

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016694.D
 Acq On : 19 Dec 2023 12:49
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 05:30:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	210199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	293360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	253536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	120743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	247310	142.244	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 284.480%#	
35) Dibromofluoromethane	7.728	113	264853	153.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 306.580%#	
50) Toluene-d8	10.191	98	1017611	162.627	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 325.260%#	
62) 4-Bromofluorobenzene	12.489	95	279126	156.887	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 313.780%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	209700	150.617	ug/l	98
3) Chloromethane	2.119	50	362948	148.342	ug/l	100
4) Vinyl Chloride	2.259	62	527635	129.970	ug/l	98
5) Bromomethane	2.650	94	524759	148.978	ug/l	100
6) Chloroethane	2.796	64	403920	132.927	ug/l	98
7) Trichlorofluoromethane	3.131	101	482954	135.728	ug/l	98
8) Diethyl Ether	3.540	74	129746	136.218	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.911	101	265394	137.474	ug/l	97
10) Methyl Iodide	4.100	142	317838	144.977	ug/l	98
11) Tert butyl alcohol	4.966	59	74488	753.540	ug/l #	86
12) 1,1-Dichloroethene	3.881	96	246902	141.012	ug/l	99
13) Acrolein	3.741	56	66523	752.735	ug/l	98
14) Allyl chloride	4.491	41	315778	144.437	ug/l	88
15) Acrylonitrile	5.173	53	256254	671.996	ug/l	98
16) Acetone	3.954	43	230664	743.884	ug/l	95
17) Carbon Disulfide	4.204	76	668795	142.723	ug/l	100
18) Methyl Acetate	4.491	43	212555	141.094	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	613392	145.021	ug/l	98
20) Methylene Chloride	4.728	84	260612	147.495	ug/l	96
21) trans-1,2-Dichloroethene	5.234	96	280953	141.879	ug/l	99
22) Diisopropyl ether	6.131	45	720561	143.997	ug/l	97
23) Vinyl Acetate	6.070	43	1768395	722.709	ug/l	99
24) 1,1-Dichloroethane	6.027	63	476060	138.147	ug/l	98
25) 2-Butanone	6.996	43	333076	749.664	ug/l	96
26) 2,2-Dichloropropane	6.996	77	454753	145.310	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	325367	145.371	ug/l	96
28) Bromochloromethane	7.344	49	188348	150.516	ug/l	94
29) Tetrahydrofuran	7.356	42	197842	702.846	ug/l	98
30) Chloroform	7.515	83	504217	136.378	ug/l	98
31) Cyclohexane	7.795	56	392199	137.820	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	469308	142.954	ug/l	98
36) 1,1-Dichloropropene	7.929	75	399252	152.763	ug/l	98
37) Ethyl Acetate	7.082	43	141646	141.505	ug/l	95
38) Carbon Tetrachloride	7.911	117	426260	151.158	ug/l	97
39) Methylcyclohexane	9.191	83	499194	165.897	ug/l	98
40) Benzene	8.173	78	1123752	149.654	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	76744	144.358	ug/l	95
42) 1,2-Dichloroethane	8.246	62	299867	141.125	ug/l	96
43) Isopropyl Acetate	8.283	43	283587	147.504	ug/l	96
44) Trichloroethene	8.947	130	310994	150.497	ug/l	100
45) 1,2-Dichloropropane	9.228	63	263693	146.922	ug/l	100
46) Dibromomethane	9.313	93	146401	144.449	ug/l	99
47) Bromodichloromethane	9.508	83	384675	145.363	ug/l	99
48) Methyl methacrylate	9.301	41	164419	157.622	ug/l #	88
49) 1,4-Dioxane	9.313	88	30213	3237.727	ug/l #	83
51) 4-Methyl-2-Pentanone	10.075	43	756843	766.982	ug/l	97
52) Toluene	10.252	92	723432	157.460	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	365453	154.234	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	431126	153.557	ug/l #	92
55) 1,1,2-Trichloroethane	10.654	97	199558	142.537	ug/l	98
56) Ethyl methacrylate	10.520	69	185818	163.100	ug/l #	91
57) 1,3-Dichloropropane	10.801	76	335017	145.018	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	634117	762.732	ug/l	97
59) 2-Hexanone	10.837	43	522120	726.240	ug/l	96
60) Dibromochloromethane	10.996	129	254198	149.539	ug/l	99
61) 1,2-Dibromoethane	11.099	107	183913	145.855	ug/l	99
64) Tetrachloroethene	10.727	164	271229	155.091	ug/l	95
65) Chlorobenzene	11.526	112	755672	150.504	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	304087	156.330	ug/l	98
67) Ethyl Benzene	11.599	91	1475099	164.451	ug/l	98
68) m/p-Xylenes	11.709	106	1139111	335.022	ug/l	99
69) o-Xylene	12.038	106	512243	164.916	ug/l	100
70) Styrene	12.050	104	752735	167.835	ug/l	99
71) Bromoform	12.215	173	146563	145.475	ug/l #	98
73) Isopropylbenzene	12.337	105	1351508	161.886	ug/l	99
74) N-amyl acetate	12.154	43	237587	157.276	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.593	83	219412	141.245	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	274577	261.610	ug/l #	100
77) Bromobenzene	12.617	156	309594	153.800	ug/l	96
78) n-propylbenzene	12.678	91	1577599	159.394	ug/l	99
79) 2-Chlorotoluene	12.764	91	813806	153.502	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	1051400	160.714	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	69663	152.286	ug/l	90
82) 4-Chlorotoluene	12.861	91	841054	153.417	ug/l	97
83) tert-Butylbenzene	13.081	119	927825	157.613	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	1085772	165.575	ug/l	98
85) sec-Butylbenzene	13.263	105	1345212	158.459	ug/l	99
86) p-Isopropyltoluene	13.379	119	1276803	172.030	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	646590	162.322	ug/l	98
88) 1,4-Dichlorobenzene	13.452	146	567520	148.715	ug/l	99
89) n-Butylbenzene	13.702	91	1094108	161.261	ug/l	99
90) Hexachloroethane	13.971	117	223926	151.388	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	492568	150.515	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	26892	132.033	ug/l	99
93) 1,2,4-Trichlorobenzene	15.019	180	300813	153.776	ug/l	98
94) Hexachlorobutadiene	15.123	225	183528	148.441	ug/l	99
95) Naphthalene	15.245	128	499254	159.437	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	252455	152.583	ug/l	98

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QLast Update : Wed Dec 20 05:26:40 2023
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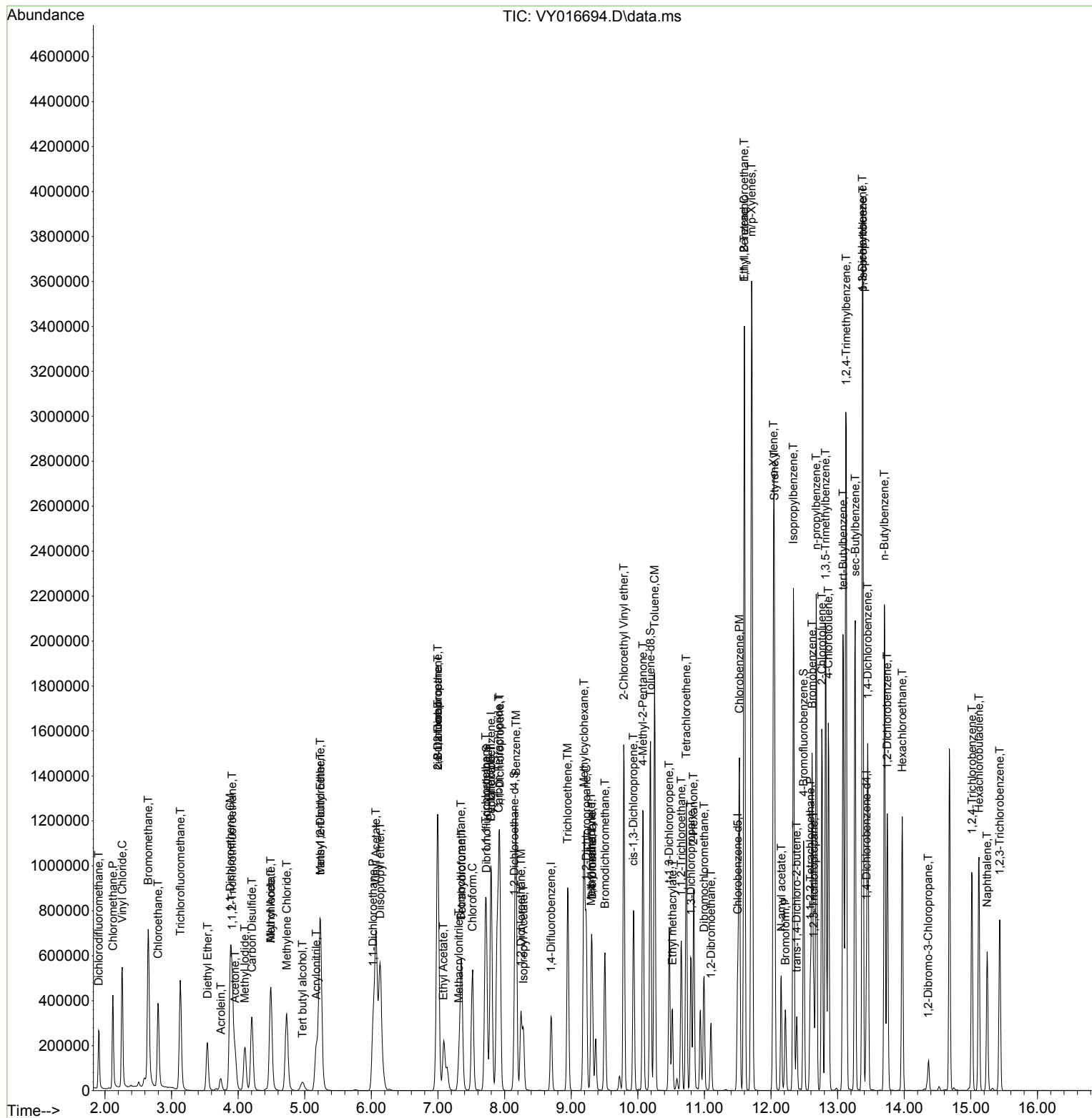
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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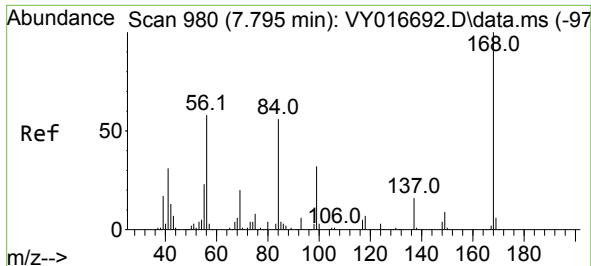
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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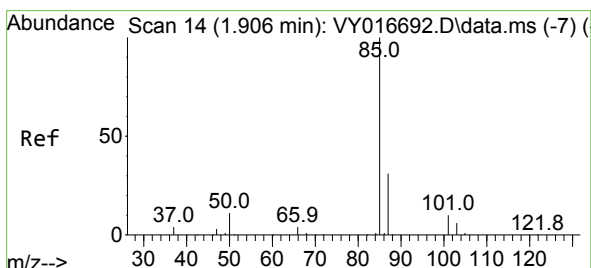
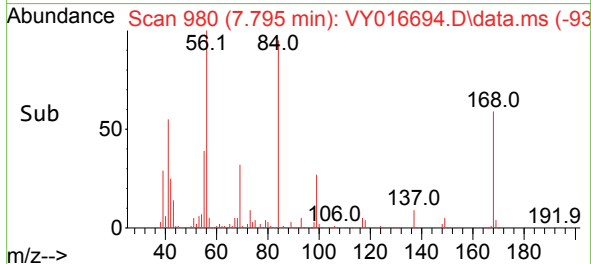
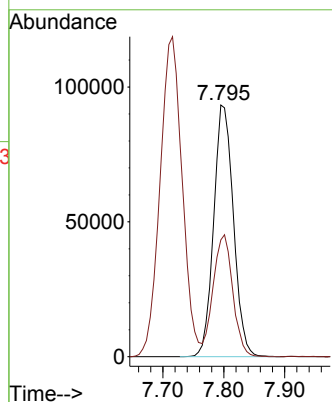
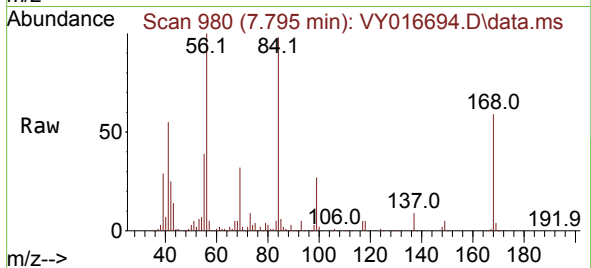




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
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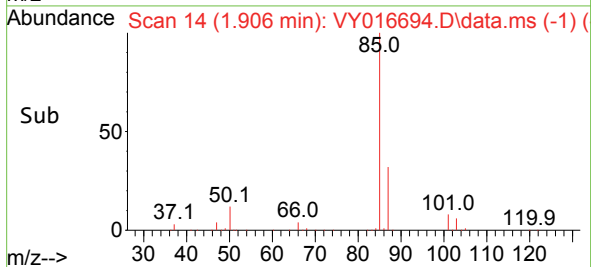
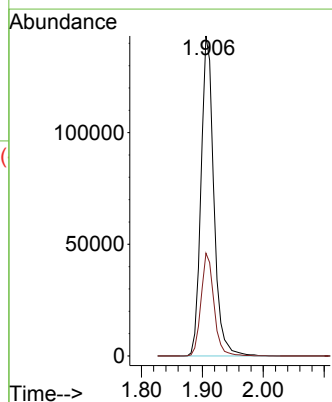
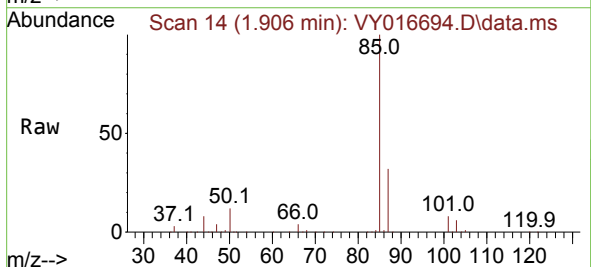
Instrument :
MSVOA_Y
ClientSampleId :

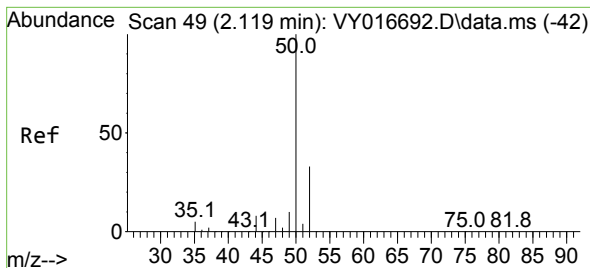
Tgt Ion:168 Resp: 210199
Ion Ratio Lower Upper
168 100
99 46.4 40.2 60.4



#2
Dichlorodifluoromethane
Concen: 150.617 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

Tgt Ion: 85 Resp: 209700
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.8





#3

Chloromethane

Concen: 148.342 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

Instrument :

MSVOA_Y

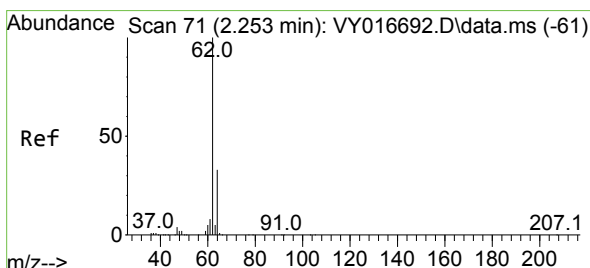
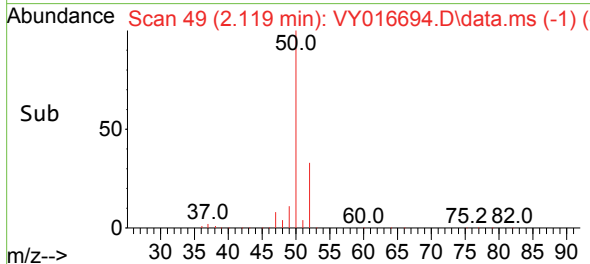
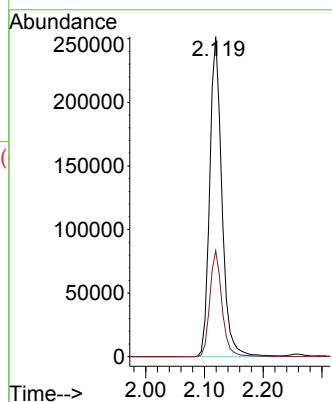
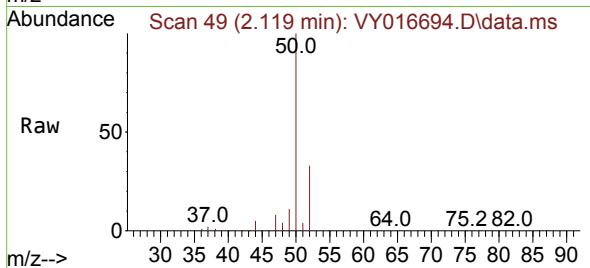
ClientSampleId :

Tgt Ion: 50 Resp: 362948

Ion Ratio Lower Upper

50 100

52 33.1 26.6 40.0



#4

Vinyl Chloride

Concen: 129.970 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.006 min

Lab File: VY016694.D

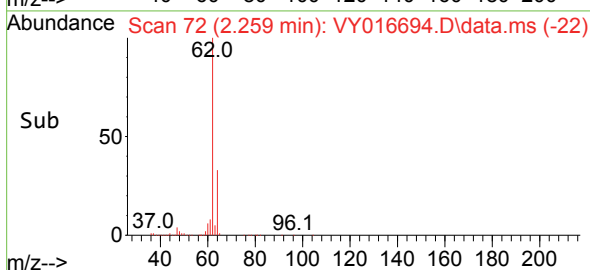
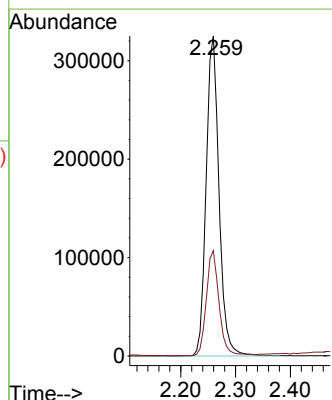
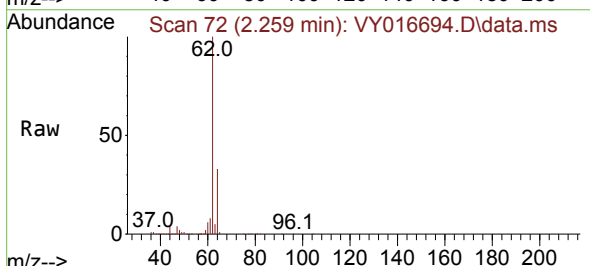
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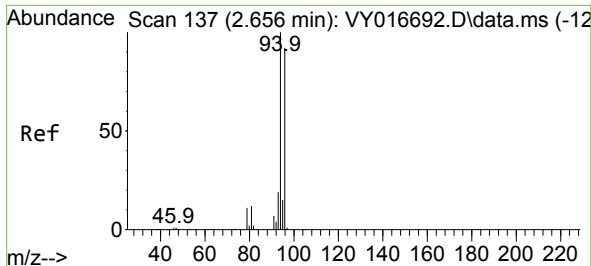
Tgt Ion: 62 Resp: 527635

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.2

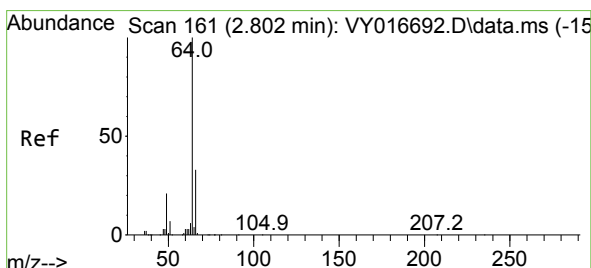
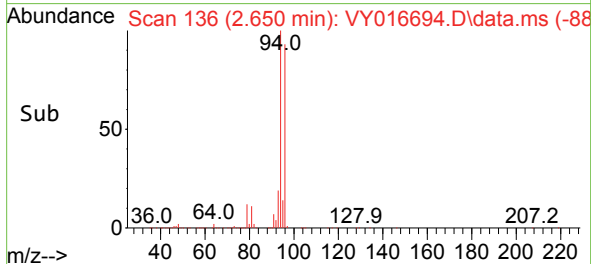
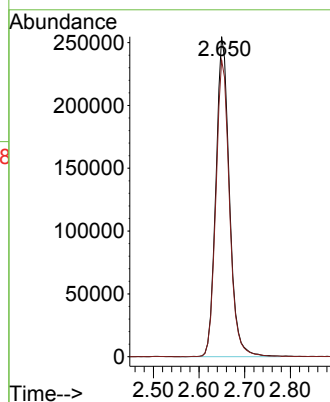
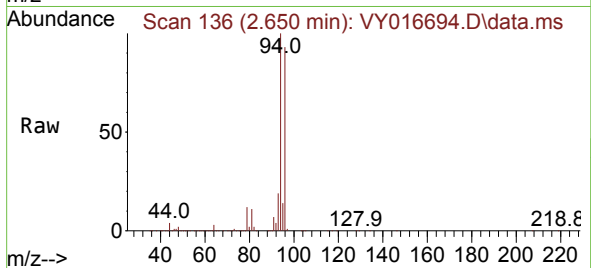




#5
Bromomethane
Concen: 148.978 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016694.D
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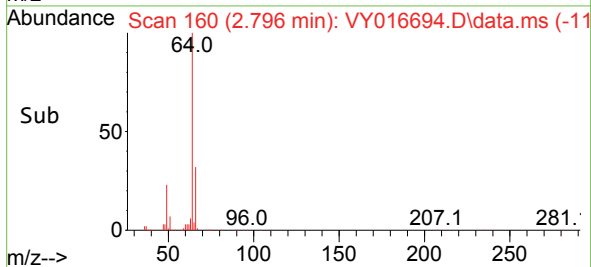
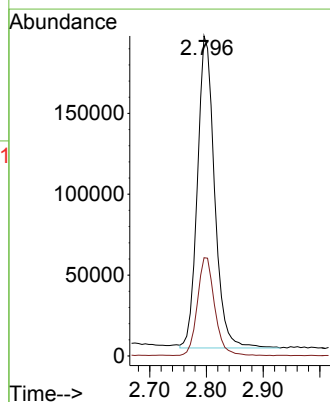
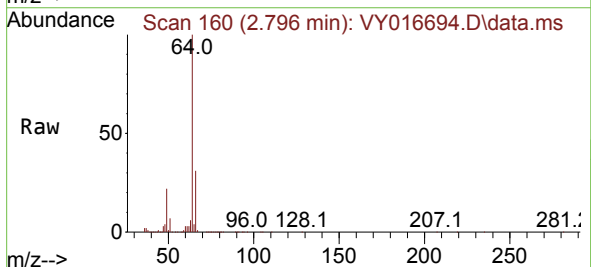
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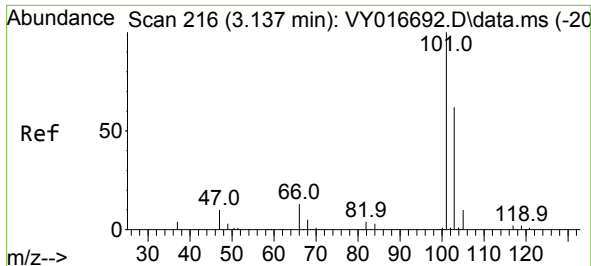
Tgt Ion: 94 Resp: 524759
Ion Ratio Lower Upper
94 100
96 92.6 74.0 111.0



#6
Chloroethane
Concen: 132.927 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
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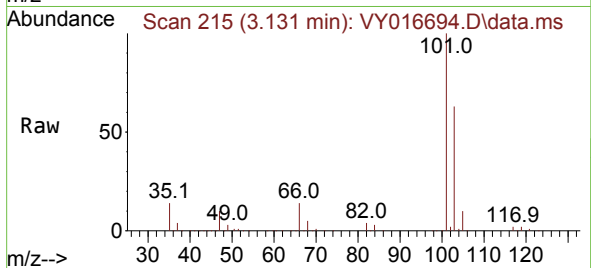
Tgt Ion: 64 Resp: 403920
Ion Ratio Lower Upper
64 100
66 31.3 24.0 36.0



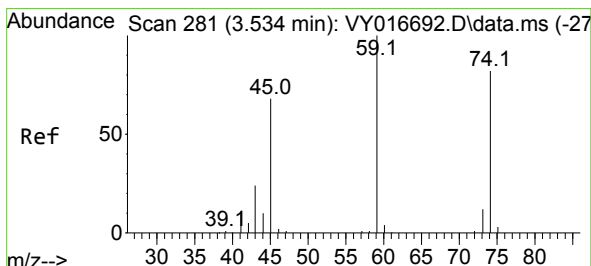
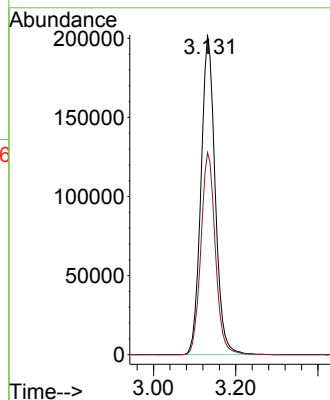
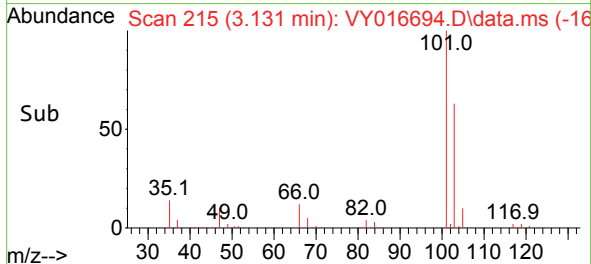


#7
 Trichlorofluoromethane
 Concen: 135.728 ug/l
 RT: 3.131 min Scan# 216
 Delta R.T. -0.006 min
 Lab File: VY016694.D
 Acq: 19 Dec 2023 12:49

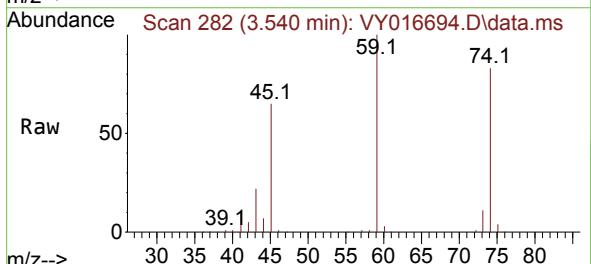
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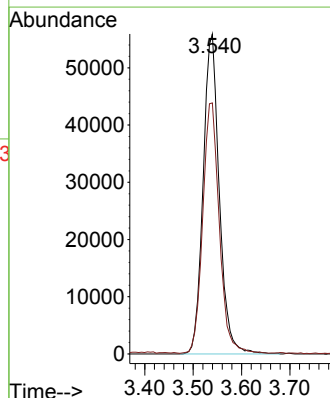
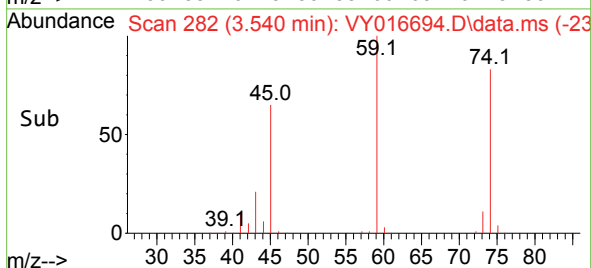
Tgt Ion:101 Resp: 482954
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.7 77.5

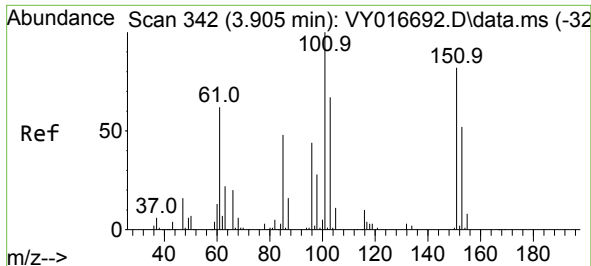


#8
 Diethyl Ether
 Concen: 136.218 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.006 min
 Lab File: VY016694.D
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Tgt Ion: 74 Resp: 129746
 Ion Ratio Lower Upper
 74 100
 45 80.3 44.3 132.9

