

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016221.D
 Acq On : 03 Nov 2023 19:55
 Operator : SY/MD
 Sample : 04699-03 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 04 00:15:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 04 00:14:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	151530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	254849	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	223538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	105767	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	77324	54.534	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.060%	
35) Dibromofluoromethane	7.740	113	73513	48.385	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.760%	
50) Toluene-d8	10.197	98	294460	48.882	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.760%	
62) 4-Bromofluorobenzene	12.495	95	97804	47.481	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.960%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	1760	1.821	ug/l	94
3) Chloromethane	2.119	50	2735	2.044	ug/l	99
4) Vinyl Chloride	2.259	62	3299	2.388	ug/l	98
5) Bromomethane	2.668	94	2097	2.250	ug/l	92
6) Chloroethane	2.802	64	1834	1.886	ug/l	92
7) Trichlorofluoromethane	3.137	101	4451	2.134	ug/l	95
8) Diethyl Ether	3.552	74	1694	2.451	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.918	101	2598	1.978	ug/l #	83
10) Methyl Iodide	4.113	142	3005	2.057	ug/l	97
11) Tert butyl alcohol	4.978	59	2026	19.124	ug/l #	89
12) 1,1-Dichloroethene	3.893	96	2404	2.005	ug/l	83
13) Acrolein	3.759	56	819	7.709	ug/l	95
14) Allyl chloride	4.509	41	3773	2.200	ug/l	97
15) Acrylonitrile	5.186	53	3324	11.255	ug/l	98
16) Acetone	3.966	43	3784	14.445	ug/l	98
17) Carbon Disulfide	4.216	76	5118	1.710	ug/l	96
18) Methyl Acetate	4.503	43	3102	2.720	ug/l	92
19) Methyl tert-butyl Ether	5.240	73	7496	2.198	ug/l	94
20) Methylene Chloride	4.734	84	9846	6.098	ug/l #	81
21) trans-1,2-Dichloroethene	5.234	96	2876	2.059	ug/l #	79
22) Diisopropyl ether	6.143	45	8986	2.166	ug/l	95
23) Vinyl Acetate	6.082	43	20546	10.088	ug/l	96
24) 1,1-Dichloroethane	6.045	63	5449	2.195	ug/l	96
25) 2-Butanone	7.008	43	4277	10.933	ug/l	94
26) 2,2-Dichloropropane	6.996	77	4706	2.005	ug/l	96
27) cis-1,2-Dichloroethene	7.008	96	3598	2.189	ug/l	91
28) Bromochloromethane	7.362	49	2127	2.289	ug/l #	86
29) Tetrahydrofuran	7.368	42	2743	11.186	ug/l #	89
30) Chloroform	7.533	83	9018	3.336	ug/l	87
31) Cyclohexane	7.807	56	6464	2.966	ug/l #	51
32) 1,1,1-Trichloroethane	7.722	97	5057	2.040	ug/l	98
36) 1,1-Dichloropropene	7.941	75	4728	2.155	ug/l	93
37) Ethyl Acetate	7.094	43	2277	2.330	ug/l #	95
38) Carbon Tetrachloride	7.917	117	4364	2.008	ug/l	92
39) Methylcyclohexane	9.203	83	4514	1.724	ug/l #	88
40) Benzene	8.179	78	12903	2.049	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	903	1.592	ug/l	90
42) 1,2-Dichloroethane	8.258	62	4316	2.455	ug/l	94
43) Isopropyl Acetate	8.289	43	3975	2.057	ug/l #	90
44) Trichloroethene	8.959	130	3484	1.890	ug/l	97
45) 1,2-Dichloropropane	9.234	63	3187	2.103	ug/l #	86
46) Dibromomethane	9.325	93	1852	2.155	ug/l	95
47) Bromodichloromethane	9.514	83	5861	2.684	ug/l	89
48) Methyl methacrylate	9.313	41	1849	2.104	ug/l	93
49) 1,4-Dioxane	9.307	88	338	27.059	ug/l #	65
51) 4-Methyl-2-Pentanone	10.081	43	10722	11.117	ug/l	96
52) Toluene	10.258	92	9348	2.290	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	4534	2.080	ug/l	100
54) cis-1,3-Dichloropropene	9.947	75	5125	2.003	ug/l	94
55) 1,1,2-Trichloroethane	10.660	97	2773	2.294	ug/l	93
56) Ethyl methacrylate	10.526	69	3002	1.912	ug/l #	84
57) 1,3-Dichloropropane	10.807	76	4515	2.194	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.801	63	8607	11.304	ug/l	91
59) 2-Hexanone	10.849	43	6705	10.145	ug/l	88
60) Dibromochloromethane	11.002	129	3236	2.133	ug/l	95
61) 1,2-Dibromoethane	11.105	107	2357	2.050	ug/l	97
64) Tetrachloroethene	10.733	164	3731	1.876	ug/l	97
65) Chlorobenzene	11.532	112	9011	2.029	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.605	131	3319	2.018	ug/l	89
67) Ethyl Benzene	11.605	91	15627	1.967	ug/l	98
68) m/p-Xylenes	11.715	106	12204	3.976	ug/l	92
69) o-Xylene	12.044	106	5552	1.894	ug/l	93
70) Styrene	12.056	104	8629	1.771	ug/l	97
71) Bromoform	12.221	173	1844	2.021	ug/l #	95
73) Isopropylbenzene	12.343	105	14517	1.830	ug/l	99
74) N-amyl acetate	12.154	43	3018	1.750	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.593	83	2639	2.090	ug/l	95
76) 1,2,3-Trichloropropane	12.642	75	3510	3.524	ug/l #	100
77) Bromobenzene	12.623	156	3718	2.070	ug/l	97
78) n-propylbenzene	12.684	91	17801	1.898	ug/l	97
79) 2-Chlorotoluene	12.770	91	10264	1.962	ug/l	97
80) 1,3,5-Trimethylbenzene	12.825	105	12047	1.874	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.495	75	50657	110.275	ug/l #	11
82) 4-Chlorotoluene	12.867	91	10583	1.970	ug/l	98
83) tert-Butylbenzene	13.087	119	10949	1.904	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	12064	1.897	ug/l	99
85) sec-Butylbenzene	13.263	105	15179	1.798	ug/l	98
86) p-Isopropyltoluene	13.379	119	12475	1.783	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	7351	2.069	ug/l	98
88) 1,4-Dichlorobenzene	13.459	146	7464	2.126	ug/l	85
89) n-Butylbenzene	13.709	91	11630	1.809	ug/l	99
90) Hexachloroethane	13.971	117	2448	2.030	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	6680	2.176	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.373	75	662	2.930	ug/l	75
93) 1,2,4-Trichlorobenzene	15.019	180	3877	2.046	ug/l	99
94) Hexachlorobutadiene	15.123	225	2285	2.207	ug/l	95
95) Naphthalene	15.245	128	7598	2.064	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	3407	2.105	ug/l	96

