

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110723\
 Data File : VY016246.D
 Acq On : 07 Nov 2023 10:31
 Operator : SY/MD
 Sample : VY1107SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 23:43:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	160601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	263538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	230283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109001	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80176	53.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.700%	
35) Dibromofluoromethane	7.728	113	78919	50.231	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.460%	
50) Toluene-d8	10.185	98	316507	50.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	12.483	95	106755	50.118	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	18351	17.913	ug/l	89
3) Chloromethane	2.119	50	23636	16.664	ug/l	98
4) Vinyl Chloride	2.253	62	27166	18.557	ug/l	96
5) Bromomethane	2.650	94	18458	18.683	ug/l	97
6) Chloroethane	2.796	64	19383	18.807	ug/l	100
7) Trichlorofluoromethane	3.131	101	46494	21.037	ug/l	97
8) Diethyl Ether	3.534	74	15679	21.405	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.906	101	29250	21.008	ug/l	96
10) Methyl Iodide	4.095	142	28775	18.586	ug/l	95
11) Tert butyl alcohol	4.960	59	12725	113.331	ug/l #	78
12) 1,1-Dichloroethene	3.881	96	25157	19.796	ug/l	91
13) Acrolein	3.741	56	12281	114.488	ug/l	99
14) Allyl chloride	4.485	41	39531	21.748	ug/l #	94
15) Acrylonitrile	5.174	53	36151	115.495	ug/l	96
16) Acetone	3.954	43	25754	95.571	ug/l	94
17) Carbon Disulfide	4.204	76	49880	15.722	ug/l	99
18) Methyl Acetate	4.479	43	26911	22.267	ug/l	91
19) Methyl tert-butyl Ether	5.235	73	79471	21.985	ug/l	99
20) Methylene Chloride	4.729	84	35432	21.441	ug/l	88
21) trans-1,2-Dichloroethene	5.228	96	29486	19.919	ug/l	95
22) Diisopropyl ether	6.125	45	97630	22.206	ug/l	92
23) Vinyl Acetate	6.070	43	235986	109.322	ug/l #	93
24) 1,1-Dichloroethane	6.027	63	57056	21.684	ug/l	98
25) 2-Butanone	6.990	43	45782	110.423	ug/l #	88
26) 2,2-Dichloropropane	6.990	77	51887	20.860	ug/l	95
27) cis-1,2-Dichloroethene	6.996	96	37654	21.615	ug/l	91
28) Bromochloromethane	7.344	49	20917	21.243	ug/l	89
29) Tetrahydrofuran	7.356	42	29840	114.814	ug/l	90
30) Chloroform	7.515	83	62243	21.727	ug/l	99
31) Cyclohexane	7.795	56	43050	18.635	ug/l #	86
32) 1,1,1-Trichloroethane	7.710	97	55212	21.015	ug/l	98
36) 1,1-Dichloropropene	7.923	75	43928	19.363	ug/l	100
37) Ethyl Acetate	7.082	43	21771	21.545	ug/l	96
38) Carbon Tetrachloride	7.911	117	47928	21.324	ug/l	98
39) Methylcyclohexane	9.191	83	48598	17.946	ug/l	92
40) Benzene	8.167	78	129431	19.872	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	13630	23.238	ug/l #	79
42) 1,2-Dichloroethane	8.246	62	36910	20.307	ug/l	94
43) Isopropyl Acetate	8.277	43	43164	21.595	ug/l #	92
44) Trichloroethene	8.947	130	37388	19.616	ug/l	96
45) 1,2-Dichloropropane	9.222	63	33192	21.184	ug/l	94
46) Dibromomethane	9.313	93	18567	20.889	ug/l	96
47) Bromodichloromethane	9.502	83	48602	21.522	ug/l	99
48) Methyl methacrylate	9.301	41	17817	19.603	ug/l #	87
49) 1,4-Dioxane	9.307	88	4273	325.850	ug/l #	58
51) 4-Methyl-2-Pentanone	10.075	43	111058	111.356	ug/l	91
52) Toluene	10.246	92	84155	19.939	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	47216	20.944	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	55374	20.933	ug/l	89
55) 1,1,2-Trichloroethane	10.648	97	26629	21.299	ug/l	96
56) Ethyl methacrylate	10.514	69	34744	21.398	ug/l #	85
57) 1,3-Dichloropropane	10.795	76	44583	20.946	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	85213	108.228	ug/l	92
59) 2-Hexanone	10.837	43	77155	112.894	ug/l	90
60) Dibromochloromethane	10.990	129	33935	21.635	ug/l	99
61) 1,2-Dibromoethane	11.093	107	24732	20.797	ug/l	98
64) Tetrachloroethene	10.727	164	38162	18.631	ug/l	98
65) Chlorobenzene	11.520	112	92316	20.178	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	35873	21.169	ug/l	97
67) Ethyl Benzene	11.599	91	164828	20.142	ug/l	99
68) m/p-Xylenes	11.709	106	125647	39.735	ug/l	95
69) o-Xylene	12.032	106	61012	20.208	ug/l	95
70) Styrene	12.050	104	100614	20.046	ug/l	97
71) Bromoform	12.215	173	20044	21.321	ug/l #	100
73) Isopropylbenzene	12.331	105	166123	20.317	ug/l	99
74) N-amyl acetate	12.148	43	37203	20.938	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	29087	22.356	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	39441	38.424	ug/l #	100
77) Bromobenzene	12.611	156	38076	20.566	ug/l	95
78) n-propylbenzene	12.672	91	199023	20.588	ug/l	100
79) 2-Chlorotoluene	12.758	91	110412	20.479	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	134131	20.248	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	9914	20.941	ug/l	94
82) 4-Chlorotoluene	12.855	91	113660	20.530	ug/l	99
83) tert-Butylbenzene	13.081	119	123548	20.844	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	132704	20.245	ug/l	98
85) sec-Butylbenzene	13.258	105	181850	20.904	ug/l	100
86) p-Isopropyltoluene	13.373	119	146572	20.329	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	76357	20.853	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	75781	20.940	ug/l	99
89) n-Butylbenzene	13.696	91	139116	20.999	ug/l	96
90) Hexachloroethane	13.965	117	28101	22.617	ug/l	89
91) 1,2-Dichlorobenzene	13.745	146	66985	21.173	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4953	21.271	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	40611	20.798	ug/l	99
94) Hexachlorobutadiene	15.111	225	23548	22.069	ug/l	99
95) Naphthalene	15.239	128	75458	19.892	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	34352	20.594	ug/l	99

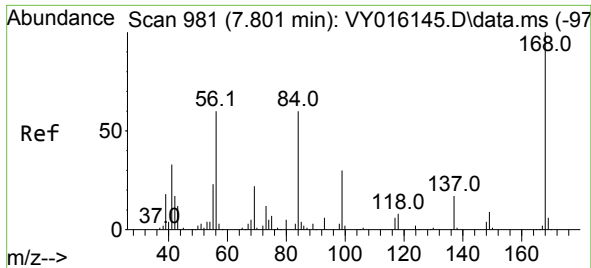
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110723\
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Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

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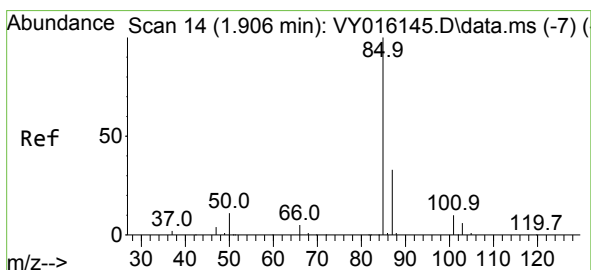
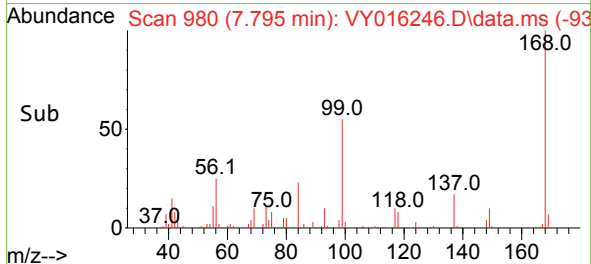
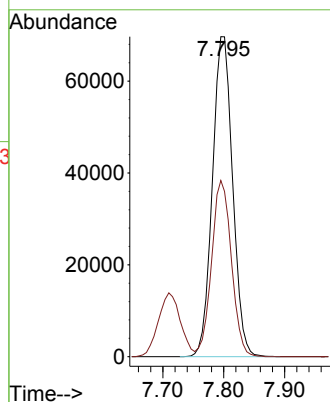
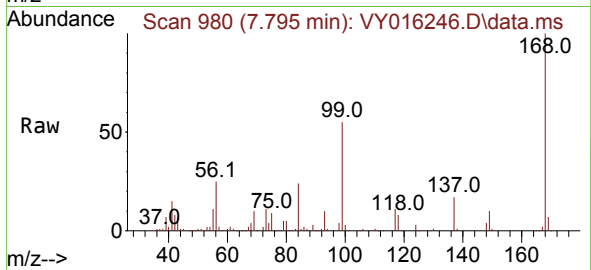
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

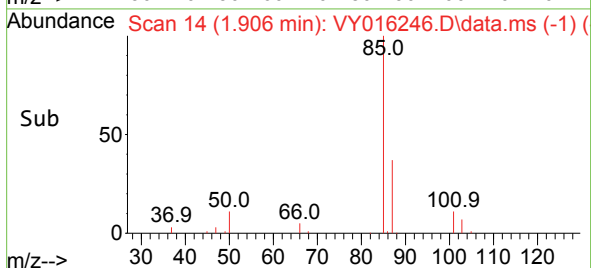
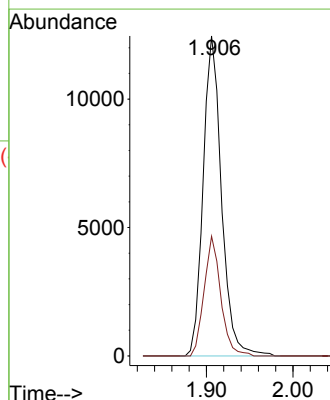
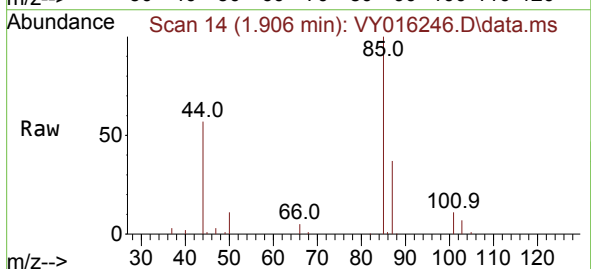
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ClientSampleId :

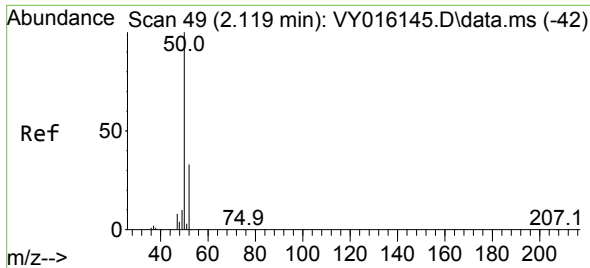
Tgt Ion:168 Resp: 160601
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 17.913 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion: 85 Resp: 18351
Ion Ratio Lower Upper
85 100
87 37.4 15.6 46.8

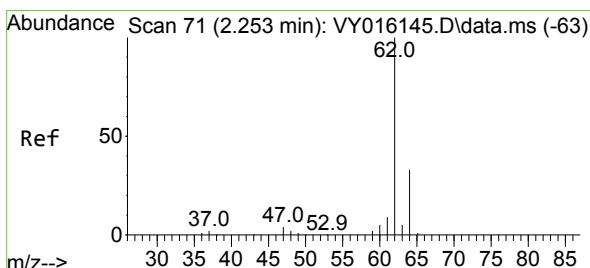
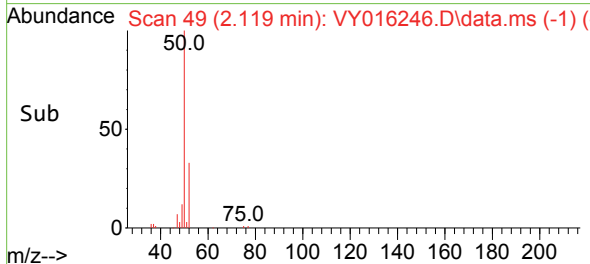
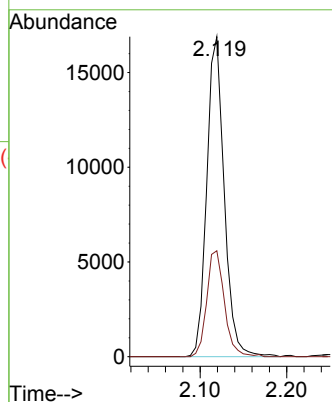
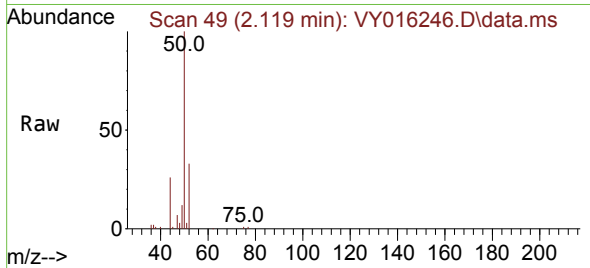




#3
Chloromethane
Concen: 16.664 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

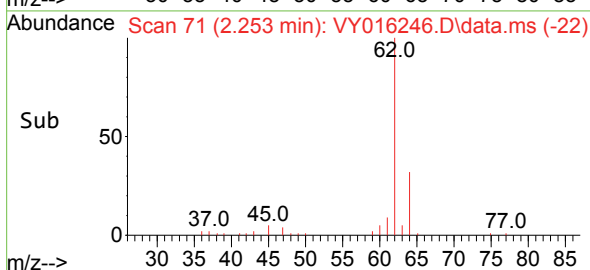
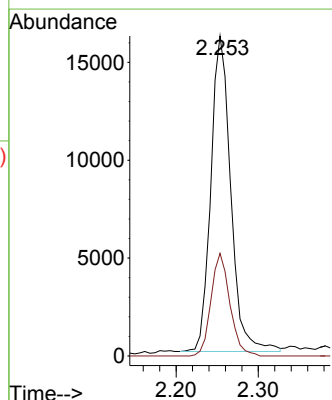
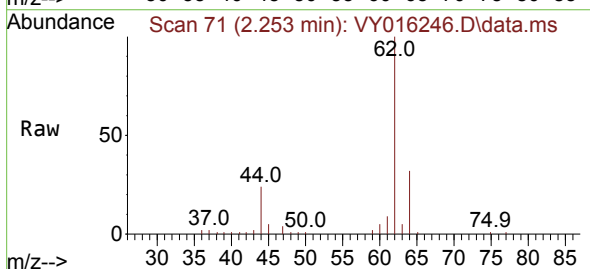
Instrument :
MSVOA_Y
ClientSampleId :

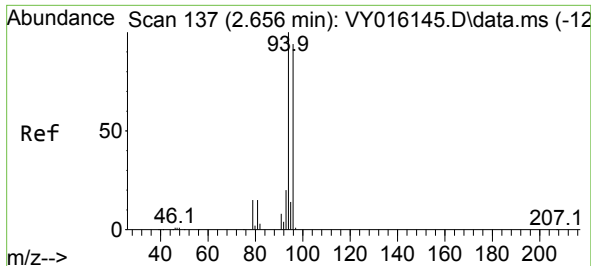
Tgt Ion: 50 Resp: 23636
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2



#4
Vinyl Chloride
Concen: 18.557 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

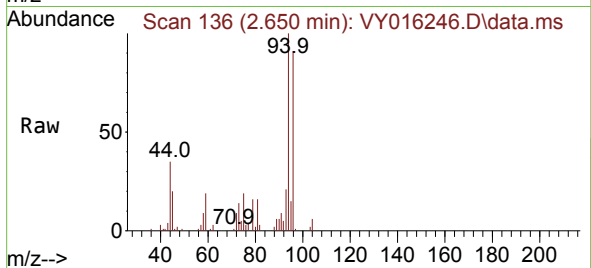
Tgt Ion: 62 Resp: 27166
Ion Ratio Lower Upper
62 100
64 32.5 24.3 36.5



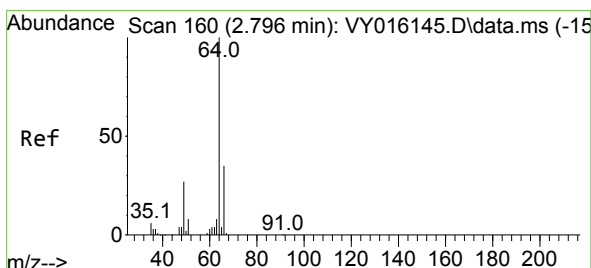
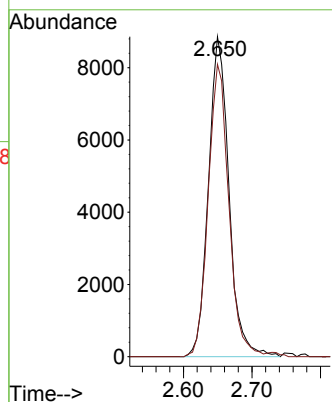
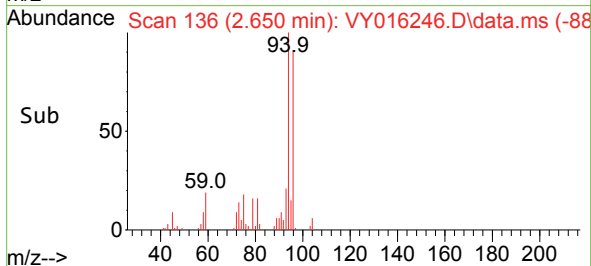


#5
Bromomethane
Concen: 18.683 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :

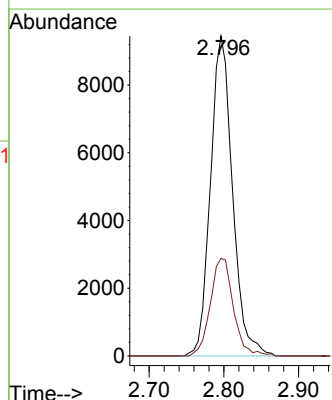
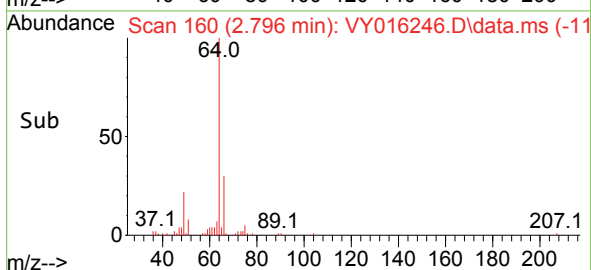
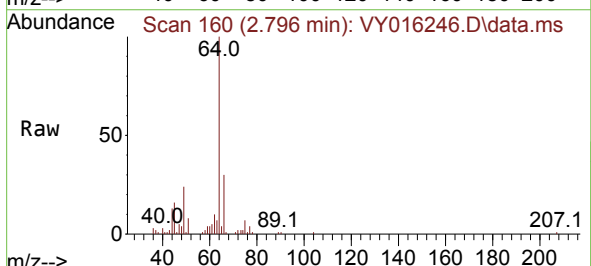


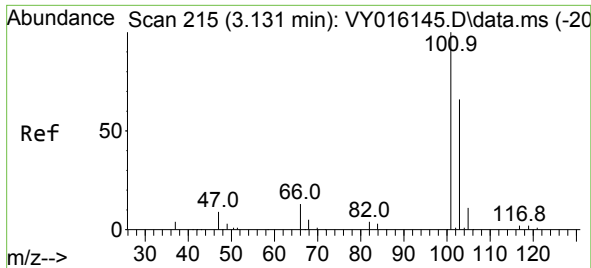
Tgt Ion: 94 Resp: 18458
Ion Ratio Lower Upper
94 100
96 91.4 75.8 113.6



#6
Chloroethane
Concen: 18.807 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

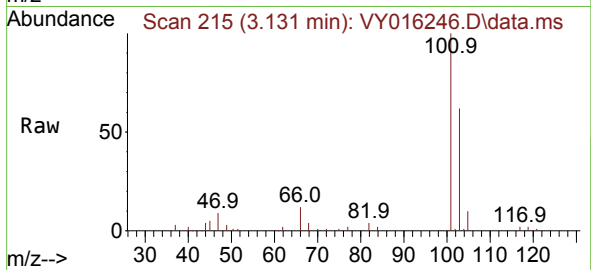
Tgt Ion: 64 Resp: 19383
Ion Ratio Lower Upper
64 100
66 30.5 24.4 36.6



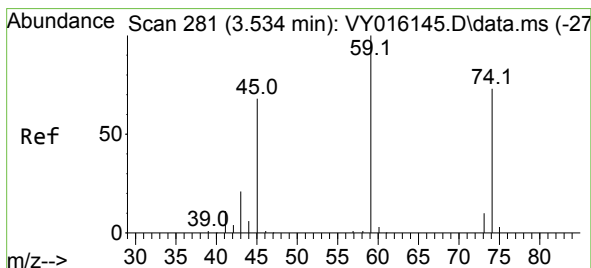
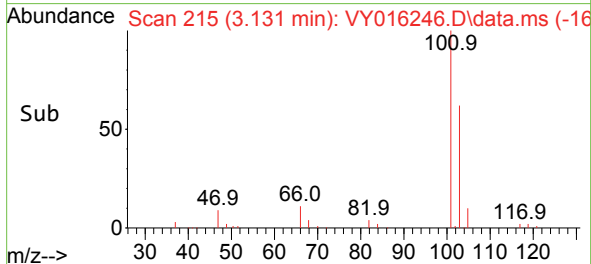
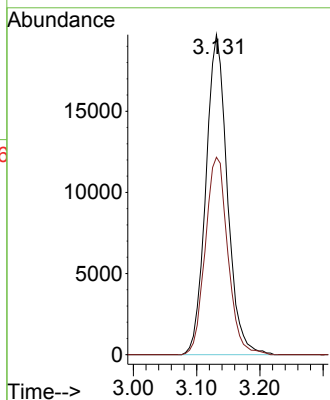


#7
Trichlorofluoromethane
Concen: 21.037 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

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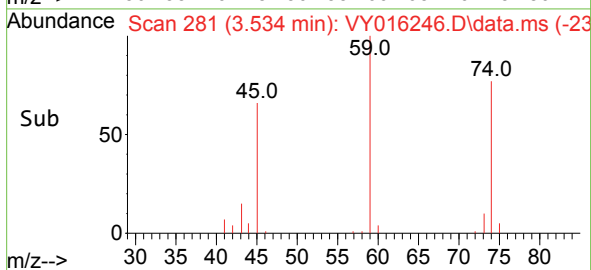
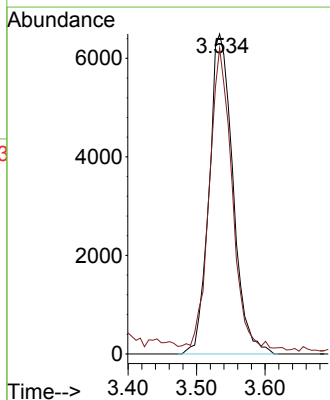
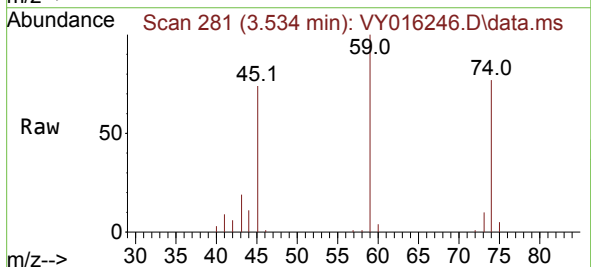


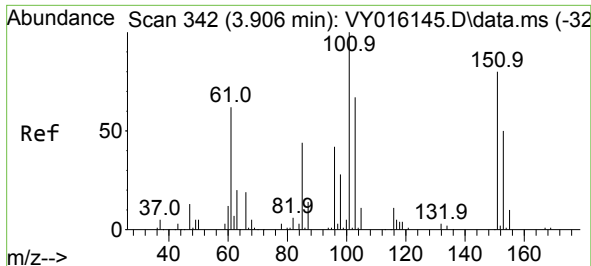
Tgt Ion:101 Resp: 46494
Ion Ratio Lower Upper
101 100
103 61.7 51.4 77.0



#8
Diethyl Ether
Concen: 21.405 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion: 74 Resp: 15679
Ion Ratio Lower Upper
74 100
45 89.9 51.5 154.5

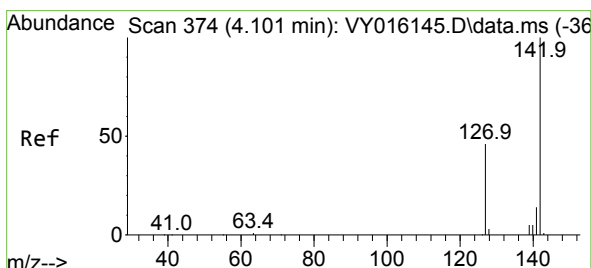
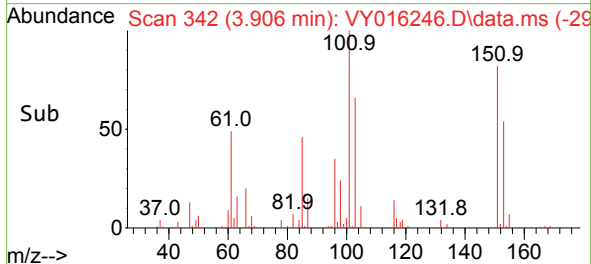
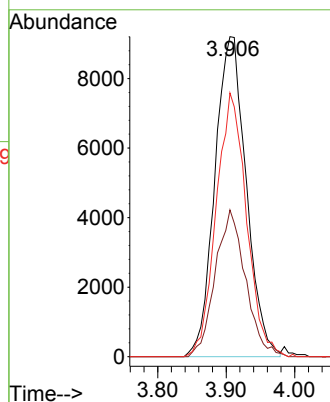
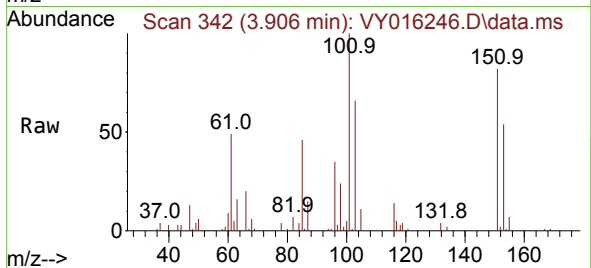