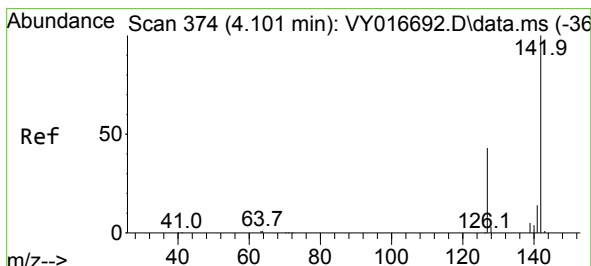
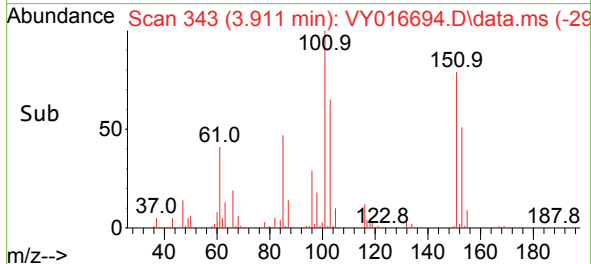
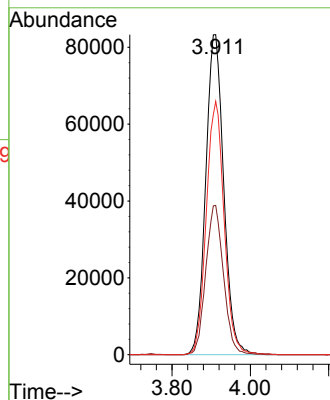
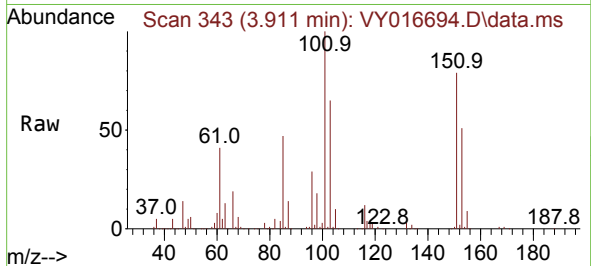




#9
1,1,2-Trichlorotrifluoroethane
Concen: 137.474 ug/l
RT: 3.911 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

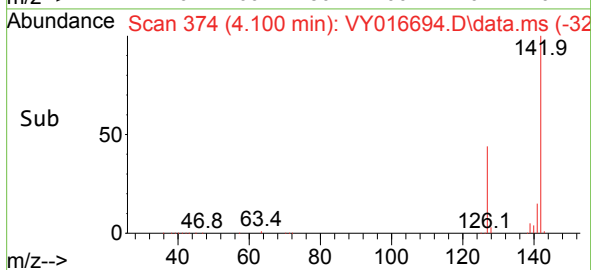
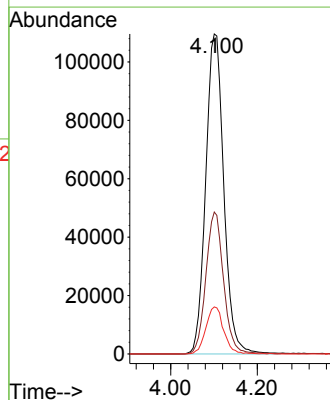
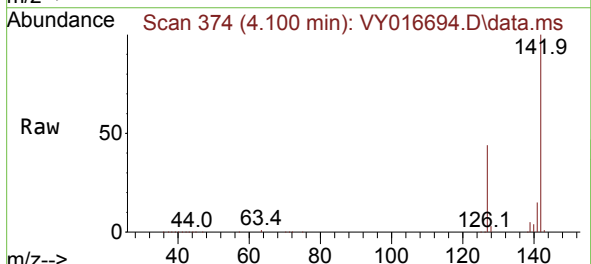
Instrument :
MSVOA_Y
ClientSampleId :

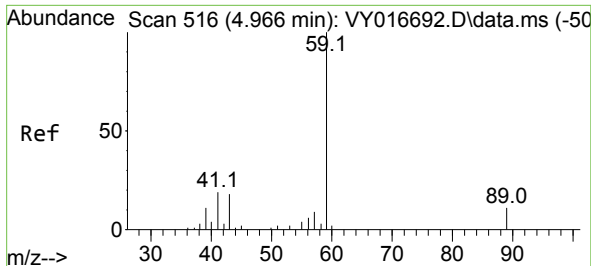
Tgt Ion:101 Resp: 265394
Ion Ratio Lower Upper
101 100
85 46.0 35.0 52.4
151 78.7 61.0 91.4



#10
Methyl Iodide
Concen: 144.977 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

Tgt Ion:142 Resp: 317838
Ion Ratio Lower Upper
142 100
127 43.5 33.6 50.4
141 14.5 12.0 18.0

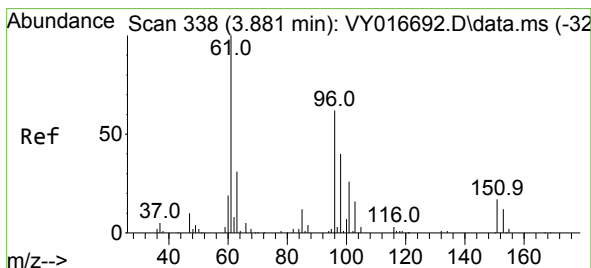
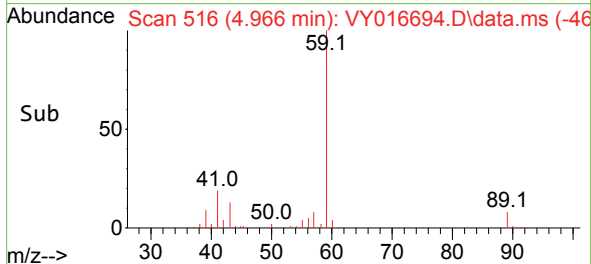
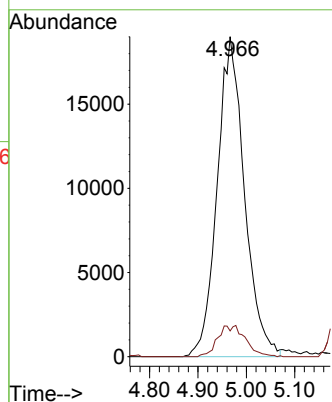
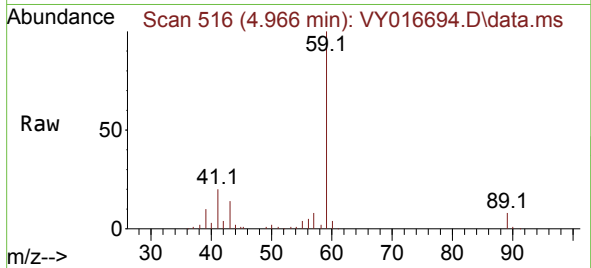




#11
Tert butyl alcohol
Concen: 753.540 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

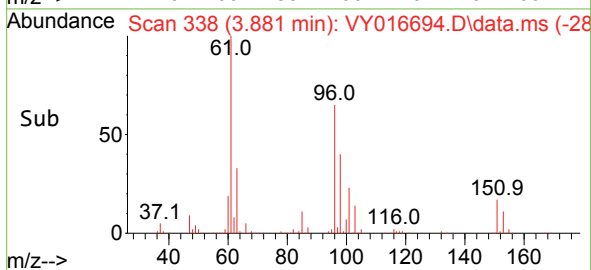
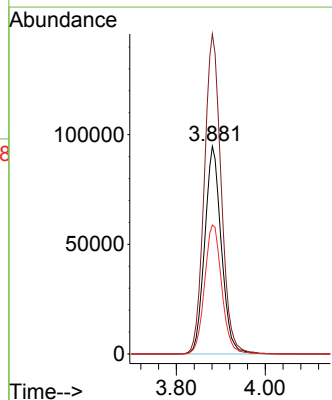
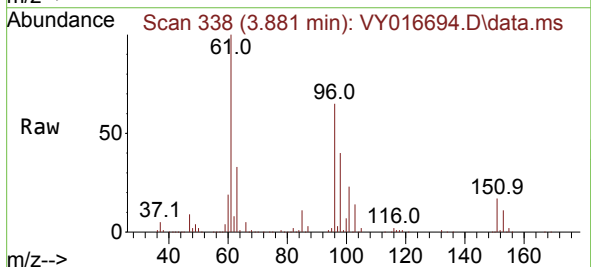
Instrument :
MSVOA_Y
ClientSampleId :

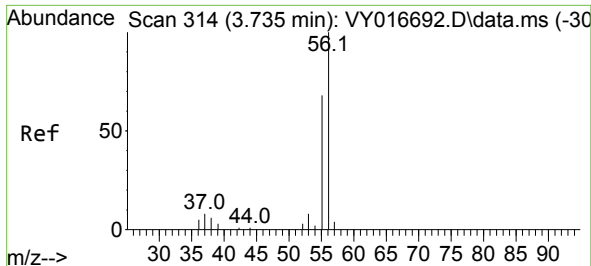
Tgt Ion: 59 Resp: 74488
Ion Ratio Lower Upper
59 100
57 4.8 7.9 11.9#



#12
1,1-Dichloroethene
Concen: 141.012 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

Tgt Ion: 96 Resp: 246902
Ion Ratio Lower Upper
96 100
61 154.0 123.9 185.9
98 62.1 50.1 75.1





#13

Acrolein

Concen: 752.735 ug/l

RT: 3.741 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

Instrument :

MSVOA_Y

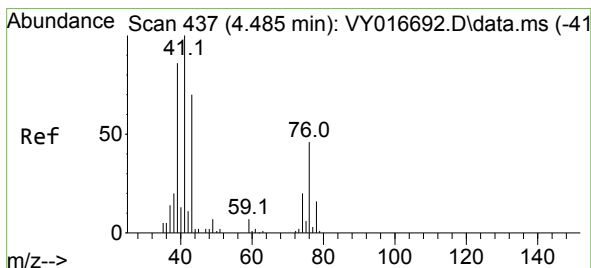
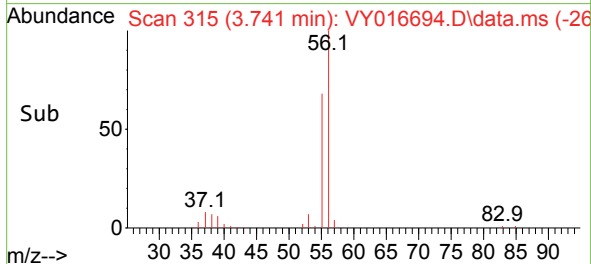
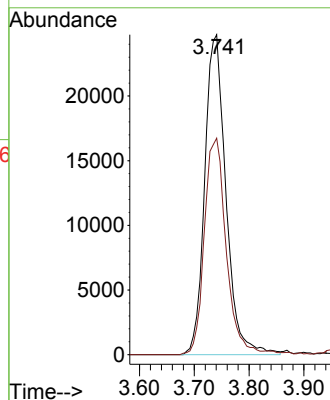
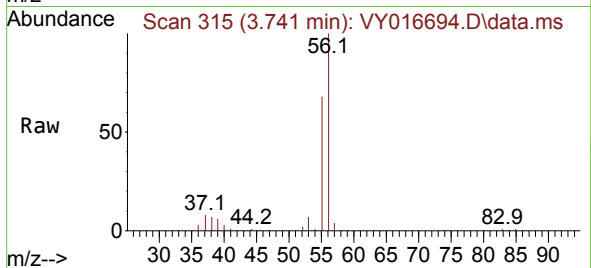
ClientSampleId :

Tgt Ion: 56 Resp: 66523

Ion Ratio Lower Upper

56 100

55 69.2 56.5 84.7



#14

Allyl chloride

Concen: 144.437 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

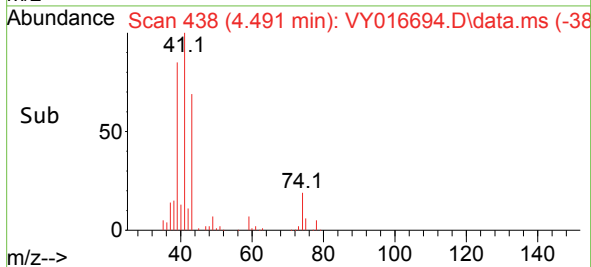
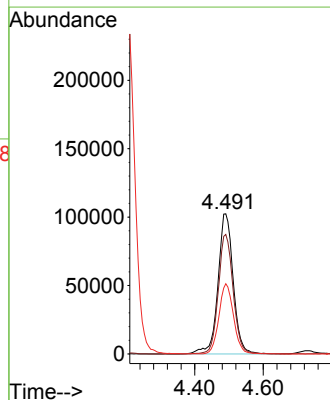
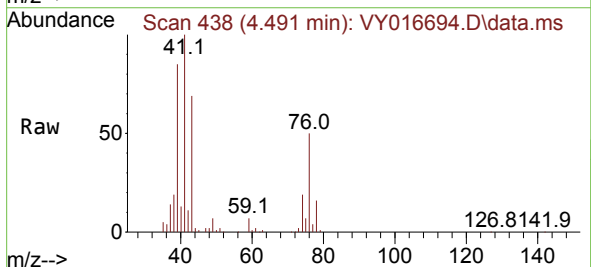
Tgt Ion: 41 Resp: 315778

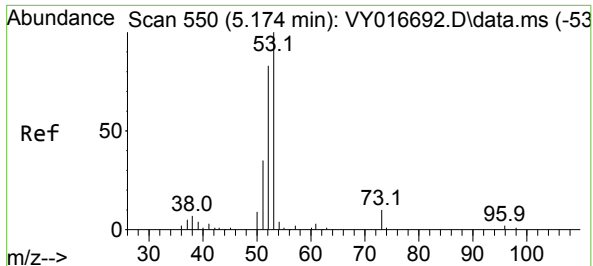
Ion Ratio Lower Upper

41 100

39 83.0 56.4 84.6

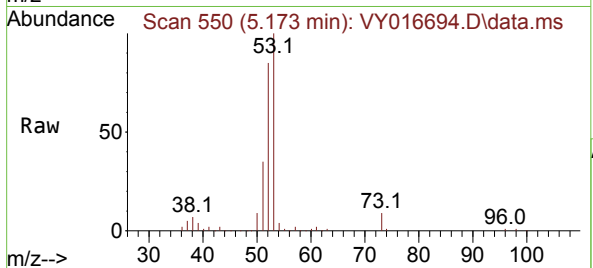
76 47.5 34.3 51.5



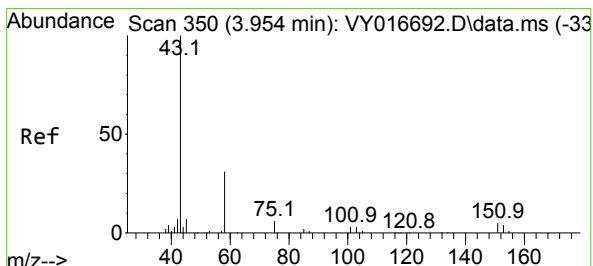
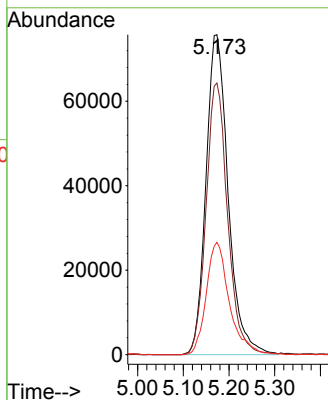
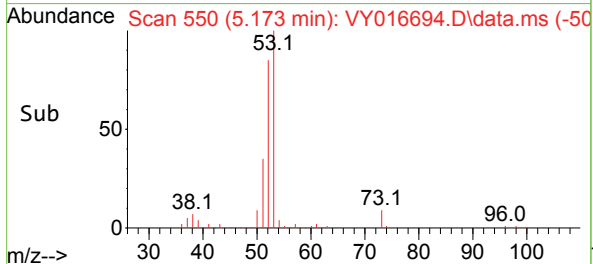


#15
Acrylonitrile
Concen: 671.996 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :

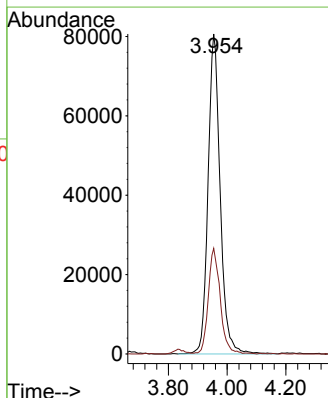
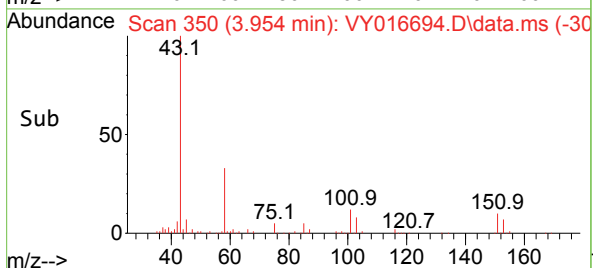
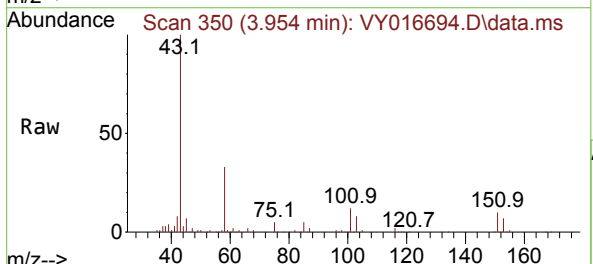


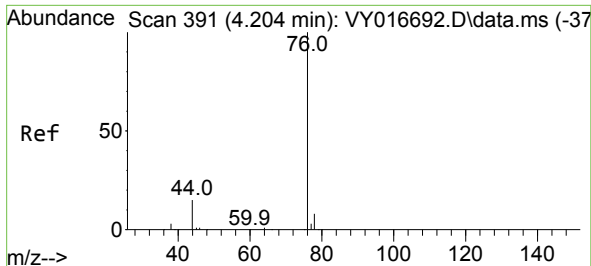
Tgt Ion: 53 Resp: 256254
Ion Ratio Lower Upper
53 100
52 82.7 64.3 96.5
51 36.6 28.3 42.5



#16
Acetone
Concen: 743.884 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

Tgt Ion: 43 Resp: 230664
Ion Ratio Lower Upper
43 100
58 33.0 29.0 43.4

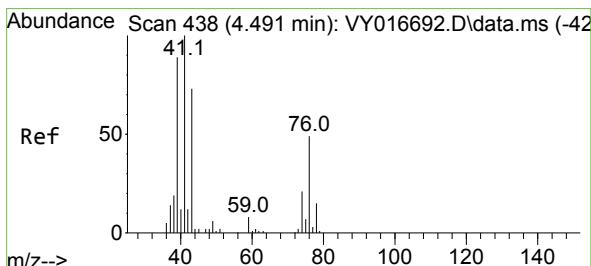
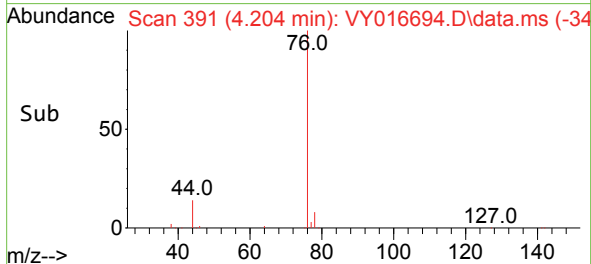
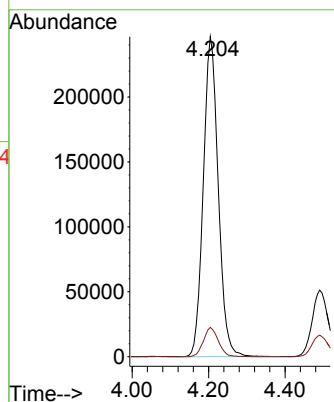
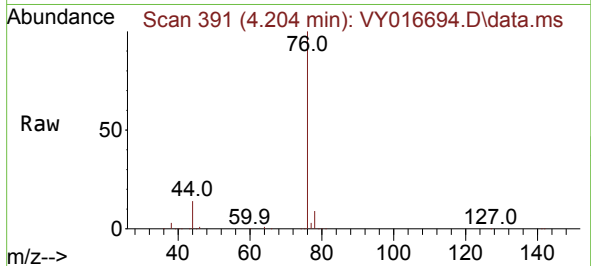




#17
Carbon Disulfide
Concen: 142.723 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

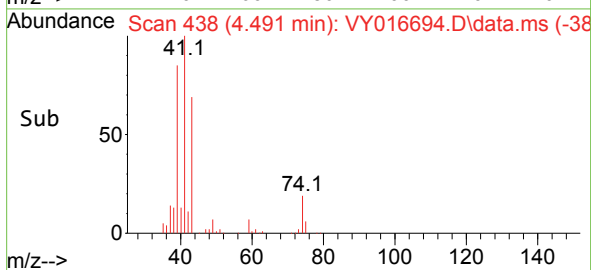
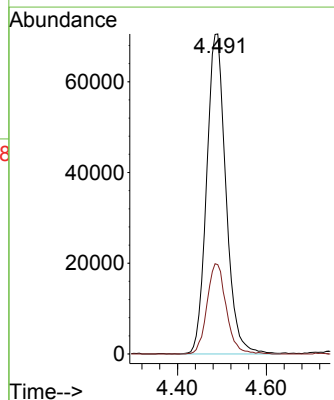
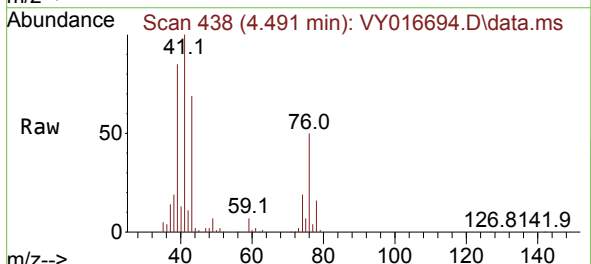
Instrument :
MSVOA_Y
ClientSampleId :

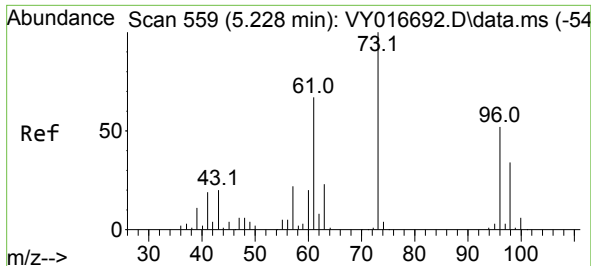
Tgt Ion: 76 Resp: 668795
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 141.094 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

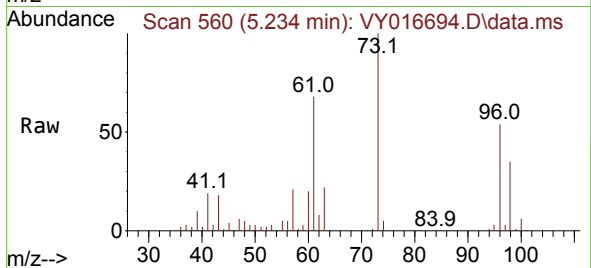
Tgt Ion: 43 Resp: 212555
Ion Ratio Lower Upper
43 100
74 28.2 22.1 33.1



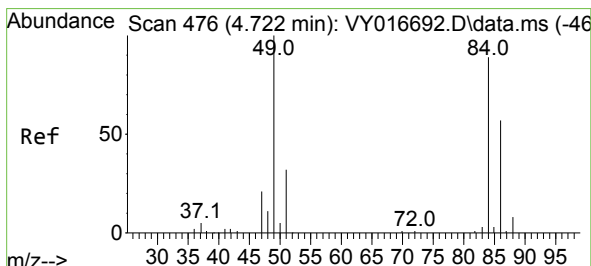
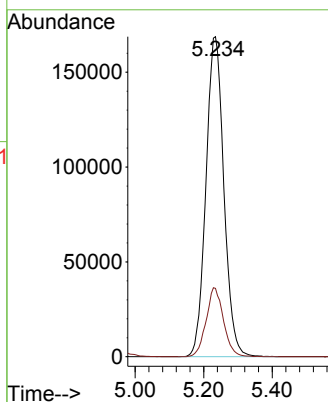
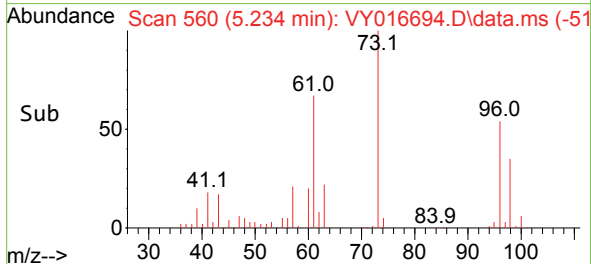


#19
Methyl tert-butyl Ether
Concen: 145.021 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

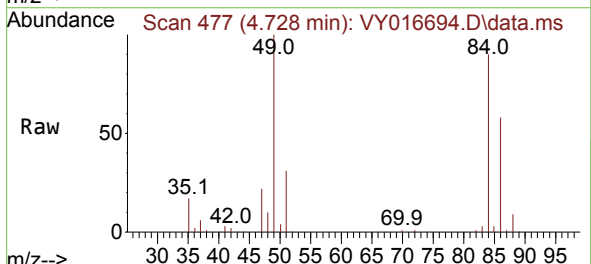
Instrument :
MSVOA_Y
ClientSampleId :



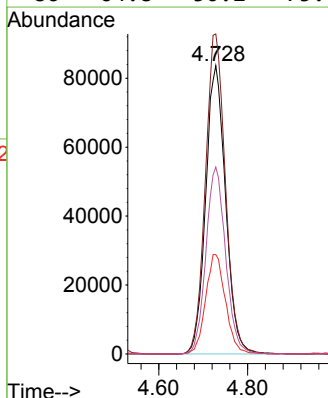
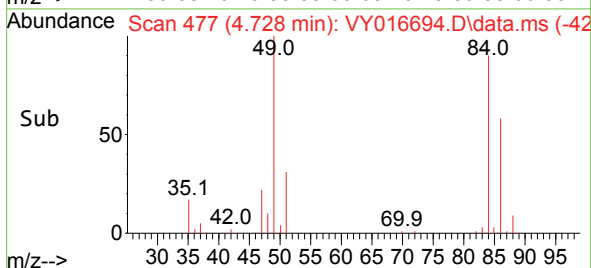
Tgt Ion: 73 Resp: 613392
Ion Ratio Lower Upper
73 100
57 21.3 17.9 26.9

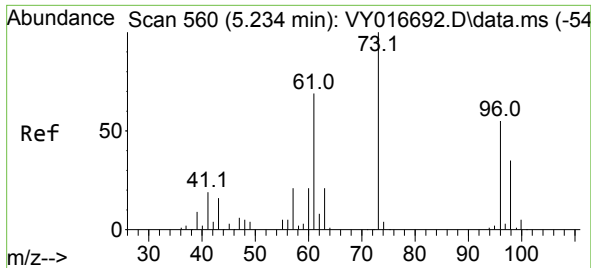


#20
Methylene Chloride
Concen: 147.495 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49



Tgt Ion: 84 Resp: 260612
Ion Ratio Lower Upper
84 100
49 111.0 83.8 125.8
51 34.5 27.2 40.8
86 64.8 50.2 75.4

