

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016803.D
 Acq On : 22 Dec 2023 12:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 22 22:56:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	139057	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	237237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	204072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	89656	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	75565	59.526	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.060%	
35) Dibromofluoromethane	7.740	113	80050	58.906	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.820%	
50) Toluene-d8	10.197	98	294329	60.081	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 120.160%	
62) 4-Bromofluorobenzene	12.501	95	94754	59.618	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 119.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	52910	44.523	ug/l	99
3) Chloromethane	2.125	50	97251	53.240	ug/l	98
4) Vinyl Chloride	2.265	62	105263	51.017	ug/l	99
5) Bromomethane	2.674	94	77811	52.949	ug/l	100
6) Chloroethane	2.814	64	71532	51.164	ug/l	100
7) Trichlorofluoromethane	3.149	101	118376	49.250	ug/l	98
8) Diethyl Ether	3.552	74	39922	51.922	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.930	101	73812	50.062	ug/l	99
10) Methyl Iodide	4.125	142	72410	47.129	ug/l	99
11) Tert butyl alcohol	5.003	59	21501	206.576	ug/l	98
12) 1,1-Dichloroethene	3.899	96	67204	51.192	ug/l	95
13) Acrolein	3.759	56	18273	227.541	ug/l	100
14) Allyl chloride	4.509	41	109949	54.681	ug/l	99
15) Acrylonitrile	5.198	53	88921	273.088	ug/l	99
16) Acetone	3.979	43	79893	232.740	ug/l	97
17) Carbon Disulfide	4.222	76	188633	52.809	ug/l	99
18) Methyl Acetate	4.509	43	80180	59.769	ug/l	98
19) Methyl tert-butyl Ether	5.253	73	175301	51.898	ug/l	98
20) Methylene Chloride	4.747	84	82258	47.380	ug/l	98
21) trans-1,2-Dichloroethene	5.253	96	80497	53.765	ug/l	94
22) Diisopropyl ether	6.149	45	258903	56.914	ug/l	95
23) Vinyl Acetate	6.088	43	577106	268.235	ug/l	100
24) 1,1-Dichloroethane	6.051	63	148923	54.498	ug/l	98
25) 2-Butanone	7.015	43	114994	243.311	ug/l	98
26) 2,2-Dichloropropane	7.008	77	124679	52.284	ug/l	99
27) cis-1,2-Dichloroethene	7.015	96	93268	54.127	ug/l	99
28) Bromochloromethane	7.356	49	64617	59.744	ug/l	99
29) Tetrahydrofuran	7.374	42	71605	277.078	ug/l	97
30) Chloroform	7.533	83	151115	54.019	ug/l	99
31) Cyclohexane	7.807	56	121463	49.940	ug/l	98
32) 1,1,1-Trichloroethane	7.728	97	127882	52.079	ug/l	99
36) 1,1-Dichloropropene	7.941	75	112549	51.661	ug/l	100
37) Ethyl Acetate	7.100	43	49189	52.676	ug/l	100
38) Carbon Tetrachloride	7.923	117	109608	50.843	ug/l	99
39) Methylcyclohexane	9.203	83	133011	52.879	ug/l	99
40) Benzene	8.185	78	339594	53.565	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	29787	60.079	ug/l	99
42) 1,2-Dichloroethane	8.258	62	88709	53.632	ug/l	99
43) Isopropyl Acetate	8.295	43	96146	53.012	ug/l	99
44) Trichloroethene	8.959	130	83832	51.808	ug/l	96
45) 1,2-Dichloropropane	9.234	63	86434	54.350	ug/l	95
46) Dibromomethane	9.325	93	43429	52.861	ug/l	98
47) Bromodichloromethane	9.514	83	115238	53.218	ug/l	98
48) Methyl methacrylate	9.313	41	55967	55.524	ug/l	99
49) 1,4-Dioxane	9.325	88	8253	1034.982	ug/l	97
51) 4-Methyl-2-Pentanone	10.087	43	265662	274.917	ug/l	99
52) Toluene	10.264	92	206227	54.281	ug/l	99
53) t-1,3-Dichloropropene	10.483	75	106719	54.049	ug/l	100
54) cis-1,3-Dichloropropene	9.947	75	128242	53.846	ug/l	95
55) 1,1,2-Trichloroethane	10.666	97	61921	52.826	ug/l	98
56) Ethyl methacrylate	10.526	69	55809	54.145	ug/l	97
57) 1,3-Dichloropropane	10.807	76	106182	53.331	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.801	63	158949	286.658	ug/l	98
59) 2-Hexanone	10.849	43	184777	256.437	ug/l	99
60) Dibromochloromethane	11.002	129	72484	53.455	ug/l	99
61) 1,2-Dibromoethane	11.111	107	56305	53.562	ug/l	100
64) Tetrachloroethene	10.740	164	65032	51.300	ug/l	97
65) Chlorobenzene	11.538	112	211582	52.771	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.611	131	78359	51.943	ug/l	99
67) Ethyl Benzene	11.611	91	394862	53.506	ug/l	99
68) m/p-Xylenes	11.721	106	294975	108.242	ug/l	100
69) o-Xylene	12.050	106	135393	54.156	ug/l	99
70) Styrene	12.062	104	202244	54.669	ug/l	99
71) Bromoform	12.227	173	38609	51.336	ug/l #	97
73) Isopropylbenzene	12.349	105	370602	53.076	ug/l	100
74) N-amyl acetate	12.160	43	75547	51.554	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	72307	51.821	ug/l	99
76) 1,2,3-Trichloropropane	12.654	75	85574	86.342	ug/l #	100
77) Bromobenzene	12.629	156	78332	51.423	ug/l	99
78) n-propylbenzene	12.690	91	453141	53.563	ug/l	99
79) 2-Chlorotoluene	12.776	91	246488	52.654	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	296831	53.703	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	21037	49.848	ug/l	99
82) 4-Chlorotoluene	12.873	91	252286	52.532	ug/l	100
83) tert-Butylbenzene	13.093	119	253621	52.752	ug/l	98
84) 1,2,4-Trimethylbenzene	13.142	105	292631	53.691	ug/l	99
85) sec-Butylbenzene	13.276	105	381539	53.578	ug/l	100
86) p-Isopropyltoluene	13.385	119	320834	54.099	ug/l	99
87) 1,3-Dichlorobenzene	13.385	146	153500	51.563	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	149350	51.379	ug/l	99
89) n-Butylbenzene	13.715	91	309469	54.589	ug/l	100
90) Hexachloroethane	13.983	117	63965	51.798	ug/l	97
91) 1,2-Dichlorobenzene	13.757	146	131022	51.663	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	8723	48.227	ug/l	97
93) 1,2,4-Trichlorobenzene	15.025	180	69616	51.733	ug/l	98
94) Hexachlorobutadiene	15.135	225	39077	51.126	ug/l	99
95) Naphthalene	15.257	128	131536	45.736	ug/l	100
96) 1,2,3-Trichlorobenzene	15.446	180	58259	50.833	ug/l	98

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QLast Update : Thu Dec 21 01:49:45 2023
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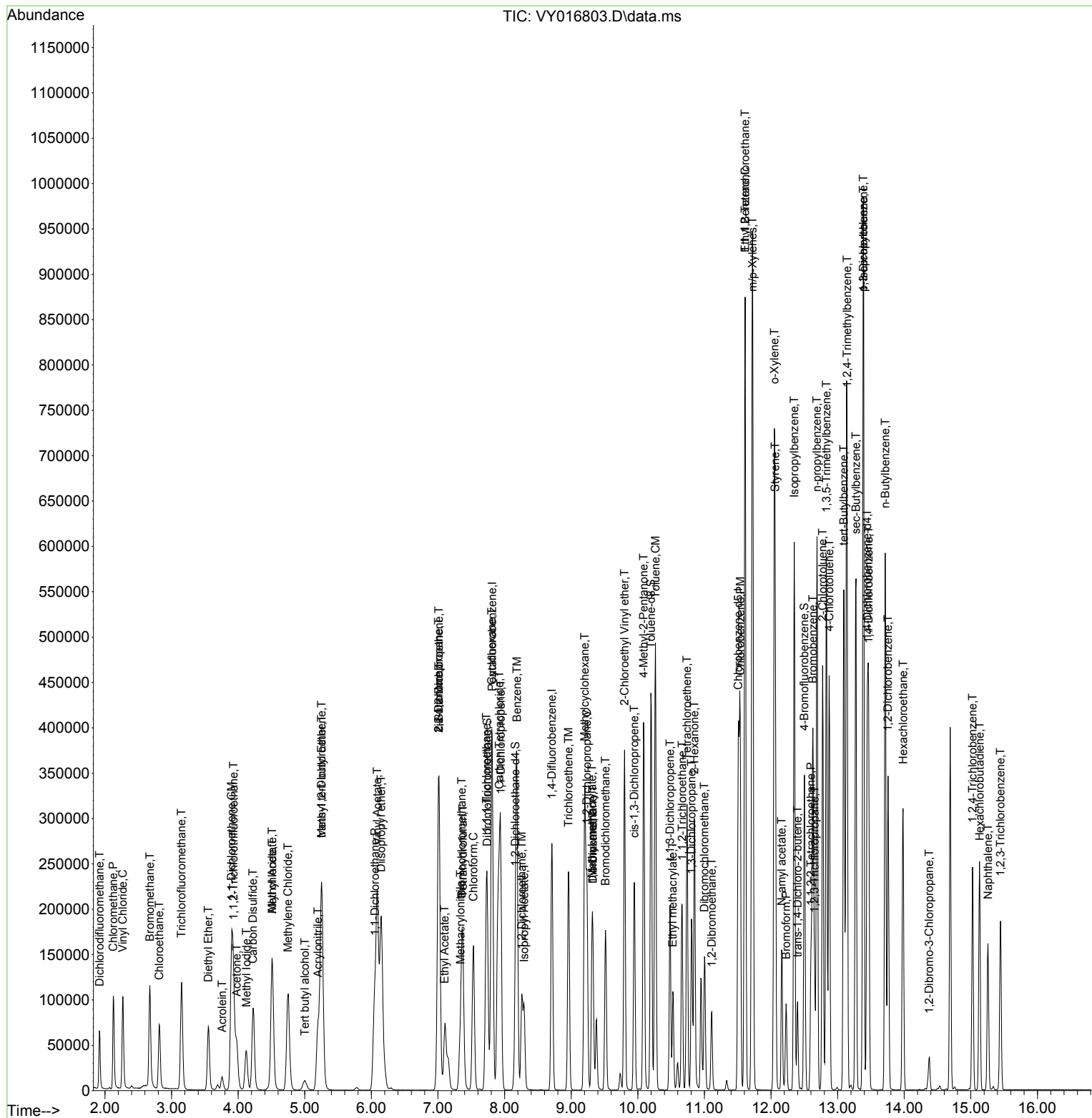
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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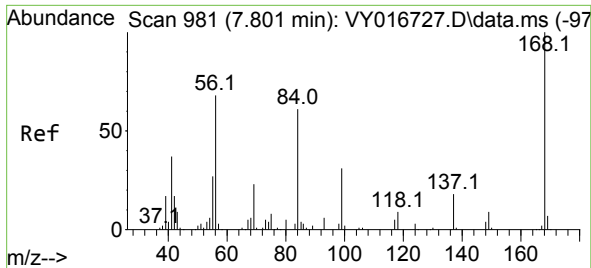
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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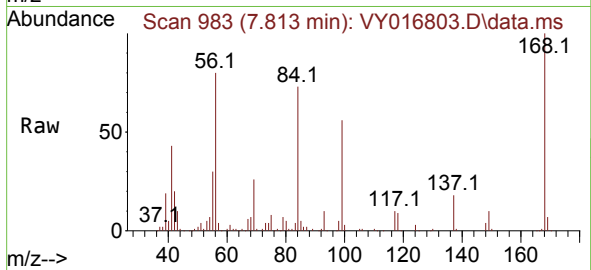
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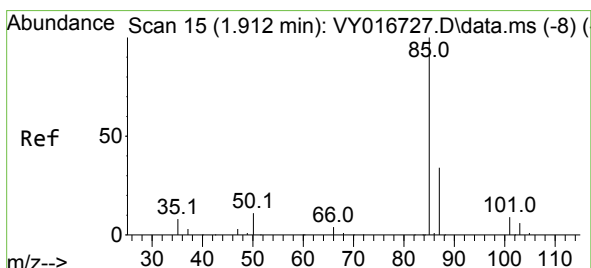
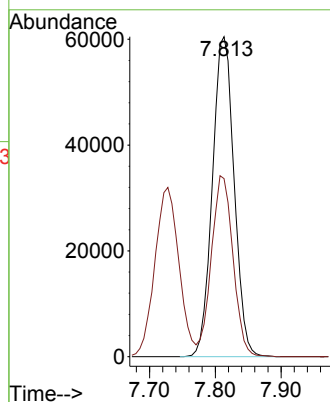
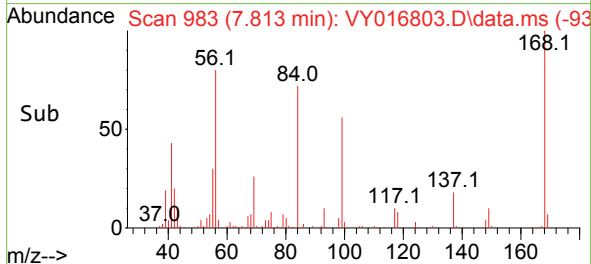


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
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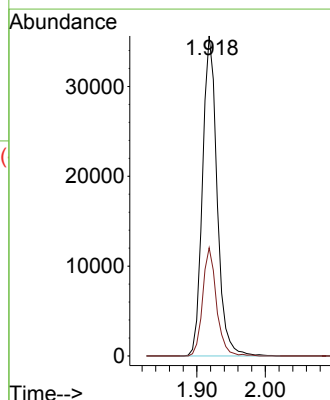
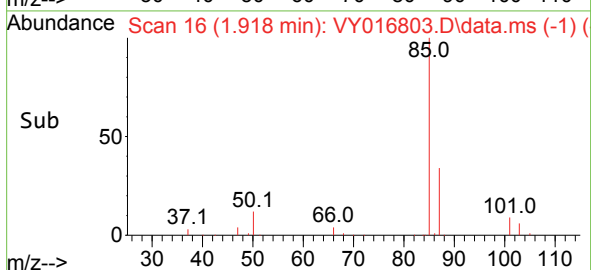
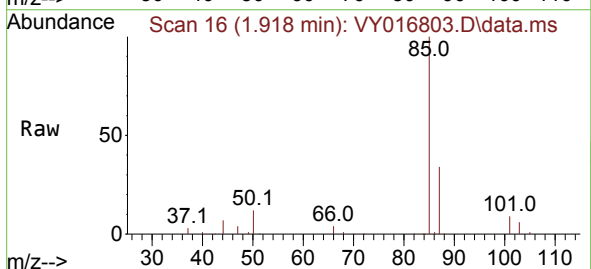


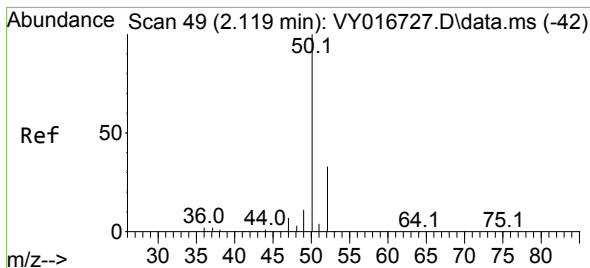
Tgt Ion:168 Resp: 139057
Ion Ratio Lower Upper
168 100
99 55.6 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 44.523 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

Tgt Ion: 85 Resp: 52910
Ion Ratio Lower Upper
85 100
87 33.8 17.1 51.3





#3

Chloromethane

Concen: 53.240 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

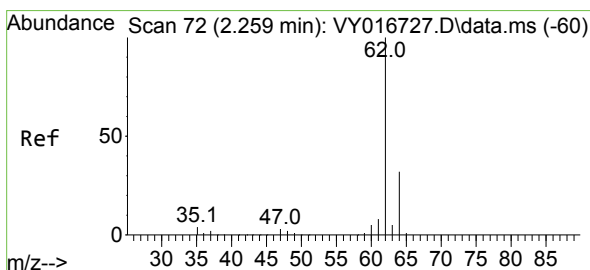
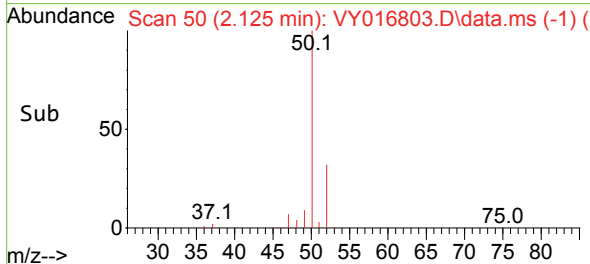
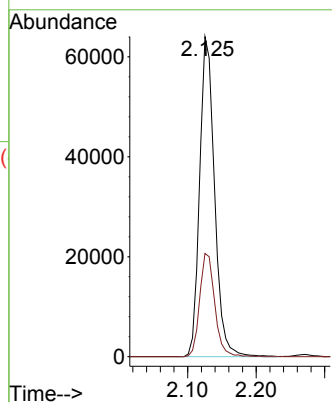
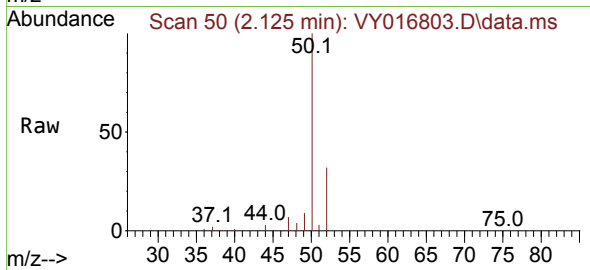
ClientSampleId :

Tgt Ion: 50 Resp: 97251

Ion Ratio Lower Upper

50 100

52 32.2 26.7 40.1



#4

Vinyl Chloride

Concen: 51.017 ug/l

RT: 2.265 min Scan# 73

Delta R.T. 0.006 min

Lab File: VY016803.D

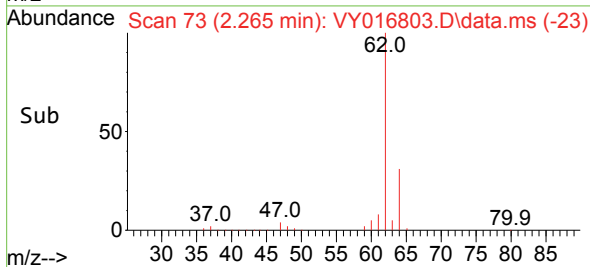
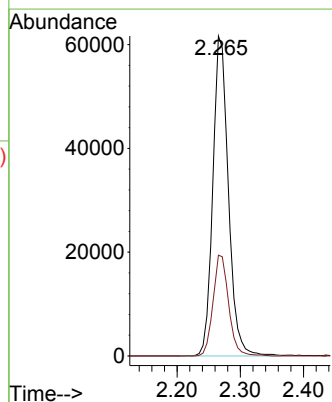
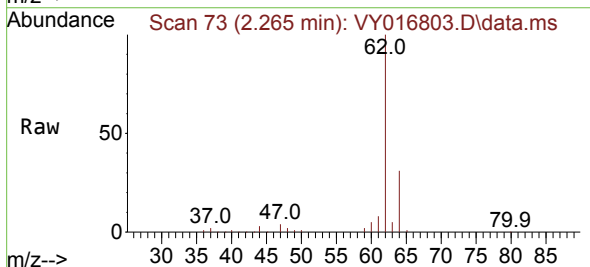
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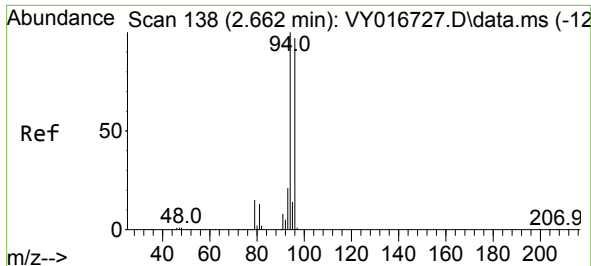
Tgt Ion: 62 Resp: 105263

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5

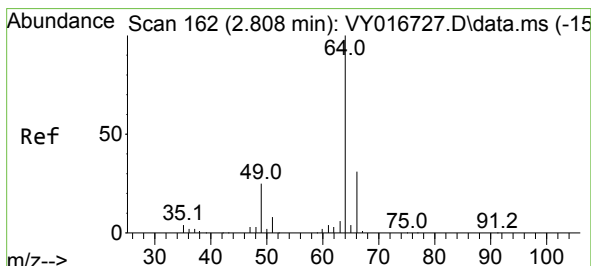
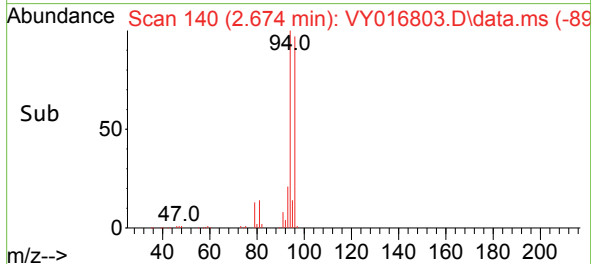
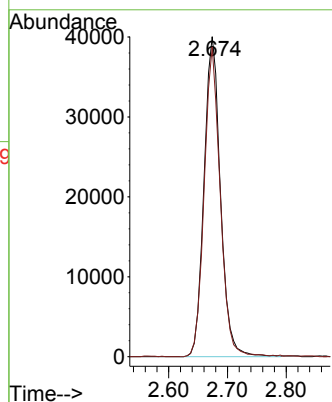
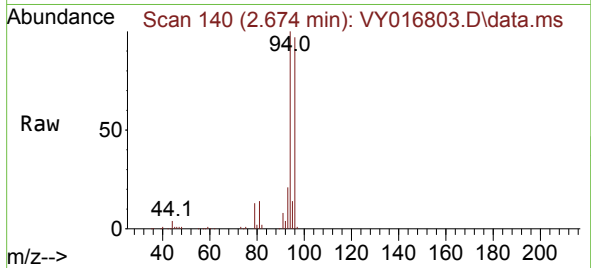




#5
Bromomethane
Concen: 52.949 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

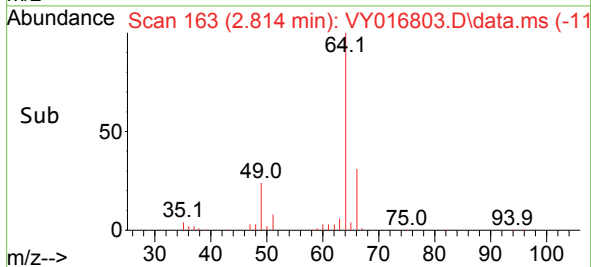
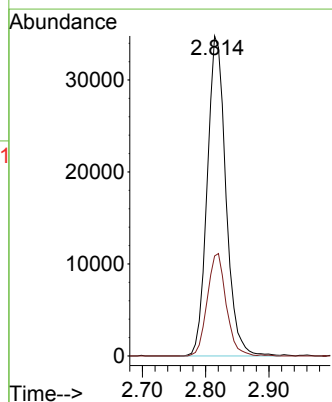
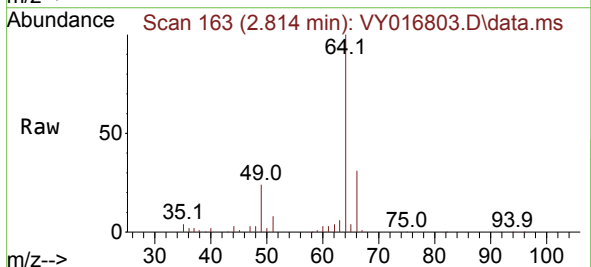
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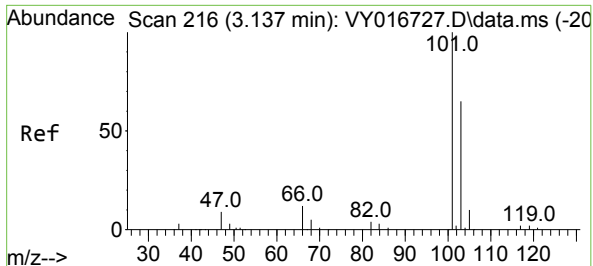
Tgt Ion: 94 Resp: 77811
Ion Ratio Lower Upper
94 100
96 96.8 77.3 115.9



#6
Chloroethane
Concen: 51.164 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.006 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

Tgt Ion: 64 Resp: 71532
Ion Ratio Lower Upper
64 100
66 31.3 25.1 37.7

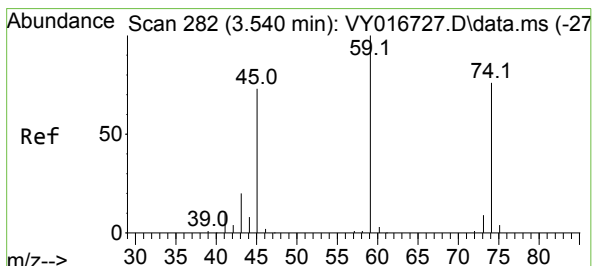
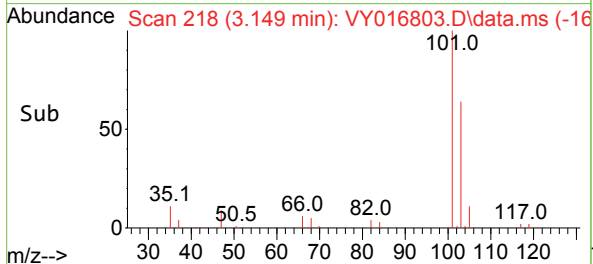
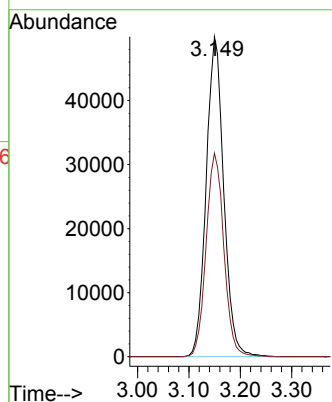
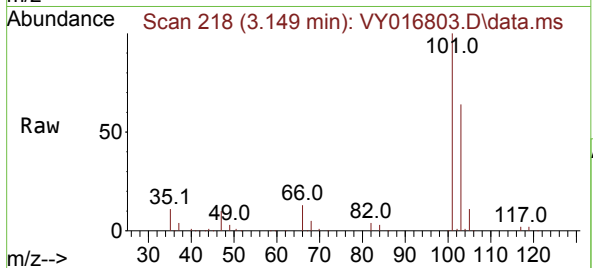




#7
Trichlorofluoromethane
Concen: 49.250 ug/l
RT: 3.149 min Scan# 216
Delta R.T. 0.012 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

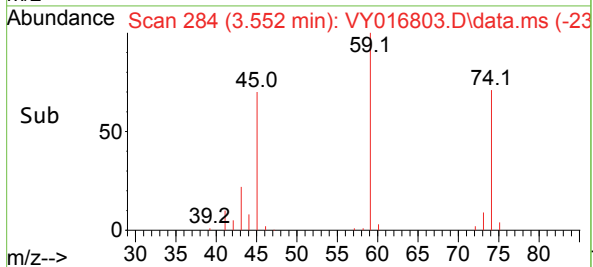
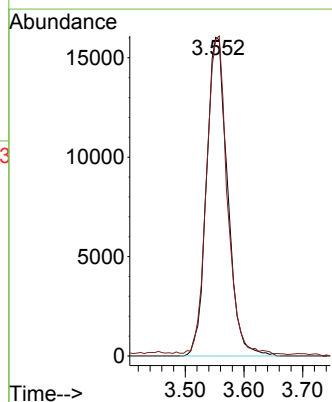
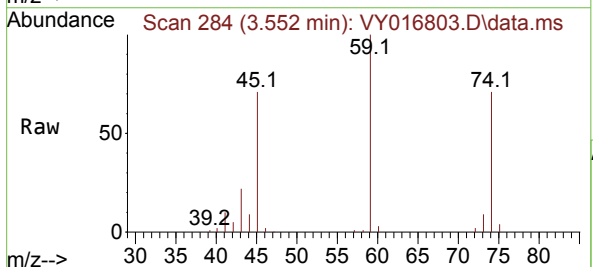
Instrument :
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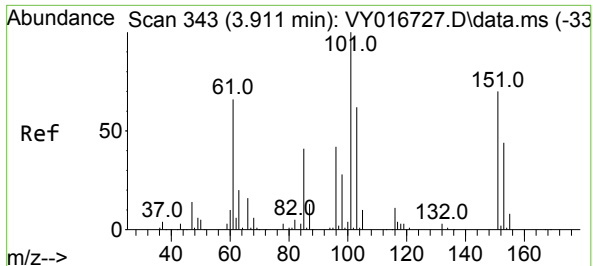
Tgt Ion:101 Resp: 118376
Ion Ratio Lower Upper
101 100
103 63.6 51.9 77.9