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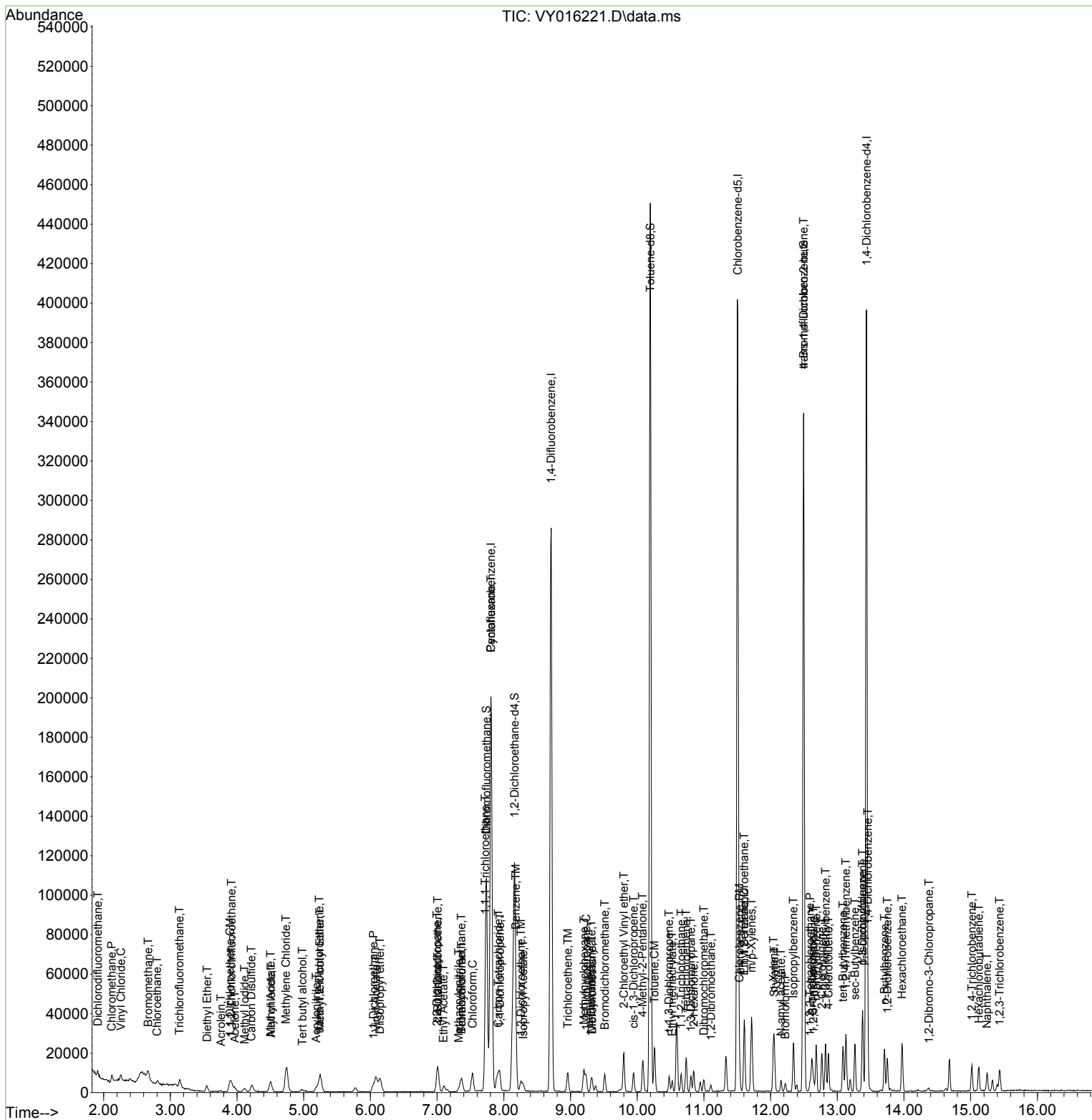
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MSVOA_Y
ClientSampleId :

