24.7 74.1

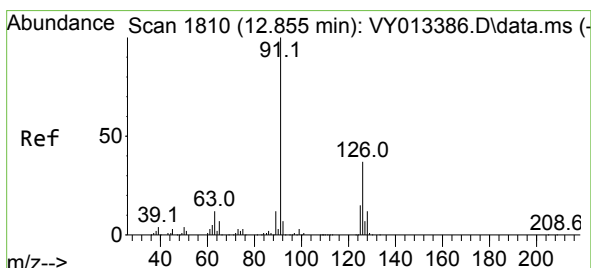
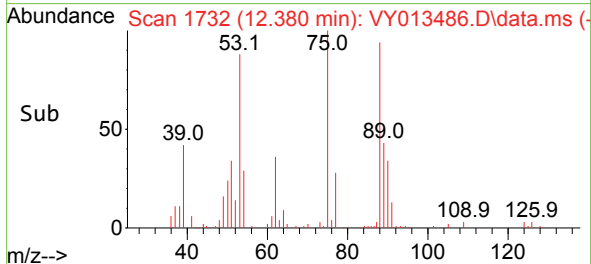
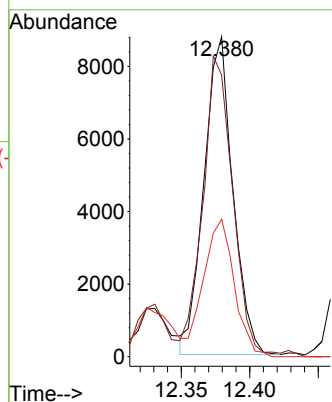
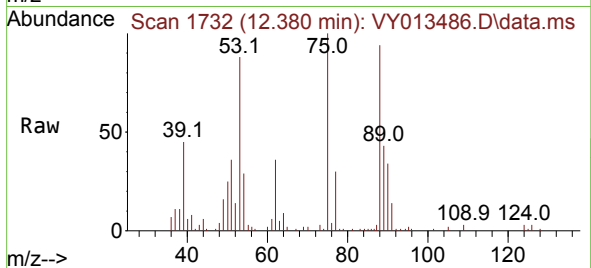




#81
trans-1,4-Dichloro-2-butene
Concen: 62.923 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

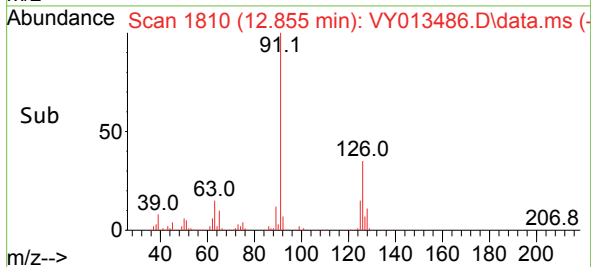
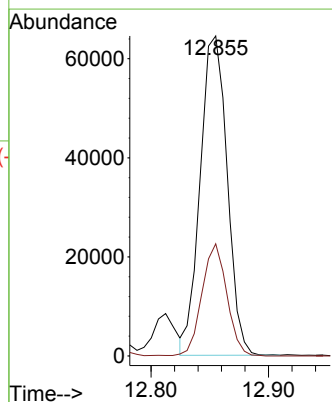
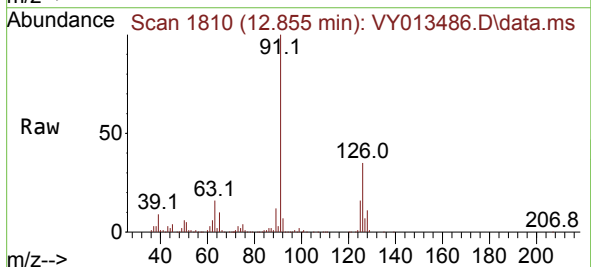
Instrument :
MSVOA_Y
ClientSampleId :
20230318-31-4MSD

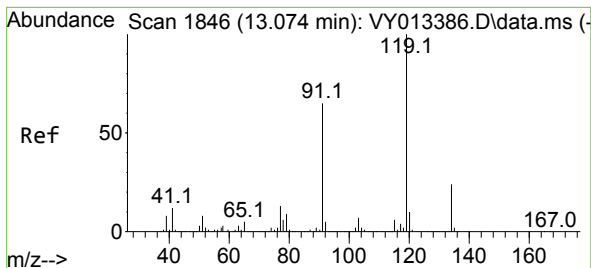
Tgt Ion: 75 Resp: 12837
Ion Ratio Lower Upper
75 100
53 98.8 73.2 109.8
89 46.7 38.0 57.0