#8
Diethyl Ether
Concen: 51.922 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.012 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

Tgt Ion: 74 Resp: 39922
Ion Ratio Lower Upper
74 100
45 98.2 47.9 143.7

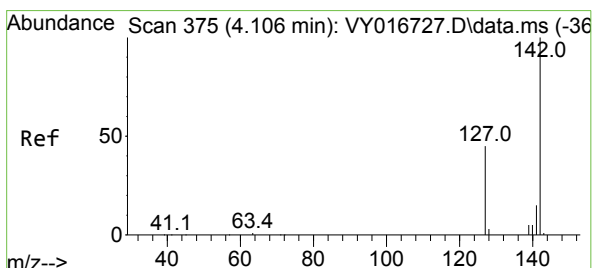
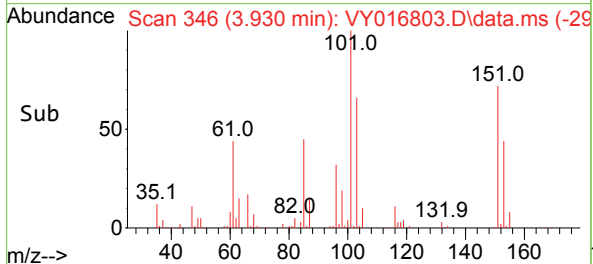
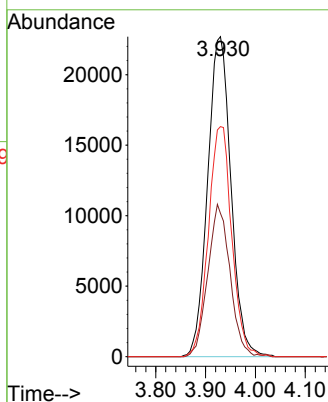
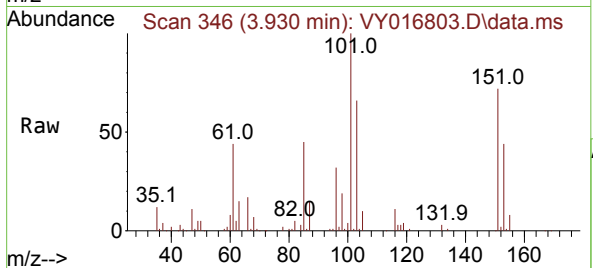




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.062 ug/l
RT: 3.930 min Scan# 34
Delta R.T. 0.018 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

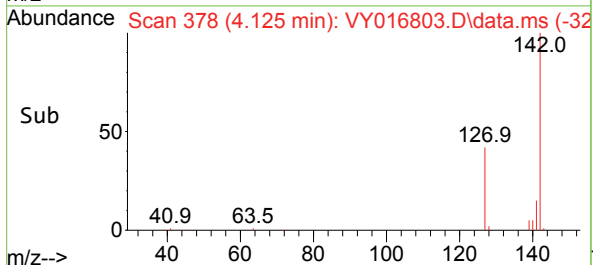
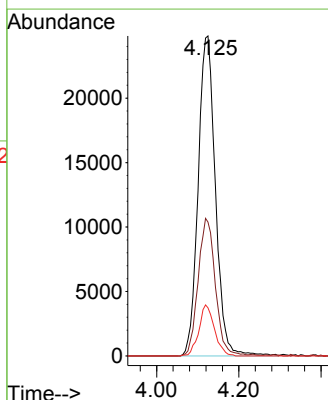
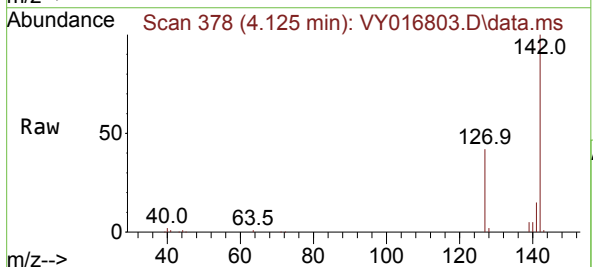
Instrument :
MSVOA_Y
ClientSampleId :

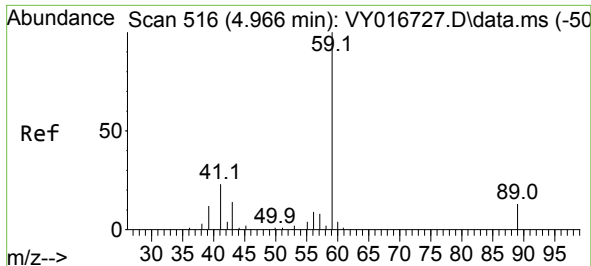
Tgt Ion:101 Resp: 73812
Ion Ratio Lower Upper
101 100
85 45.4 35.8 53.6
151 71.9 58.6 88.0



#10
Methyl Iodide
Concen: 47.129 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.018 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

Tgt Ion:142 Resp: 72410
Ion Ratio Lower Upper
142 100
127 42.8 35.1 52.7
141 14.4 11.8 17.6

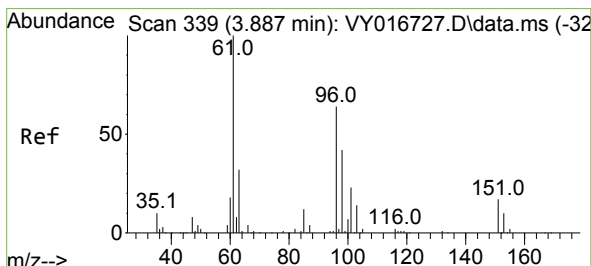
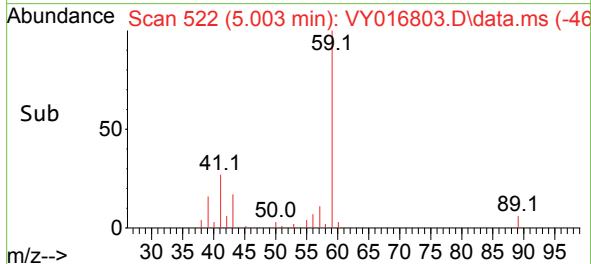
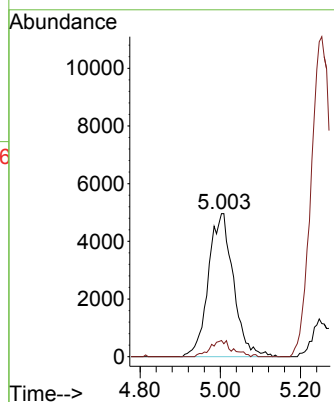
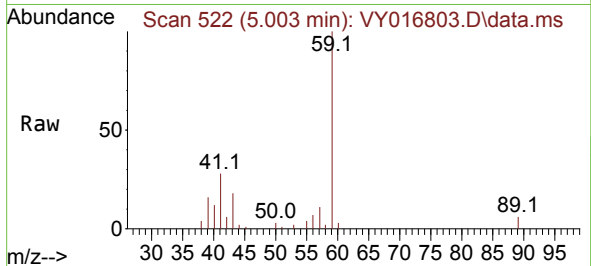




#11
Tert butyl alcohol
Concen: 206.576 ug/l
RT: 5.003 min Scan# 51
Delta R.T. 0.037 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

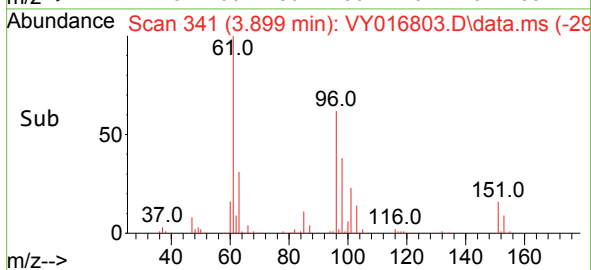
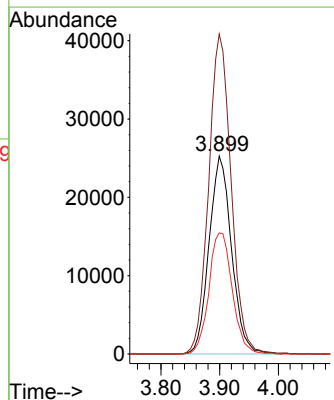
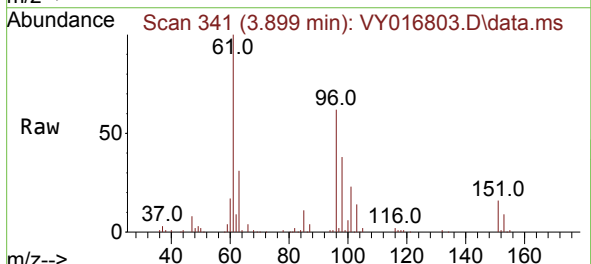
Instrument :
MSVOA_Y
ClientSampleId :

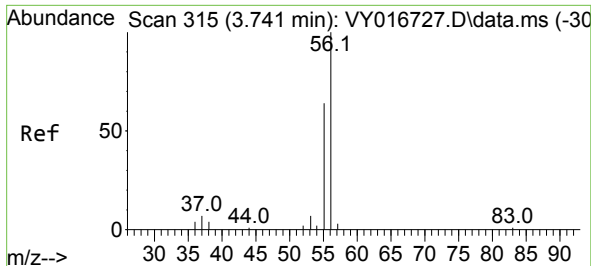
Tgt Ion: 59 Resp: 21501
Ion Ratio Lower Upper
59 100
57 9.9 7.4 11.0



#12
1,1-Dichloroethene
Concen: 51.192 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

Tgt Ion: 96 Resp: 67204
Ion Ratio Lower Upper
96 100
61 161.7 124.2 186.2
98 61.2 52.6 79.0





#13

Acrolein

Concen: 227.541 ug/l

RT: 3.759 min Scan# 315

Delta R.T. 0.018 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

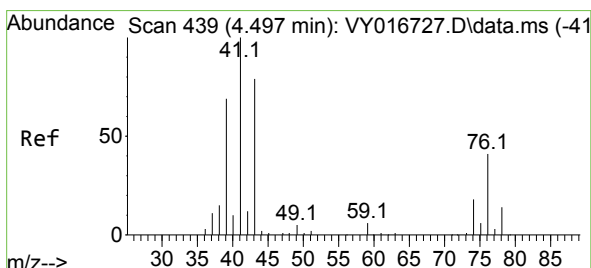
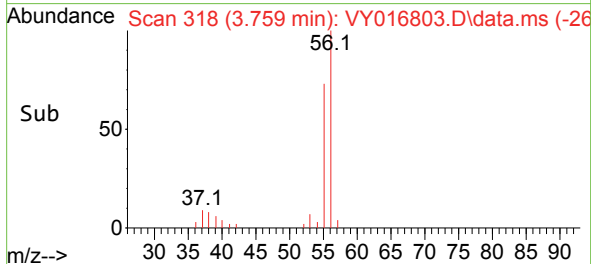
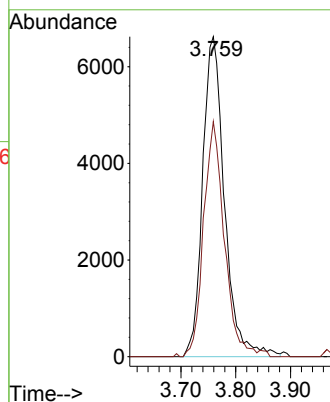
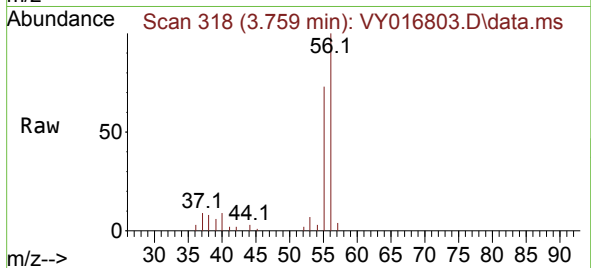
ClientSampleId :

Tgt Ion: 56 Resp: 18273

Ion Ratio Lower Upper

56 100

55 69.4 55.4 83.0



#14

Allyl chloride

Concen: 54.681 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

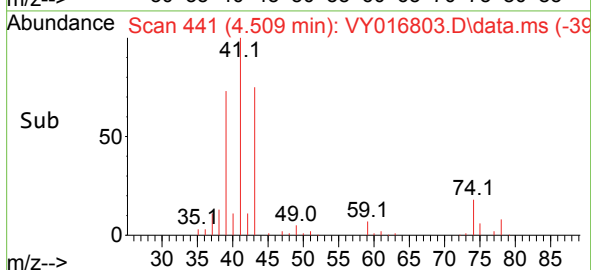
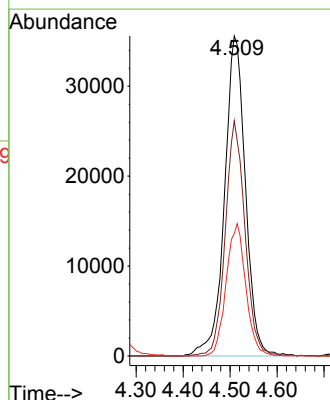
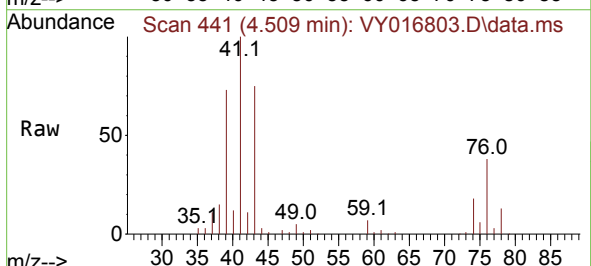
Tgt Ion: 41 Resp: 109949

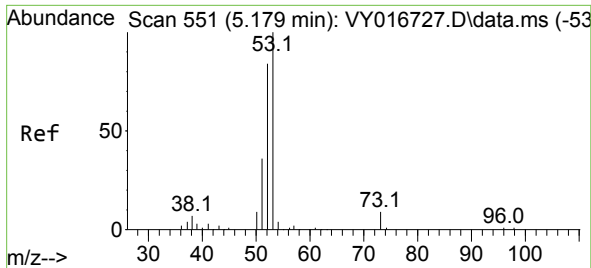
Ion Ratio Lower Upper

41 100

39 69.3 54.7 82.1

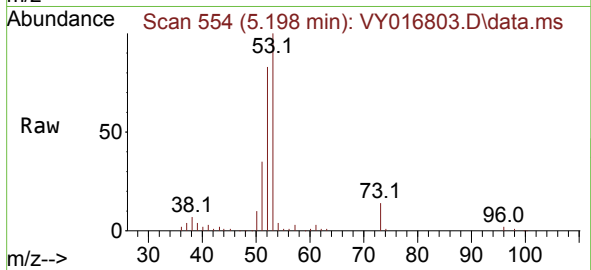
76 38.8 31.8 47.6



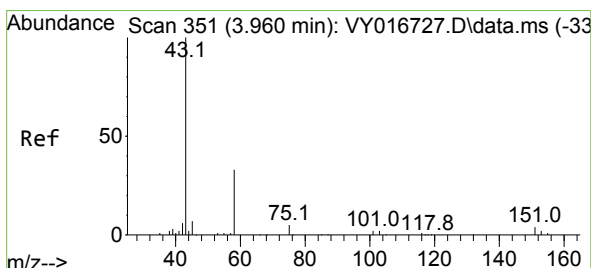
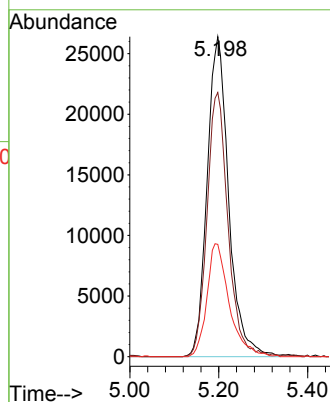
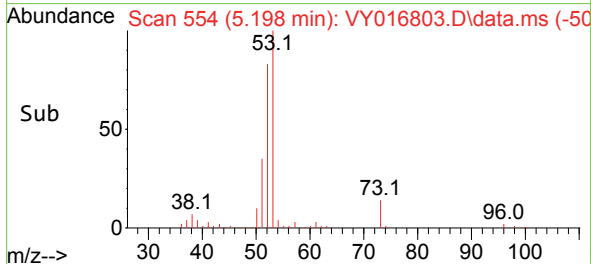


#15
Acrylonitrile
Concen: 273.088 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

Instrument :
MSVOA_Y
ClientSampleId :

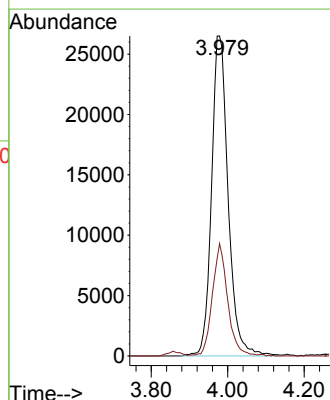
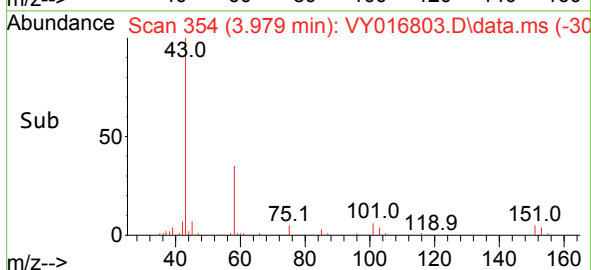
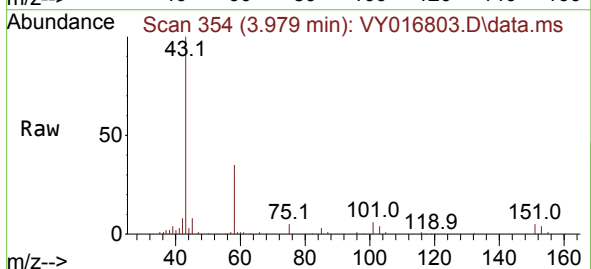


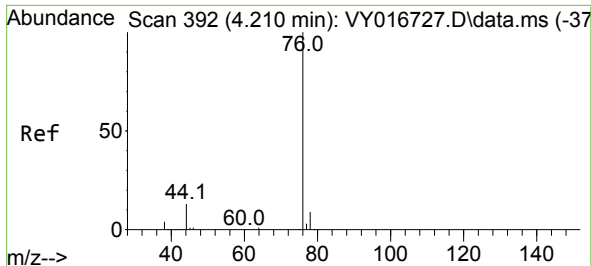
Tgt Ion: 53 Resp: 88921
Ion Ratio Lower Upper
53 100
52 80.4 65.1 97.7
51 36.7 29.0 43.4



#16
Acetone
Concen: 232.740 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

Tgt Ion: 43 Resp: 79893
Ion Ratio Lower Upper
43 100
58 35.1 26.6 39.8





#17

Carbon Disulfide

Concen: 52.809 ug/l

RT: 4.222 min Scan# 394

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

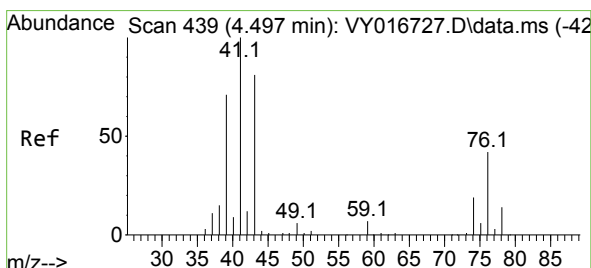
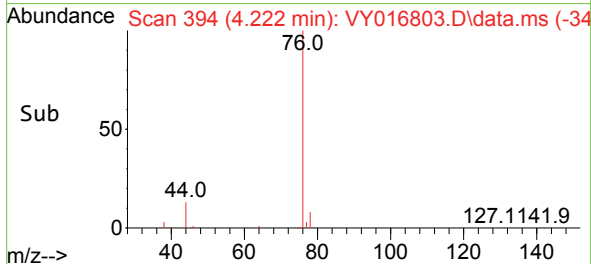
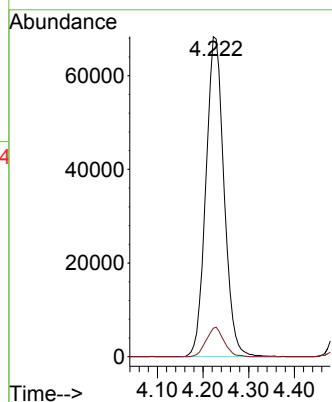
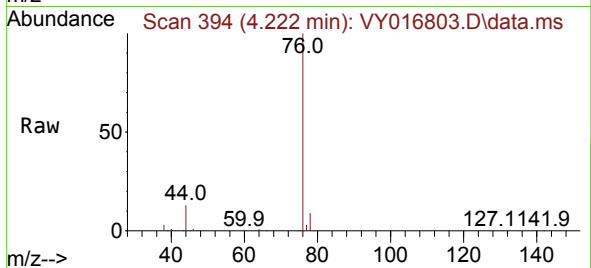
ClientSampleId :

Tgt Ion: 76 Resp: 188633

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



#18

Methyl Acetate

Concen: 59.769 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.012 min

Lab File: VY016803.D

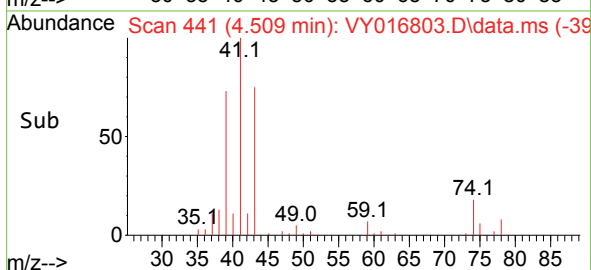
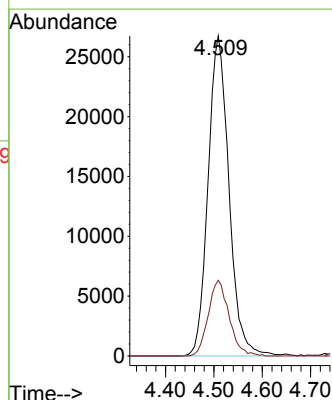
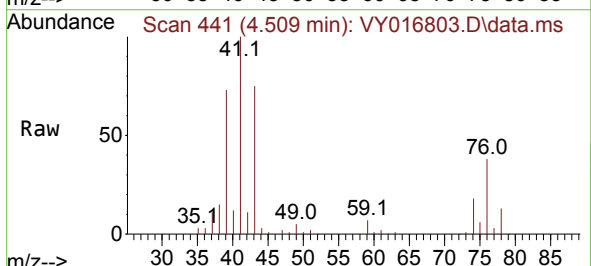
Acq: 22 Dec 2023 12:28

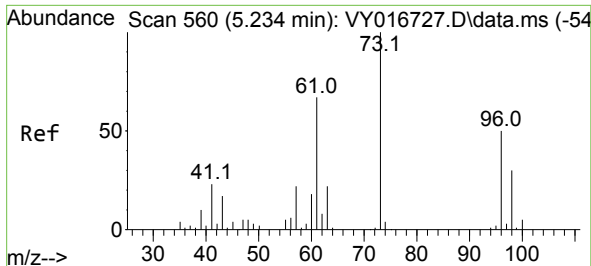
Tgt Ion: 43 Resp: 80180

Ion Ratio Lower Upper

43 100

74 23.6 19.8 29.6

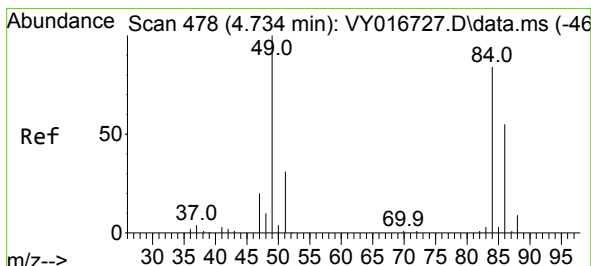
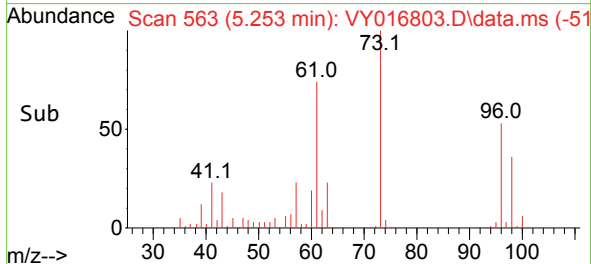
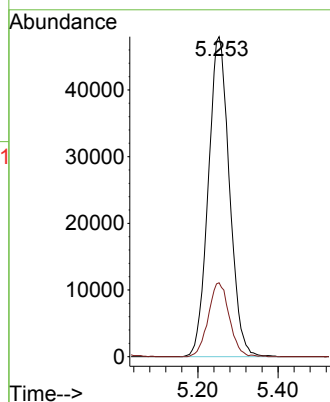
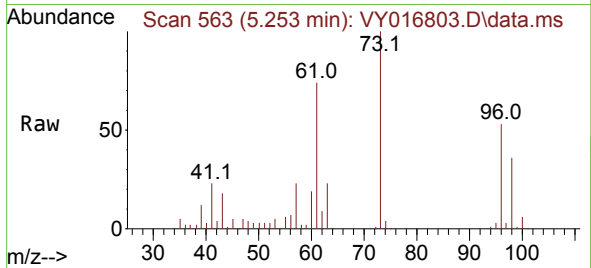




#19
Methyl tert-butyl Ether
Concen: 51.898 ug/l
RT: 5.253 min Scan# 501
Delta R.T. 0.018 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

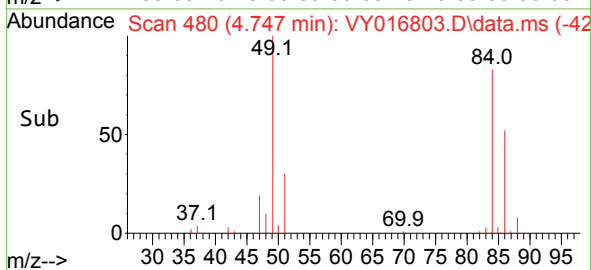
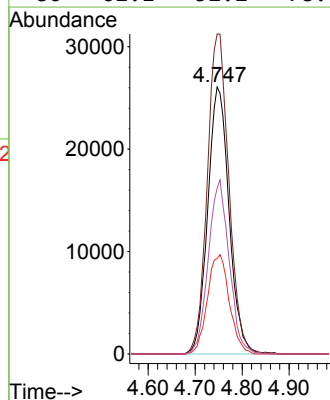
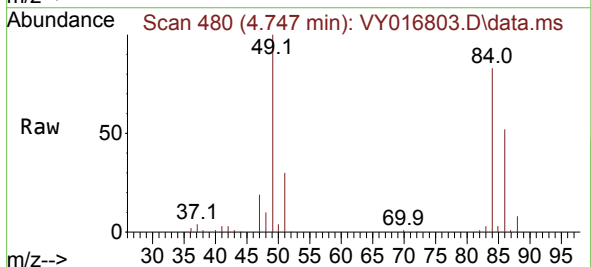
Instrument :
MSVOA_Y
ClientSampleId :

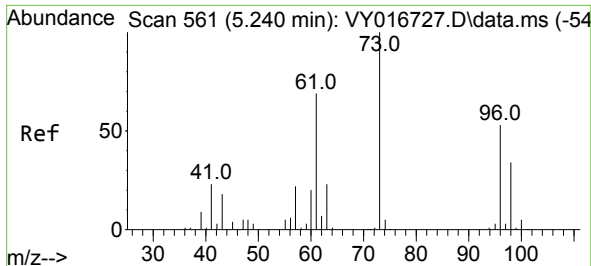
Tgt Ion: 73 Resp: 175301
Ion Ratio Lower Upper
73 100
57 23.1 17.7 26.5