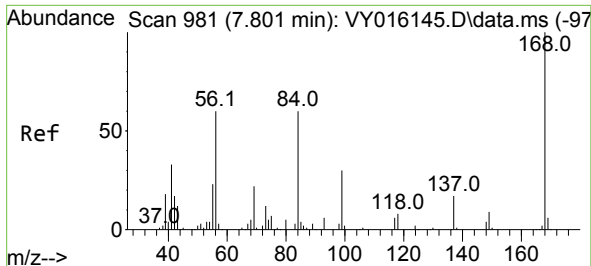
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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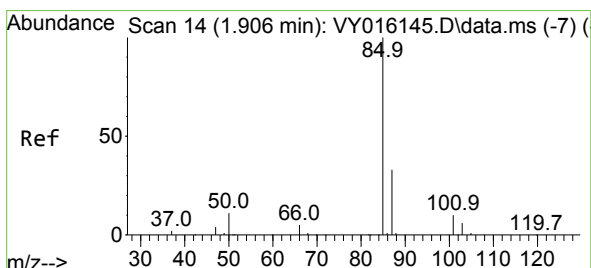
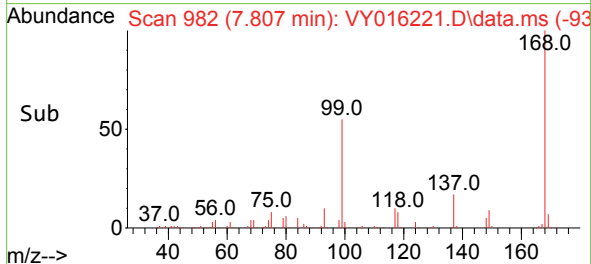
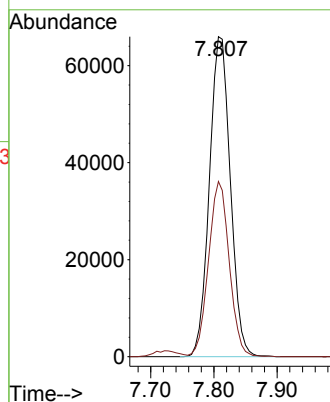
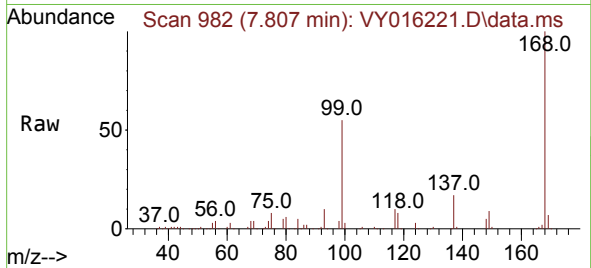




