

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013400.D
 Acq On : 24 Apr 2023 14:26
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY042423

Quant Time: Apr 25 02:03:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 24 14:03:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	215817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	343860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	302611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146096	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116389	49.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.400%
35) Dibromofluoromethane	7.716	113	106088	49.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.100%
50) Toluene-d8	10.179	98	365319	47.483	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.960%
62) 4-Bromofluorobenzene	12.483	95	126399	48.732	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	106106	51.715	ug/l	99
3) Chloromethane	2.113	50	152769	55.548	ug/l	98
4) Vinyl Chloride	2.253	62	149913	54.746	ug/l	98
5) Bromomethane	2.656	94	124019	56.833	ug/l	99
6) Chloroethane	2.796	64	103526	54.725	ug/l	98
7) Trichlorofluoromethane	3.125	101	204714	49.348	ug/l	97
8) Diethyl Ether	3.527	74	72016	50.979	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.899	101	115764	49.751	ug/l	94
10) Methyl Iodide	4.088	142	151177	51.728	ug/l	99
11) Tert butyl alcohol	4.984	59	60624	240.477	ug/l	100
12) 1,1-Dichloroethene	3.869	96	110650	49.332	ug/l	88
13) Acrolein	3.729	56	46261	222.831	ug/l	91
14) Allyl chloride	4.478	41	219475	52.735	ug/l	96
15) Acrylonitrile	5.161	53	197518	249.663	ug/l	98
16) Acetone	3.954	43	241517	259.225	ug/l	95
17) Carbon Disulfide	4.192	76	364916	50.086	ug/l	99
18) Methyl Acetate	4.478	43	152646	49.606	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	344036	53.130	ug/l	100
20) Methylene Chloride	4.710	84	148277	50.957	ug/l #	83
21) trans-1,2-Dichloroethene	5.216	96	125187	51.047	ug/l	96
22) Diisopropyl ether	6.112	45	452808	55.665	ug/l	92
23) Vinyl Acetate	6.057	43	1407255	303.250	ug/l	94
24) 1,1-Dichloroethane	6.015	63	237031	52.282	ug/l	100
25) 2-Butanone	6.984	43	307770	260.472	ug/l	93
26) 2,2-Dichloropropane	6.978	77	203422	52.071	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	144202	53.219	ug/l	94
28) Bromochloromethane	7.332	49	82870	51.510	ug/l #	80
29) Tetrahydrofuran	7.350	42	187784	255.311	ug/l	90
30) Chloroform	7.502	83	238159	52.835	ug/l	92
31) Cyclohexane	7.783	56	211382	49.903	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	201593	50.118	ug/l	97
36) 1,1-Dichloropropene	7.917	75	178195	49.646	ug/l	97
37) Ethyl Acetate	7.069	43	131607	48.724	ug/l	97
38) Carbon Tetrachloride	7.899	117	182883	48.613	ug/l	98
39) Methylcyclohexane	9.185	83	212402	50.196	ug/l	96
40) Benzene	8.161	78	511550	50.595	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	57575	45.643	ug/l #	89
42) 1,2-Dichloroethane	8.234	62	168844	51.079	ug/l	99
43) Isopropyl Acetate	8.270	43	233012	51.108	ug/l	95
44) Trichloroethene	8.935	130	131630	48.943	ug/l	96
45) 1,2-Dichloropropane	9.215	63	136829	51.759	ug/l	99
46) Dibromomethane	9.301	93	79648	50.354	ug/l	94
47) Bromodichloromethane	9.496	83	184684	52.179	ug/l	99
48) Methyl methacrylate	9.289	41	109186	52.145	ug/l	92
49) 1,4-Dioxane	9.313	88	22315	987.786	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	644598	253.721	ug/l	95
52) Toluene	10.240	92	308805	50.754	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	196930	52.572	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	218425	51.821	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	104465	49.871	ug/l	94
56) Ethyl methacrylate	10.508	69	153627	52.863	ug/l	88
57) 1,3-Dichloropropane	10.788	76	183604	51.754	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	251605	230.884	ug/l	92
59) 2-Hexanone	10.831	43	477261	258.426	ug/l	96
60) Dibromochloromethane	10.983	129	130457	51.291	ug/l	99
61) 1,2-Dibromoethane	11.087	107	104910	50.941	ug/l	100
64) Tetrachloroethene	10.721	164	109567	47.616	ug/l	99
65) Chlorobenzene	11.514	112	332878	50.497	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	123412	50.058	ug/l	99
67) Ethyl Benzene	11.593	91	590315	50.997	ug/l	99
68) m/p-Xylenes	11.703	106	449853	102.228	ug/l	98
69) o-Xylene	12.026	106	218007	52.383	ug/l	99
70) Styrene	12.044	104	369439	53.091	ug/l	99
71) Bromoform	12.209	173	85116	49.289	ug/l #	99
73) Isopropylbenzene	12.331	105	558113	50.507	ug/l	98
74) N-amyl acetate	12.142	43	210967	53.650	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	135675	50.232	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	175259	86.878	ug/l #	100
77) Bromobenzene	12.611	156	135194	50.493	ug/l	90
78) n-propylbenzene	12.672	91	702595	51.620	ug/l	97
79) 2-Chlorotoluene	12.757	91	391271	51.478	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	466809	51.758	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	48553	50.408	ug/l	95
82) 4-Chlorotoluene	12.855	91	404663	51.080	ug/l	97
83) tert-Butylbenzene	13.074	119	392820	50.272	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	458724	52.314	ug/l	100
85) sec-Butylbenzene	13.251	105	596175	50.837	ug/l	98
86) p-Isopropyltoluene	13.367	119	487637	51.708	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	258488	50.673	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	254426	49.375	ug/l	99
89) n-Butylbenzene	13.696	91	476567	51.776	ug/l	98
90) Hexachloroethane	13.958	117	97636	49.191	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	234149	50.831	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	21735	45.564	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	137365	50.017	ug/l	98
94) Hexachlorobutadiene	15.111	225	77708	48.618	ug/l	98
95) Naphthalene	15.239	128	296302	49.725	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	120930	49.403	ug/l	99

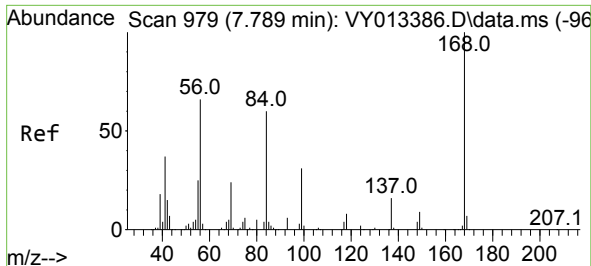
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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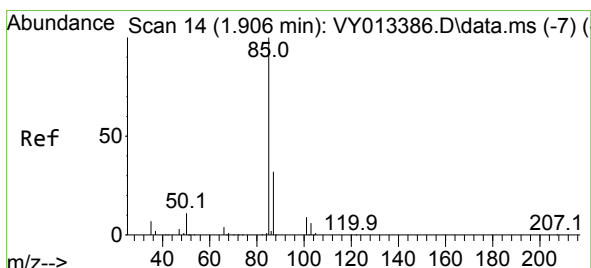
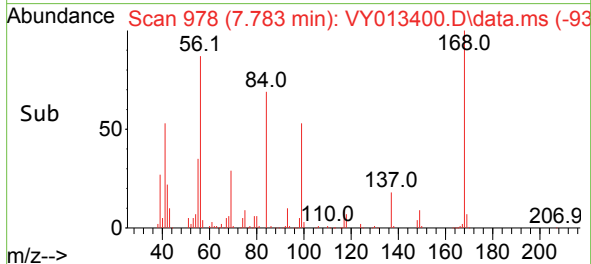
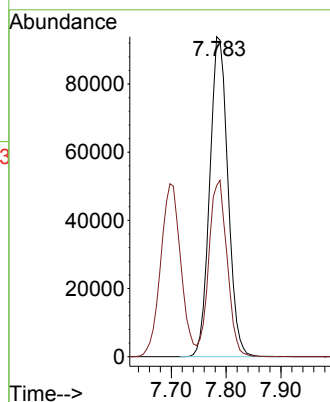
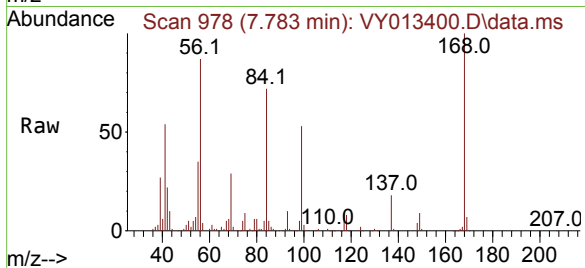
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013400.D
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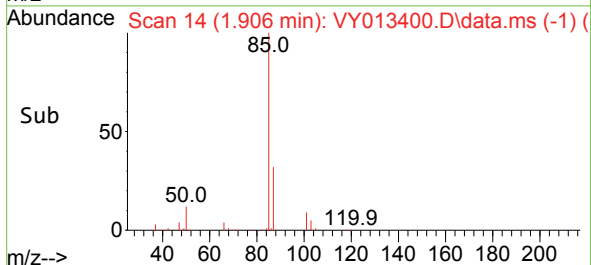
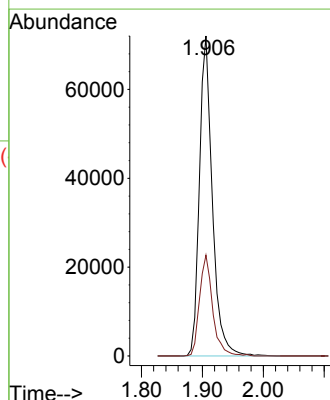
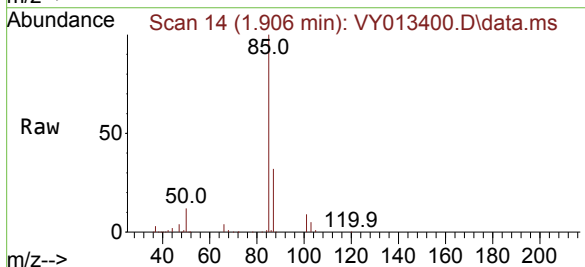
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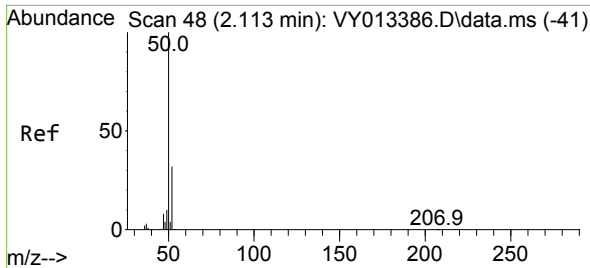
Tgt Ion:168 Resp: 215817
Ion Ratio Lower Upper
168 100
99 53.4 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 51.715 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

Tgt Ion: 85 Resp: 106106
Ion Ratio Lower Upper
85 100
87 31.5 16.1 48.2

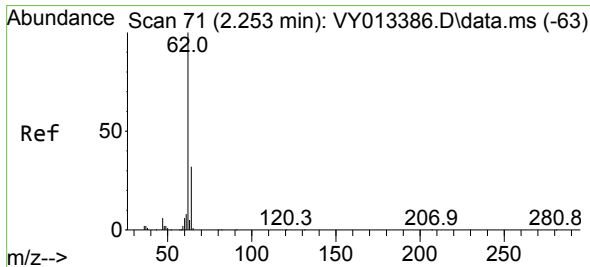
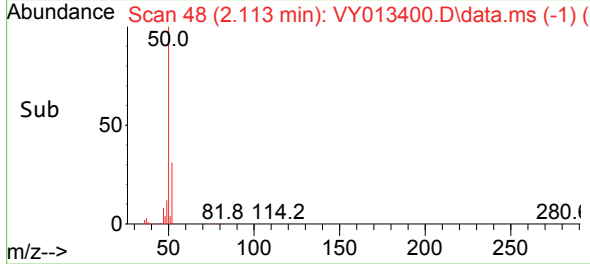
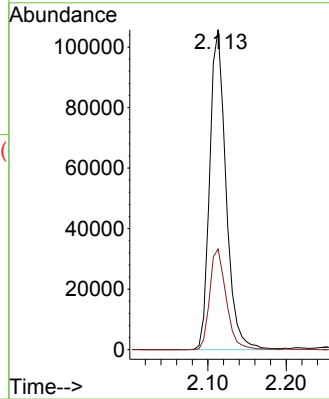
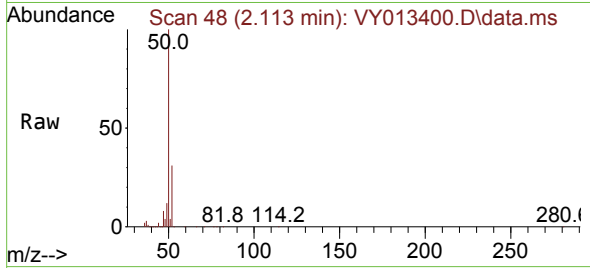




#3
Chloromethane
Concen: 55.548 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

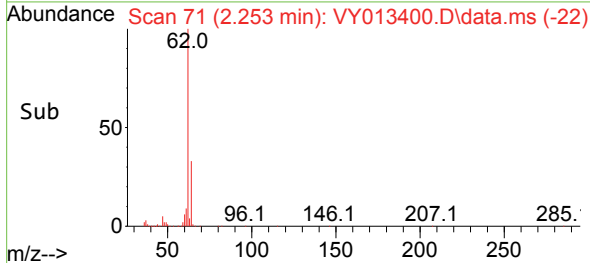
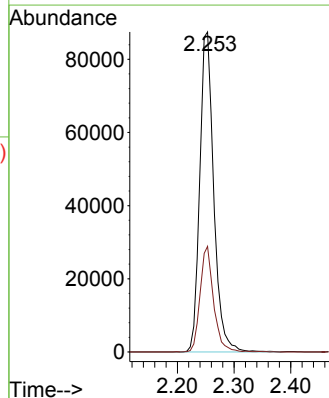
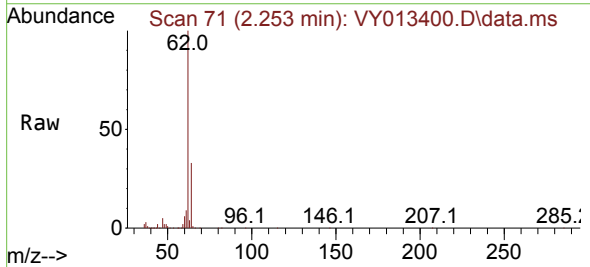
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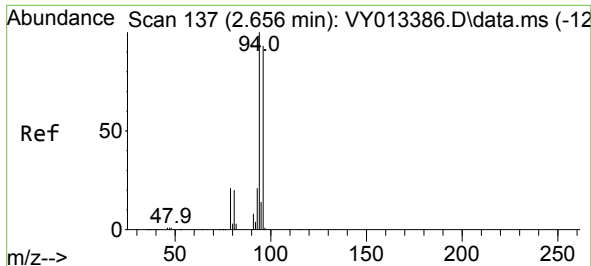
Tgt Ion: 50 Resp: 152769
Ion Ratio Lower Upper
50 100
52 31.5 25.9 38.9



#4
Vinyl Chloride
Concen: 54.746 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

Tgt Ion: 62 Resp: 149913
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.0

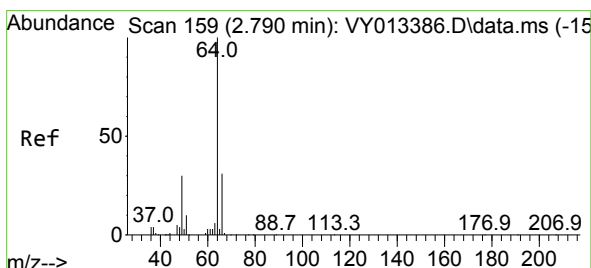
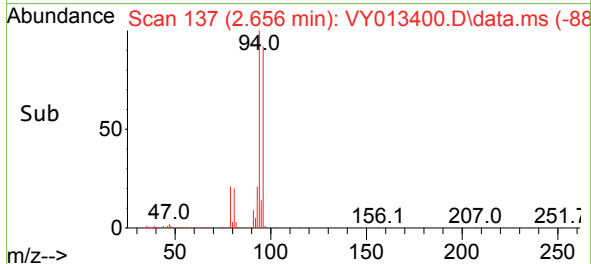
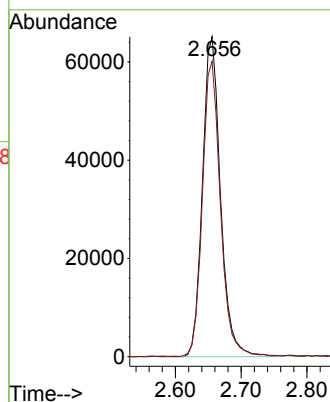
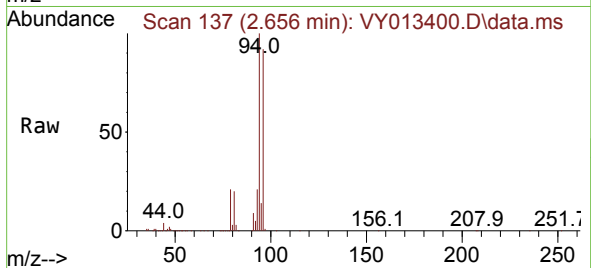




#5
Bromomethane
Concen: 56.833 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

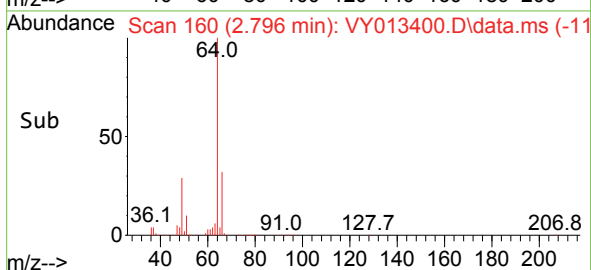
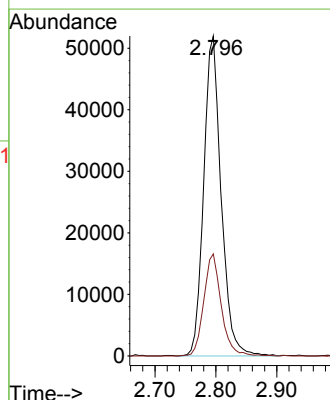
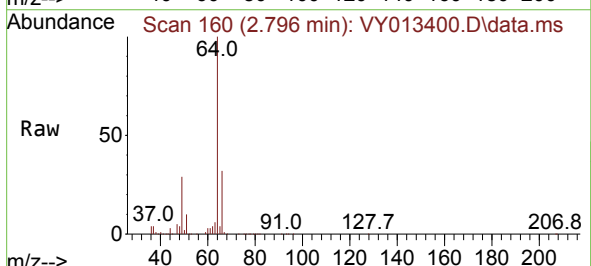
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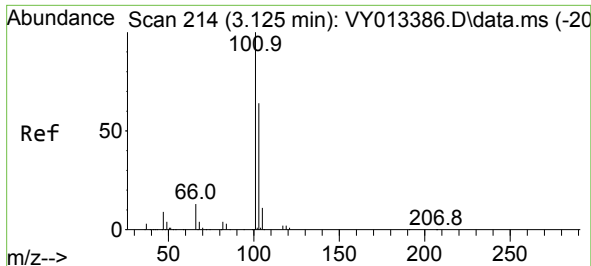
Tgt Ion: 94 Resp: 124019
Ion Ratio Lower Upper
94 100
96 92.2 74.2 111.2



#6
Chloroethane
Concen: 54.725 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

Tgt Ion: 64 Resp: 103526
Ion Ratio Lower Upper
64 100
66 31.9 24.6 37.0

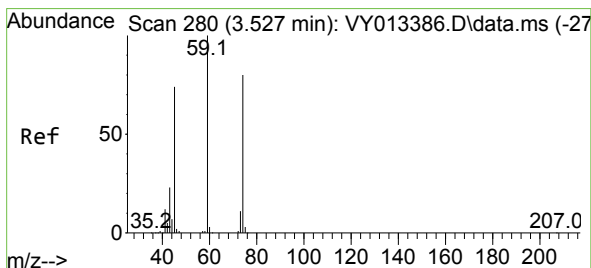
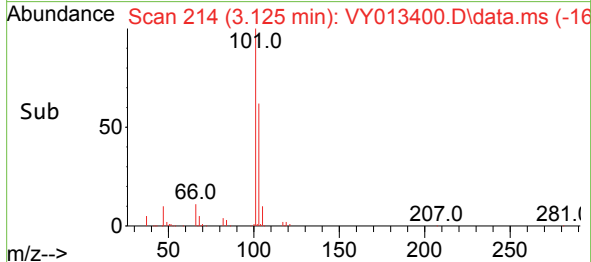
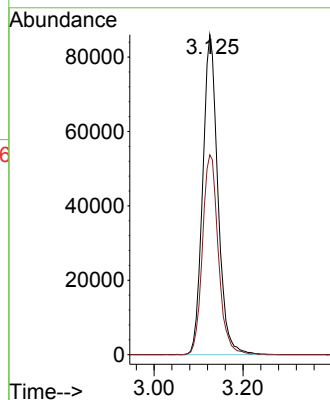
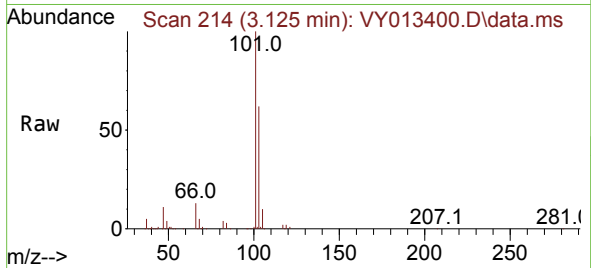




#7
 Trichlorofluoromethane
 Concen: 49.348 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013400.D
 Acq: 24 Apr 2023 14:26

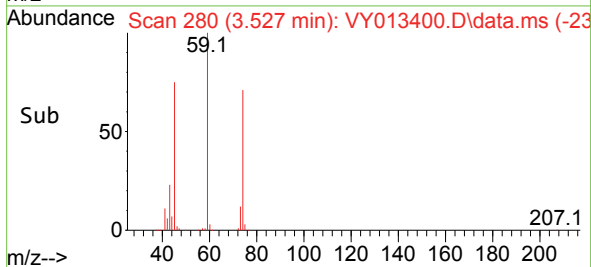
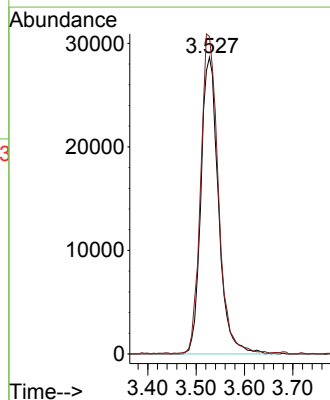
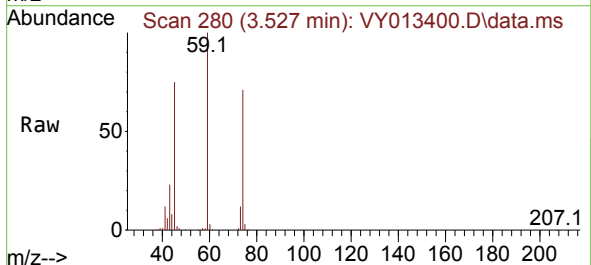
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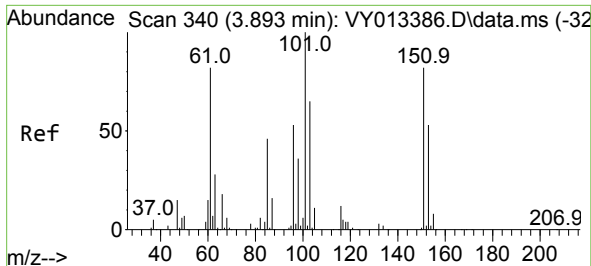
Tgt Ion:101 Resp: 204714
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.6 77.4



#8
 Diethyl Ether
 Concen: 50.979 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY013400.D
 Acq: 24 Apr 2023 14:26

Tgt Ion: 74 Resp: 72016
 Ion Ratio Lower Upper
 74 100
 45 109.5 48.2 144.6

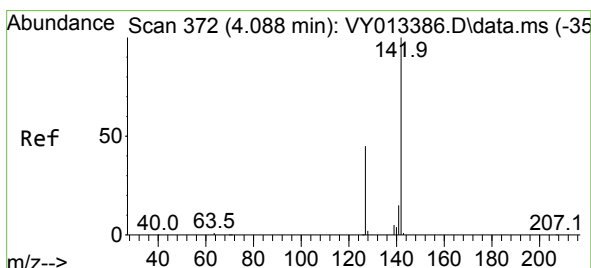
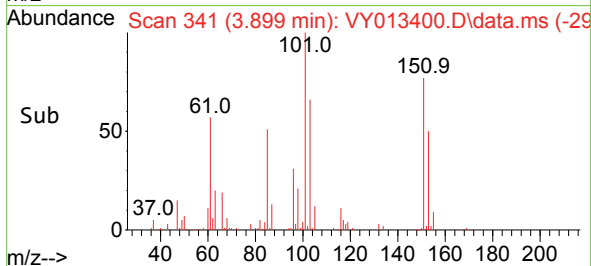
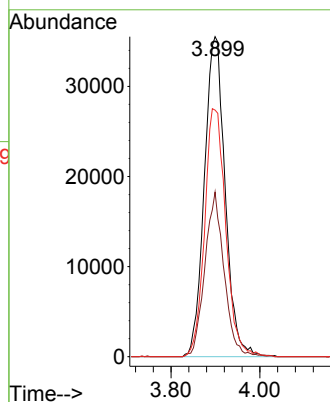
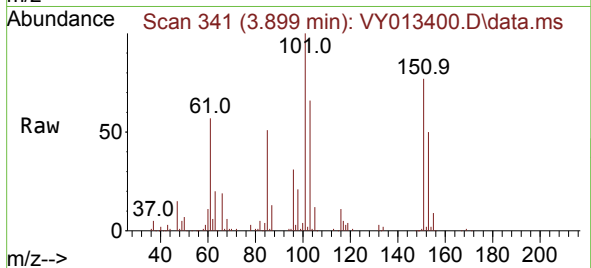




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.751 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY013400.D
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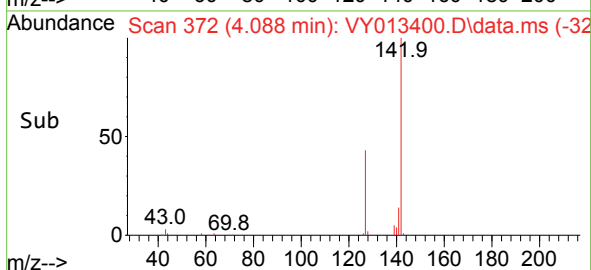
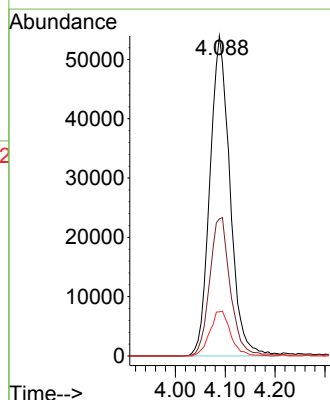
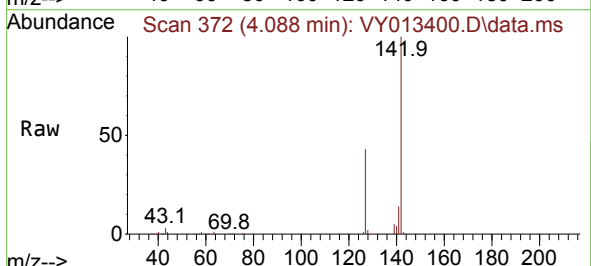
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042423

