

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083123\
 Data File : VY015394.D
 Acq On : 31 Aug 2023 11:25
 Operator : SY/MD
 Sample : VY0831SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0831SBSD01

Quant Time: Sep 01 00:44:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	156740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	266239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79958	47.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.180%
35) Dibromofluoromethane	7.709	113	70808	46.175	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.340%
50) Toluene-d8	10.178	98	246767	44.436	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.880%
62) 4-Bromofluorobenzene	12.477	95	90788	44.038	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	24438	17.936	ug/l	95
3) Chloromethane	2.107	50	37030	20.465	ug/l	99
4) Vinyl Chloride	2.247	62	39644	18.823	ug/l	97
5) Bromomethane	2.637	94	29623	19.767	ug/l	99
6) Chloroethane	2.783	64	27829	20.103	ug/l	93
7) Trichlorofluoromethane	3.113	101	56253	18.882	ug/l	96
8) Diethyl Ether	3.527	74	21694	21.308	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.893	101	31335	18.977	ug/l	95
10) Methyl Iodide	4.082	142	34219	17.647	ug/l	98
11) Tert butyl alcohol	4.923	59	65271	167.285	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	30430	19.530	ug/l	84
13) Acrolein	3.728	56	33727	80.533	ug/l	100
14) Allyl chloride	4.478	41	52000	20.961	ug/l	95
15) Acrylonitrile	5.161	53	71311	111.309	ug/l	99
16) Acetone	3.948	43	78038	111.273	ug/l	93
17) Carbon Disulfide	4.186	76	86450	18.559	ug/l	98
18) Methyl Acetate	4.478	43	57057	22.462	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	107634	21.255	ug/l	99
20) Methylene Chloride	4.710	84	54632	20.124	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	35164	19.599	ug/l	98
22) Diisopropyl ether	6.118	45	115533	21.294	ug/l	91
23) Vinyl Acetate	6.057	43	363509	106.115	ug/l	95
24) 1,1-Dichloroethane	6.008	63	65039	20.737	ug/l	98
25) 2-Butanone	6.984	43	114958	115.570	ug/l	97
26) 2,2-Dichloropropane	6.978	77	57792	21.695	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	42488	20.874	ug/l	98
28) Bromochloromethane	7.331	49	22394	23.283	ug/l	96
29) Tetrahydrofuran	7.350	42	69364	111.045	ug/l	95
30) Chloroform	7.502	83	69257	21.006	ug/l	96
31) Cyclohexane	7.783	56	52779	17.683	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	57673	19.584	ug/l	99
36) 1,1-Dichloropropene	7.917	75	49288	18.305	ug/l	99
37) Ethyl Acetate	7.069	43	43875	21.127	ug/l	96
38) Carbon Tetrachloride	7.898	117	50629	18.206	ug/l	99
39) Methylcyclohexane	9.179	83	58429	17.236	ug/l	93
40) Benzene	8.154	78	149602	19.914	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	60974	62.612	ug/l #	29
42) 1,2-Dichloroethane	8.234	62	49585	19.794	ug/l	95
43) Isopropyl Acetate	8.270	43	74147	20.648	ug/l	97
44) Trichloroethene	8.935	130	41579	19.562	ug/l	94
45) 1,2-Dichloropropane	9.209	63	38307	20.228	ug/l	95
46) Dibromomethane	9.307	93	25379	20.175	ug/l	94
47) Bromodichloromethane	9.496	83	55068	20.470	ug/l	99
48) Methyl methacrylate	9.288	41	33109	20.095	ug/l	94
49) 1,4-Dioxane	9.307	88	9251	395.914	ug/l #	48
51) 4-Methyl-2-Pentanone	10.069	43	224248	107.440	ug/l	95
52) Toluene	10.239	92	94552	19.637	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	57103	19.973	ug/l	97
54) cis-1,3-Dichloropropene	9.928	75	62960	20.244	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	34554	20.386	ug/l	98
56) Ethyl methacrylate	10.508	69	50821	20.233	ug/l	92
57) 1,3-Dichloropropane	10.788	76	60730	20.814	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	98775	110.172	ug/l	96
59) 2-Hexanone	10.831	43	167875	107.191	ug/l	93
60) Dibromochloromethane	10.983	129	40245	20.286	ug/l	100
61) 1,2-Dibromoethane	11.087	107	35347	20.580	ug/l	99
64) Tetrachloroethene	10.715	164	43439	19.386	ug/l	96
65) Chlorobenzene	11.514	112	103345	19.427	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	38954	20.007	ug/l	98
67) Ethyl Benzene	11.593	91	181273	18.977	ug/l	99
68) m/p-Xylenes	11.703	106	139959	37.801	ug/l	97
69) o-Xylene	12.026	106	67522	19.082	ug/l	97
70) Styrene	12.044	104	115538	19.419	ug/l	96
71) Bromoform	12.209	173	26960	19.850	ug/l #	98
73) Isopropylbenzene	12.330	105	174676	18.579	ug/l	100
74) N-amyl acetate	12.142	43	62298	19.723	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.580	83	44977	20.040	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	60283	36.318	ug/l #	100
77) Bromobenzene	12.611	156	43956	19.740	ug/l	97
78) n-propylbenzene	12.672	91	214704	18.873	ug/l	100
79) 2-Chlorotoluene	12.757	91	121828	19.092	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	147540	18.761	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	14323	19.035	ug/l	99
82) 4-Chlorotoluene	12.855	91	126243	19.036	ug/l	100
83) tert-Butylbenzene	13.074	119	126278	18.333	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	148191	18.979	ug/l	98
85) sec-Butylbenzene	13.251	105	190153	18.509	ug/l	100
86) p-Isopropyltoluene	13.367	119	160088	18.592	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	85993	19.561	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	85738	19.294	ug/l	98
89) n-Butylbenzene	13.696	91	150065	18.517	ug/l	97
90) Hexachloroethane	13.958	117	29010	18.838	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	79188	19.739	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8998	20.267	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	49191	19.524	ug/l	99
94) Hexachlorobutadiene	15.110	225	25686	18.697	ug/l	99
95) Naphthalene	15.232	128	124402	19.933	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	45519	19.807	ug/l	99

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QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

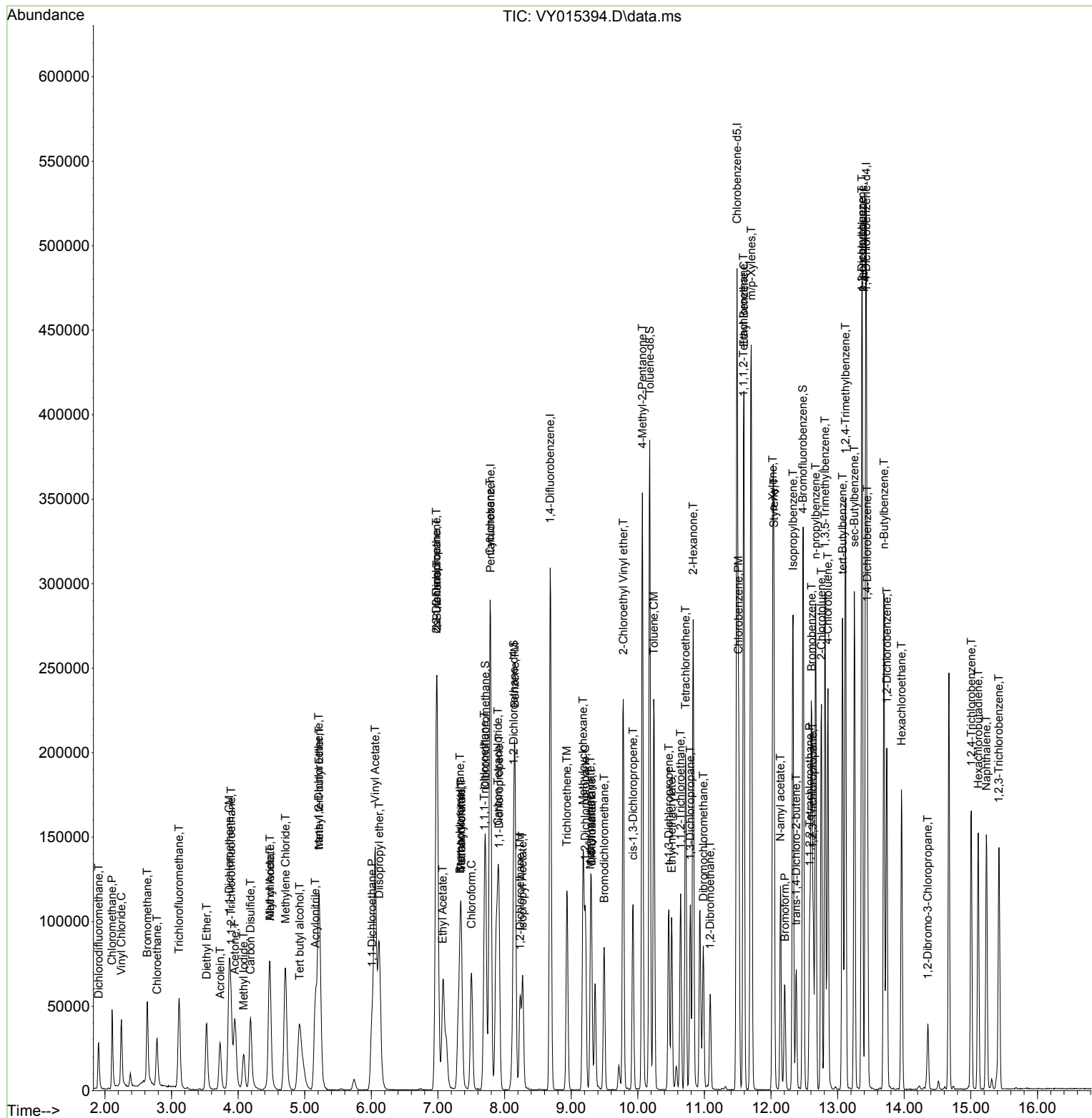
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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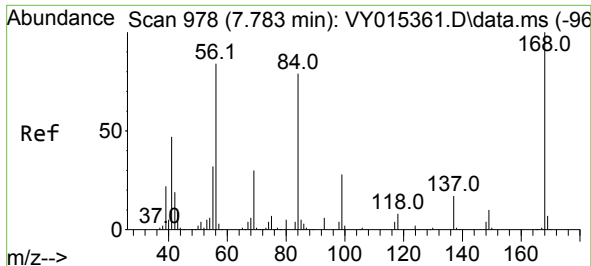
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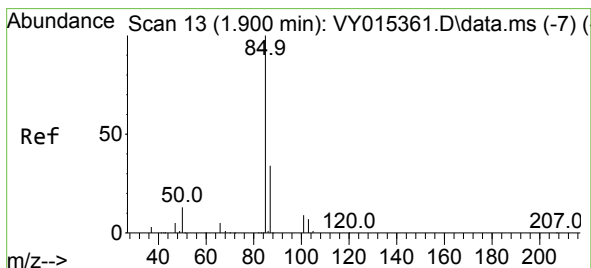
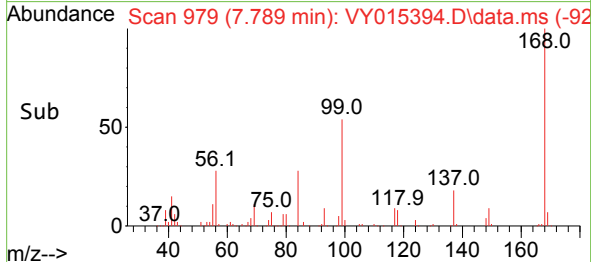
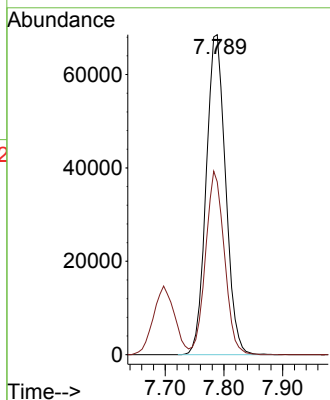
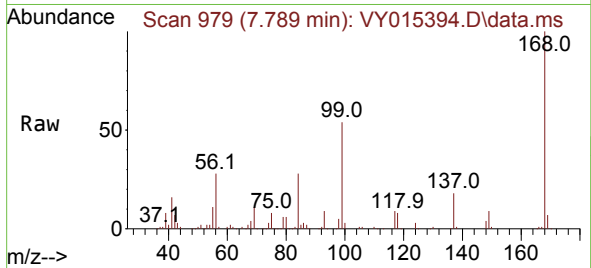




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015394.D
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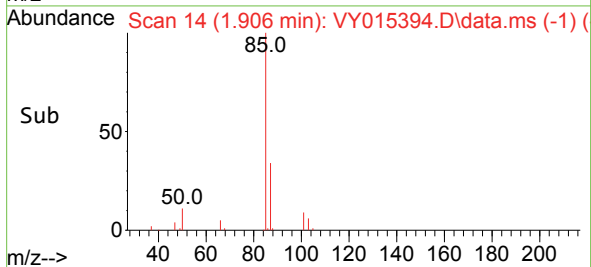
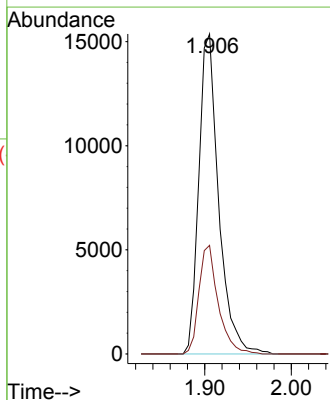
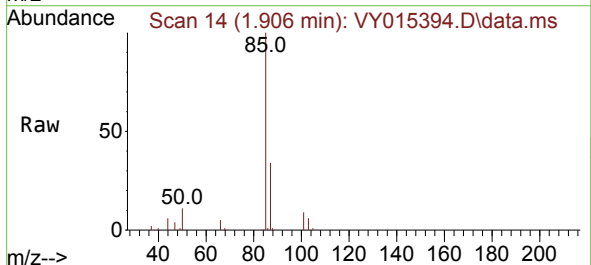
Instrument :
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ClientSampleId :
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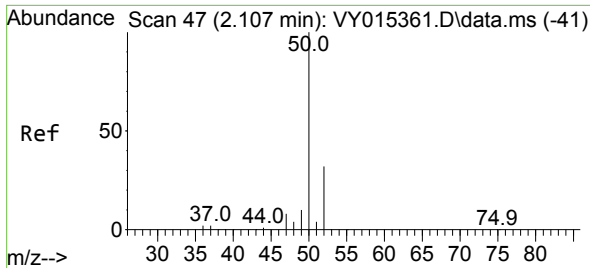
Tgt Ion:168 Resp: 156740
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 17.936 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion: 85 Resp: 24438
Ion Ratio Lower Upper
85 100
87 33.9 15.6 46.8

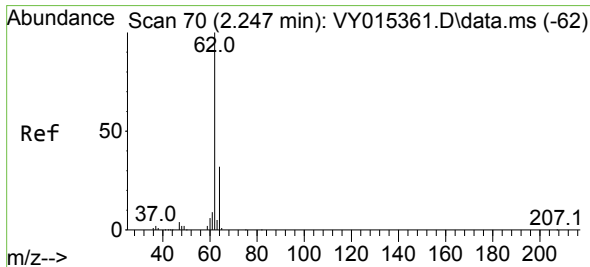
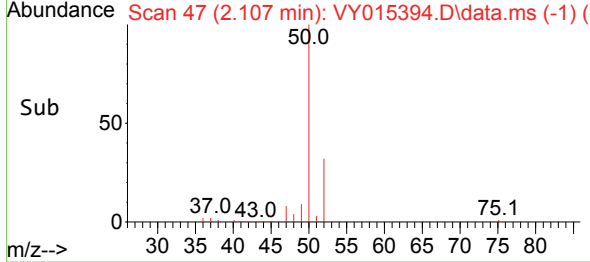
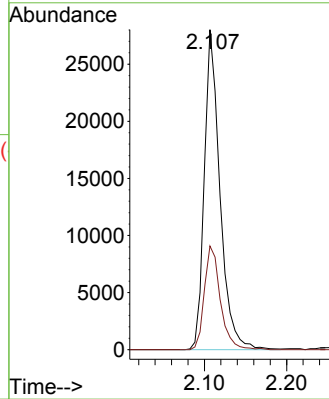
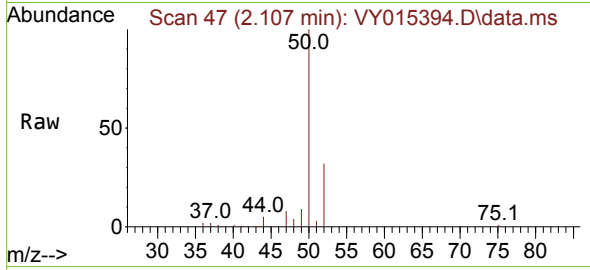




#3
Chloromethane
Concen: 20.465 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015394.D
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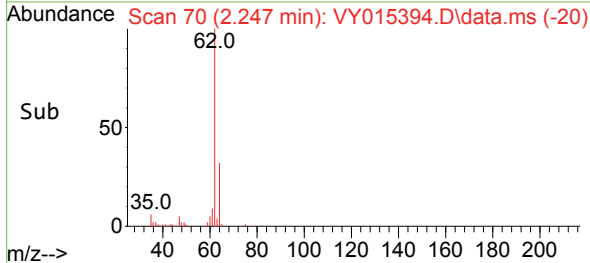
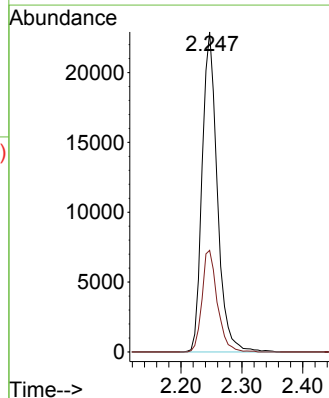
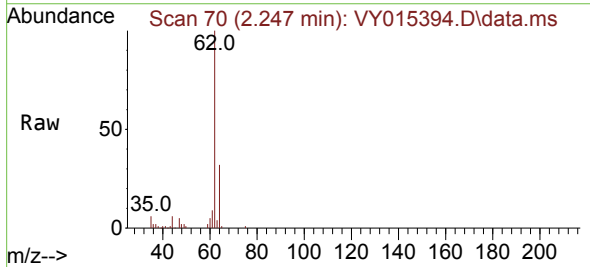
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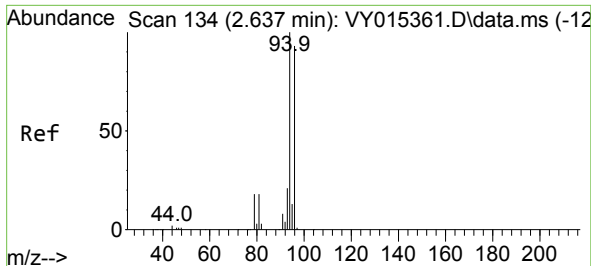
Tgt Ion: 50 Resp: 37030
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2



#4
Vinyl Chloride
Concen: 18.823 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion: 62 Resp: 39644
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5

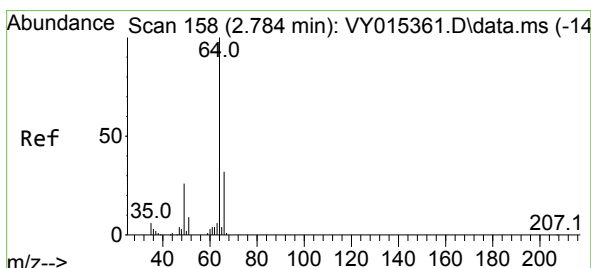
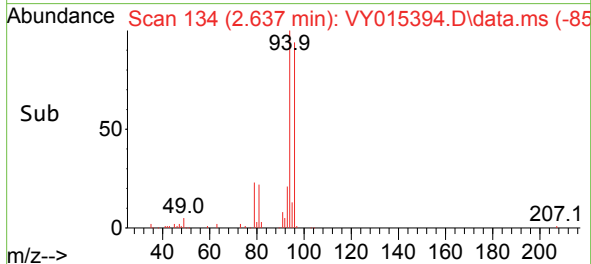
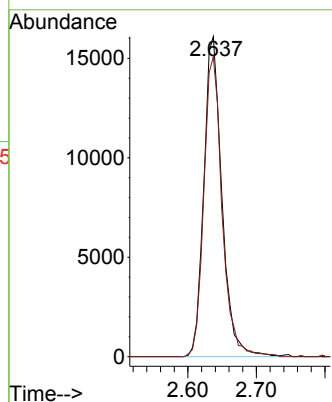
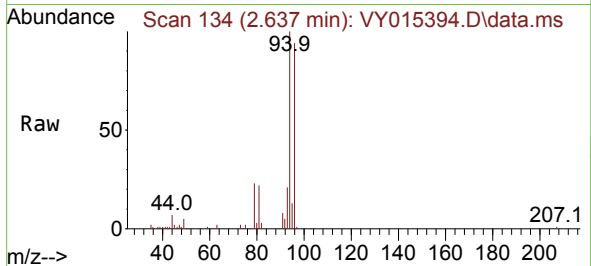




#5
Bromomethane
Concen: 19.767 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015394.D
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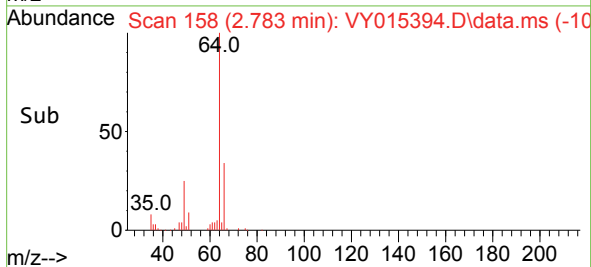
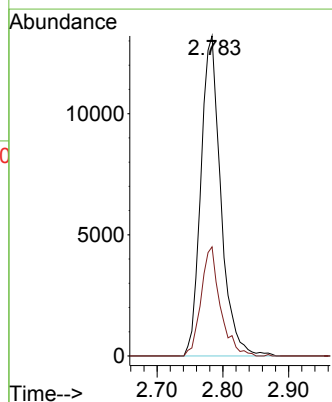
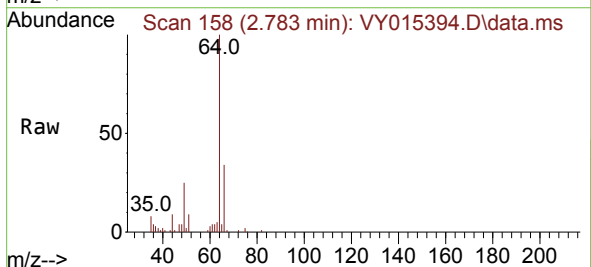
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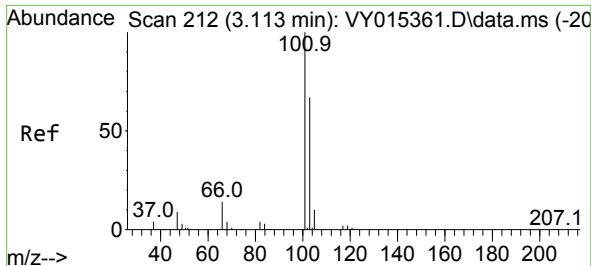
Tgt Ion: 94 Resp: 29623
Ion Ratio Lower Upper
94 100
96 93.7 75.8 113.6



#6
Chloroethane
Concen: 20.103 ug/l
RT: 2.783 min Scan# 158
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 27829
Ion Ratio Lower Upper
64 100
66 34.1 24.4 36.6

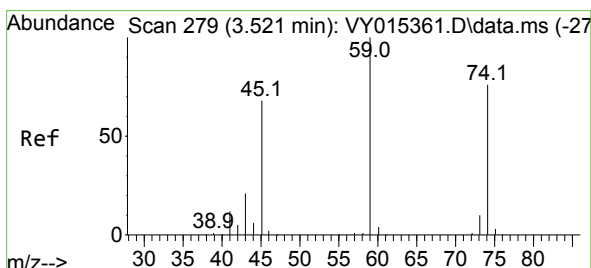
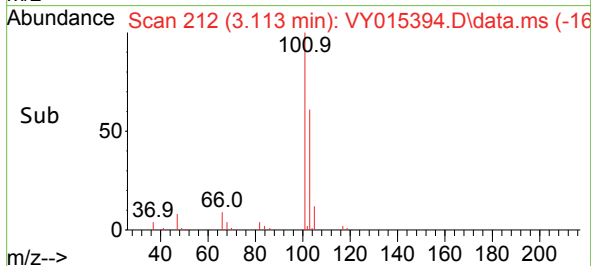
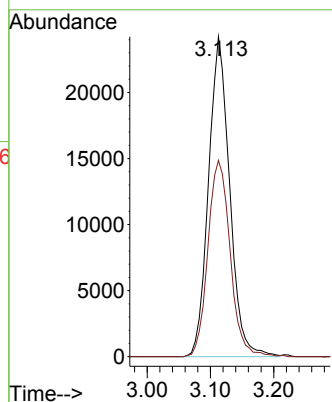
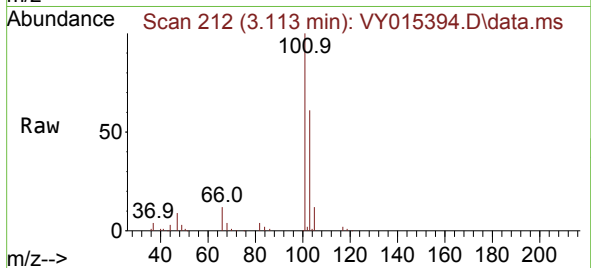




#7
Trichlorofluoromethane
Concen: 18.882 ug/l
RT: 3.113 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY015394.D
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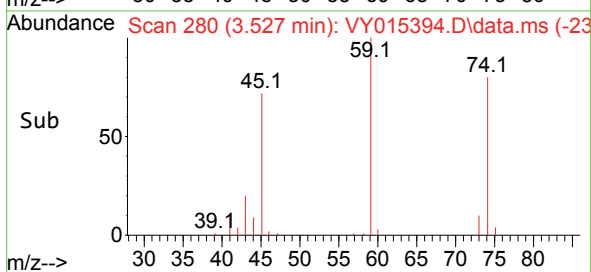
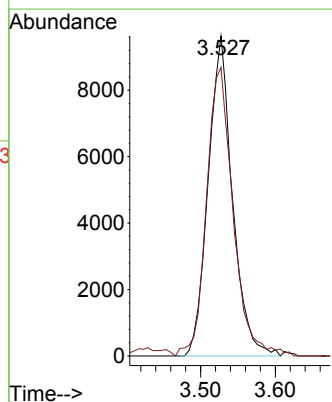
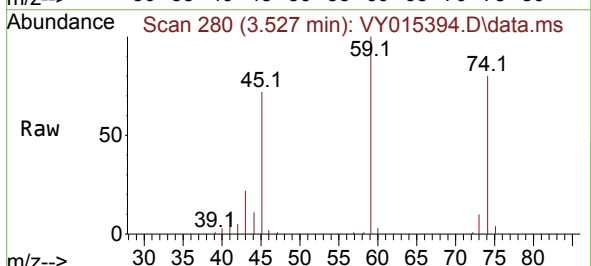
Instrument :
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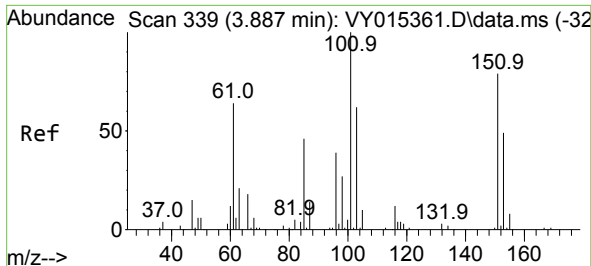
Tgt Ion:101 Resp: 56253
Ion Ratio Lower Upper
101 100
103 61.3 51.4 77.0