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016221.D
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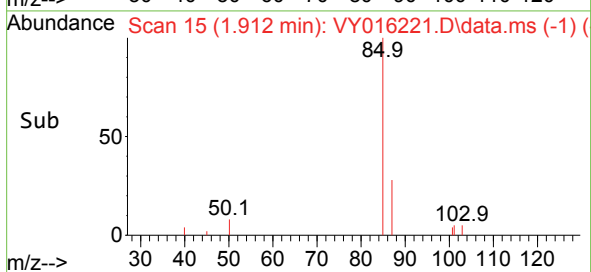
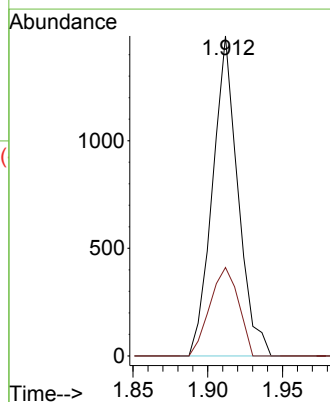
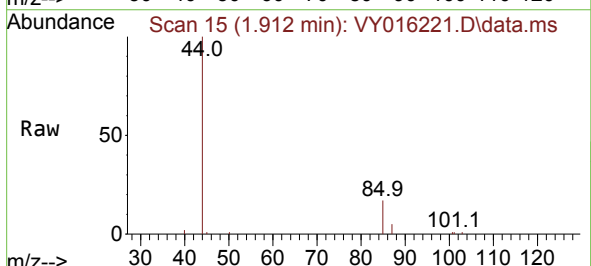
Instrument :
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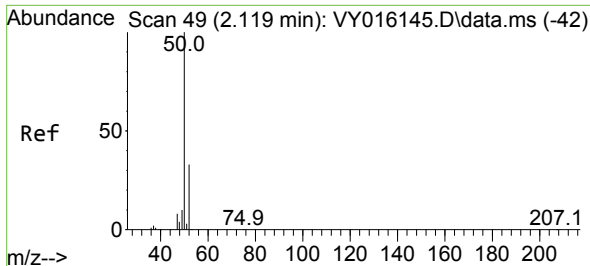
Tgt Ion:168 Resp: 151530
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 1.821 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Tgt Ion: 85 Resp: 1760
Ion Ratio Lower Upper
85 100
87 27.6 15.6 46.8

