

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
 Data File : VY016143.D
 Acq On : 31 Oct 2023 12:49
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:15:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:01:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	184611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	291032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	256463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	119527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	16985	9.832	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	19.660%#
35) Dibromofluoromethane	7.728	113	16739	9.648	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.300%#
50) Toluene-d8	10.191	98	65389	9.505	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	19.020%#
62) 4-Bromofluorobenzene	12.489	95	22964	9.762	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	19.520%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	12034	10.219	ug/l	94
3) Chloromethane	2.119	50	17405	10.675	ug/l	98
4) Vinyl Chloride	2.253	62	17186	10.213	ug/l	95
5) Bromomethane	2.656	94	11334	9.980	ug/l	97
6) Chloroethane	2.802	64	12307	10.388	ug/l	94
7) Trichlorofluoromethane	3.131	101	26006	10.237	ug/l	99
8) Diethyl Ether	3.534	74	8755	10.398	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.905	101	16056	10.032	ug/l	98
10) Methyl Iodide	4.101	142	17668	9.928	ug/l	99
11) Tert butyl alcohol	4.948	59	7274	56.358	ug/l	100
12) 1,1-Dichloroethene	3.881	96	15091	10.331	ug/l	90
13) Acrolein	3.741	56	6920	51.694	ug/l	98
14) Allyl chloride	4.491	41	21678	10.375	ug/l	96
15) Acrylonitrile	5.174	53	19289	53.610	ug/l	97
16) Acetone	3.960	43	18771	53.039	ug/l	89
17) Carbon Disulfide	4.204	76	36227	9.933	ug/l	97
18) Methyl Acetate	4.491	43	14472	10.417	ug/l #	90
19) Methyl tert-butyl Ether	5.228	73	43244	10.407	ug/l	100
20) Methylene Chloride	4.728	84	22543	10.419	ug/l	86
21) trans-1,2-Dichloroethene	5.234	96	16987	9.983	ug/l	98
22) Diisopropyl ether	6.125	45	51950	10.279	ug/l	92
23) Vinyl Acetate	6.070	43	127237	51.277	ug/l #	94
24) 1,1-Dichloroethane	6.027	63	31587	10.443	ug/l	98
25) 2-Butanone	6.996	43	26134	54.835	ug/l	93
26) 2,2-Dichloropropane	6.996	77	29132	10.189	ug/l	98
27) cis-1,2-Dichloroethene	7.002	96	20602	10.288	ug/l	93
28) Bromochloromethane	7.344	49	11660	10.302	ug/l	89
29) Tetrahydrofuran	7.362	42	15900	53.221	ug/l	91
30) Chloroform	7.521	83	34623	10.514	ug/l	98
31) Cyclohexane	7.801	56	28248	10.637	ug/l #	83
32) 1,1,1-Trichloroethane	7.710	97	31360	10.384	ug/l	98
36) 1,1-Dichloropropene	7.929	75	26284	10.491	ug/l	99
37) Ethyl Acetate	7.082	43	12029	10.780	ug/l #	97
38) Carbon Tetrachloride	7.917	117	24442	9.847	ug/l	95
39) Methylcyclohexane	9.197	83	29283	9.792	ug/l	91
40) Benzene	8.173	78	75500	10.497	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	7844	12.110	ug/l #	82
42) 1,2-Dichloroethane	8.252	62	21349	10.636	ug/l	94
43) Isopropyl Acetate	8.283	43	23637	10.709	ug/l	95
44) Trichloroethene	8.953	130	22213	10.553	ug/l	98
45) 1,2-Dichloropropane	9.228	63	18191	10.513	ug/l	93
46) Dibromomethane	9.313	93	10370	10.565	ug/l	96
47) Bromodichloromethane	9.508	83	25551	10.245	ug/l	90
48) Methyl methacrylate	9.301	41	10849	10.809	ug/l	91
49) 1,4-Dioxane	9.307	88	3255	163.411	ug/l #	47
51) 4-Methyl-2-Pentanone	10.081	43	58089	52.742	ug/l	92
52) Toluene	10.252	92	47506	10.193	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	25300	10.162	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	30283	10.366	ug/l	90
55) 1,1,2-Trichloroethane	10.654	97	14945	10.824	ug/l	93
56) Ethyl methacrylate	10.520	69	17851	9.955	ug/l #	89
57) 1,3-Dichloropropane	10.801	76	24556	10.447	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.795	63	42516	48.898	ug/l	93
59) 2-Hexanone	10.843	43	40561	53.742	ug/l	94
60) Dibromochloromethane	10.996	129	18231	10.525	ug/l	100
61) 1,2-Dibromoethane	11.099	107	13778	10.491	ug/l	99
64) Tetrachloroethene	10.727	164	24227	10.620	ug/l	98
65) Chlorobenzene	11.526	112	52395	10.283	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	19487	10.326	ug/l	98
67) Ethyl Benzene	11.605	91	92035	10.099	ug/l	96
68) m/p-Xylenes	11.715	106	70787	20.101	ug/l	95
69) o-Xylene	12.038	106	33720	10.029	ug/l	99
70) Styrene	12.056	104	55822	9.987	ug/l	97
71) Bromoform	12.215	173	10897	10.408	ug/l #	98
73) Isopropylbenzene	12.343	105	91589	10.215	ug/l	100
74) N-amyl acetate	12.154	43	19703	10.113	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.593	83	15337	10.750	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	20990	16.641	ug/l #	100
77) Bromobenzene	12.617	156	21308	10.495	ug/l	92
78) n-propylbenzene	12.678	91	107701	10.160	ug/l	99
79) 2-Chlorotoluene	12.764	91	61216	10.354	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	74060	10.195	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	5227	10.069	ug/l	98
82) 4-Chlorotoluene	12.867	91	62473	10.290	ug/l	99
83) tert-Butylbenzene	13.087	119	66956	10.302	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	74071	10.305	ug/l	100
85) sec-Butylbenzene	13.264	105	97796	10.252	ug/l	99
86) p-Isopropyltoluene	13.379	119	80953	10.239	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	42022	10.466	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	41735	10.517	ug/l	97
89) n-Butylbenzene	13.702	91	75084	10.336	ug/l	97
90) Hexachloroethane	13.971	117	13517	9.921	ug/l	92
91) 1,2-Dichlorobenzene	13.751	146	36620	10.556	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2755	10.790	ug/l	95
93) 1,2,4-Trichlorobenzene	15.019	180	22979	10.732	ug/l	97
94) Hexachlorobutadiene	15.123	225	13002	11.112	ug/l	96
95) Naphthalene	15.245	128	44389	10.671	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	19583	10.706	ug/l	98

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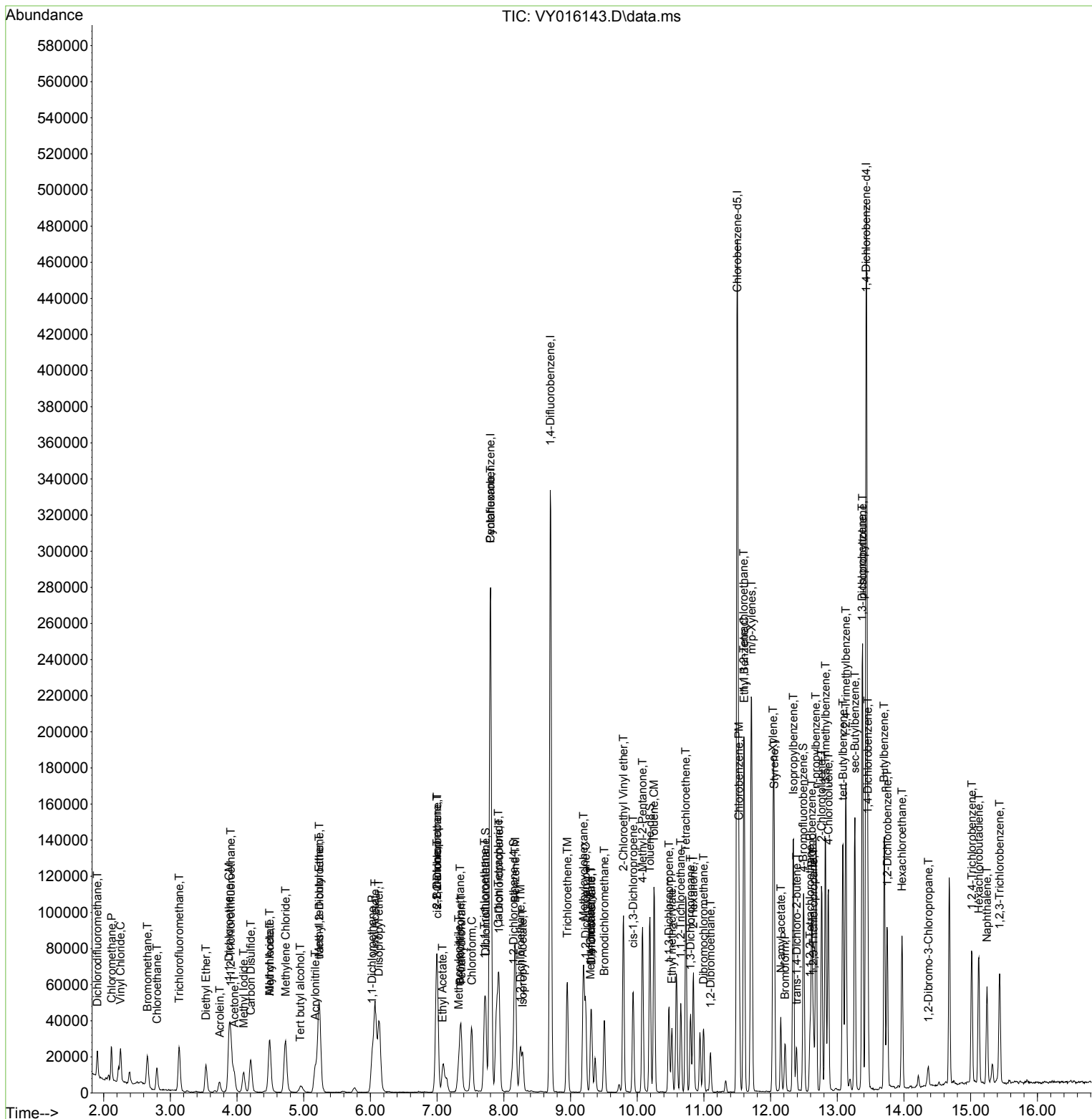
Instrument :
MSVOA_Y
ClientSampleId :

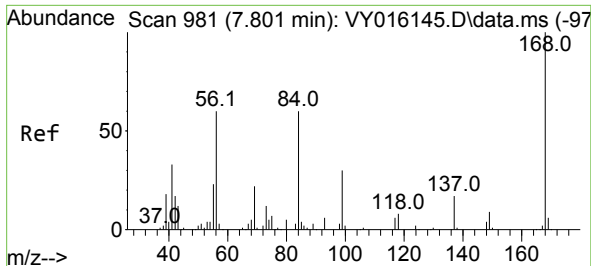
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Response via : Initial Calibration

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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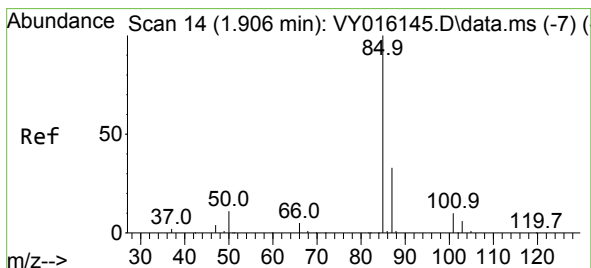
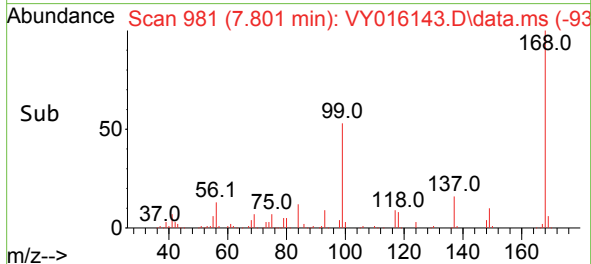
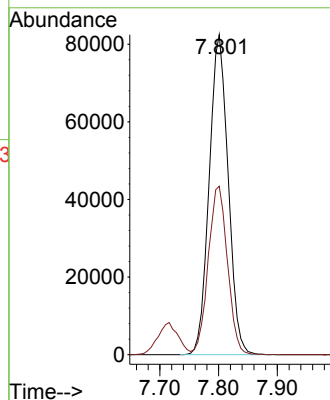
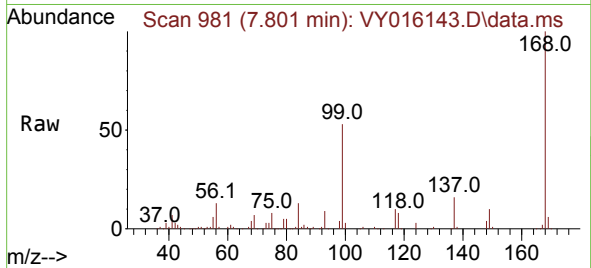




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016143.D
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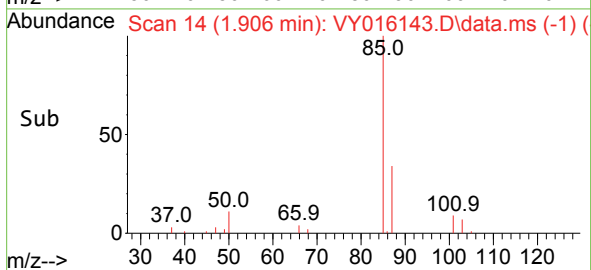
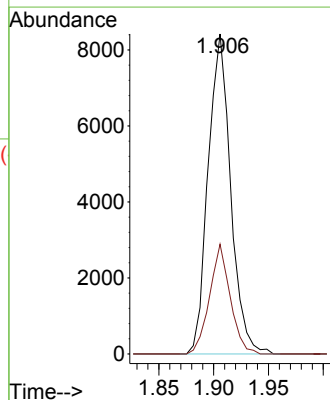
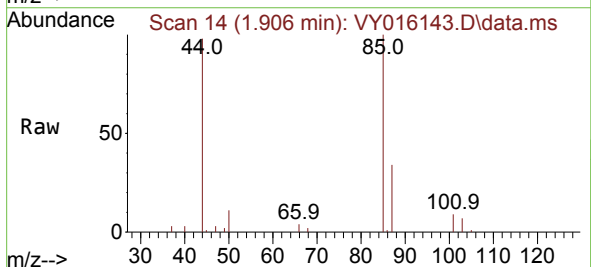
Instrument :
MSVOA_Y
ClientSampleId :

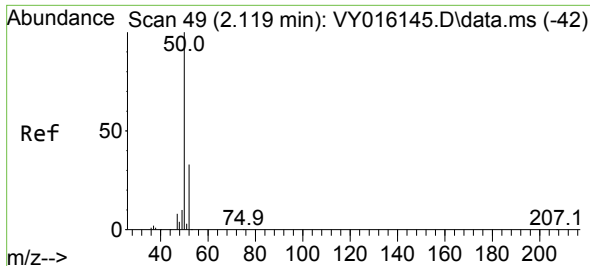
Tgt Ion:168 Resp: 184611
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 10.219 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion: 85 Resp: 12034
Ion Ratio Lower Upper
85 100
87 34.3 15.6 46.8

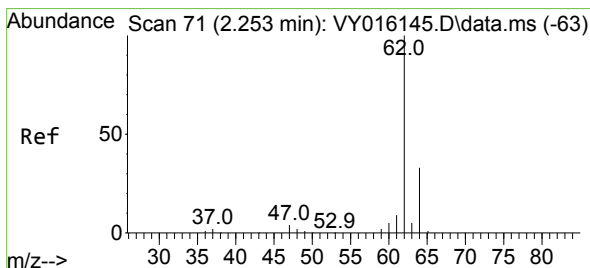
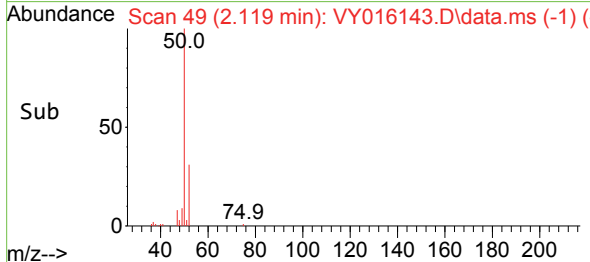
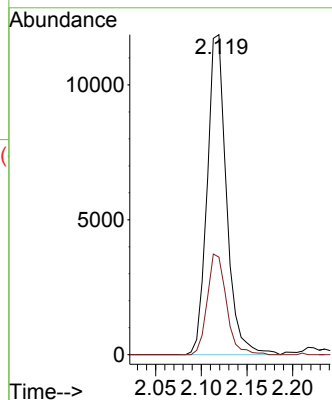
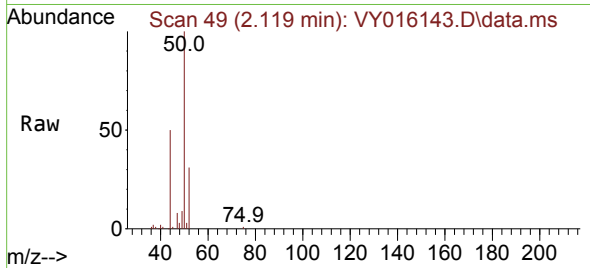




#3
Chloromethane
Concen: 10.675 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

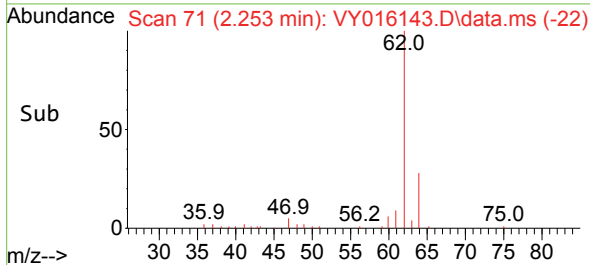
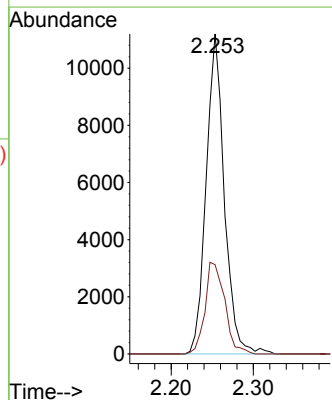
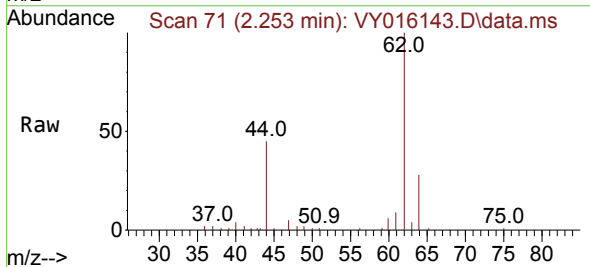
Instrument :
MSVOA_Y
ClientSampleId :

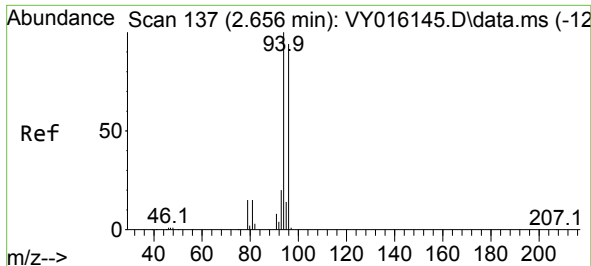
Tgt Ion: 50 Resp: 17405
Ion Ratio Lower Upper
50 100
52 30.5 25.4 38.2



#4
Vinyl Chloride
Concen: 10.213 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

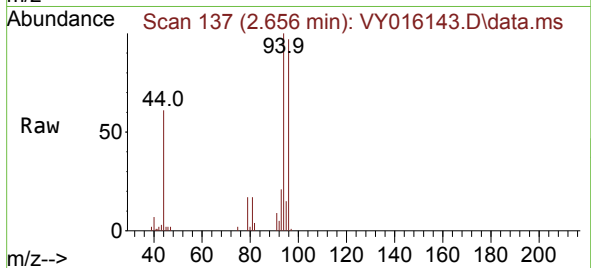
Tgt Ion: 62 Resp: 17186
Ion Ratio Lower Upper
62 100
64 27.9 24.3 36.5



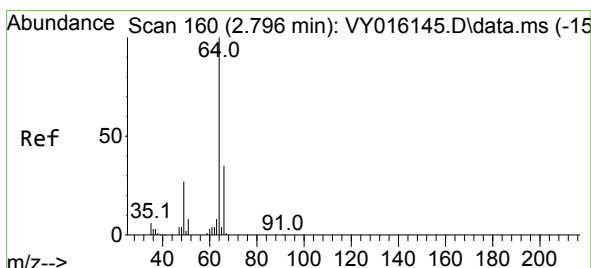
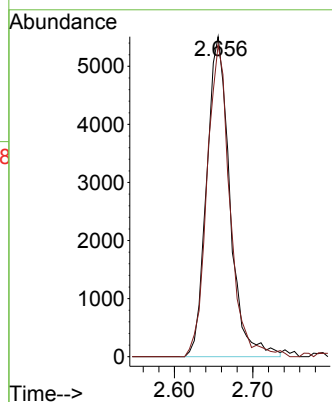
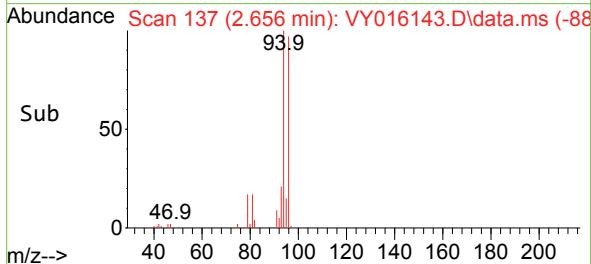


#5
Bromomethane
Concen: 9.980 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

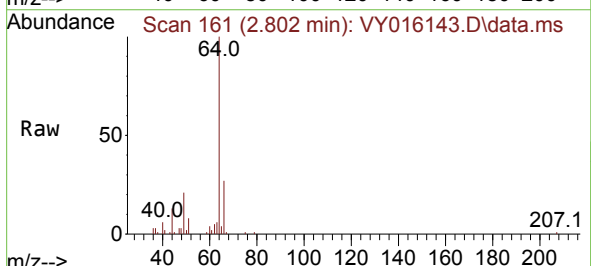
Instrument :
MSVOA_Y
ClientSampleId :



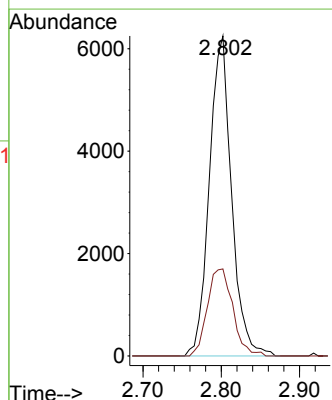
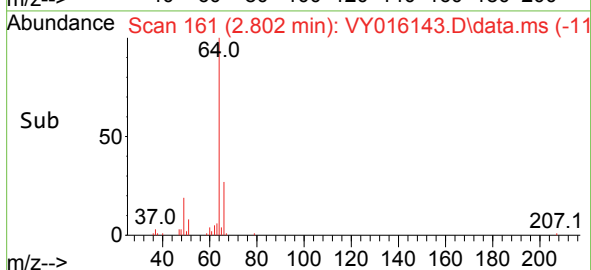
Tgt Ion: 94 Resp: 11334
Ion Ratio Lower Upper
94 100
96 97.4 75.8 113.6

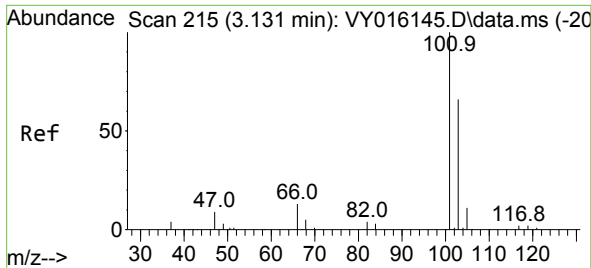


#6
Chloroethane
Concen: 10.388 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49



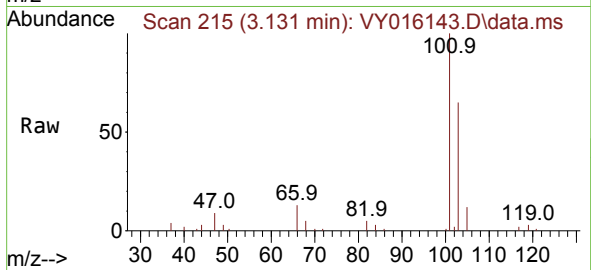
Tgt Ion: 64 Resp: 12307
Ion Ratio Lower Upper
64 100
66 27.2 24.4 36.6



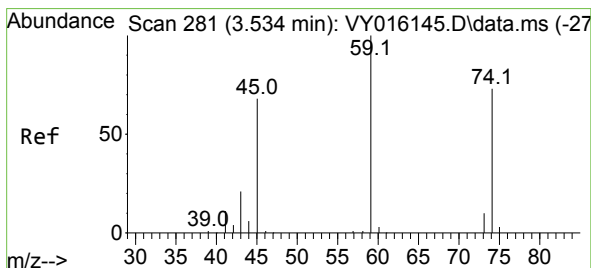
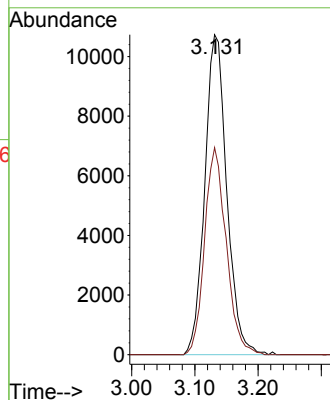
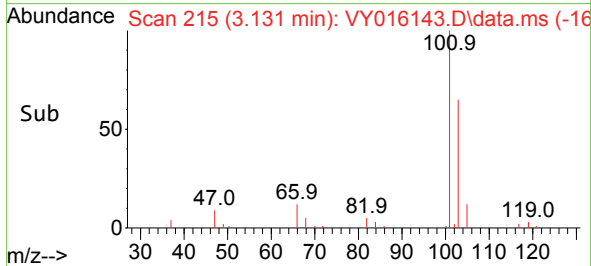


#7
Trichlorofluoromethane
Concen: 10.237 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Instrument :
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ClientSampleId :

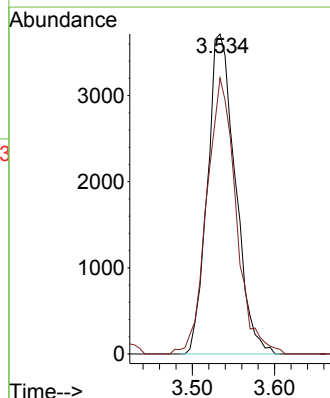
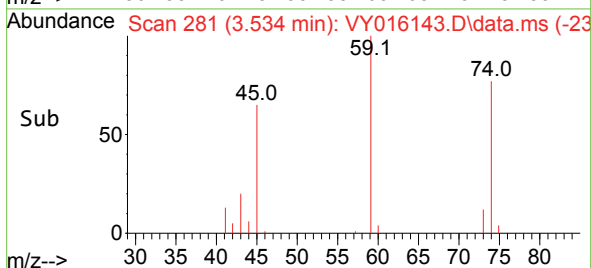
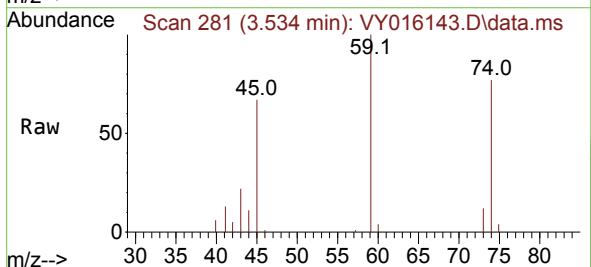