#8
Diethyl Ether
Concen: 21.308 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY015394.D
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Tgt Ion: 74 Resp: 21694
Ion Ratio Lower Upper
74 100
45 98.7 51.5 154.5

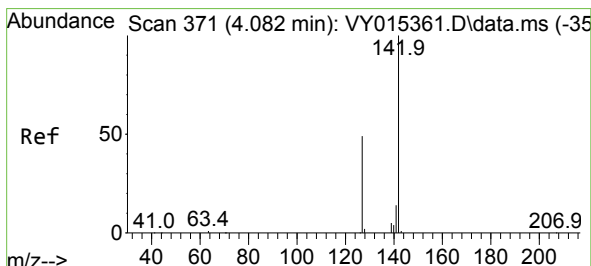
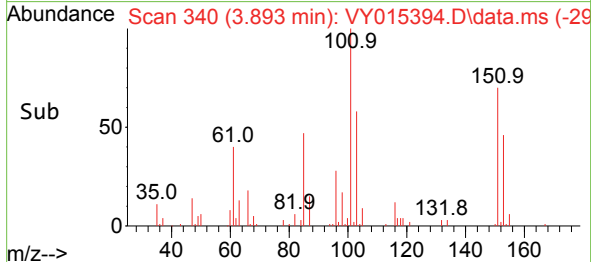
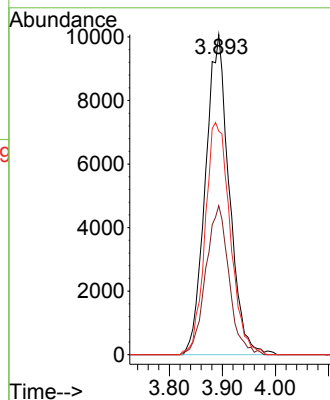
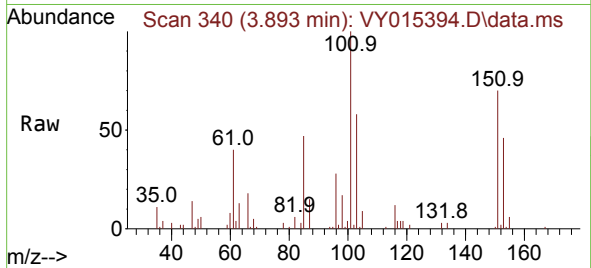




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.977 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

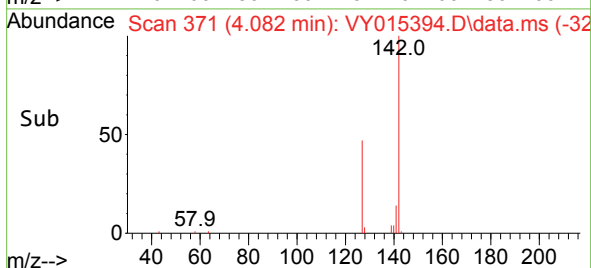
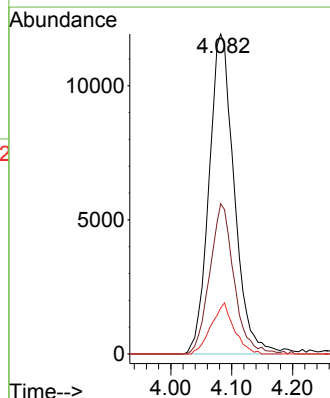
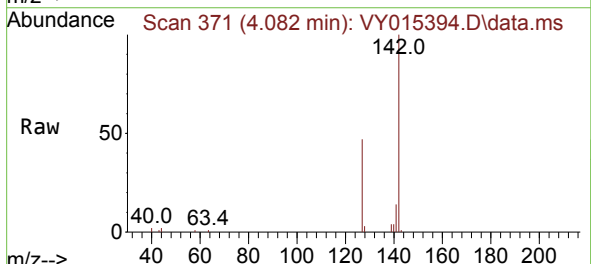
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBSD01

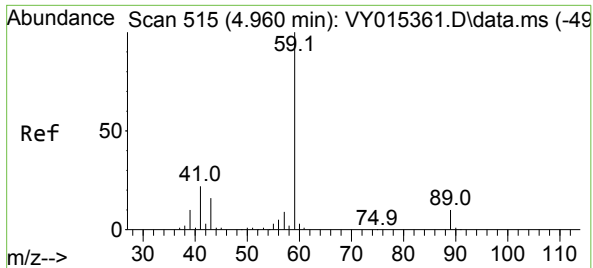
Tgt Ion:101 Resp: 31335
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 76.4 67.0 100.6



#10
Methyl Iodide
Concen: 17.647 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion:142 Resp: 34219
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 14.5 11.8 17.8

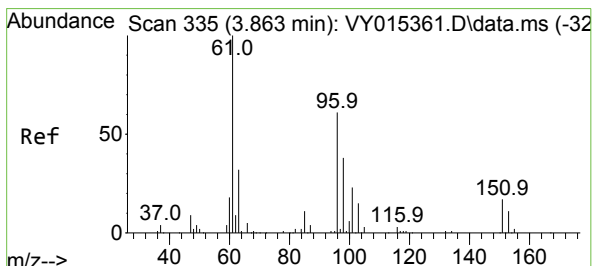
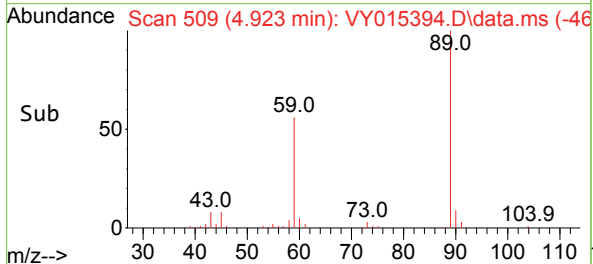
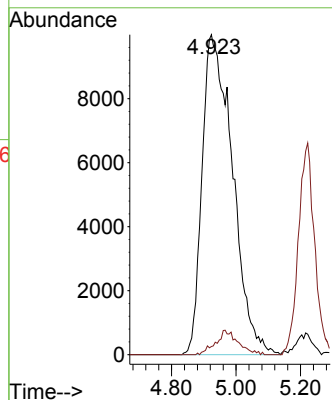
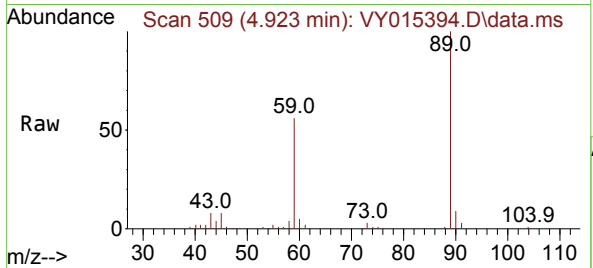




#11
Tert butyl alcohol
Concen: 167.285 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.031 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

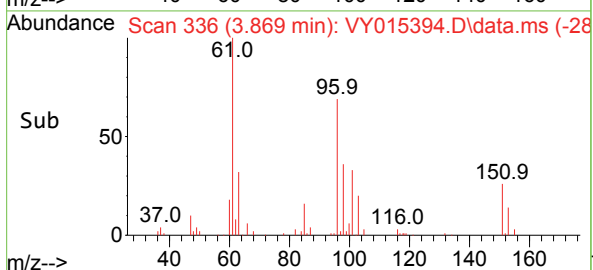
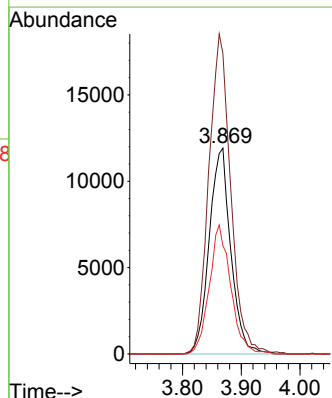
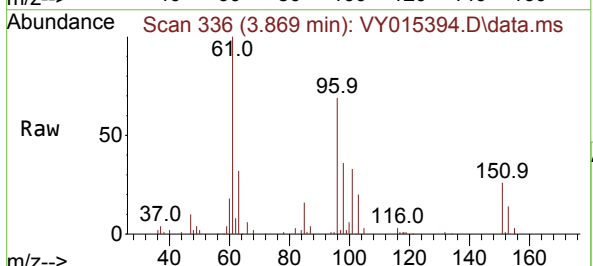
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBSD01

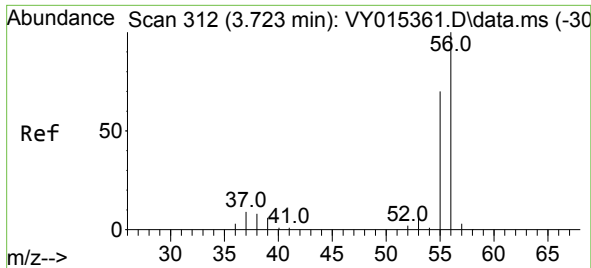
Tgt Ion: 59 Resp: 65271
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.530 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion: 96 Resp: 30430
Ion Ratio Lower Upper
96 100
61 145.8 136.4 204.6
98 52.6 49.4 74.2

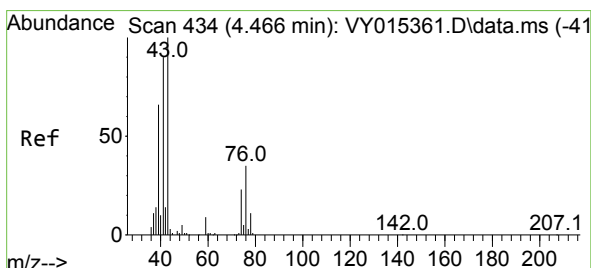
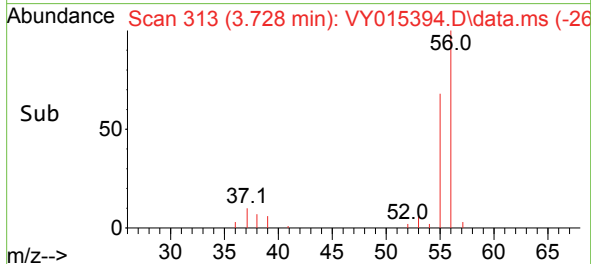
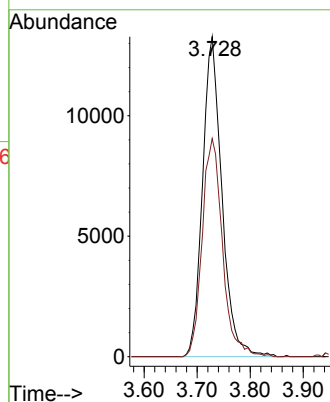
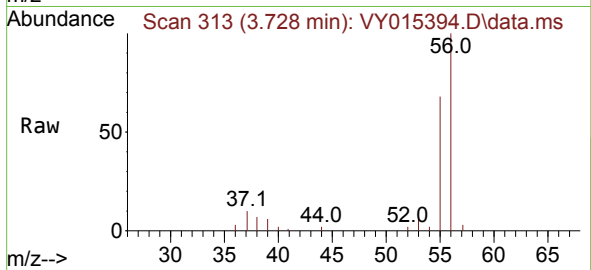




#13
Acrolein
Concen: 80.533 ug/l
RT: 3.728 min Scan# 312
Delta R.T. 0.005 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

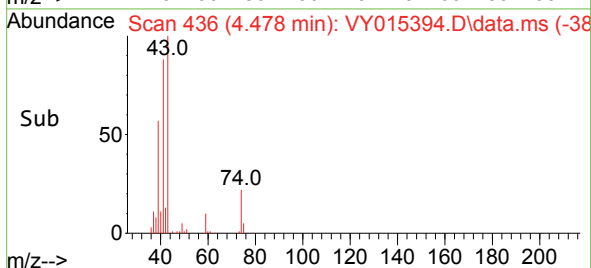
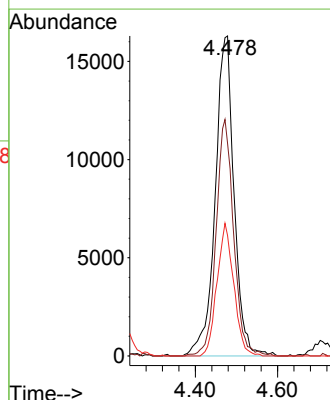
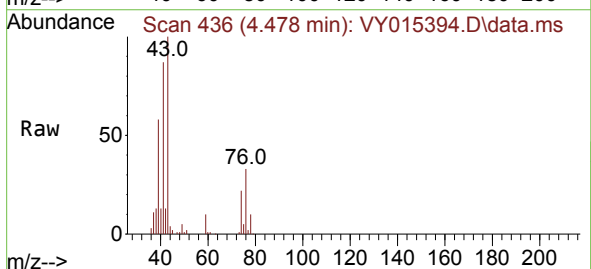
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBSD01

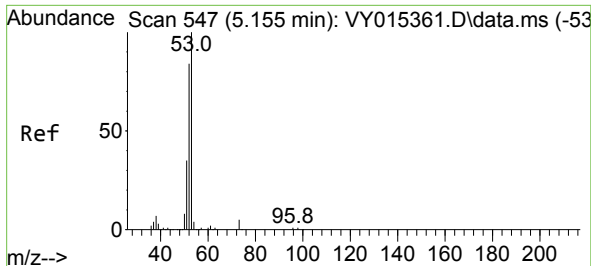
Tgt Ion: 56 Resp: 33727
Ion Ratio Lower Upper
56 100
55 71.2 57.0 85.4



#14
Allyl chloride
Concen: 20.961 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion: 41 Resp: 52000
Ion Ratio Lower Upper
41 100
39 68.6 58.0 87.0
76 36.8 27.4 41.2





#15

Acrylonitrile

Concen: 111.309 ug/l

RT: 5.161 min Scan# 54

Delta R.T. -0.000 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0831SBSD01

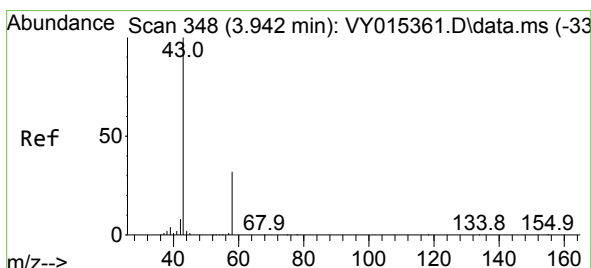
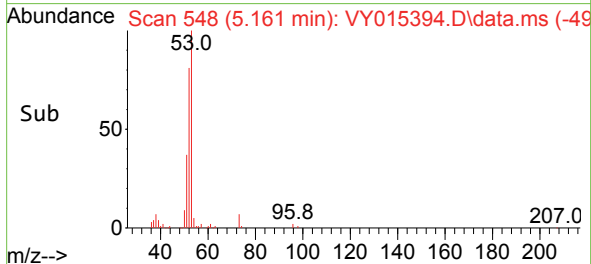
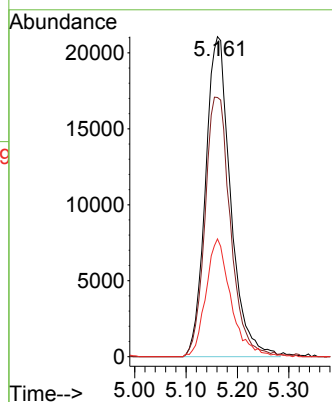
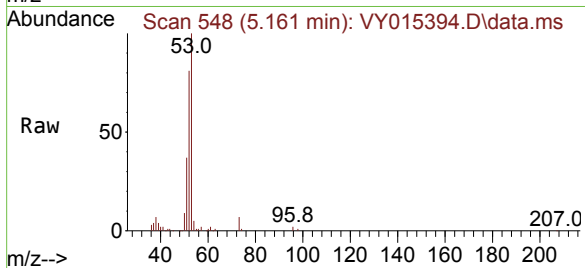
Tgt Ion: 53 Resp: 71311

Ion Ratio Lower Upper

53 100

52 82.7 66.9 100.3

51 37.0 29.8 44.6



#16

Acetone

Concen: 111.273 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY015394.D

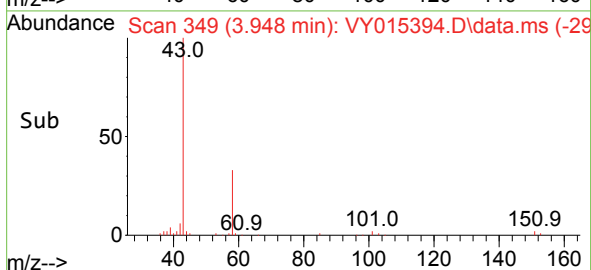
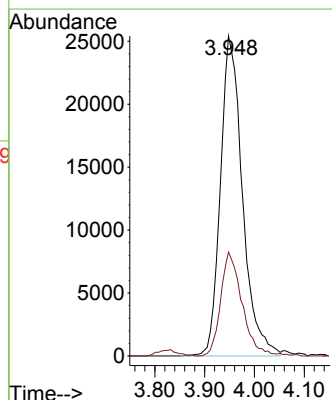
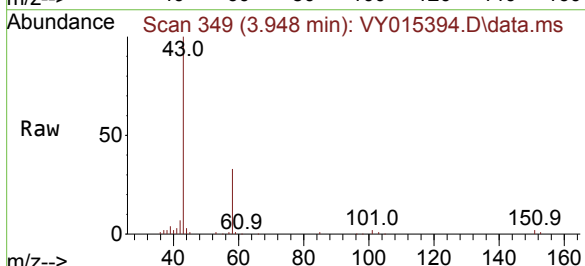
Acq: 31 Aug 2023 11:25

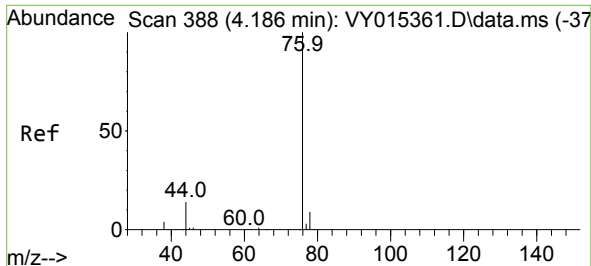
Tgt Ion: 43 Resp: 78038

Ion Ratio Lower Upper

43 100

58 31.8 22.7 34.1

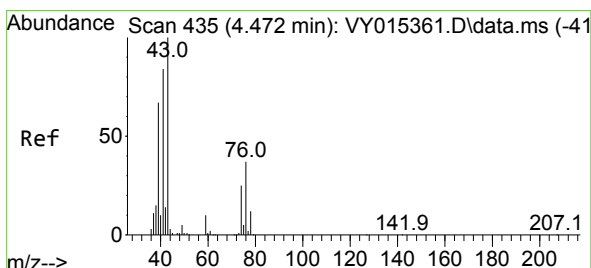
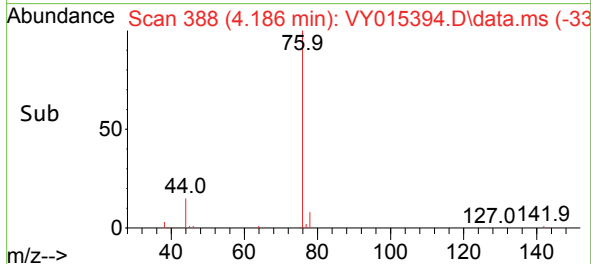
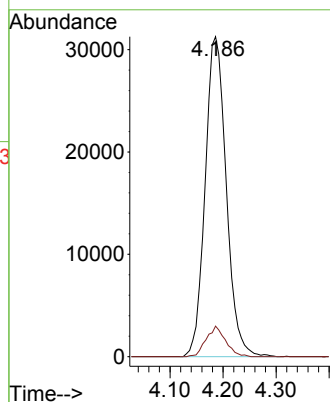
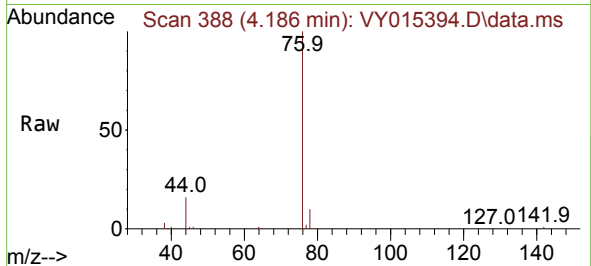




#17
Carbon Disulfide
Concen: 18.559 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

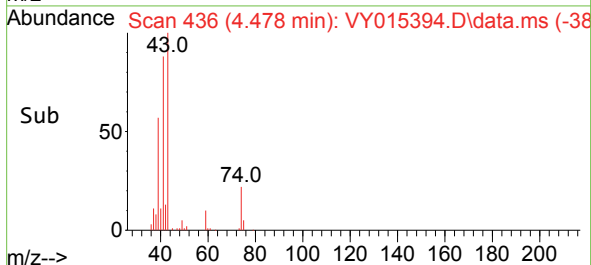
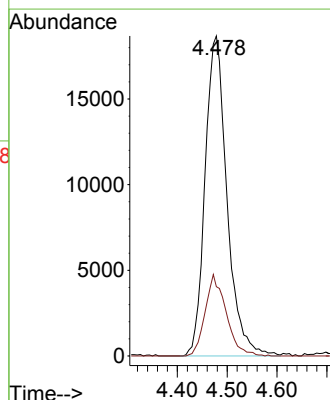
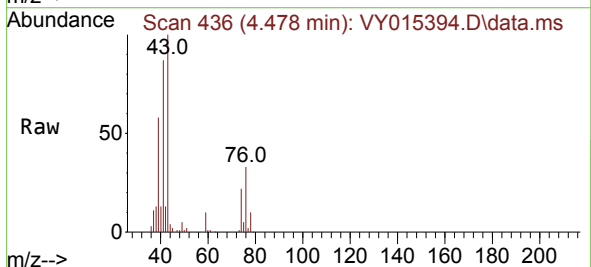
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBSD01

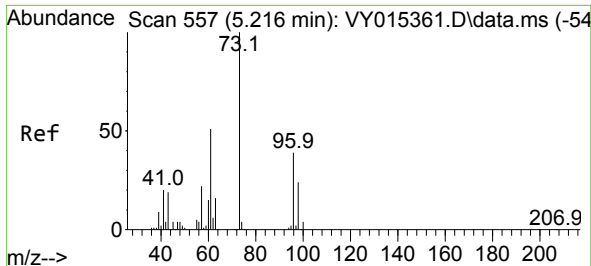
Tgt Ion: 76 Resp: 86450
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#18
Methyl Acetate
Concen: 22.462 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion: 43 Resp: 57057
Ion Ratio Lower Upper
43 100
74 24.4 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 21.255 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Instrument :

MSVOA_Y

ClientSampleId :

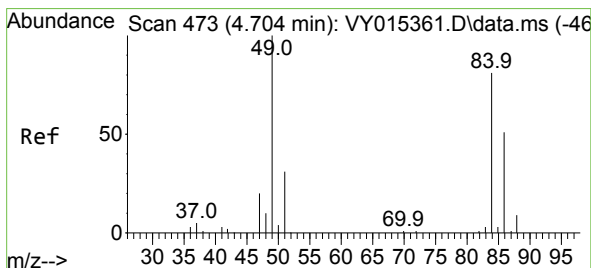
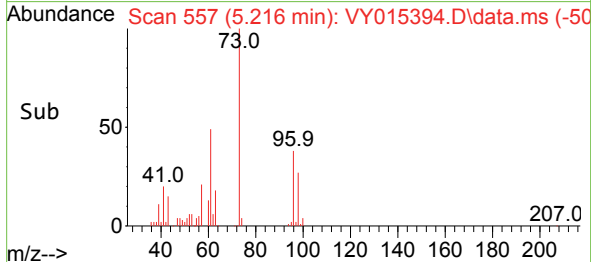
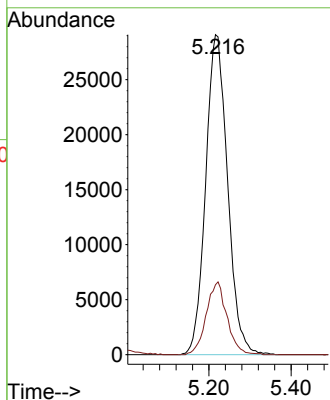
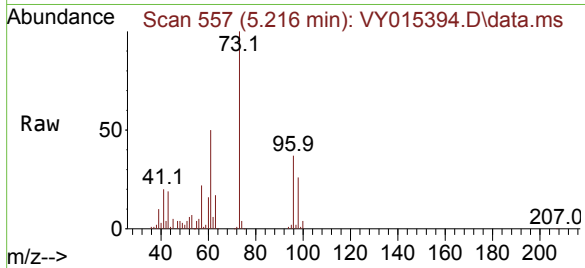
VY0831SBSD01

Tgt Ion: 73 Resp: 107634

Ion Ratio Lower Upper

73 100

57 21.8 17.3 25.9



#20

Methylene Chloride

Concen: 20.124 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Tgt Ion: 84 Resp: 54632

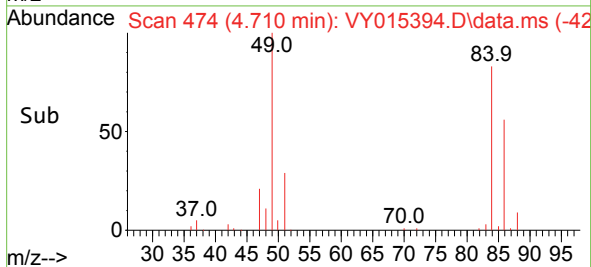
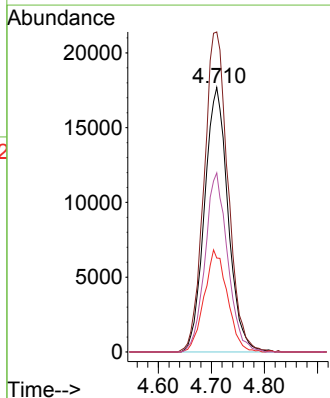
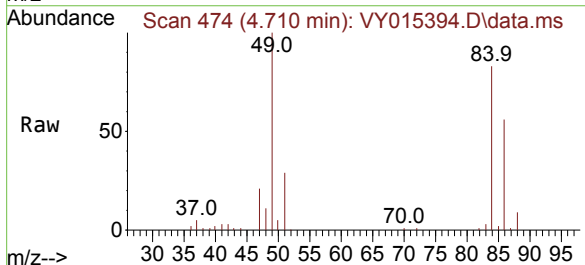
Ion Ratio Lower Upper