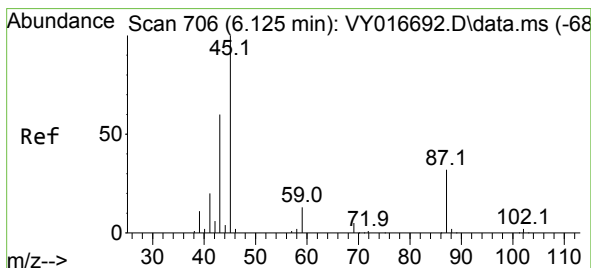
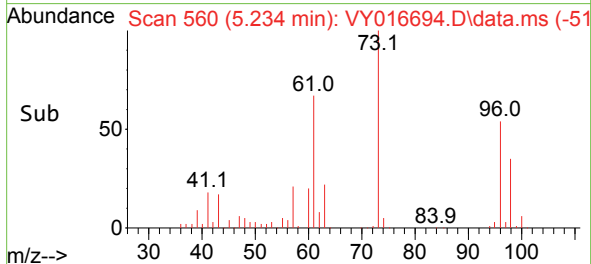
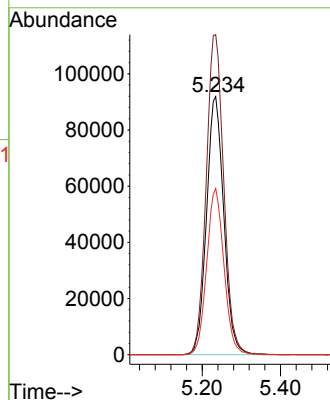
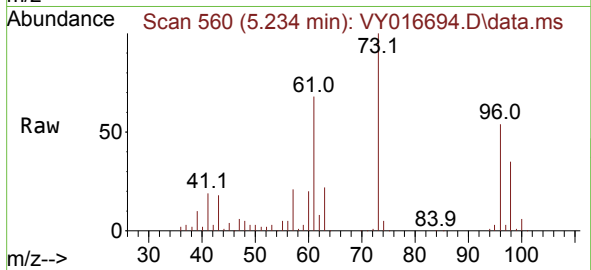




#21
trans-1,2-Dichloroethene
Concen: 141.879 ug/l
RT: 5.234 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

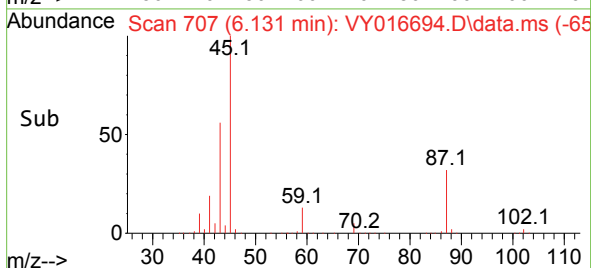
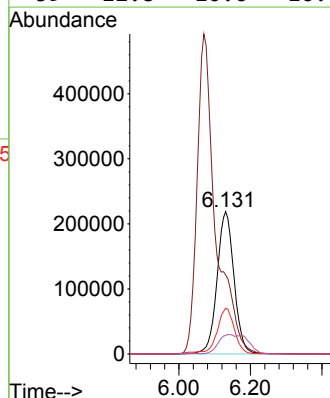
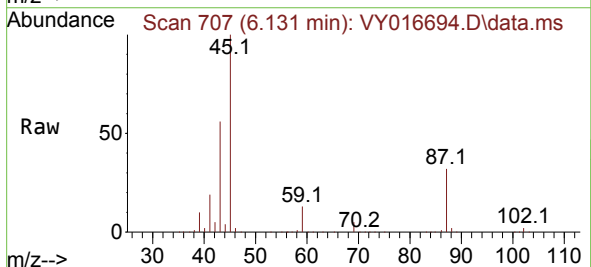
Instrument :
MSVOA_Y
ClientSampleId :

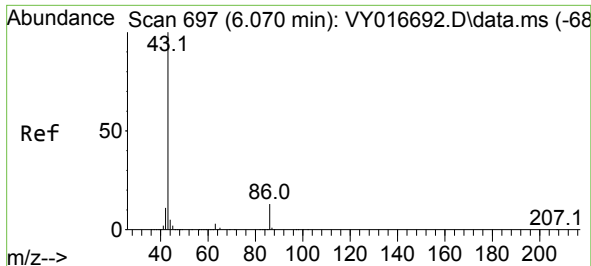
Tgt Ion: 96 Resp: 280953
Ion Ratio Lower Upper
96 100
61 124.0 100.0 150.0
98 64.4 52.2 78.2



#22
Diisopropyl ether
Concen: 143.997 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

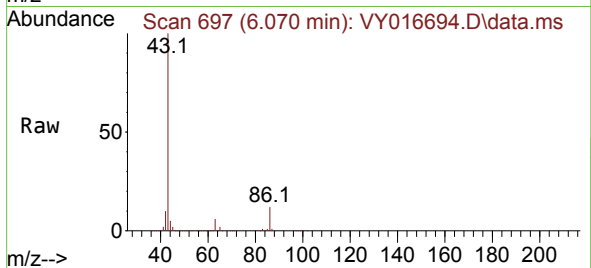
Tgt Ion: 45 Resp: 720561
Ion Ratio Lower Upper
45 100
43 55.4 42.4 63.6
87 32.2 25.0 37.4
59 12.8 10.6 16.0



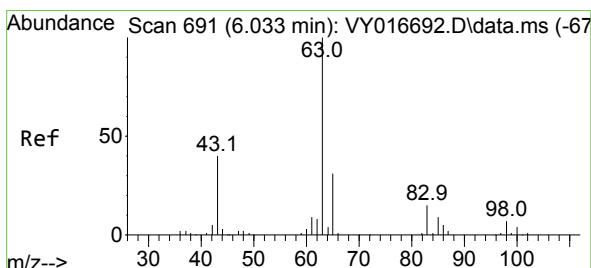
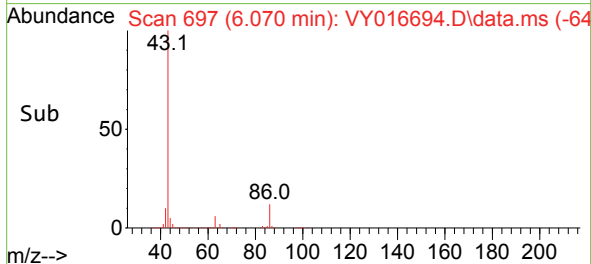
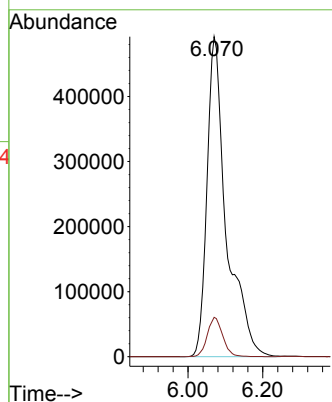


#23
 Vinyl Acetate
 Concen: 722.709 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY016694.D
 Acq: 19 Dec 2023 12:49

Instrument :
 MSVOA_Y
 ClientSampleId :

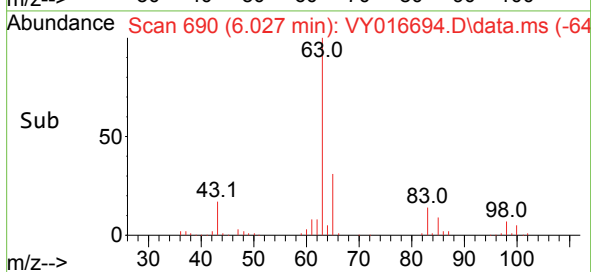
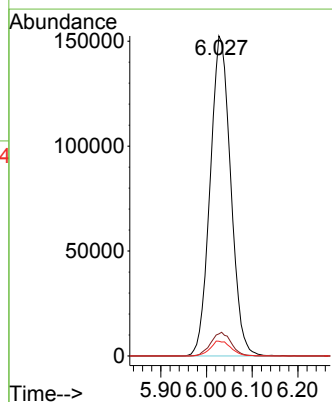
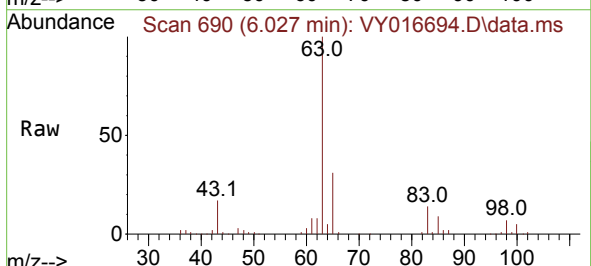


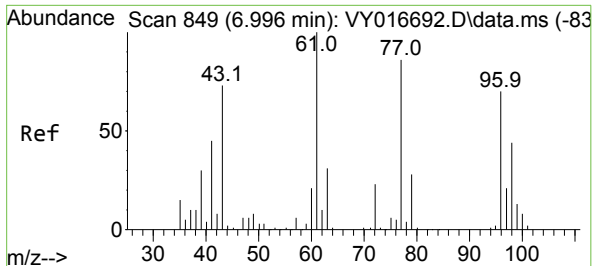
Tgt Ion: 43 Resp: 1768395
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.3 15.5



#24
 1,1-Dichloroethane
 Concen: 138.147 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY016694.D
 Acq: 19 Dec 2023 12:49

Tgt Ion: 63 Resp: 476060
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.6 2.5 7.5





#25

2-Butanone

Concen: 749.664 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

Instrument :

MSVOA_Y

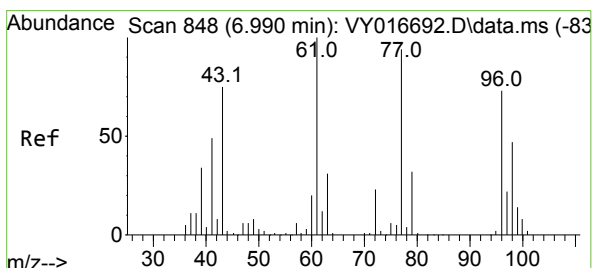
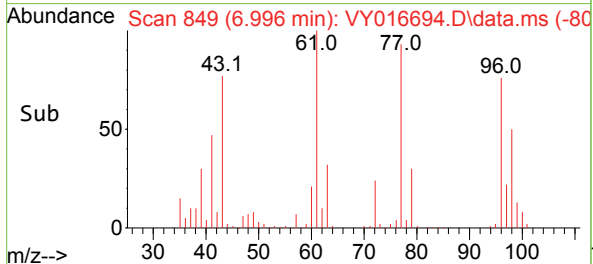
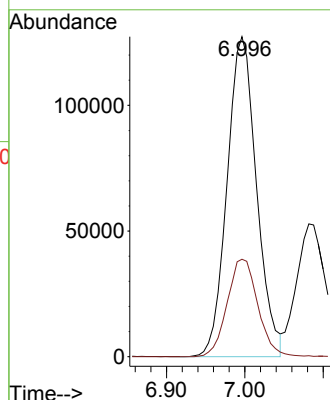
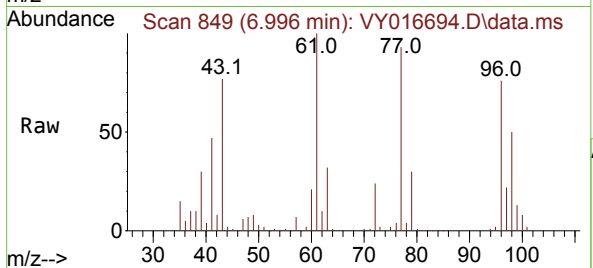
ClientSampleId :

Tgt Ion: 43 Resp: 333076

Ion Ratio Lower Upper

43 100

72 30.5 26.3 39.5



#26

2,2-Dichloropropane

Concen: 145.310 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY016694.D

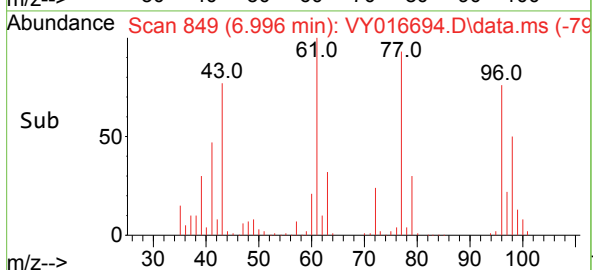
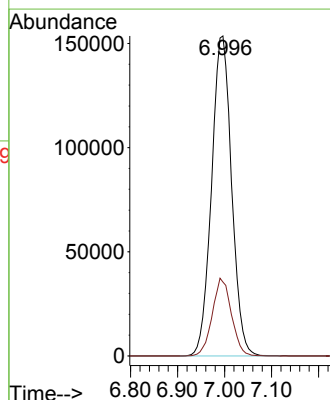
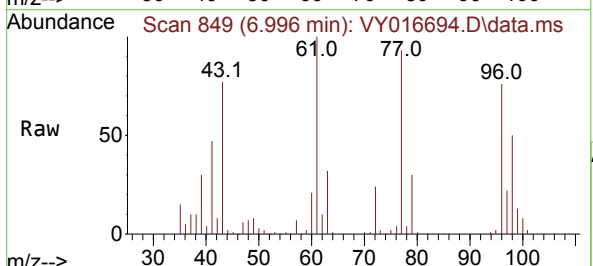
Acq: 19 Dec 2023 12:49

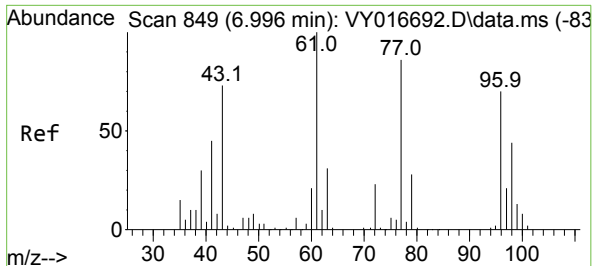
Tgt Ion: 77 Resp: 454753

Ion Ratio Lower Upper

77 100

97 23.2 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 145.371 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

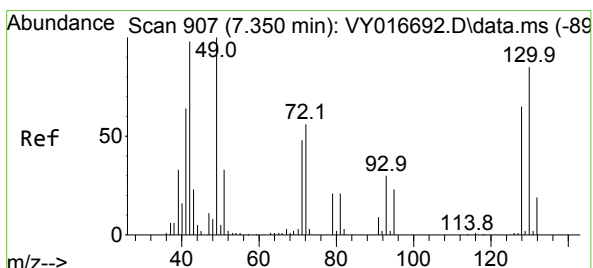
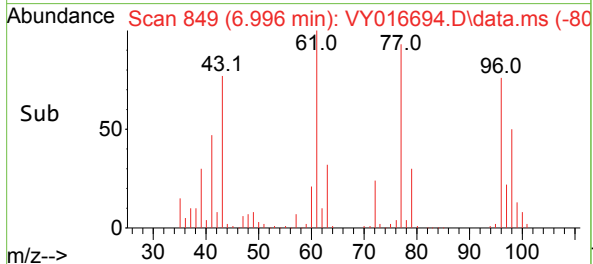
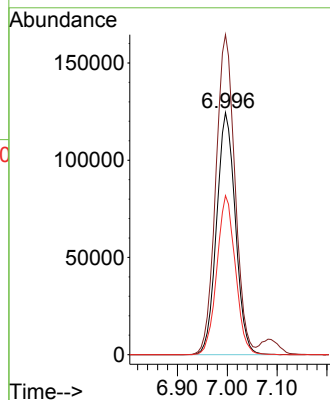
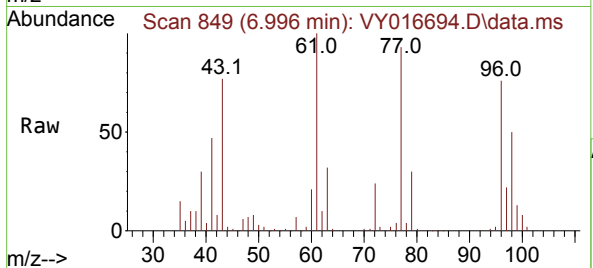
Tgt Ion: 96 Resp: 325367

Ion Ratio Lower Upper

96 100

61 135.1 0.0 255.8

98 65.0 0.0 129.2



#28

Bromochloromethane

Concen: 150.516 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

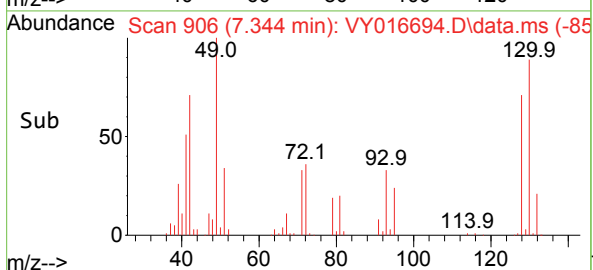
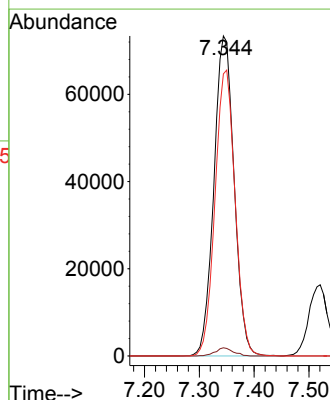
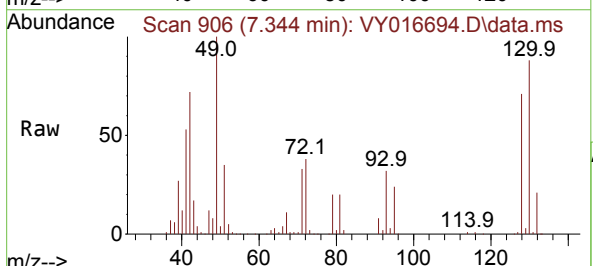
Tgt Ion: 49 Resp: 188348

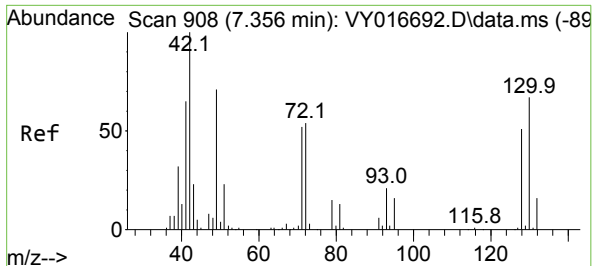
Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.2

130 88.5 75.9 113.9





#29

Tetrahydrofuran

Concen: 702.846 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

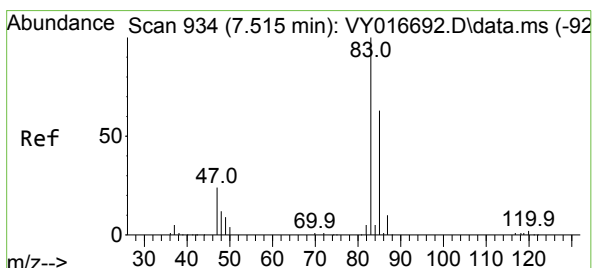
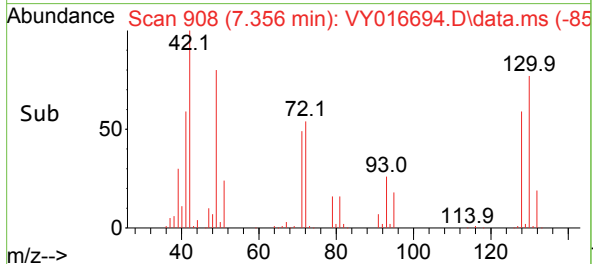
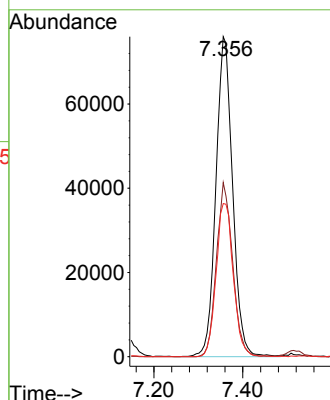
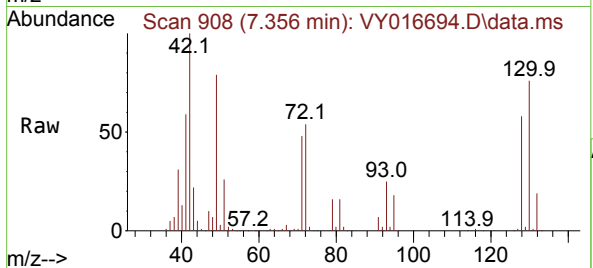
Tgt Ion: 42 Resp: 197842

Ion Ratio Lower Upper

42 100

72 52.9 40.3 60.5

71 49.3 38.9 58.3



#30

Chloroform

Concen: 136.378 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.000 min

Lab File: VY016694.D

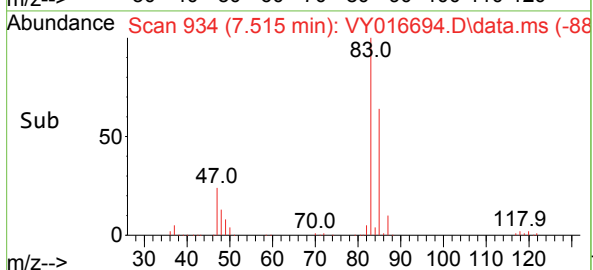
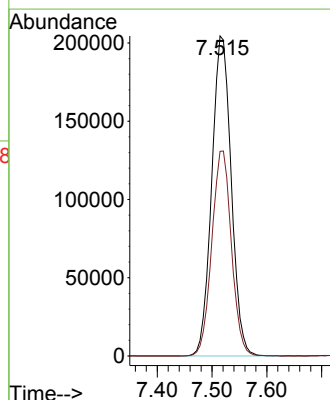
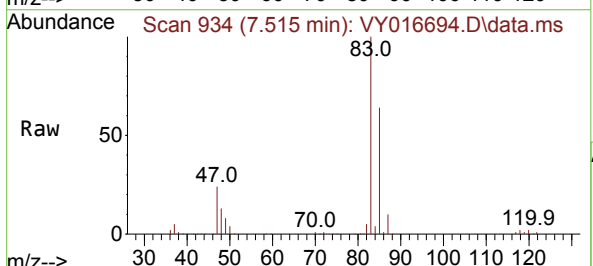
Acq: 19 Dec 2023 12:49

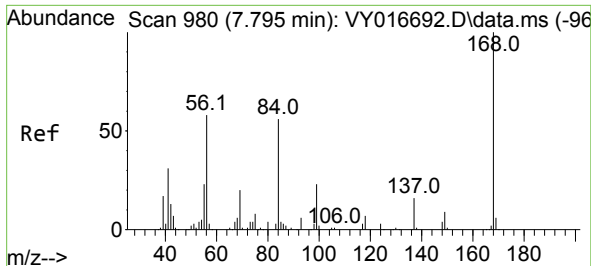
Tgt Ion: 83 Resp: 504217

Ion Ratio Lower Upper

83 100

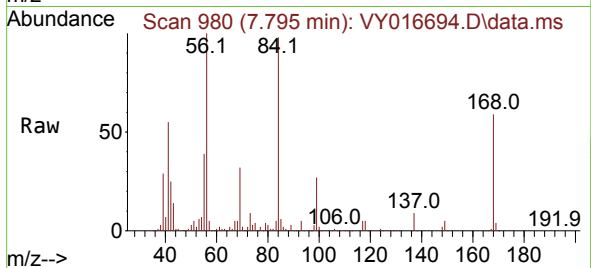
85 64.0 52.6 78.8



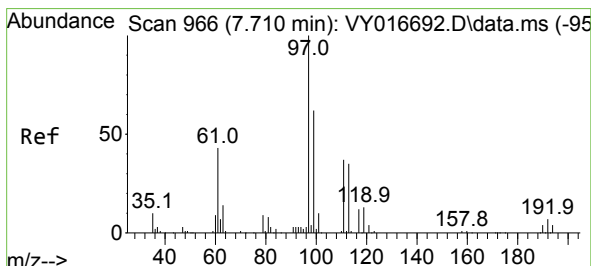
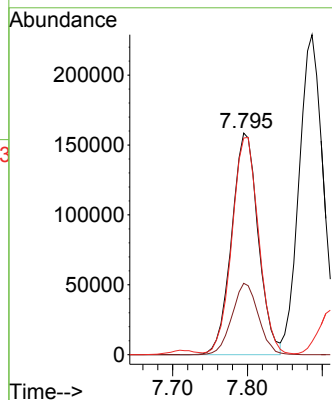
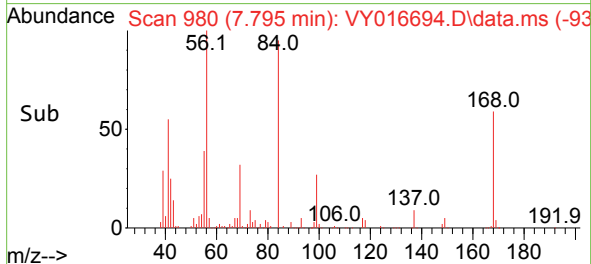


#31
Cyclohexane
Concen: 137.820 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :

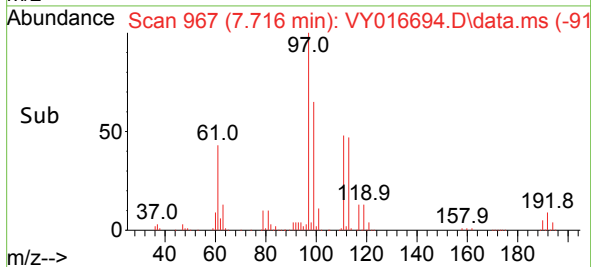
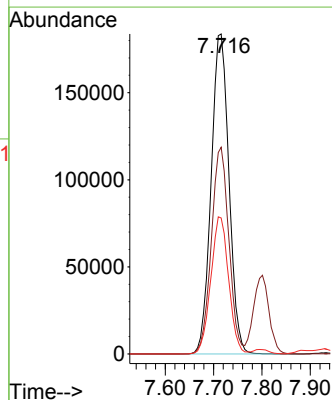
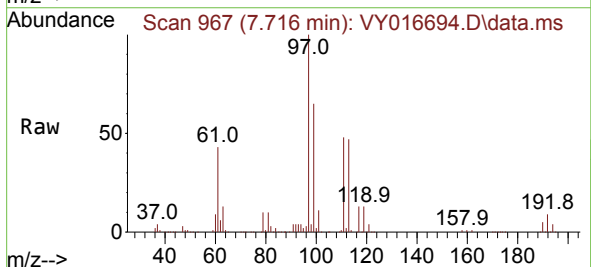


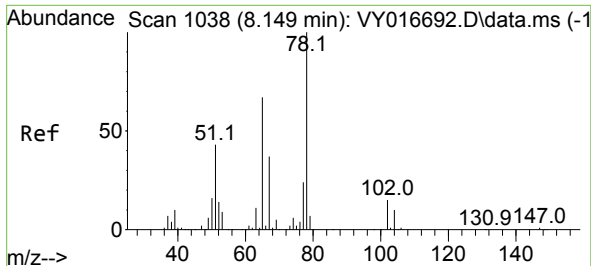
Tgt Ion: 56 Resp: 392199
Ion Ratio Lower Upper
56 100
69 32.2 27.5 41.3
84 95.8 78.1 117.1



#32
1,1,1-Trichloroethane
Concen: 142.954 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

Tgt Ion: 97 Resp: 469308
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 43.0 31.6 47.4





#33

1,2-Dichloroethane-d4

Concen: 142.244 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

Instrument :

MSVOA_Y

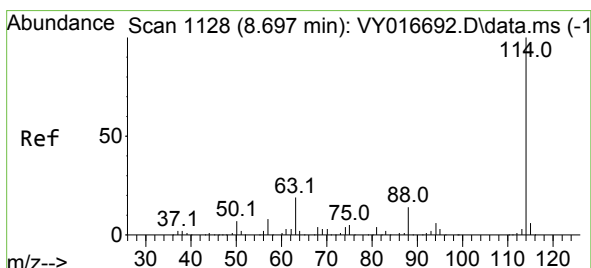
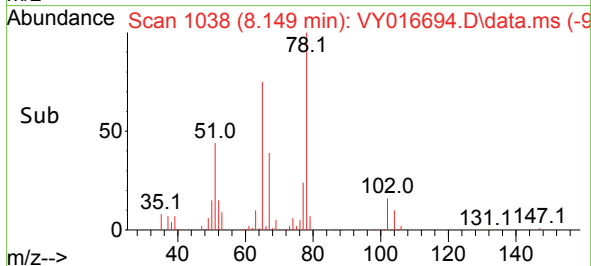
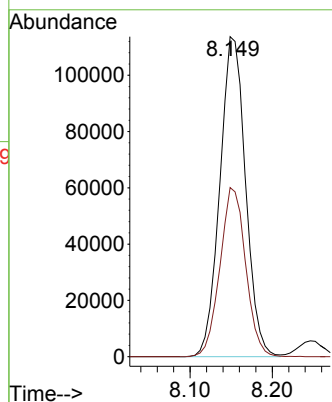
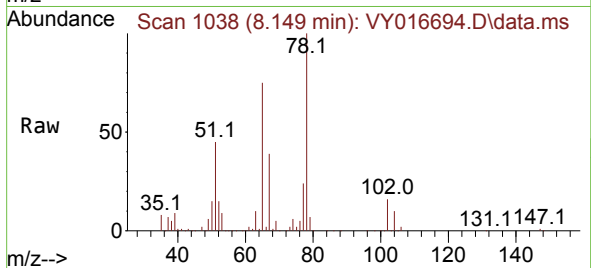
ClientSampleId :