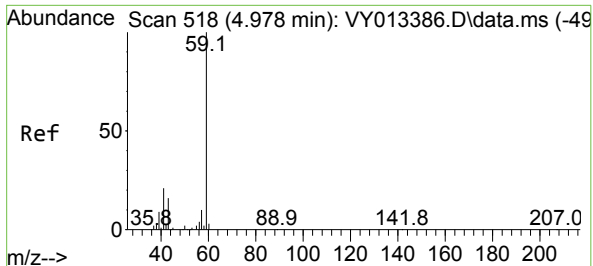
Tgt Ion:101 Resp: 115764
Ion Ratio Lower Upper
101 100
85 47.6 35.6 53.4
151 78.8 68.0 102.0



#10
Methyl Iodide
Concen: 51.728 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

Tgt Ion:142 Resp: 151177
Ion Ratio Lower Upper
142 100
127 44.4 36.1 54.1
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 240.477 ug/l

RT: 4.984 min Scan# 518

Delta R.T. 0.006 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

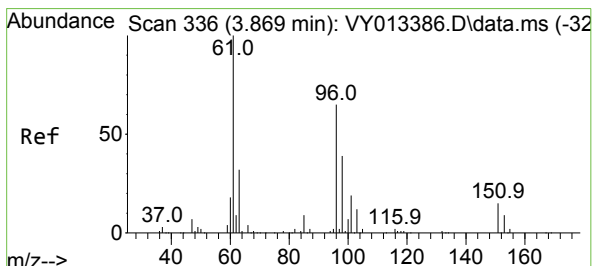
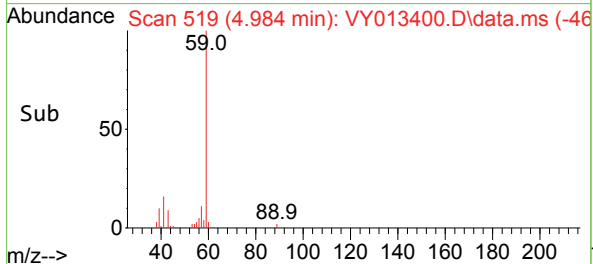
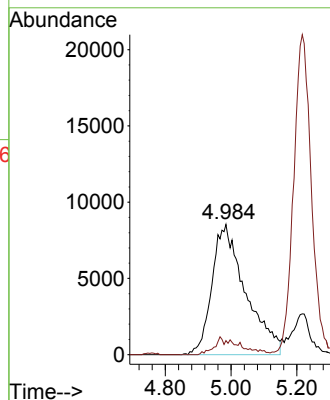
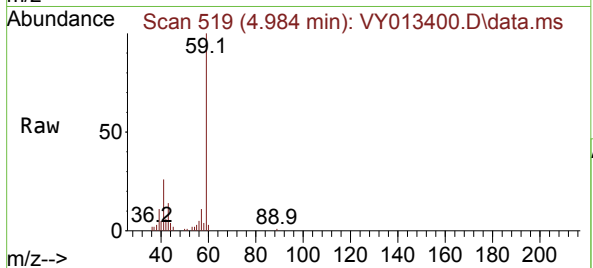
ICVVY042423

Tgt Ion: 59 Resp: 60624

Ion Ratio Lower Upper

59 100

57 3.8 3.0 4.4



#12

1,1-Dichloroethene

Concen: 49.332 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

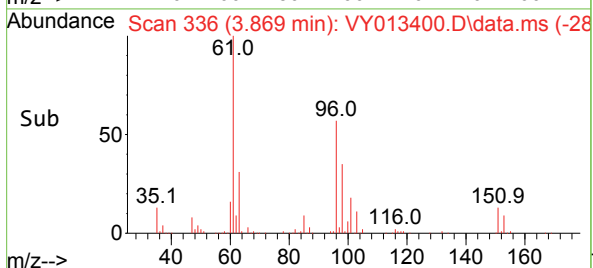
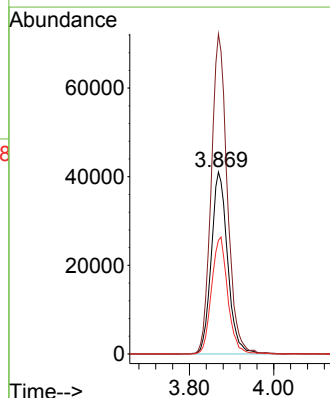
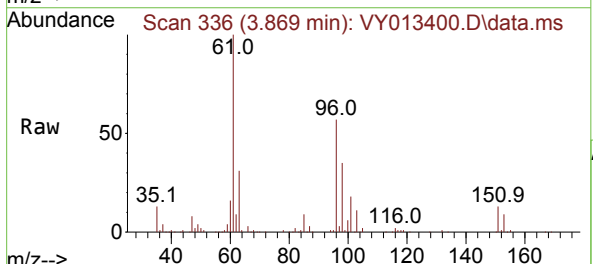
Tgt Ion: 96 Resp: 110650

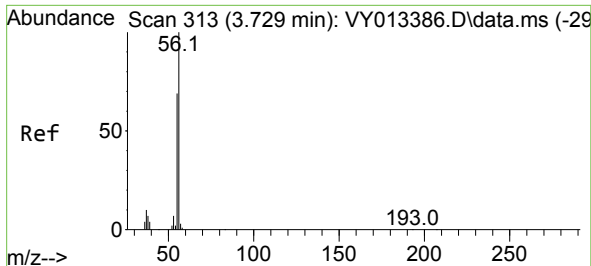
Ion Ratio Lower Upper

96 100

61 175.9 123.9 185.9

98 62.4 48.9 73.3





#13

Acrolein

Concen: 222.831 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

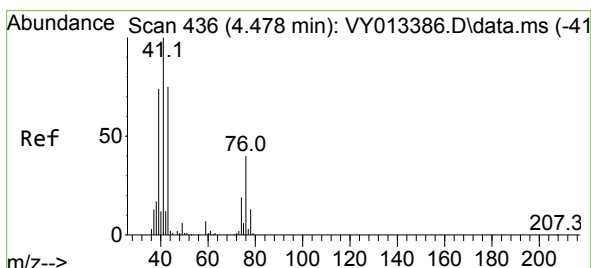
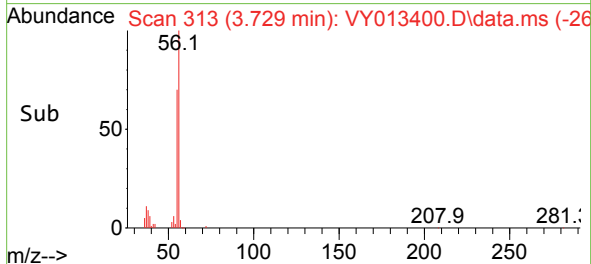
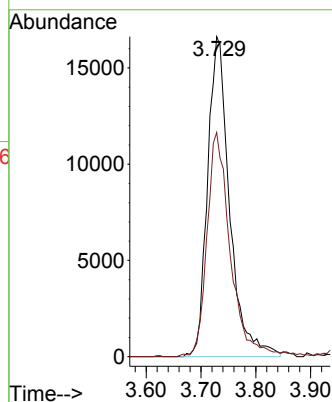
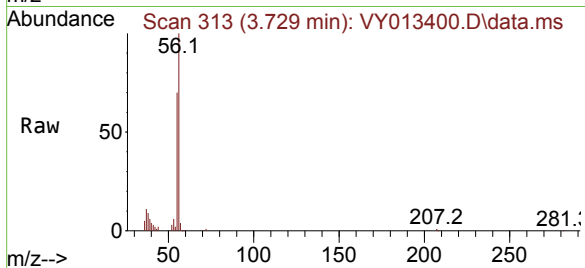
ICVVY042423

Tgt Ion: 56 Resp: 46261

Ion Ratio Lower Upper

56 100

55 74.5 54.1 81.1



#14

Allyl chloride

Concen: 52.735 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

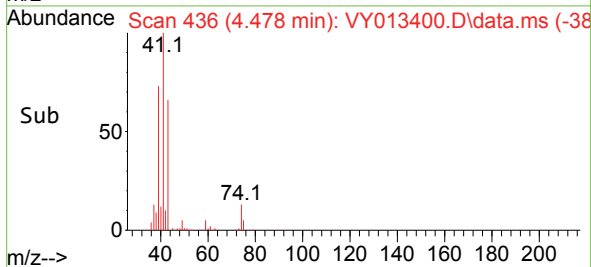
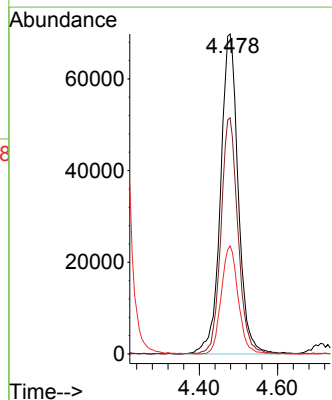
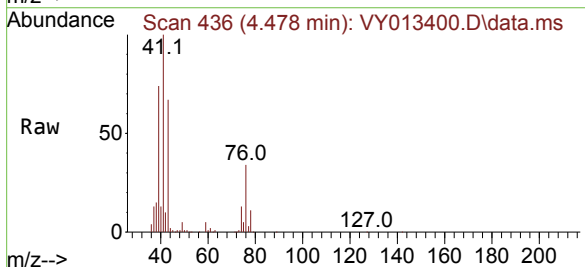
Tgt Ion: 41 Resp: 219475

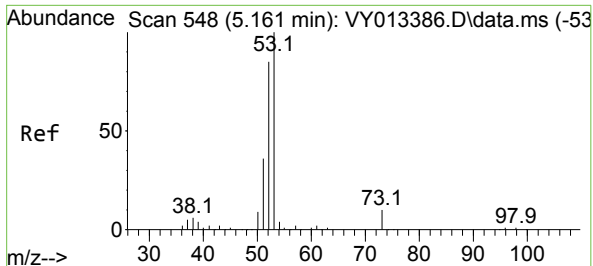
Ion Ratio Lower Upper

41 100

39 71.2 56.6 85.0

76 32.3 30.5 45.7





#15

Acrylonitrile

Concen: 249.663 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVY042423

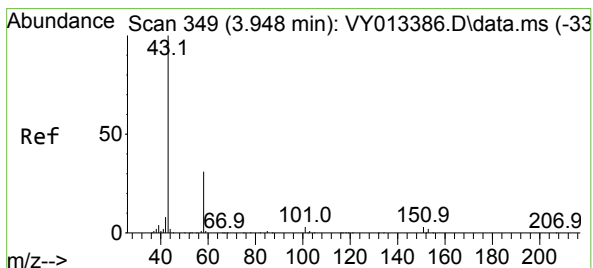
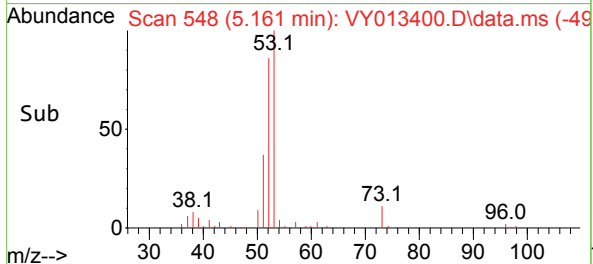
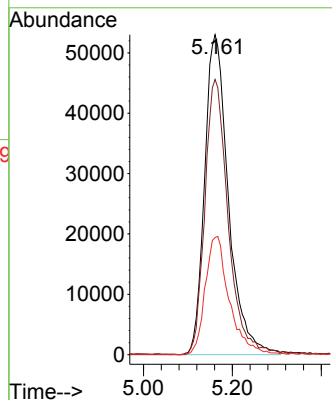
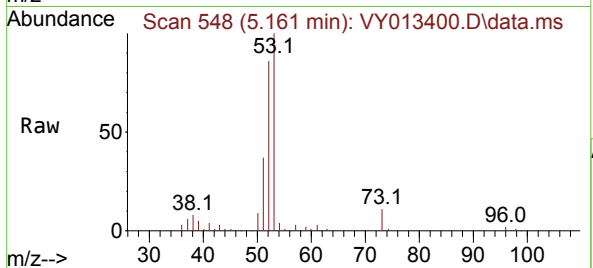
Tgt Ion: 53 Resp: 197518

Ion Ratio Lower Upper

53 100

52 84.3 65.4 98.0

51 37.5 29.3 43.9



#16

Acetone

Concen: 259.225 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY013400.D

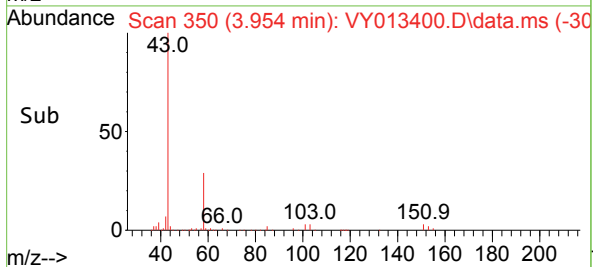
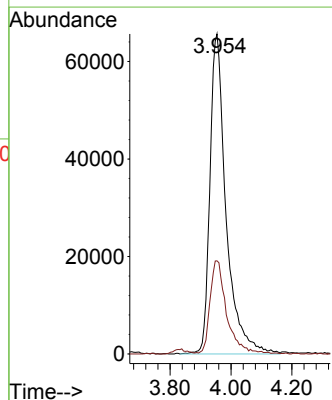
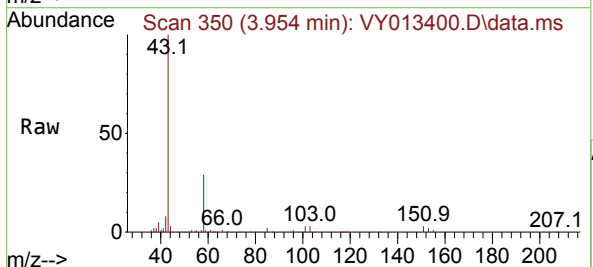
Acq: 24 Apr 2023 14:26

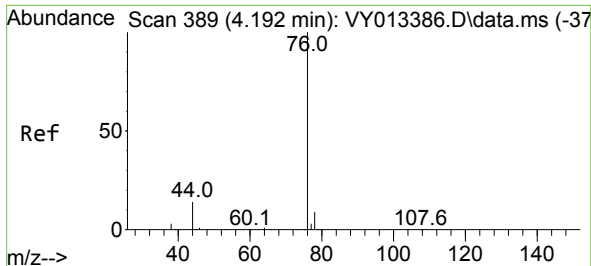
Tgt Ion: 43 Resp: 241517

Ion Ratio Lower Upper

43 100

58 28.9 25.4 38.0

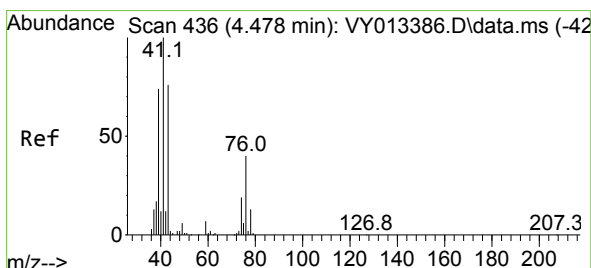
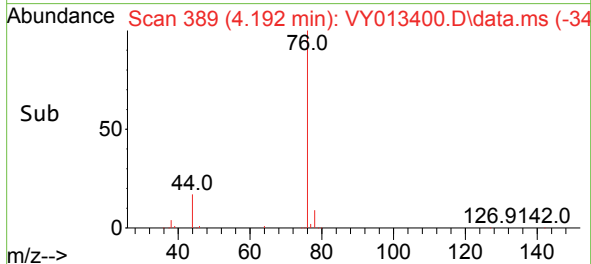
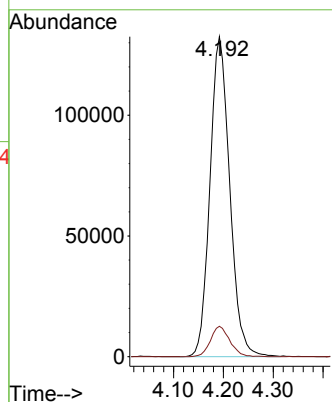
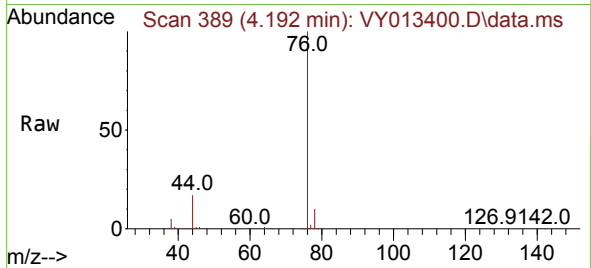




#17
Carbon Disulfide
Concen: 50.086 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

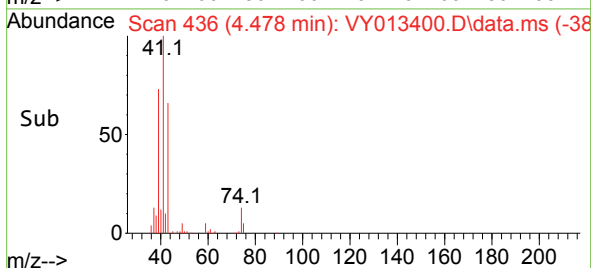
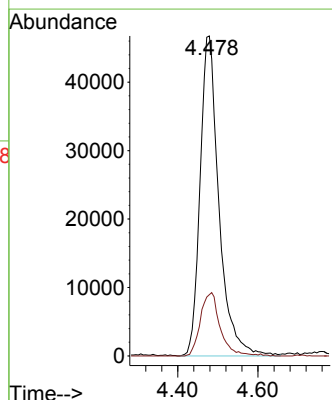
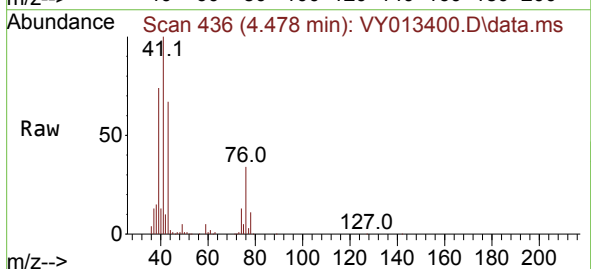
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042423

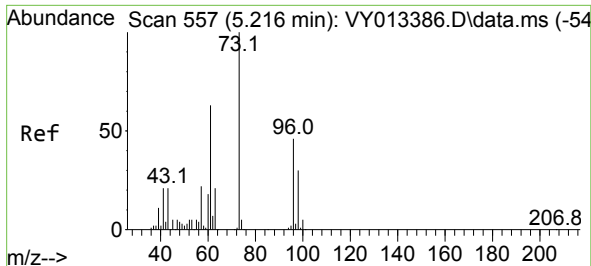
Tgt Ion: 76 Resp: 364916
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 49.606 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

Tgt Ion: 43 Resp: 152646
Ion Ratio Lower Upper
43 100
74 20.5 19.4 29.2

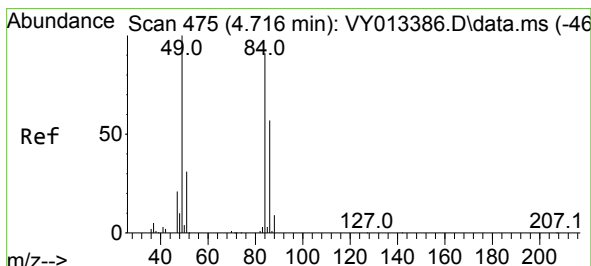
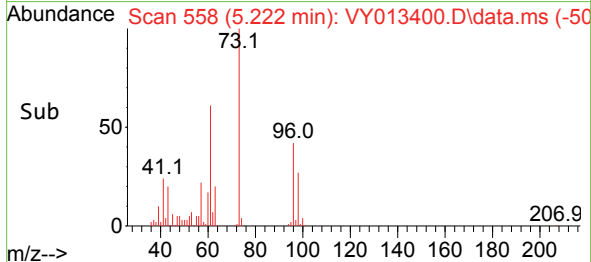
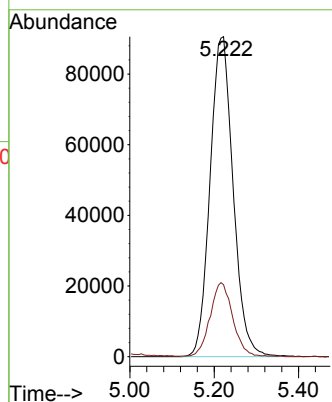
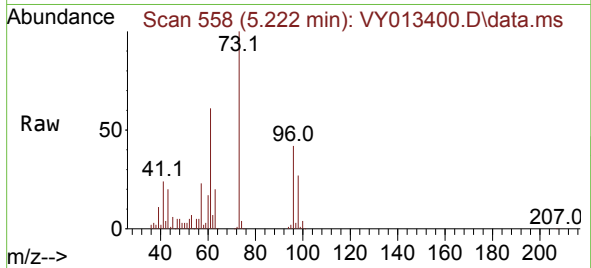




#19
Methyl tert-butyl Ether
Concen: 53.130 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

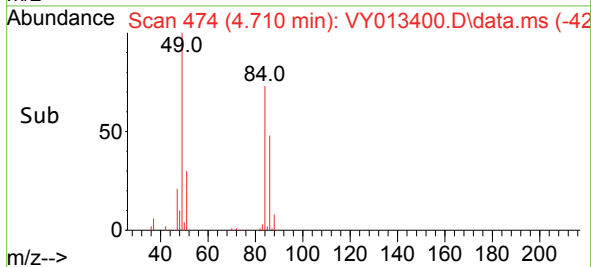
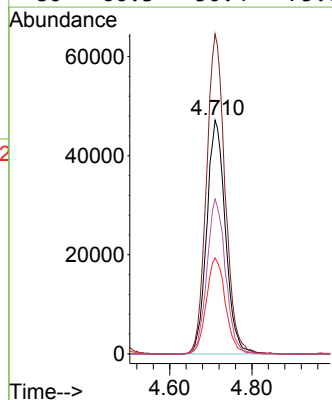
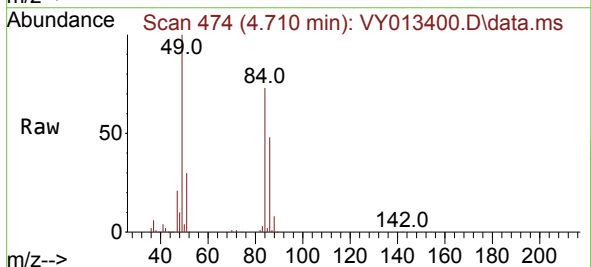
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042423

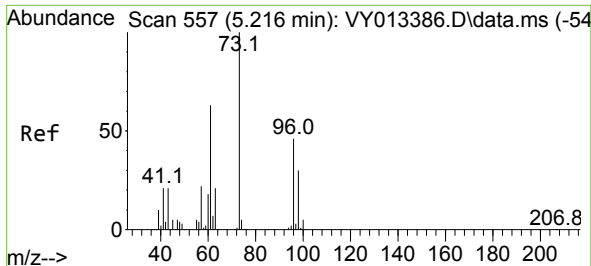
Tgt Ion: 73 Resp: 344036
Ion Ratio Lower Upper
73 100
57 22.4 17.8 26.8



#20
Methylene Chloride
Concen: 50.957 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

Tgt Ion: 84 Resp: 148277
Ion Ratio Lower Upper
84 100
49 136.9 88.0 132.0#
51 41.0 27.4 41.0
86 66.3 50.4 75.6

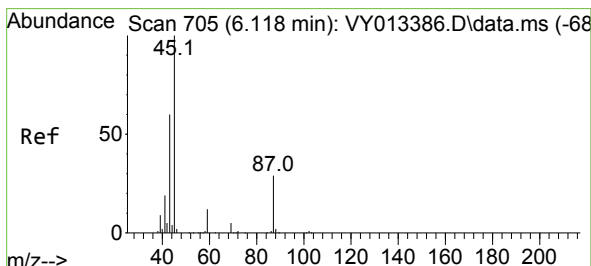
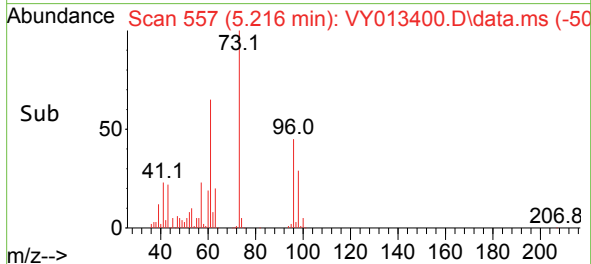
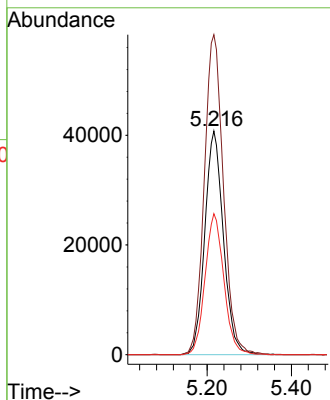
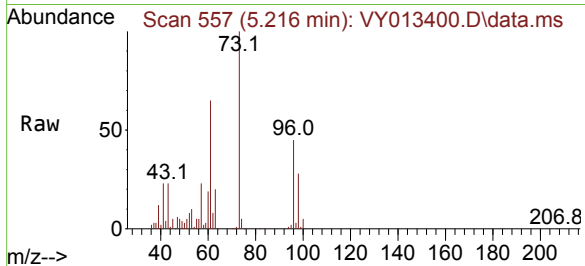




#21
trans-1,2-Dichloroethene
Concen: 51.047 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

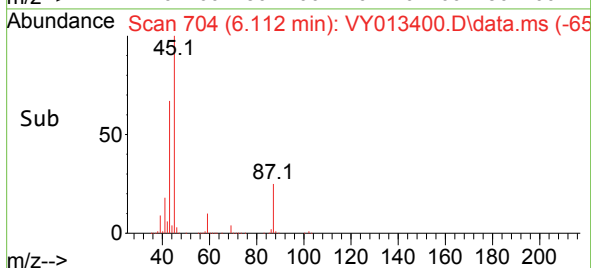
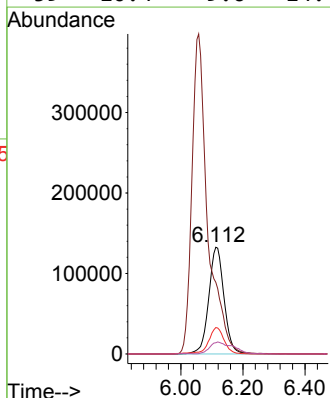
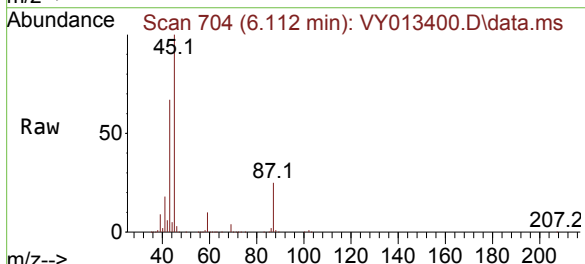
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042423