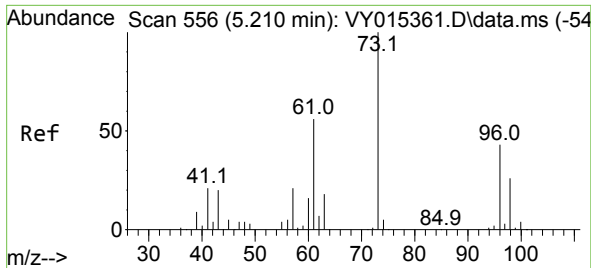
84 100

49 121.0 106.9 160.3

51 35.5 33.2 49.8

86 67.7 51.0 76.6

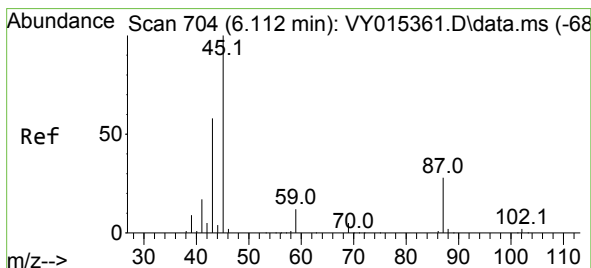
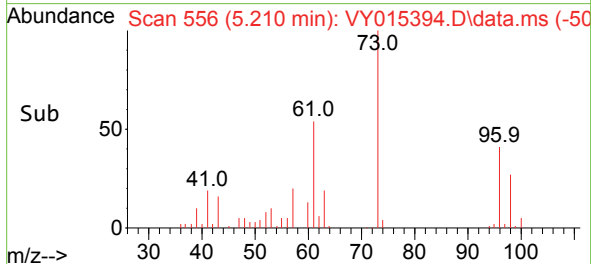
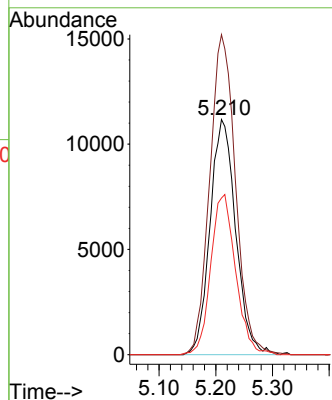
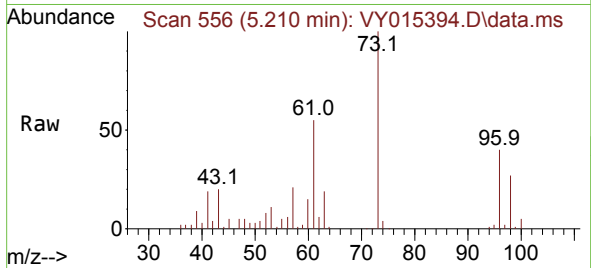




#21
trans-1,2-Dichloroethene
Concen: 19.599 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

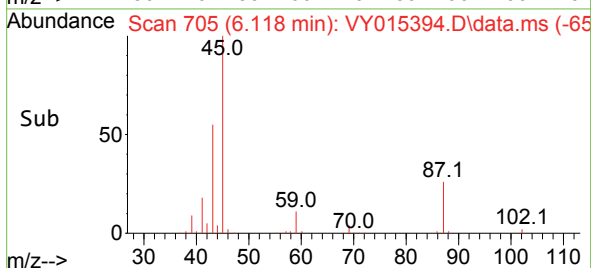
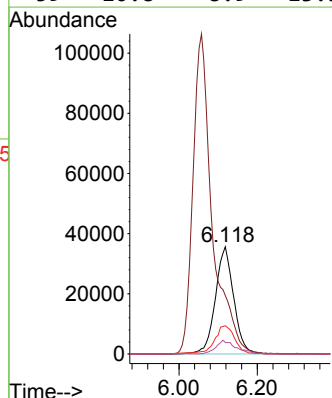
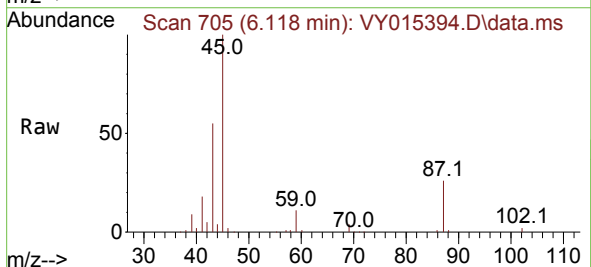
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBSD01

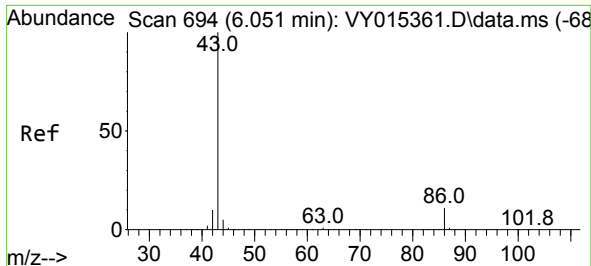
Tgt Ion: 96 Resp: 35164
Ion Ratio Lower Upper
96 100
61 136.0 110.2 165.4
98 66.6 51.8 77.6



#22
Diisopropyl ether
Concen: 21.294 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion: 45 Resp: 115533
Ion Ratio Lower Upper
45 100
43 54.2 52.2 78.4
87 26.4 21.0 31.6
59 10.8 8.9 13.3

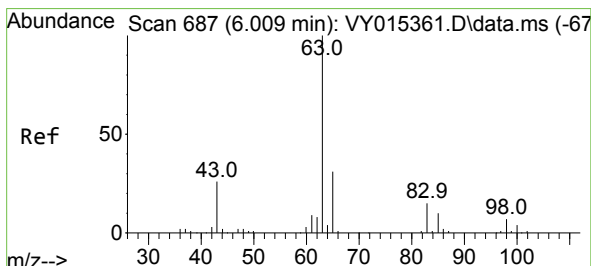
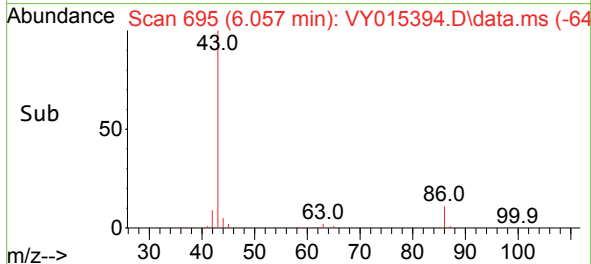
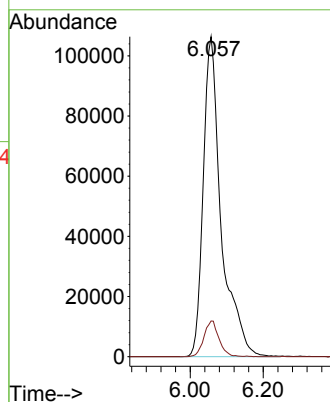
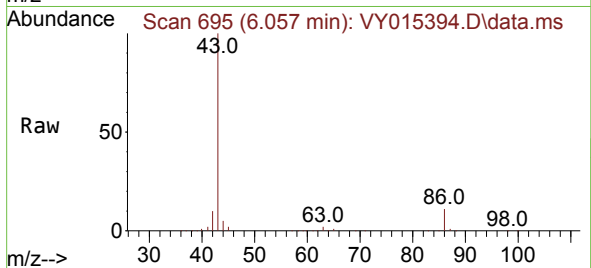




#23
 Vinyl Acetate
 Concen: 106.115 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY015394.D
 Acq: 31 Aug 2023 11:25

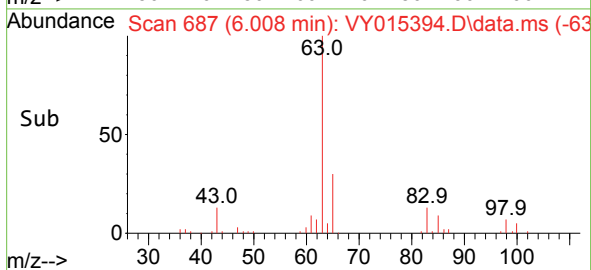
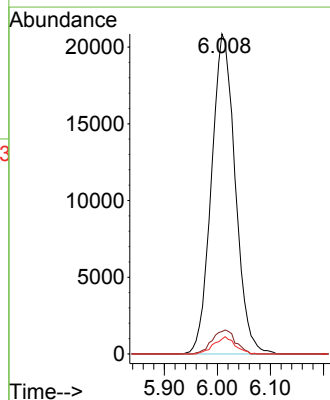
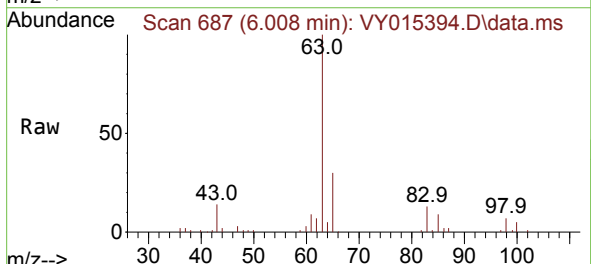
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0831SBS01

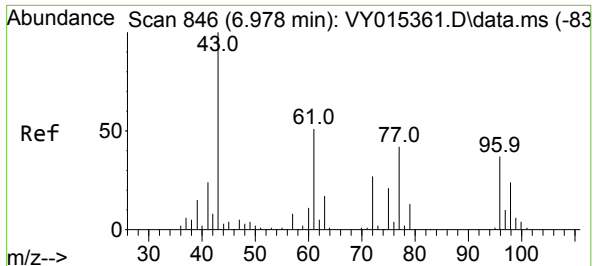
Tgt Ion: 43 Resp: 363509
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.737 ug/l
 RT: 6.008 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY015394.D
 Acq: 31 Aug 2023 11:25

Tgt Ion: 63 Resp: 65039
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.7 1.8 5.5

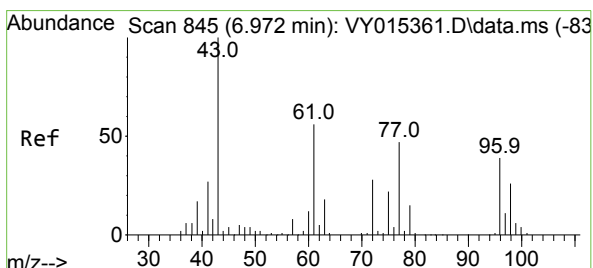
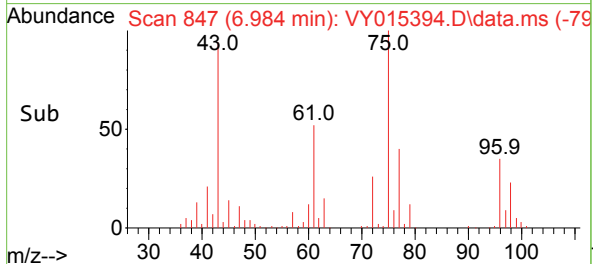
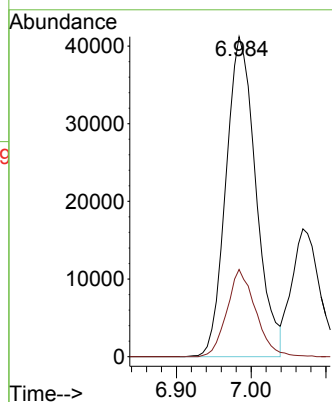
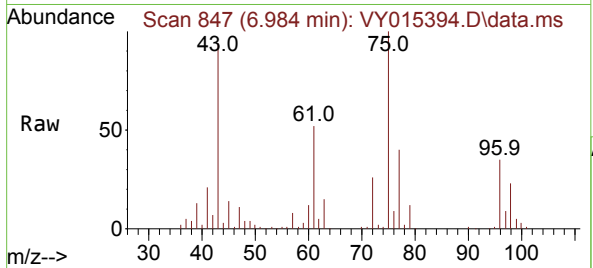




#25
2-Butanone
Concen: 115.570 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

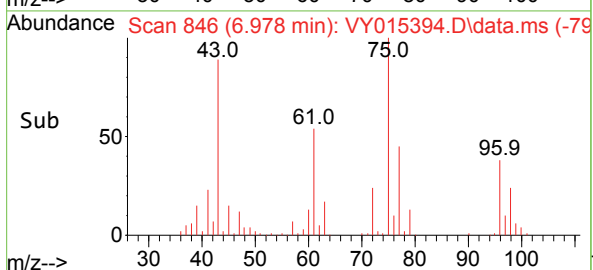
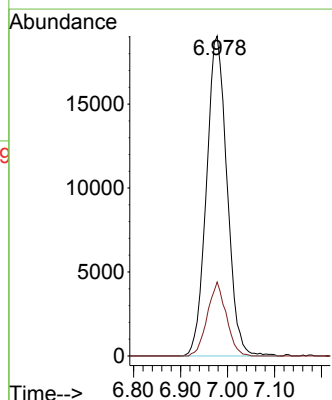
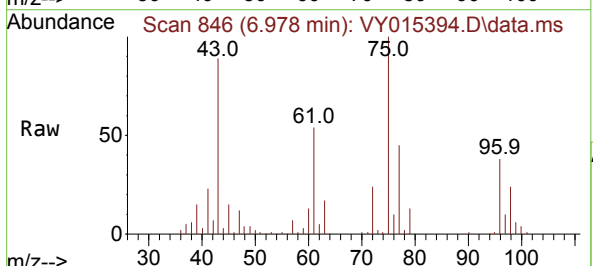
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBS01

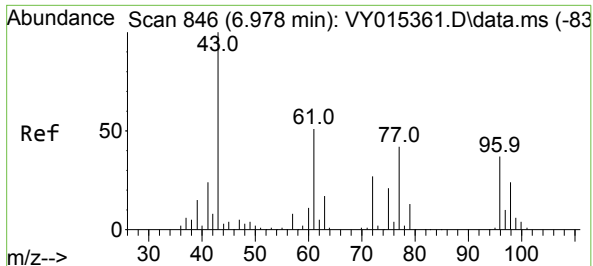
Tgt Ion: 43 Resp: 114958
Ion Ratio Lower Upper
43 100
72 27.3 20.5 30.7



#26
2,2-Dichloropropane
Concen: 21.695 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion: 77 Resp: 57792
Ion Ratio Lower Upper
77 100
97 21.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.874 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0831SBSD01

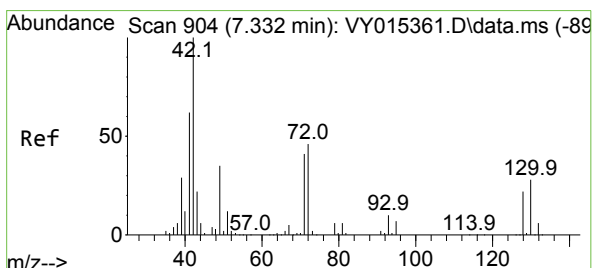
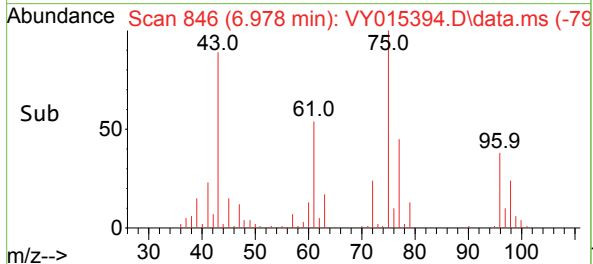
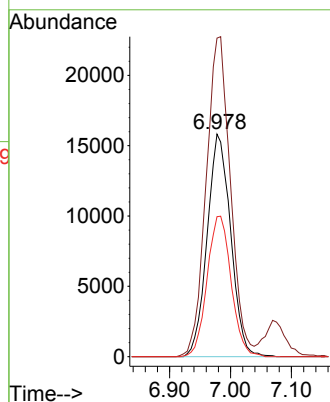
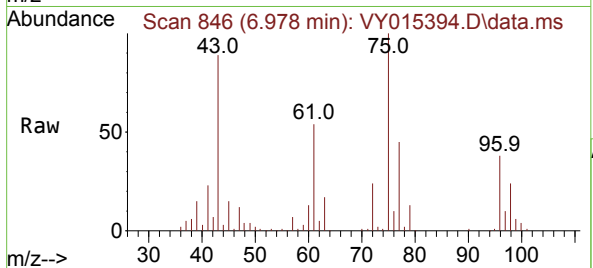
Tgt Ion: 96 Resp: 42488

Ion Ratio Lower Upper

96 100

61 147.9 0.0 301.4

98 64.4 0.0 130.4



#28

Bromochloromethane

Concen: 23.283 ug/l

RT: 7.331 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

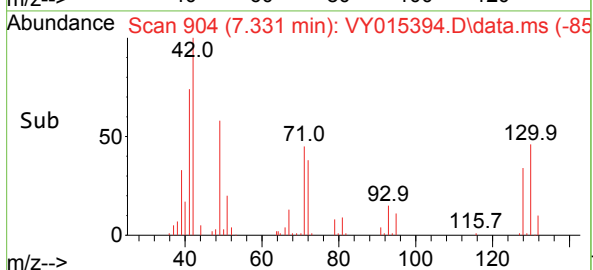
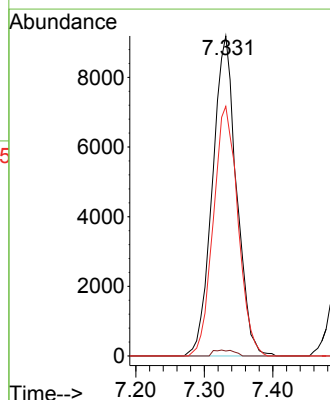
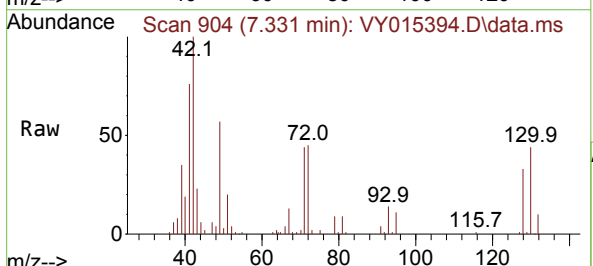
Tgt Ion: 49 Resp: 22394

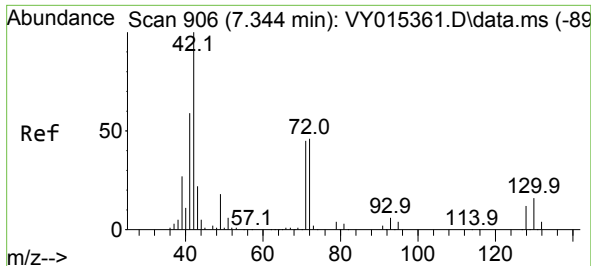
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.6

130 79.7 60.7 91.1

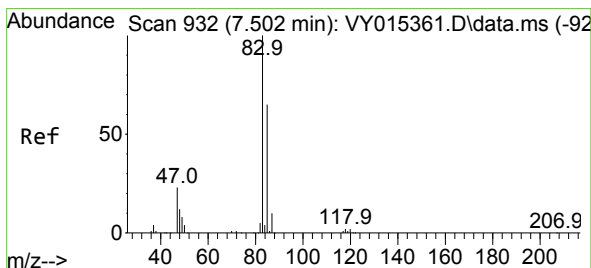
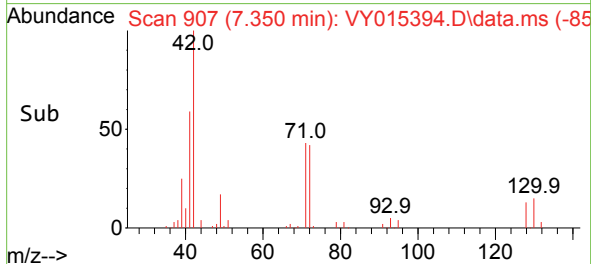
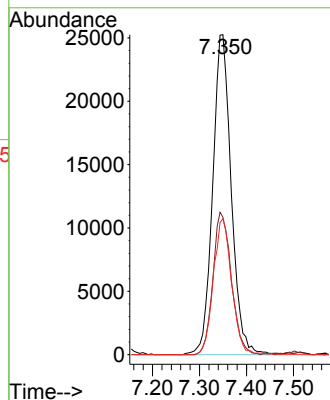
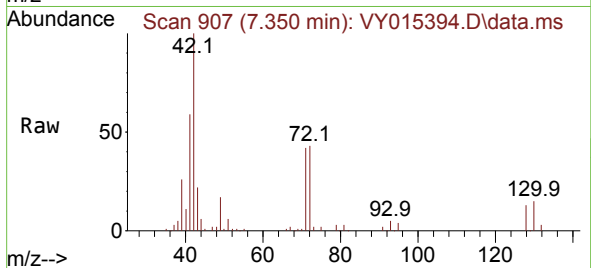




#29
Tetrahydrofuran
Concen: 111.045 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

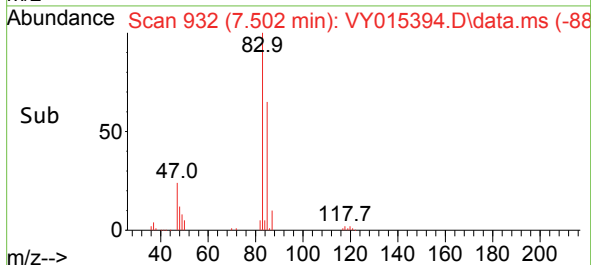
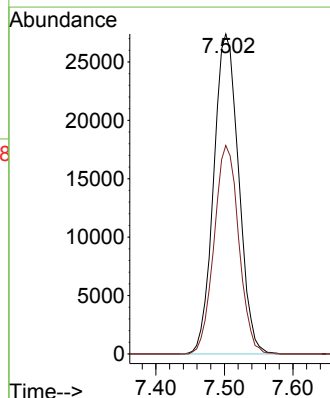
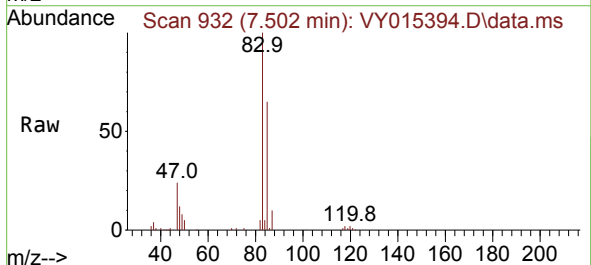
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBSD01

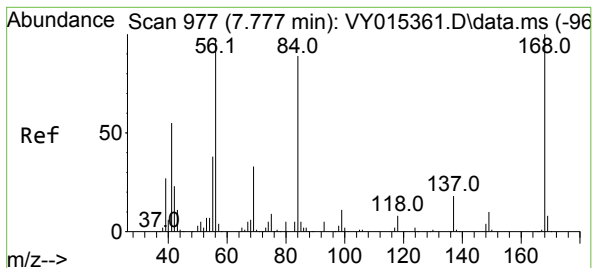
Tgt Ion: 42 Resp: 69364
Ion Ratio Lower Upper
42 100
72 44.1 32.8 49.2
71 42.0 31.0 46.4



#30
Chloroform
Concen: 21.006 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.006 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion: 83 Resp: 69257
Ion Ratio Lower Upper
83 100
85 65.2 49.7 74.5





#31

Cyclohexane

Concen: 17.683 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0831SBS01

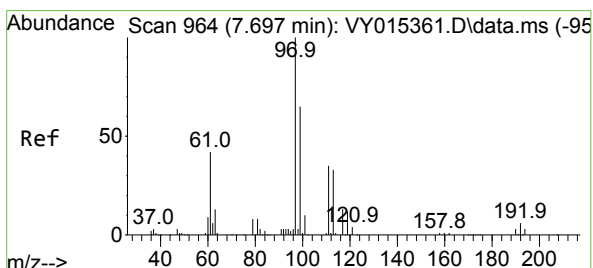
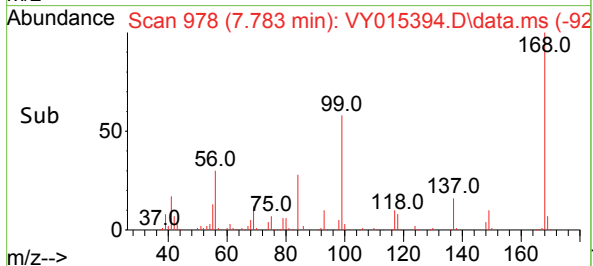
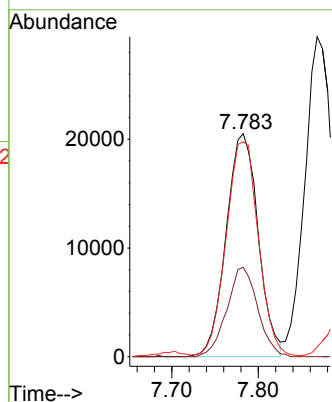
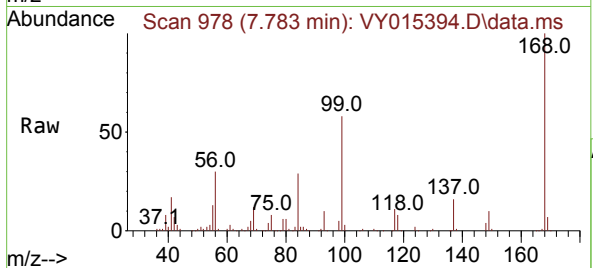
Tgt Ion: 56 Resp: 52779

Ion Ratio Lower Upper

56 100

69 40.0 27.8 41.6

84 94.9 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 19.584 ug/l

RT: 7.697 min Scan# 964

Delta R.T. 0.006 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

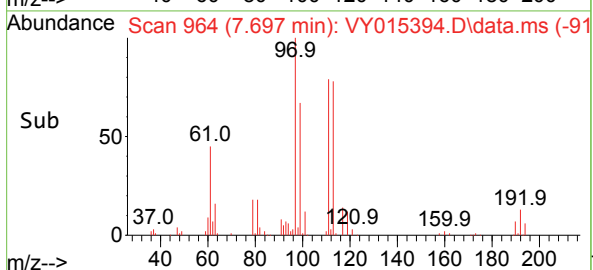
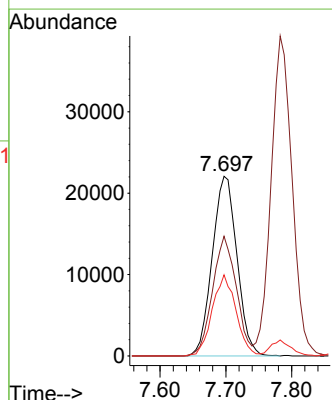
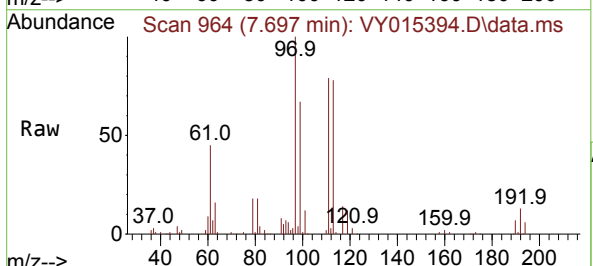
Tgt Ion: 97 Resp: 57673

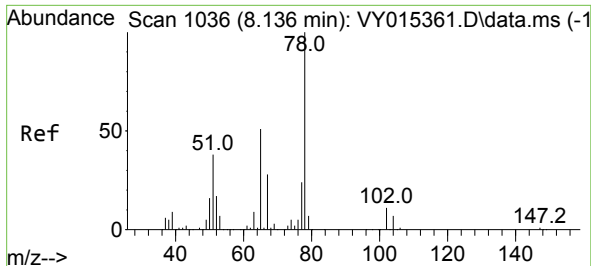
Ion Ratio Lower Upper

97 100

99 64.2 50.8 76.2

61 43.5 35.1 52.7

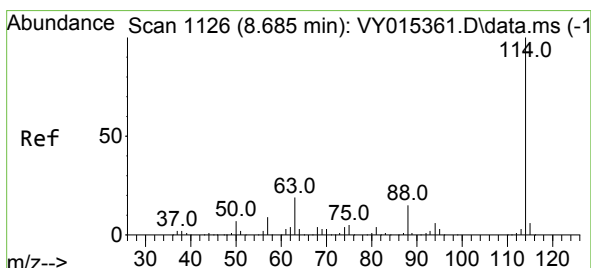
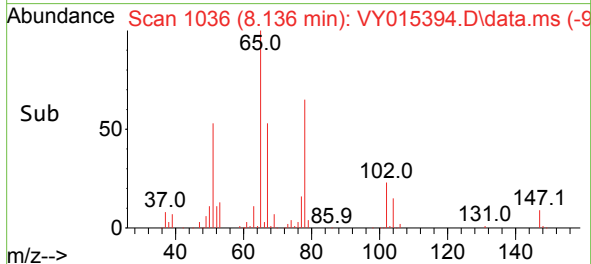
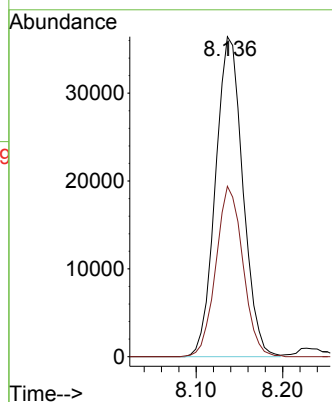
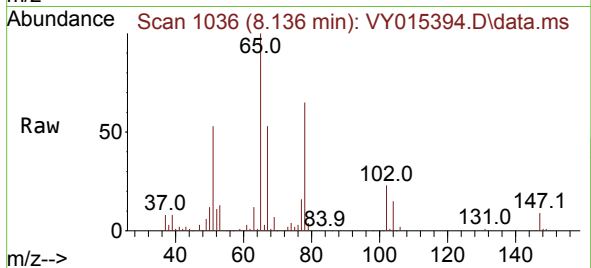