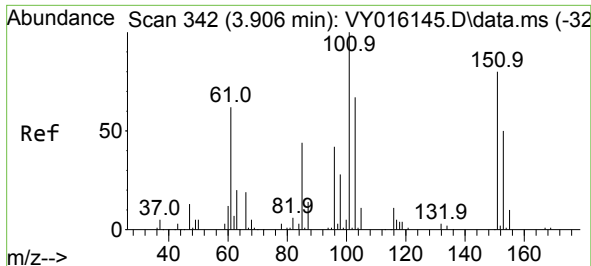
Tgt Ion:101 Resp: 26006
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0



#8
Diethyl Ether
Concen: 10.398 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion: 74 Resp: 8755
Ion Ratio Lower Upper
74 100
45 90.5 51.5 154.5

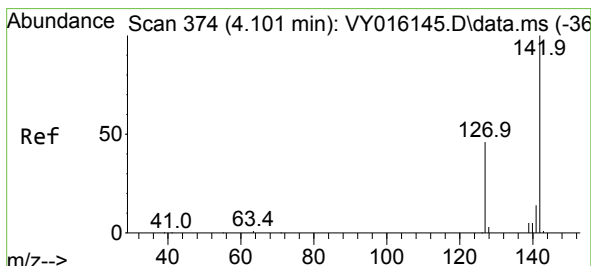
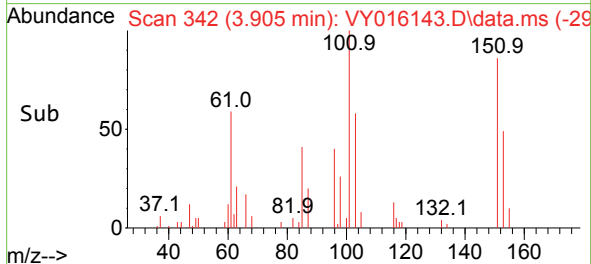
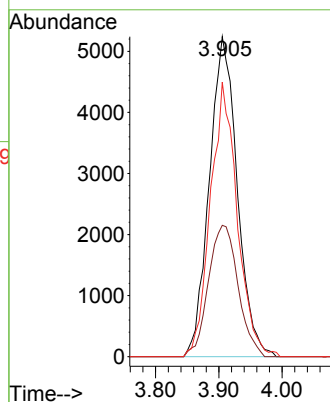
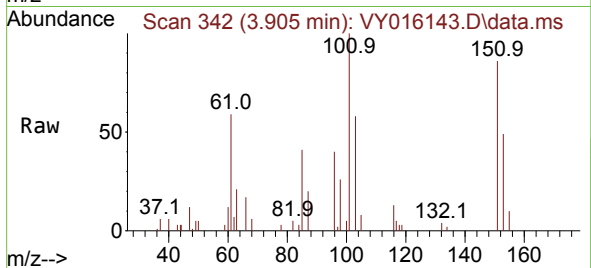




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.032 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

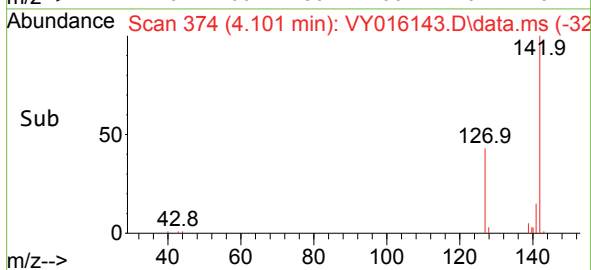
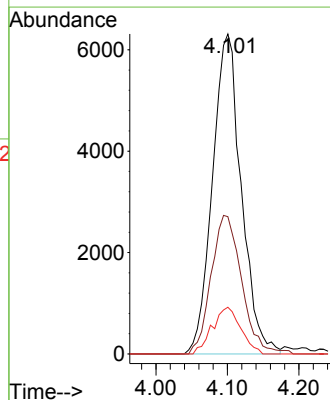
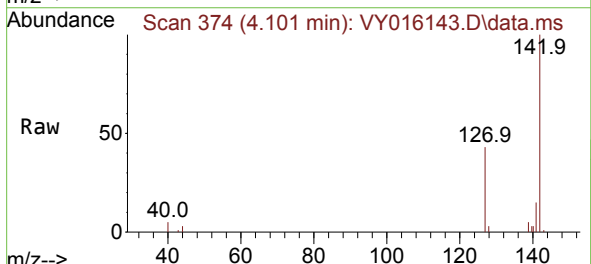
Instrument :
MSVOA_Y
ClientSampleId :

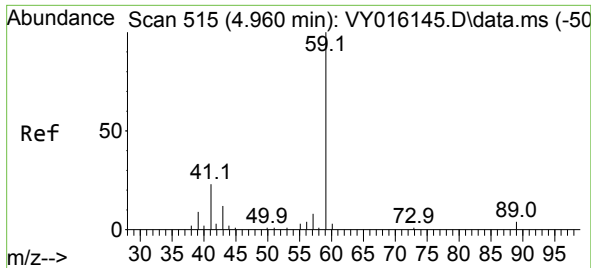
Tgt Ion:	101	Resp:	16056
Ion	Ratio	Lower	Upper
101	100		
85	43.6	36.6	55.0
151	82.3	67.0	100.6



#10
Methyl Iodide
Concen: 9.928 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion:	142	Resp:	17668
Ion	Ratio	Lower	Upper
142	100		
127	45.9	37.6	56.4
141	14.4	11.8	17.8

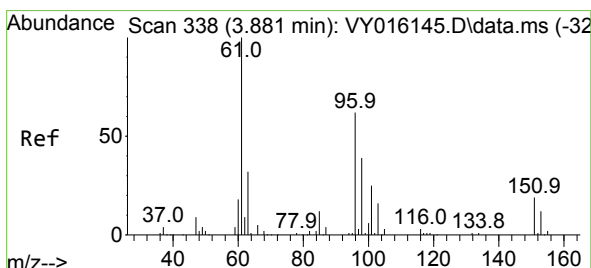
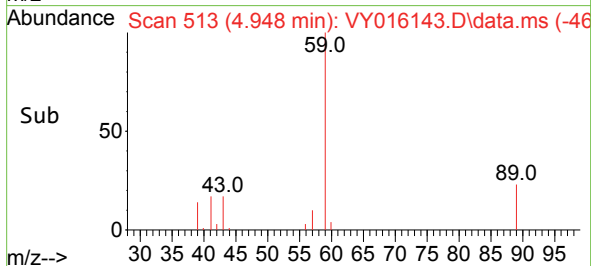
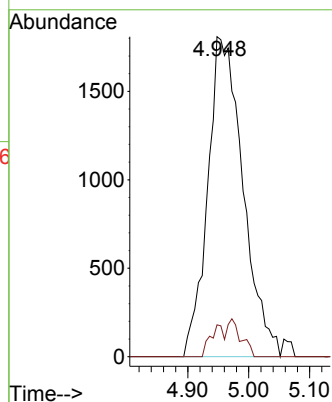
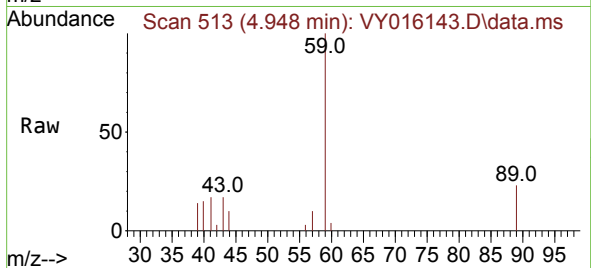




#11
Tert butyl alcohol
Concen: 56.358 ug/l
RT: 4.948 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

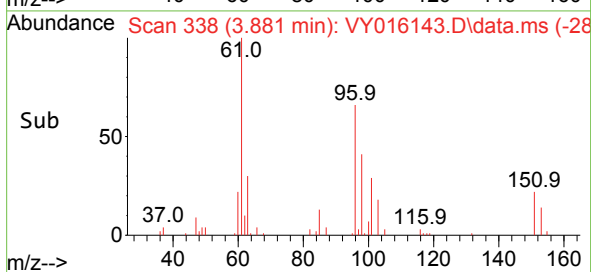
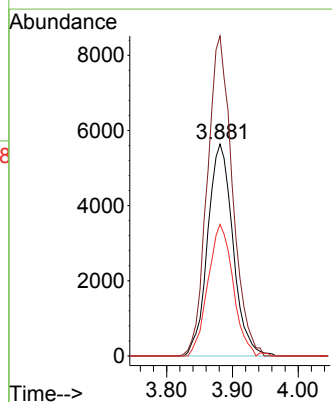
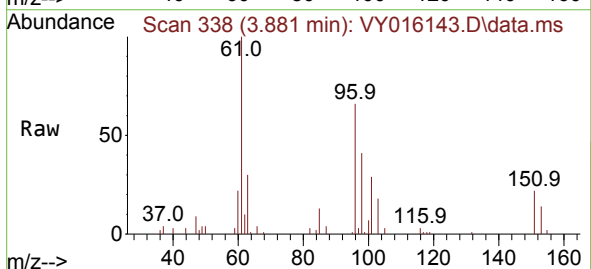
Instrument :
MSVOA_Y
ClientSampleId :

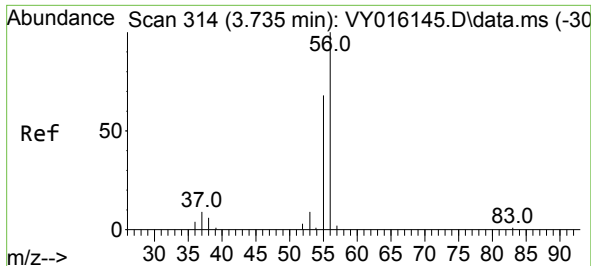
Tgt Ion: 59 Resp: 7274
Ion Ratio Lower Upper
59 100
57 3.8 3.0 4.4



#12
1,1-Dichloroethene
Concen: 10.331 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion: 96 Resp: 15091
Ion Ratio Lower Upper
96 100
61 151.1 136.4 204.6
98 62.1 49.4 74.2





#13

Acrolein

Concen: 51.694 ug/l

RT: 3.741 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

Instrument :

MSVOA_Y

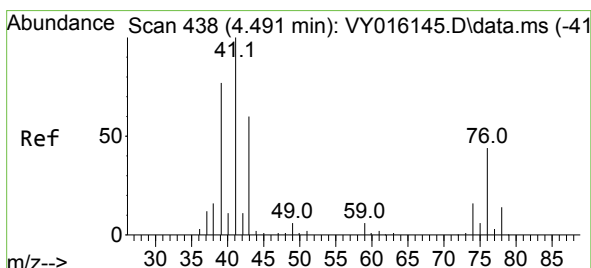
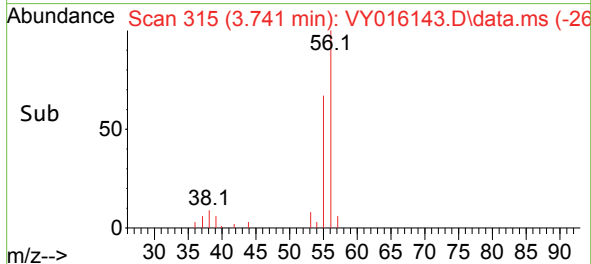
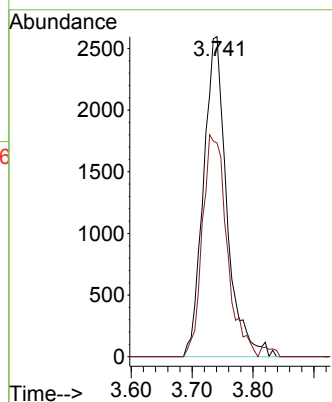
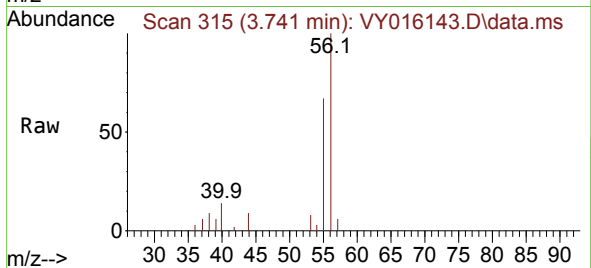
ClientSampleId :

Tgt Ion: 56 Resp: 6920

Ion Ratio Lower Upper

56 100

55 72.7 57.0 85.4



#14

Allyl chloride

Concen: 10.375 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

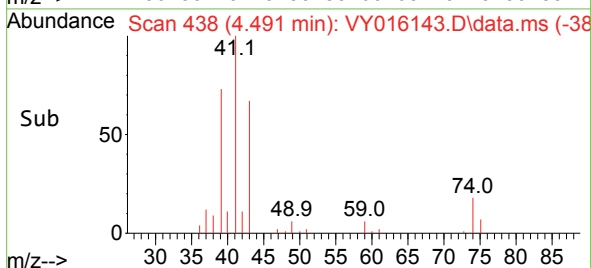
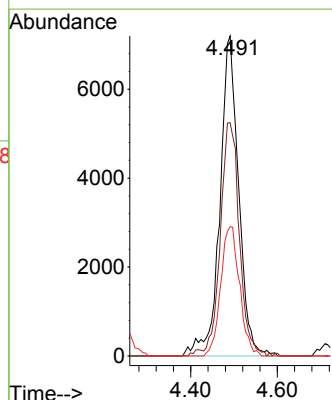
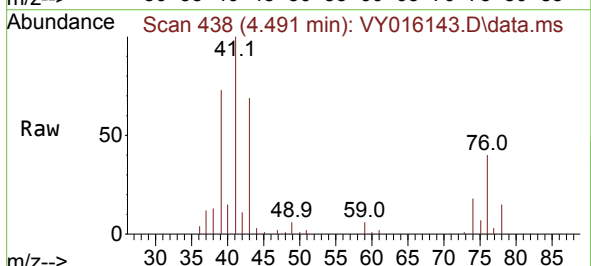
Tgt Ion: 41 Resp: 21678

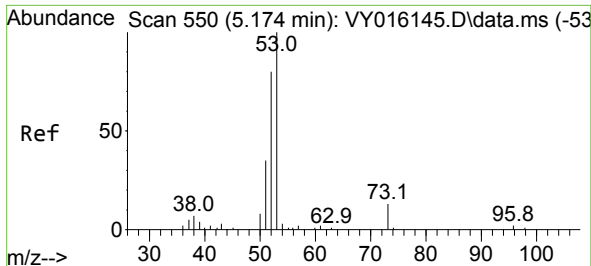
Ion Ratio Lower Upper

41 100

39 73.3 58.0 87.0

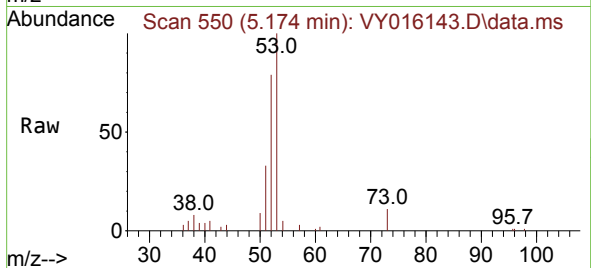
76 40.6 27.4 41.2



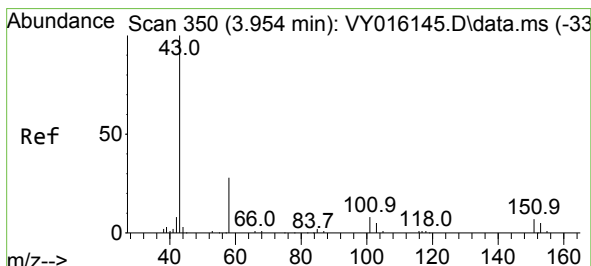
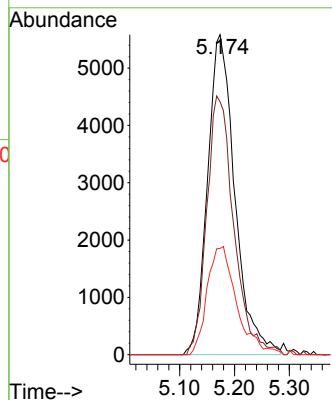
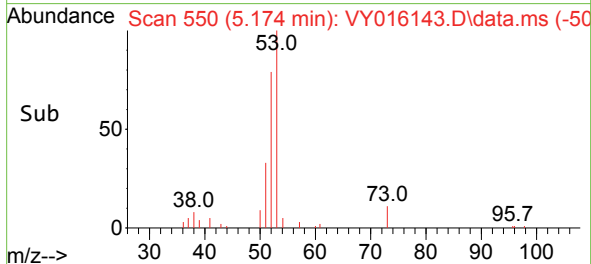


#15
Acrylonitrile
Concen: 53.610 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

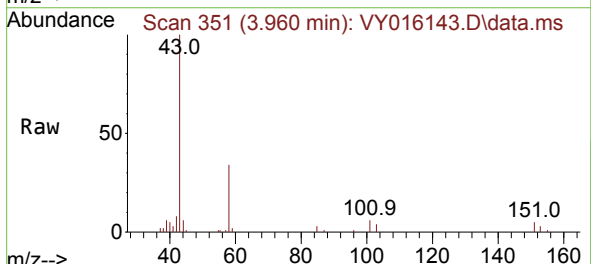
Instrument :
MSVOA_Y
ClientSampleId :



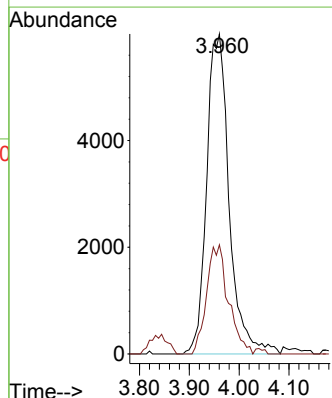
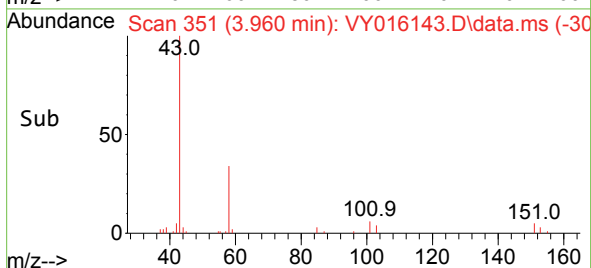
Tgt Ion: 53 Resp: 19289
Ion Ratio Lower Upper
53 100
52 80.2 66.9 100.3
51 36.6 29.8 44.6

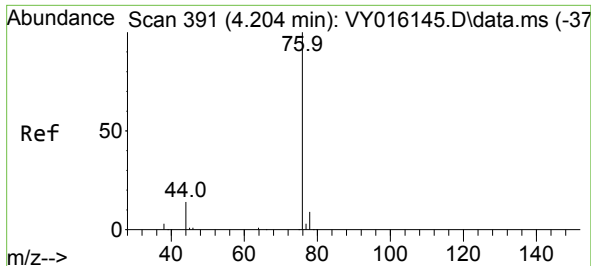


#16
Acetone
Concen: 53.039 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49



Tgt Ion: 43 Resp: 18771
Ion Ratio Lower Upper
43 100
58 34.1 22.7 34.1

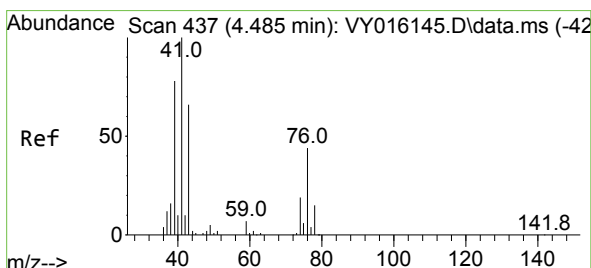
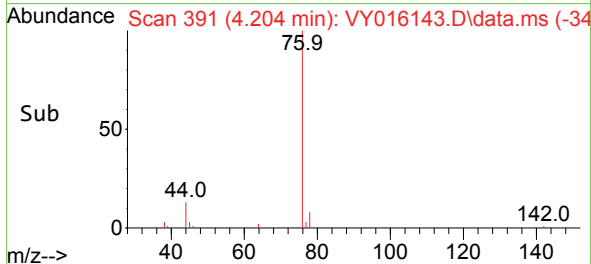
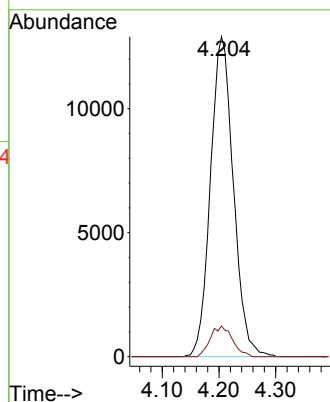
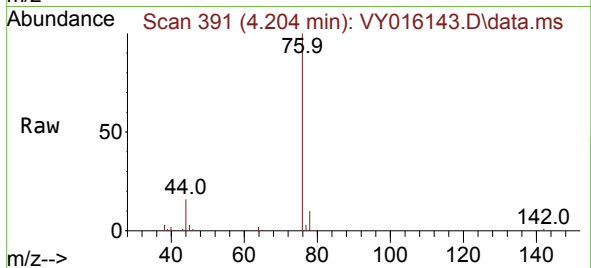




#17
Carbon Disulfide
Concen: 9.933 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

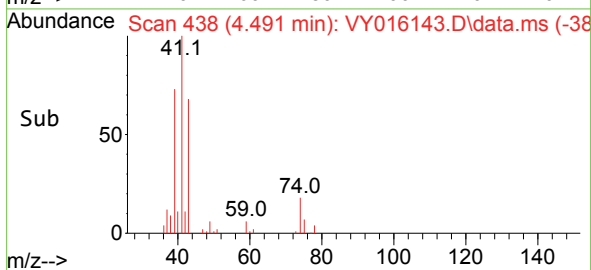
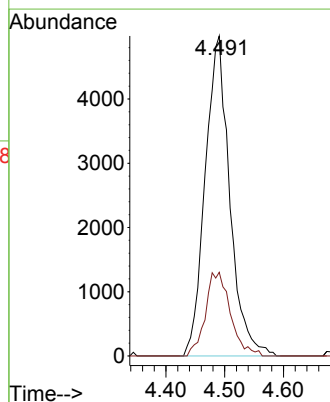
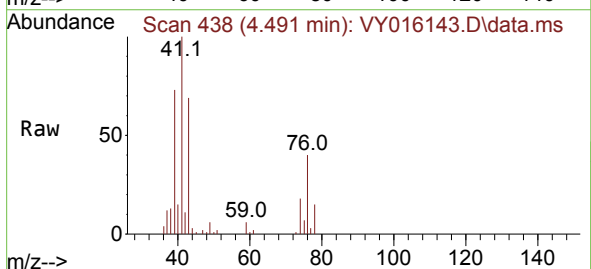
Instrument :
MSVOA_Y
ClientSampleId :

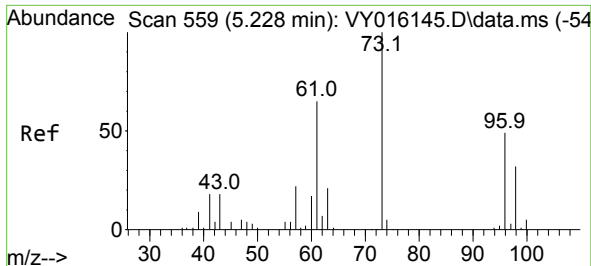
Tgt Ion: 76 Resp: 36227
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4



#18
Methyl Acetate
Concen: 10.417 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion: 43 Resp: 14472
Ion Ratio Lower Upper
43 100
74 26.6 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 10.407 ug/l

RT: 5.228 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

Instrument :

MSVOA_Y

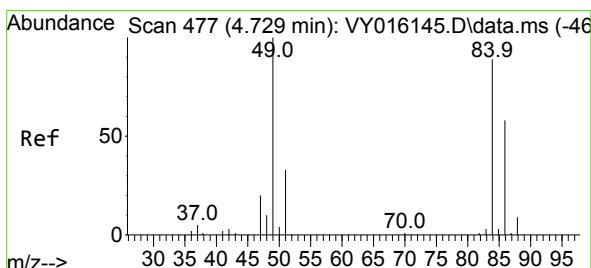
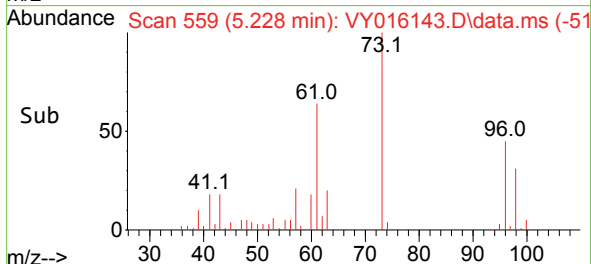
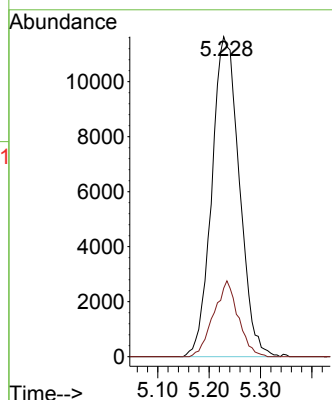
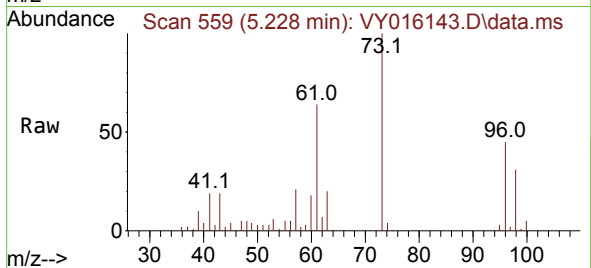
ClientSampleId :

Tgt Ion: 73 Resp: 43244

Ion Ratio Lower Upper

73 100

57 21.4 17.3 25.9



#20

Methylene Chloride

Concen: 10.419 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.001 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

Tgt Ion: 84 Resp: 22543

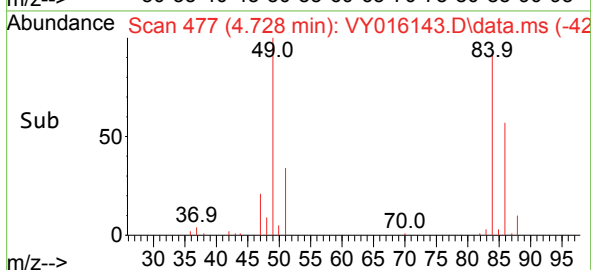
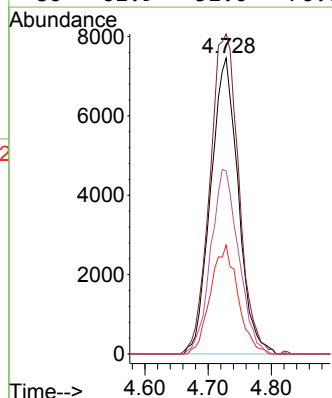
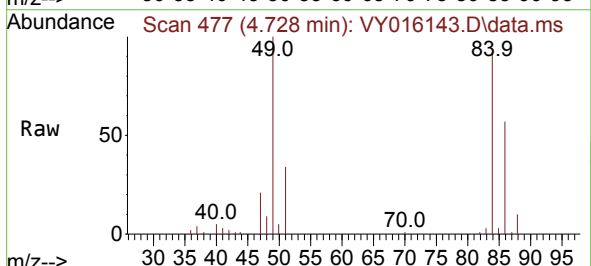
Ion Ratio Lower Upper

