

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016037.D
 Acq On : 19 Oct 2023 14:48
 Operator : SY/MD
 Sample : VY1019SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 20 05:36:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	196306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	313567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	288717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146542	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	101689	45.577	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.160%
35) Dibromofluoromethane	7.722	113	95381	46.213	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.420%
50) Toluene-d8	10.178	98	366504	48.894	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.780%
62) 4-Bromofluorobenzene	12.483	95	130740	48.881	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.905	85	29460	18.158	ug/l	99
3) Chloromethane	2.107	50	41587	20.300	ug/l	97
4) Vinyl Chloride	2.247	62	42853	18.638	ug/l	98
5) Bromomethane	2.649	94	29030	17.309	ug/l	98
6) Chloroethane	2.789	64	27089	18.323	ug/l	100
7) Trichlorofluoromethane	3.119	101	72577	20.742	ug/l	99
8) Diethyl Ether	3.521	74	24728	20.004	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	40468	20.106	ug/l	96
10) Methyl Iodide	4.088	142	46963	17.869	ug/l	96
11) Tert butyl alcohol	4.923	59	72051	209.198	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	37933	20.142	ug/l	90
13) Acrolein	3.734	56	34085	137.997	ug/l	89
14) Allyl chloride	4.478	41	60004	20.376	ug/l	94
15) Acrylonitrile	5.167	53	91012	123.410	ug/l	100
16) Acetone	3.966	43	91465	110.591	ug/l	95
17) Carbon Disulfide	4.186	76	108606	19.685	ug/l	97
18) Methyl Acetate	4.484	43	65277	22.931	ug/l #	89
19) Methyl tert-butyl Ether	5.228	73	117265	19.301	ug/l	99
20) Methylene Chloride	4.716	84	60707	24.708	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	44189	20.149	ug/l	97
22) Diisopropyl ether	6.118	45	128047	19.969	ug/l	92
23) Vinyl Acetate	6.063	43	380438	95.647	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	76887	20.212	ug/l	95
25) 2-Butanone	6.996	43	140165	123.728	ug/l	94
26) 2,2-Dichloropropane	6.984	77	63558	18.570	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	49706	19.680	ug/l	91
28) Bromochloromethane	7.337	49	31799	19.546	ug/l	95
29) Tetrahydrofuran	7.356	42	93214	135.937	ug/l	92
30) Chloroform	7.508	83	81403	19.958	ug/l	95
31) Cyclohexane	7.782	56	69132	19.796	ug/l	86
32) 1,1,1-Trichloroethane	7.703	97	73417	20.118	ug/l	98
36) 1,1-Dichloropropene	7.917	75	61772	19.893	ug/l	98
37) Ethyl Acetate	7.081	43	54894	24.525	ug/l	98
38) Carbon Tetrachloride	7.898	117	66227	20.067	ug/l	99
39) Methylcyclohexane	9.185	83	76269	19.654	ug/l	92
40) Benzene	8.160	78	177056	20.231	ug/l	99

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 QLast Update : Thu Oct 19 03:15:44 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	80468	69.302	ug/l #	29
42) 1,2-Dichloroethane	8.240	62	55197	19.580	ug/l	94
43) Isopropyl Acetate	8.276	43	83238	21.270	ug/l	97
44) Trichloroethene	8.941	130	54509	22.214	ug/l	96
45) 1,2-Dichloropropane	9.215	63	44945	20.521	ug/l	100
46) Dibromomethane	9.307	93	30018	20.644	ug/l	96
47) Bromodichloromethane	9.496	83	63679	19.982	ug/l	99
48) Methyl methacrylate	9.294	41	38276	21.488	ug/l	88
49) 1,4-Dioxane	9.337	88	13899	600.303	ug/l #	42
51) 4-Methyl-2-Pentanone	10.075	43	396840	176.342	ug/l	91
52) Toluene	10.245	92	117314	20.667	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	72258	20.930	ug/l	97
54) cis-1,3-Dichloropropene	9.928	75	78600	20.886	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	46480	23.268	ug/l	97
56) Ethyl methacrylate	10.514	69	70697	24.216	ug/l	90
57) 1,3-Dichloropropane	10.794	76	77335	22.820	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	153308	109.330	ug/l #	86
59) 2-Hexanone	10.837	43	331915	193.858	ug/l	87
60) Dibromochloromethane	10.989	129	52260	21.632	ug/l	100
61) 1,2-Dibromoethane	11.087	107	48912	24.059	ug/l	99
64) Tetrachloroethene	10.721	164	52503	23.452	ug/l	99
65) Chlorobenzene	11.520	112	127184	20.341	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	48126	20.420	ug/l	98
67) Ethyl Benzene	11.593	91	221828	20.049	ug/l	96
68) m/p-Xylenes	11.703	106	175443	40.663	ug/l	94
69) o-Xylene	12.032	106	83334	20.303	ug/l	97
70) Styrene	12.044	104	143438	20.504	ug/l	95
71) Bromoform	12.209	173	39833	24.020	ug/l #	99
73) Isopropylbenzene	12.330	105	219347	20.010	ug/l	100
74) N-amyl acetate	12.148	43	87806	25.360	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.586	83	64620	23.537	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	96065	46.299	ug/l #	100
77) Bromobenzene	12.611	156	54337	20.422	ug/l	91
78) n-propylbenzene	12.672	91	266057	20.151	ug/l	99
79) 2-Chlorotoluene	12.757	91	149743	20.205	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	183687	20.231	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	24625	25.907	ug/l	96
82) 4-Chlorotoluene	12.855	91	155065	20.048	ug/l	99
83) tert-Butylbenzene	13.074	119	157500	19.782	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	183916	20.398	ug/l	98
85) sec-Butylbenzene	13.251	105	241591	20.317	ug/l	100
86) p-Isopropyltoluene	13.373	119	200568	20.184	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	104557	20.197	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	106649	20.461	ug/l	99
89) n-Butylbenzene	13.696	91	186439	20.154	ug/l	97
90) Hexachloroethane	13.964	117	38473	20.310	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	98421	20.707	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.354	75	18659	35.703	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	61560	20.331	ug/l	99
94) Hexachlorobutadiene	15.110	225	33649	20.460	ug/l	96
95) Naphthalene	15.238	128	193812	26.079	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	58629	21.198	ug/l	98

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

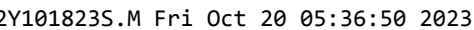
Instrument :
MSVOA_Y
ClientSampleId :

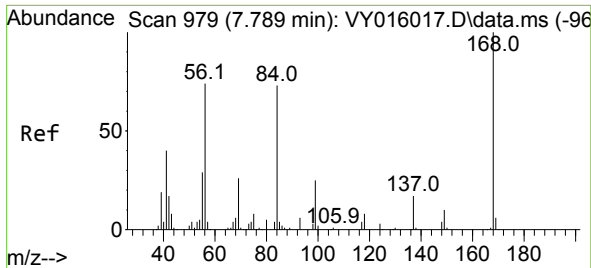
Quant Time: Oct 20 05:36:36 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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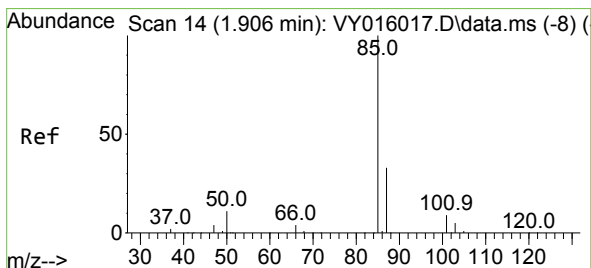
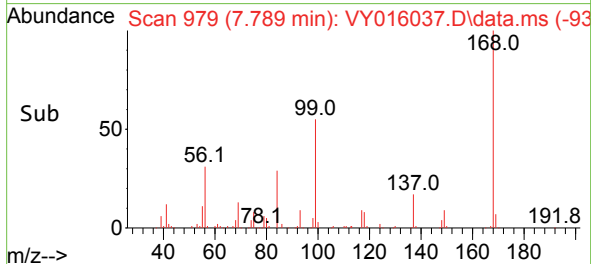
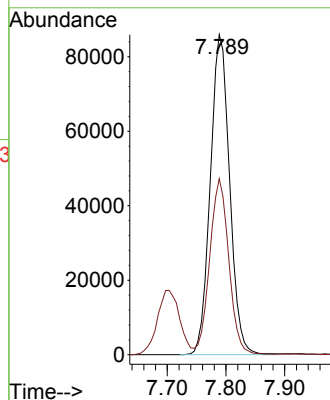
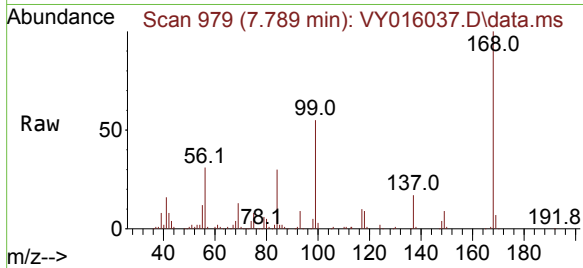




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

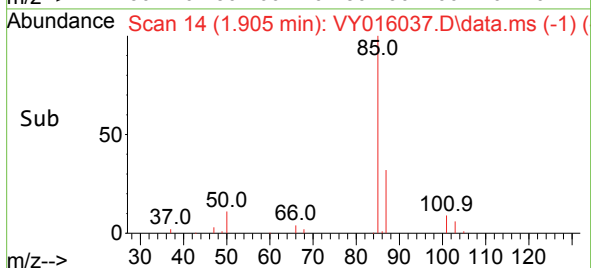
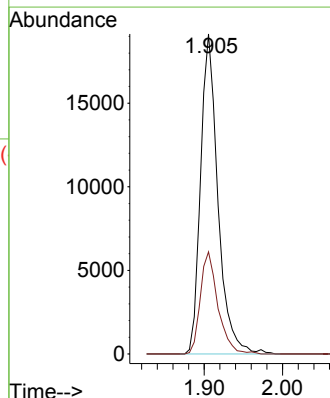
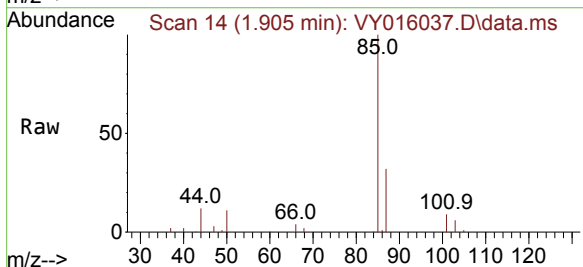
Instrument :
MSVOA_Y
ClientSampleId :

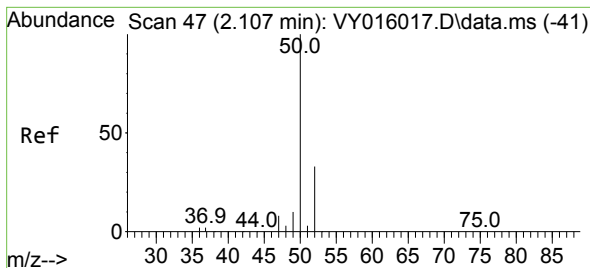
Tgt Ion:168 Resp: 196306
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.158 ug/l
RT: 1.905 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

Tgt Ion: 85 Resp: 29460
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8





#3

Chloromethane

Concen: 20.300 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

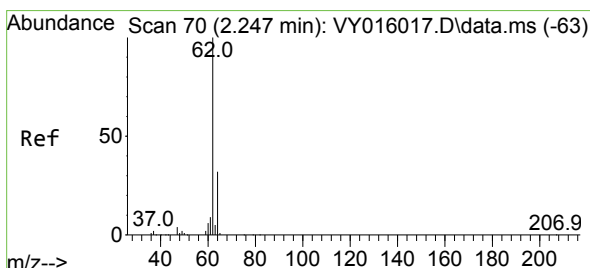
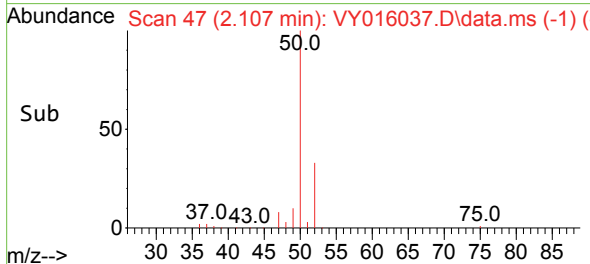
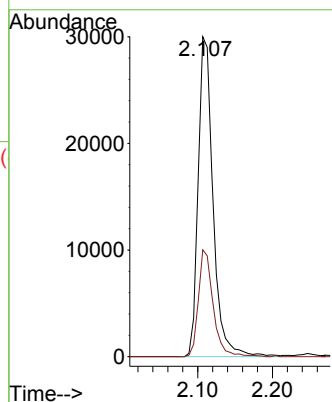
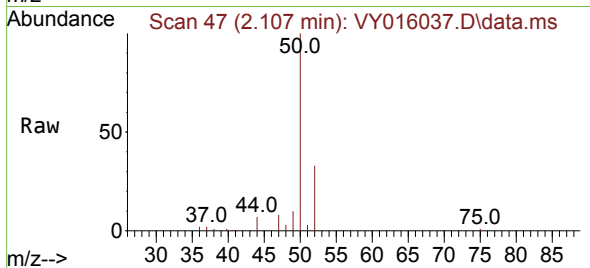
ClientSampleId :

Tgt Ion: 50 Resp: 41587

Ion Ratio Lower Upper

50 100

52 33.4 25.4 38.2



#4

Vinyl Chloride

Concen: 18.638 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.000 min

Lab File: VY016037.D

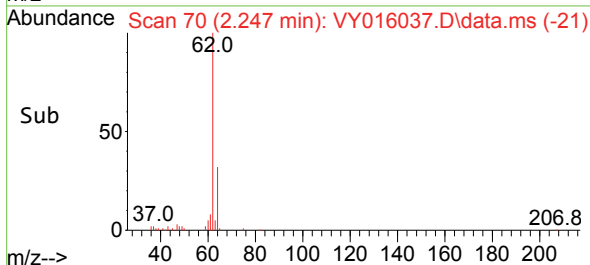
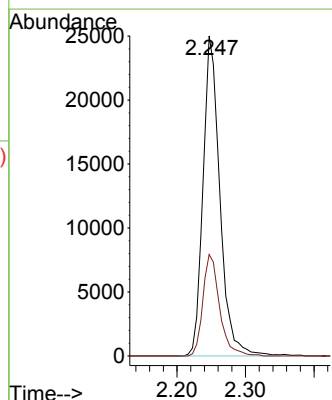
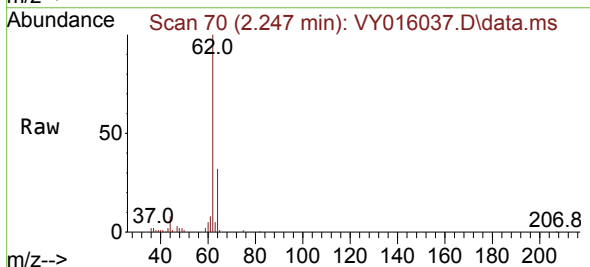
Acq: 19 Oct 2023 14:48

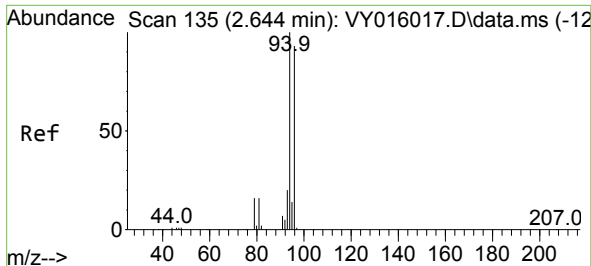
Tgt Ion: 62 Resp: 42853

Ion Ratio Lower Upper

62 100

64 31.7 24.3 36.5





#5

Bromomethane

Concen: 17.309 ug/l

RT: 2.649 min Scan# 11

Delta R.T. 0.005 min

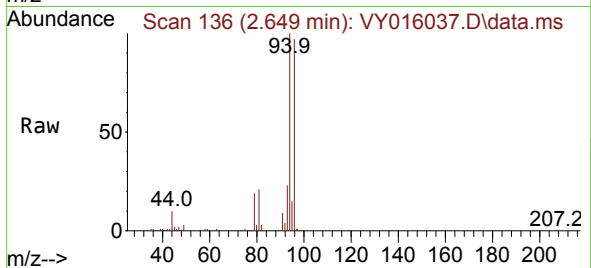
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Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

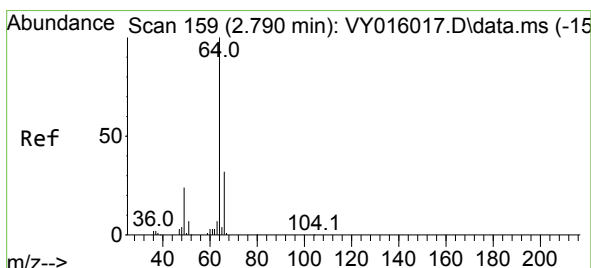
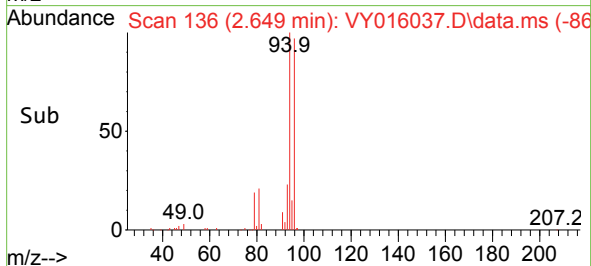
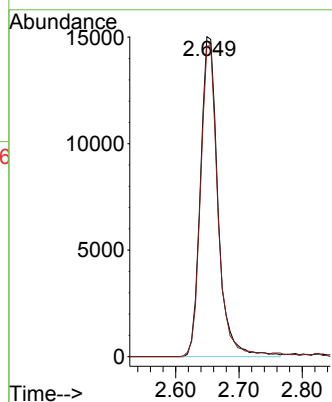


Tgt Ion: 94 Resp: 29030

Ion Ratio Lower Upper

94 100

96 97.0 75.8 113.6



#6

Chloroethane

Concen: 18.323 ug/l

RT: 2.789 min Scan# 159

Delta R.T. -0.001 min

Lab File: VY016037.D

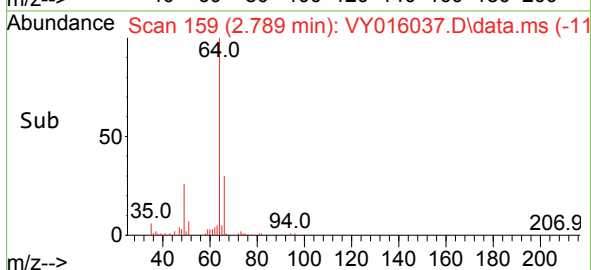
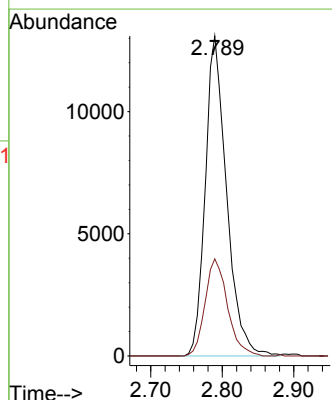
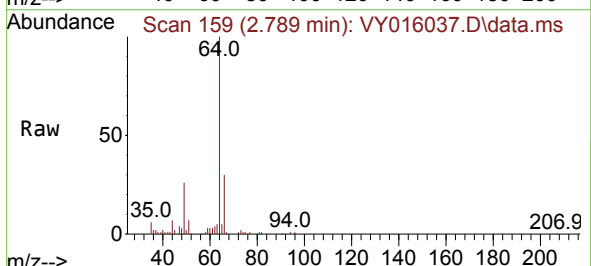
Acq: 19 Oct 2023 14:48

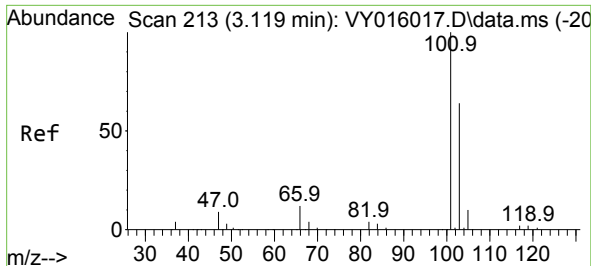
Tgt Ion: 64 Resp: 27089

Ion Ratio Lower Upper

64 100

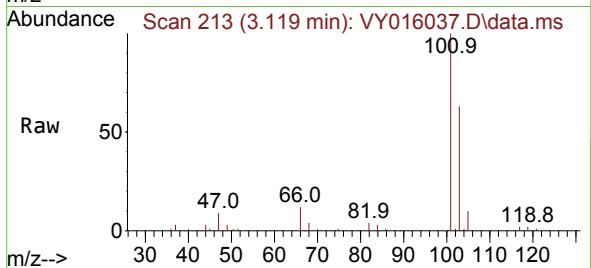
66 30.3 24.4 36.6



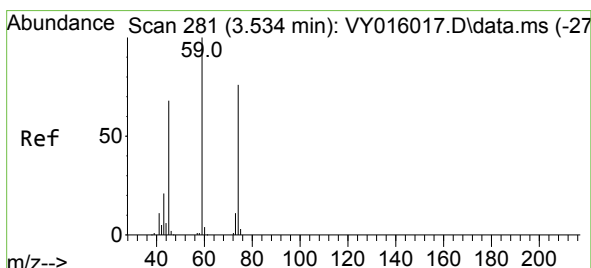
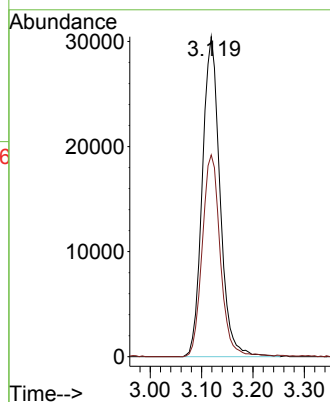
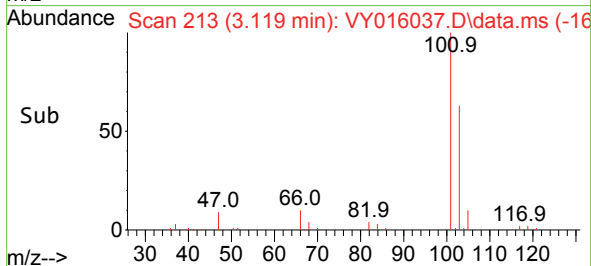


#7
 Trichlorofluoromethane
 Concen: 20.742 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VY016037.D
 Acq: 19 Oct 2023 14:48

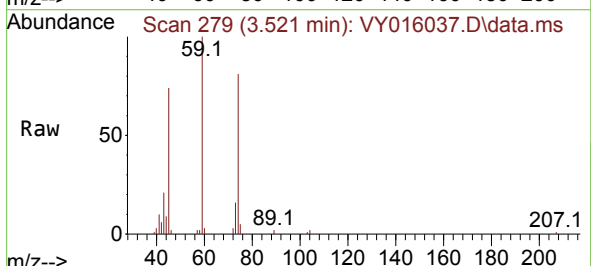
Instrument :
 MSVOA_Y
 ClientSampleId :



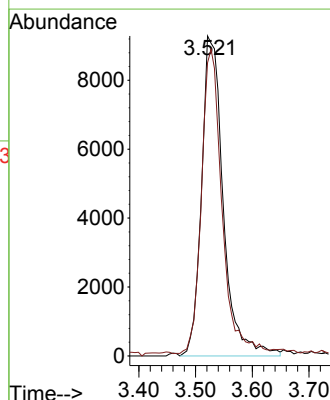
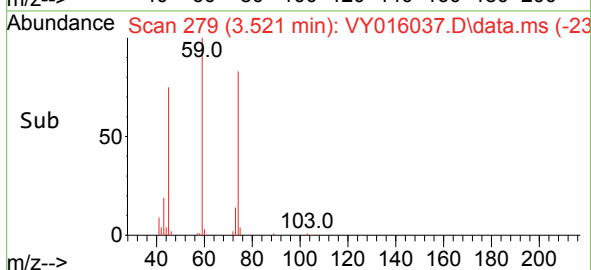
Tgt Ion:101 Resp: 72577
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.4 77.0

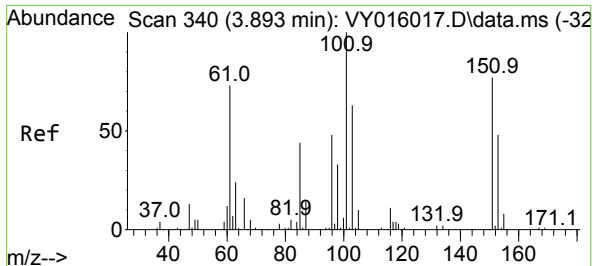


#8
 Diethyl Ether
 Concen: 20.004 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.013 min
 Lab File: VY016037.D
 Acq: 19 Oct 2023 14:48



Tgt Ion: 74 Resp: 24728
 Ion Ratio Lower Upper
 74 100
 45 89.2 51.5 154.5

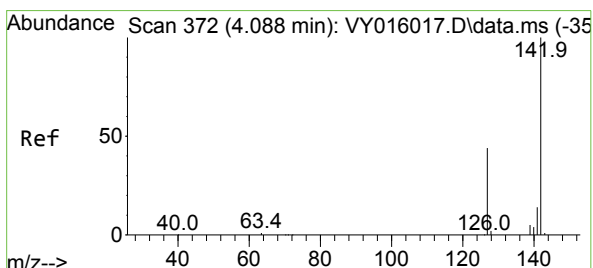
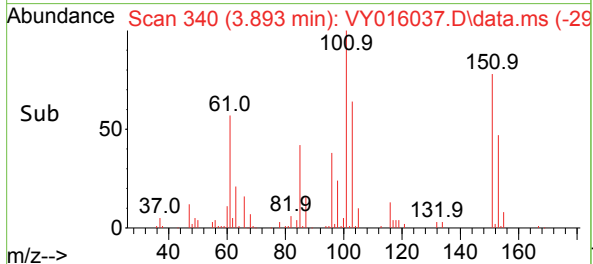
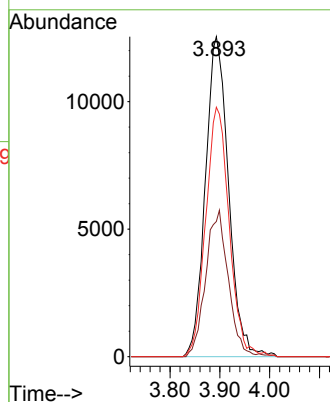
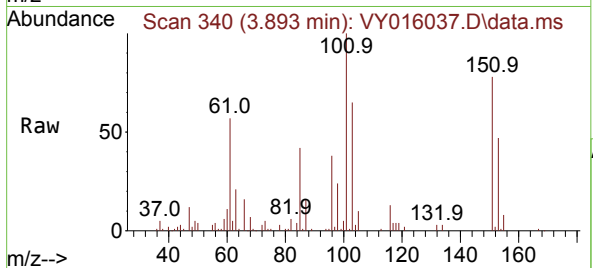




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.106 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