#82
4-Chlorotoluene
Concen: 61.261 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Tgt Ion: 91 Resp: 102792
Ion Ratio Lower Upper
91 100
126 32.5 17.9 53.8





#83

tert-Butylbenzene

Concen: 44.783 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

20230318-31-4MSD

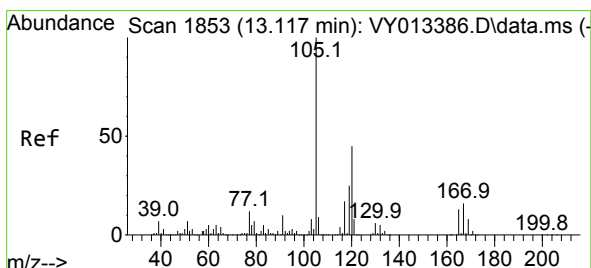
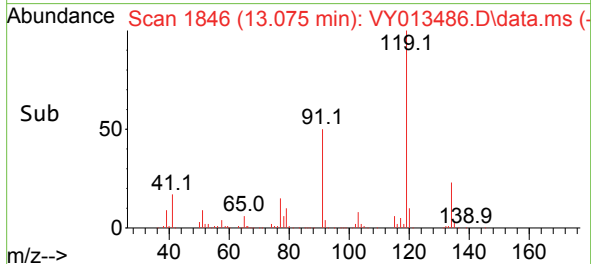
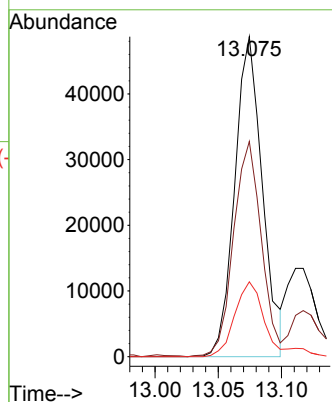
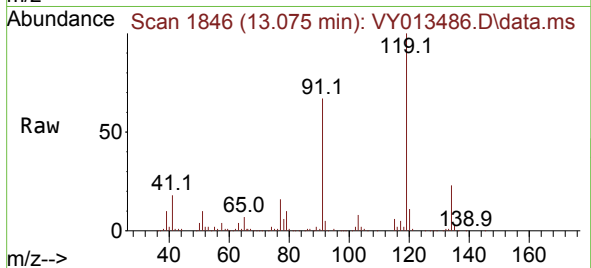
Tgt Ion:119 Resp: 74117

Ion Ratio Lower Upper

119 100

91 67.6 32.2 96.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.497 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013486.D

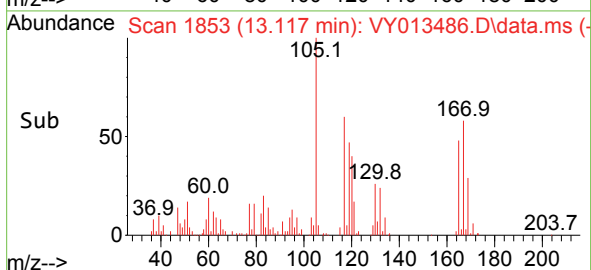
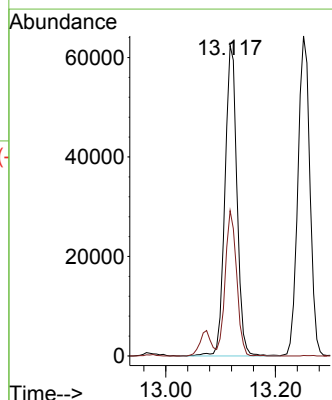
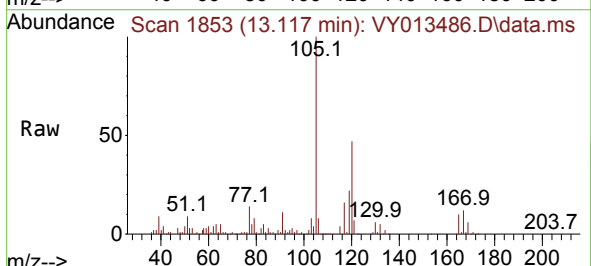
Acq: 26 Apr 2023 20:07