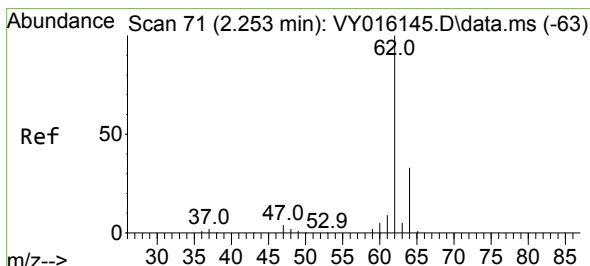
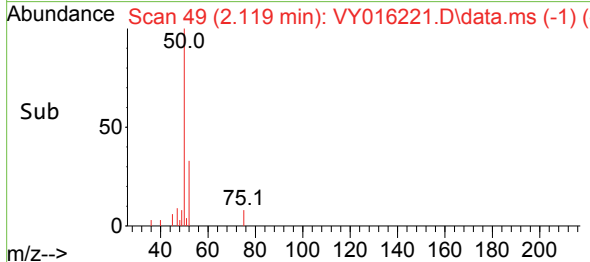
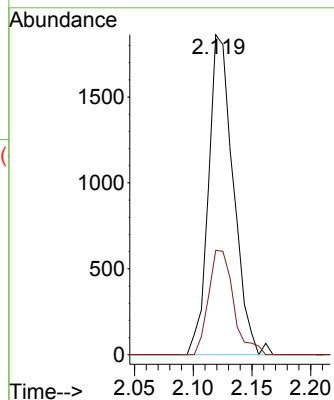
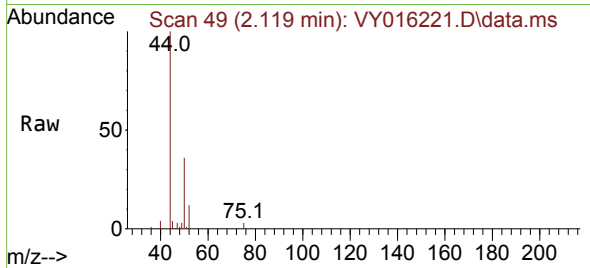




#3
Chloromethane
Concen: 2.044 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

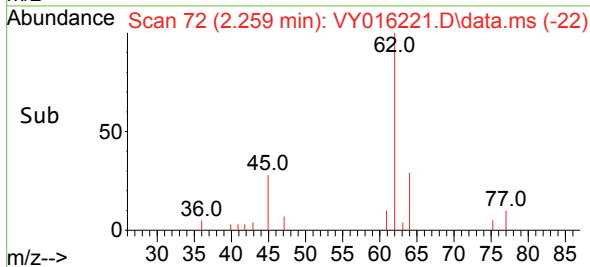
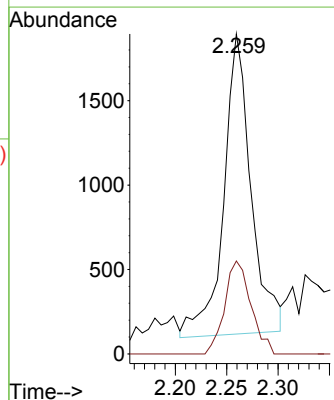
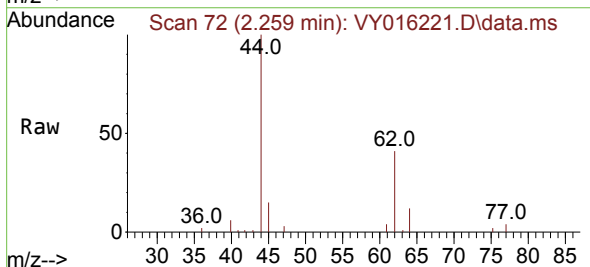
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ClientSampleId :

