

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016034.D
 Acq On : 19 Oct 2023 11:51
 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: Oct 20 05:34:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	212808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	334796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	305680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154915	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	99329	41.067	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.140%
35) Dibromofluoromethane	7.716	113	92946	42.178	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.360%
50) Toluene-d8	10.179	98	346952	43.351	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.700%
62) 4-Bromofluorobenzene	12.483	95	124124	43.465	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.940%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	81540	46.360	ug/l	98
3) Chloromethane	2.113	50	104776	47.179	ug/l	99
4) Vinyl Chloride	2.253	62	114527	45.950	ug/l	97
5) Bromomethane	2.662	94	79737	43.856	ug/l	99
6) Chloroethane	2.796	64	75539	47.132	ug/l	98
7) Trichlorofluoromethane	3.125	101	199970	52.719	ug/l	99
8) Diethyl Ether	3.533	74	69709	52.018	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	105821	48.499	ug/l	95
10) Methyl Iodide	4.088	142	131496	46.154	ug/l	98
11) Tert butyl alcohol	4.930	59	36804	98.573	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	100928	49.437	ug/l	94
13) Acrolein	3.741	56	86746	323.251	ug/l	98
14) Allyl chloride	4.478	41	150673	47.199	ug/l	93
15) Acrylonitrile	5.180	53	226469	283.275	ug/l	98
16) Acetone	3.985	43	269145	300.189	ug/l	93
17) Carbon Disulfide	4.186	76	276788	46.278	ug/l	100
18) Methyl Acetate	4.497	43	163548	52.998	ug/l	94
19) Methyl tert-butyl Ether	5.228	73	304678	46.260	ug/l	99
20) Methylene Chloride	4.716	84	115055	43.196	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	110317	46.402	ug/l	95
22) Diisopropyl ether	6.124	45	319204	45.921	ug/l	98
23) Vinyl Acetate	6.064	43	1033208	239.619	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	190301	46.147	ug/l	97
25) 2-Butanone	7.002	43	332499	270.746	ug/l	95
26) 2,2-Dichloropropane	6.978	77	167194	45.062	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	123264	45.020	ug/l	93
28) Bromochloromethane	7.338	49	88469	50.163	ug/l	90
29) Tetrahydrofuran	7.362	42	222327	299.085	ug/l	90
30) Chloroform	7.508	83	200554	45.358	ug/l	96
31) Cyclohexane	7.783	56	167228	44.173	ug/l	92
32) 1,1,1-Trichloroethane	7.703	97	181843	45.964	ug/l	98
36) 1,1-Dichloropropene	7.917	75	153439	46.281	ug/l	98
37) Ethyl Acetate	7.088	43	135106	56.534	ug/l	98
38) Carbon Tetrachloride	7.899	117	165097	46.852	ug/l	99
39) Methylcyclohexane	9.185	83	191057	46.112	ug/l	93
40) Benzene	8.161	78	436038	46.664	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	62145	50.127	ug/l	92
42) 1,2-Dichloroethane	8.240	62	139352	46.297	ug/l	93
43) Isopropyl Acetate	8.277	43	223462	53.482	ug/l	96
44) Trichloroethene	8.941	130	130262	49.719	ug/l	95
45) 1,2-Dichloropropane	9.215	63	111088	47.504	ug/l	99
46) Dibromomethane	9.307	93	74370	47.904	ug/l	97
47) Bromodichloromethane	9.496	83	159775	46.956	ug/l	97
48) Methyl methacrylate	9.295	41	99135	52.124	ug/l	88
49) 1,4-Dioxane	9.362	88	38911	1574.016	ug/l #	72
51) 4-Methyl-2-Pentanone	10.075	43	878682	365.698	ug/l	92
52) Toluene	10.246	92	285376	47.086	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	180719	49.028	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	193858	48.248	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	110118	51.629	ug/l	96
56) Ethyl methacrylate	10.514	69	174189	55.883	ug/l	87
57) 1,3-Dichloropropane	10.788	76	183062	50.594	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	420103	280.595	ug/l	93
59) 2-Hexanone	10.837	43	726641	397.491	ug/l	89
60) Dibromochloromethane	10.983	129	130566	50.618	ug/l	99
61) 1,2-Dibromoethane	11.093	107	116106	53.490	ug/l	100
64) Tetrachloroethene	10.721	164	118014	49.788	ug/l	97
65) Chlorobenzene	11.520	112	307775	46.491	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	117397	47.048	ug/l	98
67) Ethyl Benzene	11.593	91	552647	47.177	ug/l	99
68) m/p-Xylenes	11.703	106	426602	93.389	ug/l	94
69) o-Xylene	12.032	106	202650	46.632	ug/l	98
70) Styrene	12.044	104	349119	47.136	ug/l	96
71) Bromoform	12.209	173	95993	54.673	ug/l #	100
73) Isopropylbenzene	12.331	105	536806	46.324	ug/l	99
74) N-amyl acetate	12.148	43	214687	58.655	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	159377	54.912	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	222801	101.576	ug/l #	100
77) Bromobenzene	12.611	156	131230	46.657	ug/l	91
78) n-propylbenzene	12.672	91	643902	46.132	ug/l	99
79) 2-Chlorotoluene	12.757	91	361901	46.193	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	443931	46.250	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	62085	61.787	ug/l	93
82) 4-Chlorotoluene	12.855	91	376671	46.067	ug/l	99
83) tert-Butylbenzene	13.074	119	380880	45.254	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	439157	46.074	ug/l	97
85) sec-Butylbenzene	13.257	105	574023	45.665	ug/l	99
86) p-Isopropyltoluene	13.373	119	476919	45.400	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	253535	46.328	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	252209	45.773	ug/l	100
89) n-Butylbenzene	13.696	91	443126	45.313	ug/l	97
90) Hexachloroethane	13.965	117	91508	45.697	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	236043	46.978	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	39835	72.102	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	147750	46.159	ug/l	99
94) Hexachlorobutadiene	15.111	225	73863	42.485	ug/l	98
95) Naphthalene	15.239	128	460027	58.555	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	138878	47.500	ug/l	99

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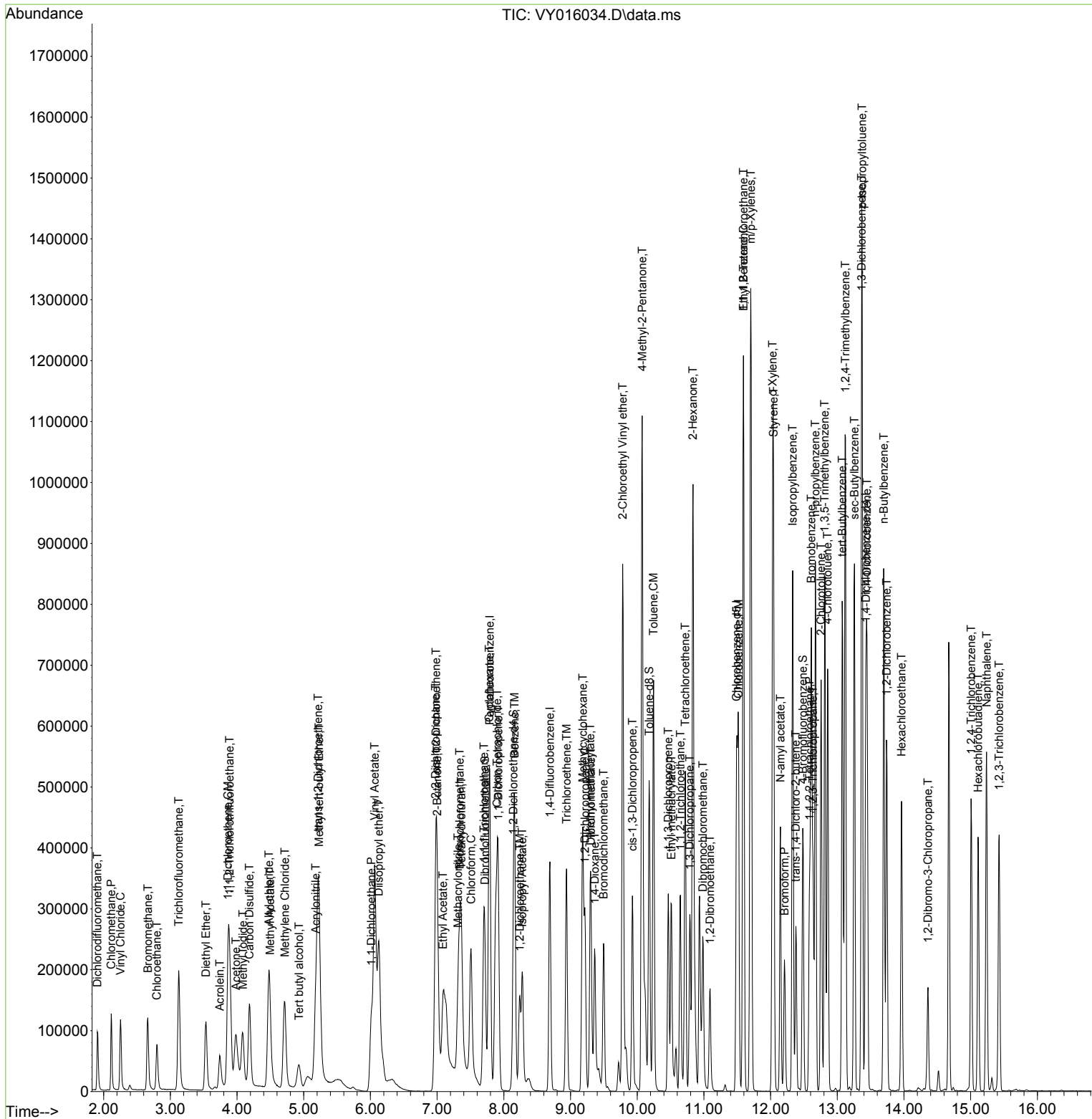
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MSVOA_Y
ClientSampleId :

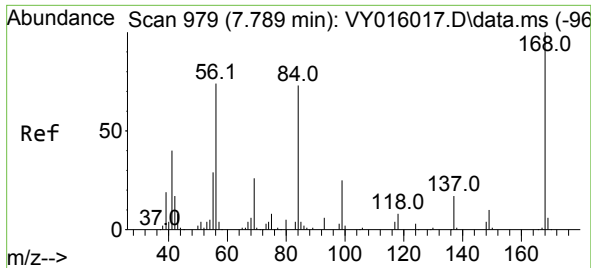
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

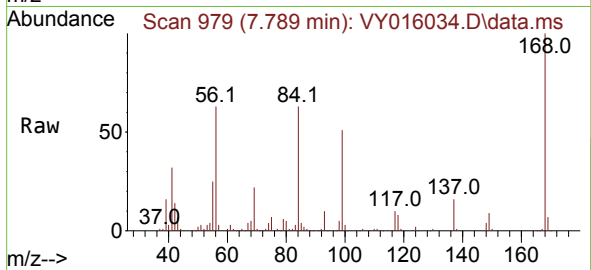
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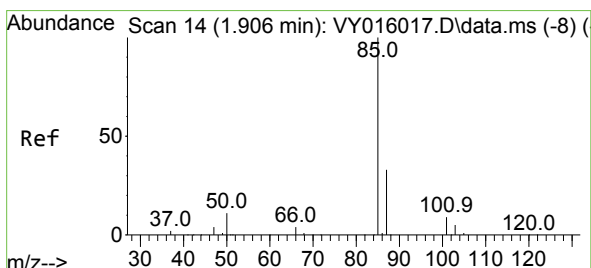
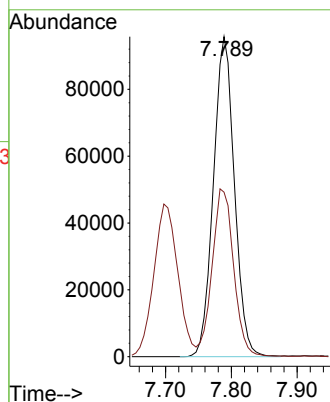
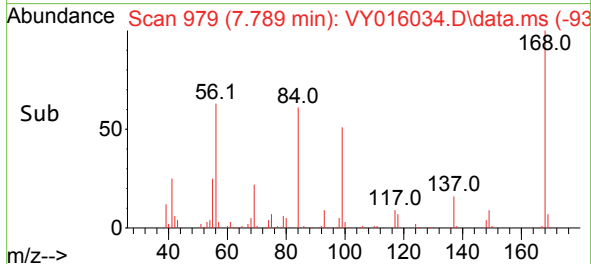


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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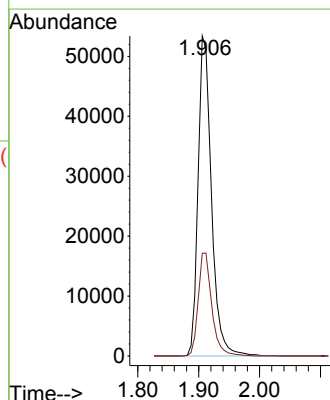
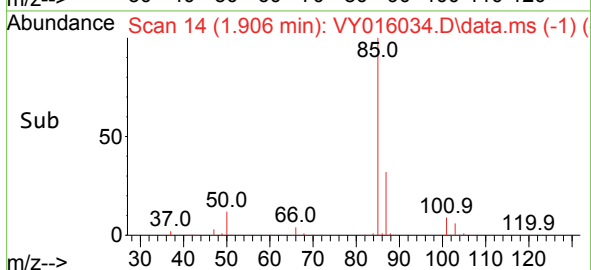
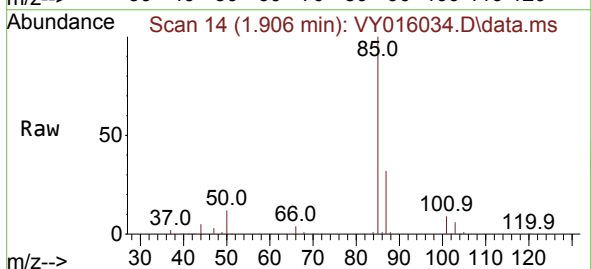


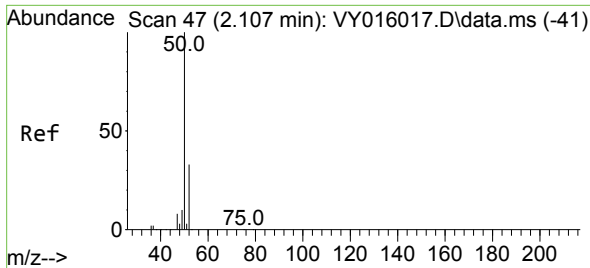
Tgt Ion:168 Resp: 212808
Ion Ratio Lower Upper
168 100
99 51.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 46.360 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Tgt Ion: 85 Resp: 81540
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.8

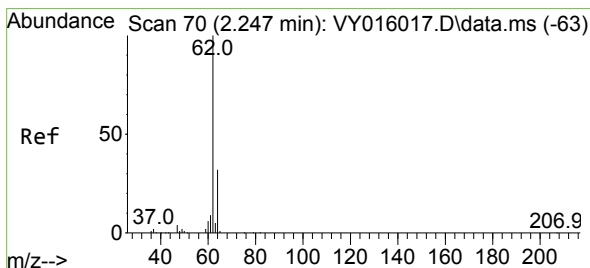
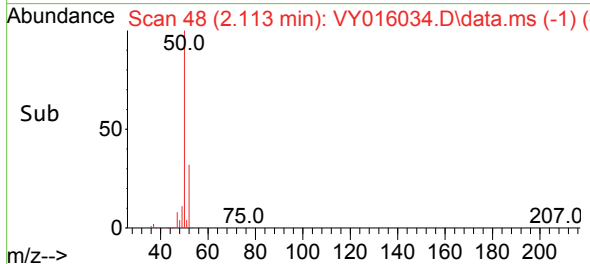
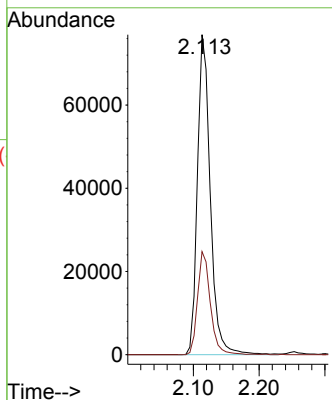
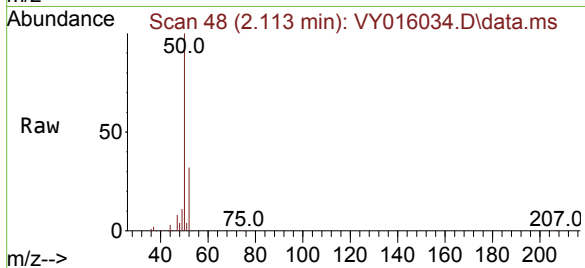




#3
Chloromethane
Concen: 47.179 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

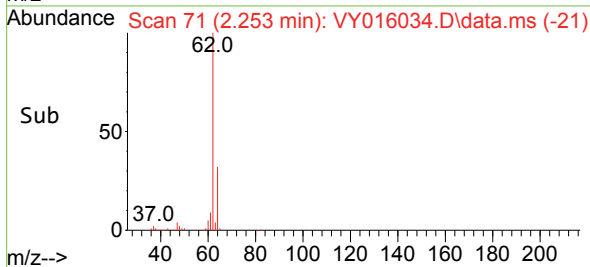
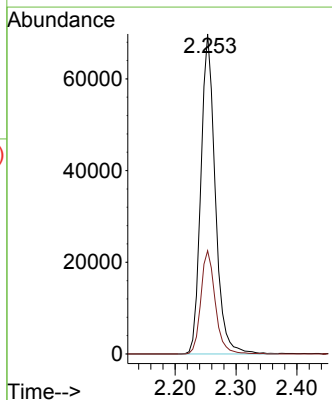
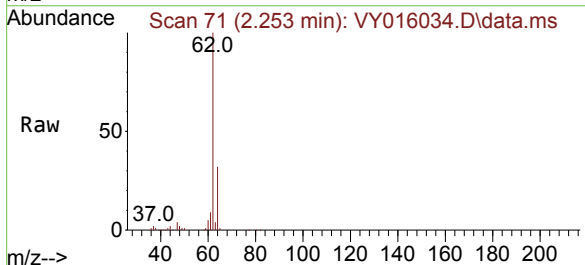
Instrument :
MSVOA_Y
ClientSampleId :

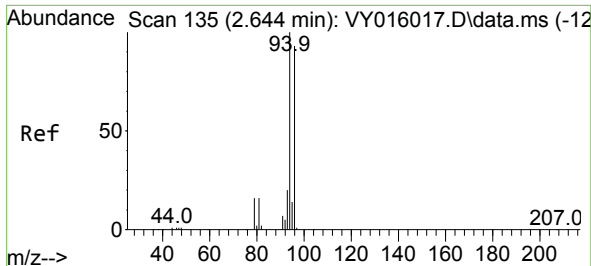
Tgt Ion: 50 Resp: 104776
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.2



#4
Vinyl Chloride
Concen: 45.950 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

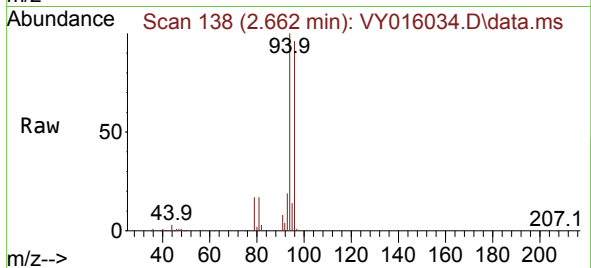
Tgt Ion: 62 Resp: 114527
Ion Ratio Lower Upper
62 100
64 32.2 24.3 36.5



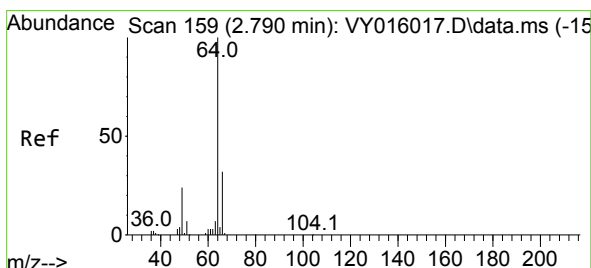
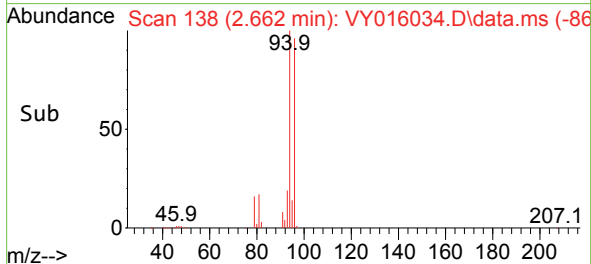
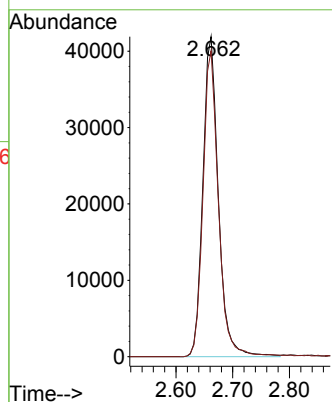


#5
Bromomethane
Concen: 43.856 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY016034.D
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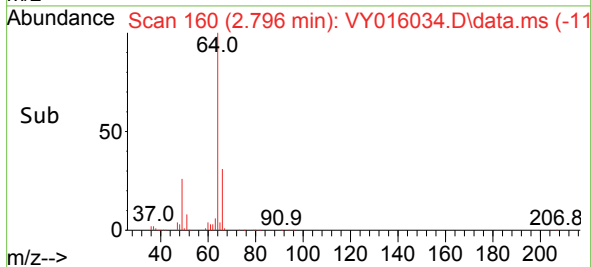
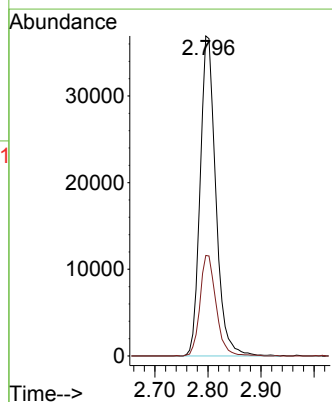
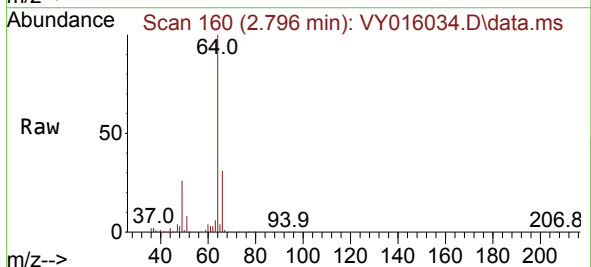


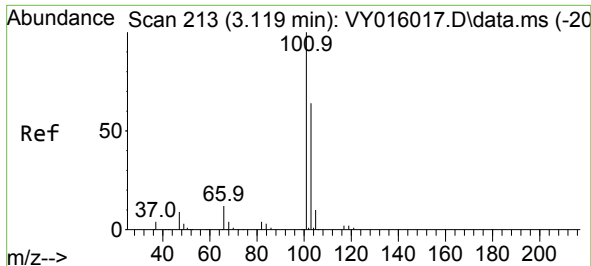
Tgt Ion: 94 Resp: 79737
Ion Ratio Lower Upper
94 100
96 95.6 75.8 113.6



#6
Chloroethane
Concen: 47.132 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Tgt Ion: 64 Resp: 75539
Ion Ratio Lower Upper
64 100
66 31.4 24.4 36.6

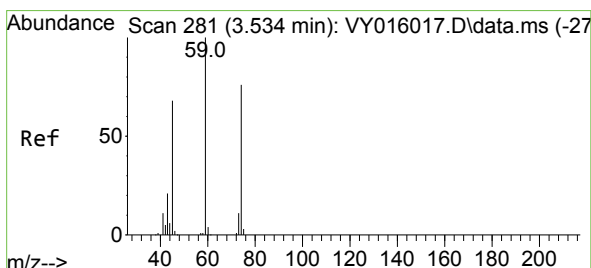
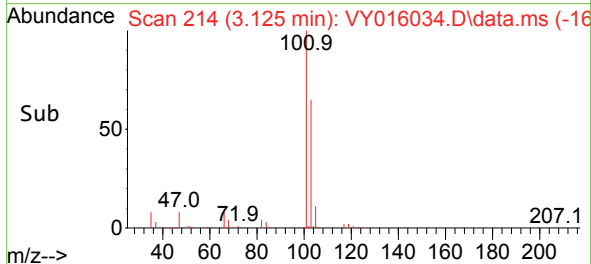
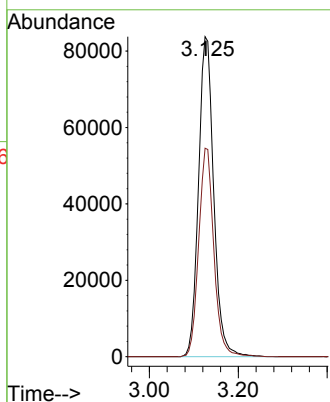
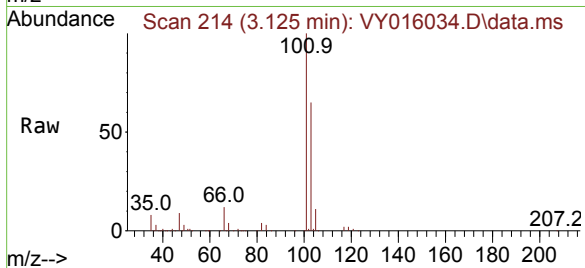




#7
Trichlorofluoromethane
Concen: 52.719 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

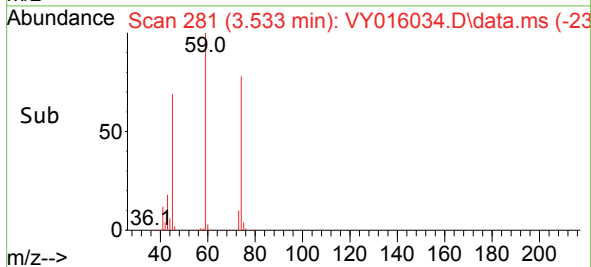
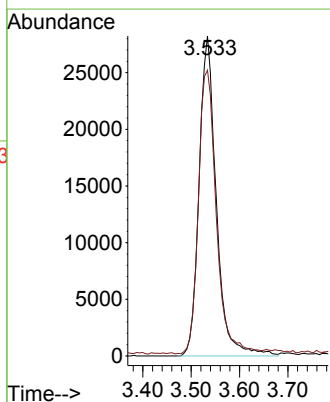
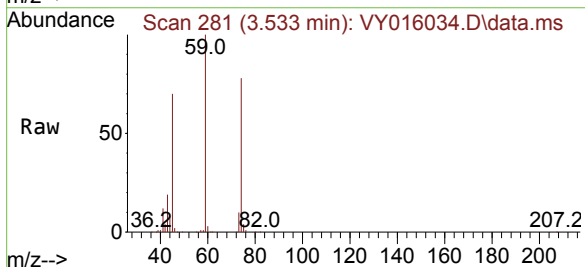
Instrument :
MSVOA_Y
ClientSampleId :

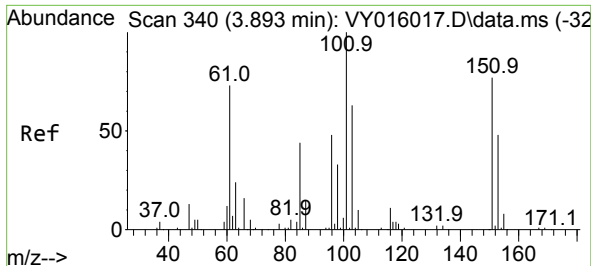
Tgt Ion:101 Resp: 199970
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0



#8
Diethyl Ether
Concen: 52.018 ug/l
RT: 3.533 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Tgt Ion: 74 Resp: 69709
Ion Ratio Lower Upper
74 100
45 92.1 51.5 154.5