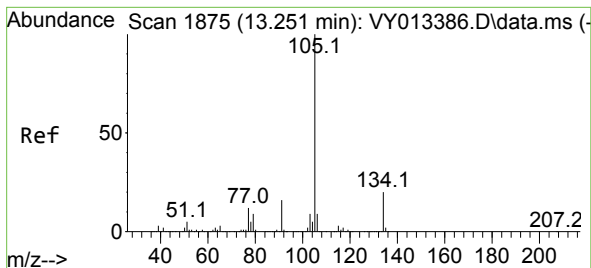
Tgt Ion:105 Resp: 95644

Ion Ratio Lower Upper

105 100

120 43.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 39.229 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

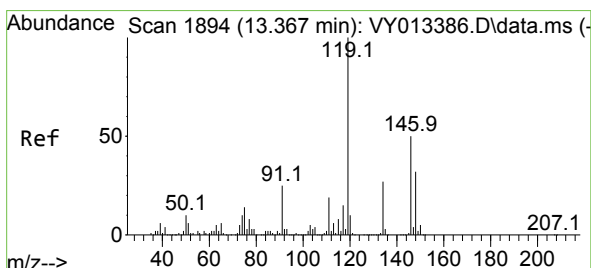
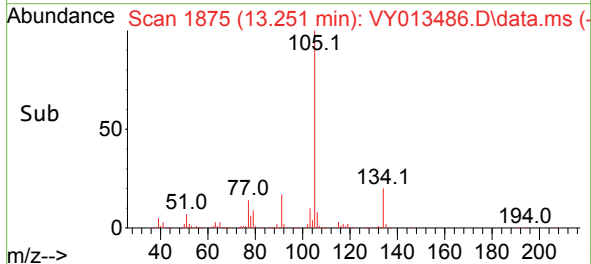
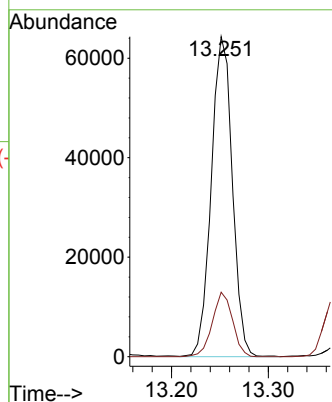
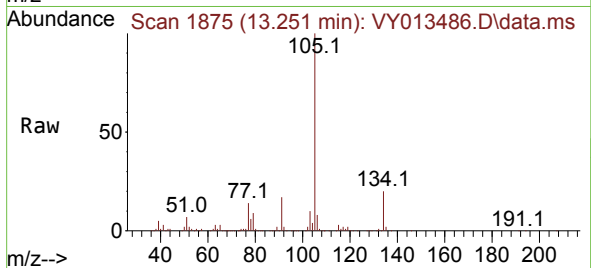
20230318-31-4MSD

Tgt Ion:105 Resp: 97439

Ion Ratio Lower Upper

105 100

134 19.3 10.3 30.9



#86

p-Isopropyltoluene

Concen: 35.016 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

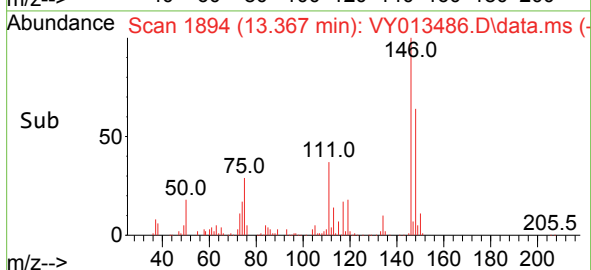
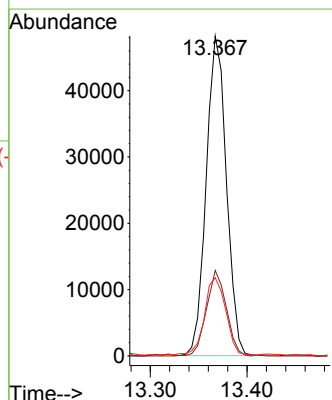
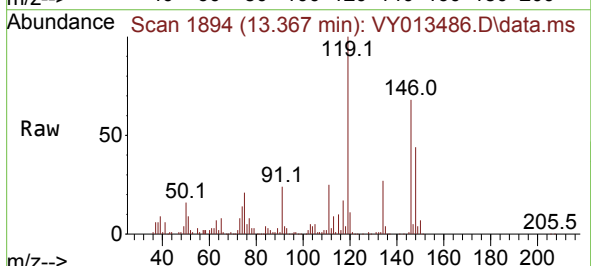
Tgt Ion:119 Resp: 69944