#20
Methylene Chloride
Concen: 47.380 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

Tgt Ion: 84 Resp: 82258
Ion Ratio Lower Upper
84 100
49 119.8 95.2 142.8
51 35.8 29.9 44.9
86 62.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 53.765 ug/l

RT: 5.253 min Scan# 5

Delta R.T. 0.012 min

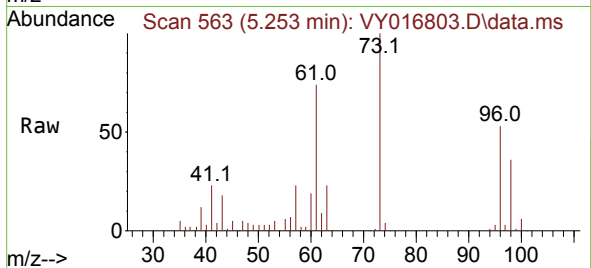
Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :



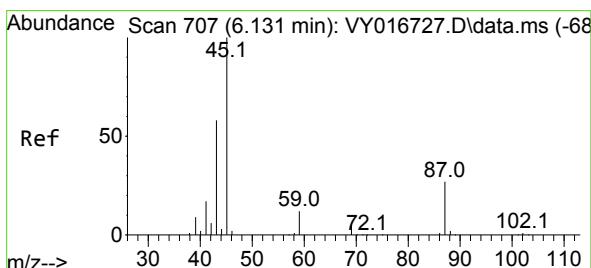
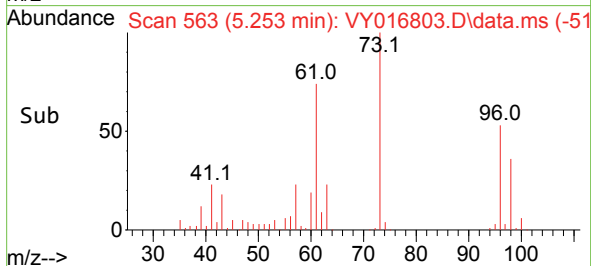
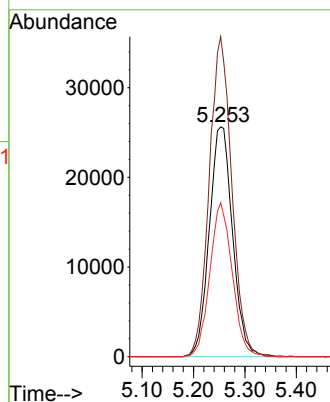
Tgt Ion: 96 Resp: 80497

Ion Ratio Lower Upper

96 100

61 139.3 104.6 156.8

98 67.0 50.9 76.3



#22

Diisopropyl ether

Concen: 56.914 ug/l

RT: 6.149 min Scan# 710

Delta R.T. 0.018 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Tgt Ion: 45 Resp: 258903

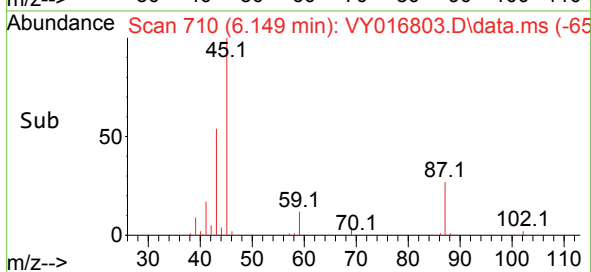
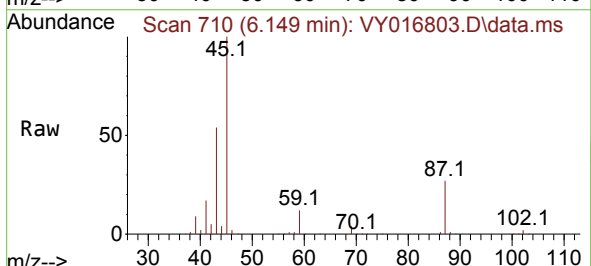
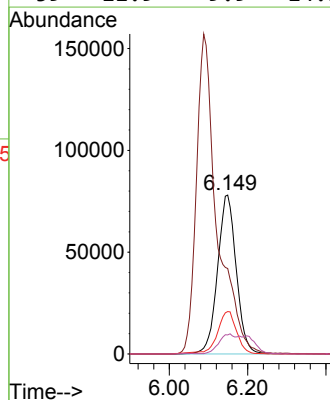
Ion Ratio Lower Upper

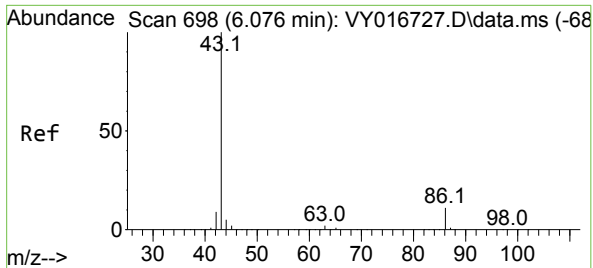
45 100

43 53.2 46.8 70.2

87 26.7 22.2 33.2

59 11.9 9.9 14.9

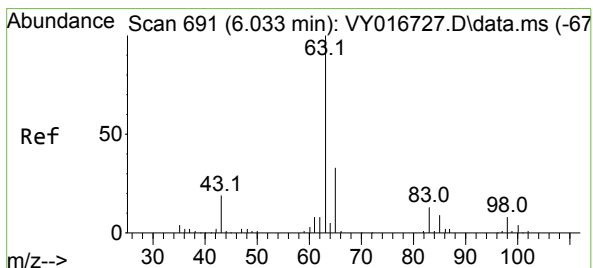
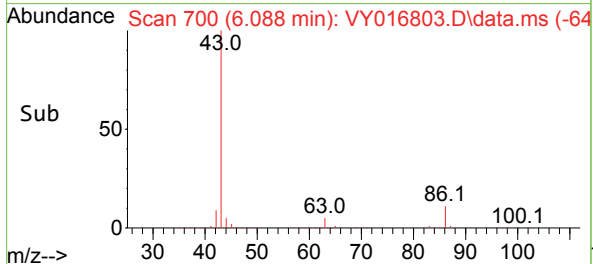
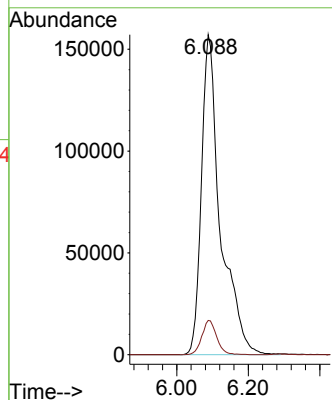
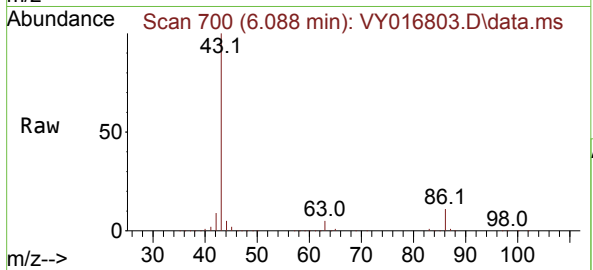




#23
 Vinyl Acetate
 Concen: 268.235 ug/l
 RT: 6.088 min Scan# 700
 Delta R.T. 0.012 min
 Lab File: VY016803.D
 Acq: 22 Dec 2023 12:28

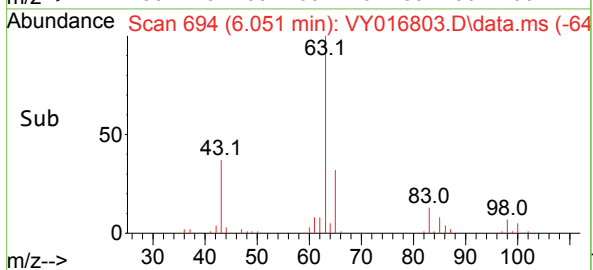
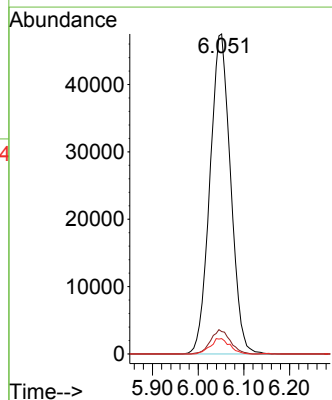
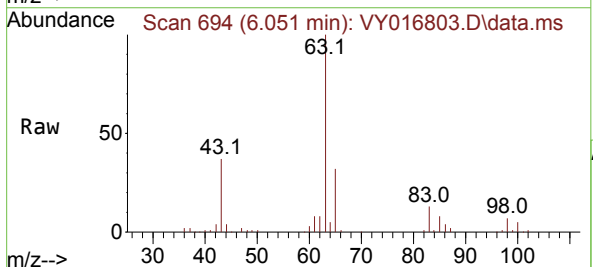
Instrument :
 MSVOA_Y
 ClientSampleId :

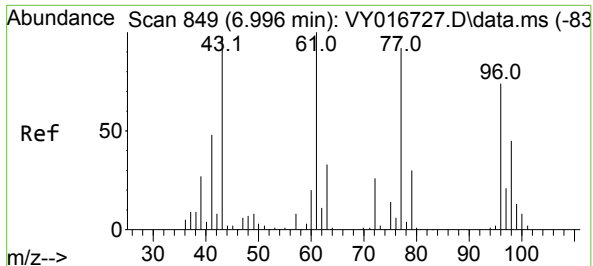
Tgt Ion: 43 Resp: 577106
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 54.498 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.018 min
 Lab File: VY016803.D
 Acq: 22 Dec 2023 12:28

Tgt Ion: 63 Resp: 148923
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.4
 100 4.8 2.1 6.2





#25

2-Butanone

Concen: 243.311 ug/l

RT: 7.015 min Scan# 8

Delta R.T. 0.019 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

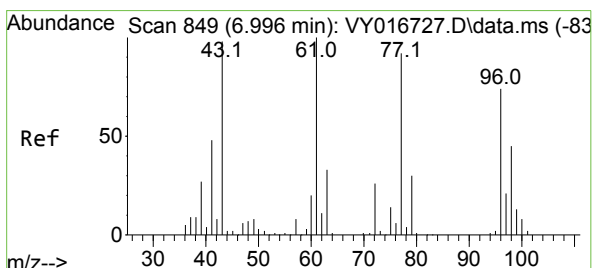
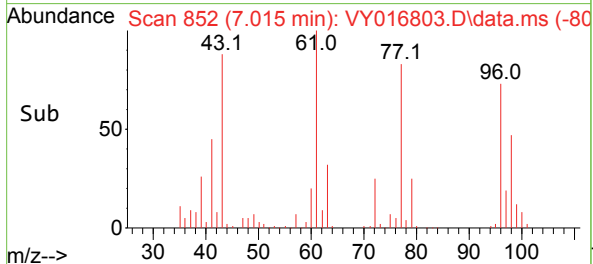
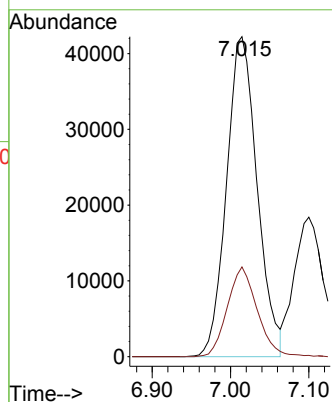
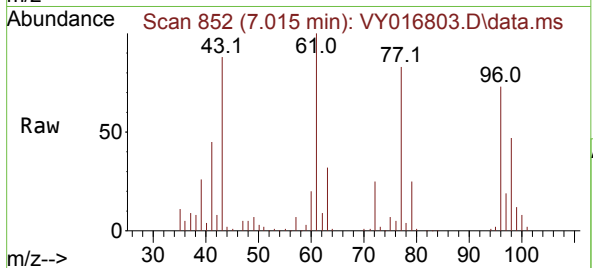
ClientSampleId :

Tgt Ion: 43 Resp: 114994

Ion Ratio Lower Upper

43 100

72 28.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 52.284 ug/l

RT: 7.008 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY016803.D

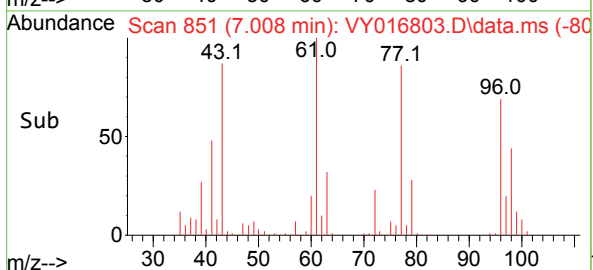
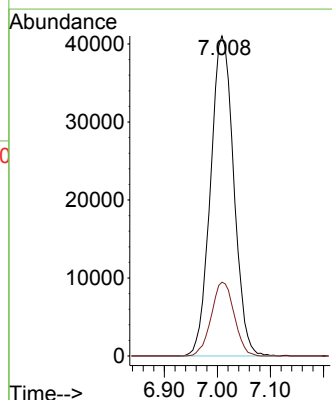
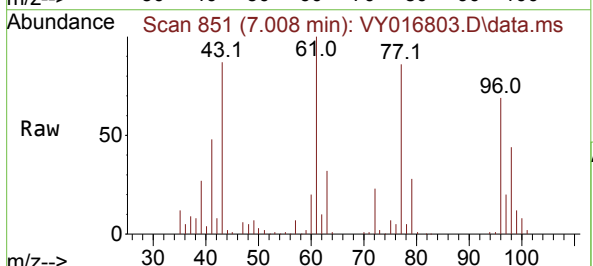
Acq: 22 Dec 2023 12:28

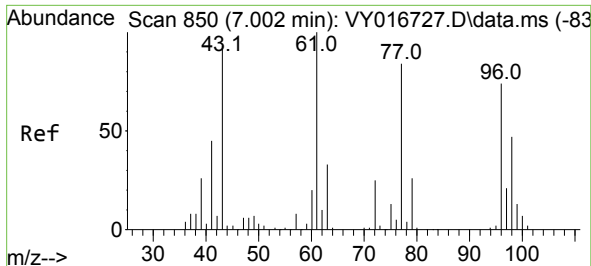
Tgt Ion: 77 Resp: 124679

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 54.127 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

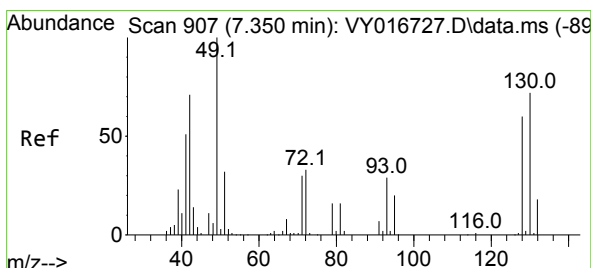
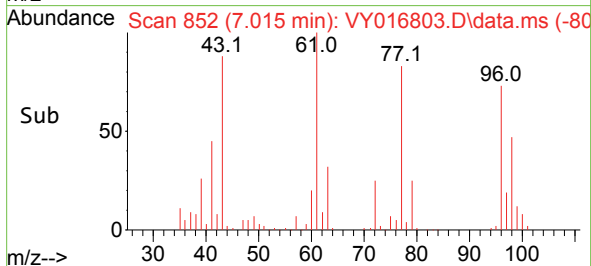
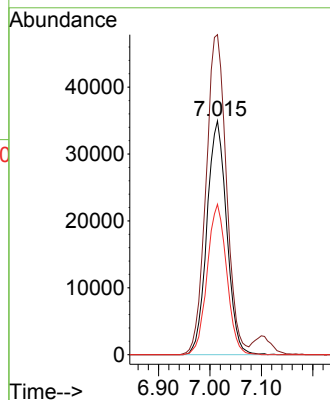
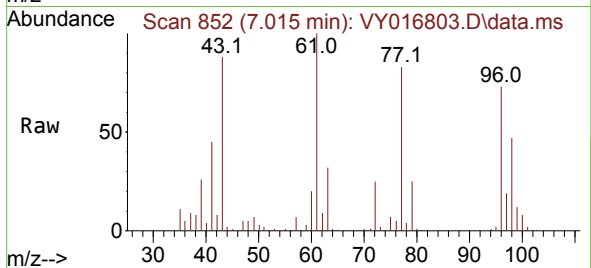
Tgt Ion: 96 Resp: 93268

Ion Ratio Lower Upper

96 100

61 141.8 0.0 278.8

98 63.6 0.0 127.0



#28

Bromochloromethane

Concen: 59.744 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

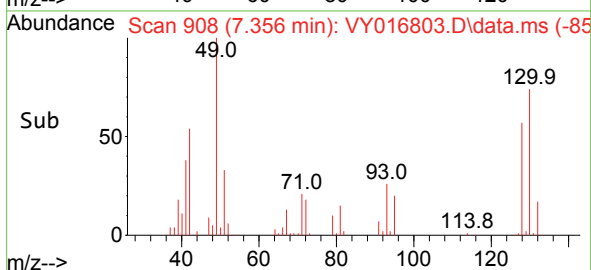
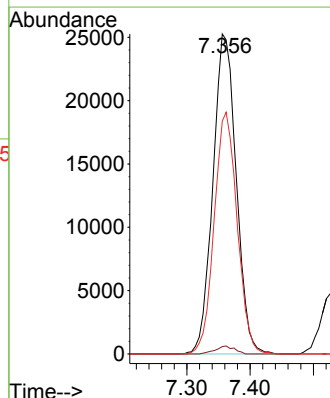
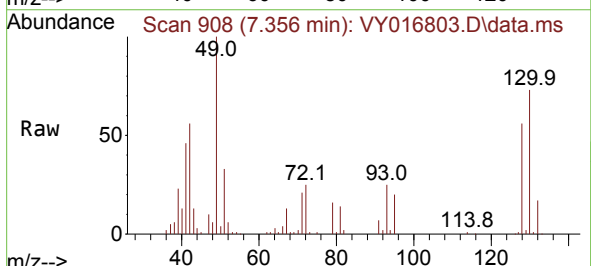
Tgt Ion: 49 Resp: 64617

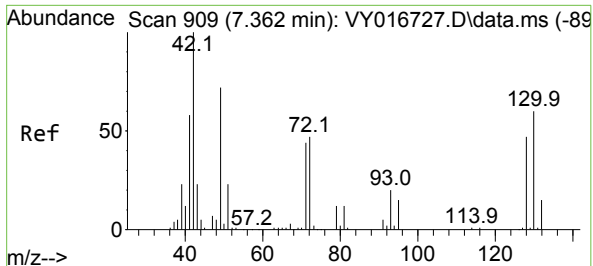
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 74.3 59.8 89.8





#29

Tetrahydrofuran

Concen: 277.078 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

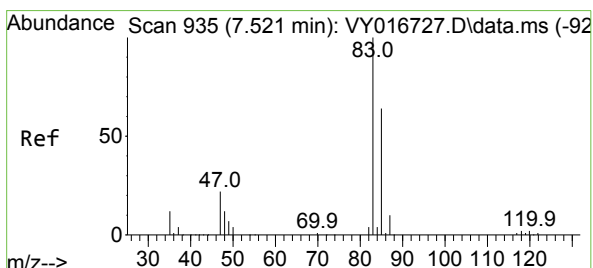
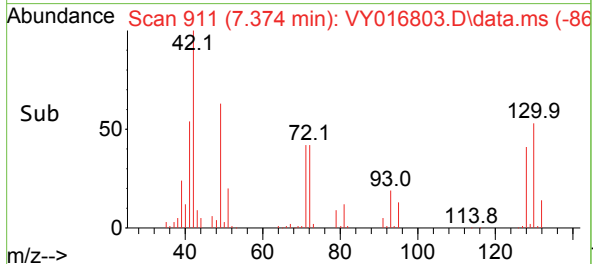
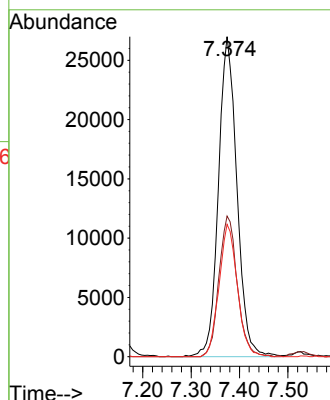
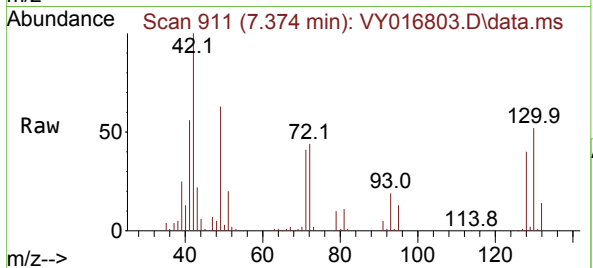
Tgt Ion: 42 Resp: 71605

Ion Ratio Lower Upper

42 100

72 43.7 36.6 54.8

71 41.0 33.8 50.6



#30

Chloroform

Concen: 54.019 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY016803.D

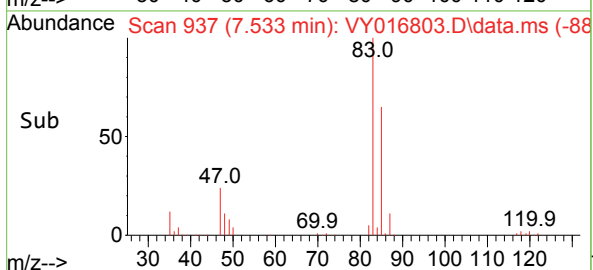
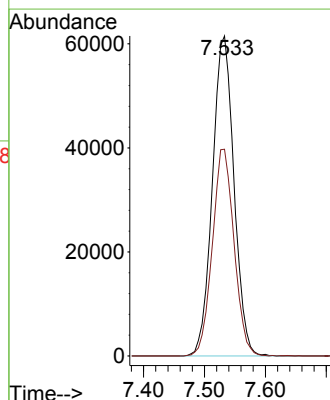
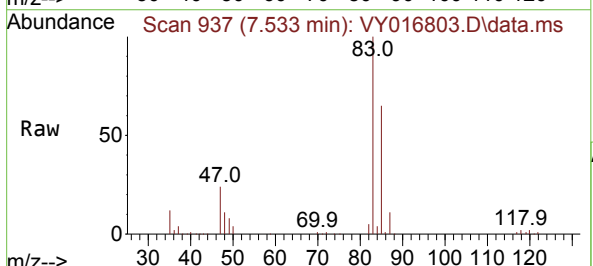
Acq: 22 Dec 2023 12:28

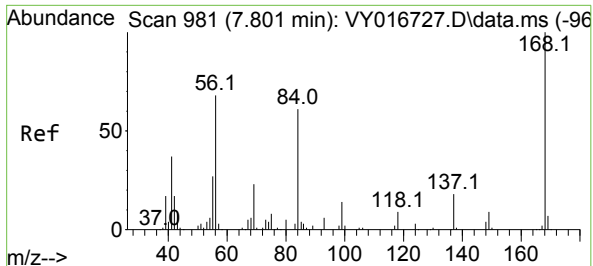
Tgt Ion: 83 Resp: 151115

Ion Ratio Lower Upper

83 100

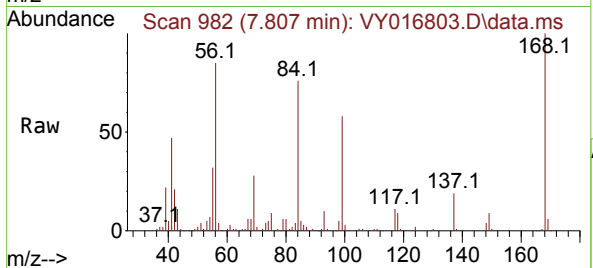
85 64.6 51.2 76.8



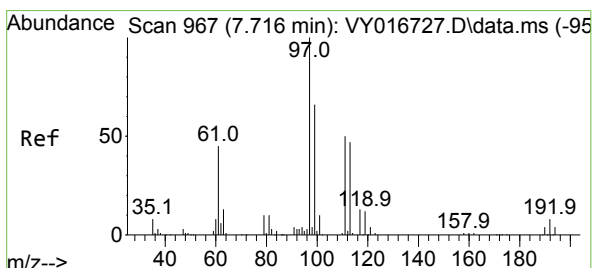
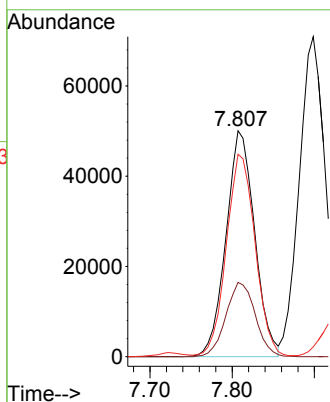
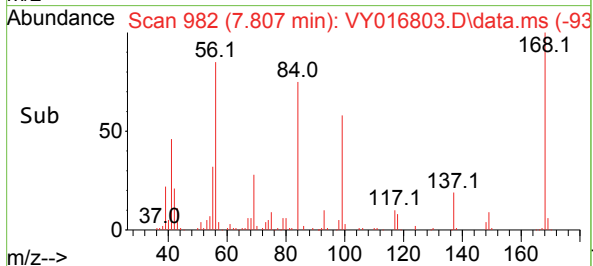


#31
Cyclohexane
Concen: 49.940 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

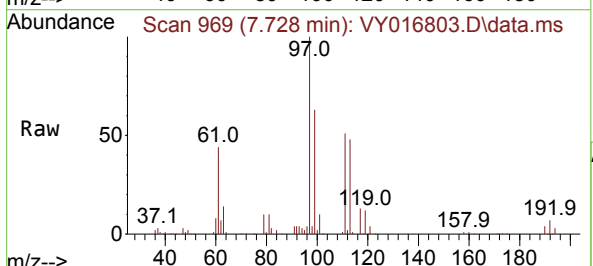
Instrument :
MSVOA_Y
ClientSampleId :



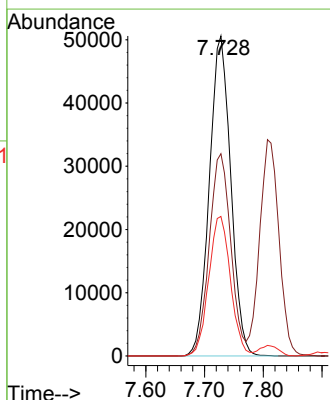
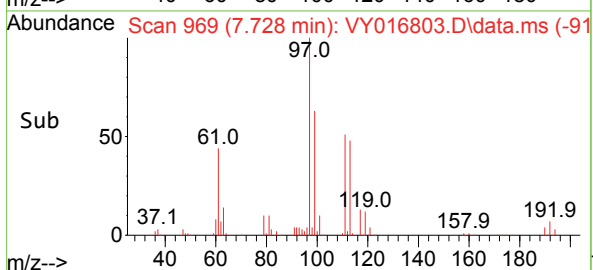
Tgt Ion: 56 Resp: 121463
Ion Ratio Lower Upper
56 100
69 32.9 27.0 40.6
84 88.2 71.8 107.6

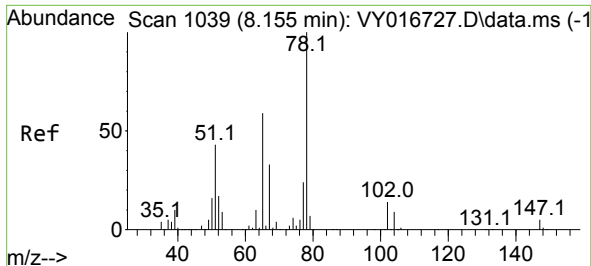


#32
1,1,1-Trichloroethane
Concen: 52.079 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28



Tgt Ion: 97 Resp: 127882
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 44.6 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 59.526 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