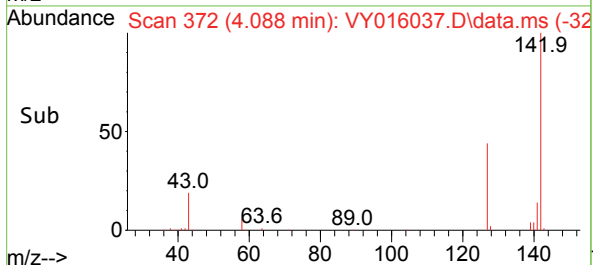
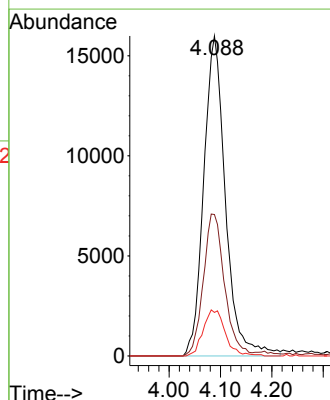
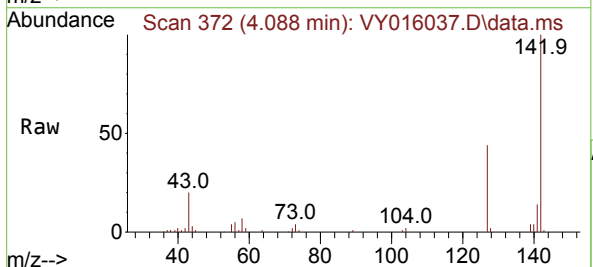
Instrument :
MSVOA_Y
ClientSampleId :

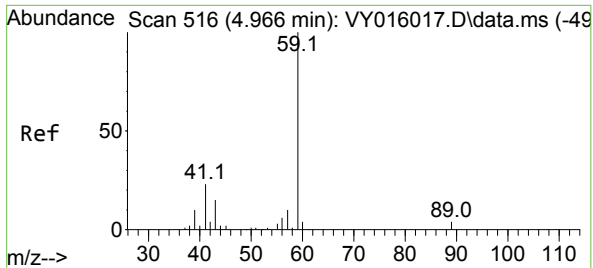
Tgt Ion:101 Resp: 40468
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 79.0 67.0 100.6



#10
Methyl Iodide
Concen: 17.869 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

Tgt Ion:142 Resp: 46963
Ion Ratio Lower Upper
142 100
127 43.3 37.6 56.4
141 14.6 11.8 17.8





#11

Tert butyl alcohol

Concen: 209.198 ug/l

RT: 4.923 min Scan# 509

Delta R.T. -0.043 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

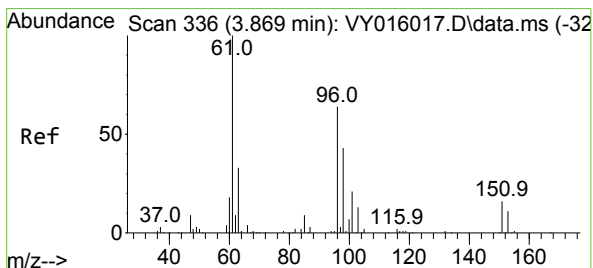
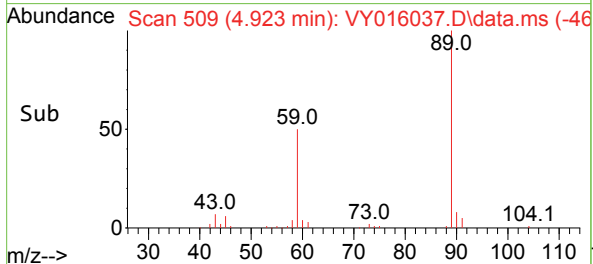
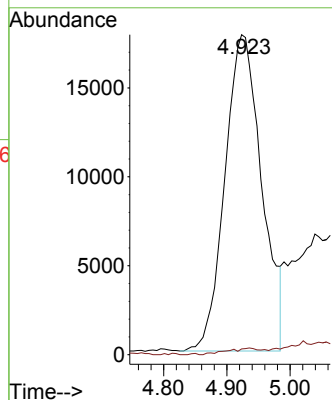
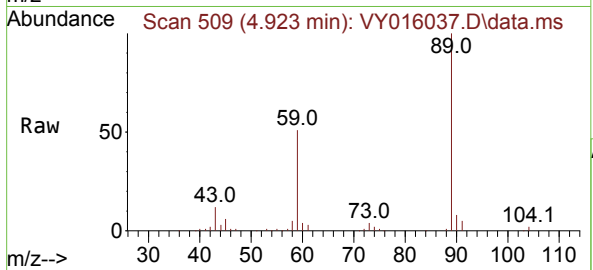
ClientSampleId :

Tgt Ion: 59 Resp: 72051

Ion Ratio Lower Upper

59 100

57 1.8 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 20.142 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

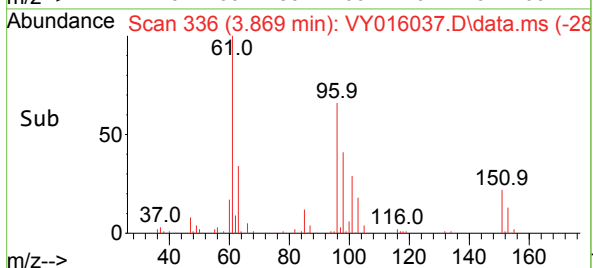
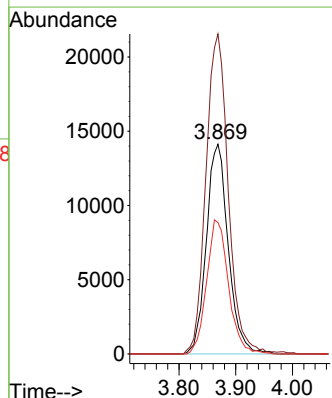
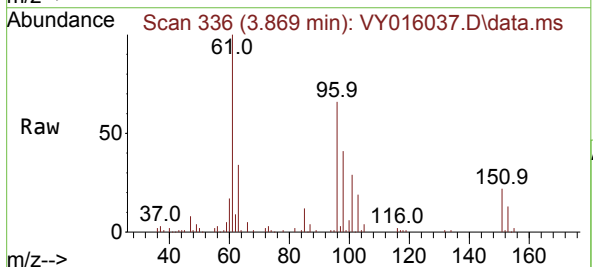
Tgt Ion: 96 Resp: 37933

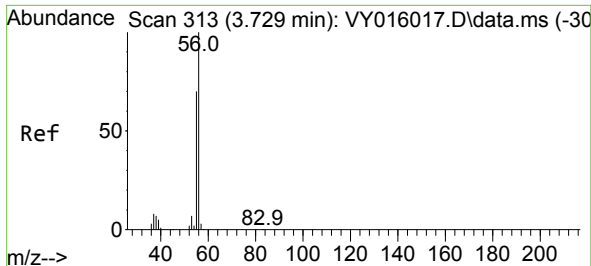
Ion Ratio Lower Upper

96 100

61 152.5 136.4 204.6

98 62.6 49.4 74.2

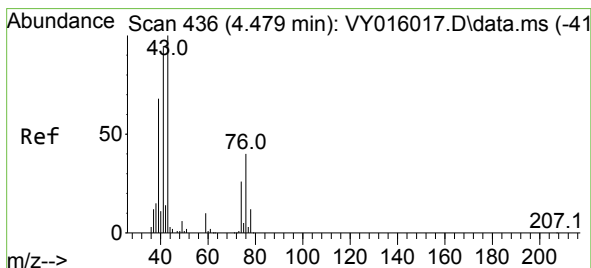
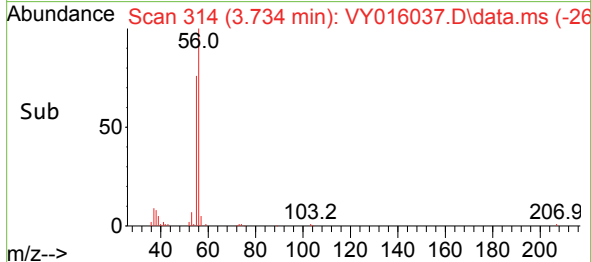
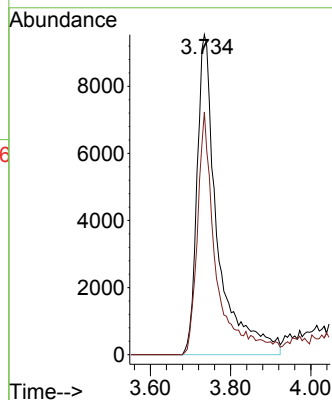
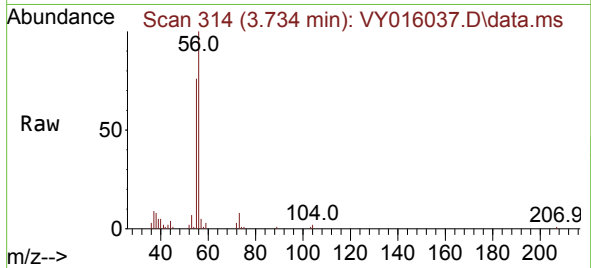




#13
Acrolein
Concen: 137.997 ug/l
RT: 3.734 min Scan# 313
Delta R.T. 0.005 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

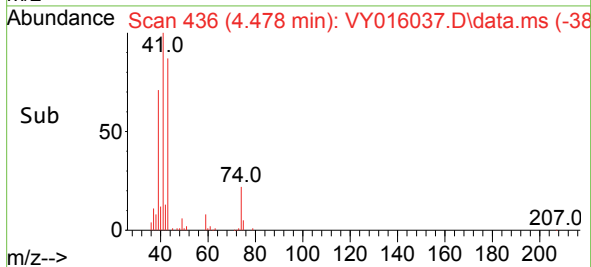
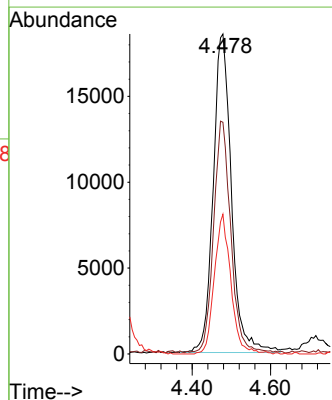
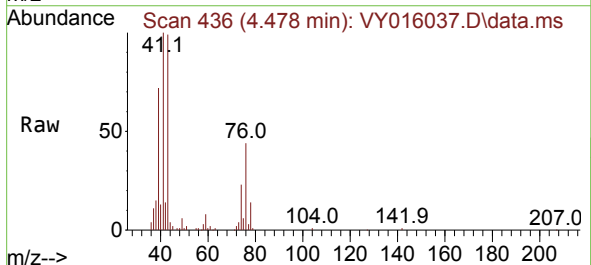
Instrument :
MSVOA_Y
ClientSampleId :

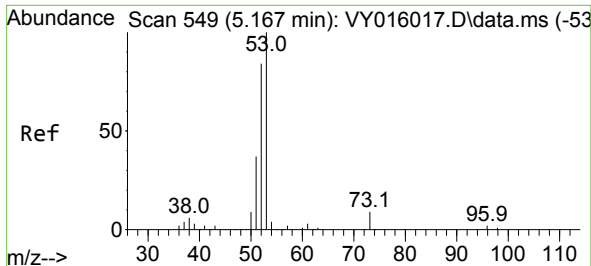
Tgt Ion: 56 Resp: 34085
Ion Ratio Lower Upper
56 100
55 62.4 57.0 85.4



#14
Allyl chloride
Concen: 20.376 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

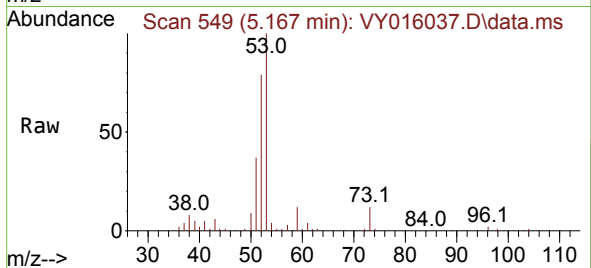
Tgt Ion: 41 Resp: 60004
Ion Ratio Lower Upper
41 100
39 69.1 58.0 87.0
76 39.5 27.4 41.2





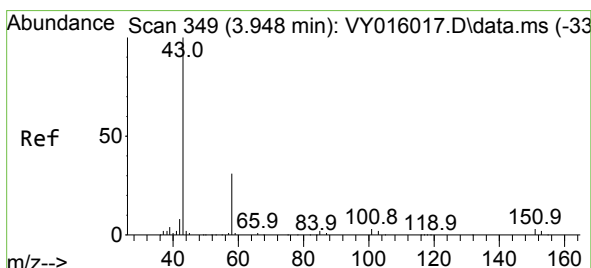
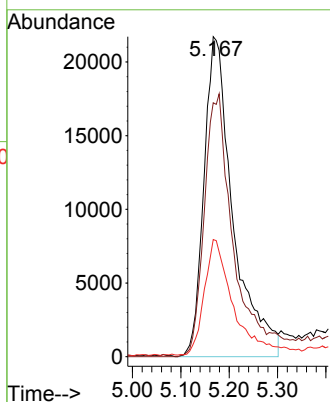
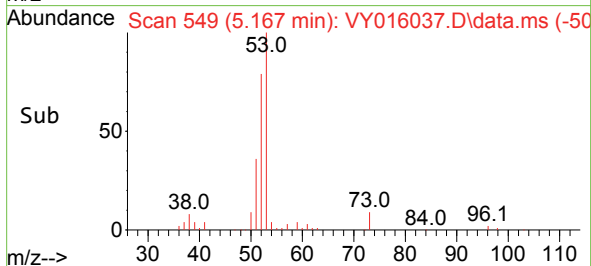
#15
Acrylonitrile
Concen: 123.410 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

Instrument :
MSVOA_Y
ClientSampleId :

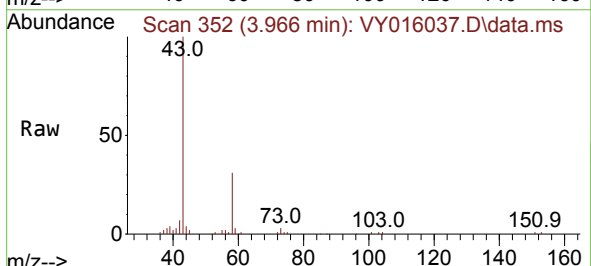


Tgt Ion: 53 Resp: 91012

Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.9	100.3
51	36.6	29.8	44.6

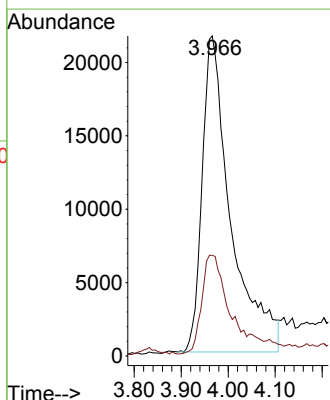
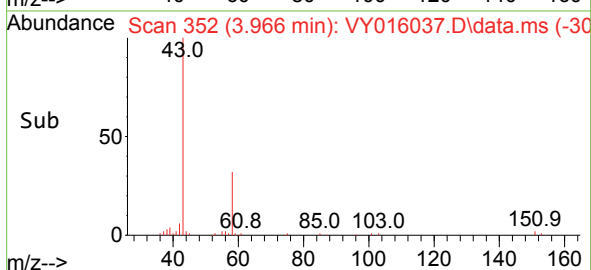


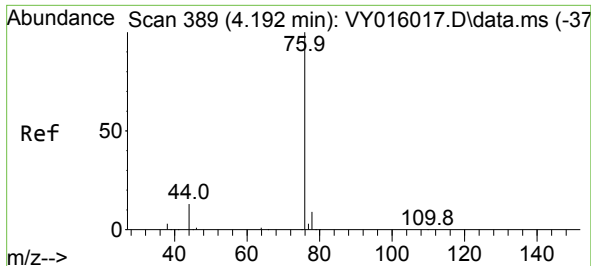
#16
Acetone
Concen: 110.591 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48



Tgt Ion: 43 Resp: 91465

Ion	Ratio	Lower	Upper
43	100		
58	31.3	22.7	34.1





#17

Carbon Disulfide

Concen: 19.685 ug/l

RT: 4.186 min Scan# 388

Delta R.T. -0.006 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

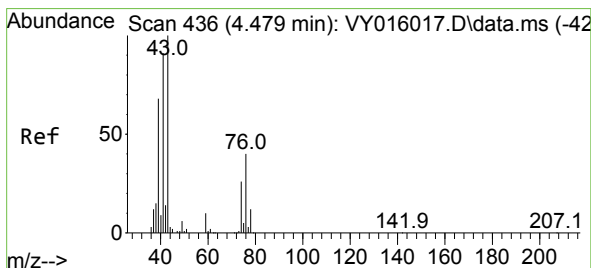
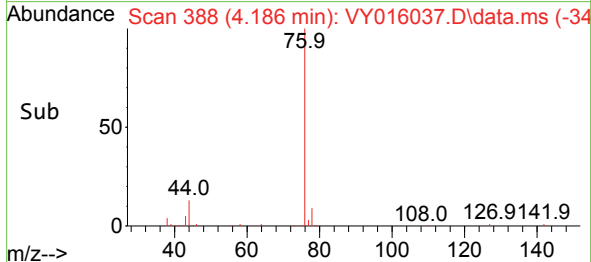
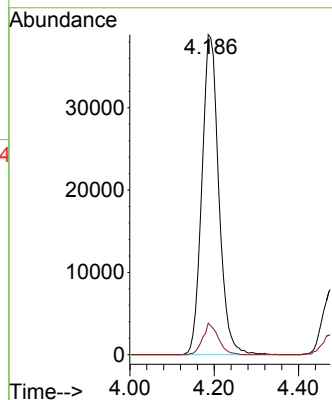
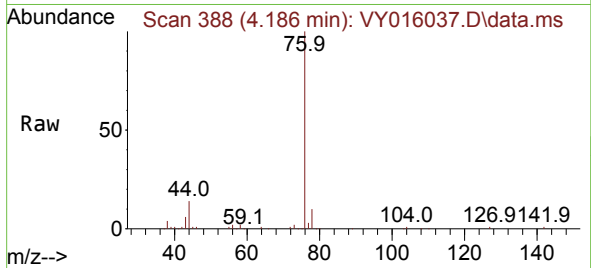
ClientSampleId :

Tgt Ion: 76 Resp: 108606

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.4



#18

Methyl Acetate

Concen: 22.931 ug/l

RT: 4.484 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY016037.D

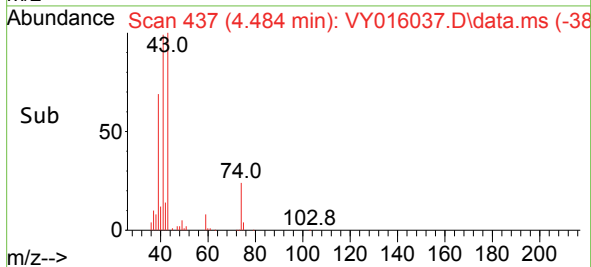
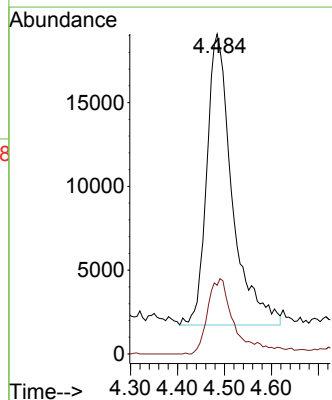
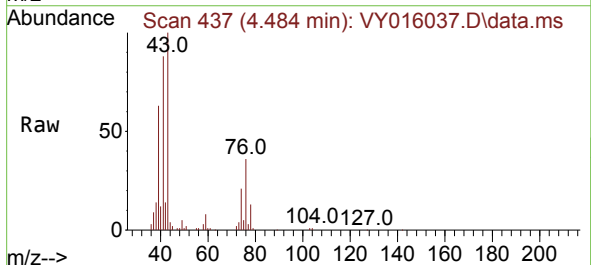
Acq: 19 Oct 2023 14:48

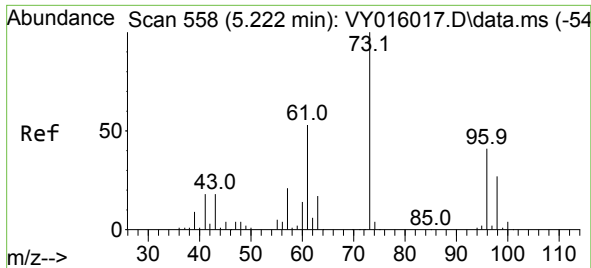
Tgt Ion: 43 Resp: 65277

Ion Ratio Lower Upper

43 100

74 26.7 17.4 26.0#

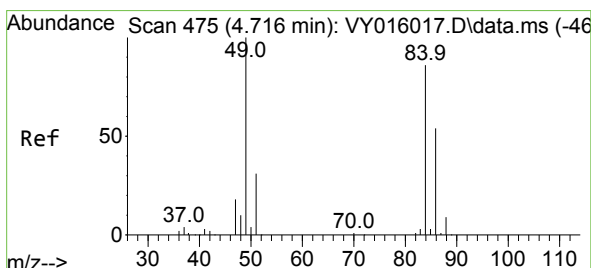
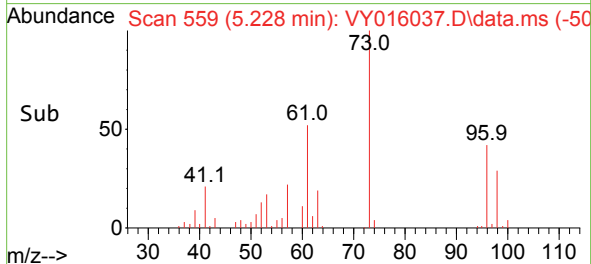
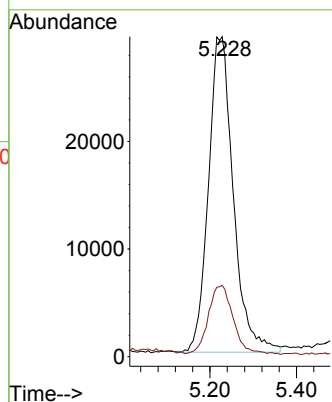
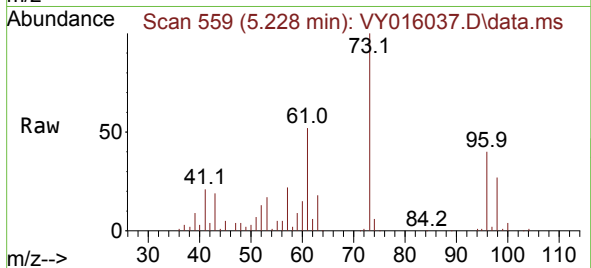




#19
Methyl tert-butyl Ether
Concen: 19.301 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

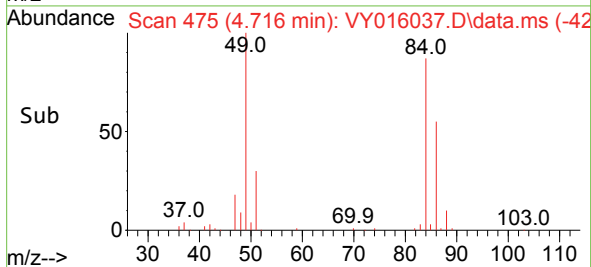
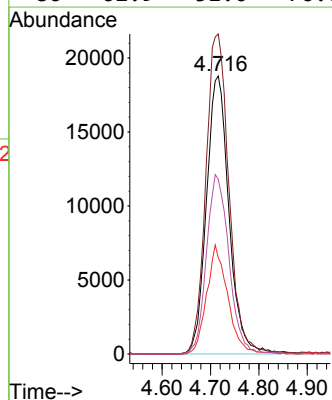
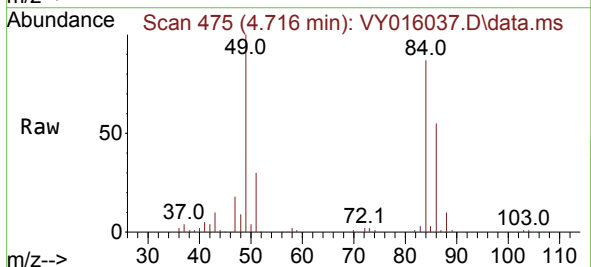
Instrument :
MSVOA_Y
ClientSampleId :

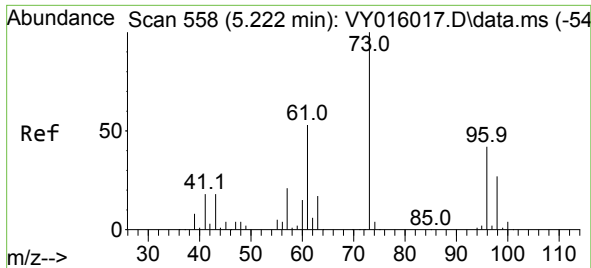
Tgt Ion: 73 Resp: 117265
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#20
Methylene Chloride
Concen: 24.708 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

Tgt Ion: 84 Resp: 60707
Ion Ratio Lower Upper
84 100
49 115.1 106.9 160.3
51 34.6 33.2 49.8
86 62.9 51.0 76.6

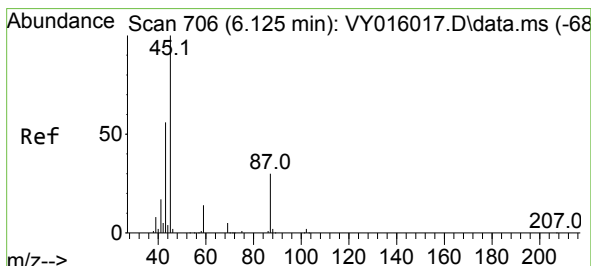
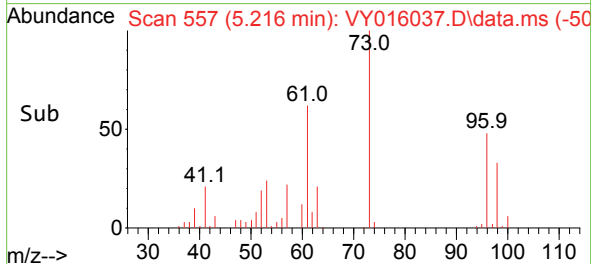
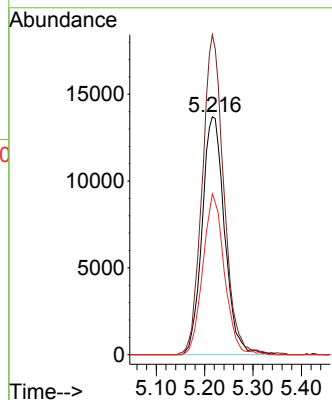
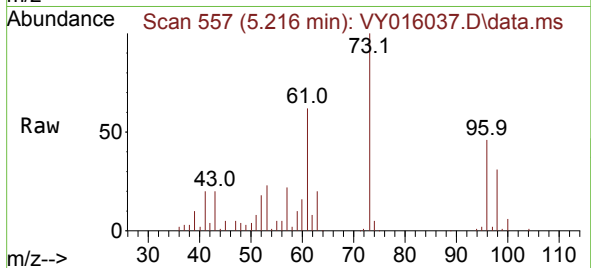




#21
trans-1,2-Dichloroethene
Concen: 20.149 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