Tgt Ion: 65 Resp: 247310

Ion Ratio Lower Upper

65 100

67 52.8 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

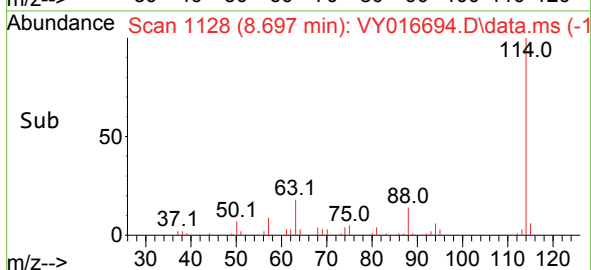
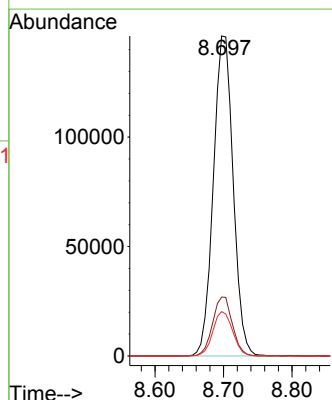
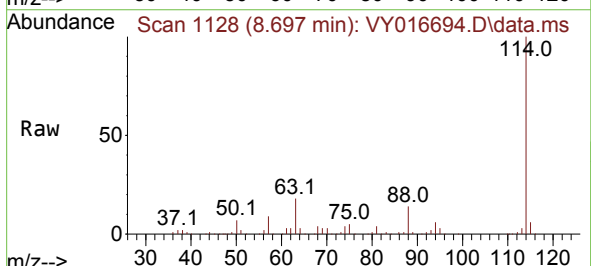
Tgt Ion: 114 Resp: 293360

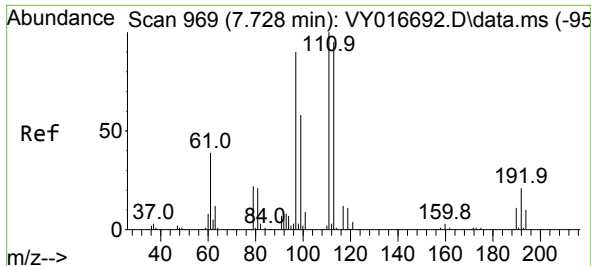
Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.0

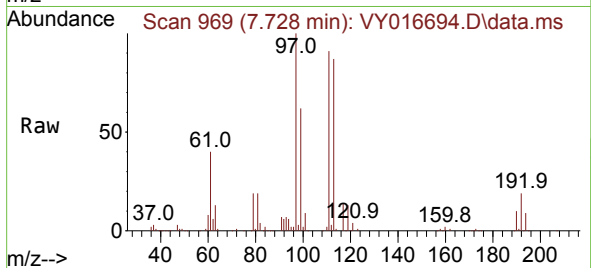
88 13.9 0.0 29.2



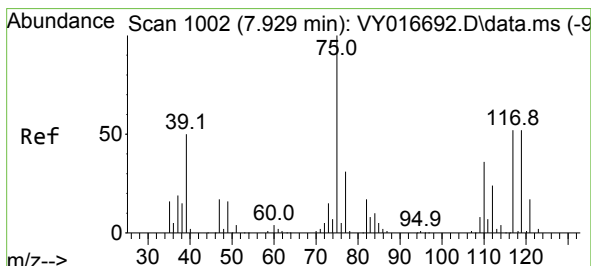
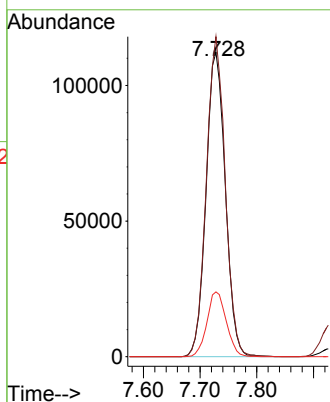
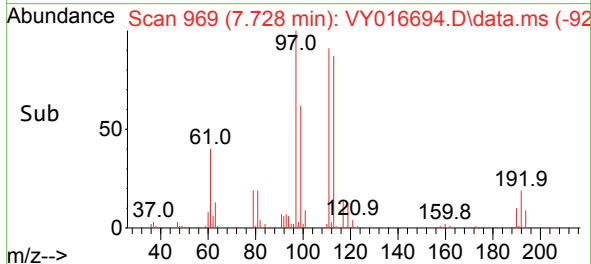


#35
Dibromofluoromethane
Concen: 153.291 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

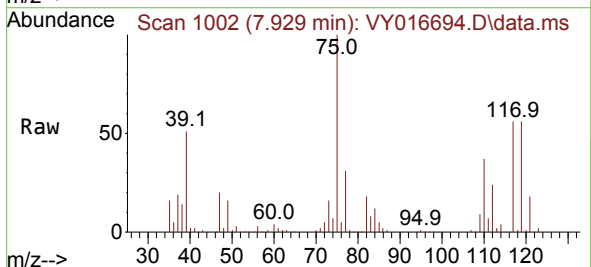
Instrument :
MSVOA_Y
ClientSampleId :



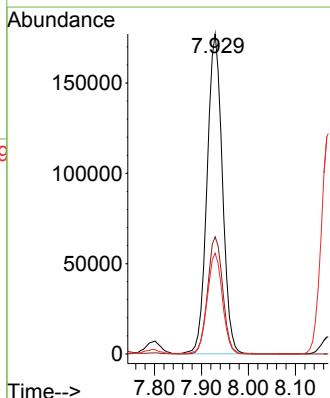
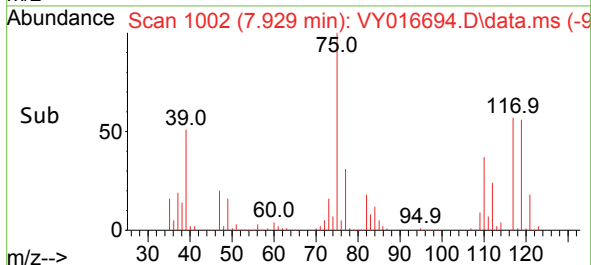
Tgt Ion:113 Resp: 264853
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 21.4 16.2 24.4

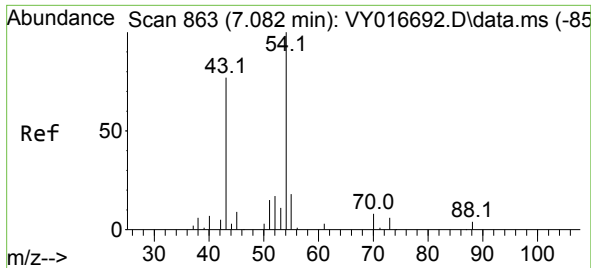


#36
1,1-Dichloropropene
Concen: 152.763 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49



Tgt Ion: 75 Resp: 399252
Ion Ratio Lower Upper
75 100
110 36.3 18.9 56.9
77 31.5 25.3 37.9

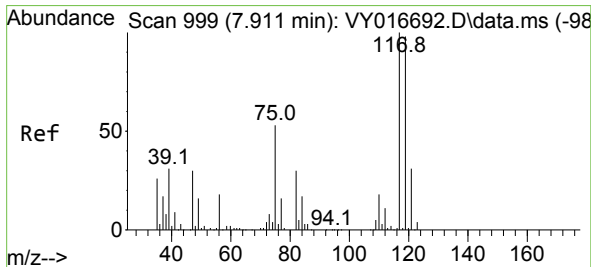
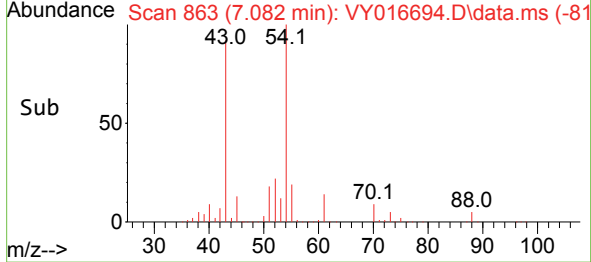
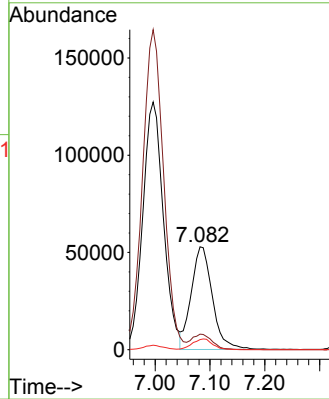
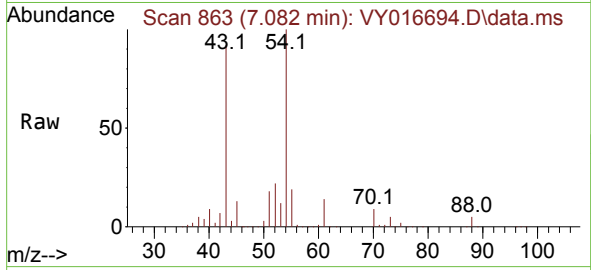




#37
Ethyl Acetate
Concen: 141.505 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

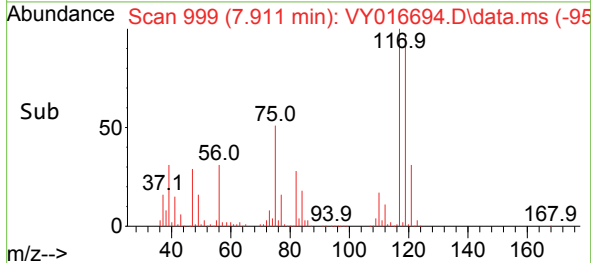
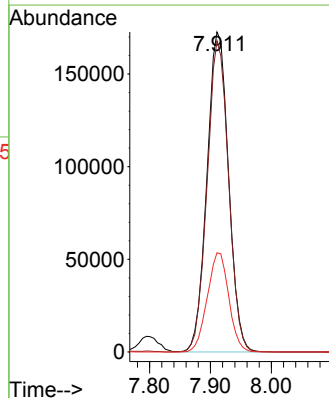
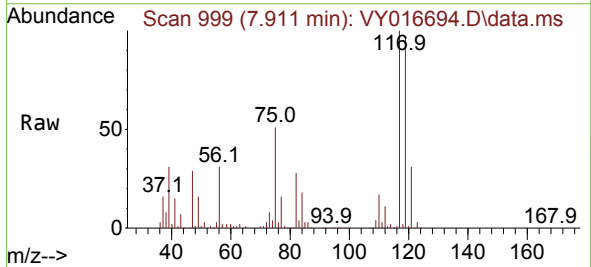
Instrument :
MSVOA_Y
ClientSampleId :

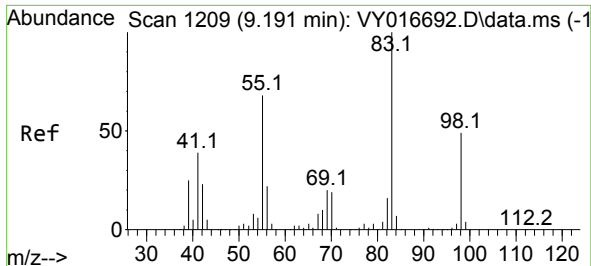
Tgt Ion: 43 Resp: 141646
Ion Ratio Lower Upper
43 100
61 14.3 13.0 19.4
70 10.0 9.9 14.9



#38
Carbon Tetrachloride
Concen: 151.158 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

Tgt Ion: 117 Resp: 426260
Ion Ratio Lower Upper
117 100
119 97.3 75.0 112.4
121 31.0 24.2 36.4





#39

Methylcyclohexane

Concen: 165.897 ug/l

RT: 9.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

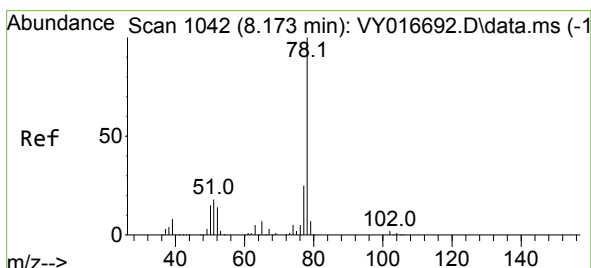
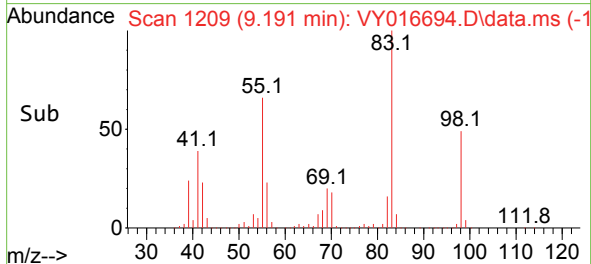
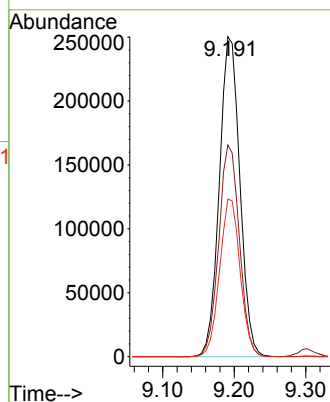
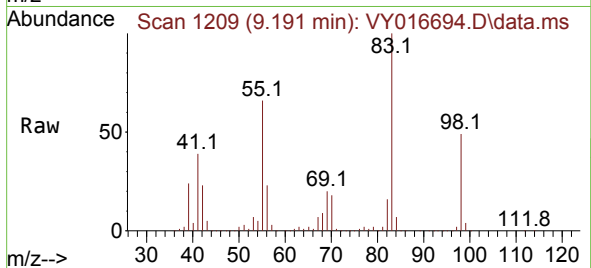
Tgt Ion: 83 Resp: 499194

Ion Ratio Lower Upper

83 100

55 66.1 54.6 81.8

98 49.3 40.1 60.1



#40

Benzene

Concen: 149.654 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY016694.D

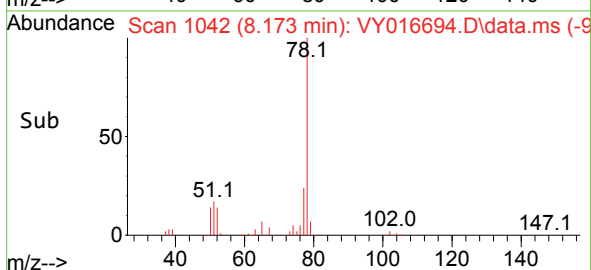
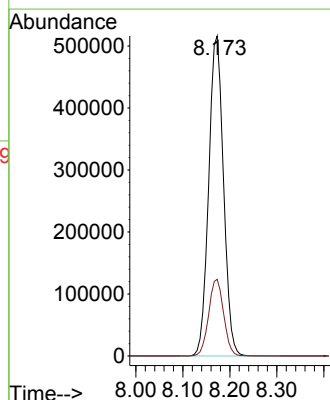
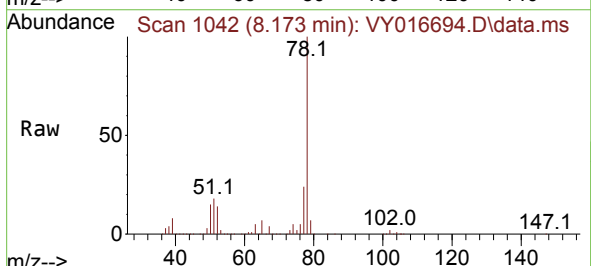
Acq: 19 Dec 2023 12:49

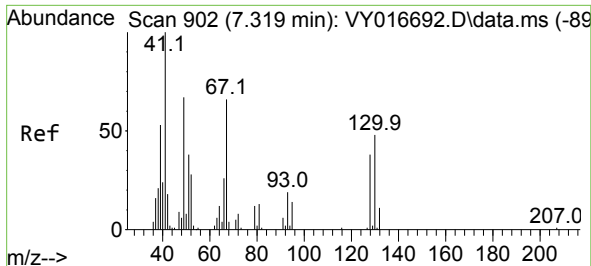
Tgt Ion: 78 Resp: 1123752

Ion Ratio Lower Upper

78 100

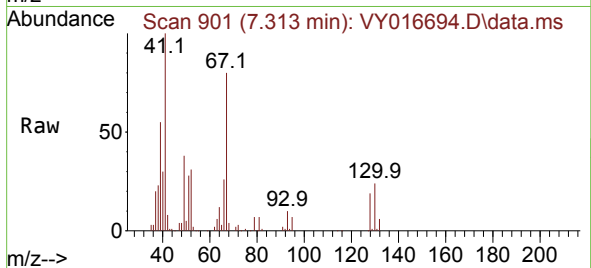
77 24.0 19.0 28.4



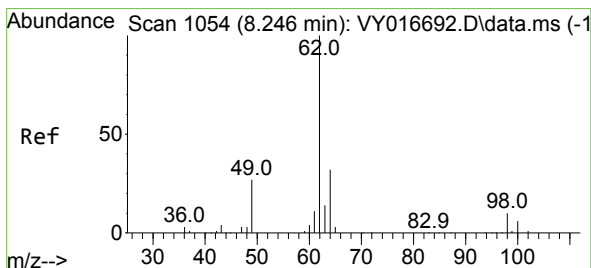
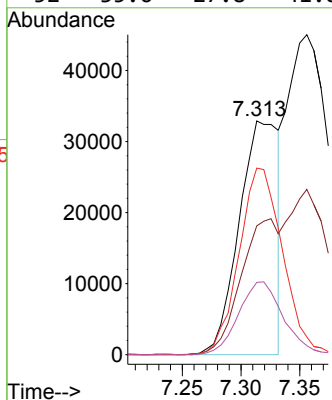
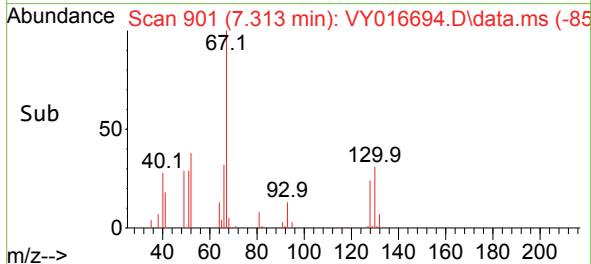


#41
Methacrylonitrile
Concen: 144.358 ug/l
RT: 7.313 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :

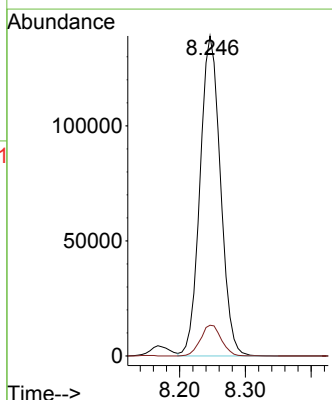
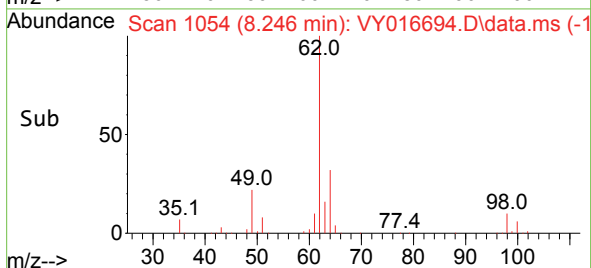
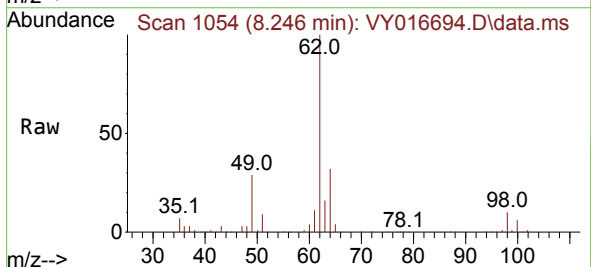


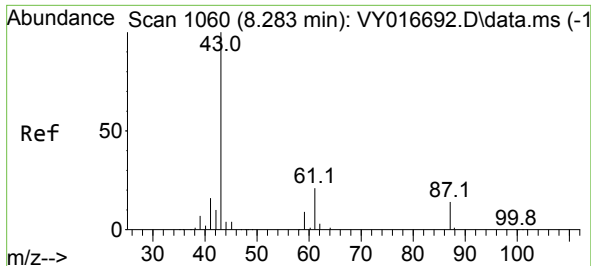
Tgt Ion:	41	Resp:	76744
Ion Ratio	Lower	Upper	
41	100		
39	55.6	47.8	71.6
67	88.5	74.9	112.3
52	35.6	27.8	41.8



#42
1,2-Dichloroethane
Concen: 141.125 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

Tgt Ion:	62	Resp:	299867
Ion Ratio	Lower	Upper	
62	100		
98	9.9	0.0	22.4

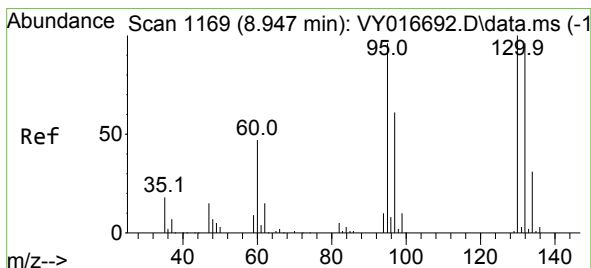
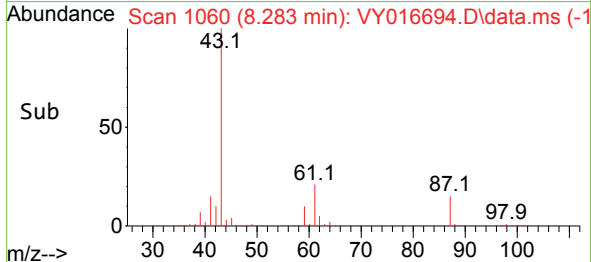
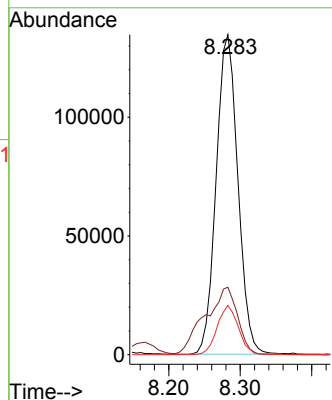
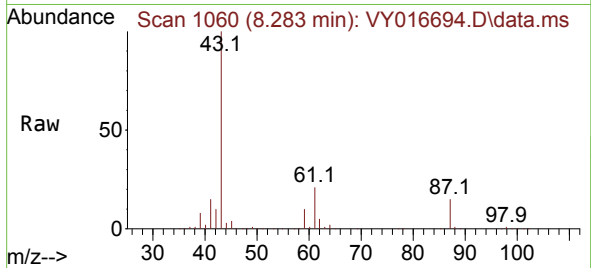




#43
Isopropyl Acetate
Concen: 147.504 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

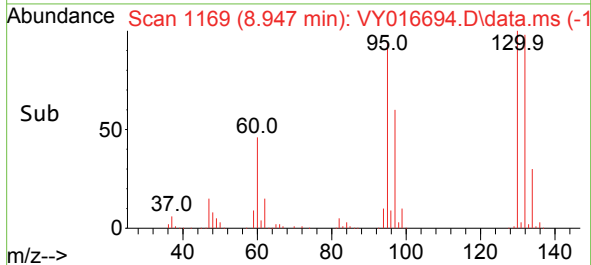
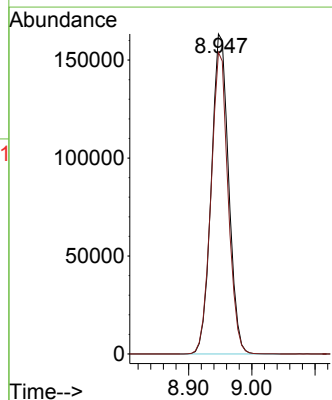
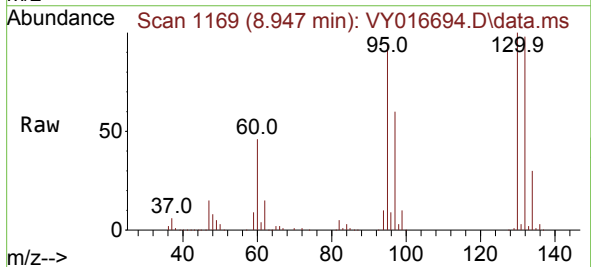
Instrument :
MSVOA_Y
ClientSampleId :

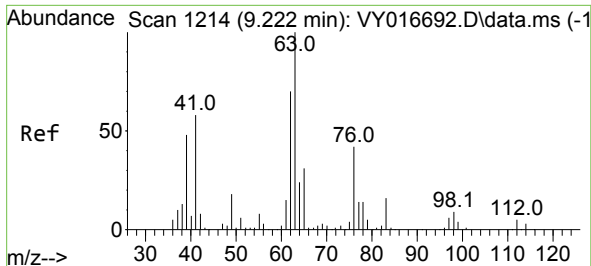
Tgt Ion: 43 Resp: 283587
Ion Ratio Lower Upper
43 100
61 31.8 27.4 41.0
87 15.1 13.2 19.8



#44
Trichloroethene
Concen: 150.497 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

Tgt Ion:130 Resp: 310994
Ion Ratio Lower Upper
130 100
95 94.2 0.0 189.2

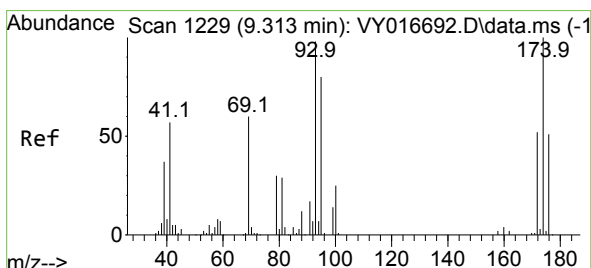
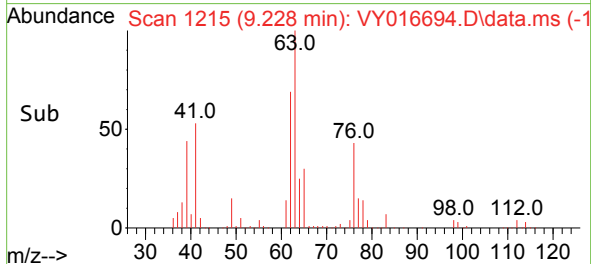
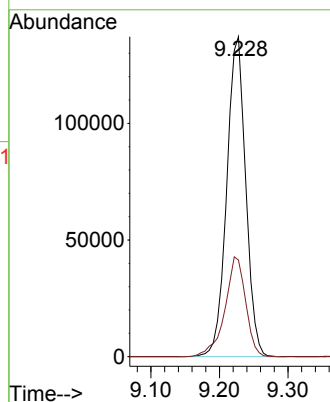
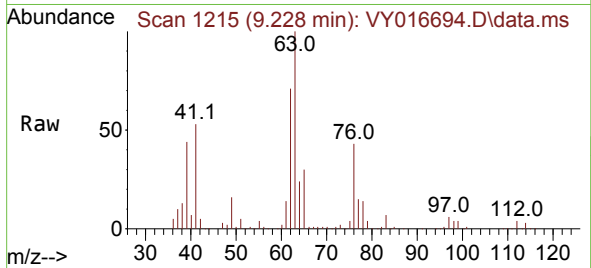




#45
1,2-Dichloropropane
Concen: 146.922 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