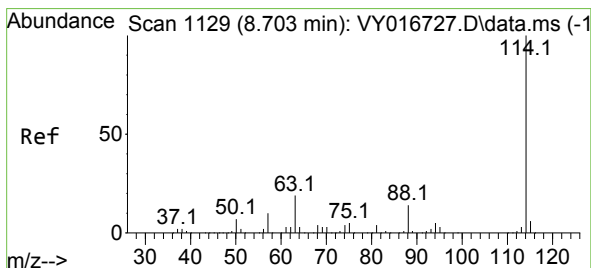
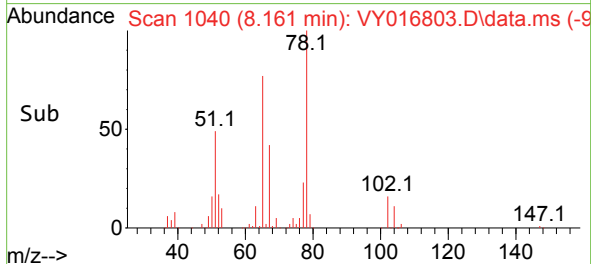
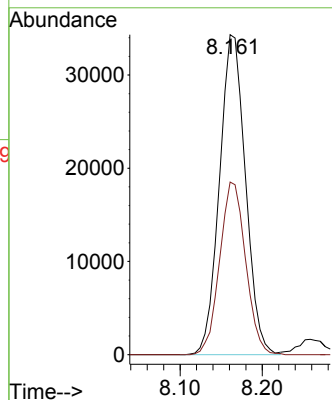
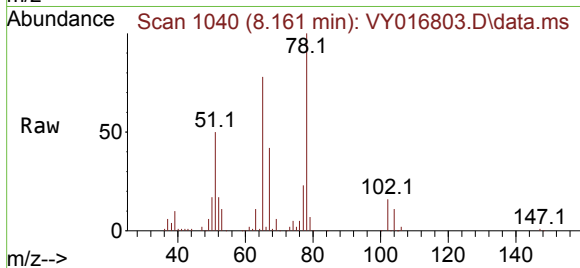
ClientSampleId :

Tgt Ion: 65 Resp: 75565

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

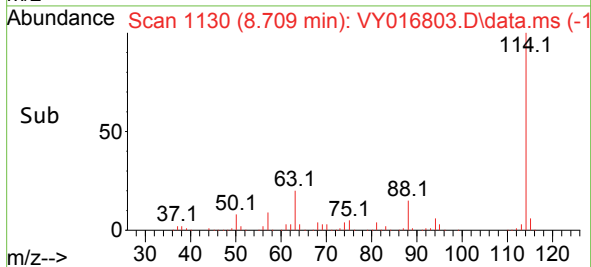
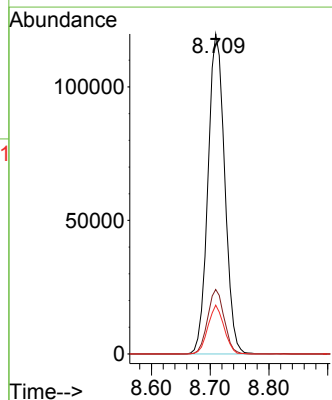
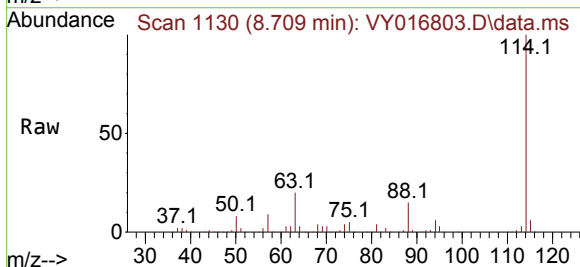
Tgt Ion: 114 Resp: 237237

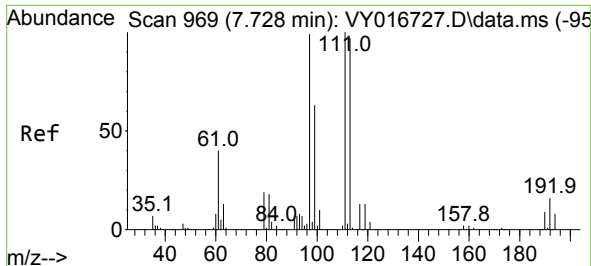
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 15.3 0.0 29.0

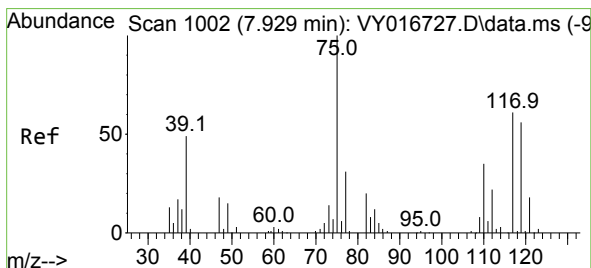
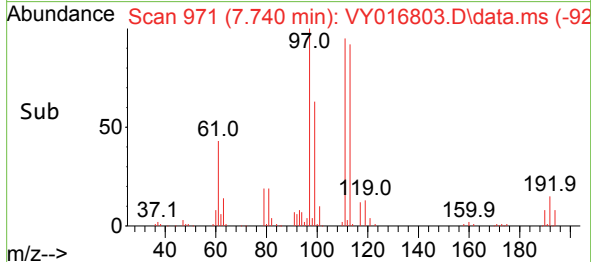
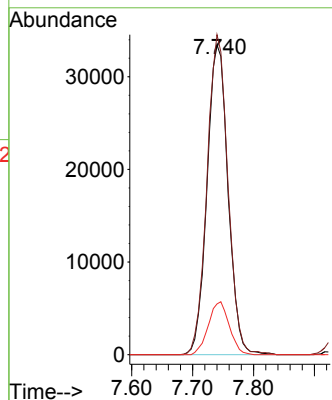
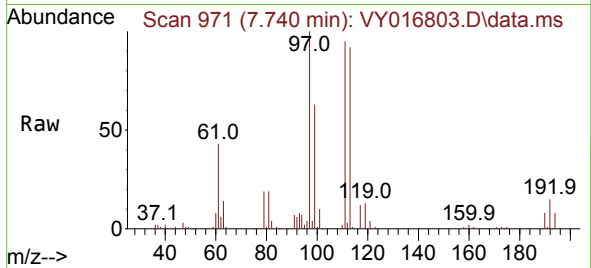




#35
Dibromofluoromethane
Concen: 58.906 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

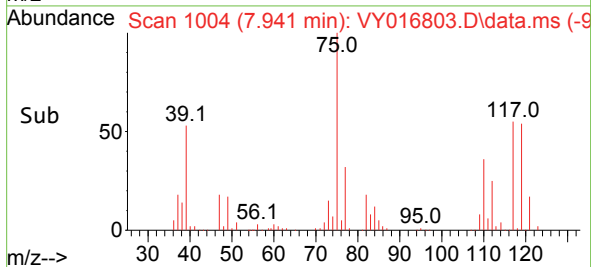
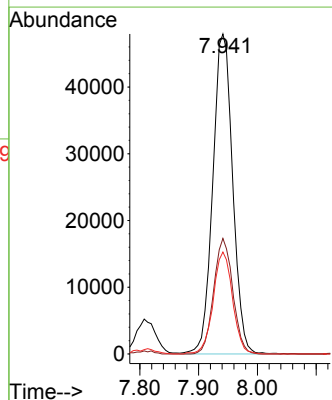
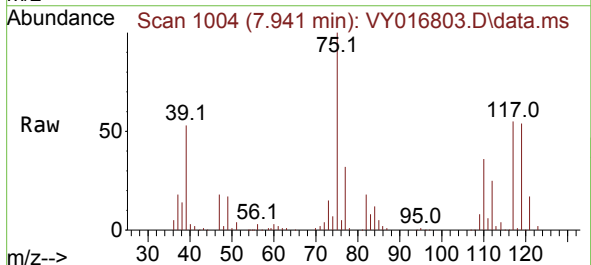
Instrument :
MSVOA_Y
ClientSampleId :

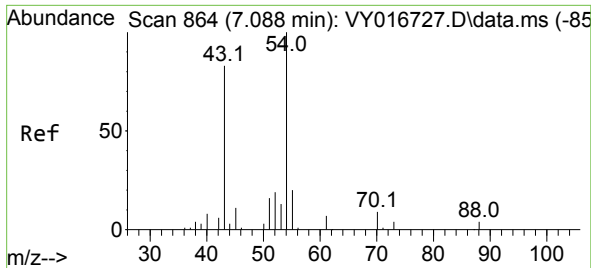
Tgt Ion:113 Resp: 80050
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 17.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 51.661 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

Tgt Ion: 75 Resp: 112549
Ion Ratio Lower Upper
75 100
110 34.6 17.4 52.3
77 31.1 24.7 37.1

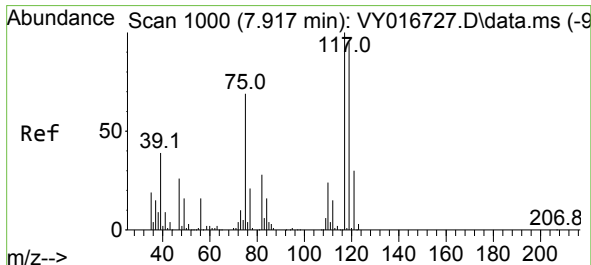
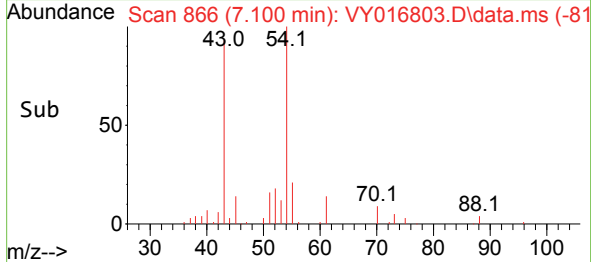
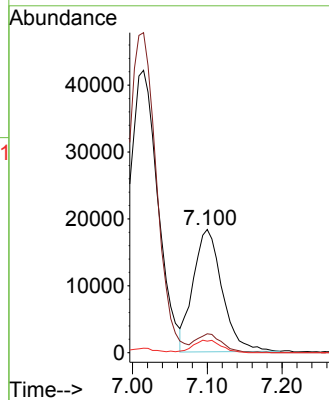
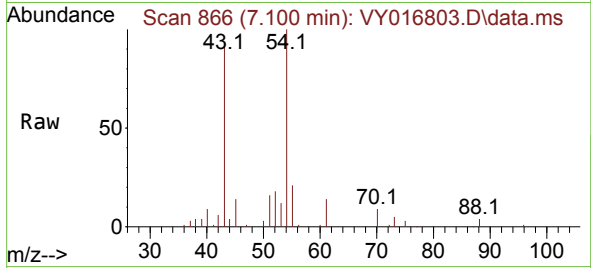




#37
Ethyl Acetate
Concen: 52.676 ug/l
RT: 7.100 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

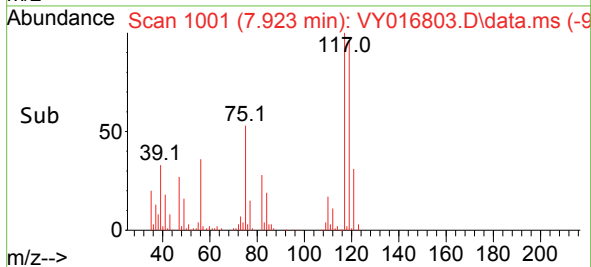
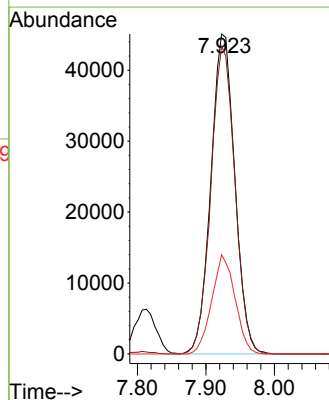
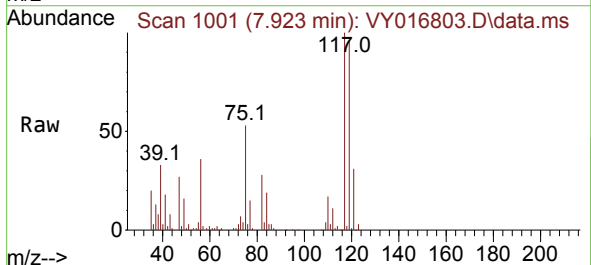
Instrument :
MSVOA_Y
ClientSampleId :

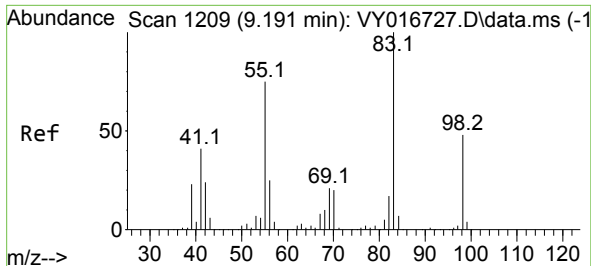
Tgt Ion: 43 Resp: 49189
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.6
70 9.8 8.1 12.1



#38
Carbon Tetrachloride
Concen: 50.843 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

Tgt Ion: 117 Resp: 109608
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0
121 31.0 24.2 36.2





#39

Methylcyclohexane

Concen: 52.879 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

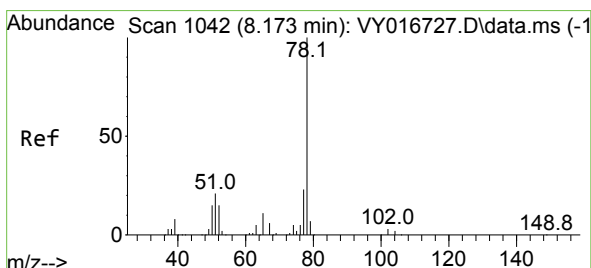
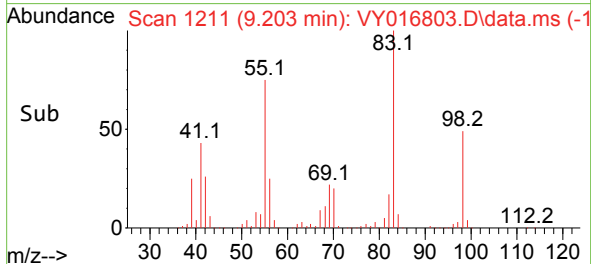
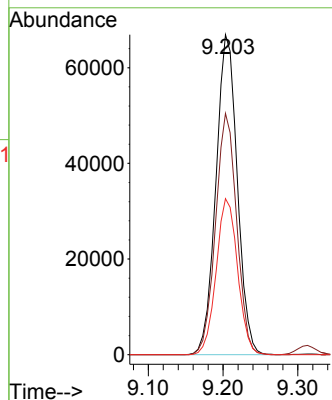
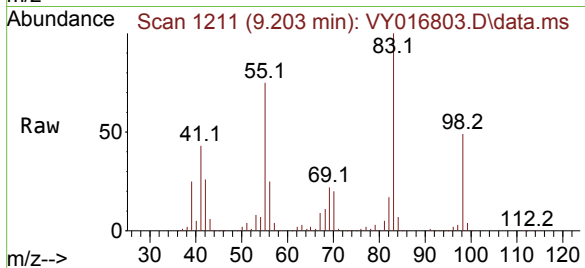
Tgt Ion: 83 Resp: 133011

Ion Ratio Lower Upper

83 100

55 75.4 59.7 89.5

98 48.8 38.0 57.0



#40

Benzene

Concen: 53.565 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY016803.D

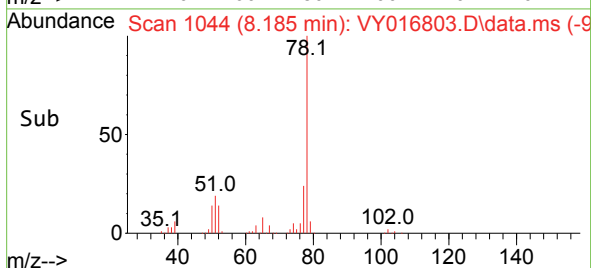
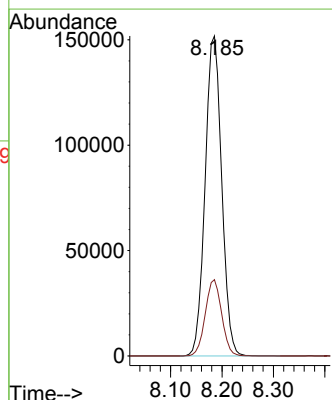
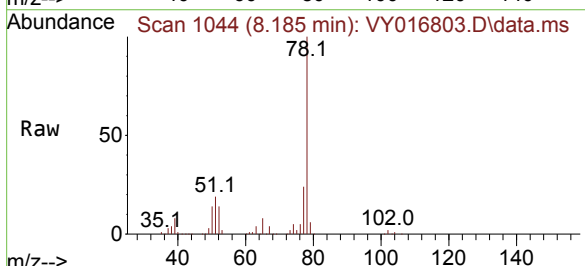
Acq: 22 Dec 2023 12:28

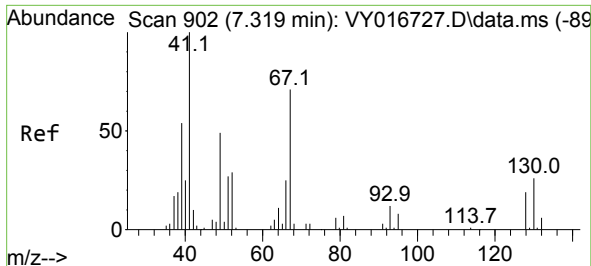
Tgt Ion: 78 Resp: 339594

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2

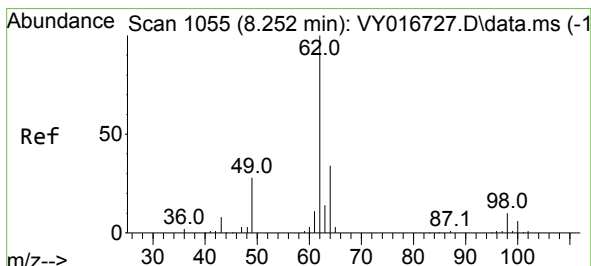
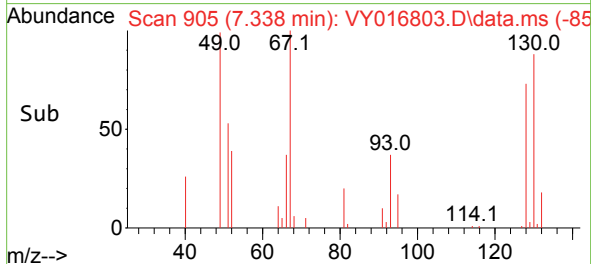
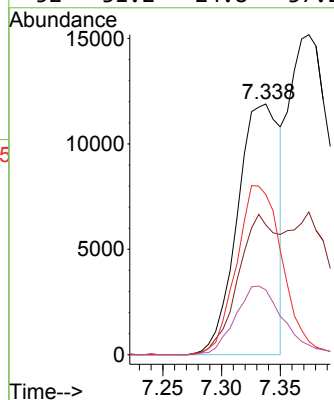
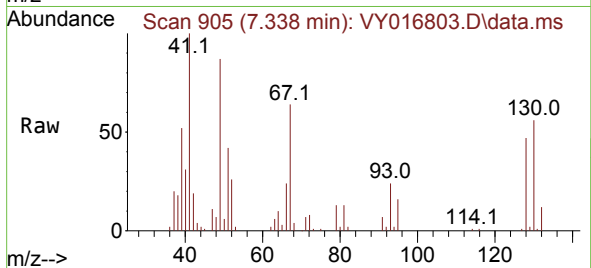




#41
Methacrylonitrile
Concen: 60.079 ug/l
RT: 7.338 min Scan# 902
Delta R.T. 0.018 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

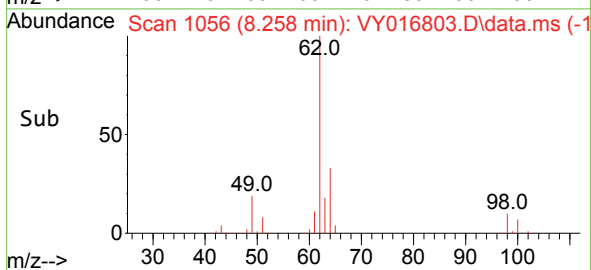
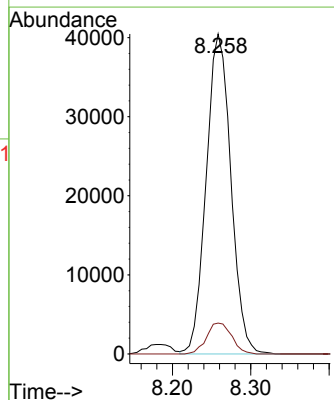
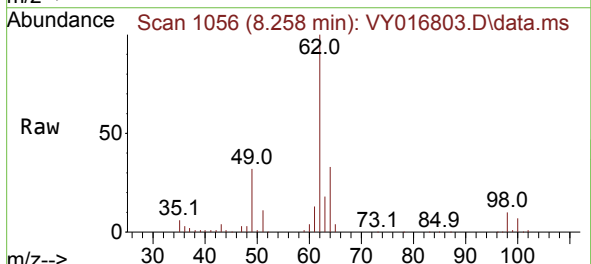
Instrument :
MSVOA_Y
ClientSampleId :

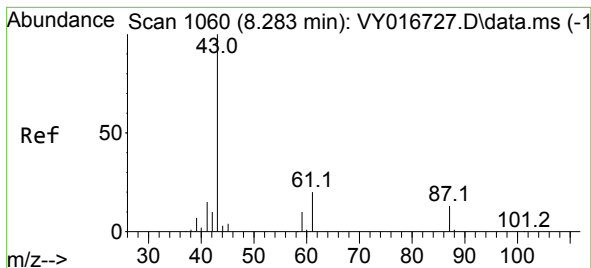
Tgt Ion:	41	Resp:	29787
Ion	Ratio	Lower	Upper
41	100		
39	53.1	41.9	62.9
67	73.9	59.8	89.6
52	31.2	24.8	37.2



#42
1,2-Dichloroethane
Concen: 53.632 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

Tgt Ion:	62	Resp:	88709
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.2





#43

Isopropyl Acetate

Concen: 53.012 ug/l

RT: 8.295 min Scan# 1106

Delta R.T. 0.012 min

Lab File: VY016803.D

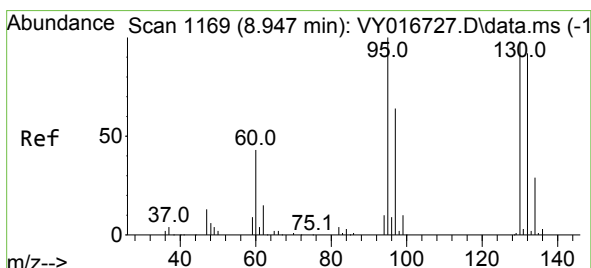
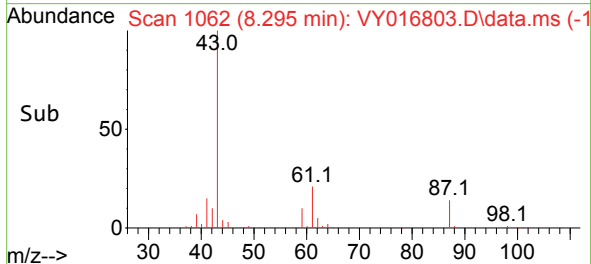
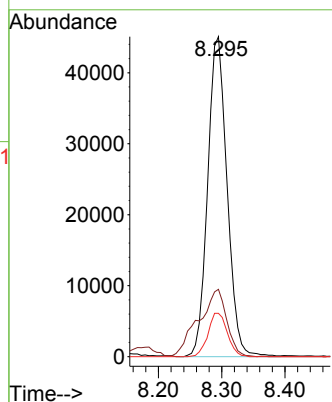
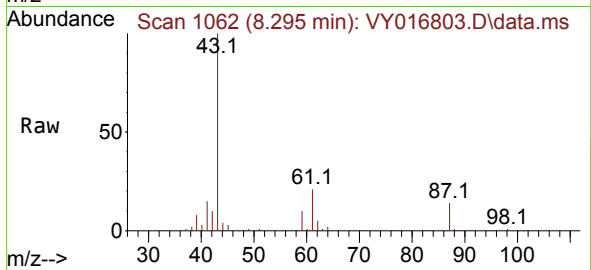
Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	96146
Ion	Ratio	Lower	Upper
43	100		
61	30.5	24.8	37.2
87	13.6	10.7	16.1



#44

Trichloroethene

Concen: 51.808 ug/l

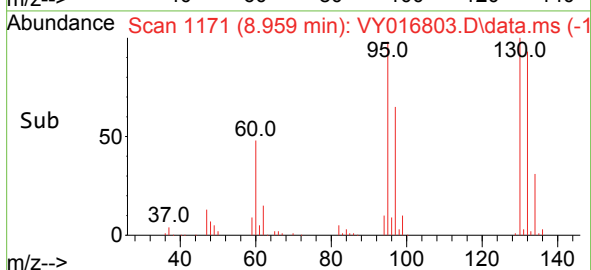
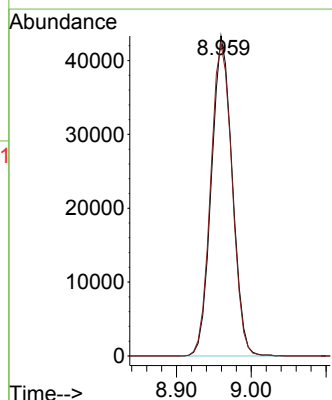
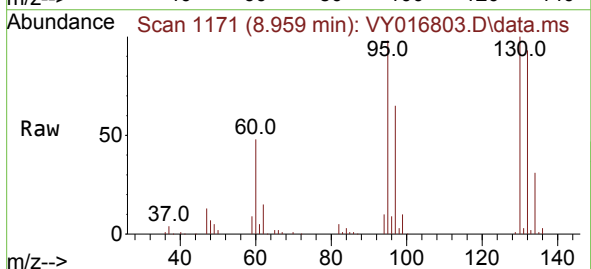
RT: 8.959 min Scan# 1171

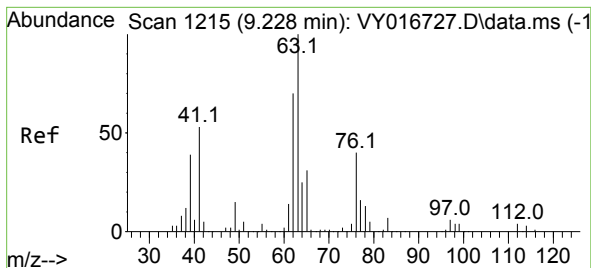
Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Tgt Ion:	130	Resp:	83832
Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	203.8





#45

1,2-Dichloropropane

Concen: 54.350 ug/l

RT: 9.234 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

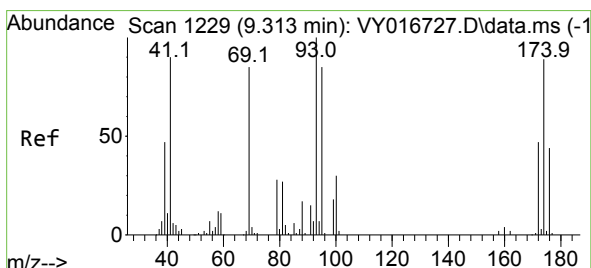
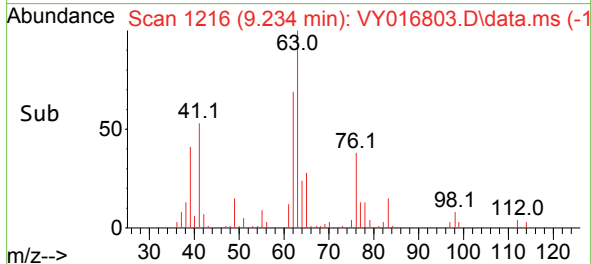
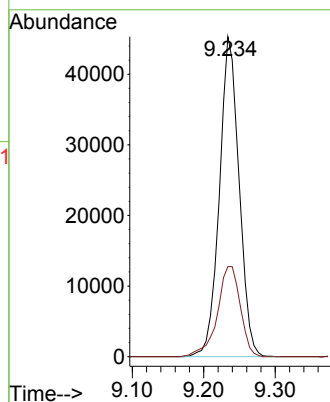
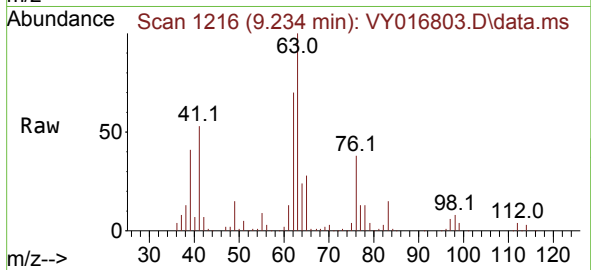
ClientSampleId :