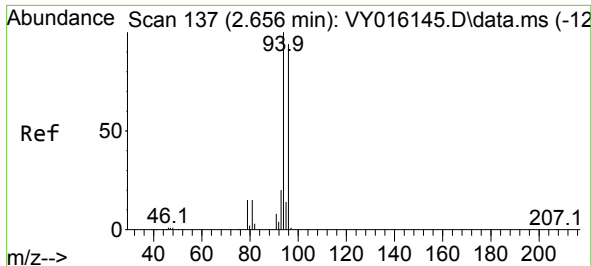
Tgt Ion: 50 Resp: 2735
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2



#4
Vinyl Chloride
Concen: 2.388 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Tgt Ion: 62 Resp: 3299
Ion Ratio Lower Upper
62 100
64 31.2 24.3 36.5

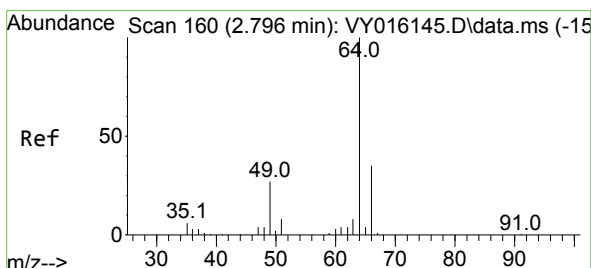
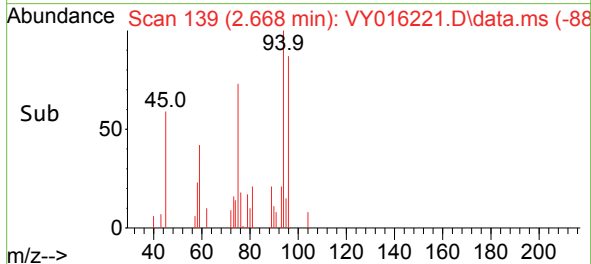
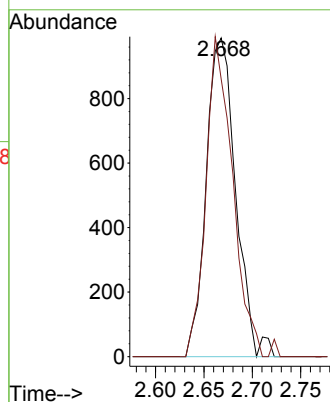
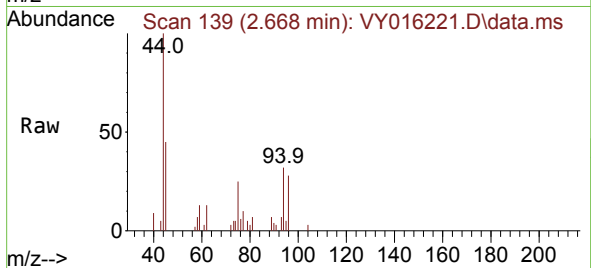




#5
Bromomethane
Concen: 2.250 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