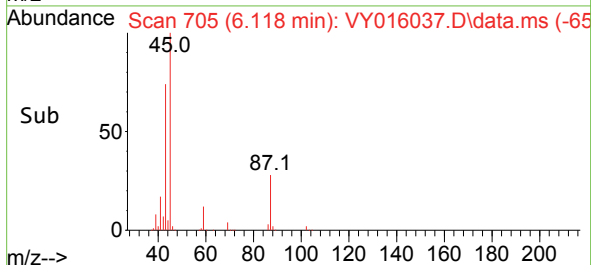
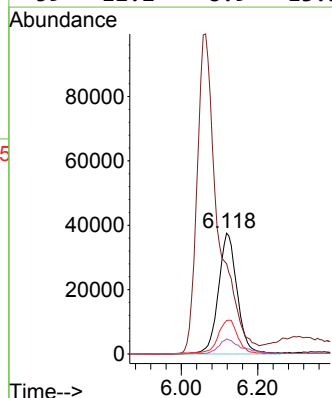
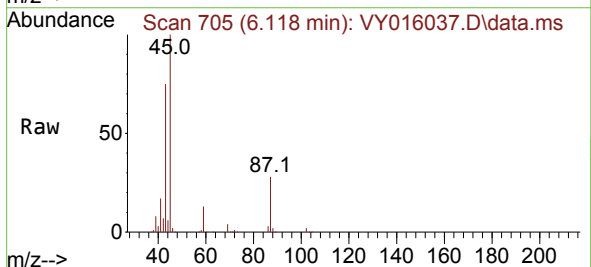
Instrument :
MSVOA_Y
ClientSampleId :

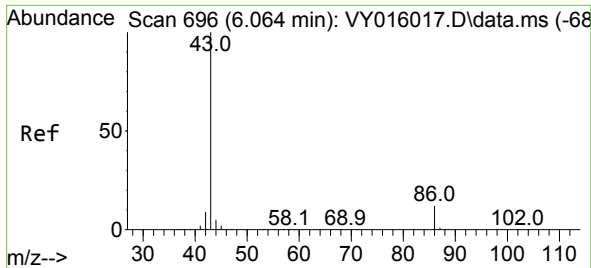
Tgt Ion: 96 Resp: 44189
Ion Ratio Lower Upper
96 100
61 133.9 110.2 165.4
98 67.6 51.8 77.6



#22
Diisopropyl ether
Concen: 19.969 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

Tgt Ion: 45 Resp: 128047
Ion Ratio Lower Upper
45 100
43 74.2 52.2 78.4
87 27.5 21.0 31.6
59 12.2 8.9 13.3

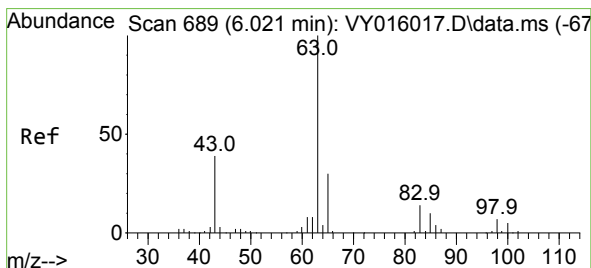
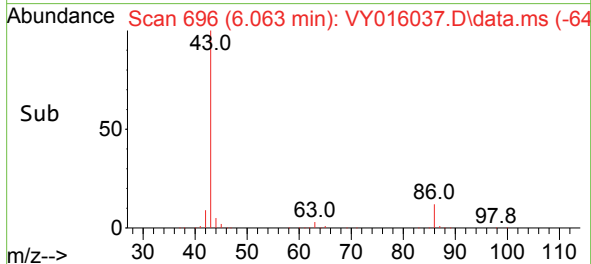
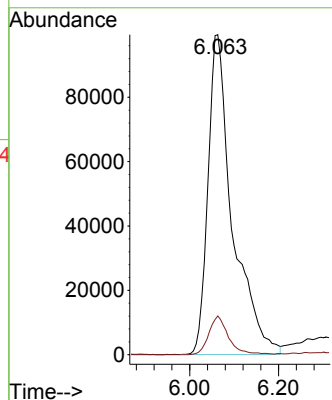
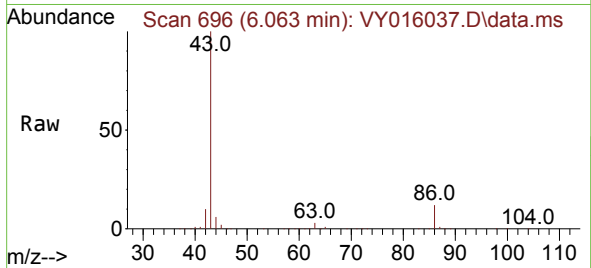




#23
 Vinyl Acetate
 Concen: 95.647 ug/l
 RT: 6.063 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY016037.D
 Acq: 19 Oct 2023 14:48

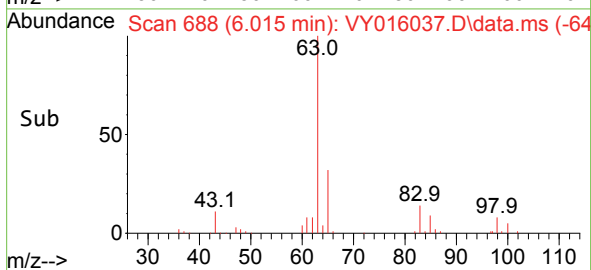
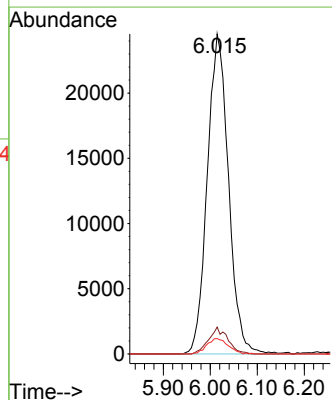
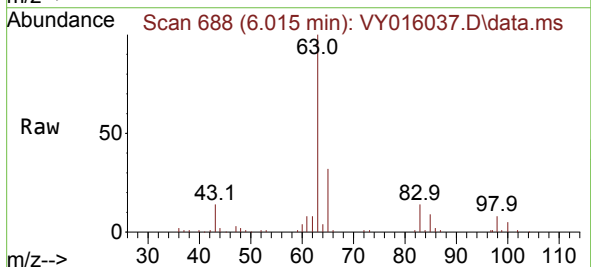
Instrument :
 MSVOA_Y
 ClientSampleId :

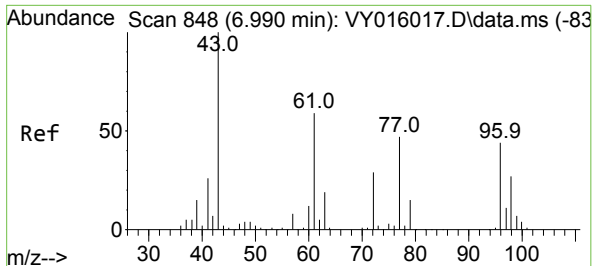
Tgt Ion: 43 Resp: 380438
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.212 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016037.D
 Acq: 19 Oct 2023 14:48

Tgt Ion: 63 Resp: 76887
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.1 9.4
 100 4.8 1.8 5.5





#25

2-Butanone

Concen: 123.728 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

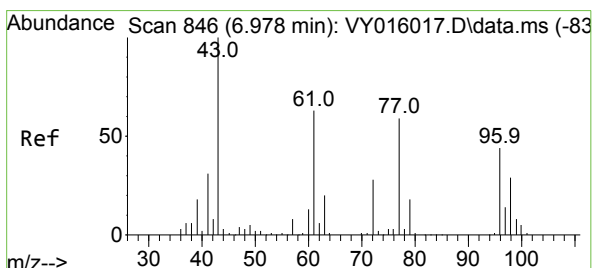
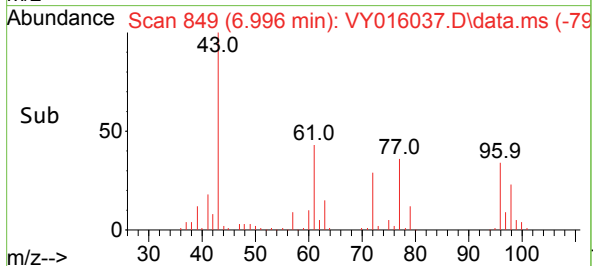
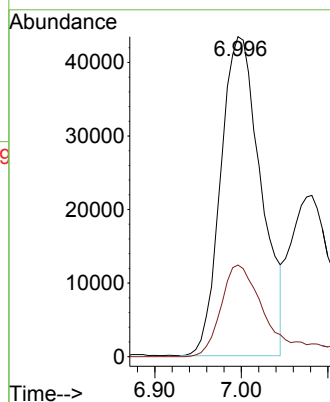
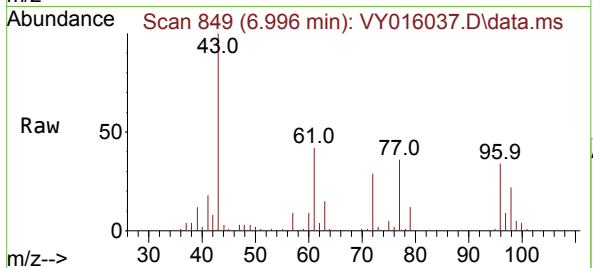
ClientSampleId :

Tgt Ion: 43 Resp: 140165

Ion Ratio Lower Upper

43 100

72 28.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 18.570 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY016037.D

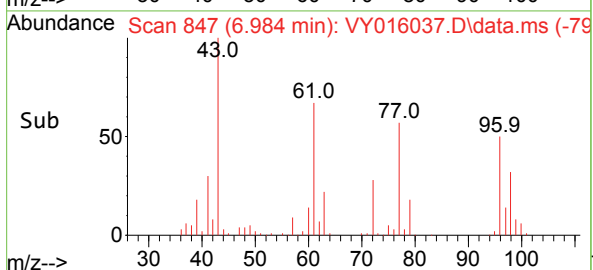
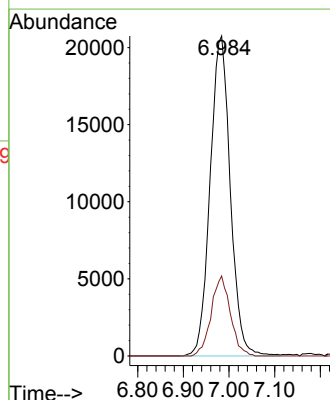
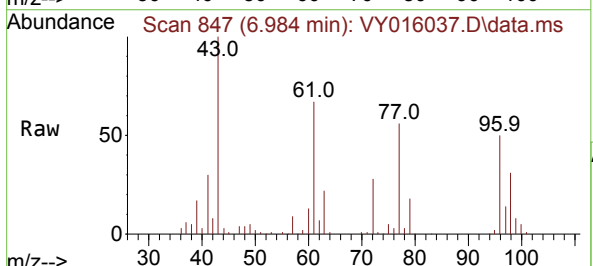
Acq: 19 Oct 2023 14:48

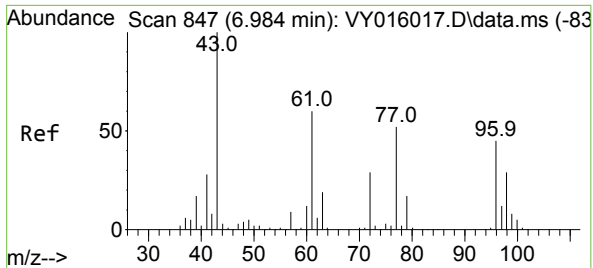
Tgt Ion: 77 Resp: 63558

Ion Ratio Lower Upper

77 100

97 23.8 10.9 32.9

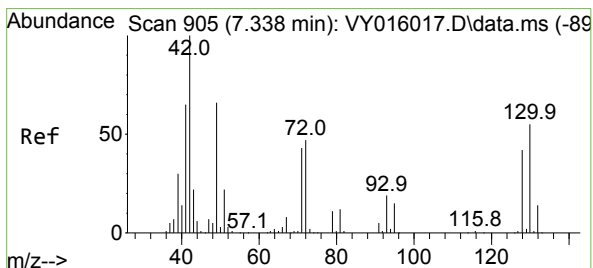
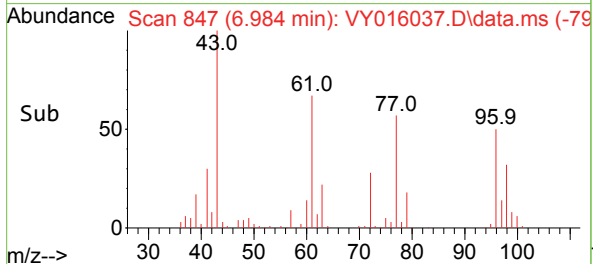
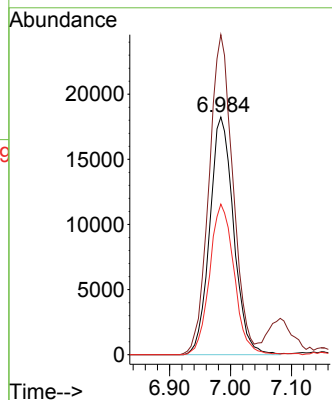
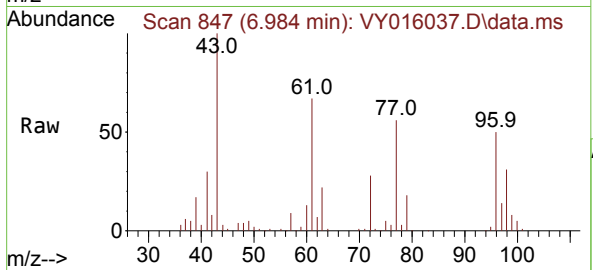




#27
 cis-1,2-Dichloroethene
 Concen: 19.680 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY016037.D
 Acq: 19 Oct 2023 14:48

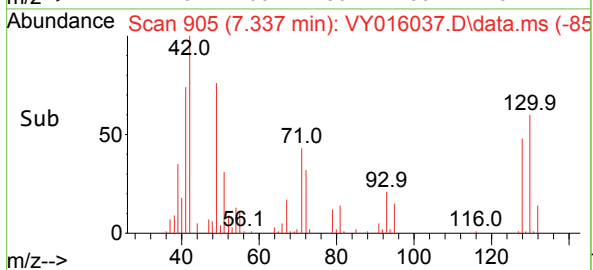
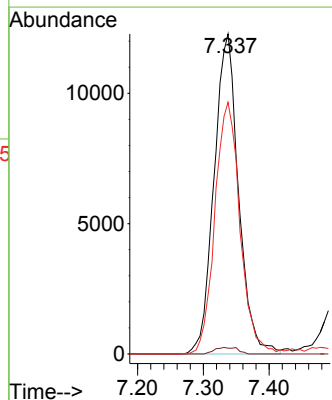
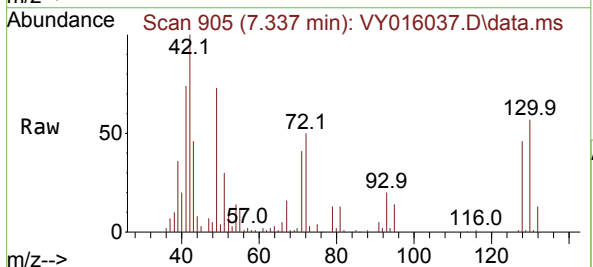
Instrument :
 MSVOA_Y
 ClientSampleId :

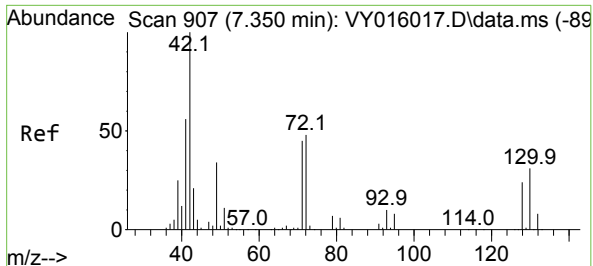
Tgt Ion: 96 Resp: 49706
 Ion Ratio Lower Upper
 96 100
 61 134.7 0.0 301.4
 98 65.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 19.546 ug/l
 RT: 7.337 min Scan# 905
 Delta R.T. -0.000 min
 Lab File: VY016037.D
 Acq: 19 Oct 2023 14:48

Tgt Ion: 49 Resp: 31799
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 80.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 135.937 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY016037.D

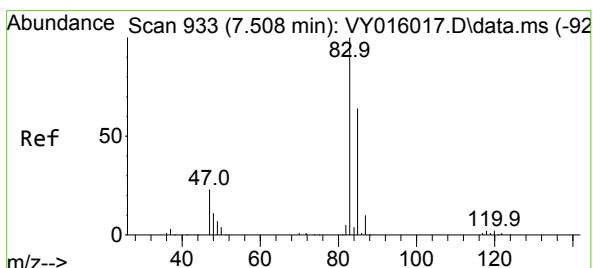
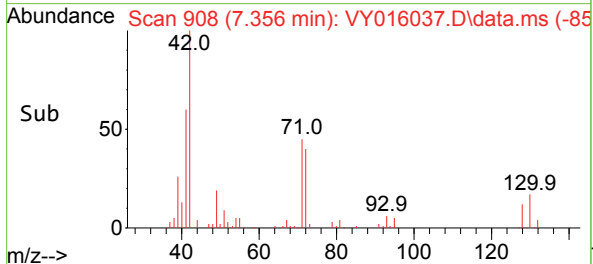
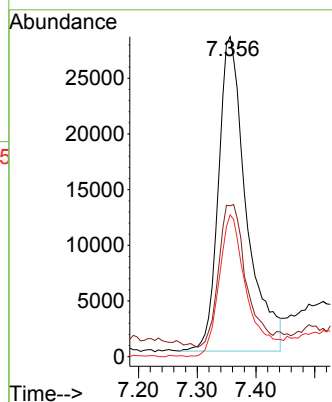
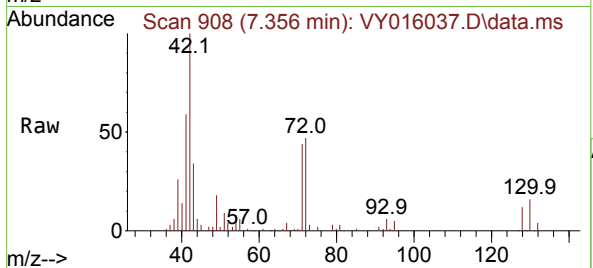
Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	93214
Ion	Ratio	Lower	Upper
42	100		
72	44.9	32.8	49.2
71	45.2	31.0	46.4



#30

Chloroform

Concen: 19.958 ug/l

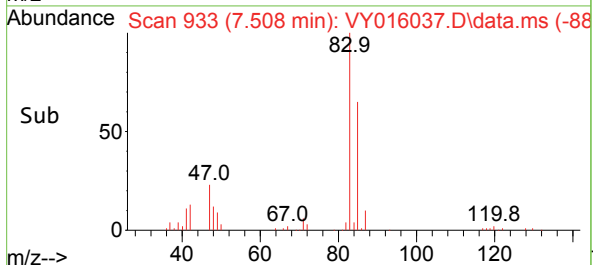
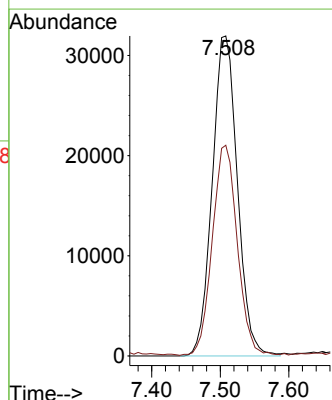
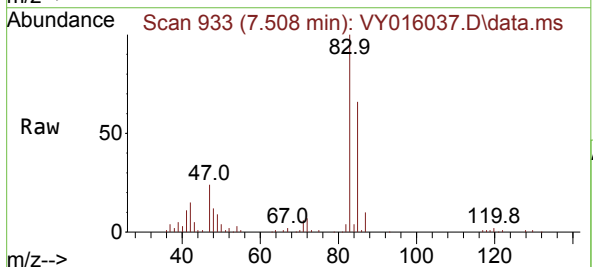
RT: 7.508 min Scan# 933

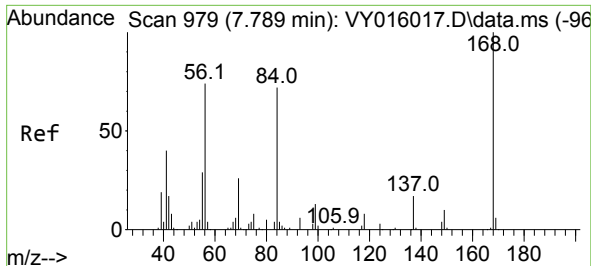
Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Tgt Ion:	83	Resp:	81403
Ion	Ratio	Lower	Upper
83	100		
85	65.6	49.7	74.5

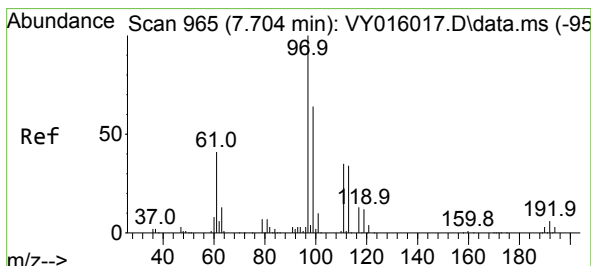
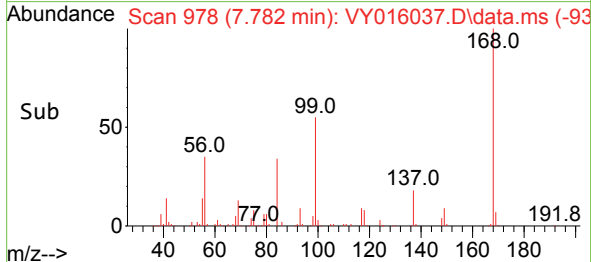
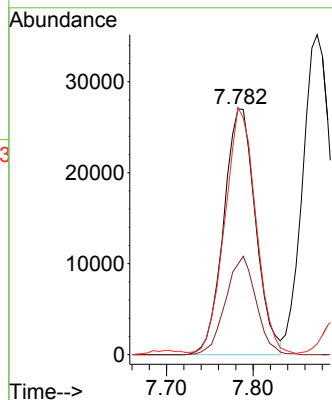
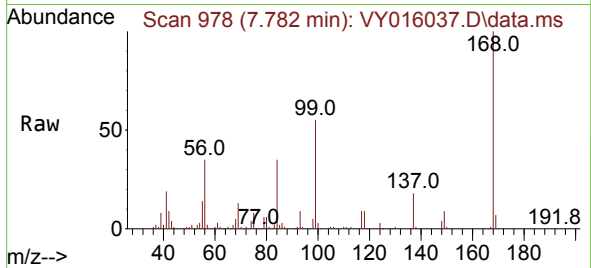




#31
Cyclohexane
Concen: 19.796 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

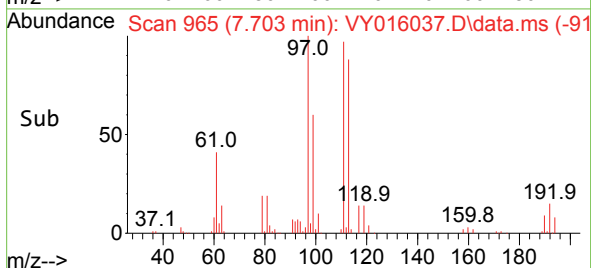
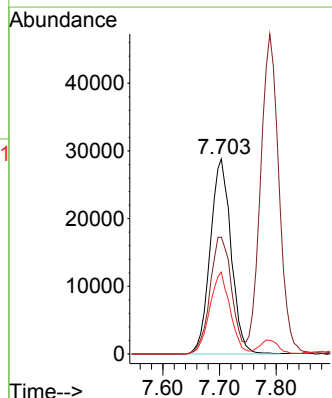
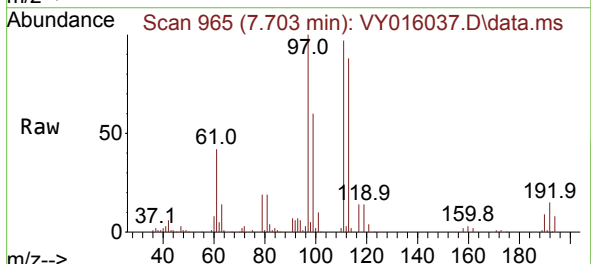
Instrument :
MSVOA_Y
ClientSampleId :

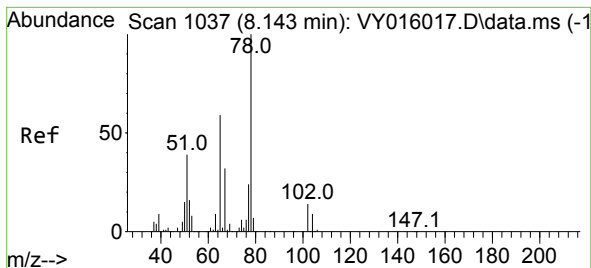
Tgt Ion: 56 Resp: 69132
Ion Ratio Lower Upper
56 100
69 36.8 27.8 41.6
84 99.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.118 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

Tgt Ion: 97 Resp: 73417
Ion Ratio Lower Upper
97 100
99 62.6 50.8 76.2
61 41.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 45.577 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

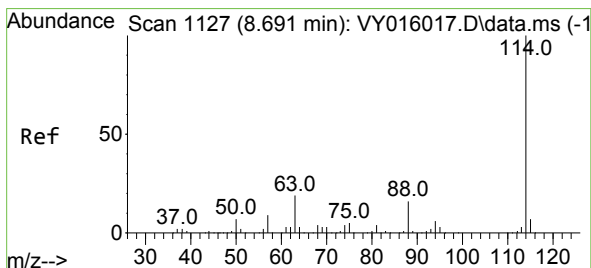
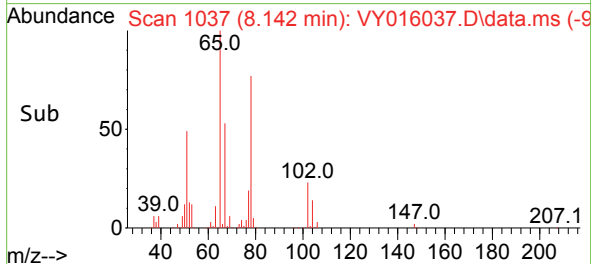
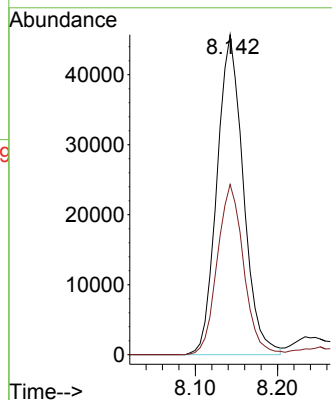
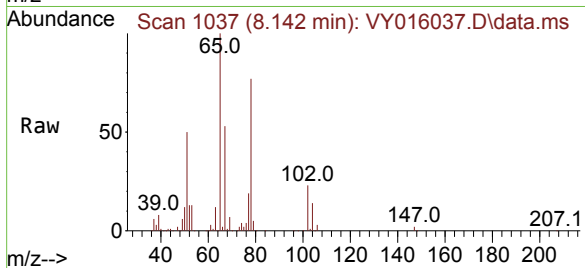
ClientSampleId :