#33
 1,2-Dichloroethane-d4
 Concen: 47.588 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY015394.D
 Acq: 31 Aug 2023 11:25

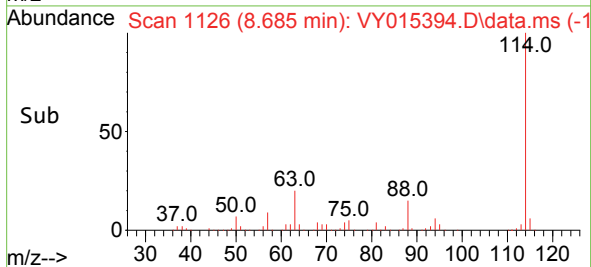
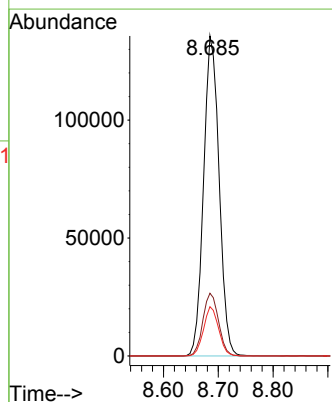
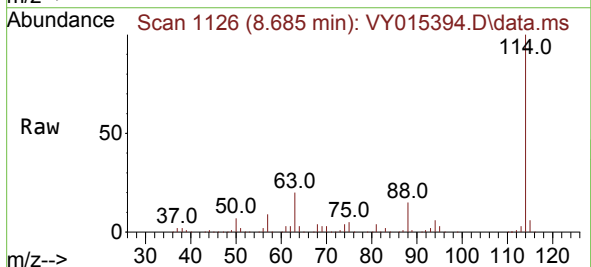
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0831SBSD01

Tgt Ion: 65 Resp: 79958
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY015394.D
 Acq: 31 Aug 2023 11:25

Tgt Ion: 114 Resp: 266239
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 15.4 0.0 30.6

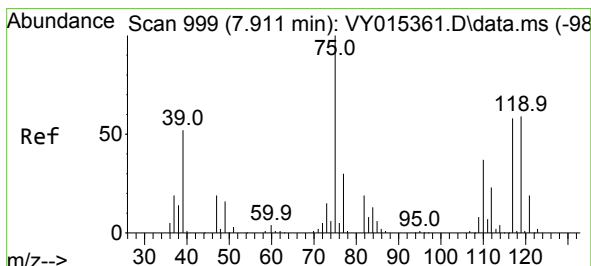
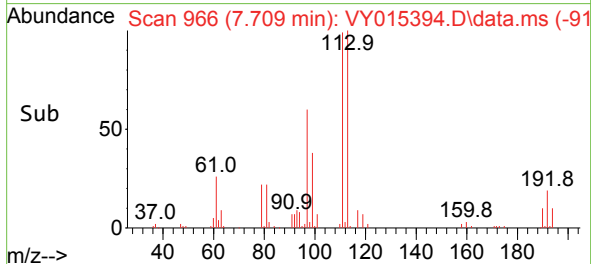
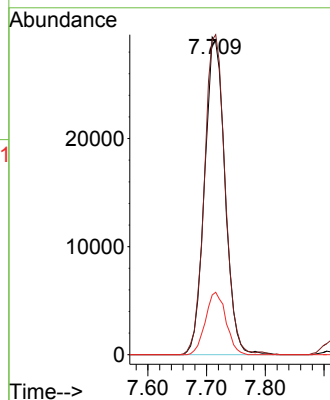
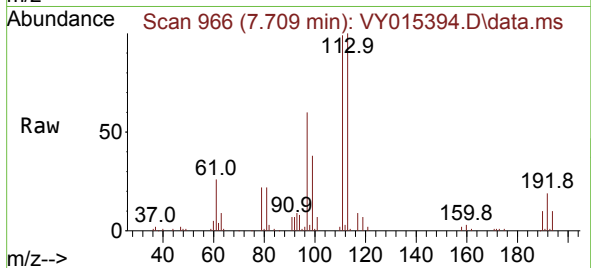




#35
Dibromofluoromethane
Concen: 46.175 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

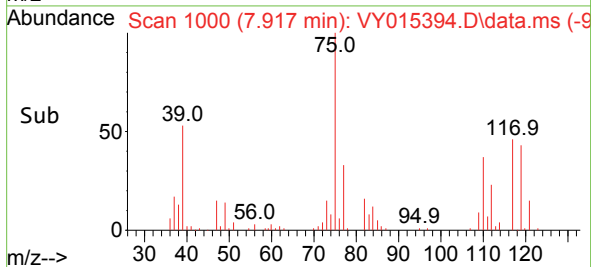
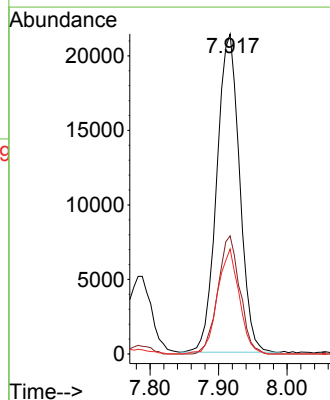
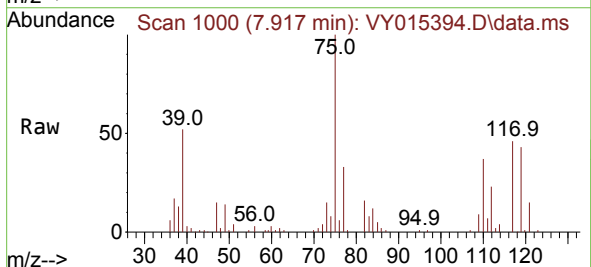
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBS01

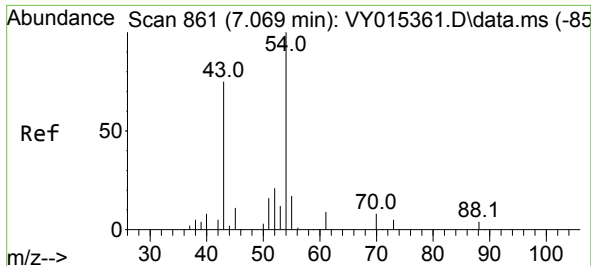
Tgt Ion:113 Resp: 70808
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 18.305 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion: 75 Resp: 49288
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.5
77 31.6 24.4 36.6

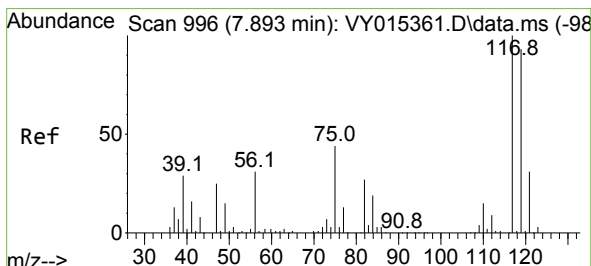
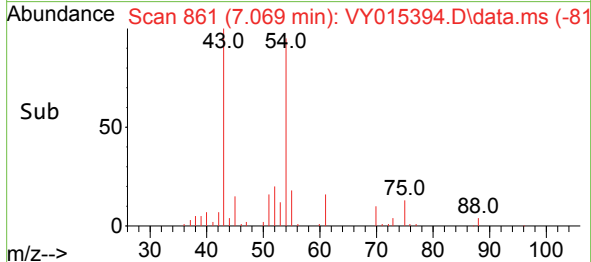
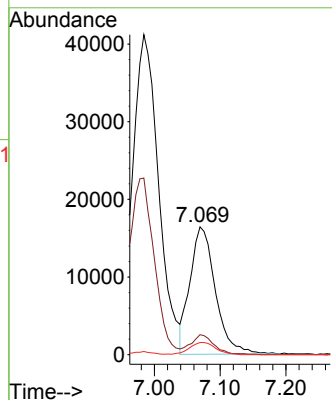
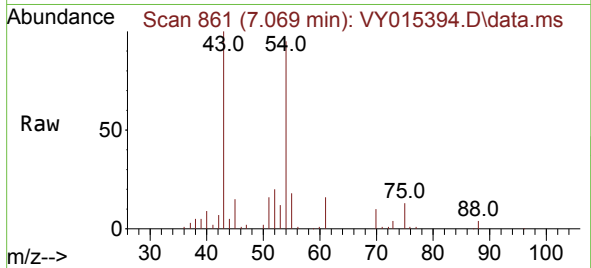




#37
Ethyl Acetate
Concen: 21.127 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

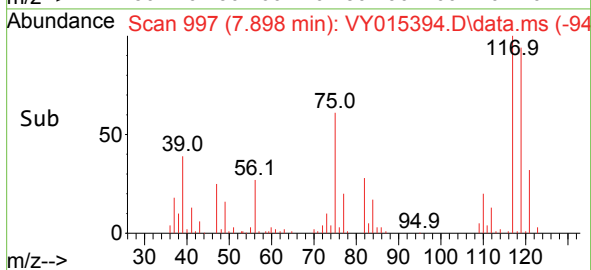
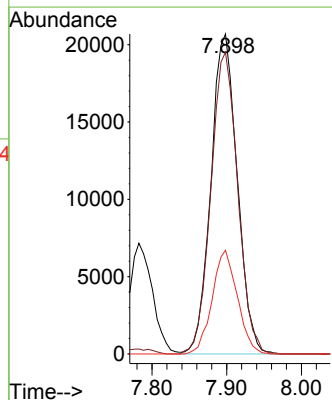
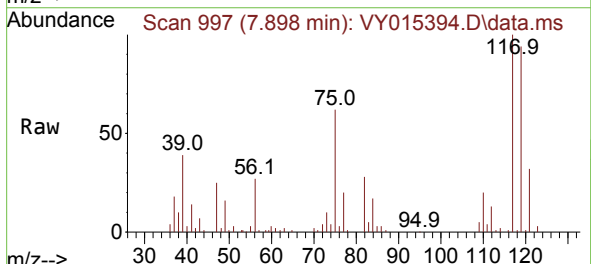
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBSD01

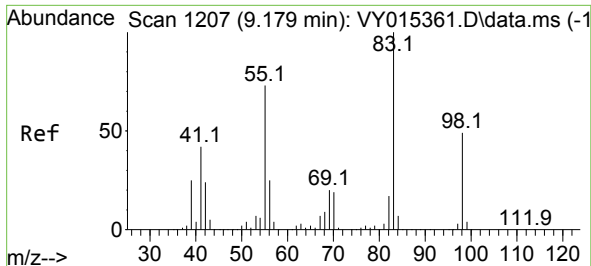
Tgt Ion:	43	Resp:	43875
Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.1	15.1
70	9.8	7.1	10.7



#38
Carbon Tetrachloride
Concen: 18.206 ug/l
RT: 7.898 min Scan# 997
Delta R.T. 0.006 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion:	117	Resp:	50629
Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.4	114.6
121	32.4	25.8	38.6





#39

Methylcyclohexane

Concen: 17.236 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0831SBS01

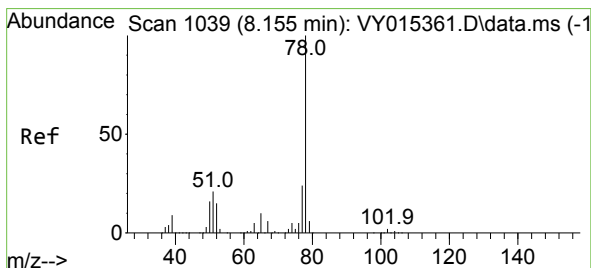
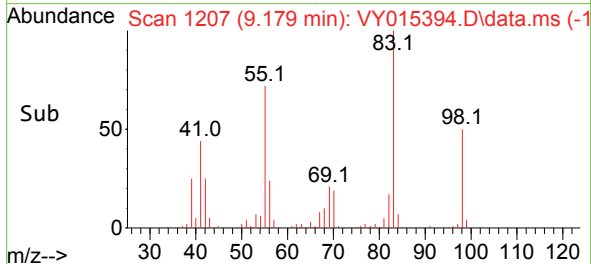
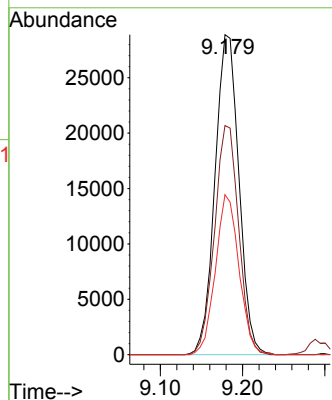
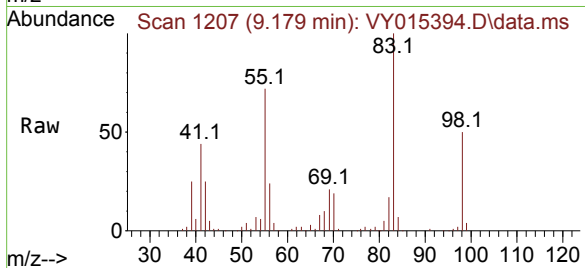
Tgt Ion: 83 Resp: 58429

Ion Ratio Lower Upper

83 100

55 71.6 63.0 94.4

98 50.0 37.4 56.2



#40

Benzene

Concen: 19.914 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015394.D

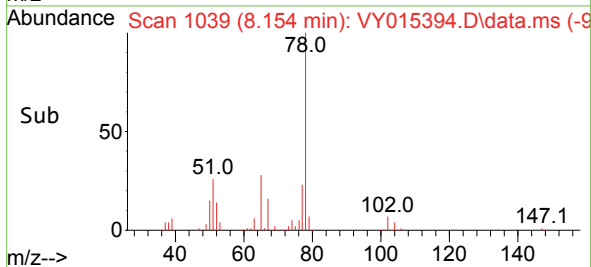
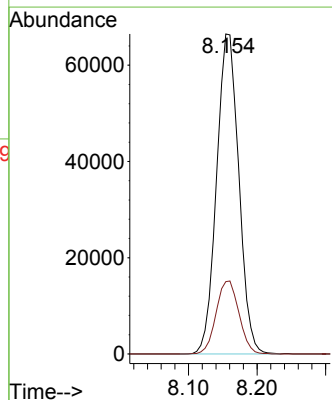
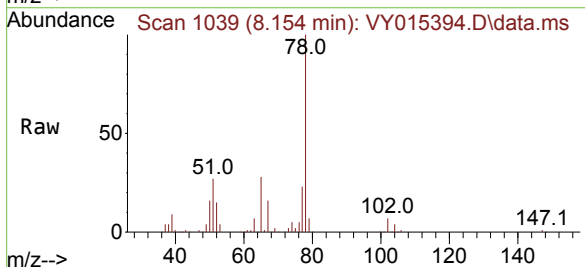
Acq: 31 Aug 2023 11:25

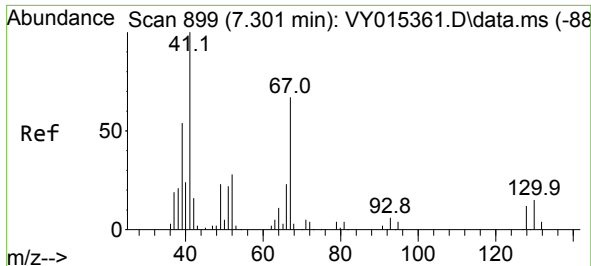
Tgt Ion: 78 Resp: 149602

Ion Ratio Lower Upper

78 100

77 22.6 19.0 28.6

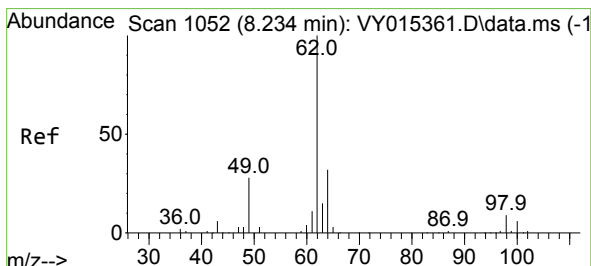
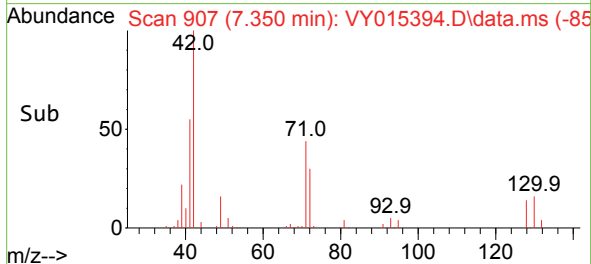
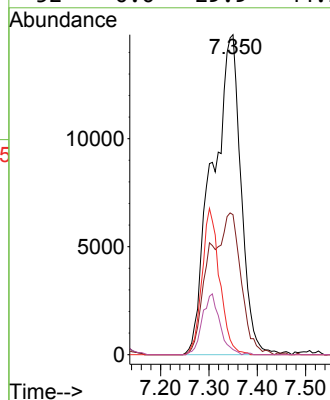
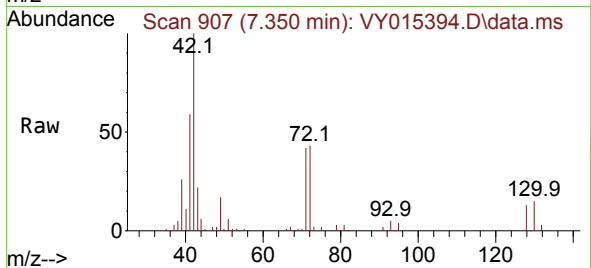




#41
Methacrylonitrile
Concen: 62.612 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.036 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

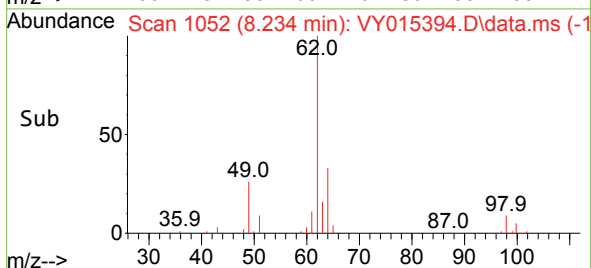
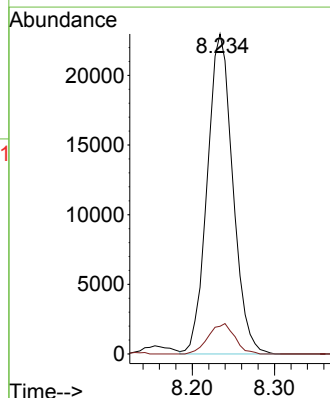
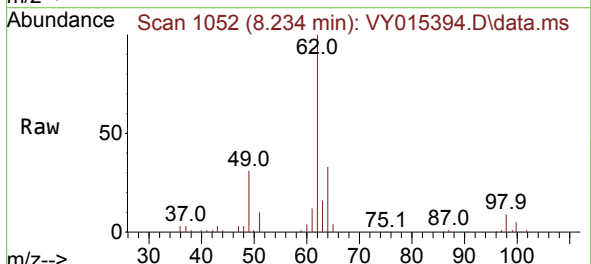
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBSD01

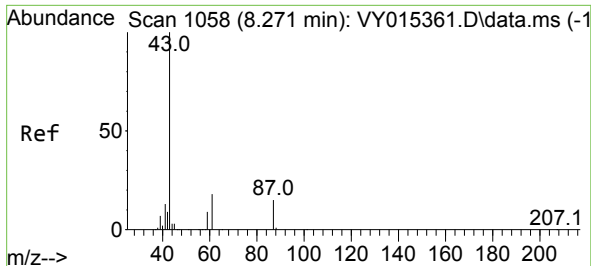
Tgt Ion:	41	Resp:	60974
Ion	Ratio	Lower	Upper
41	100		
39	26.9	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 19.794 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion:	62	Resp:	49585
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	15.8

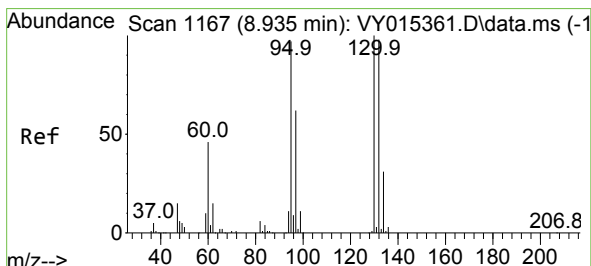
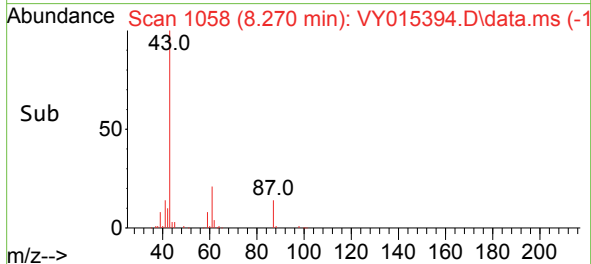
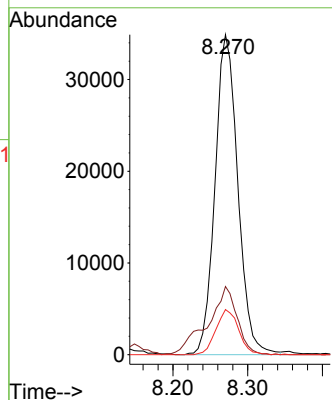
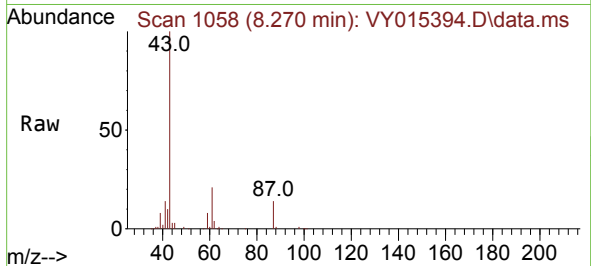




#43
Isopropyl Acetate
Concen: 20.648 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

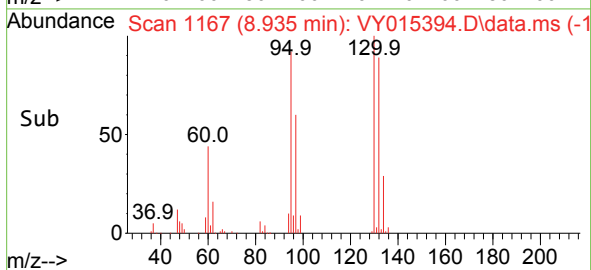
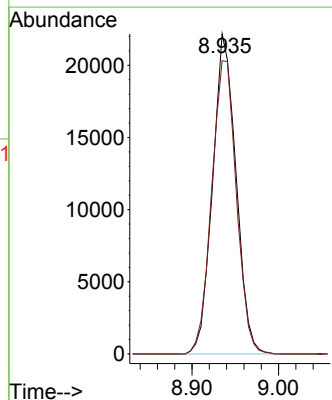
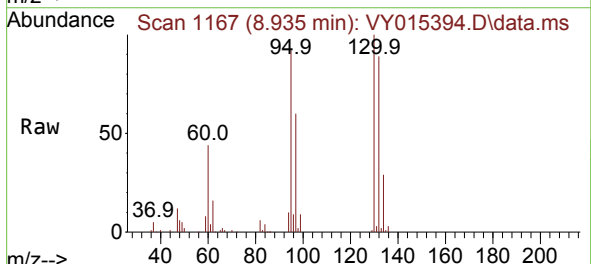
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBSD01

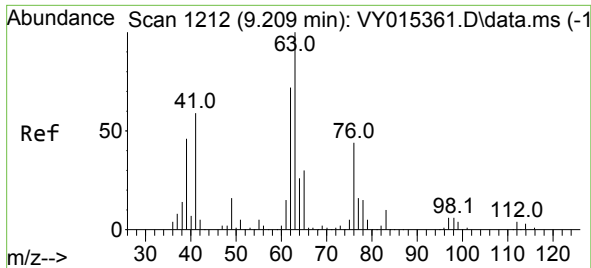
Tgt Ion: 43	Resp: 74147
Ion Ratio	Lower Upper
43 100	
61 27.6	21.1 31.7
87 14.0	9.8 14.8



#44
Trichloroethene
Concen: 19.562 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion:130	Resp:	41579	
Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	196.0

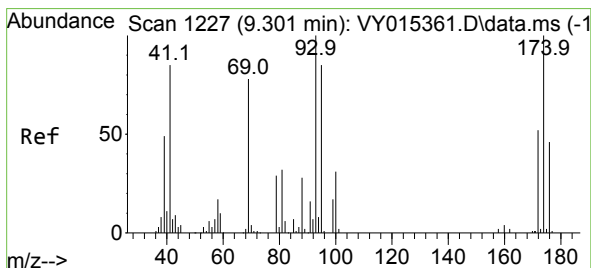
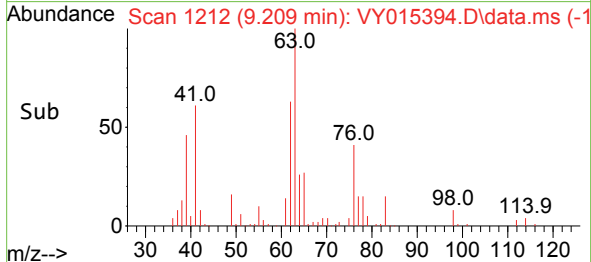
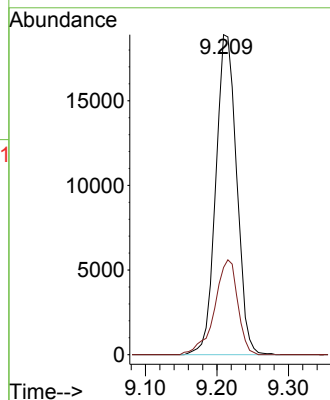
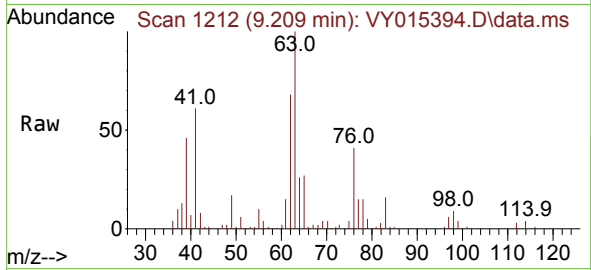




#45
1,2-Dichloropropane
Concen: 20.228 ug/l
RT: 9.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