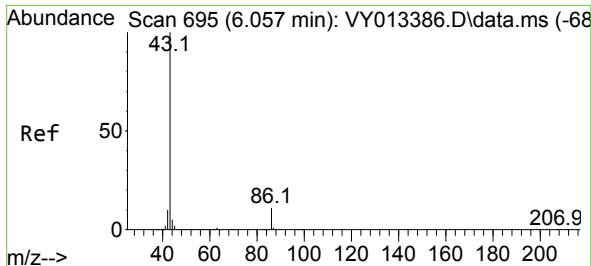
Tgt Ion: 96 Resp: 125187
Ion Ratio Lower Upper
96 100
61 143.1 110.6 165.8
98 63.0 53.1 79.7



#22
Diisopropyl ether
Concen: 55.665 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

Tgt Ion: 45 Resp: 452808
Ion Ratio Lower Upper
45 100
43 67.1 48.4 72.6
87 24.8 23.8 35.6
59 10.4 9.6 14.4

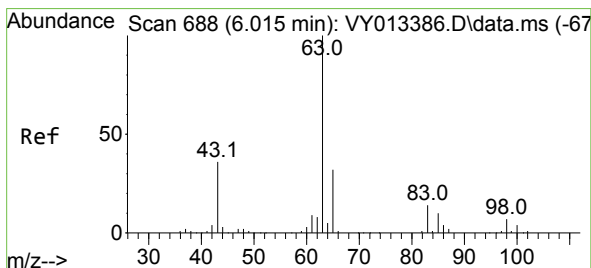
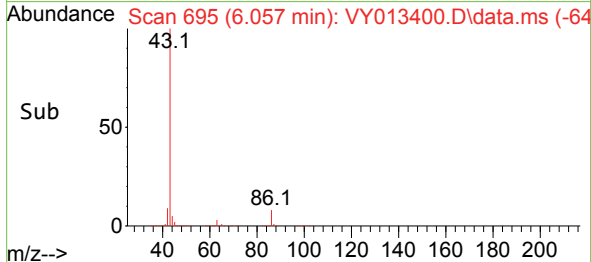
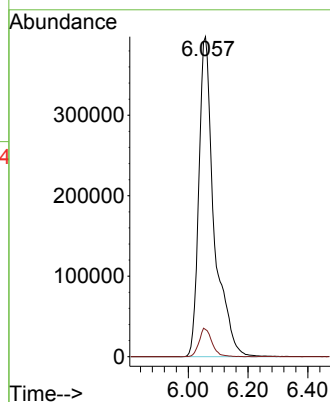
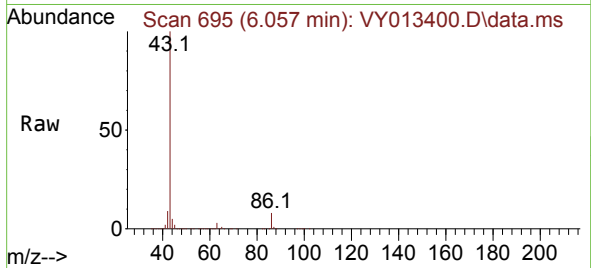




#23
 Vinyl Acetate
 Concen: 303.250 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY013400.D
 Acq: 24 Apr 2023 14:26

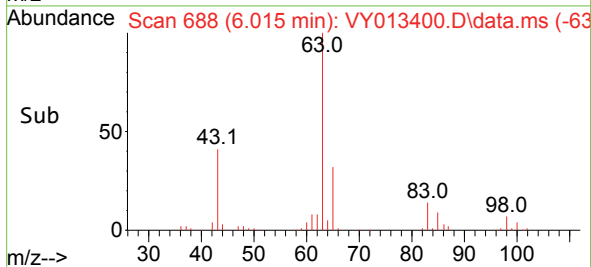
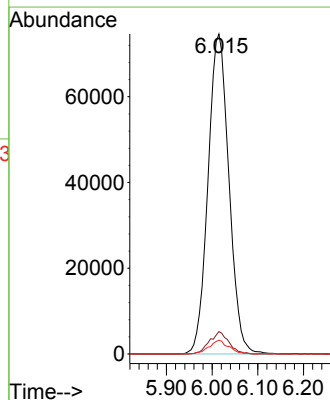
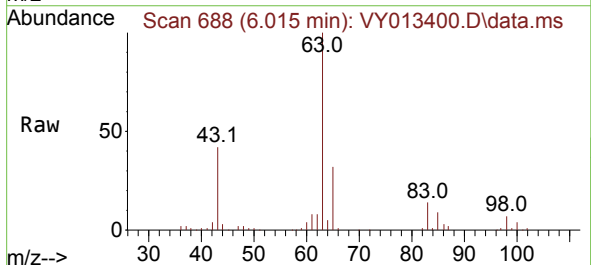
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY042423

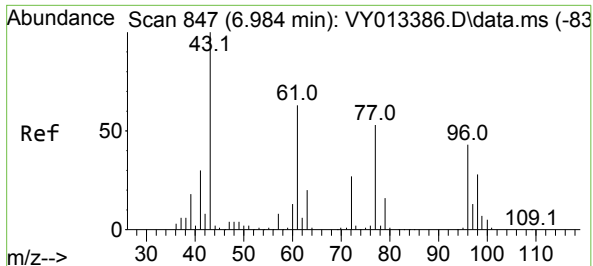
Tgt Ion: 43 Resp: 1407255
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 52.282 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013400.D
 Acq: 24 Apr 2023 14:26

Tgt Ion: 63 Resp: 237031
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.3 2.2 6.6





#25

2-Butanone

Concen: 260.472 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

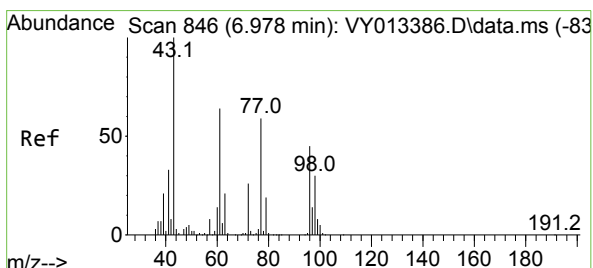
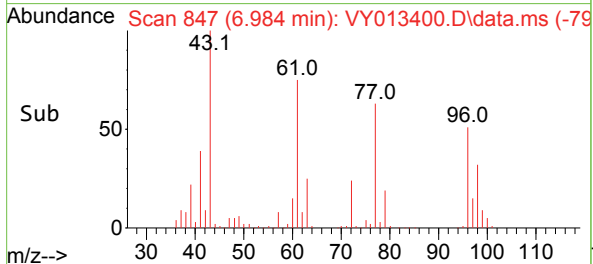
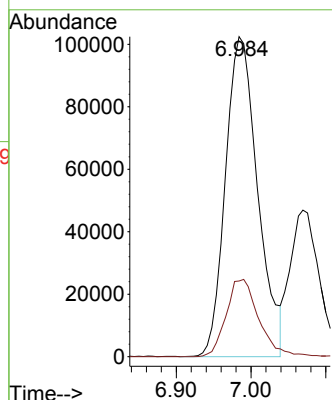
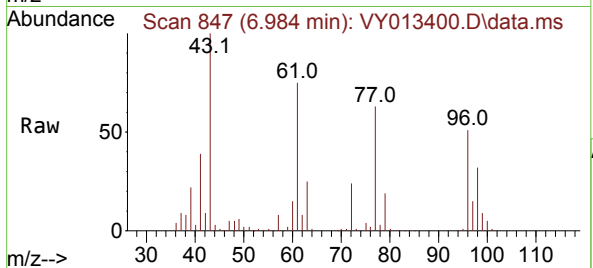
ICVY042423

Tgt Ion: 43 Resp: 307770

Ion Ratio Lower Upper

43 100

72 23.6 21.9 32.9



#26

2,2-Dichloropropane

Concen: 52.071 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY013400.D

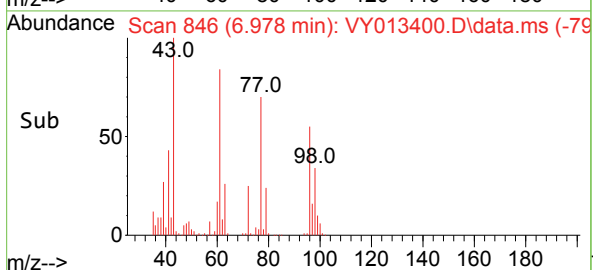
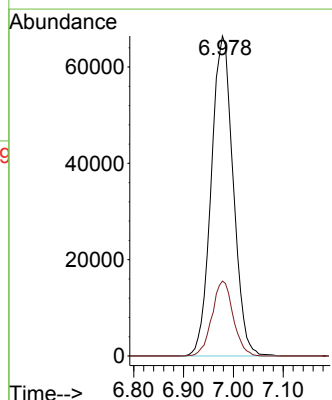
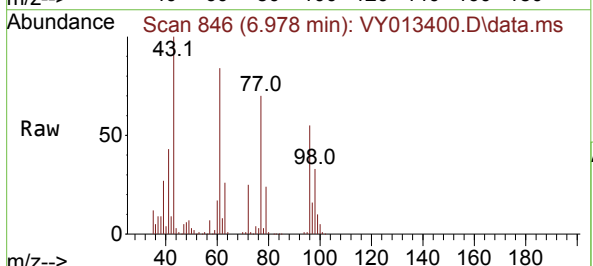
Acq: 24 Apr 2023 14:26

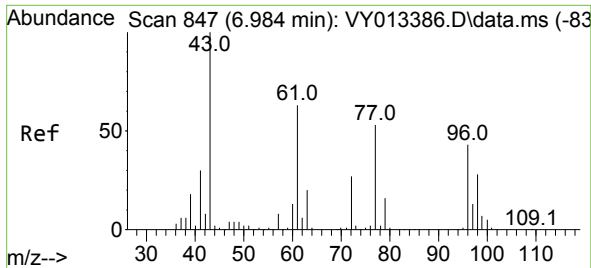
Tgt Ion: 77 Resp: 203422

Ion Ratio Lower Upper

77 100

97 22.6 11.8 35.4

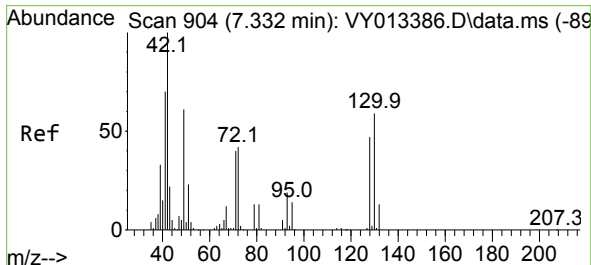
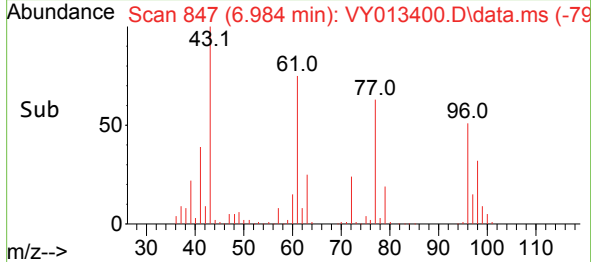
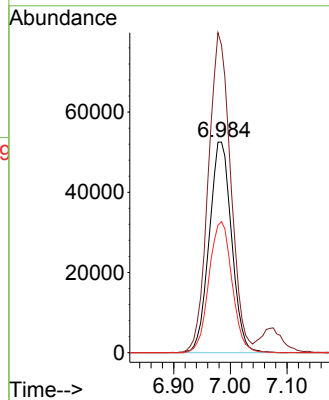
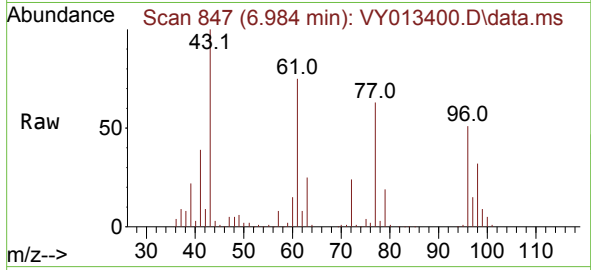




#27
 cis-1,2-Dichloroethene
 Concen: 53.219 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013400.D
 Acq: 24 Apr 2023 14:26

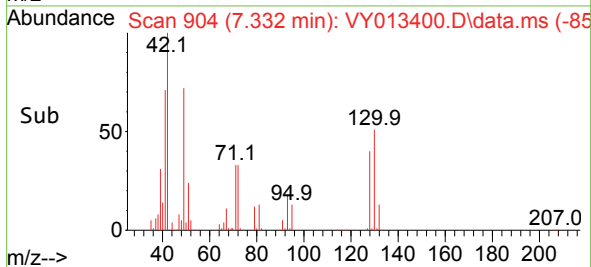
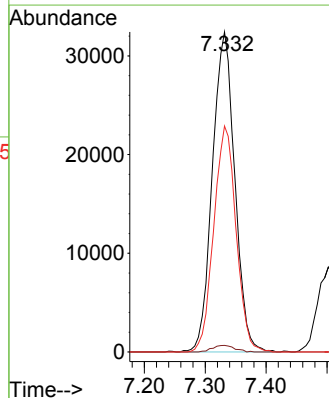
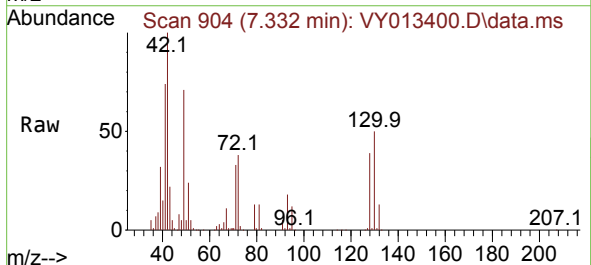
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY042423

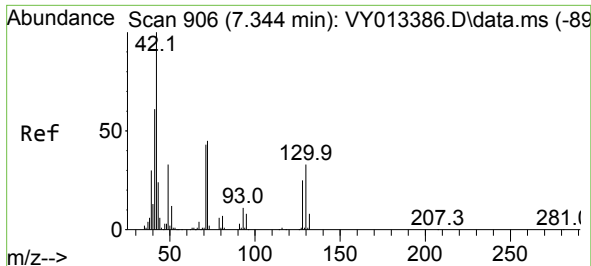
Tgt Ion: 96 Resp: 144202
 Ion Ratio Lower Upper
 96 100
 61 151.9 0.0 285.0
 98 64.1 0.0 130.6



#28
 Bromochloromethane
 Concen: 51.510 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013400.D
 Acq: 24 Apr 2023 14:26

Tgt Ion: 49 Resp: 82870
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 5.2
 130 70.3 72.1 108.1#





#29

Tetrahydrofuran

Concen: 255.311 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY042423

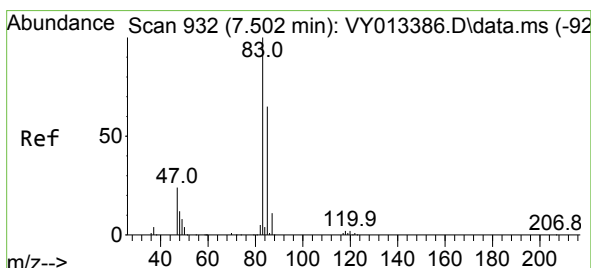
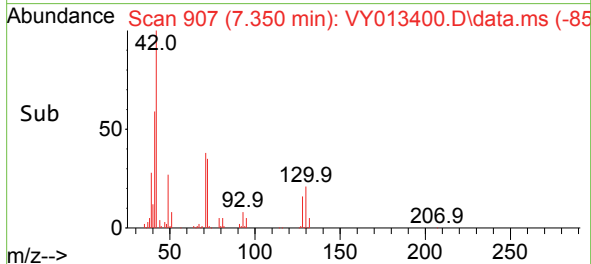
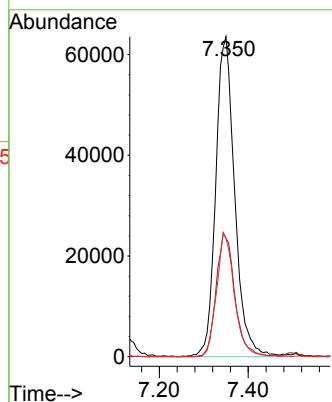
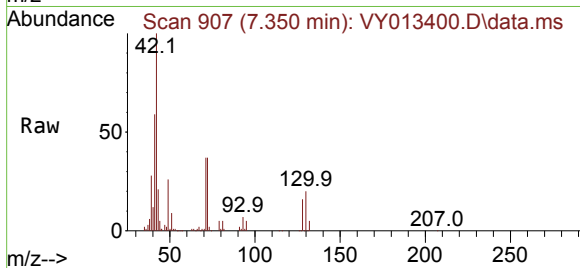
Tgt Ion: 42 Resp: 187784

Ion Ratio Lower Upper

42 100

72 37.8 35.9 53.9

71 36.5 34.3 51.5



#30

Chloroform

Concen: 52.835 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013400.D

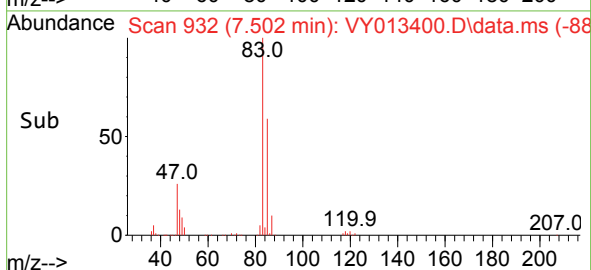
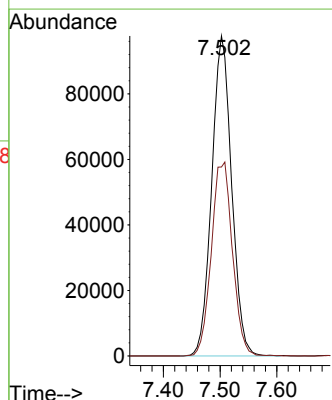
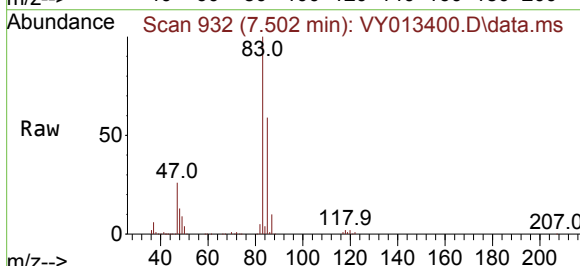
Acq: 24 Apr 2023 14:26

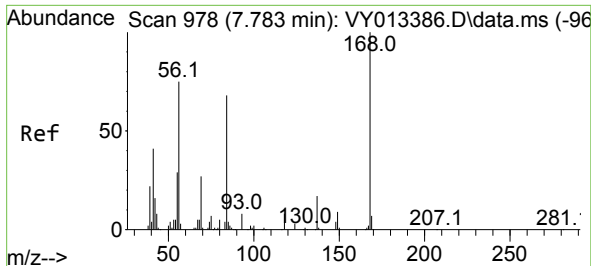
Tgt Ion: 83 Resp: 238159

Ion Ratio Lower Upper

83 100

85 59.0 52.0 78.0

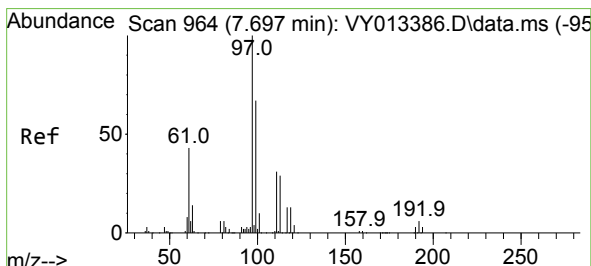
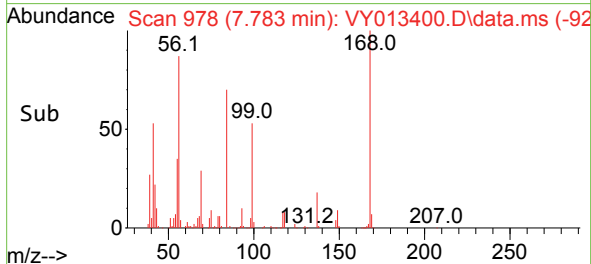
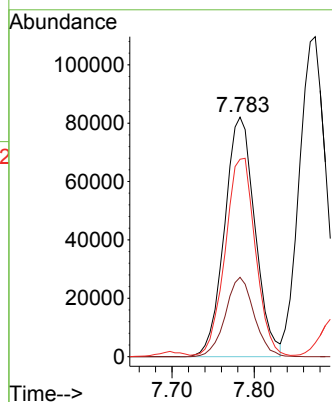
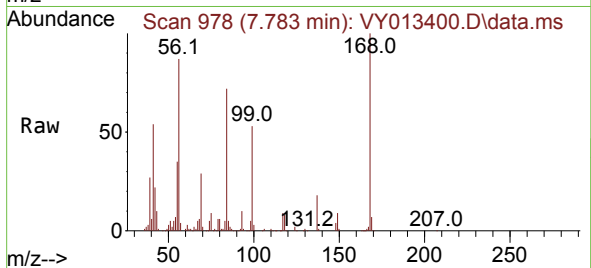




#31
Cyclohexane
Concen: 49.903 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

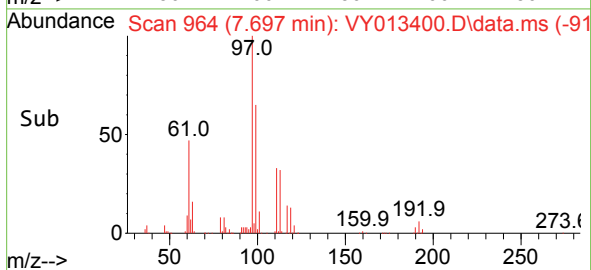
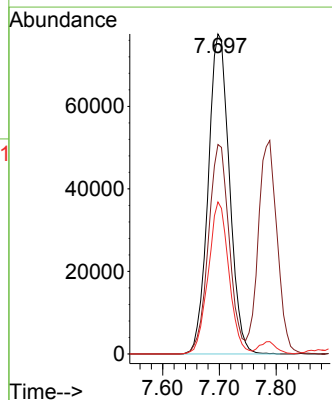
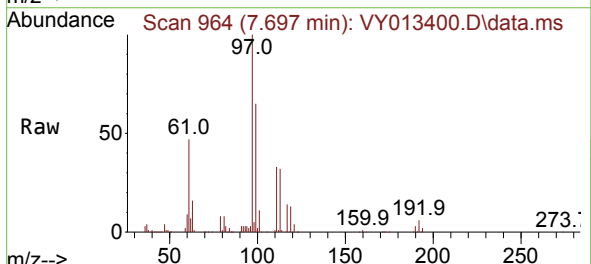
Instrument :
MSVOA_Y
ClientSampleId :
ICVY042423

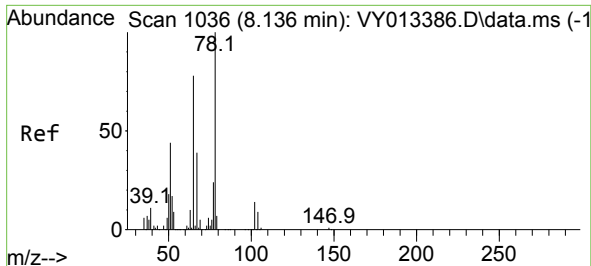
Tgt Ion: 56 Resp: 211382
Ion Ratio Lower Upper
56 100
69 33.1 29.2 43.8
84 80.6 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 50.118 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

Tgt Ion: 97 Resp: 201593
Ion Ratio Lower Upper
97 100
99 64.5 52.2 78.2
61 46.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.196 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

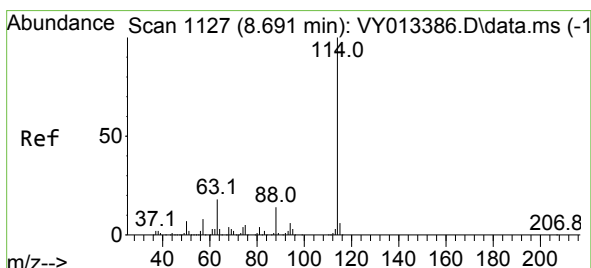
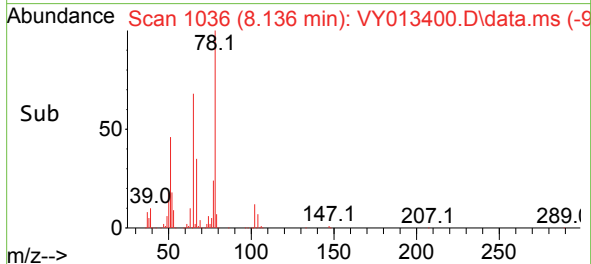
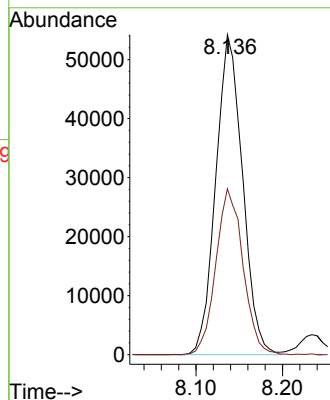
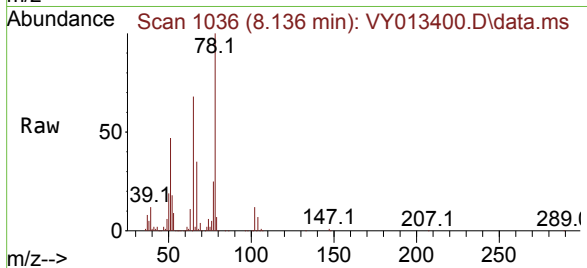
ICVY042423

Tgt Ion: 65 Resp: 116389

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

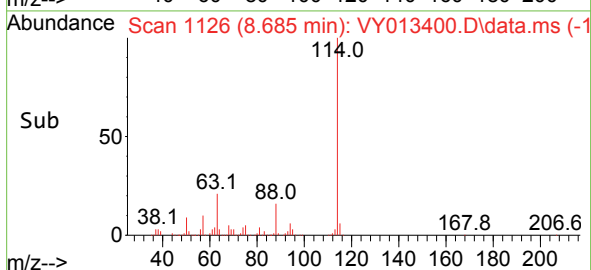
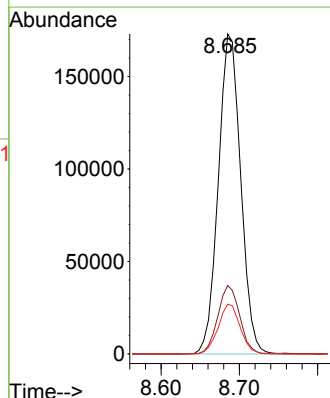
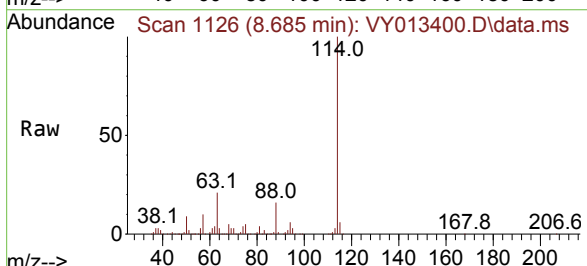
Tgt Ion: 114 Resp: 343860