Tgt Ion: 63 Resp: 86434

Ion Ratio Lower Upper

63 100

65 28.2 24.6 36.8



#46

Dibromomethane

Concen: 52.861 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

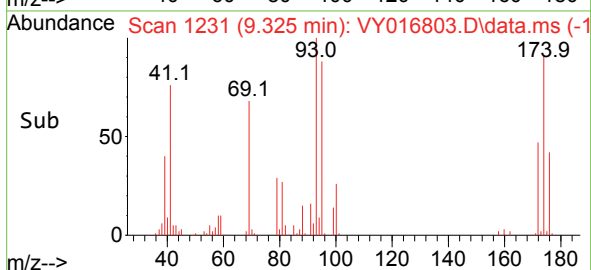
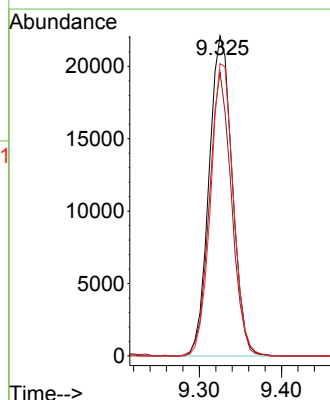
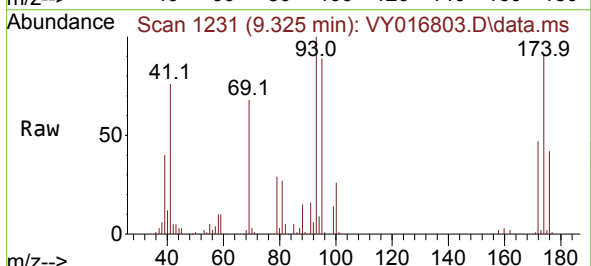
Tgt Ion: 93 Resp: 43429

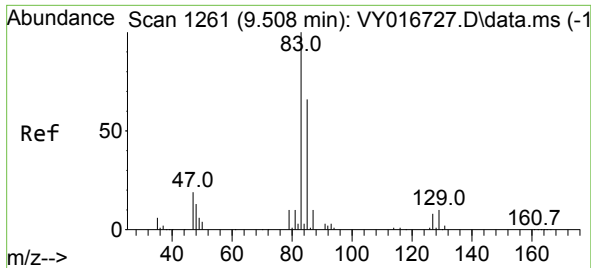
Ion Ratio Lower Upper

93 100

95 84.4 66.6 99.8

174 89.5 73.8 110.6

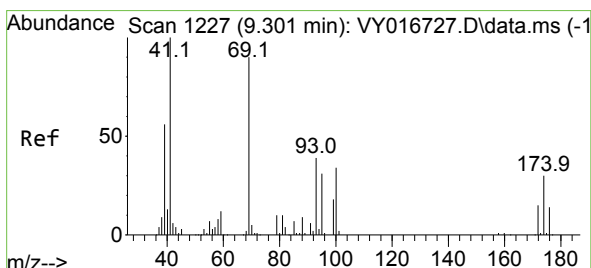
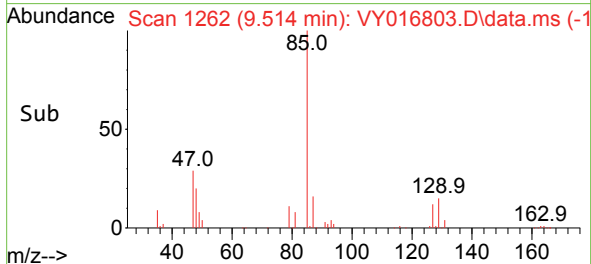
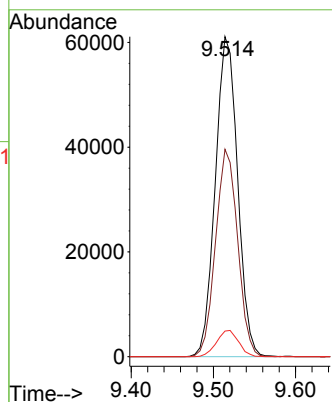
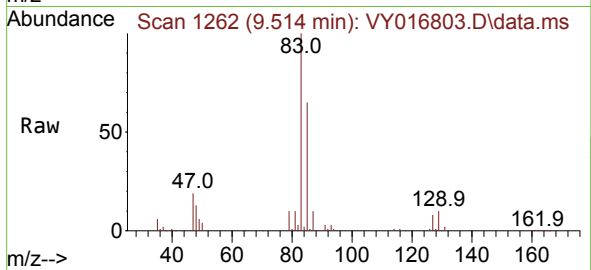




#47
Bromodichloromethane
Concen: 53.218 ug/l
RT: 9.514 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

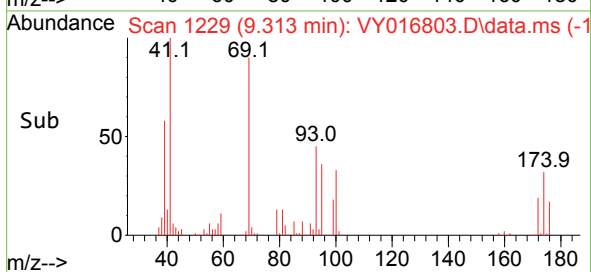
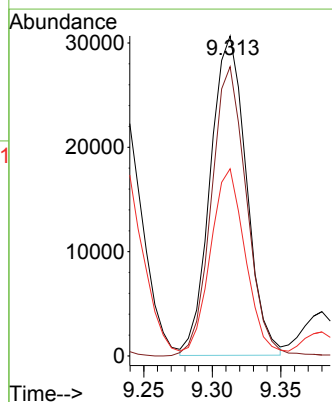
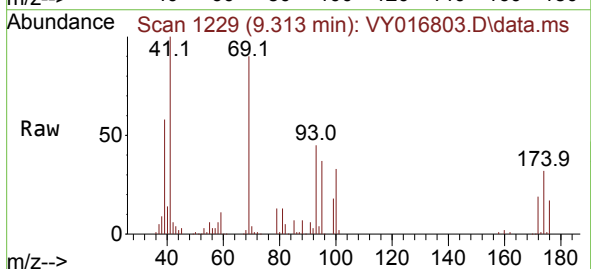
Instrument :
MSVOA_Y
ClientSampleId :

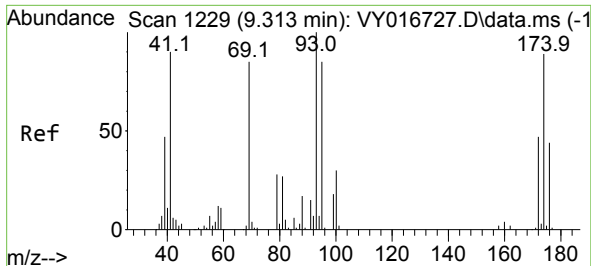
Tgt Ion: 83 Resp: 115238
Ion Ratio Lower Upper
83 100
85 64.8 53.2 79.8
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 55.524 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

Tgt Ion: 41 Resp: 55967
Ion Ratio Lower Upper
41 100
69 88.6 72.1 108.1
39 54.3 42.8 64.2





#49

1,4-Dioxane

Concen: 1034.982 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

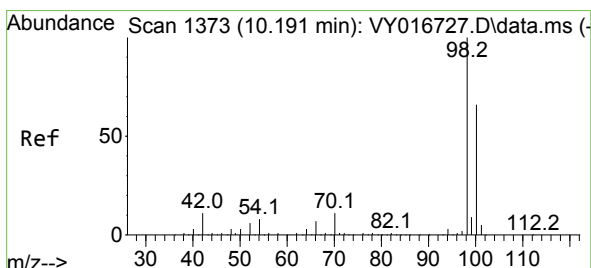
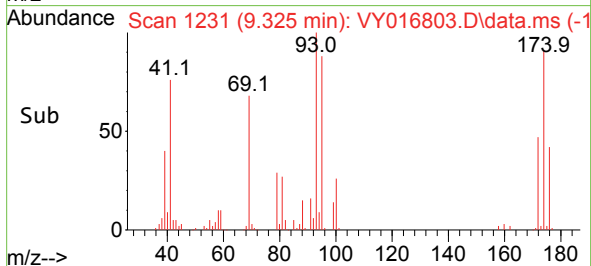
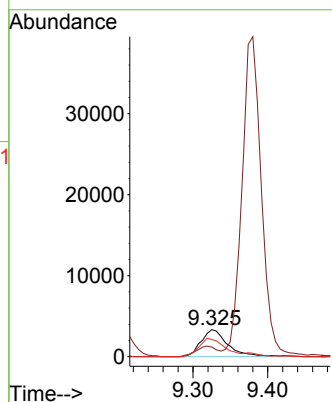
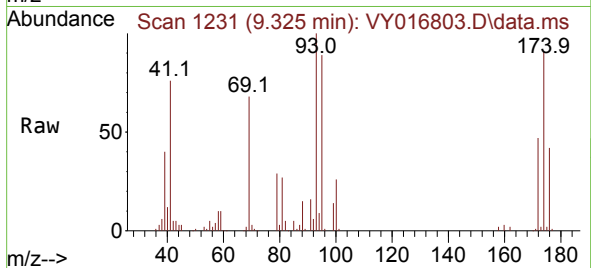
Tgt Ion: 88 Resp: 8253

Ion Ratio Lower Upper

88 100

43 31.5 28.2 42.4

58 65.8 52.2 78.2



#50

Toluene-d8

Concen: 60.081 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016803.D

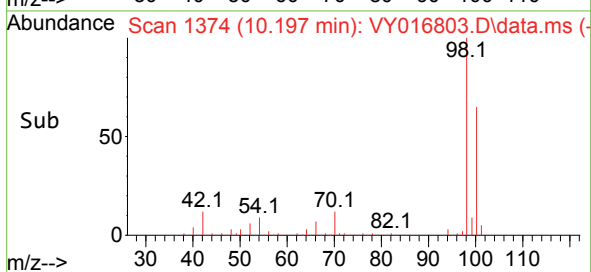
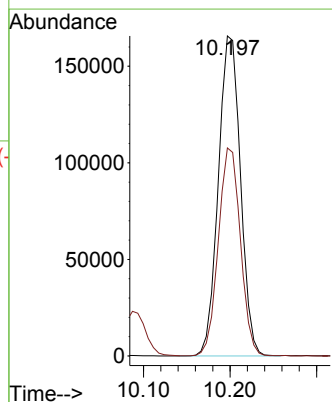
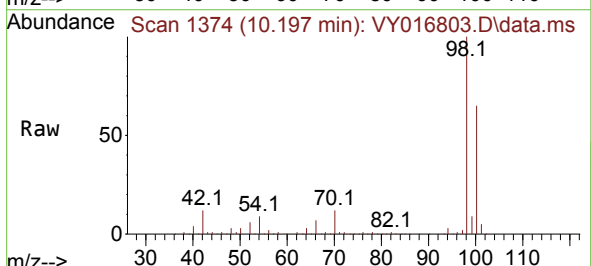
Acq: 22 Dec 2023 12:28

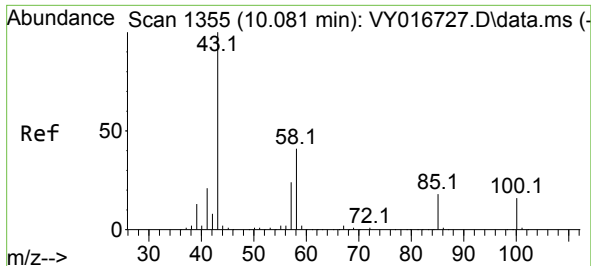
Tgt Ion: 98 Resp: 294329

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 274.917 ug/l

RT: 10.087 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

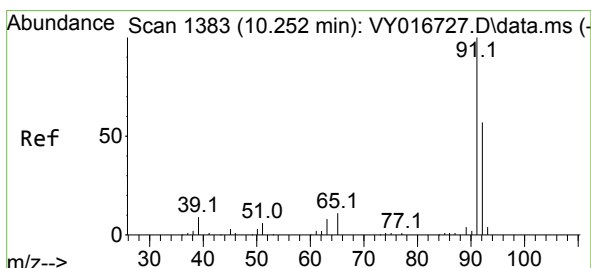
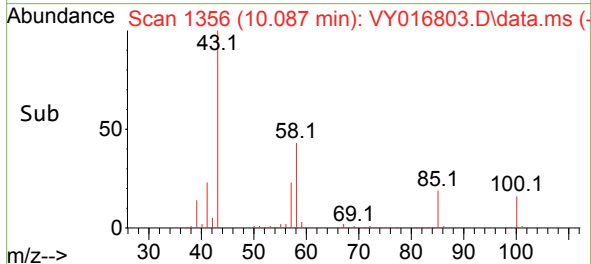
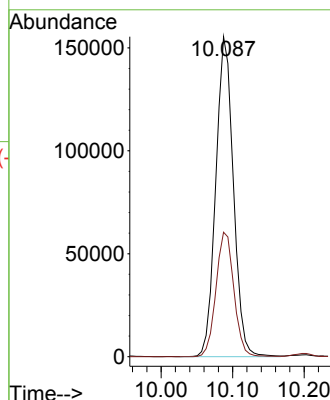
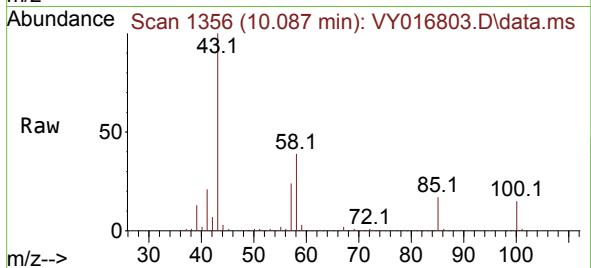
ClientSampleId :

Tgt Ion: 43 Resp: 265662

Ion Ratio Lower Upper

43 100

58 39.6 32.2 48.2



#52

Toluene

Concen: 54.281 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VY016803.D

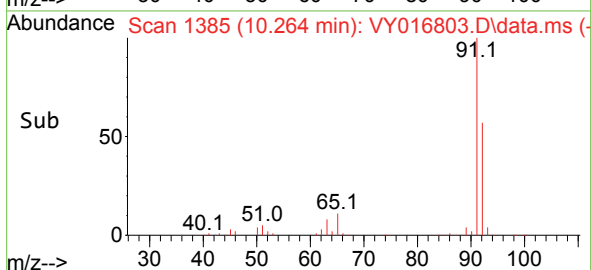
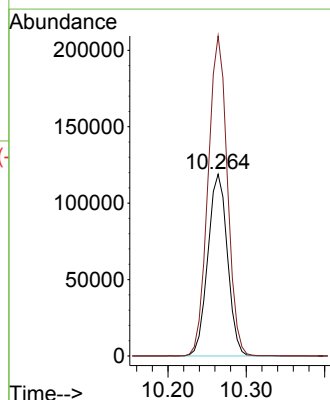
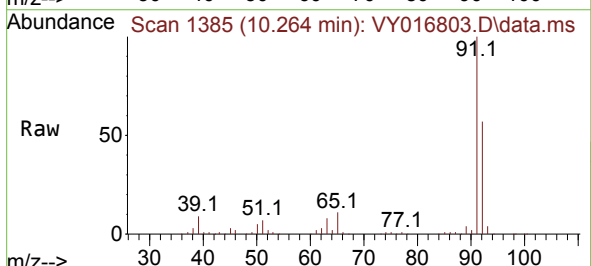
Acq: 22 Dec 2023 12:28

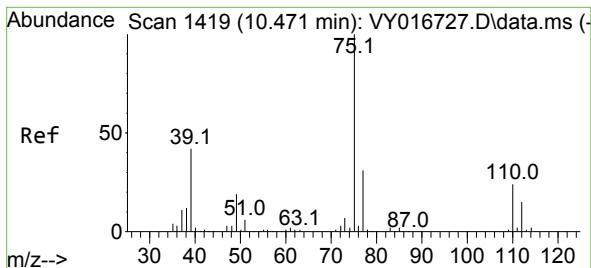
Tgt Ion: 92 Resp: 206227

Ion Ratio Lower Upper

92 100

91 173.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 54.049 ug/l

RT: 10.483 min Scan# 1419

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

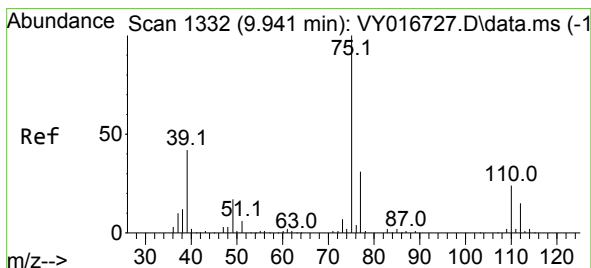
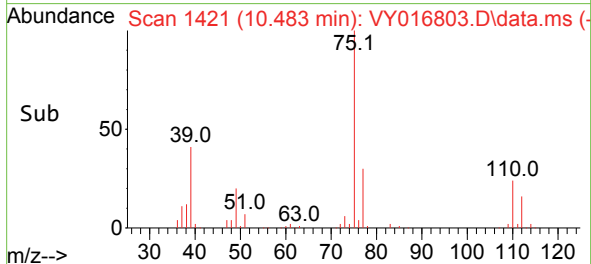
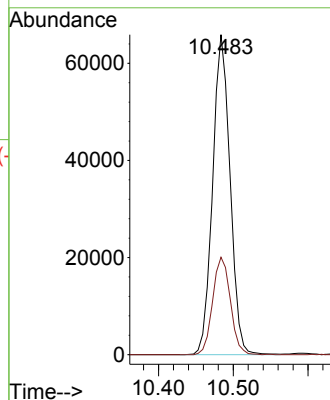
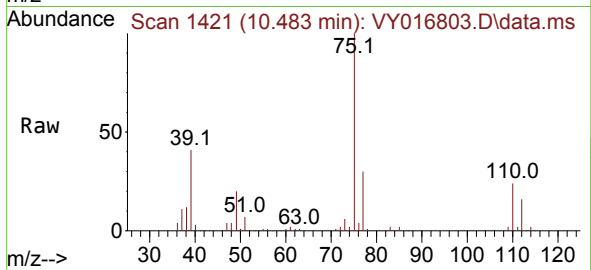
ClientSampleId :

Tgt Ion: 75 Resp: 106719

Ion Ratio Lower Upper

75 100

77 30.4 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 53.846 ug/l

RT: 9.947 min Scan# 1333

Delta R.T. 0.006 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

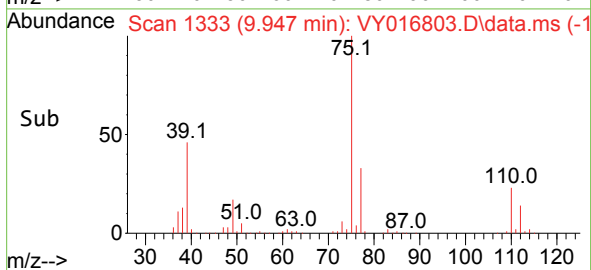
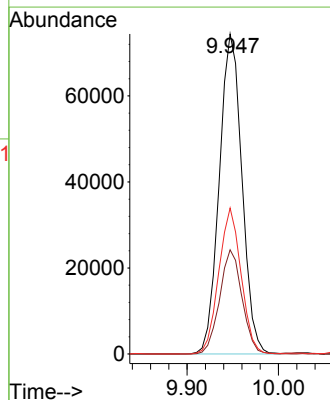
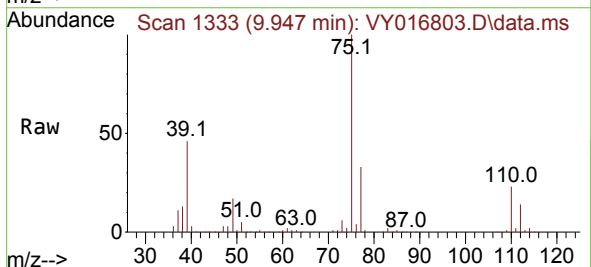
Tgt Ion: 75 Resp: 128242

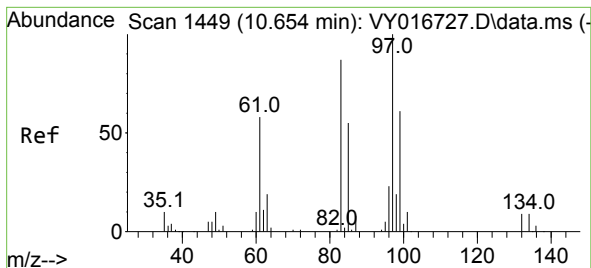
Ion Ratio Lower Upper

75 100

77 32.5 24.6 36.8

39 45.6 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 52.826 ug/l

RT: 10.666 min Scan# 1449

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 61921

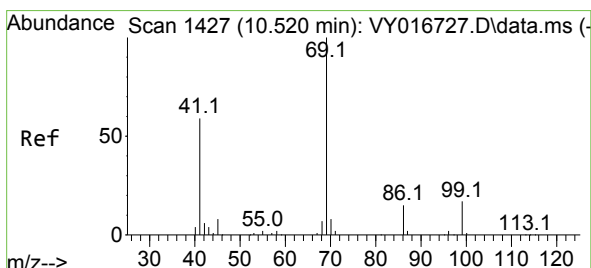
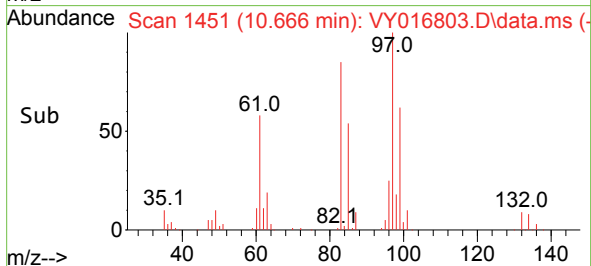
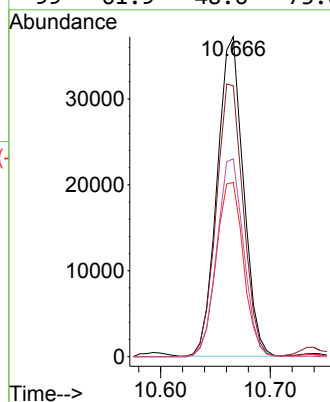
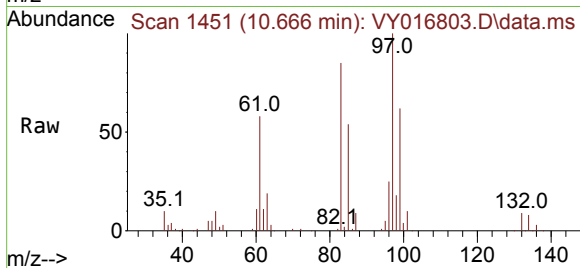
Ion Ratio Lower Upper

97 100

83 84.8 69.4 104.2

85 54.5 43.9 65.9

99 61.9 48.6 73.0



#56

Ethyl methacrylate

Concen: 54.145 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

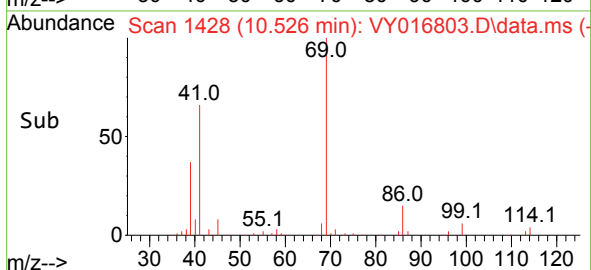
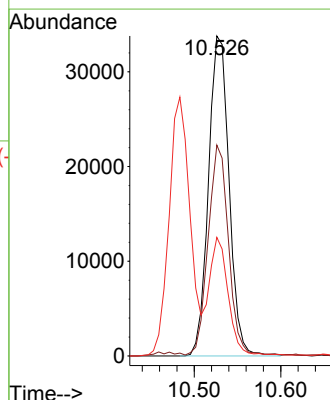
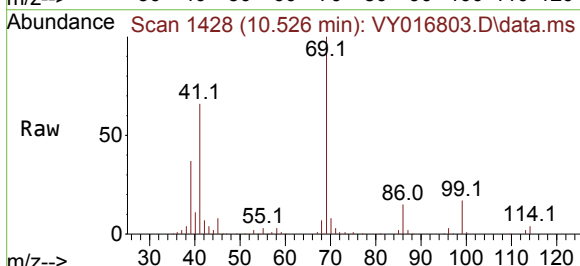
Tgt Ion: 69 Resp: 55809

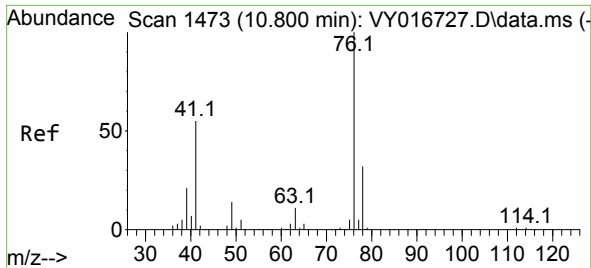
Ion Ratio Lower Upper

69 100

41 64.5 49.2 73.8

39 34.4 26.8 40.2

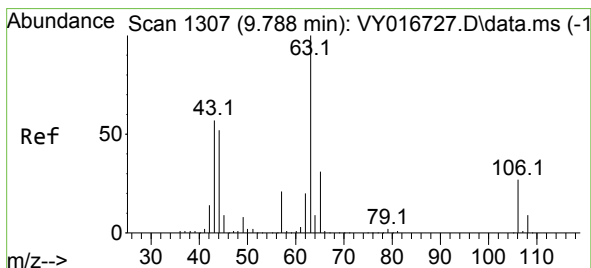
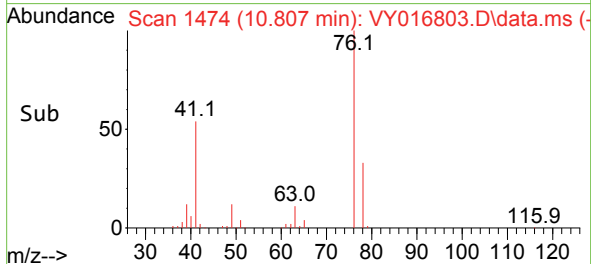
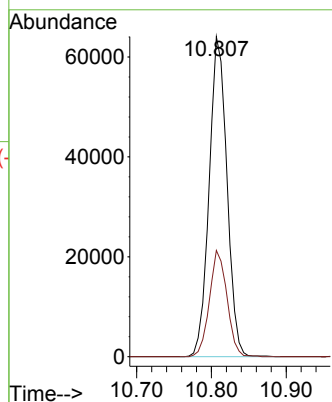
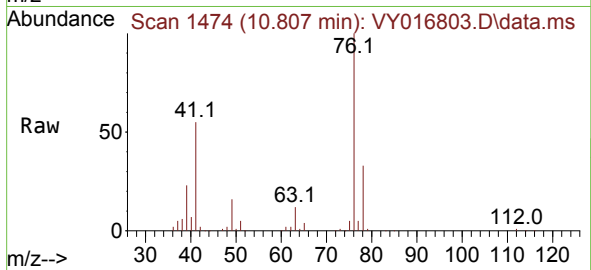




#57
1,3-Dichloropropane
Concen: 53.331 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.007 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

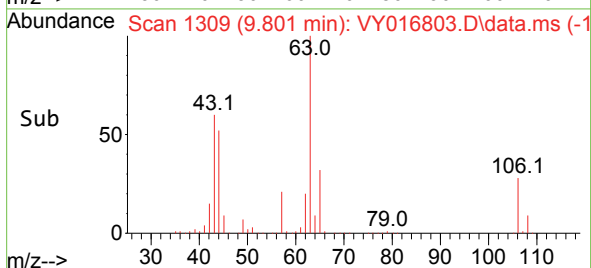
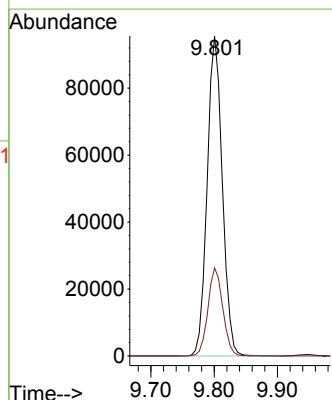
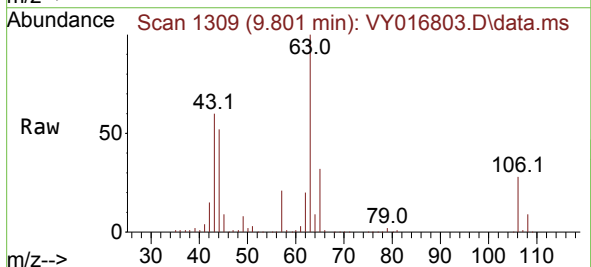
Instrument :
MSVOA_Y
ClientSampleId :