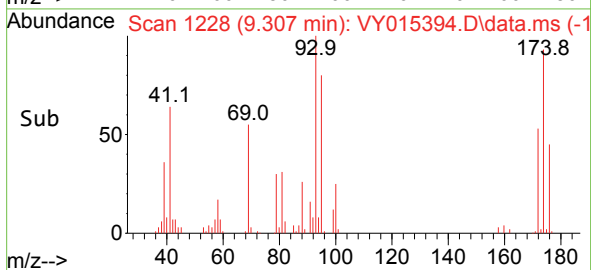
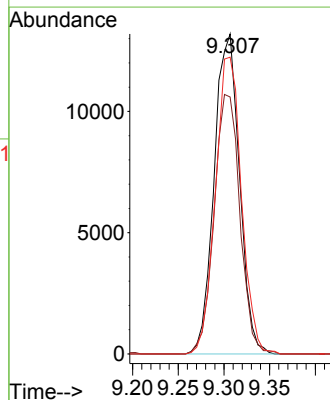
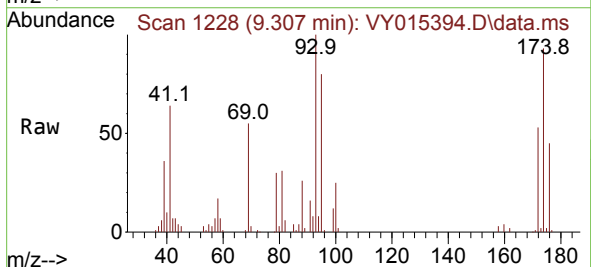
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBS01

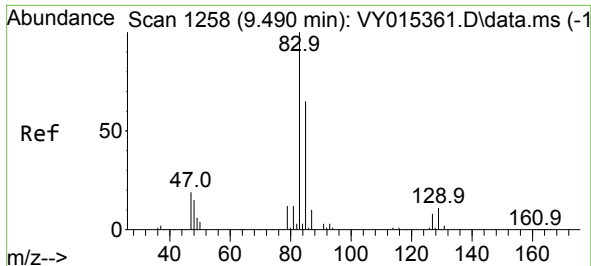
Tgt Ion: 63 Resp: 38307
Ion Ratio Lower Upper
63 100
65 27.3 23.8 35.6



#46
Dibromomethane
Concen: 20.175 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion: 93 Resp: 25379
Ion Ratio Lower Upper
93 100
95 82.6 66.6 100.0
174 95.6 84.8 127.2





#47

Bromodichloromethane

Concen: 20.470 ug/l

RT: 9.496 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0831SBSD01

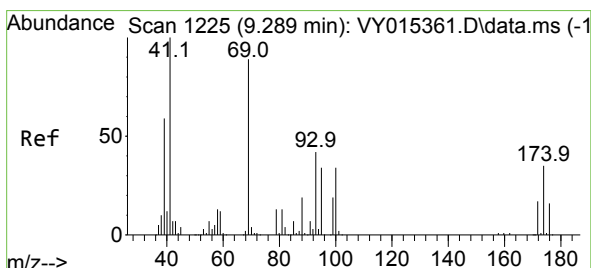
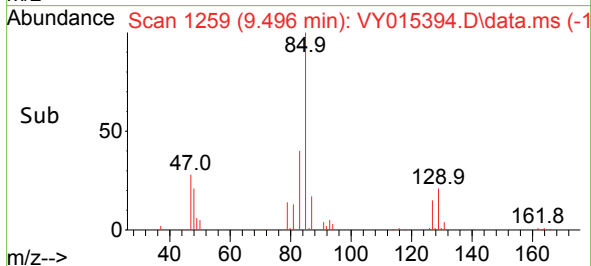
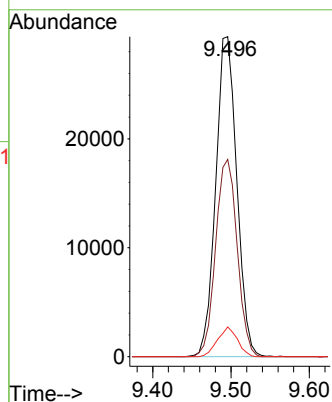
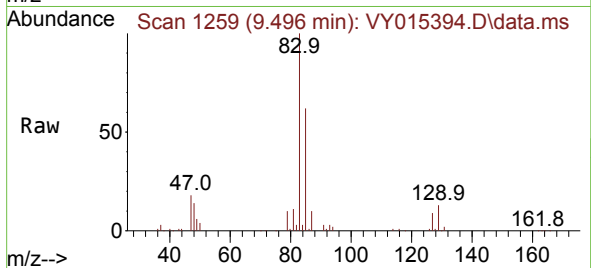
Tgt Ion: 83 Resp: 55068

Ion Ratio Lower Upper

83 100

85 61.7 50.1 75.1

127 9.3 7.1 10.7



#48

Methyl methacrylate

Concen: 20.095 ug/l

RT: 9.288 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

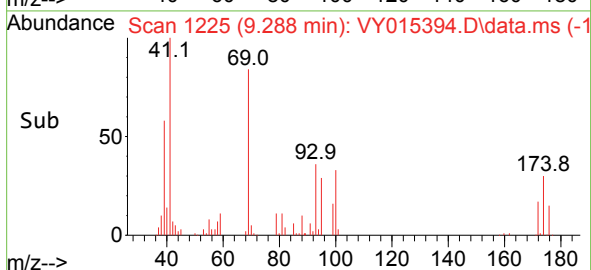
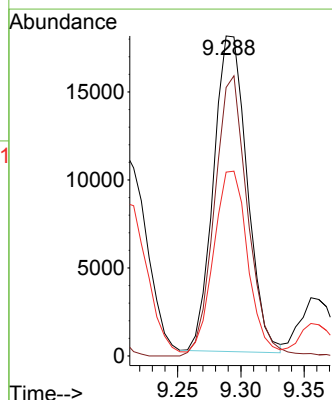
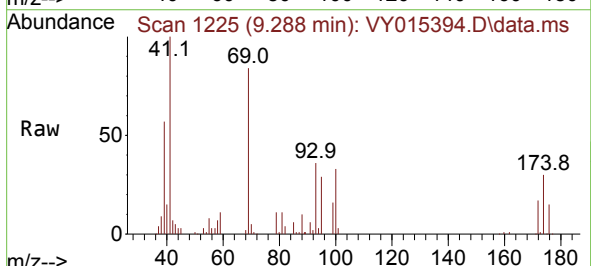
Tgt Ion: 41 Resp: 33109

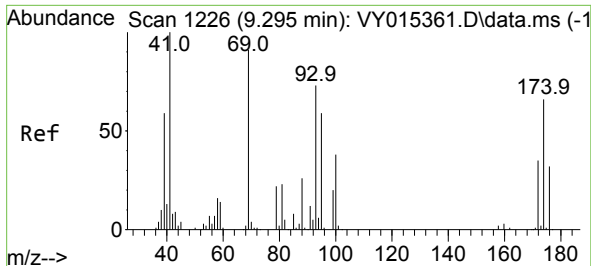
Ion Ratio Lower Upper

41 100

69 87.5 64.5 96.7

39 60.0 50.8 76.2





#49

1,4-Dioxane

Concen: 395.914 ug/l

RT: 9.307 min Scan# 1226

Delta R.T. 0.018 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0831SBS01

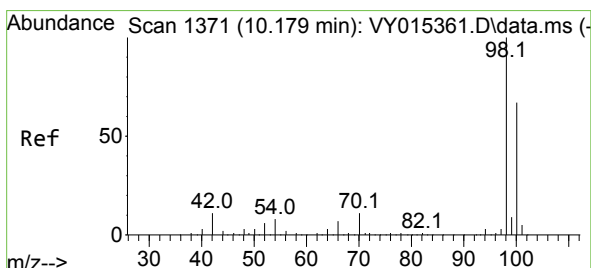
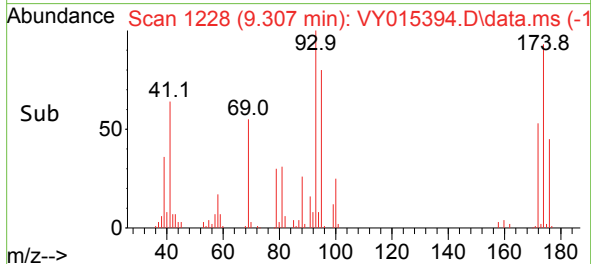
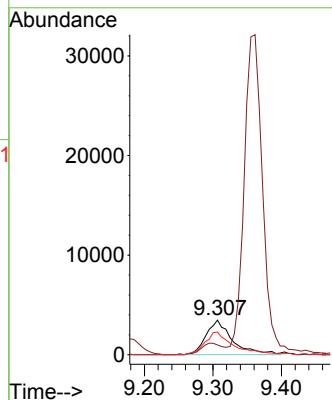
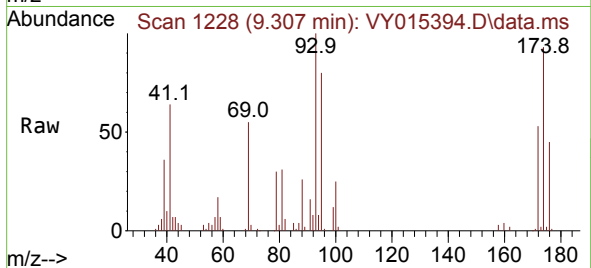
Tgt Ion: 88 Resp: 9251

Ion Ratio Lower Upper

88 100

43 27.7 0.0 0.0#

58 70.2 30.9 46.3#



#50

Toluene-d8

Concen: 44.436 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015394.D

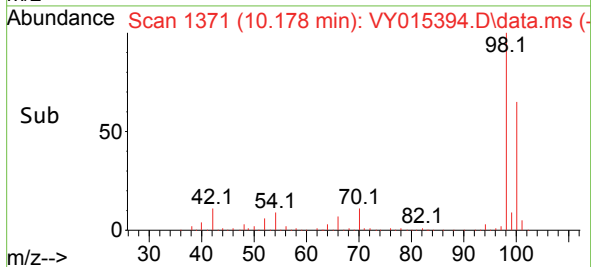
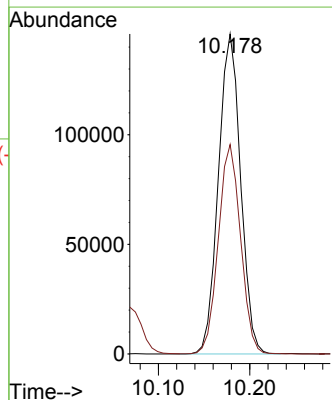
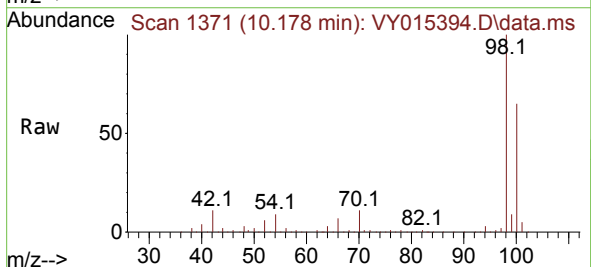
Acq: 31 Aug 2023 11:25

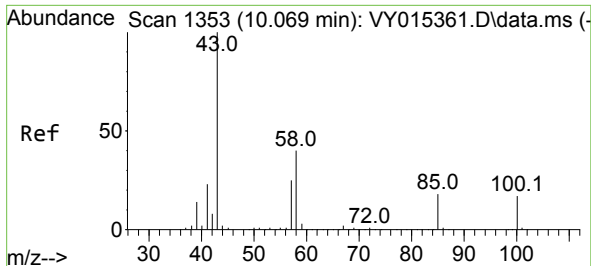
Tgt Ion: 98 Resp: 246767

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1

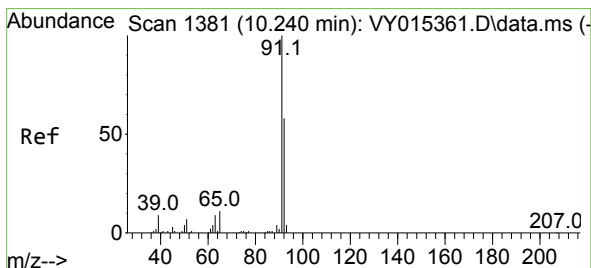
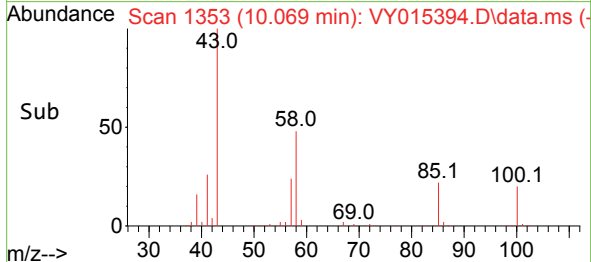
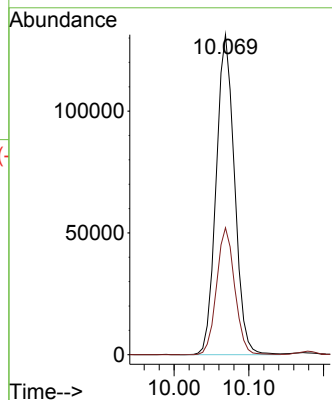
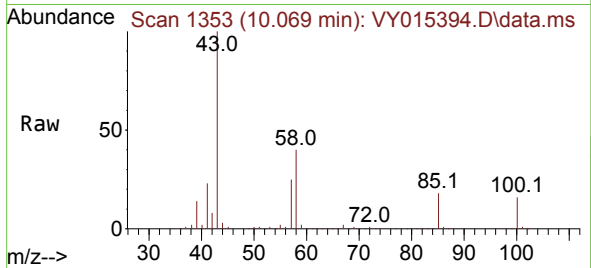




#51
4-Methyl-2-Pentanone
Concen: 107.440 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

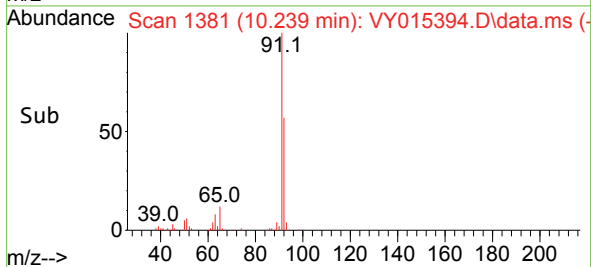
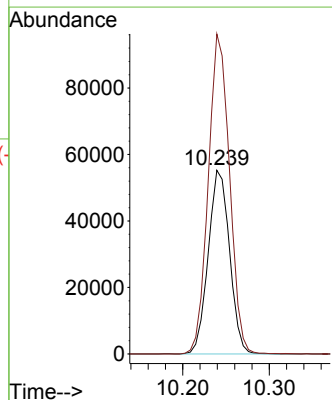
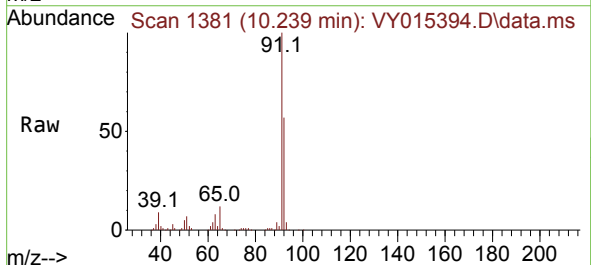
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBS01

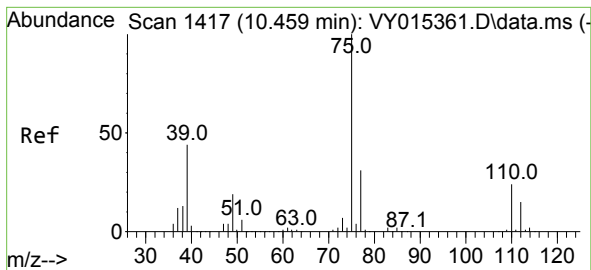
Tgt Ion: 43 Resp: 224248
Ion Ratio Lower Upper
43 100
58 39.2 29.0 43.6



#52
Toluene
Concen: 19.637 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion: 92 Resp: 94552
Ion Ratio Lower Upper
92 100
91 173.7 143.8 215.6

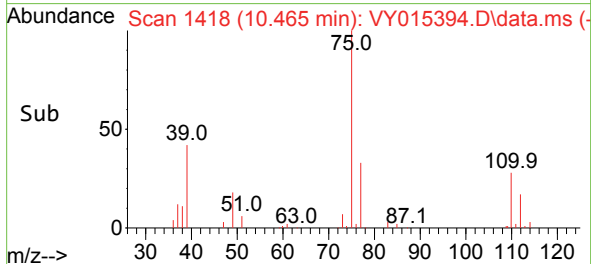
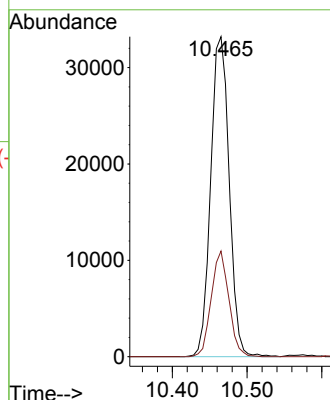
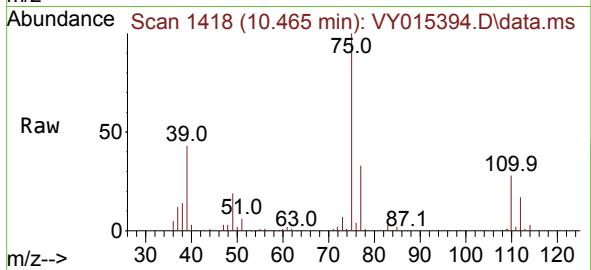




#53
 t-1,3-Dichloropropene
 Concen: 19.973 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015394.D
 Acq: 31 Aug 2023 11:25

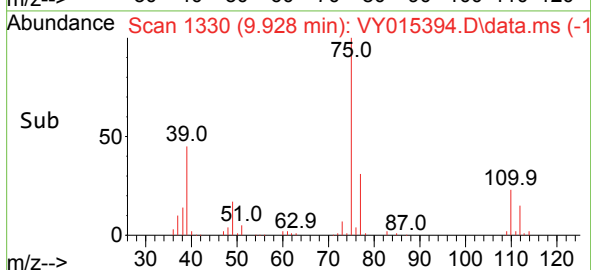
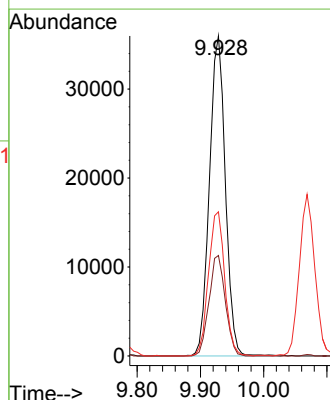
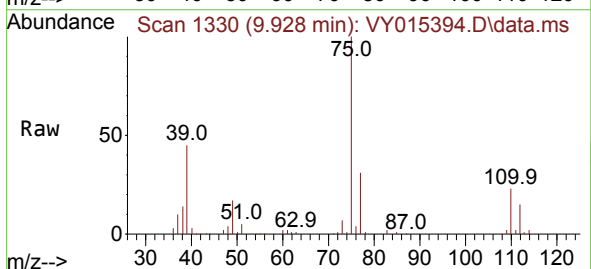
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0831SBSD01

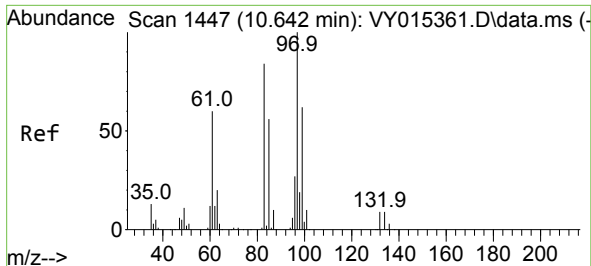
Tgt Ion: 75 Resp: 57103
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.244 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015394.D
 Acq: 31 Aug 2023 11:25

Tgt Ion: 75 Resp: 62960
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.2 36.4
 39 45.1 42.2 63.4

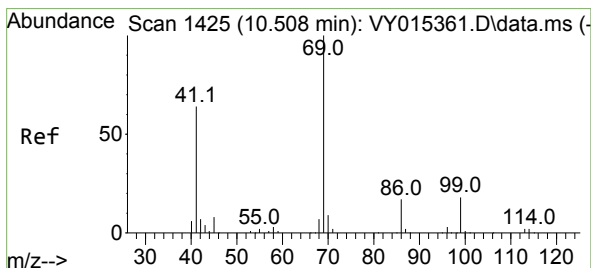
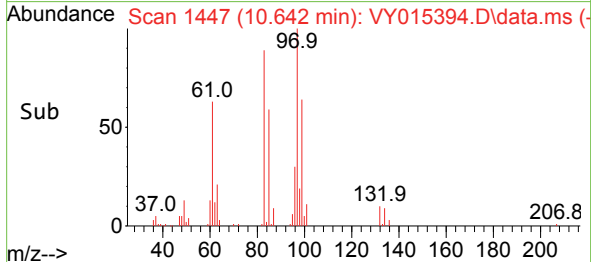
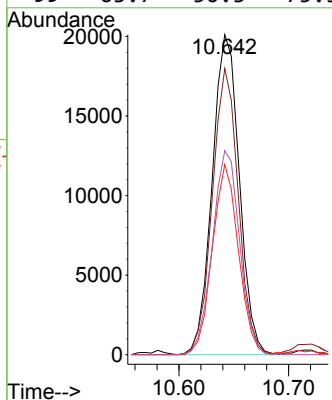
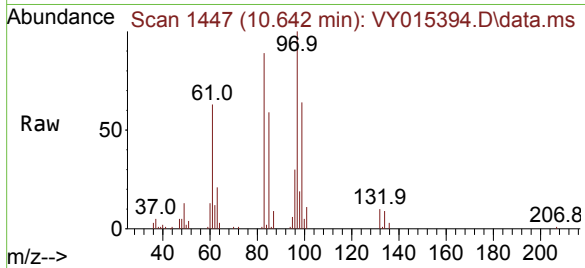




#55
1,1,2-Trichloroethane
Concen: 20.386 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

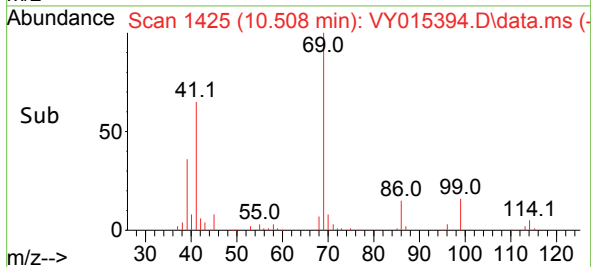
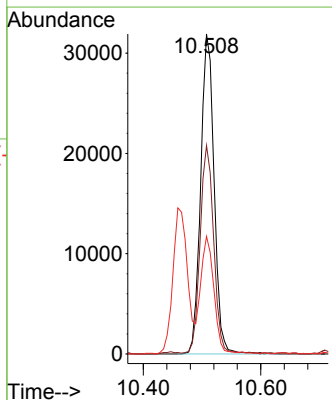
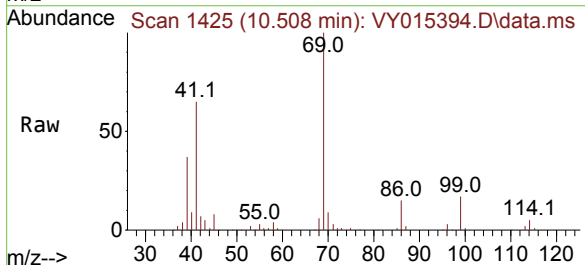
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBS01

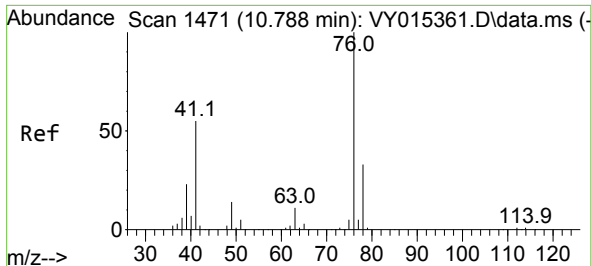
Tgt Ion:	97	Resp:	34554
Ion	Ratio	Lower	Upper
97	100		
83	89.4	72.0	108.0
85	59.4	45.4	68.0
99	63.7	50.3	75.5



#56
Ethyl methacrylate
Concen: 20.233 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion:	69	Resp:	50821
Ion	Ratio	Lower	Upper
69	100		
41	66.2	57.6	86.4
39	36.0	34.1	51.1

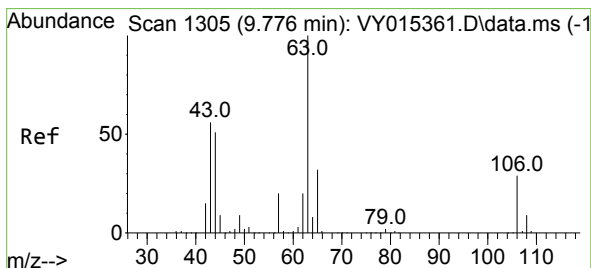
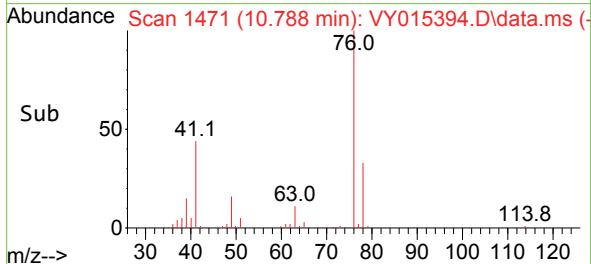
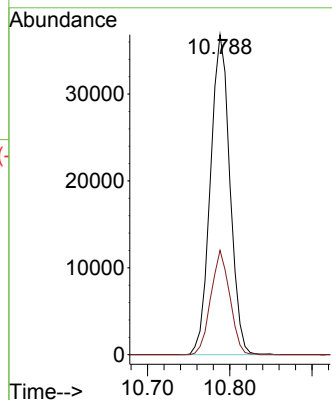
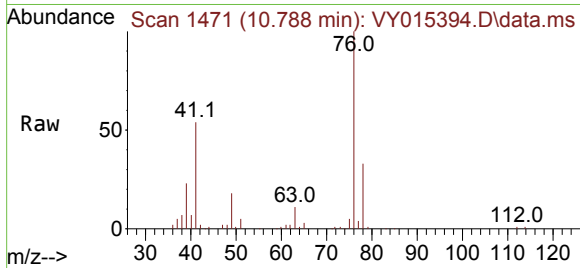




#57
1,3-Dichloropropane
Concen: 20.814 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

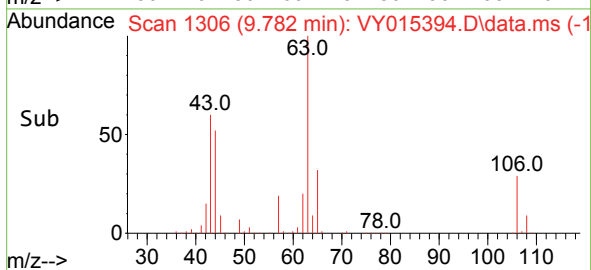
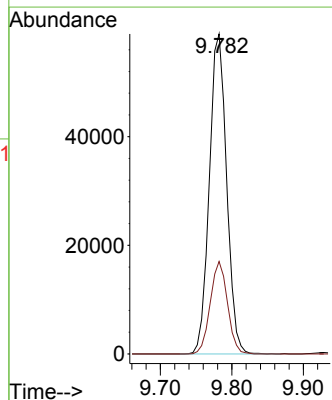
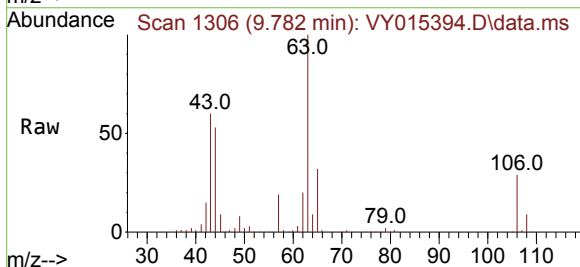
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBS01