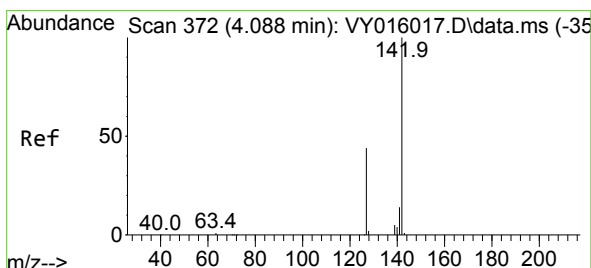
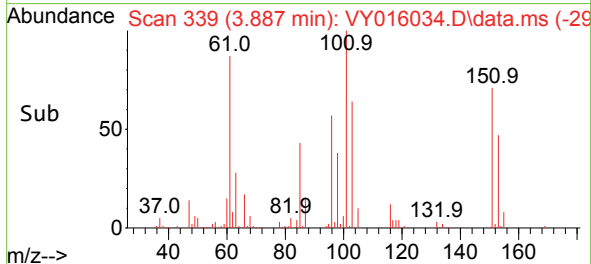
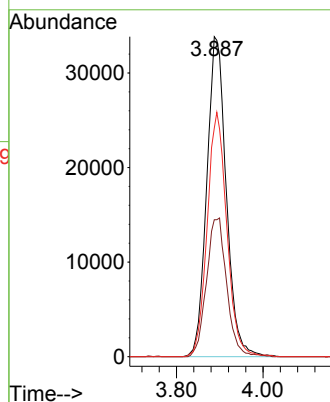
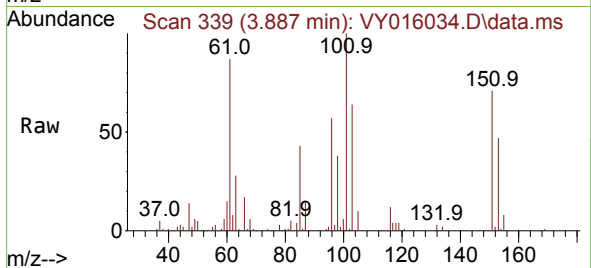




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.499 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

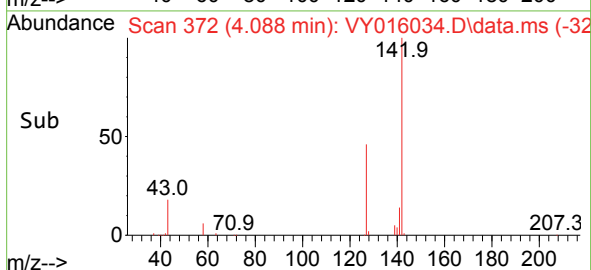
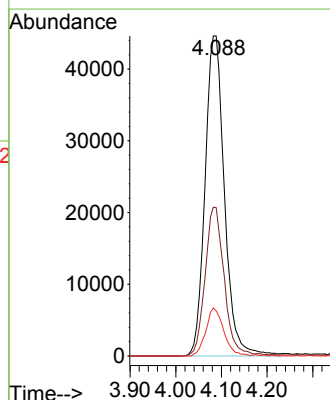
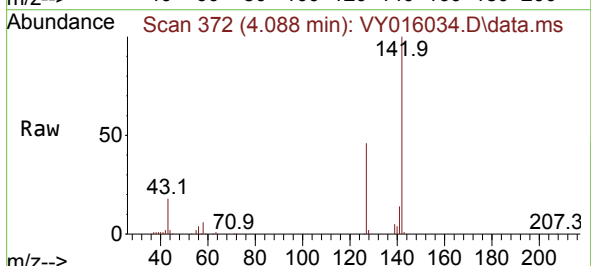
Instrument :
MSVOA_Y
ClientSampleId :

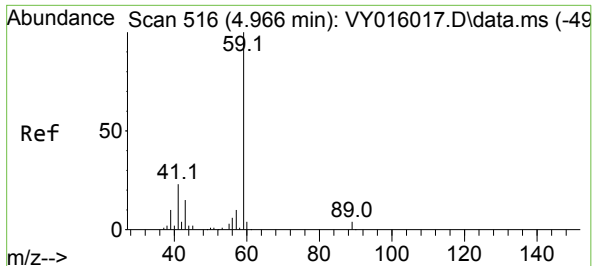
Tgt Ion:101 Resp: 105821
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 76.9 67.0 100.6



#10
Methyl Iodide
Concen: 46.154 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Tgt Ion:142 Resp: 131496
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 13.9 11.8 17.8





#11

Tert butyl alcohol

Concen: 98.573 ug/l

RT: 4.930 min Scan# 516

Delta R.T. -0.037 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

Instrument :

MSVOA_Y

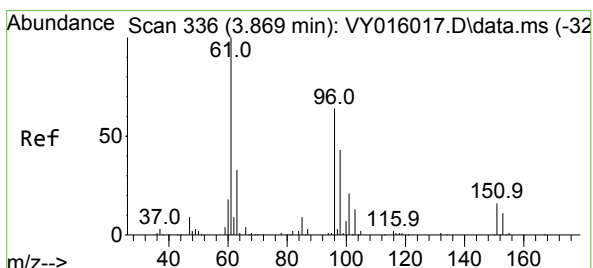
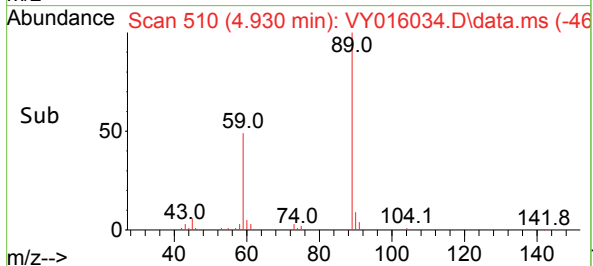
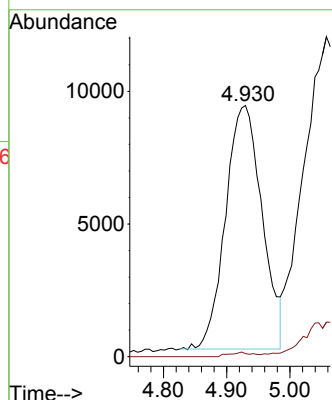
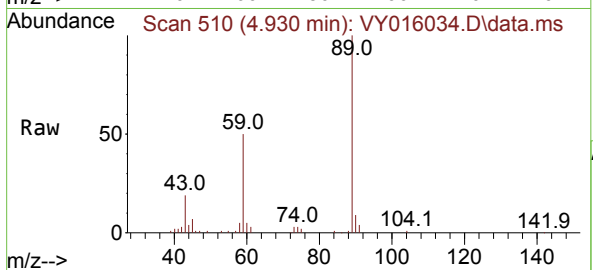
ClientSampleId :

Tgt Ion: 59 Resp: 36804

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 49.437 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.006 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

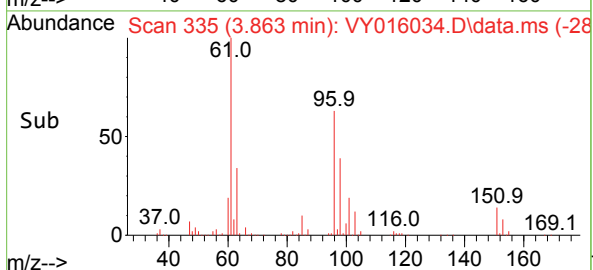
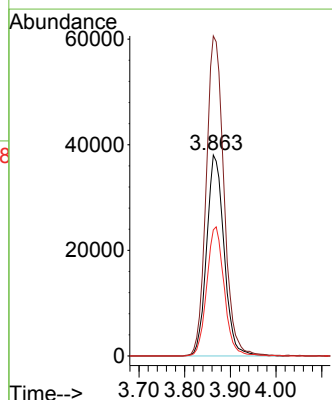
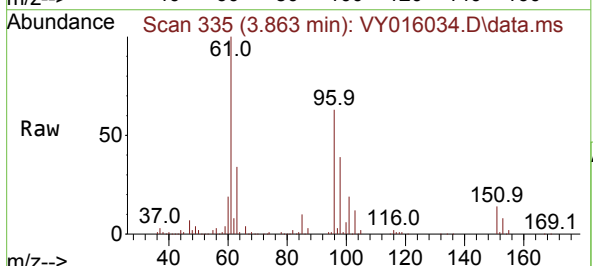
Tgt Ion: 96 Resp: 100928

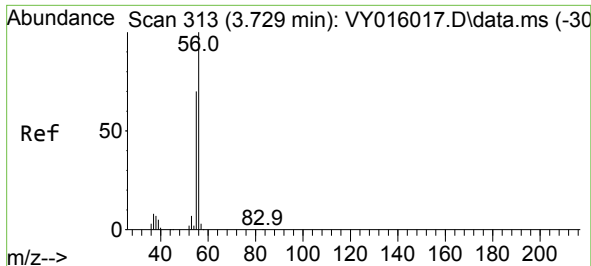
Ion Ratio Lower Upper

96 100

61 159.2 136.4 204.6

98 62.7 49.4 74.2

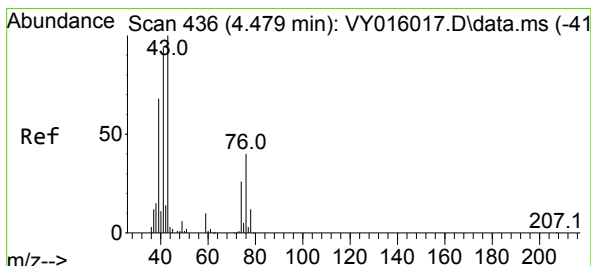
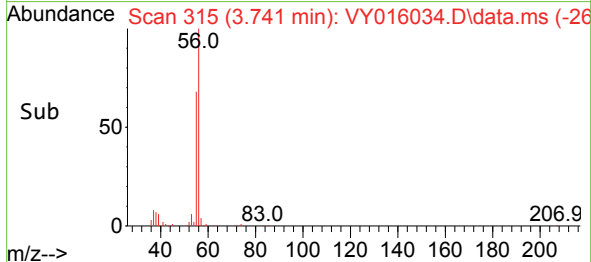
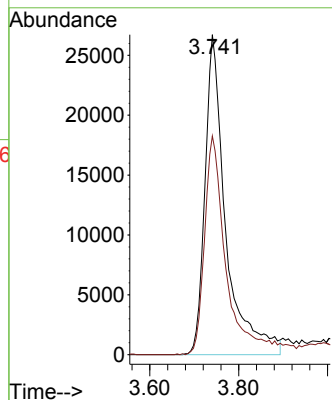
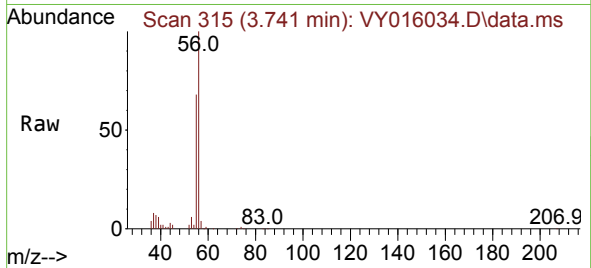




#13
Acrolein
Concen: 323.251 ug/l
RT: 3.741 min Scan# 313
Delta R.T. 0.012 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

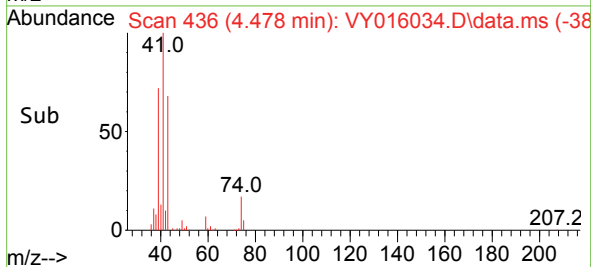
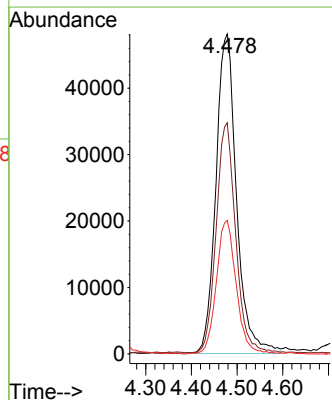
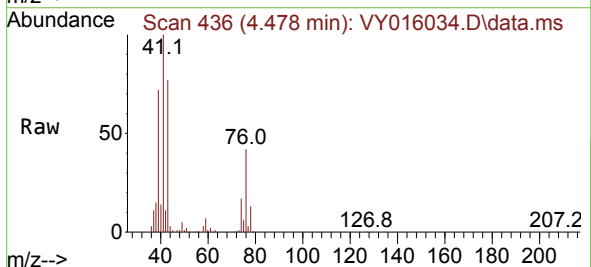
Instrument :
MSVOA_Y
ClientSampleId :

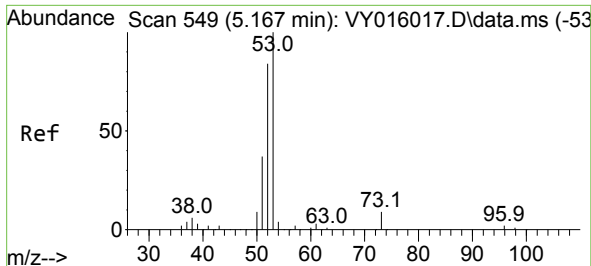
Tgt Ion: 56 Resp: 86746
Ion Ratio Lower Upper
56 100
55 72.8 57.0 85.4



#14
Allyl chloride
Concen: 47.199 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

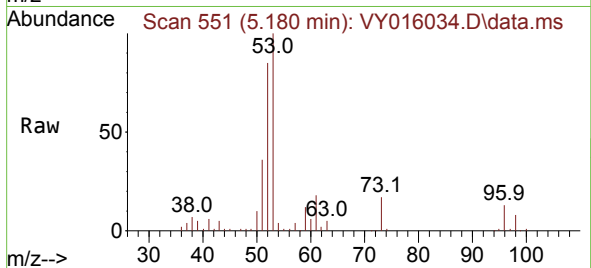
Tgt Ion: 41 Resp: 150673
Ion Ratio Lower Upper
41 100
39 68.0 58.0 87.0
76 40.4 27.4 41.2



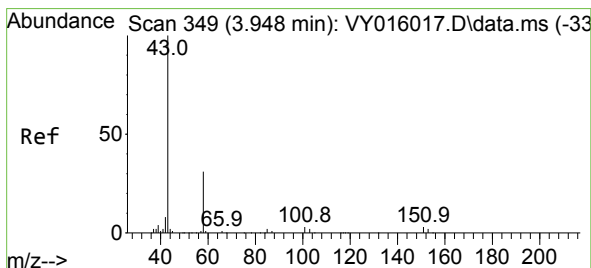
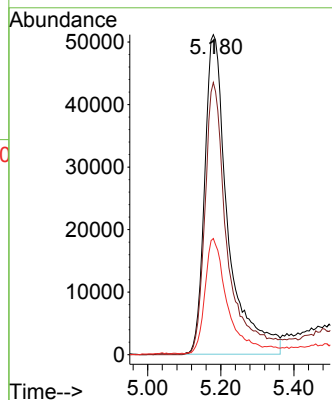
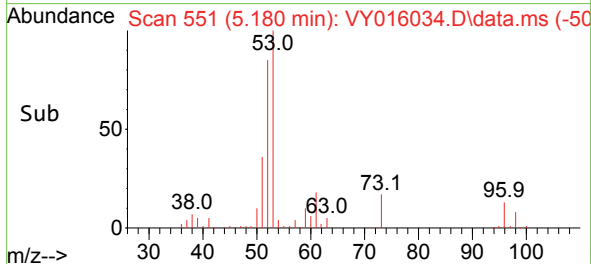


#15
Acrylonitrile
Concen: 283.275 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Instrument :
MSVOA_Y
ClientSampleId :

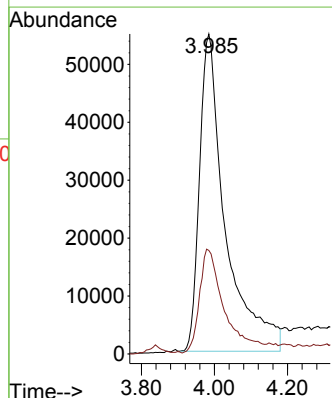
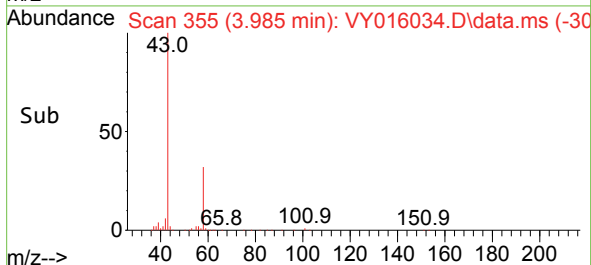
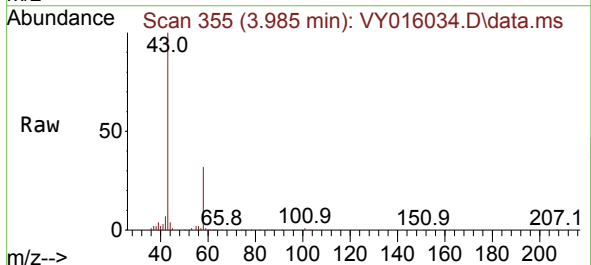


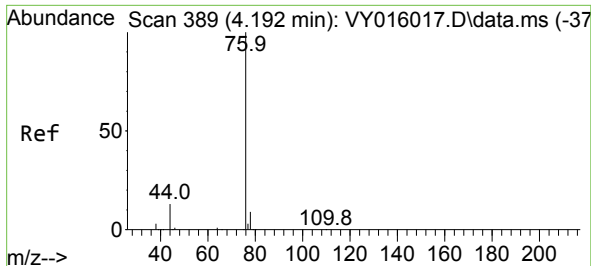
Tgt Ion: 53 Resp: 226469
Ion Ratio Lower Upper
53 100
52 82.8 66.9 100.3
51 34.3 29.8 44.6



#16
Acetone
Concen: 300.189 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.036 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Tgt Ion: 43 Resp: 269145
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1

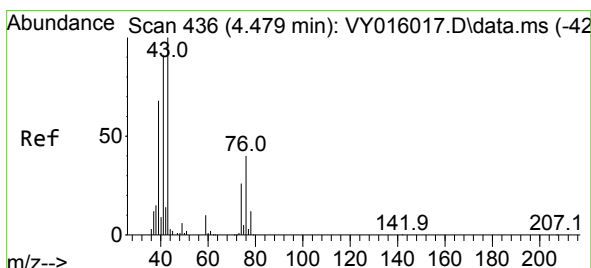
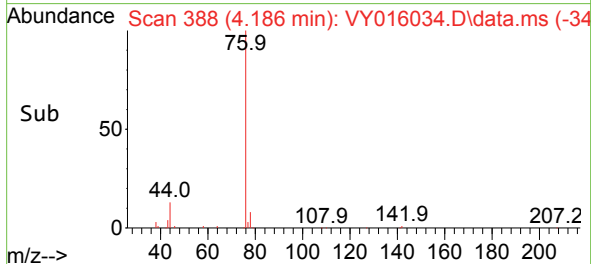
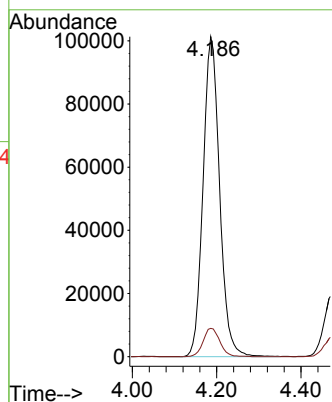
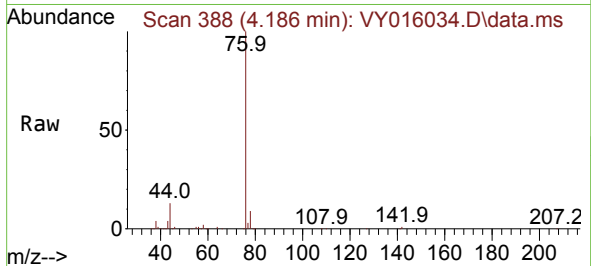




#17
Carbon Disulfide
Concen: 46.278 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

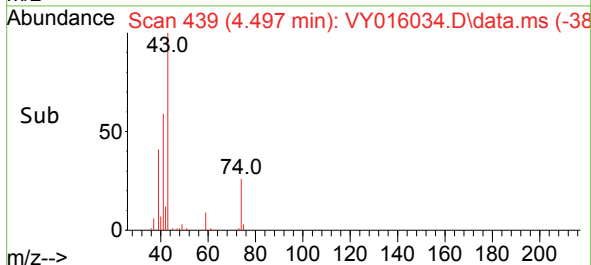
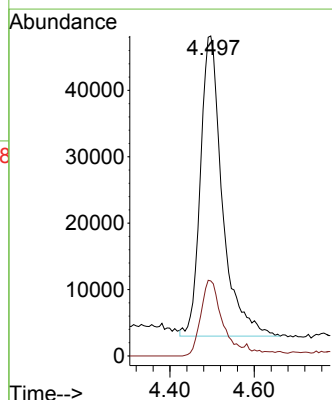
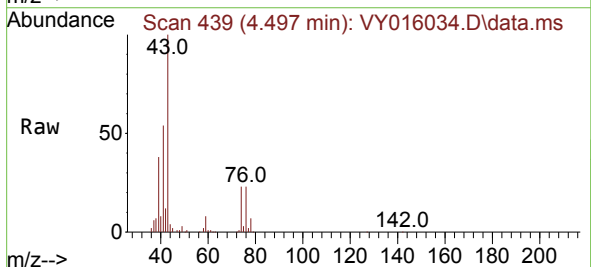
Instrument :
MSVOA_Y
ClientSampleId :

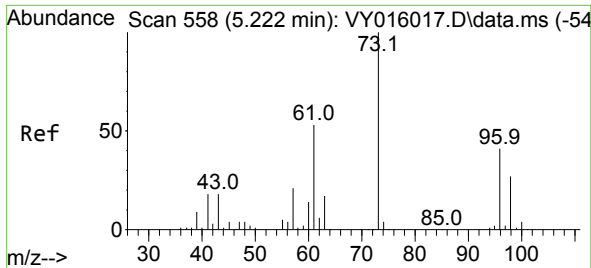
Tgt Ion: 76 Resp: 276788
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 52.998 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Tgt Ion: 43 Resp: 163548
Ion Ratio Lower Upper
43 100
74 24.3 17.4 26.0

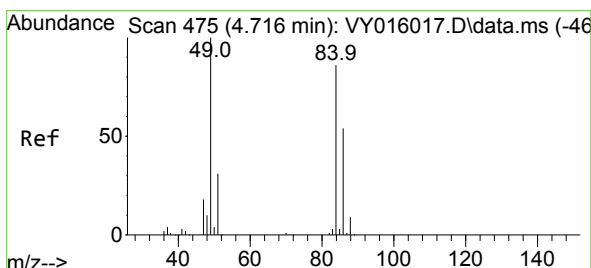
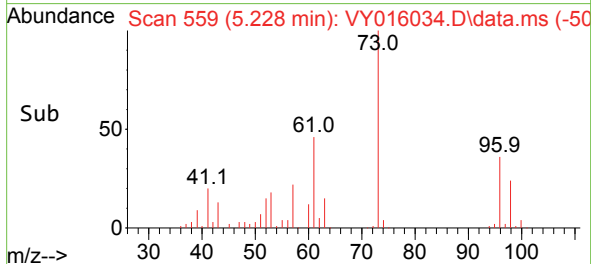
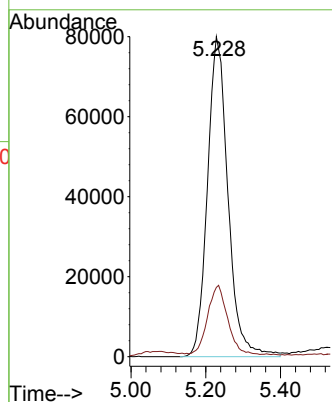
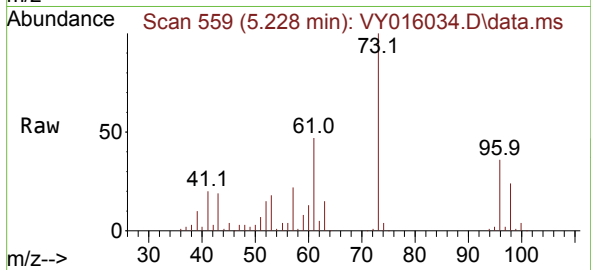




#19
Methyl tert-butyl Ether
Concen: 46.260 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

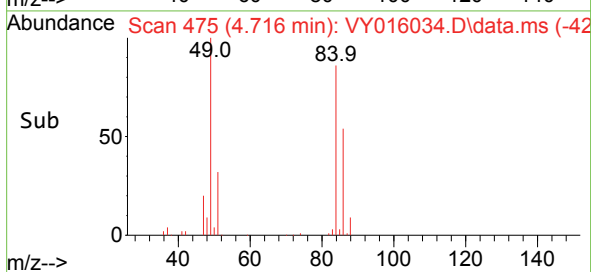
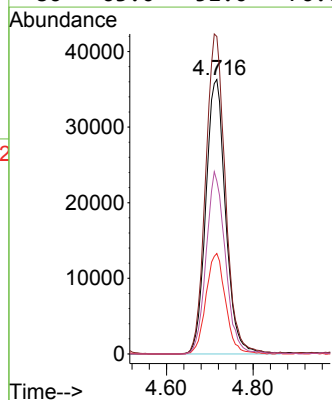
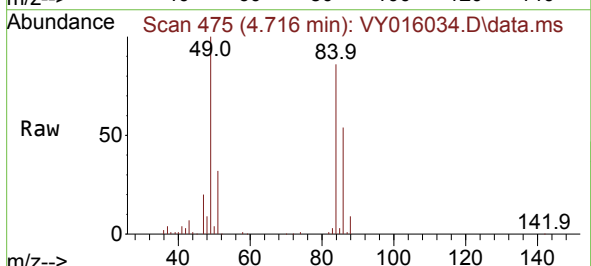
Instrument :
MSVOA_Y
ClientSampleId :

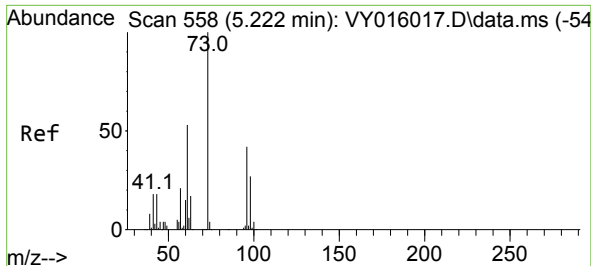
Tgt Ion: 73 Resp: 304678
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 43.196 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

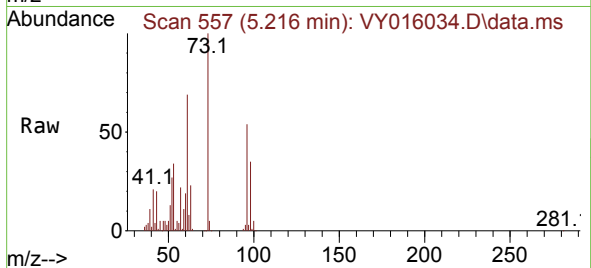
Tgt Ion: 84 Resp: 115055
Ion Ratio Lower Upper
84 100
49 115.7 106.9 160.3
51 36.6 33.2 49.8
86 63.0 51.0 76.6