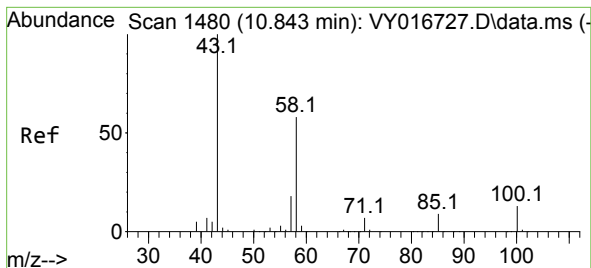
Tgt Ion: 76 Resp: 106182
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 286.658 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.013 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

Tgt Ion: 63 Resp: 158949
Ion Ratio Lower Upper
63 100
106 27.0 22.4 33.6

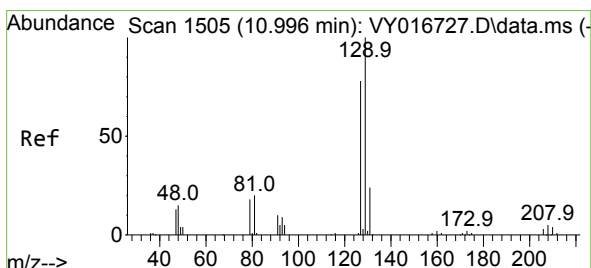
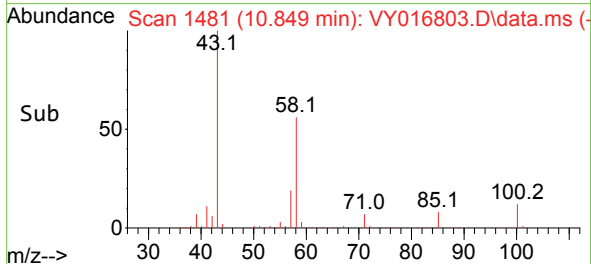
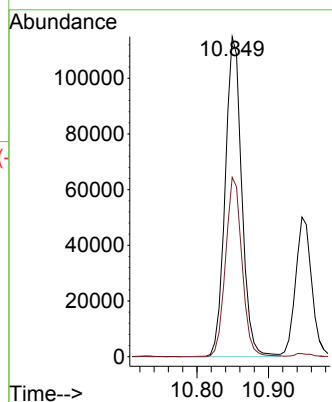
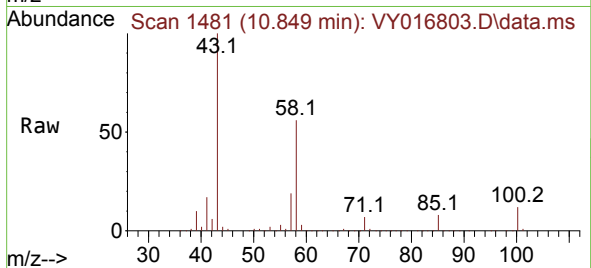




#59
2-Hexanone
Concen: 256.437 ug/l
RT: 10.849 min Scan# 1481
Delta R.T. 0.006 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

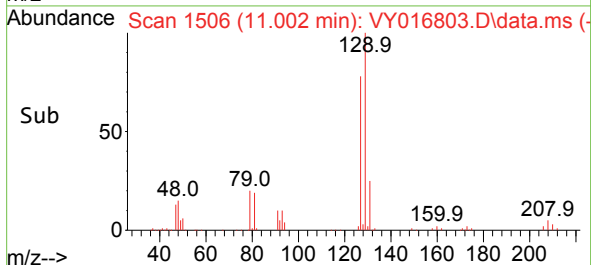
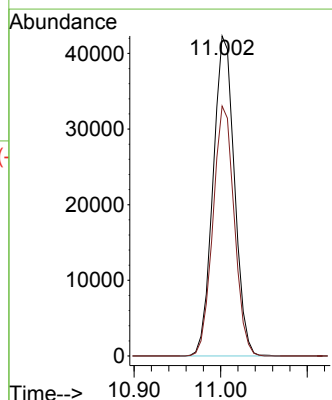
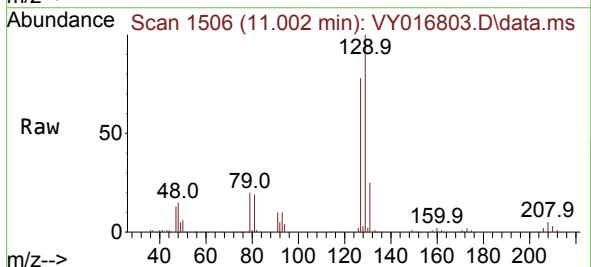
Instrument :
MSVOA_Y
ClientSampleId :

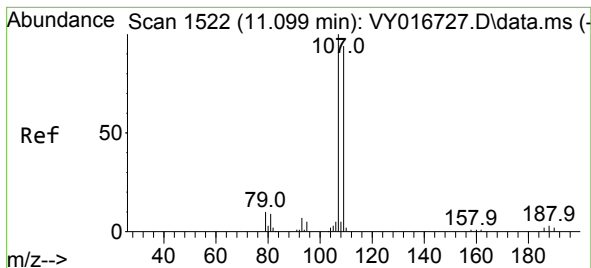
Tgt Ion: 43 Resp: 184777
Ion Ratio Lower Upper
43 100
58 55.6 28.1 84.3



#60
Dibromochloromethane
Concen: 53.455 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

Tgt Ion:129 Resp: 72484
Ion Ratio Lower Upper
129 100
127 77.8 39.2 117.6

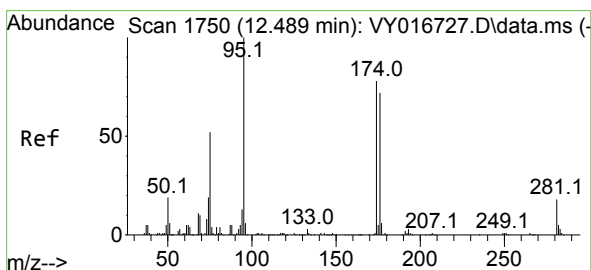
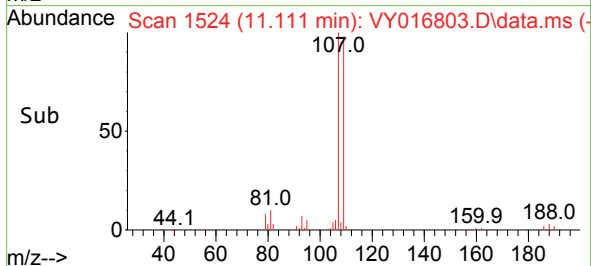
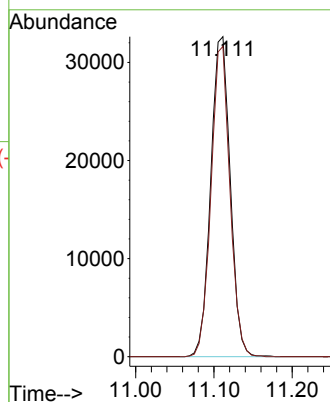
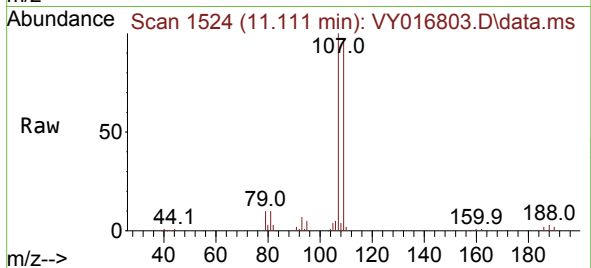




#61
1,2-Dibromoethane
Concen: 53.562 ug/l
RT: 11.111 min Scan# 1524
Delta R.T. 0.012 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

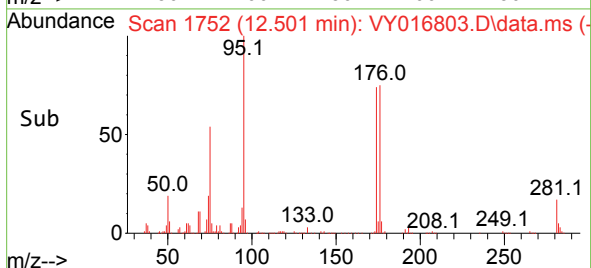
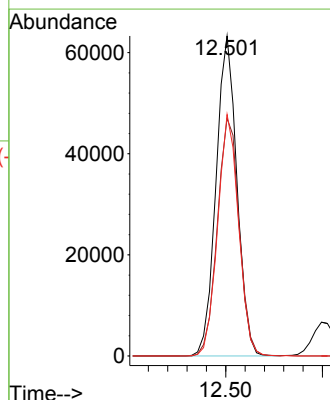
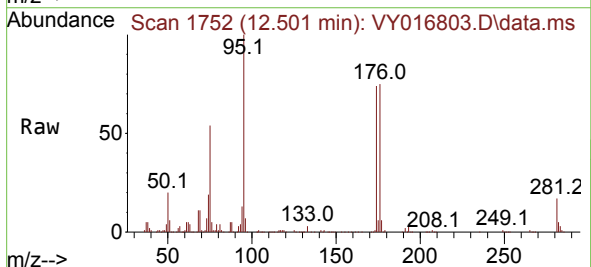
Instrument :
MSVOA_Y
ClientSampleId :

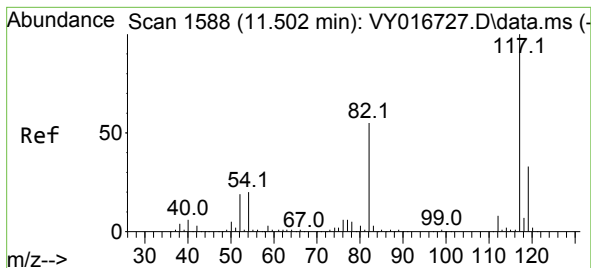
Tgt Ion:107 Resp: 56305
Ion Ratio Lower Upper
107 100
109 94.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 59.618 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

Tgt Ion: 95 Resp: 94754
Ion Ratio Lower Upper
95 100
174 77.7 0.0 160.0
176 75.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

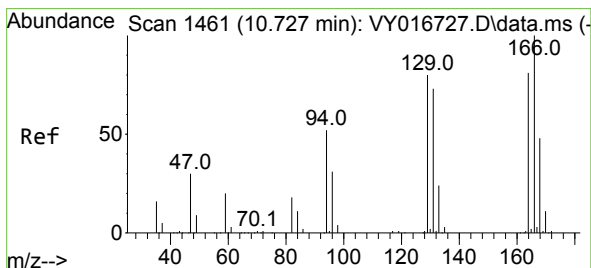
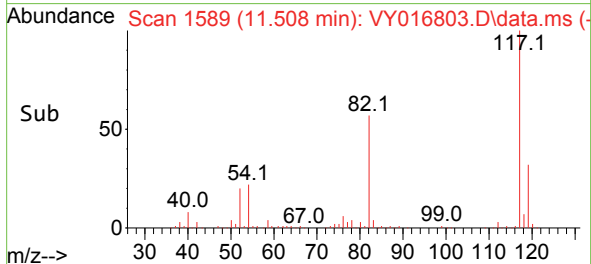
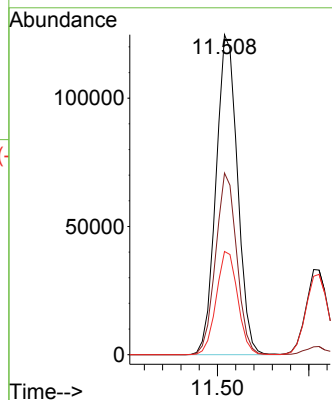
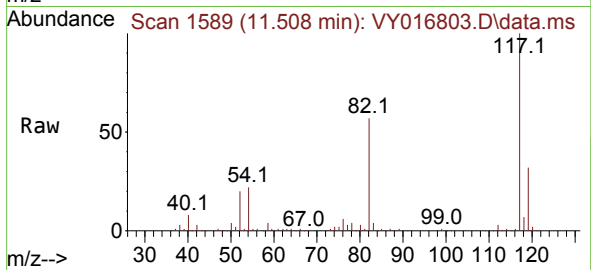
Tgt Ion:117 Resp: 204072

Ion Ratio Lower Upper

117 100

82 56.7 43.8 65.8

119 32.2 26.5 39.7



#64

Tetrachloroethene

Concen: 51.300 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Tgt Ion:164 Resp: 65032

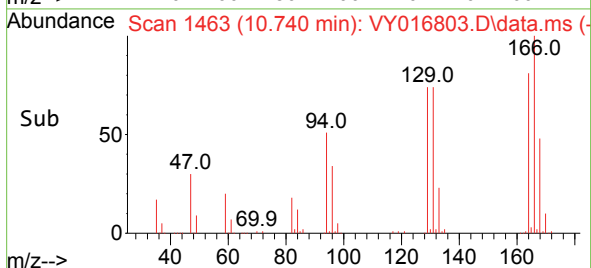
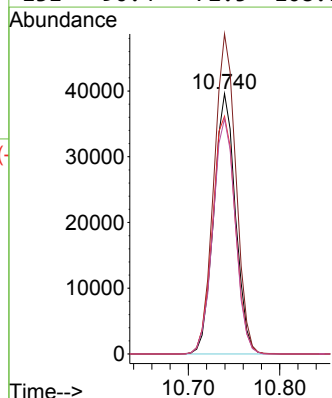
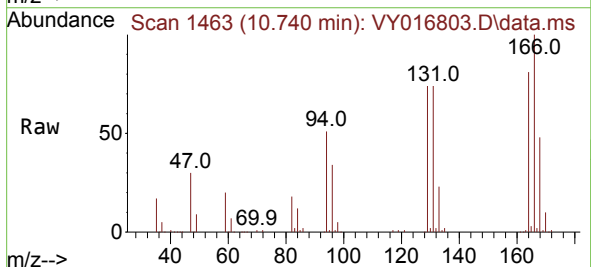
Ion Ratio Lower Upper

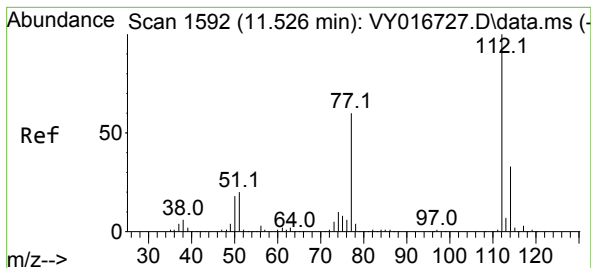
164 100

166 122.9 98.8 148.2

129 91.3 78.9 118.3

131 90.4 72.5 108.7





#65

Chlorobenzene

Concen: 52.771 ug/l

RT: 11.538 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

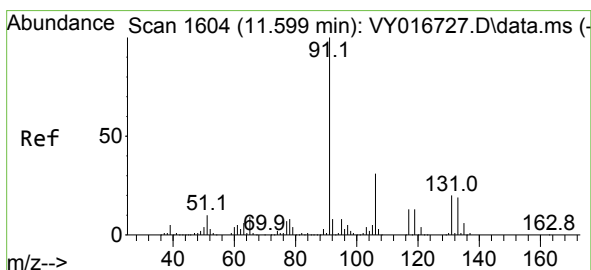
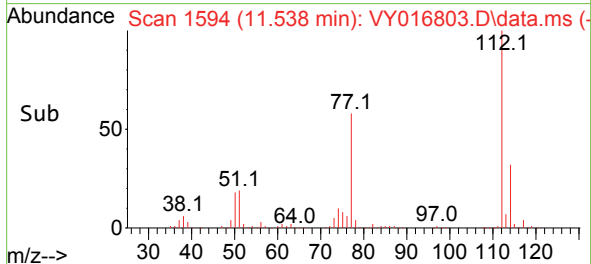
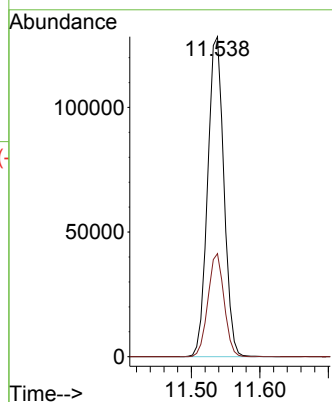
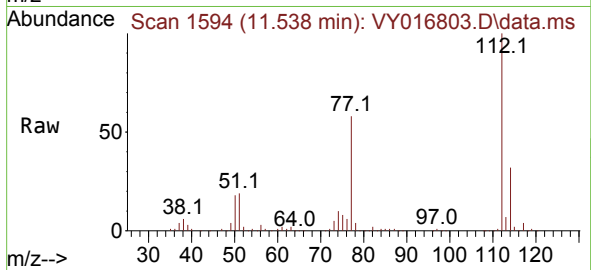
ClientSampleId :

Tgt Ion:112 Resp: 211582

Ion Ratio Lower Upper

112 100

114 32.2 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 51.943 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

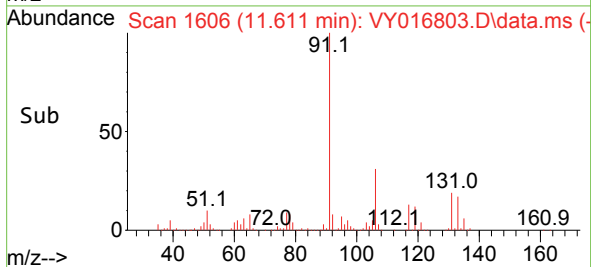
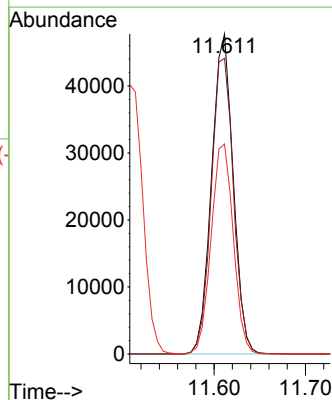
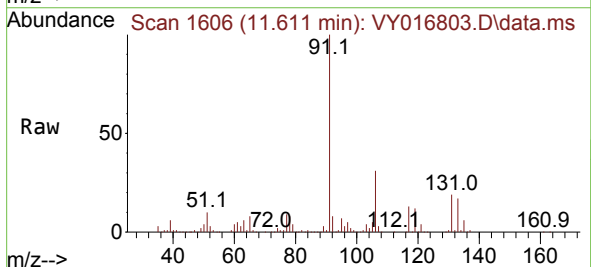
Tgt Ion:131 Resp: 78359

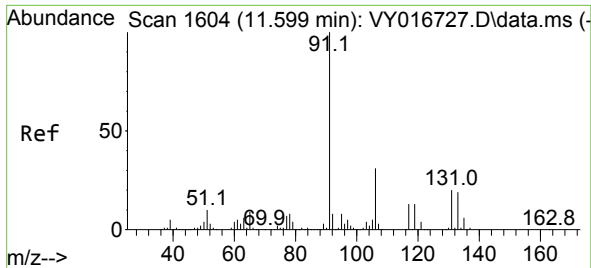
Ion Ratio Lower Upper

131 100

133 95.0 47.0 141.0

119 67.5 33.3 99.9

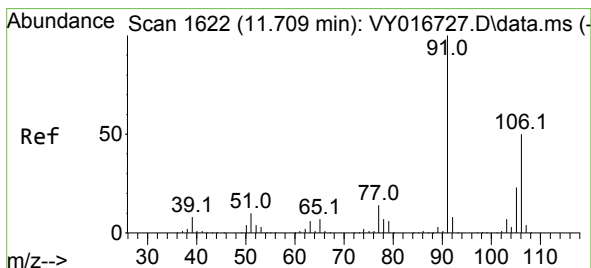
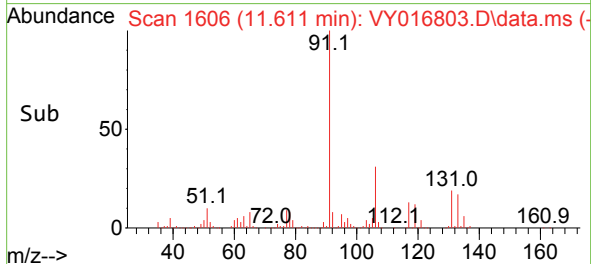
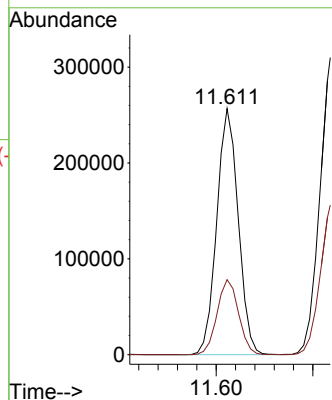
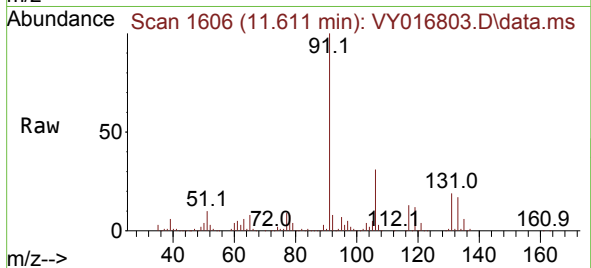




#67
Ethyl Benzene
Concen: 53.506 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

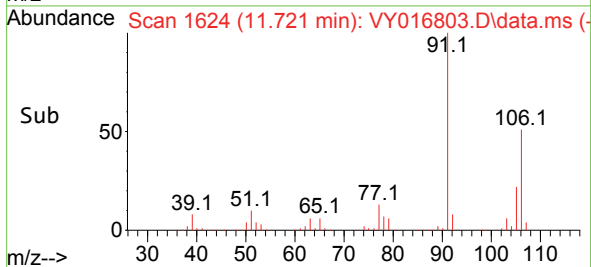
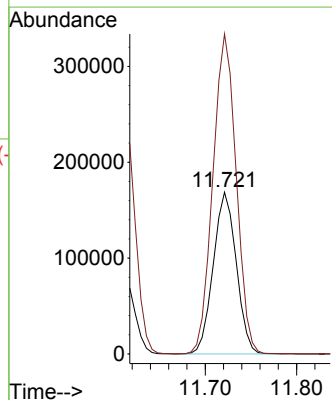
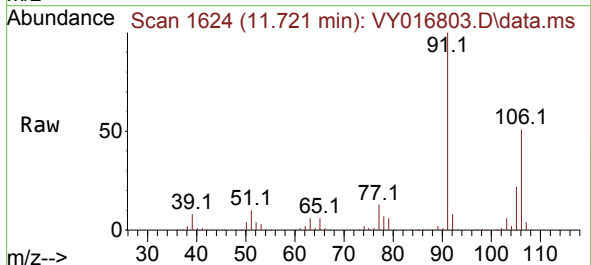
Instrument :
MSVOA_Y
ClientSampleId :

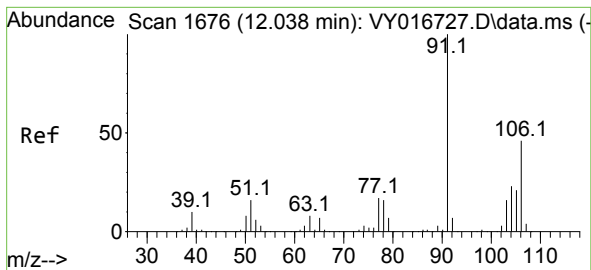
Tgt Ion: 91 Resp: 394862
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.4



#68
m/p-Xylenes
Concen: 108.242 ug/l
RT: 11.721 min Scan# 1624
Delta R.T. 0.012 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

Tgt Ion:106 Resp: 294975
Ion Ratio Lower Upper
106 100
91 200.5 160.7 241.1





#69

o-Xylene

Concen: 54.156 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

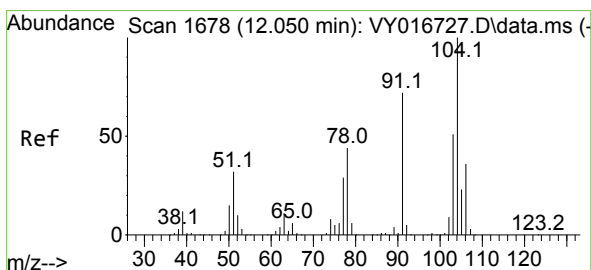
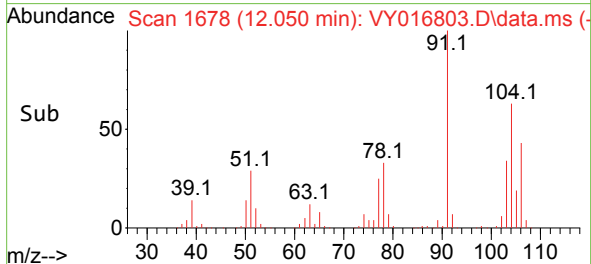
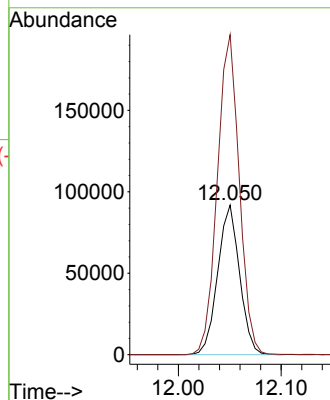
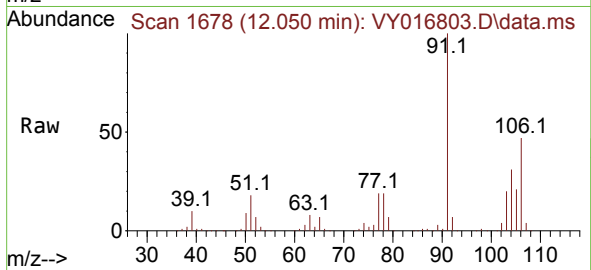
ClientSampleId :

Tgt Ion:106 Resp: 135393

Ion Ratio Lower Upper

106 100

91 215.1 106.5 319.5



#70

Styrene

Concen: 54.669 ug/l

RT: 12.062 min Scan# 1680

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

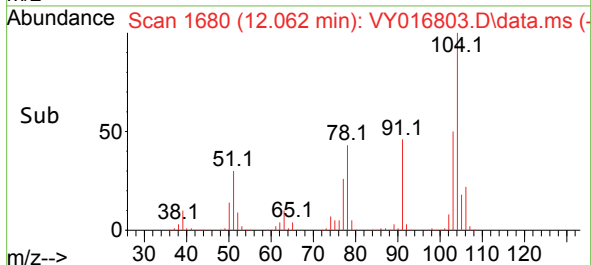
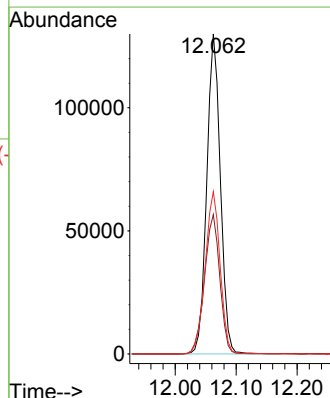
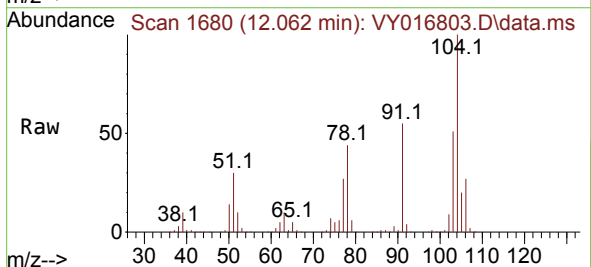
Tgt Ion:104 Resp: 202244