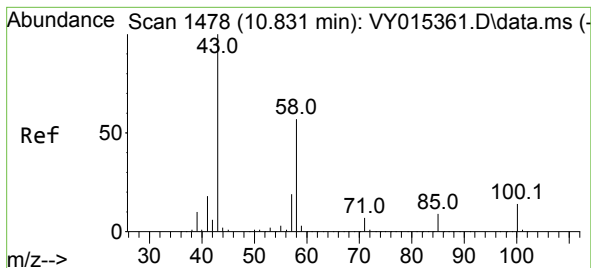
Tgt Ion: 76 Resp: 60730
Ion Ratio Lower Upper
76 100
78 31.7 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 110.172 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion: 63 Resp: 98775
Ion Ratio Lower Upper
63 100
106 28.7 21.2 31.8

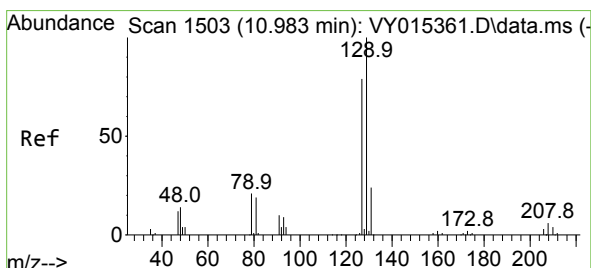
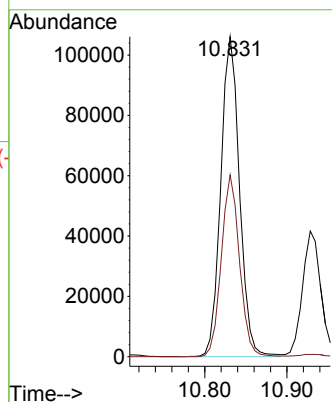
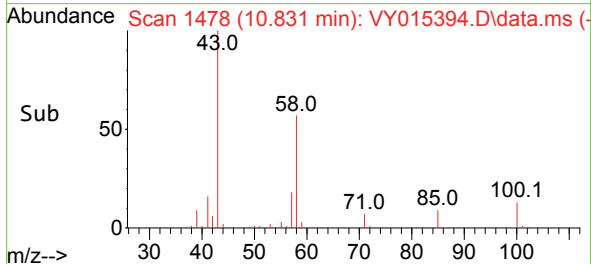
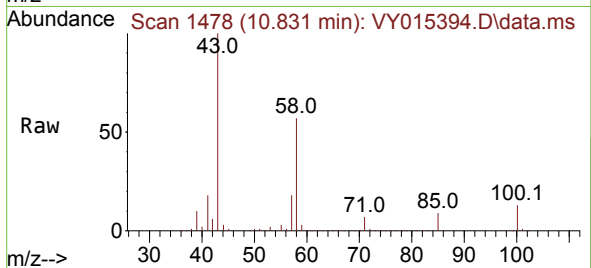




#59
2-Hexanone
Concen: 107.191 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

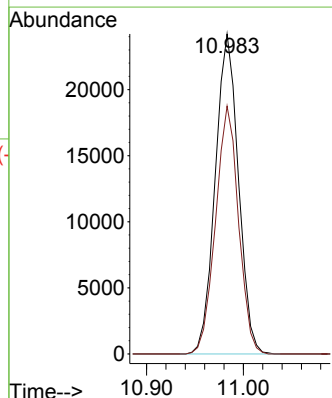
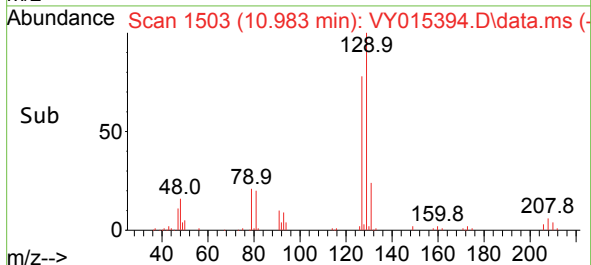
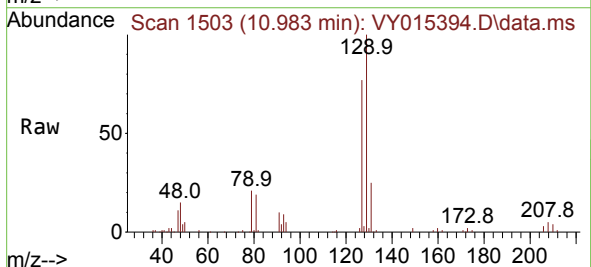
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBS01

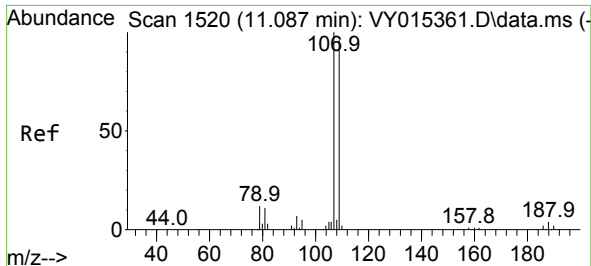
Tgt Ion: 43 Resp: 167875
Ion Ratio Lower Upper
43 100
58 55.0 25.1 75.3



#60
Dibromochloromethane
Concen: 20.286 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion: 129 Resp: 40245
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

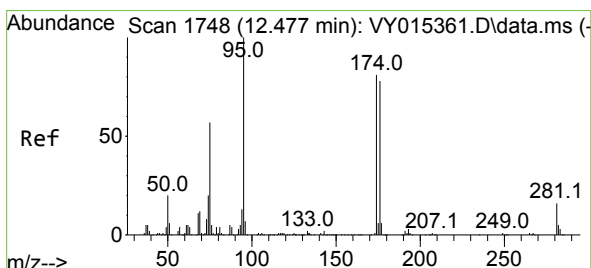
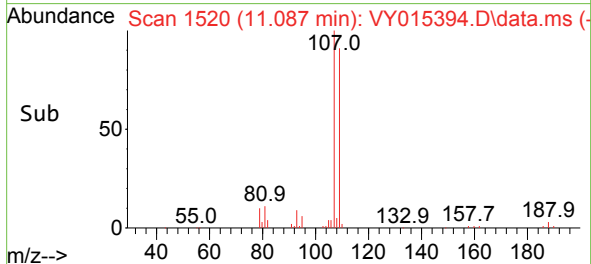
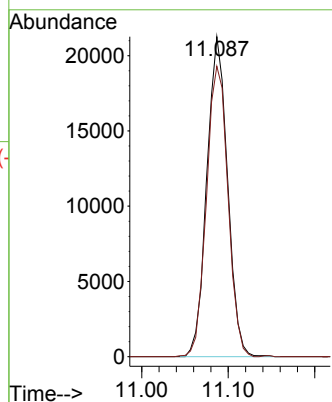
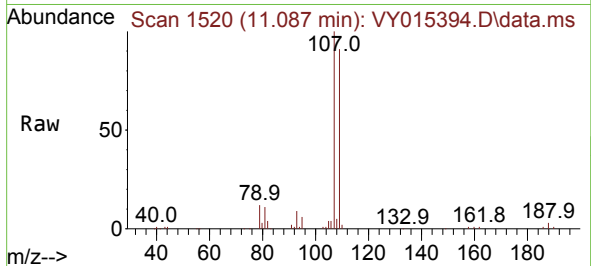




#61
1,2-Dibromoethane
Concen: 20.580 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

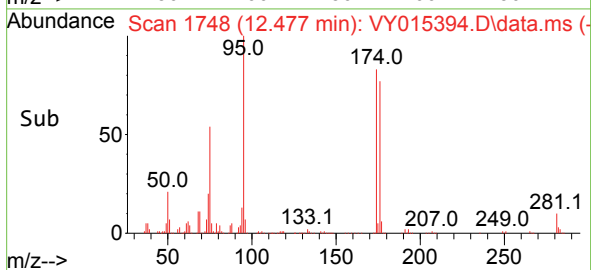
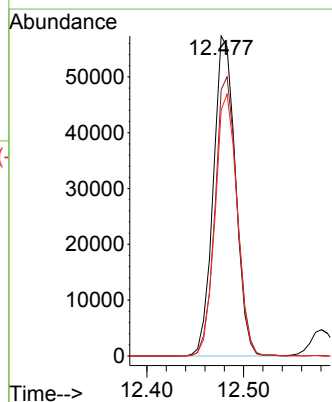
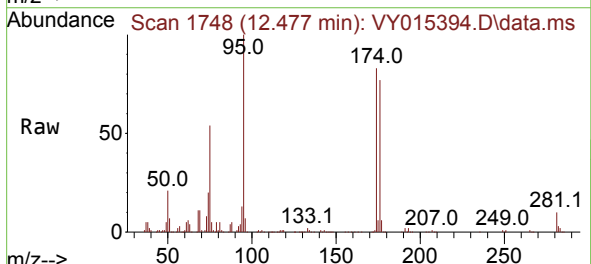
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBSD01

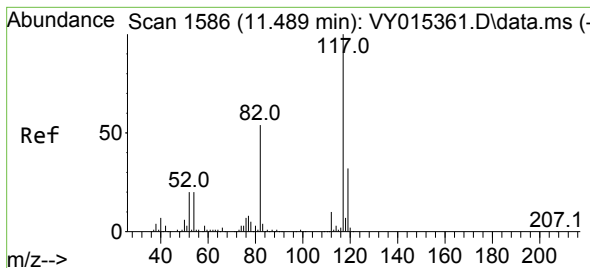
Tgt Ion:107 Resp: 35347
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 44.038 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion: 95 Resp: 90788
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.2
176 81.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0831SBS01

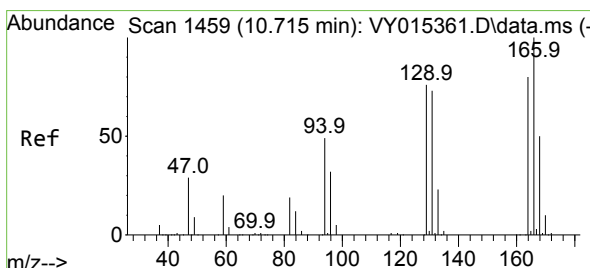
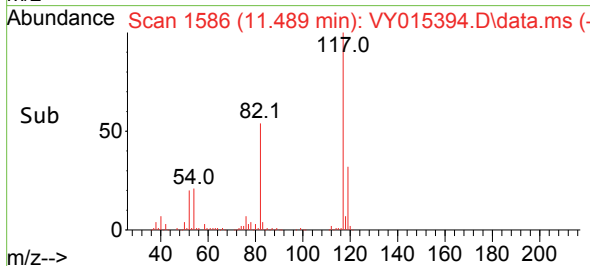
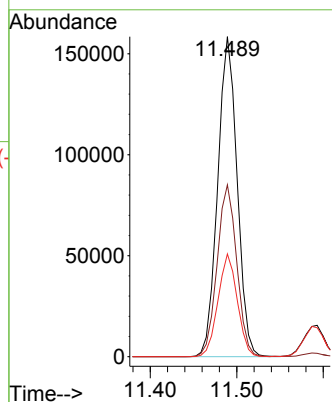
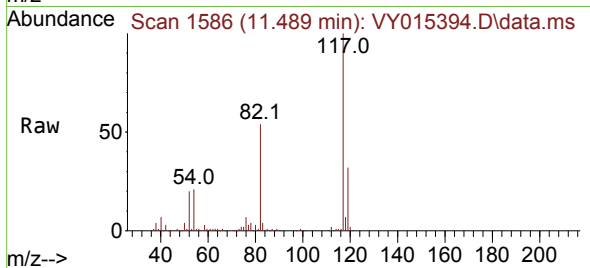
Tgt Ion:117 Resp: 246863

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 32.1 26.3 39.5



#64

Tetrachloroethene

Concen: 19.386 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Tgt Ion:164 Resp: 43439

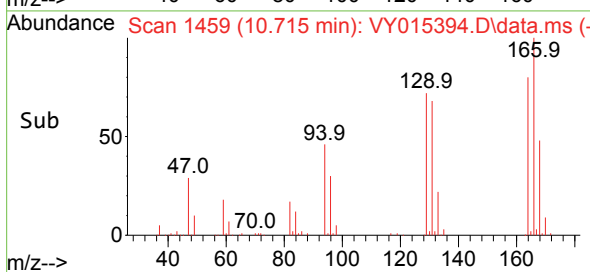
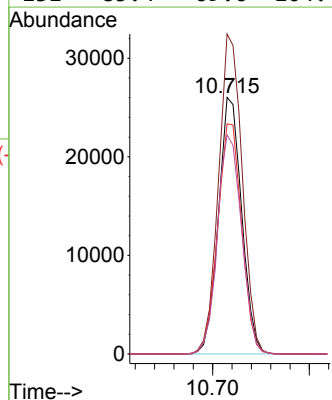
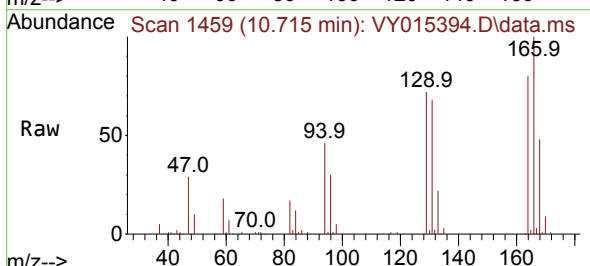
Ion Ratio Lower Upper

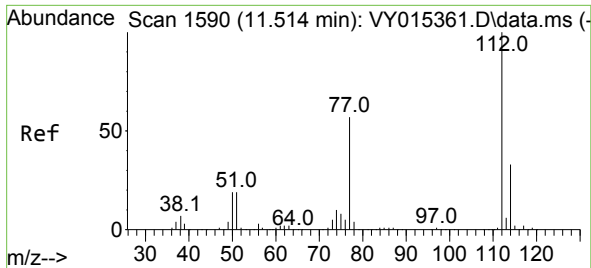
164 100

166 124.7 103.0 154.6

129 89.7 77.2 115.8

131 85.4 69.6 104.4

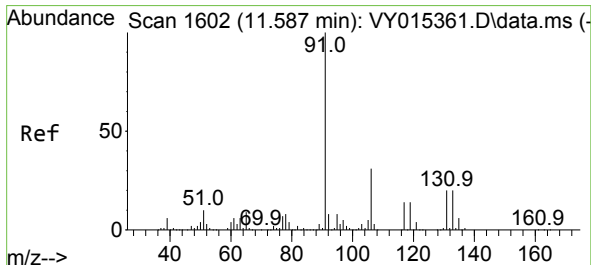
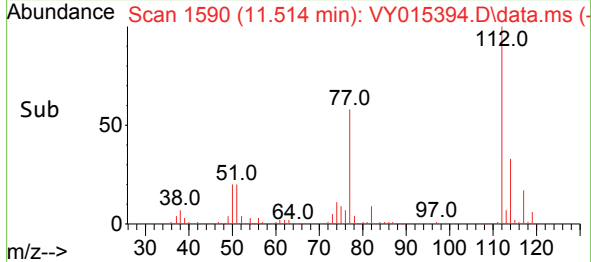
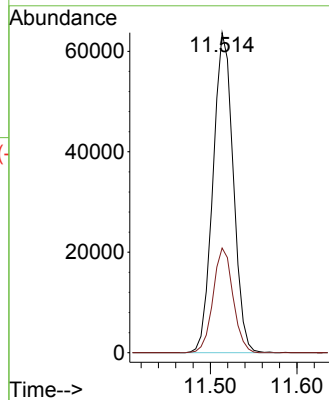
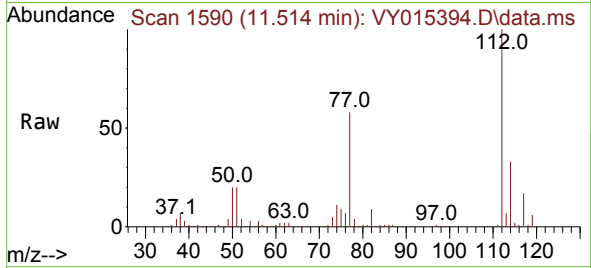




#65
Chlorobenzene
Concen: 19.427 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

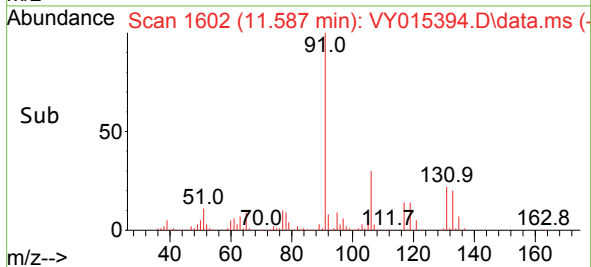
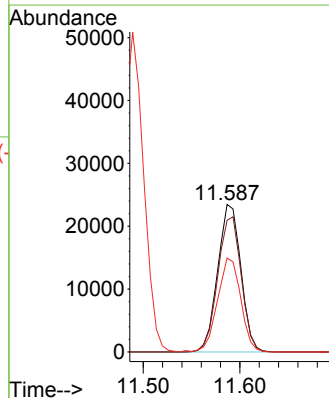
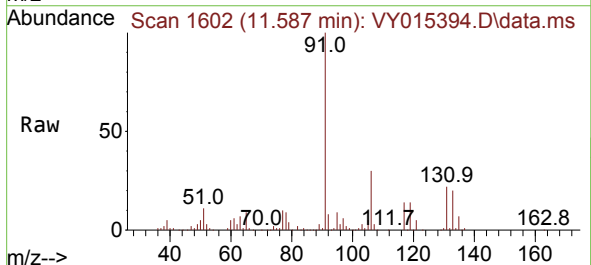
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBSD01

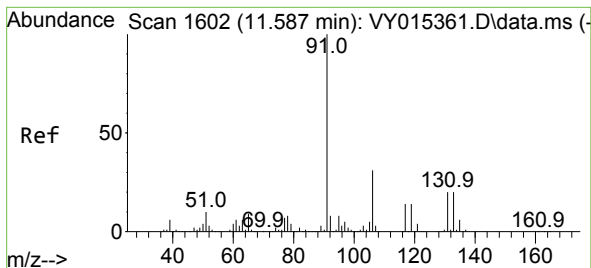
Tgt Ion:112 Resp: 103345
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.007 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion:131 Resp: 38954
Ion Ratio Lower Upper
131 100
133 93.0 47.5 142.6
119 63.8 31.6 94.7





#67

Ethyl Benzene

Concen: 18.977 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Instrument :

MSVOA_Y

ClientSampleId :

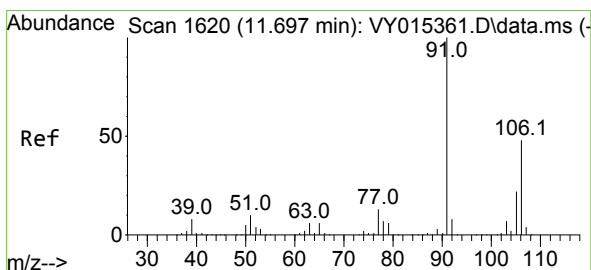
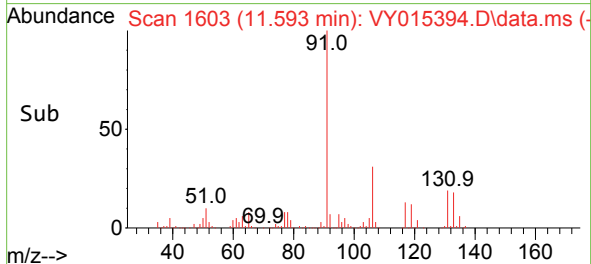
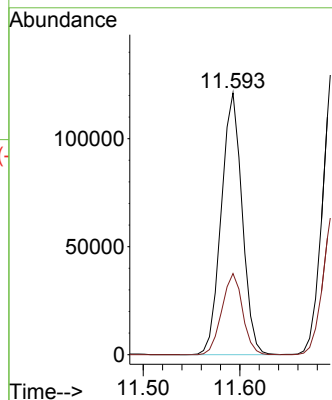
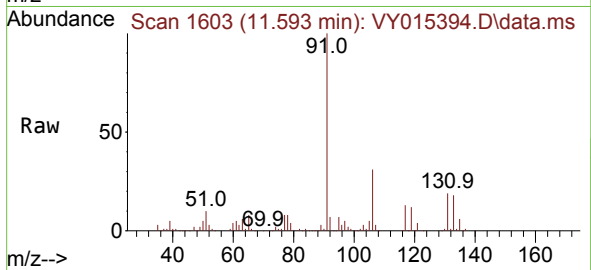
VY0831SBSD01

Tgt Ion: 91 Resp: 181273

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 37.801 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015394.D

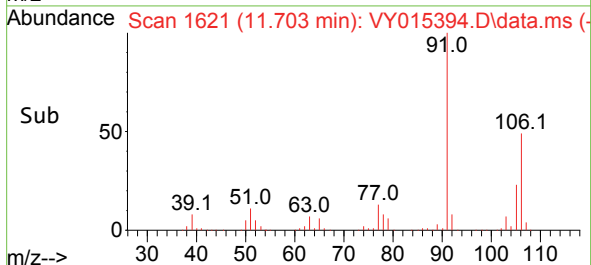
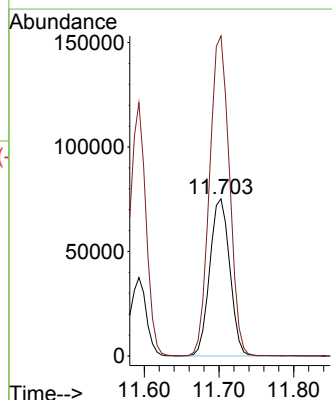
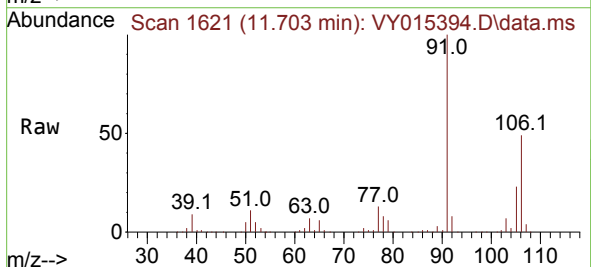
Acq: 31 Aug 2023 11:25

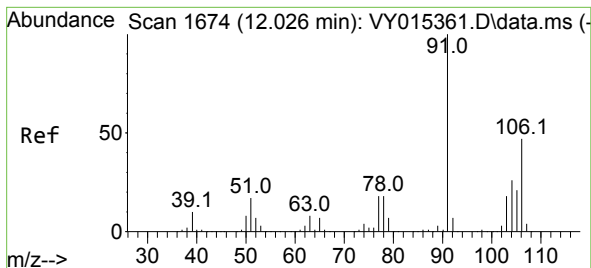
Tgt Ion:106 Resp: 139959

Ion Ratio Lower Upper

106 100

91 202.5 166.1 249.1





#69

o-Xylene

Concen: 19.082 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Instrument :

MSVOA_Y

ClientSampleId :

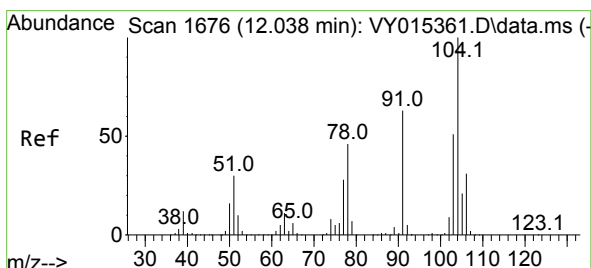
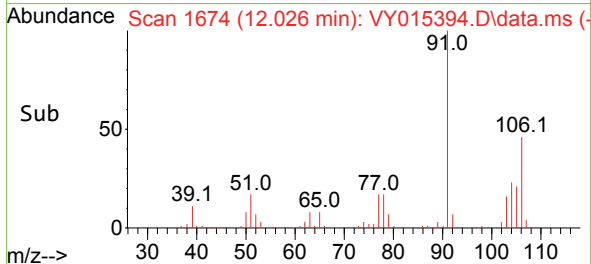
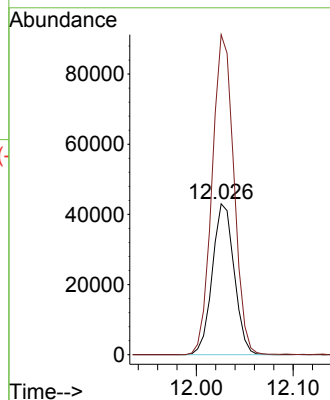
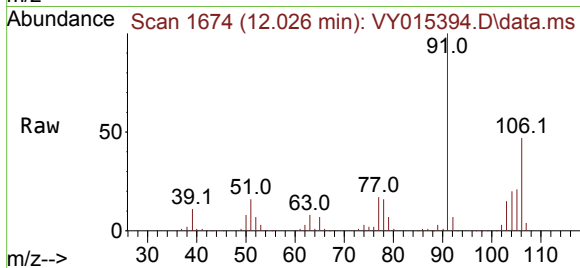
VY0831SBSD01

Tgt Ion:106 Resp: 67522

Ion Ratio Lower Upper

106 100

91 211.4 108.1 324.3



#70

Styrene

Concen: 19.419 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

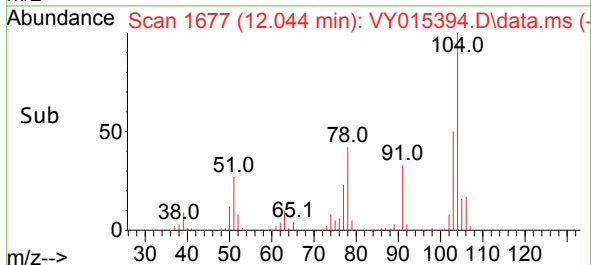
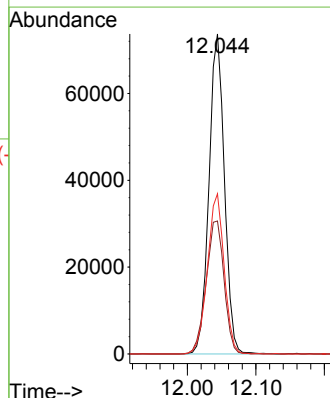
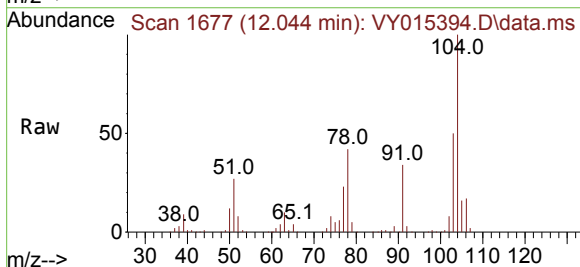
Tgt Ion:104 Resp: 115538