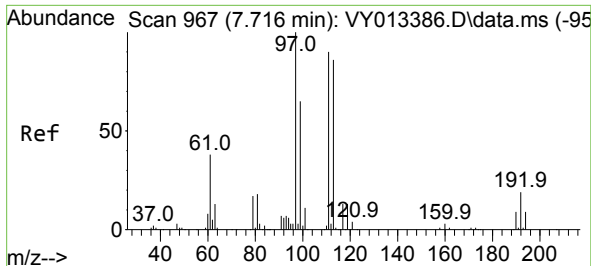
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.6

88 15.5 0.0 28.8

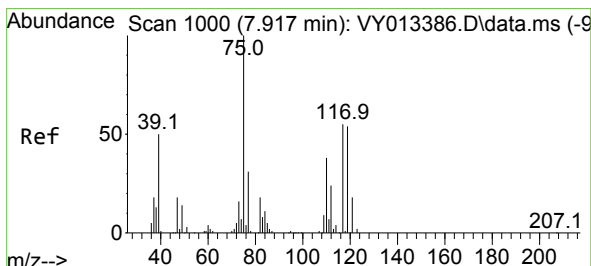
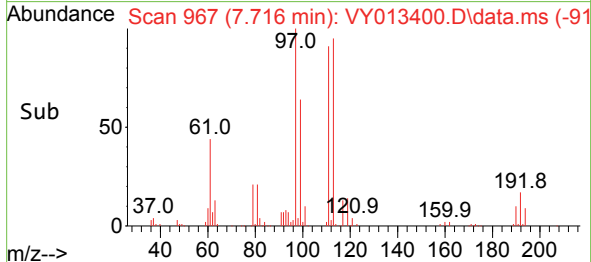
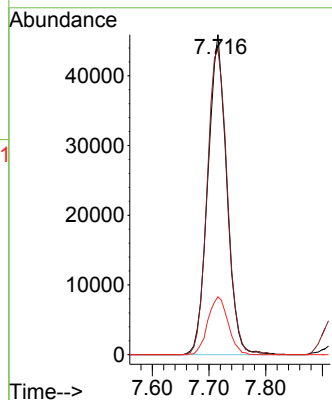
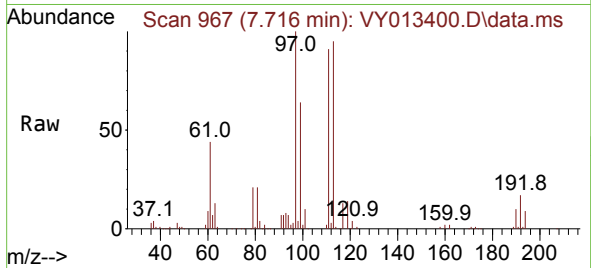




#35
 Dibromofluoromethane
 Concen: 49.053 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY013400.D
 Acq: 24 Apr 2023 14:26

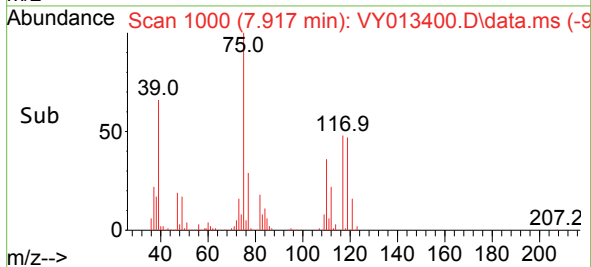
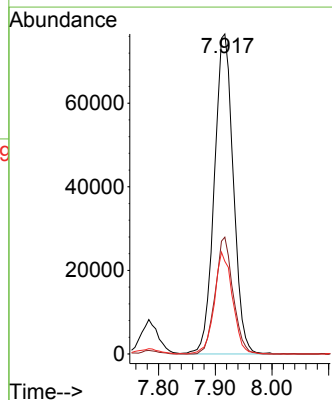
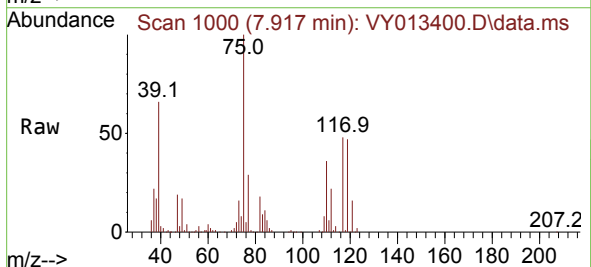
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY042423

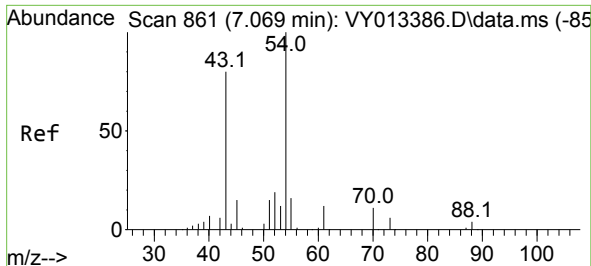
Tgt Ion:113 Resp: 106088
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.2 123.2
 192 19.3 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 49.646 ug/l
 RT: 7.917 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VY013400.D
 Acq: 24 Apr 2023 14:26

Tgt Ion: 75 Resp: 178195
 Ion Ratio Lower Upper
 75 100
 110 34.2 18.7 56.1
 77 30.5 24.6 37.0





#37

Ethyl Acetate

Concen: 48.724 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVY042423

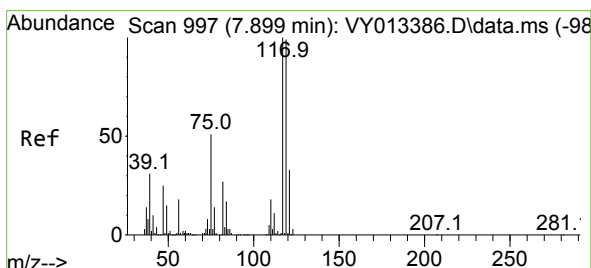
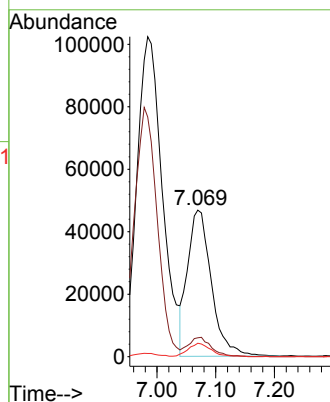
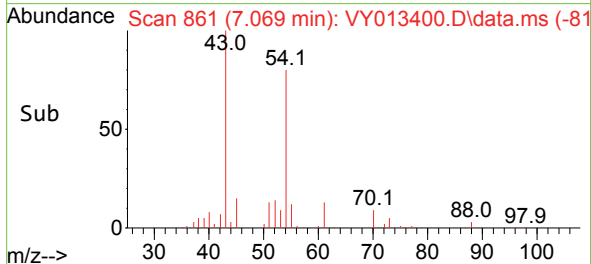
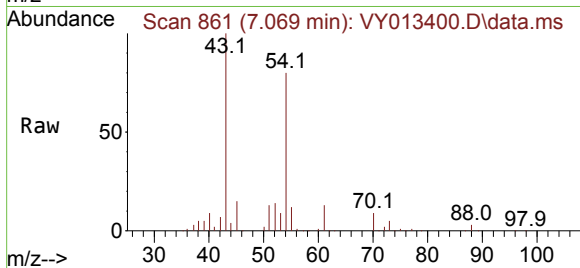
Tgt Ion: 43 Resp: 131607

Ion Ratio Lower Upper

43 100

61 12.7 11.4 17.0

70 8.9 7.9 11.9



#38

Carbon Tetrachloride

Concen: 48.613 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

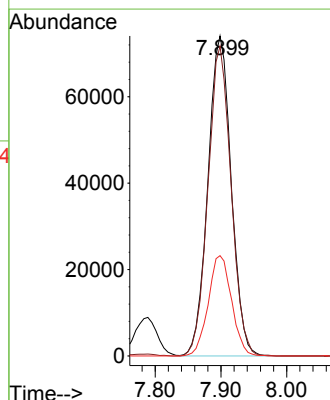
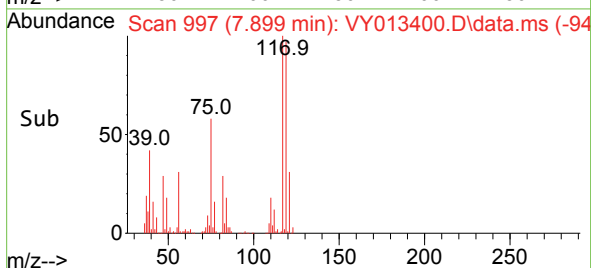
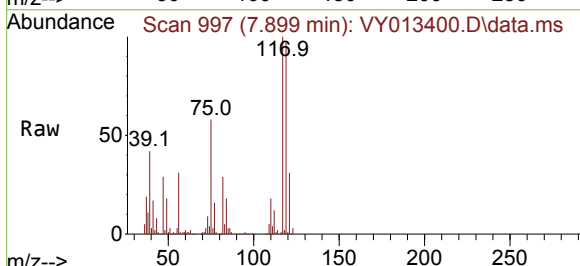
Tgt Ion: 117 Resp: 182883

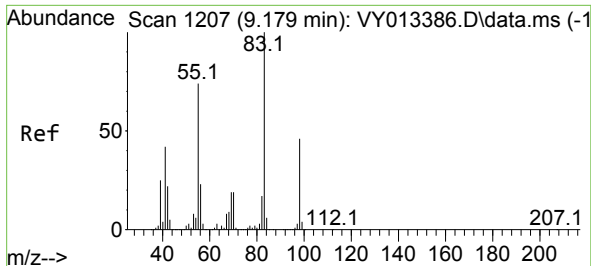
Ion Ratio Lower Upper

117 100

119 96.9 79.0 118.6

121 31.4 26.6 40.0





#39

Methylcyclohexane

Concen: 50.196 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVY042423

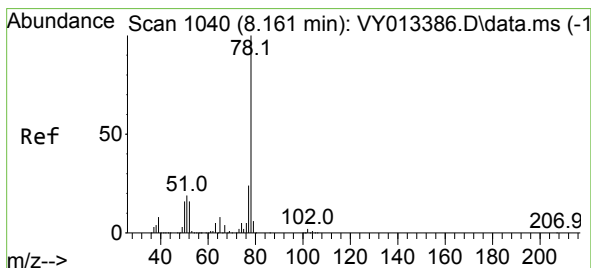
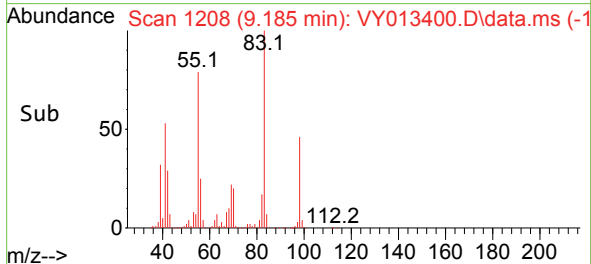
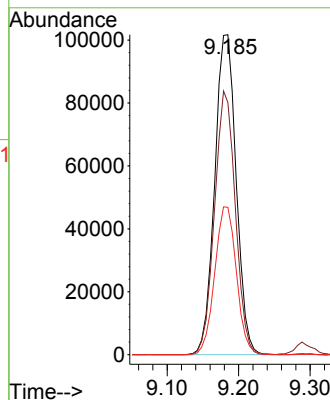
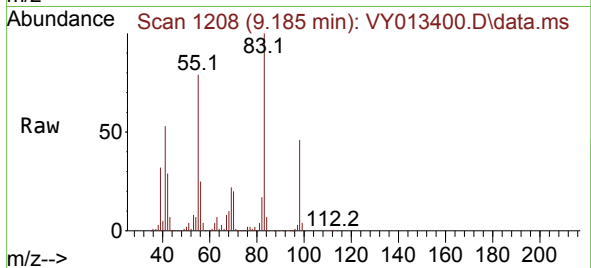
Tgt Ion: 83 Resp: 212402

Ion Ratio Lower Upper

83 100

55 78.8 59.0 88.4

98 46.0 37.0 55.4



#40

Benzene

Concen: 50.595 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013400.D

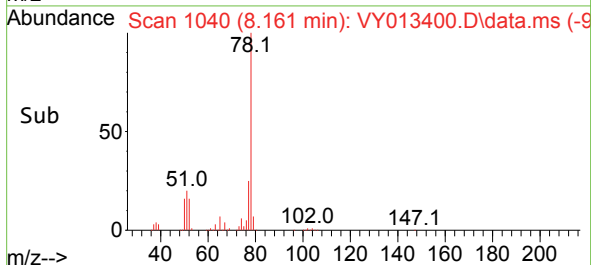
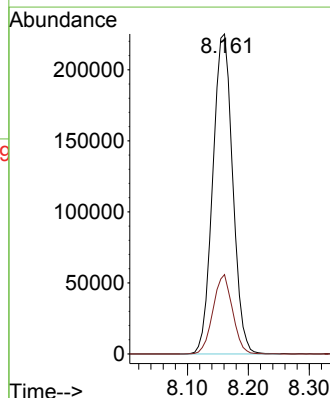
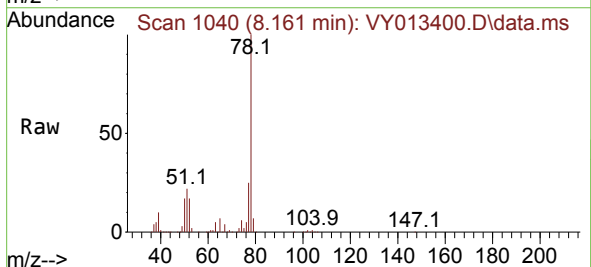
Acq: 24 Apr 2023 14:26

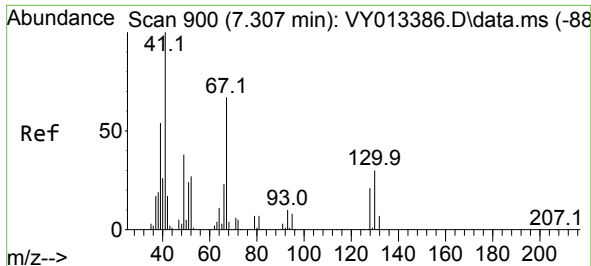
Tgt Ion: 78 Resp: 511550

Ion Ratio Lower Upper

78 100

77 24.8 19.2 28.8

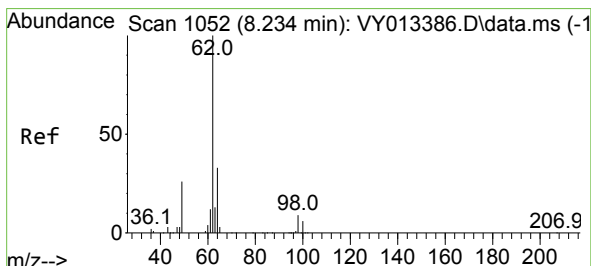
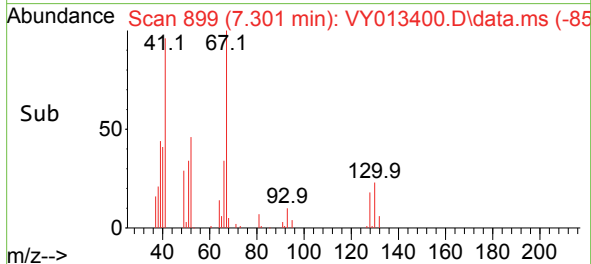
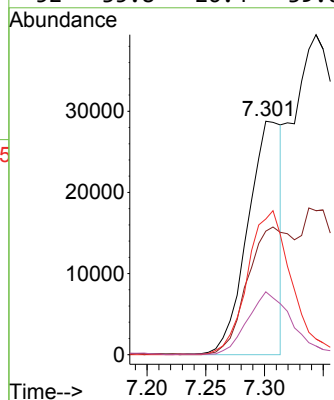
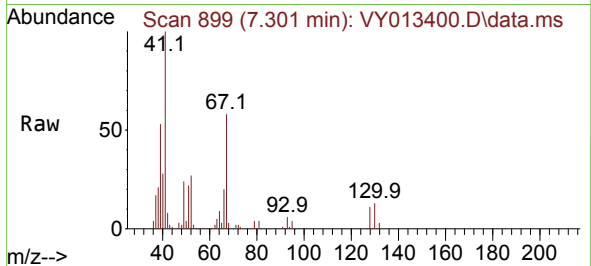




#41
Methacrylonitrile
Concen: 45.643 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

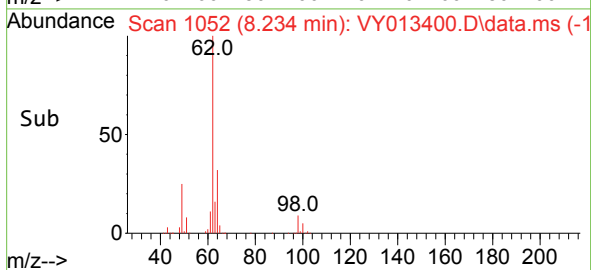
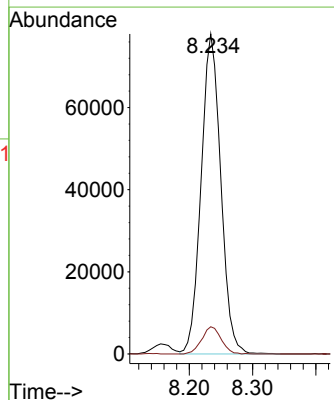
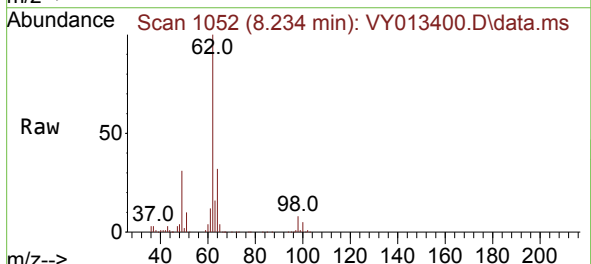
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042423

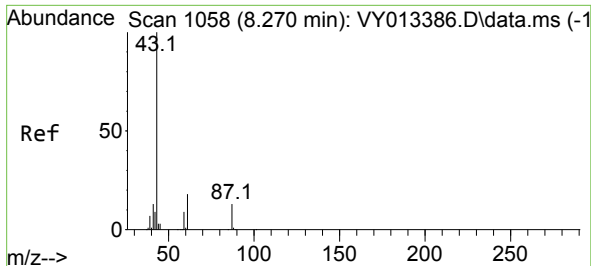
Tgt Ion: 41 Resp: 57575
Ion Ratio Lower Upper
41 100
39 72.9 44.2 66.4#
67 81.3 62.9 94.3
52 35.8 26.4 39.6



#42
1,2-Dichloroethane
Concen: 51.079 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

Tgt Ion: 62 Resp: 168844
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.8

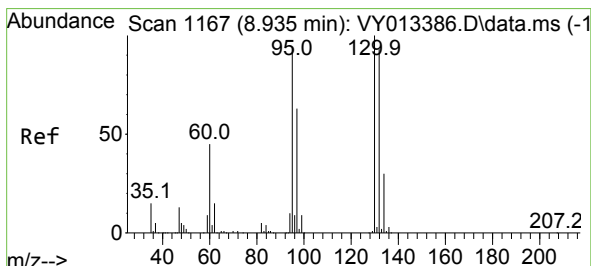
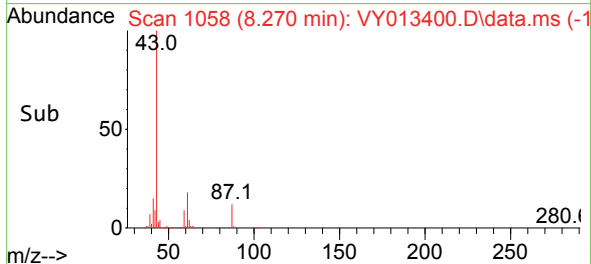
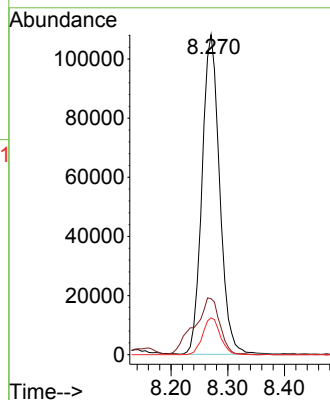
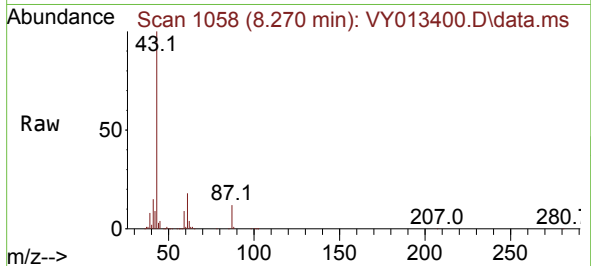




#43
Isopropyl Acetate
Concen: 51.108 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

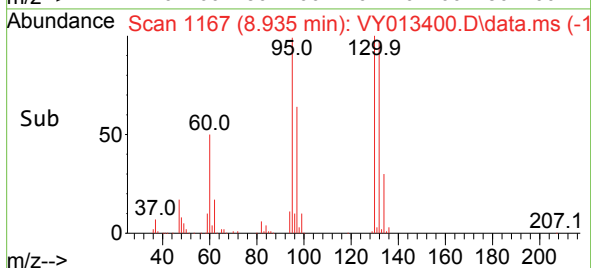
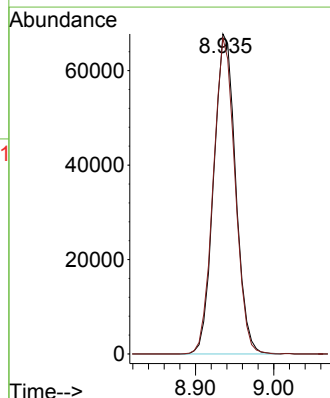
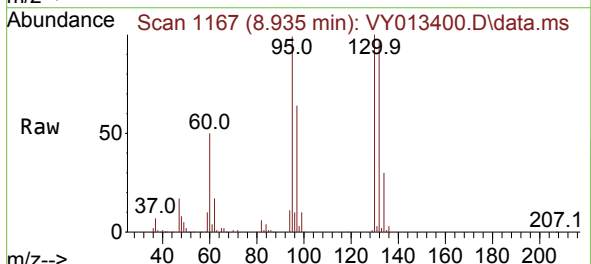
Instrument :
MSVOA_Y
ClientSampleId :
ICVY042423

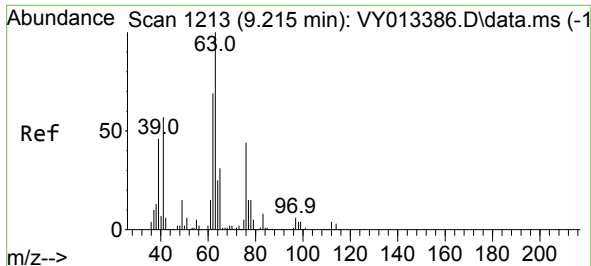
Tgt Ion: 43 Resp: 233012
Ion Ratio Lower Upper
43 100
61 25.7 22.2 33.4
87 11.5 11.0 16.6



#44
Trichloroethene
Concen: 48.943 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

Tgt Ion:130 Resp: 131630
Ion Ratio Lower Upper
130 100
95 98.7 0.0 188.8





#45

1,2-Dichloropropane

Concen: 51.759 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

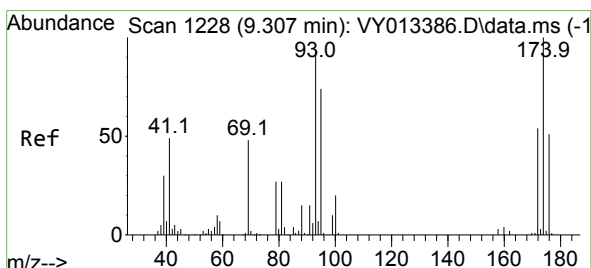
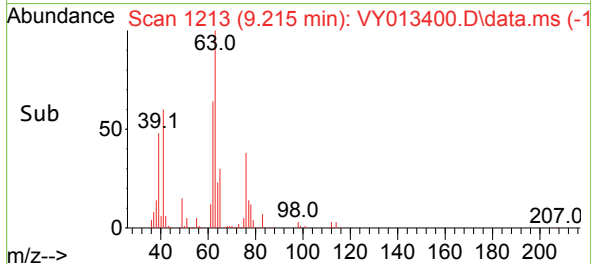
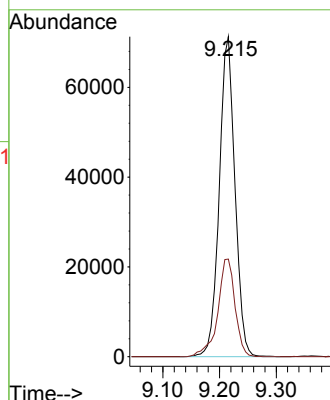
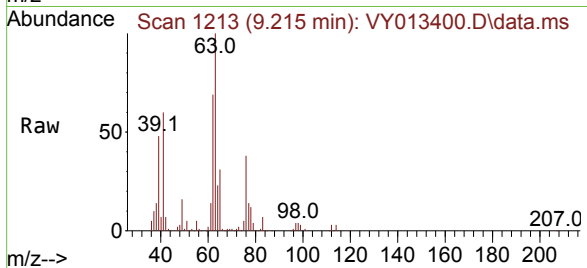
ICVVY042423

Tgt Ion: 63 Resp: 136829

Ion Ratio Lower Upper

63 100

65 30.5 24.6 37.0



#46

Dibromomethane

Concen: 50.354 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

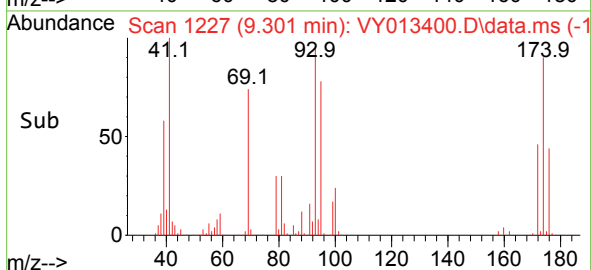
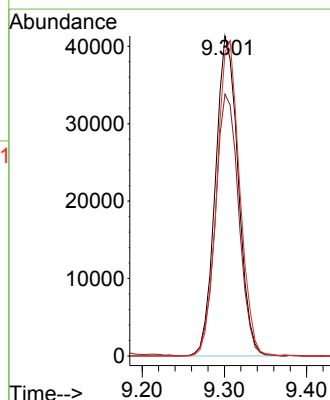
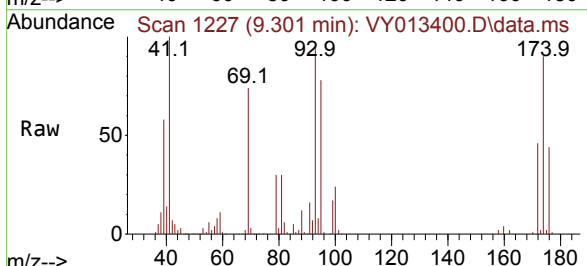
Tgt Ion: 93 Resp: 79648