Tgt Ion: 65 Resp: 101689

Ion Ratio Lower Upper

65 100

67 53.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

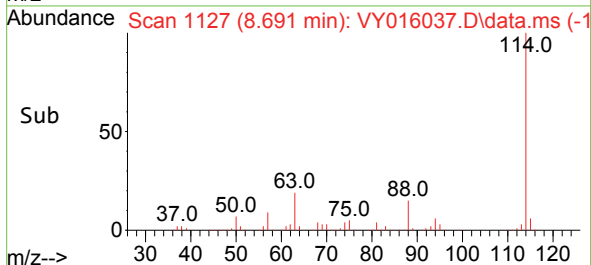
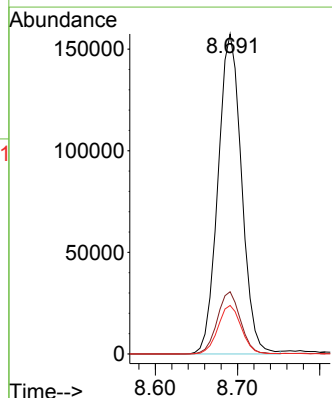
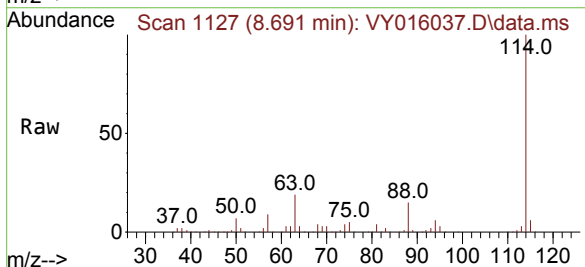
Tgt Ion: 114 Resp: 313567

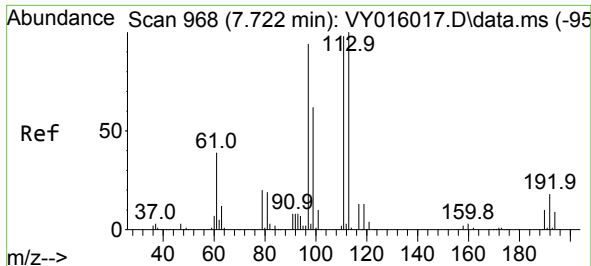
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.1 0.0 30.6

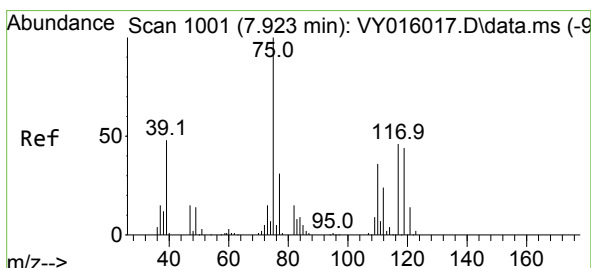
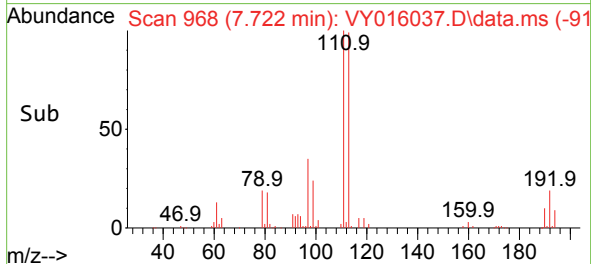
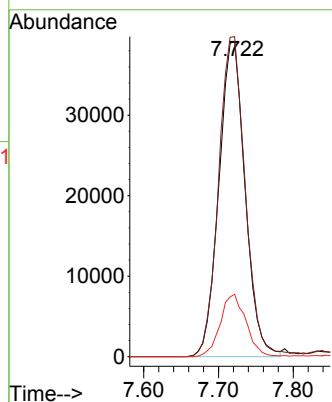
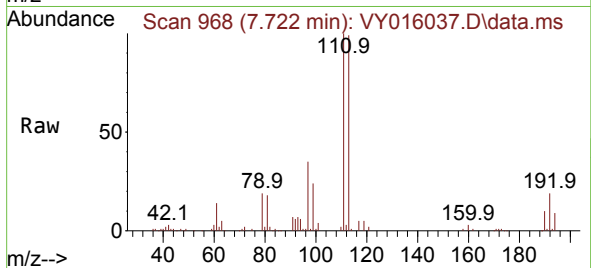




#35
Dibromofluoromethane
Concen: 46.213 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

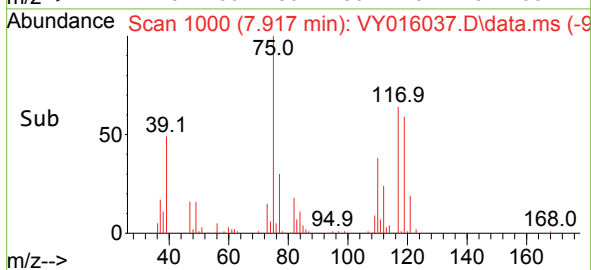
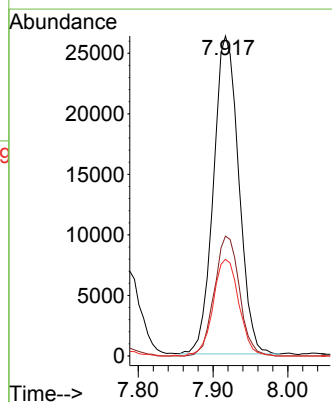
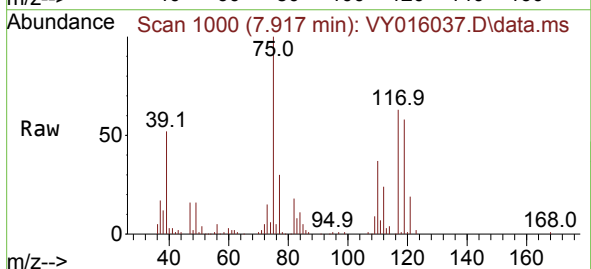
Instrument :
MSVOA_Y
ClientSampleId :

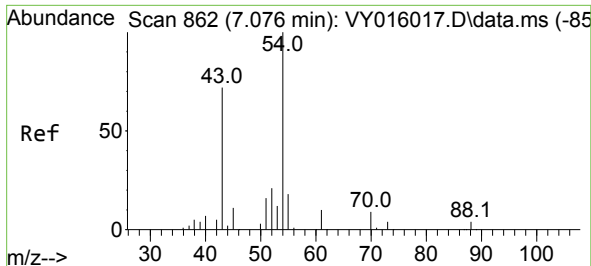
Tgt Ion:113 Resp: 95381
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.893 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

Tgt Ion: 75 Resp: 61772
Ion Ratio Lower Upper
75 100
110 37.4 17.8 53.5
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 24.525 ug/l

RT: 7.081 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY016037.D

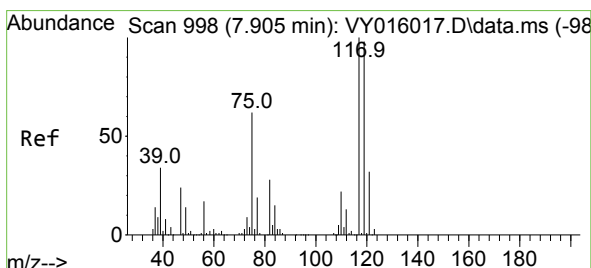
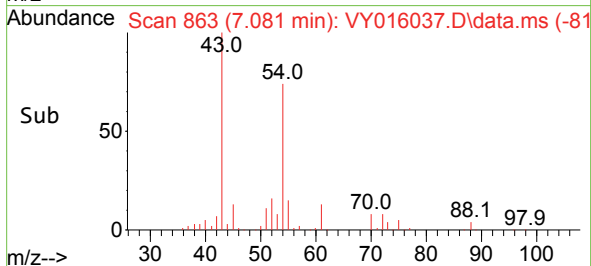
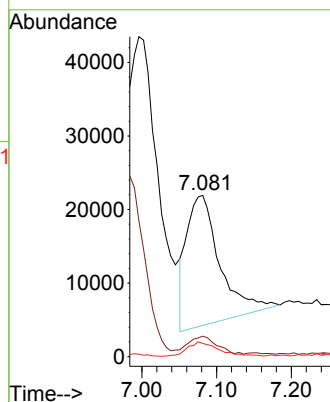
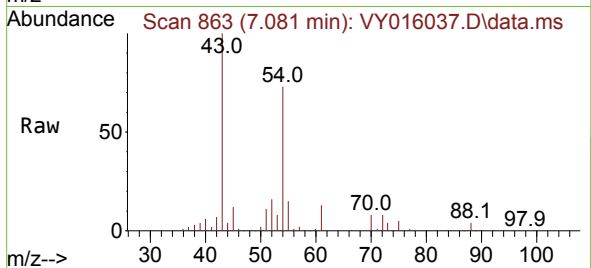
Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	54894
Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.1	15.1
70	10.2	7.1	10.7



#38

Carbon Tetrachloride

Concen: 20.067 ug/l

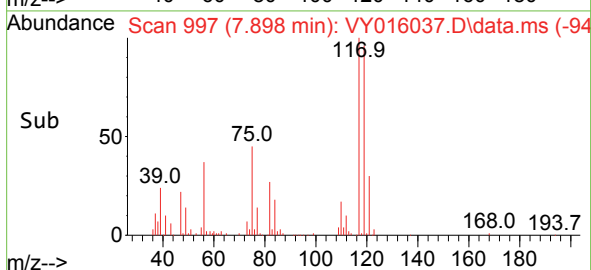
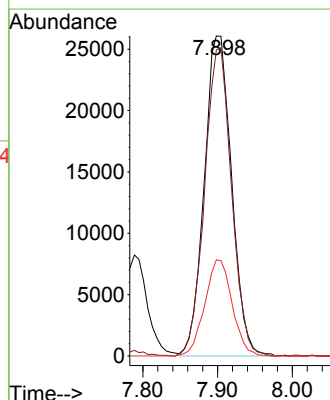
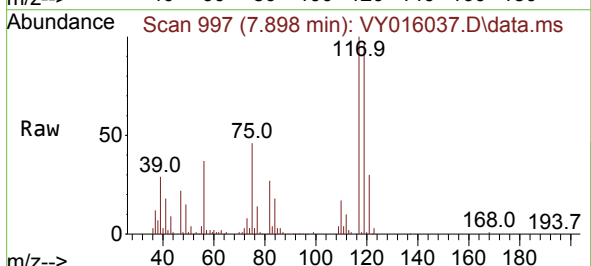
RT: 7.898 min Scan# 997

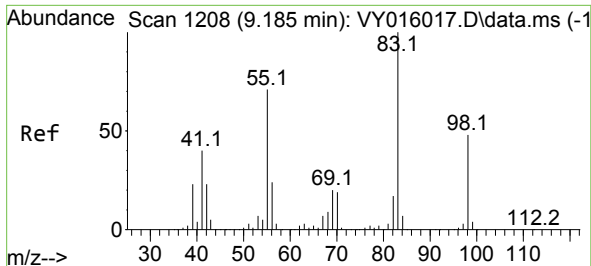
Delta R.T. -0.006 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Tgt Ion:	117	Resp:	66227
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.4	114.6
121	30.1	25.8	38.6





#39

Methylcyclohexane

Concen: 19.654 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

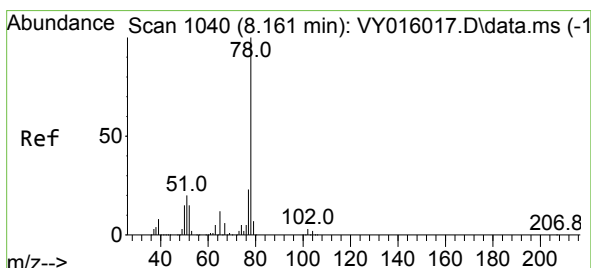
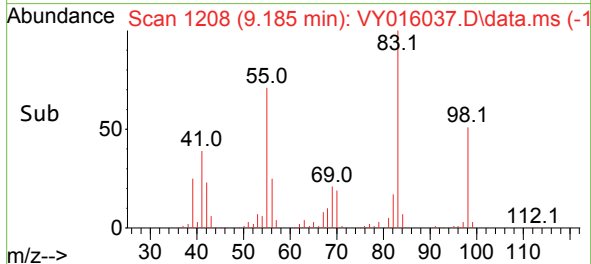
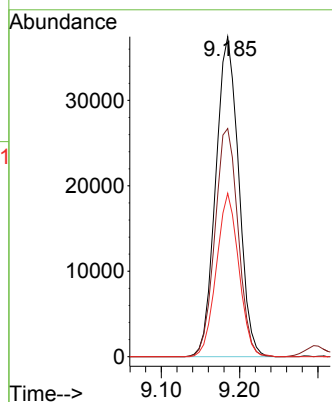
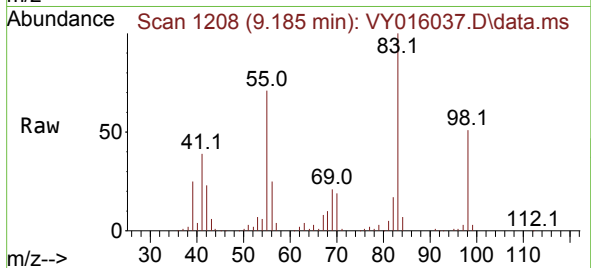
Tgt Ion: 83 Resp: 76269

Ion Ratio Lower Upper

83 100

55 71.3 63.0 94.4

98 51.0 37.4 56.2



#40

Benzene

Concen: 20.231 ug/l

RT: 8.160 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY016037.D

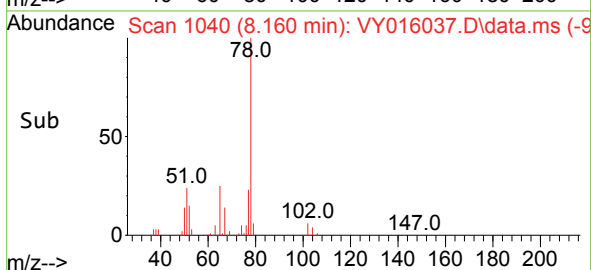
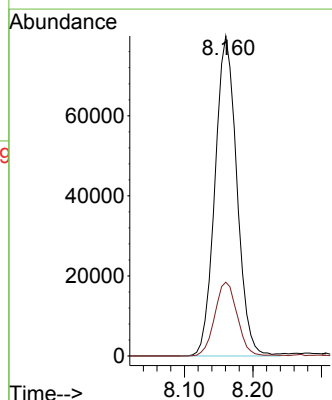
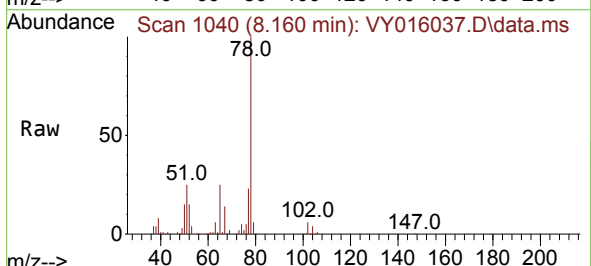
Acq: 19 Oct 2023 14:48

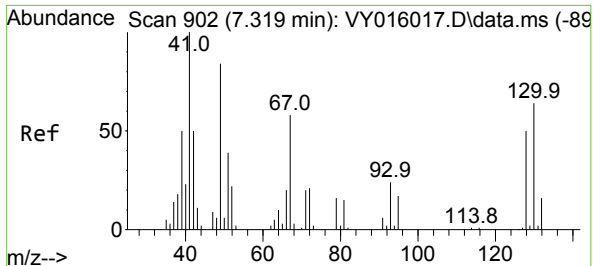
Tgt Ion: 78 Resp: 177056

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6

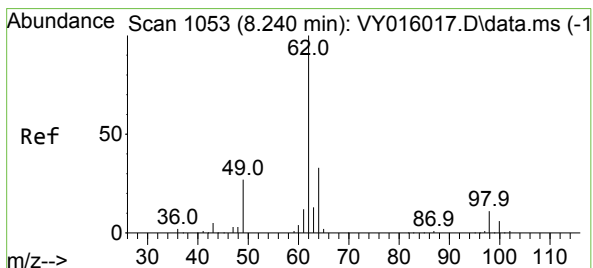
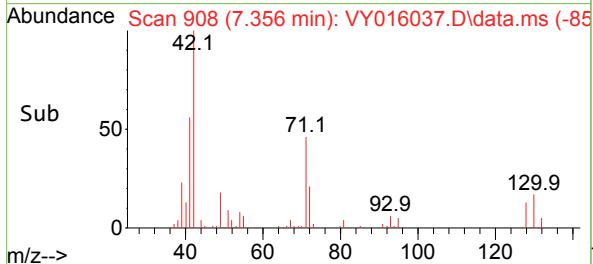
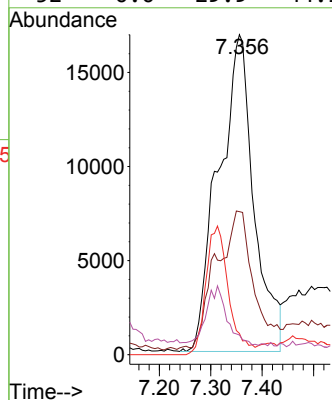
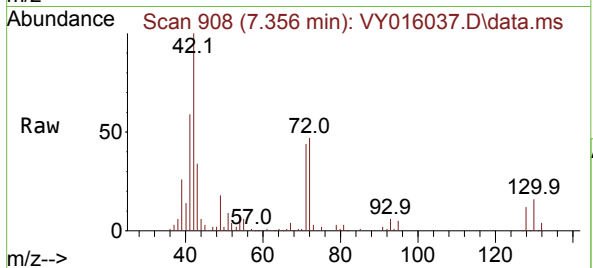




#41
Methacrylonitrile
Concen: 69.302 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.036 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

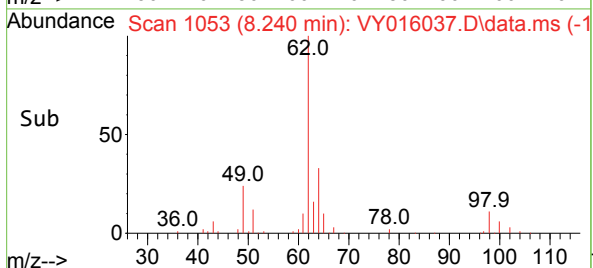
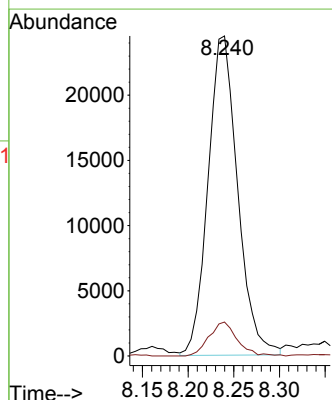
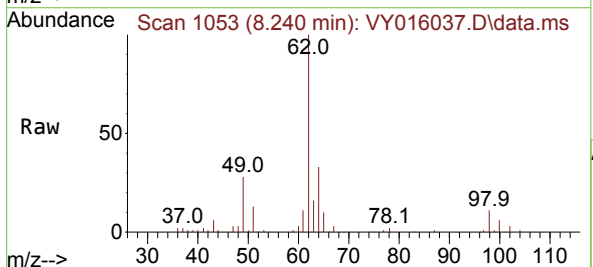
Instrument :
MSVOA_Y
ClientSampleId :

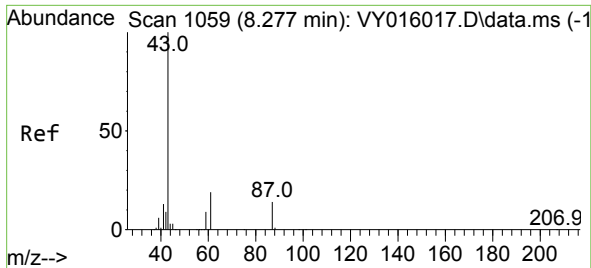
Tgt Ion: 41 Resp: 80468
Ion Ratio Lower Upper
41 100
39 25.3 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 19.580 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

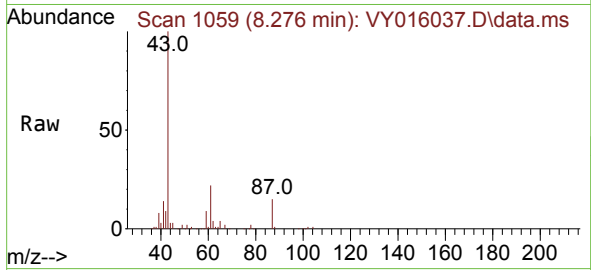
Tgt Ion: 62 Resp: 55197
Ion Ratio Lower Upper
62 100
98 10.1 0.0 15.8



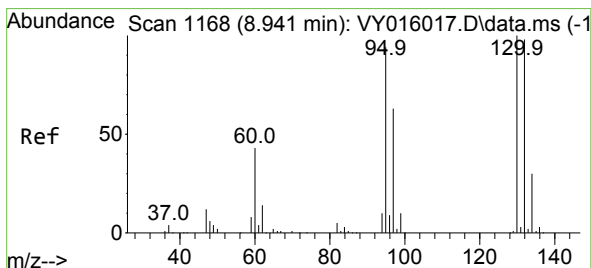
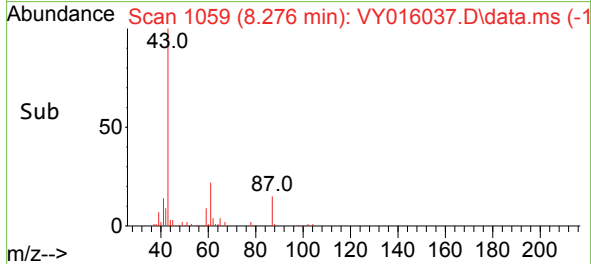
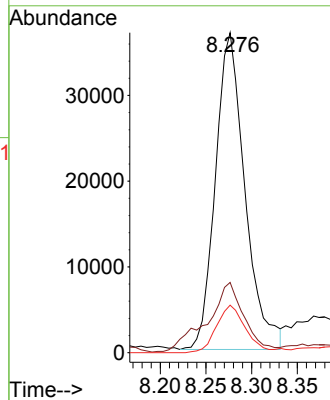


#43
Isopropyl Acetate
Concen: 21.270 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

Instrument :
MSVOA_Y
ClientSampleId :

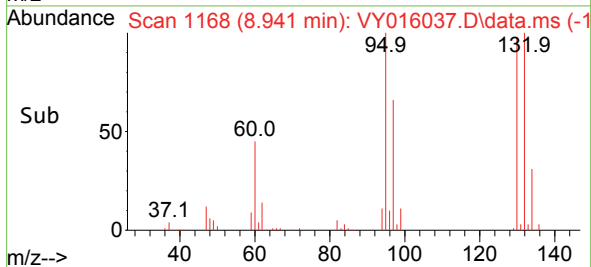
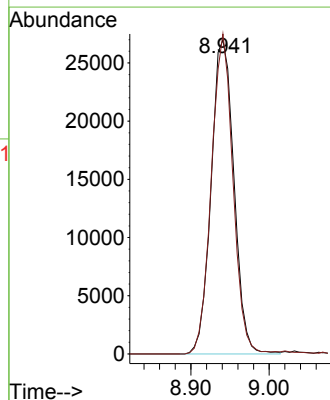
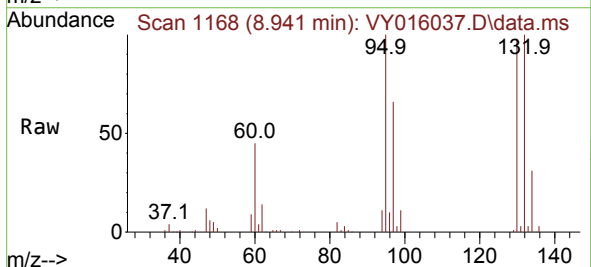


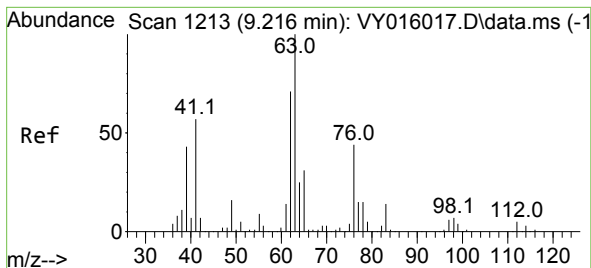
Tgt Ion: 43 Resp: 83238
Ion Ratio Lower Upper
43 100
61 27.3 21.1 31.7
87 14.7 9.8 14.8



#44
Trichloroethene
Concen: 22.214 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

Tgt Ion:130 Resp: 54509
Ion Ratio Lower Upper
130 100
95 101.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.521 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

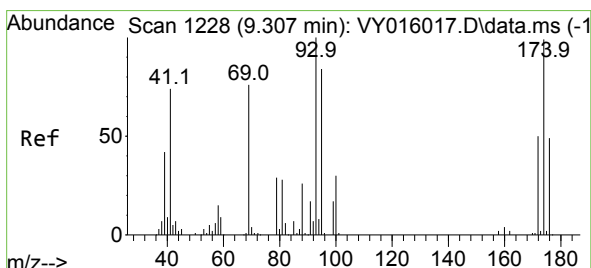
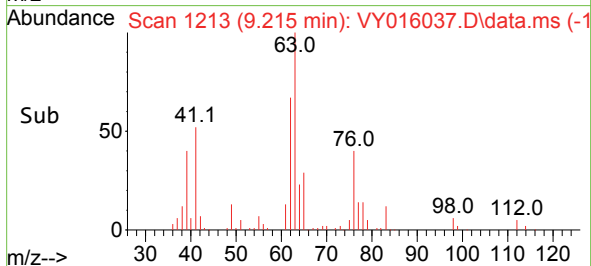
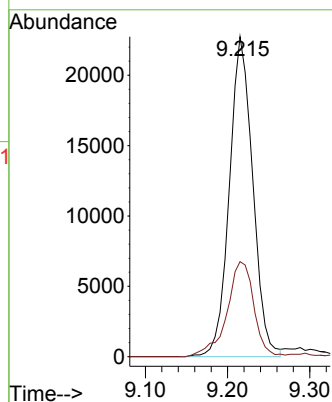
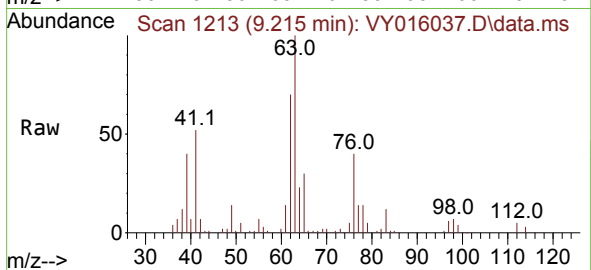
ClientSampleId :

Tgt Ion: 63 Resp: 44945

Ion Ratio Lower Upper

63 100

65 29.7 23.8 35.6



#46

Dibromomethane

Concen: 20.644 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

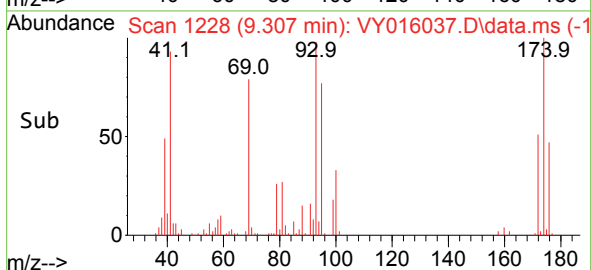
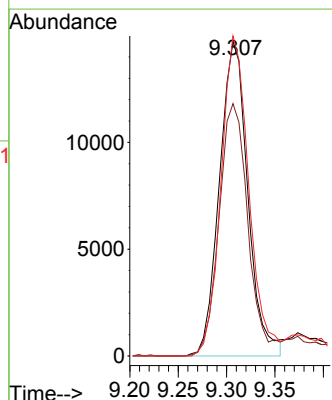
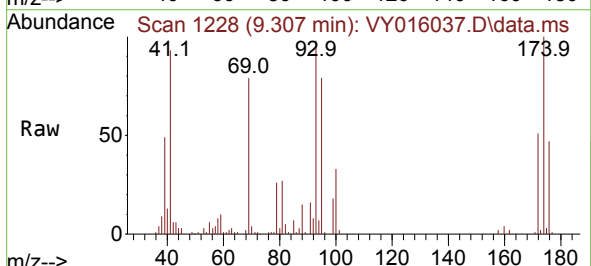
Tgt Ion: 93 Resp: 30018