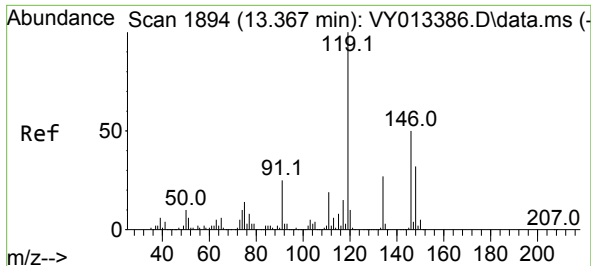
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

91 25.6 12.1 36.3

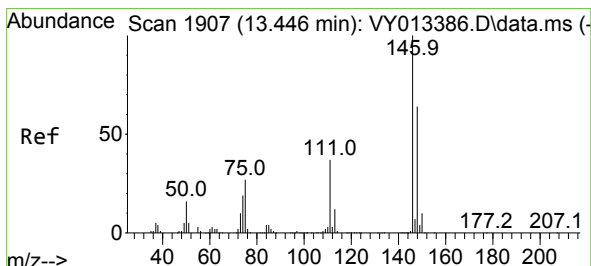
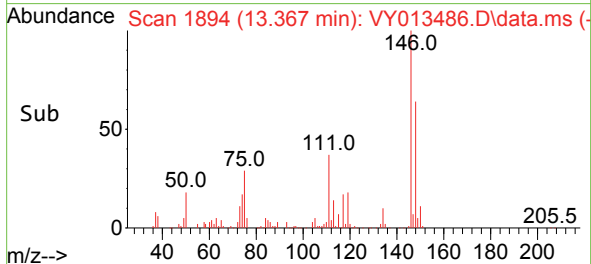
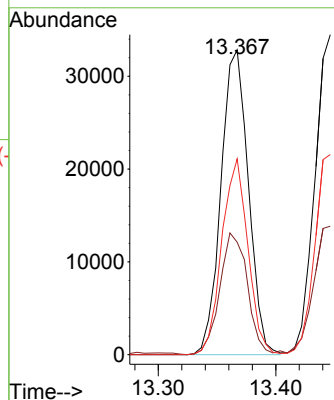
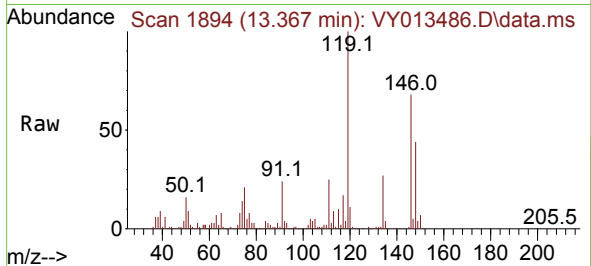




#87
1,3-Dichlorobenzene
Concen: 49.239 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

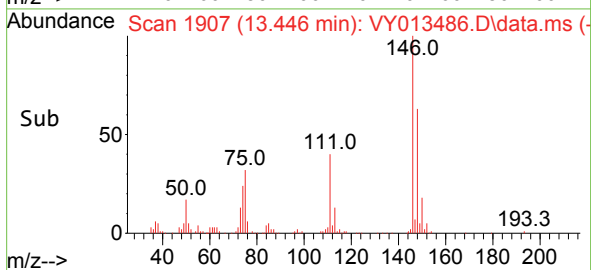
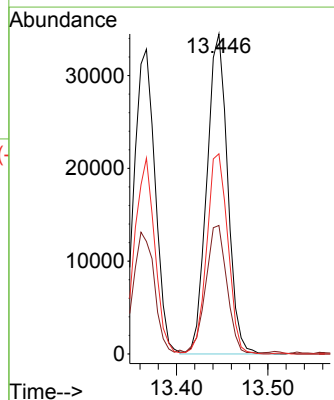
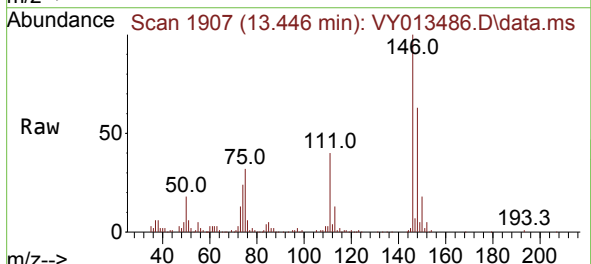
Instrument :
MSVOA_Y
ClientSampleId :
20230318-31-4MSD