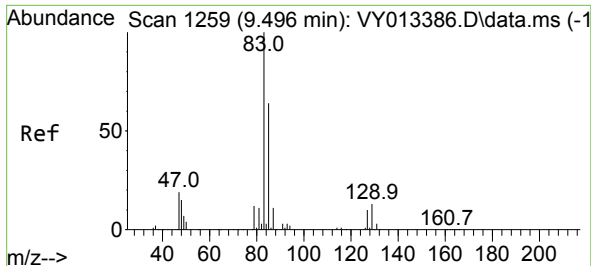
Ion Ratio Lower Upper

93 100

95 83.7 67.1 100.7

174 98.5 87.0 130.4

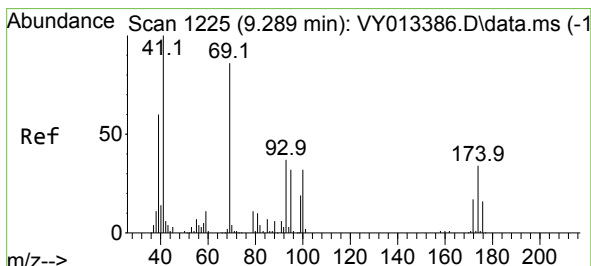
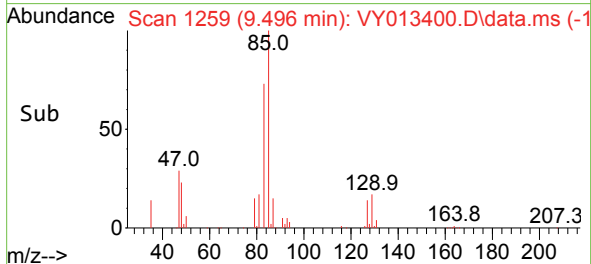
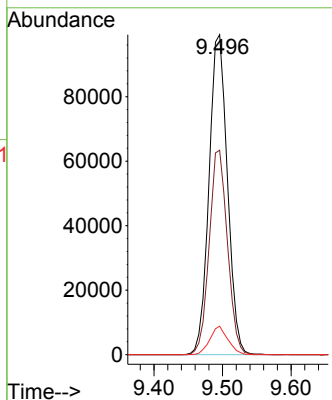
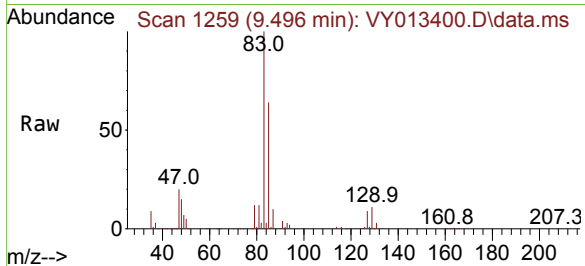




#47
 Bromodichloromethane
 Concen: 52.179 ug/l
 RT: 9.496 min Scan# 1259
 Delta R.T. -0.000 min
 Lab File: VY013400.D
 Acq: 24 Apr 2023 14:26

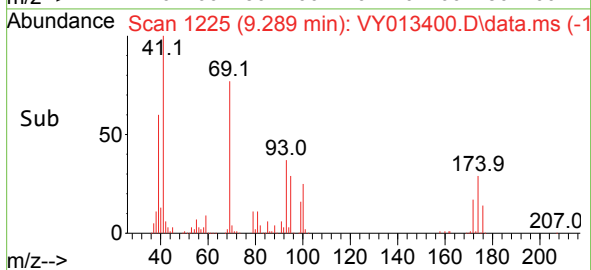
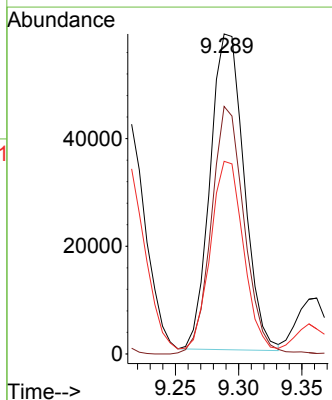
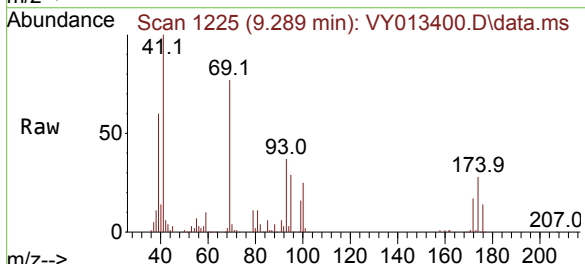
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY042423

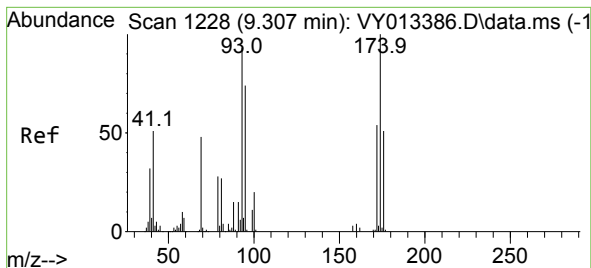
Tgt Ion: 83 Resp: 184684
 Ion Ratio Lower Upper
 83 100
 85 63.9 51.4 77.2
 127 8.9 8.1 12.1



#48
 Methyl methacrylate
 Concen: 52.145 ug/l
 RT: 9.289 min Scan# 1225
 Delta R.T. -0.000 min
 Lab File: VY013400.D
 Acq: 24 Apr 2023 14:26

Tgt Ion: 41 Resp: 109186
 Ion Ratio Lower Upper
 41 100
 69 76.3 70.2 105.4
 39 57.8 47.9 71.9





#49

1,4-Dioxane

Concen: 987.786 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVY042423

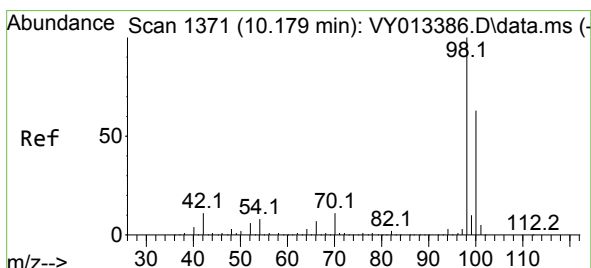
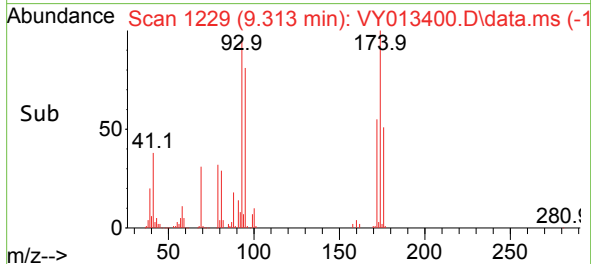
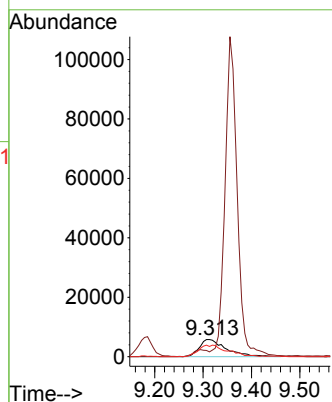
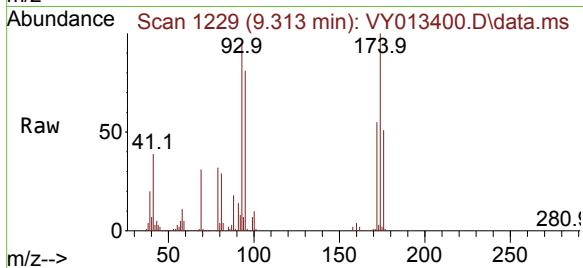
Tgt Ion: 88 Resp: 22315

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 74.9 54.3 81.5



#50

Toluene-d8

Concen: 47.483 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013400.D

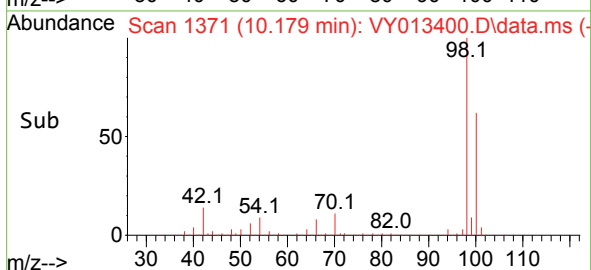
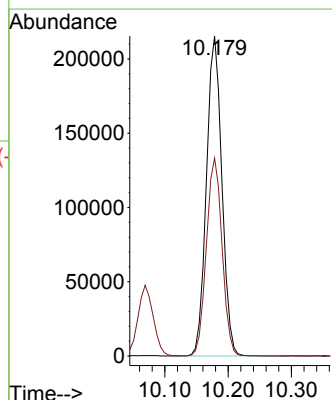
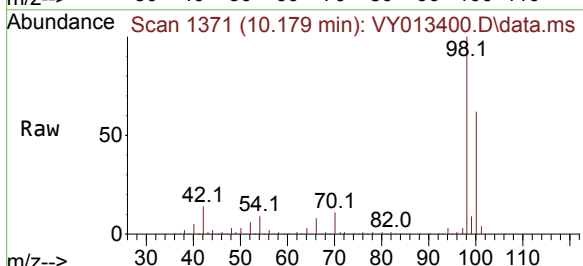
Acq: 24 Apr 2023 14:26

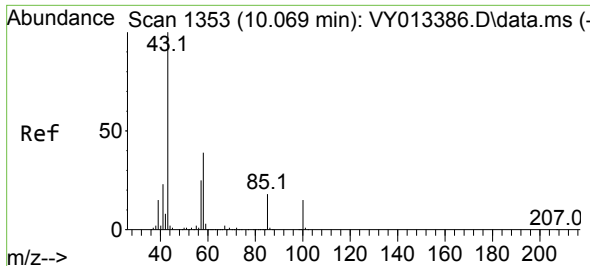
Tgt Ion: 98 Resp: 365319

Ion Ratio Lower Upper

98 100

100 62.9 50.5 75.7





#51

4-Methyl-2-Pentanone

Concen: 253.721 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

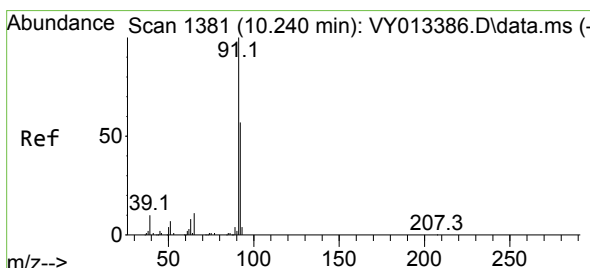
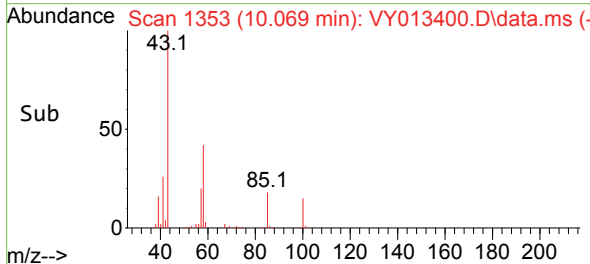
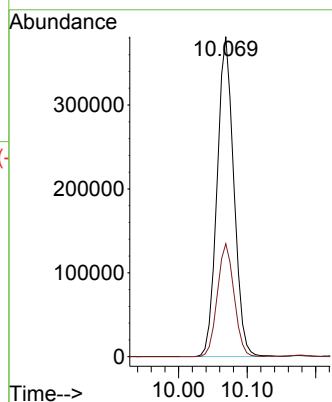
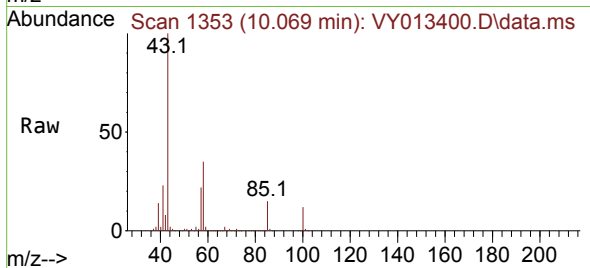
ICVVY042423

Tgt Ion: 43 Resp: 644598

Ion Ratio Lower Upper

43 100

58 35.4 30.6 46.0



#52

Toluene

Concen: 50.754 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY013400.D

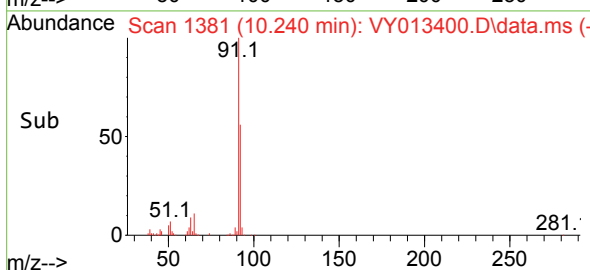
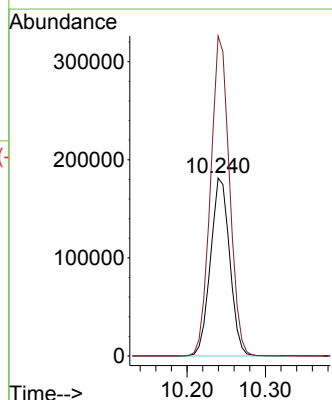
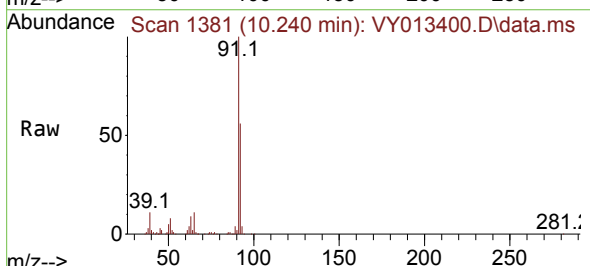
Acq: 24 Apr 2023 14:26

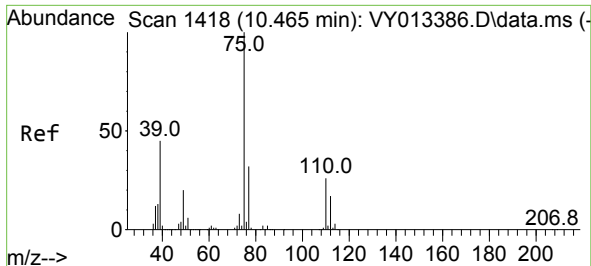
Tgt Ion: 92 Resp: 308805

Ion Ratio Lower Upper

92 100

91 177.3 140.2 210.4

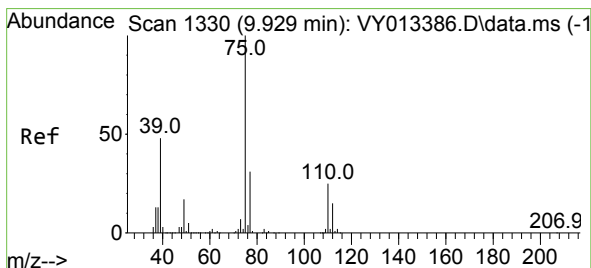
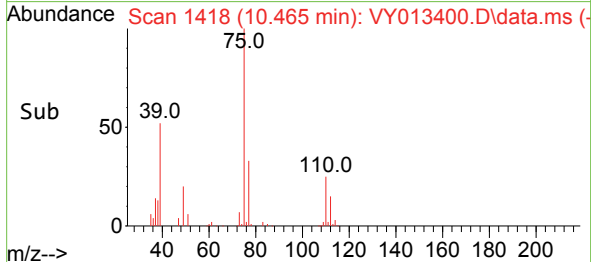
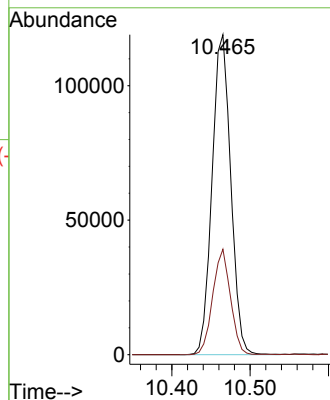
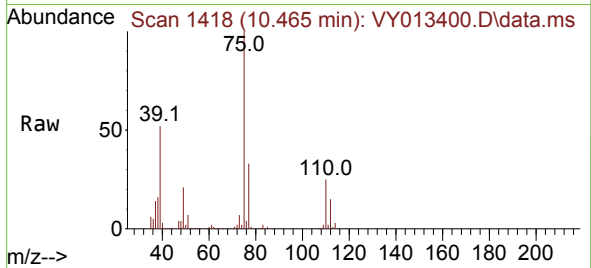




#53
t-1,3-Dichloropropene
Concen: 52.572 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

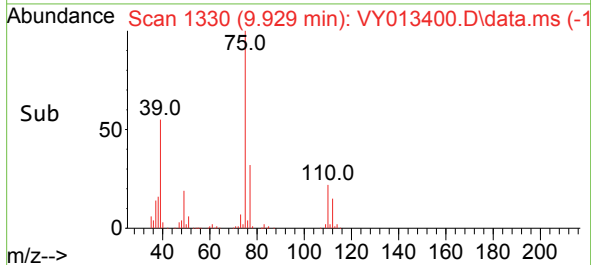
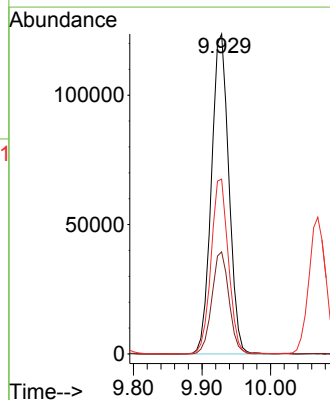
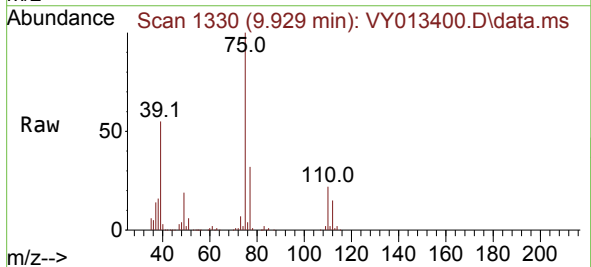
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042423

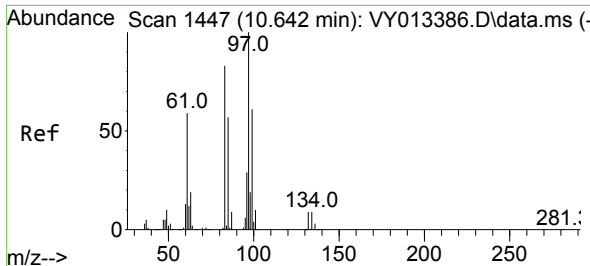
Tgt Ion: 75 Resp: 196930
Ion Ratio Lower Upper
75 100
77 33.0 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 51.821 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

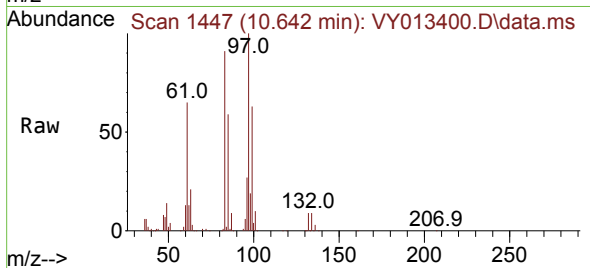
Tgt Ion: 75 Resp: 218425
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2
39 54.7 38.1 57.1





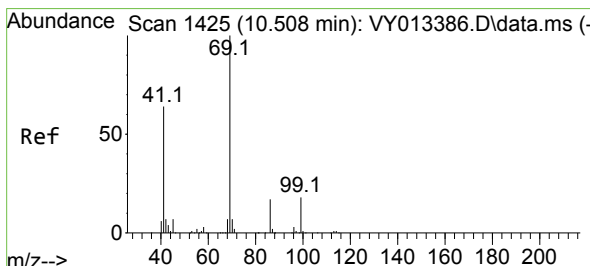
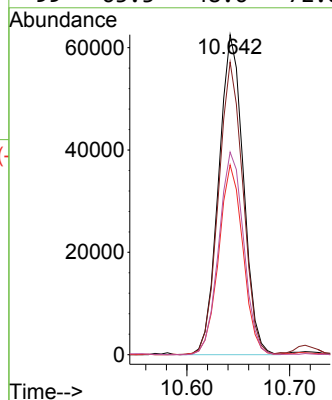
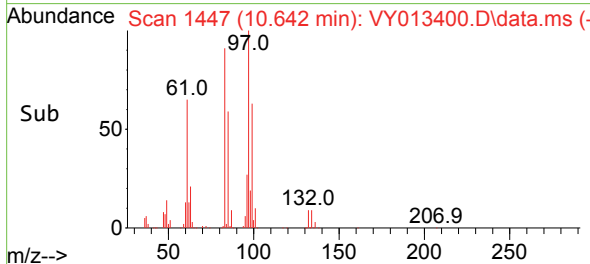
#55
1,1,2-Trichloroethane
Concen: 49.871 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042423

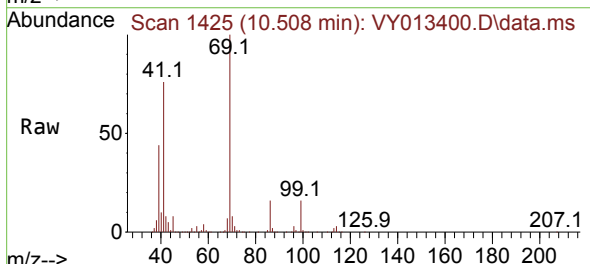


Tgt Ion: 97 Resp: 104465

Ion	Ratio	Lower	Upper
97	100		
83	91.3	66.4	99.6
85	59.3	45.6	68.4
99	63.3	48.6	72.8

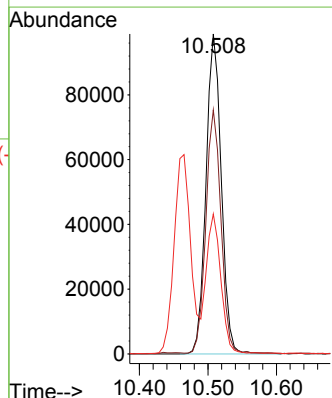
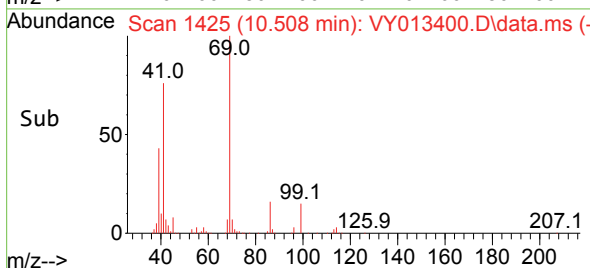


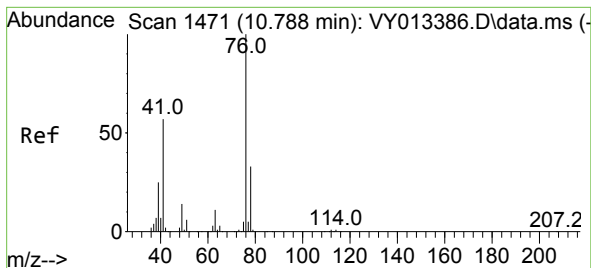
#56
Ethyl methacrylate
Concen: 52.863 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26



Tgt Ion: 69 Resp: 153627

Ion	Ratio	Lower	Upper
69	100		
41	75.7	51.4	77.0
39	40.7	29.0	43.6





#57

1,3-Dichloropropane

Concen: 51.754 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

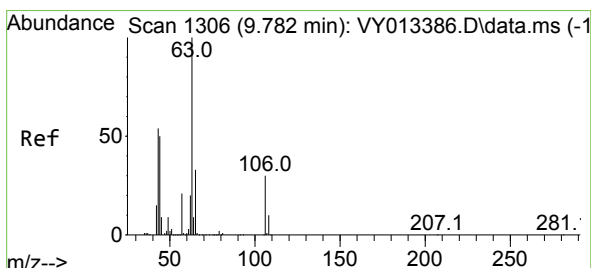
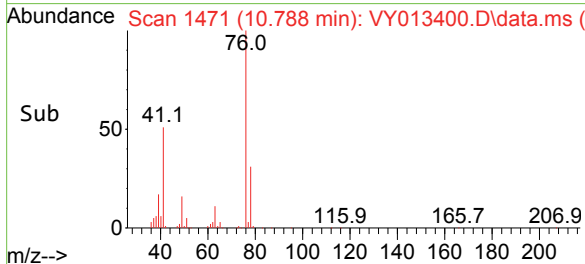
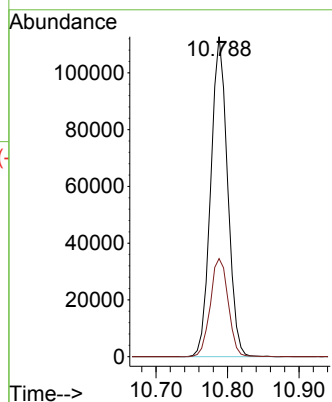
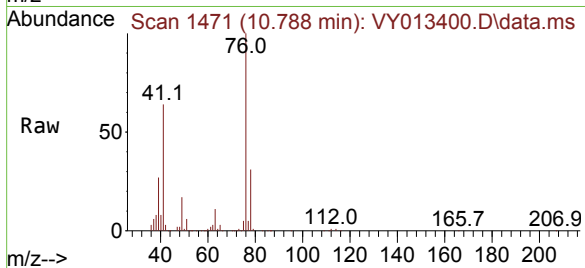
ICVY042423

Tgt Ion: 76 Resp: 183604

Ion Ratio Lower Upper

76 100

78 32.7 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 230.884 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013400.D

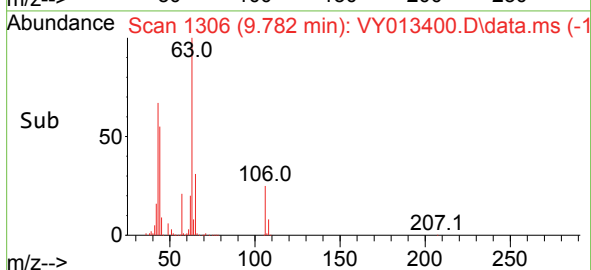
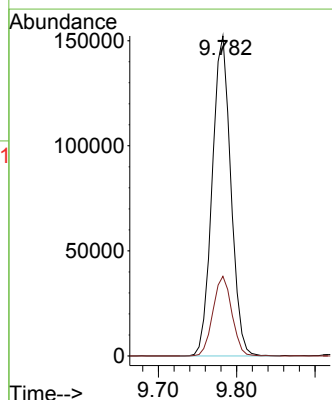
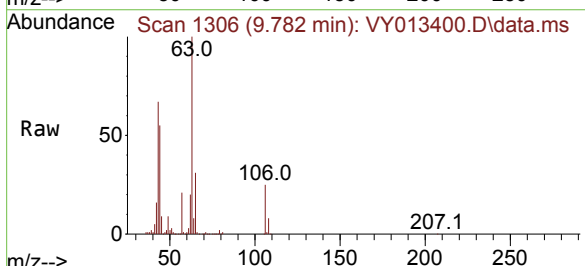
Acq: 24 Apr 2023 14:26