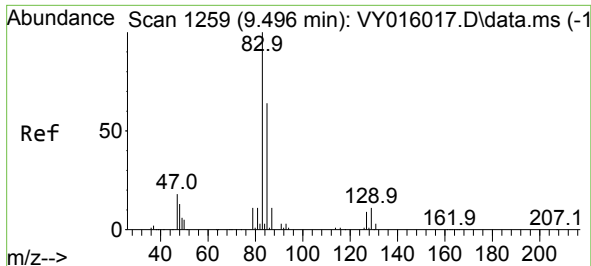
Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

174 100.2 84.8 127.2

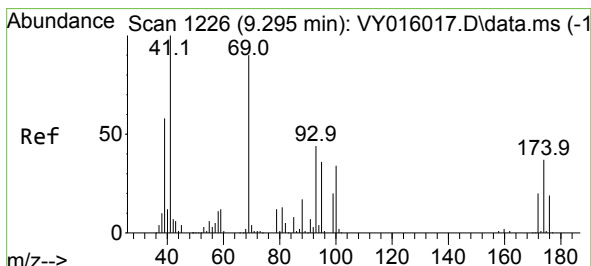
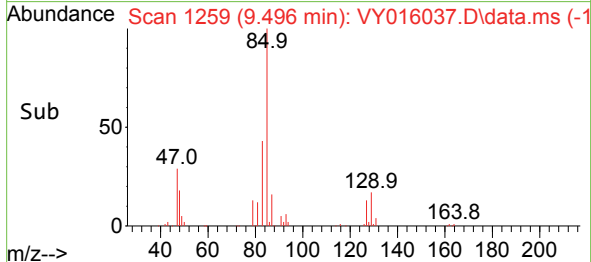
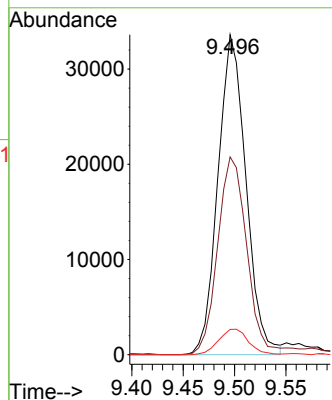
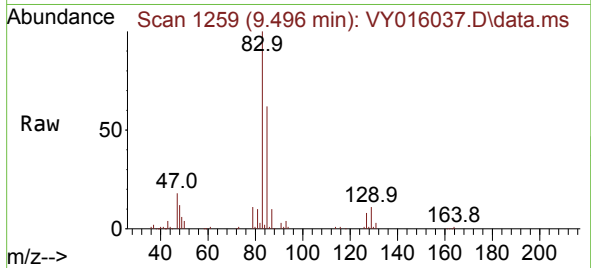




#47
Bromodichloromethane
Concen: 19.982 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

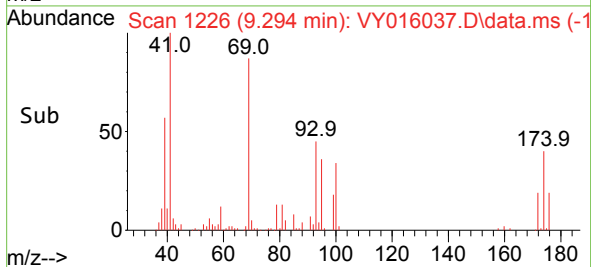
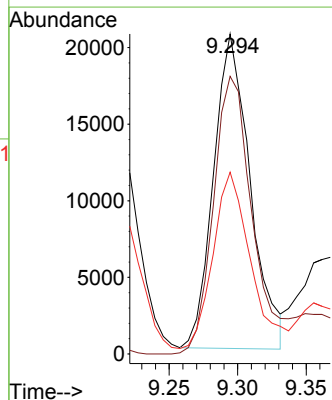
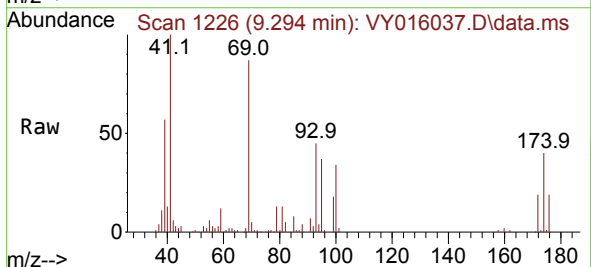
Instrument :
MSVOA_Y
ClientSampleId :

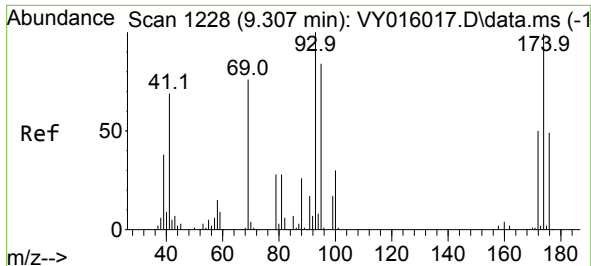
Tgt Ion: 83 Resp: 63679
Ion Ratio Lower Upper
83 100
85 61.8 50.1 75.1
127 7.9 7.1 10.7



#48
Methyl methacrylate
Concen: 21.488 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. -0.001 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

Tgt Ion: 41 Resp: 38276
Ion Ratio Lower Upper
41 100
69 94.3 64.5 96.7
39 57.7 50.8 76.2





#49

1,4-Dioxane

Concen: 600.303 ug/l

RT: 9.337 min Scan# 11

Delta R.T. 0.030 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

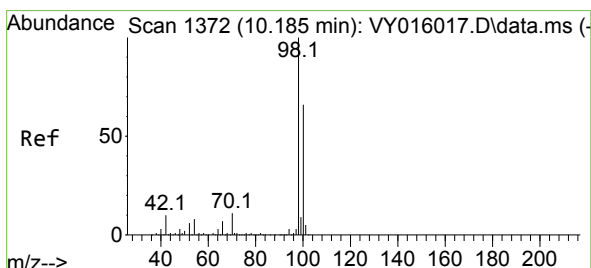
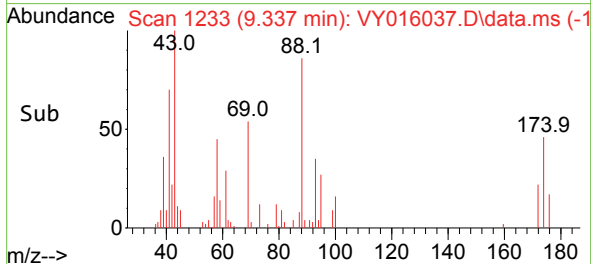
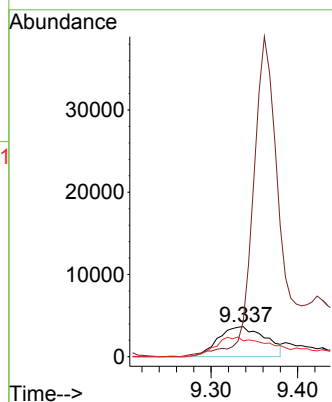
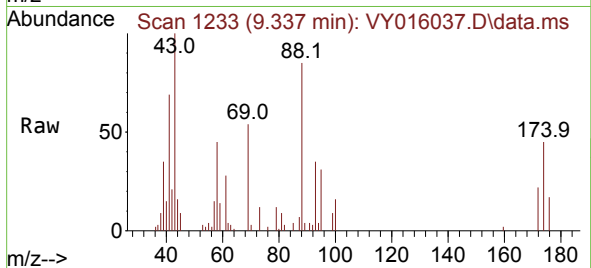
Tgt Ion: 88 Resp: 13899

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 74.0 30.9 46.3#



#50

Toluene-d8

Concen: 48.894 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.007 min

Lab File: VY016037.D

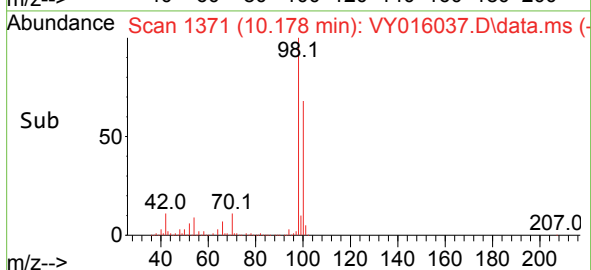
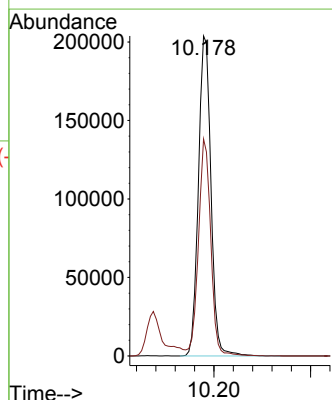
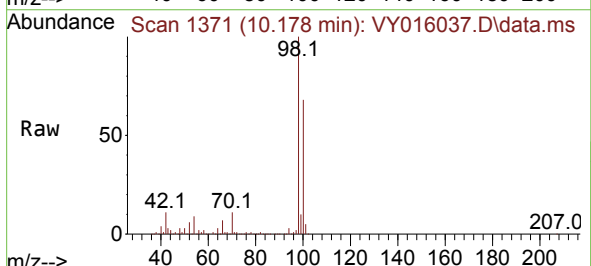
Acq: 19 Oct 2023 14:48

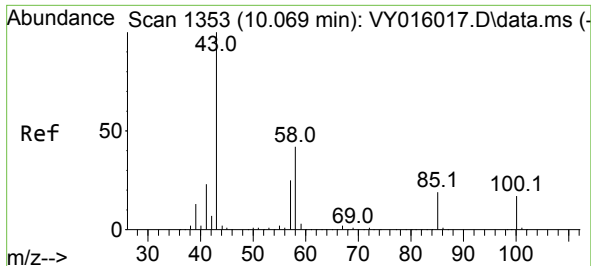
Tgt Ion: 98 Resp: 366504

Ion Ratio Lower Upper

98 100

100 66.4 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 176.342 ug/l

RT: 10.075 min Scan# 1353

Delta R.T. 0.006 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

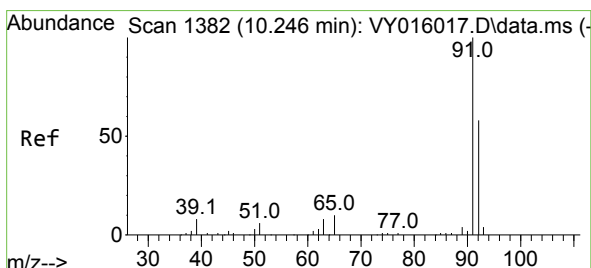
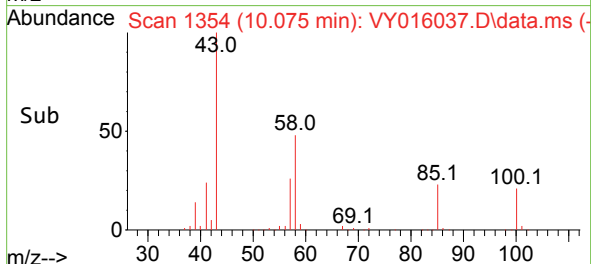
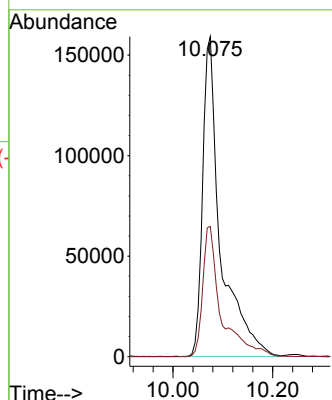
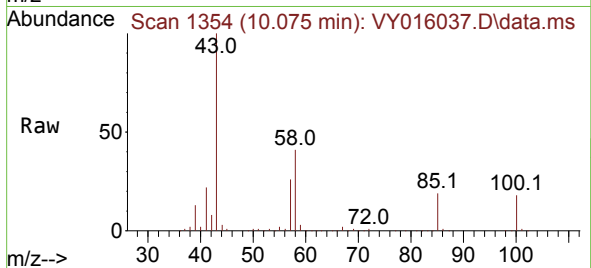
ClientSampleId :

Tgt Ion: 43 Resp: 396840

Ion Ratio Lower Upper

43 100

58 41.7 29.0 43.6



#52

Toluene

Concen: 20.667 ug/l

RT: 10.245 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY016037.D

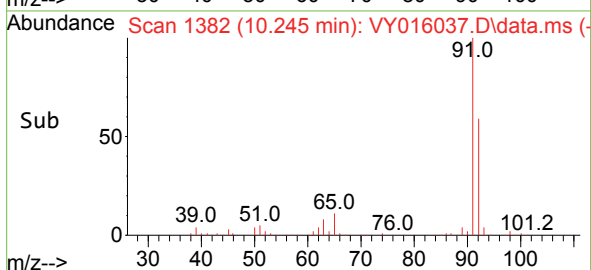
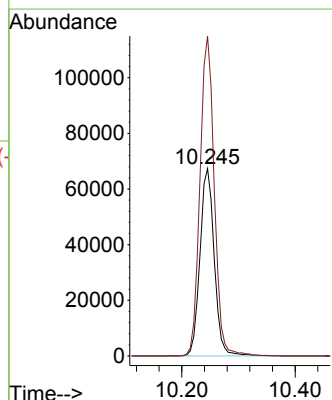
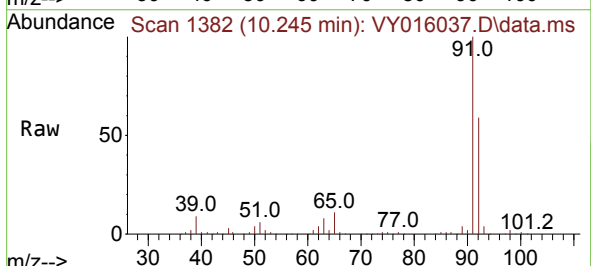
Acq: 19 Oct 2023 14:48

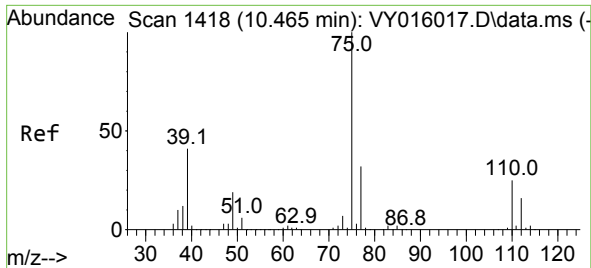
Tgt Ion: 92 Resp: 117314

Ion Ratio Lower Upper

92 100

91 171.6 143.8 215.6

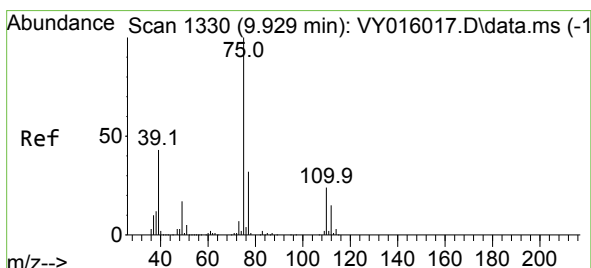
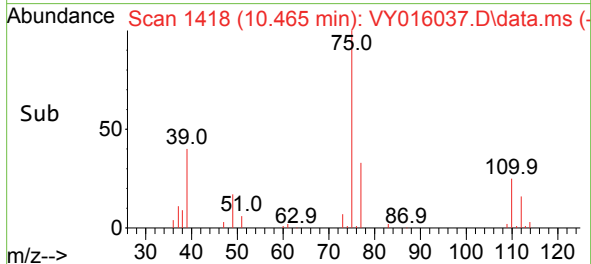
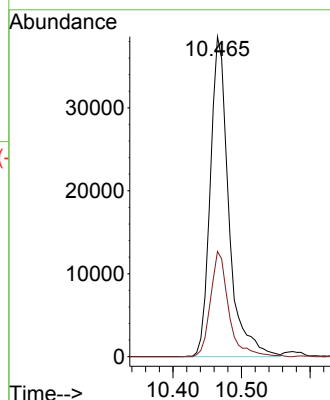
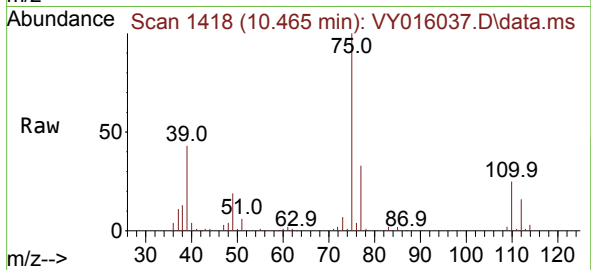




#53
t-1,3-Dichloropropene
Concen: 20.930 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

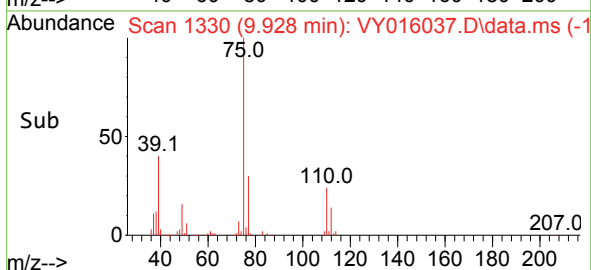
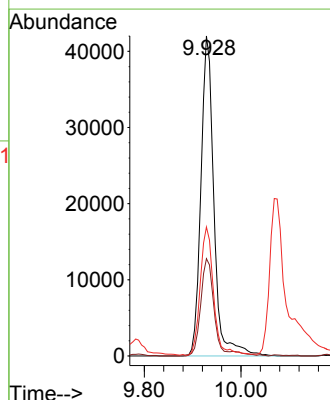
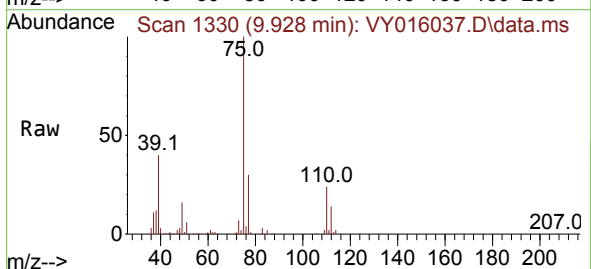
Instrument :
MSVOA_Y
ClientSampleId :

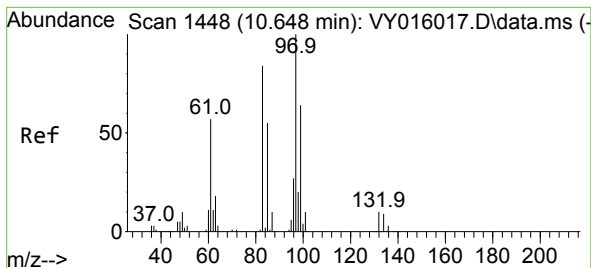
Tgt Ion: 75 Resp: 72258
Ion Ratio Lower Upper
75 100
77 32.9 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 20.886 ug/l
RT: 9.928 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

Tgt Ion: 75 Resp: 78600
Ion Ratio Lower Upper
75 100
77 30.4 24.2 36.4
39 40.1 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 23.268 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 46480

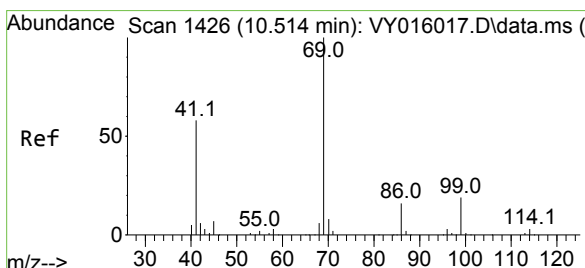
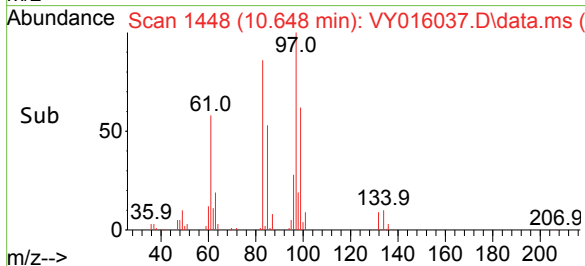
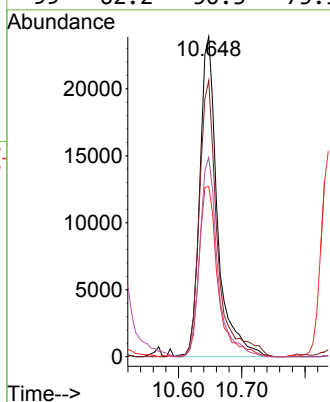
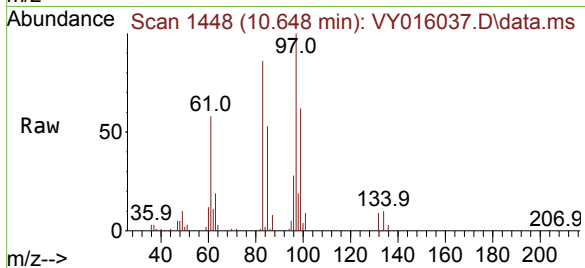
Ion Ratio Lower Upper

97 100

83 86.3 72.0 108.0

85 53.2 45.4 68.0

99 62.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 24.216 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

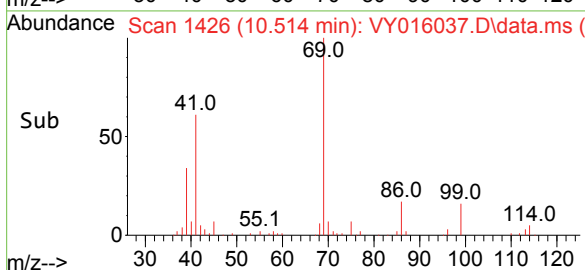
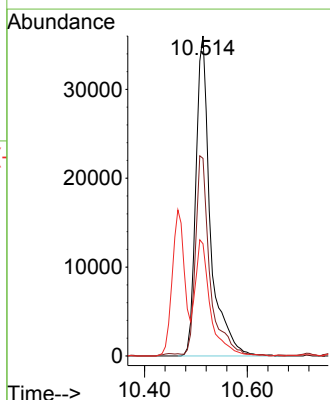
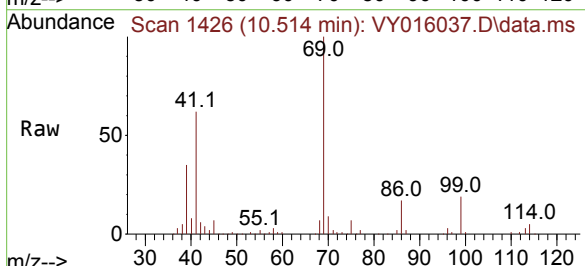
Tgt Ion: 69 Resp: 70697

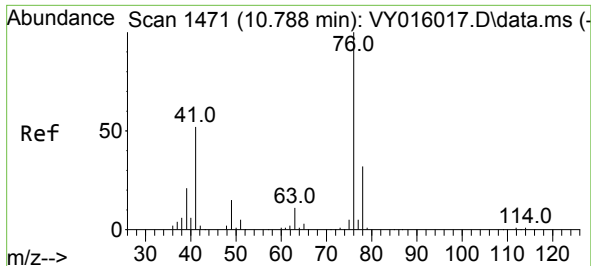
Ion Ratio Lower Upper

69 100

41 62.9 57.6 86.4

39 37.8 34.1 51.1

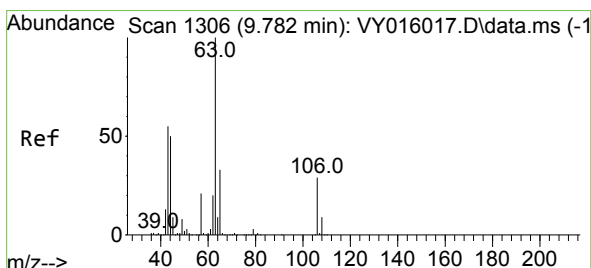
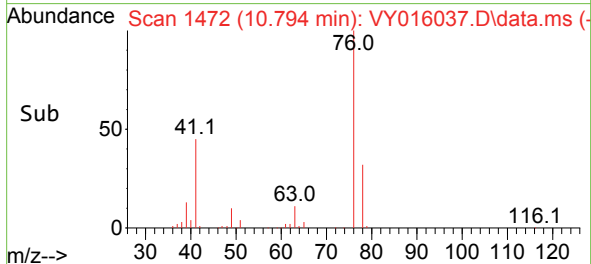
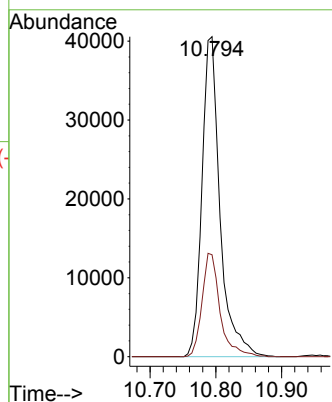
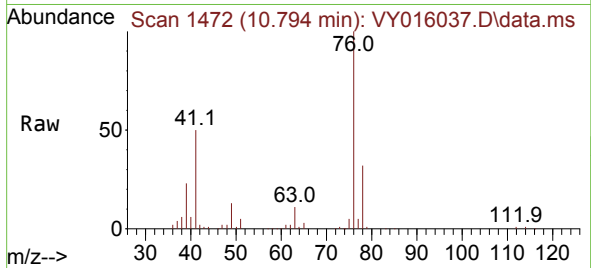




#57
1,3-Dichloropropane
Concen: 22.820 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

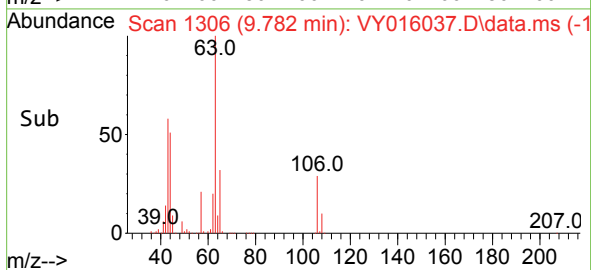
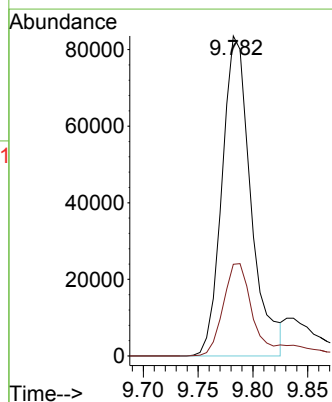
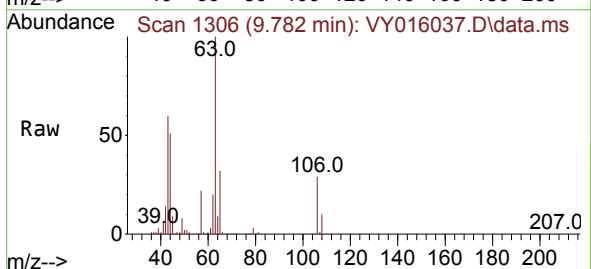
Instrument :
MSVOA_Y
ClientSampleId :