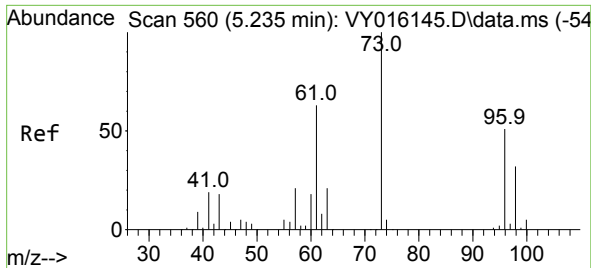
84 100

49 108.2 106.9 160.3

51 36.8 33.2 49.8

86 61.9 51.0 76.6

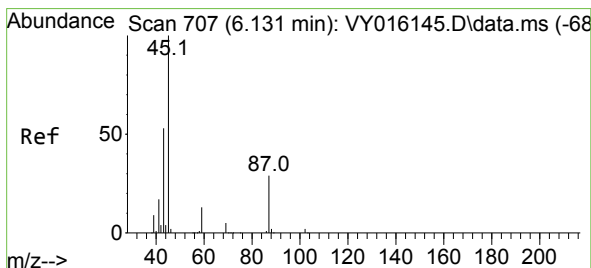
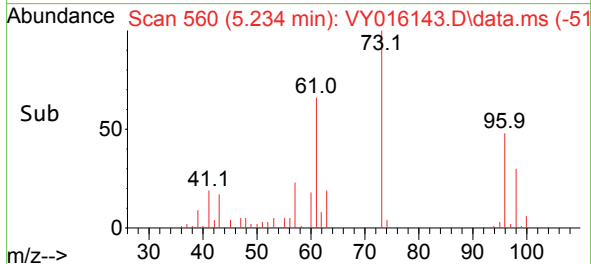
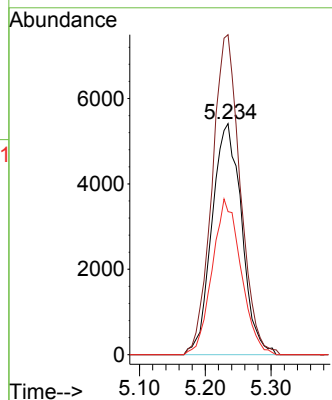
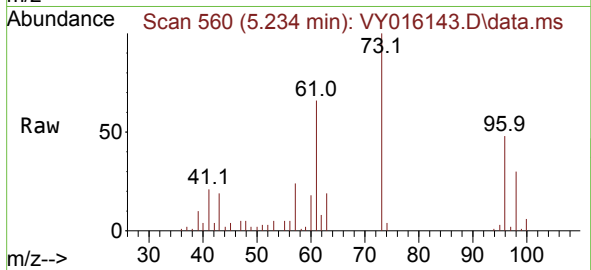




#21
trans-1,2-Dichloroethene
Concen: 9.983 ug/l
RT: 5.234 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

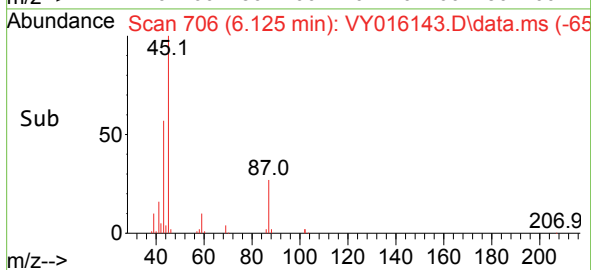
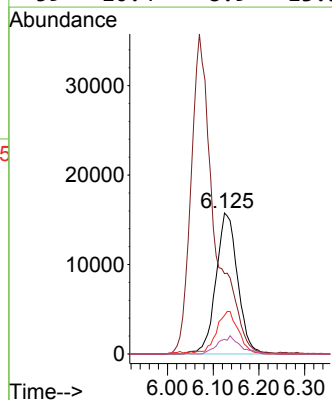
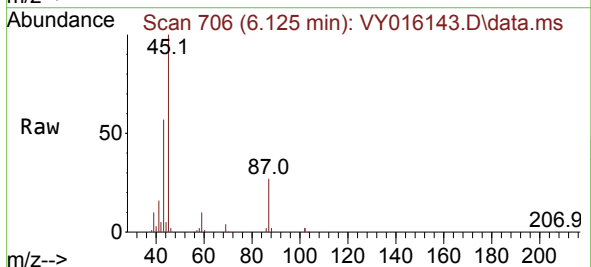
Instrument :
MSVOA_Y
ClientSampleId :

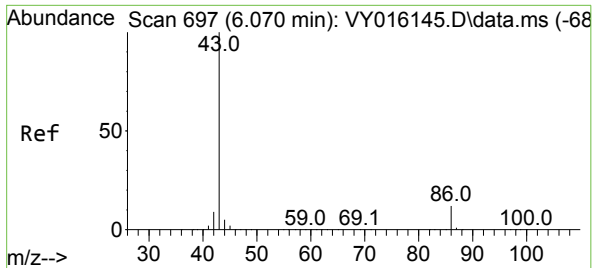
Tgt Ion: 96 Resp: 16987
Ion Ratio Lower Upper
96 100
61 138.5 110.2 165.4
98 61.9 51.8 77.6



#22
Diisopropyl ether
Concen: 10.279 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion: 45 Resp: 51950
Ion Ratio Lower Upper
45 100
43 55.8 52.2 78.4
87 27.4 21.0 31.6
59 10.4 8.9 13.3

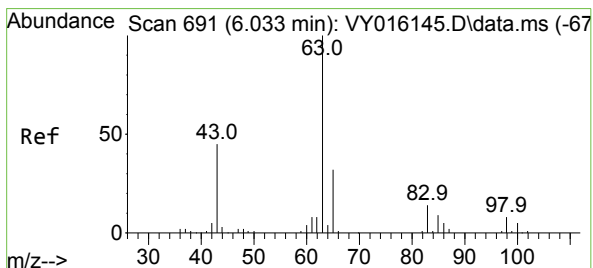
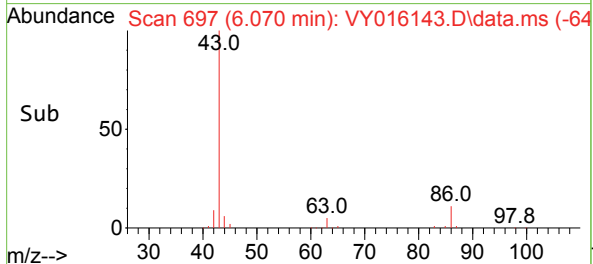
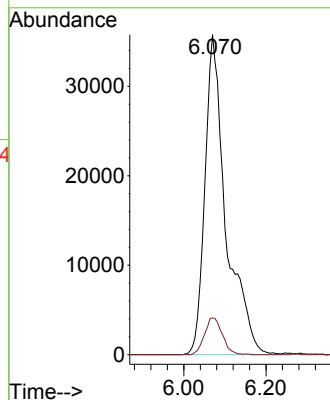
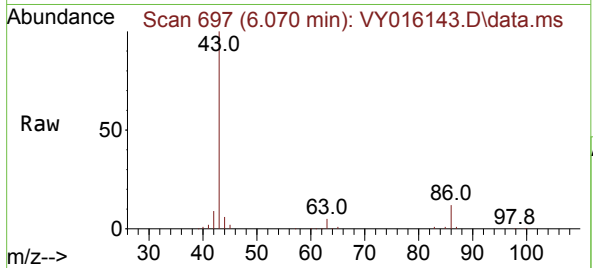




#23
 Vinyl Acetate
 Concen: 51.277 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY016143.D
 Acq: 31 Oct 2023 12:49

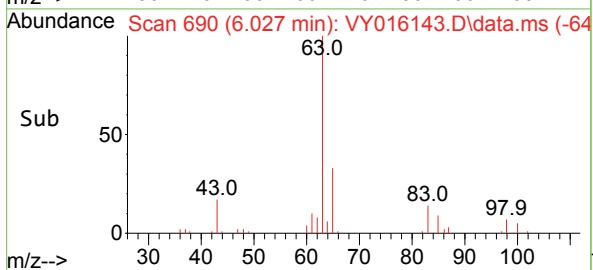
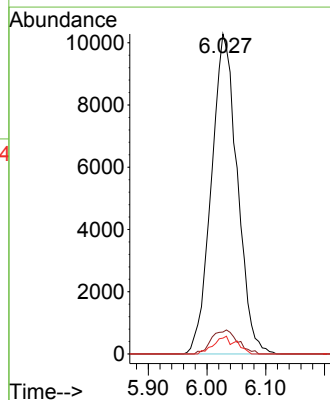
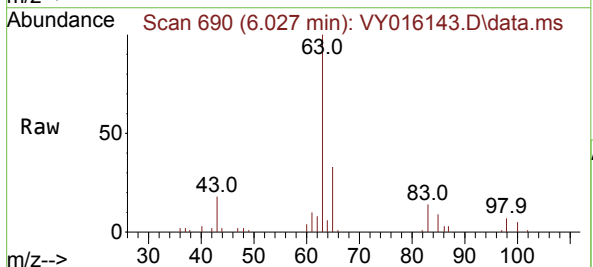
Instrument :
 MSVOA_Y
 ClientSampleId :

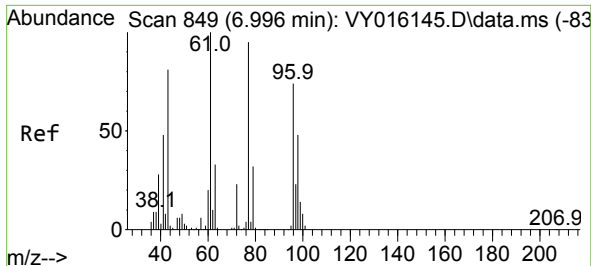
Tgt Ion: 43 Resp: 127237
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 10.443 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY016143.D
 Acq: 31 Oct 2023 12:49

Tgt Ion: 63 Resp: 31587
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.9 1.8 5.5





#25

2-Butanone

Concen: 54.835 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

Instrument :

MSVOA_Y

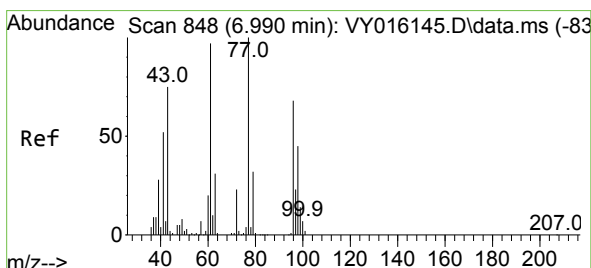
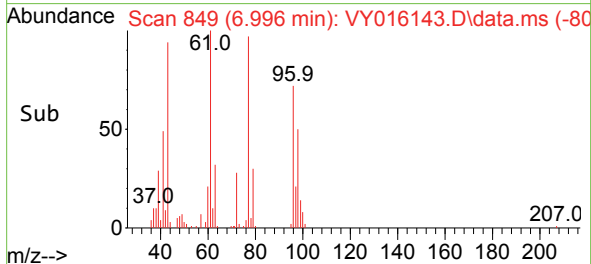
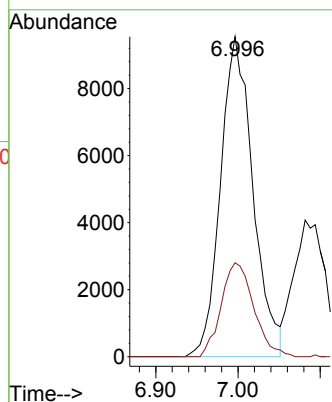
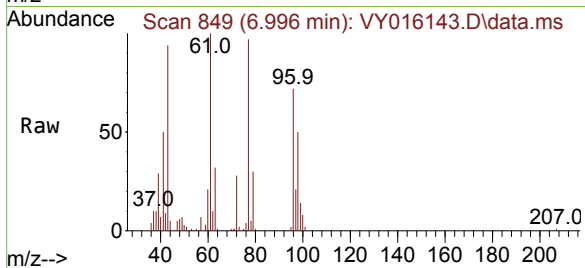
ClientSampleId :

Tgt Ion: 43 Resp: 26134

Ion Ratio Lower Upper

43 100

72 29.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 10.189 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY016143.D

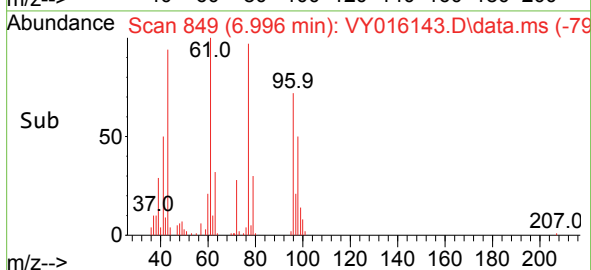
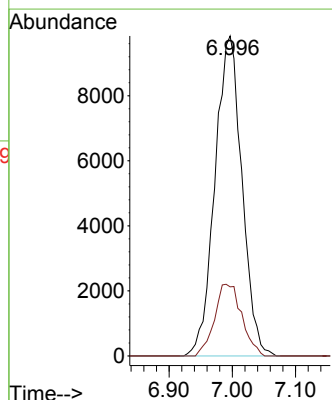
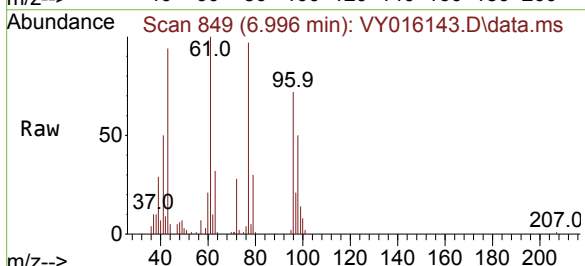
Acq: 31 Oct 2023 12:49

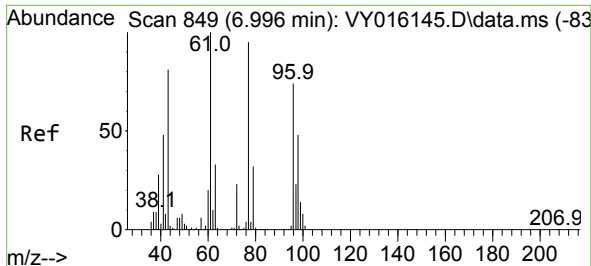
Tgt Ion: 77 Resp: 29132

Ion Ratio Lower Upper

77 100

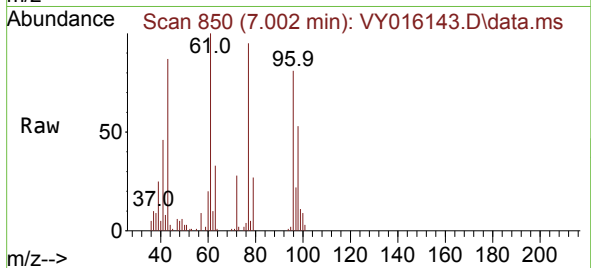
97 22.6 10.9 32.9



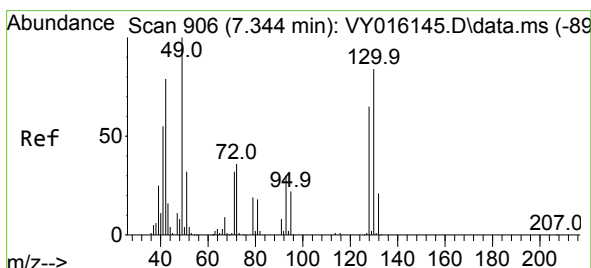
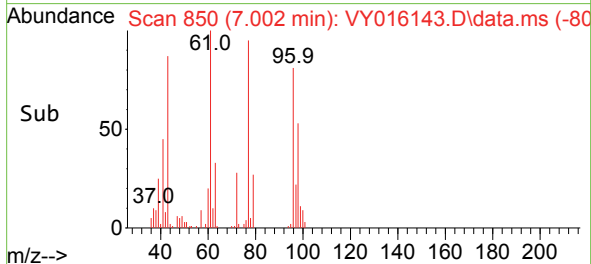
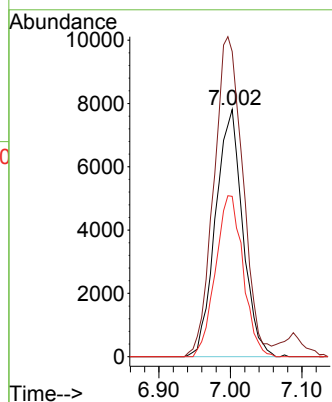


#27
 cis-1,2-Dichloroethene
 Concen: 10.288 ug/l
 RT: 7.002 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY016143.D
 Acq: 31 Oct 2023 12:49

Instrument :
 MSVOA_Y
 ClientSampleId :

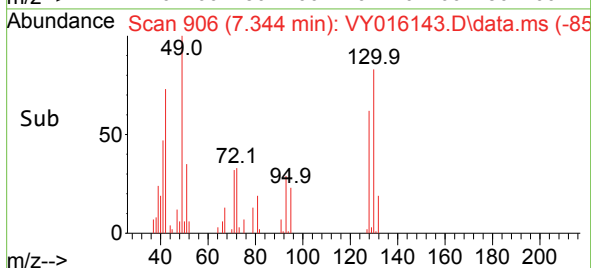
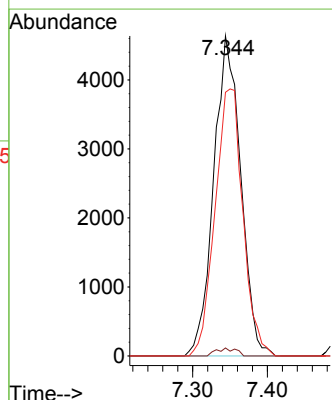
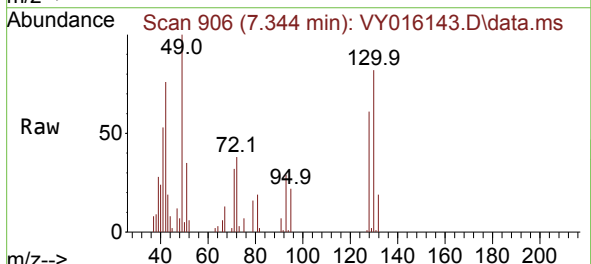


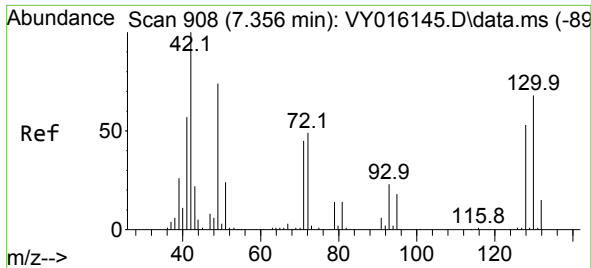
Tgt Ion: 96 Resp: 20602
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 301.4
 98 66.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 10.302 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY016143.D
 Acq: 31 Oct 2023 12:49

Tgt Ion: 49 Resp: 11660
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 85.9 60.7 91.1

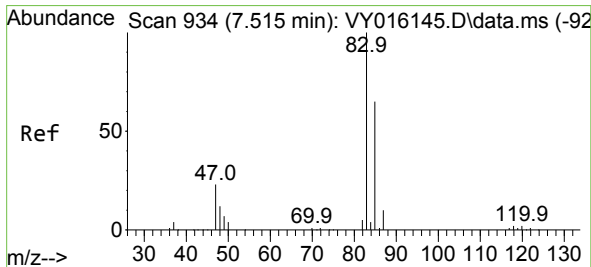
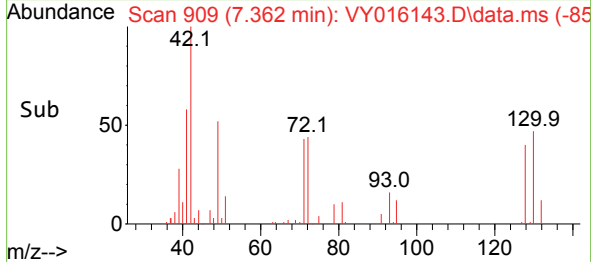
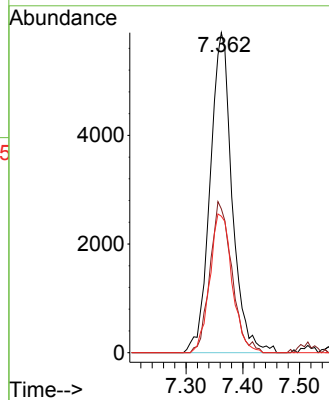
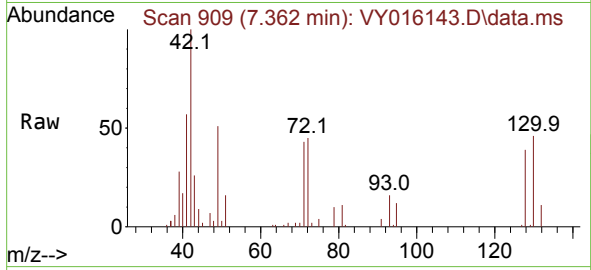




#29
Tetrahydrofuran
Concen: 53.221 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.006 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

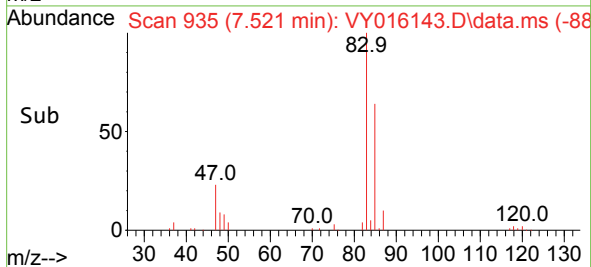
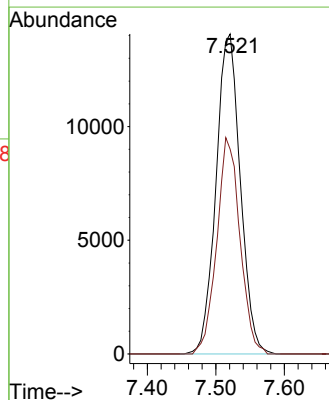
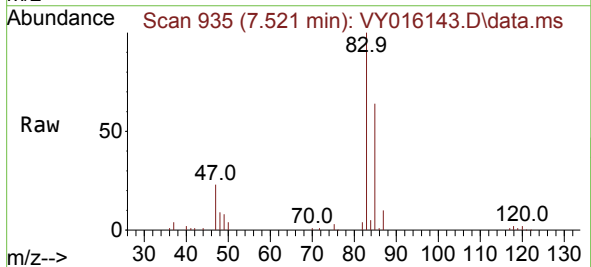
Instrument :
MSVOA_Y
ClientSampleId :

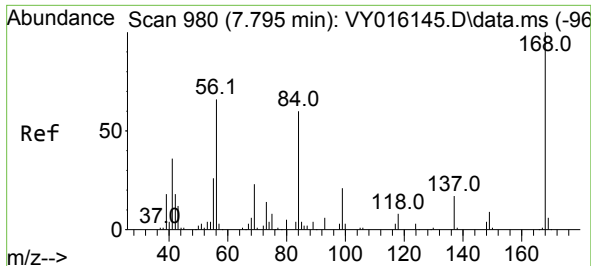
Tgt Ion: 42 Resp: 15900
Ion Ratio Lower Upper
42 100
72 46.8 32.8 49.2
71 44.0 31.0 46.4



#30
Chloroform
Concen: 10.514 ug/l
RT: 7.521 min Scan# 935
Delta R.T. 0.006 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion: 83 Resp: 34623
Ion Ratio Lower Upper
83 100
85 64.0 49.7 74.5

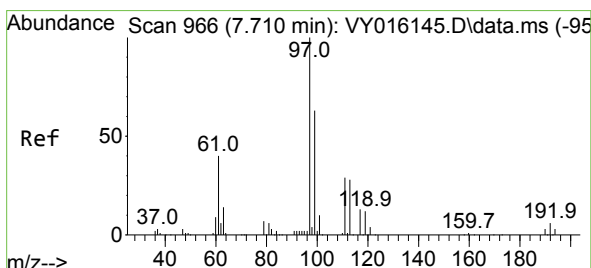
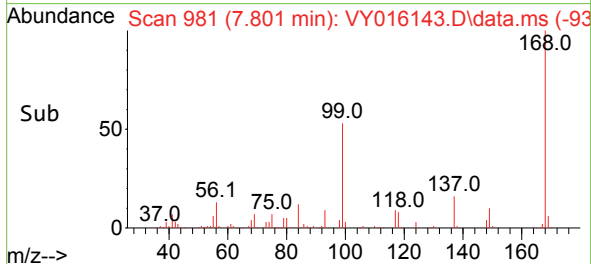
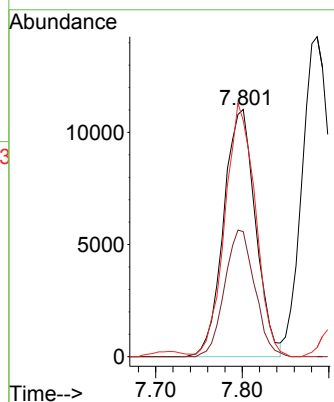
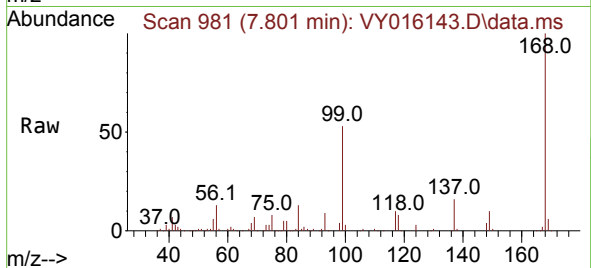




#31
Cyclohexane
Concen: 10.637 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

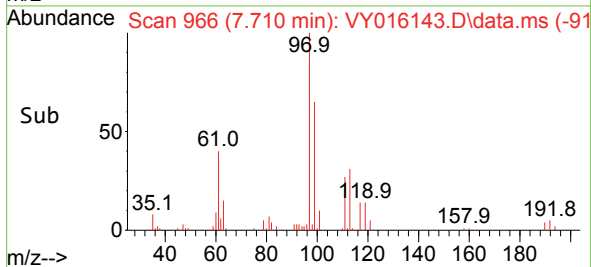
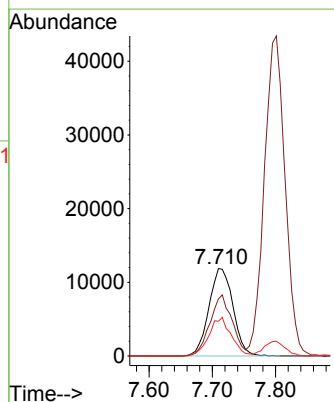
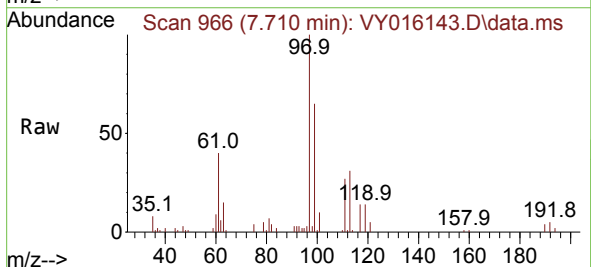
Instrument :
MSVOA_Y
ClientSampleId :

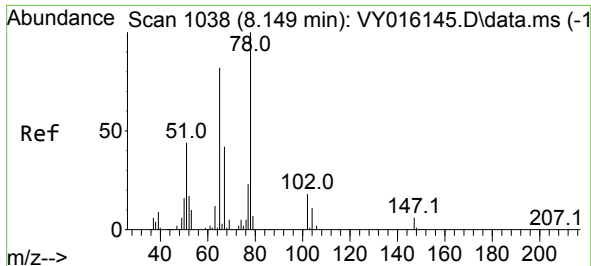
Tgt Ion: 56 Resp: 28248
Ion Ratio Lower Upper
56 100
69 50.6 27.8 41.6#
84 94.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 10.384 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion: 97 Resp: 31360
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 41.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 9.832 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

Instrument :