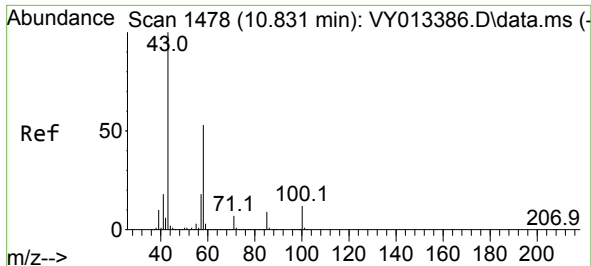
Tgt Ion: 63 Resp: 251605

Ion Ratio Lower Upper

63 100

106 25.2 23.5 35.3

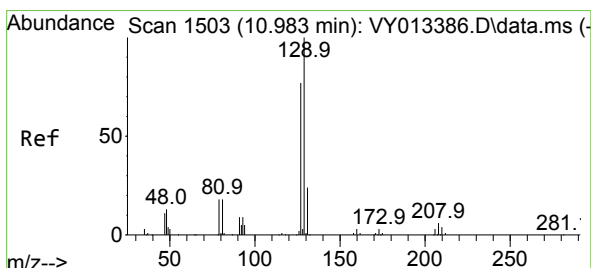
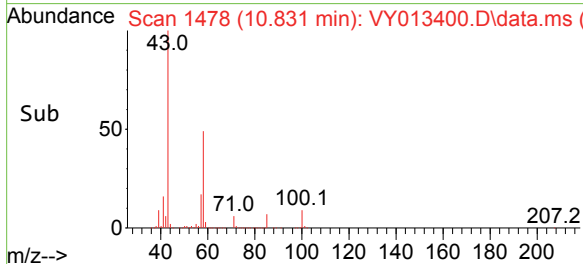
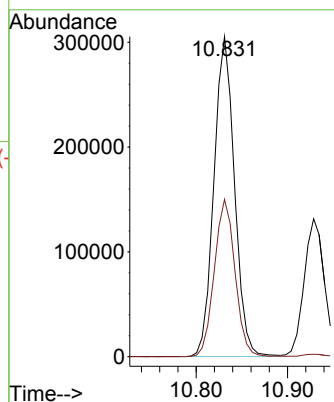
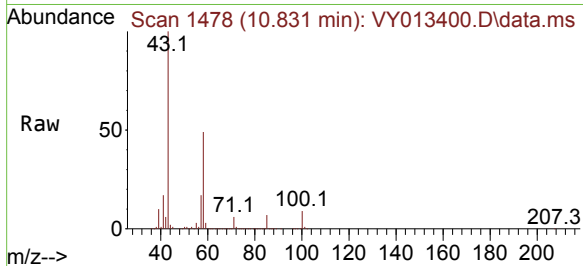




#59
2-Hexanone
Concen: 258.426 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

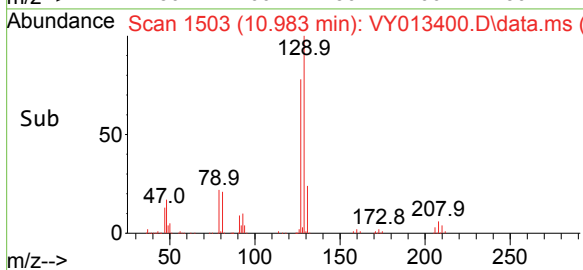
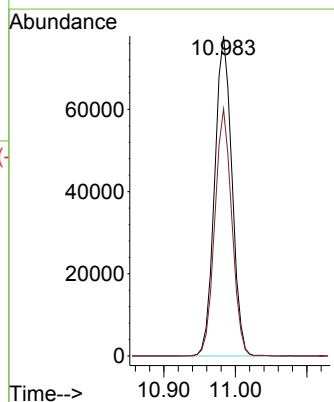
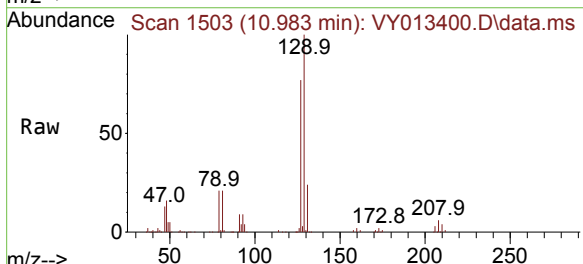
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042423

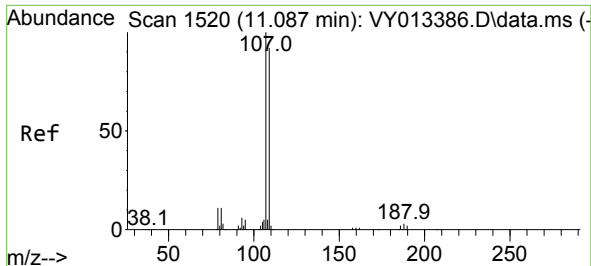
Tgt Ion: 43 Resp: 477261
Ion Ratio Lower Upper
43 100
58 49.5 26.3 78.8



#60
Dibromochloromethane
Concen: 51.291 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

Tgt Ion: 129 Resp: 130457
Ion Ratio Lower Upper
129 100
127 76.2 38.7 116.1

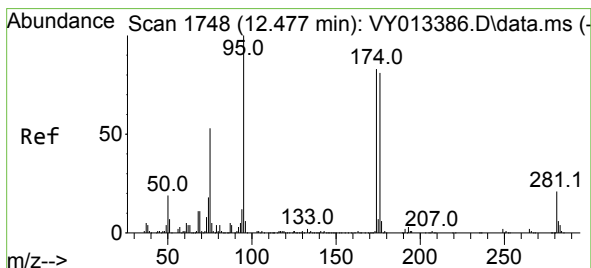
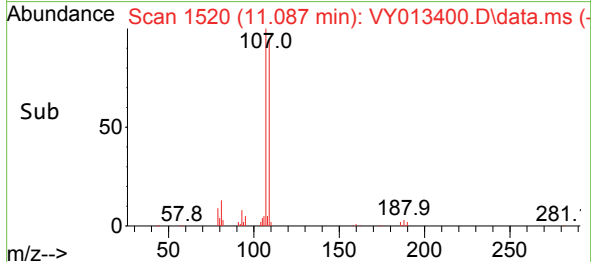
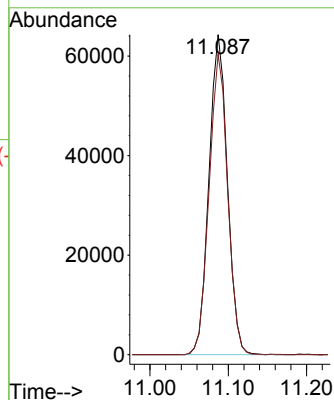
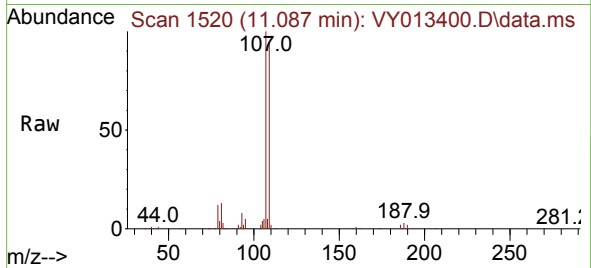




#61
1,2-Dibromoethane
Concen: 50.941 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

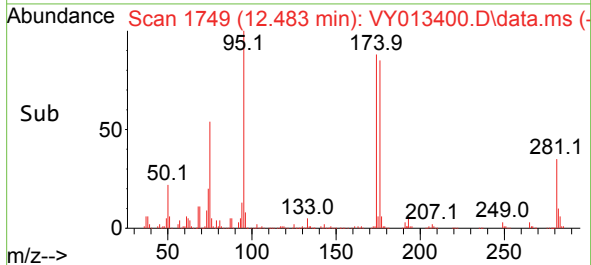
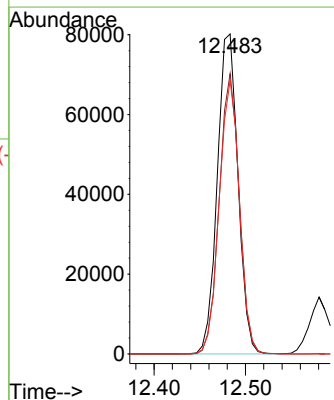
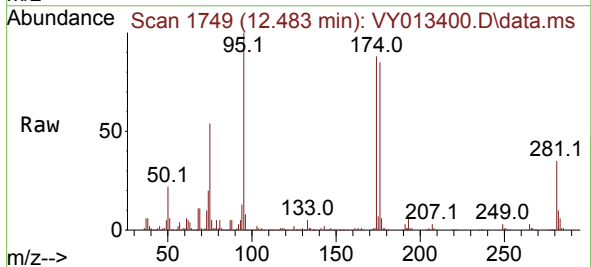
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042423

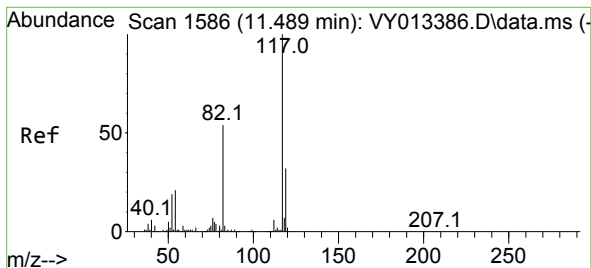
Tgt Ion:107 Resp: 104910
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.732 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

Tgt Ion: 95 Resp: 126399
Ion Ratio Lower Upper
95 100
174 84.7 0.0 182.0
176 83.5 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: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY042423

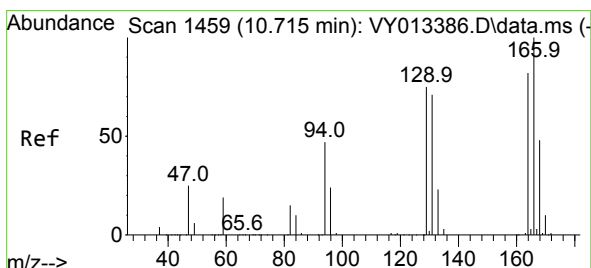
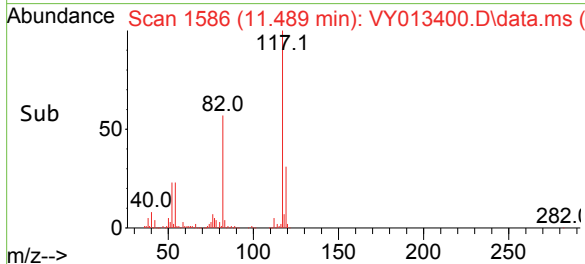
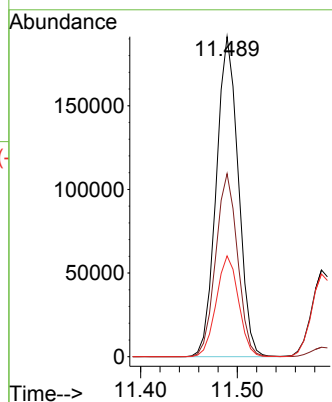
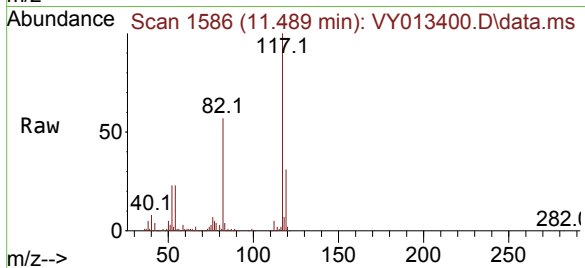
Tgt Ion:117 Resp: 302611

Ion Ratio Lower Upper

117 100

82 57.2 43.0 64.6

119 31.5 25.5 38.3



#64

Tetrachloroethene

Concen: 47.616 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Tgt Ion:164 Resp: 109567

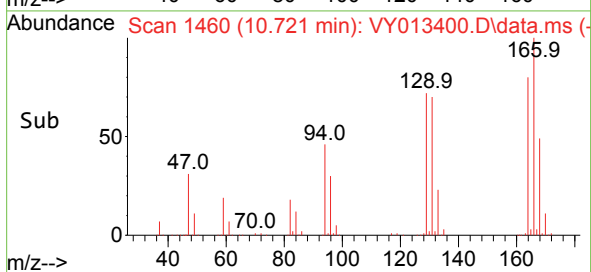
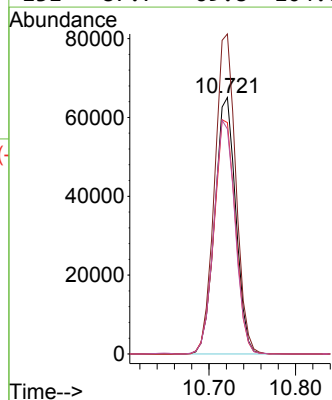
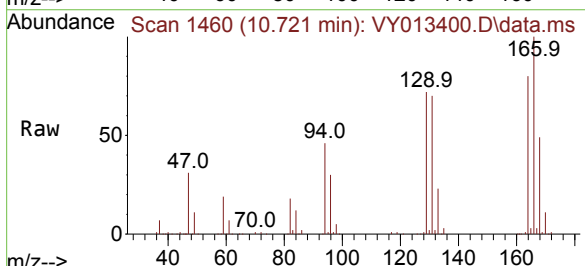
Ion Ratio Lower Upper

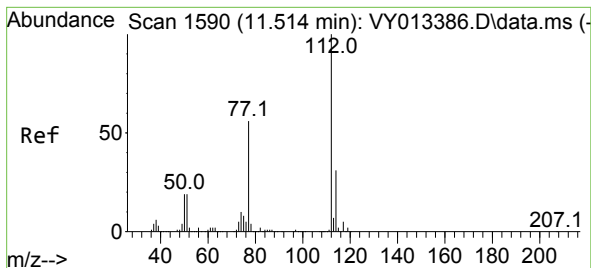
164 100

166 124.8 97.5 146.3

129 90.2 72.6 109.0

131 87.7 69.8 104.6

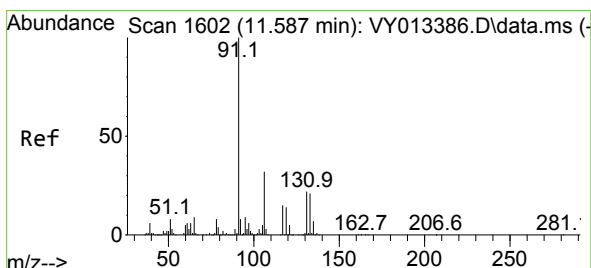
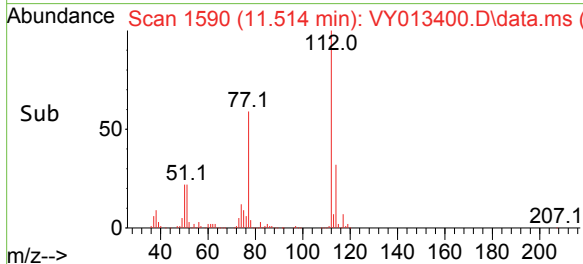
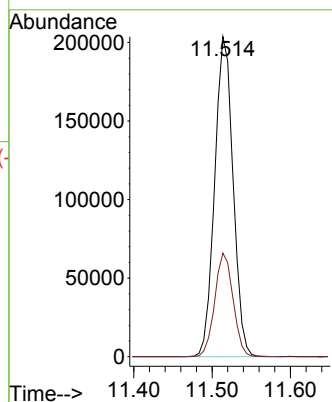
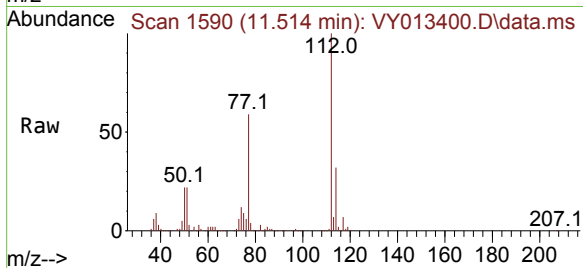




#65
Chlorobenzene
Concen: 50.497 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

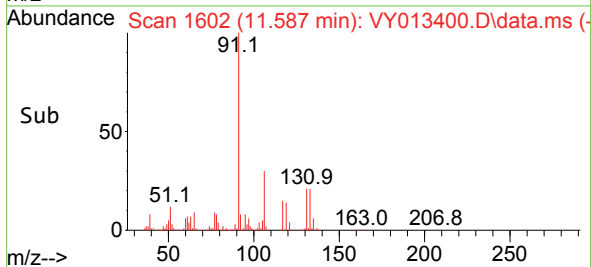
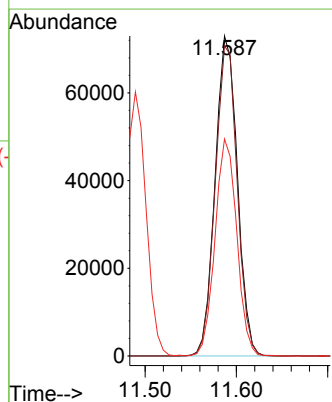
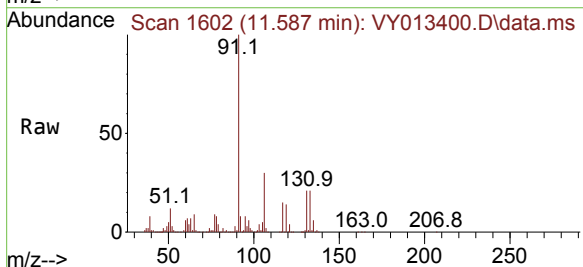
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042423

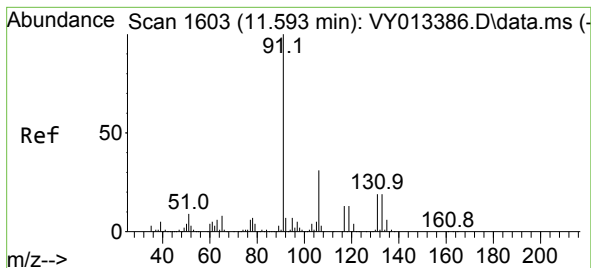
Tgt Ion:112 Resp: 332878
Ion Ratio Lower Upper
112 100
114 32.3 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.058 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

Tgt Ion:131 Resp: 123412
Ion Ratio Lower Upper
131 100
133 95.8 47.7 143.1
119 66.4 32.6 98.0





#67

Ethyl Benzene

Concen: 50.997 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

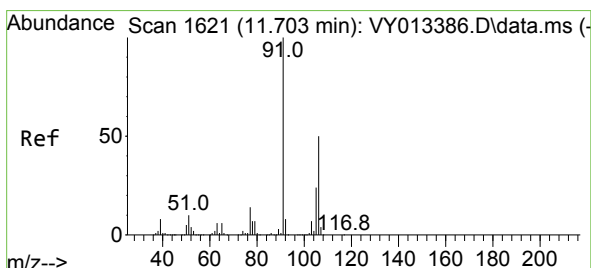
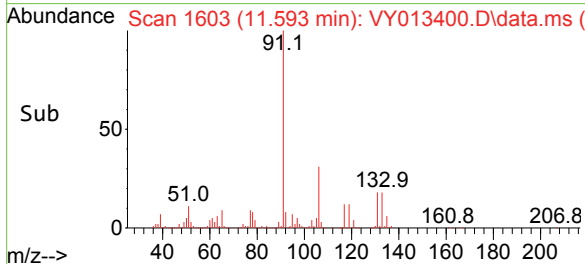
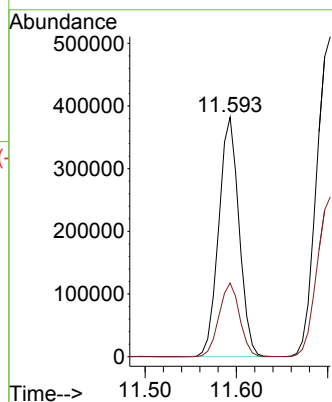
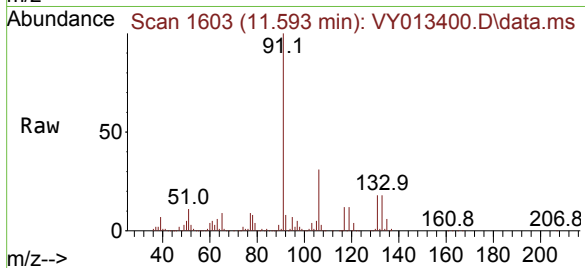
ICVY042423

Tgt Ion: 91 Resp: 590315

Ion Ratio Lower Upper

91 100

106 30.7 25.1 37.7



#68

m/p-Xylenes

Concen: 102.228 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013400.D

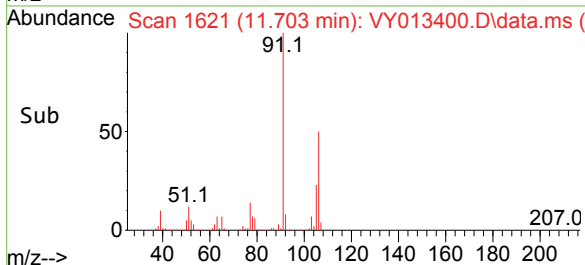
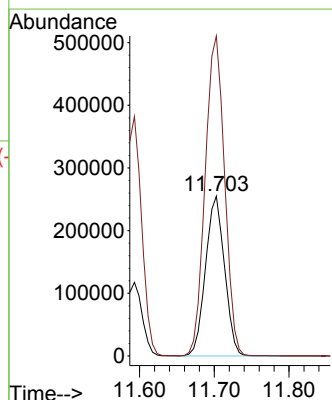
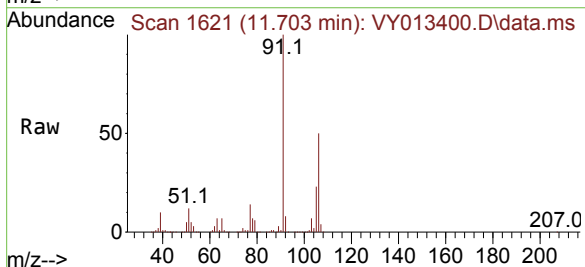
Acq: 24 Apr 2023 14:26

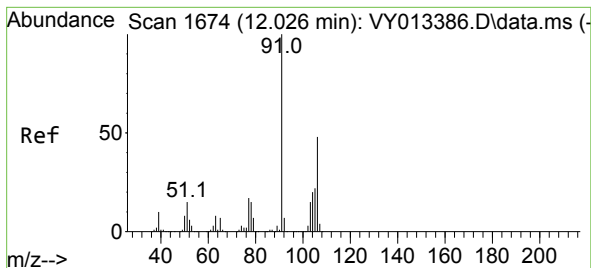
Tgt Ion:106 Resp: 449853

Ion Ratio Lower Upper

106 100

91 204.8 160.9 241.3





#69

o-Xylene

Concen: 52.383 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

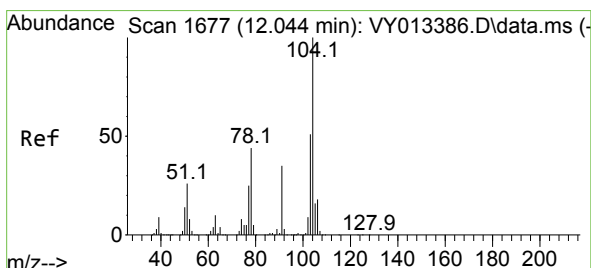
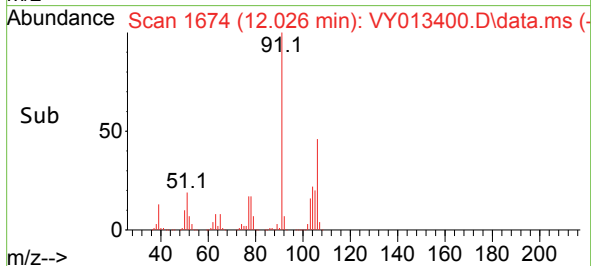
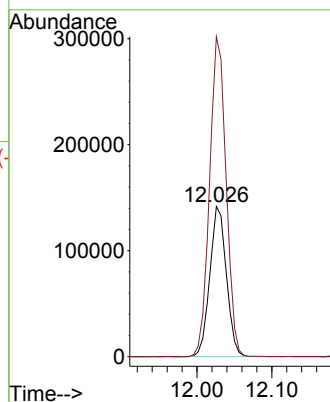
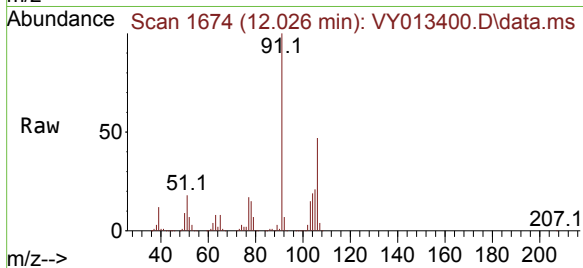
ICVVY042423

Tgt Ion:106 Resp: 218007

Ion Ratio Lower Upper

106 100

91 213.1 105.5 316.4



#70

Styrene

Concen: 53.091 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

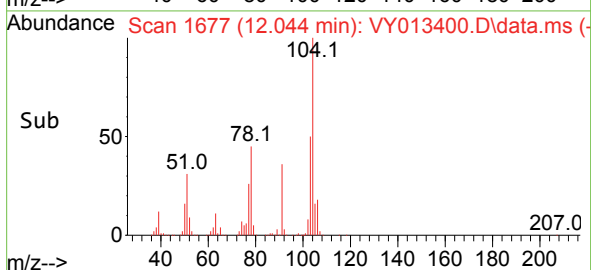
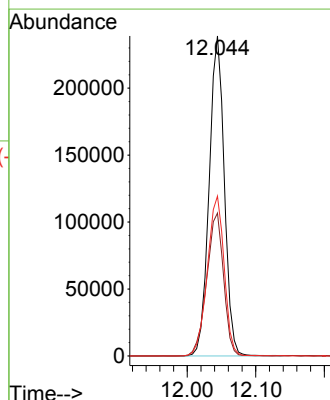
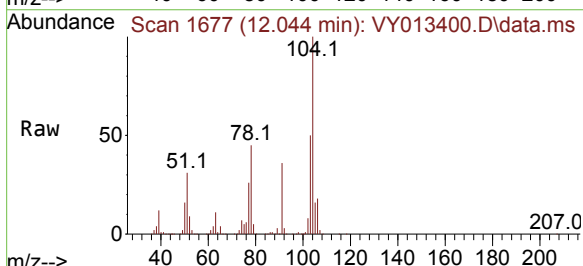
Tgt Ion:104 Resp: 369439

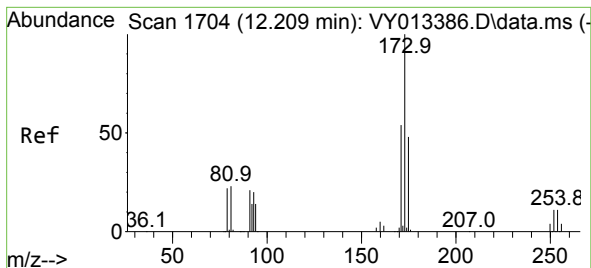
Ion Ratio Lower Upper

104 100

78 49.6 40.3 60.5

103 55.4 45.0 67.4





#71

Bromoform

Concen: 49.289 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY042423

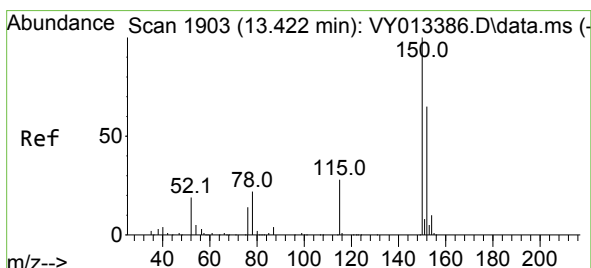
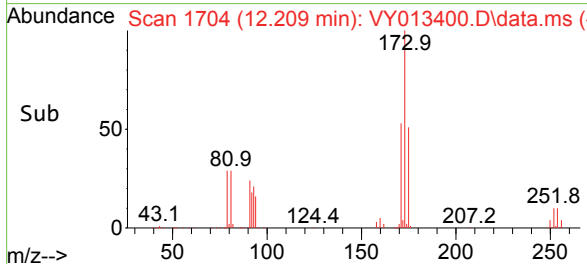
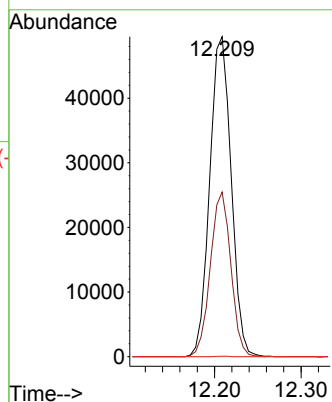
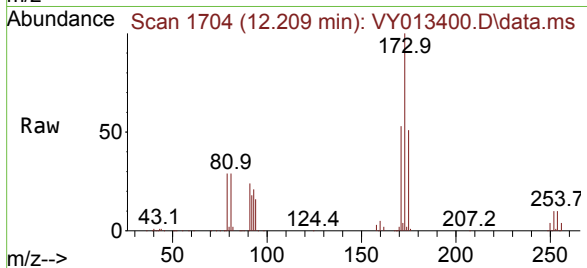
Tgt Ion:173 Resp: 85116