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.008 ug/l
RT: 3.906 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY016246.D
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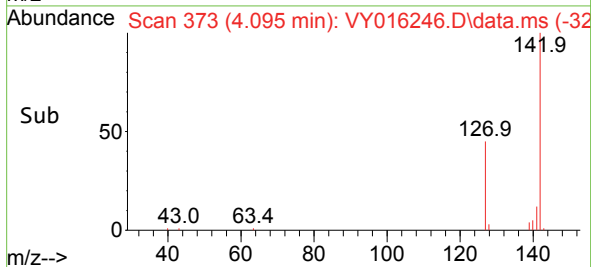
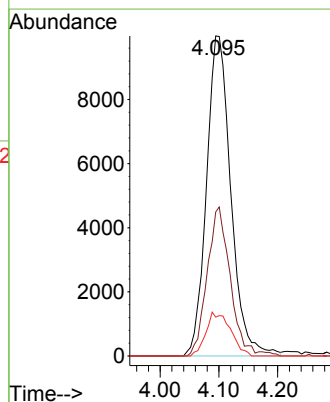
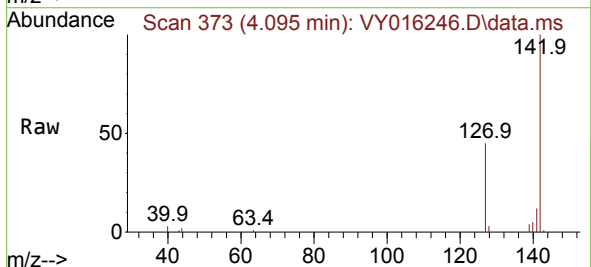
Instrument :
MSVOA_Y
ClientSampleId :

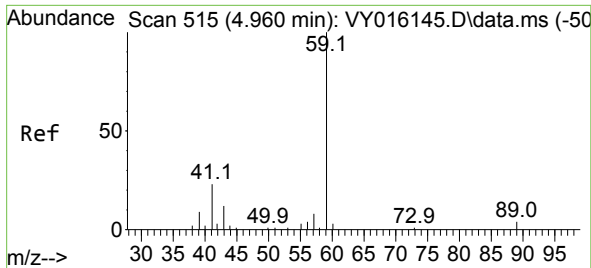
Tgt Ion:101 Resp: 29250
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 79.6 67.0 100.6



#10
Methyl Iodide
Concen: 18.586 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion:142 Resp: 28775
Ion Ratio Lower Upper
142 100
127 43.5 37.6 56.4
141 13.7 11.8 17.8

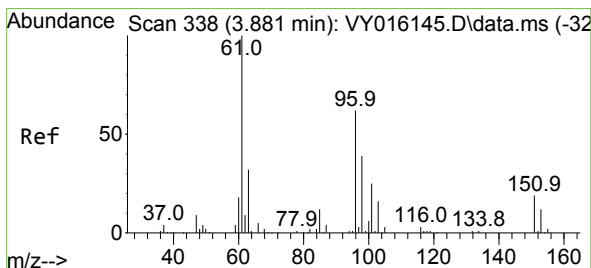
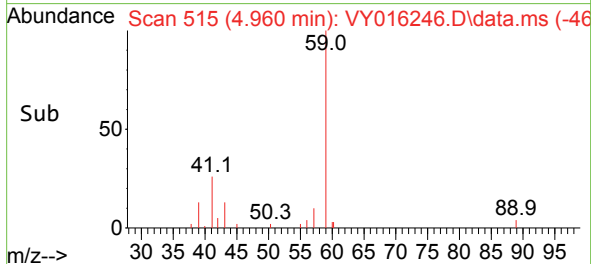
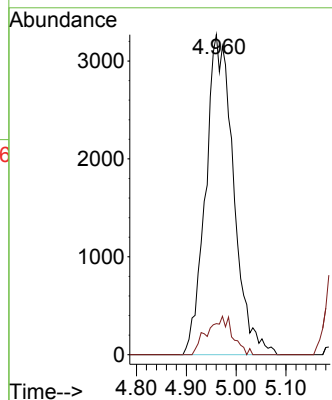
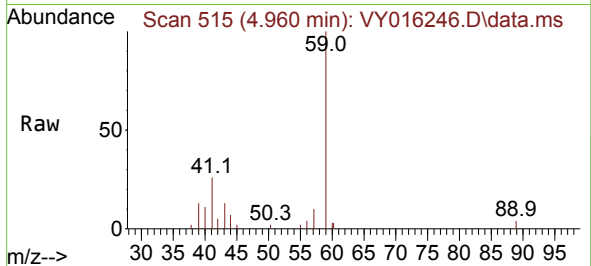




#11
Tert butyl alcohol
Concen: 113.331 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

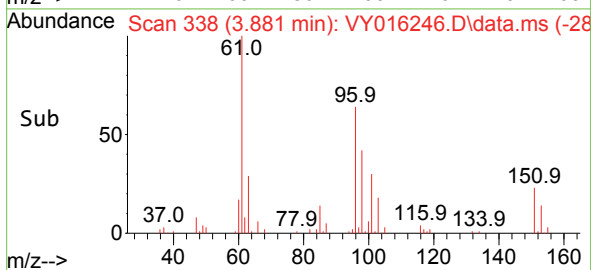
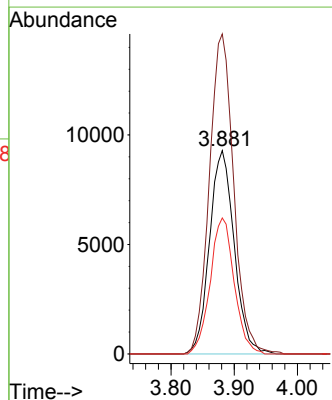
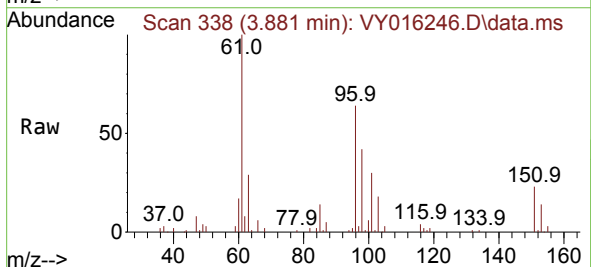
Instrument :
MSVOA_Y
ClientSampleId :

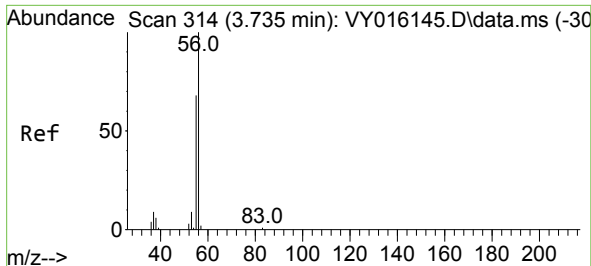
Tgt Ion: 59 Resp: 12725
Ion Ratio Lower Upper
59 100
57 10.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.796 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion: 96 Resp: 25157
Ion Ratio Lower Upper
96 100
61 157.4 136.4 204.6
98 66.9 49.4 74.2

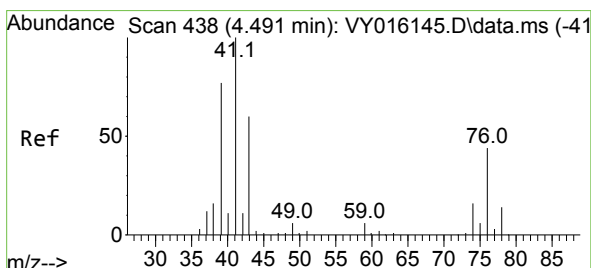
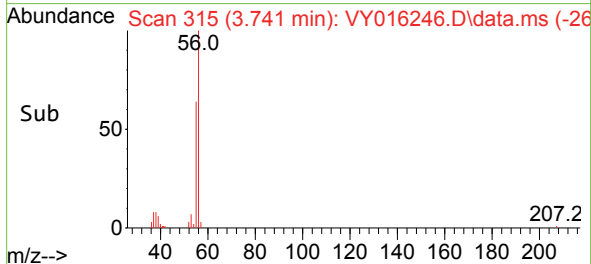
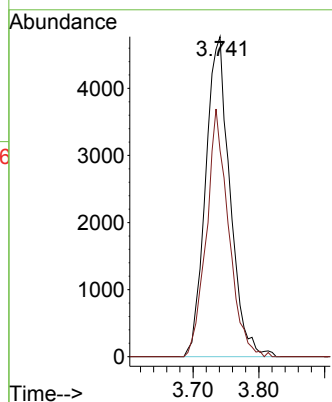
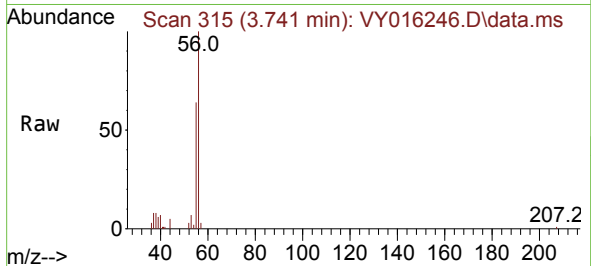




#13
Acrolein
Concen: 114.488 ug/l
RT: 3.741 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

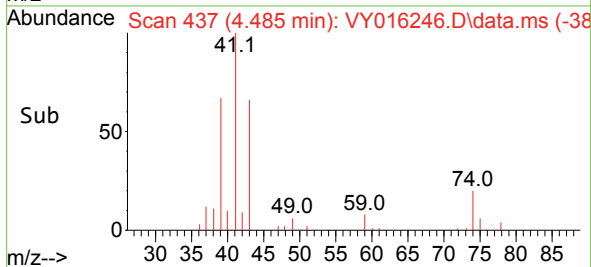
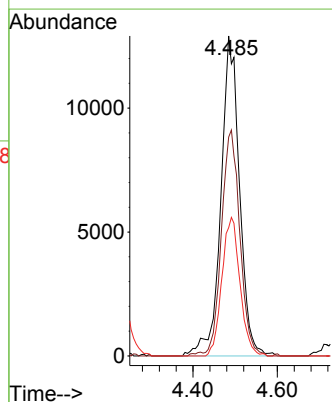
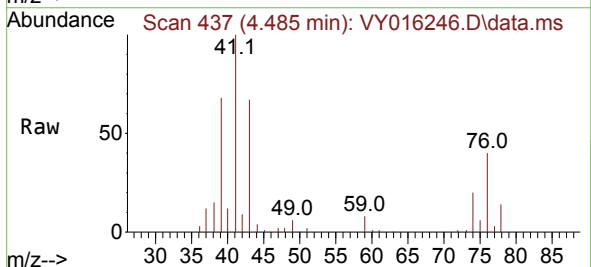
Instrument :
MSVOA_Y
ClientSampleId :

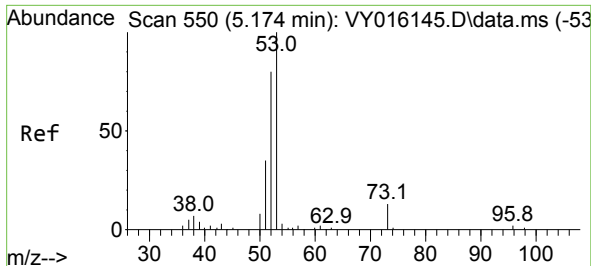
Tgt Ion: 56 Resp: 12281
Ion Ratio Lower Upper
56 100
55 70.4 57.0 85.4



#14
Allyl chloride
Concen: 21.748 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion: 41 Resp: 39531
Ion Ratio Lower Upper
41 100
39 70.0 58.0 87.0
76 41.9 27.4 41.2#

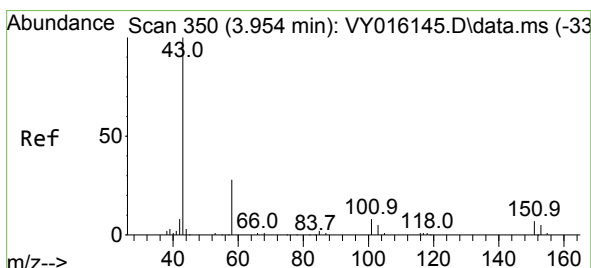
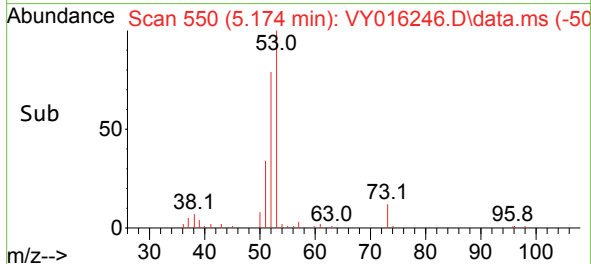
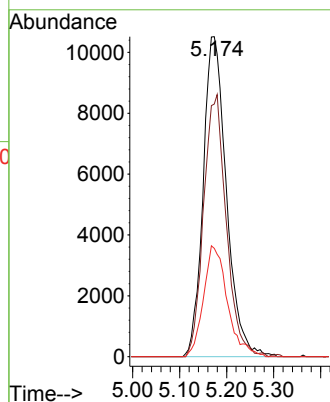
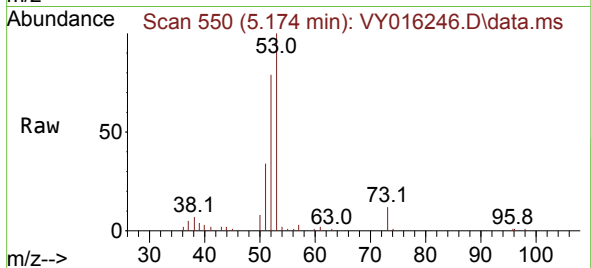




#15
Acrylonitrile
Concen: 115.495 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

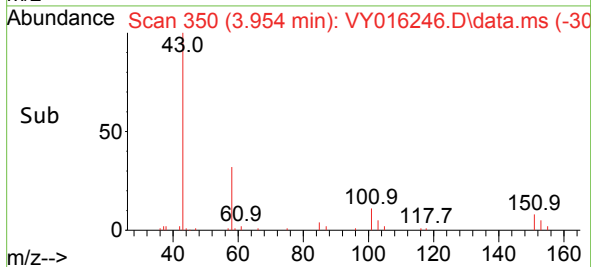
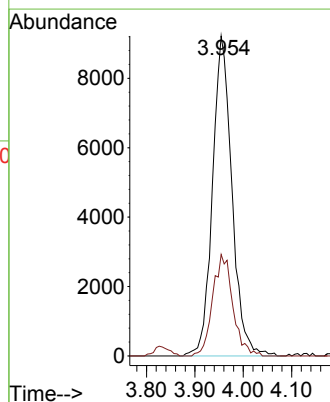
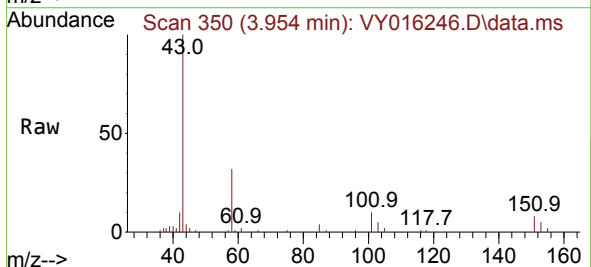
Instrument :
MSVOA_Y
ClientSampleId :

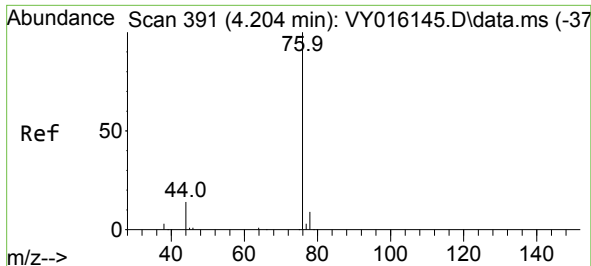
Tgt Ion: 53 Resp: 36151
Ion Ratio Lower Upper
53 100
52 79.3 66.9 100.3
51 35.6 29.8 44.6



#16
Acetone
Concen: 95.571 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion: 43 Resp: 25754
Ion Ratio Lower Upper
43 100
58 31.7 22.7 34.1

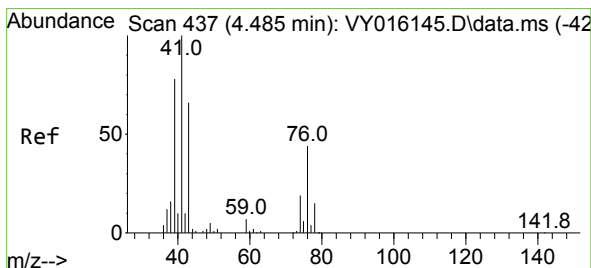
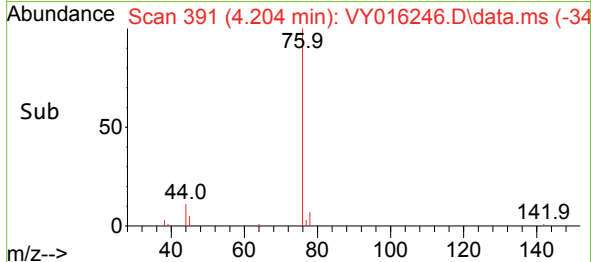
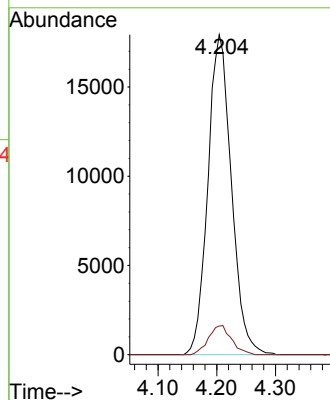
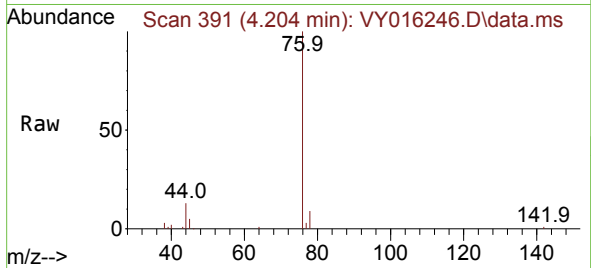




#17
Carbon Disulfide
Concen: 15.722 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

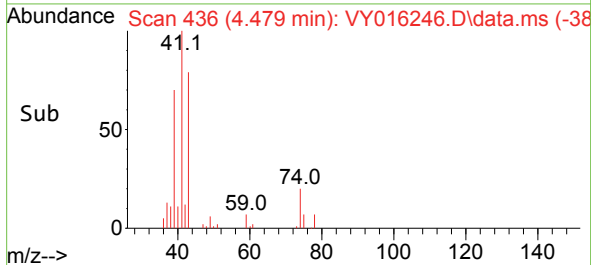
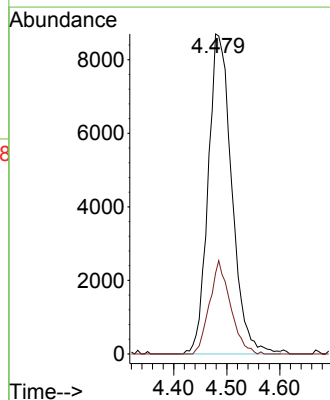
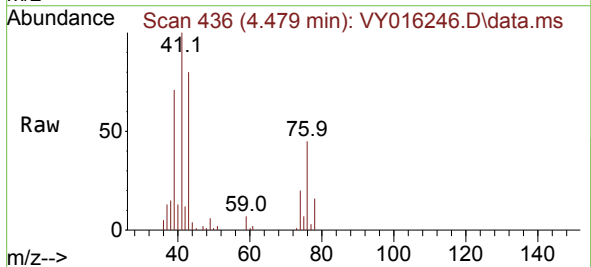
Instrument :
MSVOA_Y
ClientSampleId :

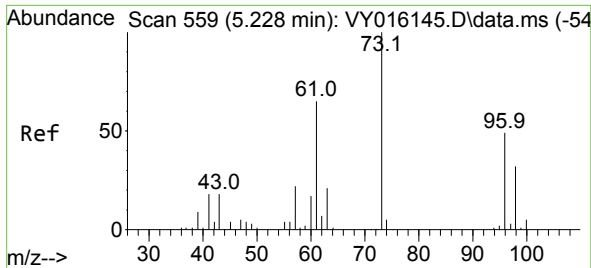
Tgt Ion: 76 Resp: 49880
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 22.267 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion: 43 Resp: 26911
Ion Ratio Lower Upper
43 100
74 25.8 17.4 26.0

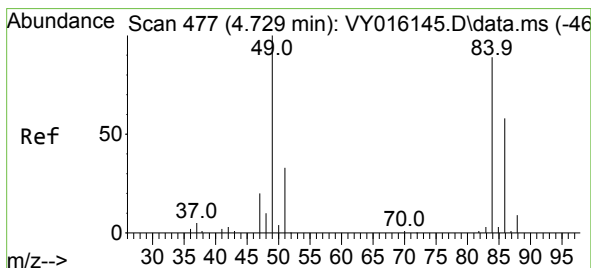
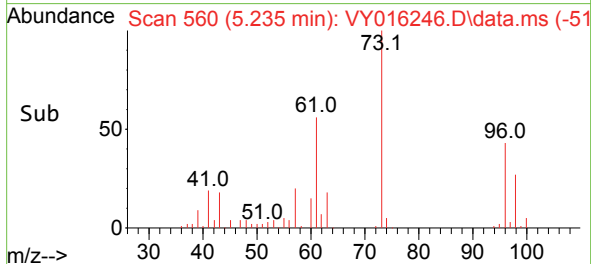
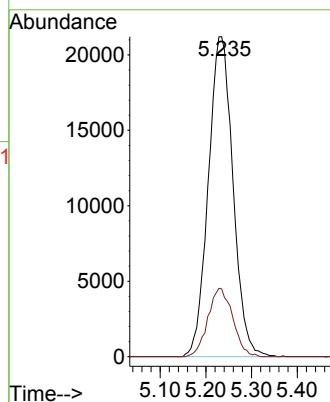
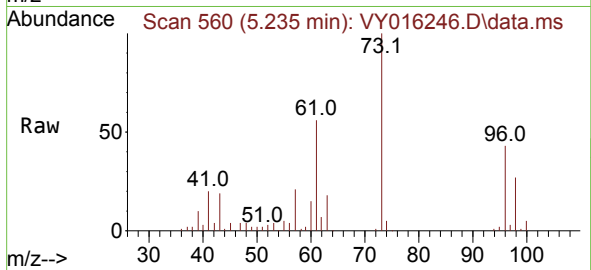




#19
Methyl tert-butyl Ether
Concen: 21.985 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

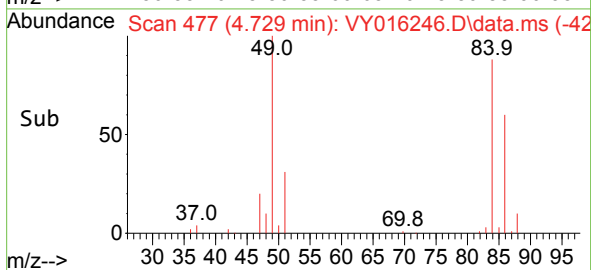
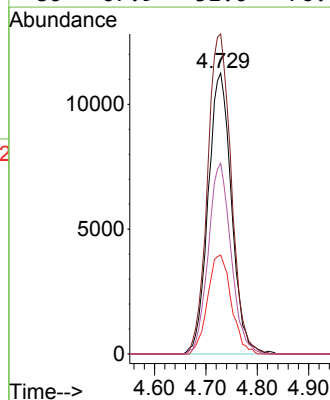
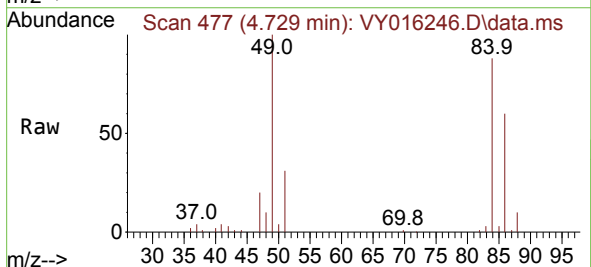
Instrument :
MSVOA_Y
ClientSampleId :

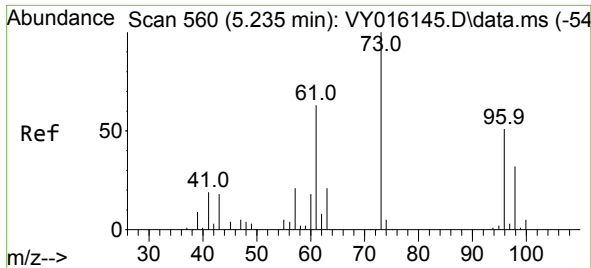
Tgt Ion: 73 Resp: 79471
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 21.441 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

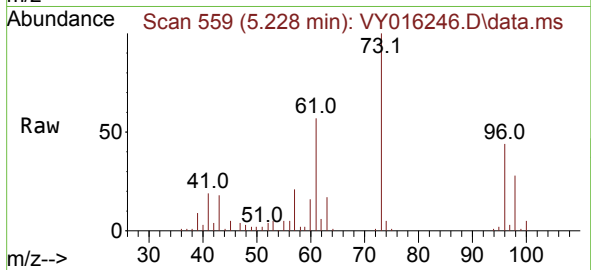
Tgt Ion: 84 Resp: 35432
Ion Ratio Lower Upper
84 100
49 114.0 106.9 160.3
51 35.2 33.2 49.8
86 67.9 51.0 76.6



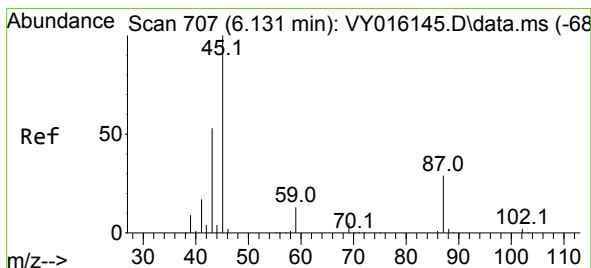
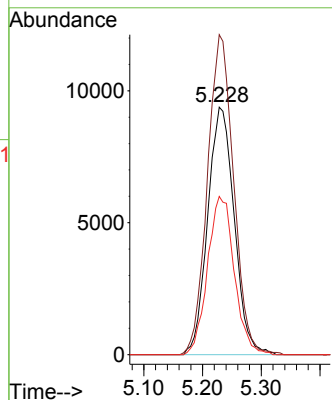
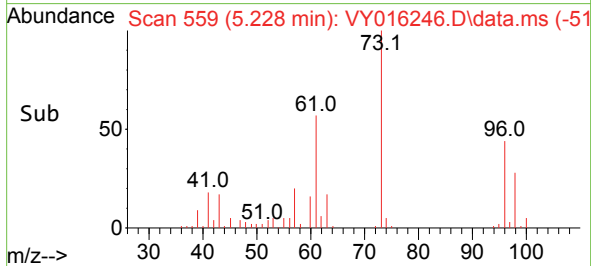


#21
trans-1,2-Dichloroethene
Concen: 19.919 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :

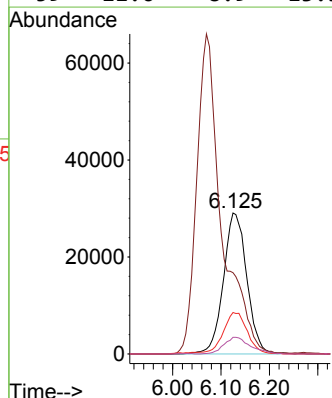
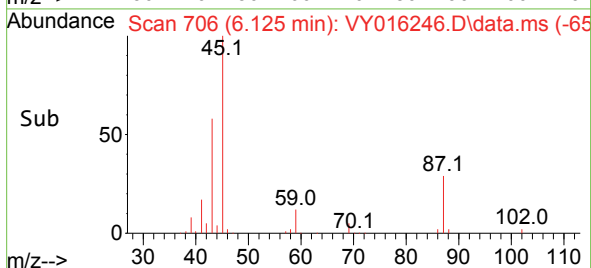
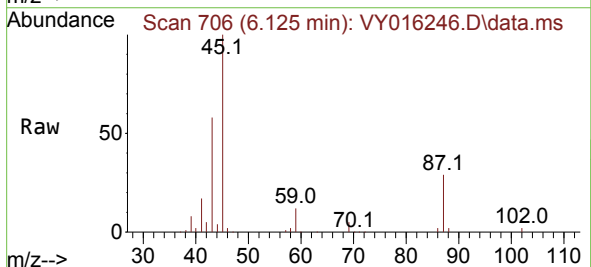