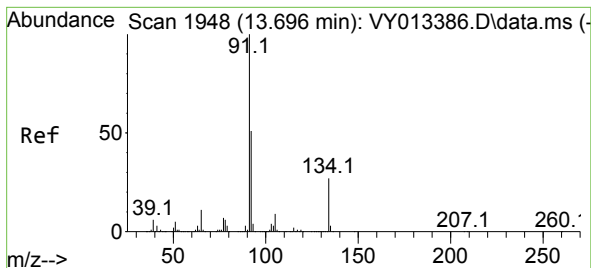
Tgt Ion:146 Resp: 53200
Ion Ratio Lower Upper
146 100
111 40.2 19.3 57.9
148 61.3 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 49.825 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013486.D
Acq: 26 Apr 2023 20:07

Tgt Ion:146 Resp: 54380
Ion Ratio Lower Upper
146 100
111 41.1 18.9 56.5
148 63.4 31.9 95.5





#89

n-Butylbenzene

Concen: 28.538 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

20230318-31-4MSD

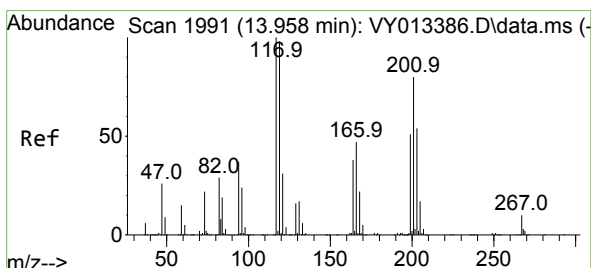
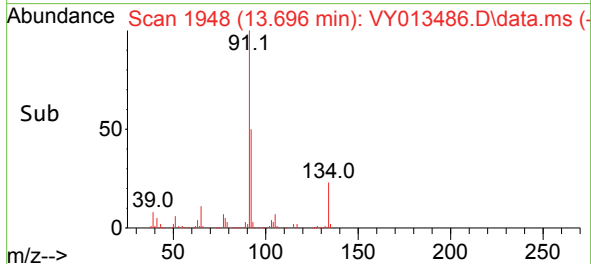
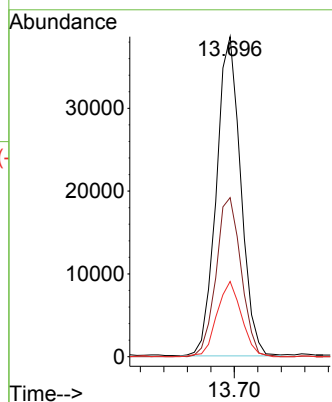
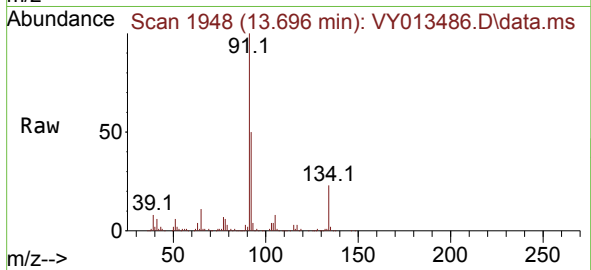
Tgt Ion: 91 Resp: 55636

Ion Ratio Lower Upper

91 100

92 51.2 25.8 77.3

134 23.8 13.5 40.4



#90

Hexachloroethane

Concen: 25.248 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013486.D

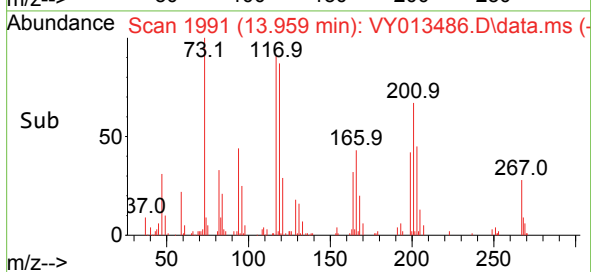
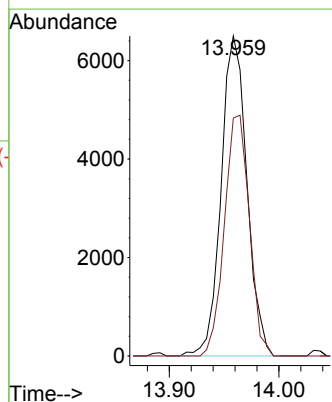
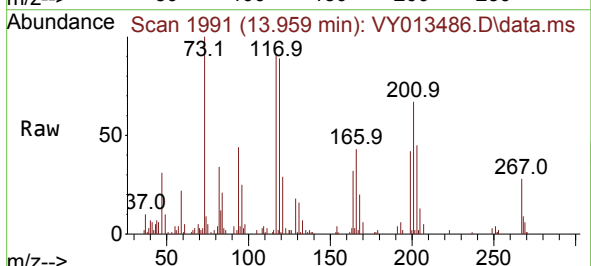
Acq: 26 Apr 2023 20:07