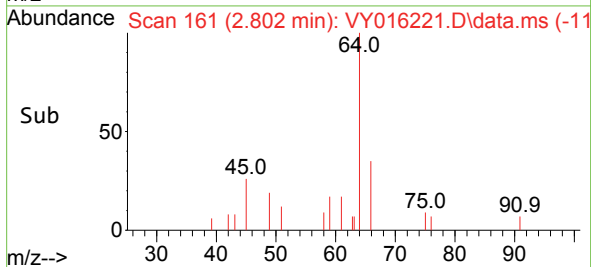
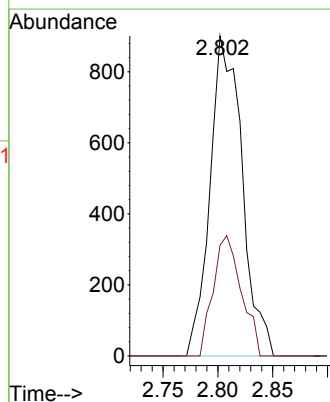
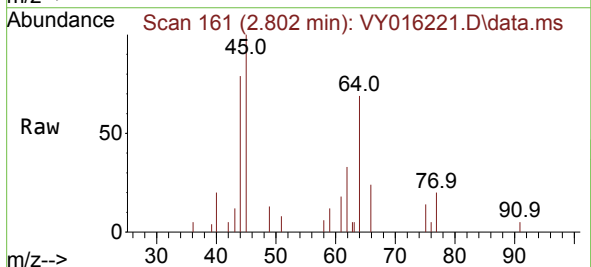
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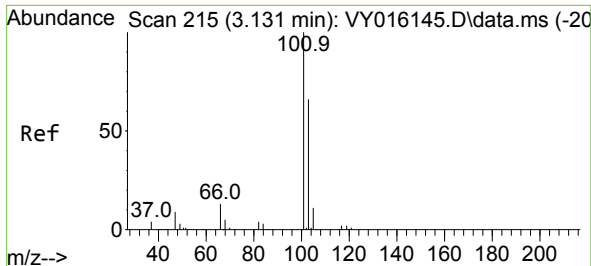
Tgt Ion: 94 Resp: 2097
Ion Ratio Lower Upper
94 100
96 87.1 75.8 113.6



#6
Chloroethane
Concen: 1.886 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Tgt Ion: 64 Resp: 1834
Ion Ratio Lower Upper
64 100
66 34.6 24.4 36.6

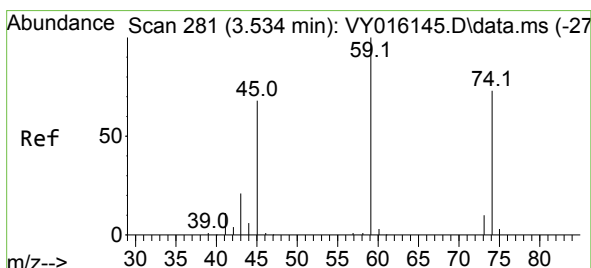
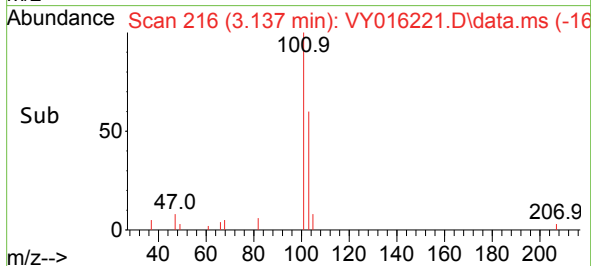
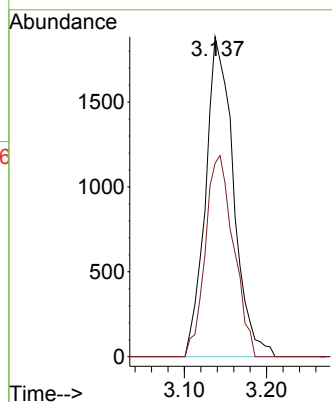
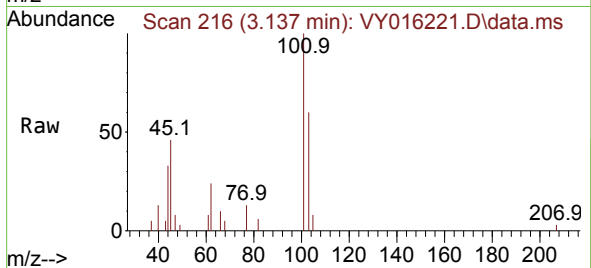