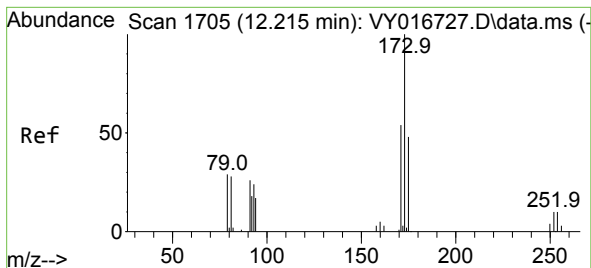
Ion Ratio Lower Upper

104 100

78 48.9 39.2 58.8

103 55.6 43.8 65.6





#71

Bromoform

Concen: 51.336 ug/l

RT: 12.227 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

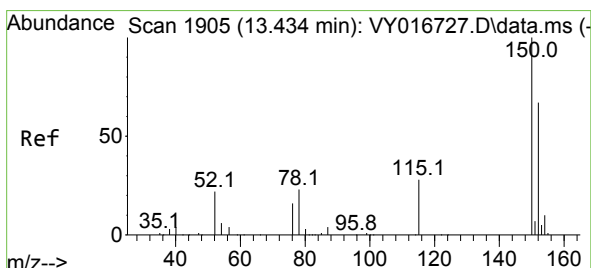
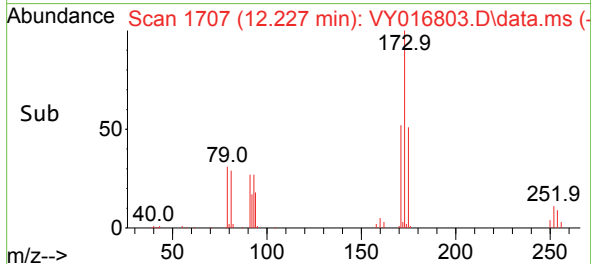
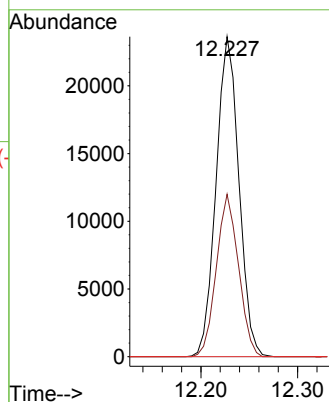
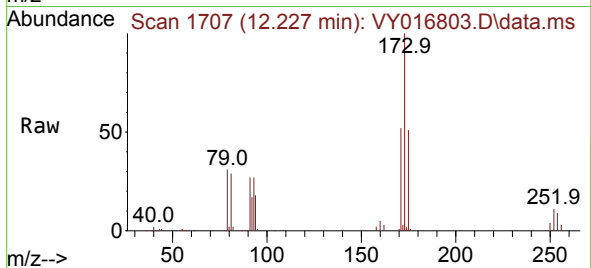
Tgt Ion:173 Resp: 38609

Ion Ratio Lower Upper

173 100

175 49.3 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

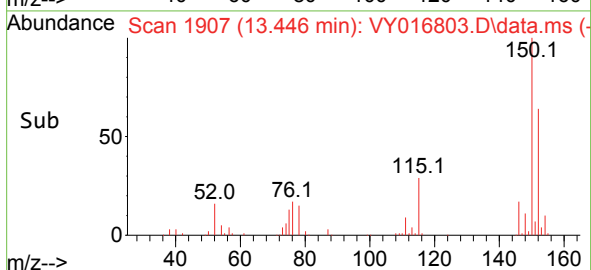
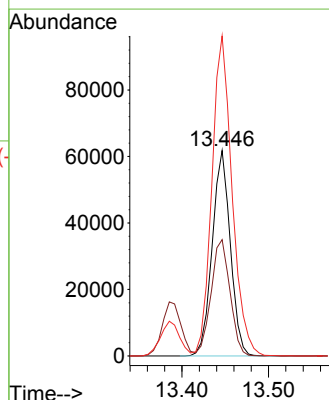
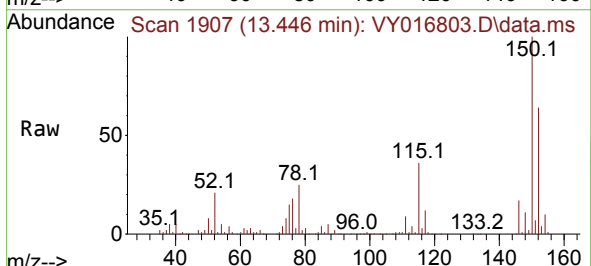
Tgt Ion:152 Resp: 89656

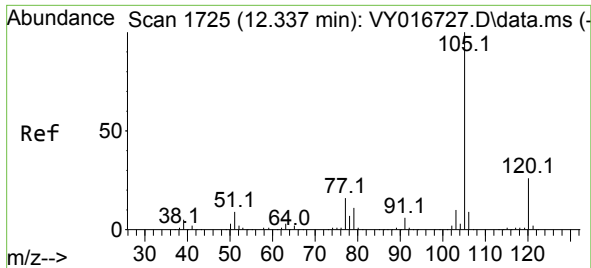
Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 174.0 0.0 344.6

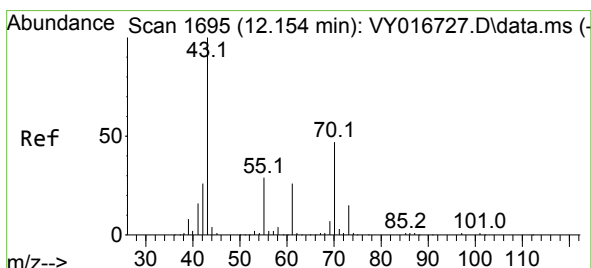
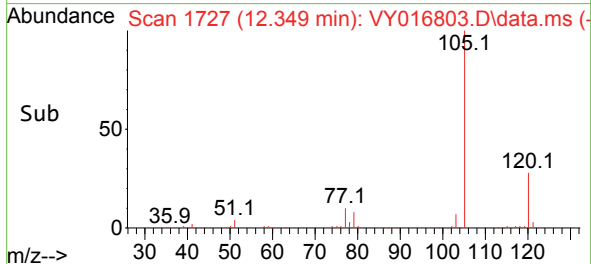
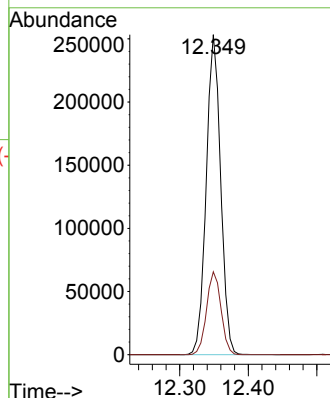
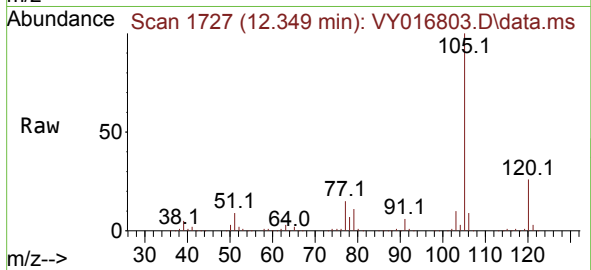




#73
Isopropylbenzene
Concen: 53.076 ug/l
RT: 12.349 min Scan# 1725
Delta R.T. 0.012 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

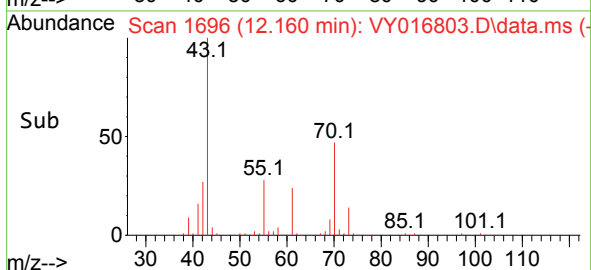
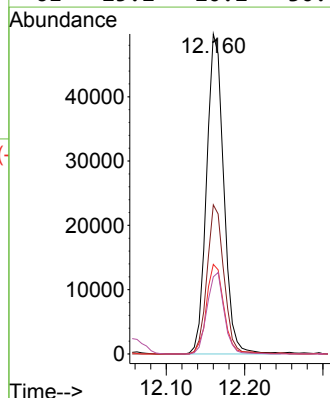
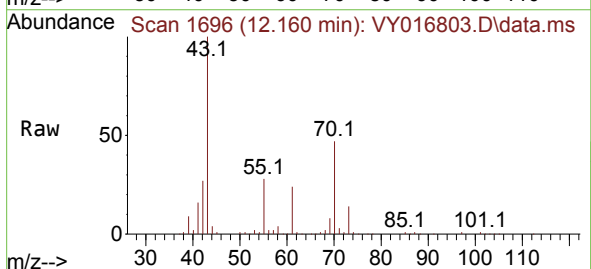
Instrument :
MSVOA_Y
ClientSampleId :

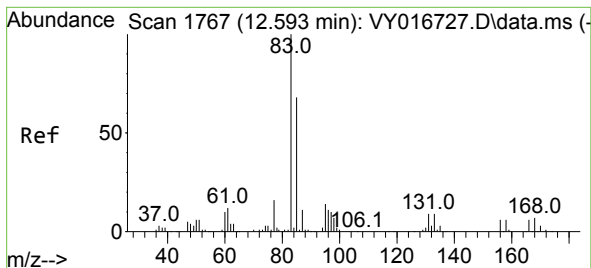
Tgt Ion:105 Resp: 370602
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0



#74
N-ethyl acetate
Concen: 51.554 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

Tgt Ion: 43 Resp: 75547
Ion Ratio Lower Upper
43 100
70 46.1 36.6 55.0
55 28.7 22.2 33.4
61 25.2 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.821 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

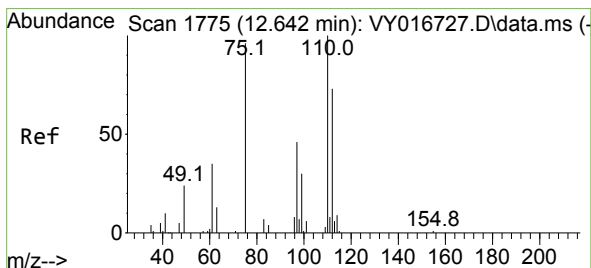
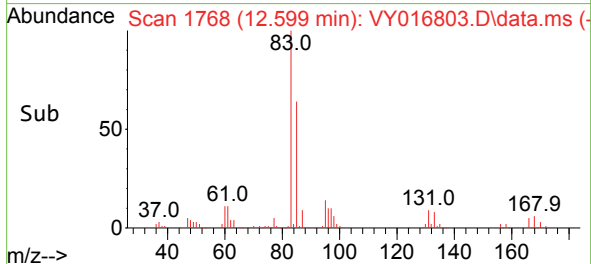
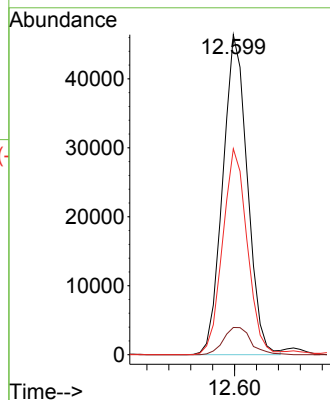
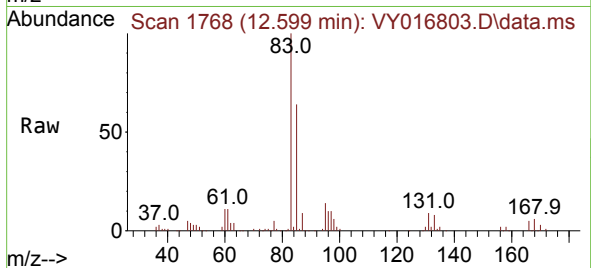
Tgt Ion: 83 Resp: 72307

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.6

85 64.5 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 86.342 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.012 min

Lab File: VY016803.D

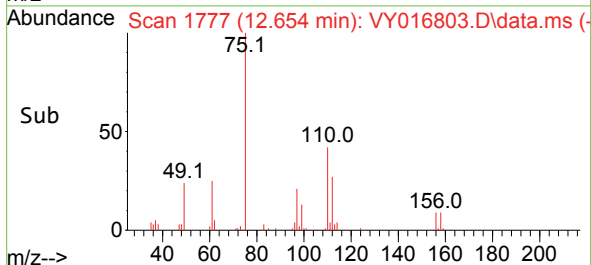
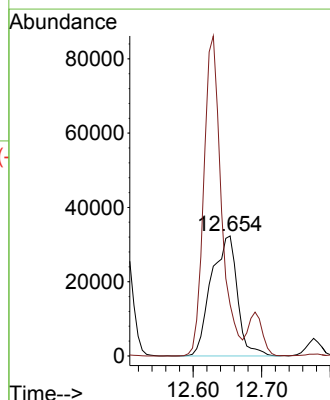
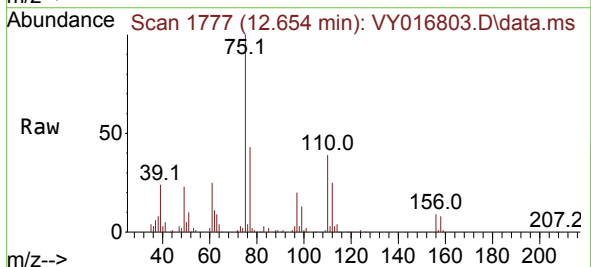
Acq: 22 Dec 2023 12:28

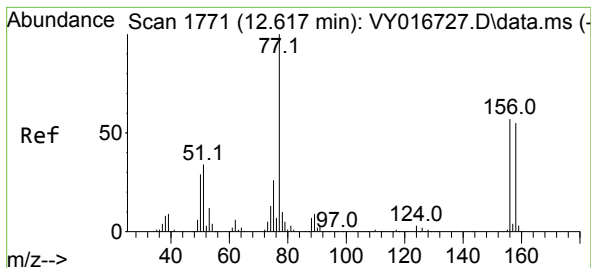
Tgt Ion: 75 Resp: 85574

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.423 ug/l

RT: 12.629 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

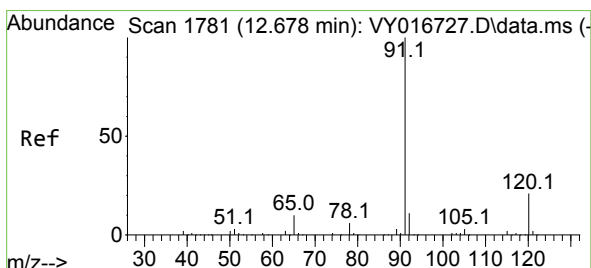
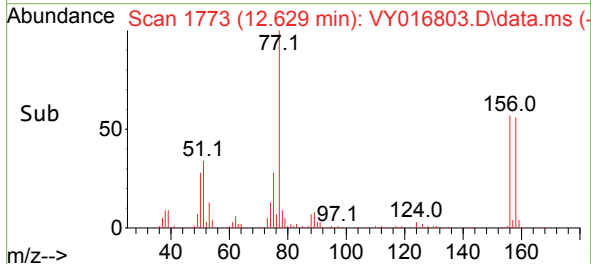
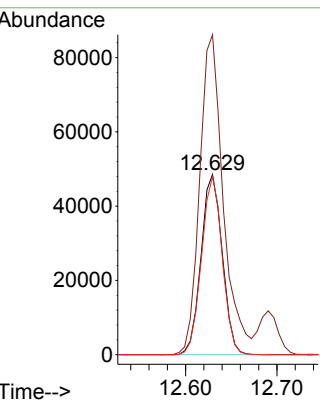
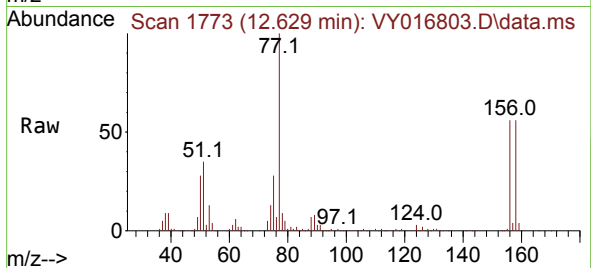
Tgt Ion:156 Resp: 78332

Ion Ratio Lower Upper

156 100

77 197.0 97.3 291.8

158 96.4 48.4 145.0



#78

n-propylbenzene

Concen: 53.563 ug/l

RT: 12.690 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY016803.D

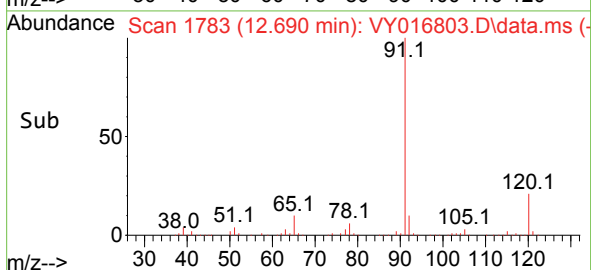
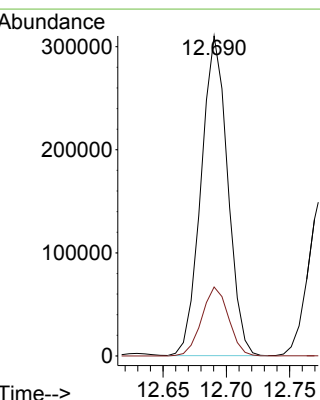
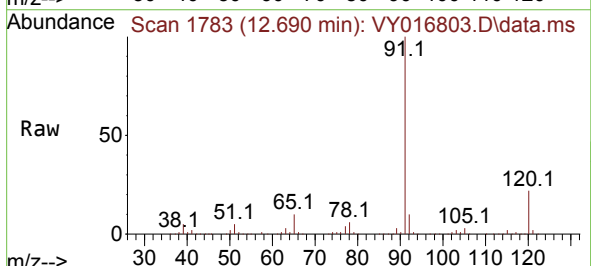
Acq: 22 Dec 2023 12:28

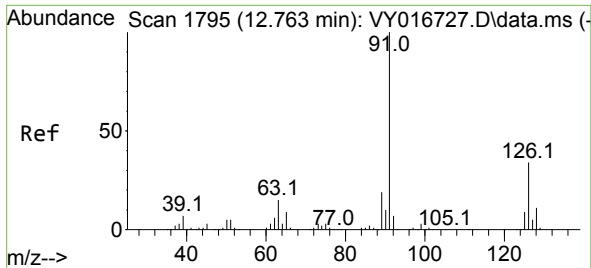
Tgt Ion: 91 Resp: 453141

Ion Ratio Lower Upper

91 100

120 21.7 11.0 33.0

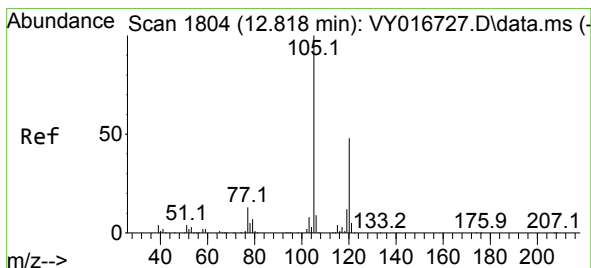
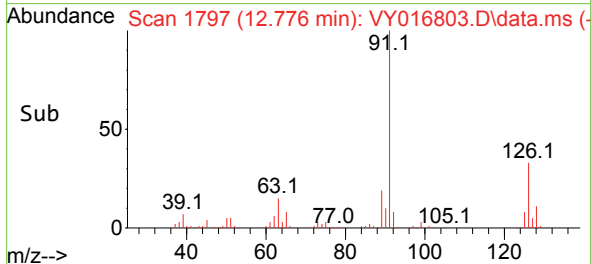
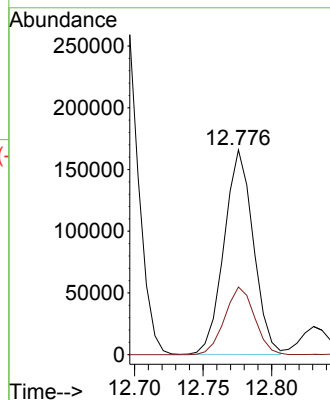
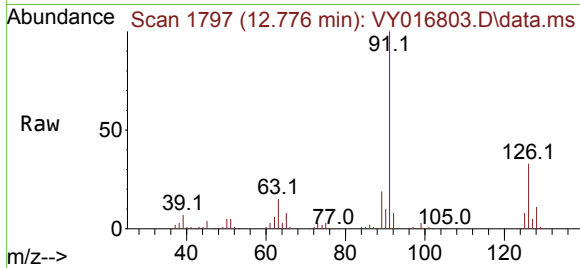




#79
2-Chlorotoluene
Concen: 52.654 ug/l
RT: 12.776 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

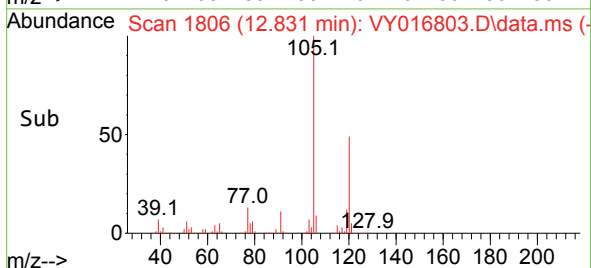
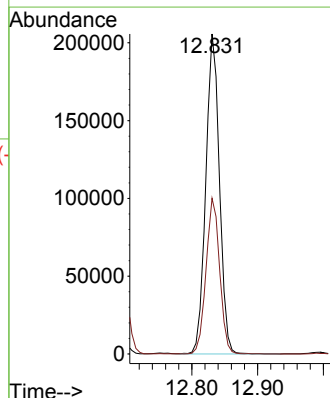
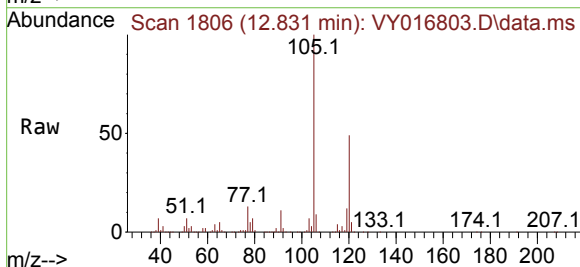
Instrument :
MSVOA_Y
ClientSampleId :

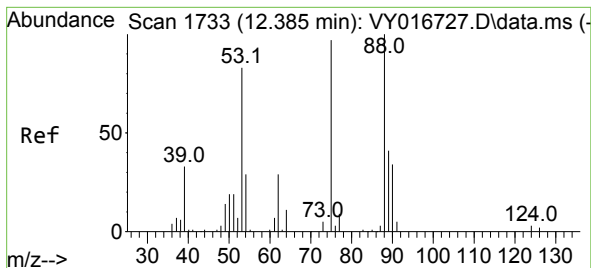
Tgt Ion: 91 Resp: 246488
Ion Ratio Lower Upper
91 100
126 33.7 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 53.703 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.012 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

Tgt Ion: 105 Resp: 296831
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8

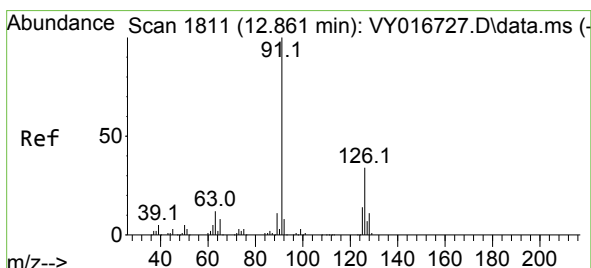
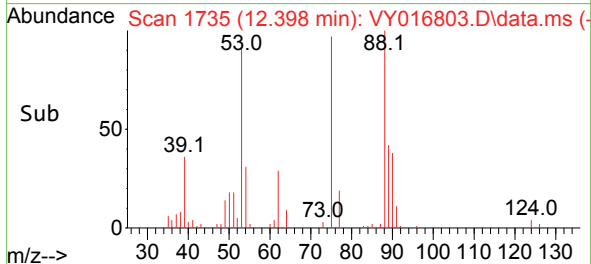
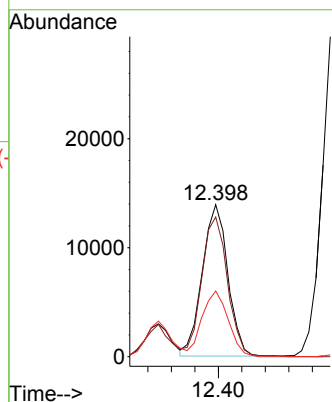
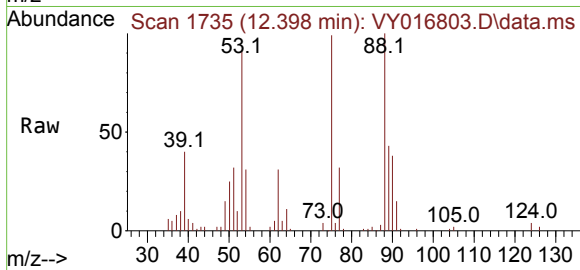




#81
trans-1,4-Dichloro-2-butene
Concen: 49.848 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

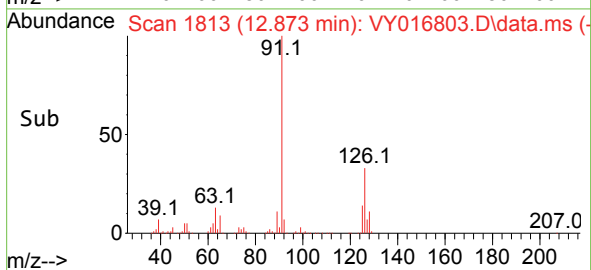
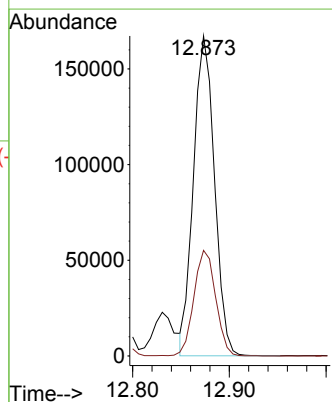
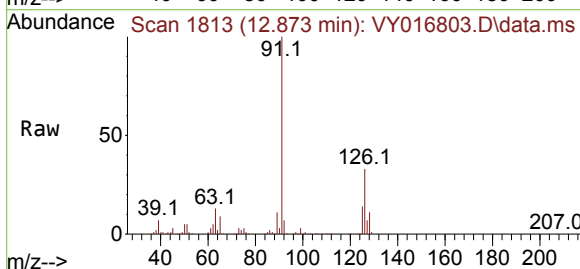
Instrument :
MSVOA_Y
ClientSampleId :

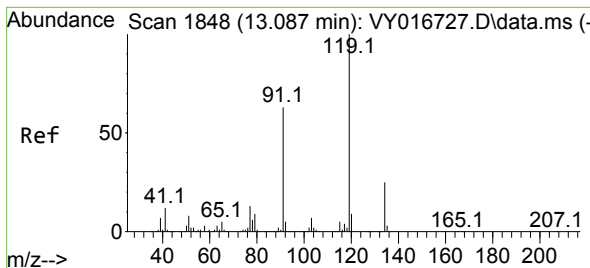
Tgt Ion: 75 Resp: 21037
Ion Ratio Lower Upper
75 100
53 93.4 74.0 111.0
89 44.1 36.5 54.7



#82
4-Chlorotoluene
Concen: 52.532 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016803.D
Acq: 22 Dec 2023 12:28

Tgt Ion: 91 Resp: 252286
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 52.752 ug/l

RT: 13.093 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

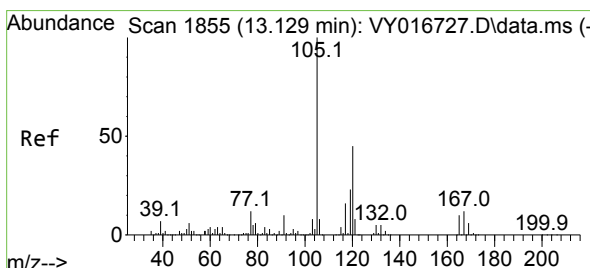
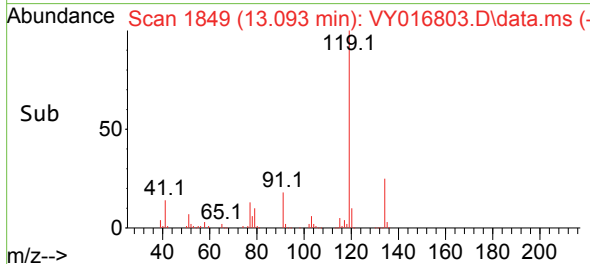
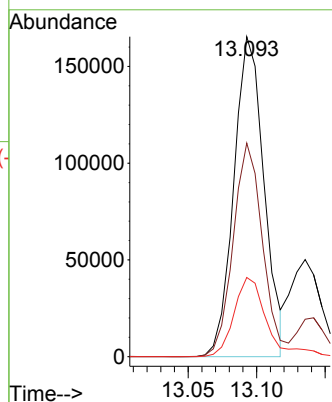
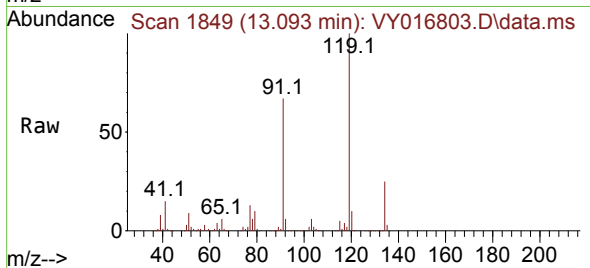
Tgt Ion:119 Resp: 253621