MSVOA_Y

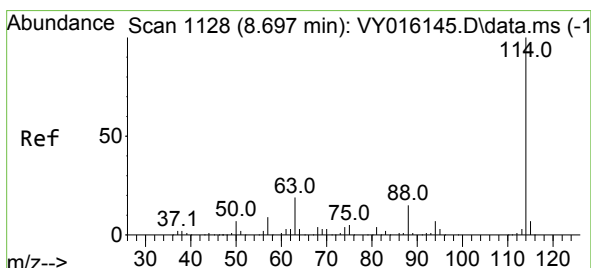
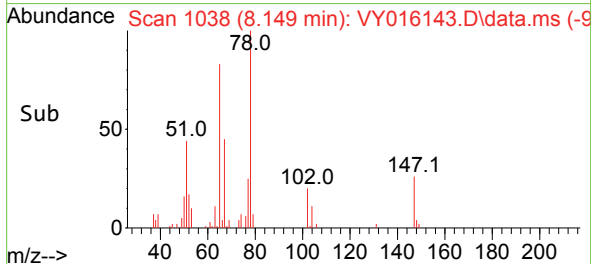
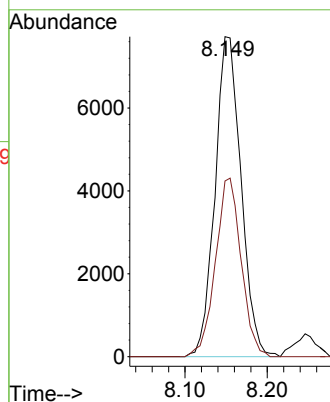
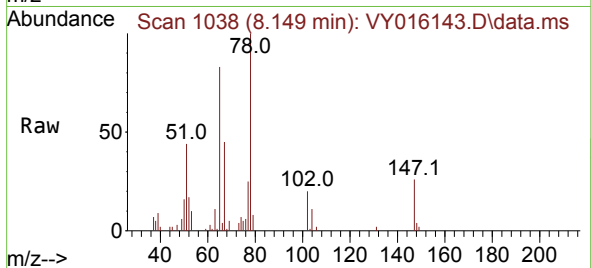
ClientSampleId :

Tgt Ion: 65 Resp: 16985

Ion Ratio Lower Upper

65 100

67 55.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

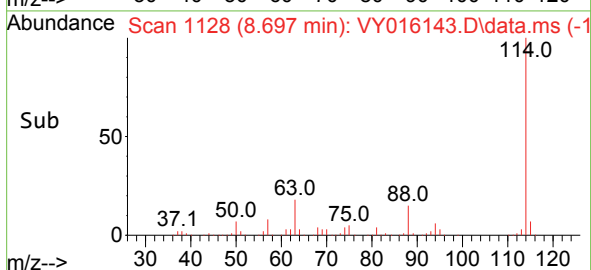
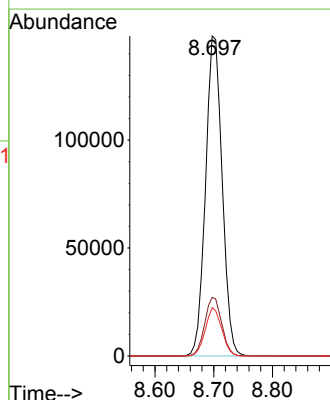
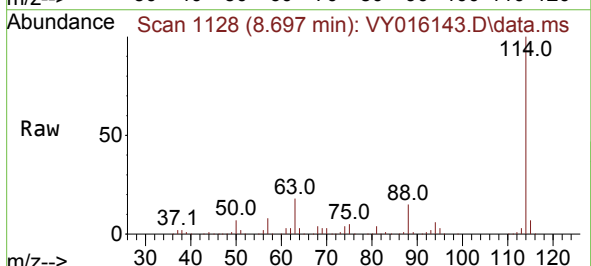
Tgt Ion: 114 Resp: 291032

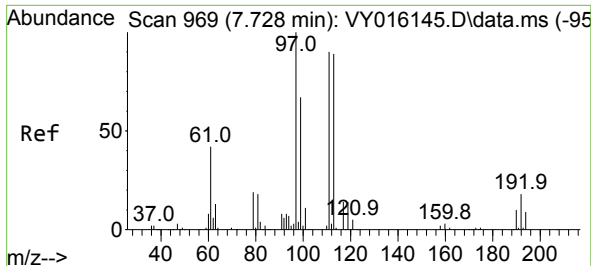
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 15.1 0.0 30.6

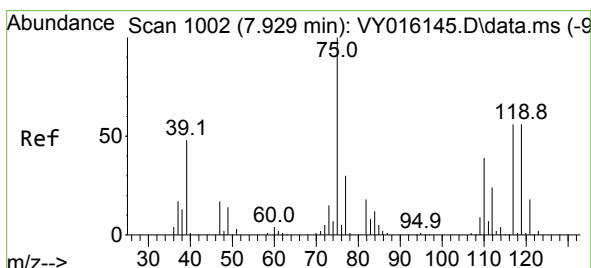
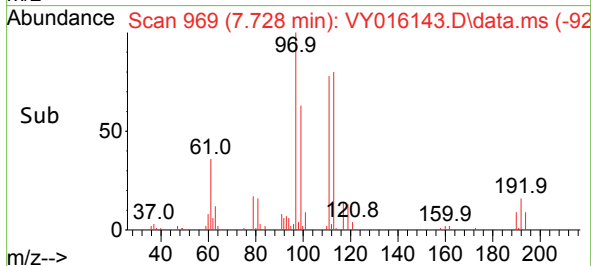
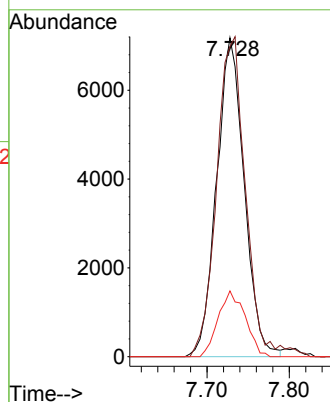
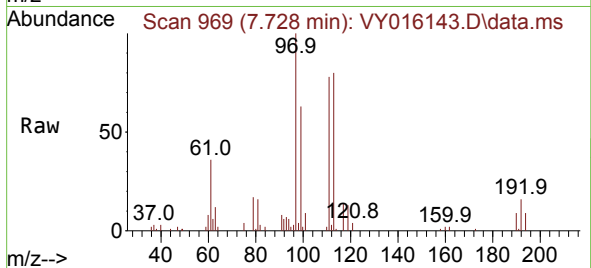




#35
Dibromofluoromethane
Concen: 9.648 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

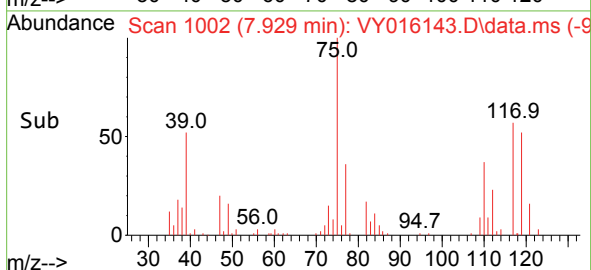
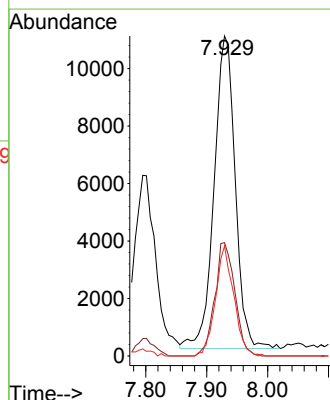
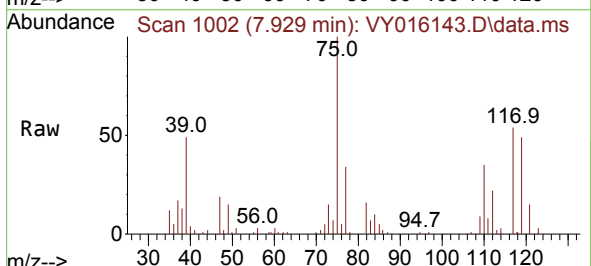
Instrument :
MSVOA_Y
ClientSampleId :

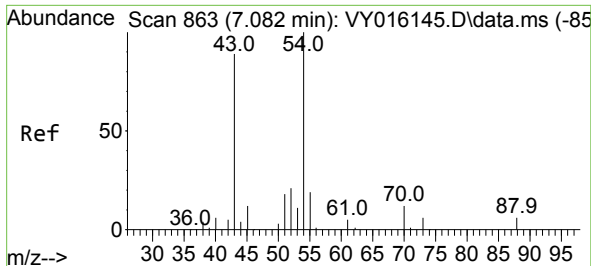
Tgt Ion:113 Resp: 16739
Ion Ratio Lower Upper
113 100
111 105.5 81.3 121.9
192 20.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 10.491 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion: 75 Resp: 26284
Ion Ratio Lower Upper
75 100
110 34.3 17.8 53.5
77 30.5 24.4 36.6

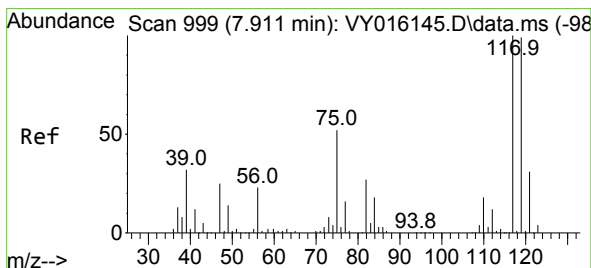
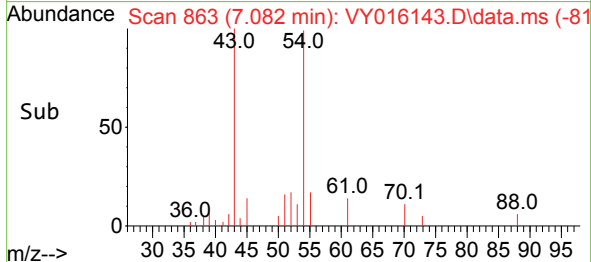
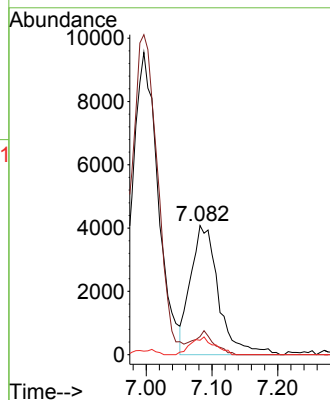
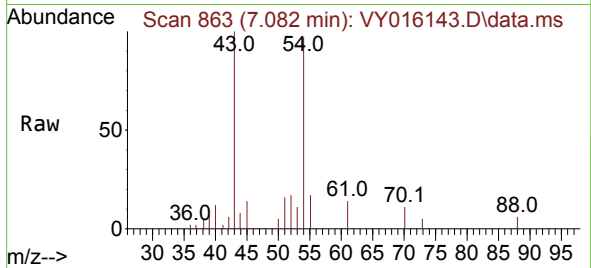




#37
Ethyl Acetate
Concen: 10.780 ug/l
RT: 7.082 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

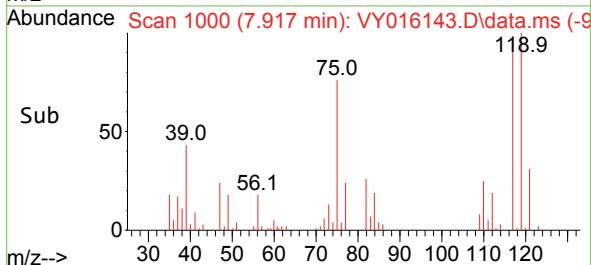
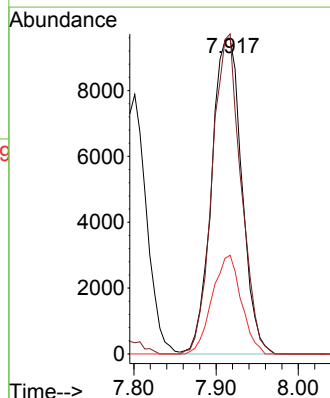
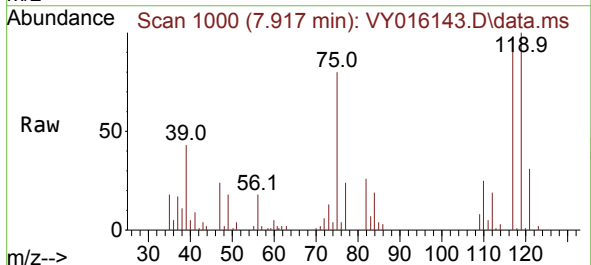
Instrument :
MSVOA_Y
ClientSampleId :

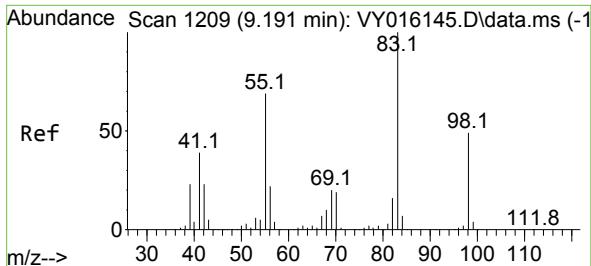
Tgt Ion: 43 Resp: 12029
Ion Ratio Lower Upper
43 100
61 12.4 10.1 15.1
70 11.6 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 9.847 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion: 117 Resp: 24442
Ion Ratio Lower Upper
117 100
119 101.7 76.4 114.6
121 31.4 25.8 38.6





#39

Methylcyclohexane

Concen: 9.792 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

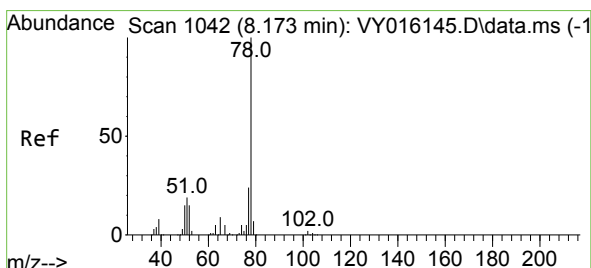
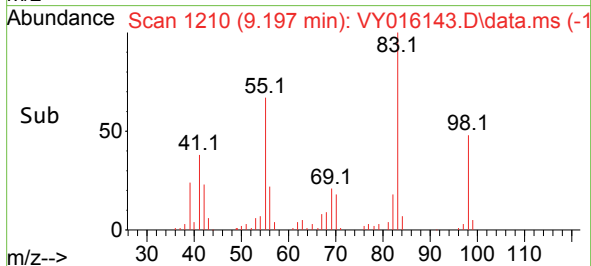
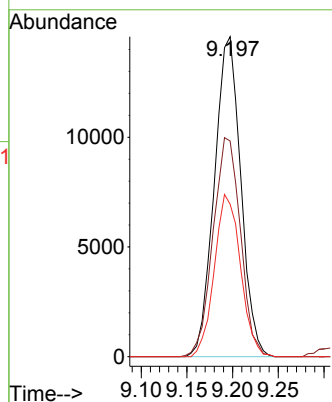
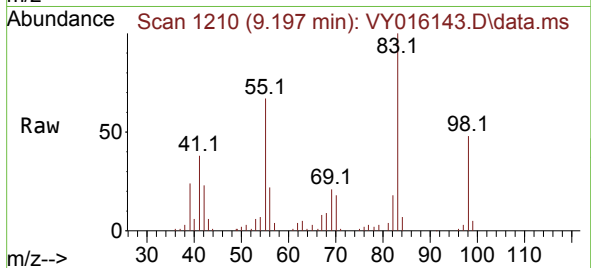
Tgt Ion: 83 Resp: 29283

Ion Ratio Lower Upper

83 100

55 67.4 63.0 94.4

98 47.6 37.4 56.2



#40

Benzene

Concen: 10.497 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY016143.D

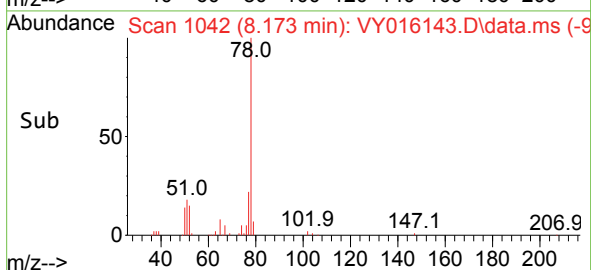
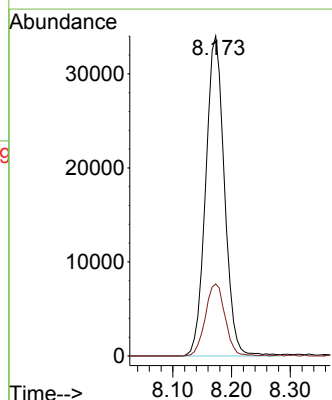
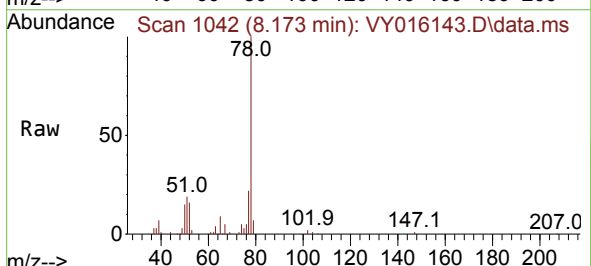
Acq: 31 Oct 2023 12:49

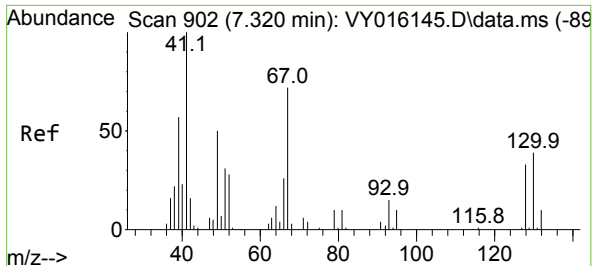
Tgt Ion: 78 Resp: 75500

Ion Ratio Lower Upper

78 100

77 22.5 19.0 28.6

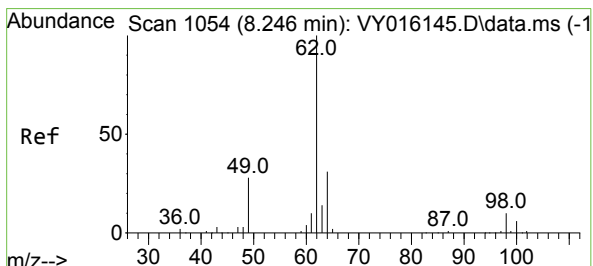
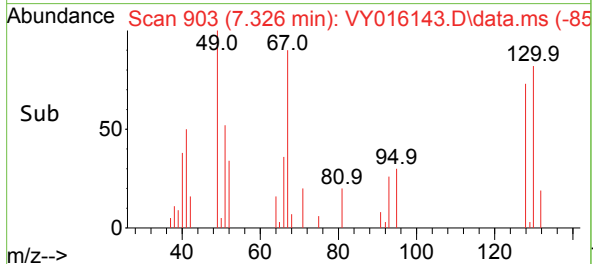
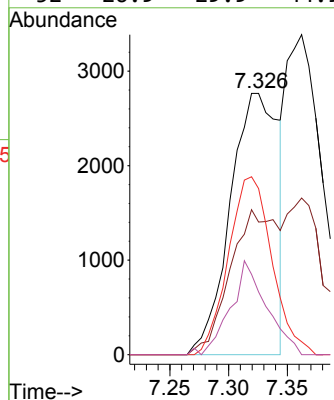
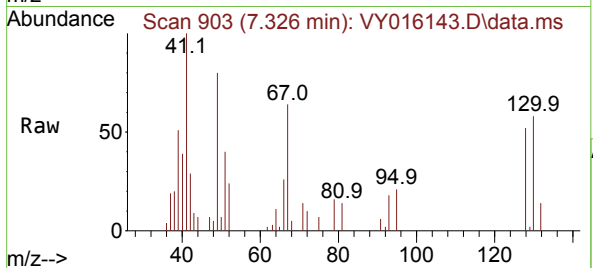




#41
Methacrylonitrile
Concen: 12.110 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

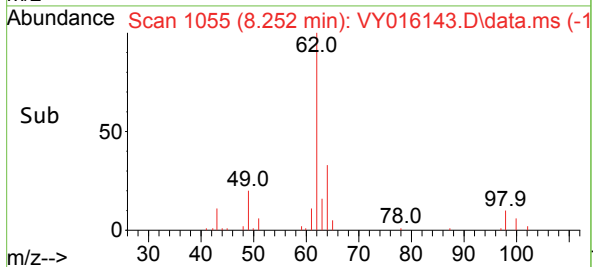
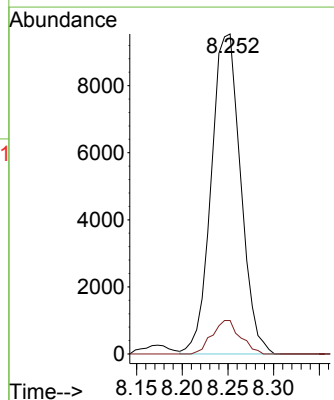
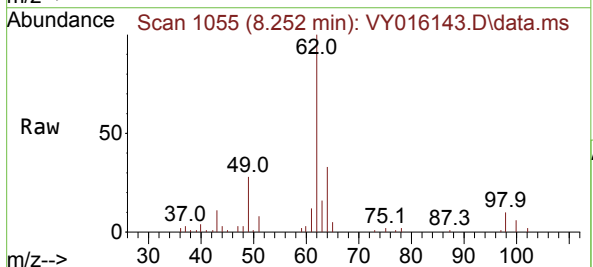
Instrument :
MSVOA_Y
ClientSampleId :

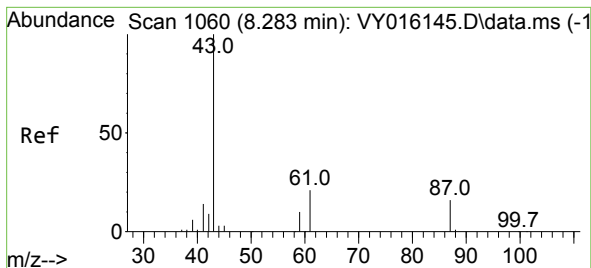
Tgt Ion: 41 Resp: 7844
Ion Ratio Lower Upper
41 100
39 54.8 52.1 78.1
67 61.8 66.2 99.2#
52 26.9 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 10.636 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion: 62 Resp: 21349
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8





#43

Isopropyl Acetate

Concen: 10.709 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. -0.000 min

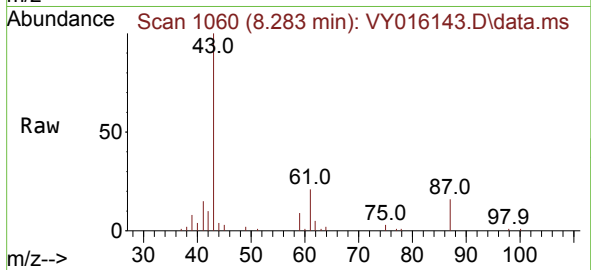
Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

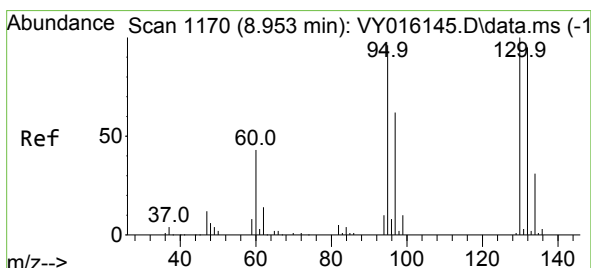
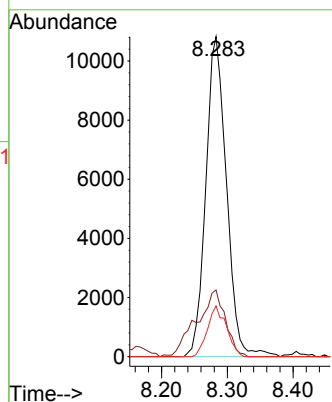
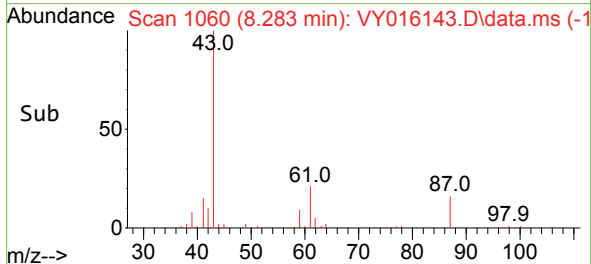
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	23637
Ion	Ratio	Lower	Upper
43	100		
61	28.9	21.1	31.7
87	14.6	9.8	14.8



#44

Trichloroethene

Concen: 10.553 ug/l

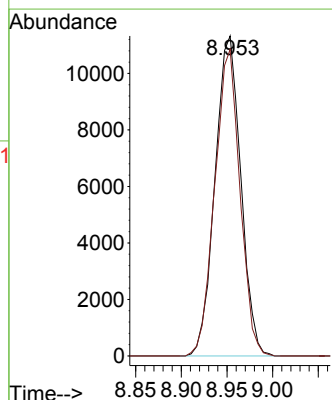
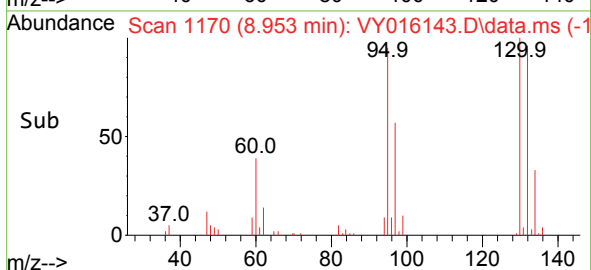
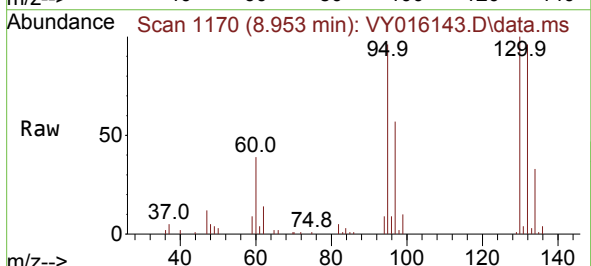
RT: 8.953 min Scan# 1170

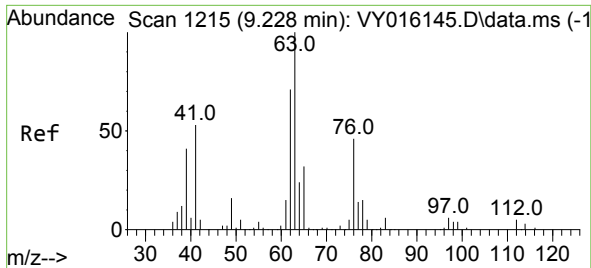
Delta R.T. -0.000 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

Tgt Ion:	130	Resp:	22213
Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	196.0

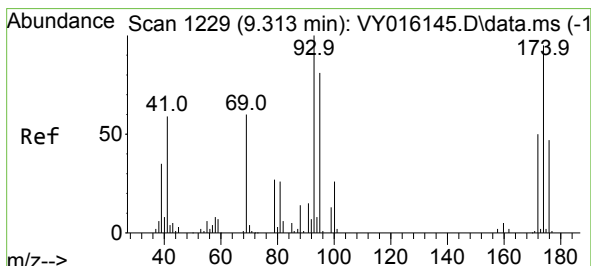
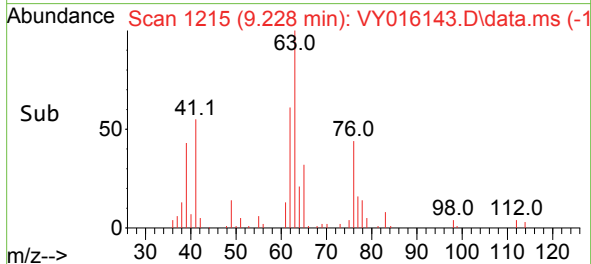
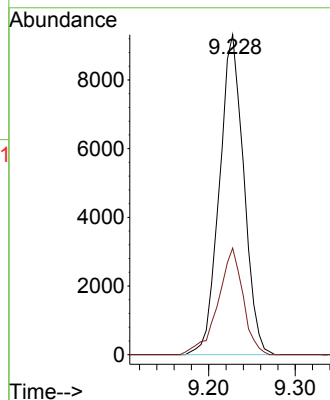
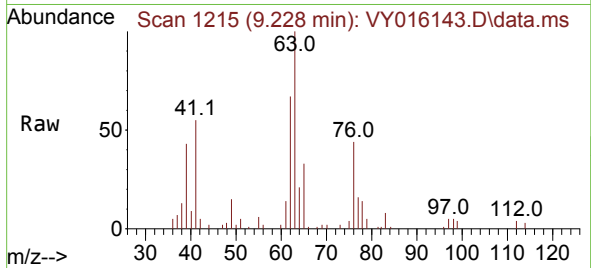