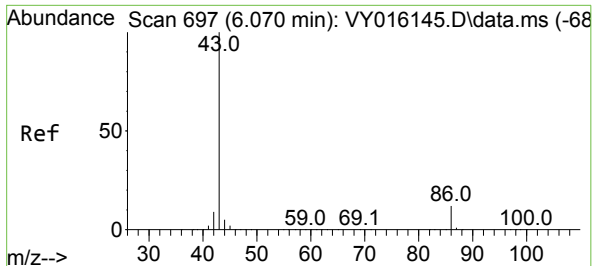
Tgt Ion: 96 Resp: 29486
Ion Ratio Lower Upper
96 100
61 129.2 110.2 165.4
98 63.9 51.8 77.6



#22
Diisopropyl ether
Concen: 22.206 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion: 45 Resp: 97630
Ion Ratio Lower Upper
45 100
43 56.8 52.2 78.4
87 29.2 21.0 31.6
59 11.6 8.9 13.3

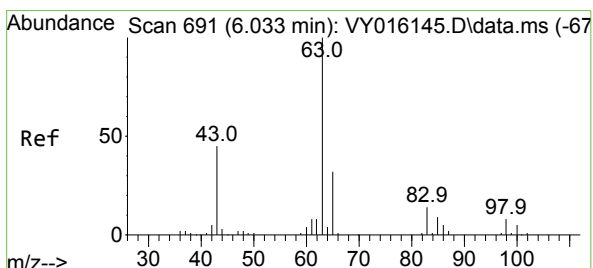
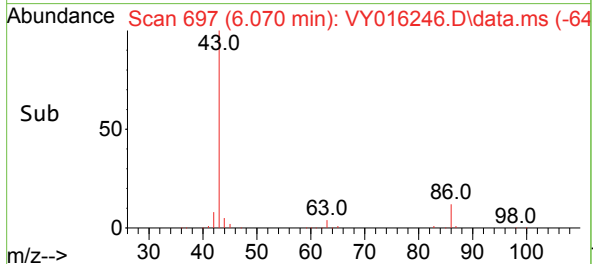
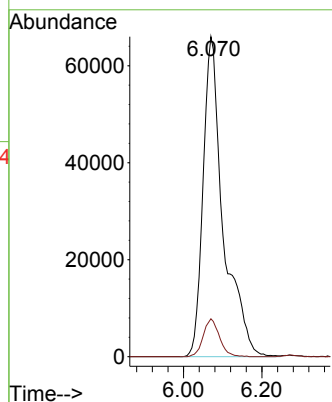
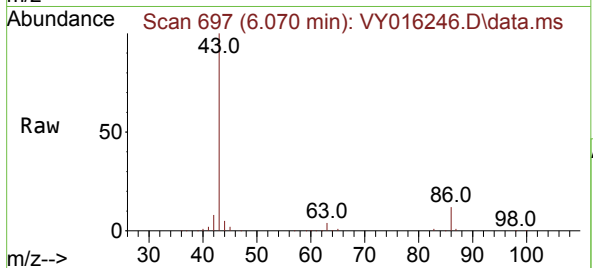




#23
 Vinyl Acetate
 Concen: 109.322 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY016246.D
 Acq: 07 Nov 2023 10:31

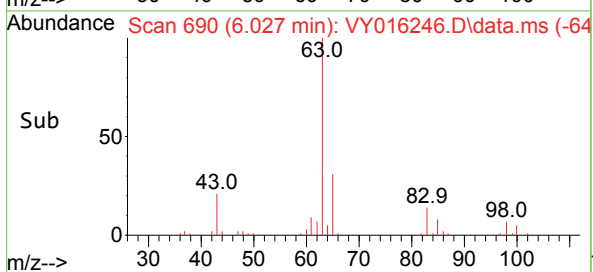
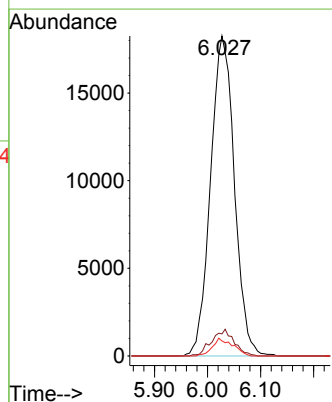
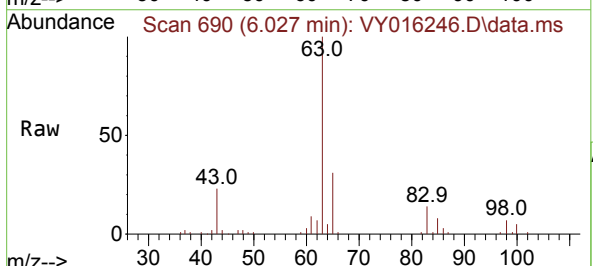
Instrument :
 MSVOA_Y
 ClientSampleId :

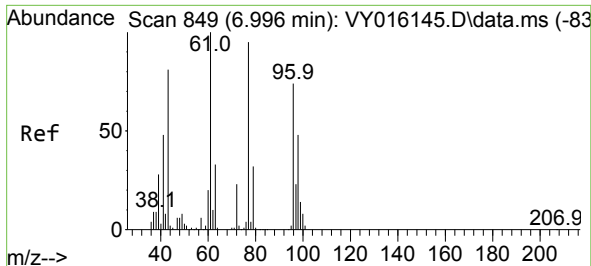
Tgt Ion: 43 Resp: 235986
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 21.684 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY016246.D
 Acq: 07 Nov 2023 10:31

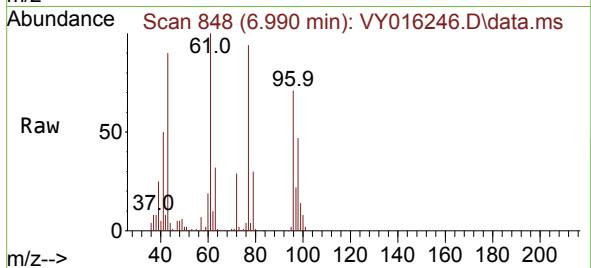
Tgt Ion: 63 Resp: 57056
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.7 1.8 5.5



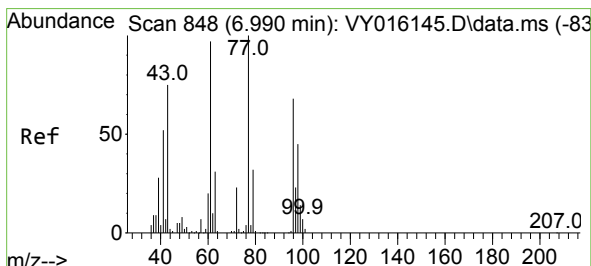
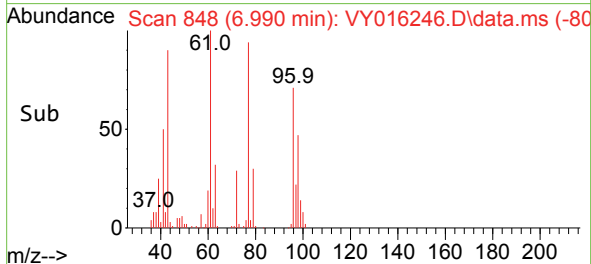
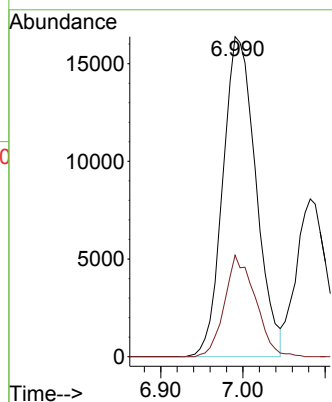


#25
2-Butanone
Concen: 110.423 ug/l
RT: 6.990 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :

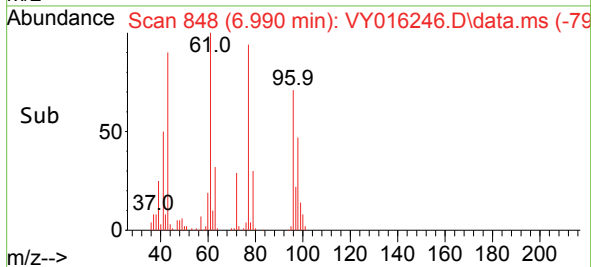
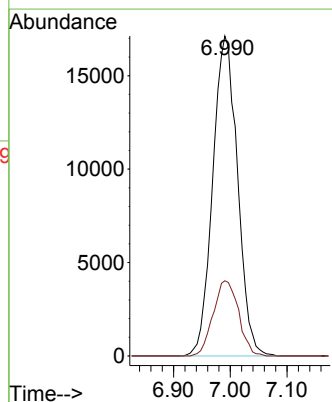
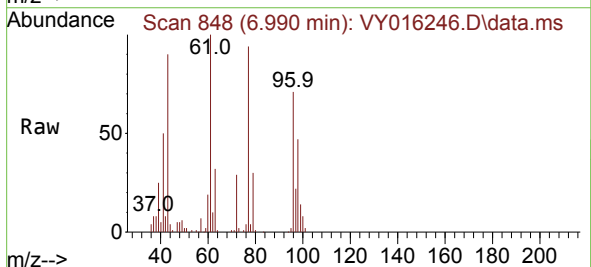


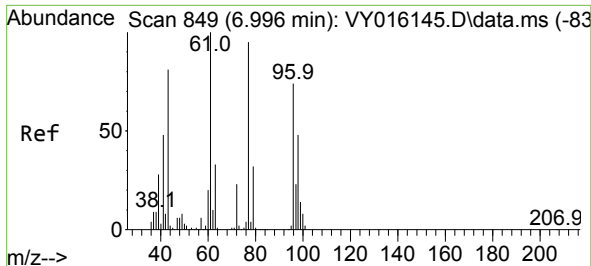
Tgt Ion: 43 Resp: 45782
Ion Ratio Lower Upper
43 100
72 31.7 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 20.860 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

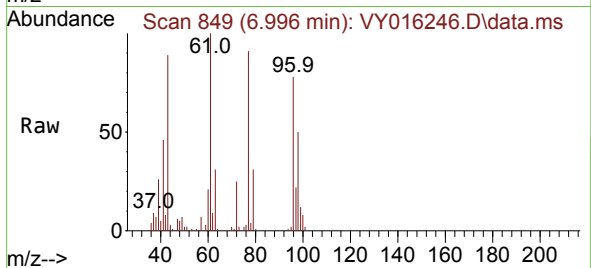
Tgt Ion: 77 Resp: 51887
Ion Ratio Lower Upper
77 100
97 24.1 10.9 32.9





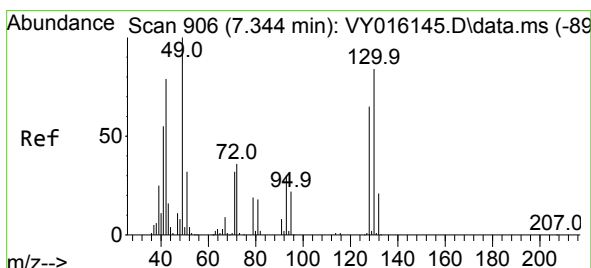
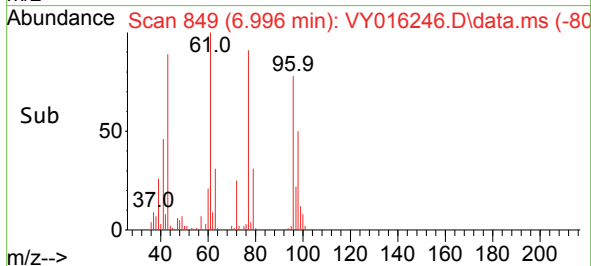
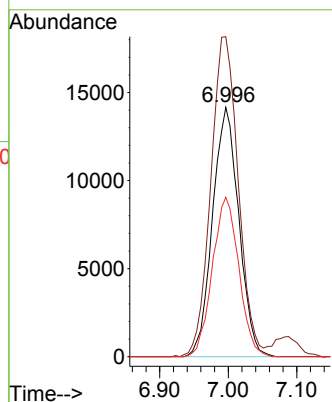
#27
 cis-1,2-Dichloroethene
 Concen: 21.615 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY016246.D
 Acq: 07 Nov 2023 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 37654

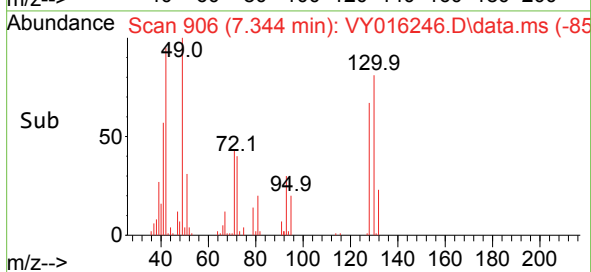
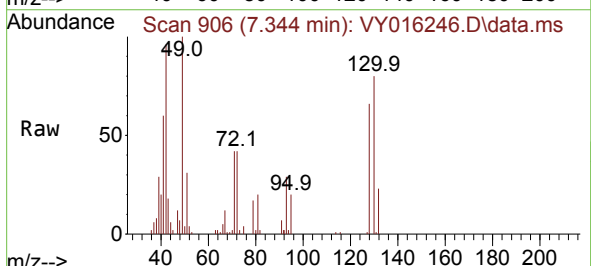
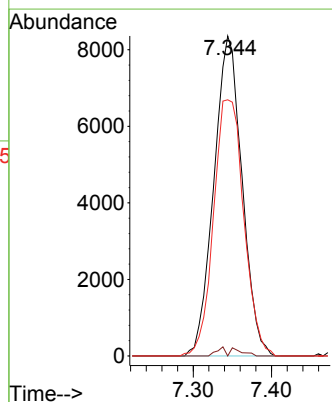
Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	301.4
98	64.4	0.0	130.4

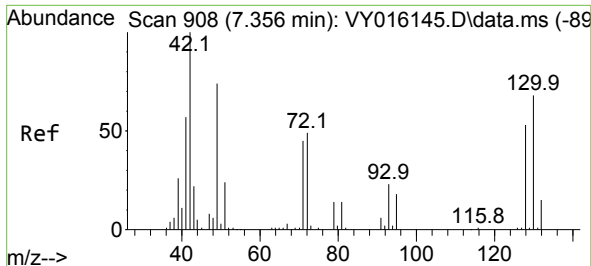


#28
 Bromochloromethane
 Concen: 21.243 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY016246.D
 Acq: 07 Nov 2023 10:31

Tgt Ion: 49 Resp: 20917

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.6
130	85.8	60.7	91.1





#29

Tetrahydrofuran

Concen: 114.814 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

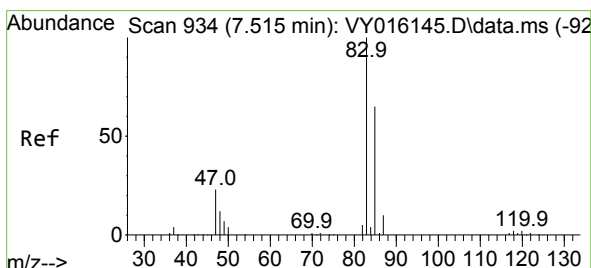
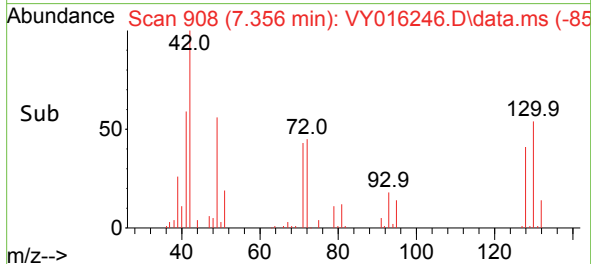
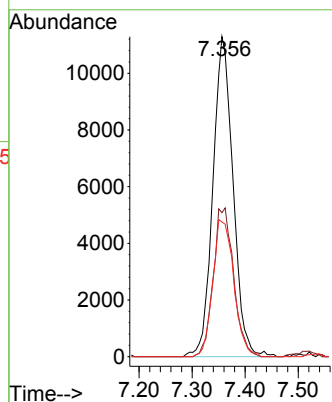
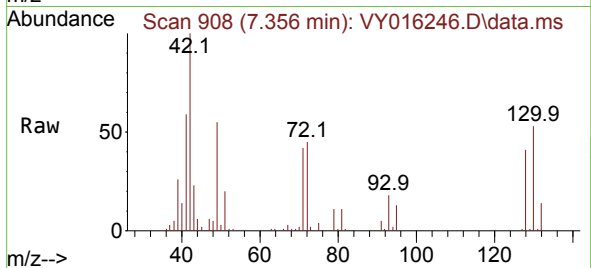
Tgt Ion: 42 Resp: 29840

Ion Ratio Lower Upper

42 100

72 47.1 32.8 49.2

71 44.5 31.0 46.4



#30

Chloroform

Concen: 21.727 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY016246.D

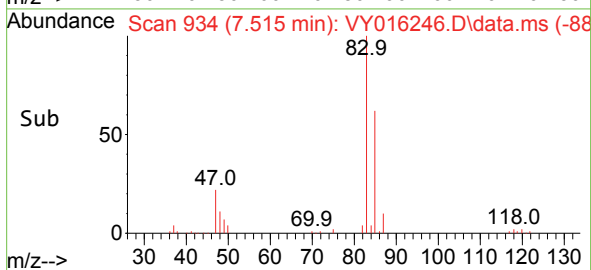
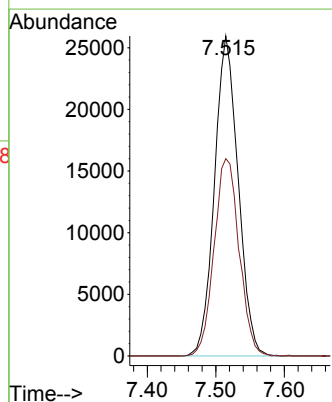
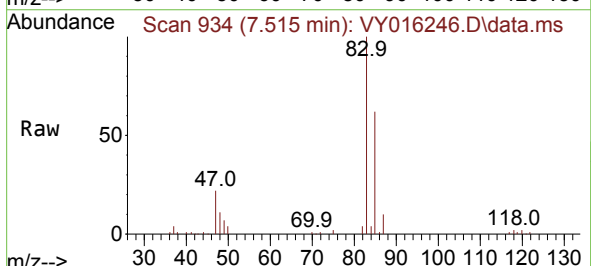
Acq: 07 Nov 2023 10:31

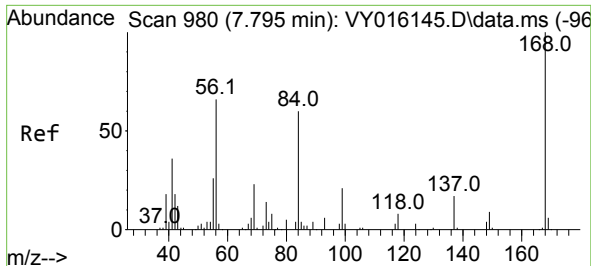
Tgt Ion: 83 Resp: 62243

Ion Ratio Lower Upper

83 100

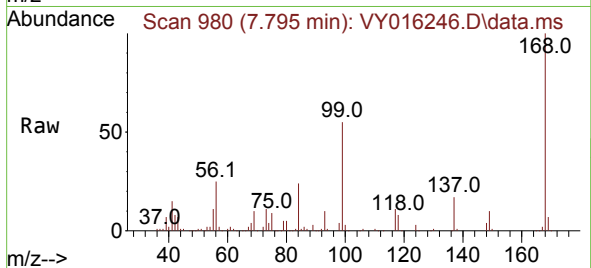
85 61.6 49.7 74.5



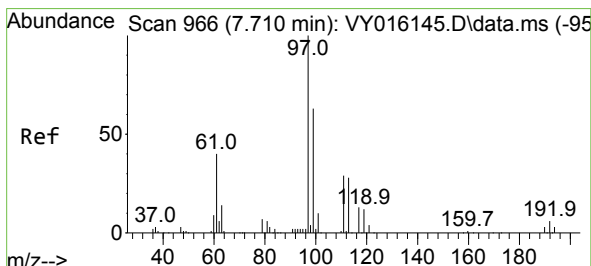
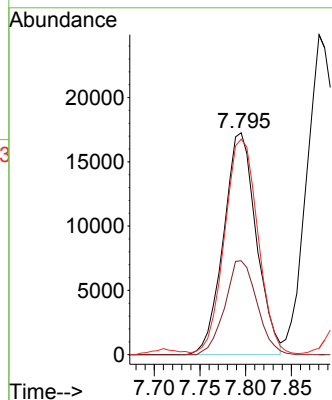
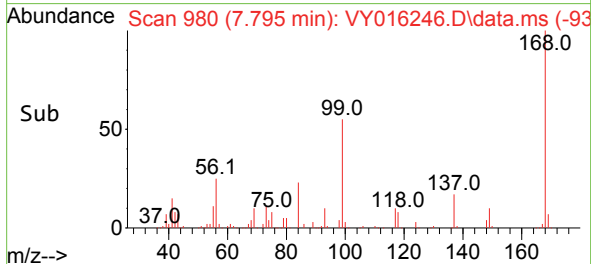


#31
Cyclohexane
Concen: 18.635 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :

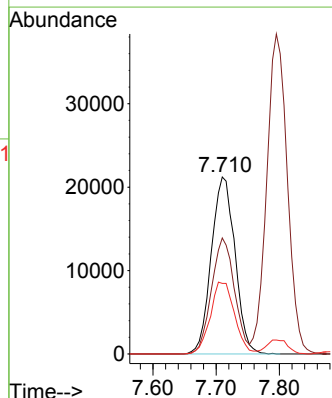
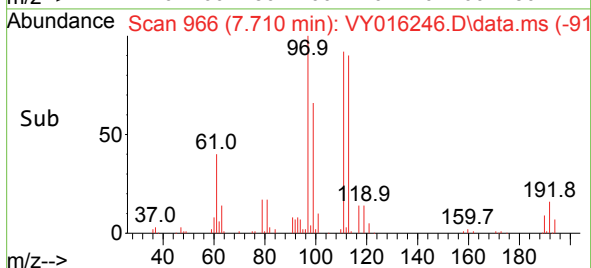
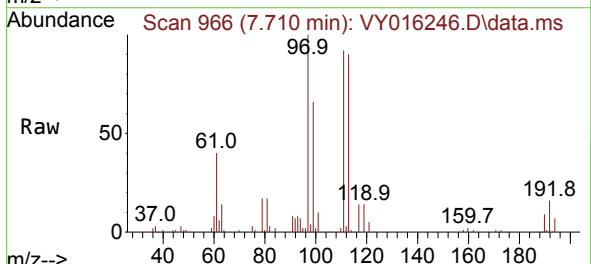


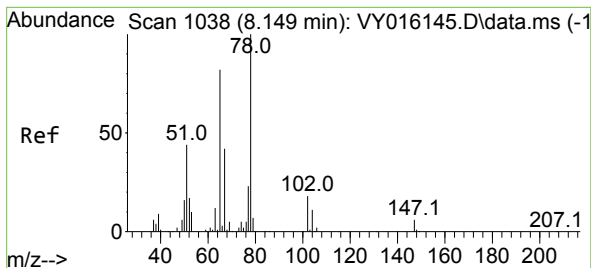
Tgt Ion: 56 Resp: 43050
Ion Ratio Lower Upper
56 100
69 42.3 27.8 41.6#
84 95.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 21.015 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion: 97 Resp: 55212
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 41.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.351 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

Instrument :

MSVOA_Y

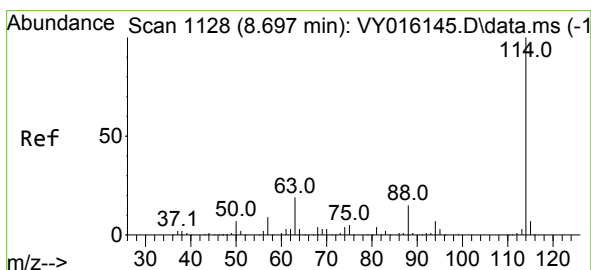
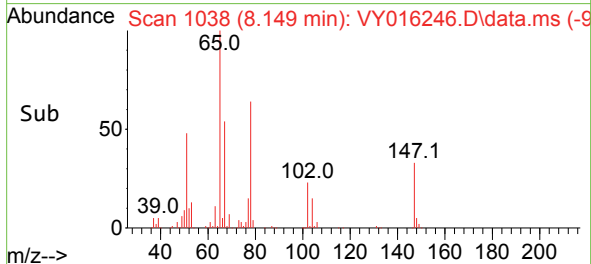
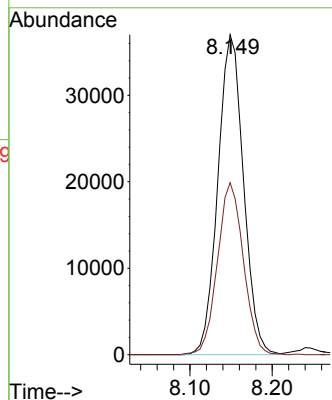
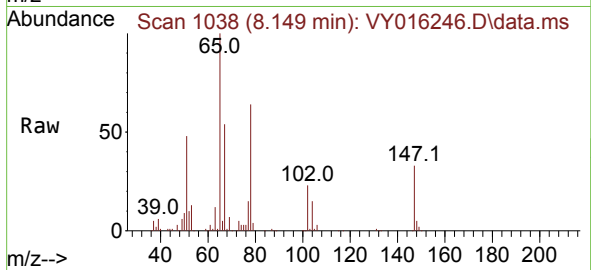
ClientSampleId :

Tgt Ion: 65 Resp: 80176

Ion Ratio Lower Upper

65 100

67 54.4 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: VY016246.D

Acq: 07 Nov 2023 10:31

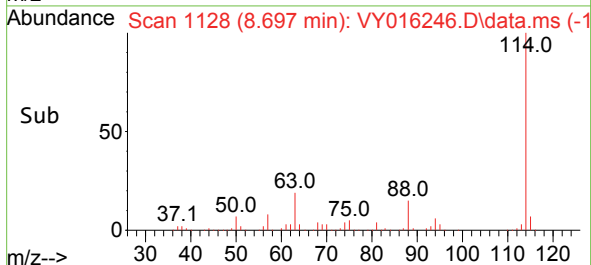
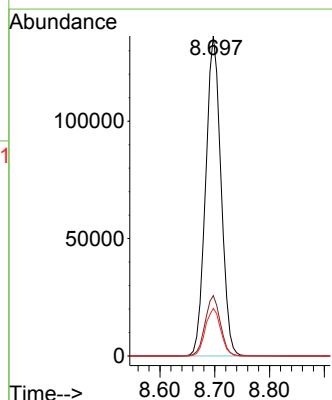
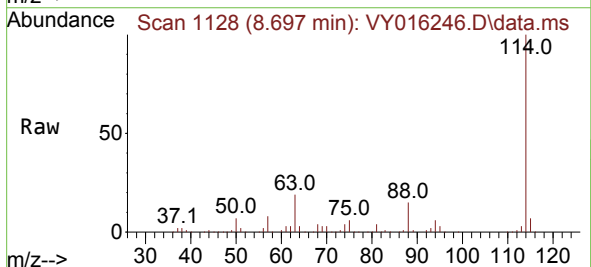
Tgt Ion:114 Resp: 263538