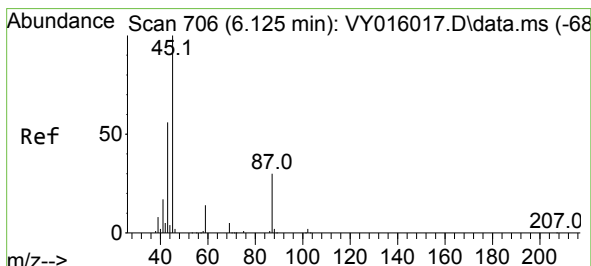
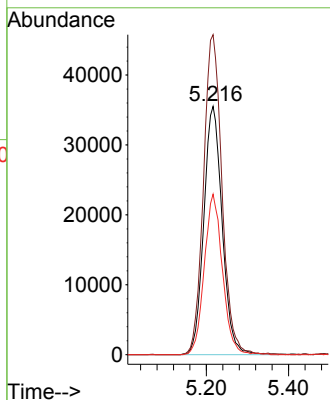
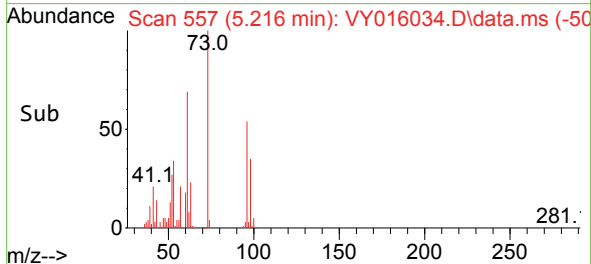


#21
trans-1,2-Dichloroethene
Concen: 46.402 ug/l
RT: 5.216 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Instrument :
MSVOA_Y
ClientSampleId :

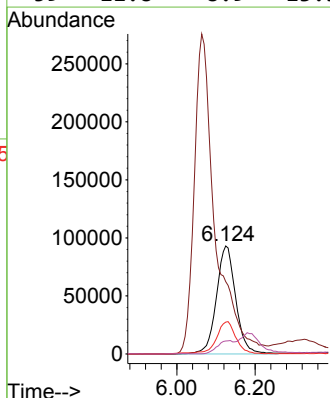
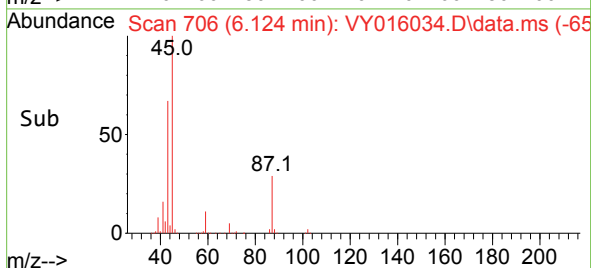
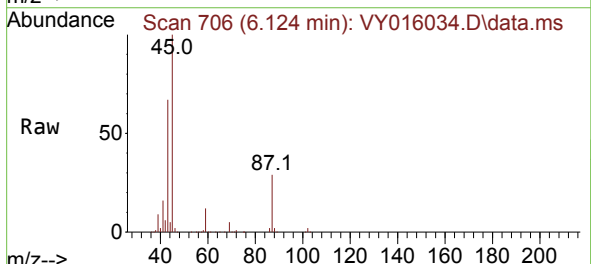


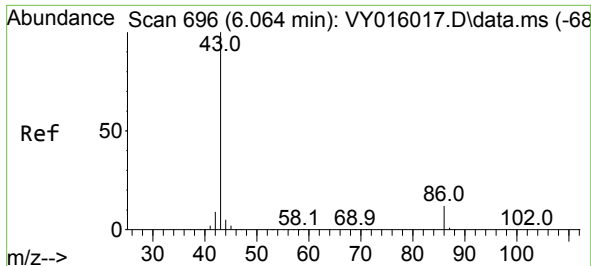
Tgt Ion: 96 Resp: 110317
Ion Ratio Lower Upper
96 100
61 128.8 110.2 165.4
98 64.6 51.8 77.6



#22
Diisopropyl ether
Concen: 45.921 ug/l
RT: 6.124 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Tgt Ion: 45 Resp: 319204
Ion Ratio Lower Upper
45 100
43 66.1 52.2 78.4
87 29.2 21.0 31.6
59 11.8 8.9 13.3

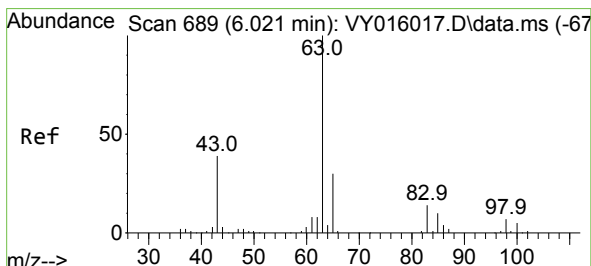
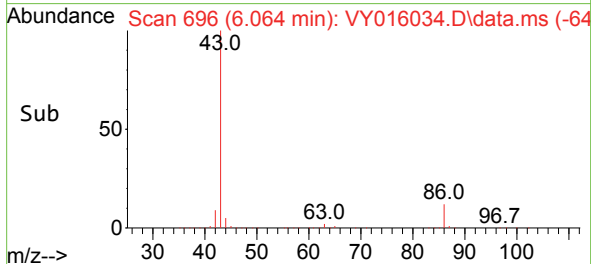
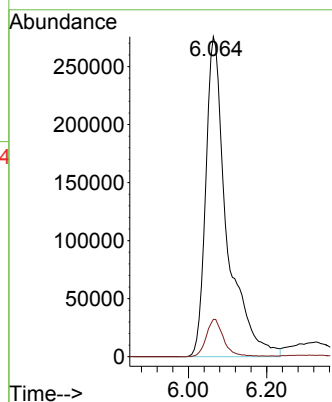
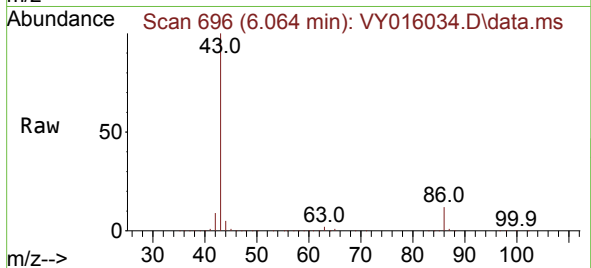




#23
 Vinyl Acetate
 Concen: 239.619 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY016034.D
 Acq: 19 Oct 2023 11:51

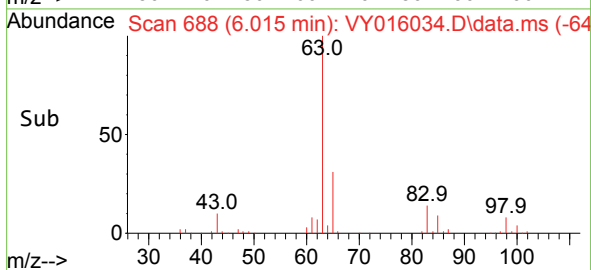
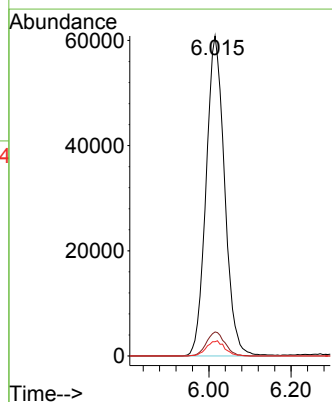
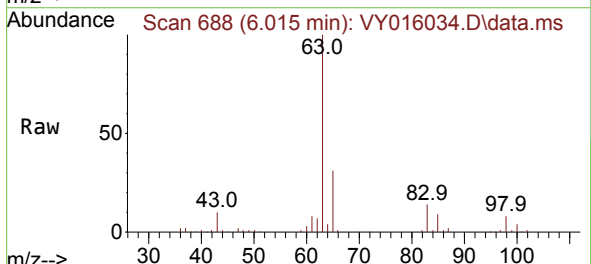
Instrument :
 MSVOA_Y
 ClientSampleId :

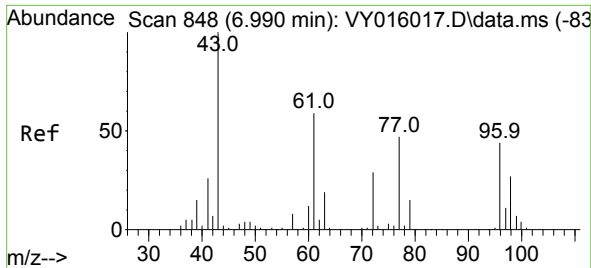
Tgt Ion: 43 Resp: 1033208
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 46.147 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016034.D
 Acq: 19 Oct 2023 11:51

Tgt Ion: 63 Resp: 190301
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.4 1.8 5.5

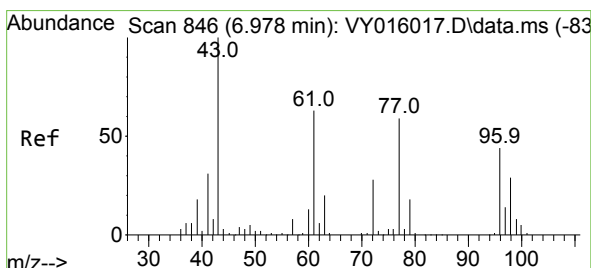
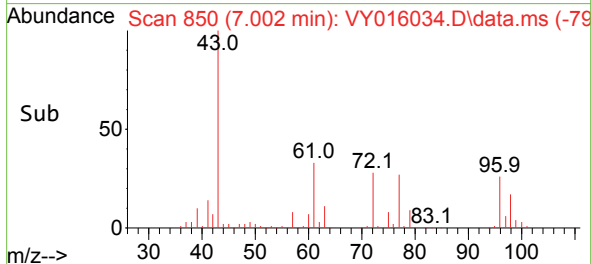
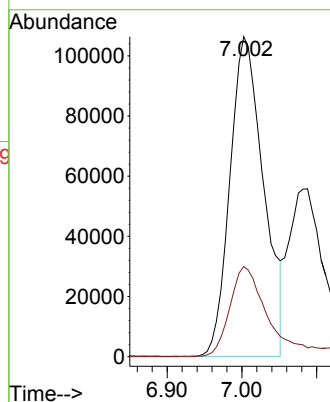
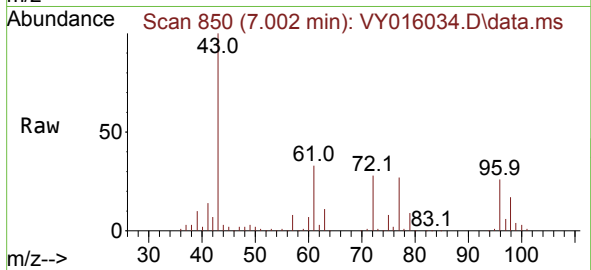




#25
2-Butanone
Concen: 270.746 ug/l
RT: 7.002 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

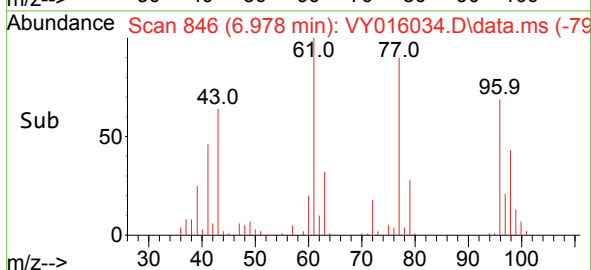
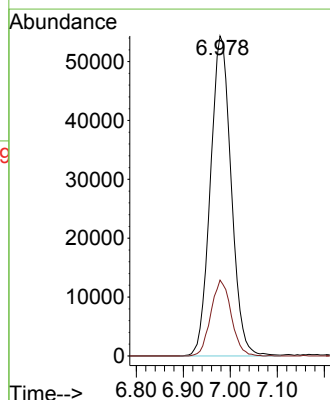
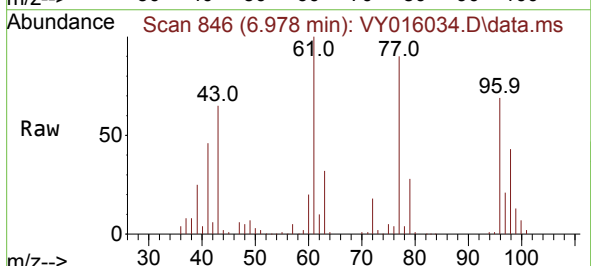
Instrument :
MSVOA_Y
ClientSampleId :

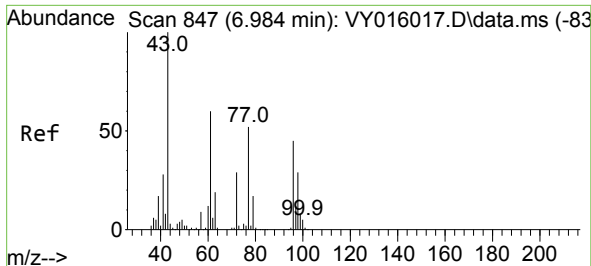
Tgt Ion: 43 Resp: 332499
Ion Ratio Lower Upper
43 100
72 28.2 20.5 30.7



#26
2,2-Dichloropropane
Concen: 45.062 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Tgt Ion: 77 Resp: 167194
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 45.020 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

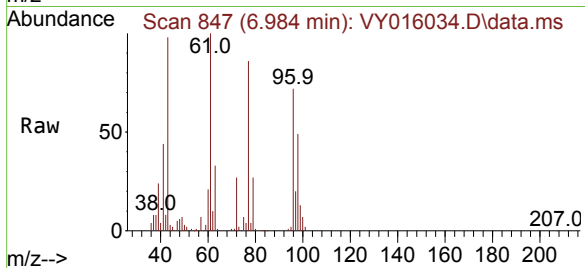
Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

Instrument :

MSVOA_Y

ClientSampleId :



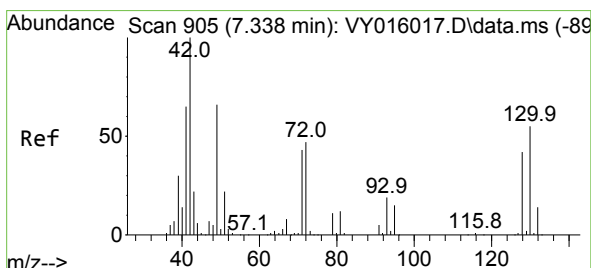
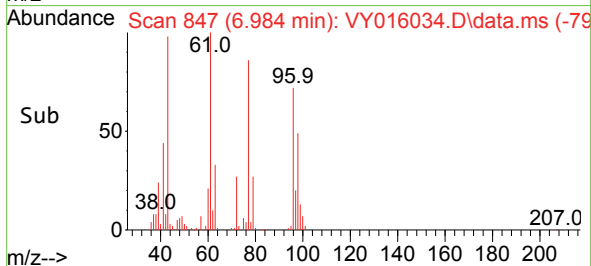
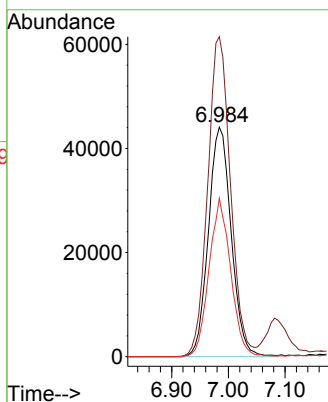
Tgt Ion: 96 Resp: 123264

Ion Ratio Lower Upper

96 100

61 138.8 0.0 301.4

98 65.5 0.0 130.4



#28

Bromochloromethane

Concen: 50.163 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

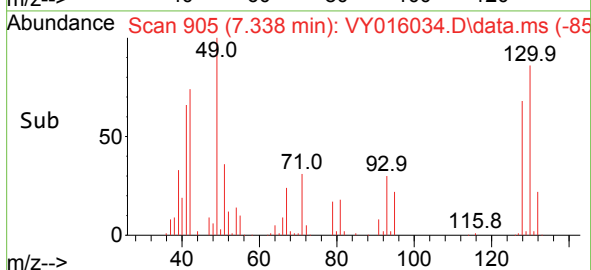
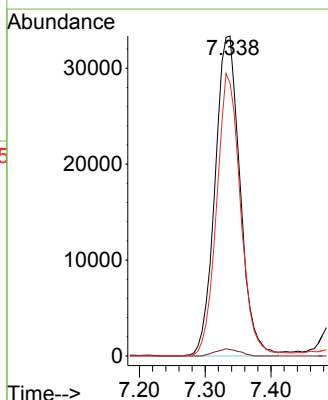
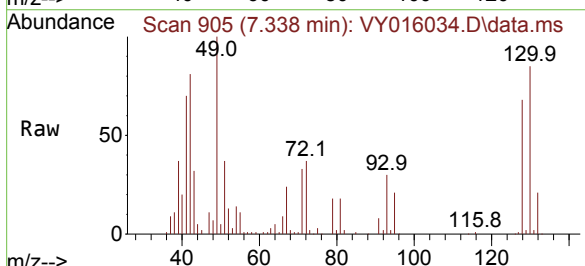
Tgt Ion: 49 Resp: 88469

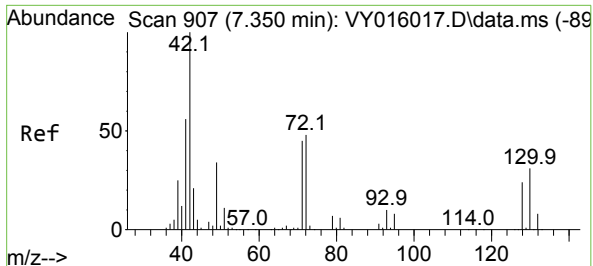
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 84.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 299.085 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

Instrument :

MSVOA_Y

ClientSampleId :

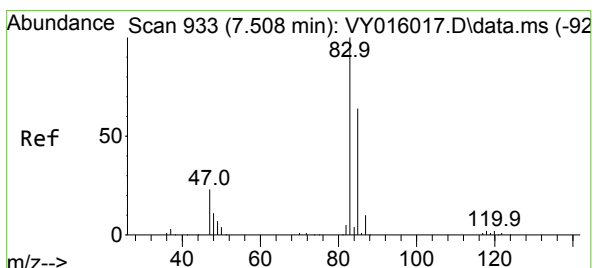
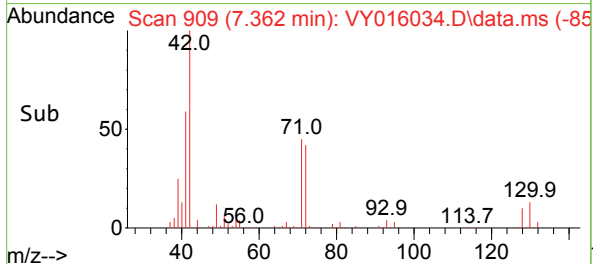
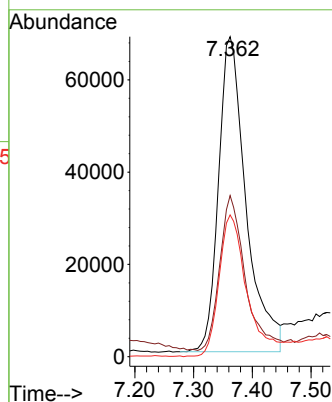
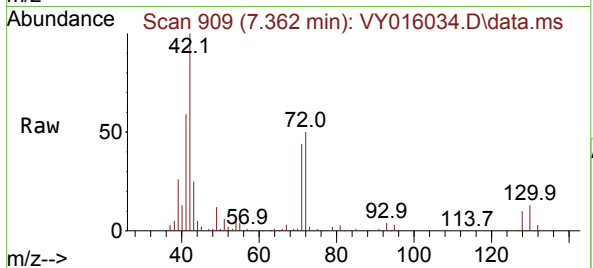
Tgt Ion: 42 Resp: 222327

Ion Ratio Lower Upper

42 100

72 45.7 32.8 49.2

71 46.1 31.0 46.4



#30

Chloroform

Concen: 45.358 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY016034.D

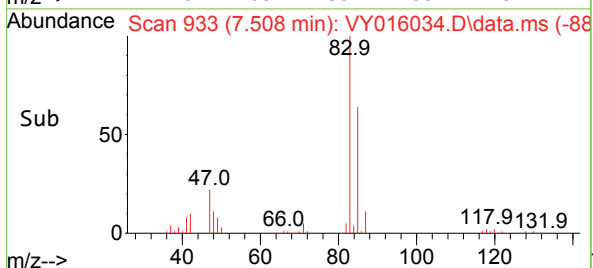
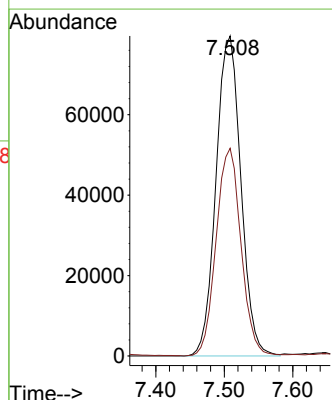
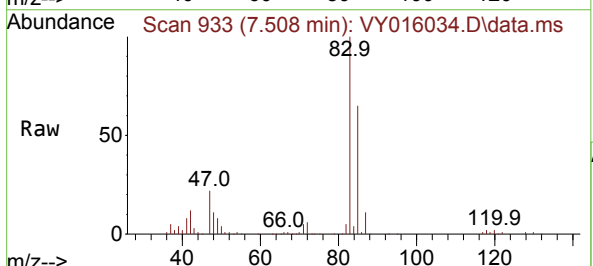
Acq: 19 Oct 2023 11:51

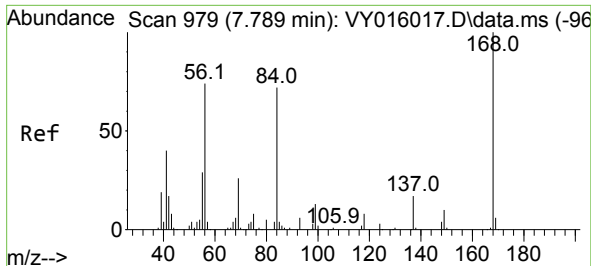
Tgt Ion: 83 Resp: 200554

Ion Ratio Lower Upper

83 100

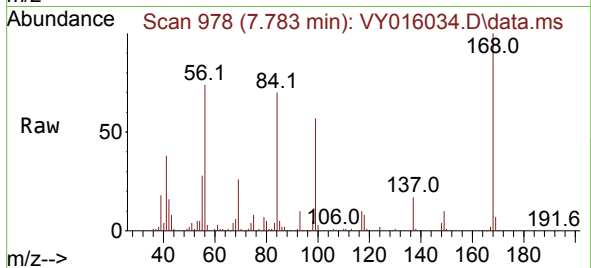
85 64.8 49.7 74.5



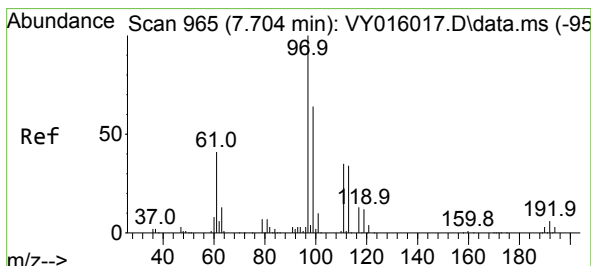
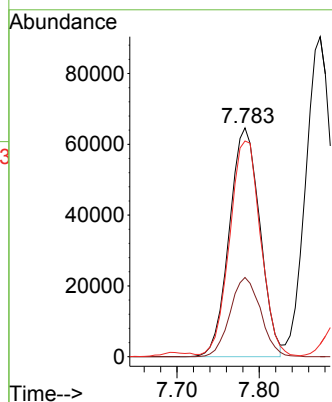
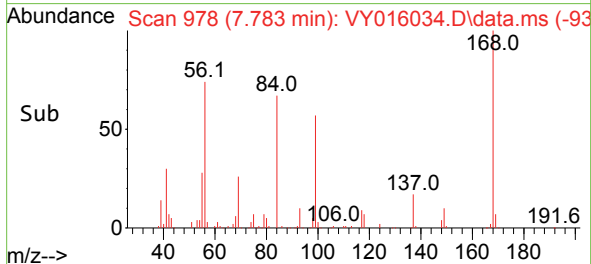


#31
Cyclohexane
Concen: 44.173 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Instrument :
MSVOA_Y
ClientSampleId :

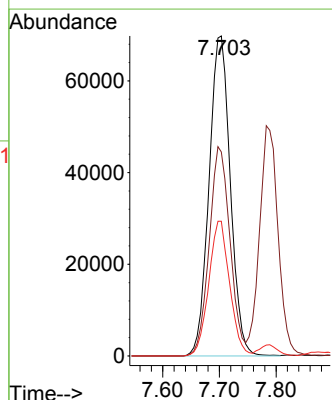
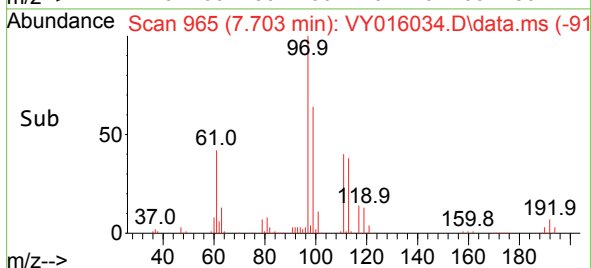
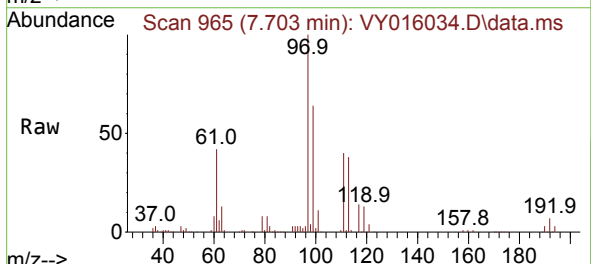


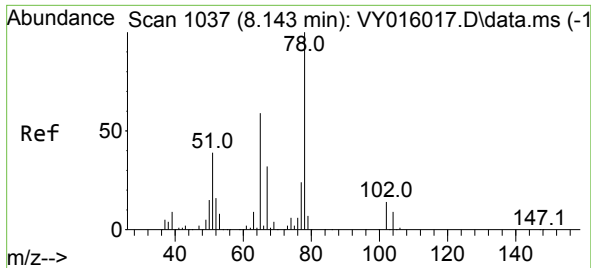
Tgt Ion: 56 Resp: 167228
Ion Ratio Lower Upper
56 100
69 34.6 27.8 41.6
84 92.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 45.964 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Tgt Ion: 97 Resp: 181843
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 41.4 35.1 52.7

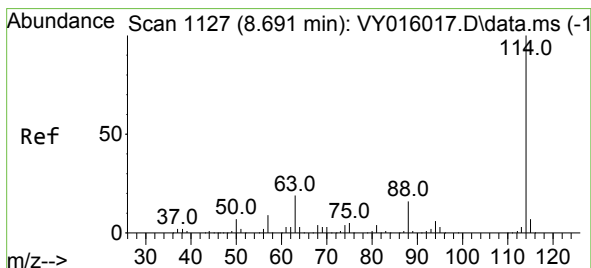
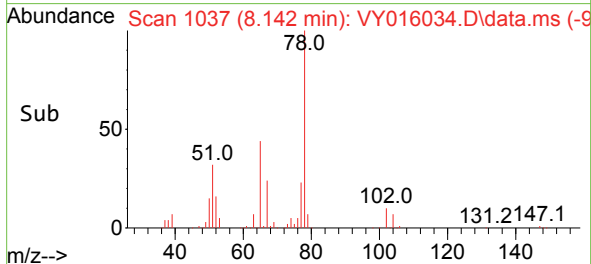
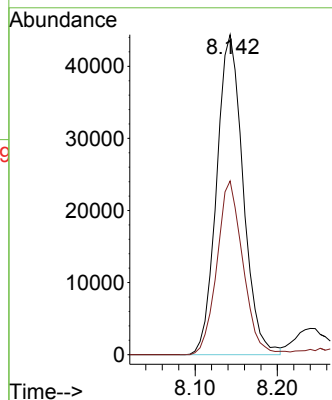
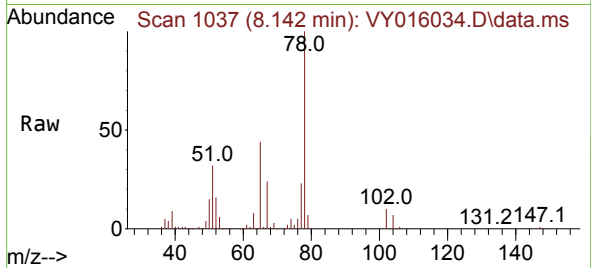