#45
1,2-Dichloropropane
Concen: 10.513 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

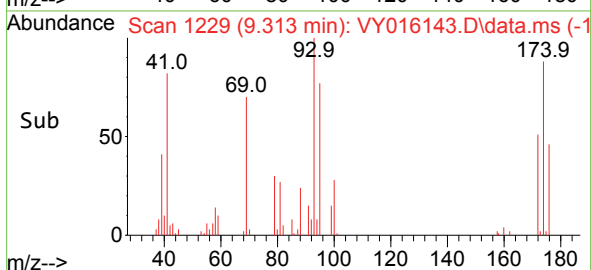
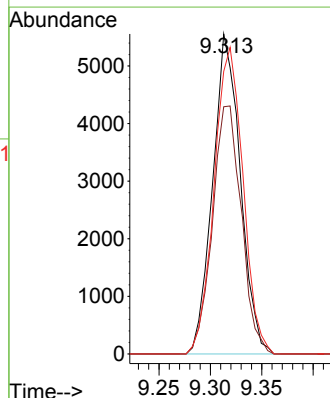
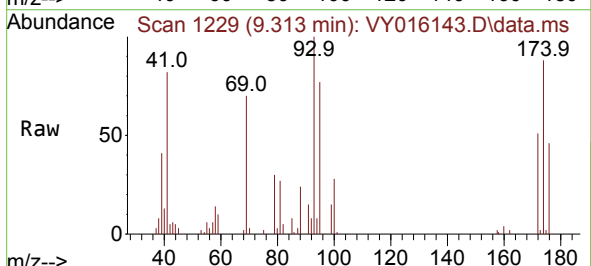
Instrument :
MSVOA_Y
ClientSampleId :

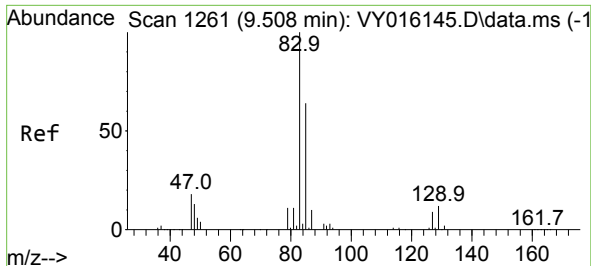
Tgt Ion: 63 Resp: 18191
Ion Ratio Lower Upper
63 100
65 33.3 23.8 35.6



#46
Dibromomethane
Concen: 10.565 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion: 93 Resp: 10370
Ion Ratio Lower Upper
93 100
95 81.1 66.6 100.0
174 100.3 84.8 127.2

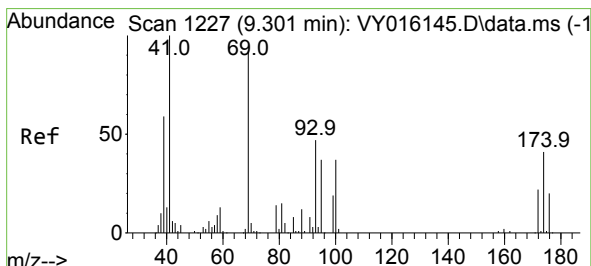
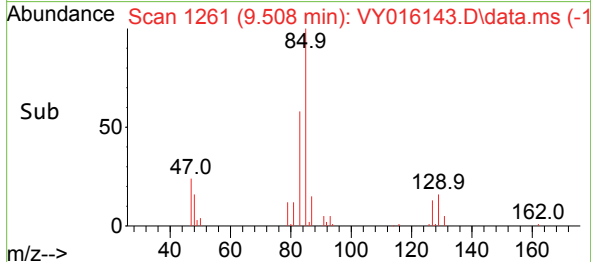
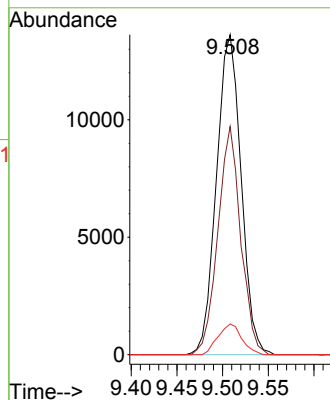
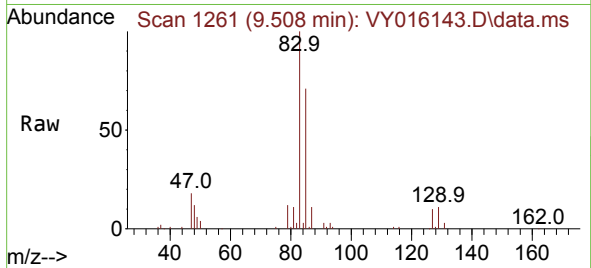




#47
Bromodichloromethane
Concen: 10.245 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

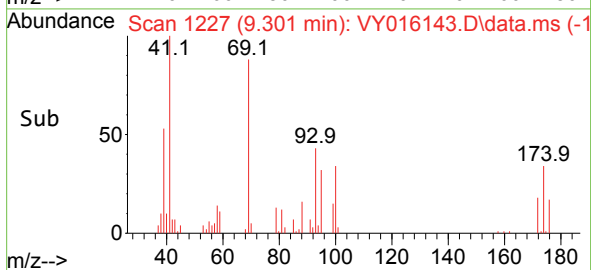
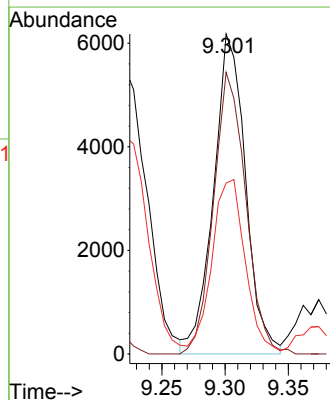
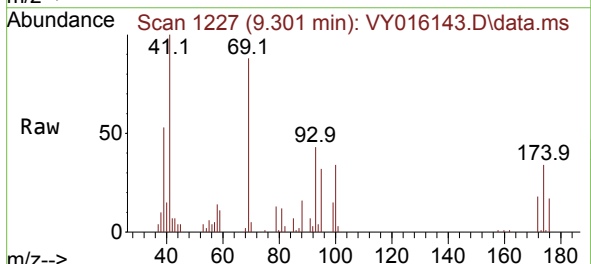
Instrument :
MSVOA_Y
ClientSampleId :

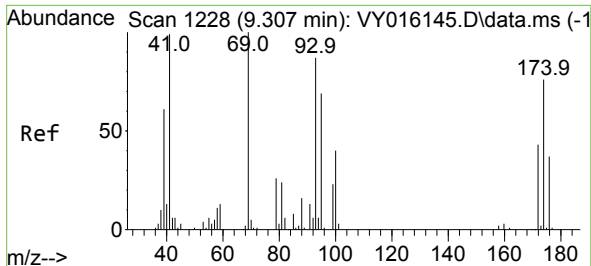
Tgt Ion: 83 Resp: 25551
Ion Ratio Lower Upper
83 100
85 71.3 50.1 75.1
127 9.6 7.1 10.7



#48
Methyl methacrylate
Concen: 10.809 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion: 41 Resp: 10849
Ion Ratio Lower Upper
41 100
69 88.6 64.5 96.7
39 57.0 50.8 76.2





#49

1,4-Dioxane

Concen: 163.411 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

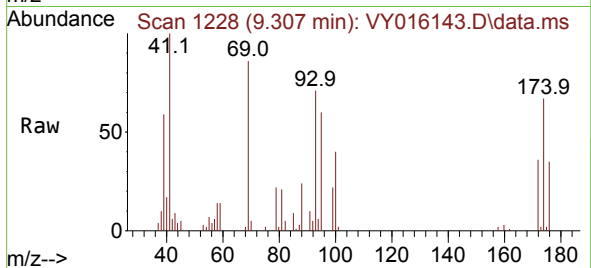
Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :



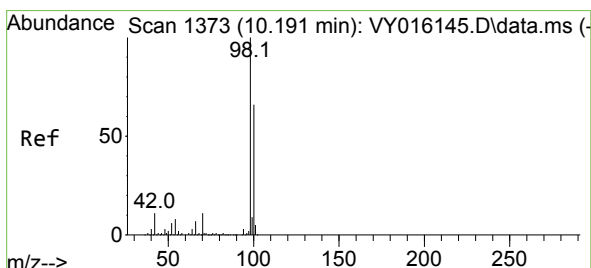
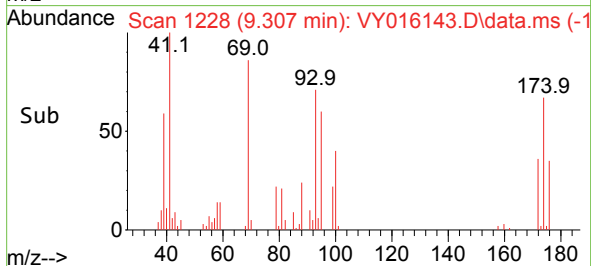
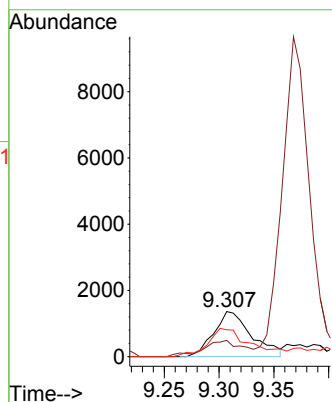
Tgt Ion: 88 Resp: 3255

Ion Ratio Lower Upper

88 100

43 37.4 0.0 0.0#

58 71.1 30.9 46.3#



#50

Toluene-d8

Concen: 9.505 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016143.D

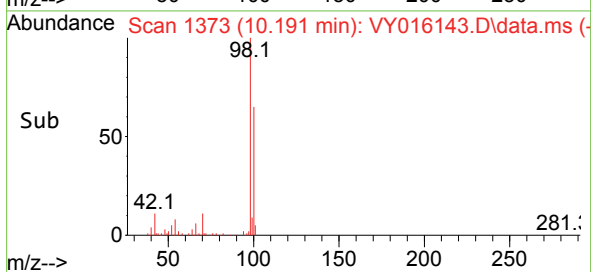
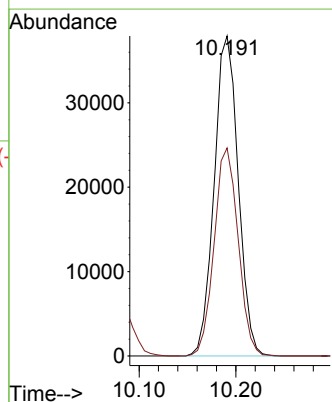
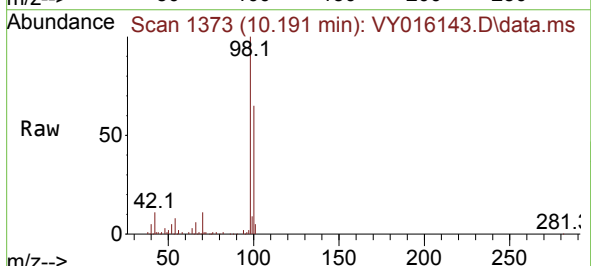
Acq: 31 Oct 2023 12:49

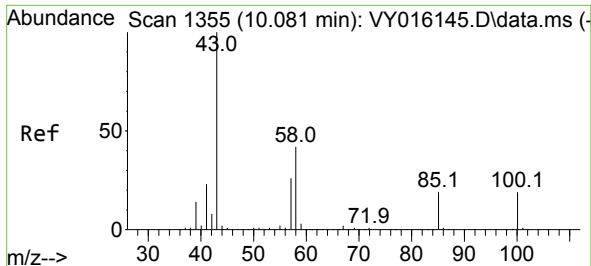
Tgt Ion: 98 Resp: 65389

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1

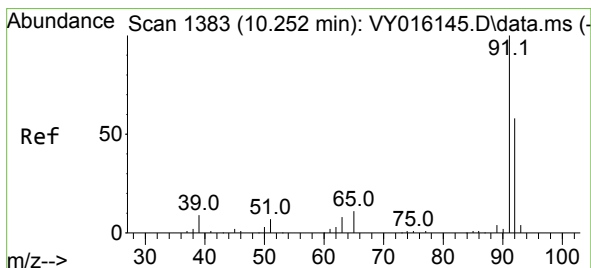
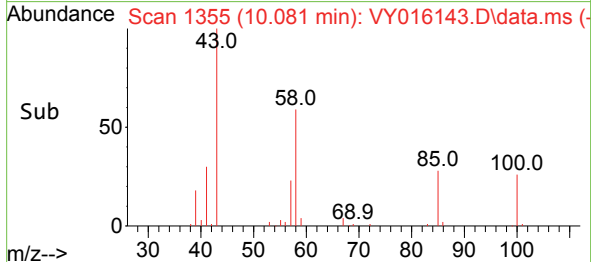
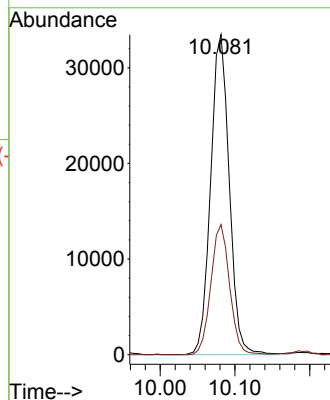
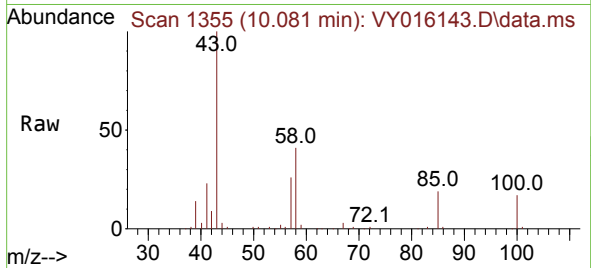




#51
4-Methyl-2-Pentanone
Concen: 52.742 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

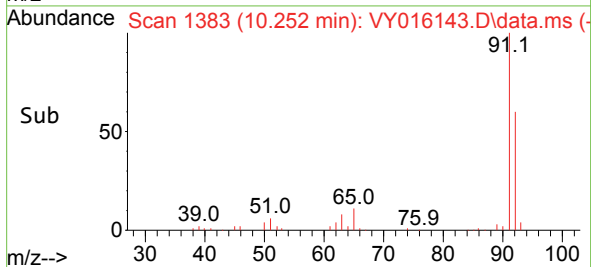
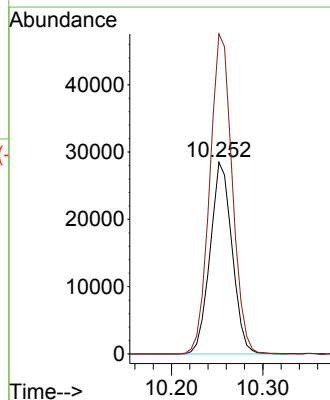
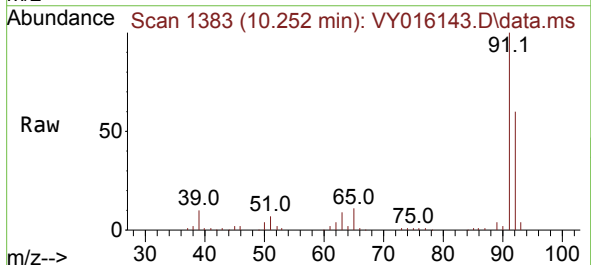
Instrument :
MSVOA_Y
ClientSampleId :

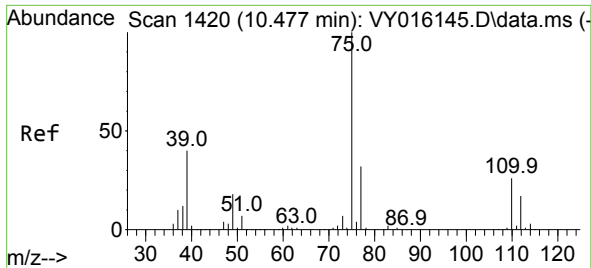
Tgt Ion: 43 Resp: 58089
Ion Ratio Lower Upper
43 100
58 40.9 29.0 43.6



#52
Toluene
Concen: 10.193 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion: 92 Resp: 47506
Ion Ratio Lower Upper
92 100
91 170.8 143.8 215.6

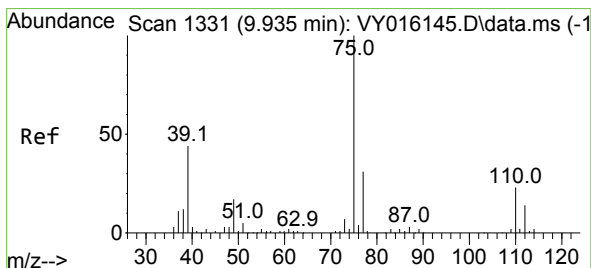
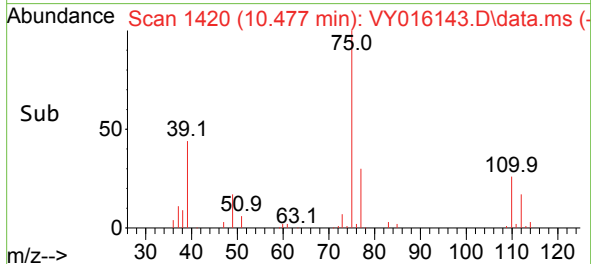
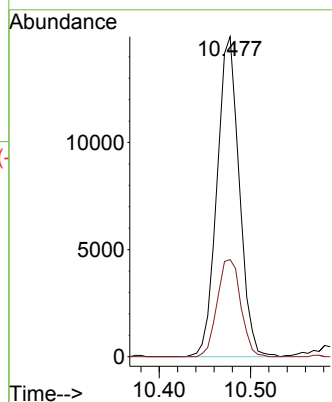
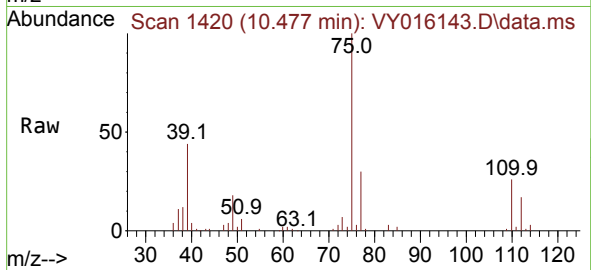




#53
 t-1,3-Dichloropropene
 Concen: 10.162 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016143.D
 Acq: 31 Oct 2023 12:49

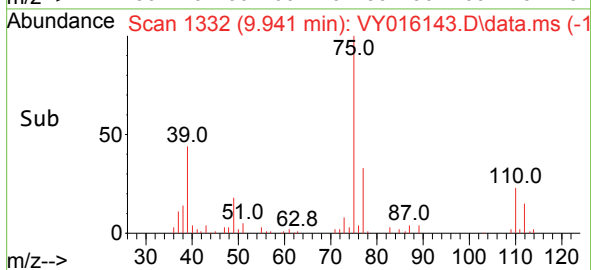
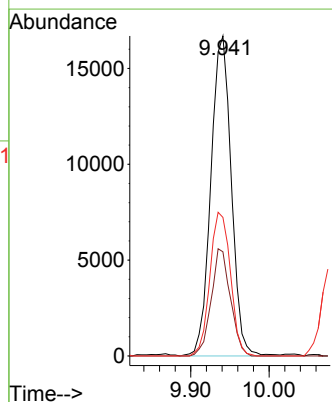
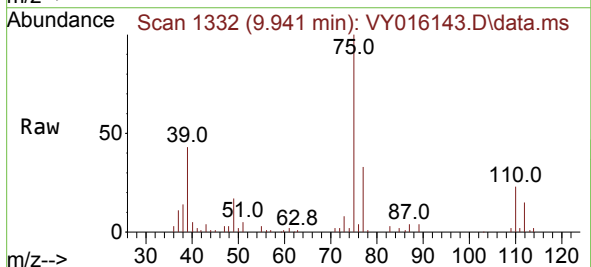
Instrument :
 MSVOA_Y
 ClientSampleId :

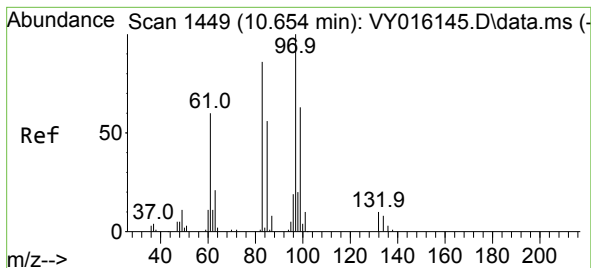
Tgt Ion: 75 Resp: 25300
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 10.366 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY016143.D
 Acq: 31 Oct 2023 12:49

Tgt Ion: 75 Resp: 30283
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.2 36.4
 39 43.3 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 10.824 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 14945

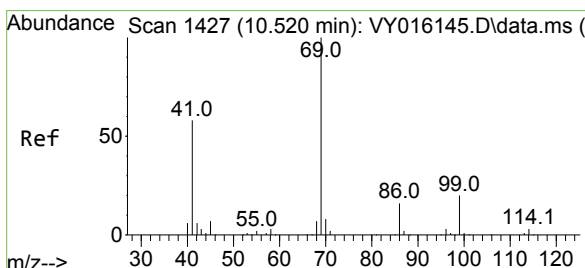
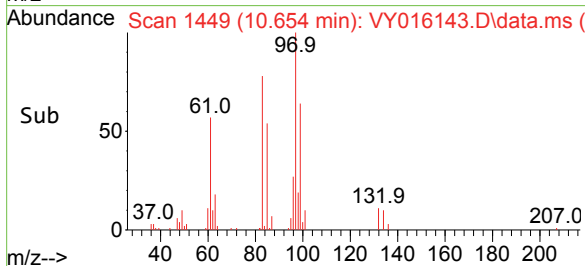
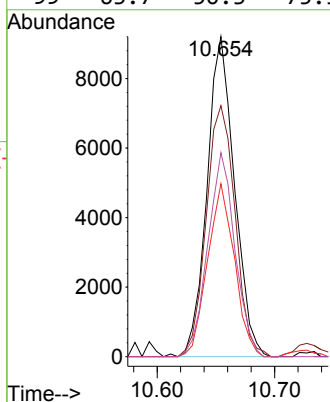
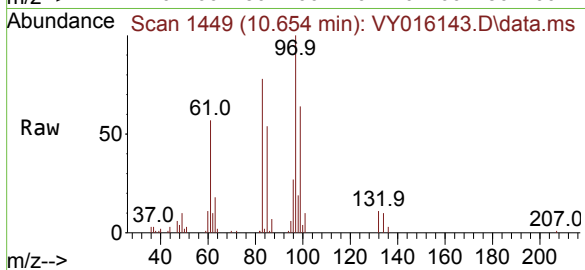
Ion Ratio Lower Upper

97 100

83 78.4 72.0 108.0

85 54.1 45.4 68.0

99 63.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 9.955 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

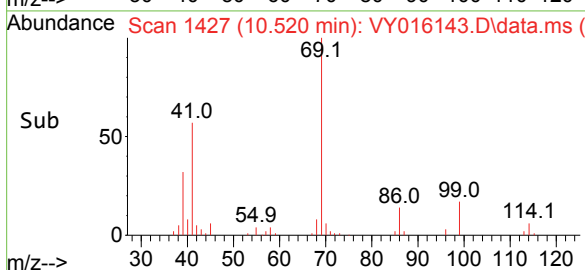
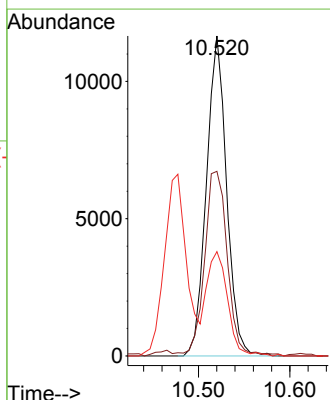
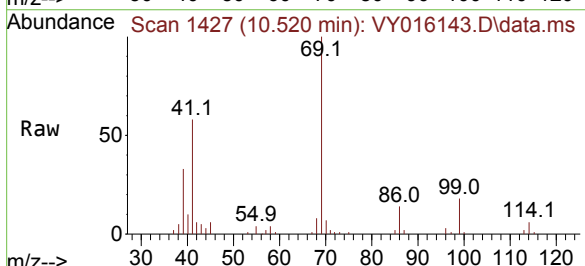
Tgt Ion: 69 Resp: 17851

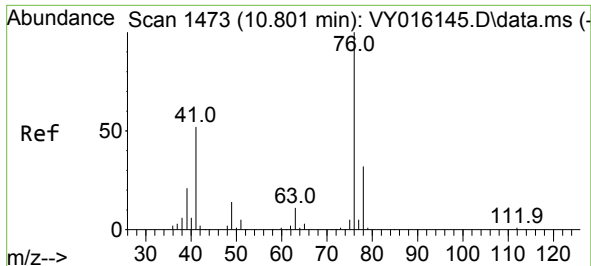
Ion Ratio Lower Upper

69 100

41 65.0 57.6 86.4

39 33.6 34.1 51.1#

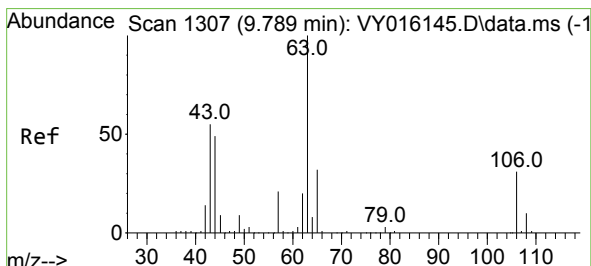
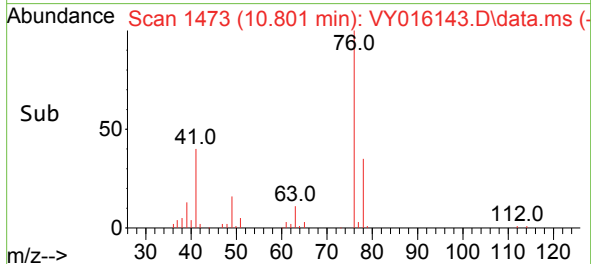
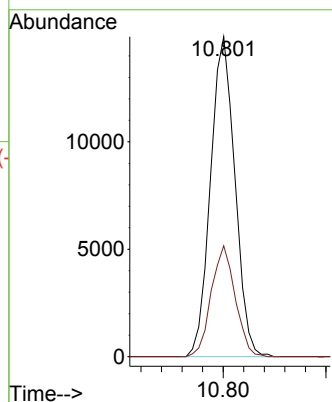
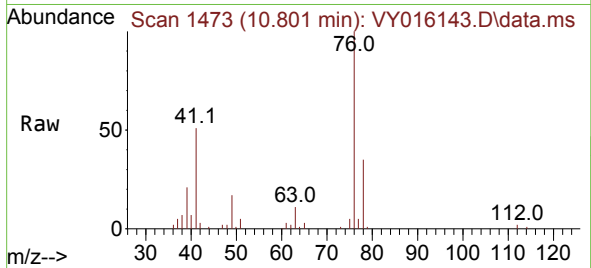




#57
1,3-Dichloropropane
Concen: 10.447 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