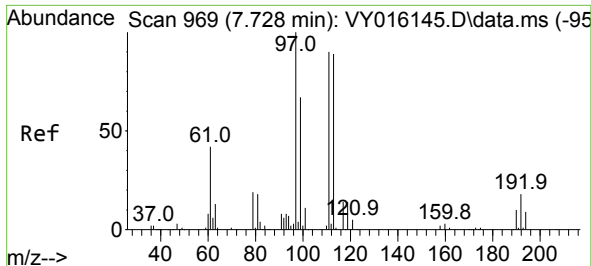
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

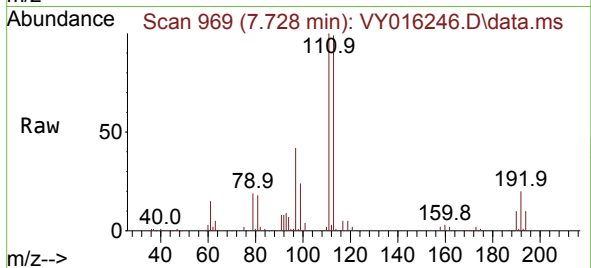
88 14.9 0.0 30.6



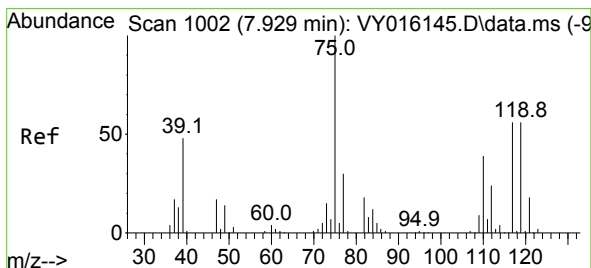
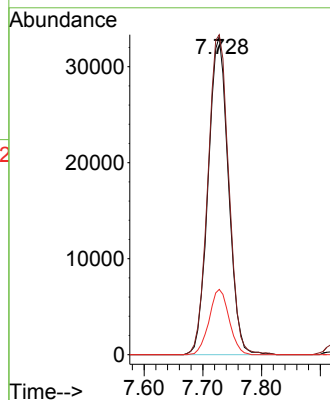
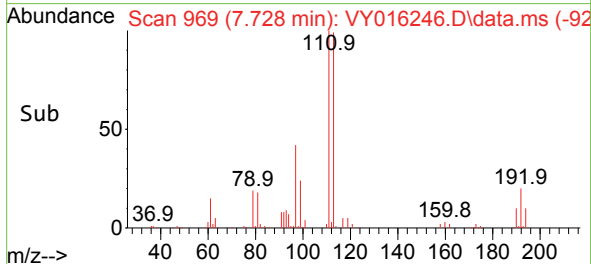


#35
Dibromofluoromethane
Concen: 50.231 ug/l
RT: 7.728 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :

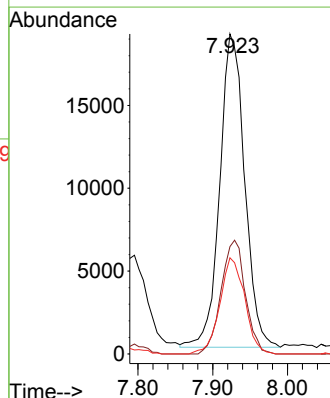
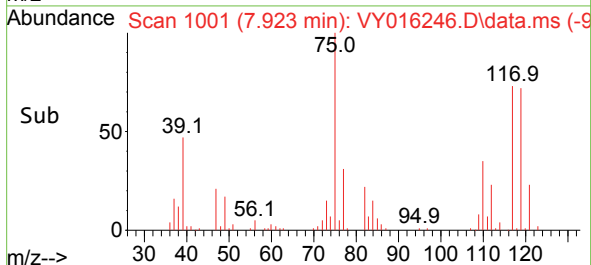
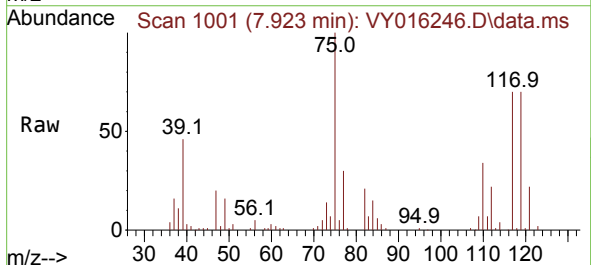


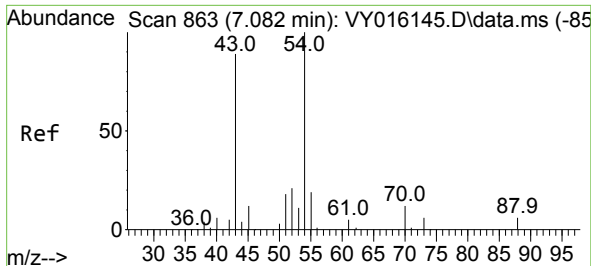
Tgt Ion:113 Resp: 78919
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 20.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.363 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion: 75 Resp: 43928
Ion Ratio Lower Upper
75 100
110 35.3 17.8 53.5
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 21.545 ug/l

RT: 7.082 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

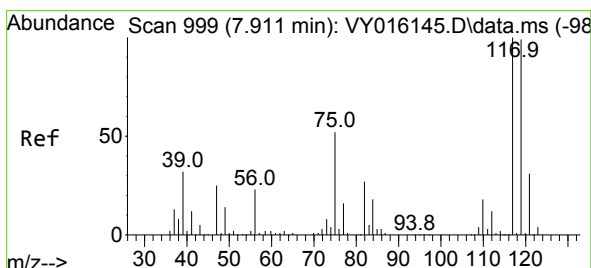
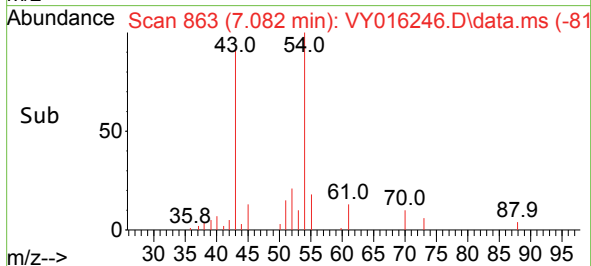
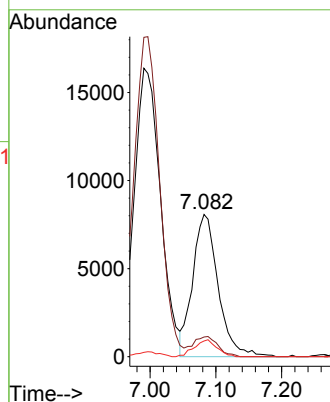
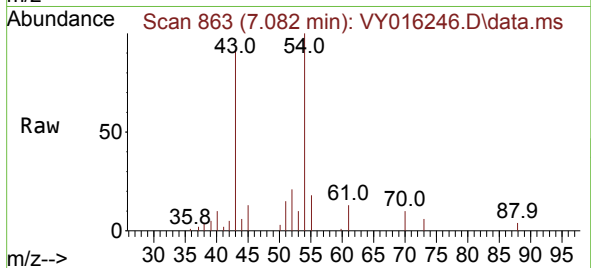
Tgt Ion: 43 Resp: 21771

Ion Ratio Lower Upper

43 100

61 14.0 10.1 15.1

70 10.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 21.324 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

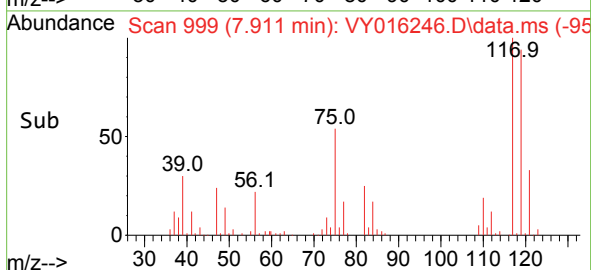
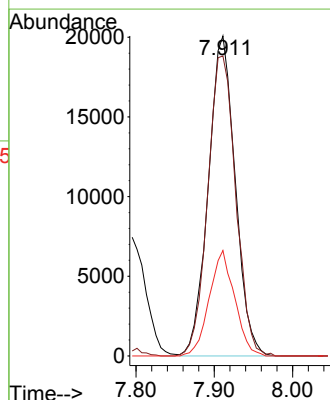
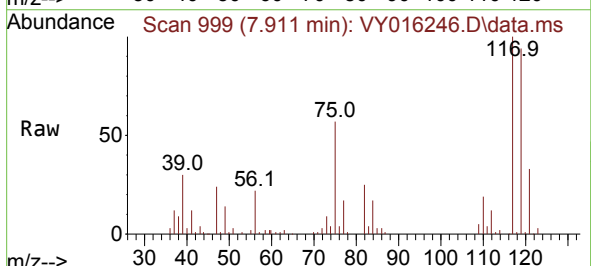
Tgt Ion: 117 Resp: 47928

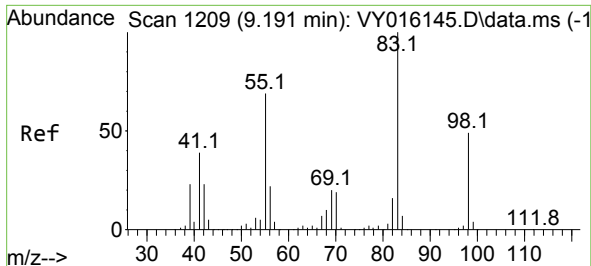
Ion Ratio Lower Upper

117 100

119 93.7 76.4 114.6

121 33.0 25.8 38.6





#39

Methylcyclohexane

Concen: 17.946 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

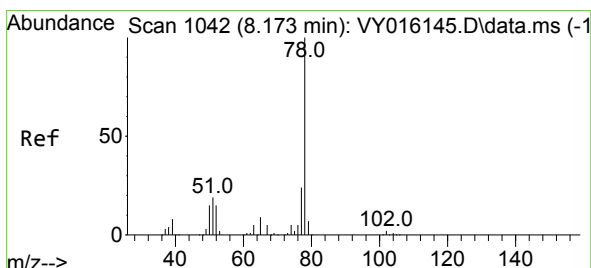
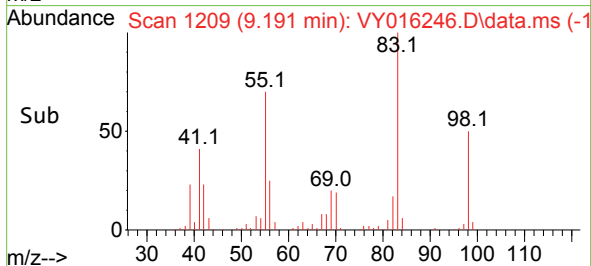
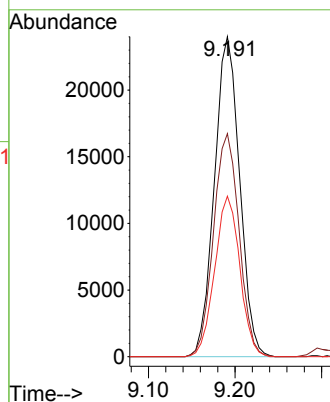
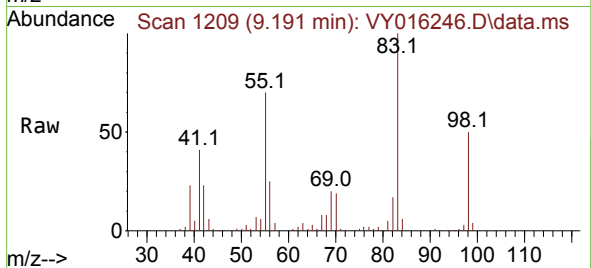
Tgt Ion: 83 Resp: 48598

Ion Ratio Lower Upper

83 100

55 69.7 63.0 94.4

98 50.2 37.4 56.2



#40

Benzene

Concen: 19.872 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016246.D

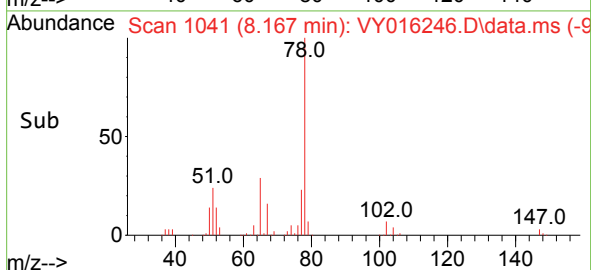
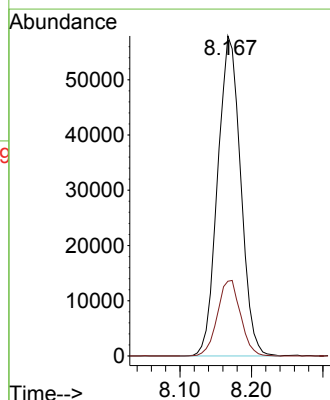
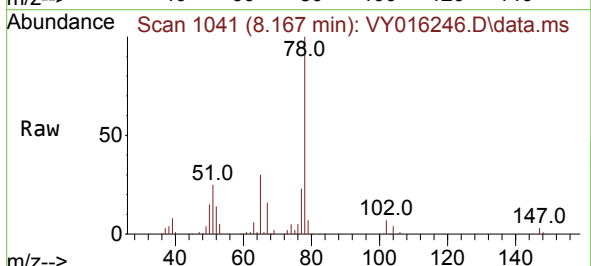
Acq: 07 Nov 2023 10:31

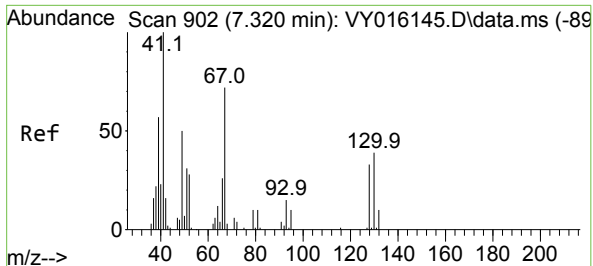
Tgt Ion: 78 Resp: 129431

Ion Ratio Lower Upper

78 100

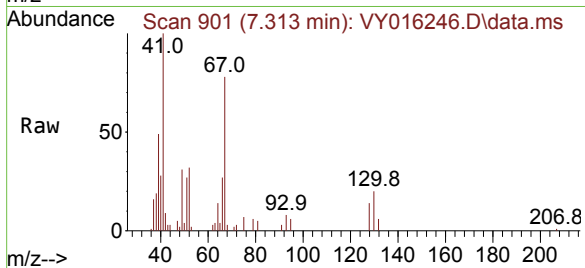
77 23.3 19.0 28.6



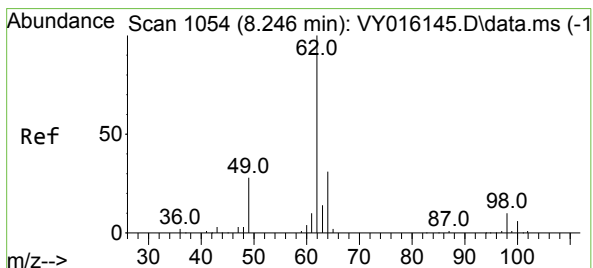
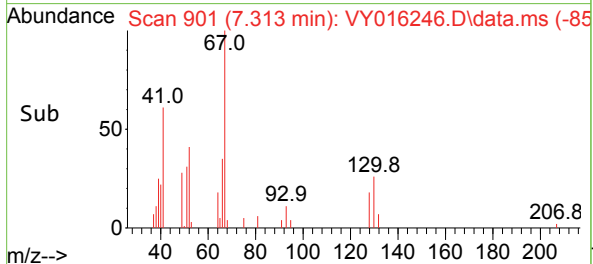
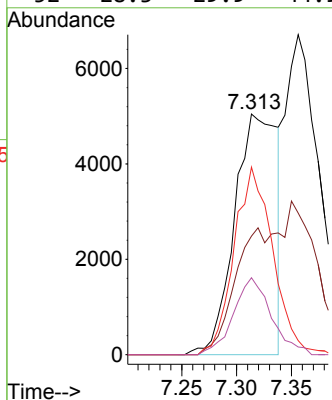


#41
Methacrylonitrile
Concen: 23.238 ug/l
RT: 7.313 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :

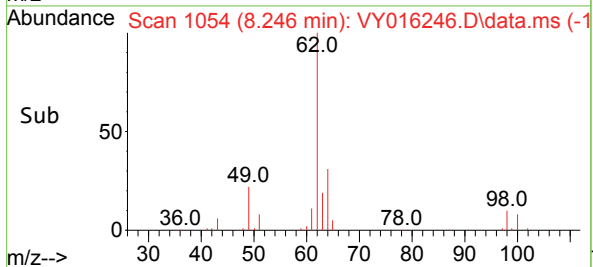
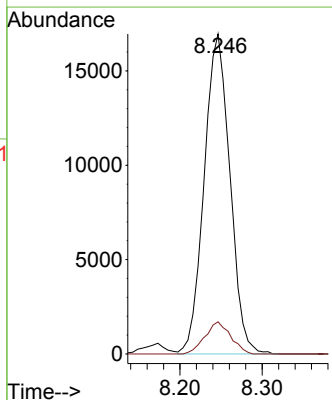
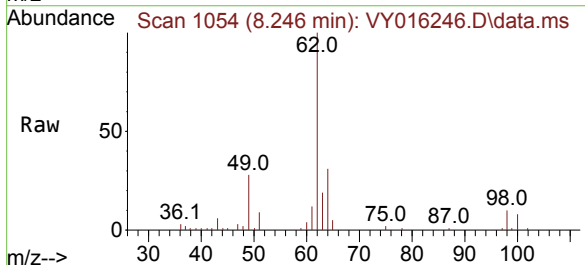


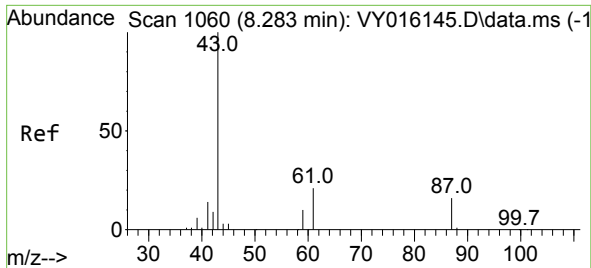
Tgt Ion: 41 Resp: 13630
Ion Ratio Lower Upper
41 100
39 38.4 52.1 78.1#
67 71.1 66.2 99.2
52 28.3 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.307 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion: 62 Resp: 36910
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8

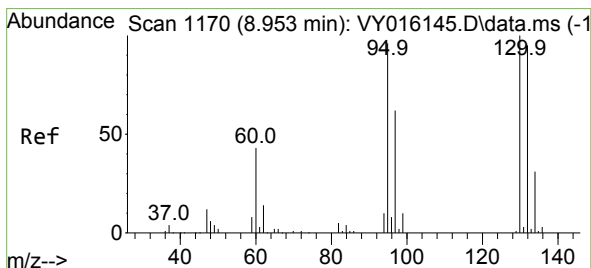
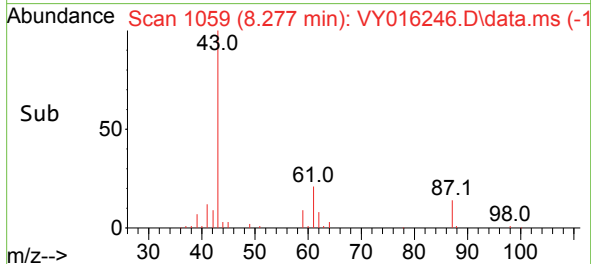
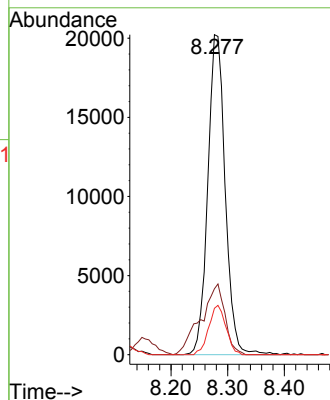
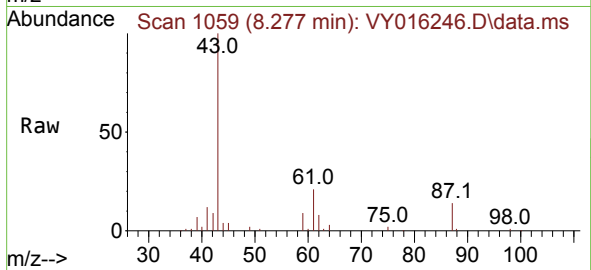




#43
Isopropyl Acetate
Concen: 21.595 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

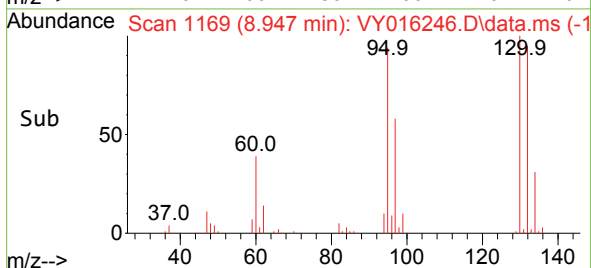
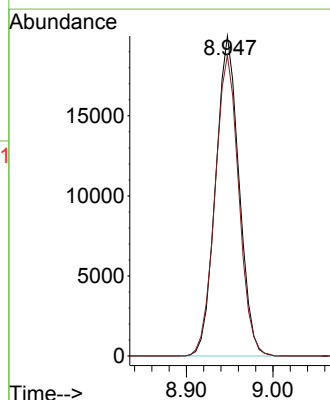
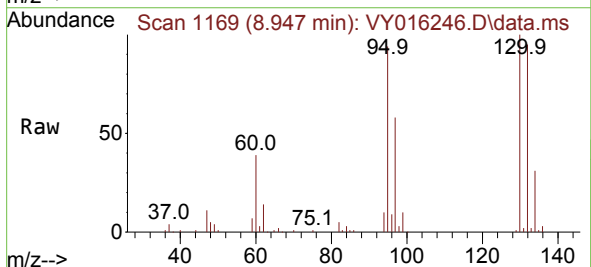
Instrument :
MSVOA_Y
ClientSampleId :

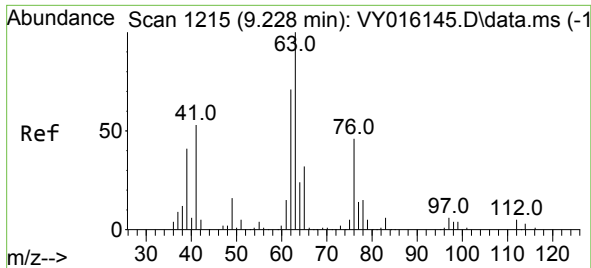
Tgt Ion: 43 Resp: 43164
Ion Ratio Lower Upper
43 100
61 30.6 21.1 31.7
87 15.2 9.8 14.8#



#44
Trichloroethene
Concen: 19.616 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion:130 Resp: 37388
Ion Ratio Lower Upper
130 100
95 93.9 0.0 196.0

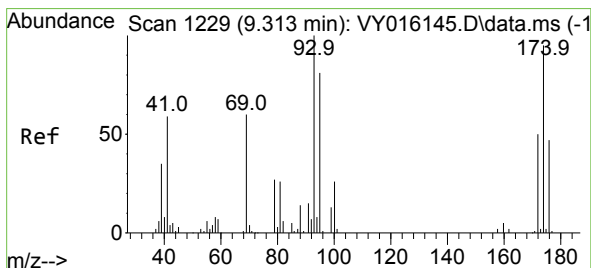
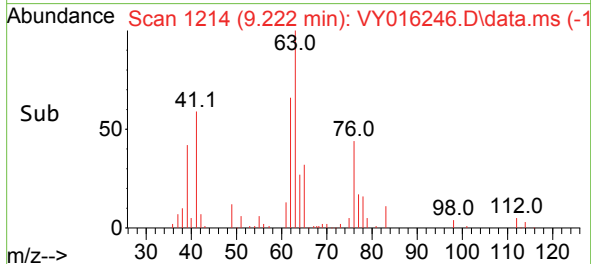
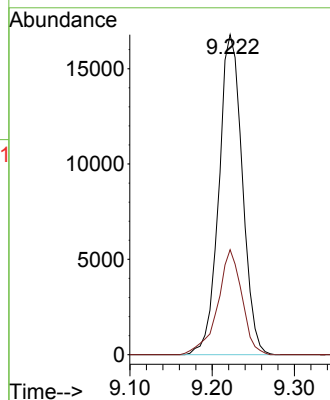
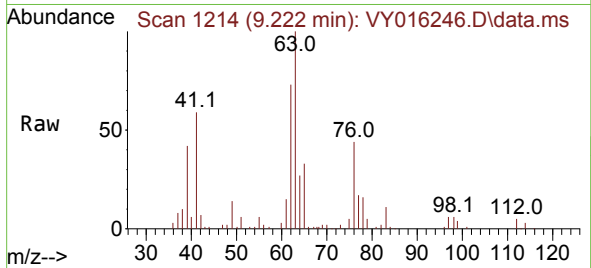




#45
1,2-Dichloropropane
Concen: 21.184 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

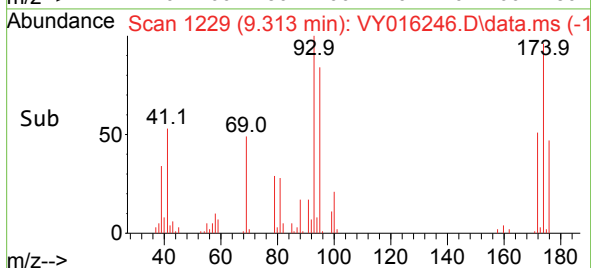
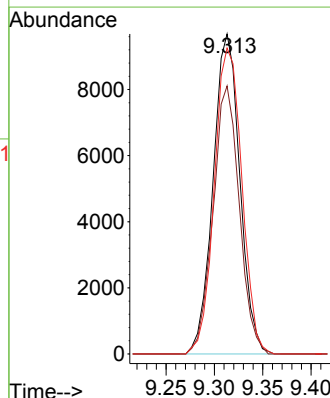
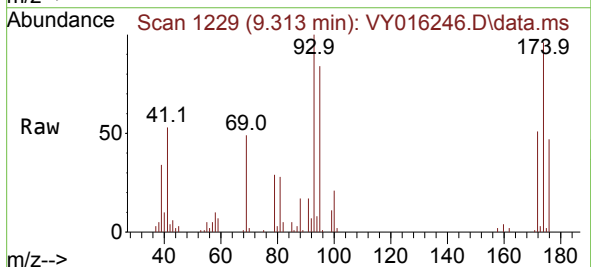
Instrument :
MSVOA_Y
ClientSampleId :

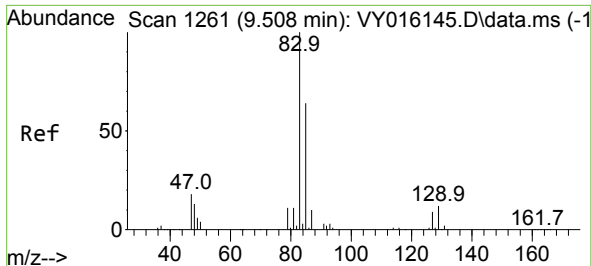
Tgt Ion: 63 Resp: 33192
Ion Ratio Lower Upper
63 100
65 32.8 23.8 35.6