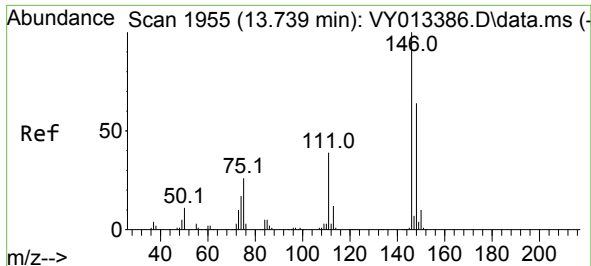
Tgt Ion: 117 Resp: 10614

Ion Ratio Lower Upper

117 100

201 72.9 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.816 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013486.D

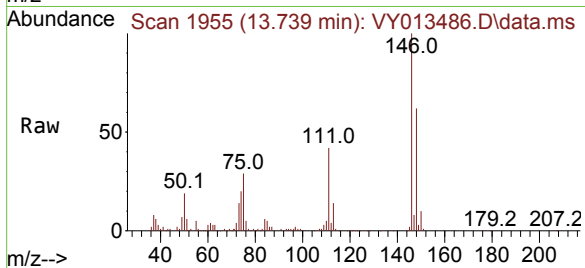
Acq: 26 Apr 2023 20:07

Instrument :

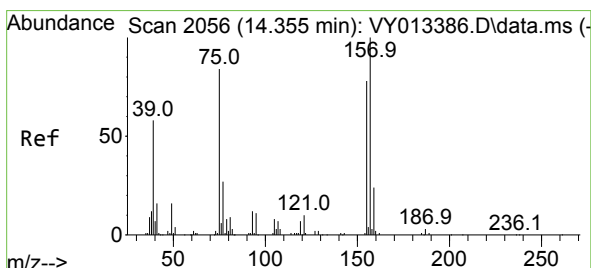
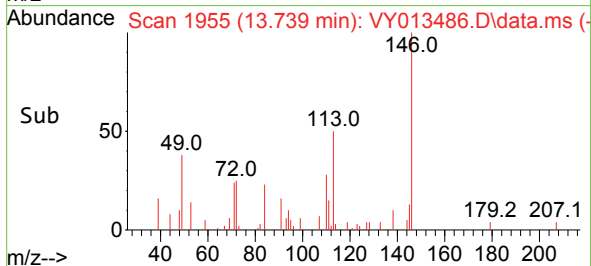
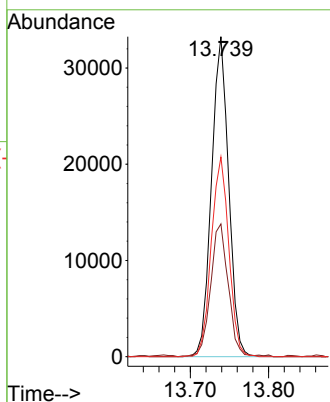
MSVOA_Y

ClientSampleId :

20230318-31-4MSD



Tgt Ion:146	Resp:	50555
Ion Ratio	Lower	Upper
146	100	
111	43.0	19.8 59.4
148	63.8	31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 112.732 ug/l

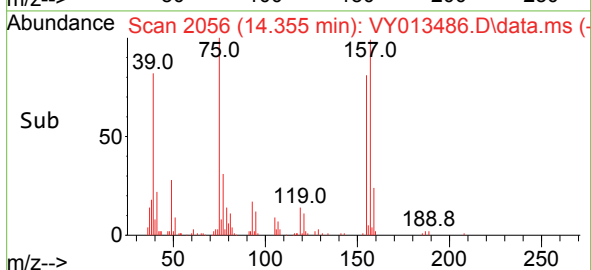
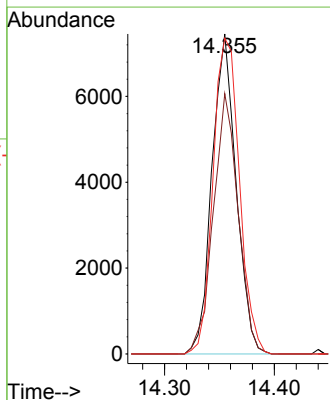
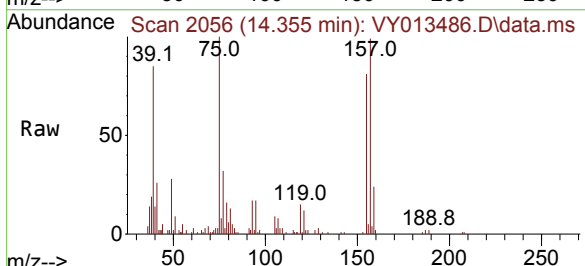
RT: 14.355 min Scan# 2056