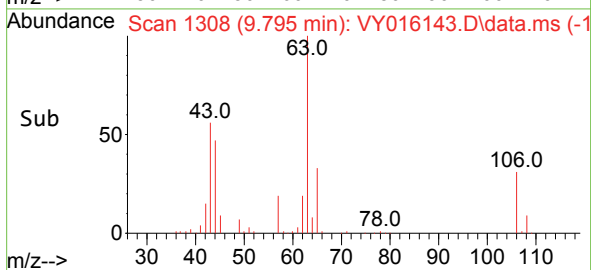
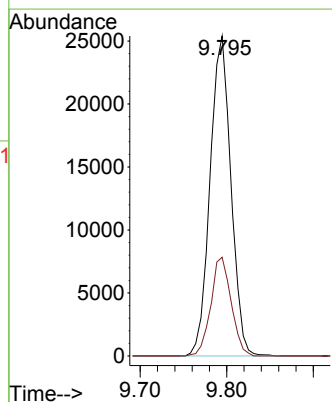
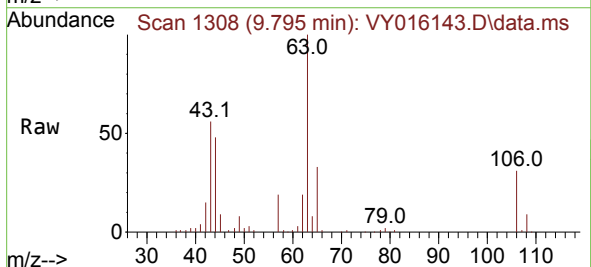
Instrument :
MSVOA_Y
ClientSampleId :

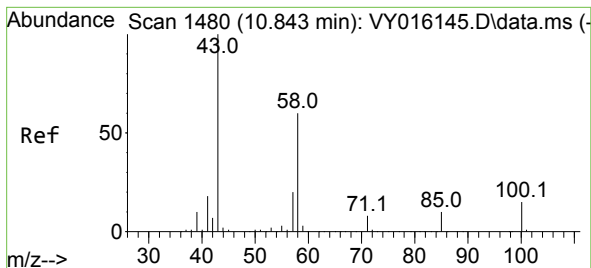
Tgt Ion: 76 Resp: 24556
Ion Ratio Lower Upper
76 100
78 34.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 48.898 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion: 63 Resp: 42516
Ion Ratio Lower Upper
63 100
106 30.1 21.2 31.8

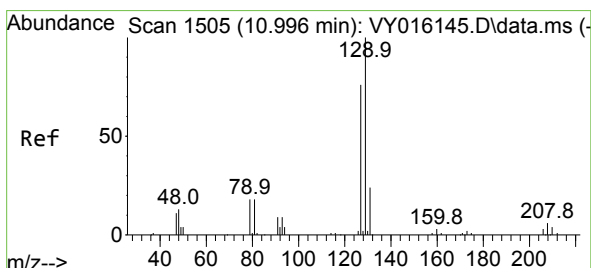
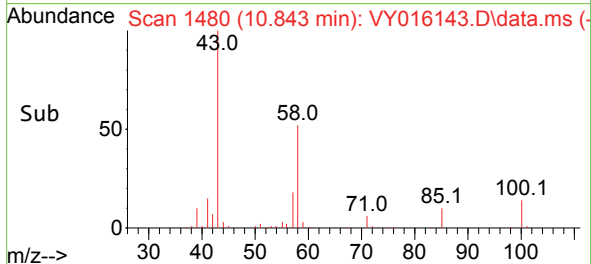
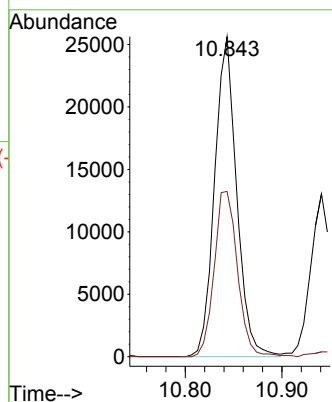
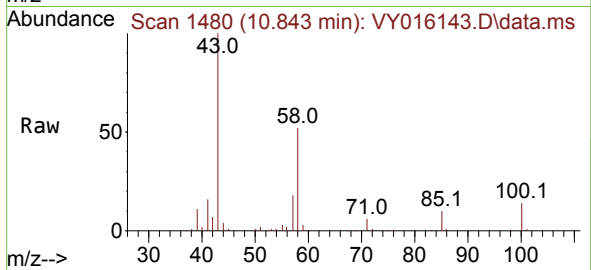




#59
2-Hexanone
Concen: 53.742 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

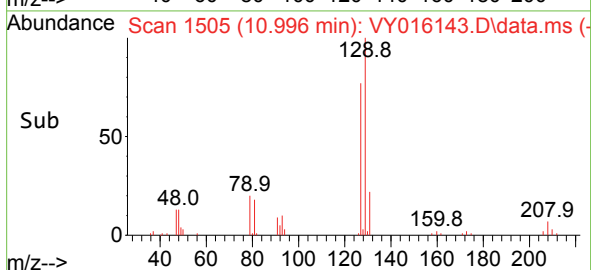
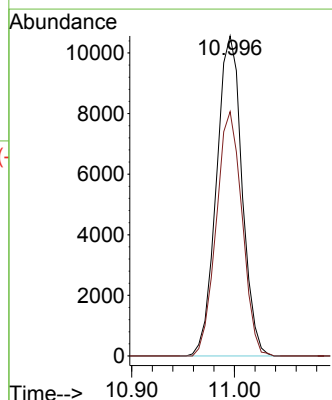
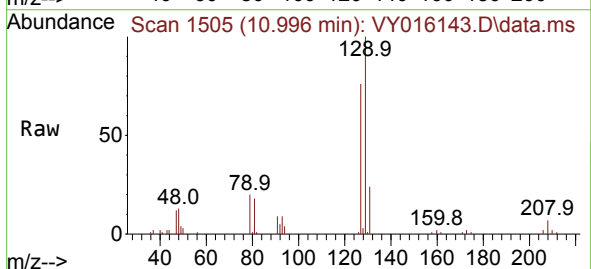
Instrument :
MSVOA_Y
ClientSampleId :

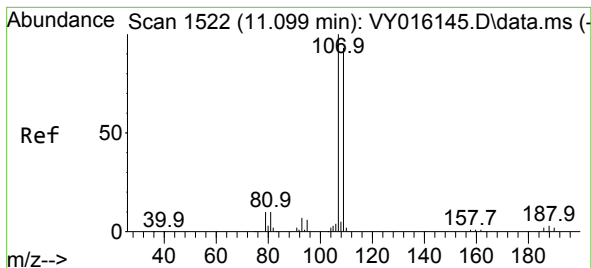
Tgt Ion: 43 Resp: 40561
Ion Ratio Lower Upper
43 100
58 54.6 25.1 75.3



#60
Dibromochloromethane
Concen: 10.525 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion: 129 Resp: 18231
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

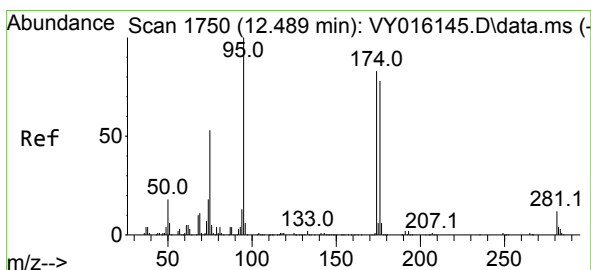
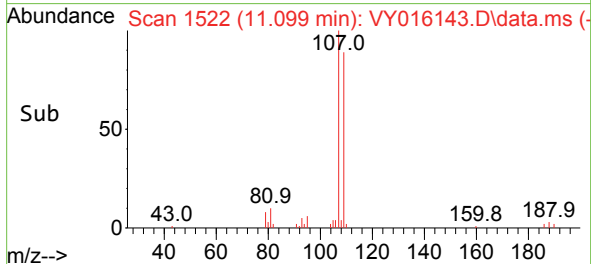
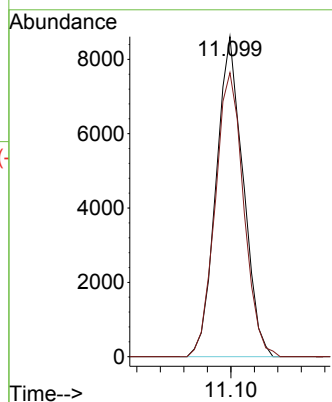
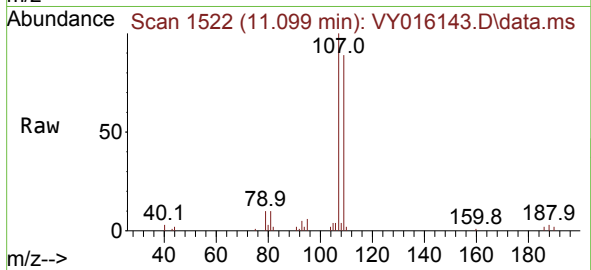




#61
1,2-Dibromoethane
Concen: 10.491 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

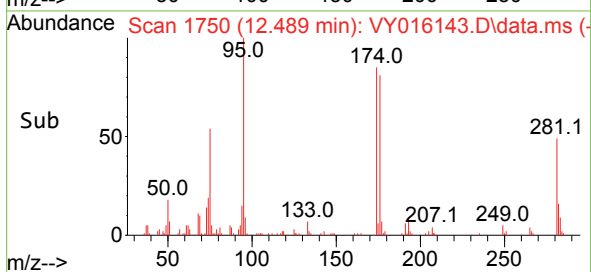
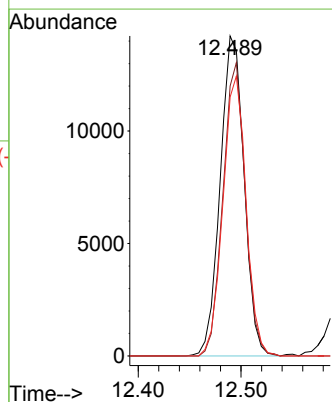
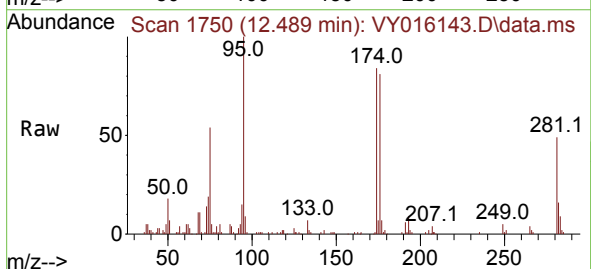
Instrument :
MSVOA_Y
ClientSampleId :

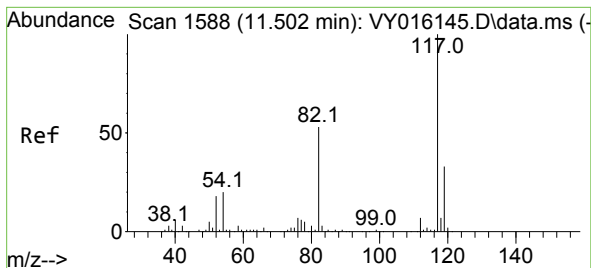
Tgt Ion:107 Resp: 13778
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 9.762 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

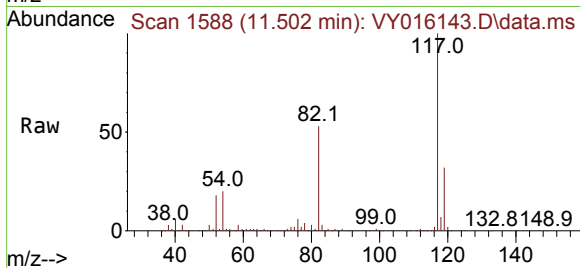
Tgt Ion: 95 Resp: 22964
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 84.8 0.0 173.8



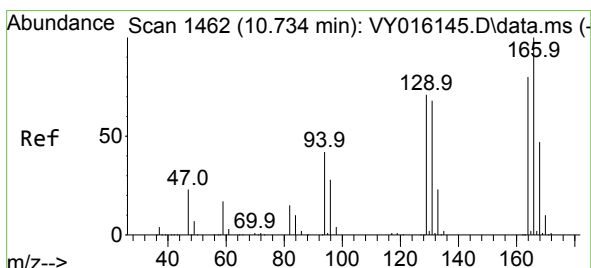
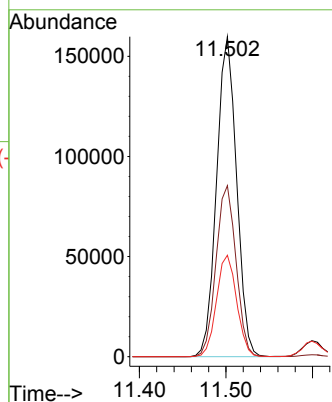
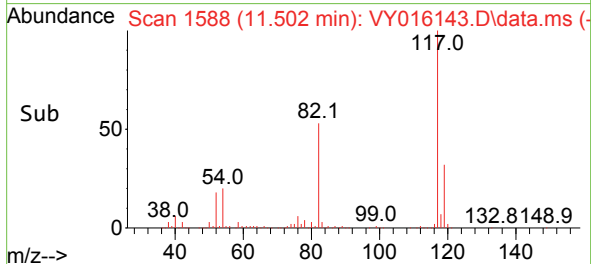


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

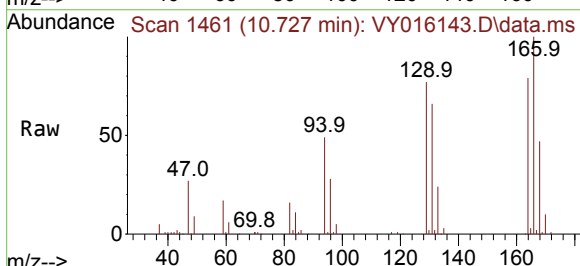
Instrument :
MSVOA_Y
ClientSampleId :



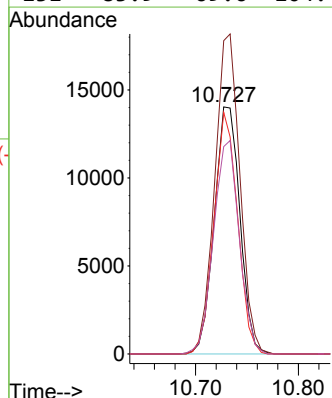
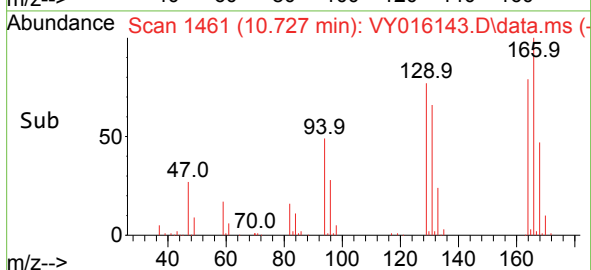
Tgt Ion:117 Resp: 256463
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.7 26.3 39.5

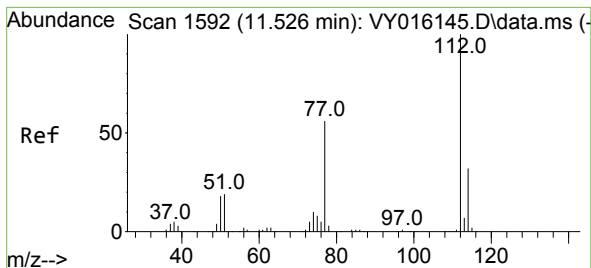


#64
Tetrachloroethene
Concen: 10.620 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49



Tgt Ion:164 Resp: 24227
Ion Ratio Lower Upper
164 100
166 126.8 103.0 154.6
129 97.8 77.2 115.8
131 83.9 69.6 104.4

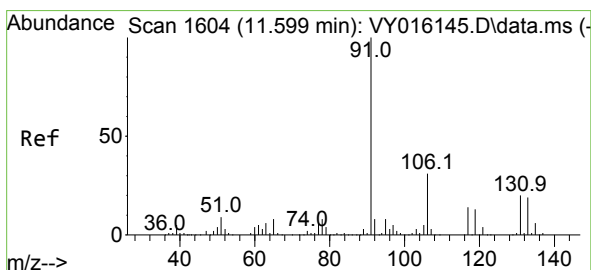
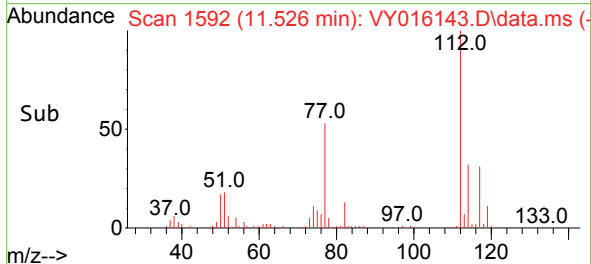
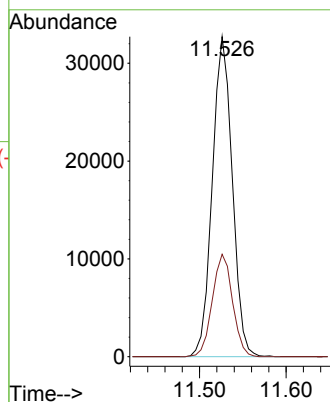
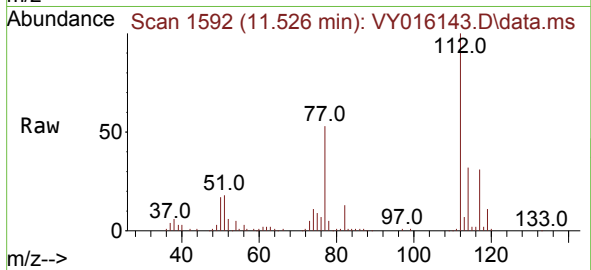




#65
Chlorobenzene
Concen: 10.283 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

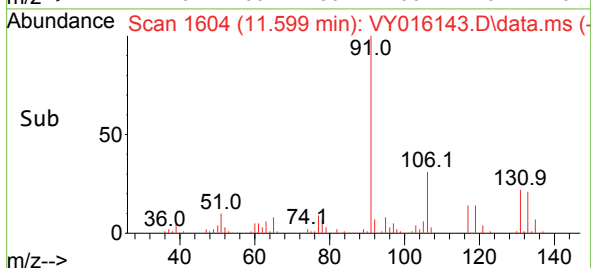
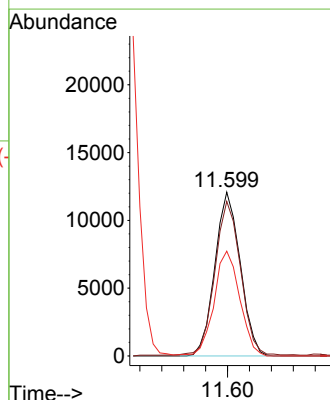
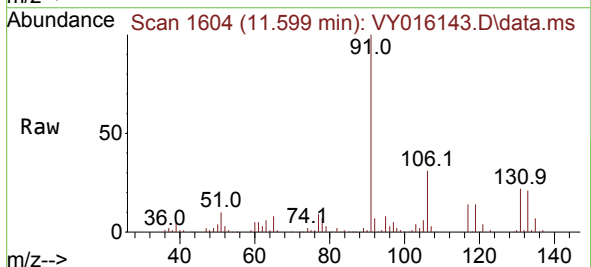
Instrument :
MSVOA_Y
ClientSampleId :

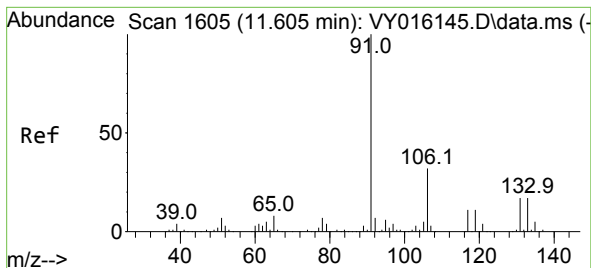
Tgt Ion:112 Resp: 52395
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 10.326 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion:131 Resp: 19487
Ion Ratio Lower Upper
131 100
133 97.4 47.5 142.6
119 64.6 31.6 94.7





#67

Ethyl Benzene

Concen: 10.099 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. -0.000 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

Instrument :

MSVOA_Y

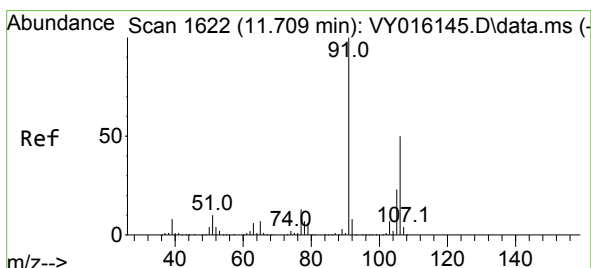
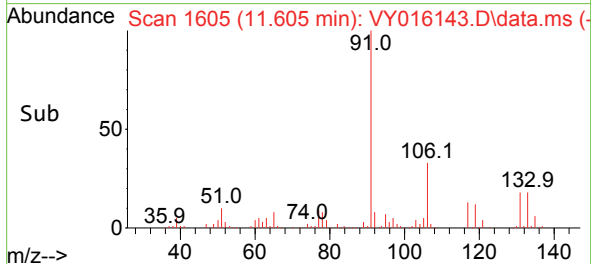
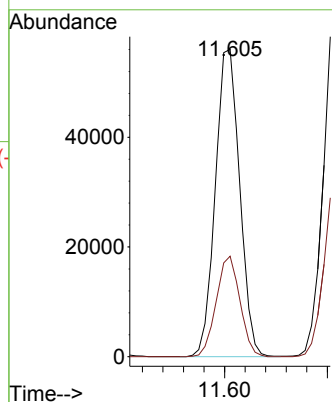
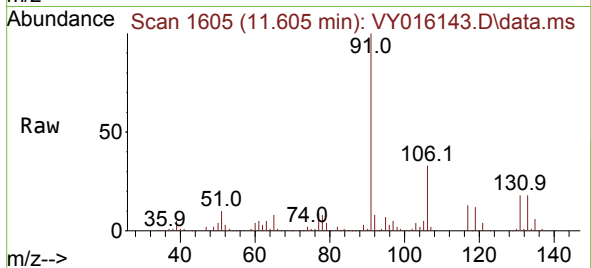
ClientSampleId :

Tgt Ion: 91 Resp: 92035

Ion Ratio Lower Upper

91 100

106 32.7 24.6 36.8



#68

m/p-Xylenes

Concen: 20.101 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016143.D

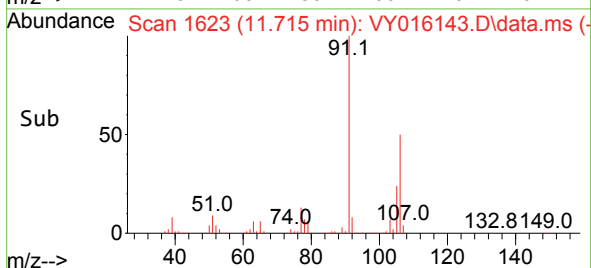
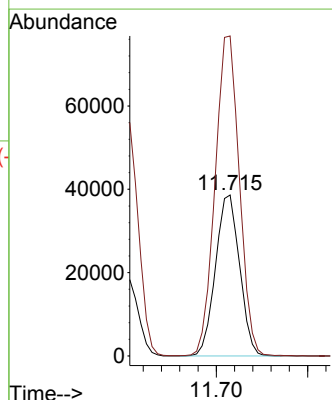
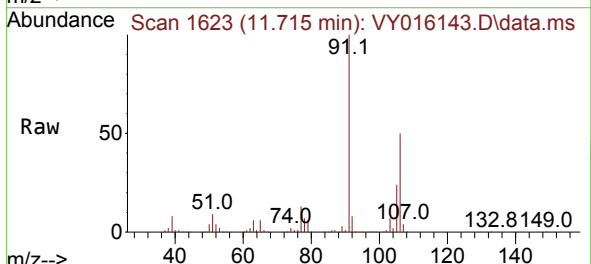
Acq: 31 Oct 2023 12:49

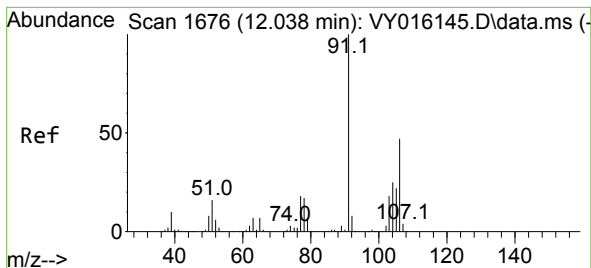
Tgt Ion:106 Resp: 70787

Ion Ratio Lower Upper

106 100

91 200.5 166.1 249.1

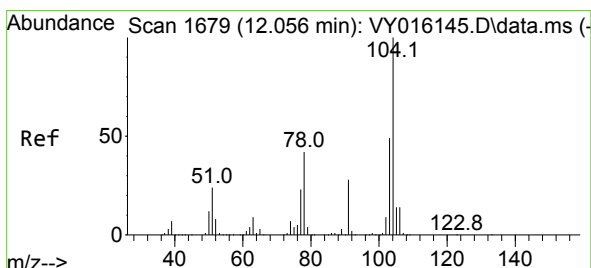
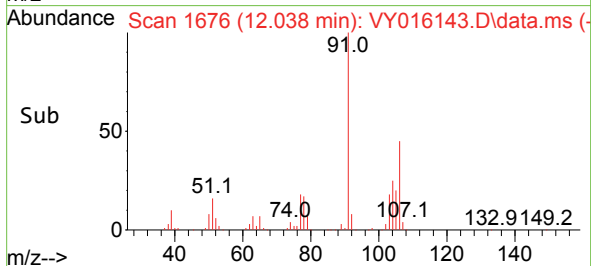
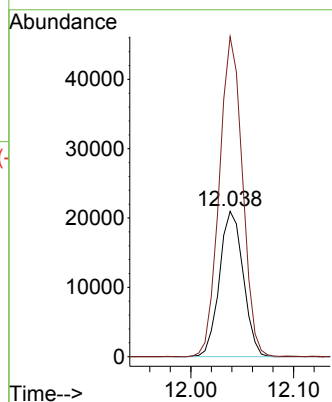
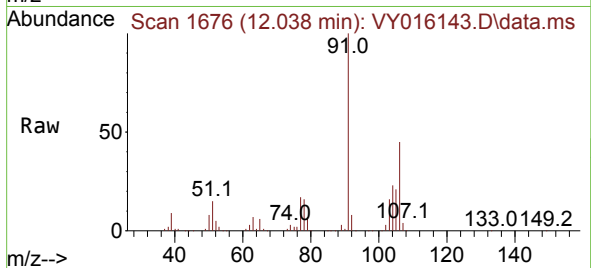




#69
o-Xylene
Concen: 10.029 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

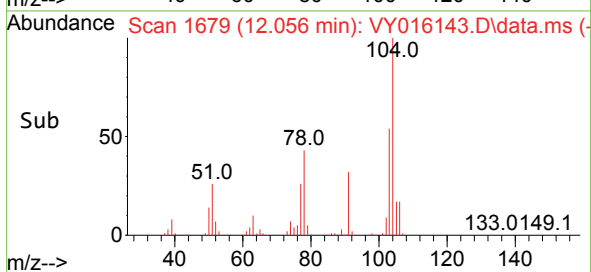
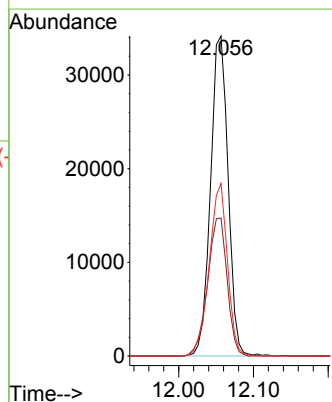
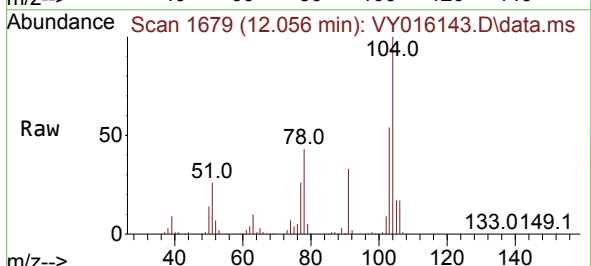
Instrument :
MSVOA_Y
ClientSampleId :