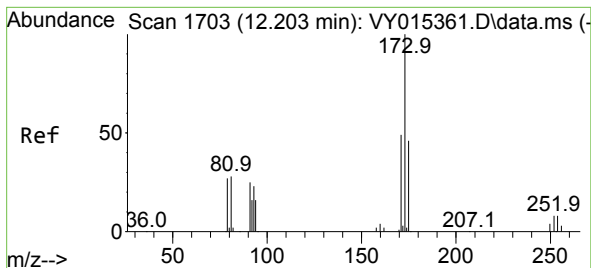
Ion Ratio Lower Upper

104 100

78 48.4 41.5 62.3

103 54.2 44.6 67.0





#71

Bromoform

Concen: 19.850 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0831SBS01

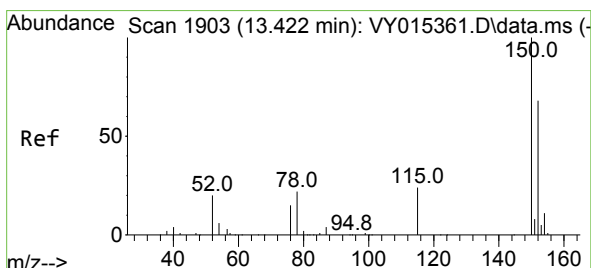
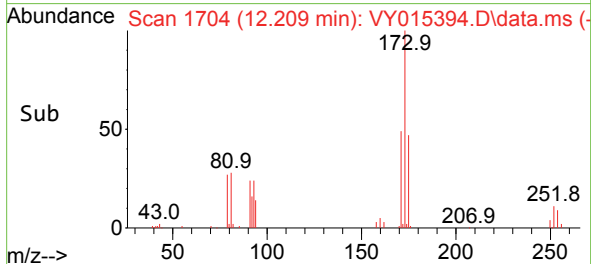
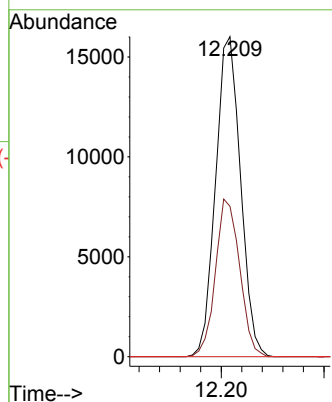
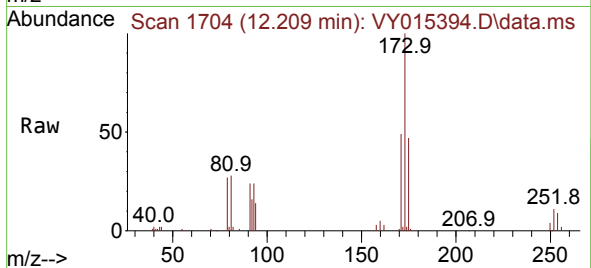
Tgt Ion:173 Resp: 26960

Ion Ratio Lower Upper

173 100

175 47.9 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

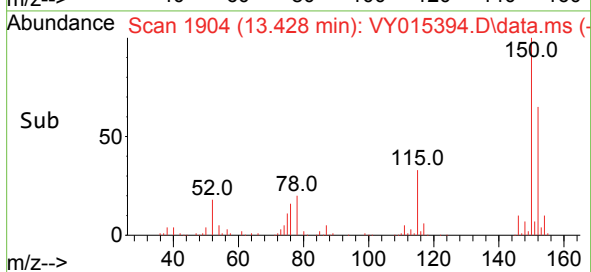
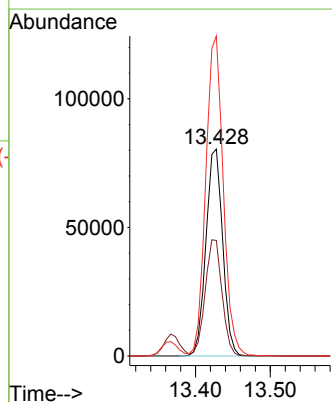
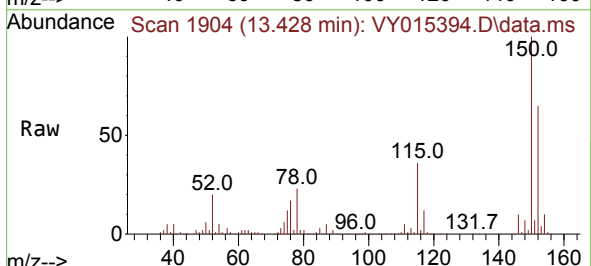
Tgt Ion:152 Resp: 125169

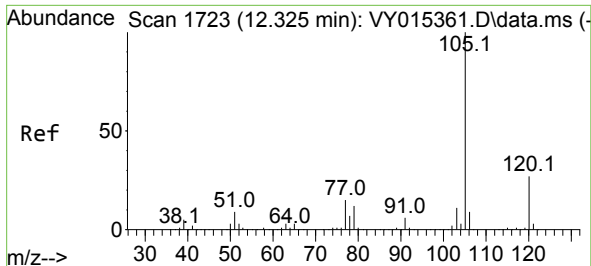
Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 161.4 0.0 348.8

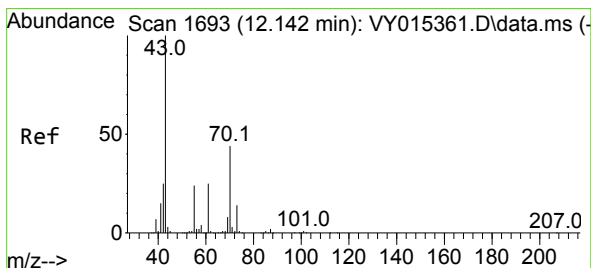
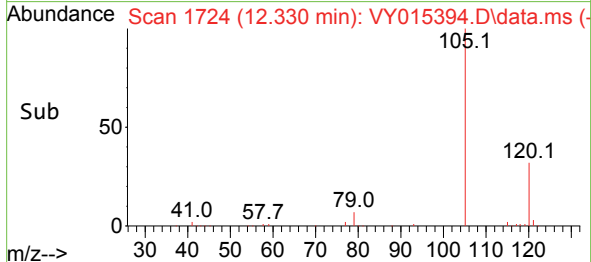
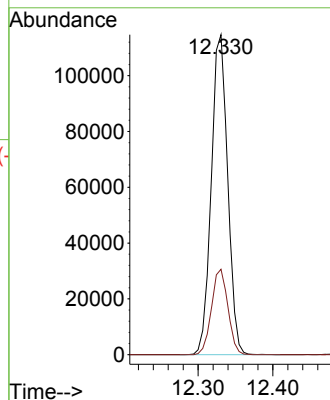
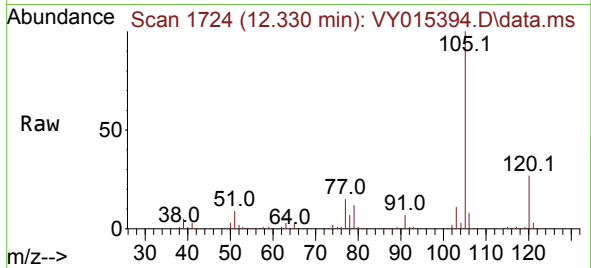




#73
Isopropylbenzene
Concen: 18.579 ug/l
RT: 12.330 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

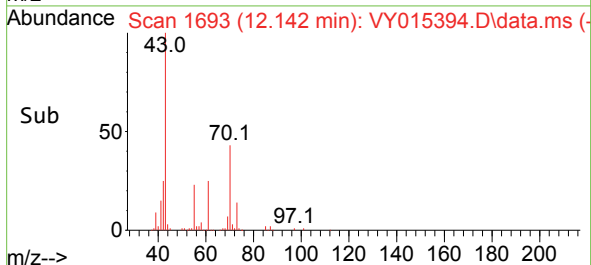
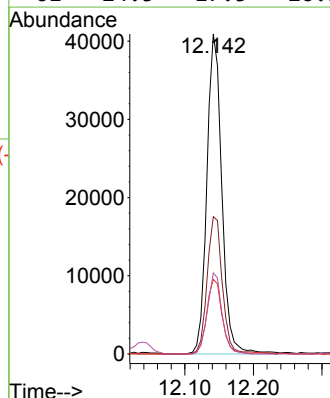
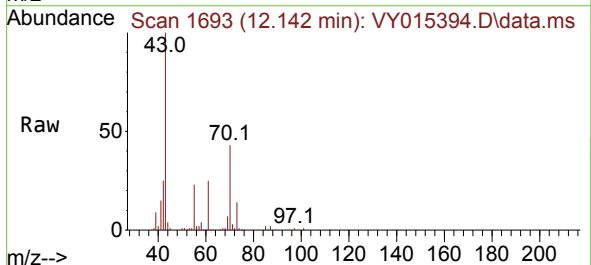
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBS01

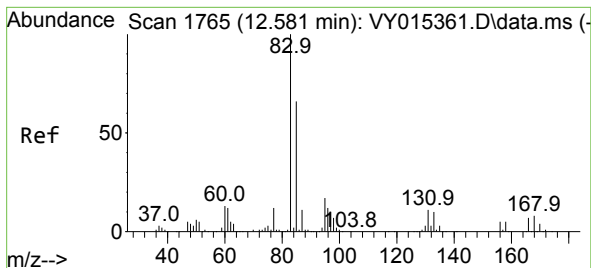
Tgt Ion:105 Resp: 174676
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-amy1 acetate
Concen: 19.723 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion: 43 Resp: 62298
Ion Ratio Lower Upper
43 100
70 43.7 29.7 44.5
55 24.0 18.3 27.5
61 24.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.040 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0831SBS01

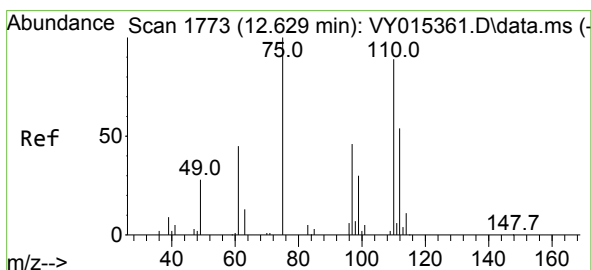
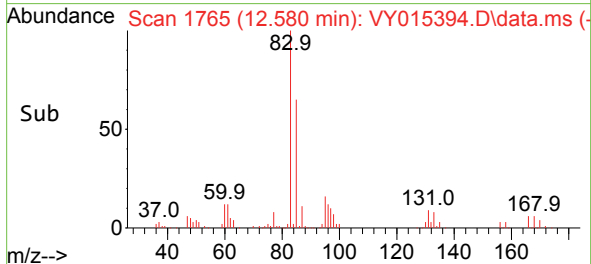
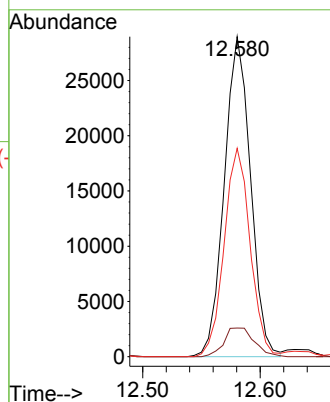
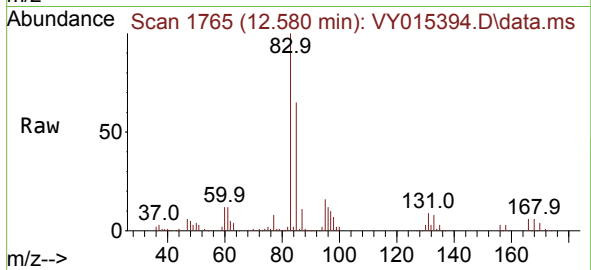
Tgt Ion: 83 Resp: 44977

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 64.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 36.318 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY015394.D

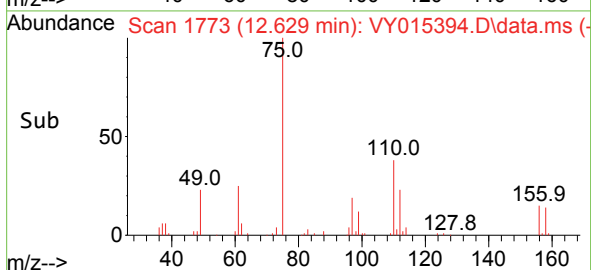
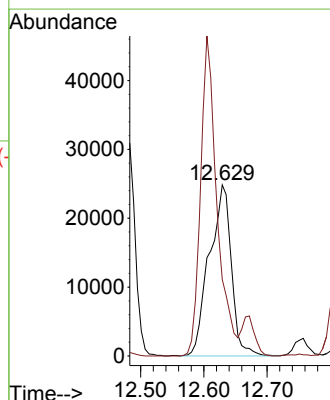
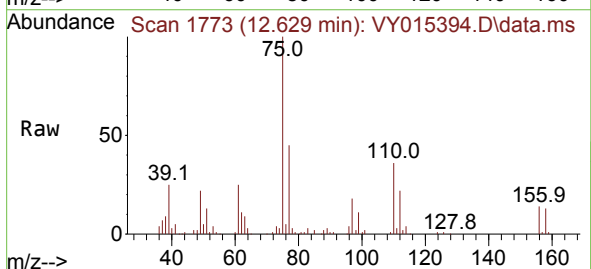
Acq: 31 Aug 2023 11:25

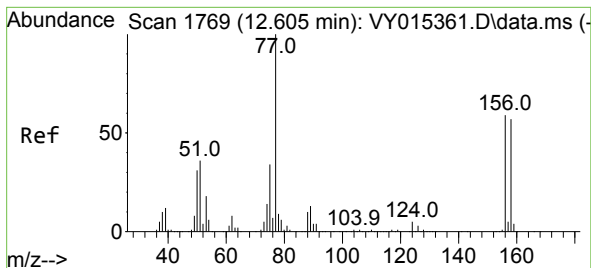
Tgt Ion: 75 Resp: 60283

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.740 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0831SBSD01

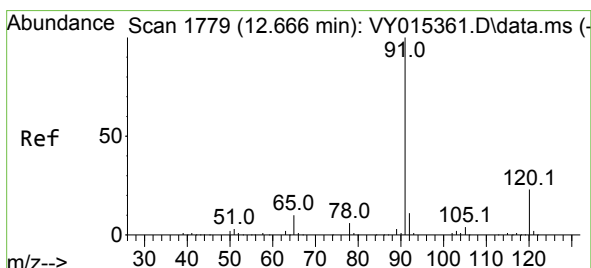
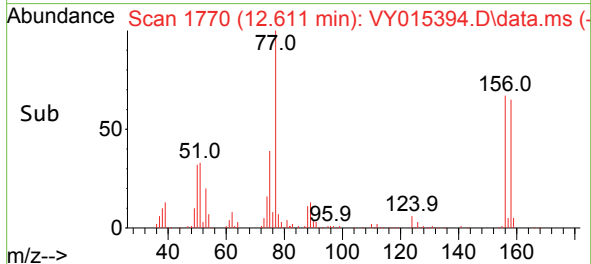
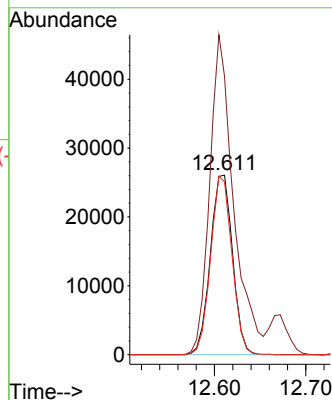
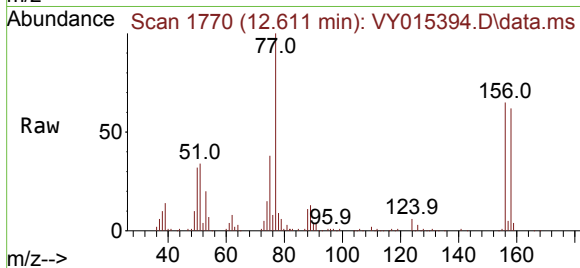
Tgt Ion:156 Resp: 43956

Ion Ratio Lower Upper

156 100

77 191.4 92.8 278.6

158 95.5 48.4 145.3



#78

n-propylbenzene

Concen: 18.873 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015394.D

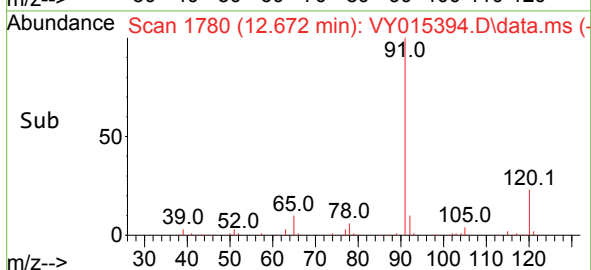
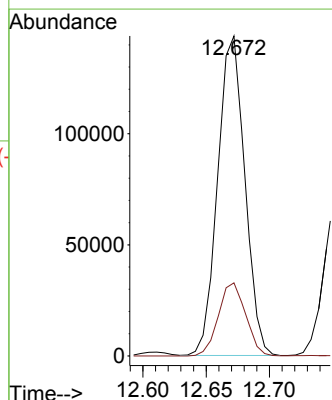
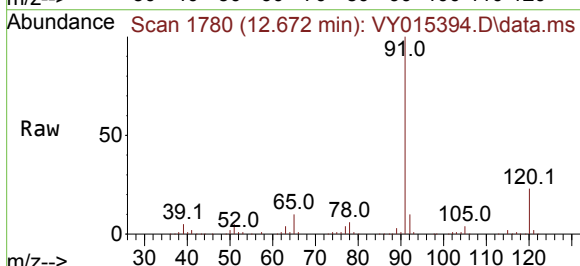
Acq: 31 Aug 2023 11:25

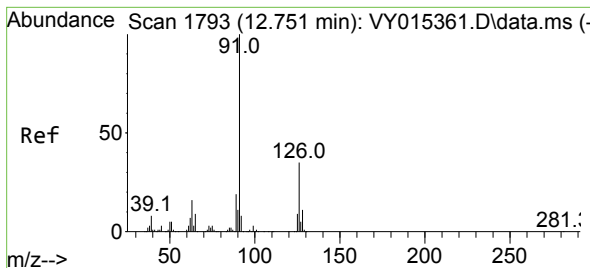
Tgt Ion: 91 Resp: 214704

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

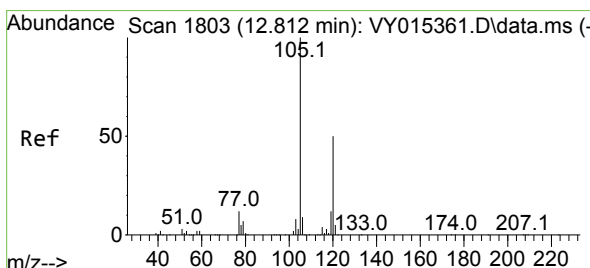
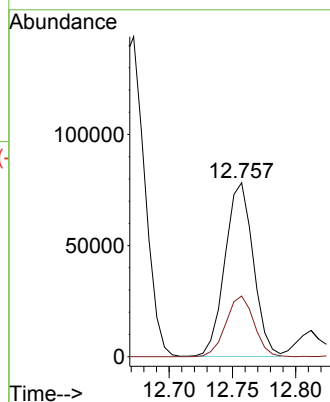
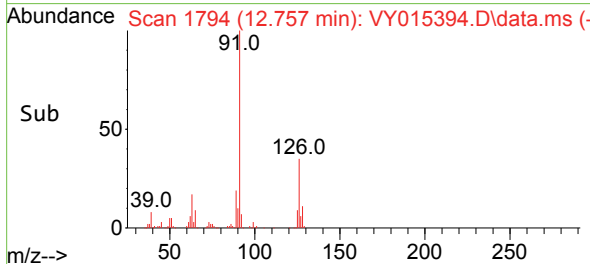
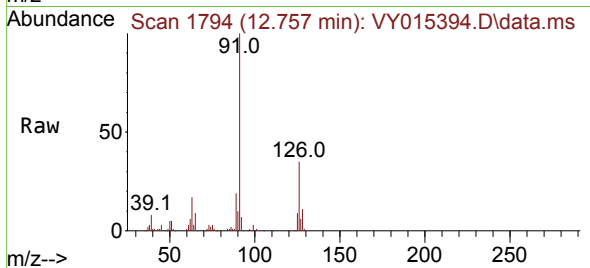




#79
2-Chlorotoluene
Concen: 19.092 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

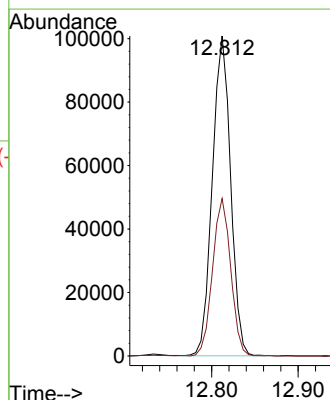
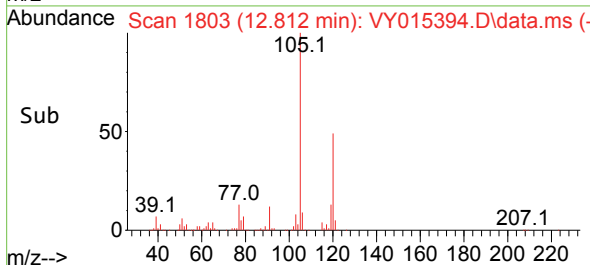
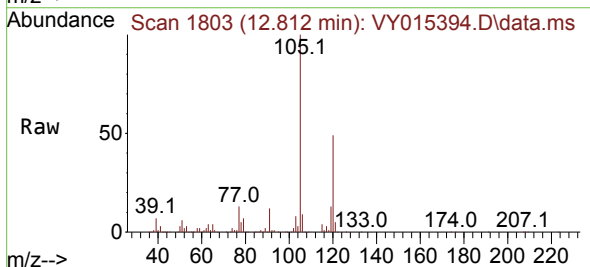
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBSD01

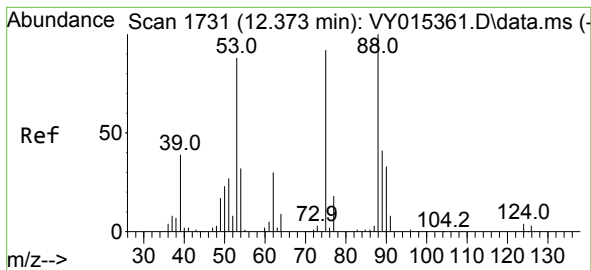
Tgt Ion: 91 Resp: 121828
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 18.761 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015394.D
Acq: 31 Aug 2023 11:25

Tgt Ion: 105 Resp: 147540
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

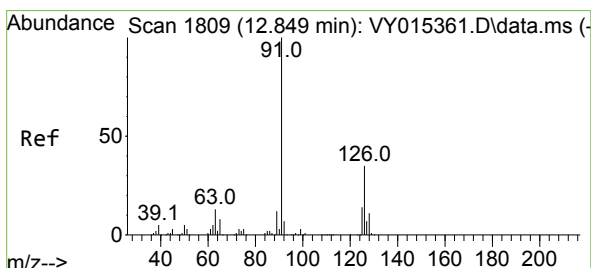
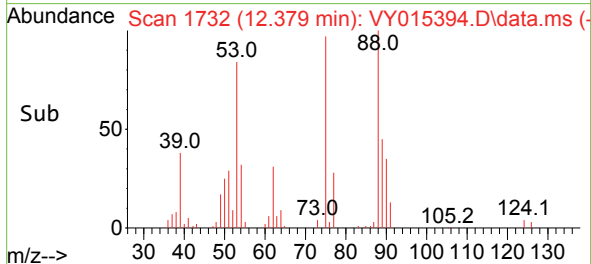
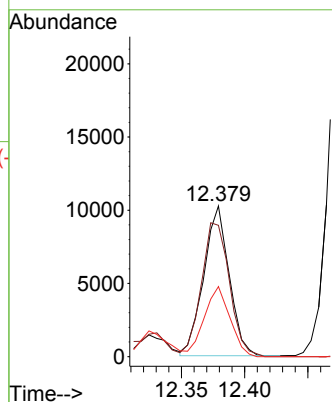
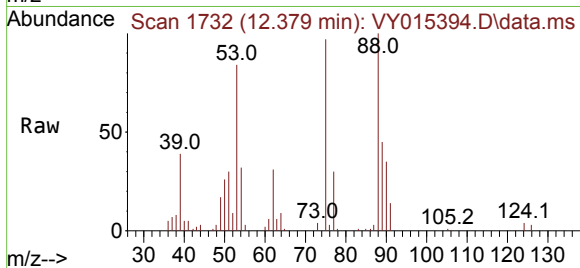




#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.035 ug/l
 RT: 12.379 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VY015394.D
 Acq: 31 Aug 2023 11:25

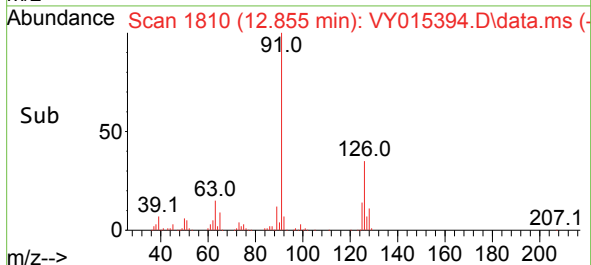
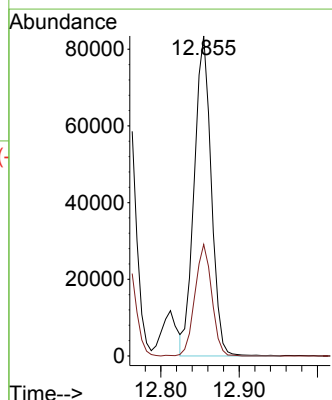
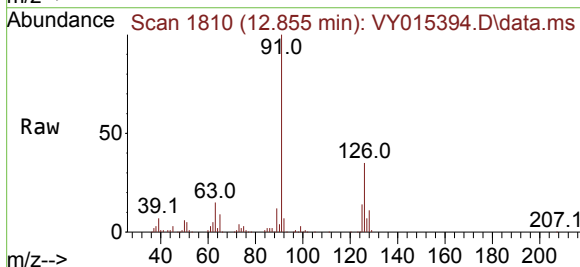
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0831SBSD01

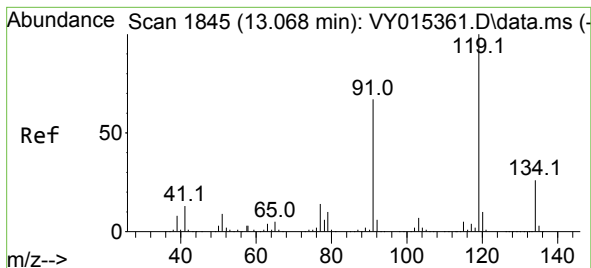
Tgt Ion: 75 Resp: 14323
 Ion Ratio Lower Upper
 75 100
 53 98.7 77.8 116.8
 89 46.9 37.4 56.0



#82
 4-Chlorotoluene
 Concen: 19.036 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.006 min
 Lab File: VY015394.D
 Acq: 31 Aug 2023 11:25

Tgt Ion: 91 Resp: 126243
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 18.333 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0831SBSD01