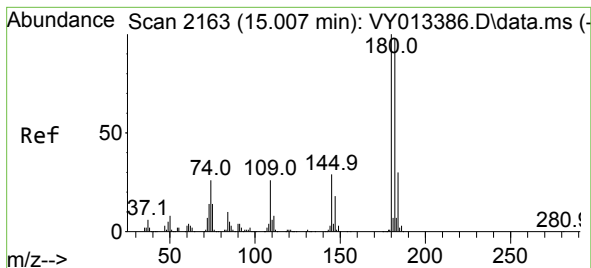
Delta R.T. -0.000 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

Tgt Ion: 75	Resp:	11390
Ion Ratio	Lower	Upper
75	100	
155	83.9	44.6 134.0
157	107.9	57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 17.846 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013486.D

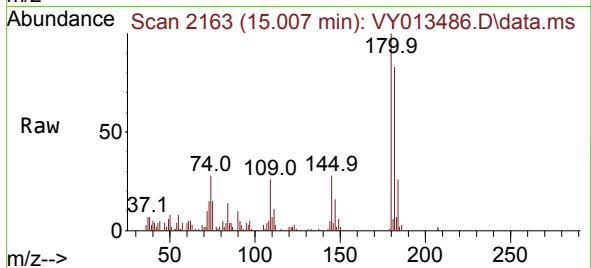
Acq: 26 Apr 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

20230318-31-4MSD



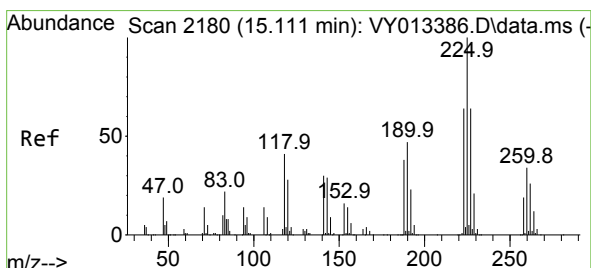
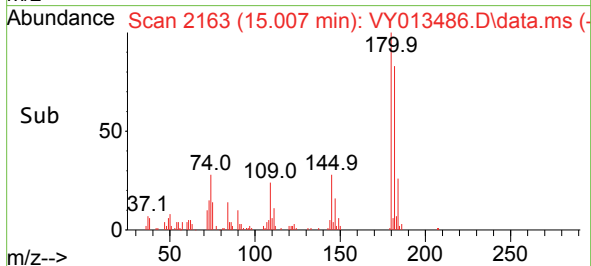
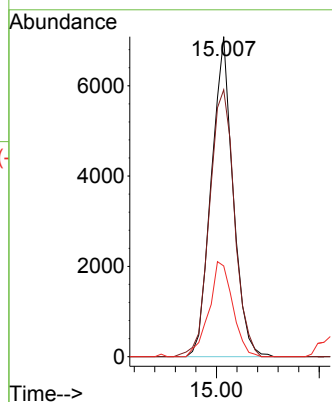
Tgt Ion:180 Resp: 10381