#33
 1,2-Dichloroethane-d4
 Concen: 41.067 ug/l
 RT: 8.142 min Scan# 1103
 Delta R.T. -0.000 min
 Lab File: VY016034.D
 Acq: 19 Oct 2023 11:51

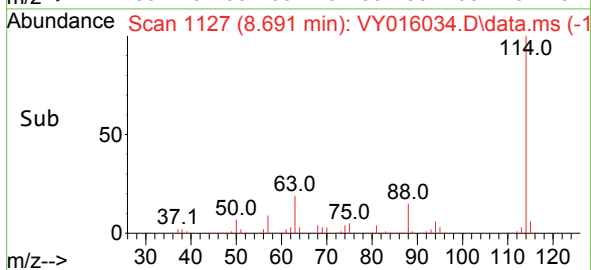
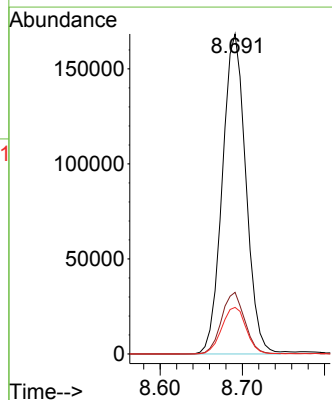
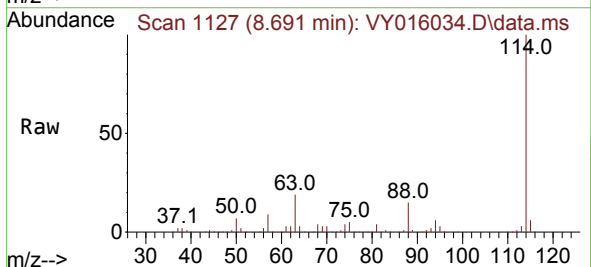
Instrument :
 MSVOA_Y
 ClientSampleId :

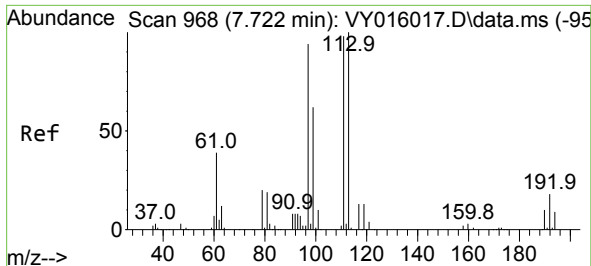
Tgt Ion: 65 Resp: 99329
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY016034.D
 Acq: 19 Oct 2023 11:51

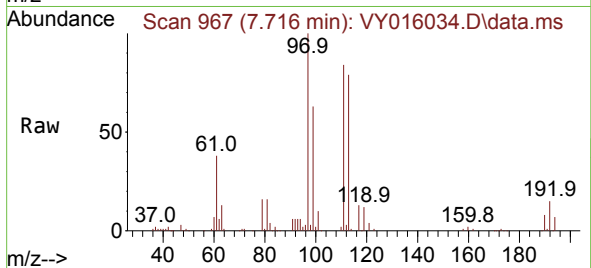
Tgt Ion:114 Resp: 334796
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 14.6 0.0 30.6



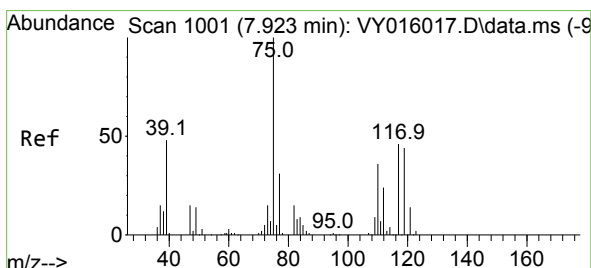
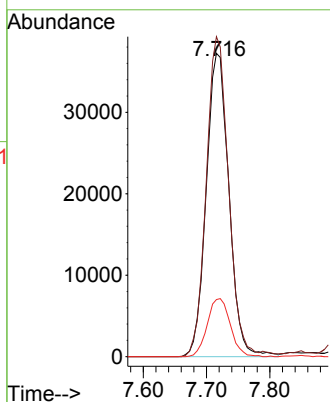
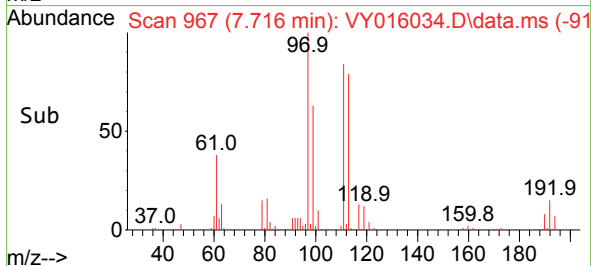


#35
Dibromofluoromethane
Concen: 42.178 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Instrument :
MSVOA_Y
ClientSampleId :

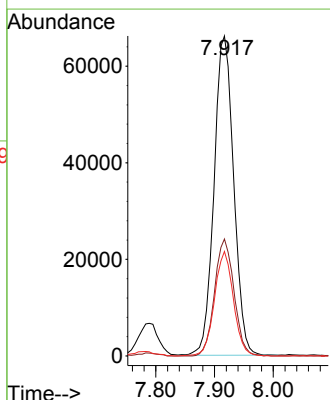
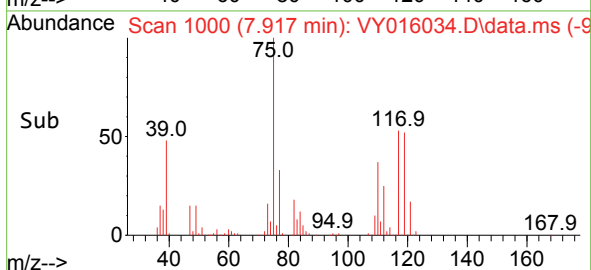
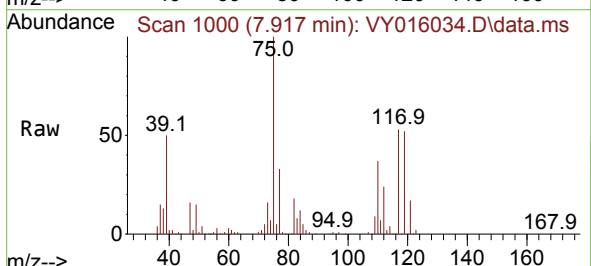


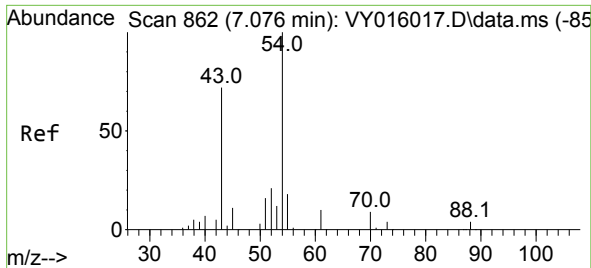
Tgt Ion:113 Resp: 92946
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 46.281 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

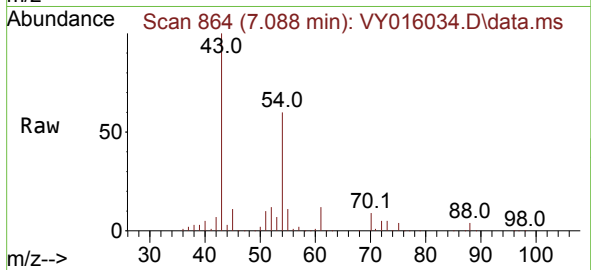
Tgt Ion: 75 Resp: 153439
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 31.7 24.4 36.6



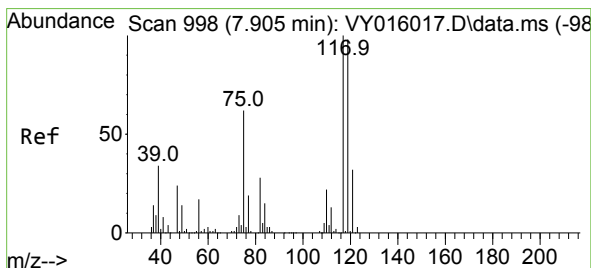
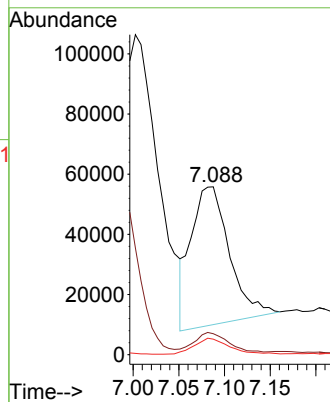
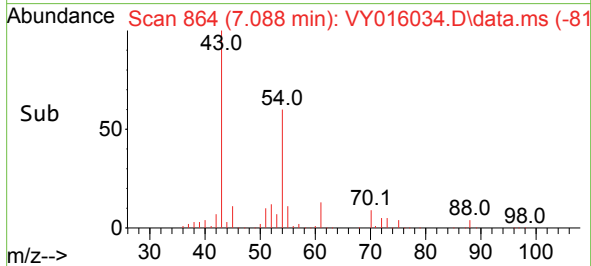


#37
Ethyl Acetate
Concen: 56.534 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.012 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Instrument :
MSVOA_Y
ClientSampleId :

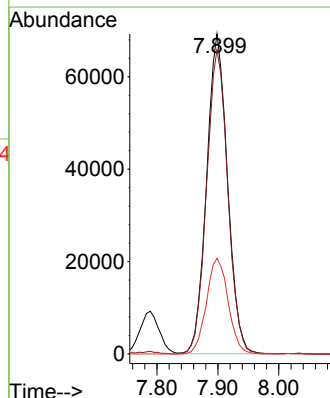
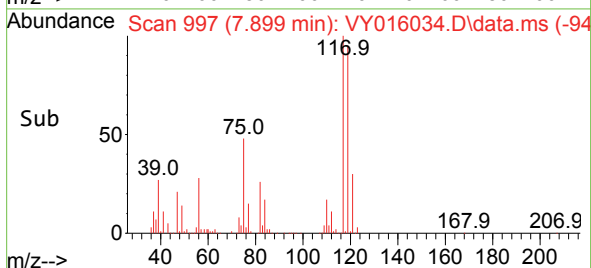
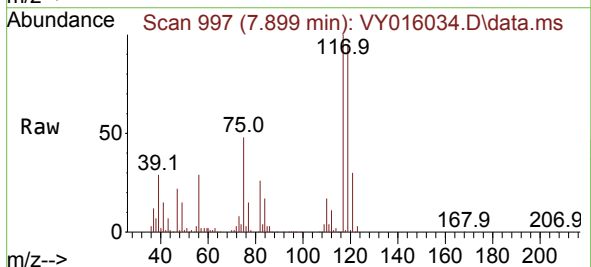


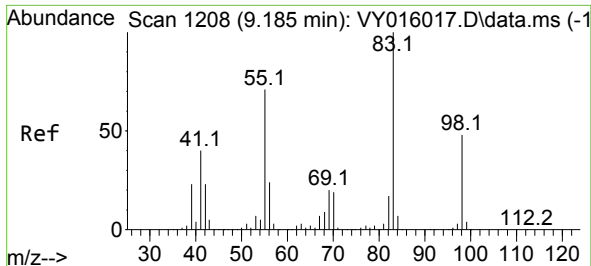
Tgt Ion: 43 Resp: 135106
Ion Ratio Lower Upper
43 100
61 12.6 10.1 15.1
70 10.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 46.852 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Tgt Ion:117 Resp: 165097
Ion Ratio Lower Upper
117 100
119 95.1 76.4 114.6
121 29.9 25.8 38.6

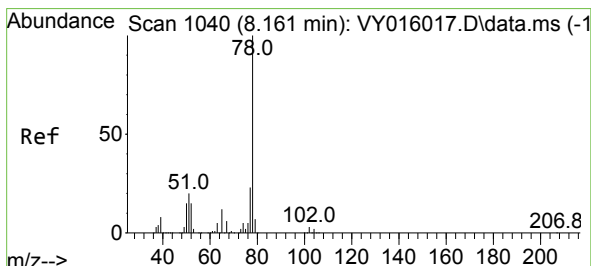
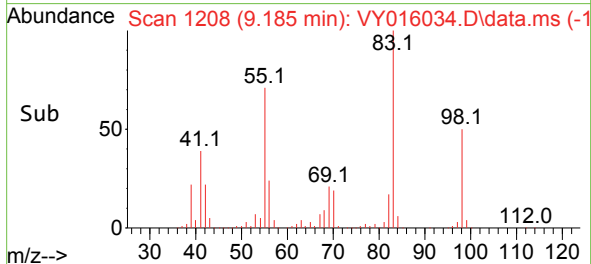
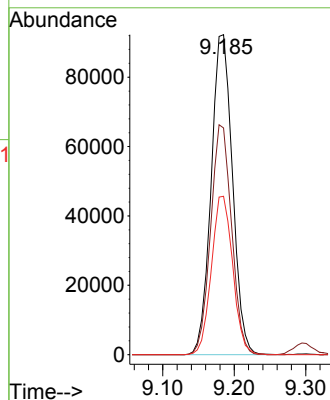
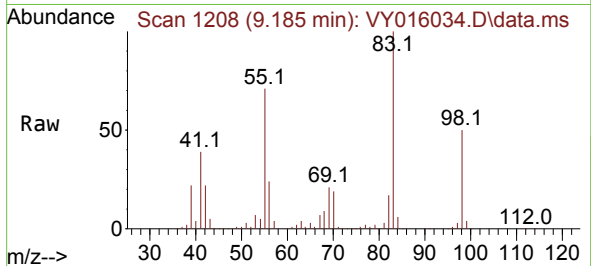




#39
Methylcyclohexane
Concen: 46.112 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

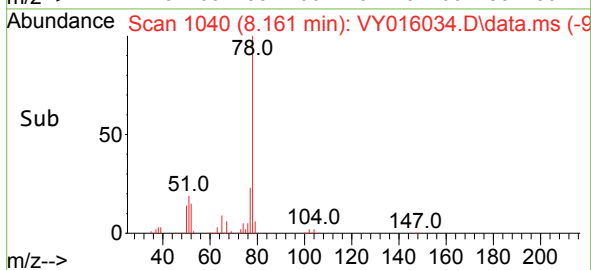
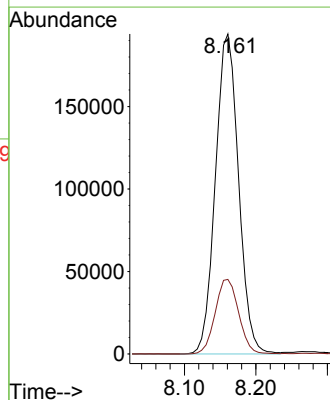
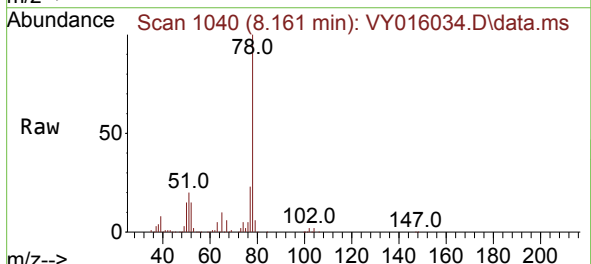
Instrument :
MSVOA_Y
ClientSampleId :

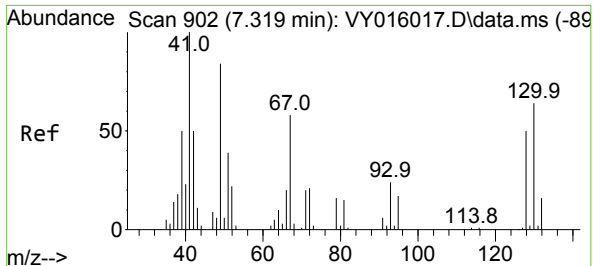
Tgt Ion: 83 Resp: 191057
Ion Ratio Lower Upper
83 100
55 70.8 63.0 94.4
98 49.5 37.4 56.2



#40
Benzene
Concen: 46.664 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Tgt Ion: 78 Resp: 436038
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6

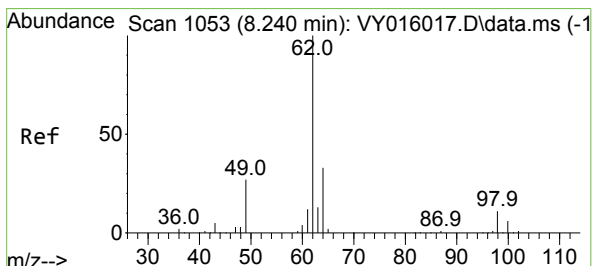
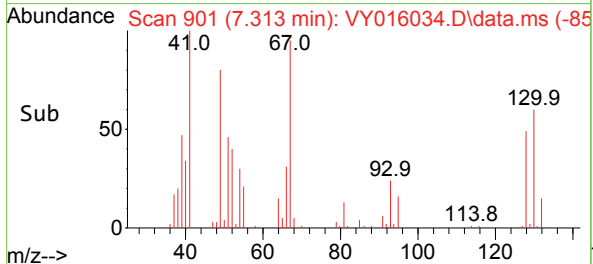
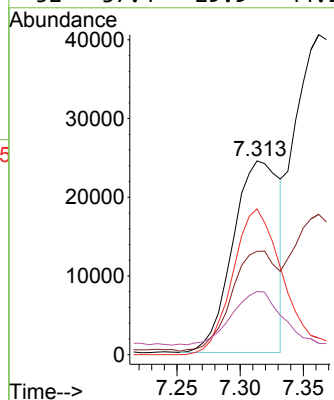
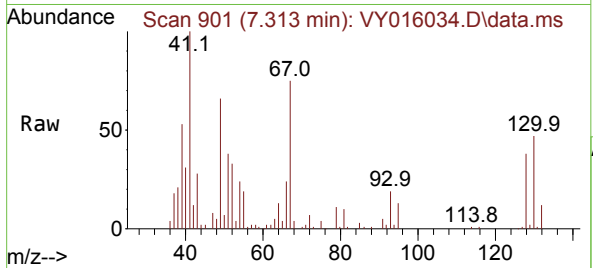




#41
Methacrylonitrile
Concen: 50.127 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

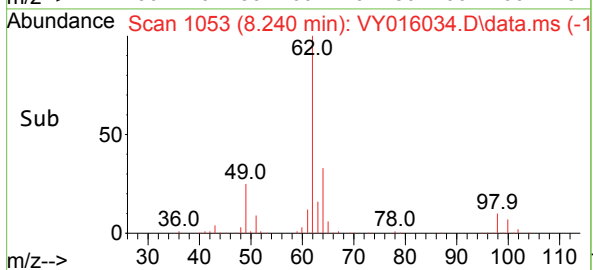
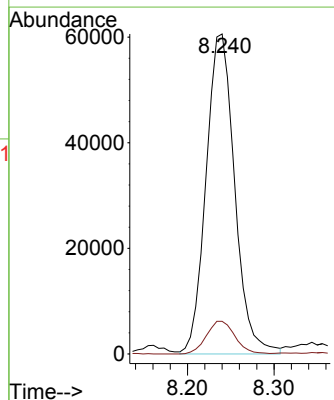
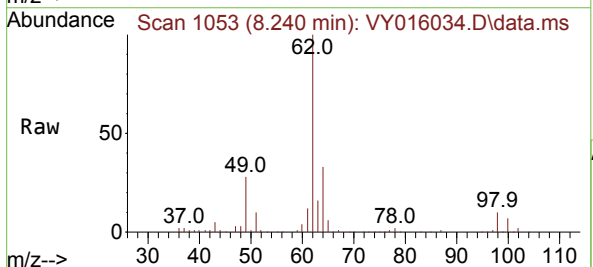
Instrument :
MSVOA_Y
ClientSampleId :

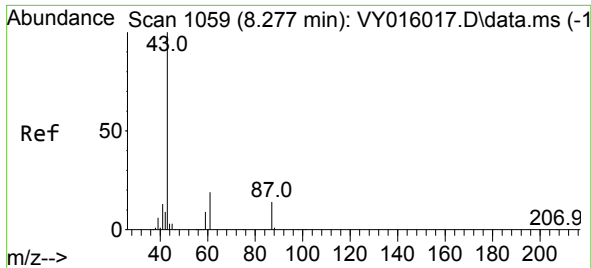
Tgt Ion: 41 Resp: 62145
Ion Ratio Lower Upper
41 100
39 52.1 52.1 78.1
67 87.4 66.2 99.2
52 37.4 29.9 44.9



#42
1,2-Dichloroethane
Concen: 46.297 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

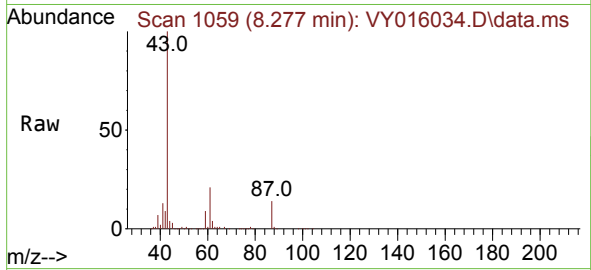
Tgt Ion: 62 Resp: 139352
Ion Ratio Lower Upper
62 100
98 10.2 0.0 15.8



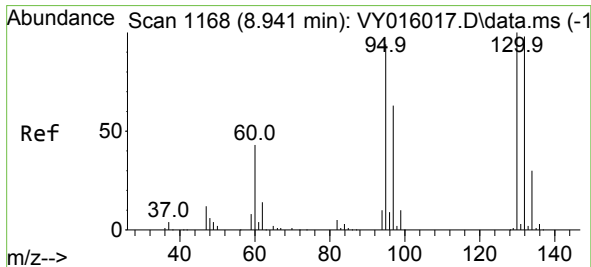
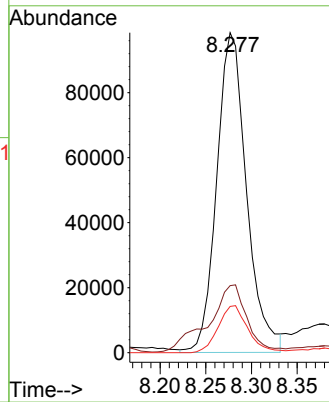
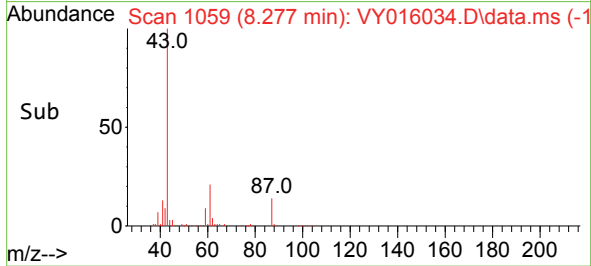


#43
Isopropyl Acetate
Concen: 53.482 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Instrument :
MSVOA_Y
ClientSampleId :

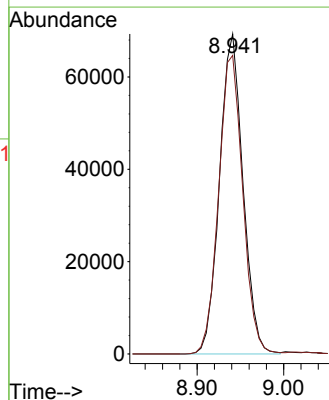
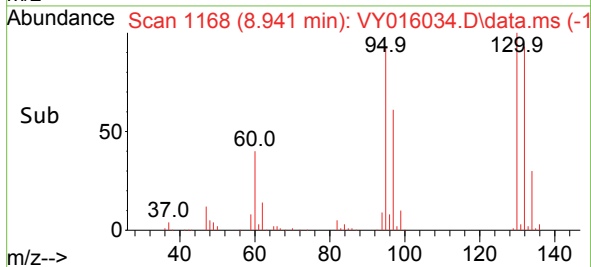
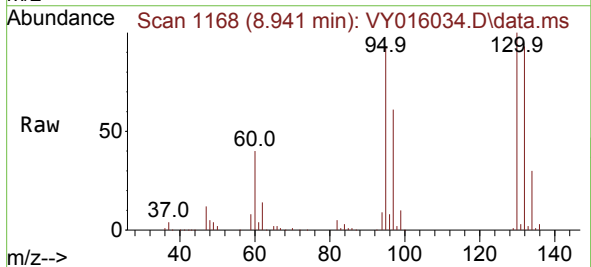


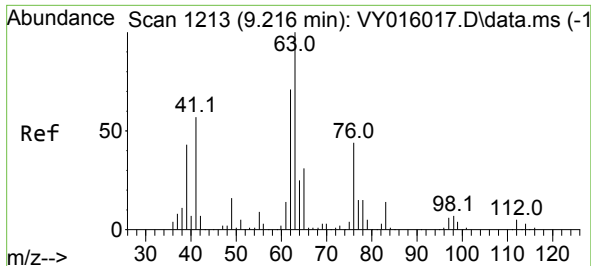
Tgt Ion: 43 Resp: 223462
Ion Ratio Lower Upper
43 100
61 28.0 21.1 31.7
87 14.7 9.8 14.8



#44
Trichloroethene
Concen: 49.719 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Tgt Ion:130 Resp: 130262
Ion Ratio Lower Upper
130 100
95 93.3 0.0 196.0

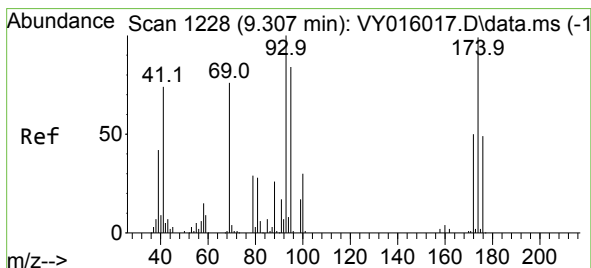
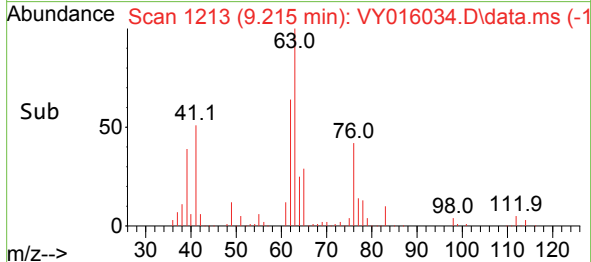
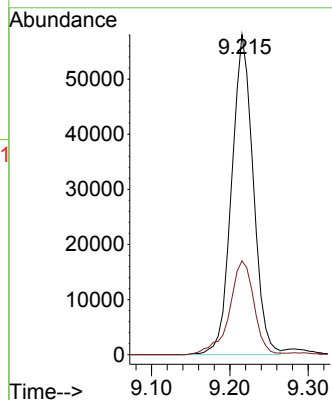
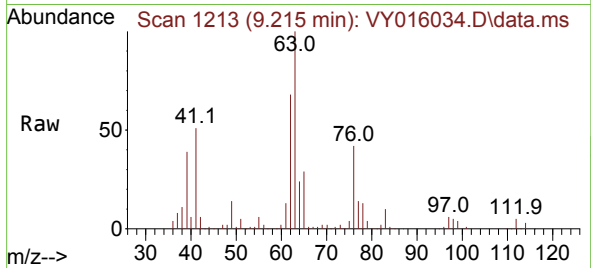




#45
1,2-Dichloropropane
Concen: 47.504 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