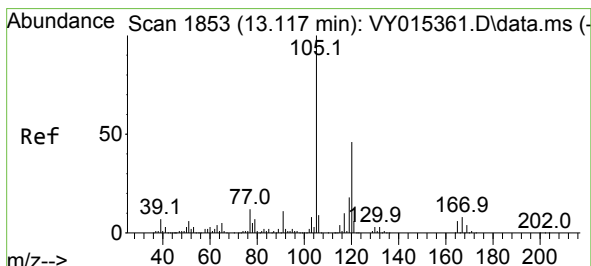
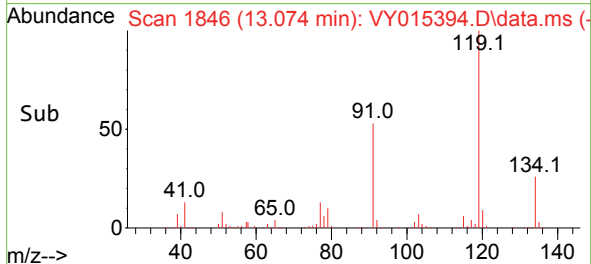
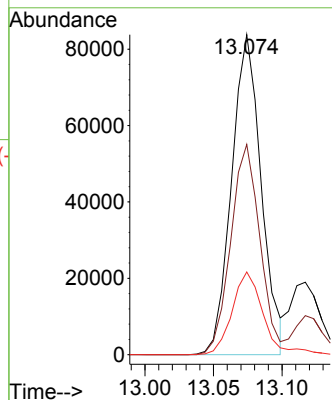
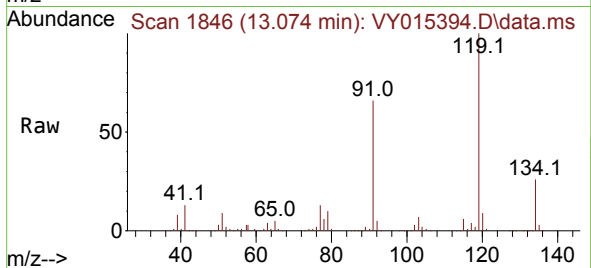
Tgt Ion:119 Resp: 126278

Ion Ratio Lower Upper

119 100

91 64.7 32.9 98.6

134 27.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 18.979 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY015394.D

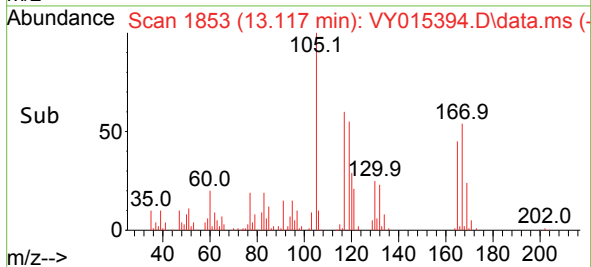
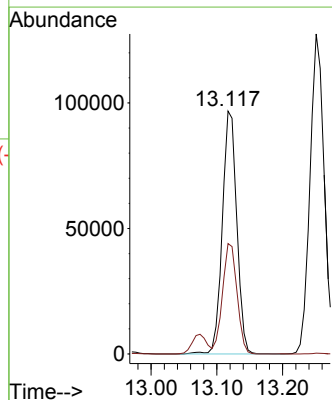
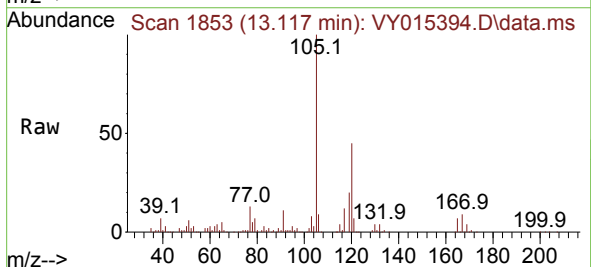
Acq: 31 Aug 2023 11:25

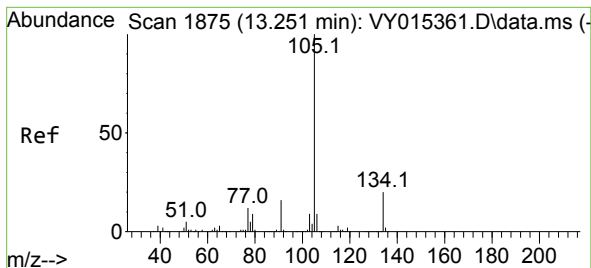
Tgt Ion:105 Resp: 148191

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 18.509 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Instrument :

MSVOA_Y

ClientSampleId :

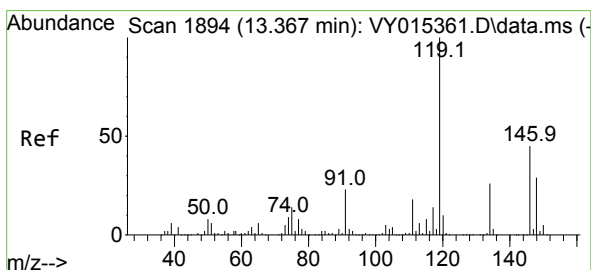
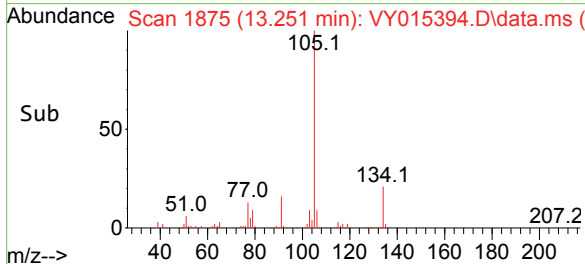
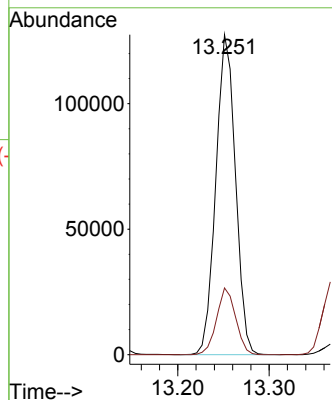
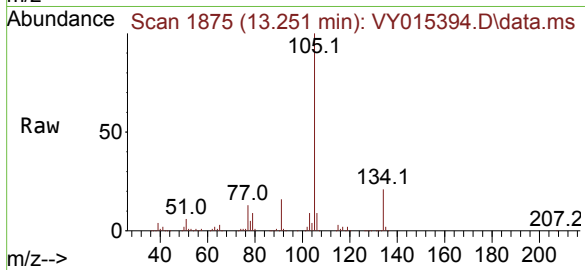
VY0831SBSD01

Tgt Ion:105 Resp: 190153

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 18.592 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

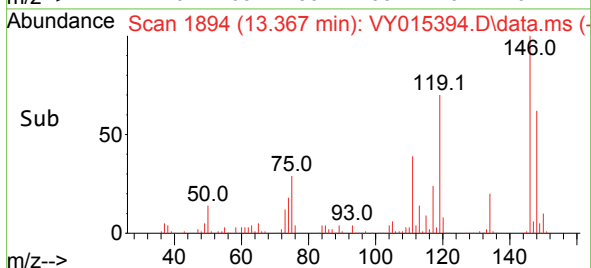
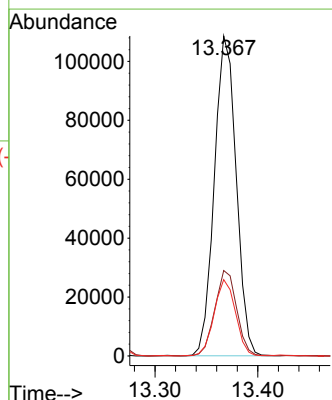
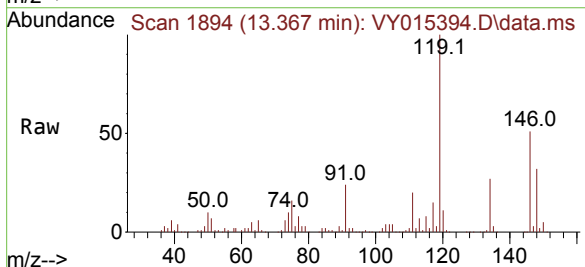
Tgt Ion:119 Resp: 160088

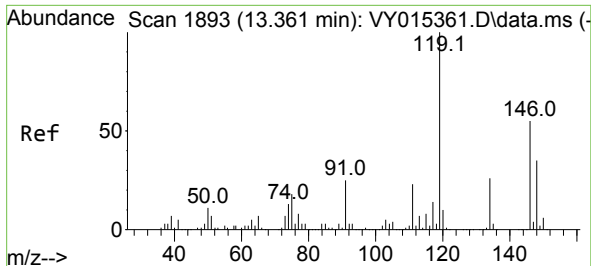
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.561 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0831SBS01

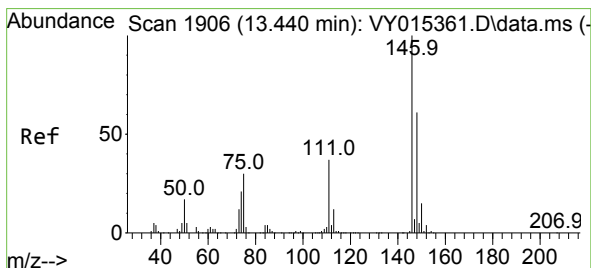
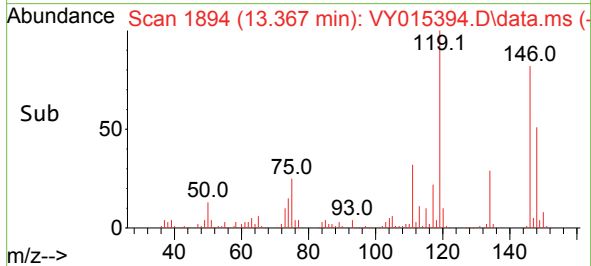
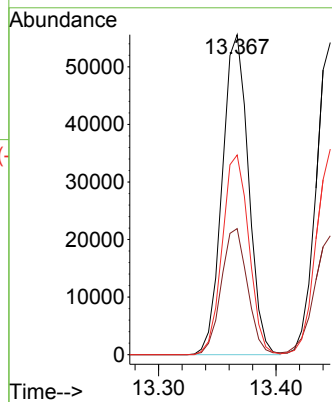
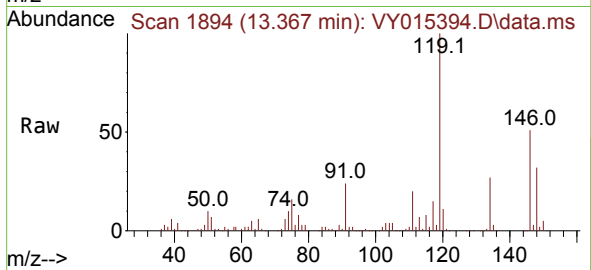
Tgt Ion:146 Resp: 85993

Ion Ratio Lower Upper

146 100

111 39.5 19.4 58.2

148 63.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.294 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

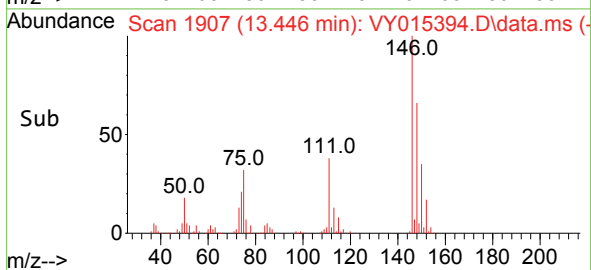
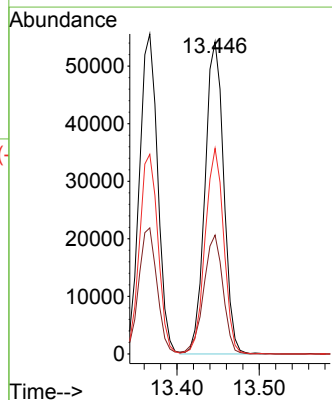
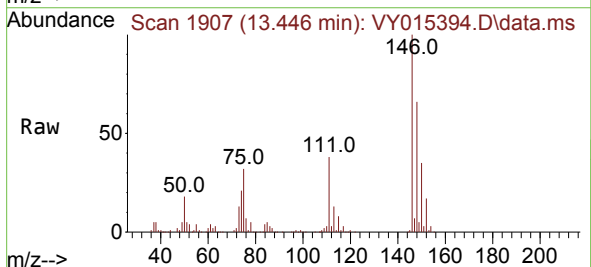
Tgt Ion:146 Resp: 85738

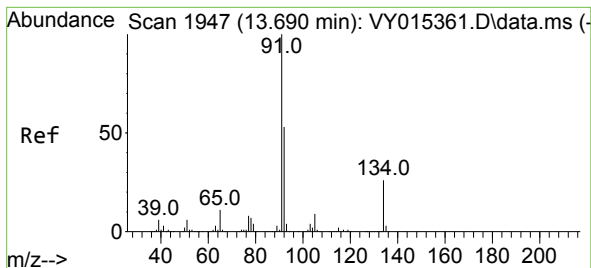
Ion Ratio Lower Upper

146 100

111 39.6 18.9 56.7

148 65.4 32.1 96.5





#89

n-Butylbenzene

Concen: 18.517 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. -0.000 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0831SBS01

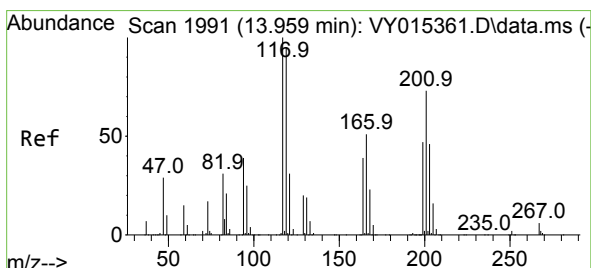
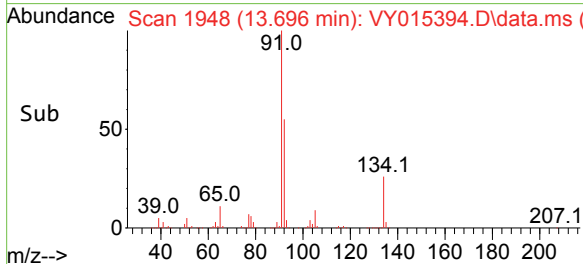
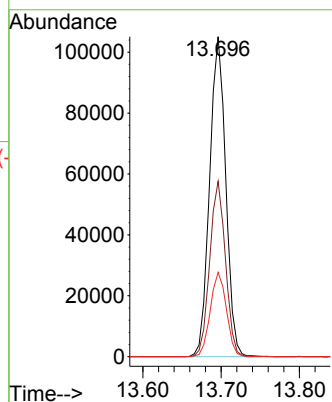
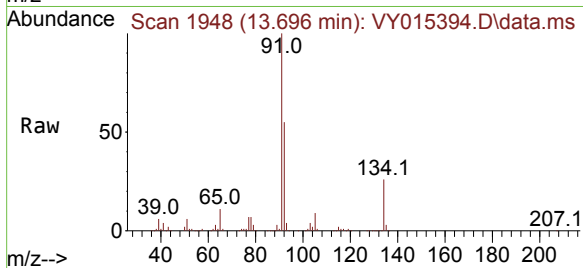
Tgt Ion: 91 Resp: 150065

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 26.3 12.6 37.6



#90

Hexachloroethane

Concen: 18.838 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015394.D

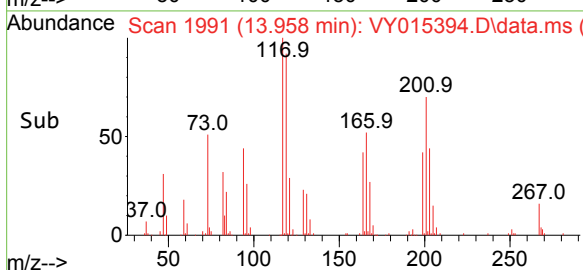
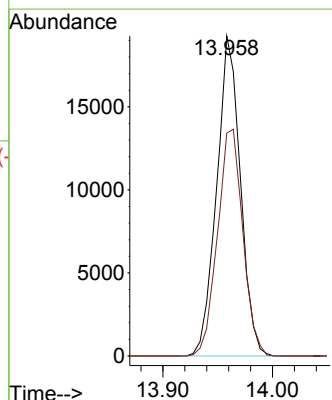
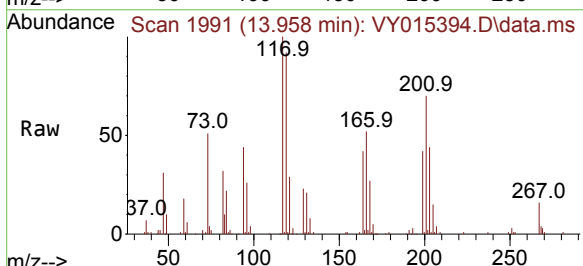
Acq: 31 Aug 2023 11:25

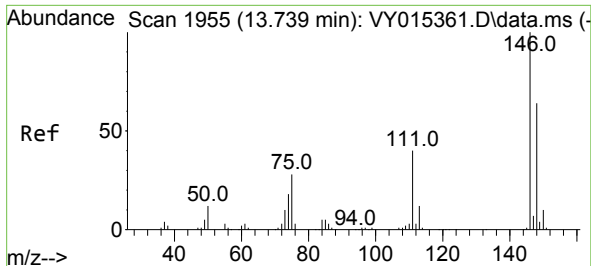
Tgt Ion: 117 Resp: 29010

Ion Ratio Lower Upper

117 100

201 75.5 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 19.739 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0831SBS01

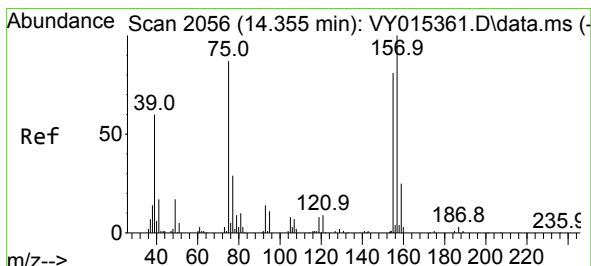
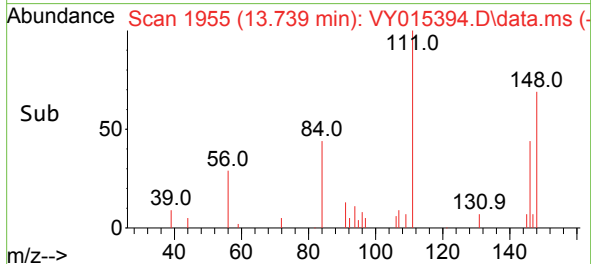
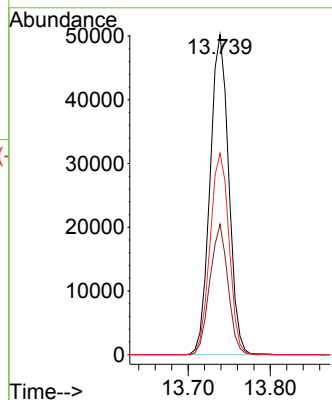
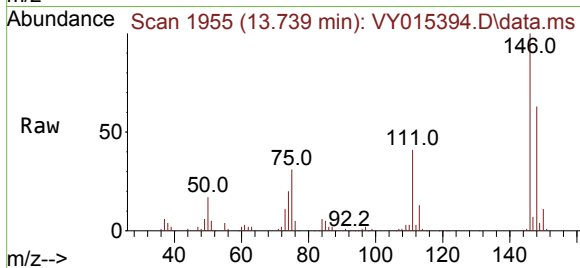
Tgt Ion:146 Resp: 79188

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.0

148 64.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.267 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

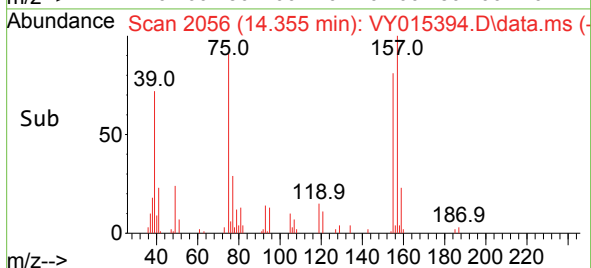
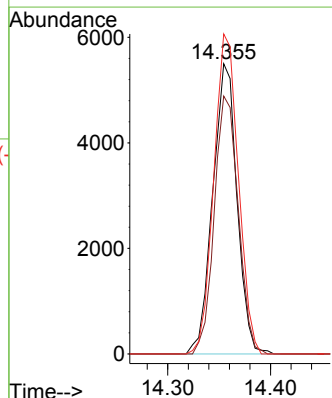
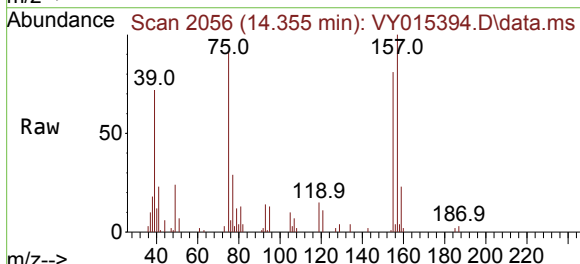
Tgt Ion: 75 Resp: 8998

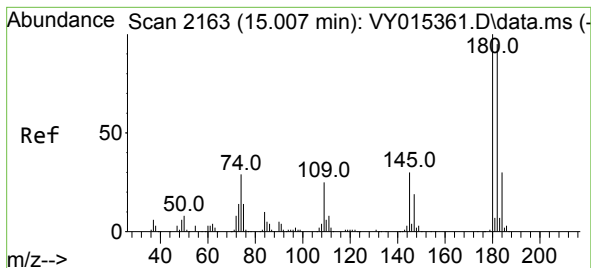
Ion Ratio Lower Upper

75 100

155 87.9 41.5 124.6

157 111.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.524 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0831SBS01

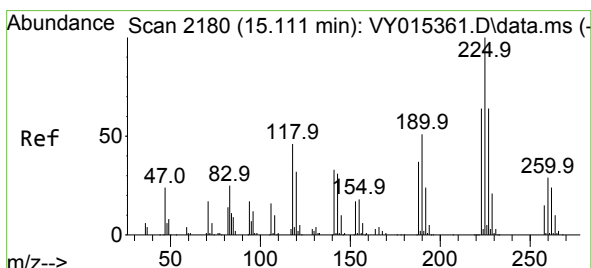
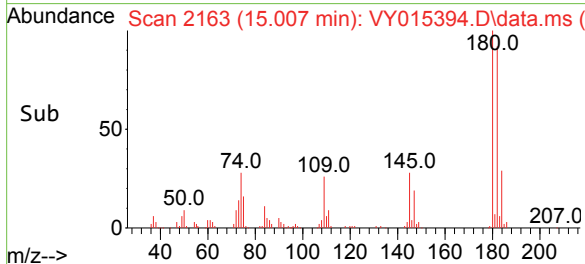
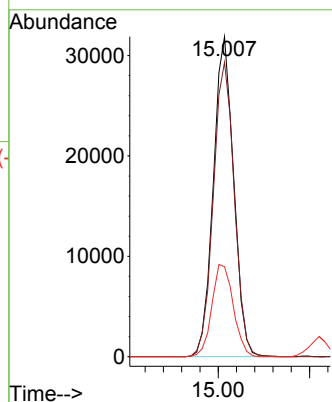
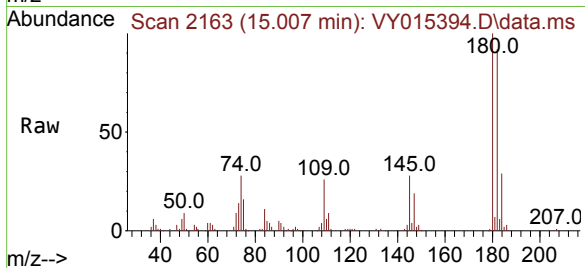
Tgt Ion:180 Resp: 49191

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 18.697 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

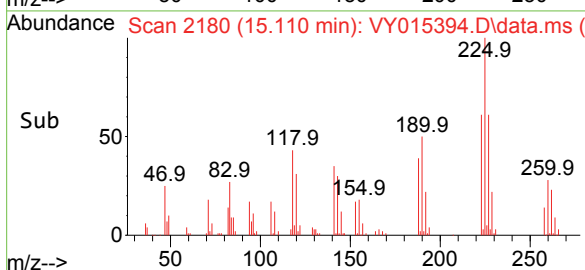
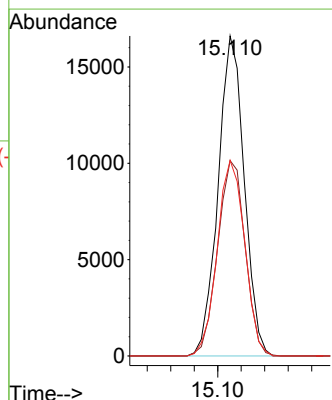
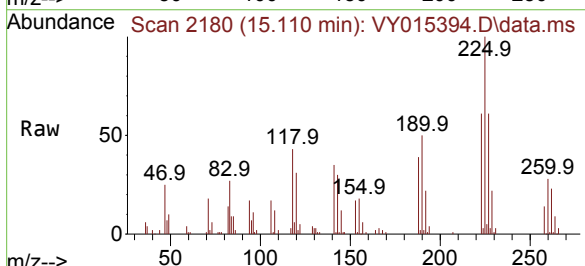
Tgt Ion:225 Resp: 25686

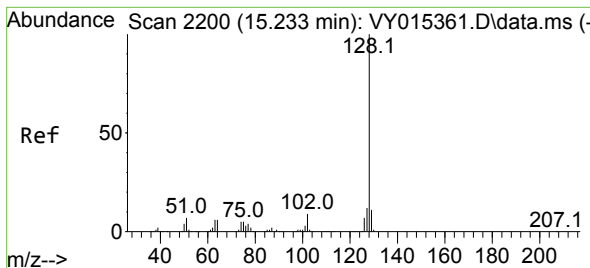
Ion Ratio Lower Upper

225 100

223 64.1 31.9 95.9

227 64.2 33.0 98.9





#95

Naphthalene

Concen: 19.933 ug/l

RT: 15.232 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0831SBS01

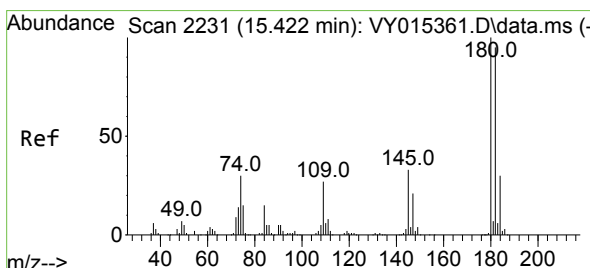
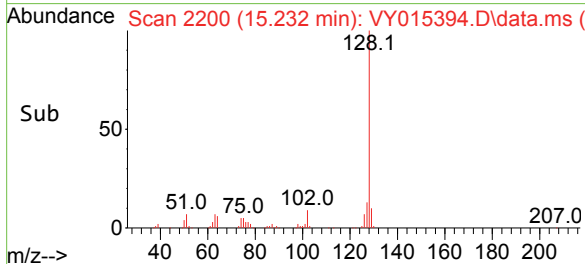
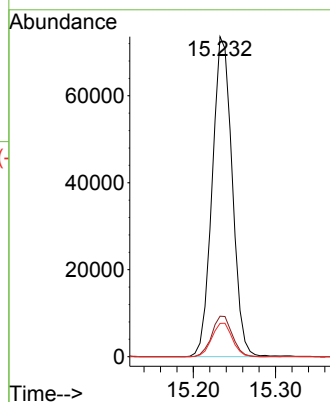
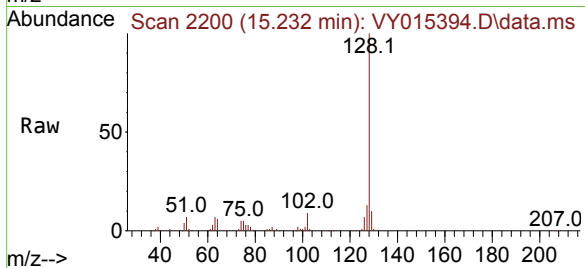
Tgt Ion:128 Resp: 124402

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.807 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015394.D

Acq: 31 Aug 2023 11:25

Tgt Ion:180 Resp: 45519

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 32.7 15.4 46.2