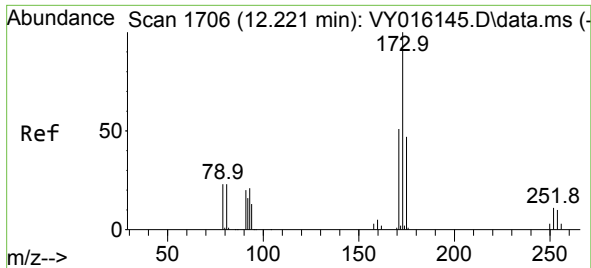
Tgt Ion:106 Resp: 33720
Ion Ratio Lower Upper
106 100
91 214.6 108.1 324.3



#70
Styrene
Concen: 9.987 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion:104 Resp: 55822
Ion Ratio Lower Upper
104 100
78 47.8 41.5 62.3
103 55.9 44.6 67.0

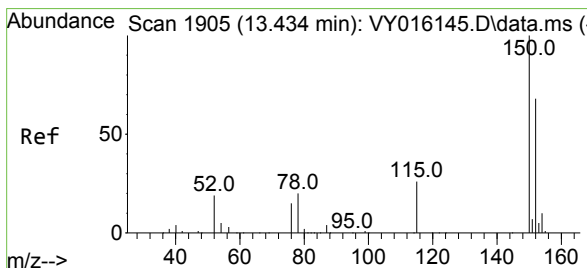
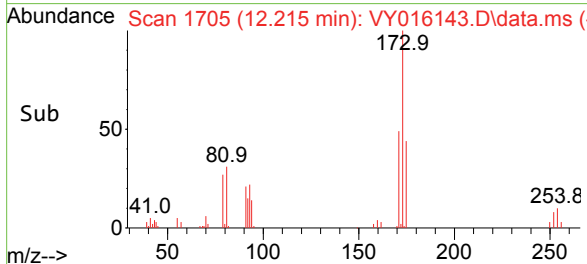
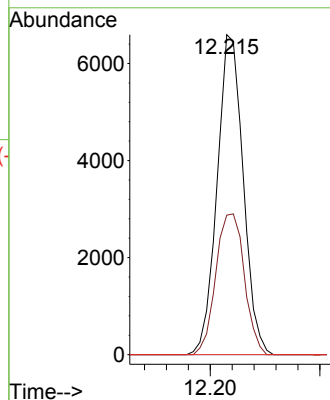
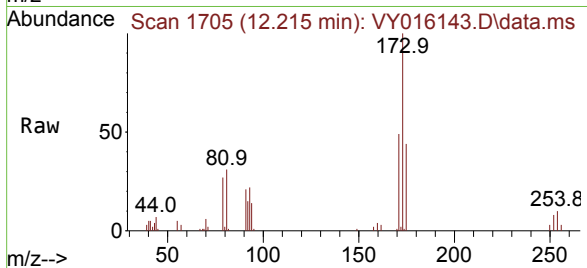




#71
Bromoform
Concen: 10.408 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. -0.006 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

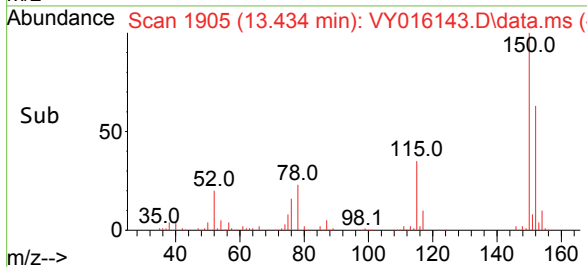
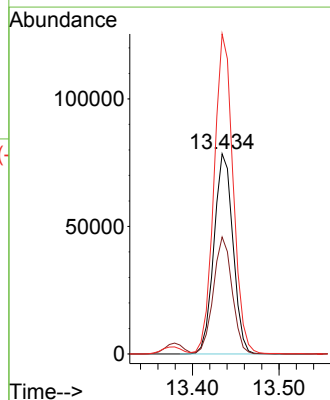
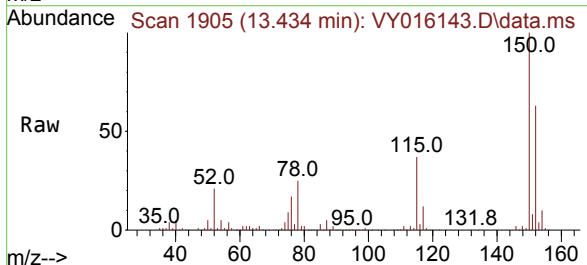
Instrument :
MSVOA_Y
ClientSampleId :

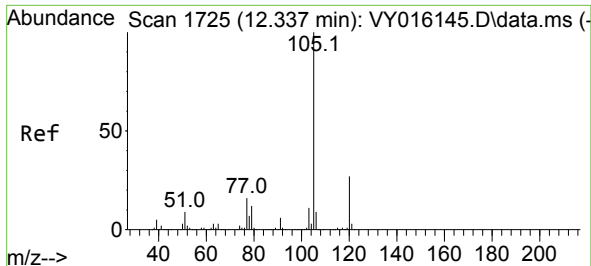
Tgt Ion:173 Resp: 10897
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion:152 Resp: 119527
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 160.7 0.0 348.8

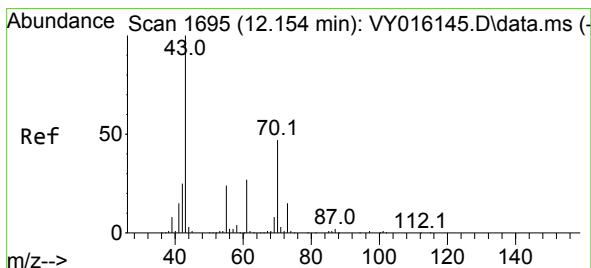
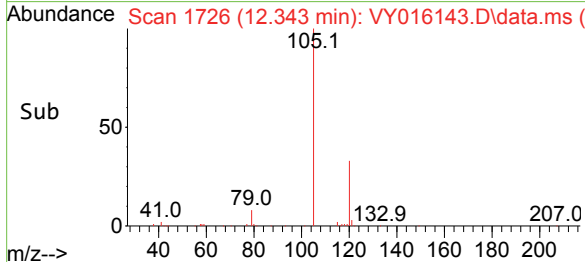
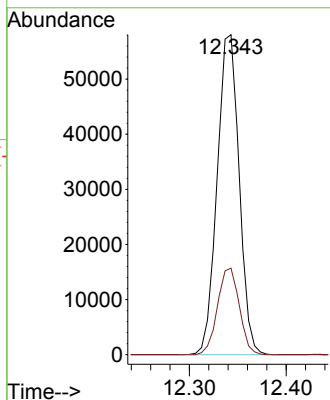
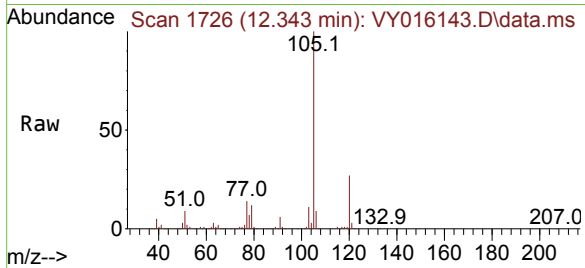




#73
Isopropylbenzene
Concen: 10.215 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

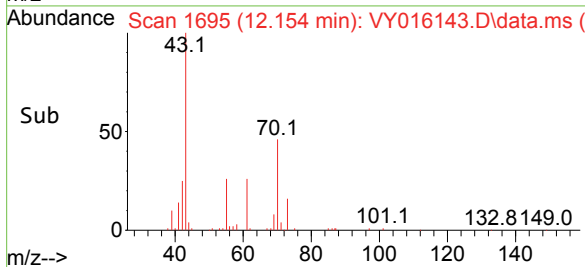
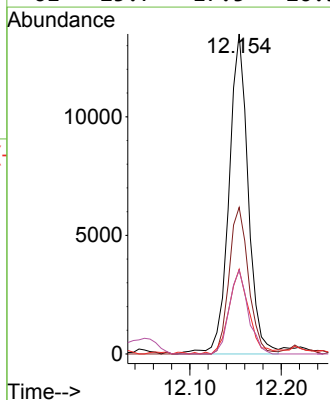
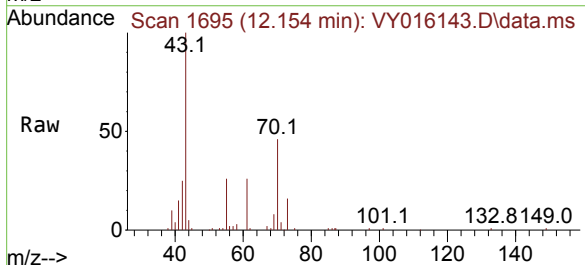
Instrument :
MSVOA_Y
ClientSampleId :

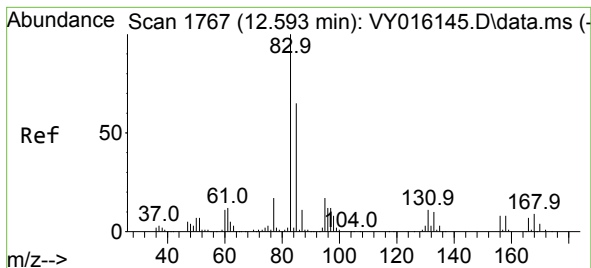
Tgt Ion:105 Resp: 91589
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 10.113 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion: 43 Resp: 19703
Ion Ratio Lower Upper
43 100
70 46.2 29.7 44.5#
55 27.8 18.3 27.5#
61 25.7 17.5 26.3

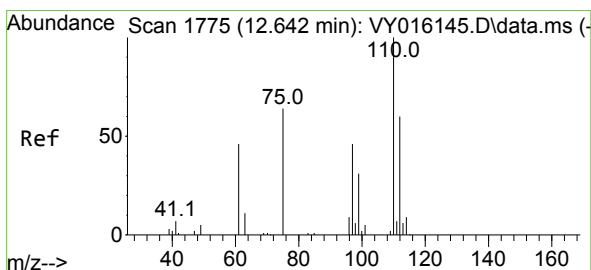
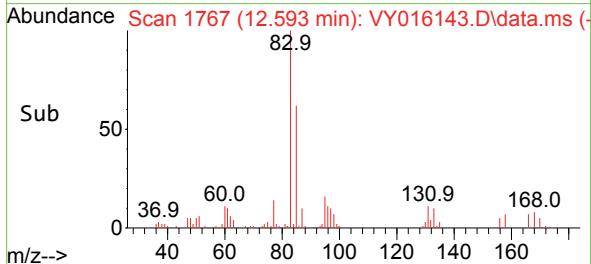
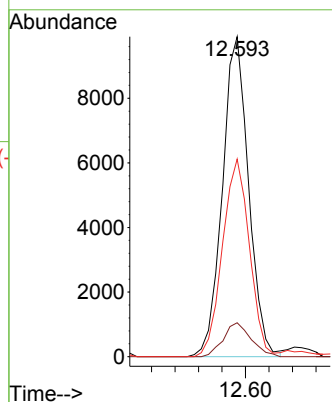
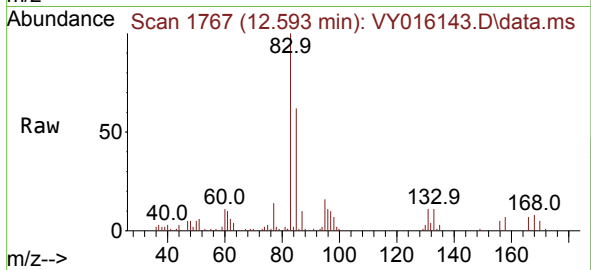




#75
 1,1,2,2-Tetrachloroethane
 Concen: 10.750 ug/l
 RT: 12.593 min Scan# 1767
 Delta R.T. -0.000 min
 Lab File: VY016143.D
 Acq: 31 Oct 2023 12:49

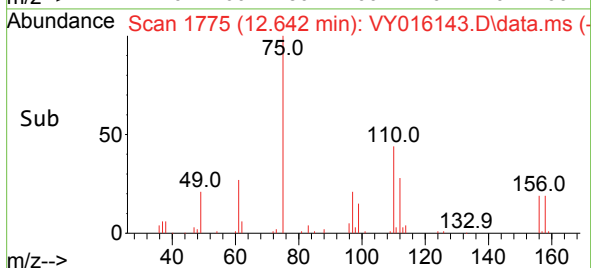
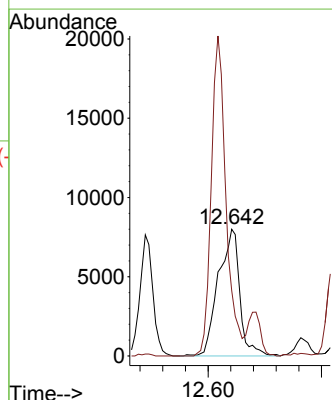
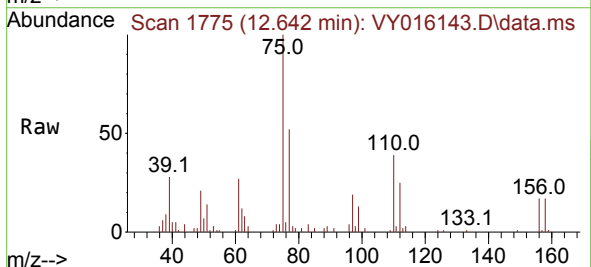
Instrument :
 MSVOA_Y
 ClientSampleId :

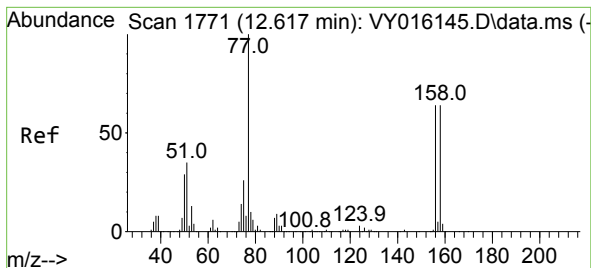
Tgt Ion: 83 Resp: 15337
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.4 16.2
 85 63.5 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 16.641 ug/l
 RT: 12.642 min Scan# 1775
 Delta R.T. -0.000 min
 Lab File: VY016143.D
 Acq: 31 Oct 2023 12:49

Tgt Ion: 75 Resp: 20990
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.495 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

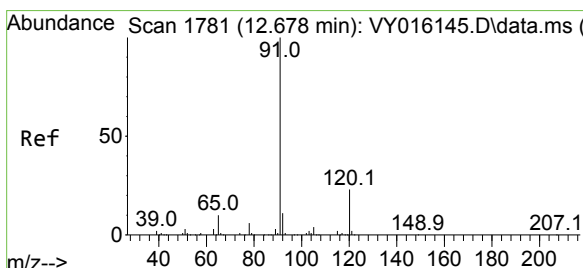
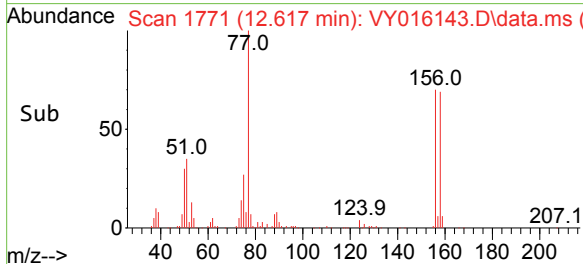
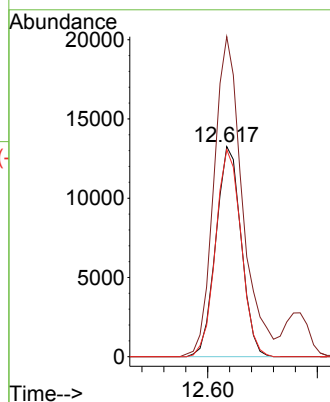
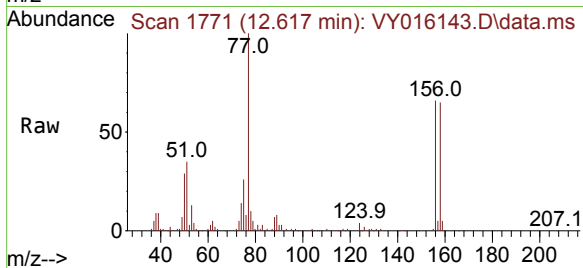
Tgt Ion:156 Resp: 21308

Ion Ratio Lower Upper

156 100

77 170.9 92.8 278.6

158 99.3 48.4 145.3



#78

n-propylbenzene

Concen: 10.160 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016143.D

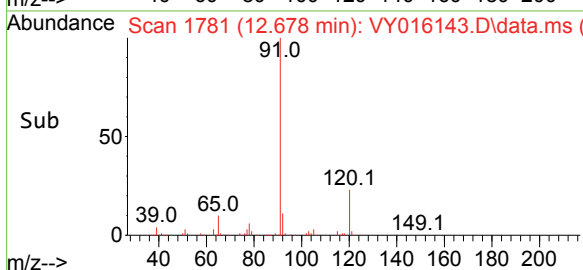
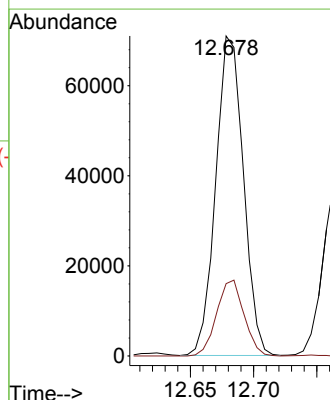
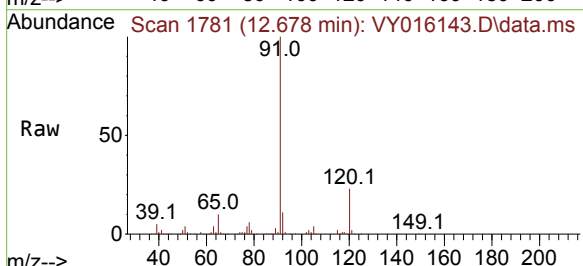
Acq: 31 Oct 2023 12:49

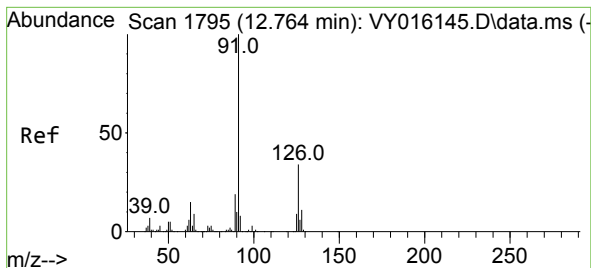
Tgt Ion: 91 Resp: 107701

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

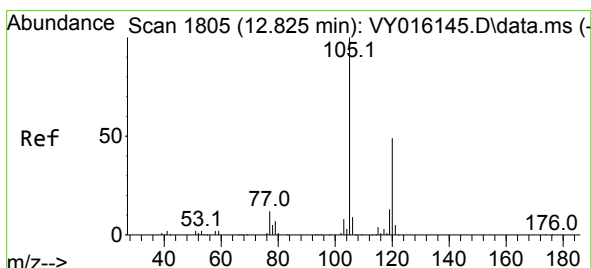
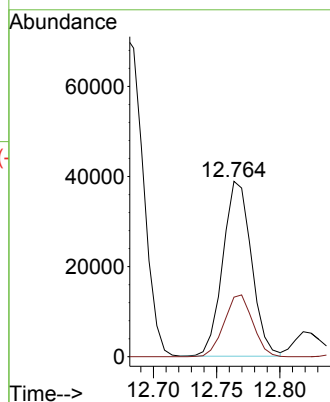
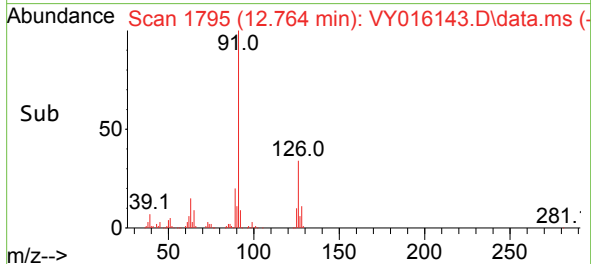
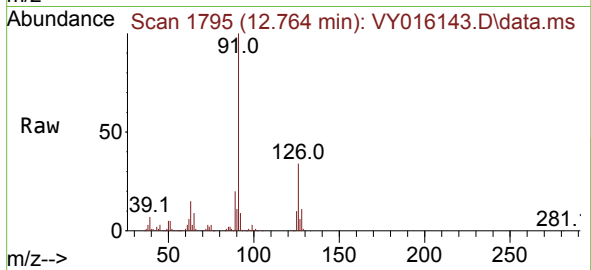




#79
2-Chlorotoluene
Concen: 10.354 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

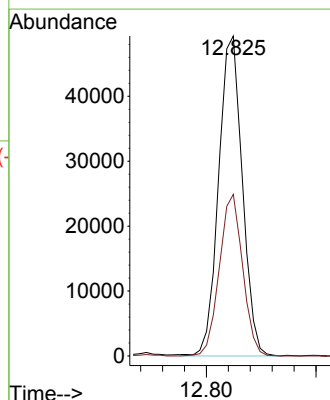
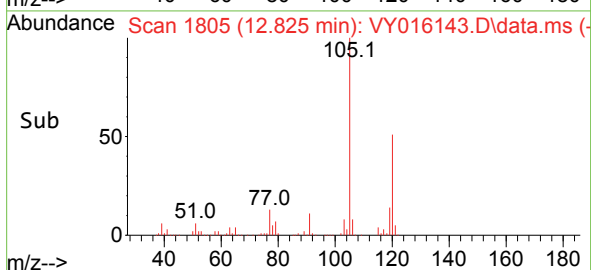
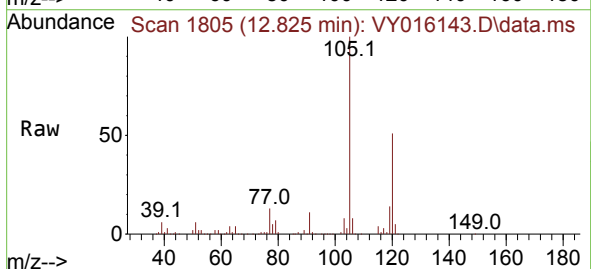
Instrument :
MSVOA_Y
ClientSampleId :

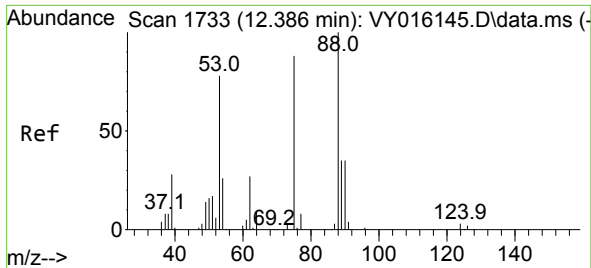
Tgt Ion: 91 Resp: 61216
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 10.195 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion: 105 Resp: 74060
Ion Ratio Lower Upper
105 100
120 49.6 23.9 71.7

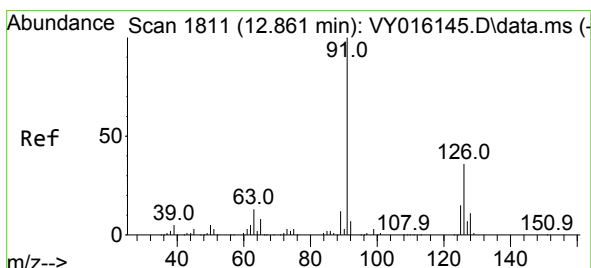
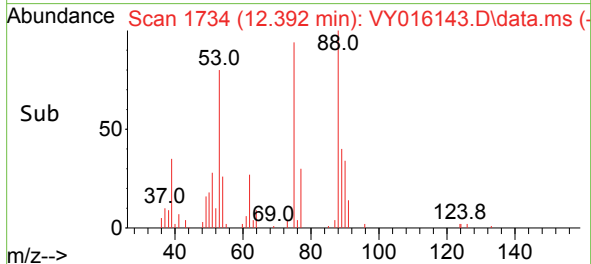
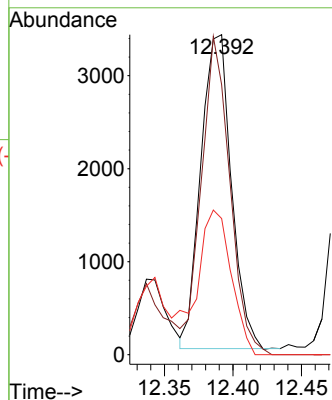
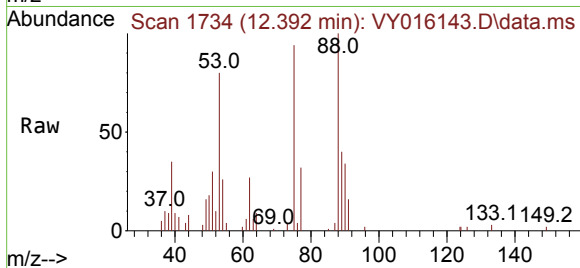




#81
trans-1,4-Dichloro-2-butene
Concen: 10.069 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

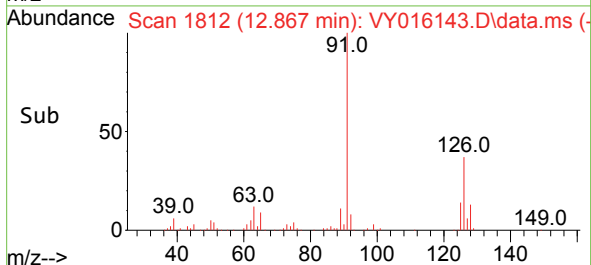
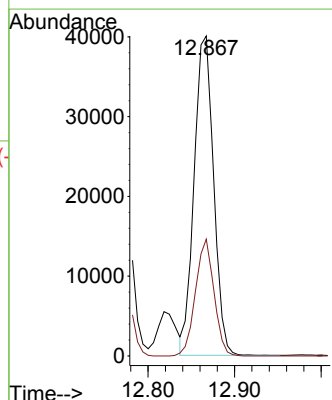
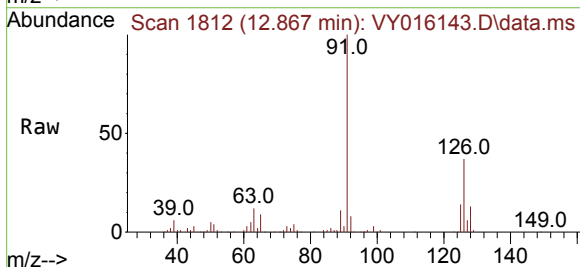
Instrument :
MSVOA_Y
ClientSampleId :

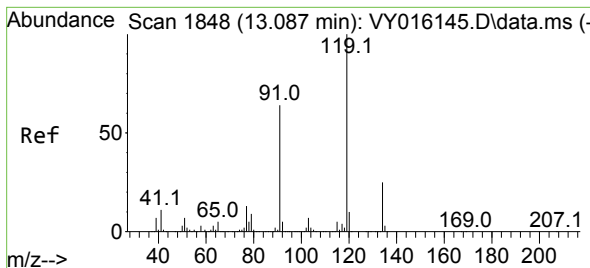
Tgt Ion: 75 Resp: 5227
Ion Ratio Lower Upper
75 100
53 94.5 77.8 116.8
89 46.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 10.290 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016143.D
Acq: 31 Oct 2023 12:49

Tgt Ion: 91 Resp: 62473
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 10.302 ug/l