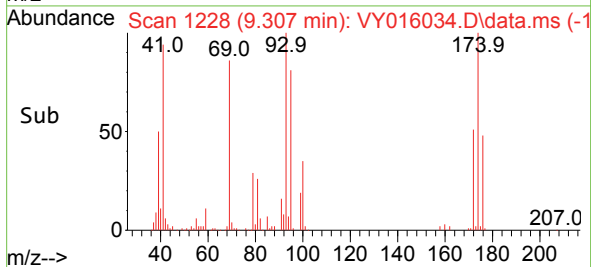
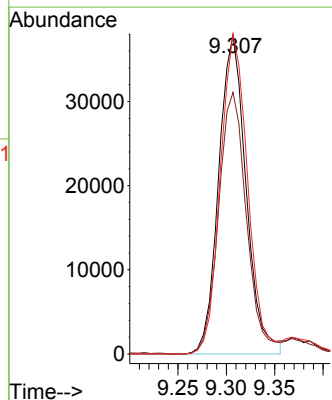
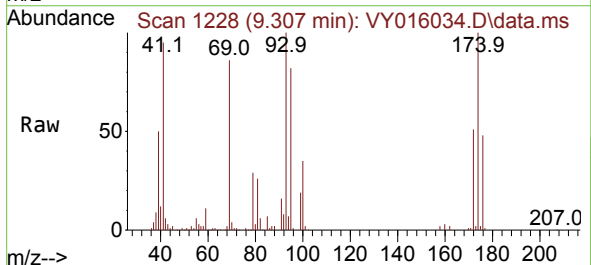
Instrument :
MSVOA_Y
ClientSampleId :

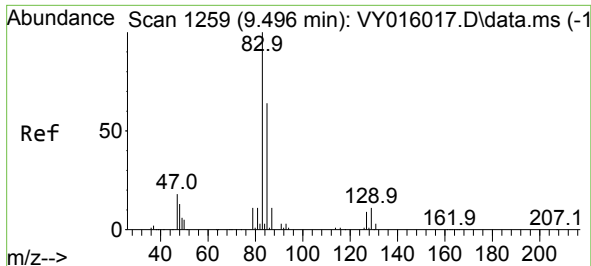
Tgt Ion: 63 Resp: 111088
Ion Ratio Lower Upper
63 100
65 29.3 23.8 35.6



#46
Dibromomethane
Concen: 47.904 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

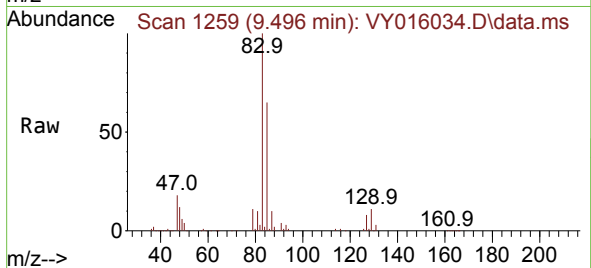
Tgt Ion: 93 Resp: 74370
Ion Ratio Lower Upper
93 100
95 83.6 66.6 100.0
174 100.4 84.8 127.2





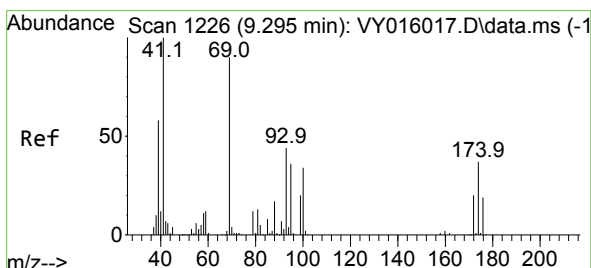
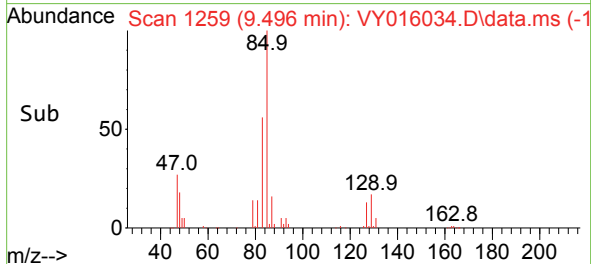
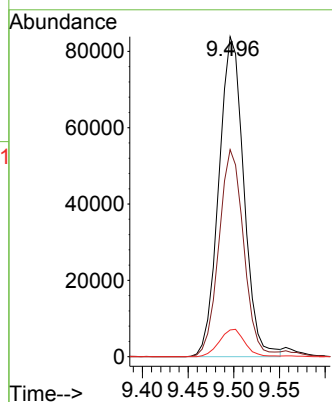
#47
 Bromodichloromethane
 Concen: 46.956 ug/l
 RT: 9.496 min Scan# 1259
 Delta R.T. -0.000 min
 Lab File: VY016034.D
 Acq: 19 Oct 2023 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 83 Resp: 159775

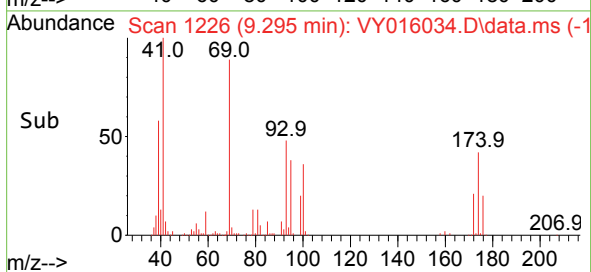
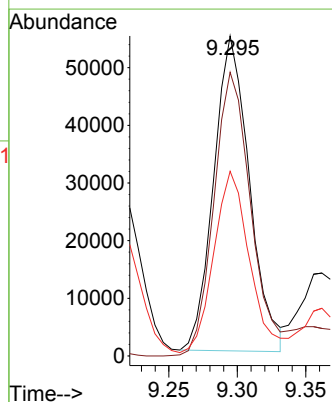
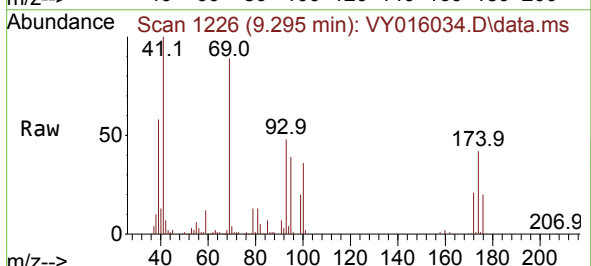
Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.1	75.1
127	8.3	7.1	10.7

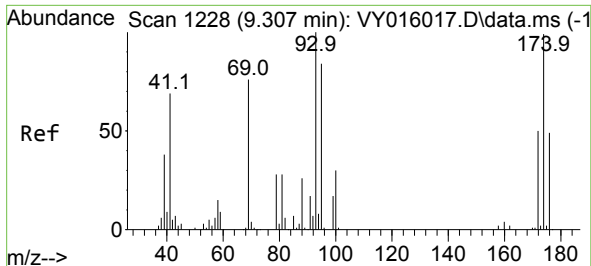


#48
 Methyl methacrylate
 Concen: 52.124 ug/l
 RT: 9.295 min Scan# 1226
 Delta R.T. -0.000 min
 Lab File: VY016034.D
 Acq: 19 Oct 2023 11:51

Tgt Ion: 41 Resp: 99135

Ion	Ratio	Lower	Upper
41	100		
69	94.3	64.5	96.7
39	57.8	50.8	76.2





#49

1,4-Dioxane

Concen: 1574.016 ug/l

RT: 9.362 min Scan# 1

Delta R.T. 0.055 min

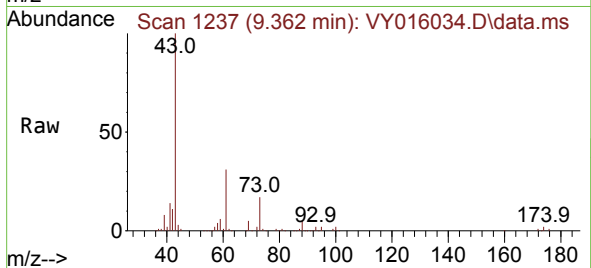
Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

Instrument :

MSVOA_Y

ClientSampleId :



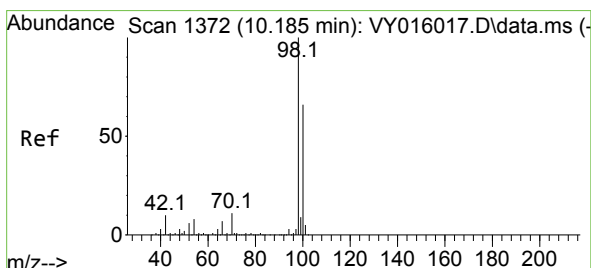
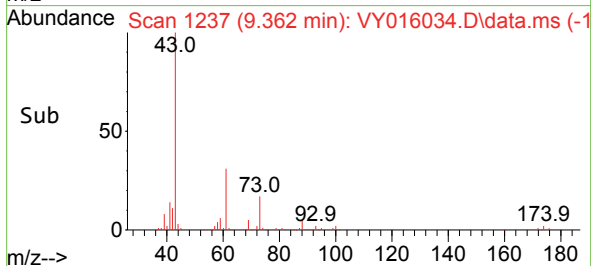
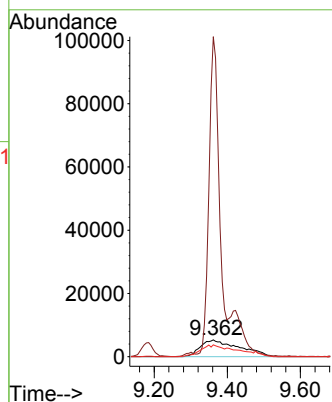
Tgt Ion: 88 Resp: 38911

Ion Ratio Lower Upper

88 100

43 501.6 0.0 0.0#

58 21.3 30.9 46.3#



#50

Toluene-d8

Concen: 43.351 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY016034.D

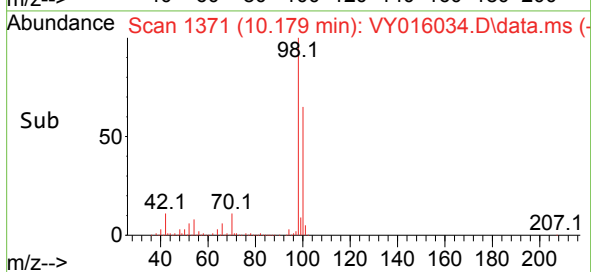
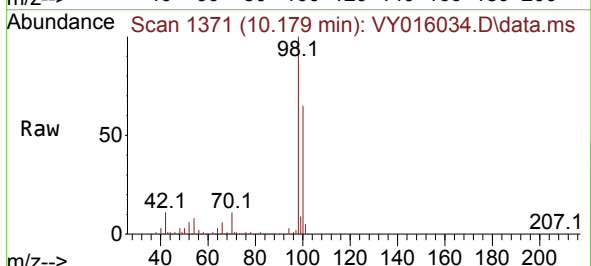
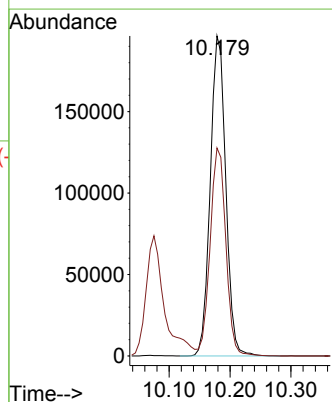
Acq: 19 Oct 2023 11:51

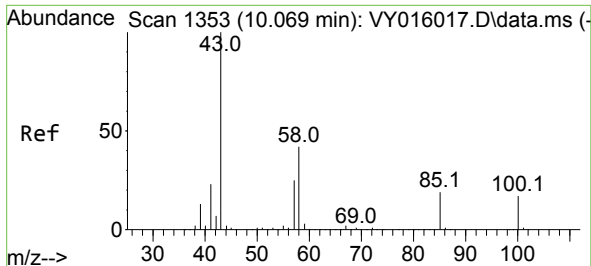
Tgt Ion: 98 Resp: 346952

Ion Ratio Lower Upper

98 100

100 66.1 50.1 75.1

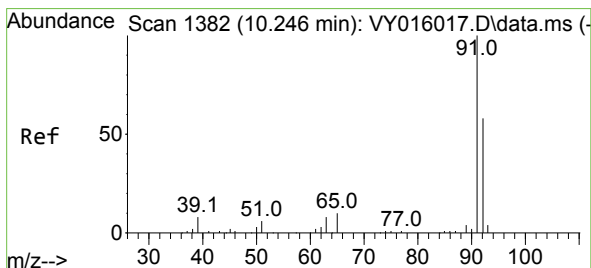
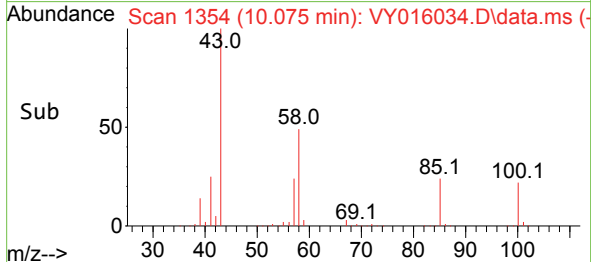
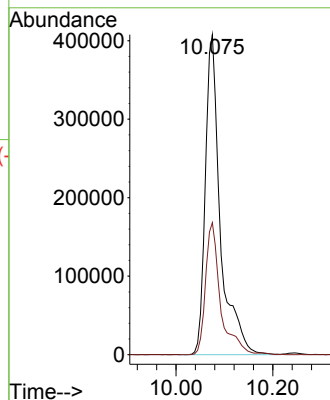
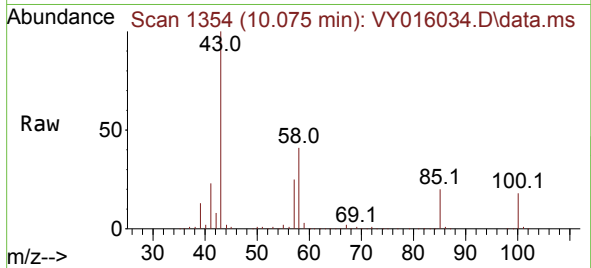




#51
4-Methyl-2-Pentanone
Concen: 365.698 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

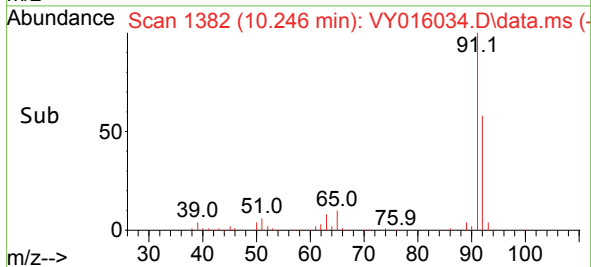
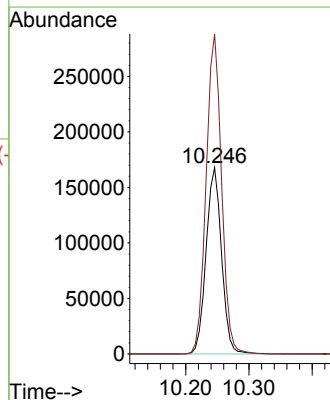
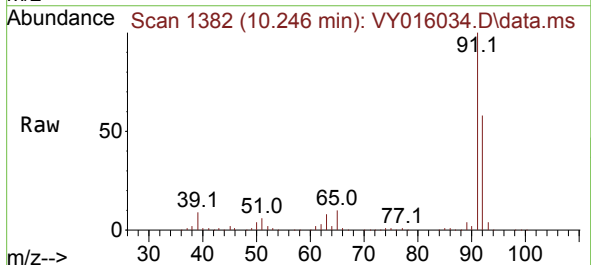
Instrument :
MSVOA_Y
ClientSampleId :

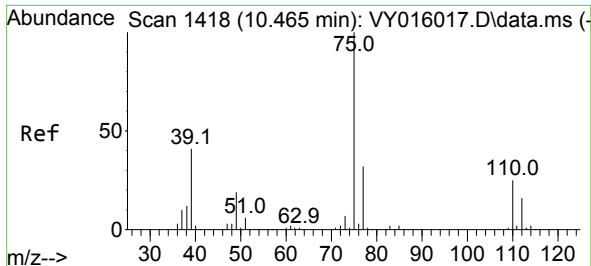
Tgt Ion: 43 Resp: 878682
Ion Ratio Lower Upper
43 100
58 41.1 29.0 43.6



#52
Toluene
Concen: 47.086 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Tgt Ion: 92 Resp: 285376
Ion Ratio Lower Upper
92 100
91 171.6 143.8 215.6

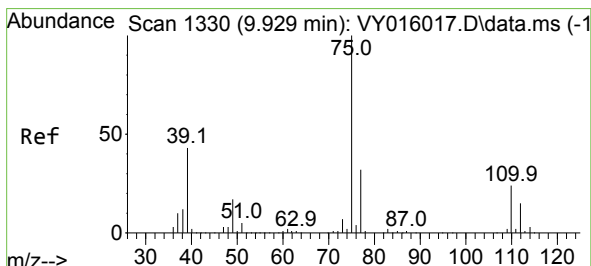
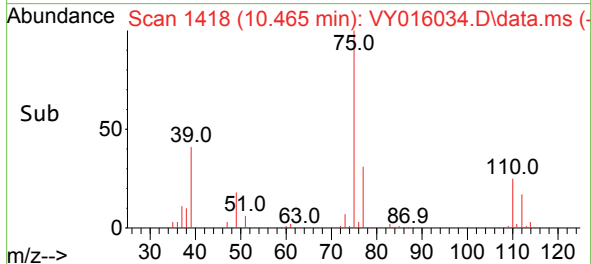
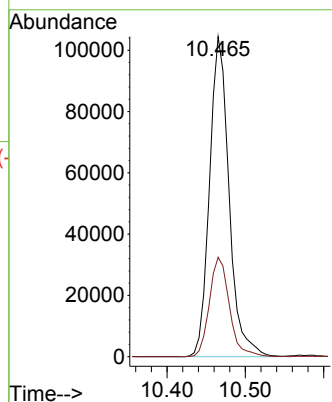
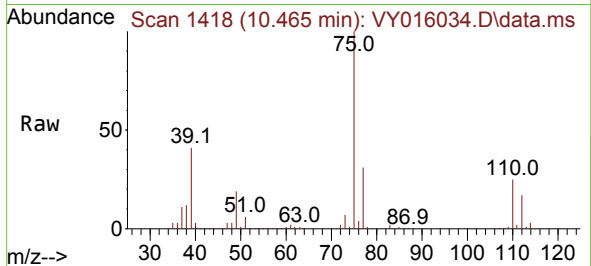




#53
t-1,3-Dichloropropene
Concen: 49.028 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

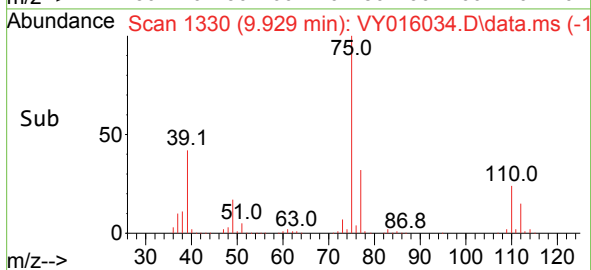
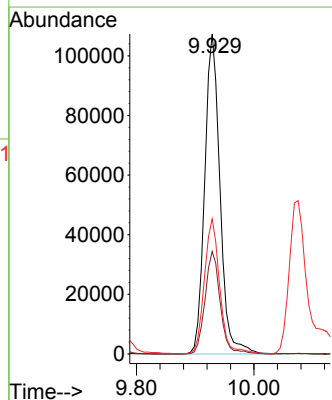
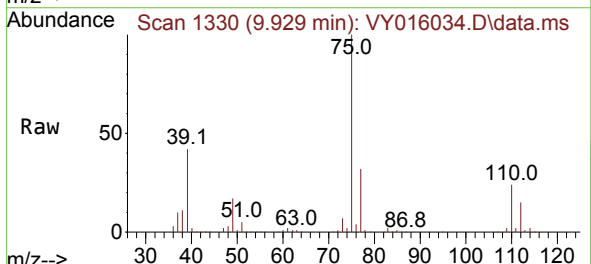
Instrument :
MSVOA_Y
ClientSampleId :

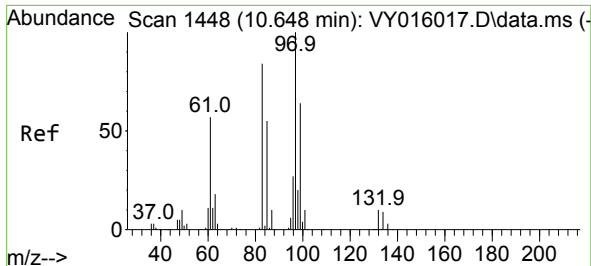
Tgt Ion: 75 Resp: 180719
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 48.248 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

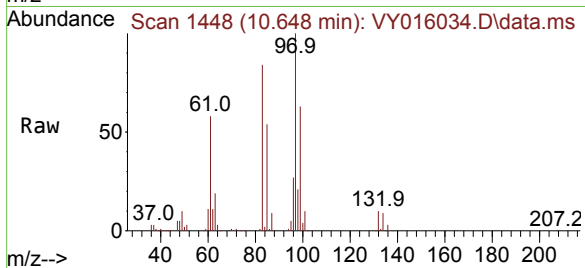
Tgt Ion: 75 Resp: 193858
Ion Ratio Lower Upper
75 100
77 32.0 24.2 36.4
39 42.1 42.2 63.4#



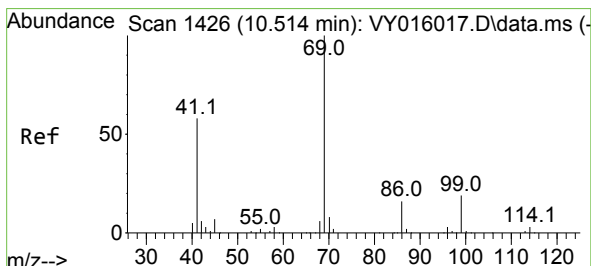
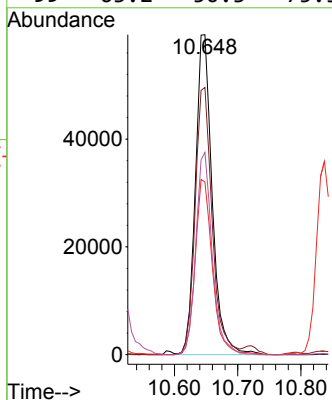
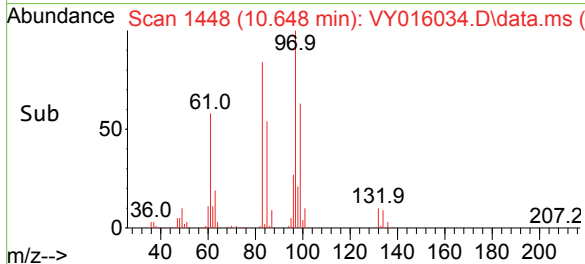


#55
1,1,2-Trichloroethane
Concen: 51.629 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Instrument :
MSVOA_Y
ClientSampleId :

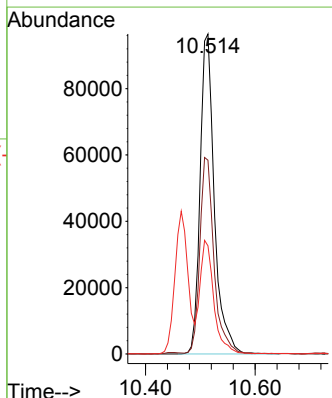
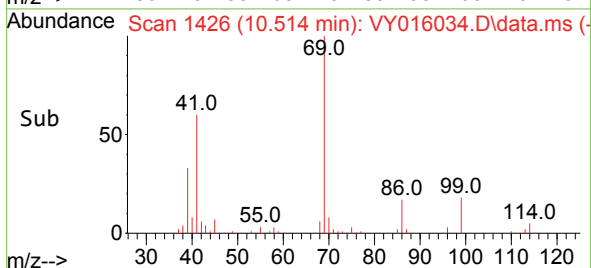
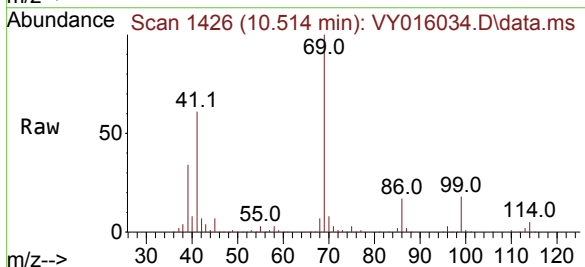


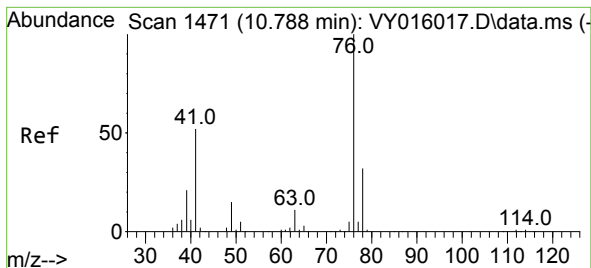
Tgt Ion:	97	Resp:	110118
Ion	Ratio	Lower	Upper
97	100		
83	83.5	72.0	108.0
85	53.9	45.4	68.0
99	63.2	50.3	75.5



#56
Ethyl methacrylate
Concen: 55.883 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Tgt Ion:	69	Resp:	174189
Ion	Ratio	Lower	Upper
69	100		
41	60.8	57.6	86.4
39	34.3	34.1	51.1

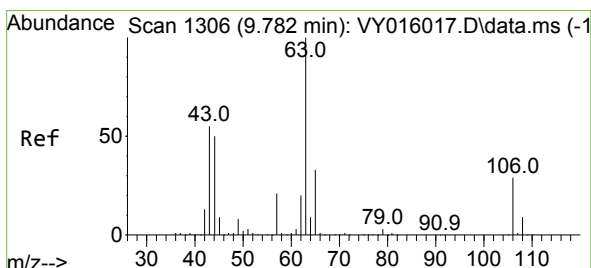
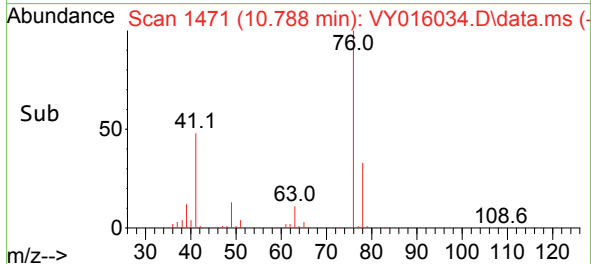
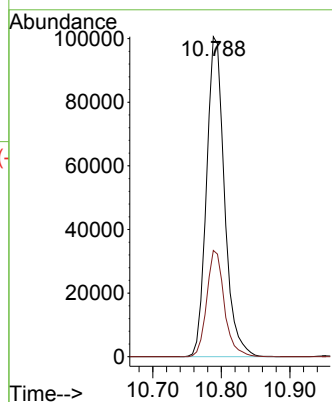
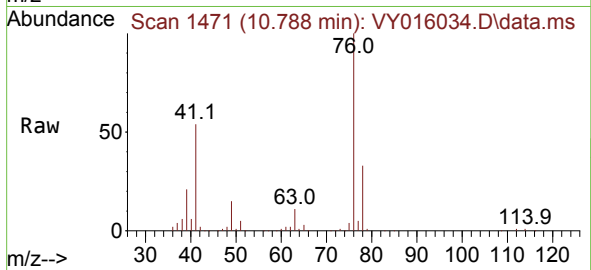




#57
1,3-Dichloropropane
Concen: 50.594 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

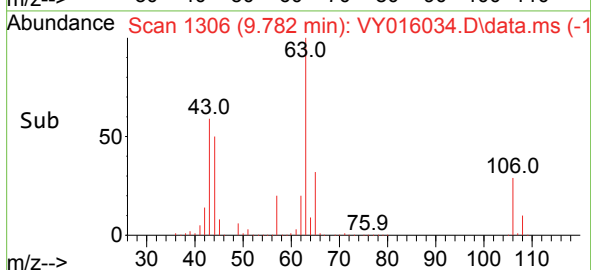
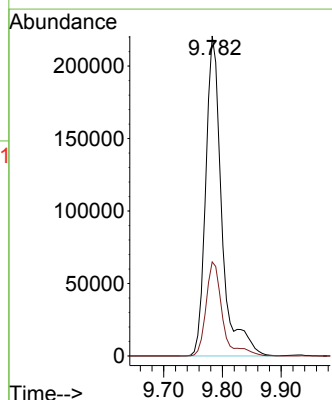
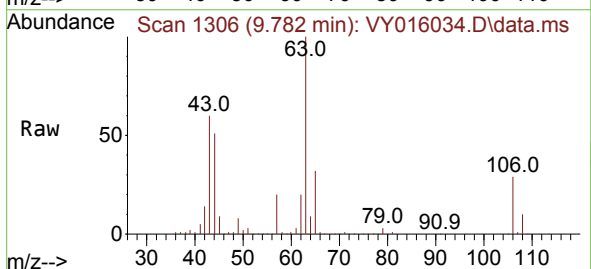
Instrument :
MSVOA_Y
ClientSampleId :