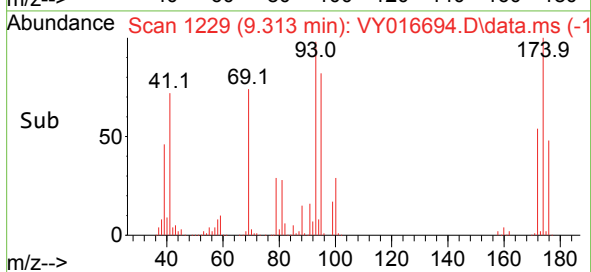
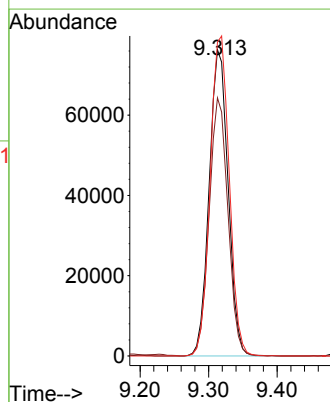
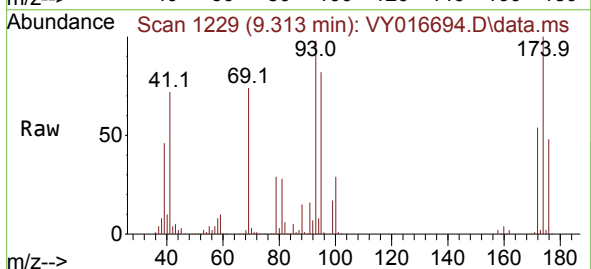
Instrument :
MSVOA_Y
ClientSampleId :

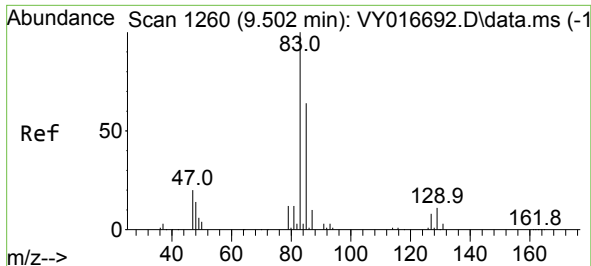
Tgt Ion: 63 Resp: 263693
Ion Ratio Lower Upper
63 100
65 30.2 24.0 36.0



#46
Dibromomethane
Concen: 144.449 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

Tgt Ion: 93 Resp: 146401
Ion Ratio Lower Upper
93 100
95 83.7 66.9 100.3
174 105.4 85.2 127.8

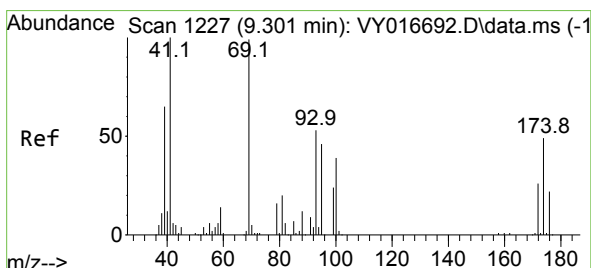
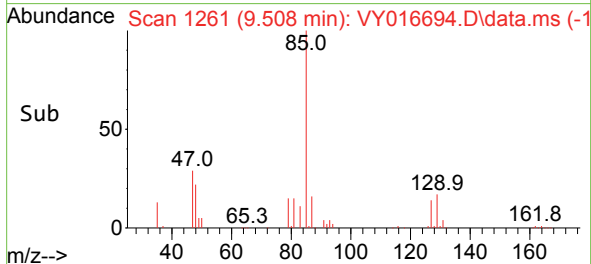
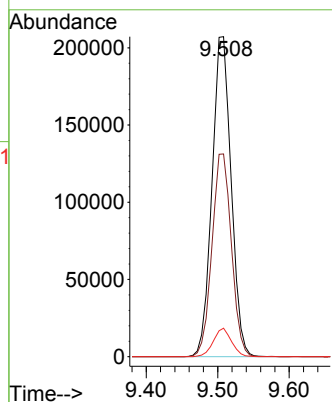
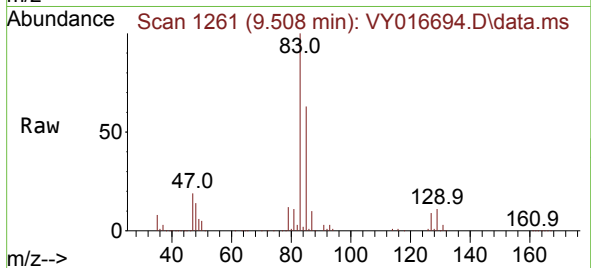




#47
Bromodichloromethane
Concen: 145.363 ug/l
RT: 9.508 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

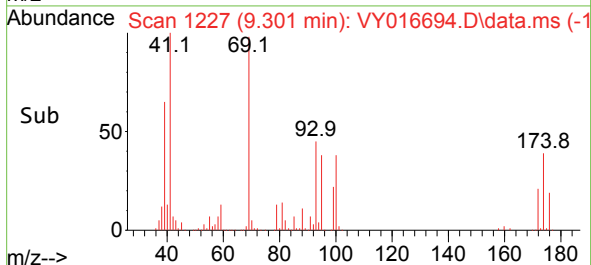
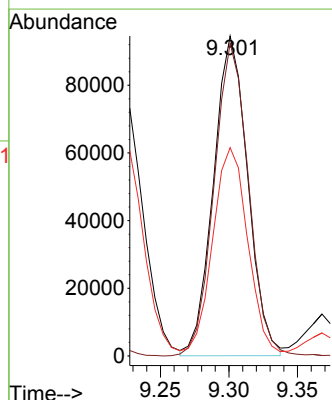
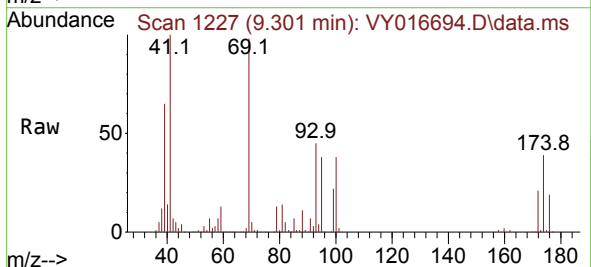
Instrument :
MSVOA_Y
ClientSampleId :

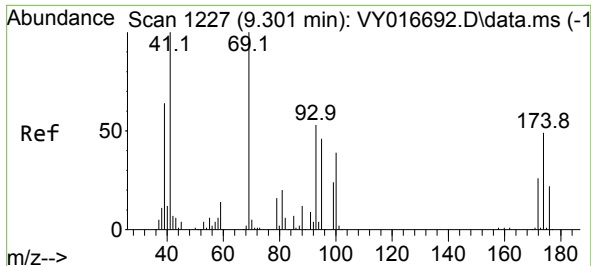
Tgt Ion: 83 Resp: 384675
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.0
127 8.9 7.3 10.9



#48
Methyl methacrylate
Concen: 157.622 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

Tgt Ion: 41 Resp: 164419
Ion Ratio Lower Upper
41 100
69 98.1 85.5 128.3
39 64.1 40.9 61.3





#49

1,4-Dioxane

Concen: 3237.727 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

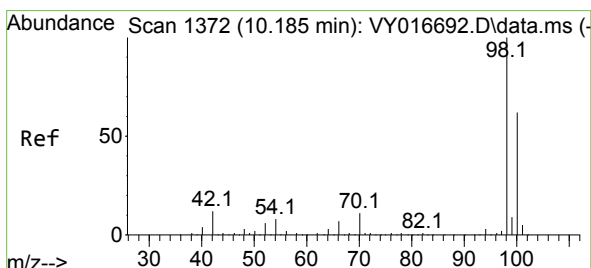
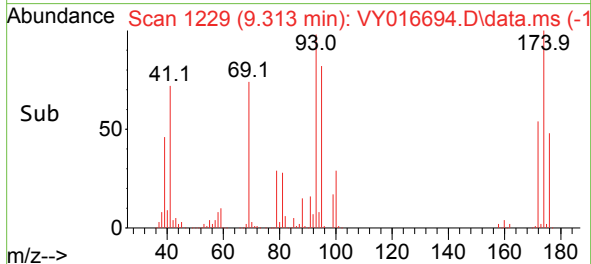
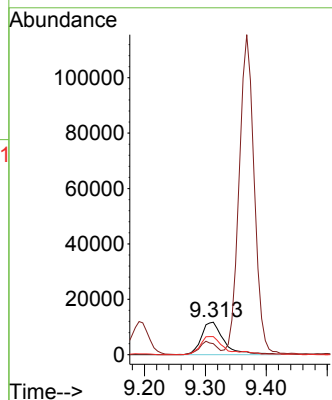
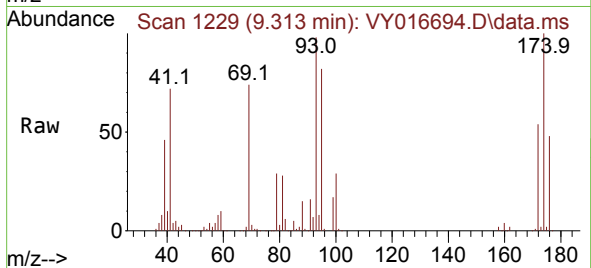
Tgt Ion: 88 Resp: 30213

Ion Ratio Lower Upper

88 100

43 29.6 0.0 0.0#

58 54.1 54.0 81.0



#50

Toluene-d8

Concen: 162.627 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY016694.D

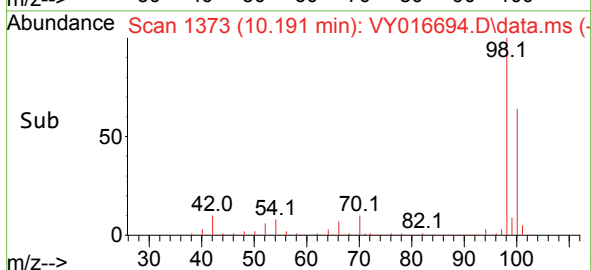
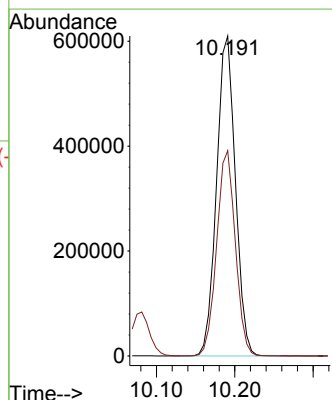
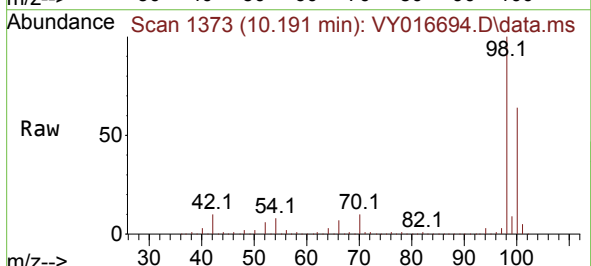
Acq: 19 Dec 2023 12:49

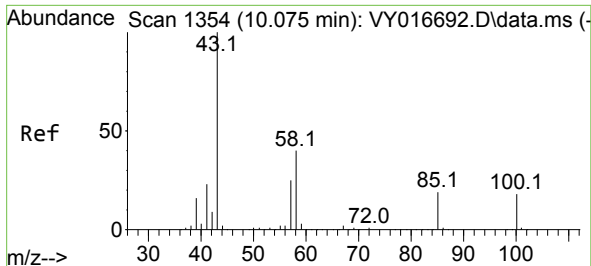
Tgt Ion: 98 Resp: 1017611

Ion Ratio Lower Upper

98 100

100 63.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 766.982 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. -0.000 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

Instrument :

MSVOA_Y

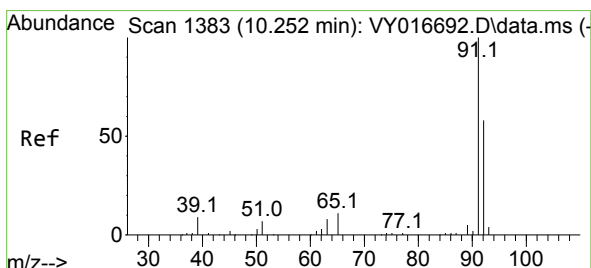
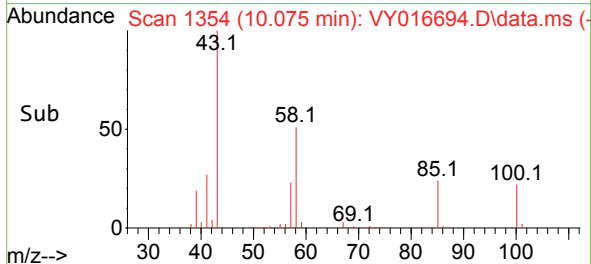
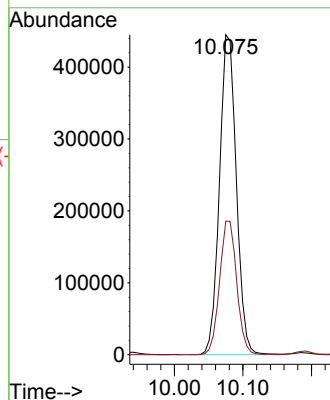
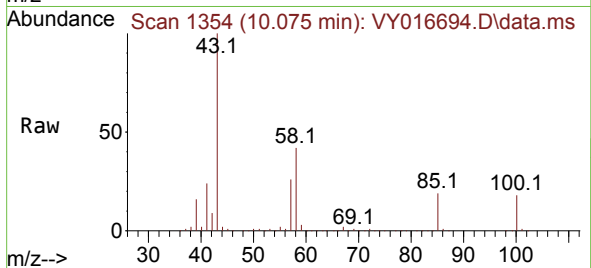
ClientSampleId :

Tgt Ion: 43 Resp: 756843

Ion Ratio Lower Upper

43 100

58 42.6 35.8 53.8



#52

Toluene

Concen: 157.460 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VY016694.D

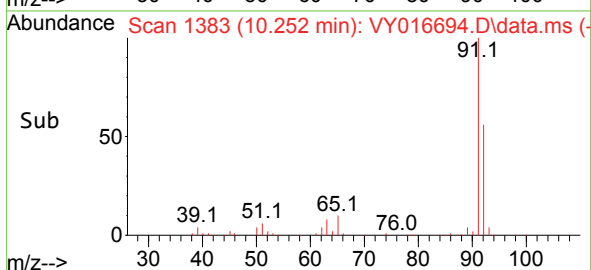
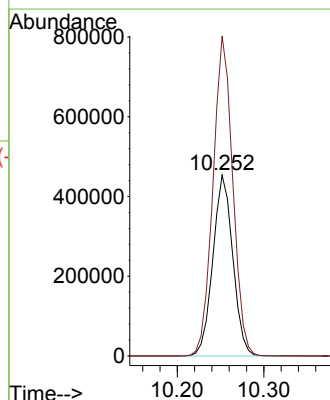
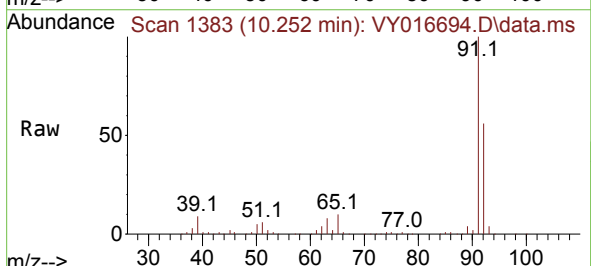
Acq: 19 Dec 2023 12:49

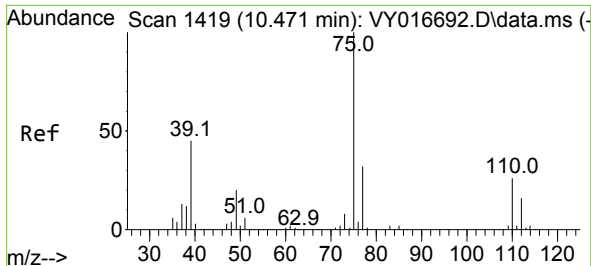
Tgt Ion: 92 Resp: 723432

Ion Ratio Lower Upper

92 100

91 176.0 136.3 204.5

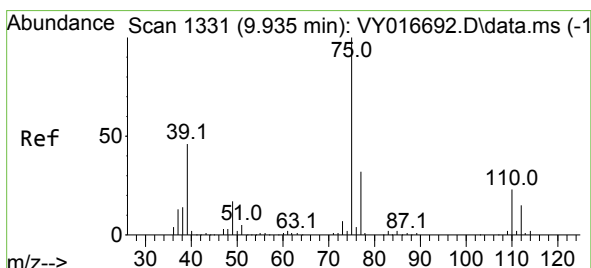
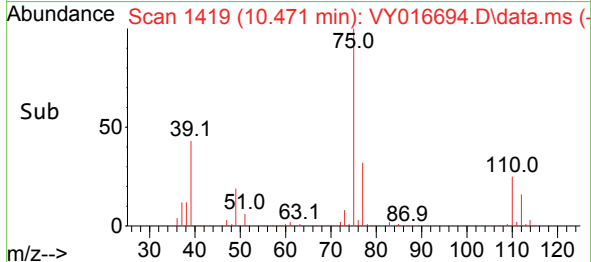
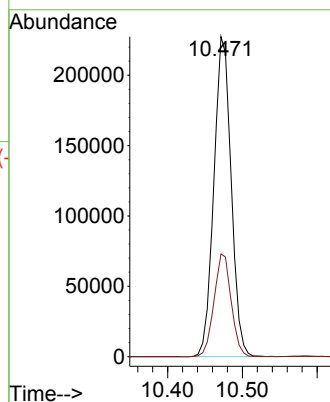
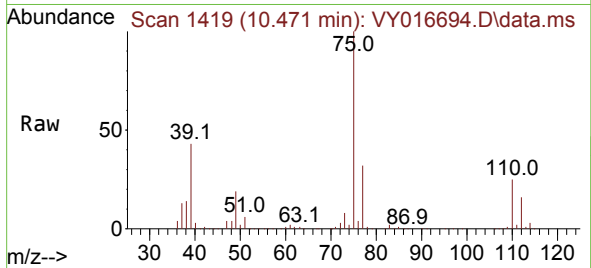




#53
 t-1,3-Dichloropropene
 Concen: 154.234 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.000 min
 Lab File: VY016694.D
 Acq: 19 Dec 2023 12:49

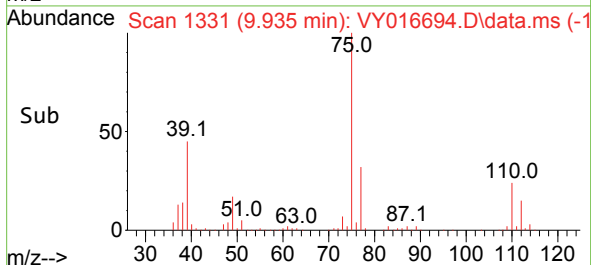
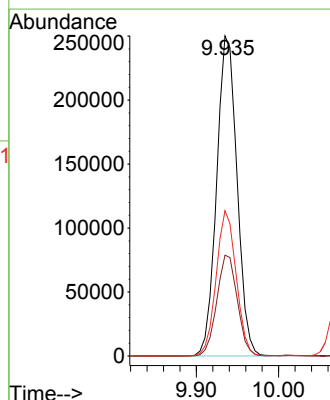
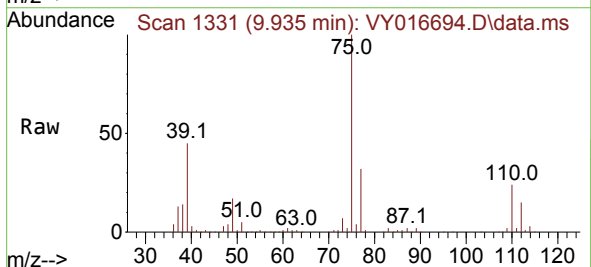
Instrument :
 MSVOA_Y
 ClientSampleId :

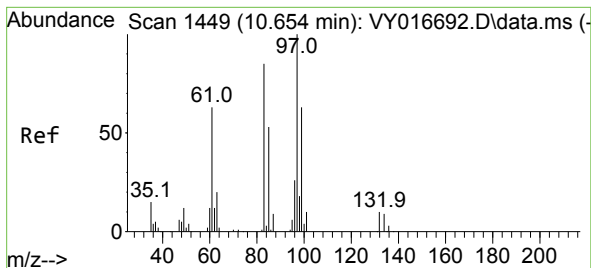
Tgt Ion: 75 Resp: 365453
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 153.557 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.000 min
 Lab File: VY016694.D
 Acq: 19 Dec 2023 12:49

Tgt Ion: 75 Resp: 431126
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0
 39 45.4 29.7 44.5#

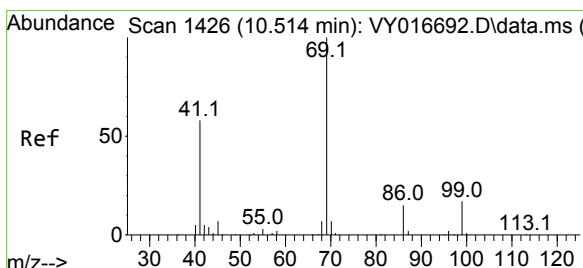
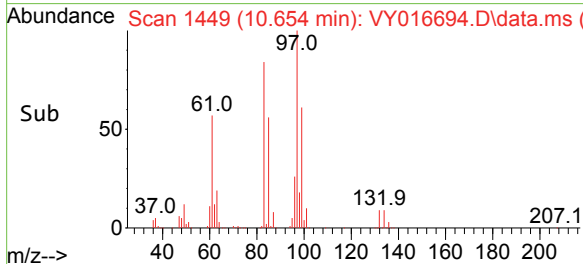
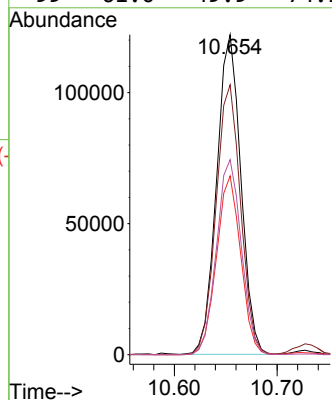
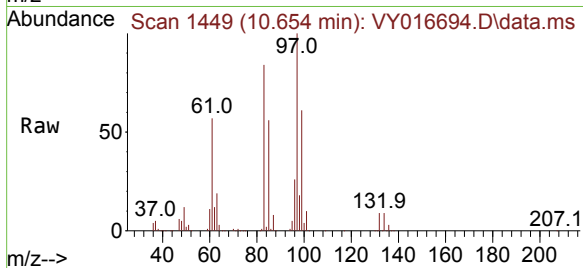




#55
1,1,2-Trichloroethane
Concen: 142.537 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

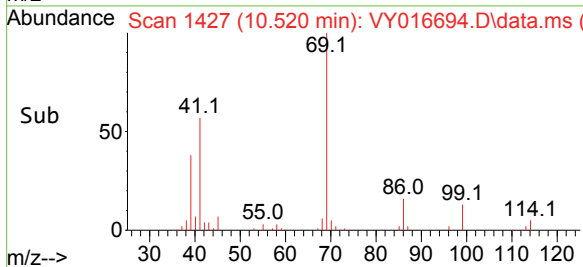
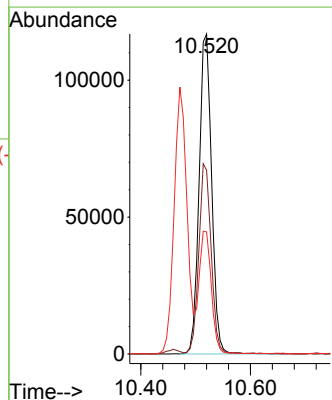
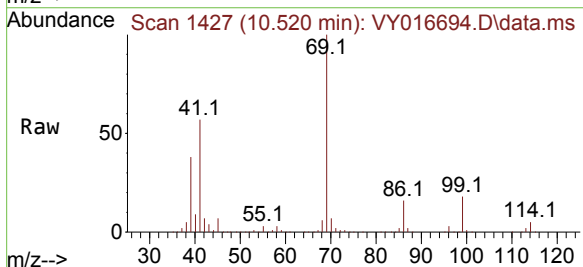
Instrument :
MSVOA_Y
ClientSampleId :

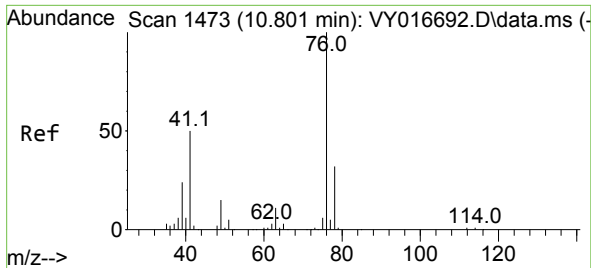
Tgt Ion:	97	Resp:	199558
Ion	Ratio	Lower	Upper
97	100		
83	84.4	65.8	98.6
85	55.9	43.4	65.2
99	61.0	49.9	74.9



#56
Ethyl methacrylate
Concen: 163.100 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

Tgt Ion:	69	Resp:	185818
Ion	Ratio	Lower	Upper
69	100		
41	58.3	44.6	67.0
39	37.9	21.5	32.3





#57

1,3-Dichloropropane

Concen: 145.018 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

Instrument :

MSVOA_Y

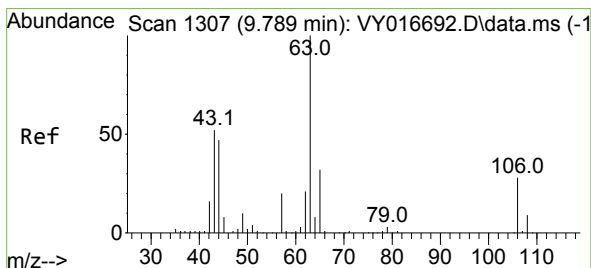
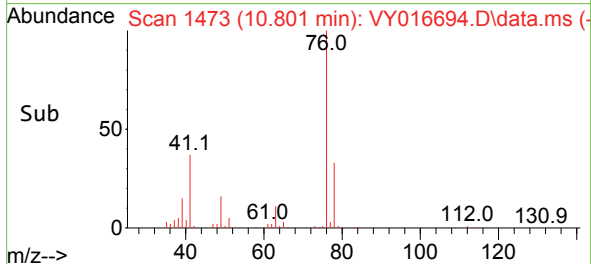
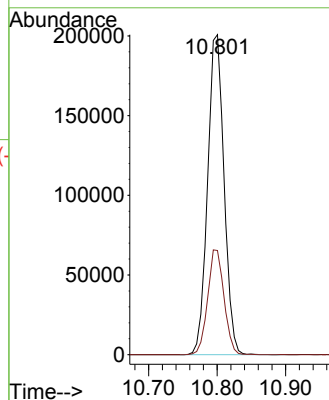
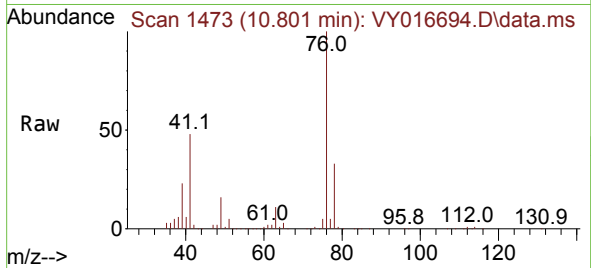
ClientSampleId :

Tgt Ion: 76 Resp: 335017

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 762.732 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VY016694.D

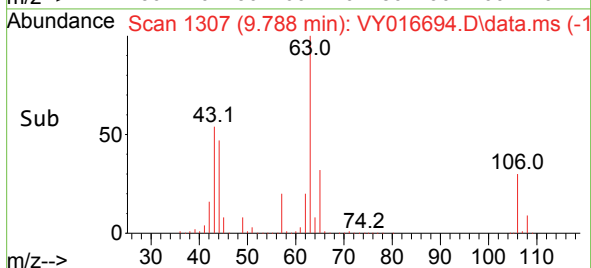
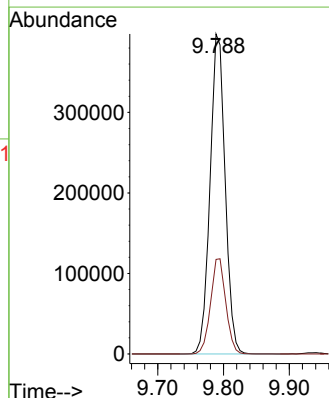
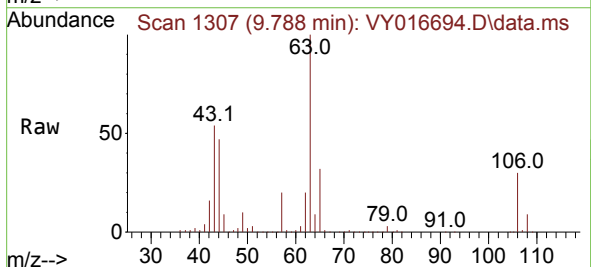
Acq: 19 Dec 2023 12:49