RT: 13.087 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

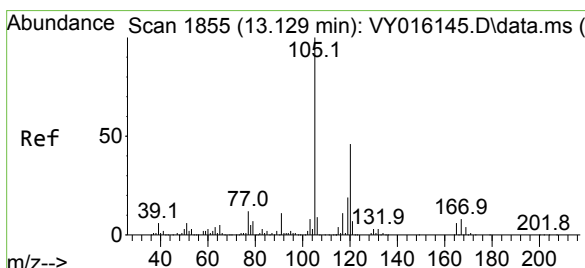
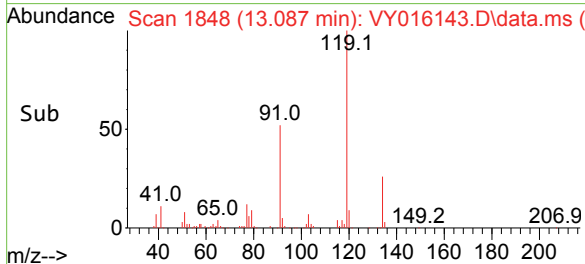
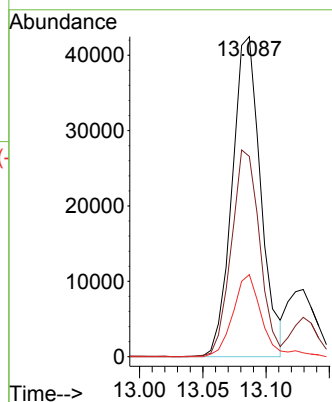
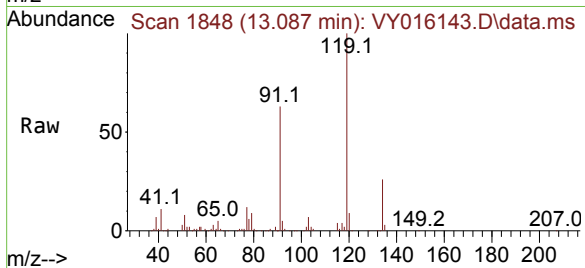
Tgt Ion:119 Resp: 66956

Ion Ratio Lower Upper

119 100

91 63.9 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 10.305 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016143.D

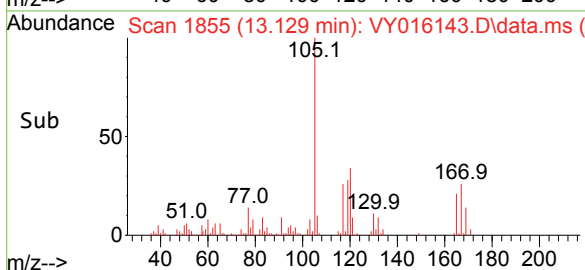
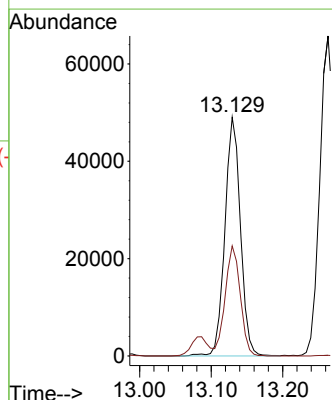
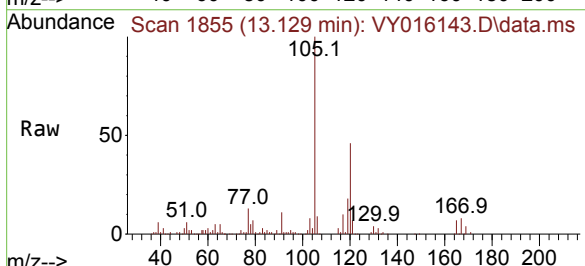
Acq: 31 Oct 2023 12:49

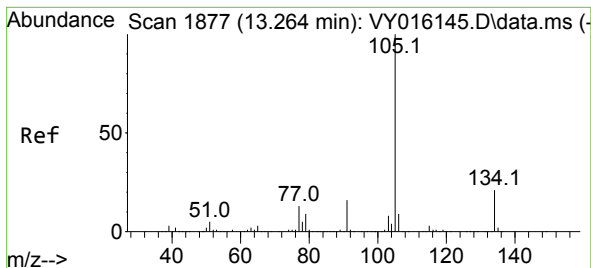
Tgt Ion:105 Resp: 74071

Ion Ratio Lower Upper

105 100

120 44.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 10.252 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

Instrument :

MSVOA_Y

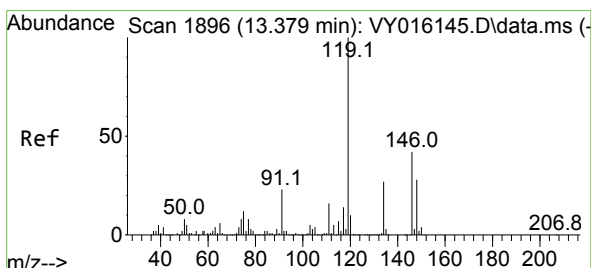
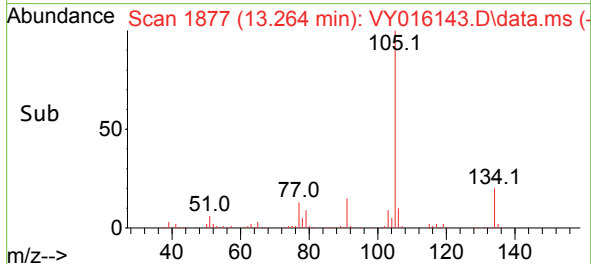
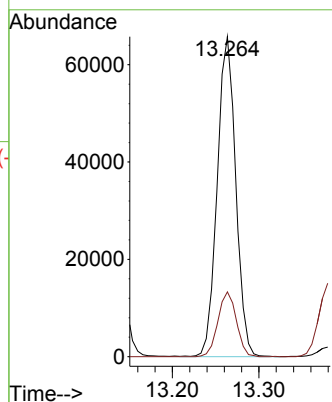
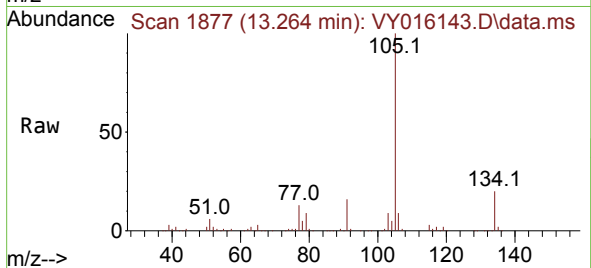
ClientSampleId :

Tgt Ion:105 Resp: 97796

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 10.239 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

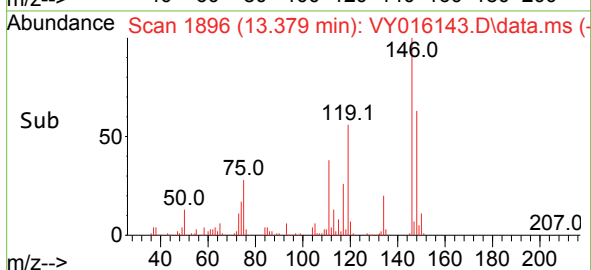
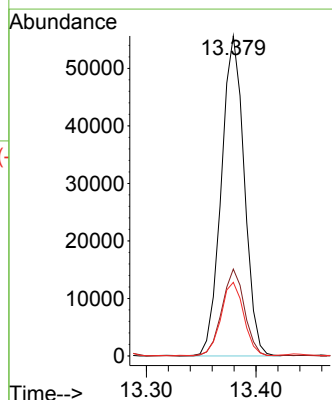
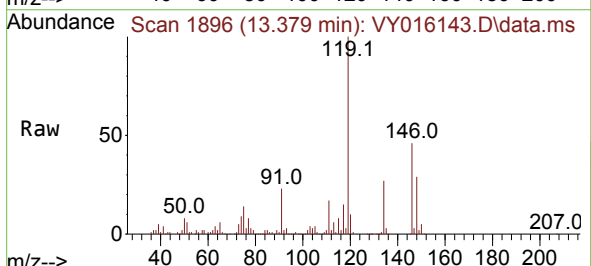
Tgt Ion:119 Resp: 80953

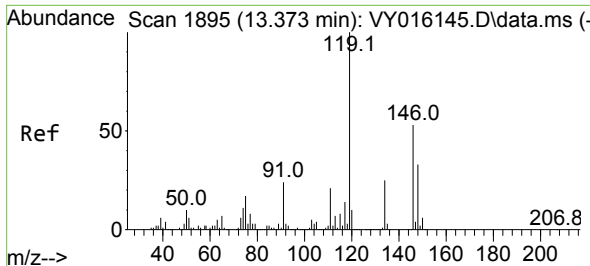
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 22.8 12.4 37.4

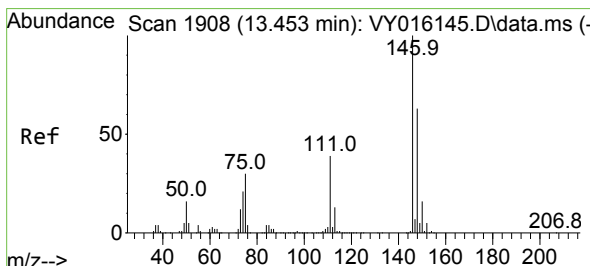
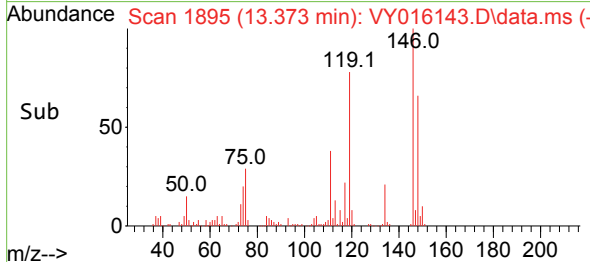
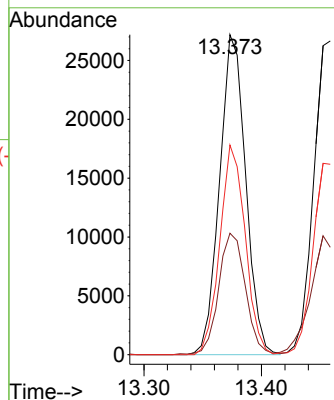
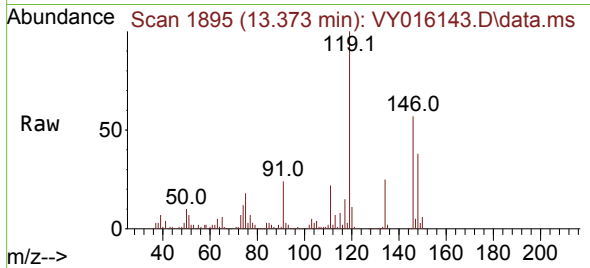




#87
 1,3-Dichlorobenzene
 Concen: 10.466 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY016143.D
 Acq: 31 Oct 2023 12:49

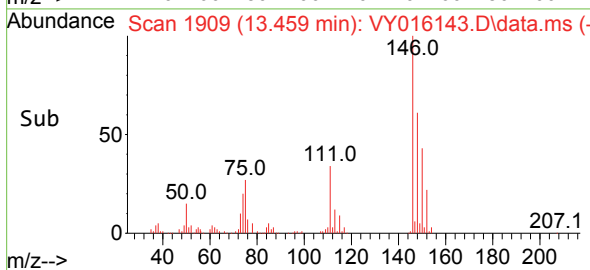
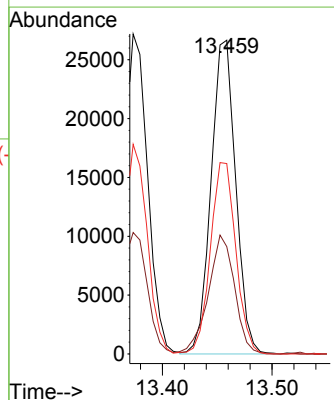
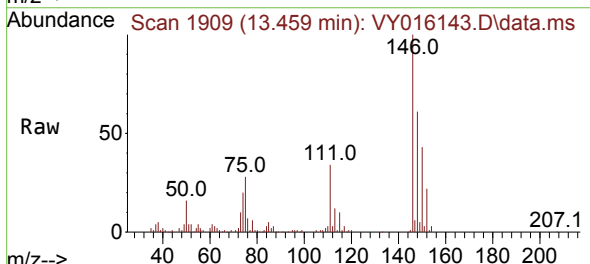
Instrument :
 MSVOA_Y
 ClientSampleId :

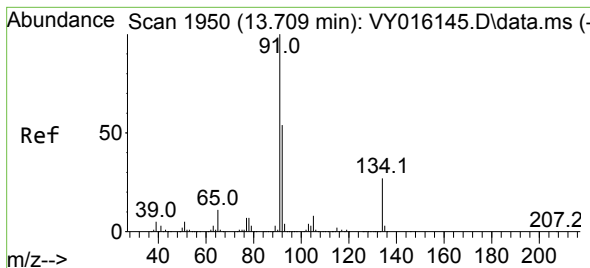
Tgt Ion:146 Resp: 42022
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.2
 148 63.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 10.517 ug/l
 RT: 13.459 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VY016143.D
 Acq: 31 Oct 2023 12:49

Tgt Ion:146 Resp: 41735
 Ion Ratio Lower Upper
 146 100
 111 40.4 18.9 56.7
 148 62.8 32.1 96.5





#89

n-Butylbenzene

Concen: 10.336 ug/l

RT: 13.702 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

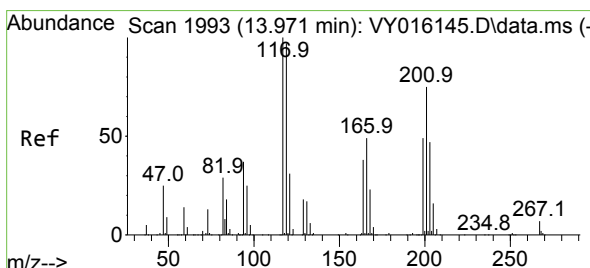
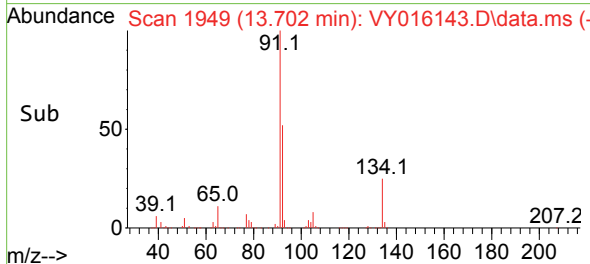
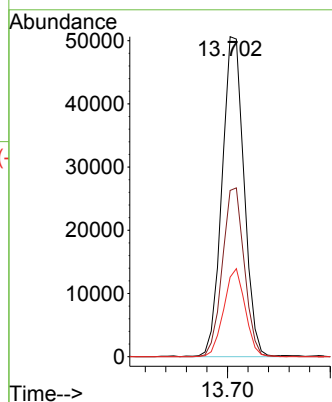
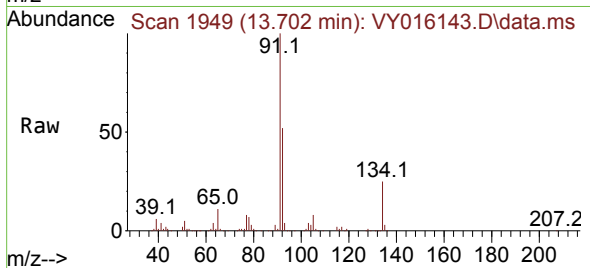
Tgt Ion: 91 Resp: 75084

Ion Ratio Lower Upper

91 100

92 52.6 25.4 76.0

134 26.8 12.6 37.6



#90

Hexachloroethane

Concen: 9.921 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016143.D

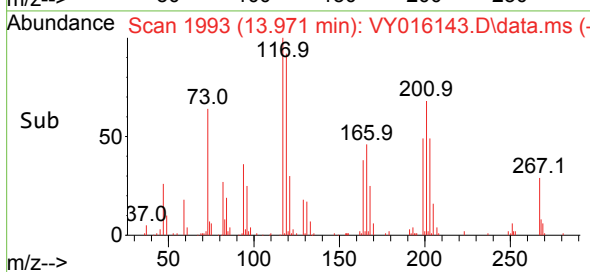
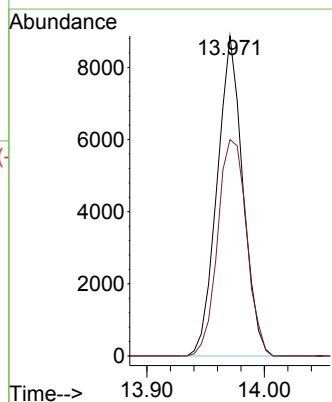
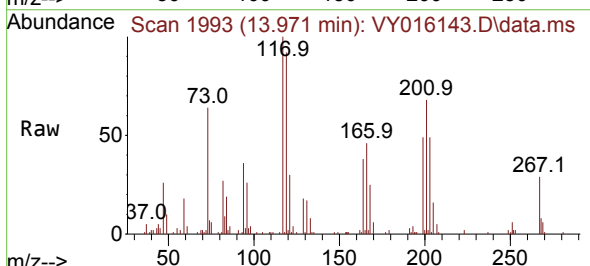
Acq: 31 Oct 2023 12:49

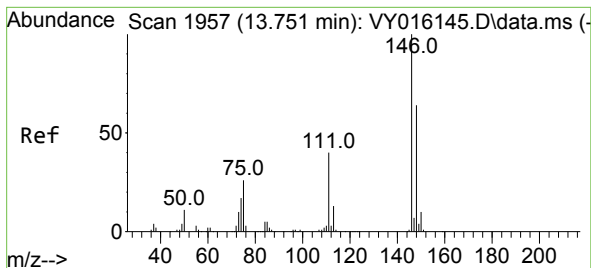
Tgt Ion: 117 Resp: 13517

Ion Ratio Lower Upper

117 100

201 76.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 10.556 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VY016143.D

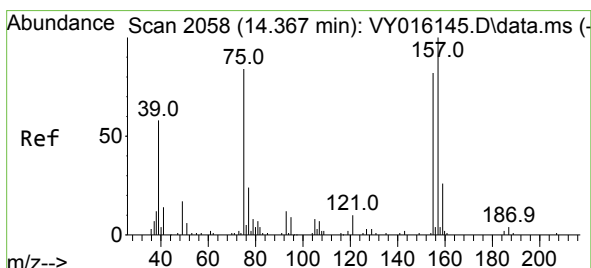
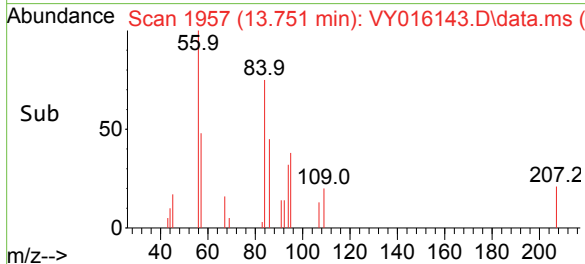
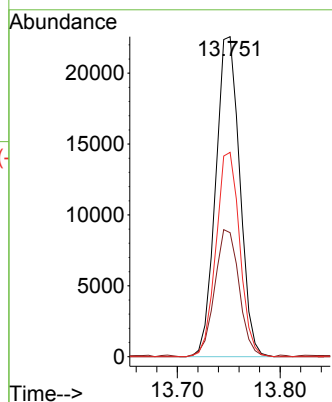
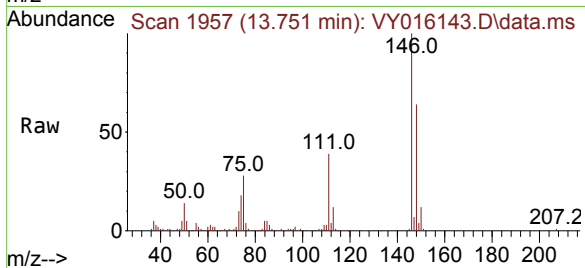
Acq: 31 Oct 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	36620
Ion	Ratio	Lower Upper
146	100	
111	40.4	19.7 59.0
148	63.0	32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.790 ug/l

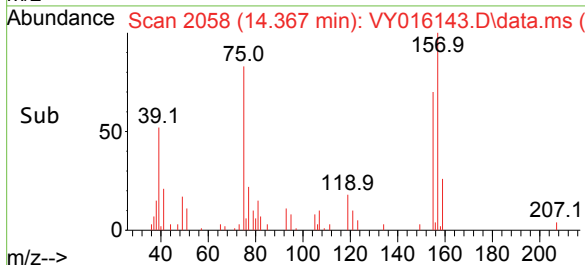
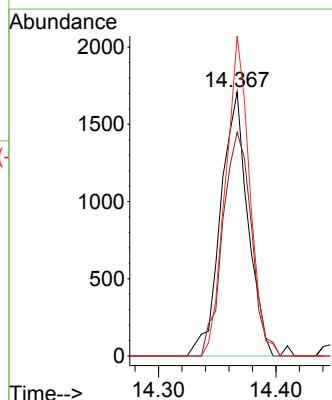
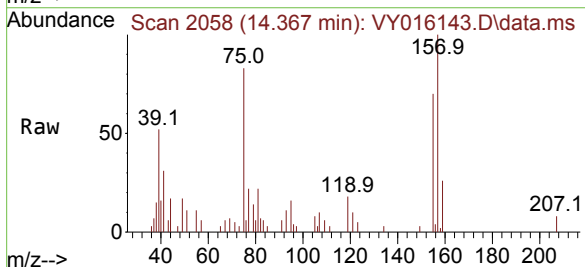
RT: 14.367 min Scan# 2058

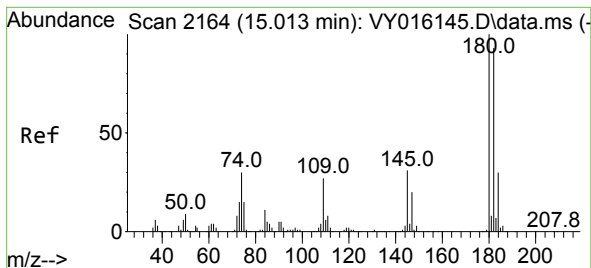
Delta R.T. -0.000 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

Tgt Ion: 75	Resp:	2755
Ion	Ratio	Lower Upper
75	100	
155	88.9	41.5 124.6
157	107.2	51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 10.732 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

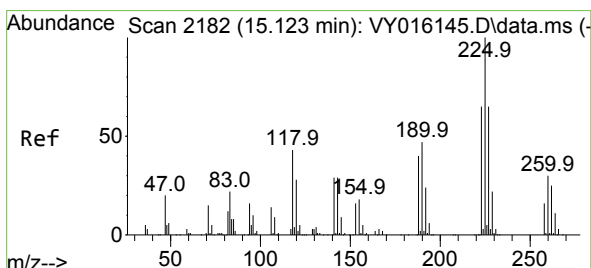
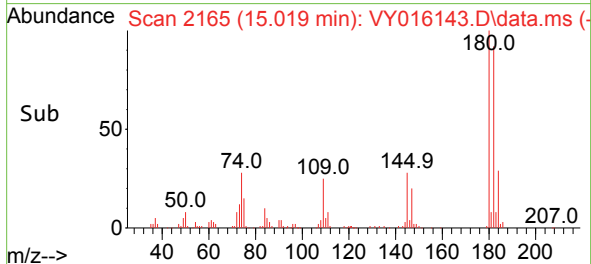
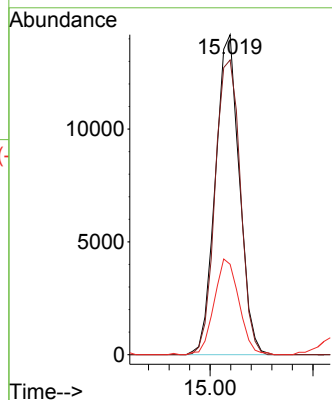
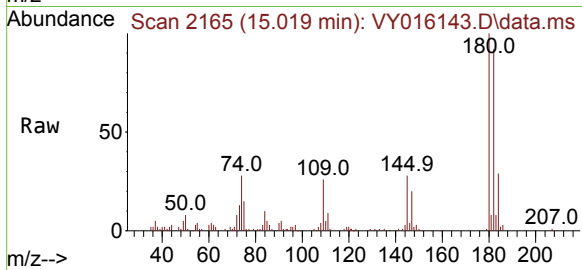
Tgt Ion:180 Resp: 22979

Ion Ratio Lower Upper

180 100

182 96.4 47.0 141.2

145 30.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 11.112 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

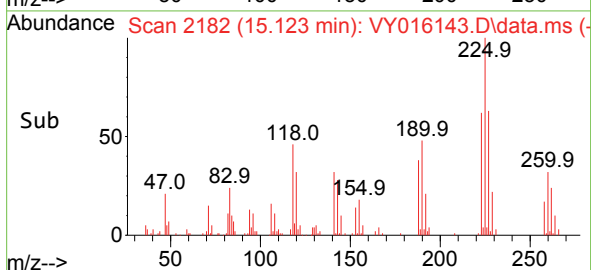
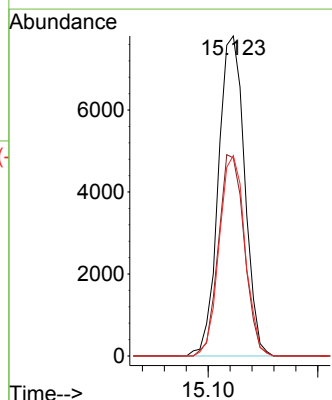
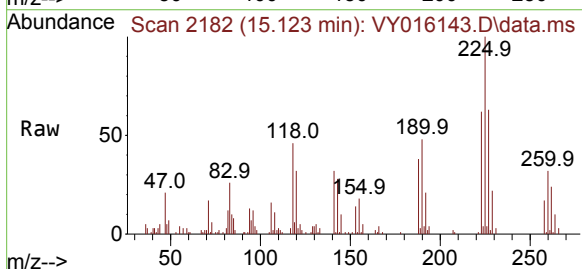
Tgt Ion:225 Resp: 13002

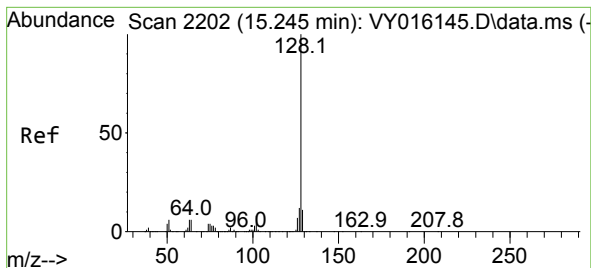
Ion Ratio Lower Upper

225 100

223 61.8 31.9 95.9

227 61.3 33.0 98.9





#95

Naphthalene

Concen: 10.671 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

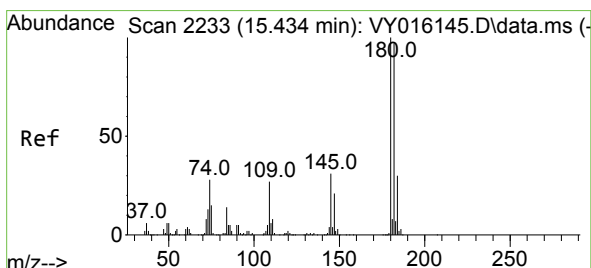
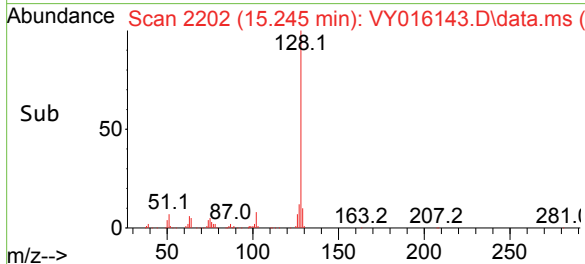
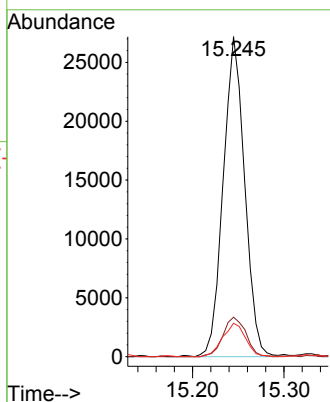
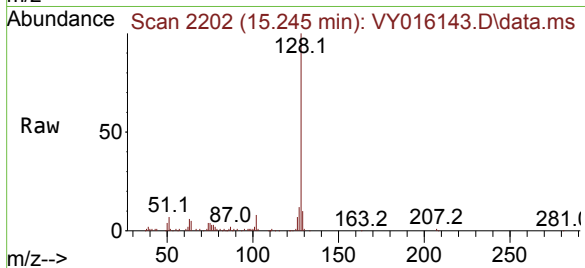
Tgt Ion:128 Resp: 44389

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 10.706 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016143.D

Acq: 31 Oct 2023 12:49

Tgt Ion:180 Resp: 19583

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

145 33.5 15.4 46.2