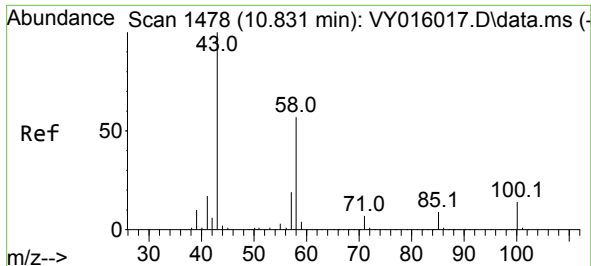
Tgt Ion: 76 Resp: 77335
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 109.330 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

Tgt Ion: 63 Resp: 153308
Ion Ratio Lower Upper
63 100
106 33.5 21.2 31.8#

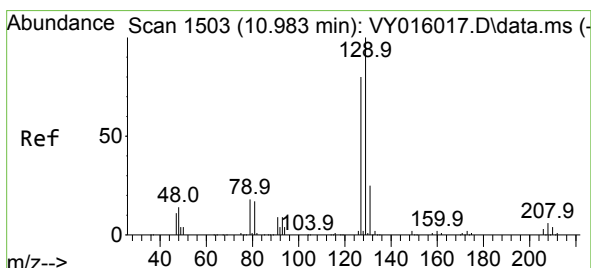
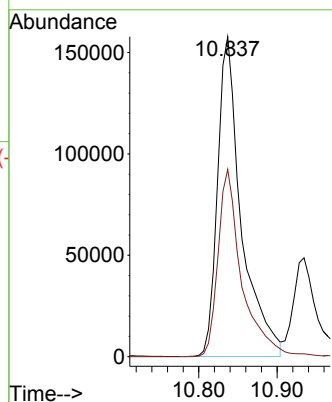
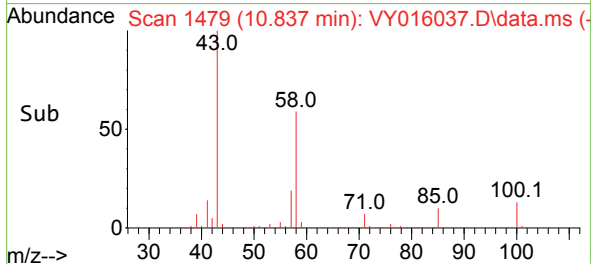
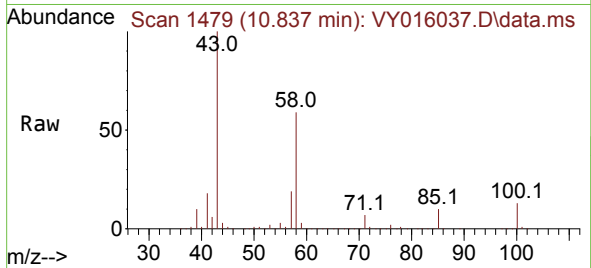




#59
2-Hexanone
Concen: 193.858 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

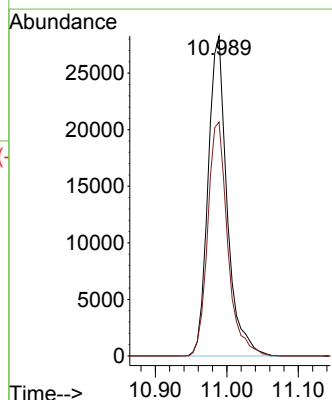
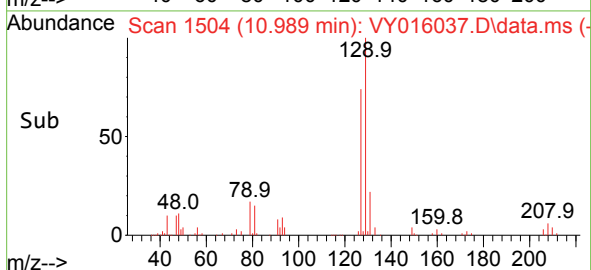
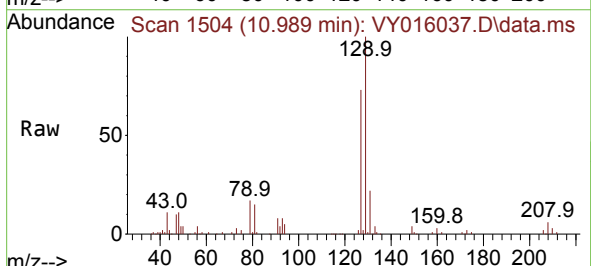
Instrument :
MSVOA_Y
ClientSampleId :

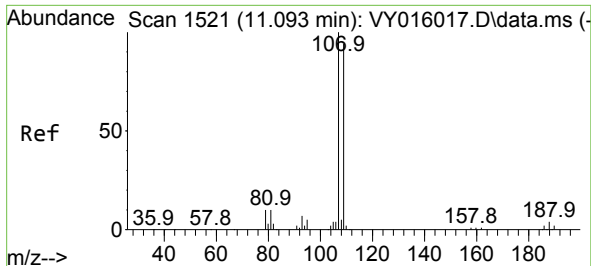
Tgt Ion: 43 Resp: 331915
Ion Ratio Lower Upper
43 100
58 59.1 25.1 75.3



#60
Dibromochloromethane
Concen: 21.632 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

Tgt Ion: 129 Resp: 52260
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5

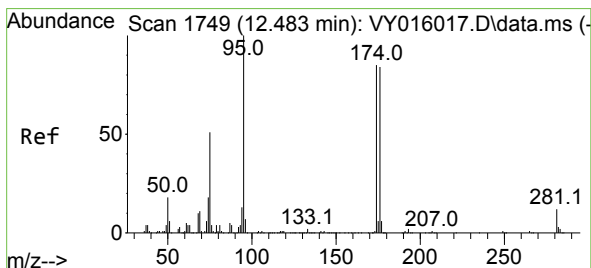
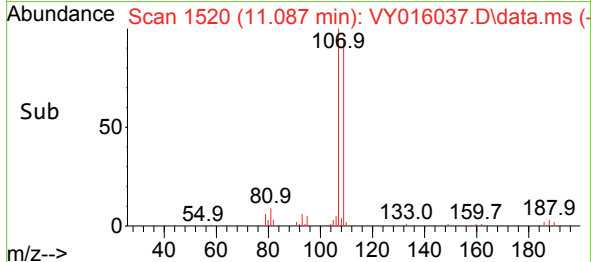
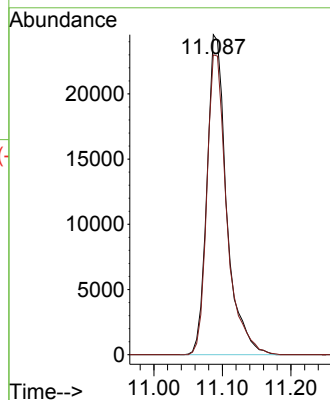
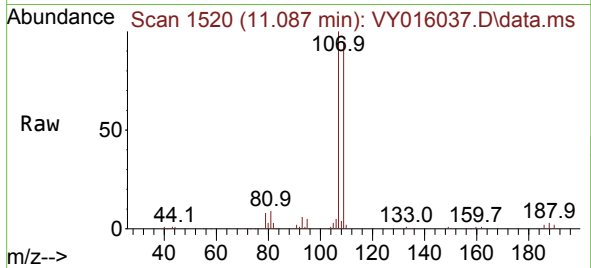




#61
1,2-Dibromoethane
Concen: 24.059 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

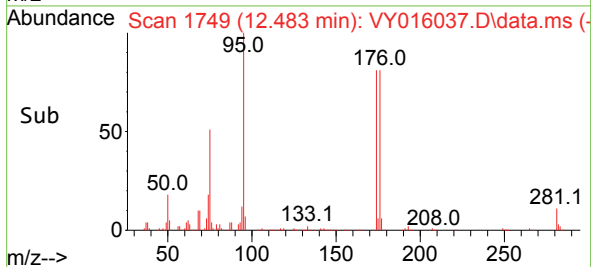
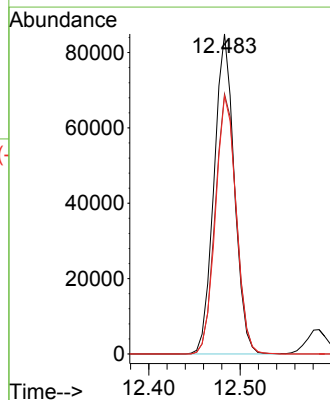
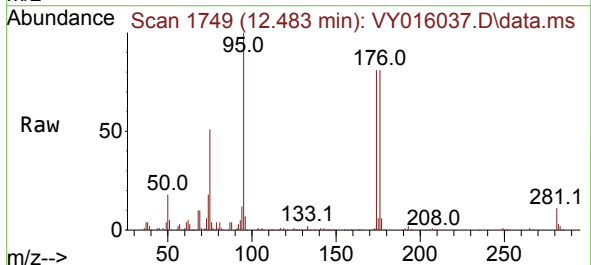
Instrument :
MSVOA_Y
ClientSampleId :

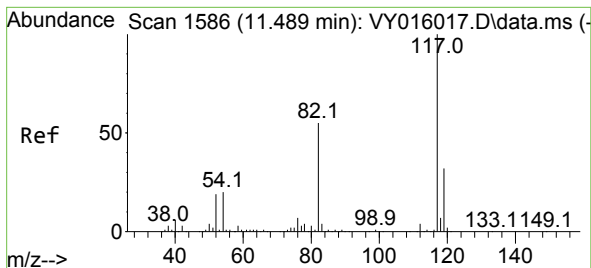
Tgt Ion:107 Resp: 48912
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.881 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

Tgt Ion: 95 Resp: 130740
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 82.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

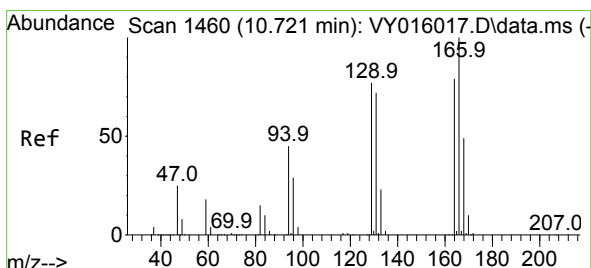
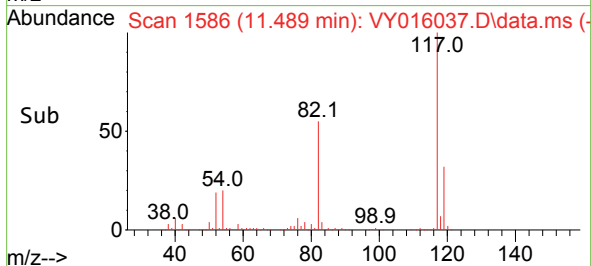
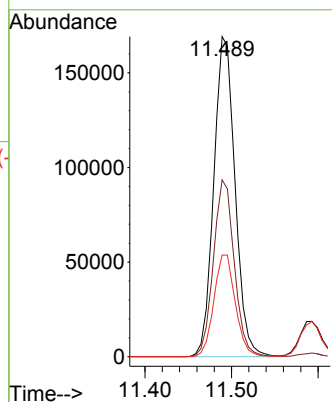
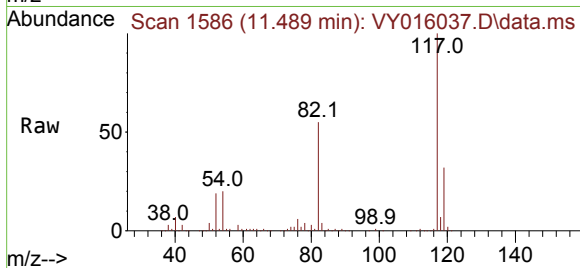
Tgt Ion:117 Resp: 288717

Ion Ratio Lower Upper

117 100

82 55.3 43.4 65.0

119 31.7 26.3 39.5



#64

Tetrachloroethene

Concen: 23.452 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Tgt Ion:164 Resp: 52503

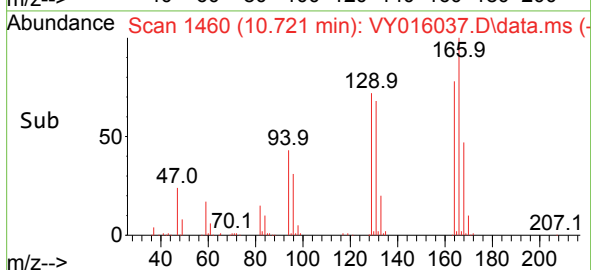
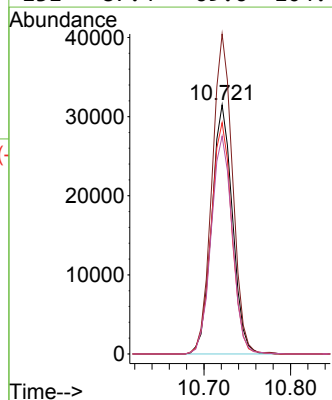
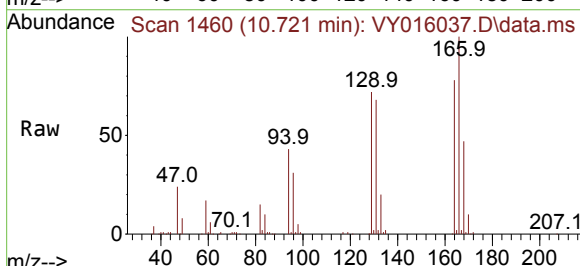
Ion Ratio Lower Upper

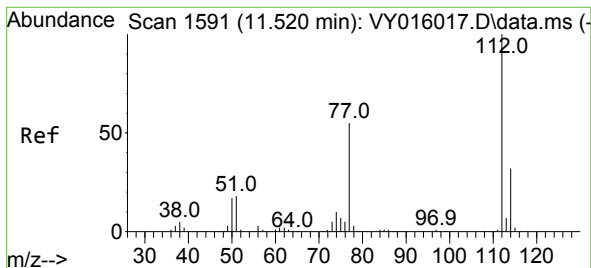
164 100

166 128.4 103.0 154.6

129 92.8 77.2 115.8

131 87.4 69.6 104.4





#65

Chlorobenzene

Concen: 20.341 ug/l

RT: 11.520 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

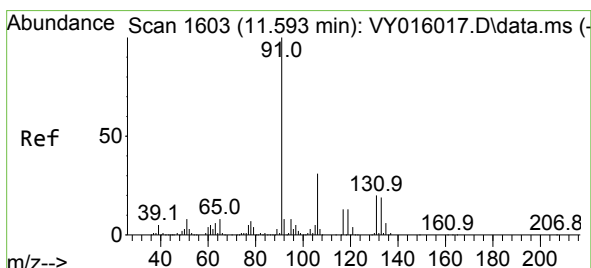
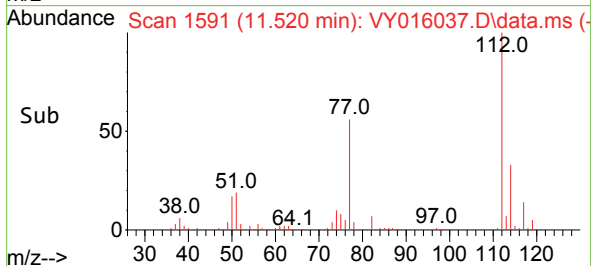
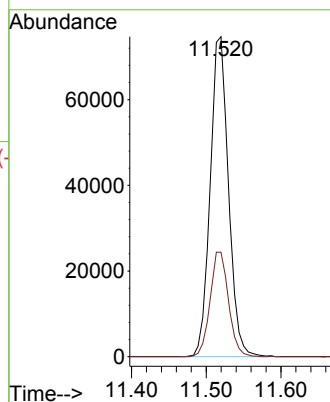
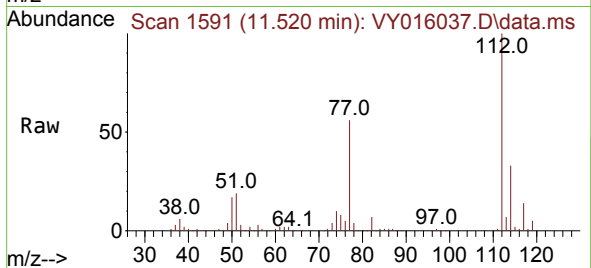
ClientSampleId :

Tgt Ion:112 Resp: 127184

Ion Ratio Lower Upper

112 100

114 32.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.420 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

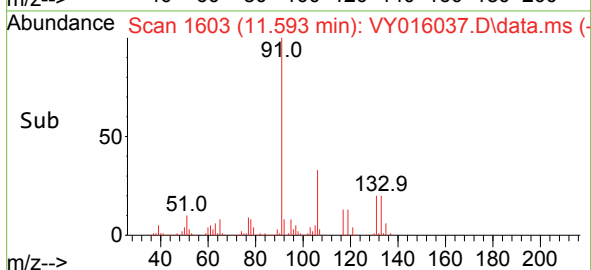
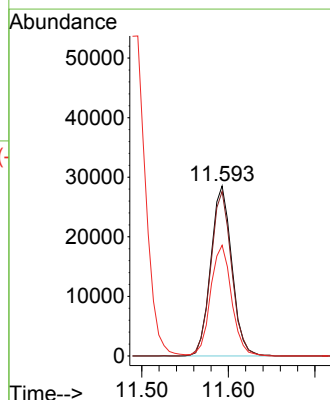
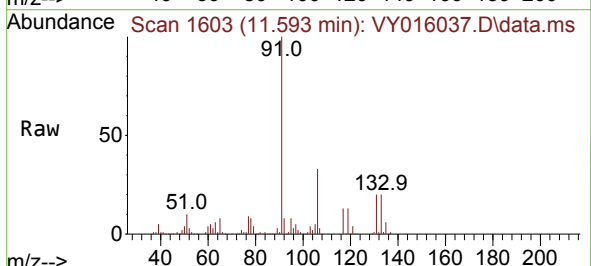
Tgt Ion:131 Resp: 48126

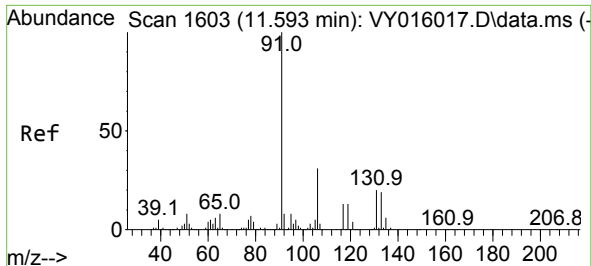
Ion Ratio Lower Upper

131 100

133 96.0 47.5 142.6

119 65.3 31.6 94.7





#67

Ethyl Benzene

Concen: 20.049 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

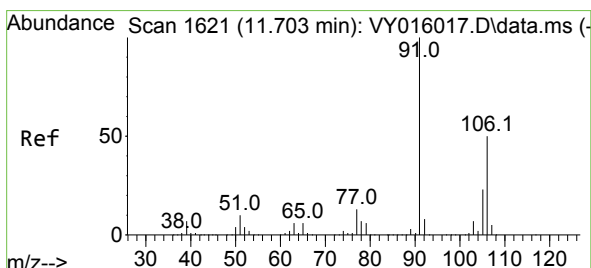
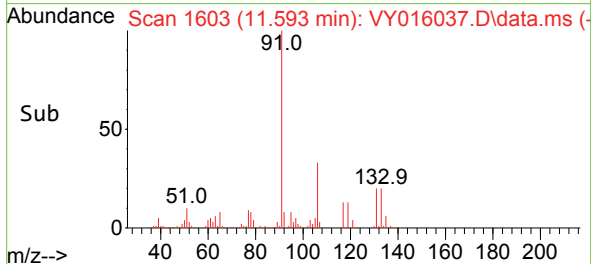
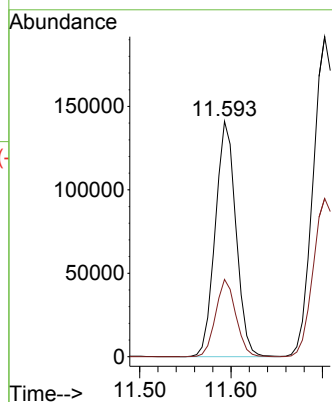
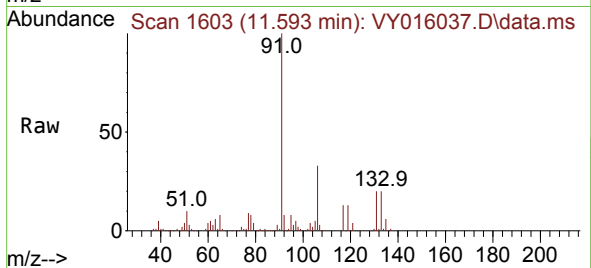
ClientSampleId :

Tgt Ion: 91 Resp: 221828

Ion Ratio Lower Upper

91 100

106 32.8 24.6 36.8



#68

m/p-Xylenes

Concen: 40.663 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY016037.D

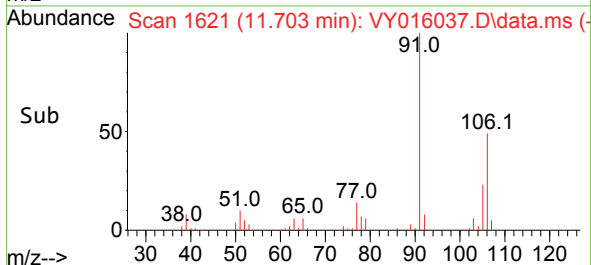
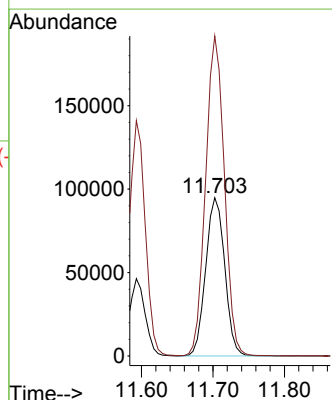
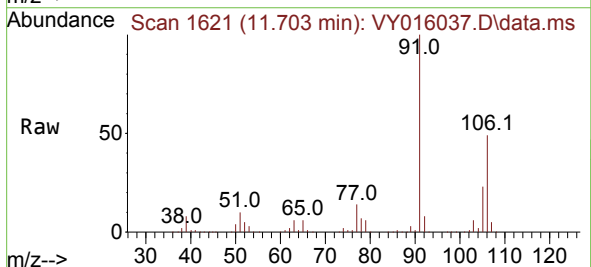
Acq: 19 Oct 2023 14:48

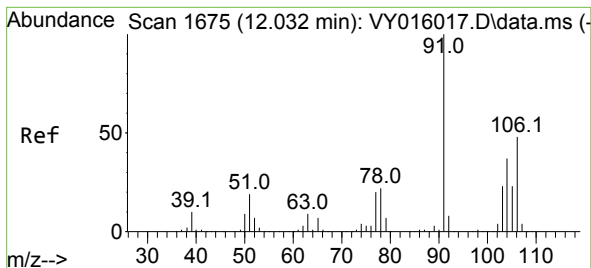
Tgt Ion:106 Resp: 175443

Ion Ratio Lower Upper

106 100

91 198.9 166.1 249.1





#69

o-Xylene

Concen: 20.303 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

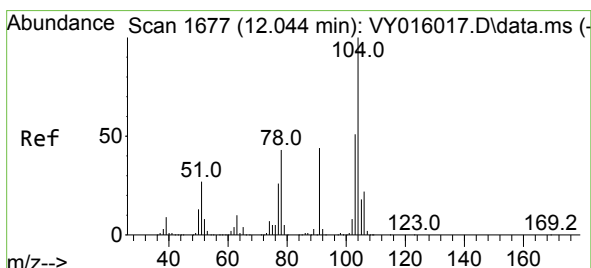
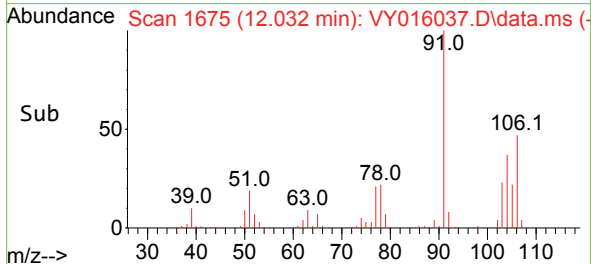
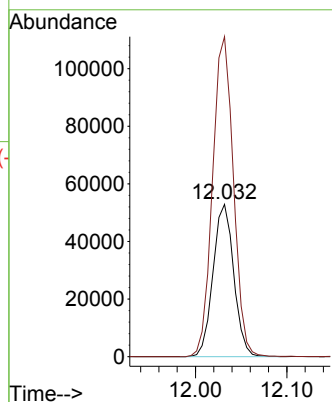
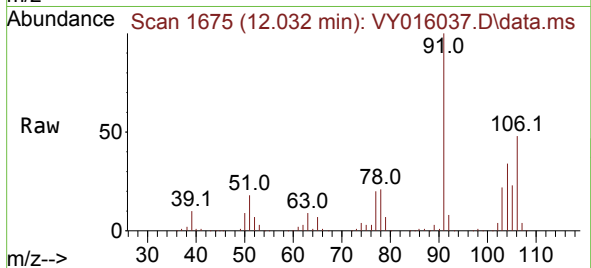
ClientSampleId :

Tgt Ion:106 Resp: 83334

Ion Ratio Lower Upper

106 100

91 211.5 108.1 324.3



#70

Styrene

Concen: 20.504 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

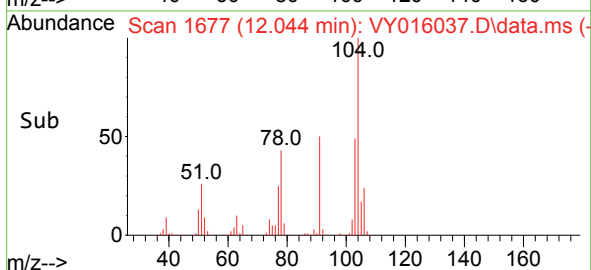
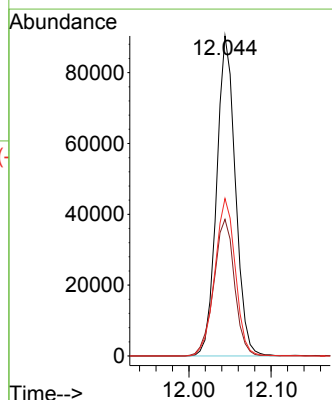
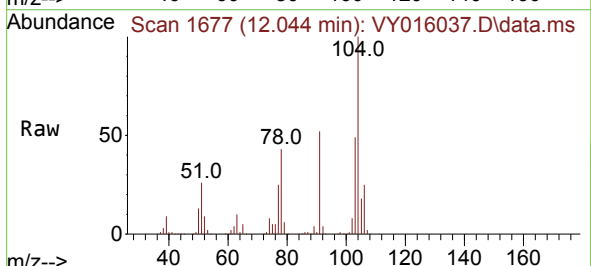
Tgt Ion:104 Resp: 143438