#46
Dibromomethane
Concen: 20.889 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion: 93 Resp: 18567
Ion Ratio Lower Upper
93 100
95 82.4 66.6 100.0
174 98.7 84.8 127.2

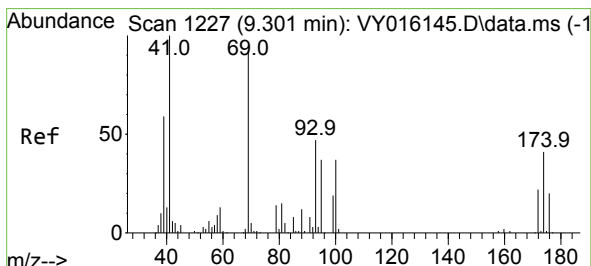
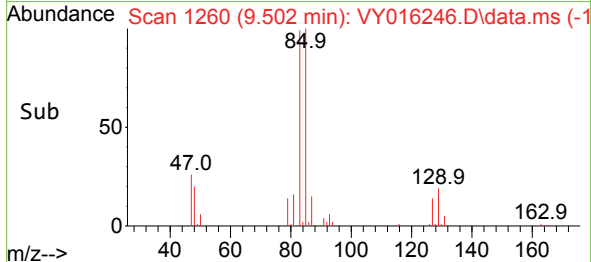
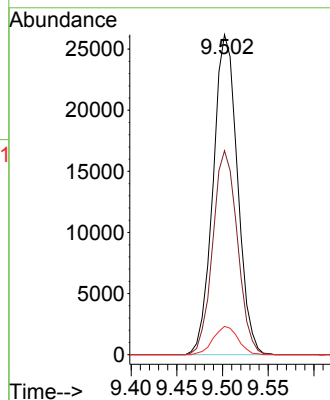
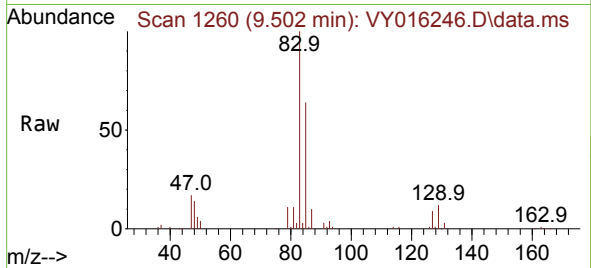




#47
Bromodichloromethane
Concen: 21.522 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

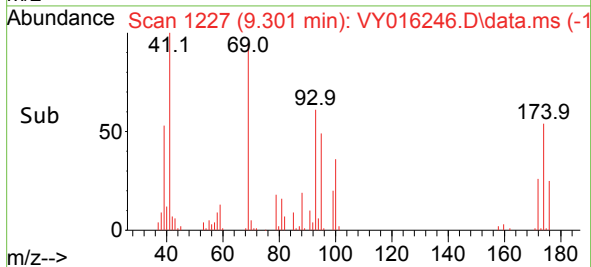
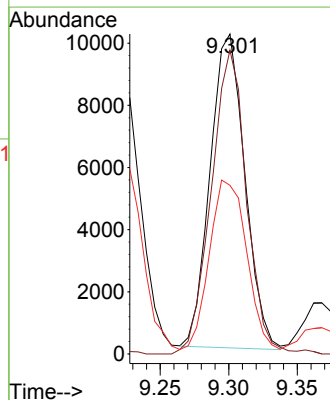
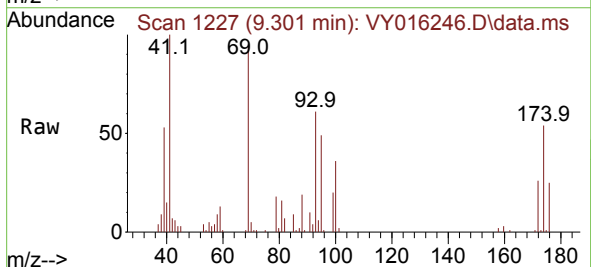
Instrument :
MSVOA_Y
ClientSampleId :

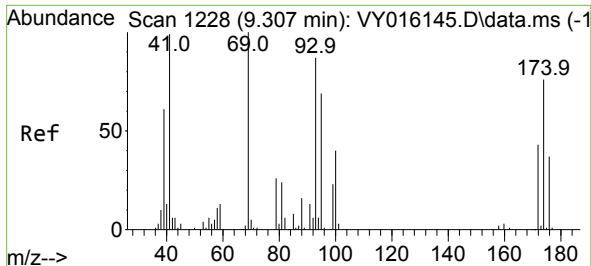
Tgt Ion: 83 Resp: 48602
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 19.603 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion: 41 Resp: 17817
Ion Ratio Lower Upper
41 100
69 98.2 64.5 96.7#
39 60.7 50.8 76.2





#49

1,4-Dioxane

Concen: 325.850 ug/l

RT: 9.307 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

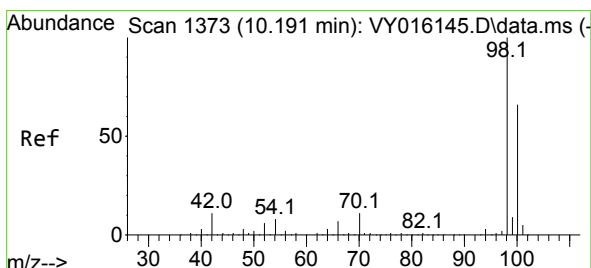
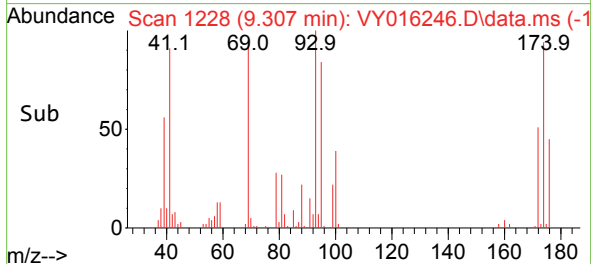
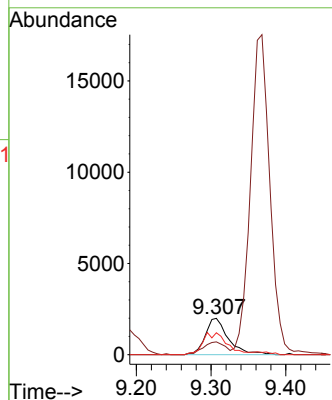
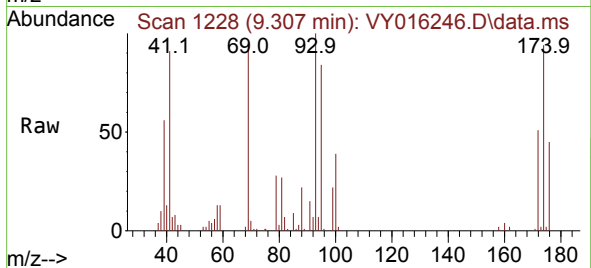
Tgt Ion: 88 Resp: 4273

Ion Ratio Lower Upper

88 100

43 33.6 0.0 0.0#

58 64.2 30.9 46.3#



#50

Toluene-d8

Concen: 50.810 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016246.D

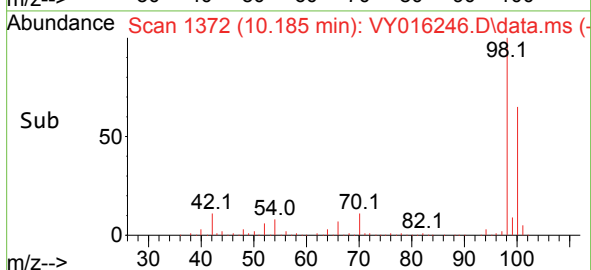
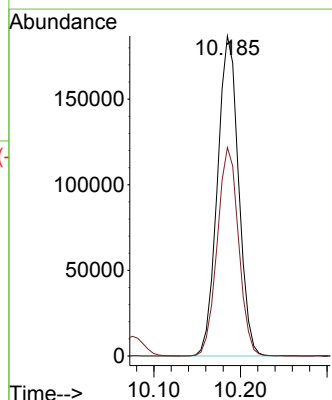
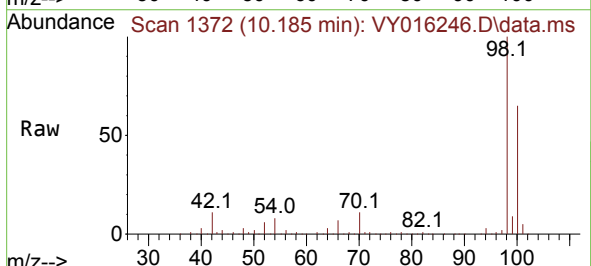
Acq: 07 Nov 2023 10:31

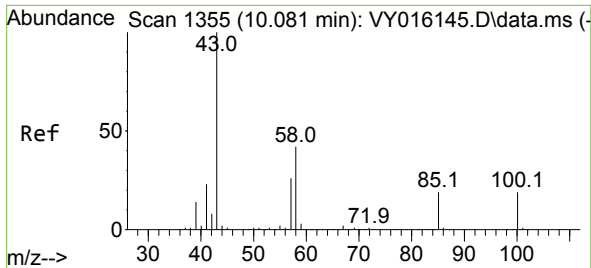
Tgt Ion: 98 Resp: 316507

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

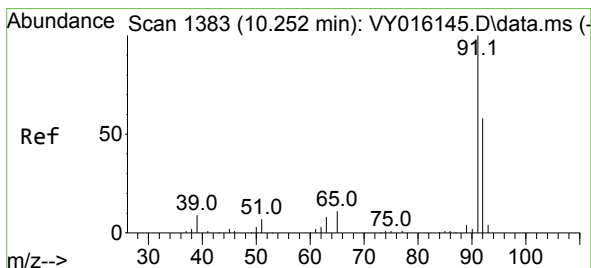
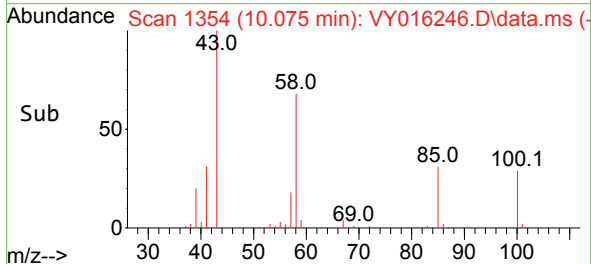
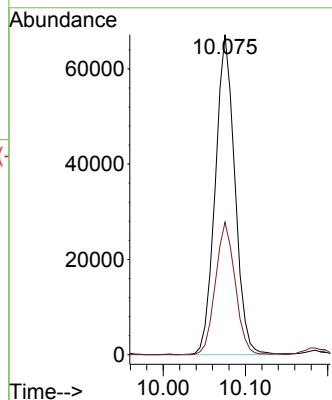
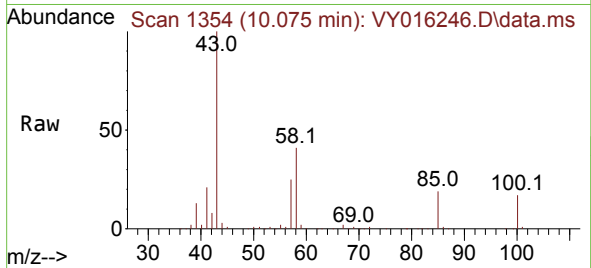




#51
4-Methyl-2-Pentanone
Concen: 111.356 ug/l
RT: 10.075 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

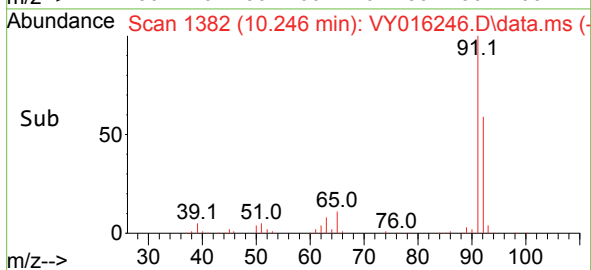
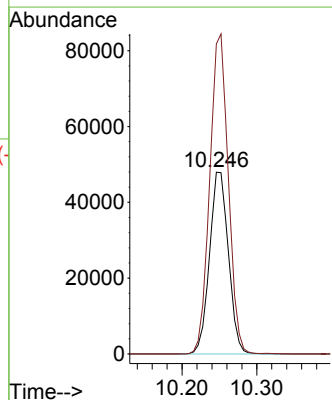
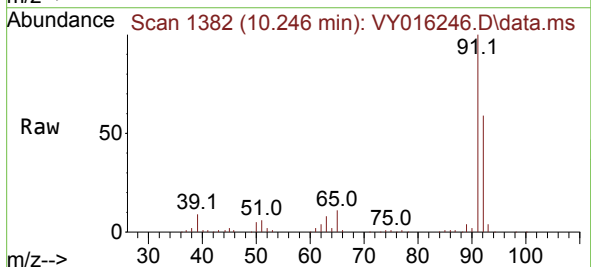
Instrument :
MSVOA_Y
ClientSampleId :

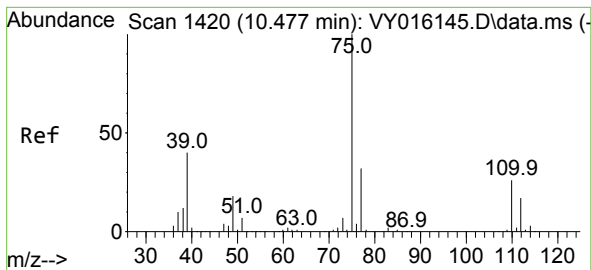
Tgt Ion: 43 Resp: 111058
Ion Ratio Lower Upper
43 100
58 41.7 29.0 43.6



#52
Toluene
Concen: 19.939 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion: 92 Resp: 84155
Ion Ratio Lower Upper
92 100
91 172.8 143.8 215.6

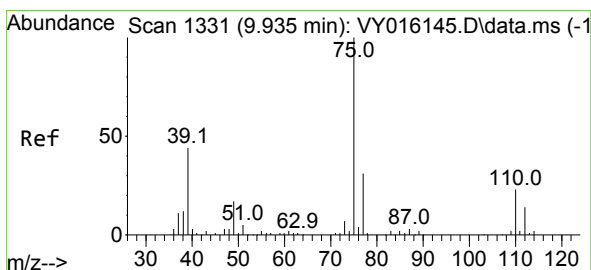
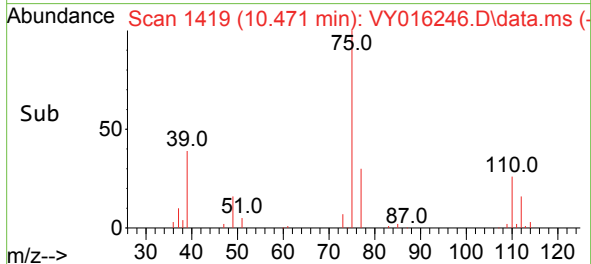
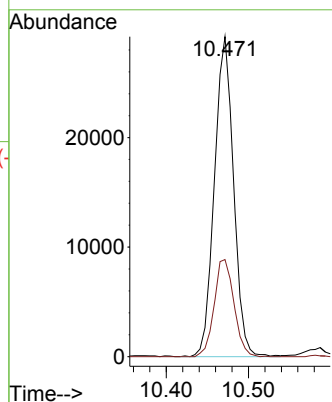
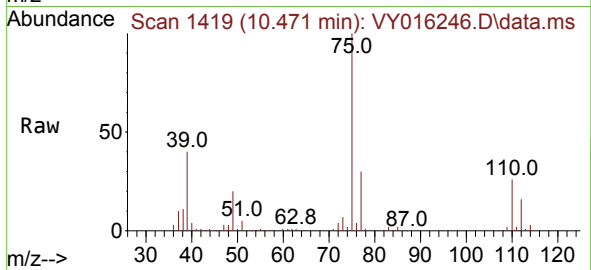




#53
 t-1,3-Dichloropropene
 Concen: 20.944 ug/l
 RT: 10.471 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VY016246.D
 Acq: 07 Nov 2023 10:31

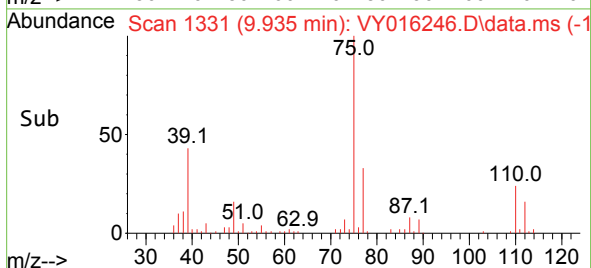
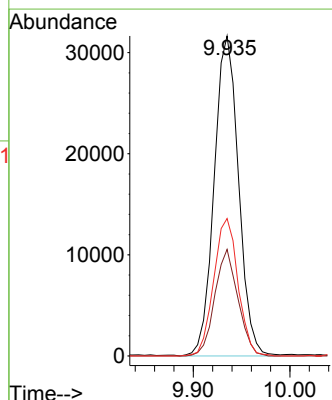
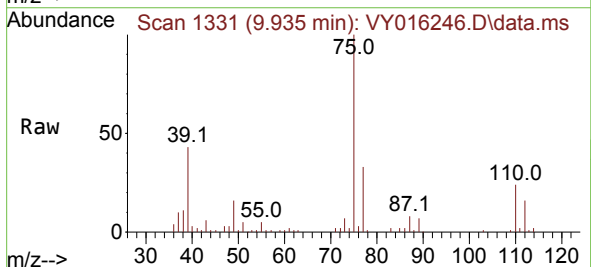
Instrument :
 MSVOA_Y
 ClientSampleId :

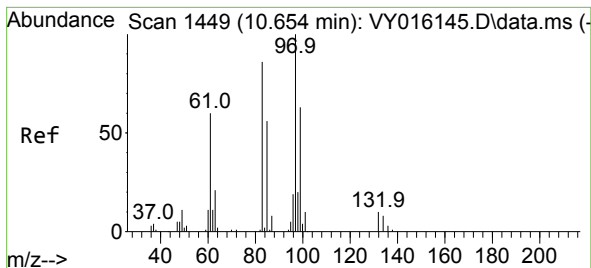
Tgt Ion: 75 Resp: 47216
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.933 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY016246.D
 Acq: 07 Nov 2023 10:31

Tgt Ion: 75 Resp: 55374
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.2 36.4
 39 43.0 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 21.299 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 26629

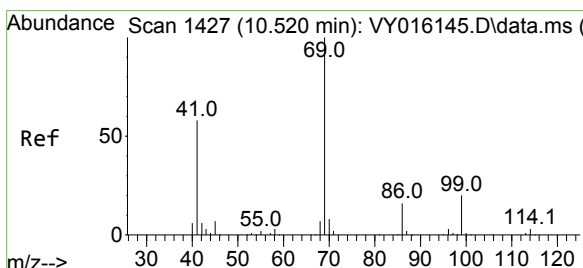
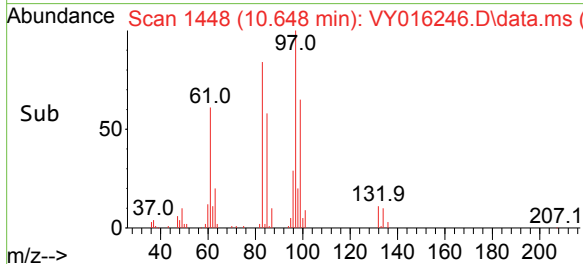
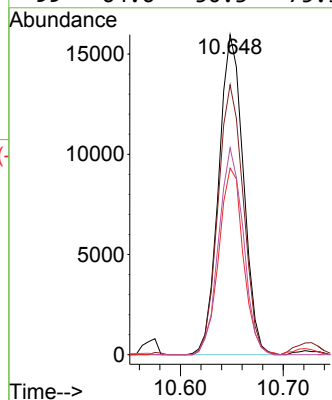
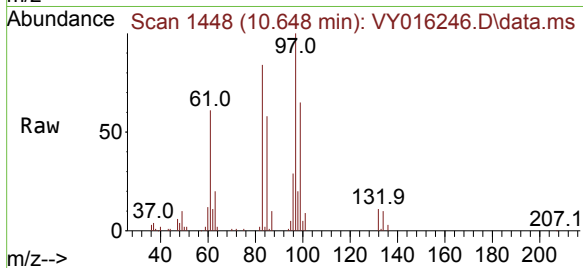
Ion Ratio Lower Upper

97 100

83 84.3 72.0 108.0

85 58.3 45.4 68.0

99 64.6 50.3 75.5



#56

Ethyl methacrylate

Concen: 21.398 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

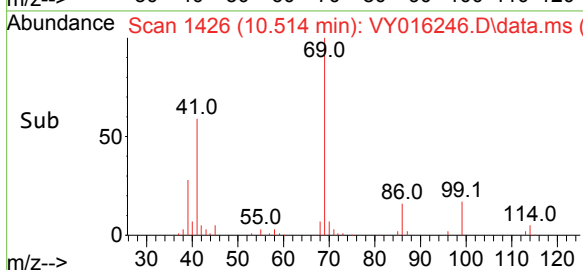
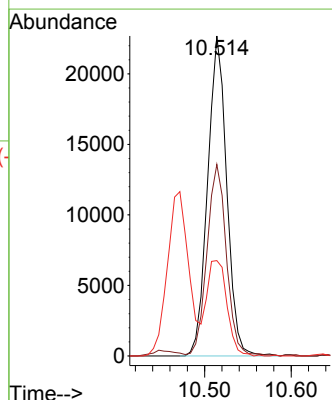
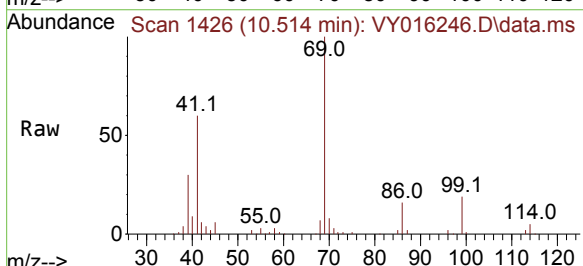
Tgt Ion: 69 Resp: 34744

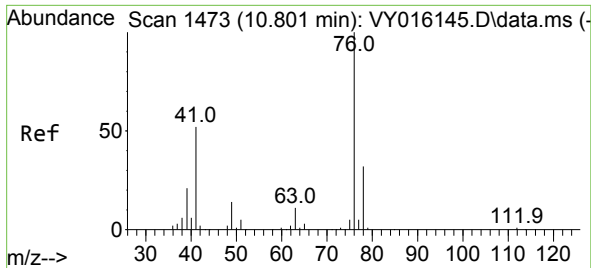
Ion Ratio Lower Upper

69 100

41 61.1 57.6 86.4

39 31.0 34.1 51.1#

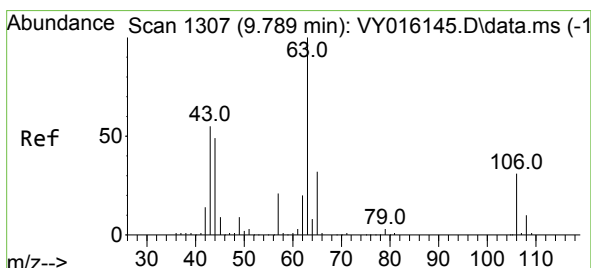
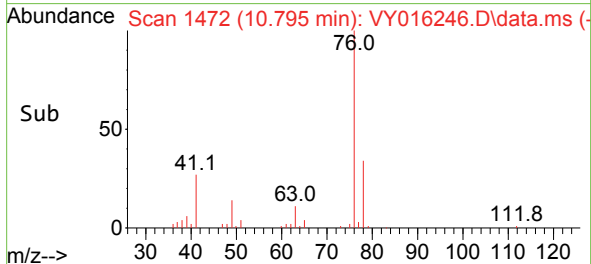
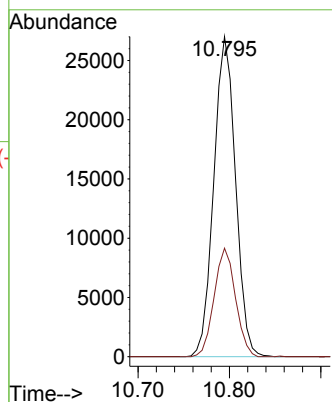
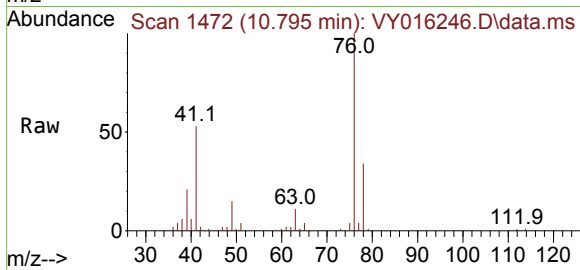




#57
1,3-Dichloropropane
Concen: 20.946 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

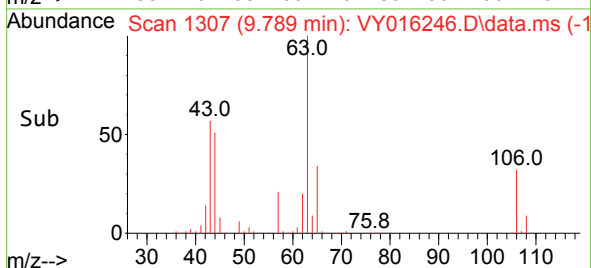
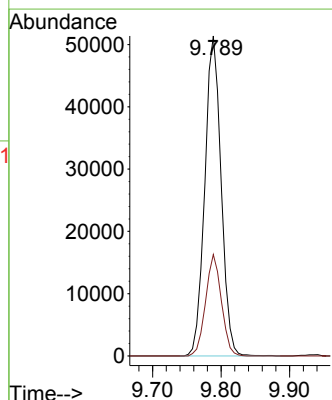
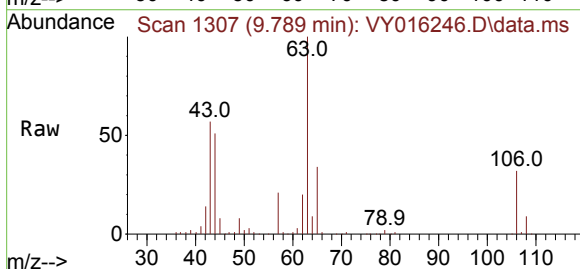
Instrument :
MSVOA_Y
ClientSampleId :

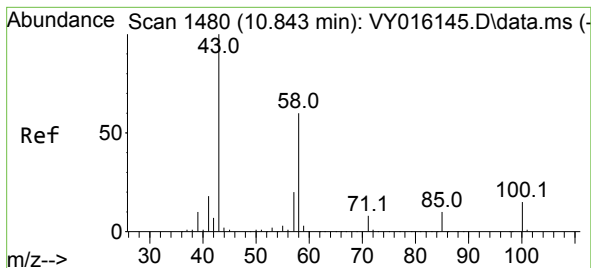
Tgt Ion: 76 Resp: 44583
Ion Ratio Lower Upper
76 100
78 33.3 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 108.228 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion: 63 Resp: 85213
Ion Ratio Lower Upper
63 100
106 30.5 21.2 31.8