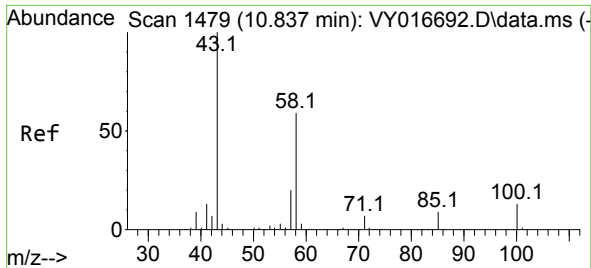
Tgt Ion: 63 Resp: 634117

Ion Ratio Lower Upper

63 100

106 30.0 25.4 38.2

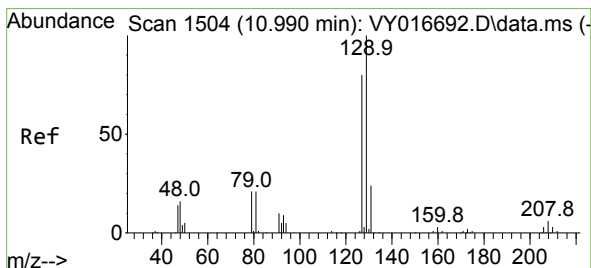
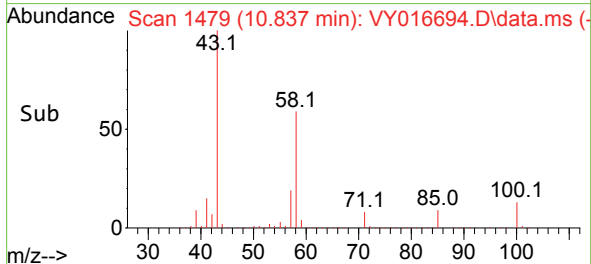
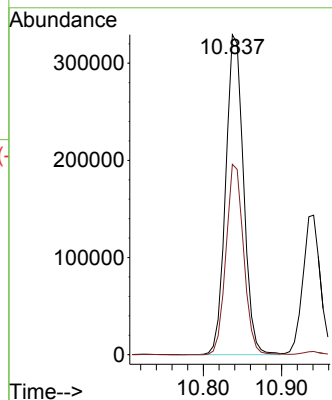
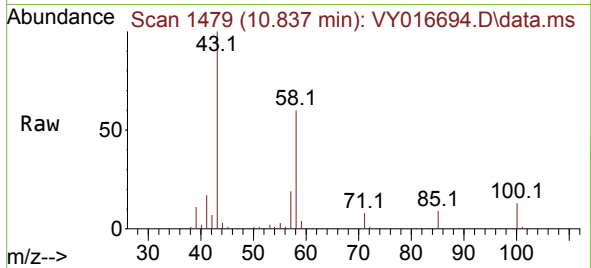




#59
2-Hexanone
Concen: 726.240 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

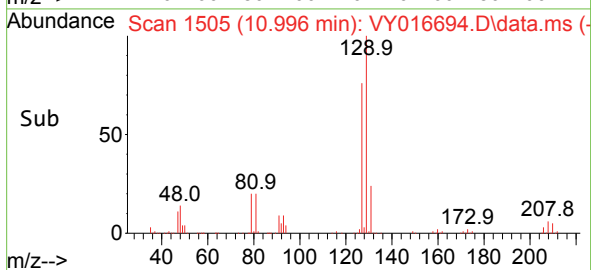
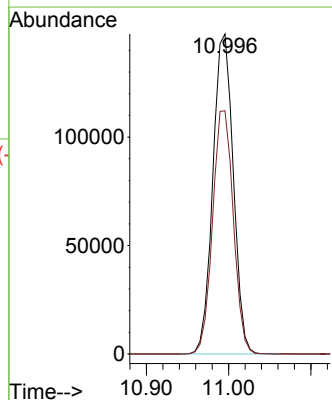
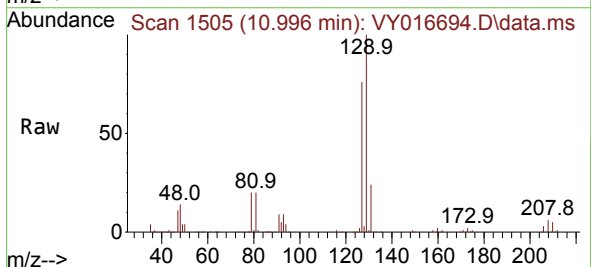
Instrument :
MSVOA_Y
ClientSampleId :

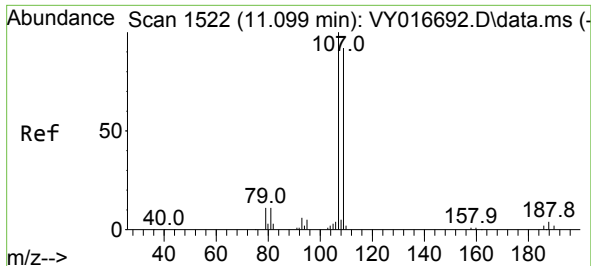
Tgt Ion: 43 Resp: 522120
Ion Ratio Lower Upper
43 100
58 58.8 30.8 92.4



#60
Dibromochloromethane
Concen: 149.539 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

Tgt Ion:129 Resp: 254198
Ion Ratio Lower Upper
129 100
127 77.2 38.0 113.9

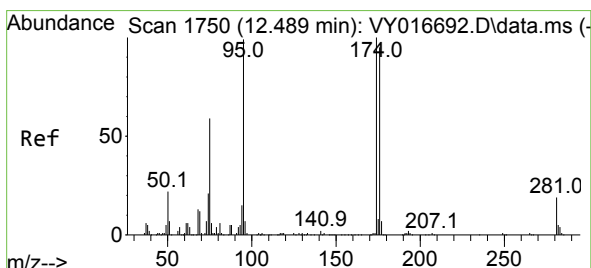
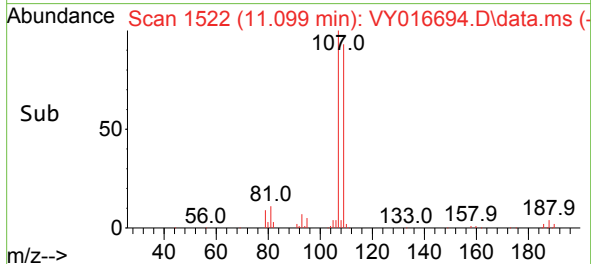
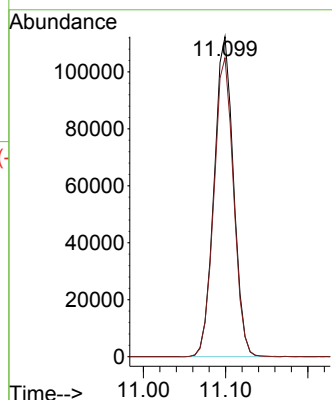
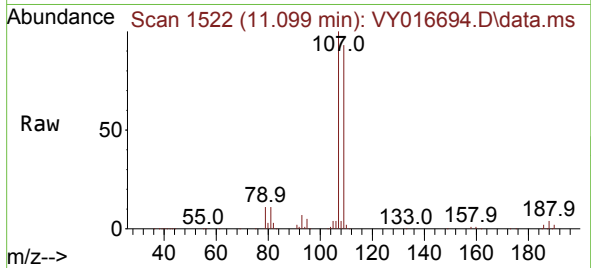




#61
1,2-Dibromoethane
Concen: 145.855 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

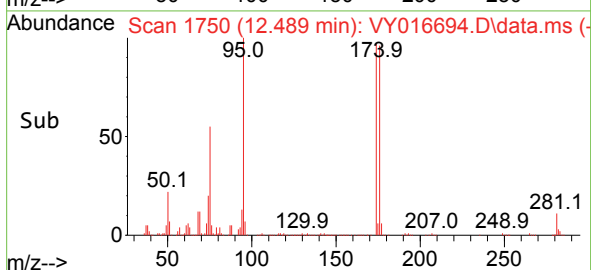
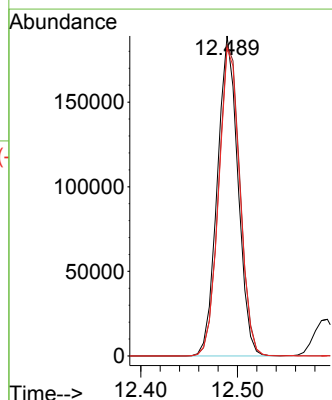
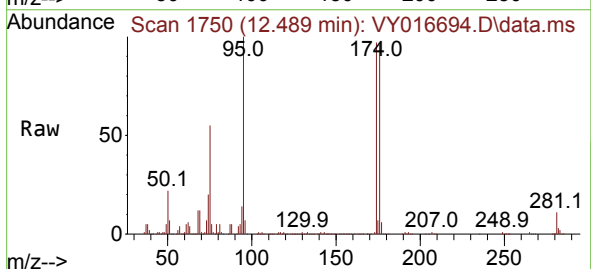
Instrument :
MSVOA_Y
ClientSampleId :

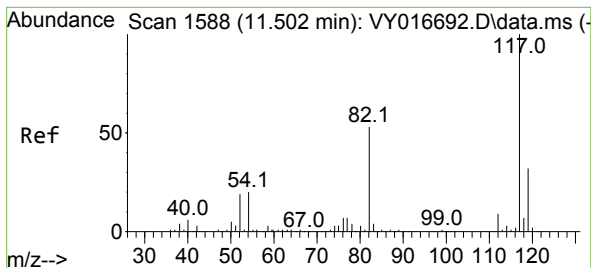
Tgt Ion:107 Resp: 183913
Ion Ratio Lower Upper
107 100
109 94.5 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 156.887 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

Tgt Ion: 95 Resp: 279126
Ion Ratio Lower Upper
95 100
174 100.3 0.0 181.0
176 98.4 0.0 176.6

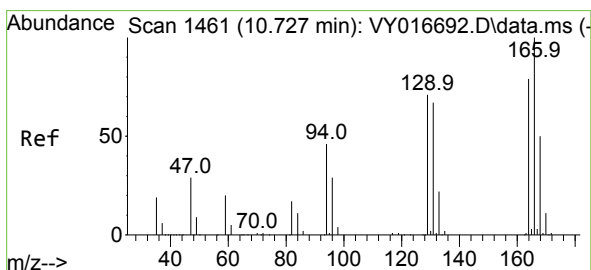
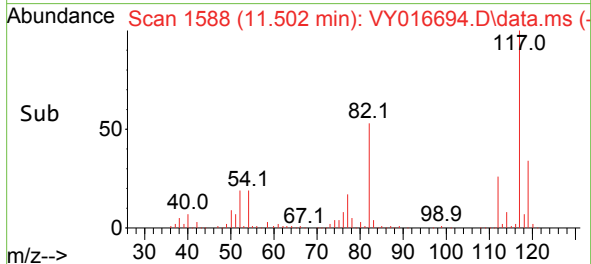
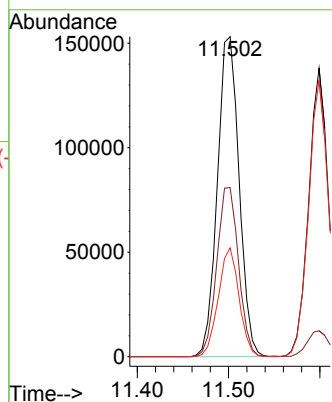
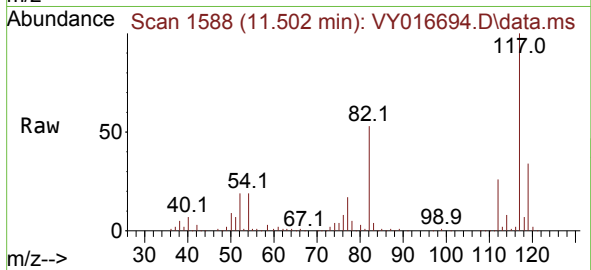




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

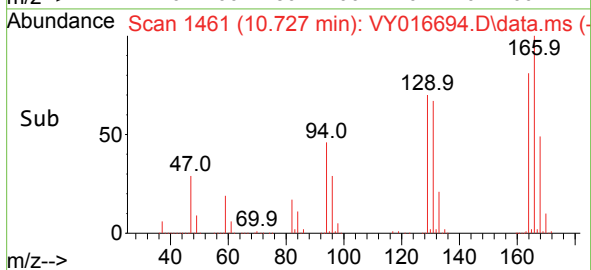
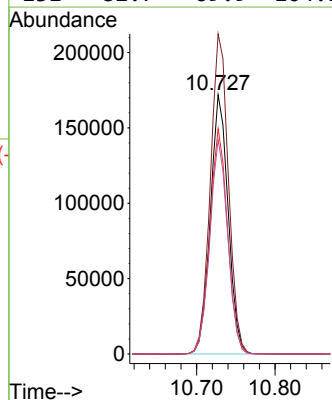
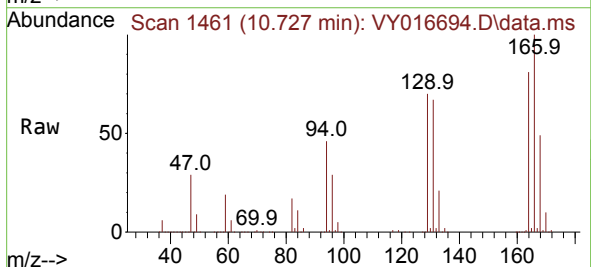
Instrument :
MSVOA_Y
ClientSampleId :

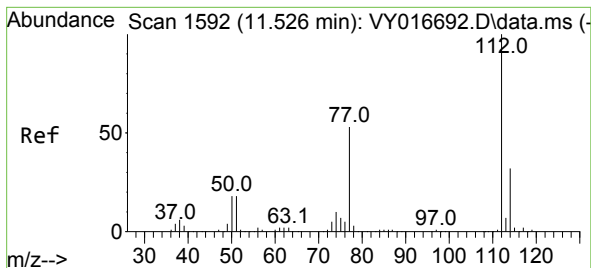
Tgt Ion:117 Resp: 253536
Ion Ratio Lower Upper
117 100
82 52.8 41.0 61.6
119 34.0 25.8 38.8



#64
Tetrachloroethene
Concen: 155.091 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

Tgt Ion:164 Resp: 271229
Ion Ratio Lower Upper
164 100
166 123.4 103.9 155.9
129 86.9 71.4 107.2
131 82.7 69.9 104.9

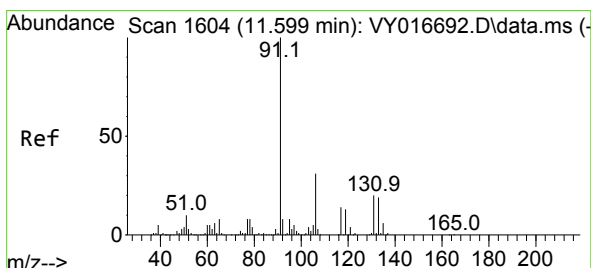
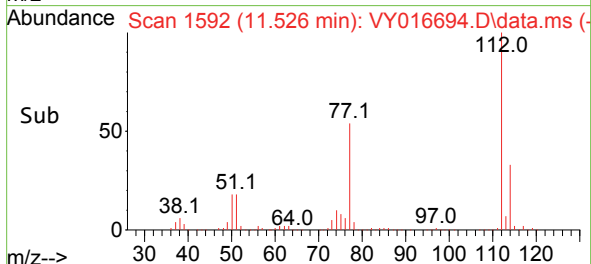
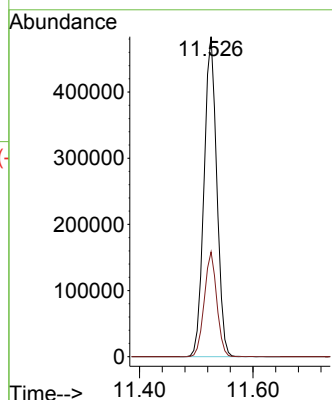
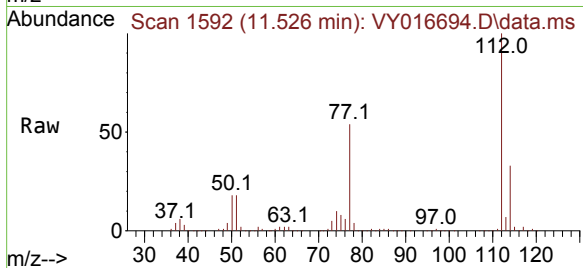




#65
Chlorobenzene
Concen: 150.504 ug/l
RT: 11.526 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

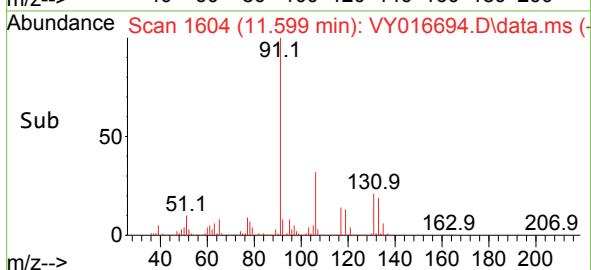
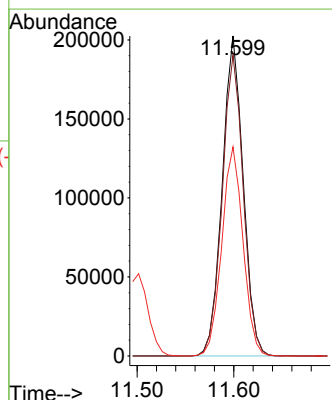
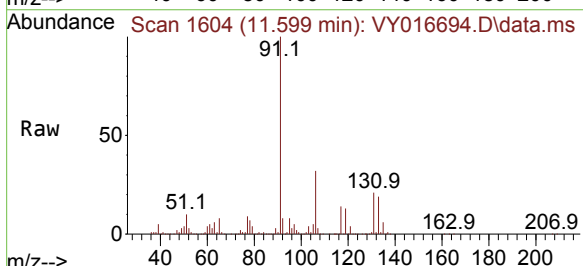
Instrument :
MSVOA_Y
ClientSampleId :

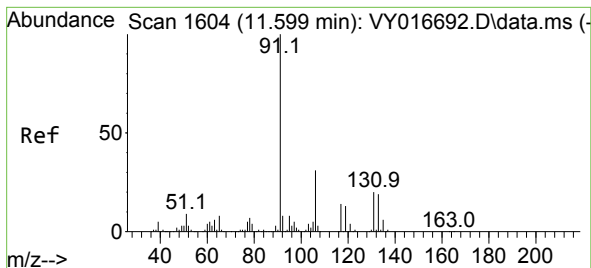
Tgt Ion:112 Resp: 755672
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 156.330 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

Tgt Ion:131 Resp: 304087
Ion Ratio Lower Upper
131 100
133 94.8 48.5 145.6
119 66.2 32.9 98.7





#67

Ethyl Benzene

Concen: 164.451 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

Instrument :

MSVOA_Y

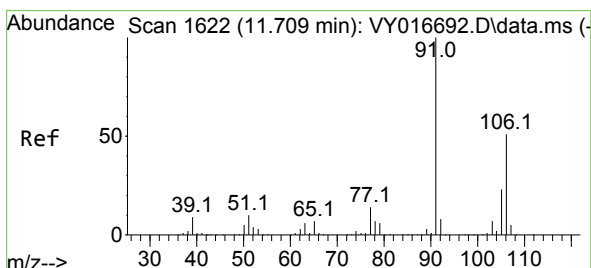
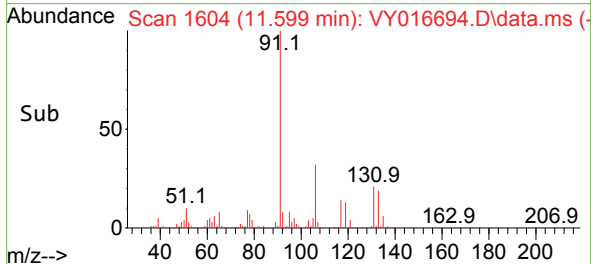
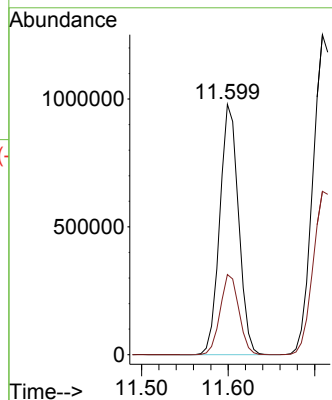
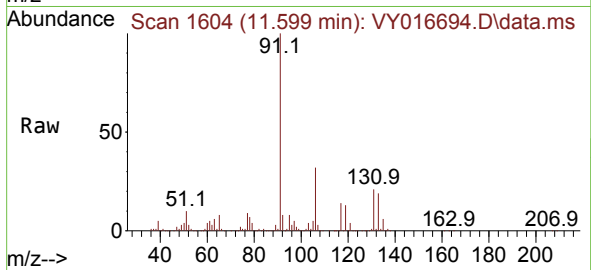
ClientSampleId :

Tgt Ion: 91 Resp: 1475099

Ion Ratio Lower Upper

91 100

106 32.0 24.7 37.1



#68

m/p-Xylenes

Concen: 335.022 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY016694.D

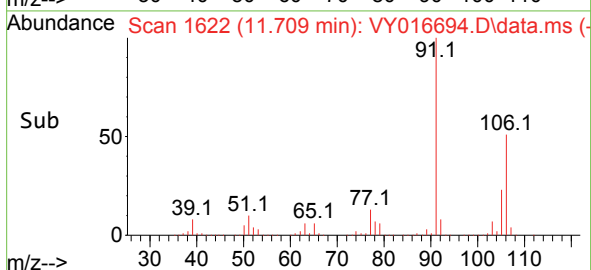
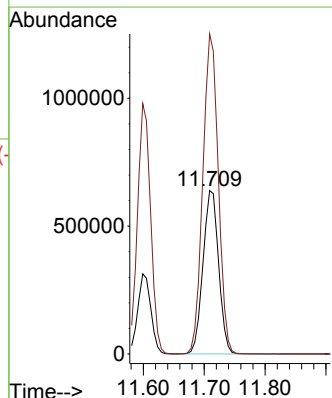
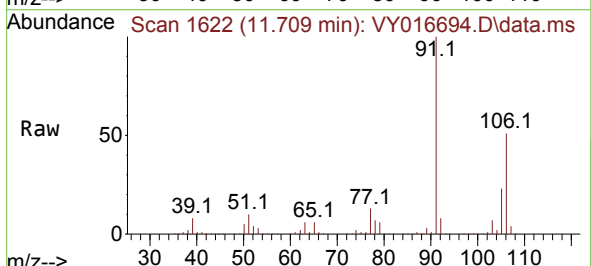
Acq: 19 Dec 2023 12:49

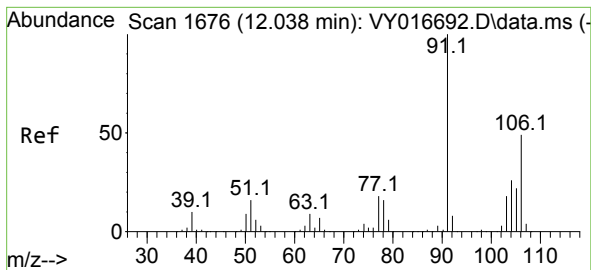
Tgt Ion:106 Resp: 1139111

Ion Ratio Lower Upper

106 100

91 193.7 156.2 234.2





#69

o-Xylene

Concen: 164.916 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

Instrument :

MSVOA_Y

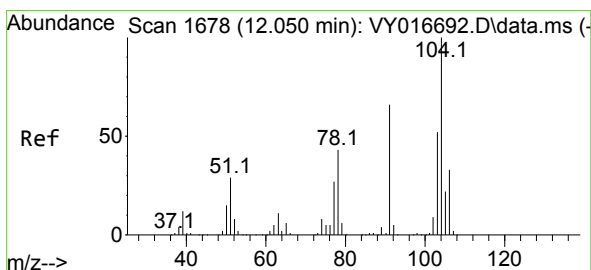
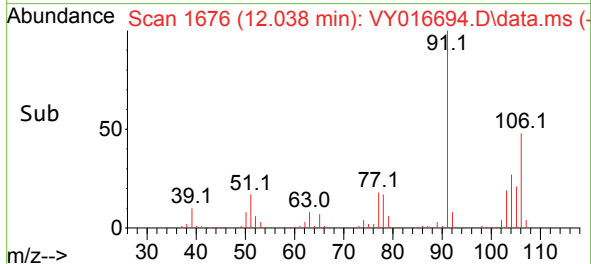
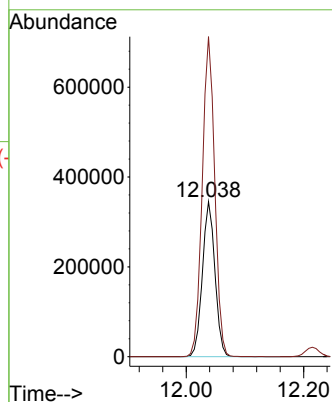
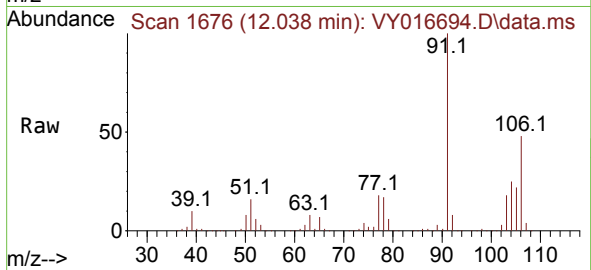
ClientSampleId :

Tgt Ion:106 Resp: 512243

Ion Ratio Lower Upper

106 100

91 205.8 102.8 308.4



#70

Styrene

Concen: 167.835 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

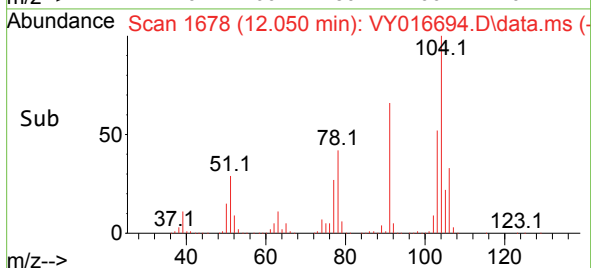
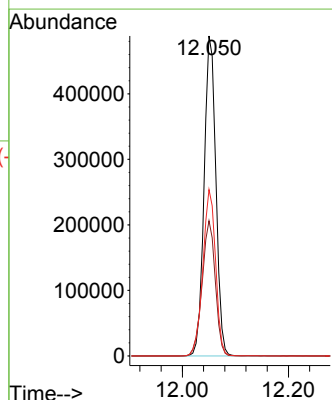
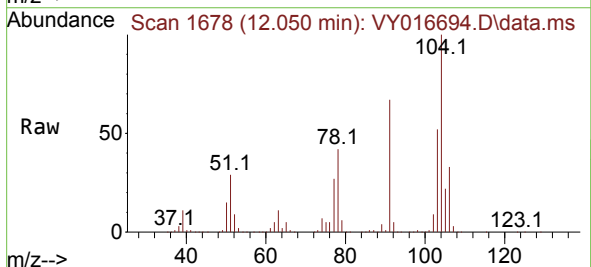
Tgt Ion:104 Resp: 752735

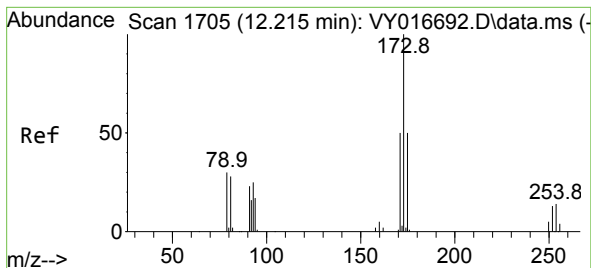
Ion Ratio Lower Upper

104 100

78 47.2 38.2 57.2

103 56.2 44.3 66.5





#71

Bromoform

Concen: 145.475 ug/l

RT: 12.215 min Scan# 11

Delta R.T. -0.000 min

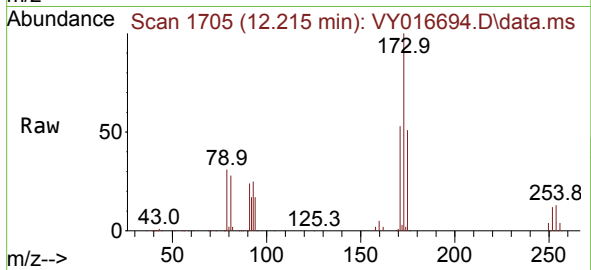
Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :



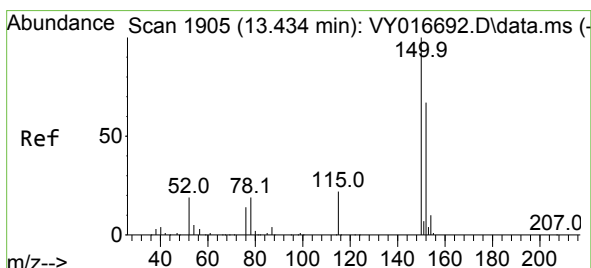
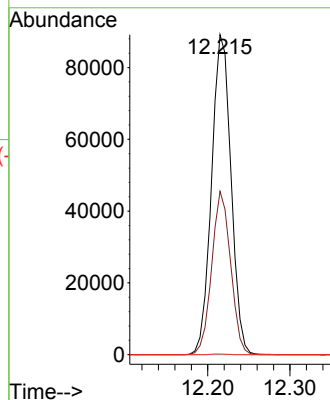
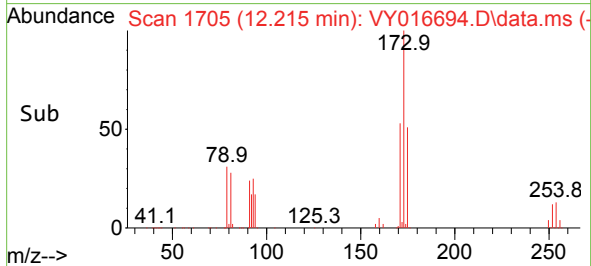
Tgt Ion:173 Resp: 146563

Ion Ratio Lower Upper

173 100

175 49.5 24.2 72.6

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

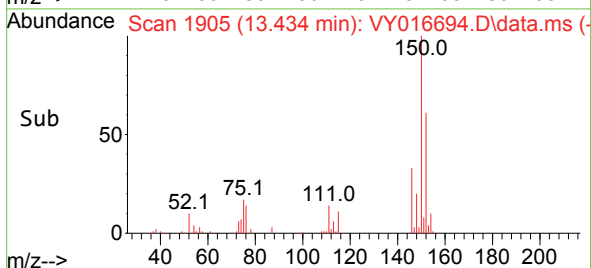
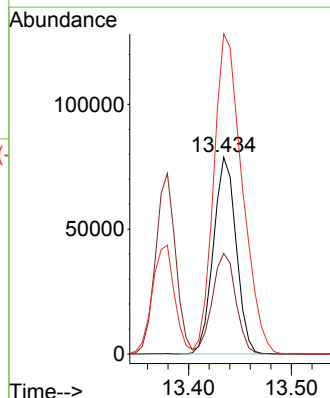
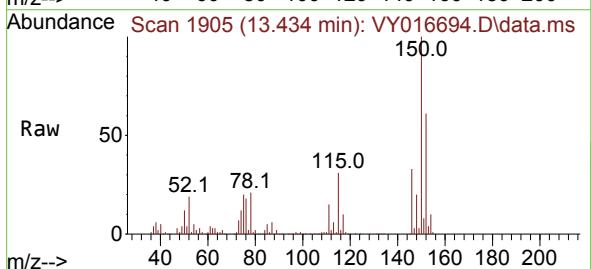
Tgt Ion:152 Resp: 120743

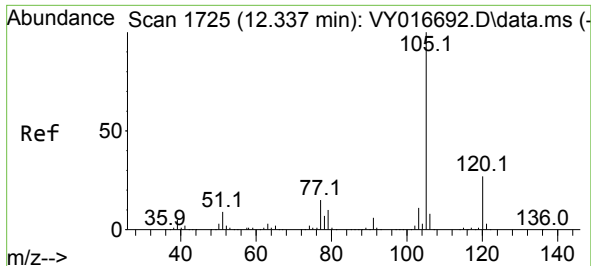
Ion Ratio Lower Upper

152 100

115 53.2 28.2 84.7

150 204.6 0.0 350.6

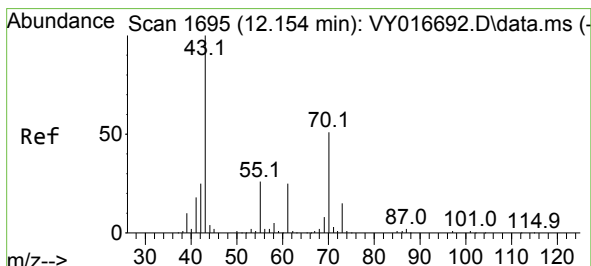
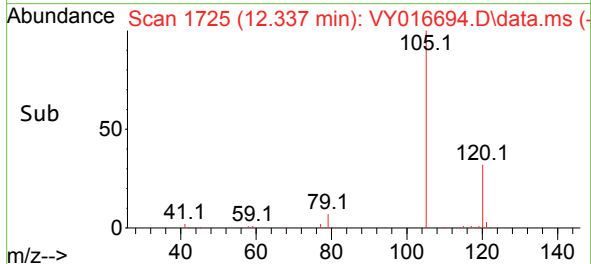
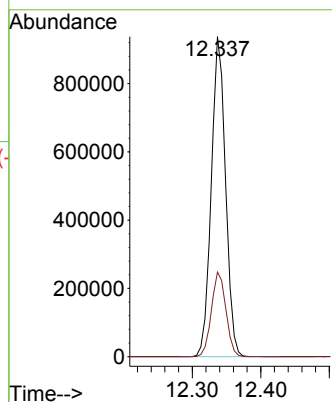
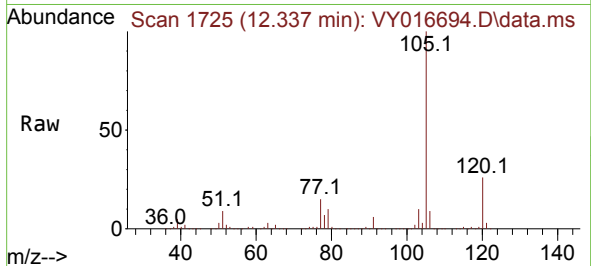




#73
Isopropylbenzene
Concen: 161.886 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

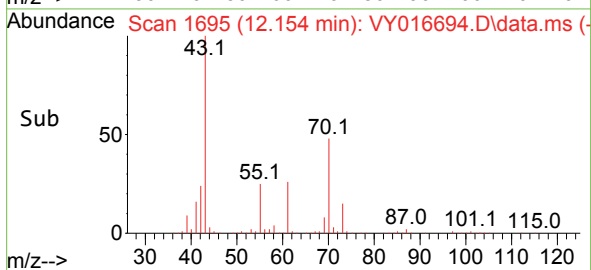
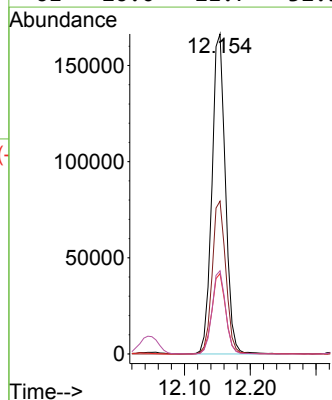
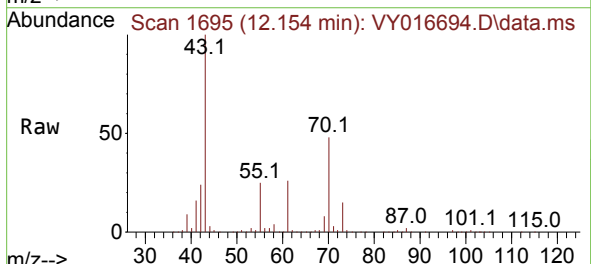
Instrument :
MSVOA_Y
ClientSampleId :

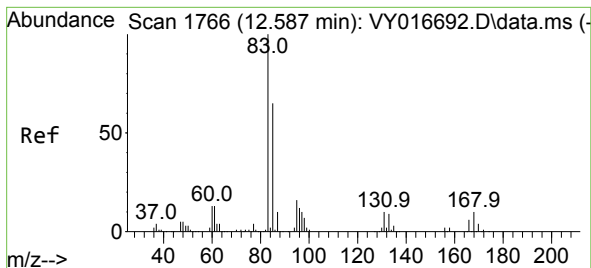
Tgt Ion:105 Resp: 1351508
Ion Ratio Lower Upper
105 100
120 26.9 13.6 40.8



#74
N-ethyl acetate
Concen: 157.276 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

Tgt Ion: 43 Resp: 237587
Ion Ratio Lower Upper
43 100
70 48.4 41.2 61.8
55 25.8 22.2 33.2
61 26.0 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 141.245 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

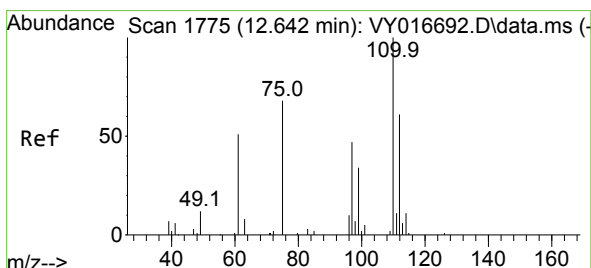
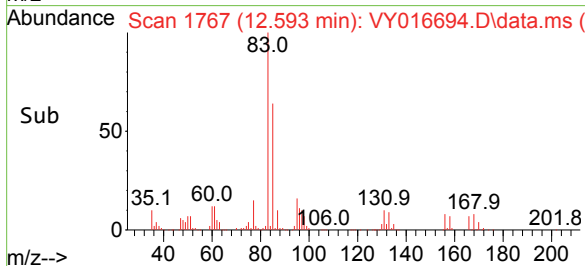
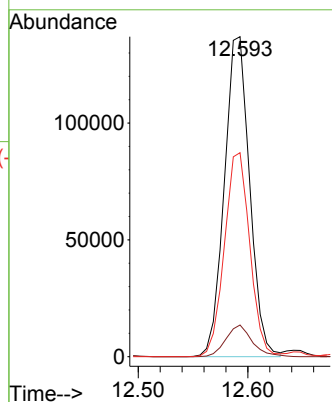
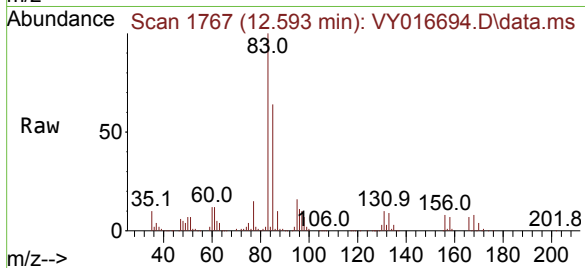
Tgt Ion: 83 Resp: 219412

Ion Ratio Lower Upper

83 100

131 10.3 5.5 16.4

85 64.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 261.610 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016694.D

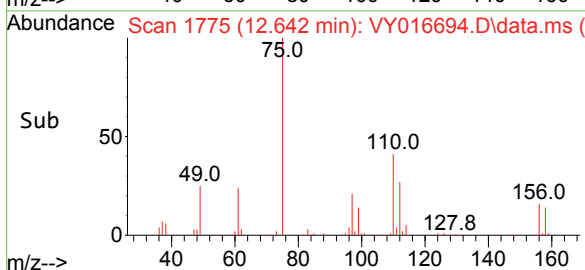
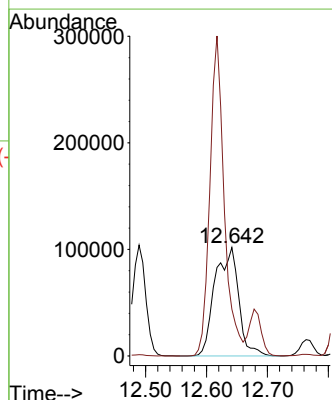
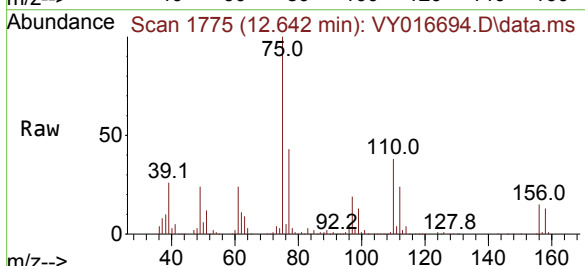
Acq: 19 Dec 2023 12:49

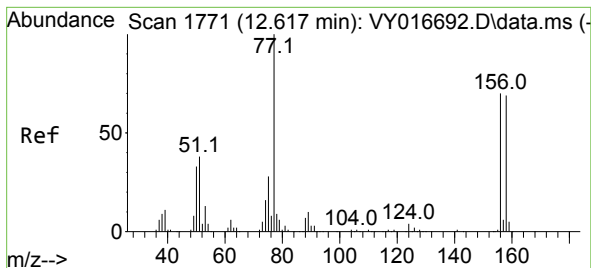
Tgt Ion: 75 Resp: 274577

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 153.800 ug/l

RT: 12.617 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

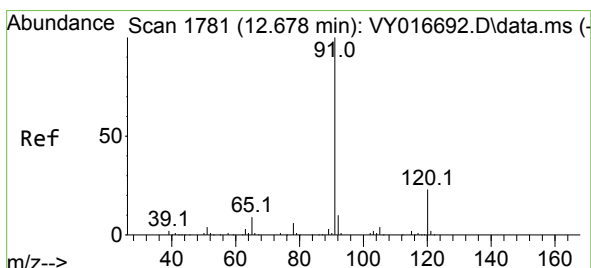
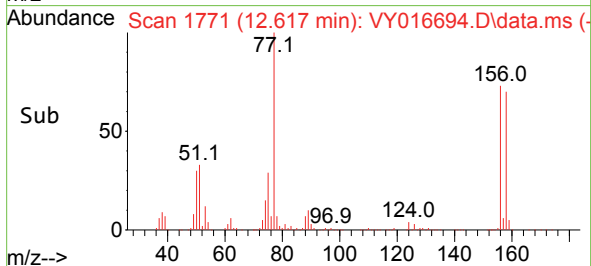
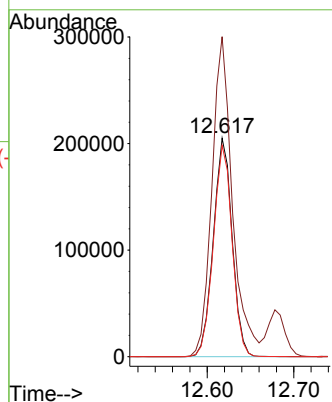
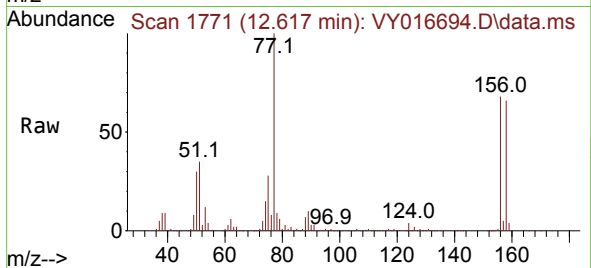
Tgt Ion:156 Resp: 309594

Ion Ratio Lower Upper

156 100

77 159.3 83.5 250.7

158 96.4 49.0 147.0



#78

n-propylbenzene

Concen: 159.394 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016694.D

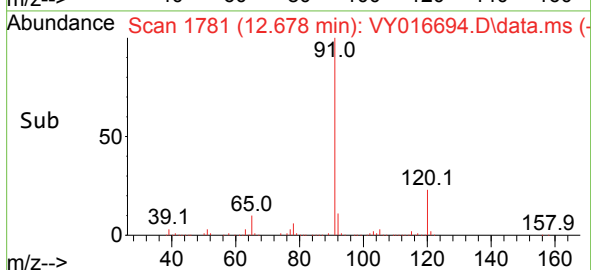
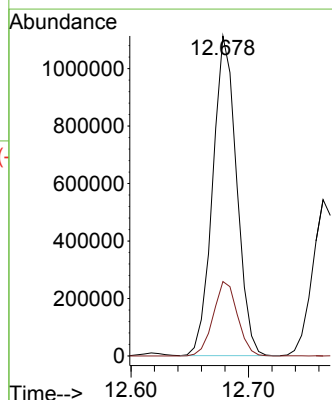
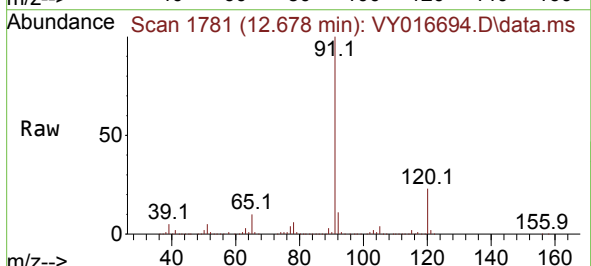
Acq: 19 Dec 2023 12:49

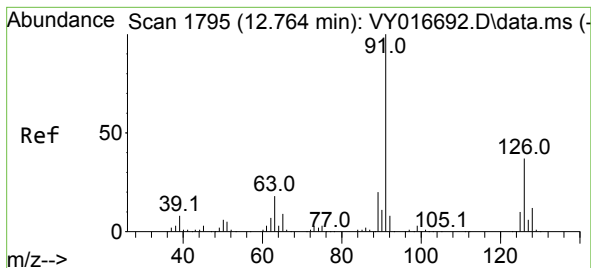
Tgt Ion: 91 Resp: 1577599

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.7

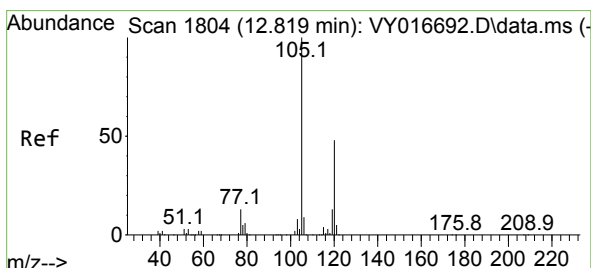
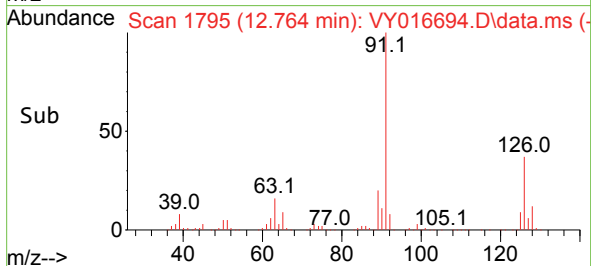
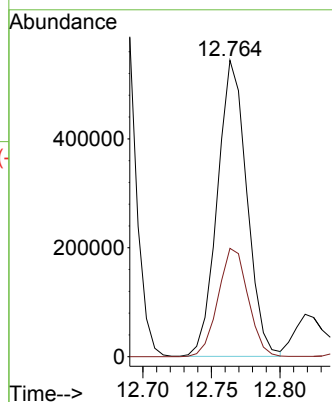
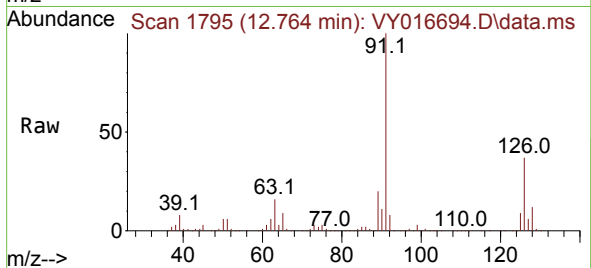




#79
2-Chlorotoluene
Concen: 153.502 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

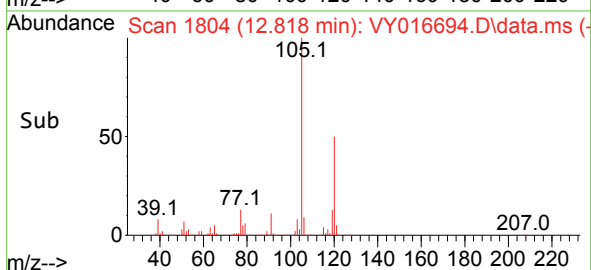
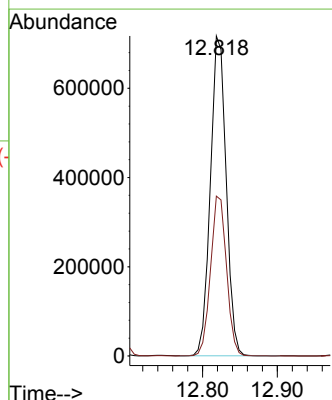
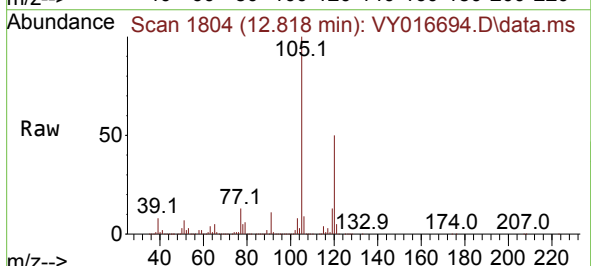
Instrument :
MSVOA_Y
ClientSampleId :

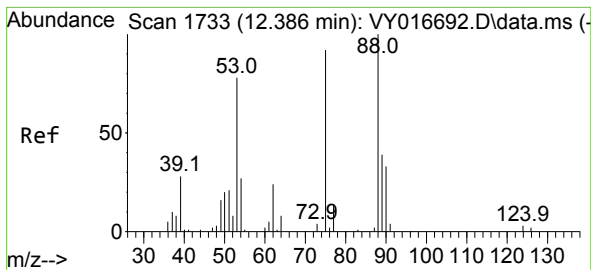
Tgt Ion: 91 Resp: 813806
Ion Ratio Lower Upper
91 100
126 37.2 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 160.714 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

Tgt Ion:105 Resp: 1051400
Ion Ratio Lower Upper
105 100
120 50.5 25.2 75.6

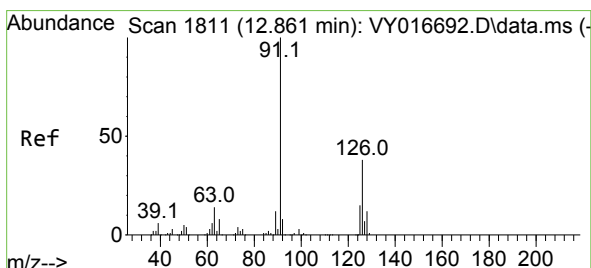
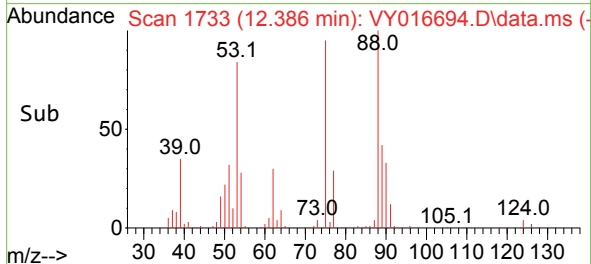
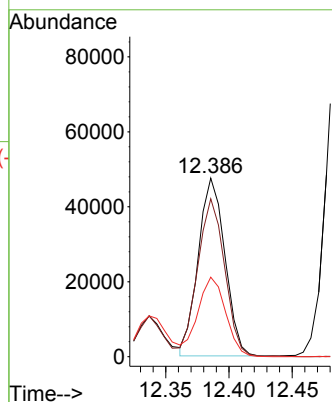
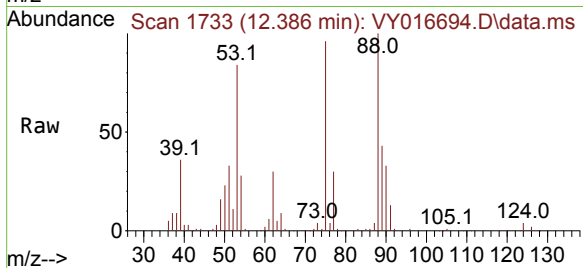




#81
trans-1,4-Dichloro-2-butene
Concen: 152.286 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

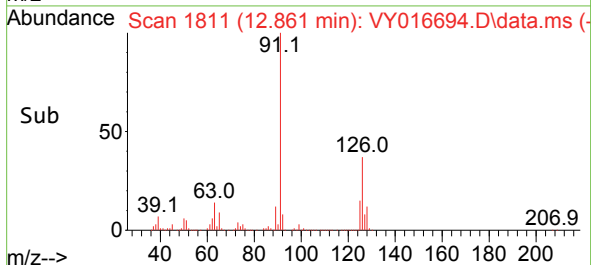
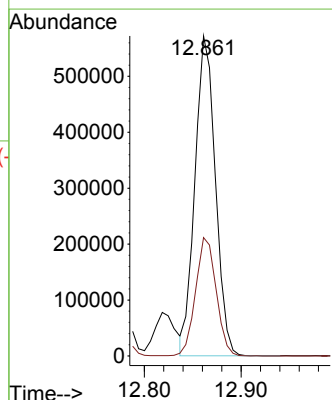
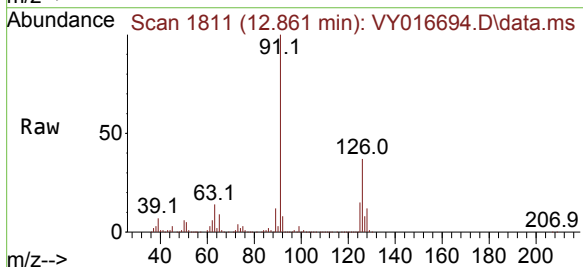
Instrument :
MSVOA_Y
ClientSampleId :

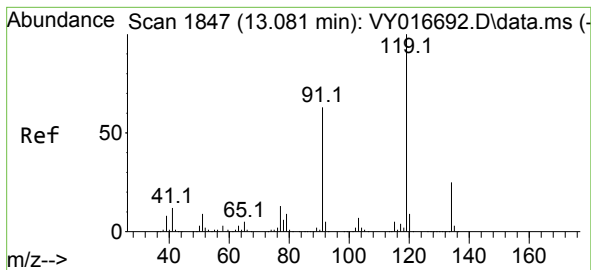
Tgt Ion: 75 Resp: 69663
Ion Ratio Lower Upper
75 100
53 91.4 62.9 94.3
89 46.8 35.8 53.8



#82
4-Chlorotoluene
Concen: 153.417 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

Tgt Ion: 91 Resp: 841054
Ion Ratio Lower Upper
91 100
126 37.5 18.0 54.0





#83

tert-Butylbenzene

Concen: 157.613 ug/l

RT: 13.081 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

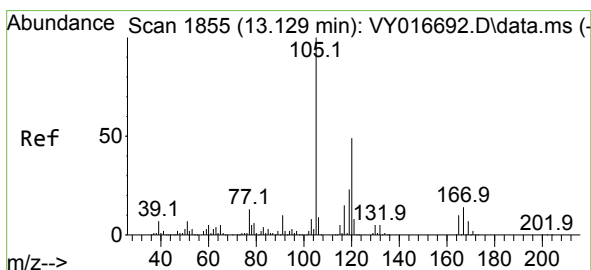
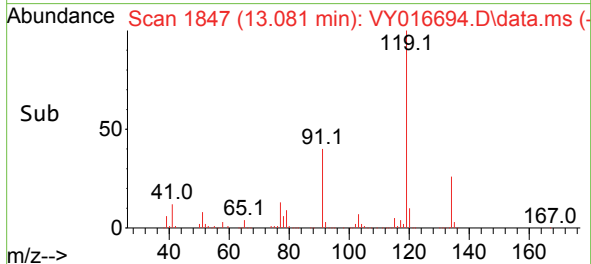
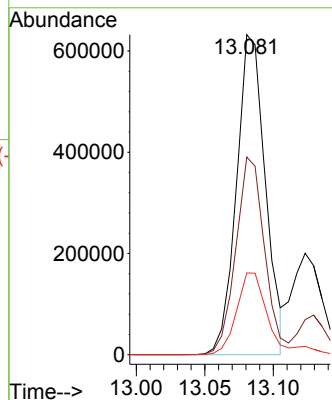
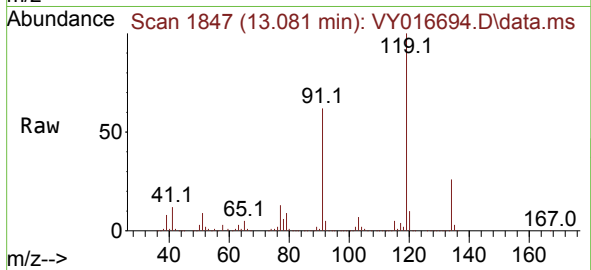
Tgt Ion:119 Resp: 927825