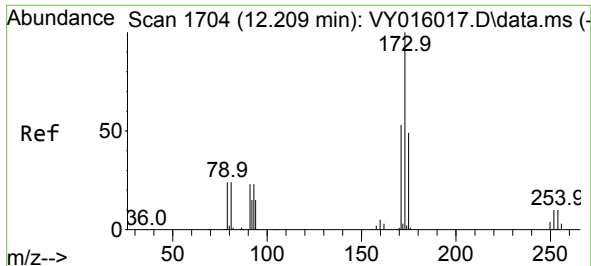
Ion Ratio Lower Upper

104 100

78 47.1 41.5 62.3

103 53.6 44.6 67.0

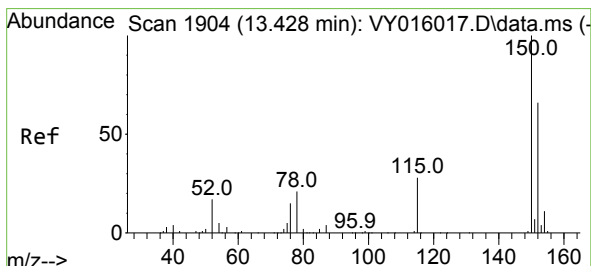
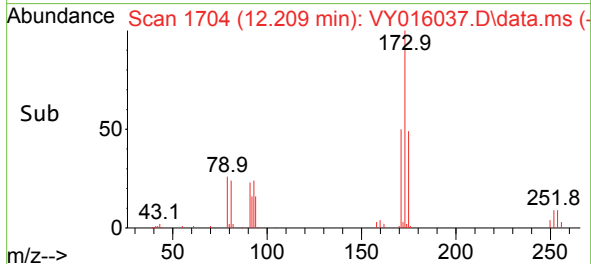
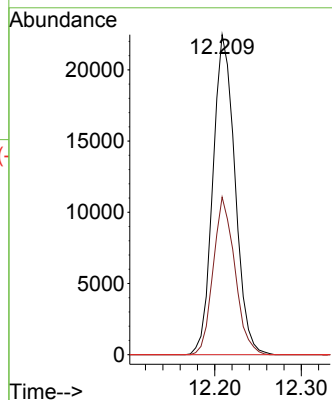
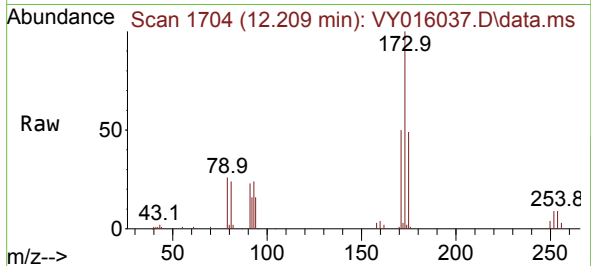




#71
Bromoform
Concen: 24.020 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

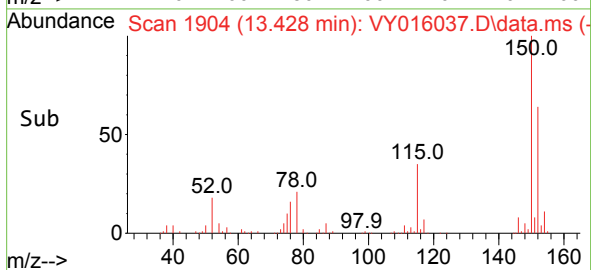
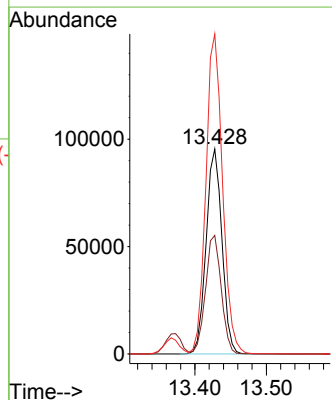
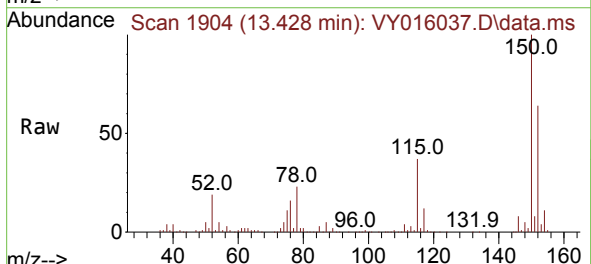
Instrument :
MSVOA_Y
ClientSampleId :

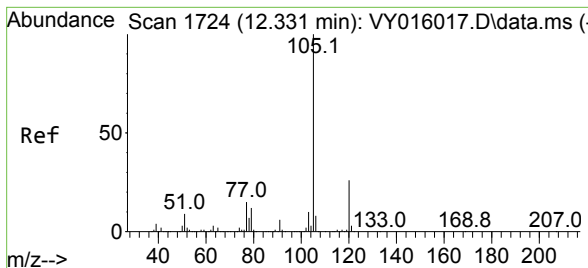
Tgt Ion:173 Resp: 39833
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

Tgt Ion:152 Resp: 146542
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 164.2 0.0 348.8





#73

Isopropylbenzene

Concen: 20.010 ug/l

RT: 12.330 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

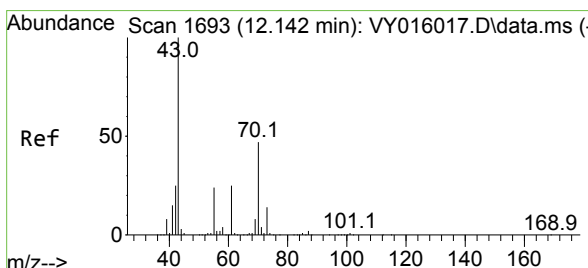
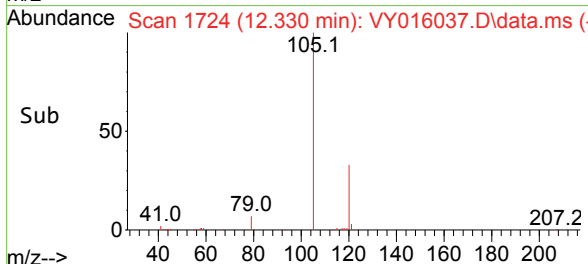
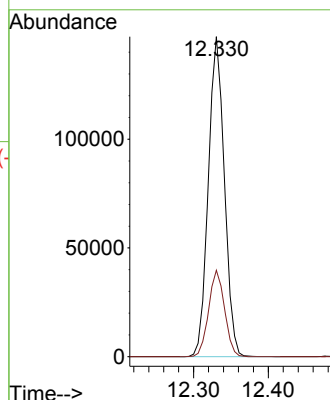
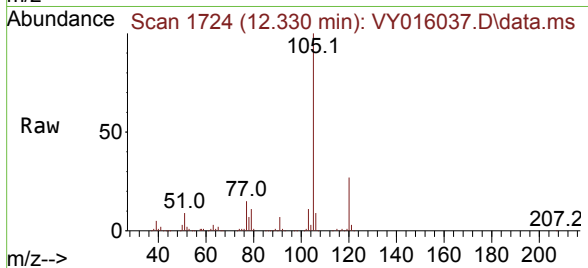
ClientSampleId :

Tgt Ion:105 Resp: 219347

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 25.360 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Tgt Ion: 43 Resp: 87806

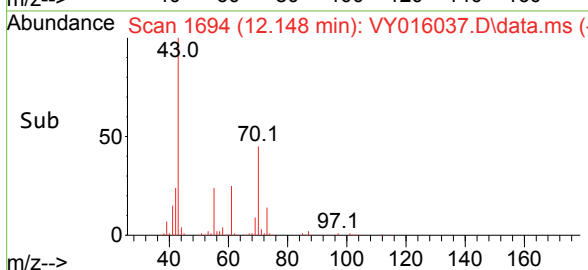
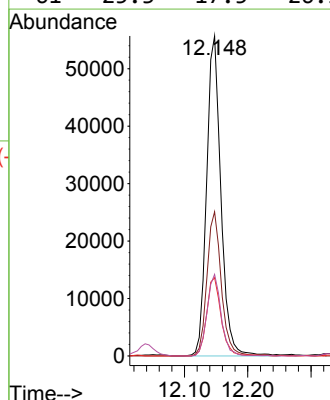
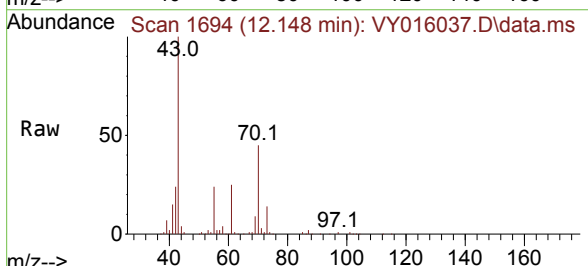
Ion Ratio Lower Upper

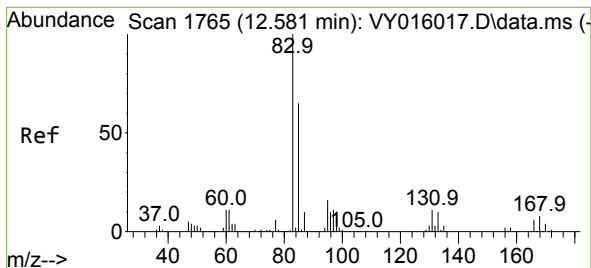
43 100

70 45.0 29.7 44.5#

55 24.6 18.3 27.5

61 25.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 23.537 ug/l

RT: 12.586 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

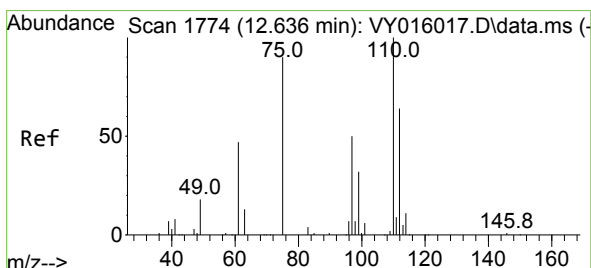
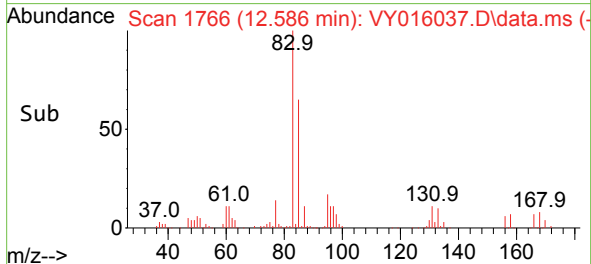
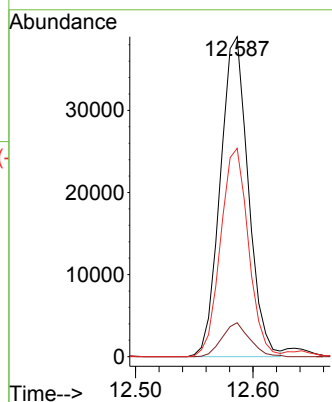
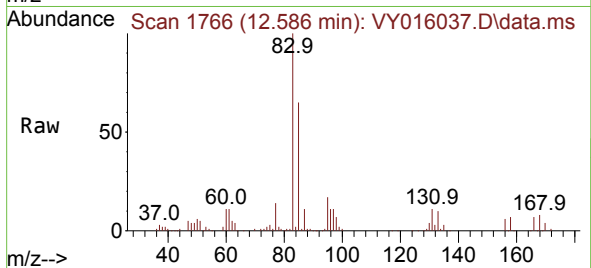
Tgt Ion: 83 Resp: 64620

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 64.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 46.299 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY016037.D

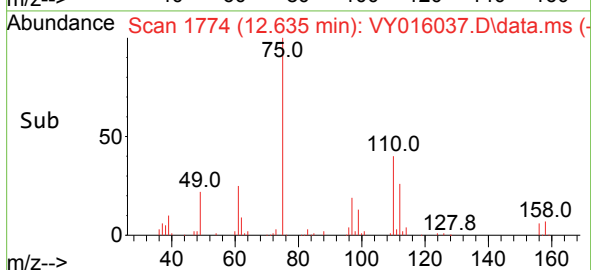
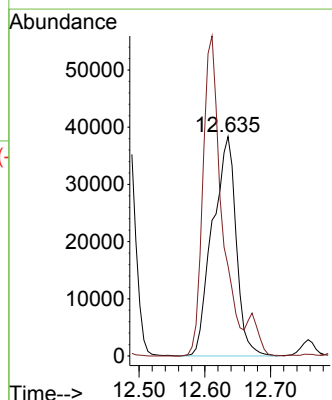
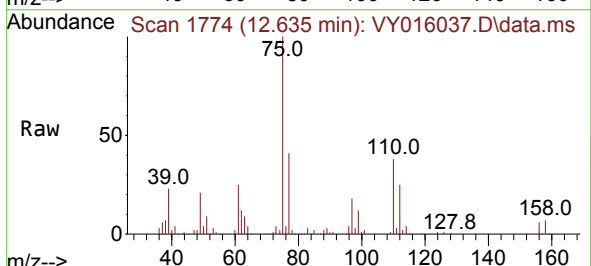
Acq: 19 Oct 2023 14:48

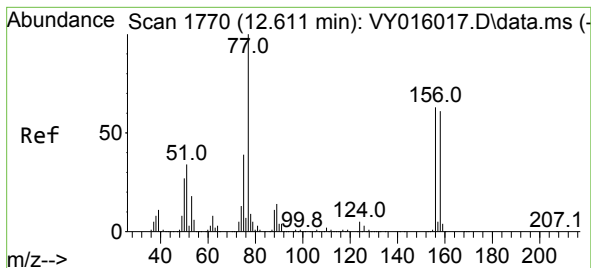
Tgt Ion: 75 Resp: 96065

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.422 ug/l

RT: 12.611 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016037.D

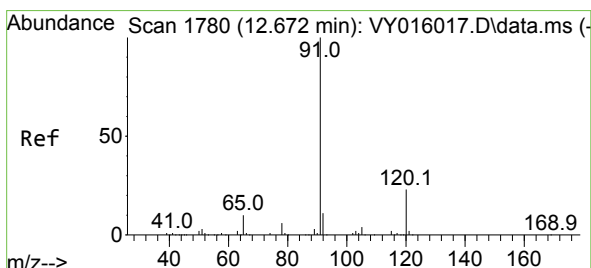
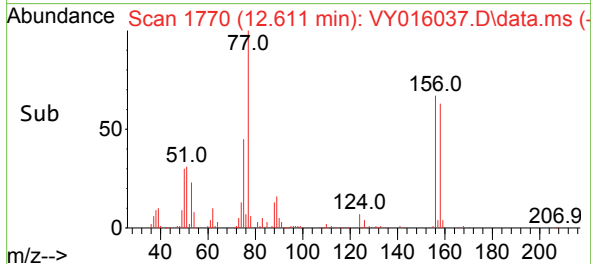
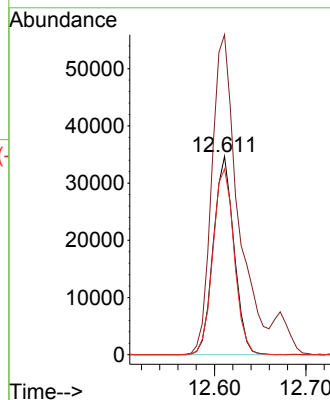
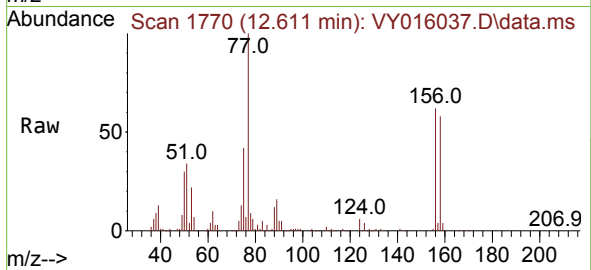
Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	54337
Ion Ratio	Lower	Upper	
156	100		
77	205.4	92.8	278.6
158	96.9	48.4	145.3



#78

n-propylbenzene

Concen: 20.151 ug/l

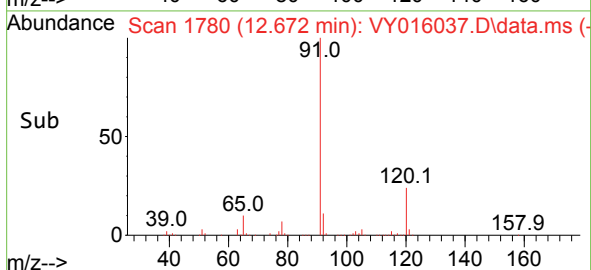
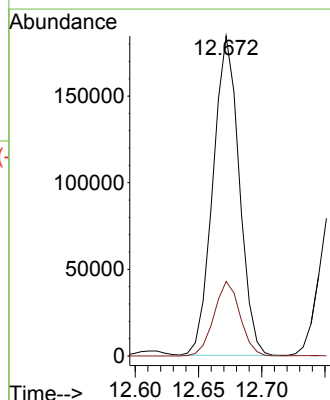
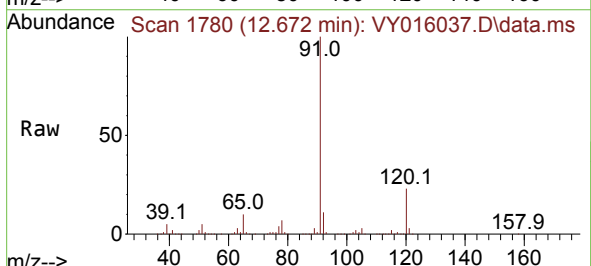
RT: 12.672 min Scan# 1780

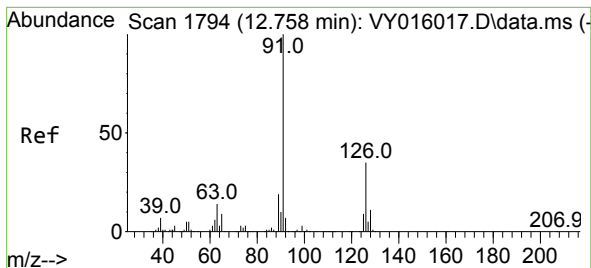
Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Tgt Ion:	91	Resp:	266057
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4

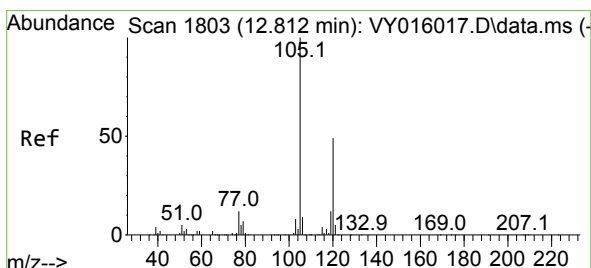
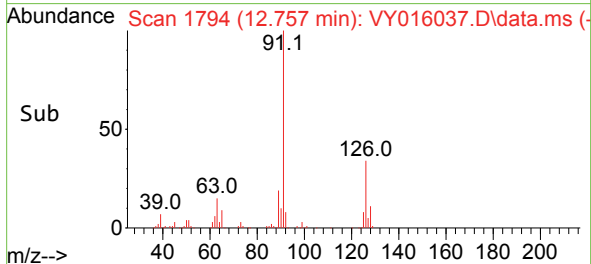
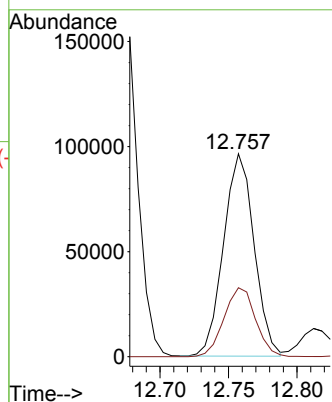
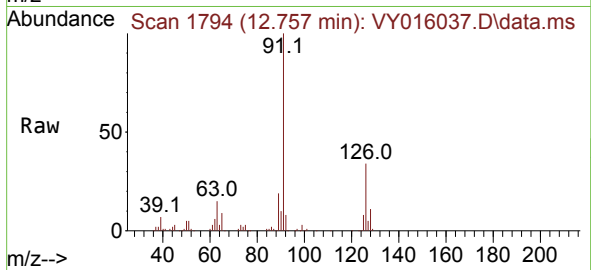




#79
2-Chlorotoluene
Concen: 20.205 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

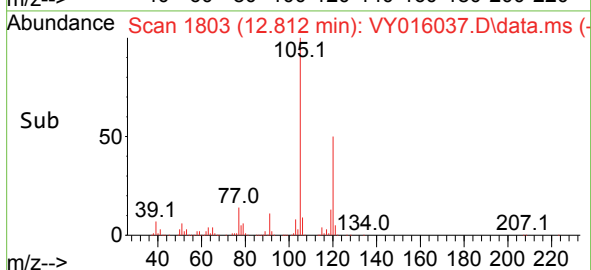
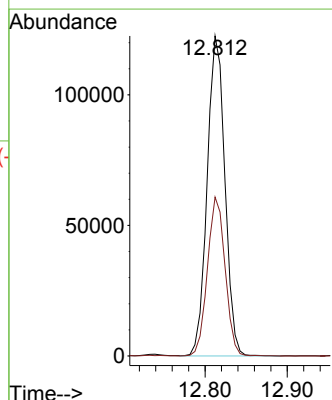
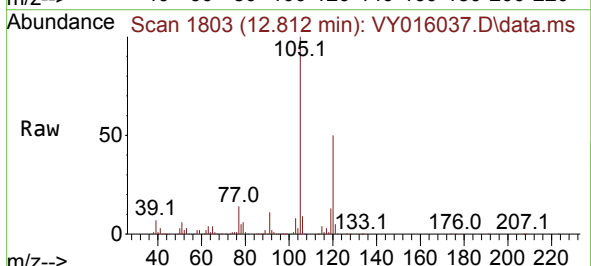
Instrument :
MSVOA_Y
ClientSampleId :

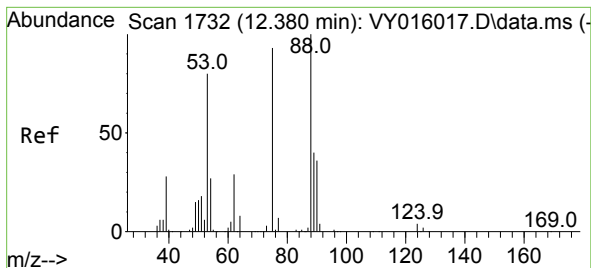
Tgt Ion: 91 Resp: 149743
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.231 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

Tgt Ion:105 Resp: 183687
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7

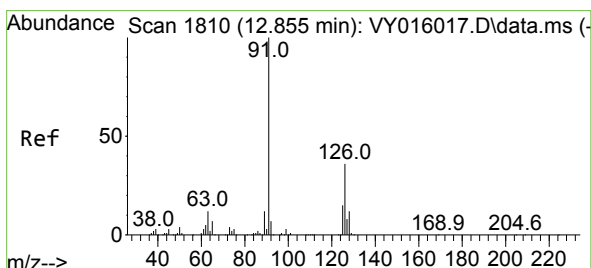
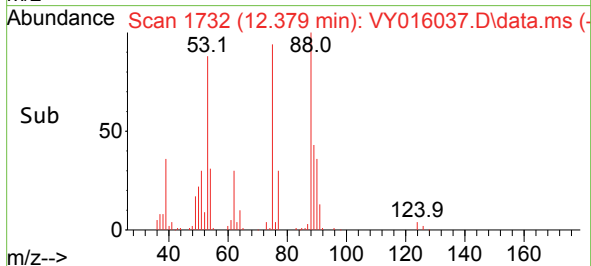
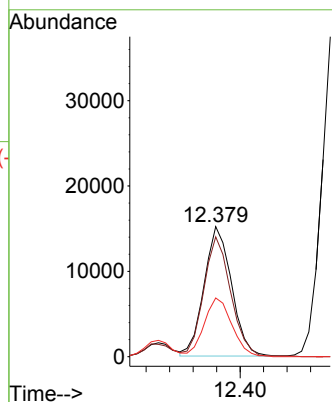
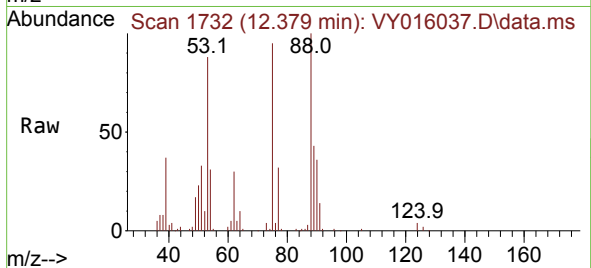




#81
trans-1,4-Dichloro-2-butene
Concen: 25.907 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

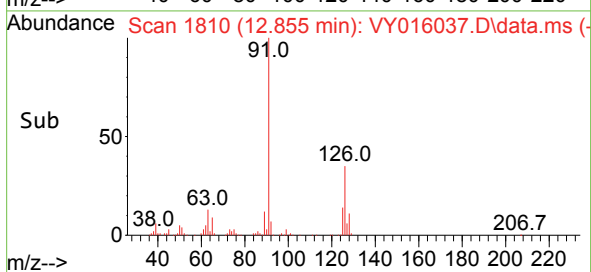
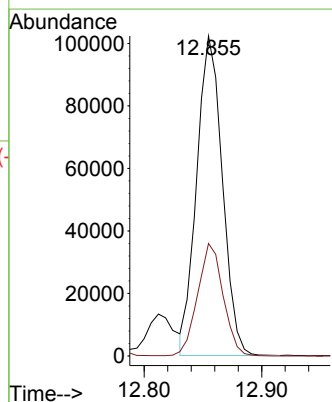
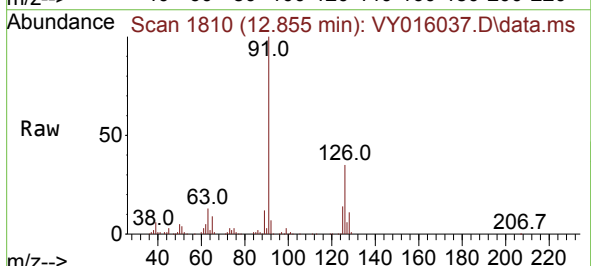
Instrument :
MSVOA_Y
ClientSampleId :

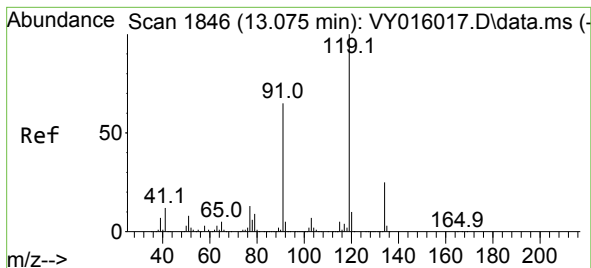
Tgt Ion: 75 Resp: 24625
Ion Ratio Lower Upper
75 100
53 91.9 77.8 116.8
89 45.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.048 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

Tgt Ion: 91 Resp: 155065
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.782 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

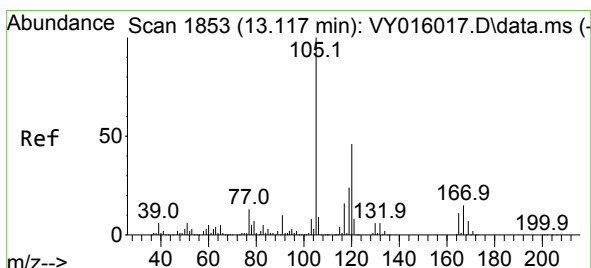
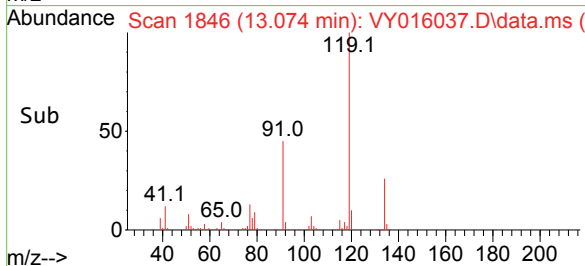
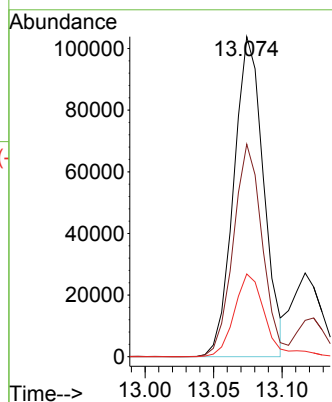
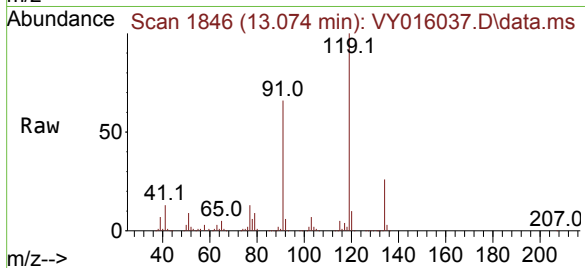
Tgt Ion:119 Resp: 157500