Ion Ratio Lower Upper

173 100

175 49.2 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: VY013400.D

Acq: 24 Apr 2023 14:26

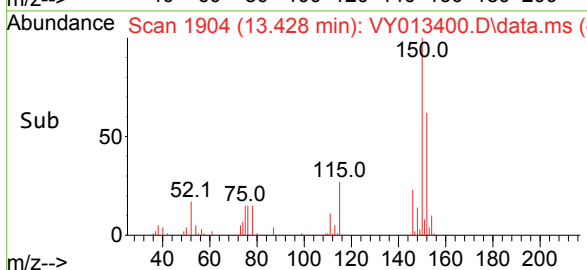
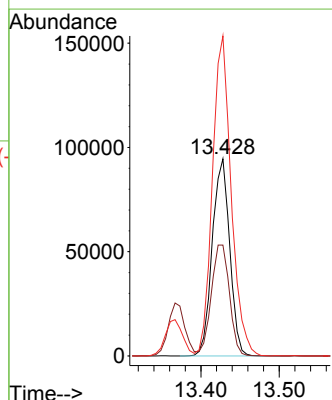
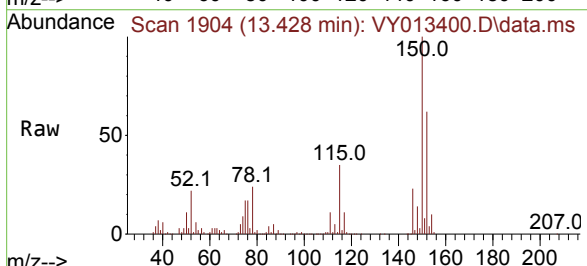
Tgt Ion:152 Resp: 146096

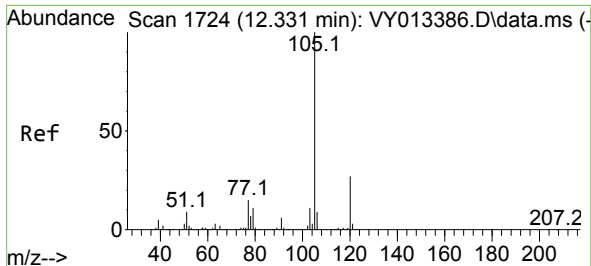
Ion Ratio Lower Upper

152 100

115 58.7 28.1 84.2

150 174.6 0.0 352.0

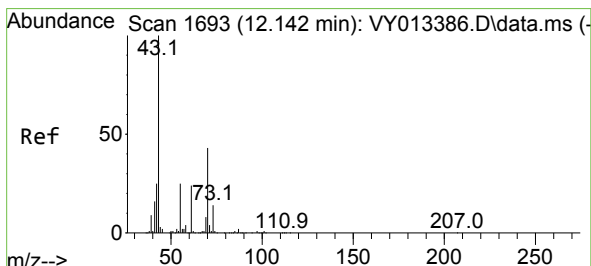
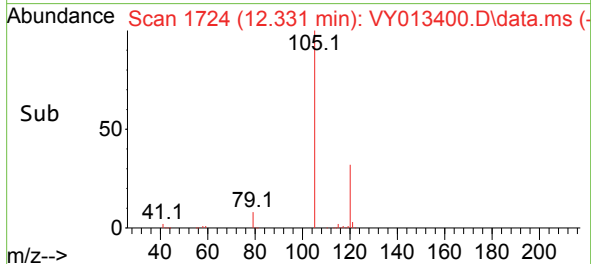
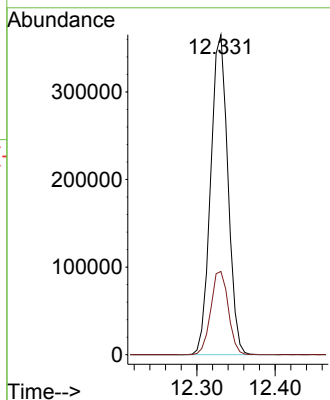
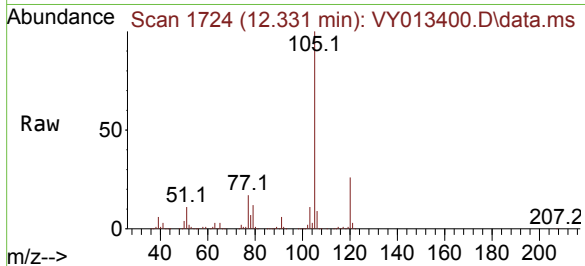




#73
Isopropylbenzene
Concen: 50.507 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

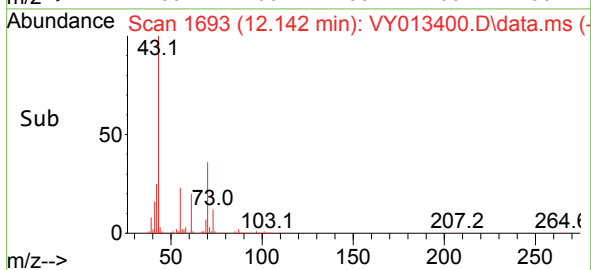
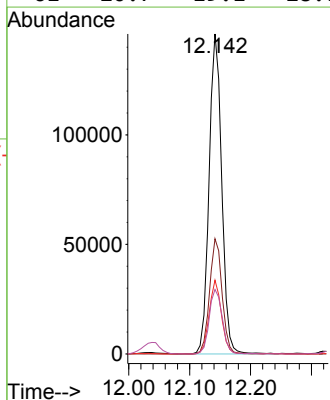
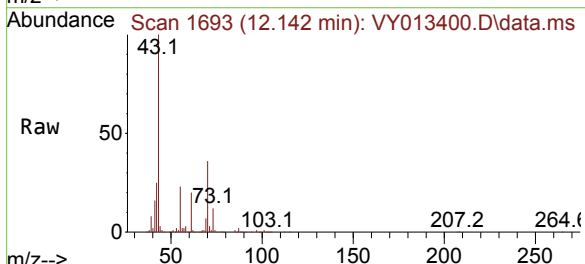
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042423

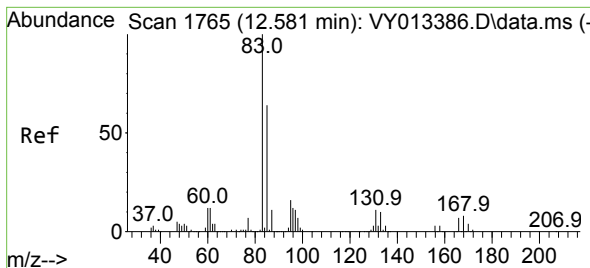
Tgt Ion:105 Resp: 558113
Ion Ratio Lower Upper
105 100
120 26.4 13.7 41.0



#74
N-ethyl acetate
Concen: 53.650 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

Tgt Ion: 43 Resp: 210967
Ion Ratio Lower Upper
43 100
70 35.5 33.0 49.4
55 22.4 19.8 29.6
61 20.7 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.232 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVY042423

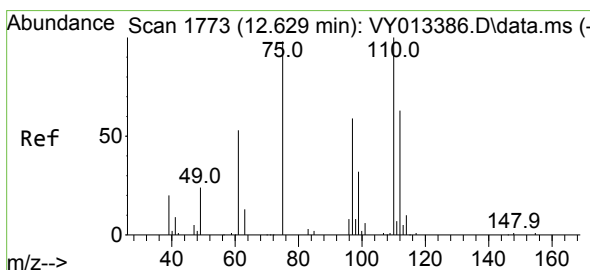
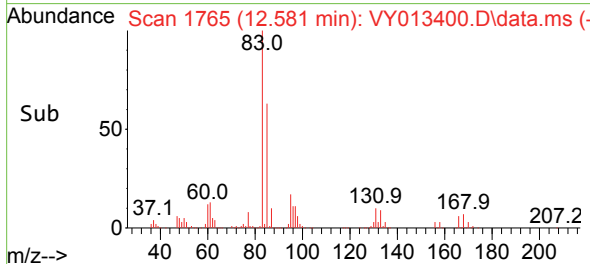
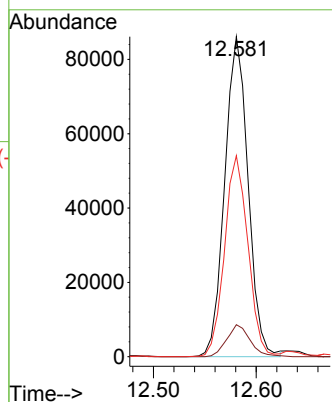
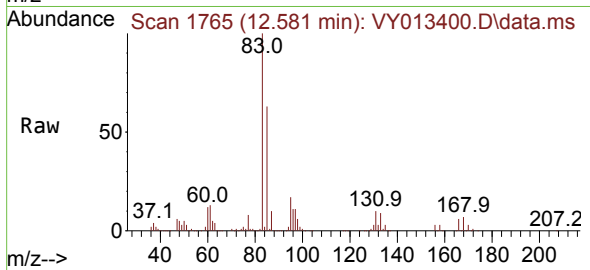
Tgt Ion: 83 Resp: 135675

Ion Ratio Lower Upper

83 100

131 10.0 5.7 17.0

85 62.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 86.878 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013400.D

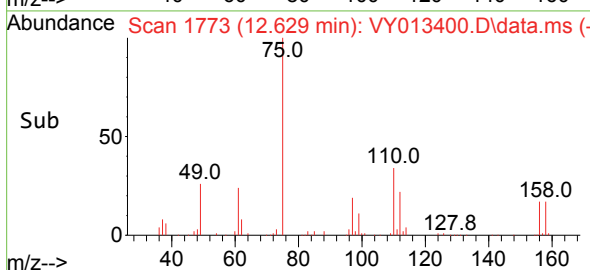
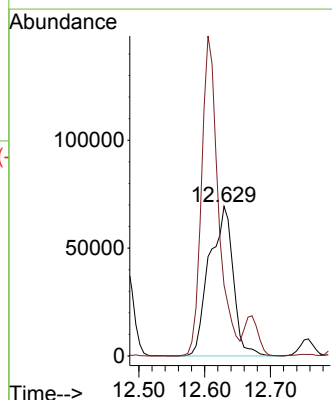
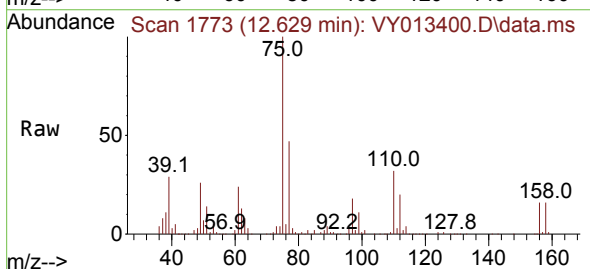
Acq: 24 Apr 2023 14:26

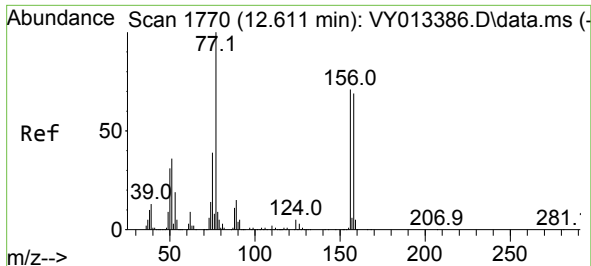
Tgt Ion: 75 Resp: 175259

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

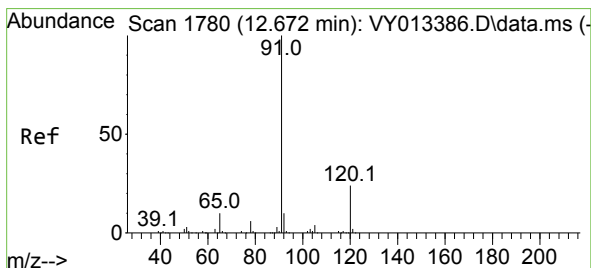
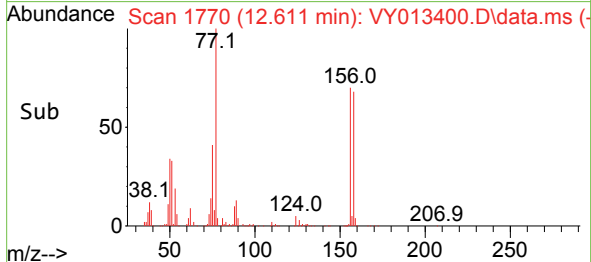
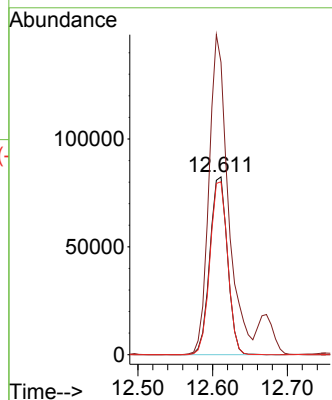
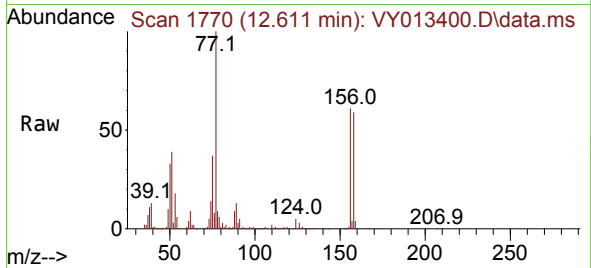




#77
Bromobenzene
Concen: 50.493 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

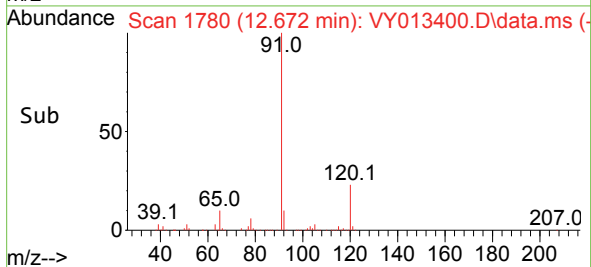
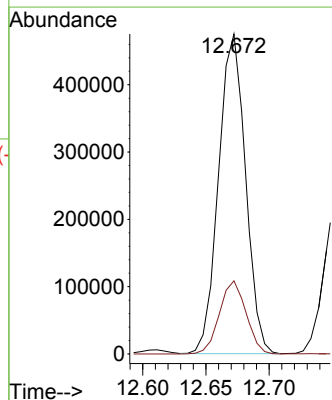
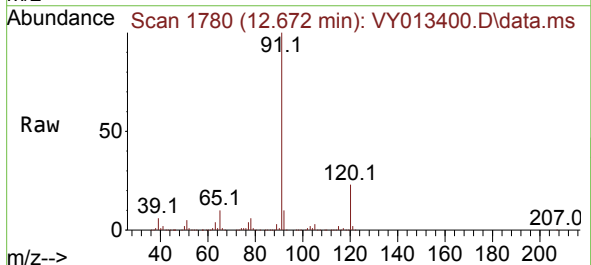
Instrument :
MSVOA_Y
ClientSampleId :
ICVY042423

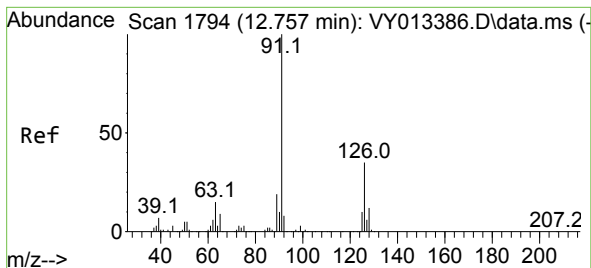
Tgt Ion:156 Resp: 135194
Ion Ratio Lower Upper
156 100
77 196.1 87.6 262.9
158 97.6 48.5 145.5



#78
n-propylbenzene
Concen: 51.620 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

Tgt Ion: 91 Resp: 702595
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.9

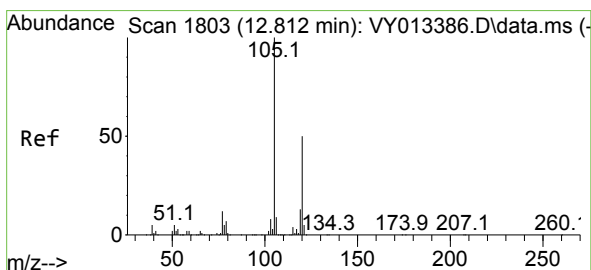
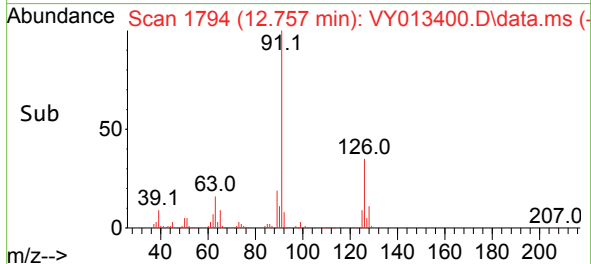
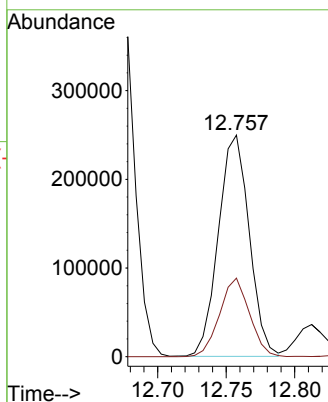
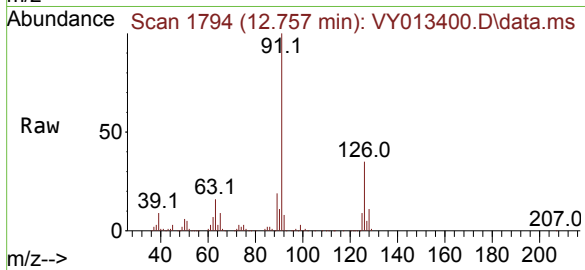




#79
2-Chlorotoluene
Concen: 51.478 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

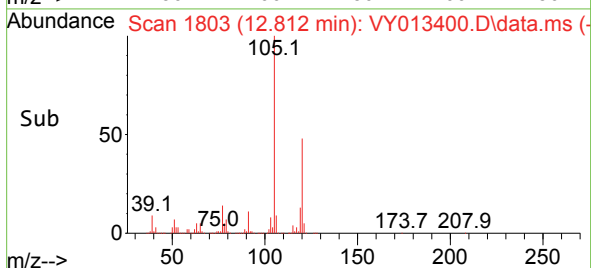
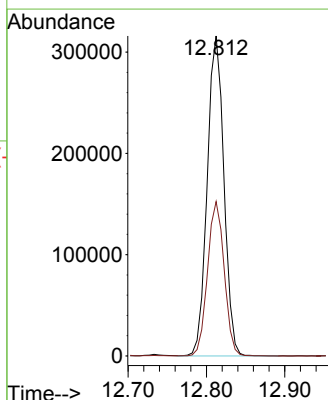
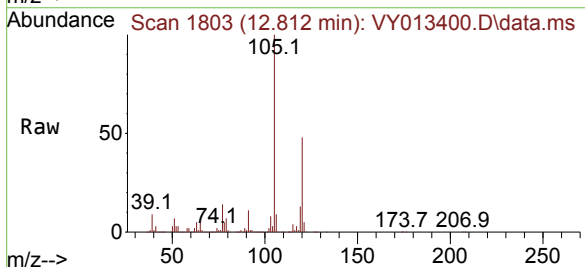
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042423

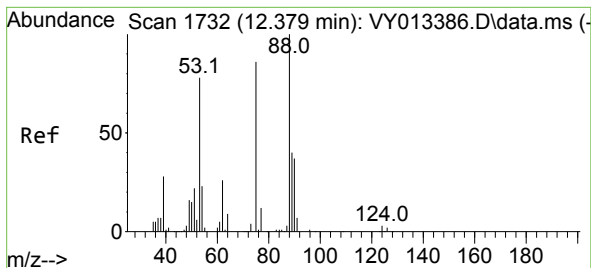
Tgt Ion: 91 Resp: 391271
Ion Ratio Lower Upper
91 100
126 34.4 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 51.758 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

Tgt Ion: 105 Resp: 466809
Ion Ratio Lower Upper
105 100
120 48.2 24.7 74.1

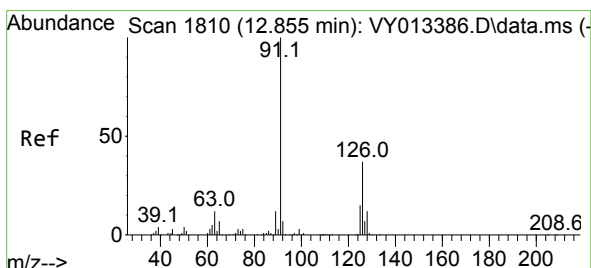
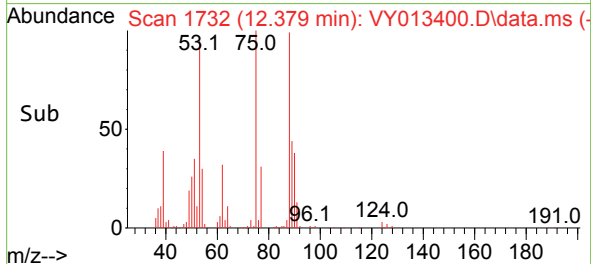
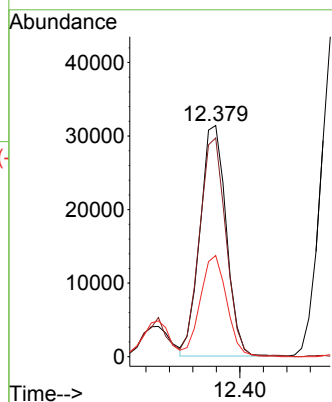
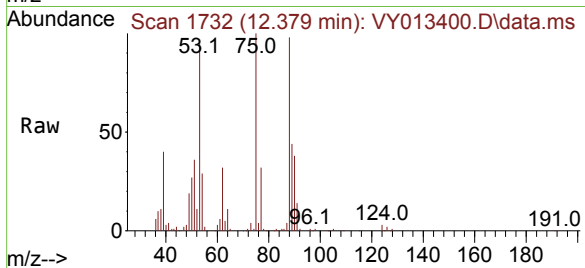




#81
trans-1,4-Dichloro-2-butene
Concen: 50.408 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

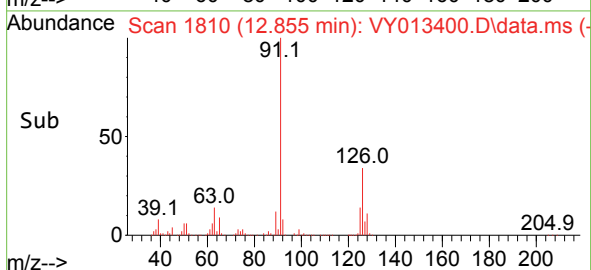
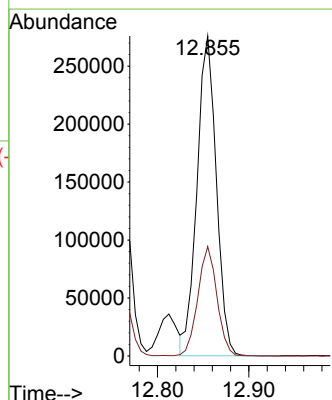
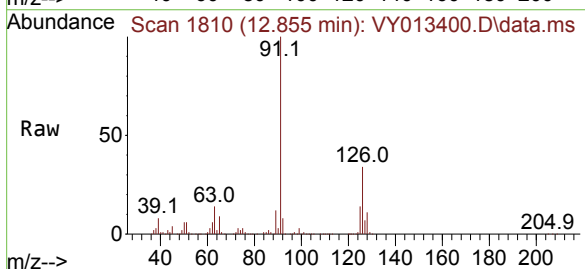
Instrument :
MSVOA_Y
ClientSampleId :
ICVY042423

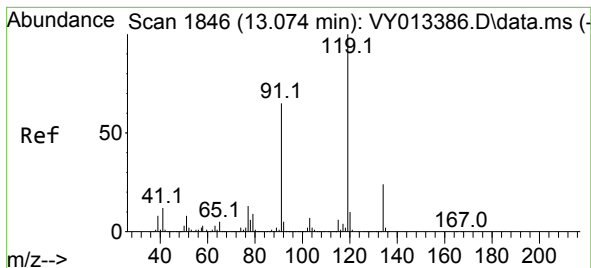
Tgt Ion: 75 Resp: 48553
Ion Ratio Lower Upper
75 100
53 96.1 73.2 109.8
89 44.5 38.0 57.0



#82
4-Chlorotoluene
Concen: 51.080 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

Tgt Ion: 91 Resp: 404663
Ion Ratio Lower Upper
91 100
126 33.9 17.9 53.8





#83

tert-Butylbenzene

Concen: 50.272 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVY042423

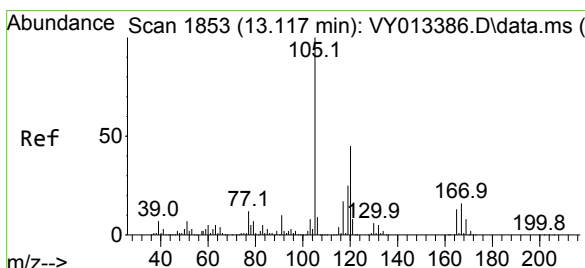
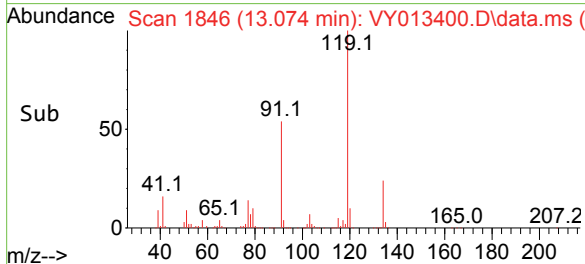
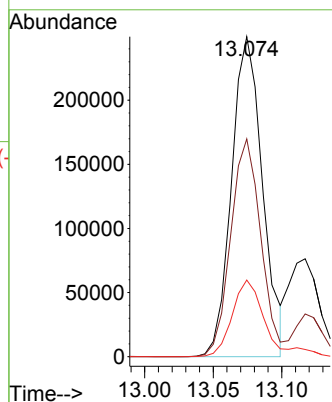
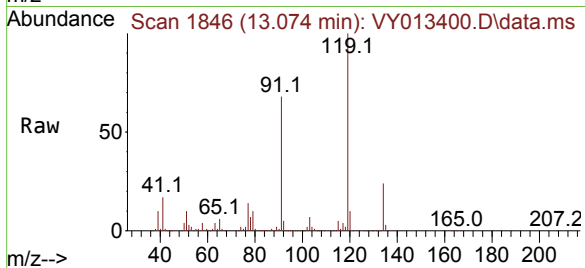
Tgt Ion:119 Resp: 392820