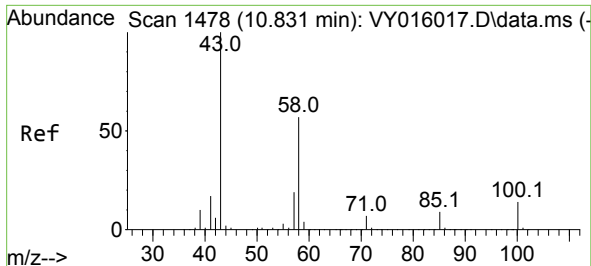
Tgt Ion: 76 Resp: 183062
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 280.595 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Tgt Ion: 63 Resp: 420103
Ion Ratio Lower Upper
63 100
106 29.9 21.2 31.8

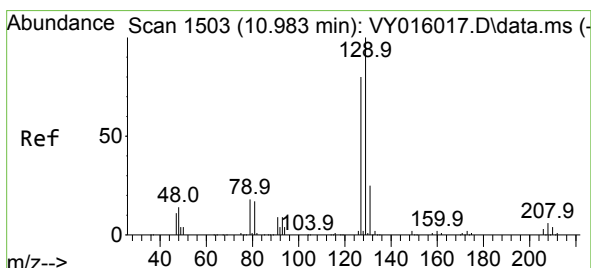
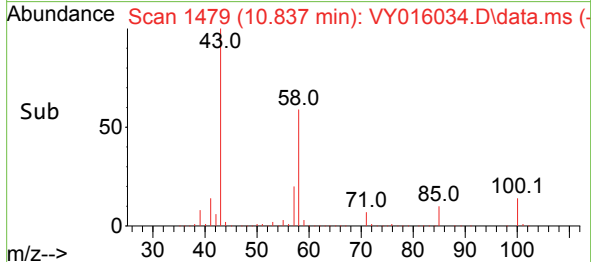
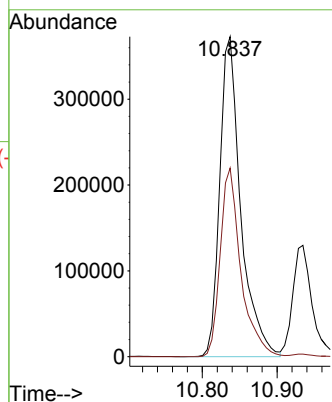
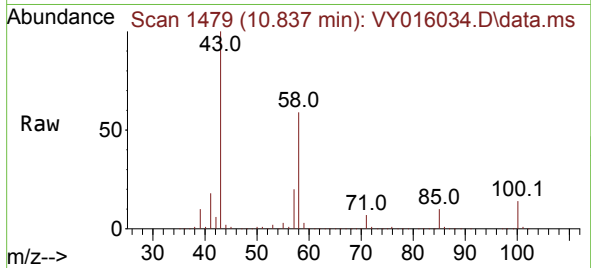




#59
2-Hexanone
Concen: 397.491 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

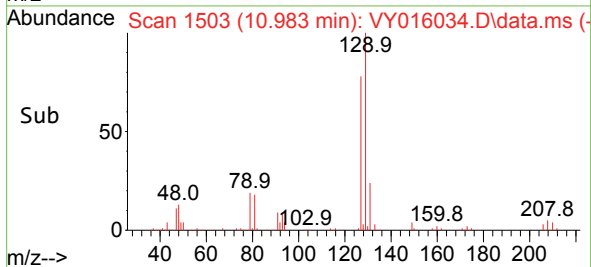
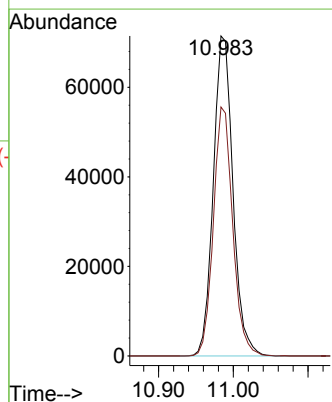
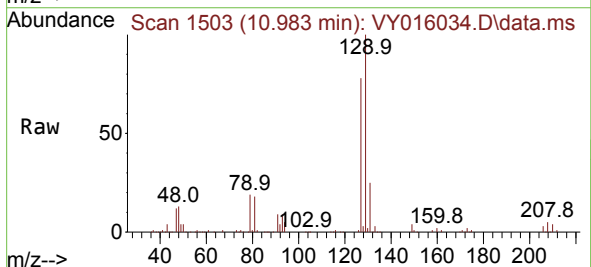
Instrument :
MSVOA_Y
ClientSampleId :

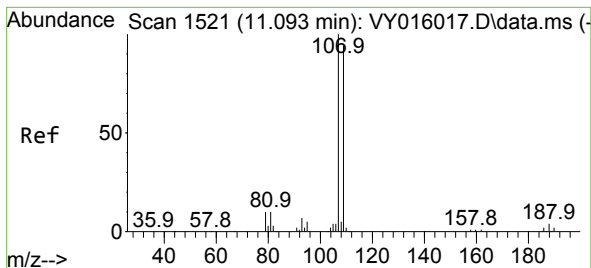
Tgt Ion: 43 Resp: 726641
Ion Ratio Lower Upper
43 100
58 58.1 25.1 75.3



#60
Dibromochloromethane
Concen: 50.618 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Tgt Ion:129 Resp: 130566
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5

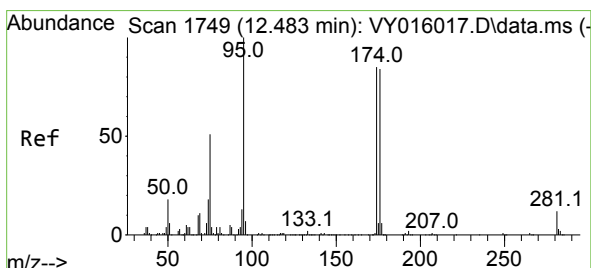
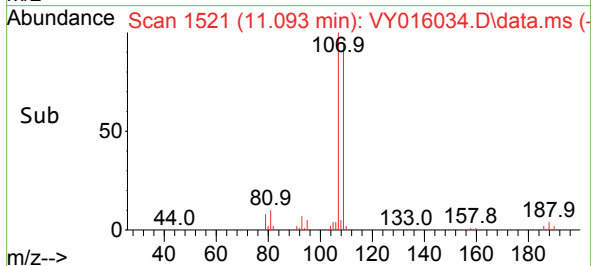
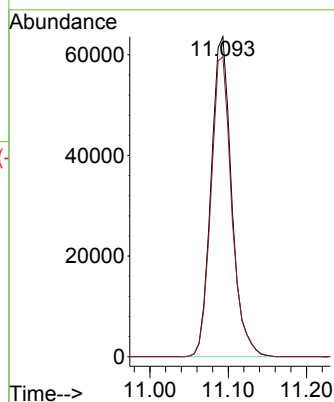
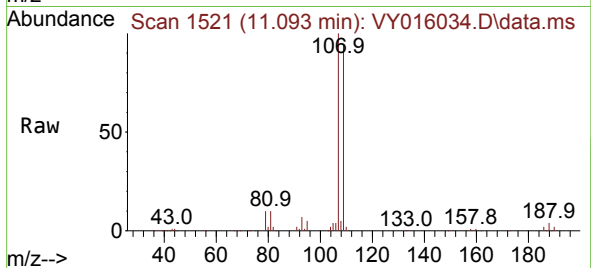




#61
1,2-Dibromoethane
Concen: 53.490 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

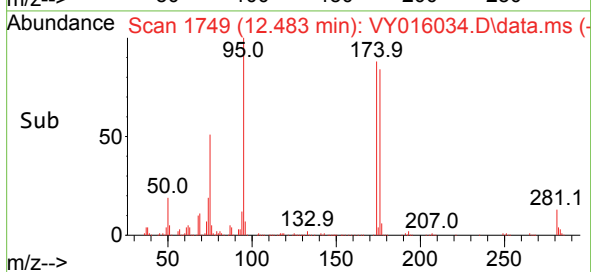
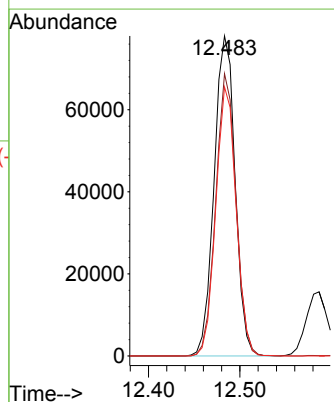
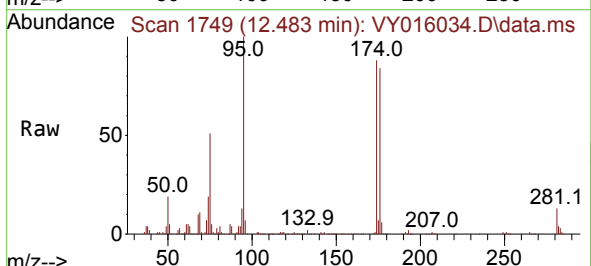
Instrument :
MSVOA_Y
ClientSampleId :

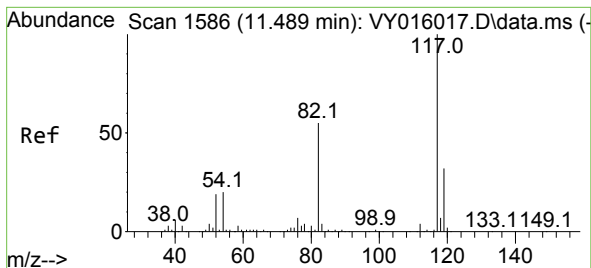
Tgt Ion:107 Resp: 116106
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 43.465 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Tgt Ion: 95 Resp: 124124
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 81.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

Instrument :

MSVOA_Y

ClientSampleId :

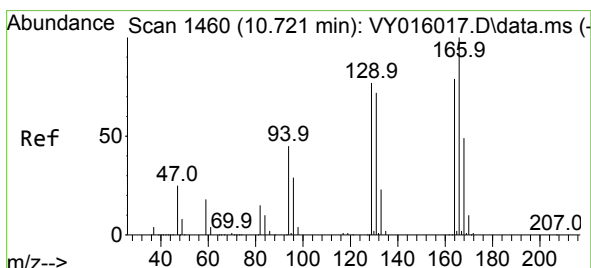
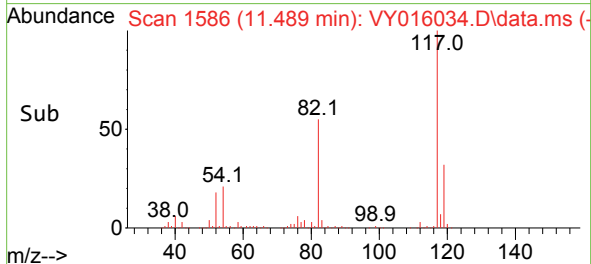
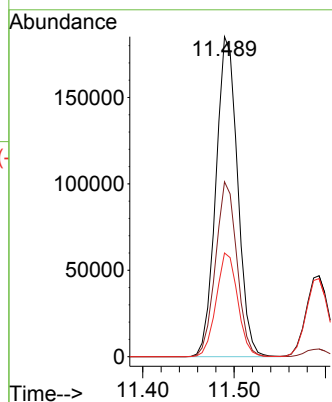
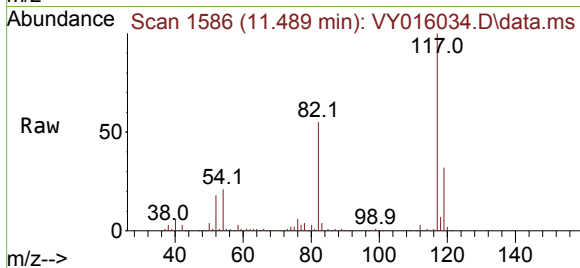
Tgt Ion:117 Resp: 305680

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

119 32.4 26.3 39.5



#64

Tetrachloroethene

Concen: 49.788 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

Tgt Ion:164 Resp: 118014

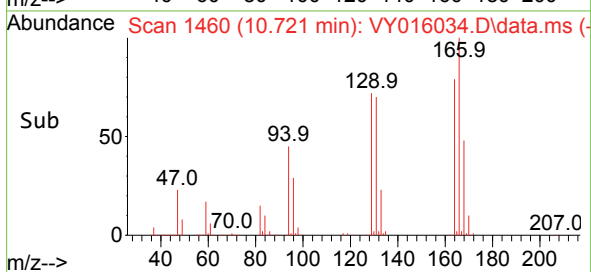
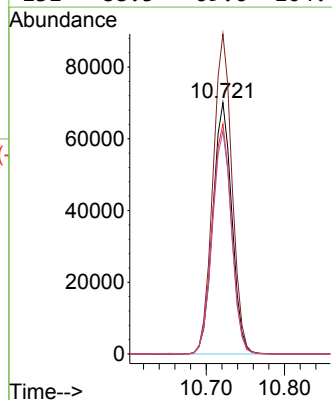
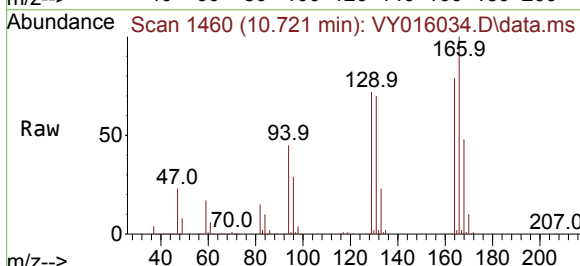
Ion Ratio Lower Upper

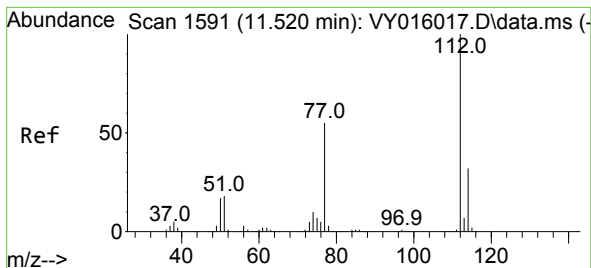
164 100

166 127.3 103.0 154.6

129 91.5 77.2 115.8

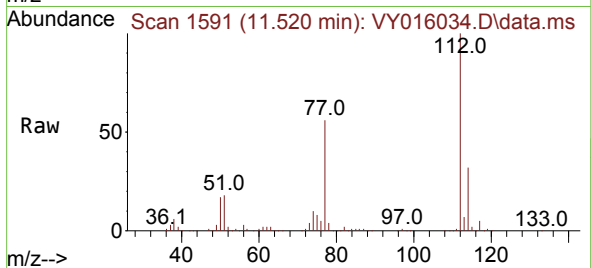
131 88.5 69.6 104.4



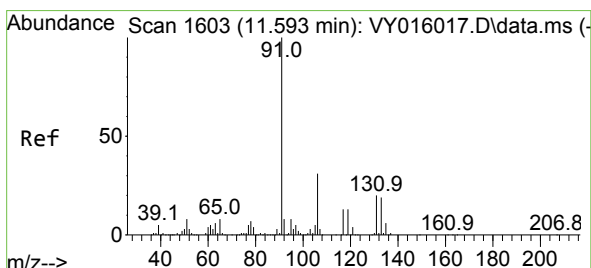
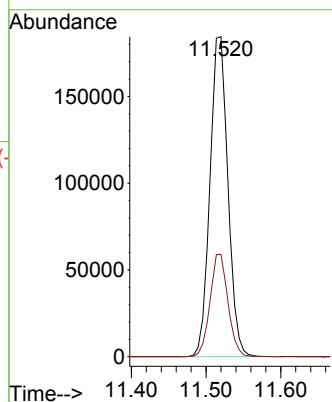
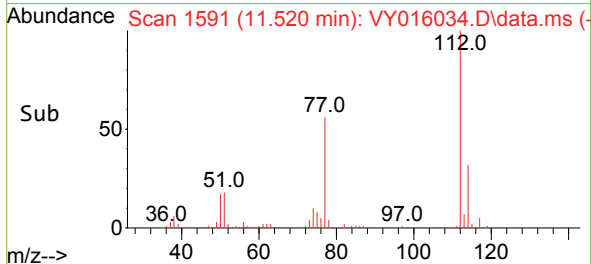


#65
Chlorobenzene
Concen: 46.491 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

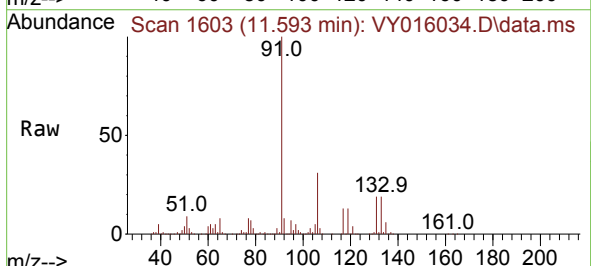
Instrument :
MSVOA_Y
ClientSampleId :



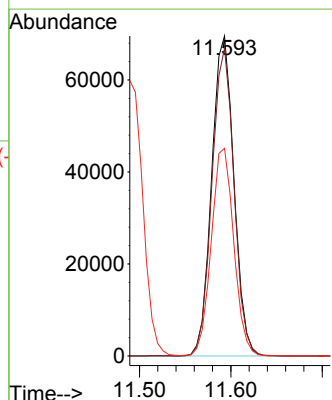
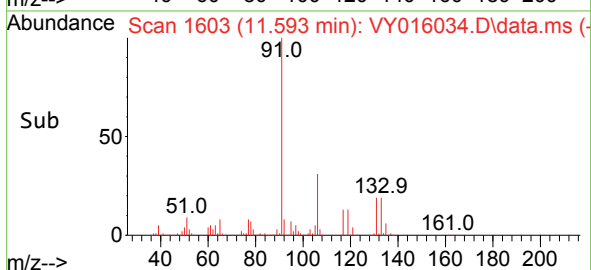
Tgt Ion:112 Resp: 307775
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3

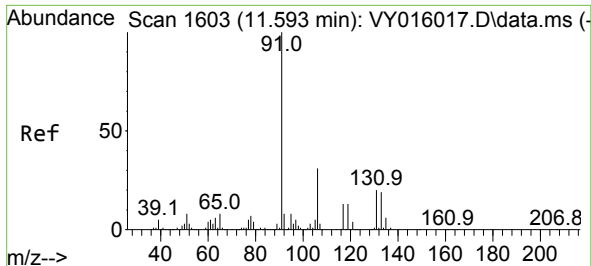


#66
1,1,1,2-Tetrachloroethane
Concen: 47.048 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51



Tgt Ion:131 Resp: 117397
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 65.9 31.6 94.7

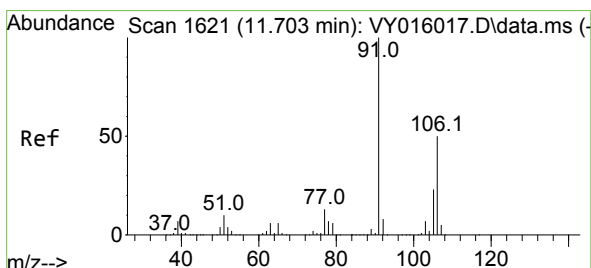
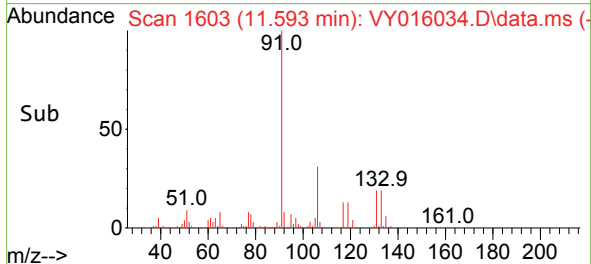
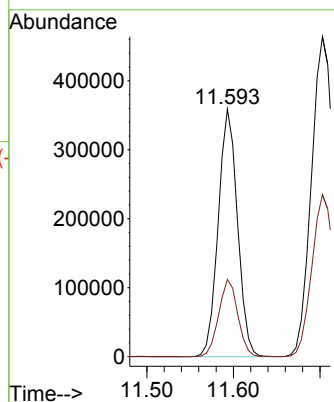
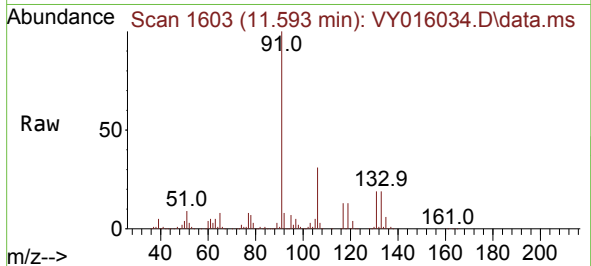




#67
Ethyl Benzene
Concen: 47.177 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

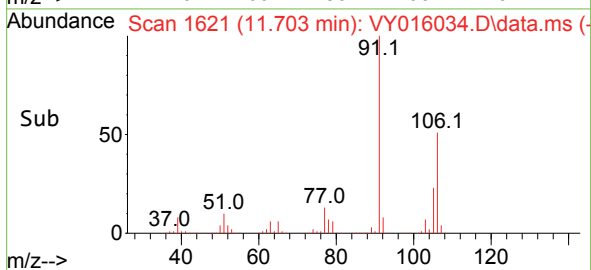
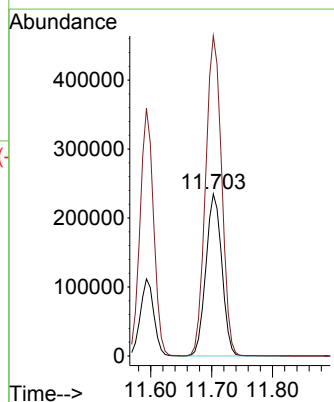
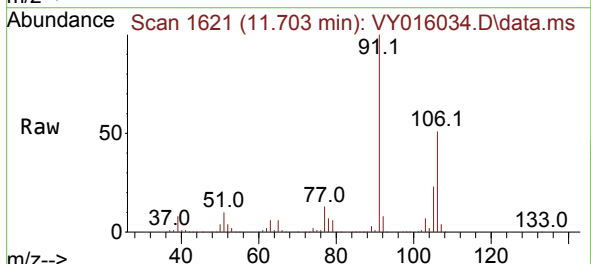
Instrument :
MSVOA_Y
ClientSampleId :

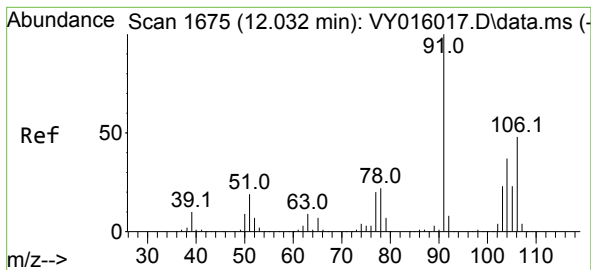
Tgt Ion: 91 Resp: 552647
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8



#68
m/p-Xylenes
Concen: 93.389 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Tgt Ion:106 Resp: 426602
Ion Ratio Lower Upper
106 100
91 198.9 166.1 249.1





#69

o-Xylene

Concen: 46.632 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

Instrument :

MSVOA_Y

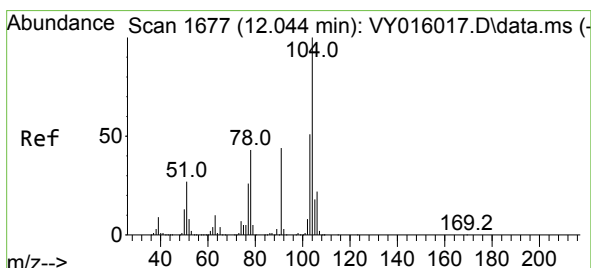
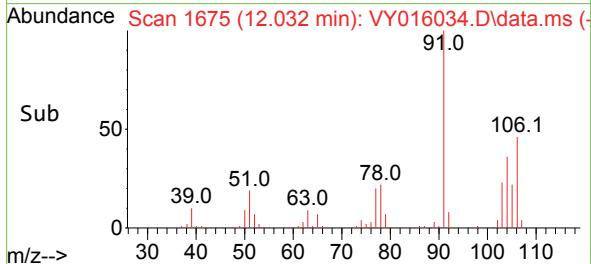
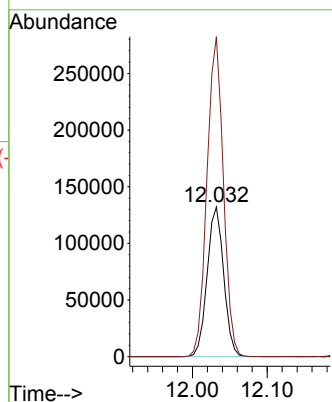
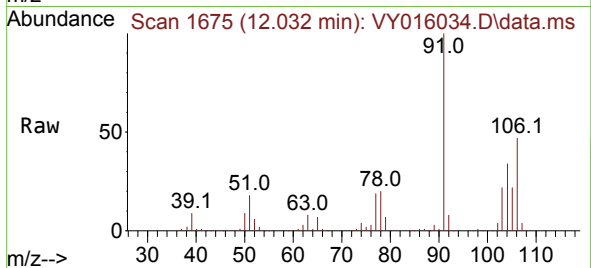
ClientSampleId :

Tgt Ion:106 Resp: 202650

Ion Ratio Lower Upper

106 100

91 212.4 108.1 324.3



#70

Styrene

Concen: 47.136 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

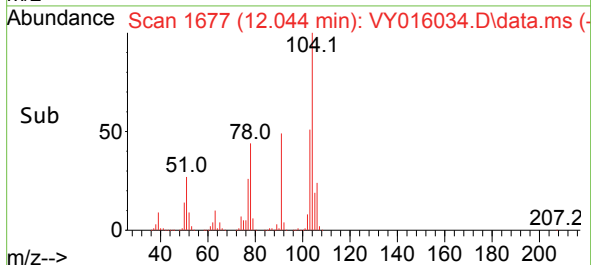
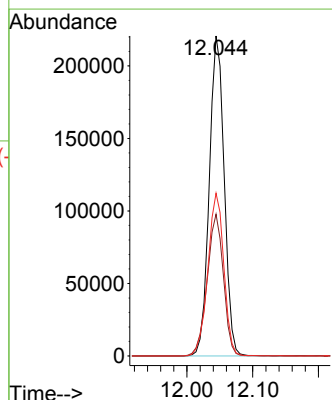
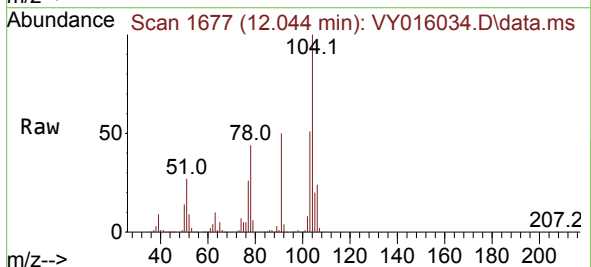
Tgt Ion:104 Resp: 349119