Ion Ratio Lower Upper

119 100

91 65.1 32.9 98.6

134 27.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.398 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY016037.D

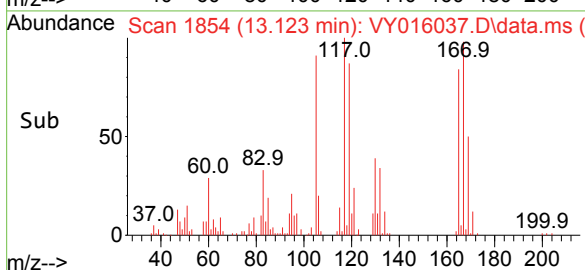
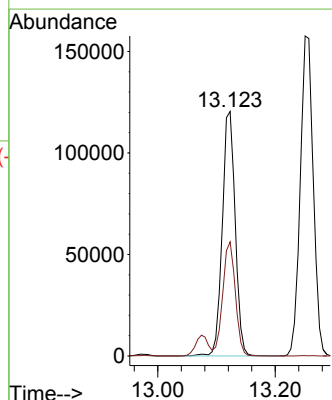
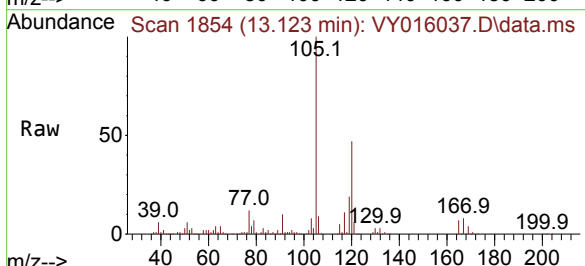
Acq: 19 Oct 2023 14:48

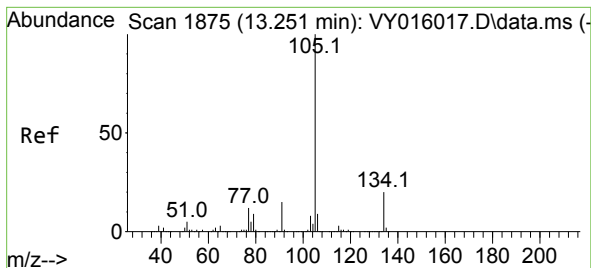
Tgt Ion:105 Resp: 183916

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.317 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

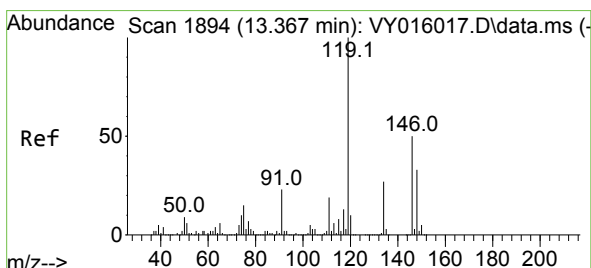
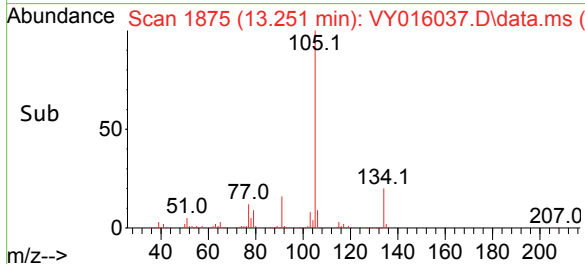
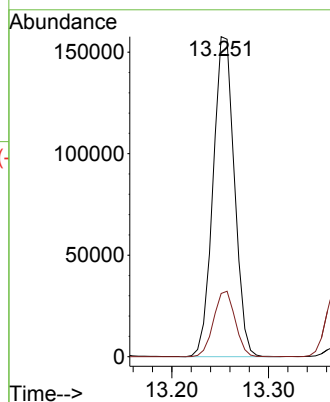
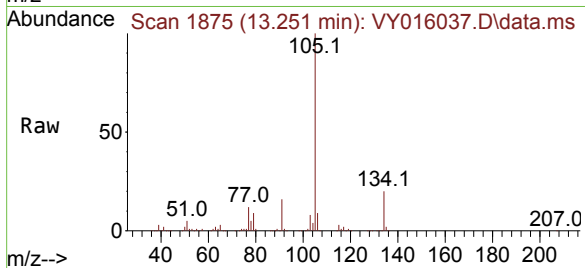
ClientSampleId :

Tgt Ion:105 Resp: 241591

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.184 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

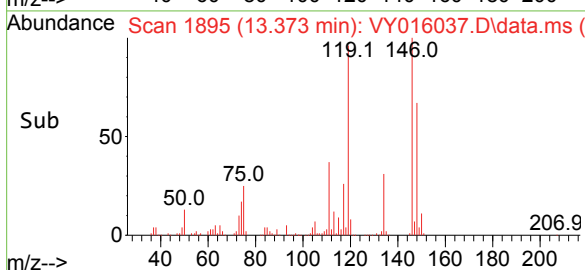
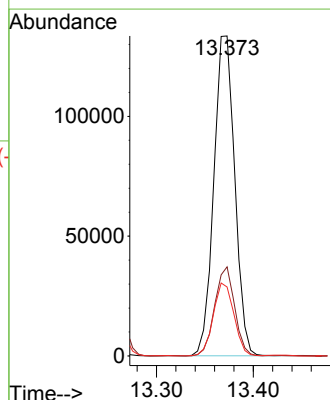
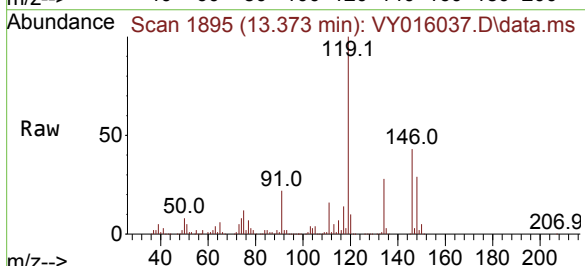
Tgt Ion:119 Resp: 200568

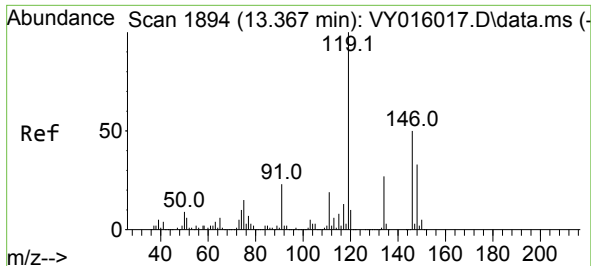
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 22.4 12.4 37.4

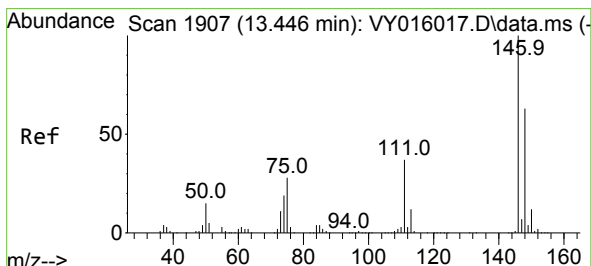
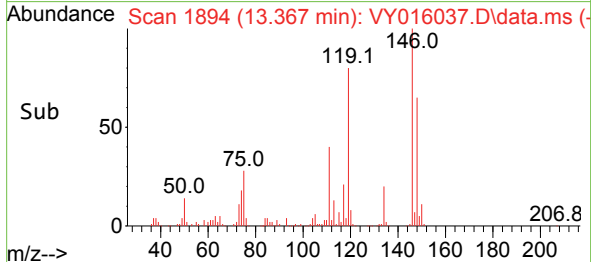
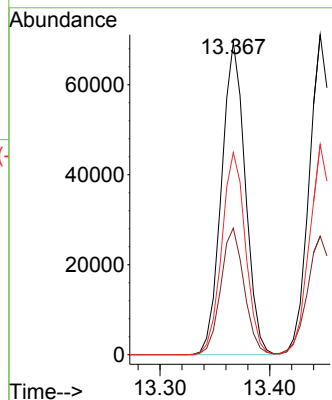
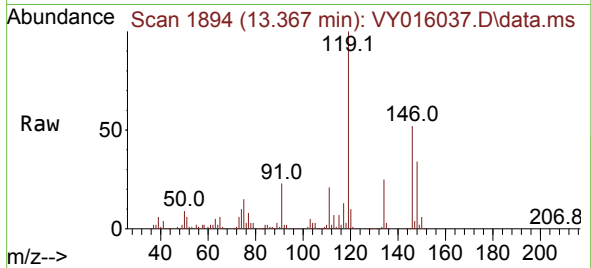




#87
1,3-Dichlorobenzene
Concen: 20.197 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

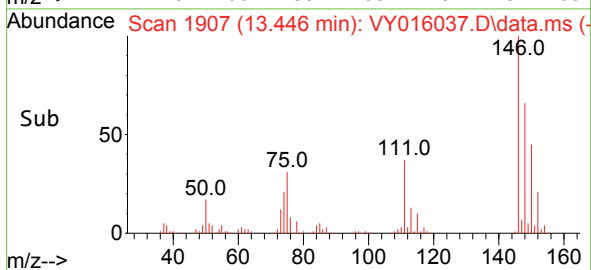
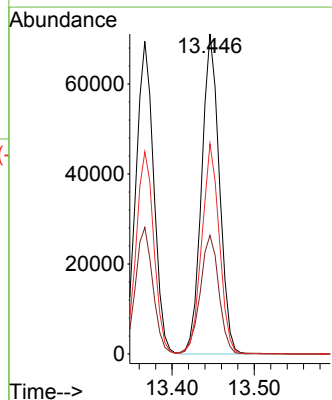
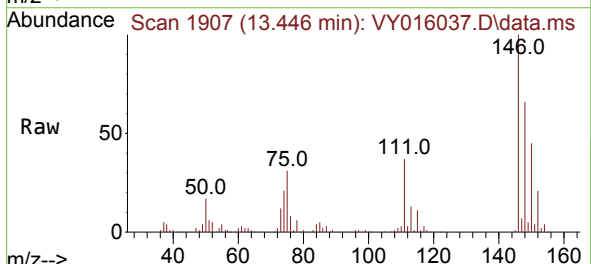
Instrument :
MSVOA_Y
ClientSampleId :

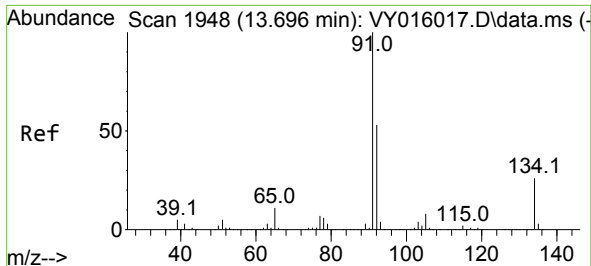
Tgt Ion:146 Resp: 104557
Ion Ratio Lower Upper
146 100
111 39.8 19.4 58.2
148 64.5 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.461 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

Tgt Ion:146 Resp: 106649
Ion Ratio Lower Upper
146 100
111 38.8 18.9 56.7
148 64.8 32.1 96.5

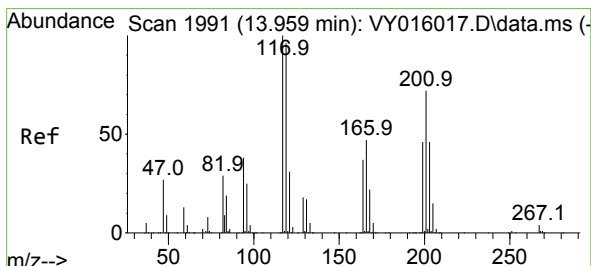
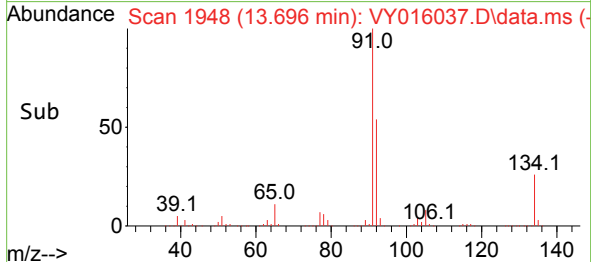
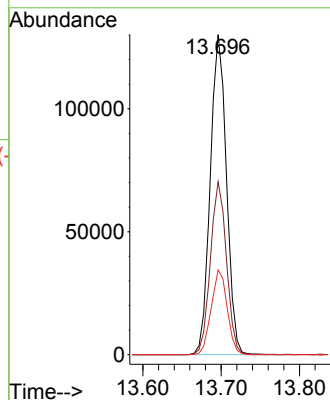
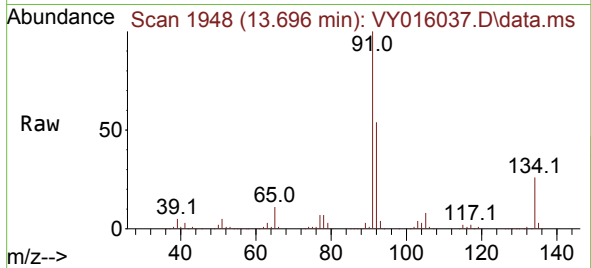




#89
n-Butylbenzene
Concen: 20.154 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

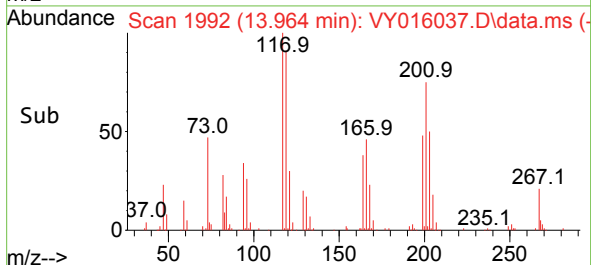
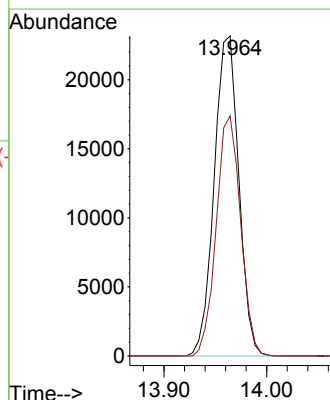
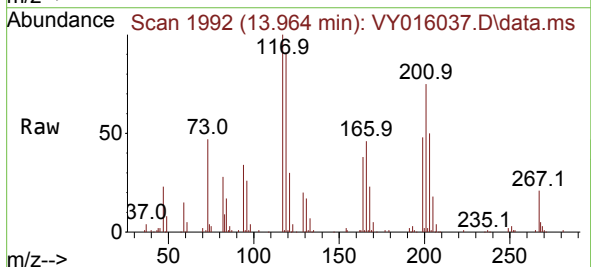
Instrument :
MSVOA_Y
ClientSampleId :

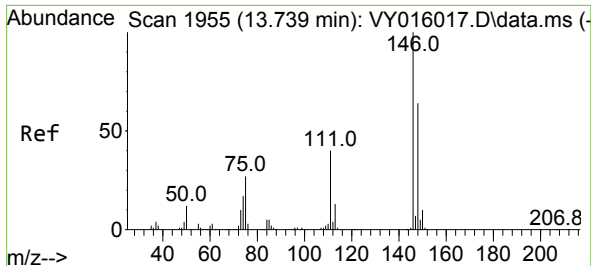
Tgt Ion: 91 Resp: 186439
Ion Ratio Lower Upper
91 100
92 53.6 25.4 76.0
134 26.1 12.6 37.6



#90
Hexachloroethane
Concen: 20.310 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY016037.D
Acq: 19 Oct 2023 14:48

Tgt Ion: 117 Resp: 38473
Ion Ratio Lower Upper
117 100
201 74.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.707 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

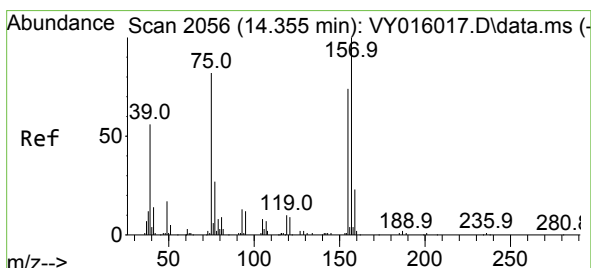
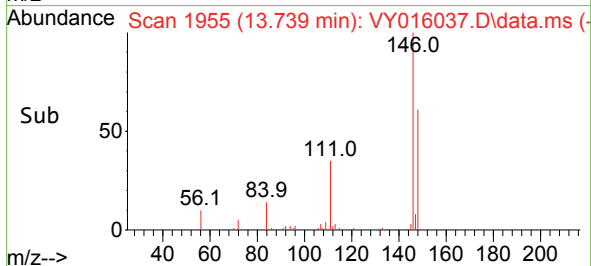
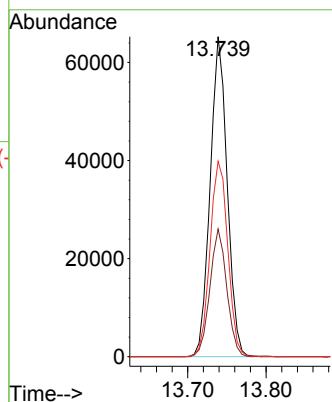
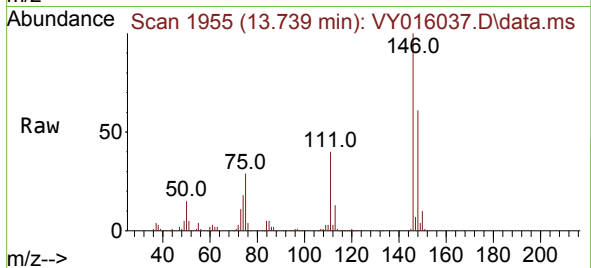
Tgt Ion:146 Resp: 98421

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.0

148 64.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 35.703 ug/l

RT: 14.354 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

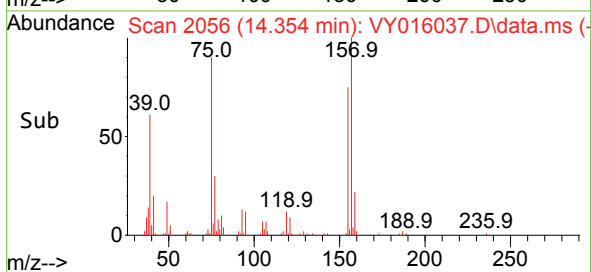
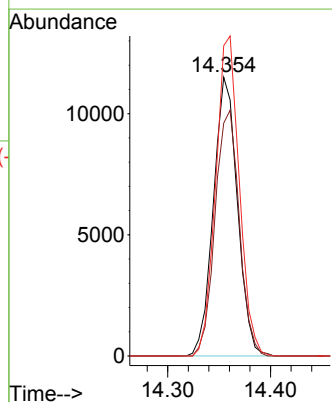
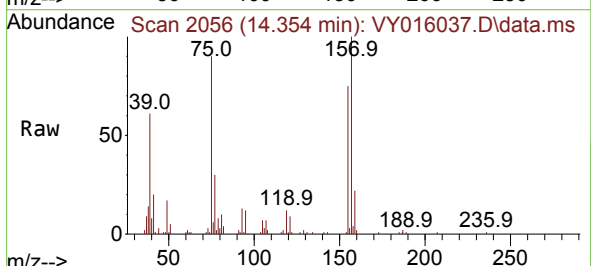
Tgt Ion: 75 Resp: 18659

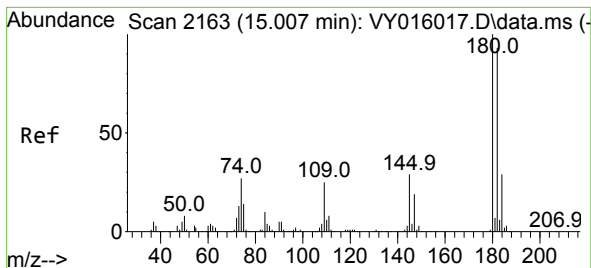
Ion Ratio Lower Upper

75 100

155 88.7 41.5 124.6

157 112.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.331 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

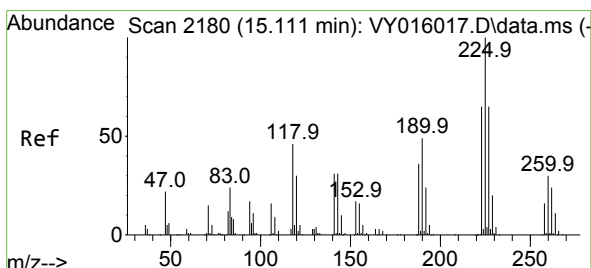
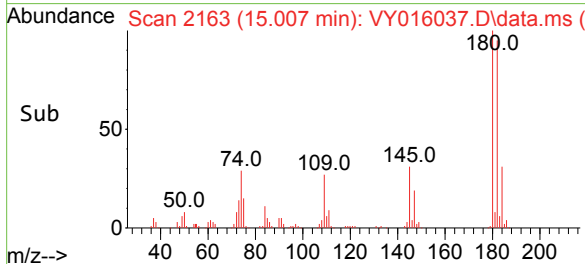
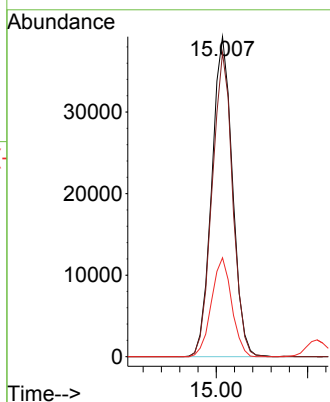
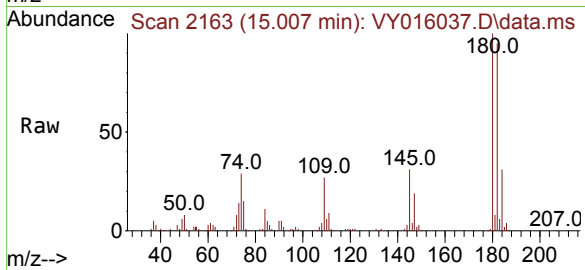
Tgt Ion:180 Resp: 61560

Ion Ratio Lower Upper

180 100

182 94.0 47.0 141.2

145 30.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.460 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

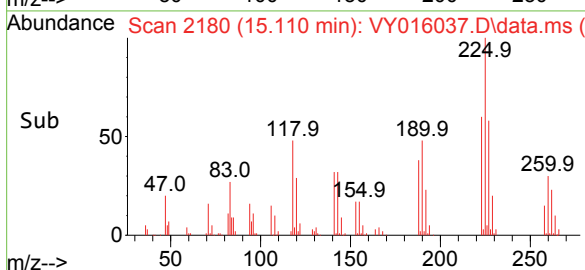
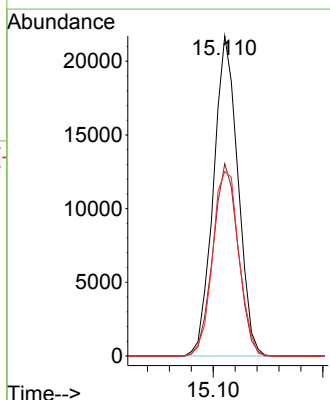
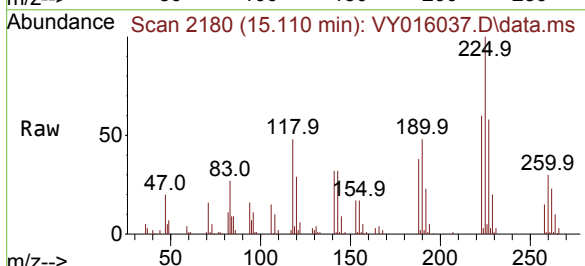
Tgt Ion:225 Resp: 33649

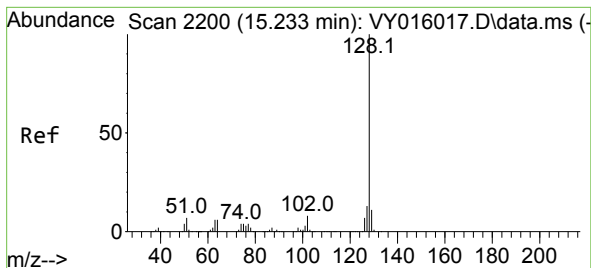
Ion Ratio Lower Upper

225 100

223 61.5 31.9 95.9

227 62.3 33.0 98.9





#95

Naphthalene

Concen: 26.079 ug/l

RT: 15.238 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

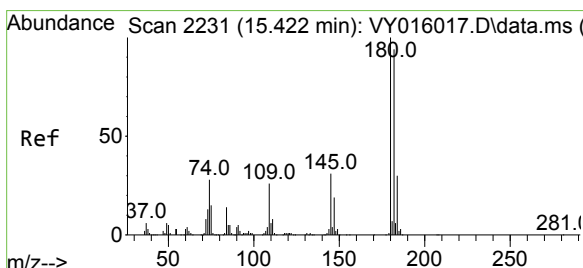
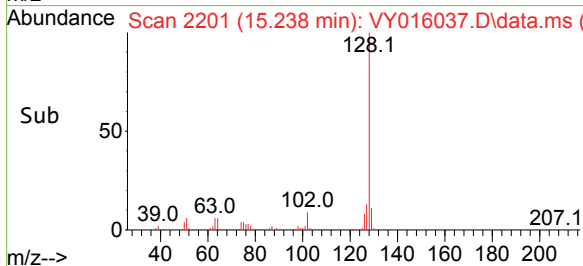
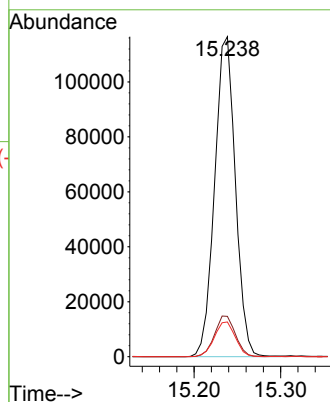
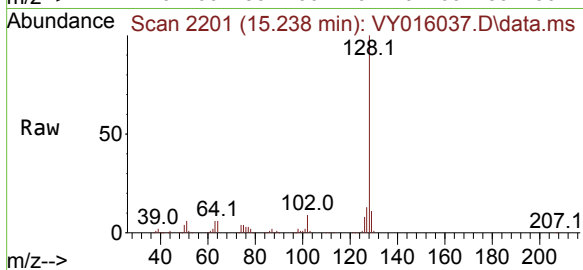
Tgt Ion:128 Resp: 193812

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.198 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY016037.D

Acq: 19 Oct 2023 14:48

Tgt Ion:180 Resp: 58629

Ion Ratio Lower Upper

180 100

182 96.2 47.3 141.8

145 33.0 15.4 46.2