Ion Ratio Lower Upper

119 100

91 65.8 32.2 96.6

134 25.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.314 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013400.D

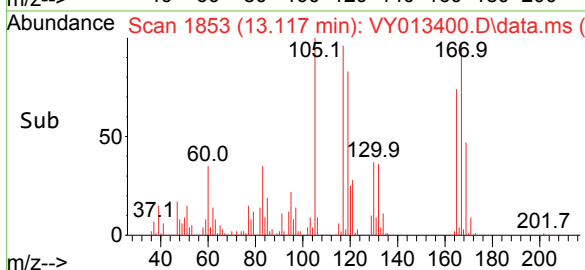
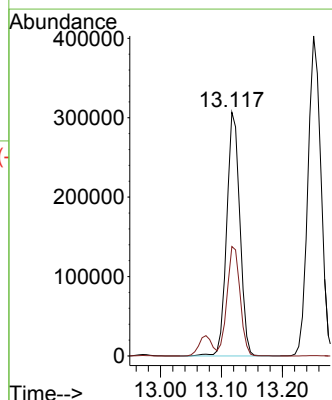
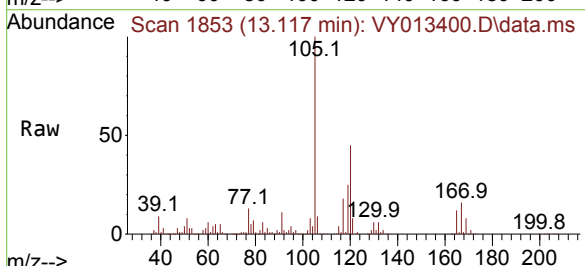
Acq: 24 Apr 2023 14:26

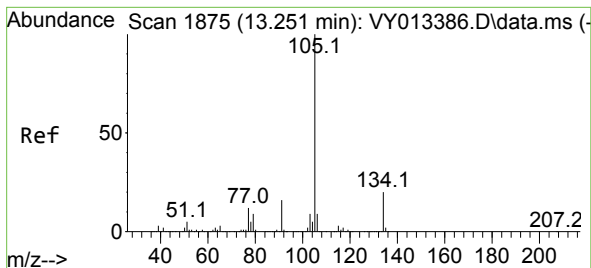
Tgt Ion:105 Resp: 458724

Ion Ratio Lower Upper

105 100

120 44.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.837 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

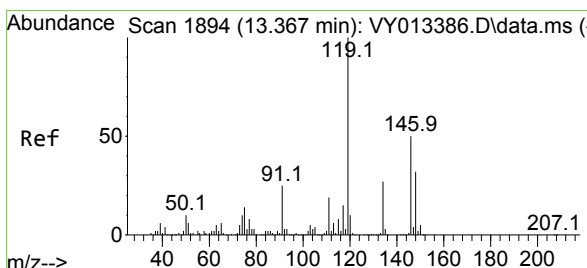
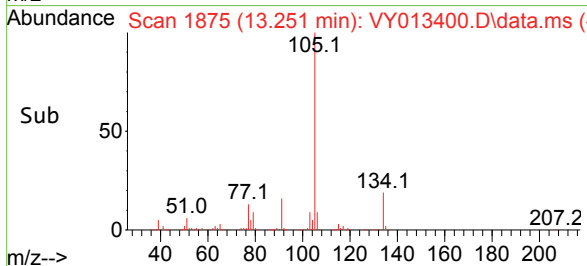
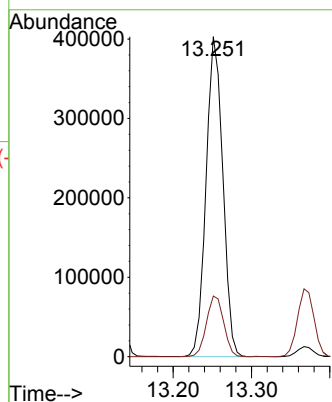
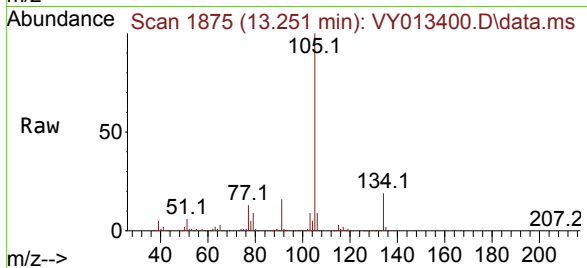
ICVY042423

Tgt Ion:105 Resp: 596175

Ion Ratio Lower Upper

105 100

134 19.6 10.3 30.9



#86

p-Isopropyltoluene

Concen: 51.708 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

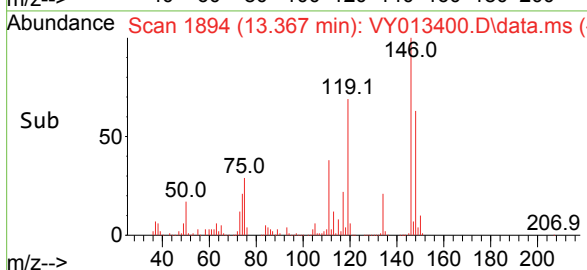
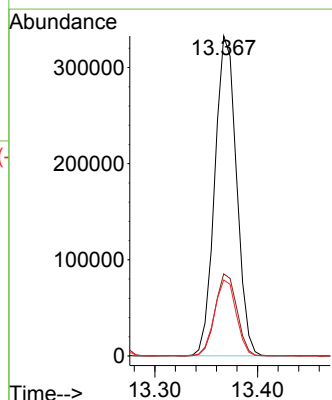
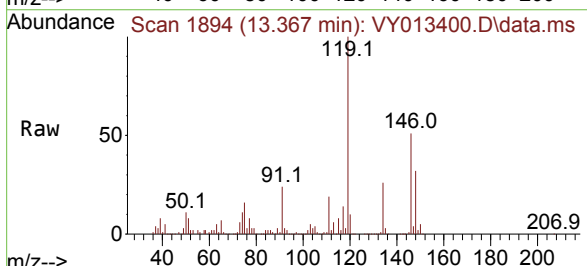
Tgt Ion:119 Resp: 487637

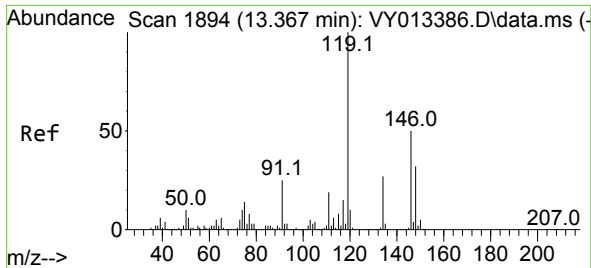
Ion Ratio Lower Upper

119 100

134 25.7 13.4 40.2

91 23.8 12.1 36.3

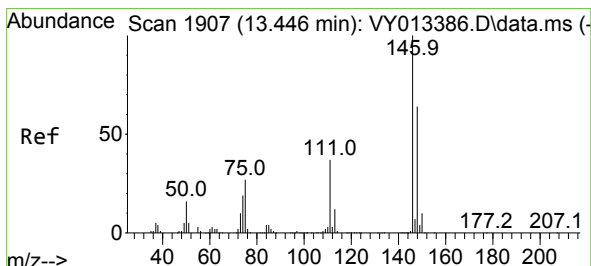
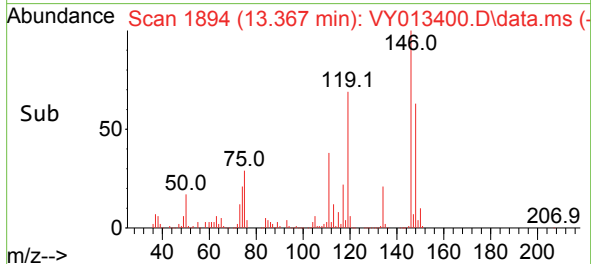
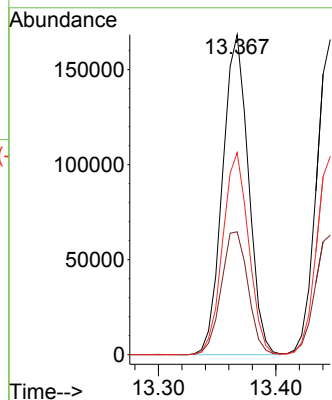
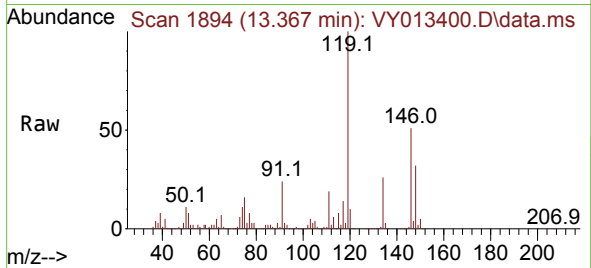




#87
1,3-Dichlorobenzene
Concen: 50.673 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

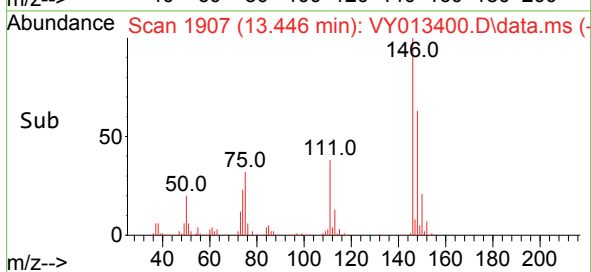
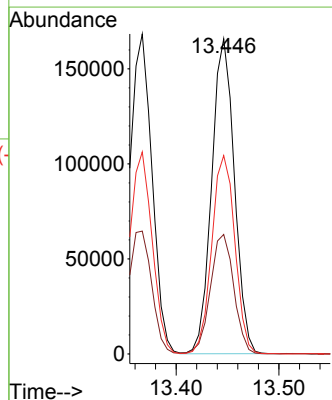
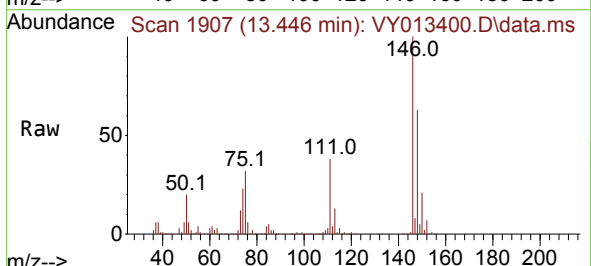
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042423

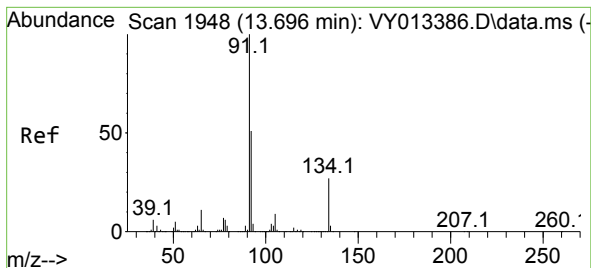
Tgt Ion:146 Resp: 258488
Ion Ratio Lower Upper
146 100
111 39.8 19.3 57.9
148 63.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 49.375 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013400.D
Acq: 24 Apr 2023 14:26

Tgt Ion:146 Resp: 254426
Ion Ratio Lower Upper
146 100
111 39.1 18.9 56.5
148 64.1 31.9 95.5





#89

n-Butylbenzene

Concen: 51.776 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY042423

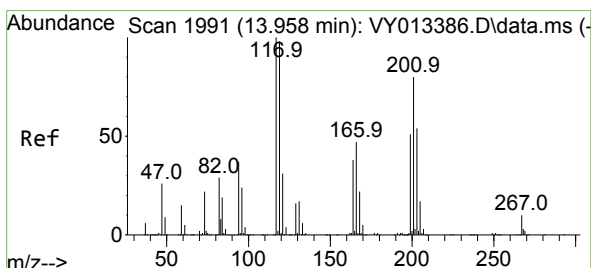
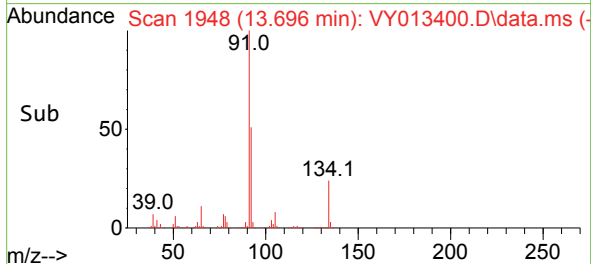
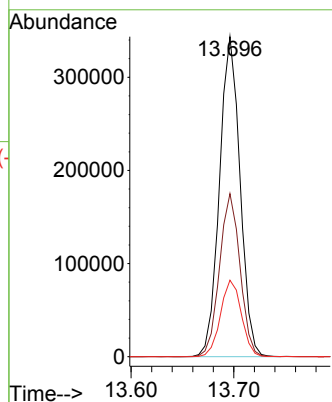
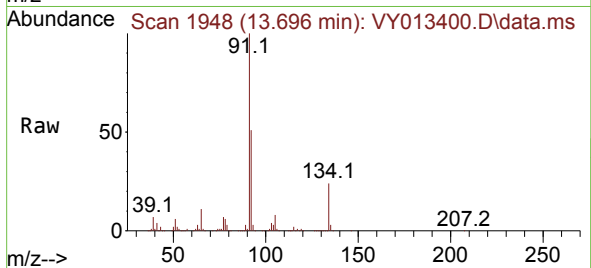
Tgt Ion: 91 Resp: 476567

Ion Ratio Lower Upper

91 100

92 50.9 25.8 77.3

134 24.3 13.5 40.4



#90

Hexachloroethane

Concen: 49.191 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013400.D

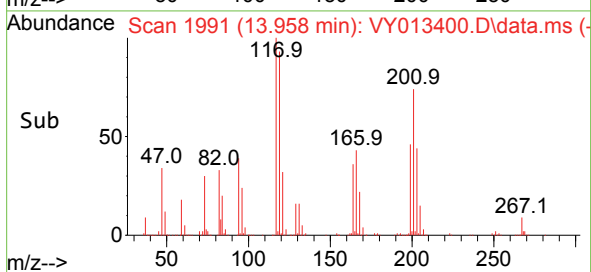
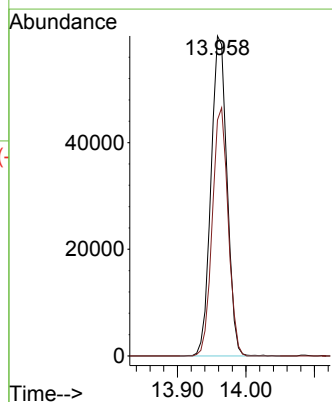
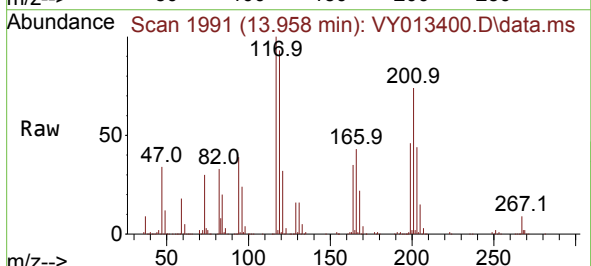
Acq: 24 Apr 2023 14:26

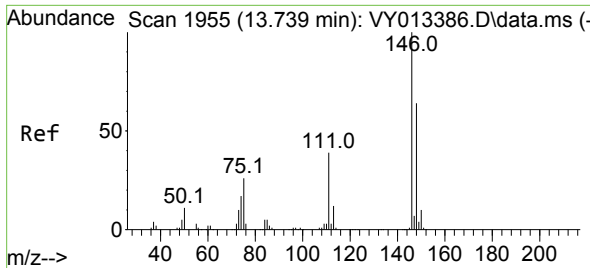
Tgt Ion: 117 Resp: 97636

Ion Ratio Lower Upper

117 100

201 76.2 41.6 124.8

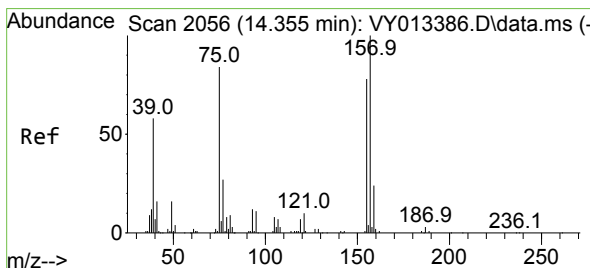
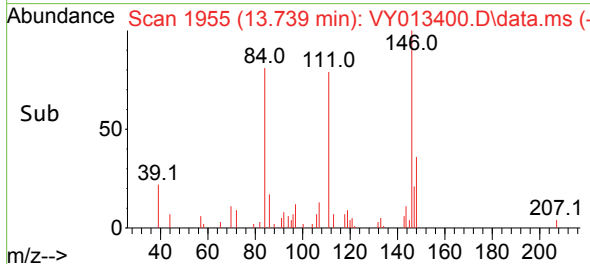
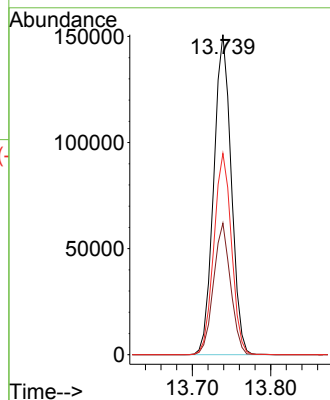
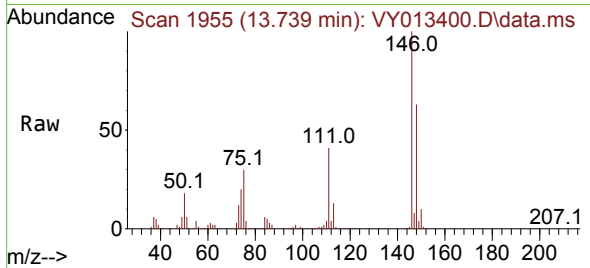




#91
 1,2-Dichlorobenzene
 Concen: 50.831 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY013400.D
 Acq: 24 Apr 2023 14:26

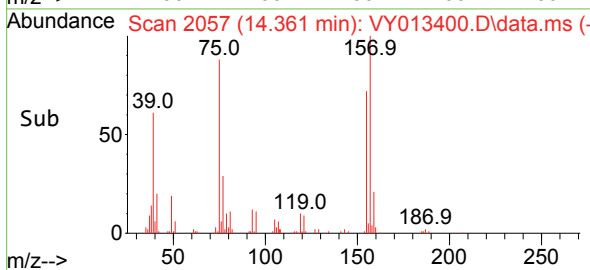
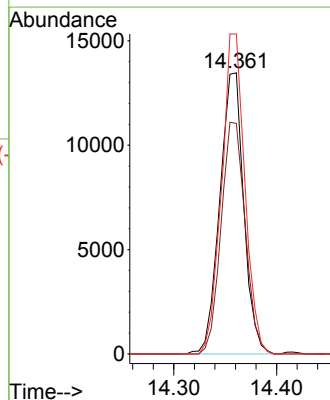
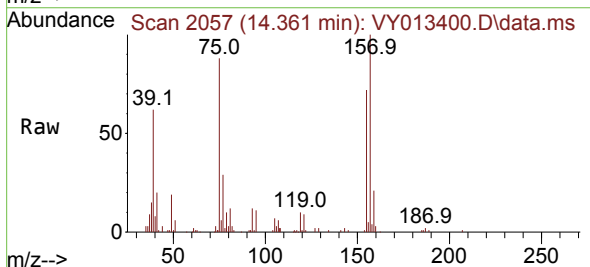
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY042423

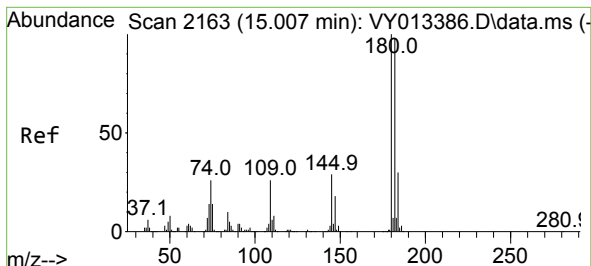
Tgt Ion:146 Resp: 234149
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.8 59.4
 148 63.3 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.564 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY013400.D
 Acq: 24 Apr 2023 14:26

Tgt Ion: 75 Resp: 21735
 Ion Ratio Lower Upper
 75 100
 155 82.9 44.6 134.0
 157 110.3 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 50.017 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY042423

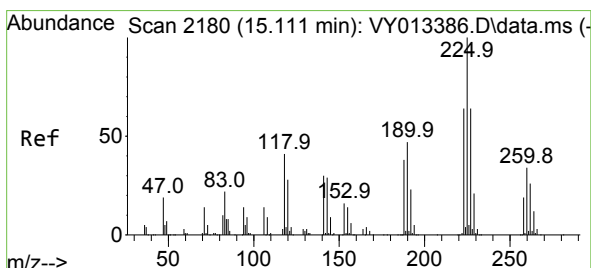
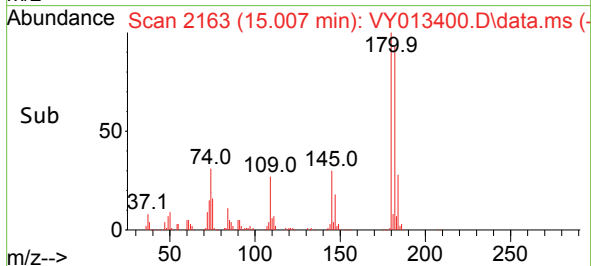
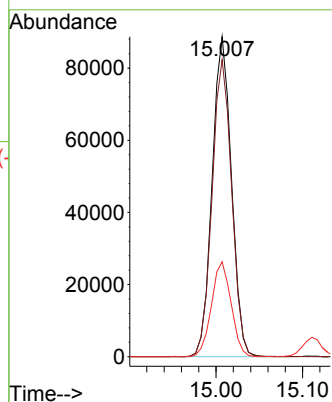
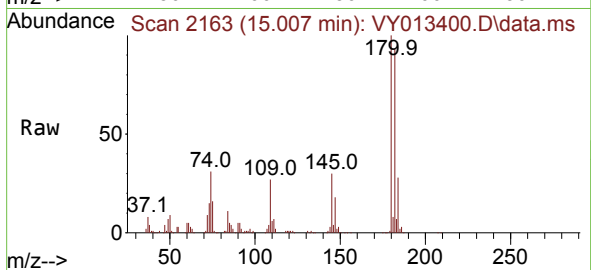
Tgt Ion:180 Resp: 137365

Ion Ratio Lower Upper

180 100

182 94.1 48.5 145.5

145 30.2 15.0 45.0



#94

Hexachlorobutadiene

Concen: 48.618 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

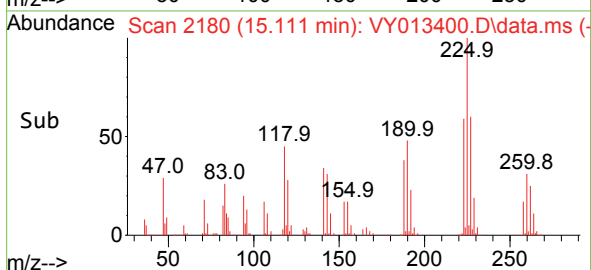
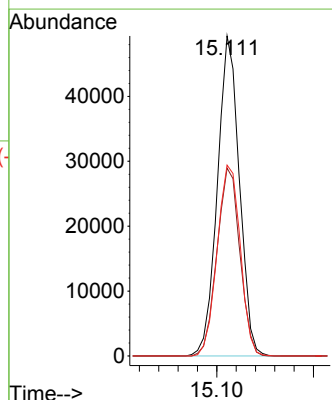
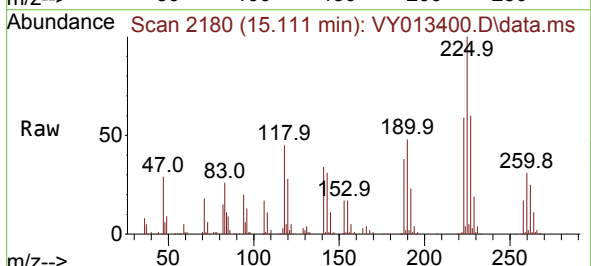
Tgt Ion:225 Resp: 77708

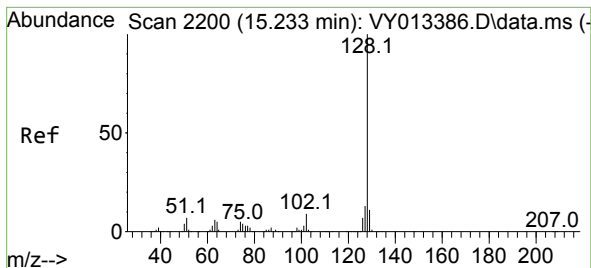
Ion Ratio Lower Upper

225 100

223 61.1 31.4 94.2

227 62.6 32.0 96.0





#95

Naphthalene

Concen: 49.725 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY042423

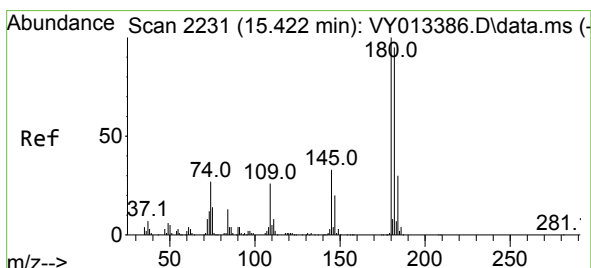
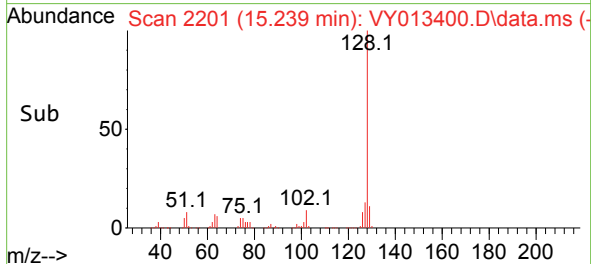
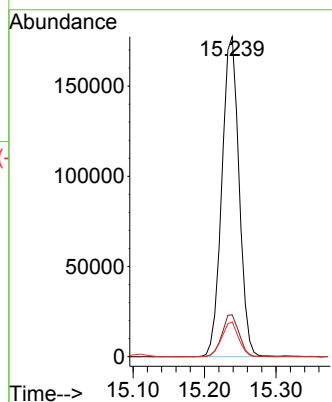
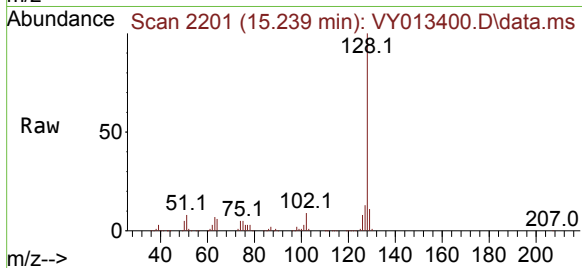
Tgt Ion:128 Resp: 296302

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.403 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013400.D

Acq: 24 Apr 2023 14:26

Tgt Ion:180 Resp: 120930

Ion Ratio Lower Upper

180 100

182 95.7 47.1 141.3

145 32.0 15.9 47.7