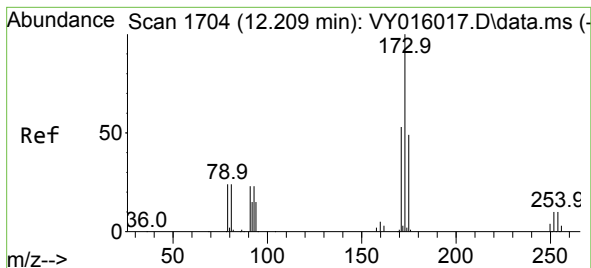
Ion Ratio Lower Upper

104 100

78 48.1 41.5 62.3

103 54.2 44.6 67.0





#71

Bromoform

Concen: 54.673 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016034.D

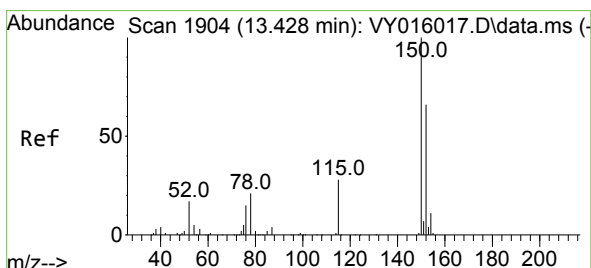
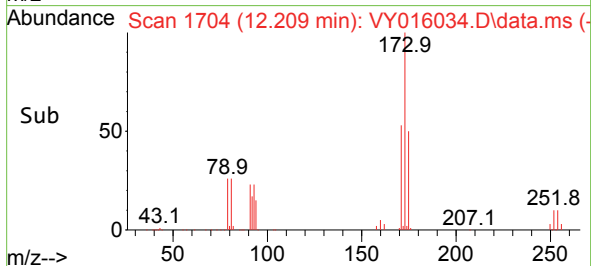
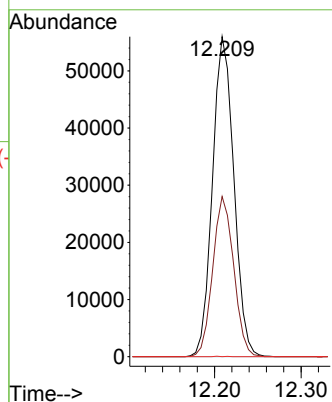
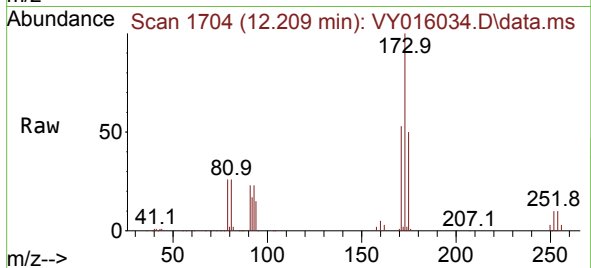
Acq: 19 Oct 2023 11:51

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	95993
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.6	73.8
254	0.1	0.2	0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

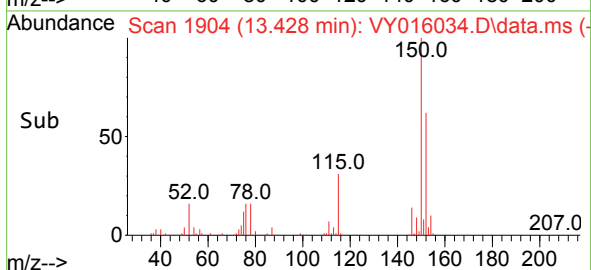
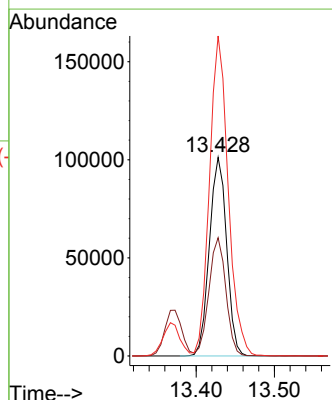
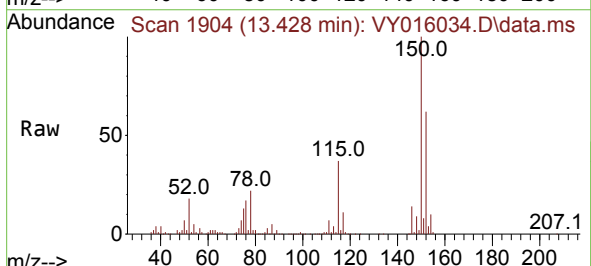
RT: 13.428 min Scan# 1904

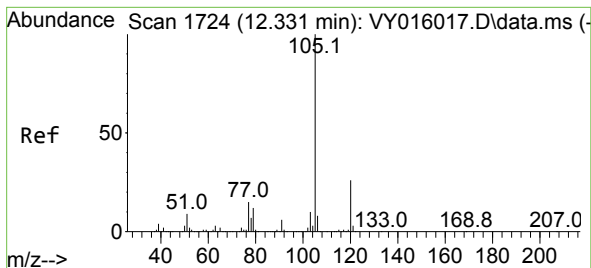
Delta R.T. -0.000 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

Tgt Ion:	152	Resp:	154915
Ion Ratio	Lower	Upper	
152	100		
115	58.6	28.8	86.5
150	174.8	0.0	348.8





#73

Isopropylbenzene

Concen: 46.324 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

Instrument :

MSVOA_Y

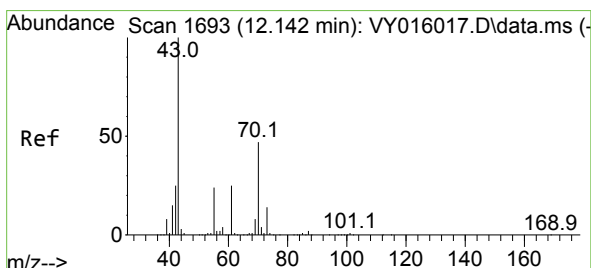
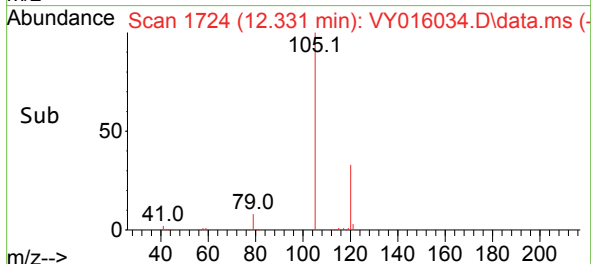
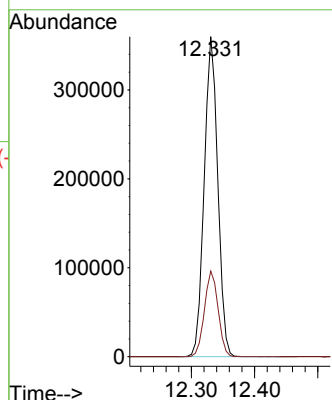
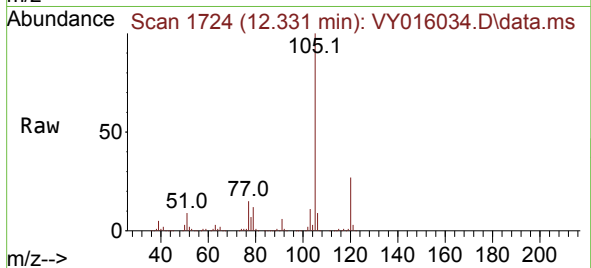
ClientSampleId :

Tgt Ion:105 Resp: 536806

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 58.655 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

Tgt Ion: 43 Resp: 214687

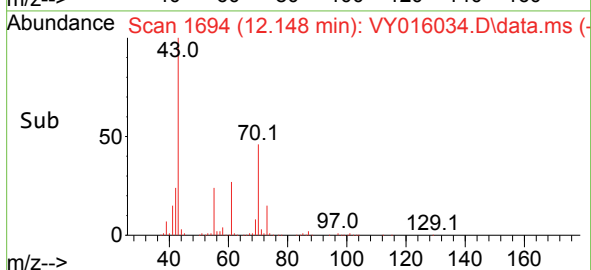
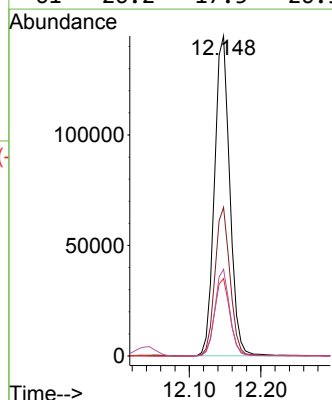
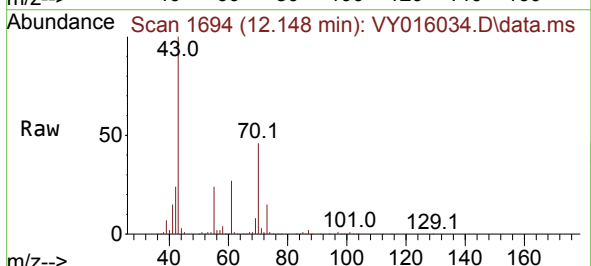
Ion Ratio Lower Upper

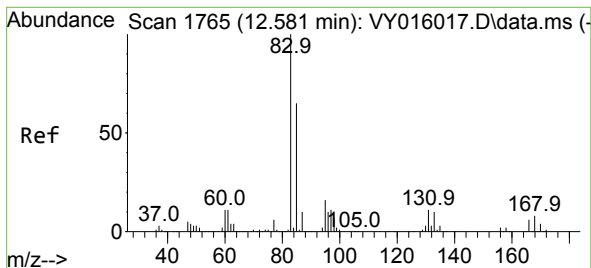
43 100

70 46.2 29.7 44.5

55 24.9 18.3 27.5

61 26.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 54.912 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

Instrument :

MSVOA_Y

ClientSampleId :

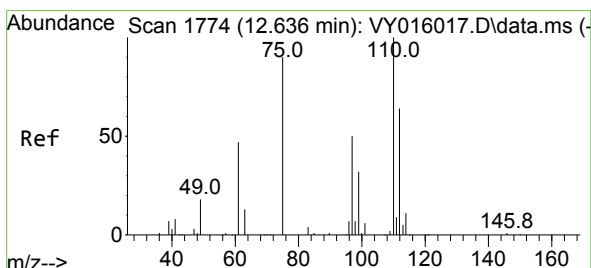
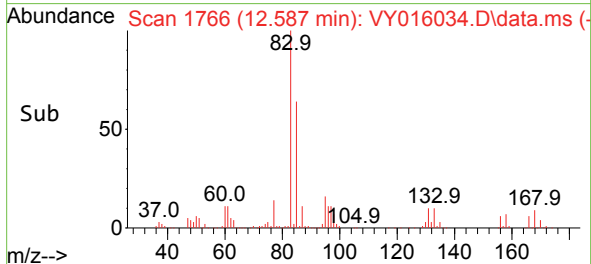
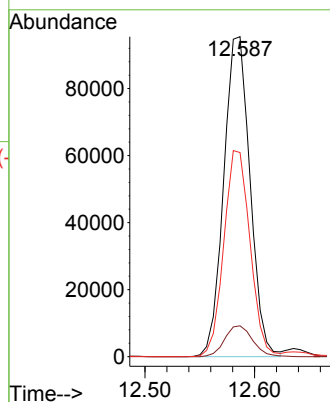
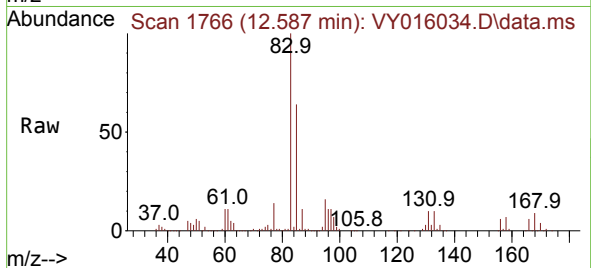
Tgt Ion: 83 Resp: 159377

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 64.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 101.576 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY016034.D

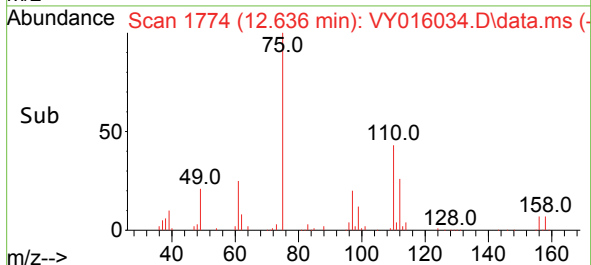
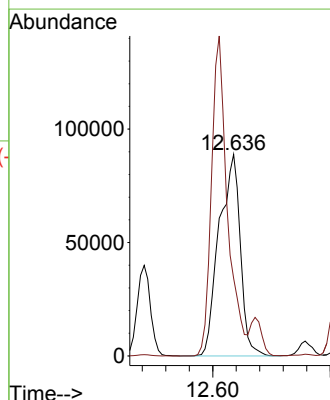
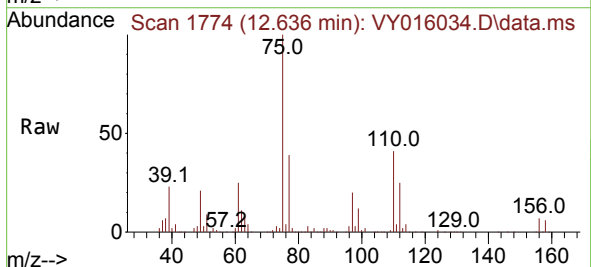
Acq: 19 Oct 2023 11:51

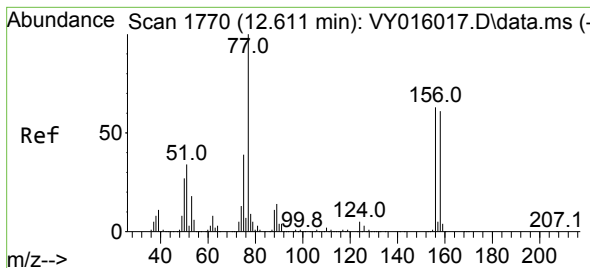
Tgt Ion: 75 Resp: 222801

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.657 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

Instrument :

MSVOA_Y

ClientSampleId :

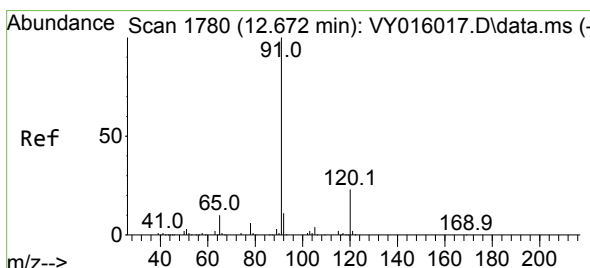
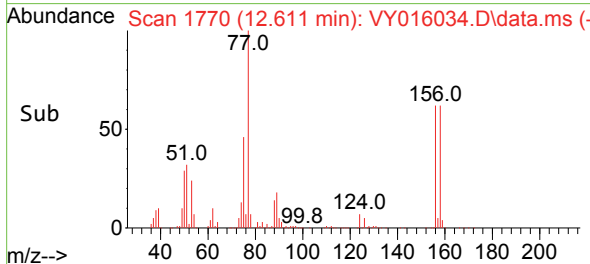
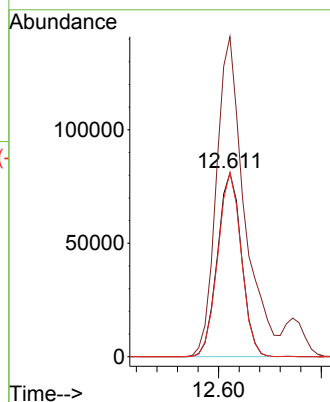
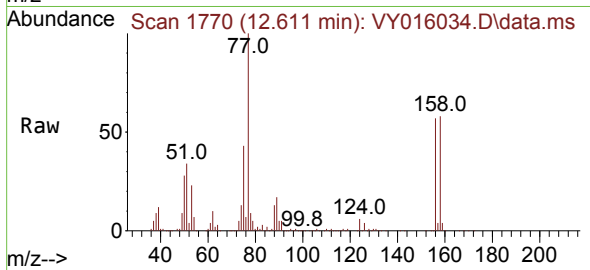
Tgt Ion:156 Resp: 131230

Ion Ratio Lower Upper

156 100

77 204.2 92.8 278.6

158 98.1 48.4 145.3



#78

n-propylbenzene

Concen: 46.132 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY016034.D

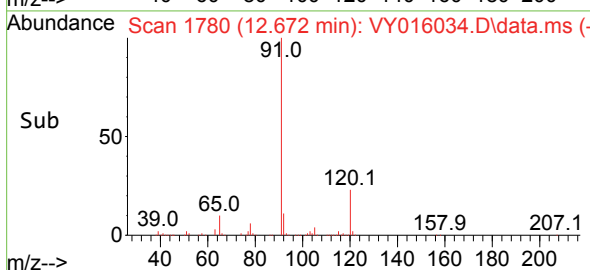
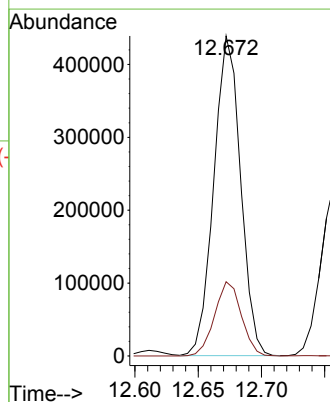
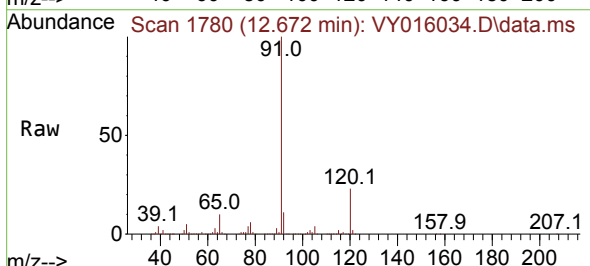
Acq: 19 Oct 2023 11:51

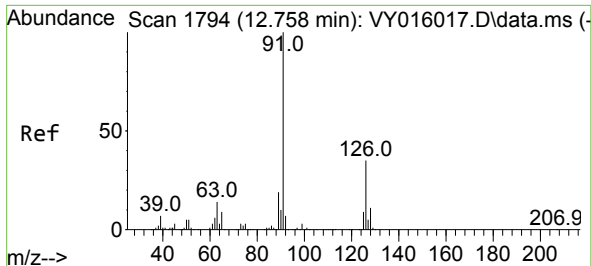
Tgt Ion: 91 Resp: 643902

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 46.193 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

Instrument :

MSVOA_Y

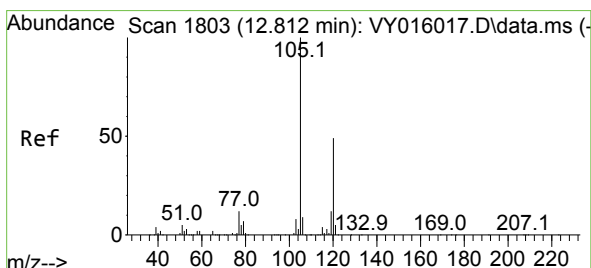
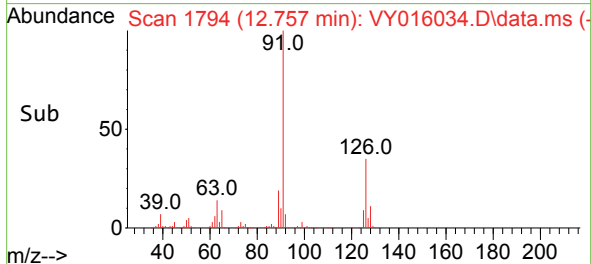
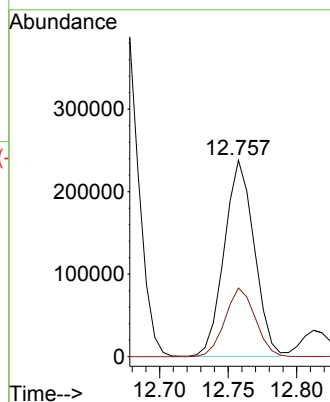
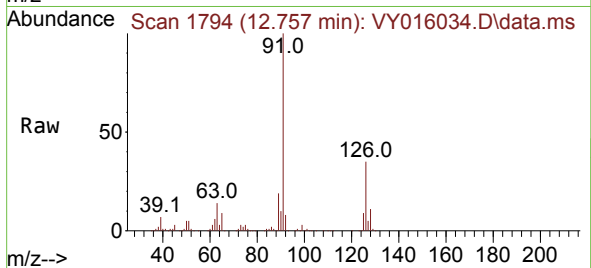
ClientSampleId :

Tgt Ion: 91 Resp: 361901

Ion Ratio Lower Upper

91 100

126 35.3 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 46.250 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY016034.D

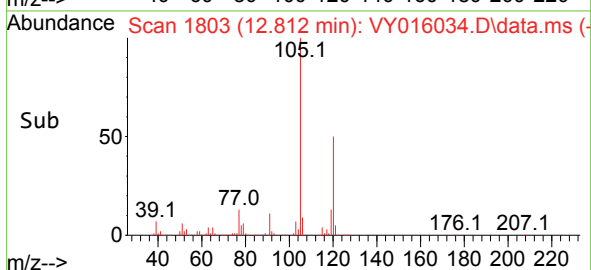
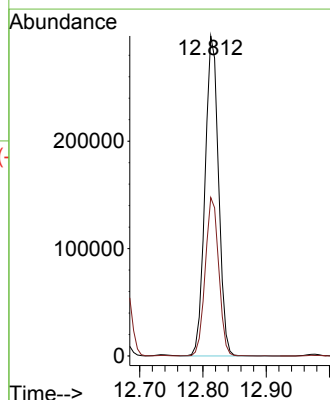
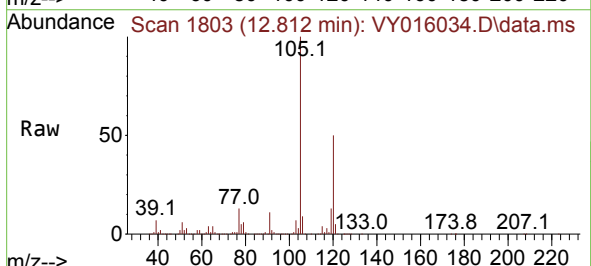
Acq: 19 Oct 2023 11:51

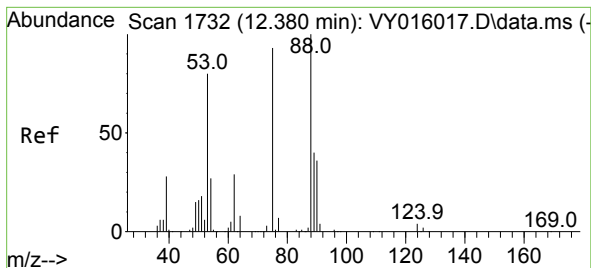
Tgt Ion:105 Resp: 443931

Ion Ratio Lower Upper

105 100

120 49.4 23.9 71.7

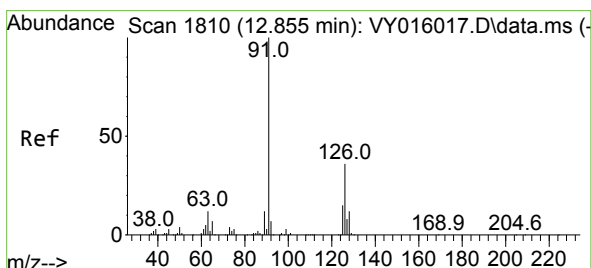
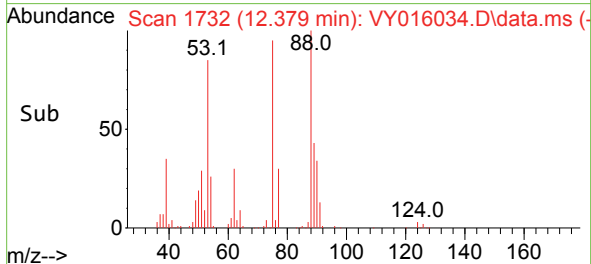
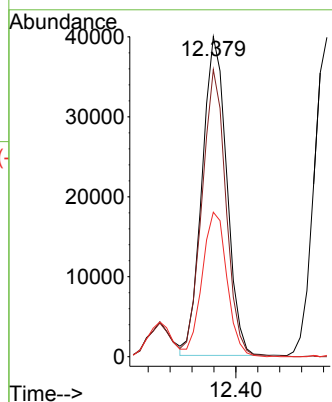
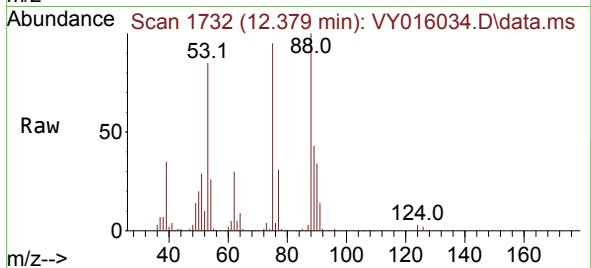




#81
trans-1,4-Dichloro-2-butene
Concen: 61.787 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

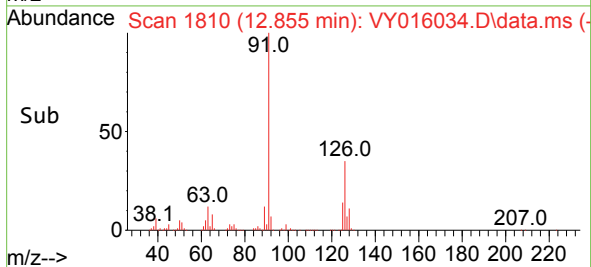
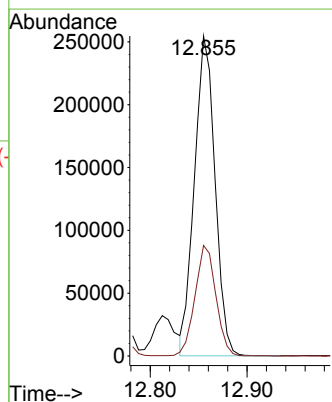
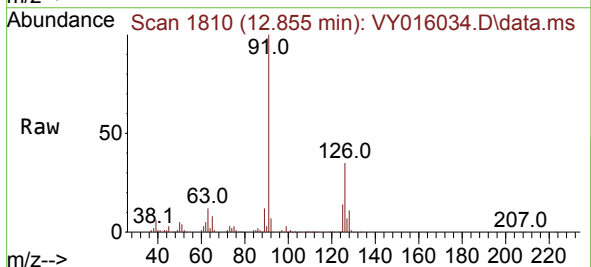
Instrument :
MSVOA_Y
ClientSampleId :

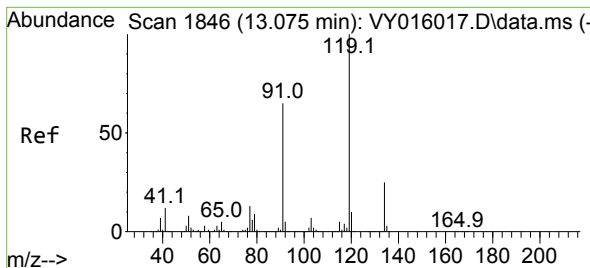
Tgt Ion: 75 Resp: 62085
Ion Ratio Lower Upper
75 100
53 88.1 77.8 116.8
89 45.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 46.067 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Tgt Ion: 91 Resp: 376671
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 45.254 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

Instrument :

MSVOA_Y

ClientSampleId :