Ion Ratio Lower Upper

119 100

91 61.6 30.8 92.3

134 28.3 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 165.575 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016694.D

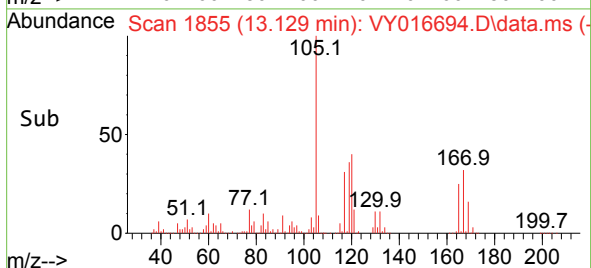
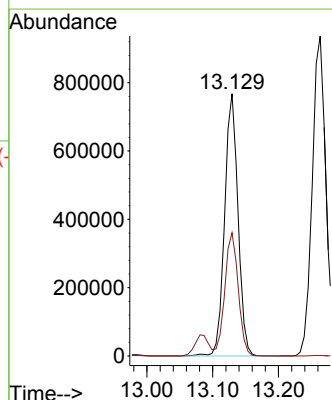
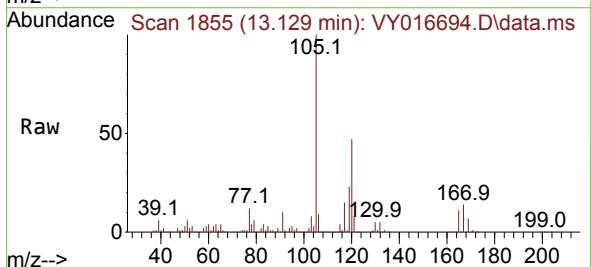
Acq: 19 Dec 2023 12:49

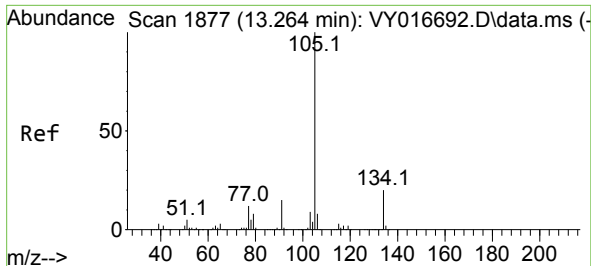
Tgt Ion:105 Resp: 1085772

Ion Ratio Lower Upper

105 100

120 47.3 23.2 69.5

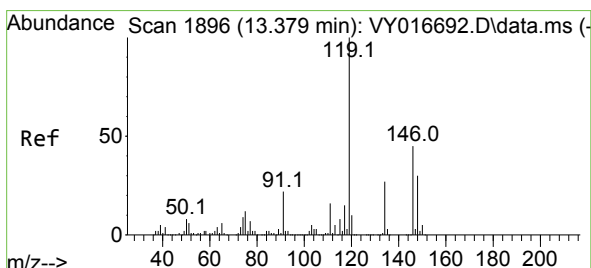
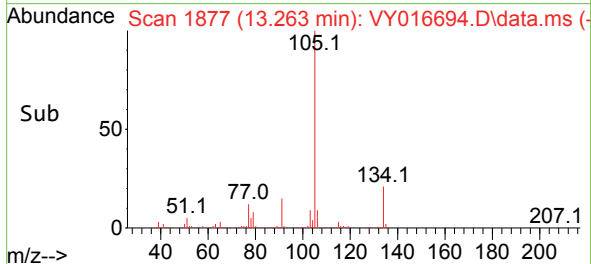
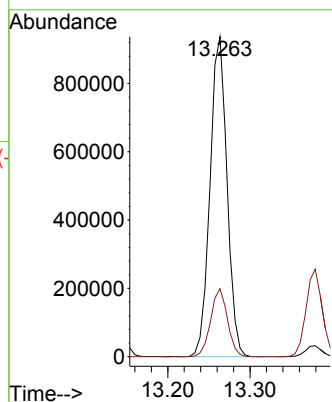
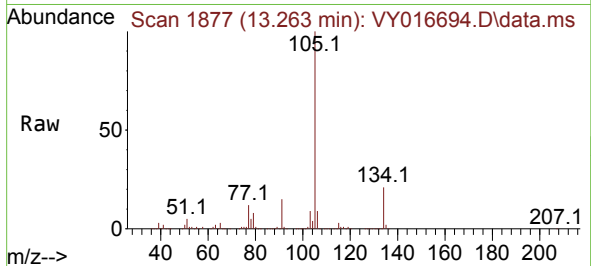




#85
 sec-Butylbenzene
 Concen: 158.459 ug/l
 RT: 13.263 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY016694.D
 Acq: 19 Dec 2023 12:49

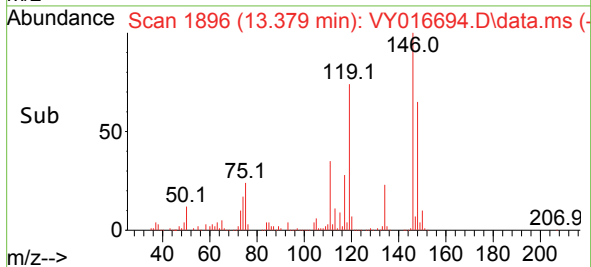
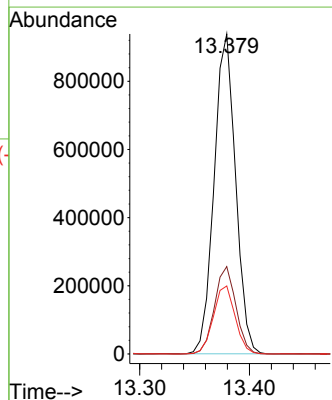
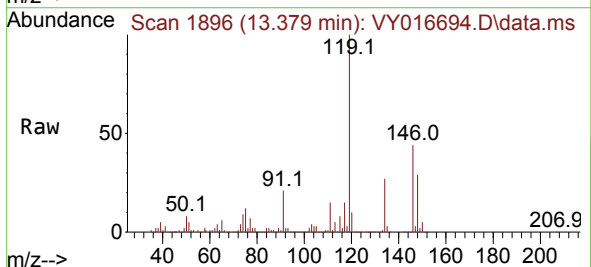
Instrument :
 MSVOA_Y
 ClientSampleId :

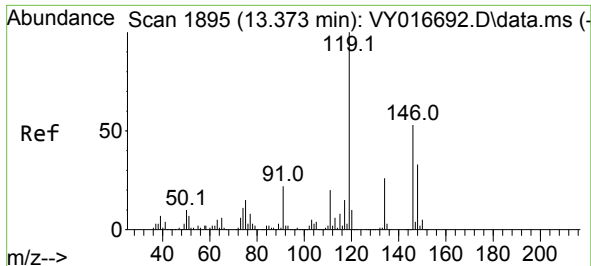
Tgt Ion:105 Resp: 1345212
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 172.030 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. -0.000 min
 Lab File: VY016694.D
 Acq: 19 Dec 2023 12:49

Tgt Ion:119 Resp: 1276803
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.1
 91 21.6 11.2 33.5

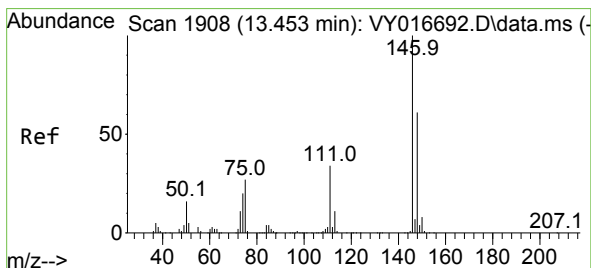
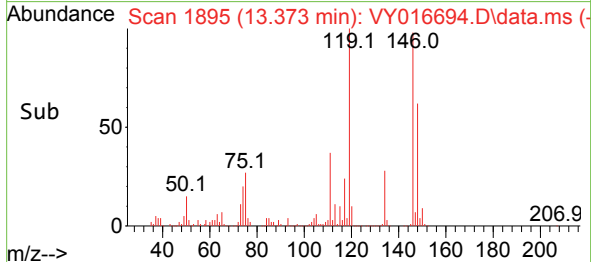
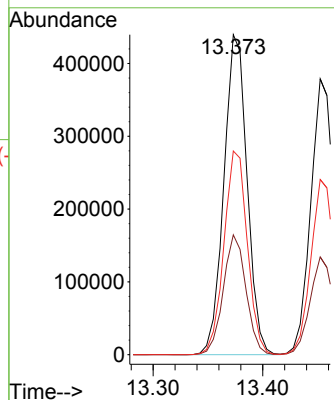
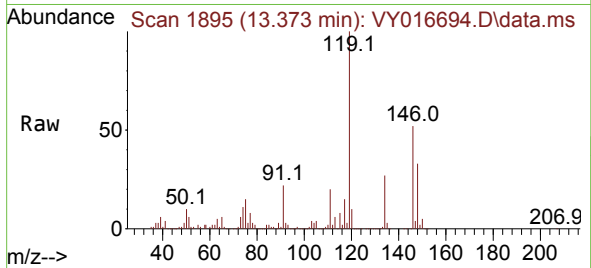




#87
 1,3-Dichlorobenzene
 Concen: 162.322 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY016694.D
 Acq: 19 Dec 2023 12:49

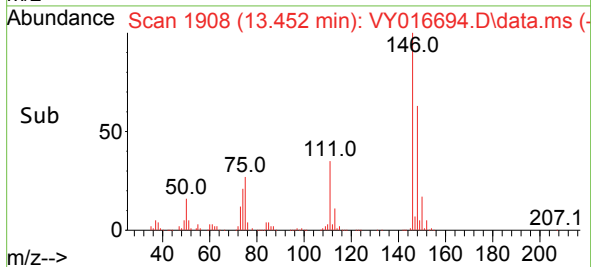
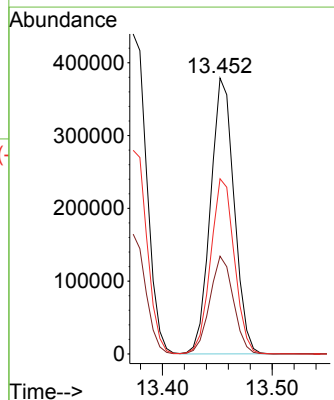
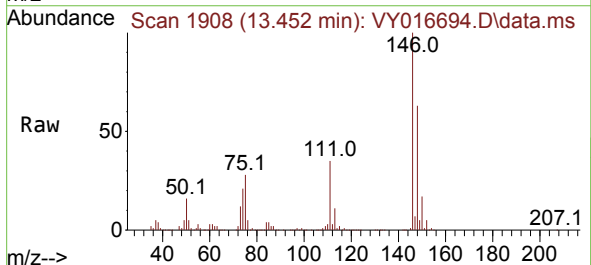
Instrument :
 MSVOA_Y
 ClientSampleId :

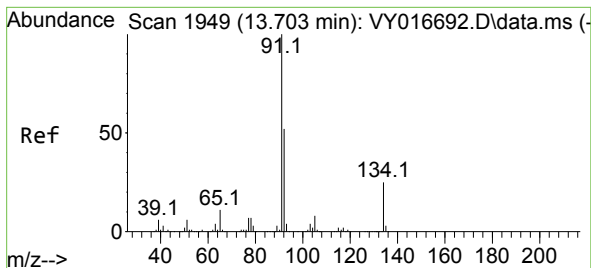
Tgt Ion:146 Resp: 646590
 Ion Ratio Lower Upper
 146 100
 111 36.6 19.1 57.1
 148 64.2 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 148.715 ug/l
 RT: 13.452 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY016694.D
 Acq: 19 Dec 2023 12:49

Tgt Ion:146 Resp: 567520
 Ion Ratio Lower Upper
 146 100
 111 35.3 18.4 55.4
 148 63.9 32.0 96.2





#89

n-Butylbenzene

Concen: 161.261 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

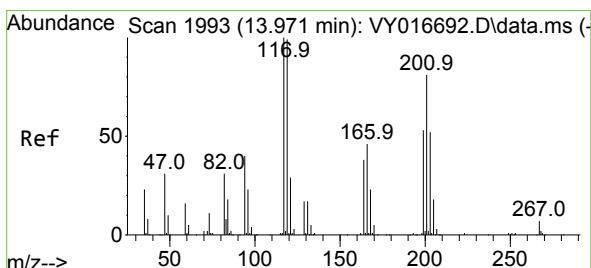
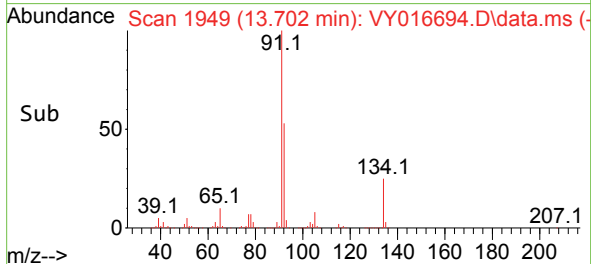
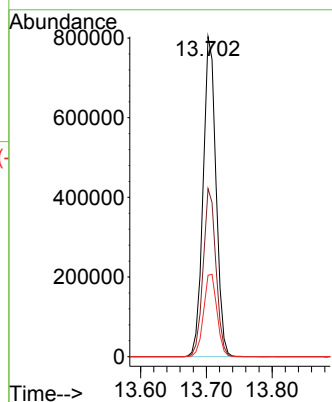
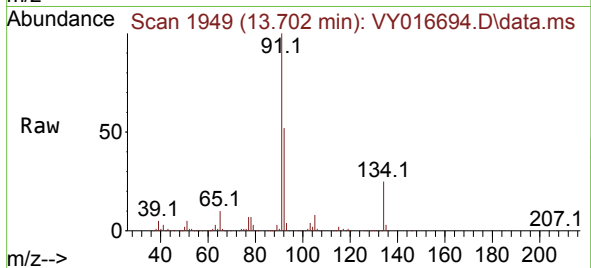
Tgt Ion: 91 Resp: 1094108

Ion Ratio Lower Upper

91 100

92 52.1 26.5 79.5

134 26.8 13.7 41.1



#90

Hexachloroethane

Concen: 151.388 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016694.D

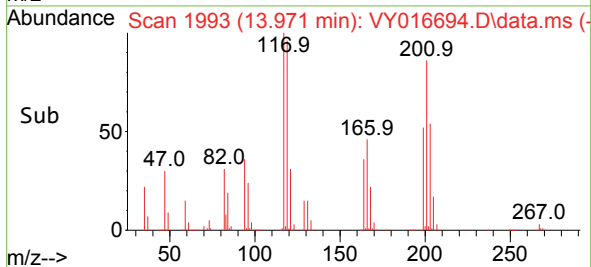
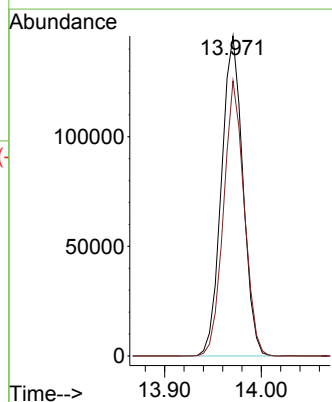
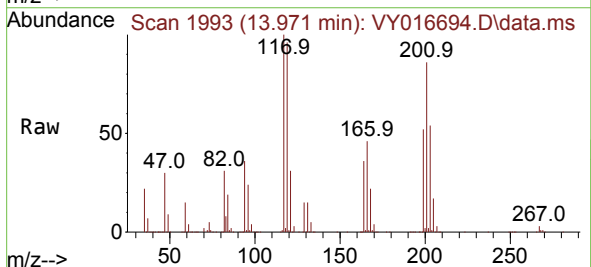
Acq: 19 Dec 2023 12:49

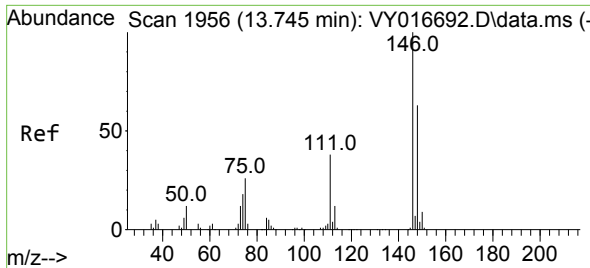
Tgt Ion: 117 Resp: 223926

Ion Ratio Lower Upper

117 100

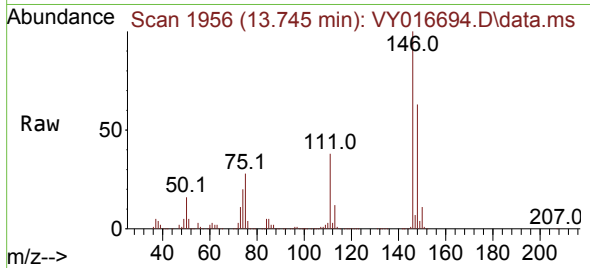
201 82.8 41.5 124.5



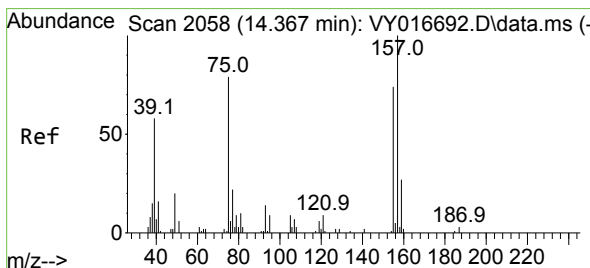
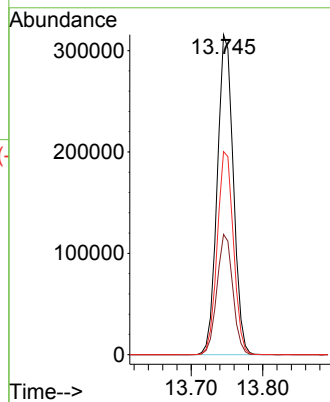
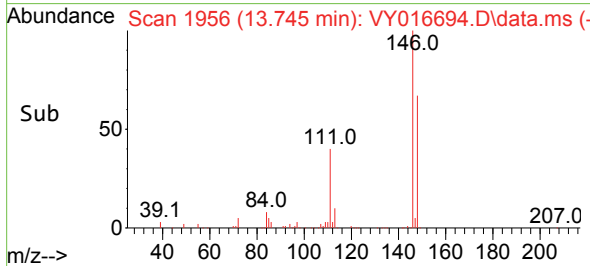


#91
1,2-Dichlorobenzene
Concen: 150.515 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49

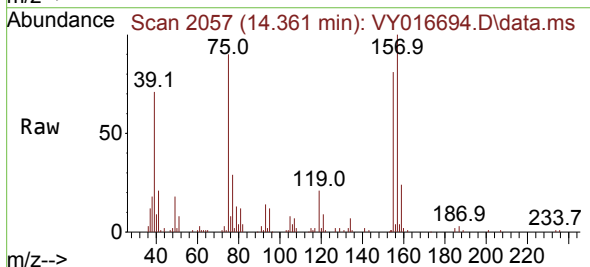
Instrument :
MSVOA_Y
ClientSampleId :



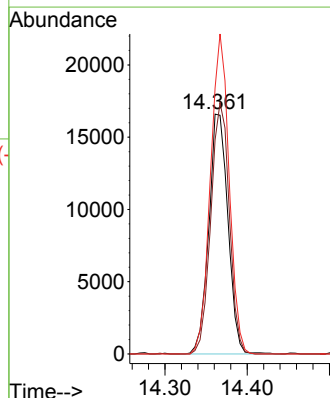
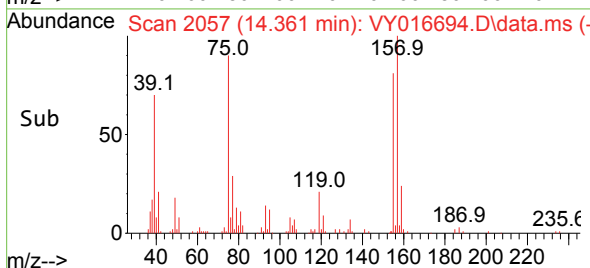
Tgt Ion:146 Resp: 492568
Ion Ratio Lower Upper
146 100
111 37.2 19.5 58.5
148 64.1 31.8 95.3

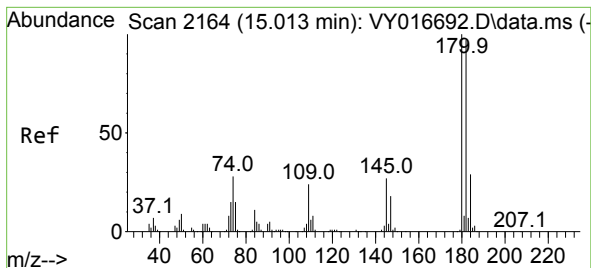


#92
1,2-Dibromo-3-Chloropropane
Concen: 132.033 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016694.D
Acq: 19 Dec 2023 12:49



Tgt Ion: 75 Resp: 26892
Ion Ratio Lower Upper
75 100
155 100.9 49.4 148.2
157 129.3 64.4 193.2





#93

1,2,4-Trichlorobenzene

Concen: 153.776 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

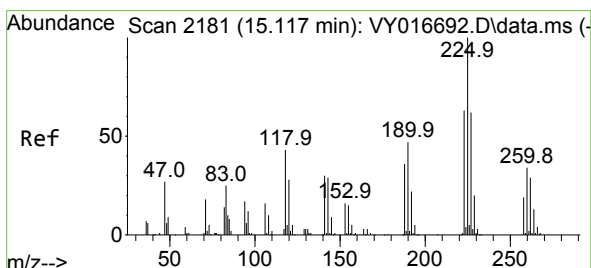
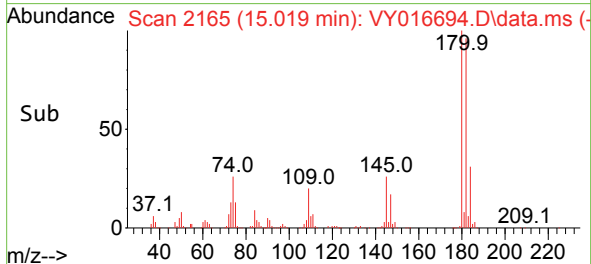
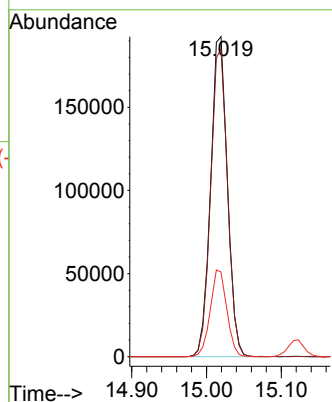
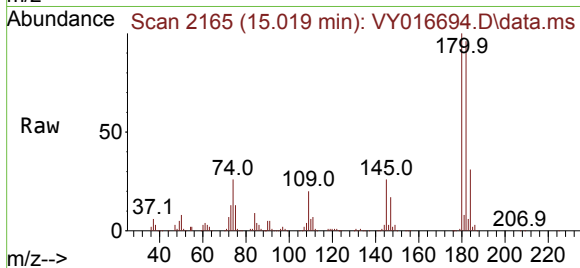
Tgt Ion:180 Resp: 300813

Ion Ratio Lower Upper

180 100

182 96.5 47.6 142.9

145 26.8 14.8 44.4



#94

Hexachlorobutadiene

Concen: 148.441 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

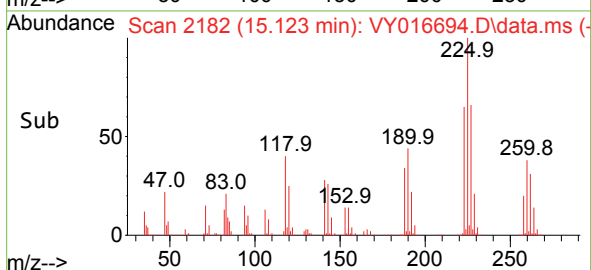
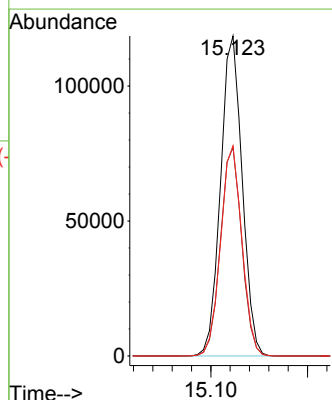
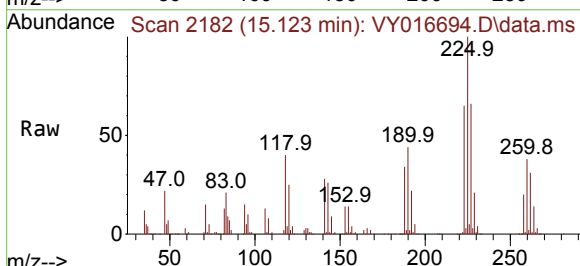
Tgt Ion:225 Resp: 183528

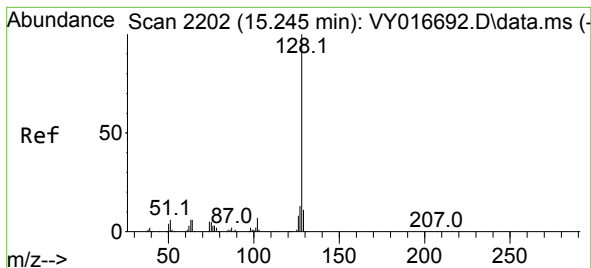
Ion Ratio Lower Upper

225 100

223 64.0 31.4 94.2

227 64.7 31.9 95.9





#95

Naphthalene

Concen: 159.437 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

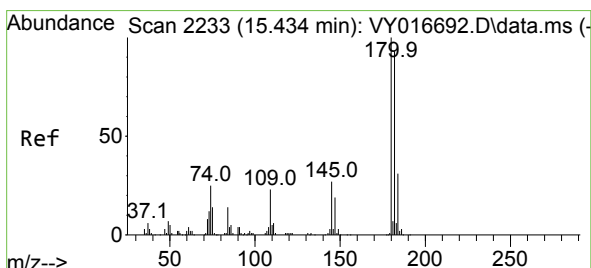
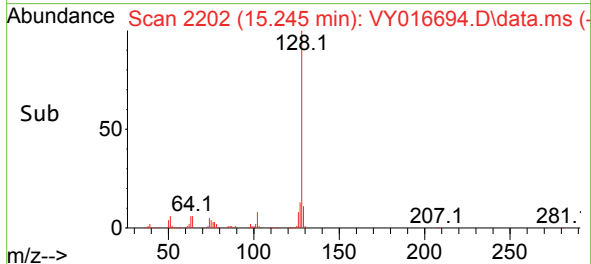
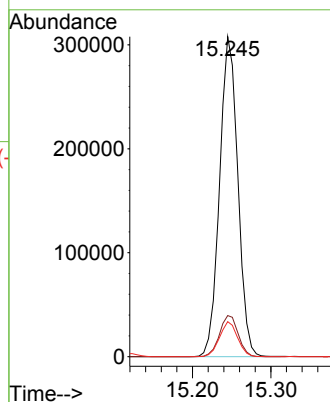
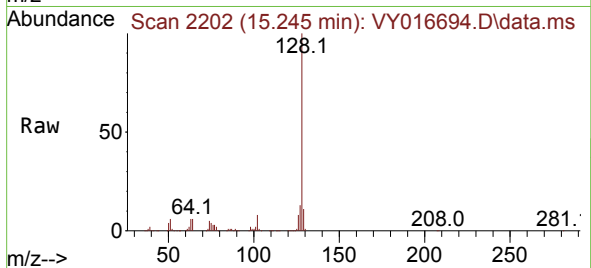
Tgt Ion:128 Resp: 499254

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 152.583 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016694.D

Acq: 19 Dec 2023 12:49

Tgt Ion:180 Resp: 252455

Ion Ratio Lower Upper

180 100

182 93.3 47.3 141.8

145 28.1 15.5 46.5