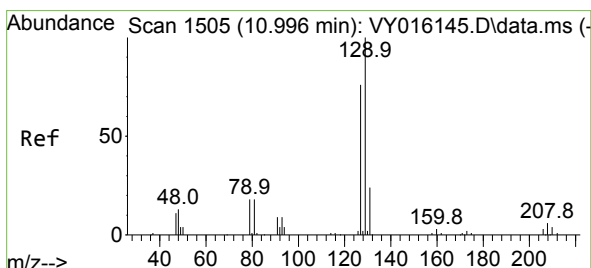
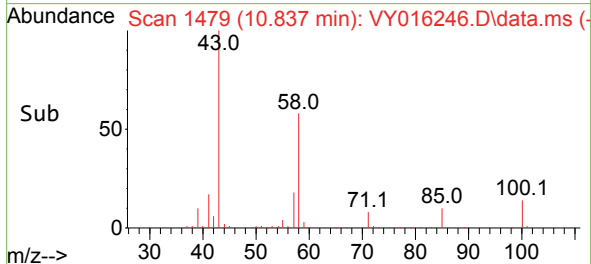
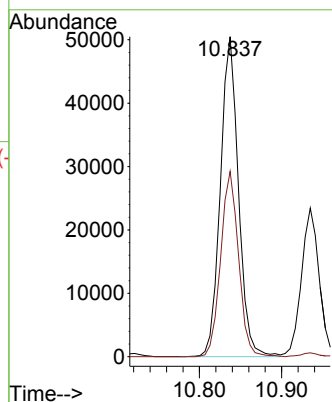
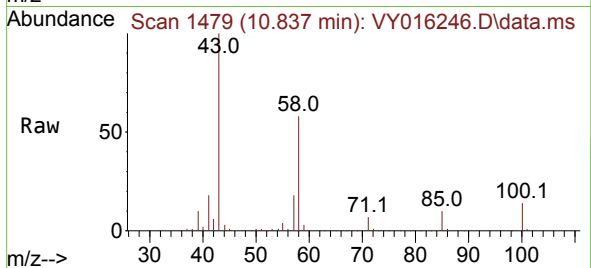




#59
2-Hexanone
Concen: 112.894 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

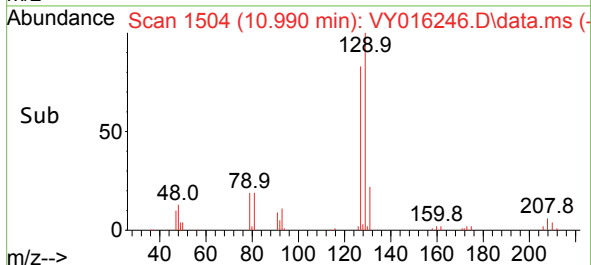
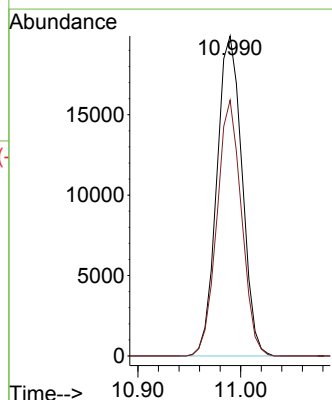
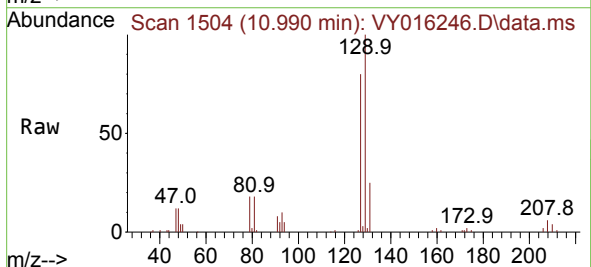
Instrument :
MSVOA_Y
ClientSampleId :

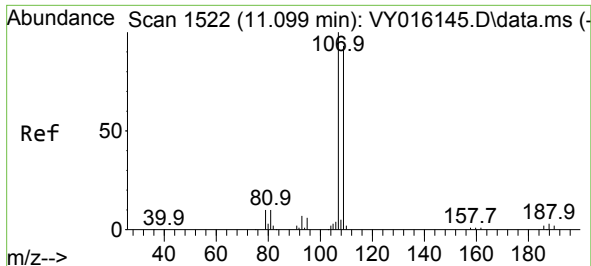
Tgt Ion: 43 Resp: 77155
Ion Ratio Lower Upper
43 100
58 57.3 25.1 75.3



#60
Dibromochloromethane
Concen: 21.635 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion:129 Resp: 33935
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

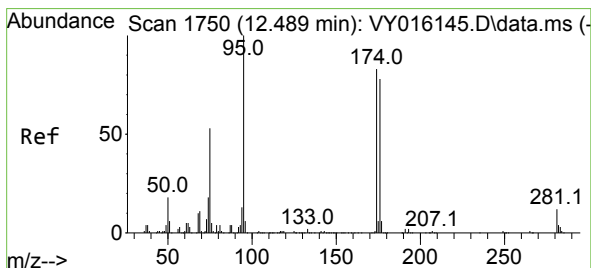
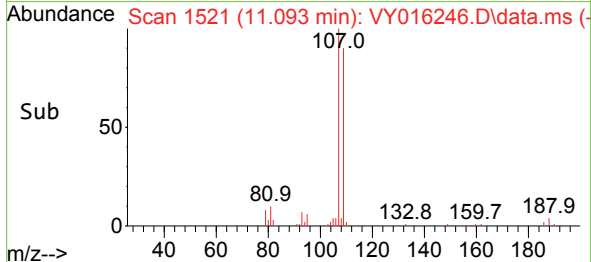
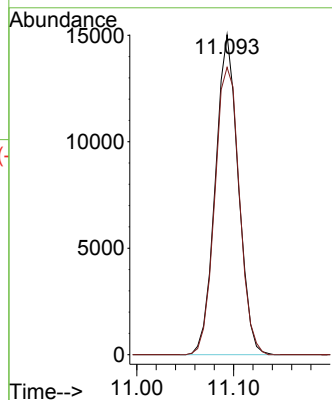
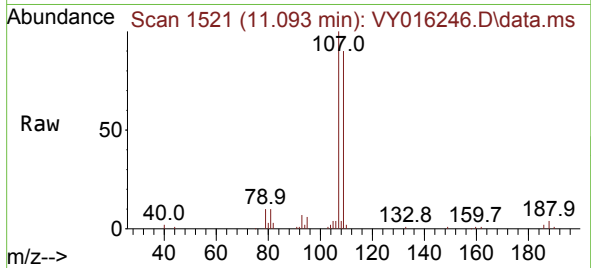




#61
1,2-Dibromoethane
Concen: 20.797 ug/l
RT: 11.093 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

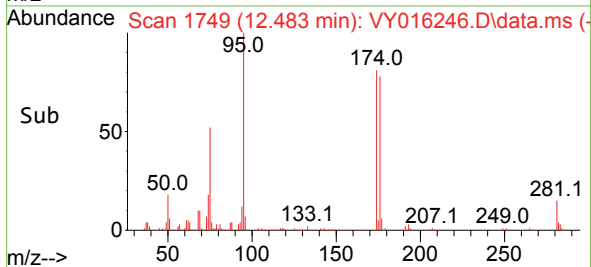
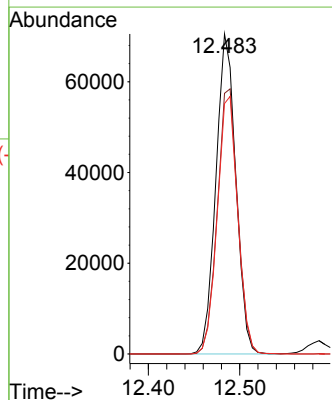
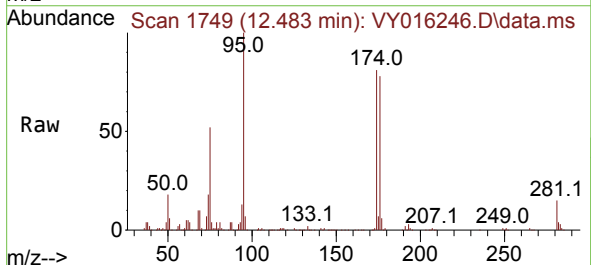
Instrument :
MSVOA_Y
ClientSampleId :

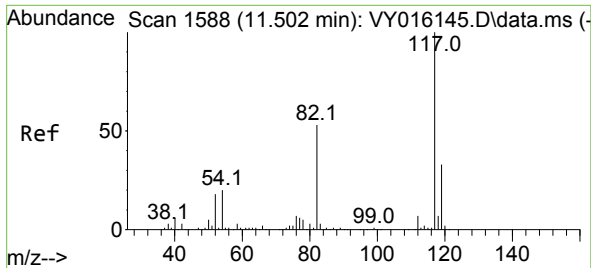
Tgt Ion:107 Resp: 24732
Ion Ratio Lower Upper
107 100
109 96.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.118 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

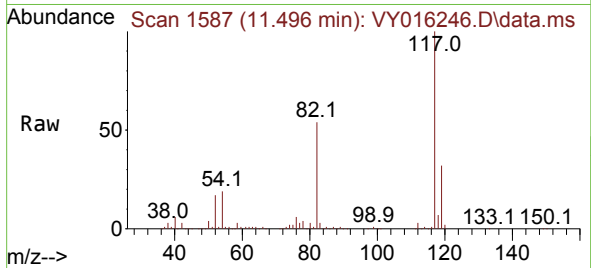
Tgt Ion: 95 Resp: 106755
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 82.8 0.0 173.8



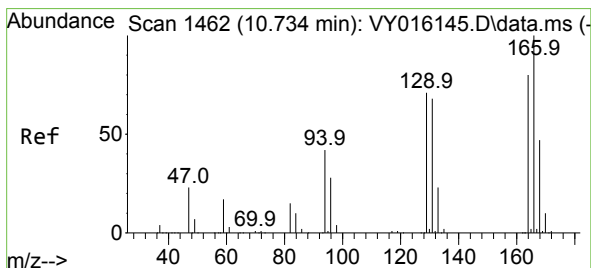
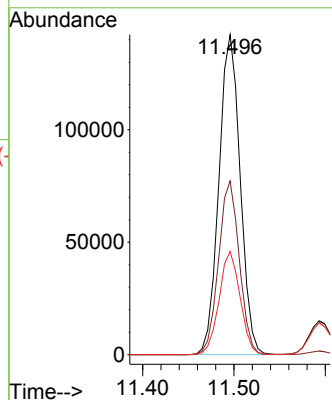
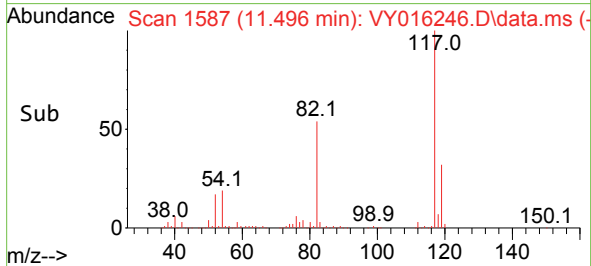


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

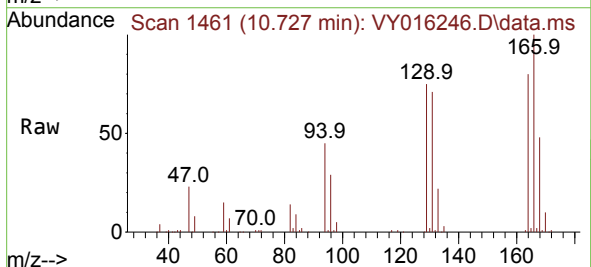
Instrument :
MSVOA_Y
ClientSampleId :



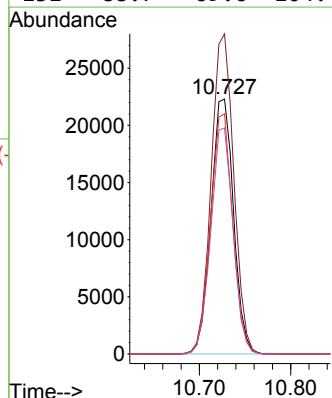
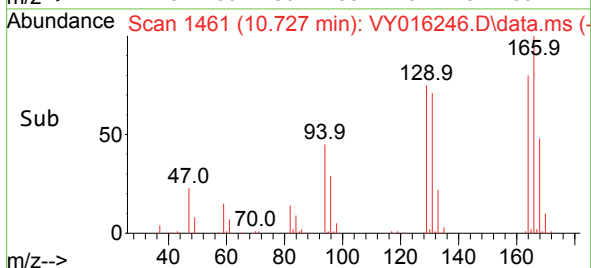
Tgt Ion:117 Resp: 230283
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.3 26.3 39.5

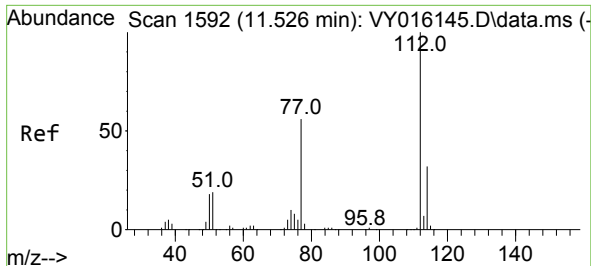


#64
Tetrachloroethene
Concen: 18.631 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31



Tgt Ion:164 Resp: 38162
Ion Ratio Lower Upper
164 100
166 125.6 103.0 154.6
129 94.2 77.2 115.8
131 88.7 69.6 104.4

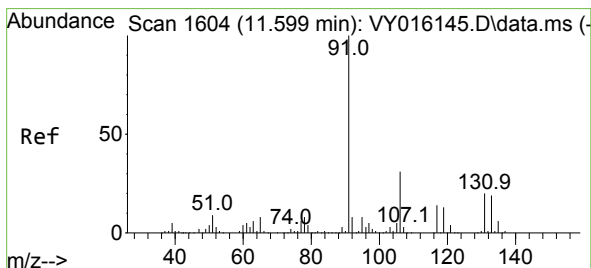
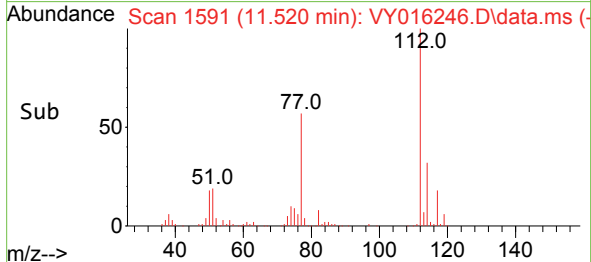
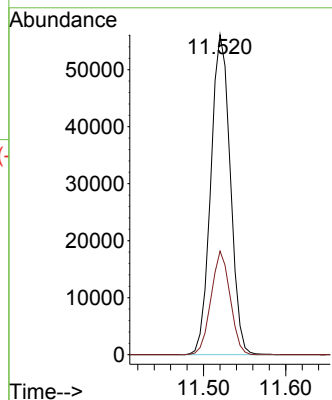
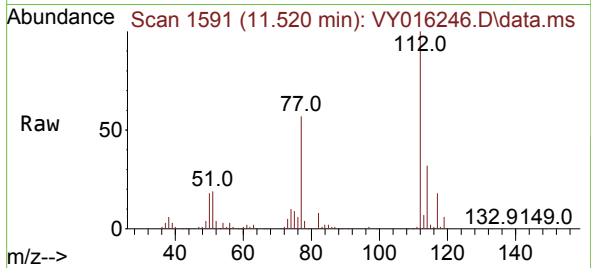




#65
Chlorobenzene
Concen: 20.178 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

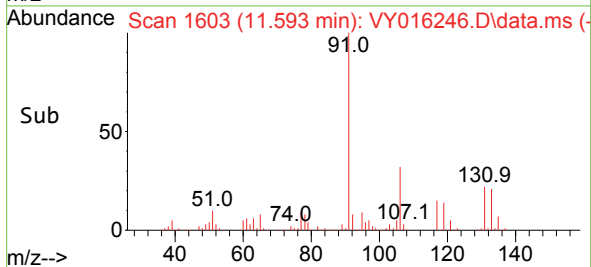
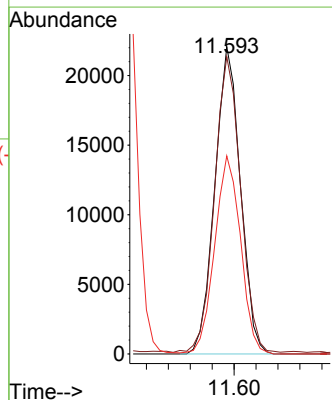
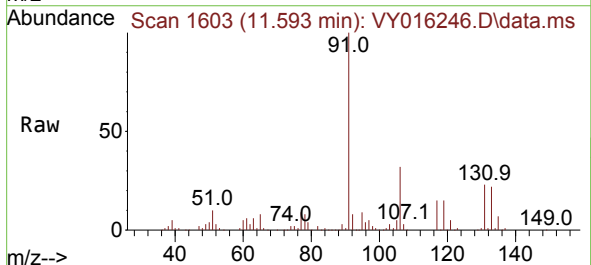
Instrument :
MSVOA_Y
ClientSampleId :

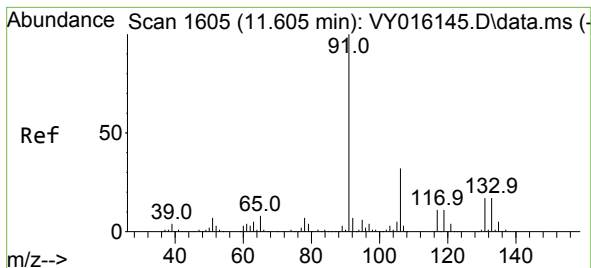
Tgt Ion:112 Resp: 92316
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.169 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion:131 Resp: 35873
Ion Ratio Lower Upper
131 100
133 97.5 47.5 142.6
119 65.2 31.6 94.7





#67

Ethyl Benzene

Concen: 20.142 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.006 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

Instrument :

MSVOA_Y

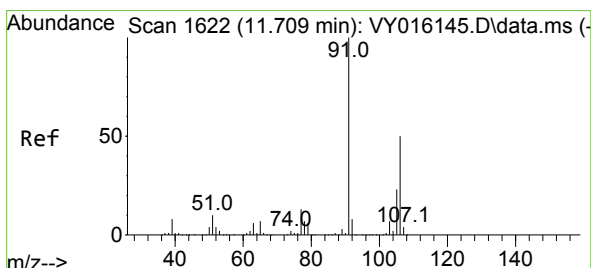
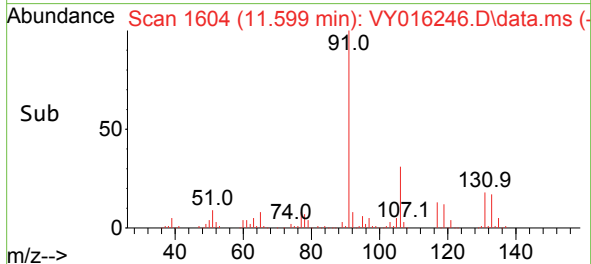
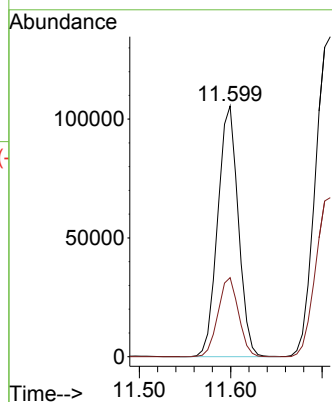
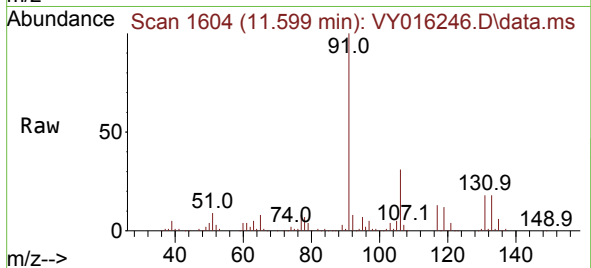
ClientSampleId :

Tgt Ion: 91 Resp: 164828

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8



#68

m/p-Xylenes

Concen: 39.735 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY016246.D

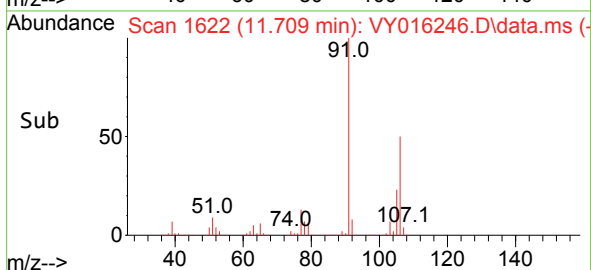
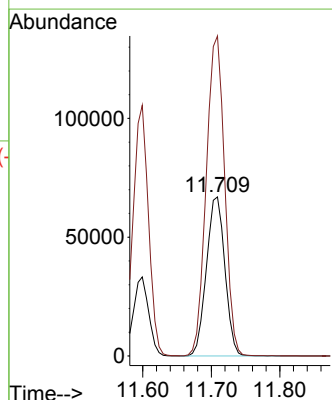
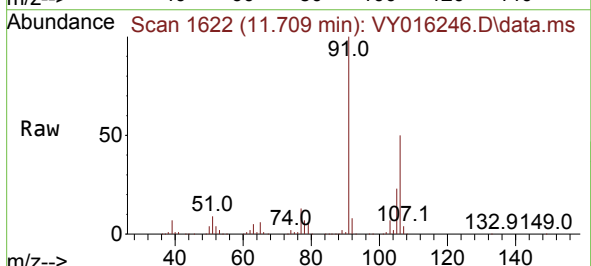
Acq: 07 Nov 2023 10:31

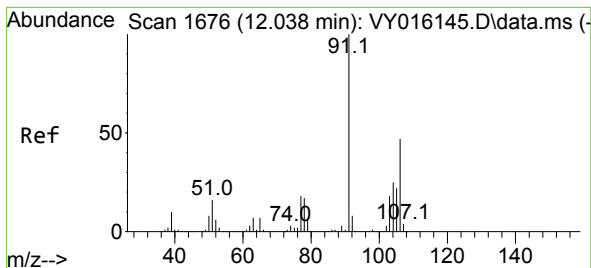
Tgt Ion:106 Resp: 125647

Ion Ratio Lower Upper

106 100

91 200.3 166.1 249.1





#69

o-Xylene

Concen: 20.208 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

Instrument :

MSVOA_Y

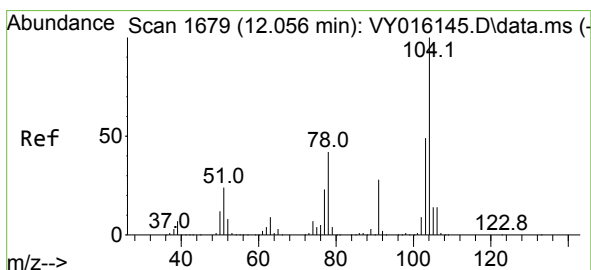
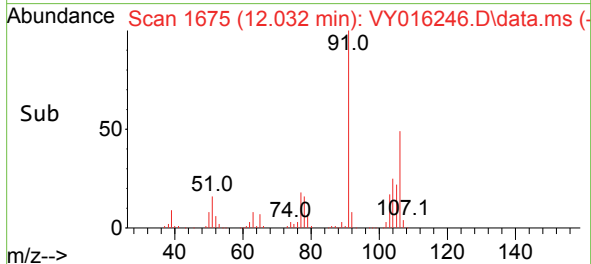
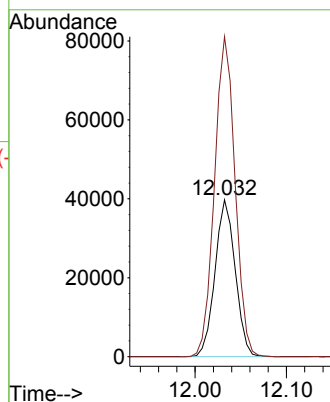
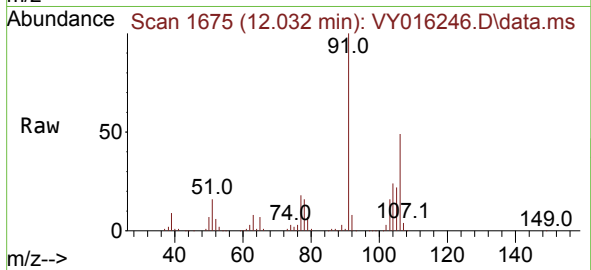
ClientSampleId :

Tgt Ion:106 Resp: 61012

Ion Ratio Lower Upper

106 100

91 207.6 108.1 324.3



#70

Styrene

Concen: 20.046 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

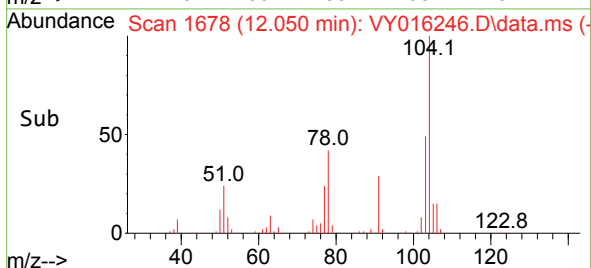
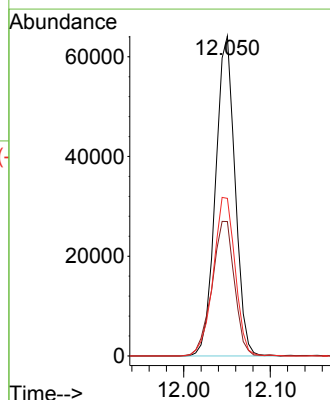
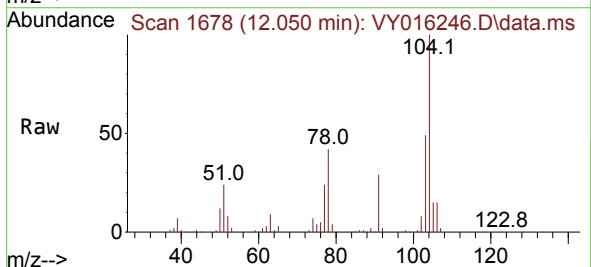
Tgt Ion:104 Resp: 100614