Ion Ratio Lower Upper

180 100

182 95.5 48.5 145.5

145 32.4 15.0 45.0



#94

Hexachlorobutadiene

Concen: 12.188 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

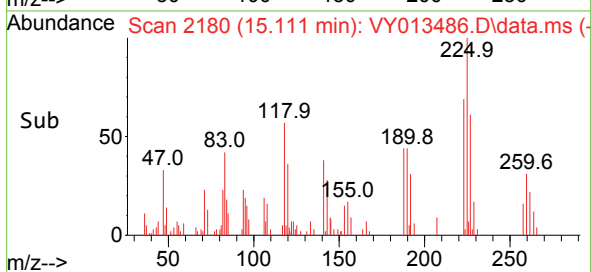
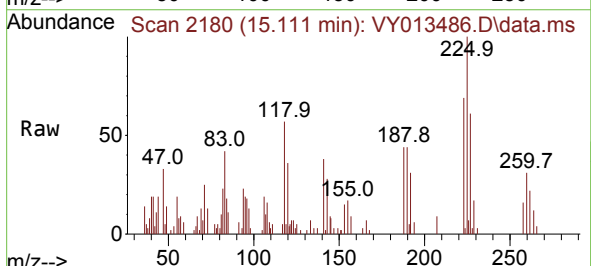
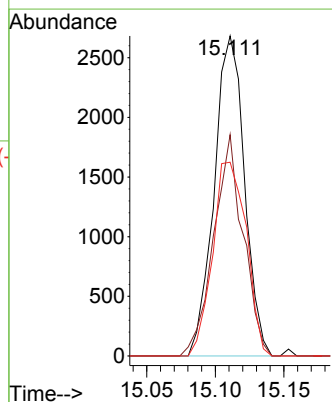
Tgt Ion:225 Resp: 4126

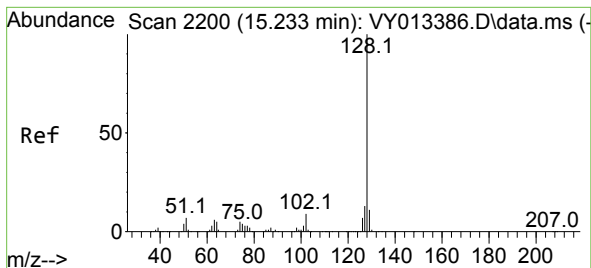
Ion Ratio Lower Upper

225 100

223 67.1 31.4 94.2

227 67.3 32.0 96.0





#95

Naphthalene

Concen: 41.668 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

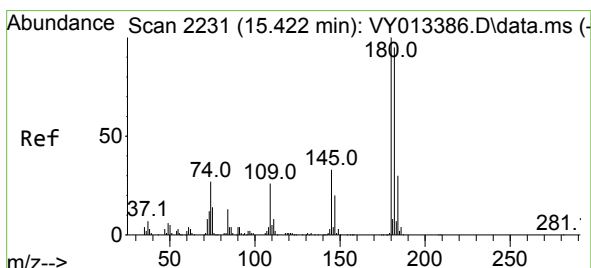
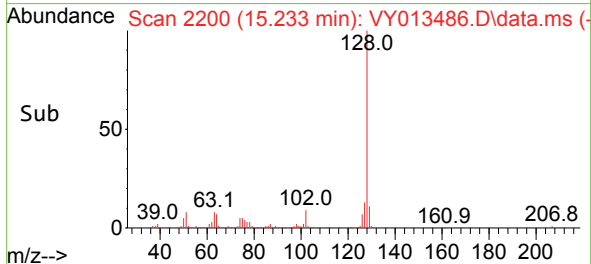
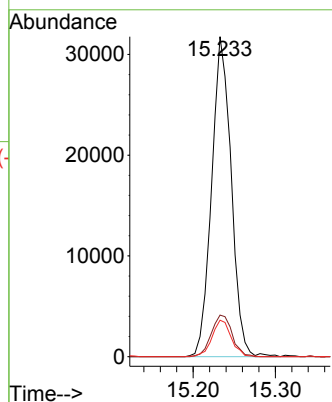
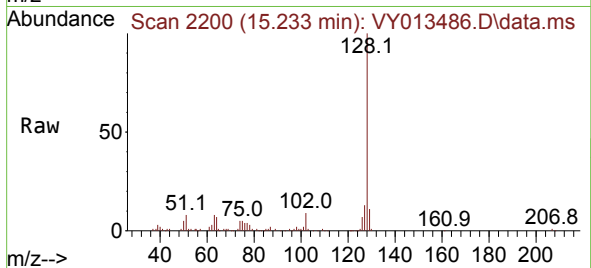
Instrument :

MSVOA_Y

ClientSampleId :

20230318-31-4MSD

Tgt Ion:128	Resp:	52590
Ion Ratio	Lower	Upper
128	100	
127	13.8	10.7 16.1
129	11.2	8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.144 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013486.D

Acq: 26 Apr 2023 20:07

Tgt Ion:180	Resp:	9407
Ion Ratio	Lower	Upper
180	100	
182	91.7	47.1 141.3
145	33.1	15.9 47.7