Ion Ratio Lower Upper

119 100

91 65.2 31.5 94.5

134 26.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 53.691 ug/l

RT: 13.142 min Scan# 1857

Delta R.T. 0.012 min

Lab File: VY016803.D

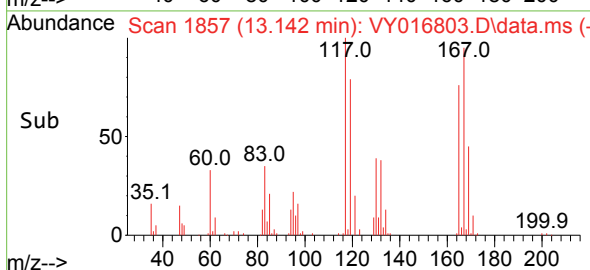
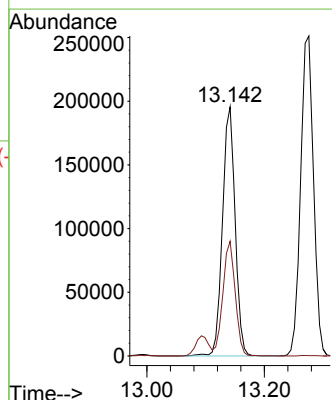
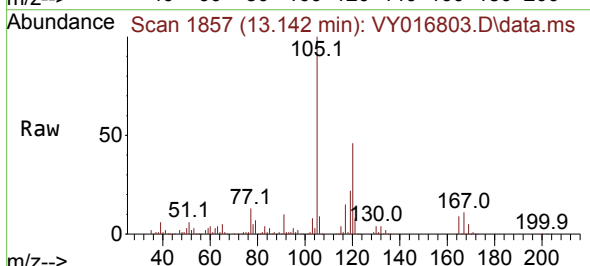
Acq: 22 Dec 2023 12:28

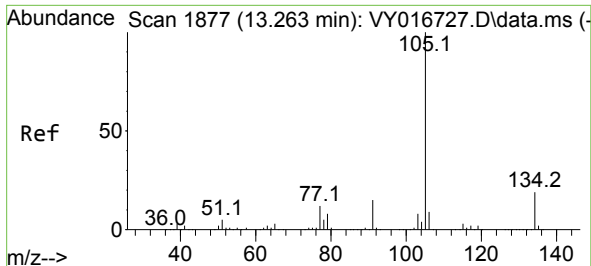
Tgt Ion:105 Resp: 292631

Ion Ratio Lower Upper

105 100

120 45.0 22.1 66.3

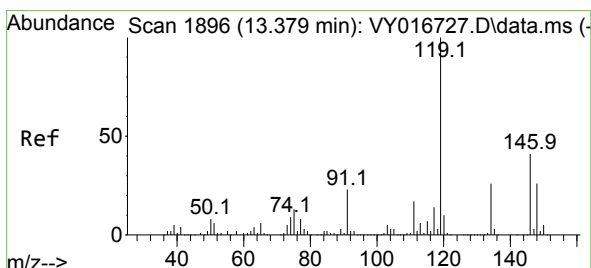
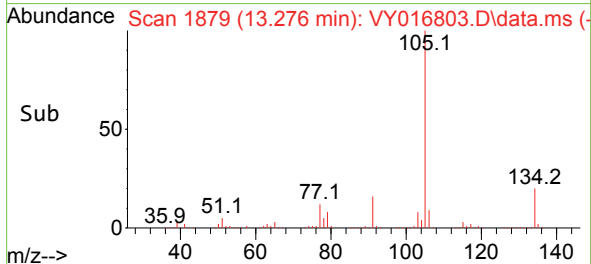
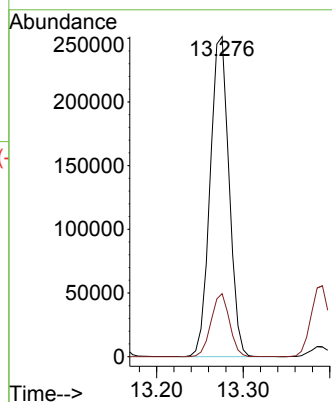
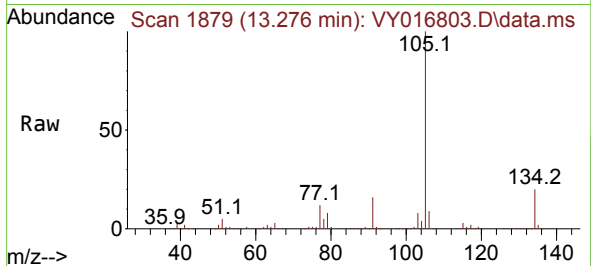




#85
 sec-Butylbenzene
 Concen: 53.578 ug/l
 RT: 13.276 min Scan# 1879
 Delta R.T. 0.012 min
 Lab File: VY016803.D
 Acq: 22 Dec 2023 12:28

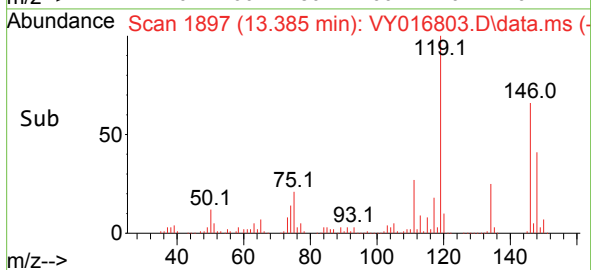
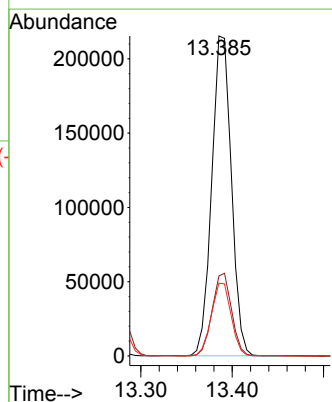
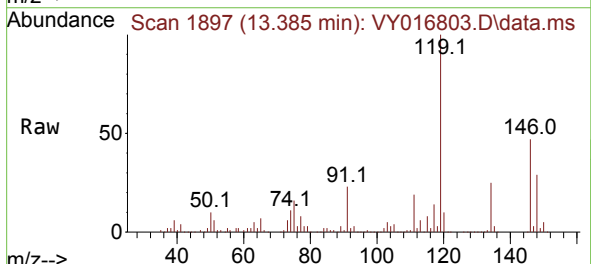
Instrument :
 MSVOA_Y
 ClientSampleId :

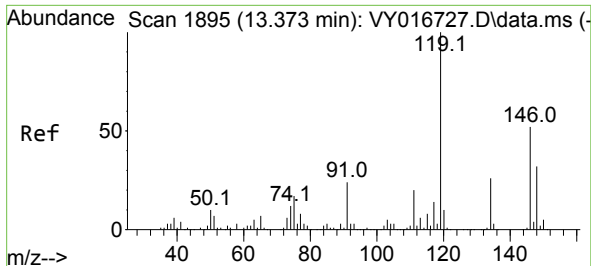
Tgt Ion:105 Resp: 381539
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 54.099 ug/l
 RT: 13.385 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY016803.D
 Acq: 22 Dec 2023 12:28

Tgt Ion:119 Resp: 320834
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.1
 91 23.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 51.563 ug/l

RT: 13.385 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

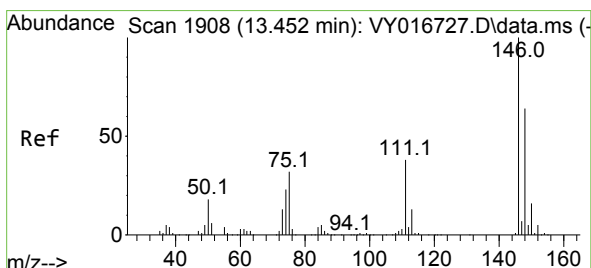
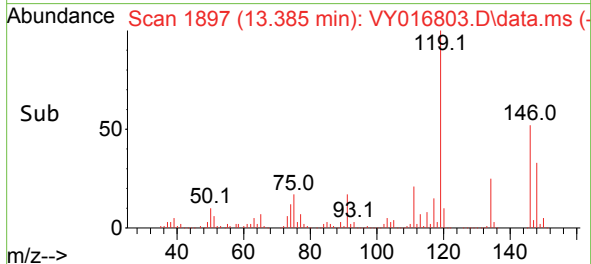
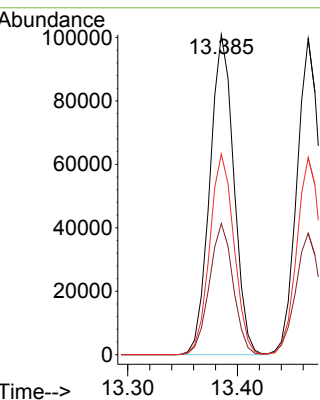
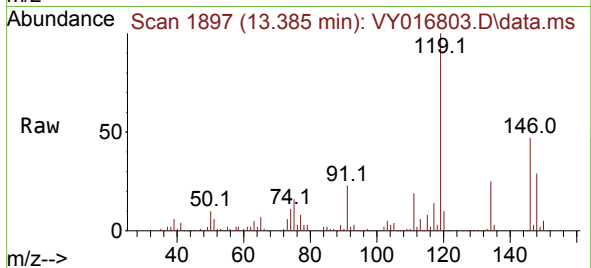
Tgt Ion:146 Resp: 153500

Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.5

148 63.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 51.379 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

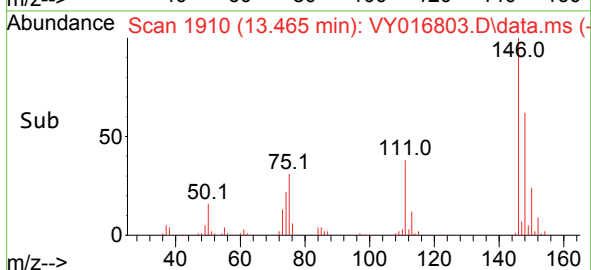
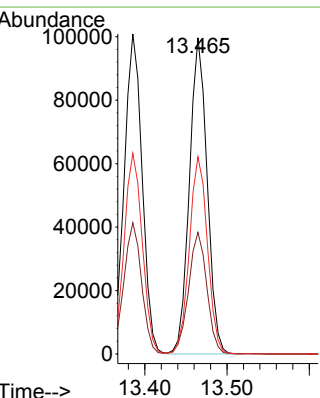
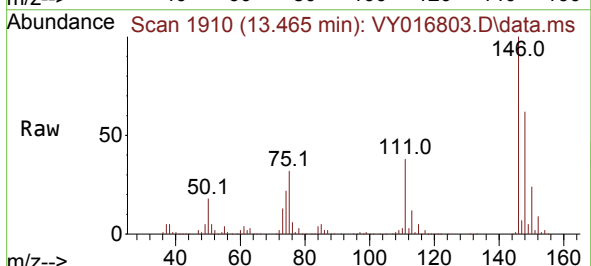
Tgt Ion:146 Resp: 149350

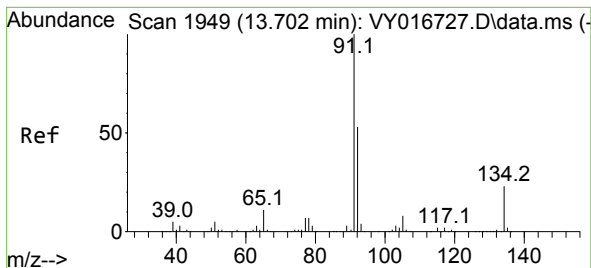
Ion Ratio Lower Upper

146 100

111 39.7 19.3 57.9

148 63.8 31.6 94.7





#89

n-Butylbenzene

Concen: 54.589 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

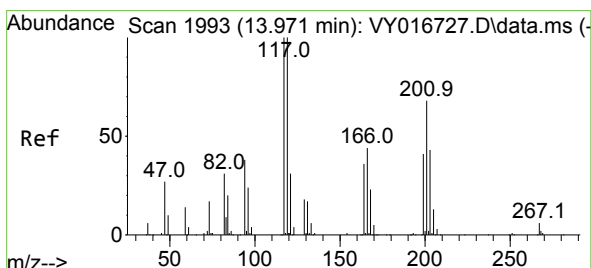
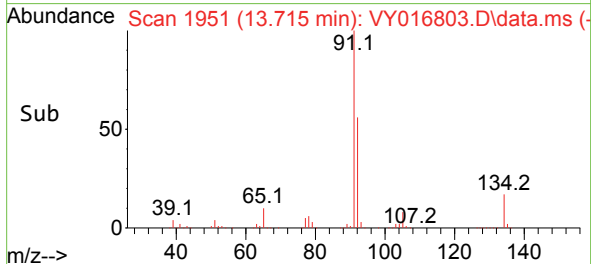
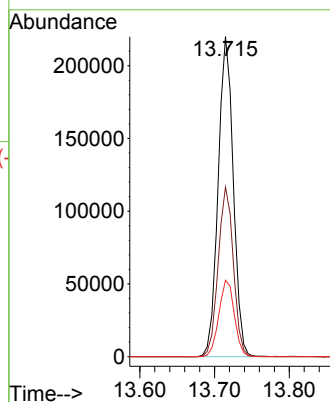
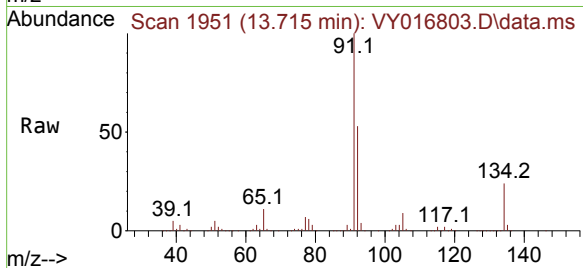
Tgt Ion: 91 Resp: 309469

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.2

134 24.5 12.3 36.8



#90

Hexachloroethane

Concen: 51.798 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.012 min

Lab File: VY016803.D

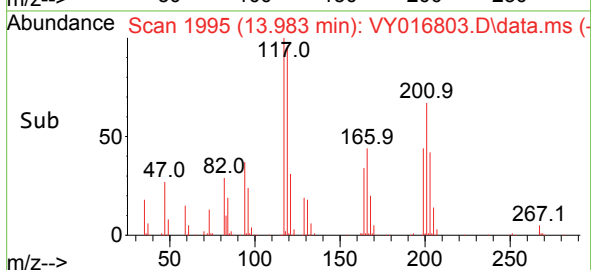
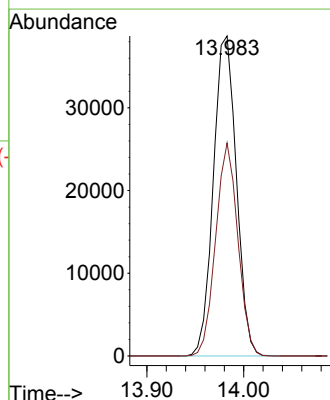
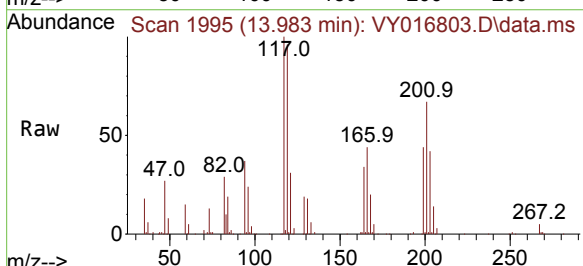
Acq: 22 Dec 2023 12:28

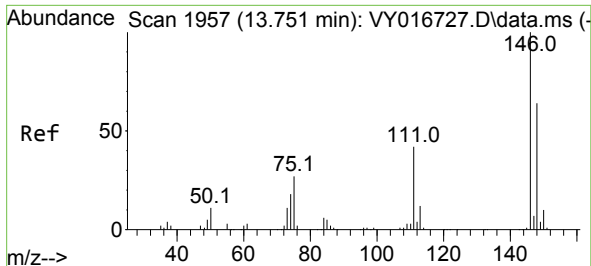
Tgt Ion: 117 Resp: 63965

Ion Ratio Lower Upper

117 100

201 64.1 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 51.663 ug/l

RT: 13.757 min Scan# 1957

Delta R.T. 0.006 min

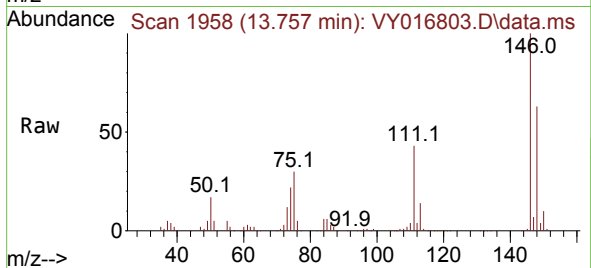
Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :



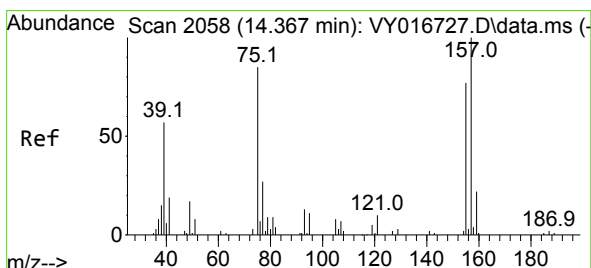
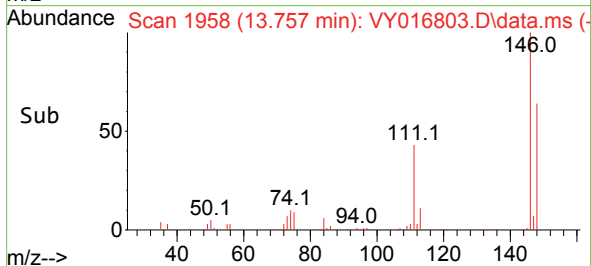
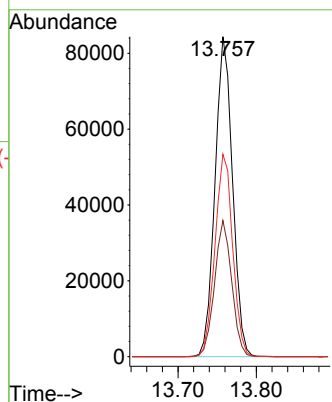
Tgt Ion:146 Resp: 131022

Ion Ratio Lower Upper

146 100

111 41.7 20.5 61.6

148 64.0 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.227 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

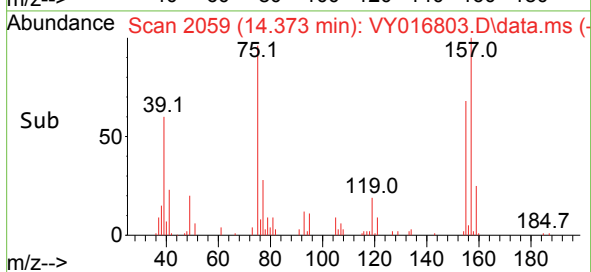
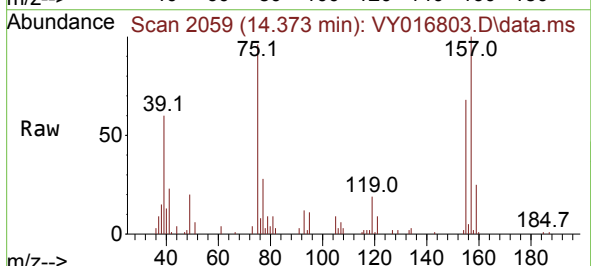
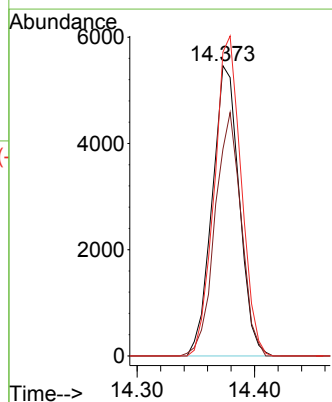
Tgt Ion: 75 Resp: 8723

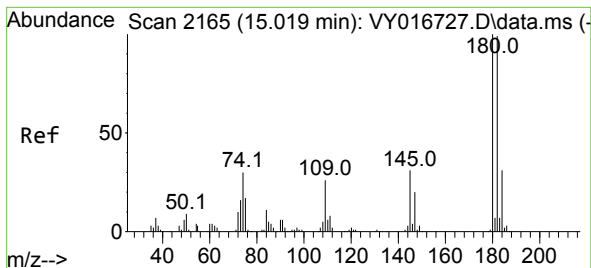
Ion Ratio Lower Upper

75 100

155 81.4 42.1 126.3

157 109.4 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 51.733 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

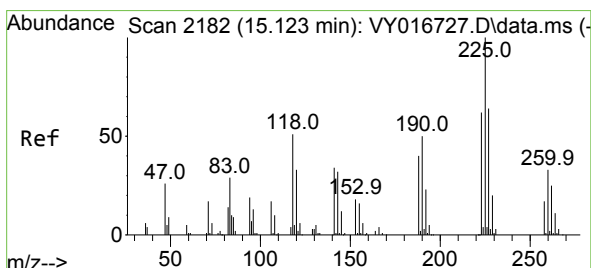
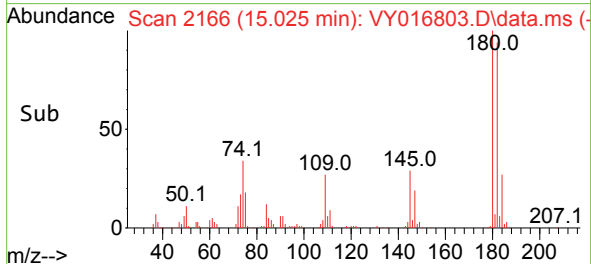
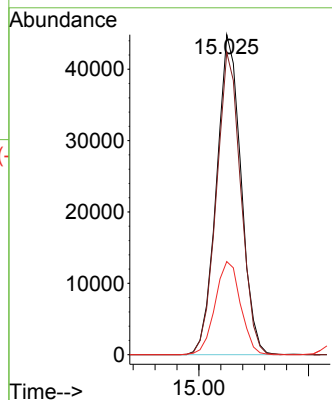
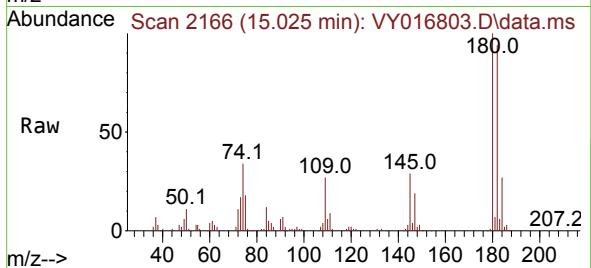
Tgt Ion:180 Resp: 69616

Ion Ratio Lower Upper

180 100

182 93.9 47.9 143.7

145 30.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 51.126 ug/l

RT: 15.135 min Scan# 2184

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

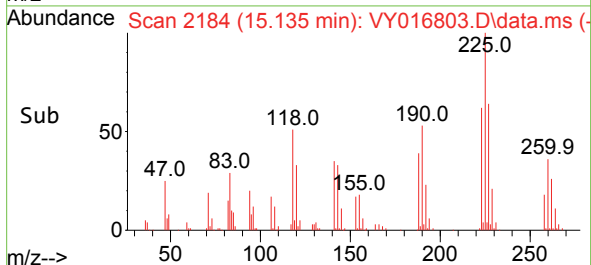
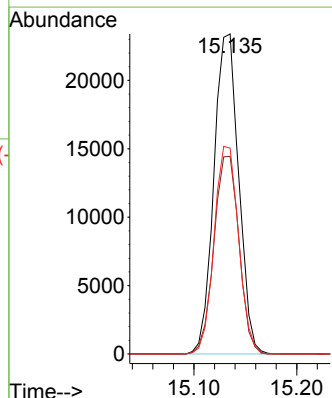
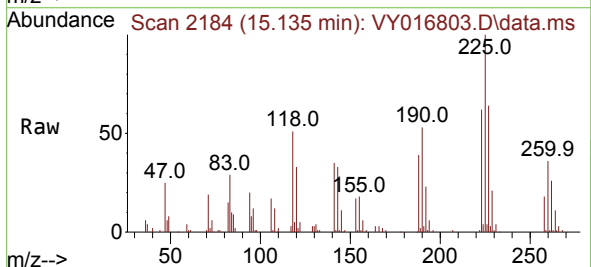
Tgt Ion:225 Resp: 39077

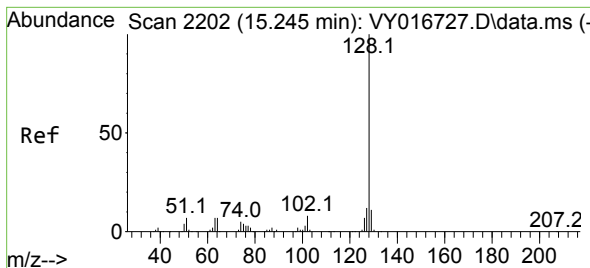
Ion Ratio Lower Upper

225 100

223 62.4 31.4 94.3

227 64.0 32.3 96.8





#95

Naphthalene

Concen: 45.736 ug/l

RT: 15.257 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

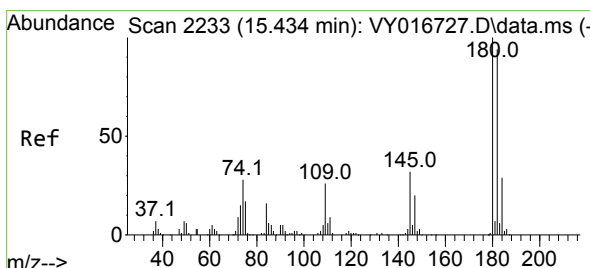
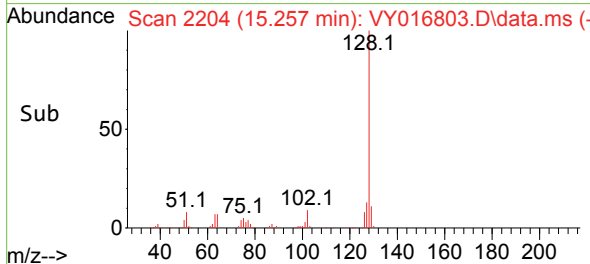
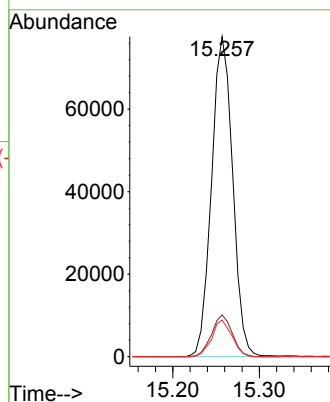
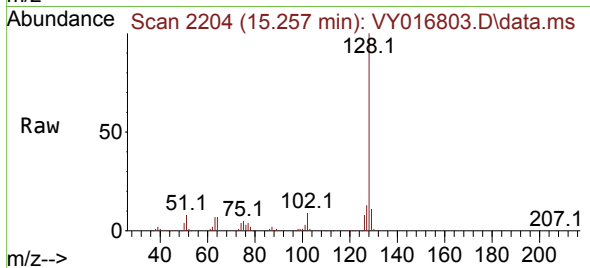
Tgt Ion:128 Resp: 131536

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 50.833 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016803.D

Acq: 22 Dec 2023 12:28

Tgt Ion:180 Resp: 58259

Ion Ratio Lower Upper

180 100

182 94.0 46.3 138.8

145 32.9 16.1 48.2