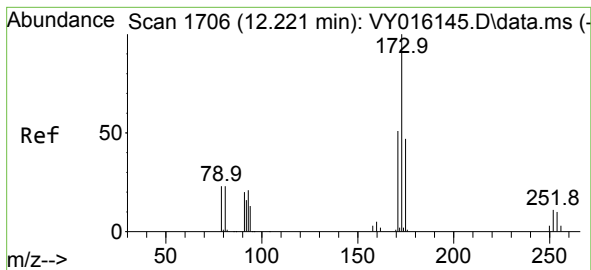
Ion Ratio Lower Upper

104 100

78 48.4 41.5 62.3

103 55.5 44.6 67.0





#71

Bromoform

Concen: 21.321 ug/l

RT: 12.215 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

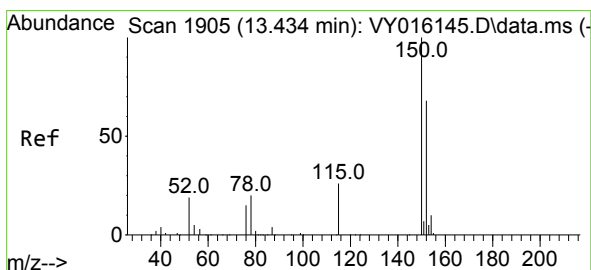
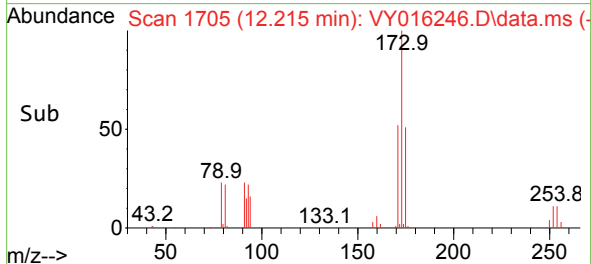
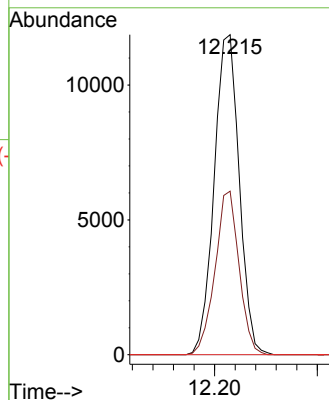
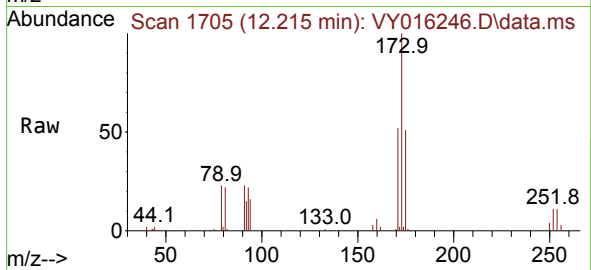
Tgt Ion:173 Resp: 20044

Ion Ratio Lower Upper

173 100

175 49.0 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

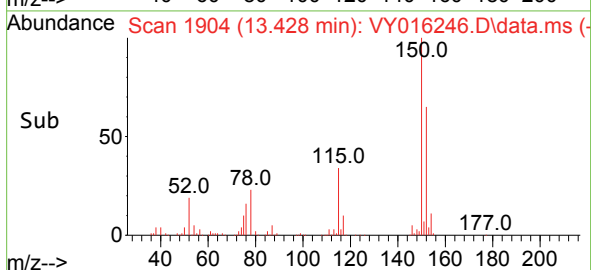
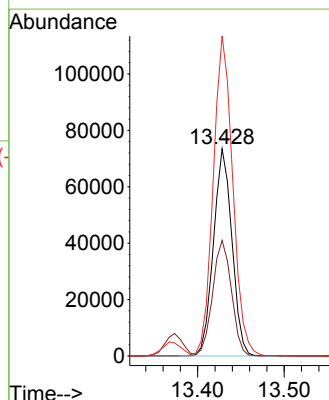
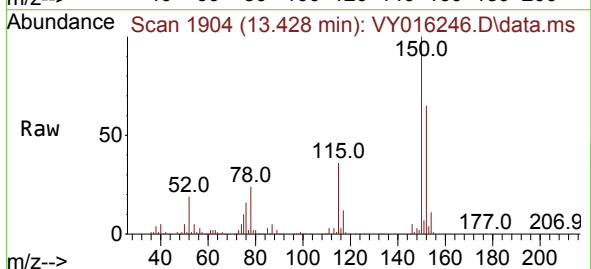
Tgt Ion:152 Resp: 109001

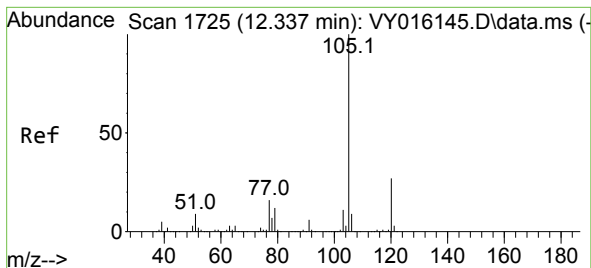
Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 163.3 0.0 348.8





#73

Isopropylbenzene

Concen: 20.317 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

Instrument :

MSVOA_Y

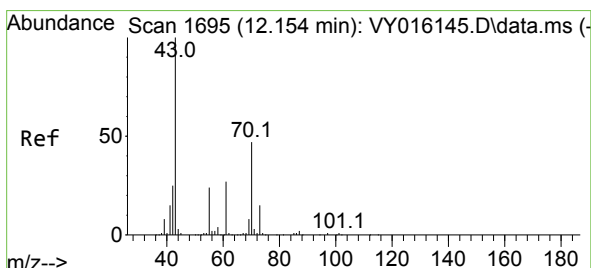
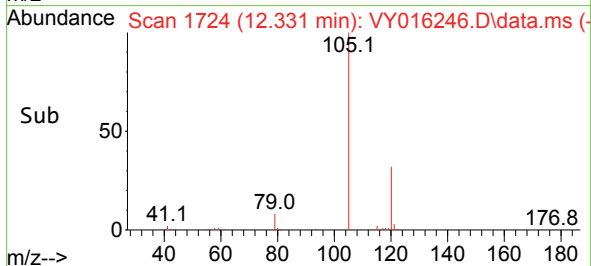
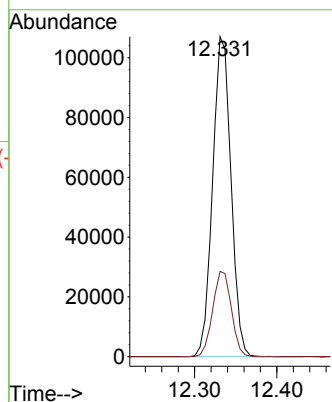
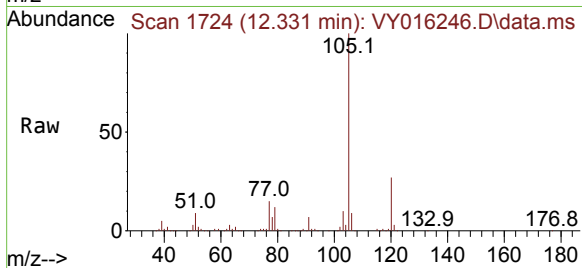
ClientSampleId :

Tgt Ion:105 Resp: 166123

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 20.938 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

Tgt Ion: 43 Resp: 37203

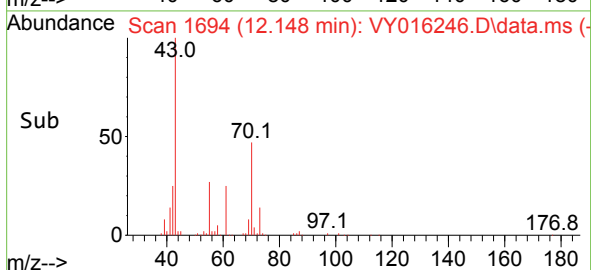
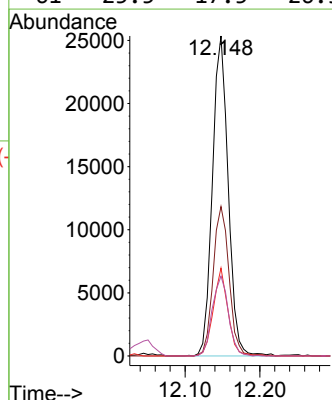
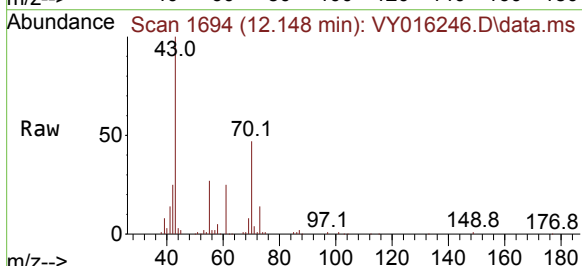
Ion Ratio Lower Upper

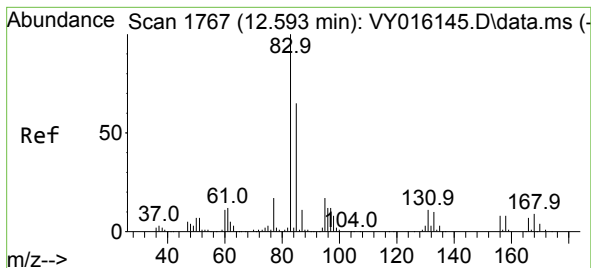
43 100

70 47.2 29.7 44.5#

55 25.6 18.3 27.5

61 25.5 17.5 26.3

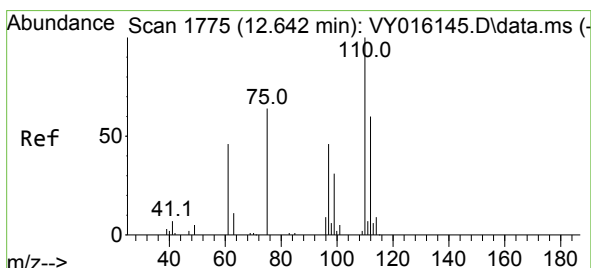
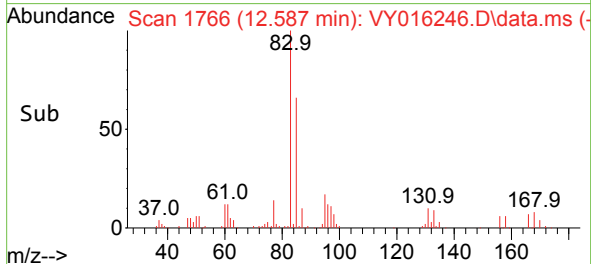
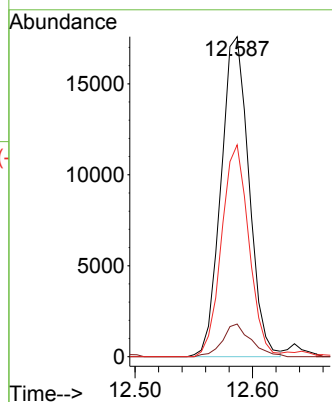
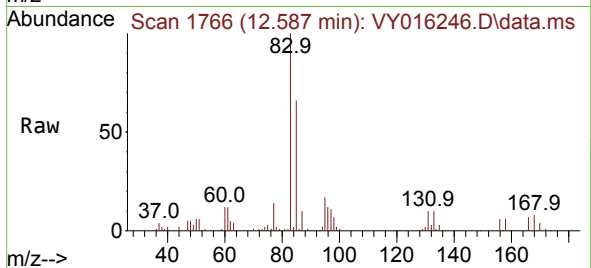




#75
1,1,2,2-Tetrachloroethane
Concen: 22.356 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

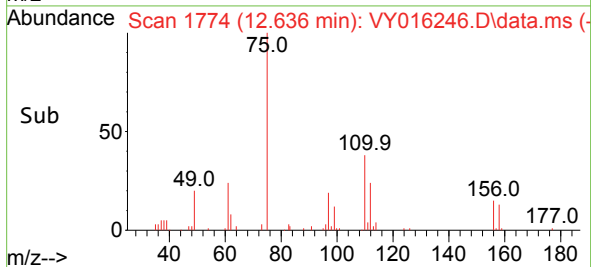
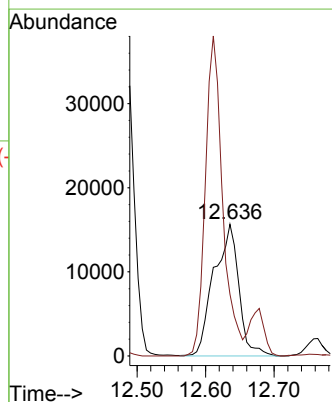
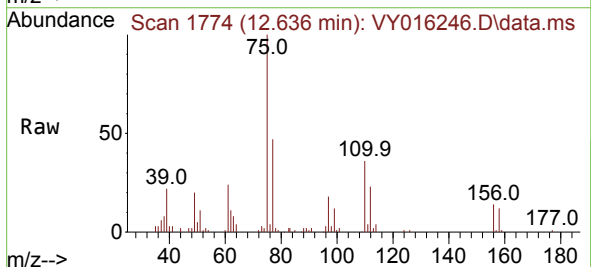
Instrument :
MSVOA_Y
ClientSampleId :

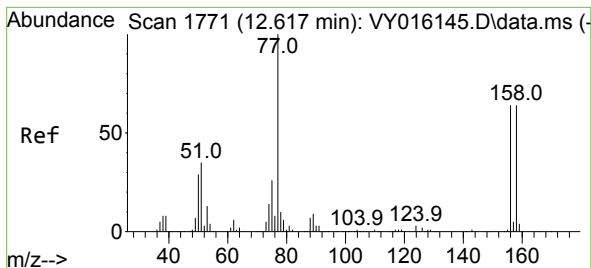
Tgt Ion:	83	Resp:	29087
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.4	16.2
85	64.7	31.8	95.4



#76
1,2,3-Trichloropropane
Concen: 38.424 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion:	75	Resp:	39441
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.566 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

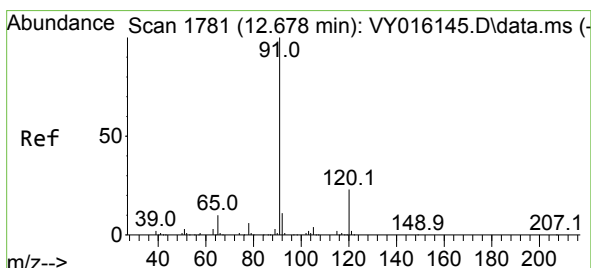
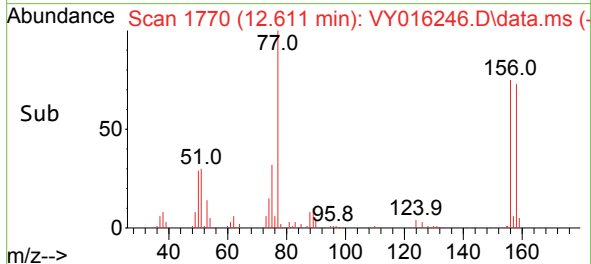
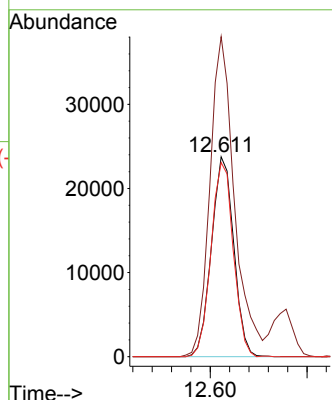
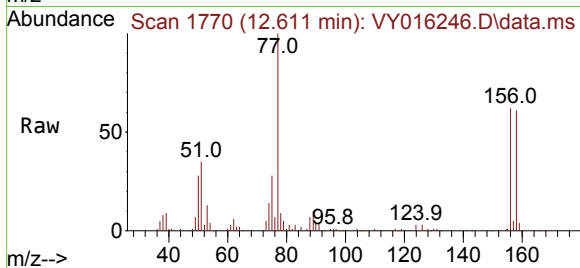
Tgt Ion:156 Resp: 38076

Ion Ratio Lower Upper

156 100

77 175.8 92.8 278.6

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 20.588 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.006 min

Lab File: VY016246.D

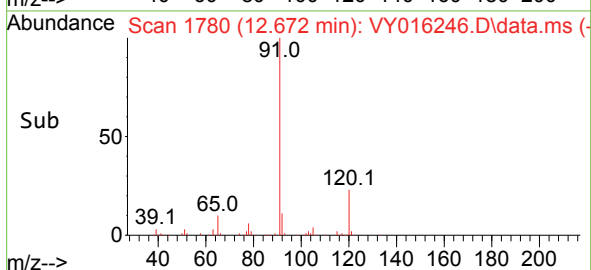
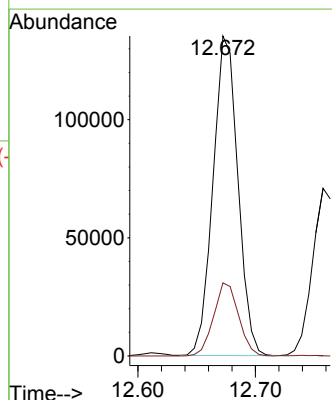
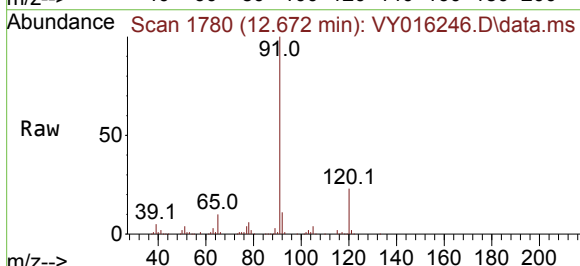
Acq: 07 Nov 2023 10:31

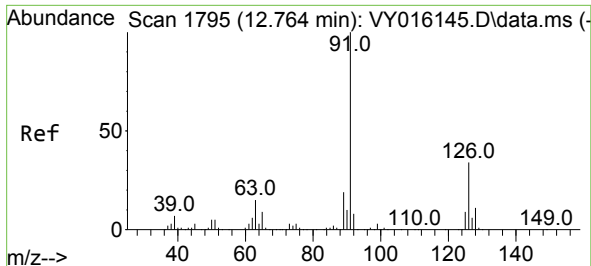
Tgt Ion: 91 Resp: 199023

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

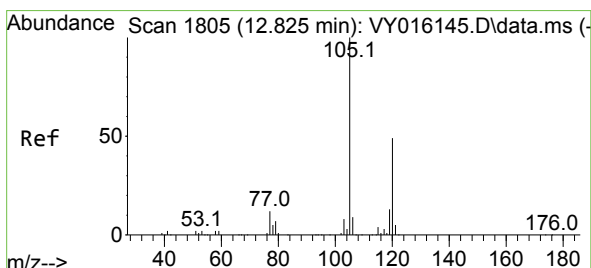
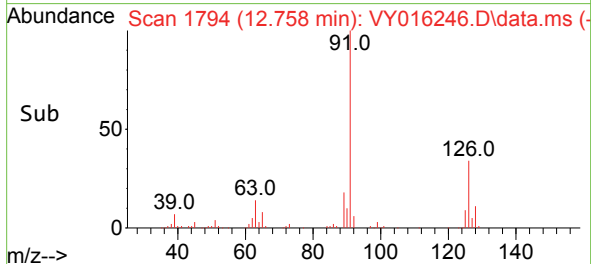
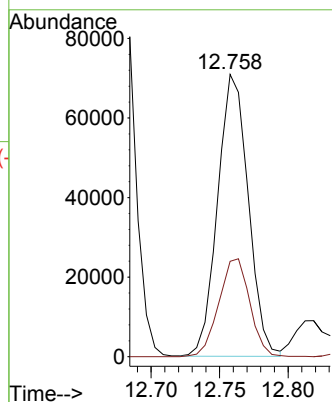
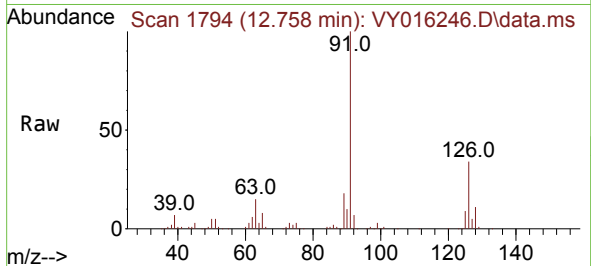




#79
2-Chlorotoluene
Concen: 20.479 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

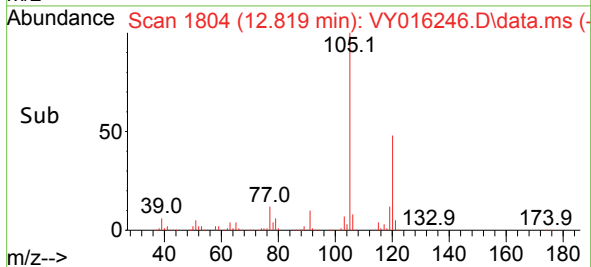
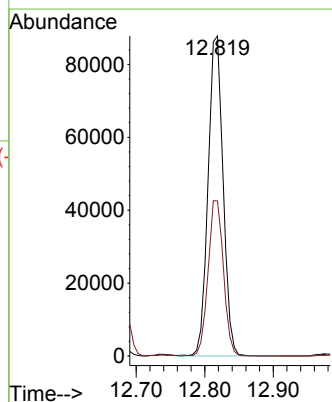
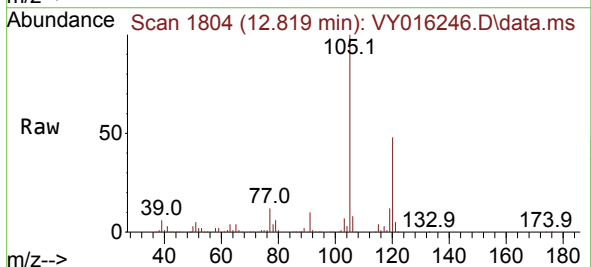
Instrument :
MSVOA_Y
ClientSampleId :

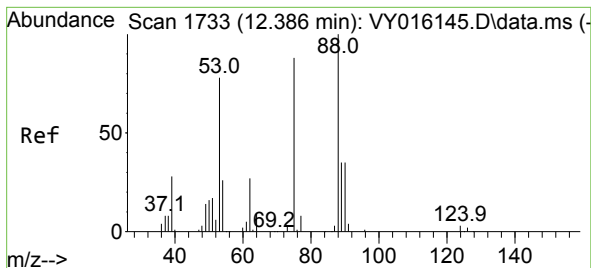
Tgt Ion: 91 Resp: 110412
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.248 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion:105 Resp: 134131
Ion Ratio Lower Upper
105 100
120 49.7 23.9 71.7

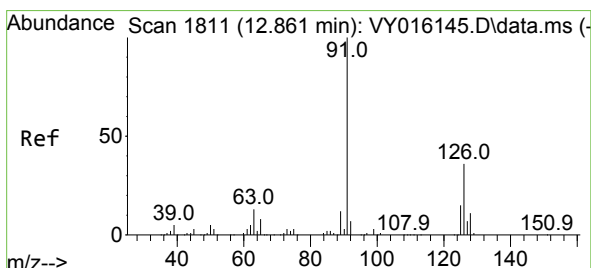
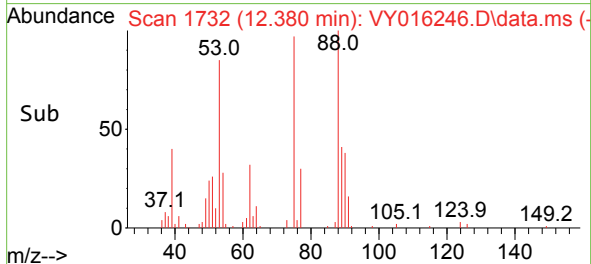
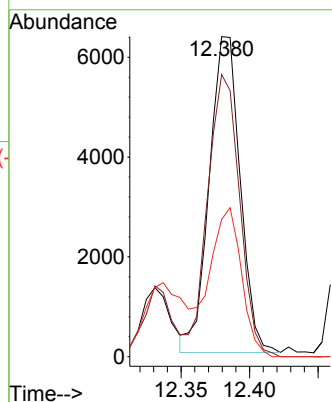
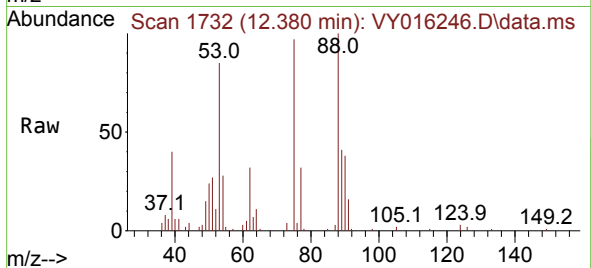




#81
 trans-1,4-Dichloro-2-butene
 Concen: 20.941 ug/l
 RT: 12.380 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY016246.D
 Acq: 07 Nov 2023 10:31

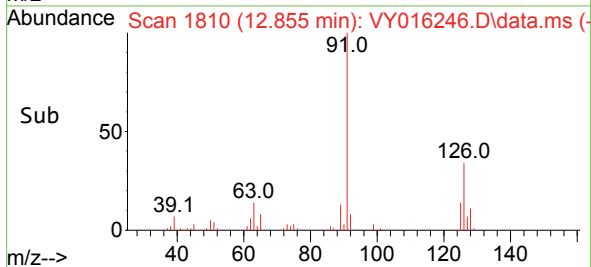
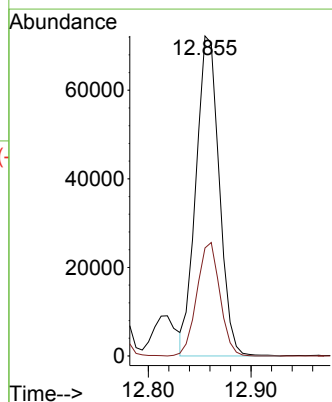
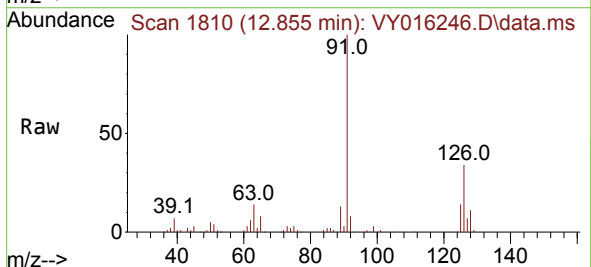
Instrument :
 MSVOA_Y
 ClientSampleId :

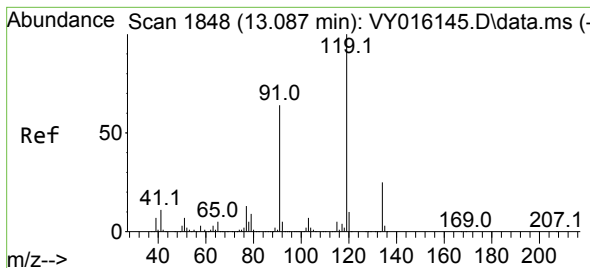
Tgt Ion: 75 Resp: 9914
 Ion Ratio Lower Upper
 75 100
 53 91.2 77.8 116.8
 89 50.0 37.4 56.0



#82
 4-Chlorotoluene
 Concen: 20.530 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. -0.006 min
 Lab File: VY016246.D
 Acq: 07 Nov 2023 10:31

Tgt Ion: 91 Resp: 113660
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.844 ug/l

RT: 13.081 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

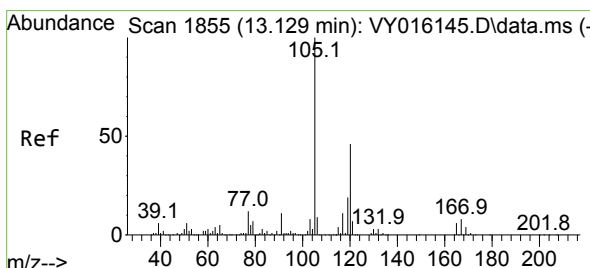
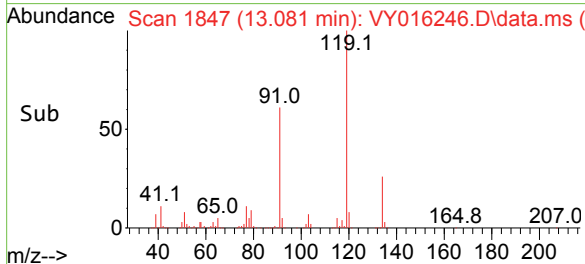
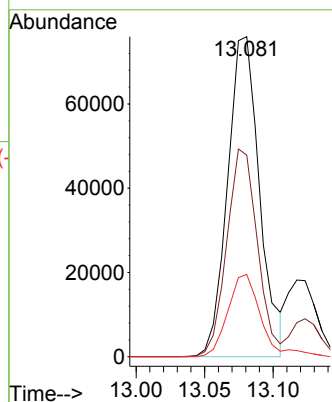
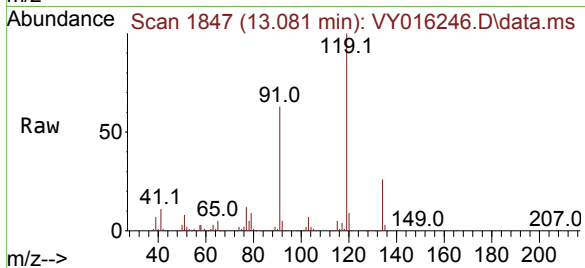
Tgt Ion:119 Resp: 123548