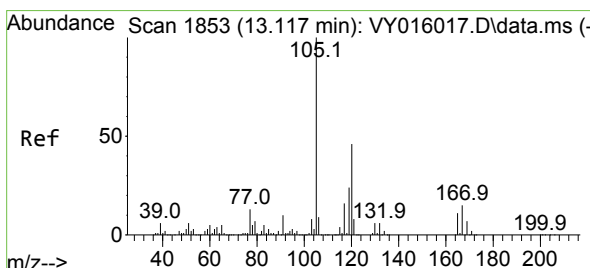
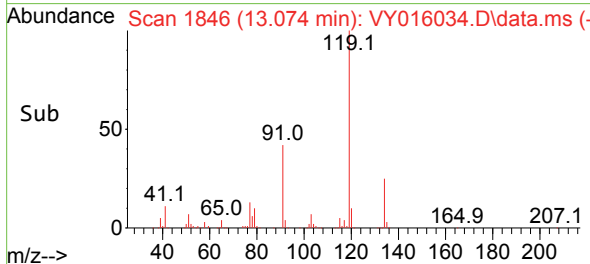
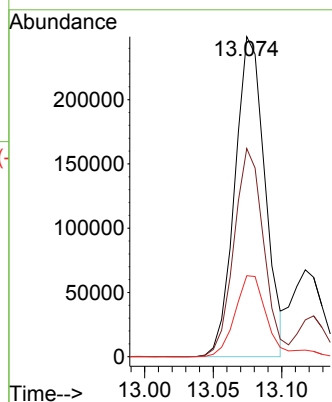
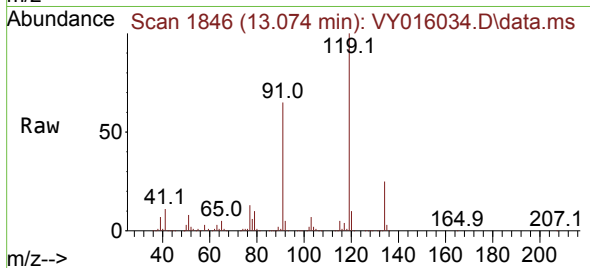
Tgt Ion:119 Resp: 380880

Ion Ratio Lower Upper

119 100

91 64.5 32.9 98.6

134 27.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 46.074 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY016034.D

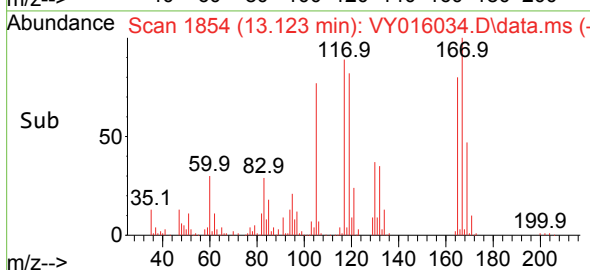
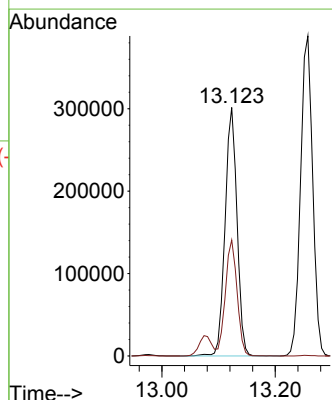
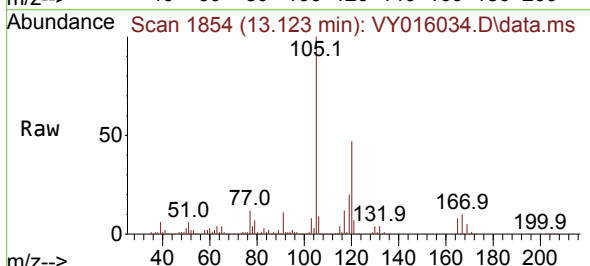
Acq: 19 Oct 2023 11:51

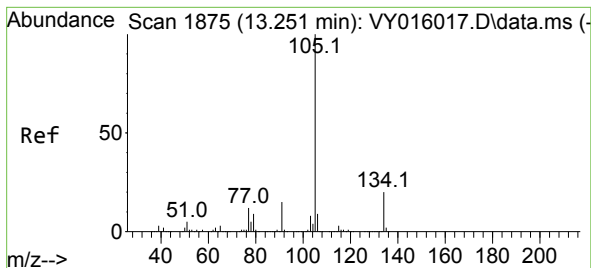
Tgt Ion:105 Resp: 439157

Ion Ratio Lower Upper

105 100

120 46.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 45.665 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

Instrument :

MSVOA_Y

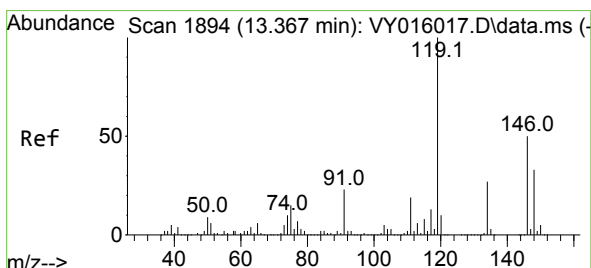
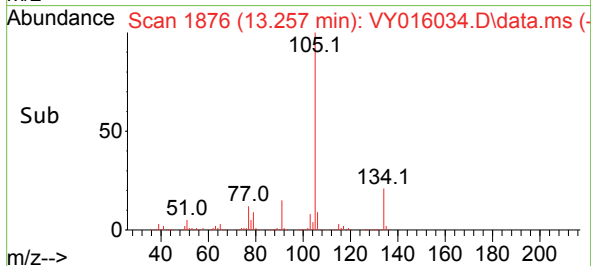
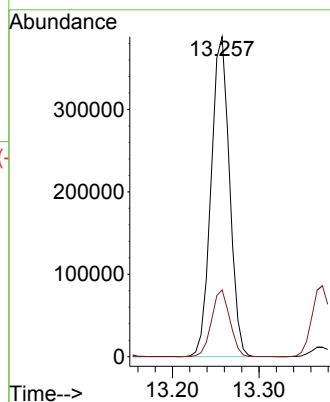
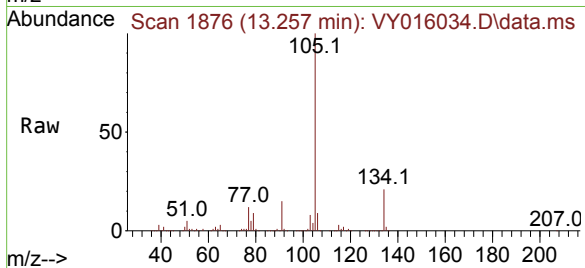
ClientSampleId :

Tgt Ion:105 Resp: 574023

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 45.400 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

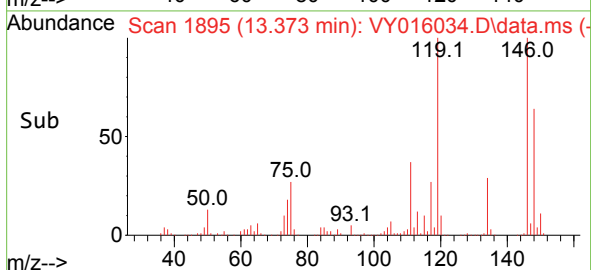
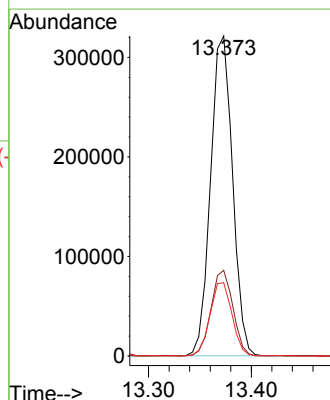
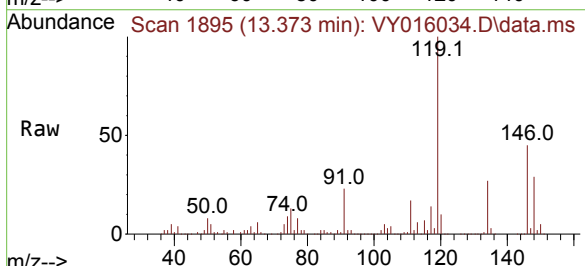
Tgt Ion:119 Resp: 476919

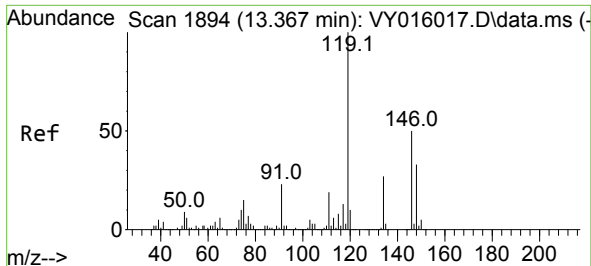
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

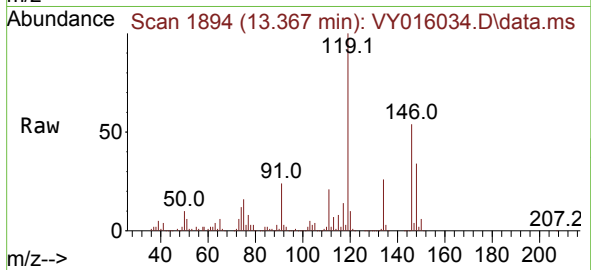
91 23.0 12.4 37.4



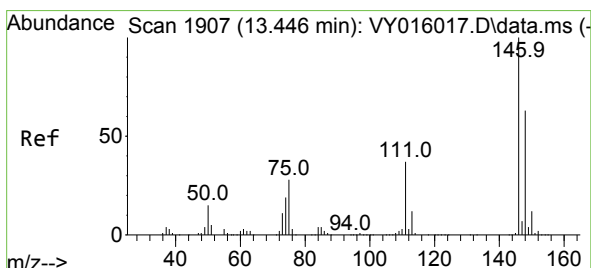
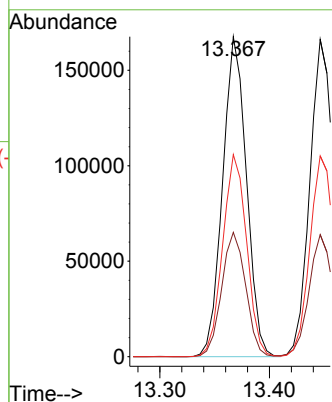
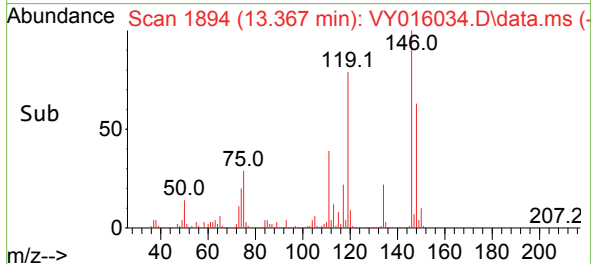


#87
1,3-Dichlorobenzene
Concen: 46.328 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Instrument :
MSVOA_Y
ClientSampleId :

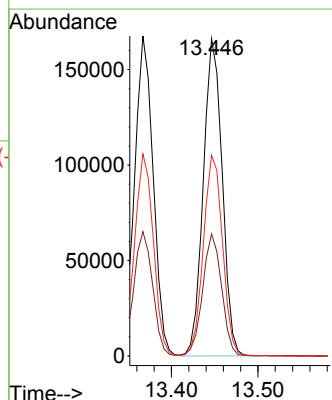
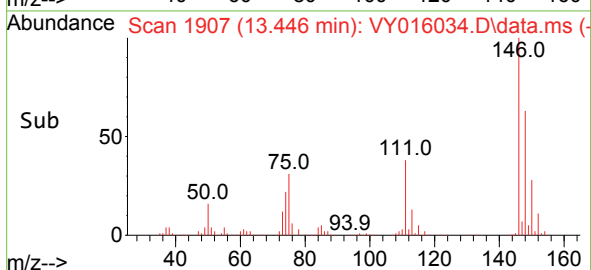
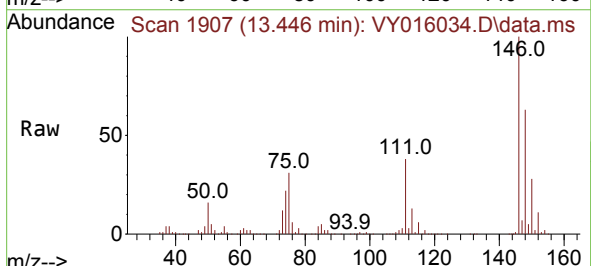


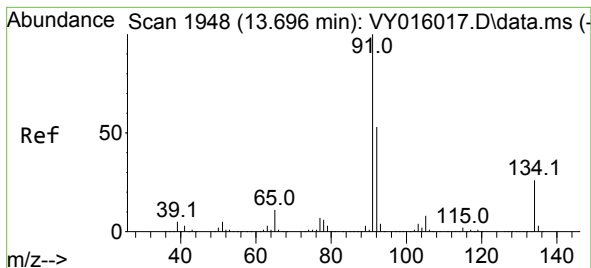
Tgt Ion:146 Resp: 253535
Ion Ratio Lower Upper
146 100
111 39.1 19.4 58.2
148 63.5 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 45.773 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Tgt Ion:146 Resp: 252209
Ion Ratio Lower Upper
146 100
111 38.5 18.9 56.7
148 64.3 32.1 96.5

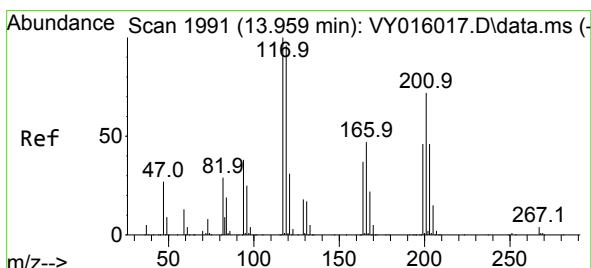
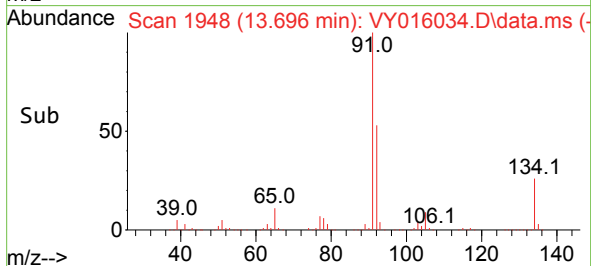
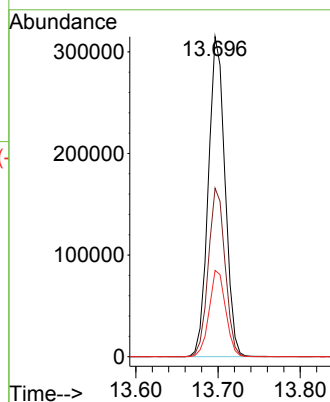
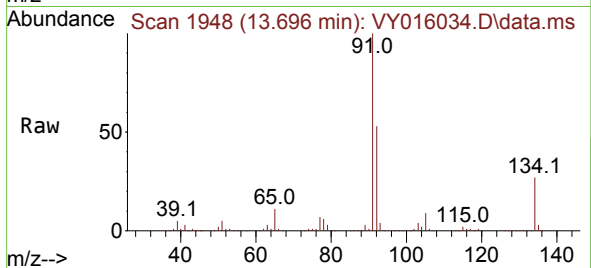




#89
n-Butylbenzene
Concen: 45.313 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

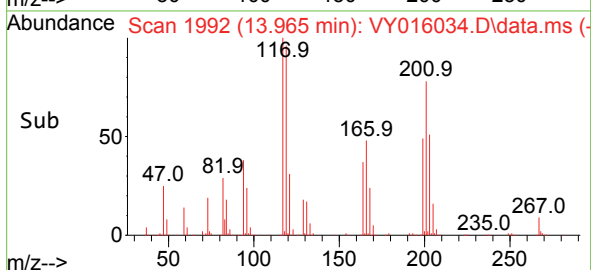
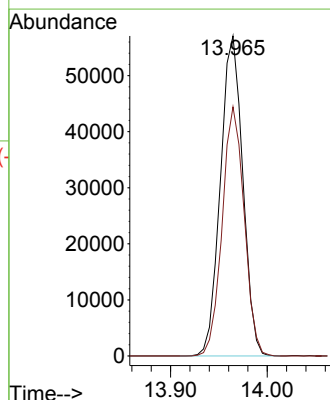
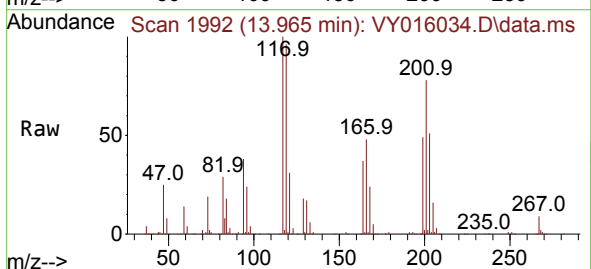
Instrument :
MSVOA_Y
ClientSampleId :

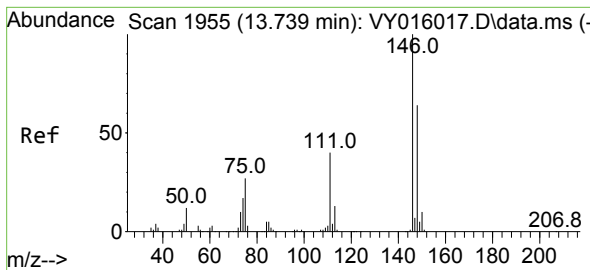
Tgt Ion: 91 Resp: 443126
Ion Ratio Lower Upper
91 100
92 53.0 25.4 76.0
134 26.7 12.6 37.6



#90
Hexachloroethane
Concen: 45.697 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY016034.D
Acq: 19 Oct 2023 11:51

Tgt Ion: 117 Resp: 91508
Ion Ratio Lower Upper
117 100
201 76.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 46.978 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

Instrument :

MSVOA_Y

ClientSampleId :

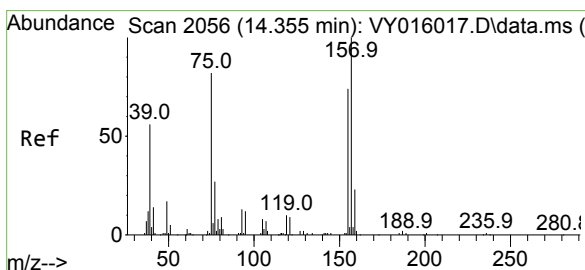
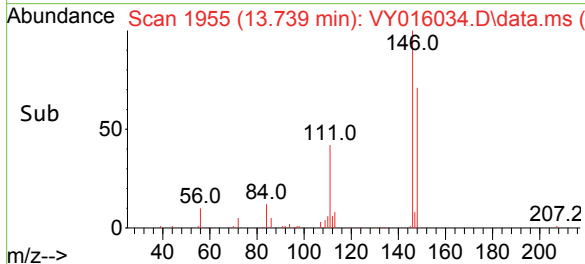
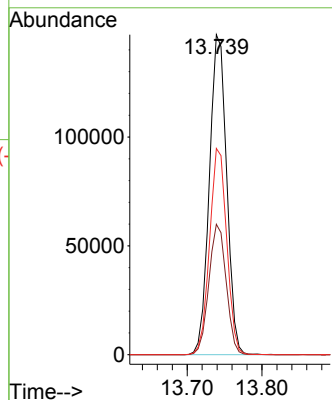
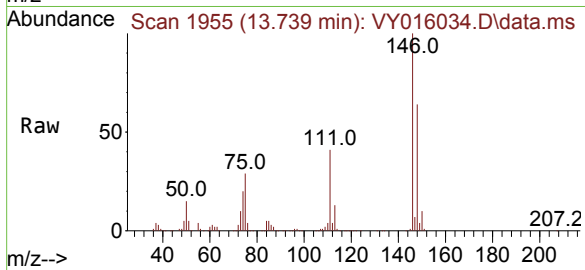
Tgt Ion:146 Resp: 236043

Ion Ratio Lower Upper

146 100

111 40.9 19.7 59.0

148 63.9 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 72.102 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

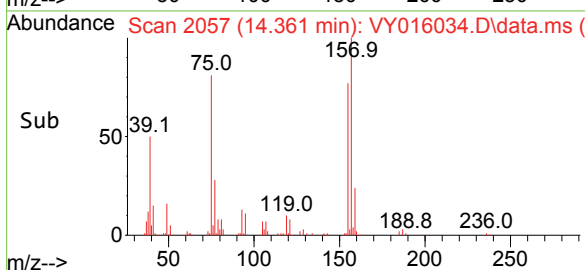
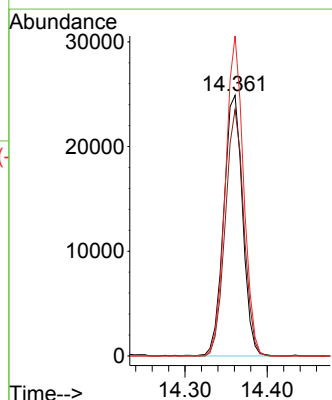
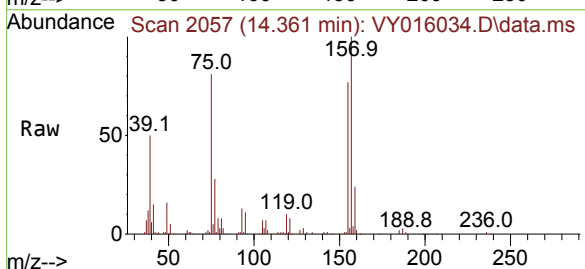
Tgt Ion: 75 Resp: 39835

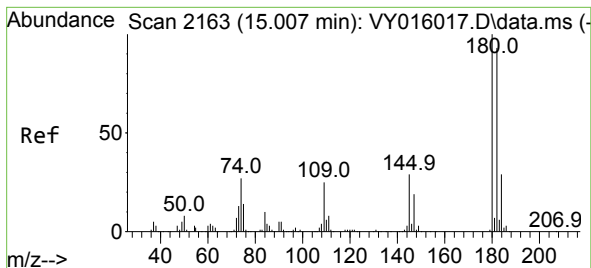
Ion Ratio Lower Upper

75 100

155 92.6 41.5 124.6

157 117.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 46.159 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

Instrument :

MSVOA_Y

ClientSampleId :

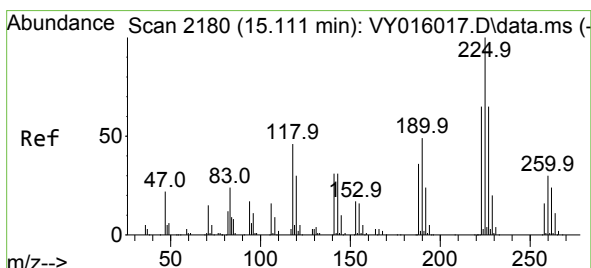
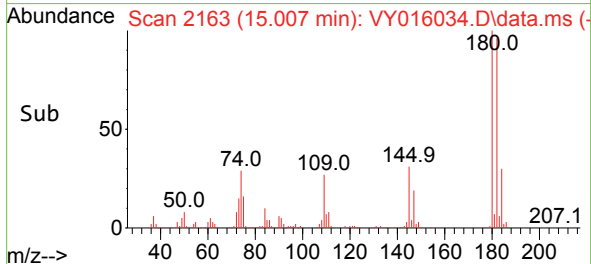
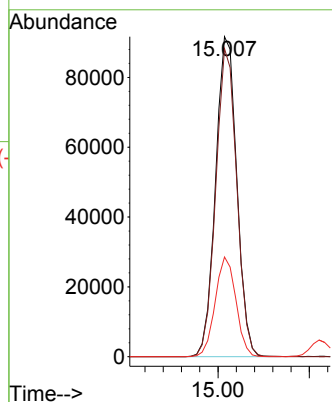
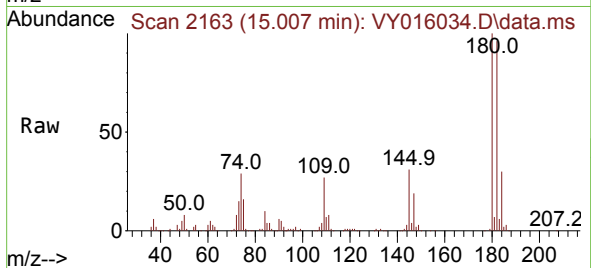
Tgt Ion:180 Resp: 147750

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 42.485 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

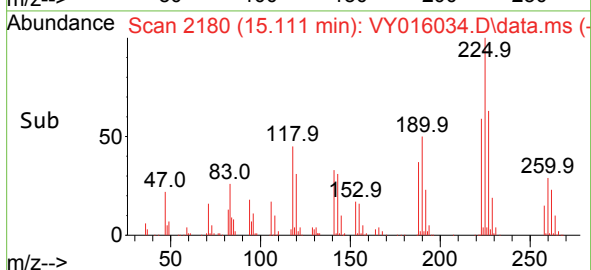
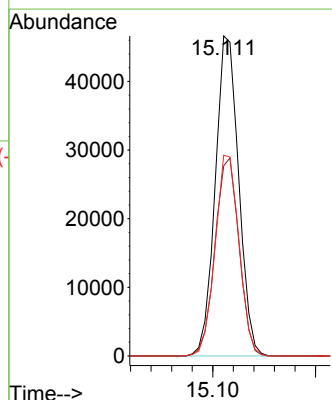
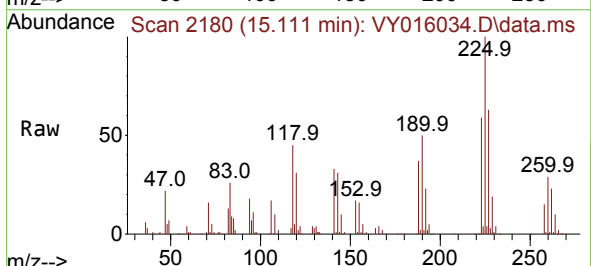
Tgt Ion:225 Resp: 73863

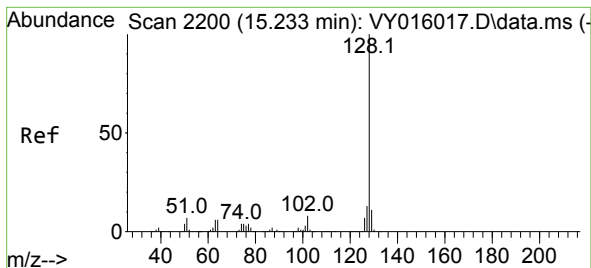
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.9

227 64.0 33.0 98.9





#95

Naphthalene

Concen: 58.555 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

Instrument :

MSVOA_Y

ClientSampleId :

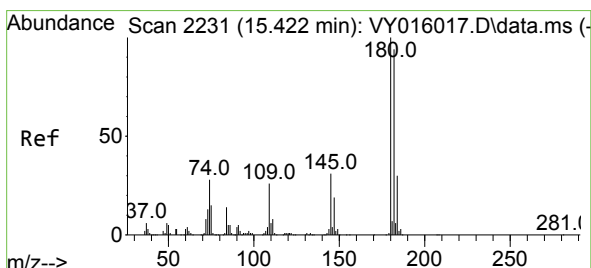
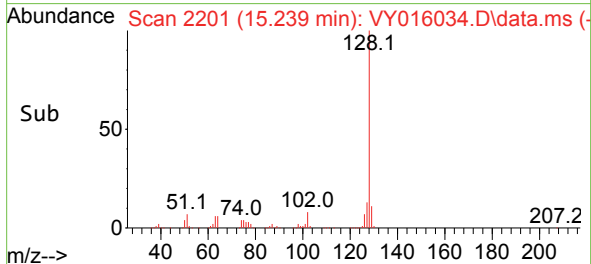
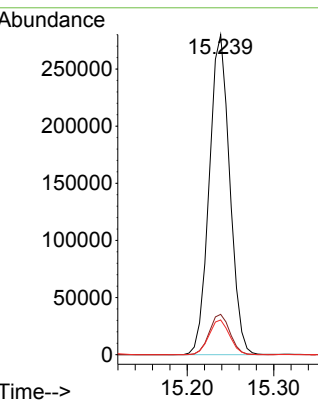
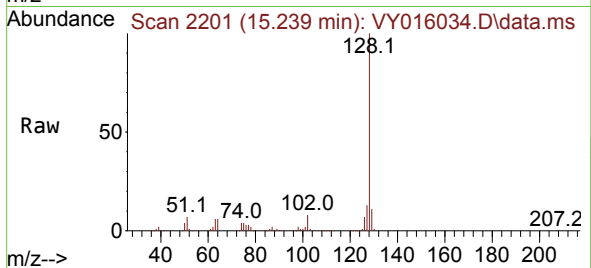
Tgt Ion:128 Resp: 460027

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.500 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY016034.D

Acq: 19 Oct 2023 11:51

Tgt Ion:180 Resp: 138878

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 32.0 15.4 46.2