Ion Ratio Lower Upper

119 100

91 62.3 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.245 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY016246.D

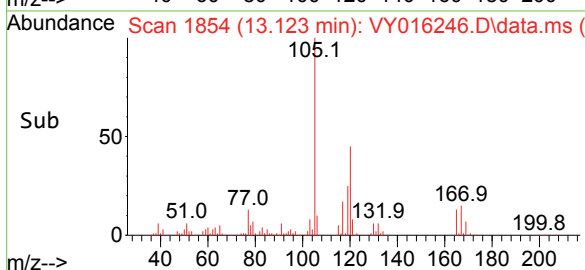
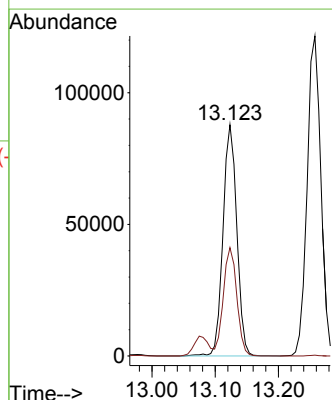
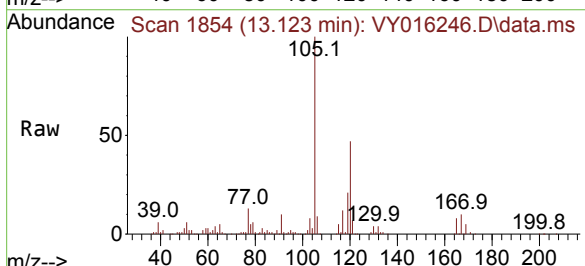
Acq: 07 Nov 2023 10:31

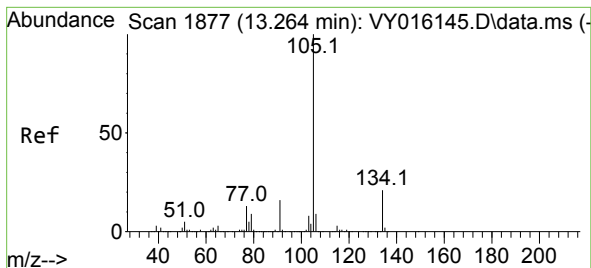
Tgt Ion:105 Resp: 132704

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.904 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

Instrument :

MSVOA_Y

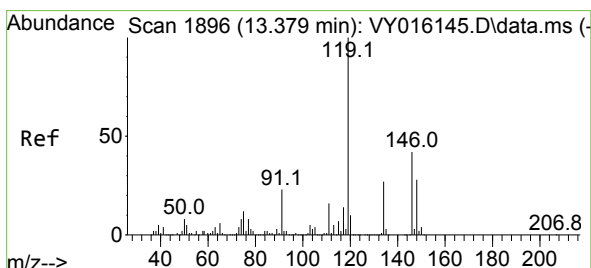
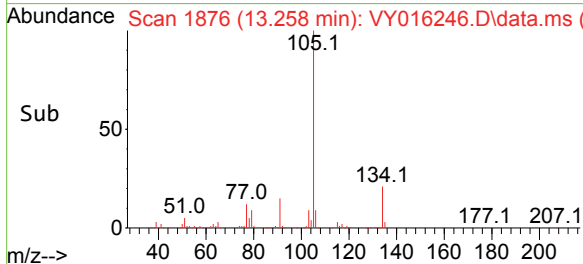
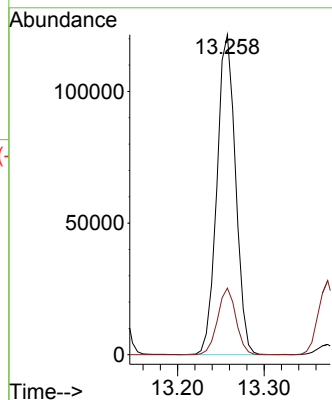
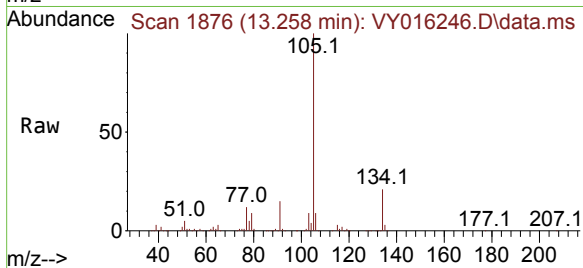
ClientSampleId :

Tgt Ion:105 Resp: 181850

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.329 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

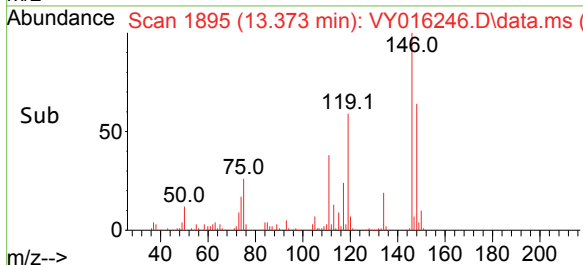
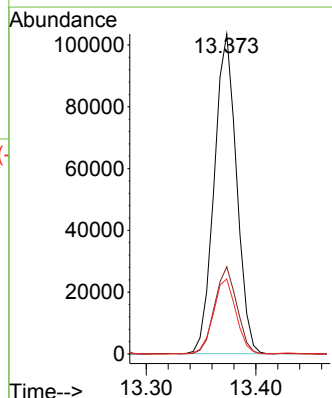
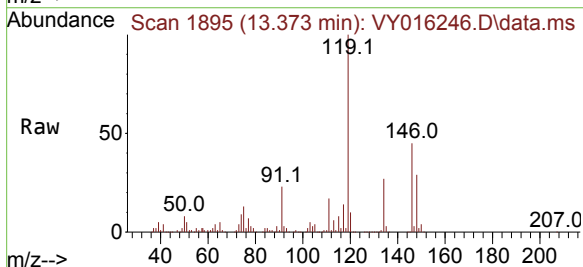
Tgt Ion:119 Resp: 146572

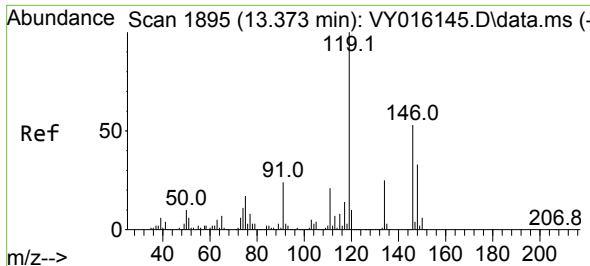
Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.8

91 23.9 12.4 37.4

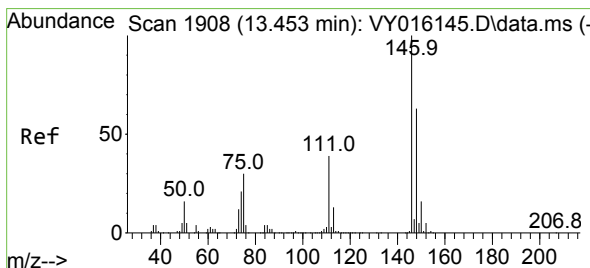
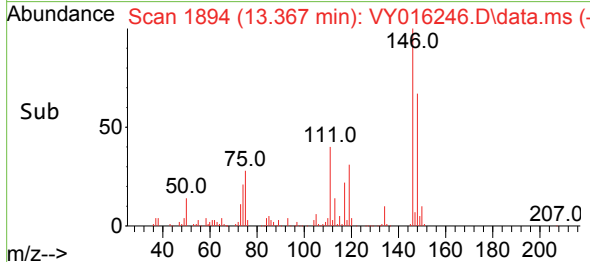
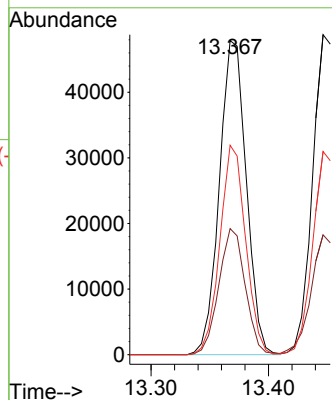
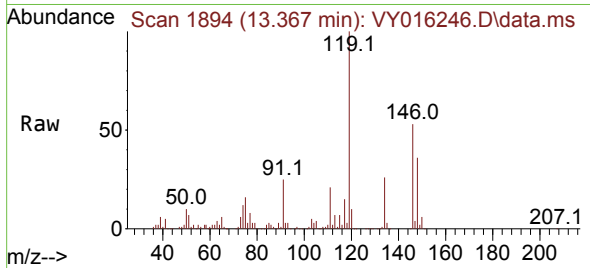




#87
1,3-Dichlorobenzene
Concen: 20.853 ug/l
RT: 13.367 min Scan# 1895
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

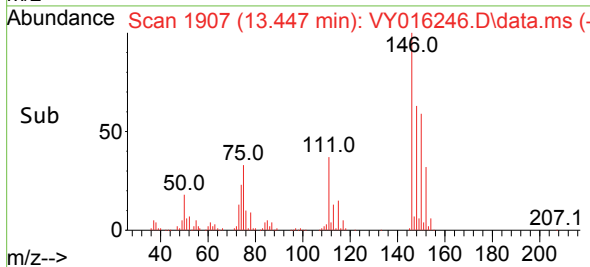
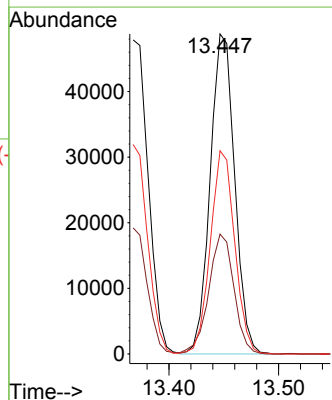
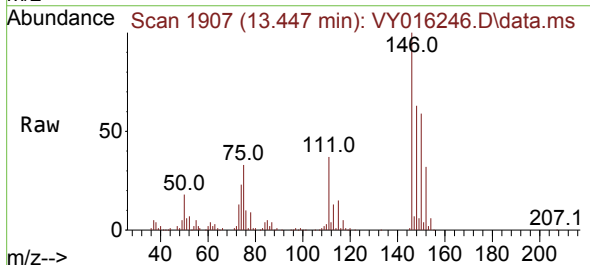
Instrument :
MSVOA_Y
ClientSampleId :

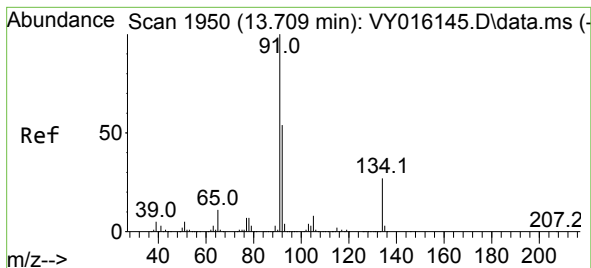
Tgt Ion:146 Resp: 76357
Ion Ratio Lower Upper
146 100
111 39.5 19.4 58.2
148 63.8 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.940 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion:146 Resp: 75781
Ion Ratio Lower Upper
146 100
111 38.5 18.9 56.7
148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 20.999 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.012 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

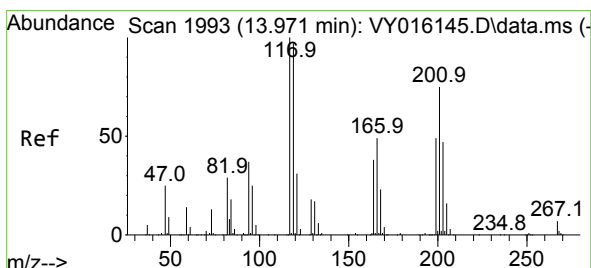
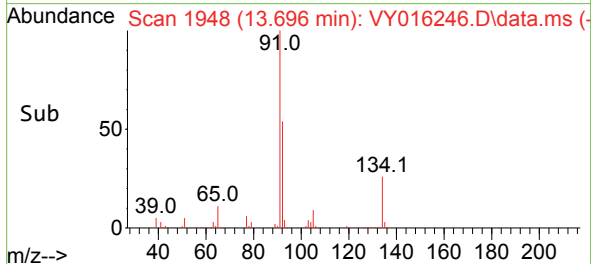
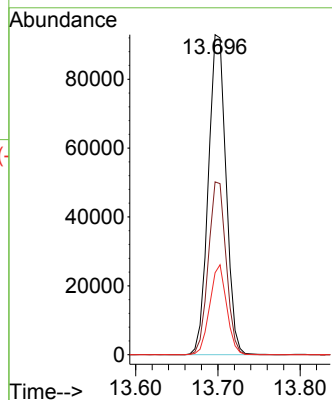
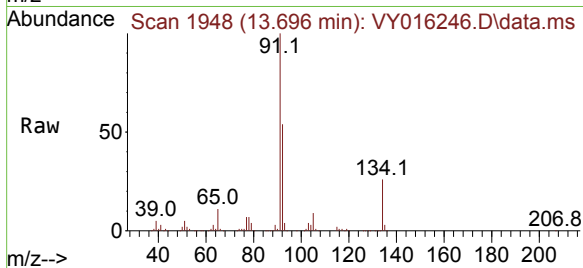
Tgt Ion: 91 Resp: 139116

Ion Ratio Lower Upper

91 100

92 54.0 25.4 76.0

134 26.8 12.6 37.6



#90

Hexachloroethane

Concen: 22.617 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY016246.D

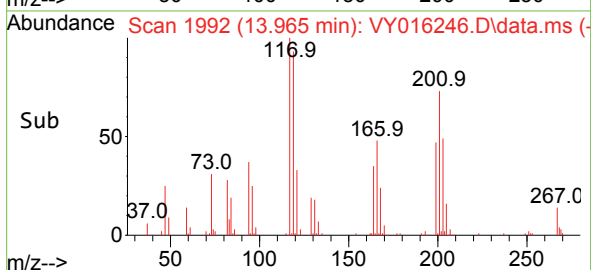
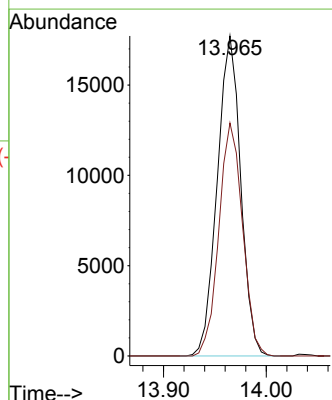
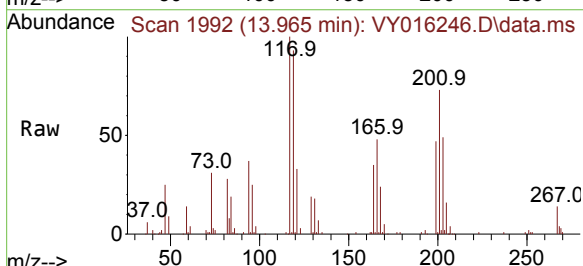
Acq: 07 Nov 2023 10:31

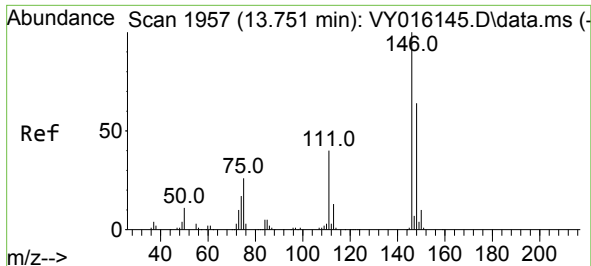
Tgt Ion: 117 Resp: 28101

Ion Ratio Lower Upper

117 100

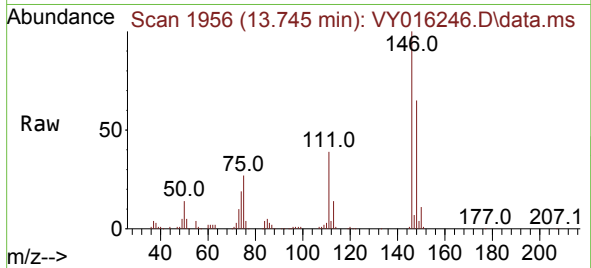
201 73.4 41.6 124.8



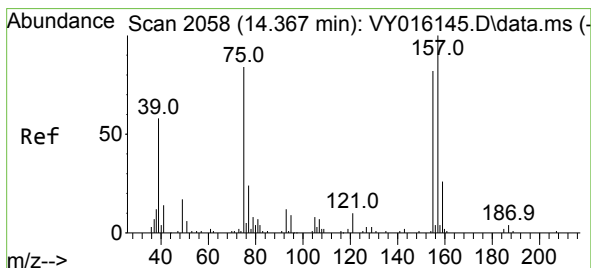
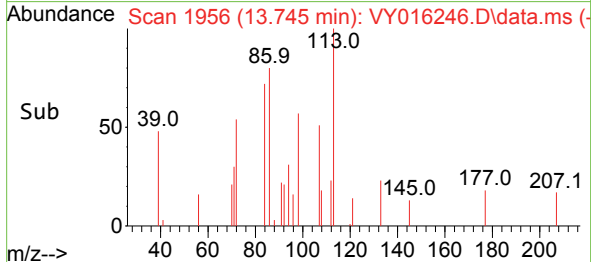
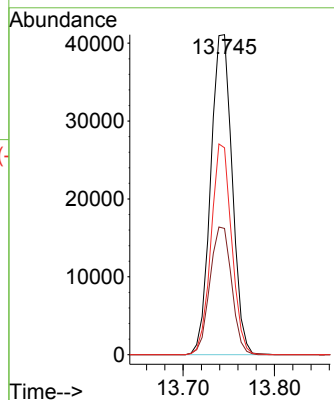


#91
1,2-Dichlorobenzene
Concen: 21.173 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :

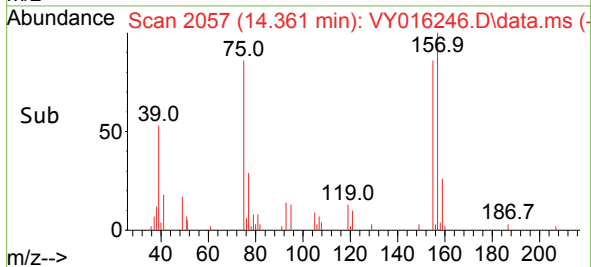
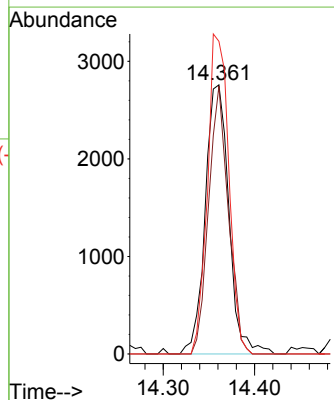
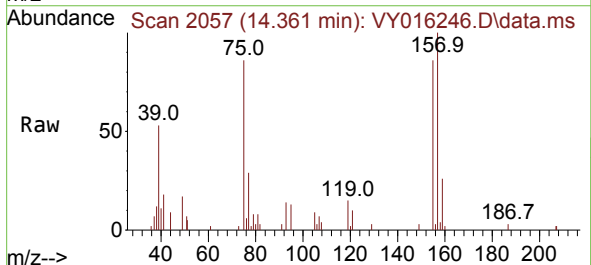


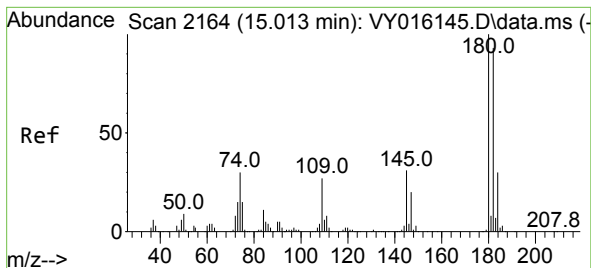
Tgt Ion:146 Resp: 66985
Ion Ratio Lower Upper
146 100
111 40.4 19.7 59.0
148 63.2 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.271 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016246.D
Acq: 07 Nov 2023 10:31

Tgt Ion: 75 Resp: 4953
Ion Ratio Lower Upper
75 100
155 83.3 41.5 124.6
157 107.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.798 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

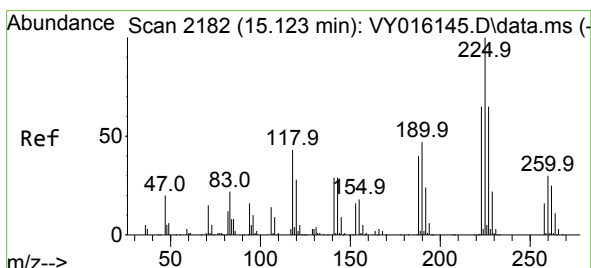
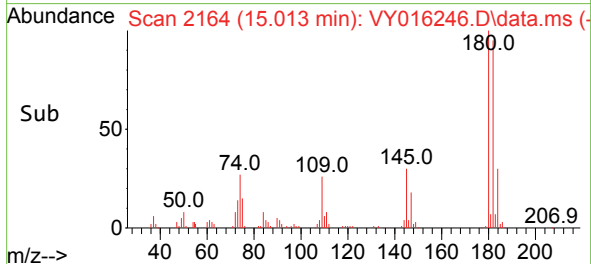
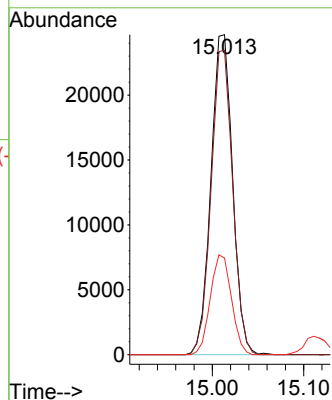
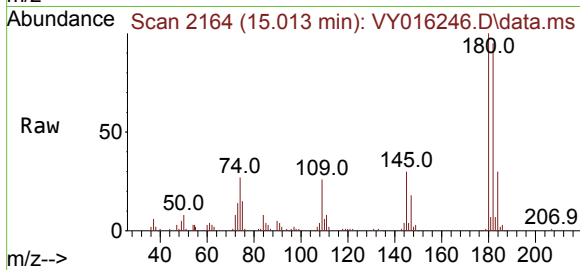
Tgt Ion:180 Resp: 40611

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.069 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.012 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

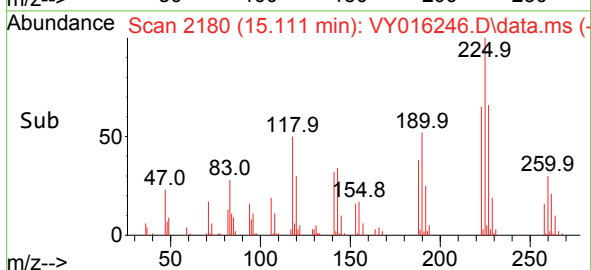
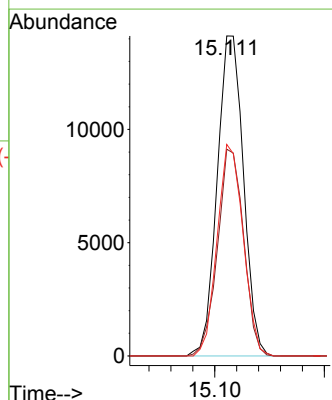
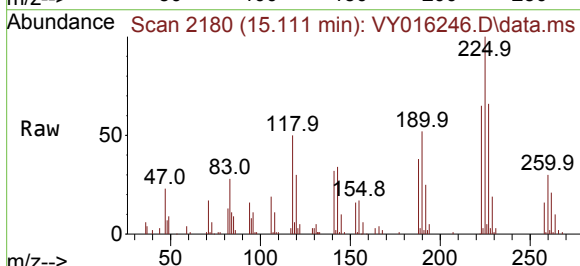
Tgt Ion:225 Resp: 23548

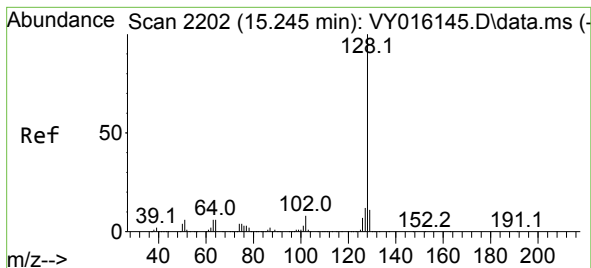
Ion Ratio Lower Upper

225 100

223 64.0 31.9 95.9

227 65.1 33.0 98.9





#95

Naphthalene

Concen: 19.892 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY016246.D

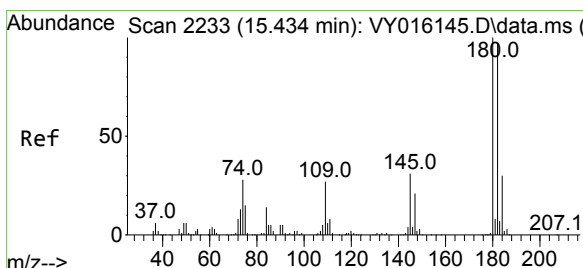
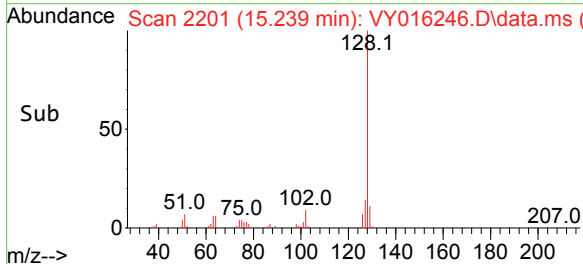
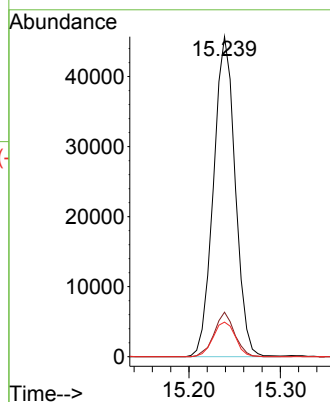
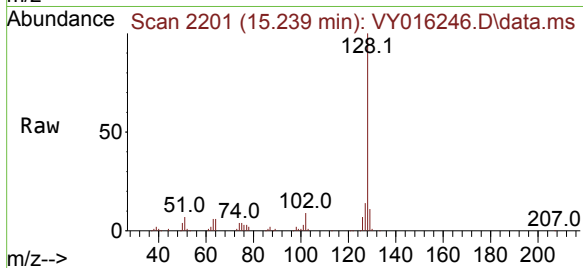
Acq: 07 Nov 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	75458
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.8 16.2
129	11.1	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.594 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY016246.D

Acq: 07 Nov 2023 10:31

Tgt Ion:180	Resp:	34352
Ion Ratio	Lower	Upper
180	100	
182	95.2	47.3 141.8
145	32.5	15.4 46.2