#7
Trichlorofluoromethane
Concen: 2.134 ug/l
RT: 3.137 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY016221.D
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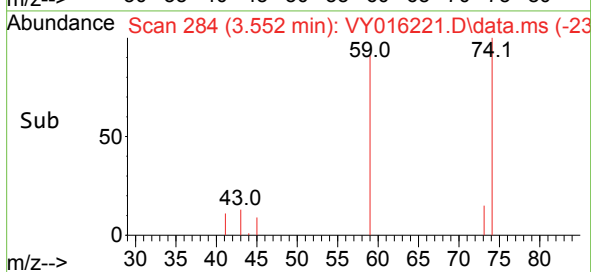
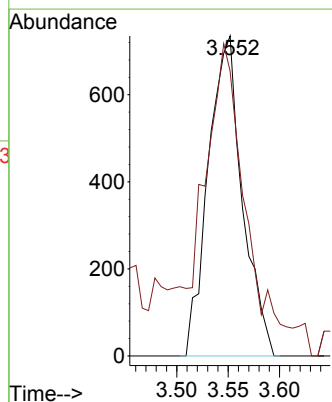
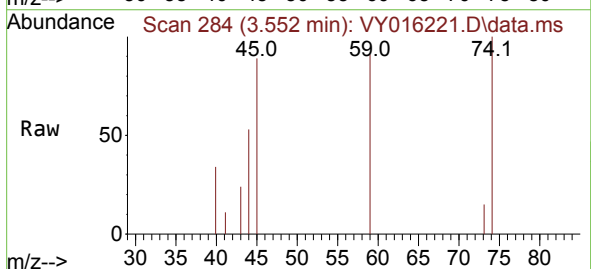
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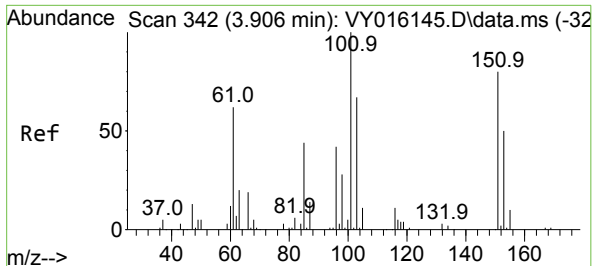
Tgt Ion:101 Resp: 4451
Ion Ratio Lower Upper
101 100
103 60.4 51.4 77.0



#8
Diethyl Ether
Concen: 2.451 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.018 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Tgt Ion: 74 Resp: 1694
Ion Ratio Lower Upper
74 100
45 118.4 51.5 154.5

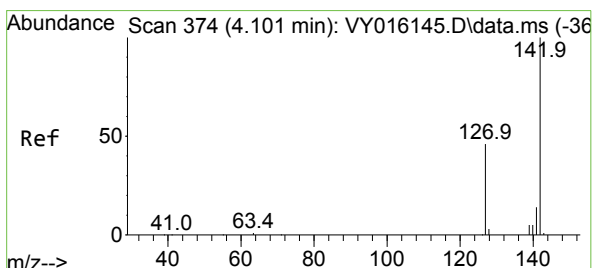
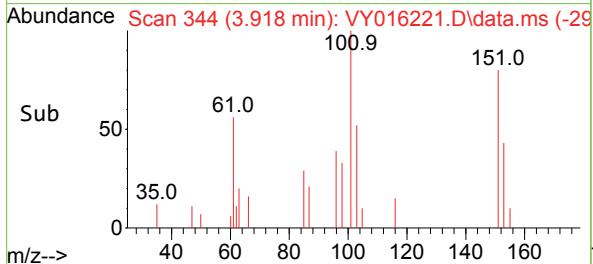
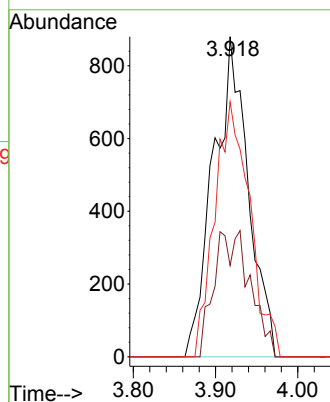
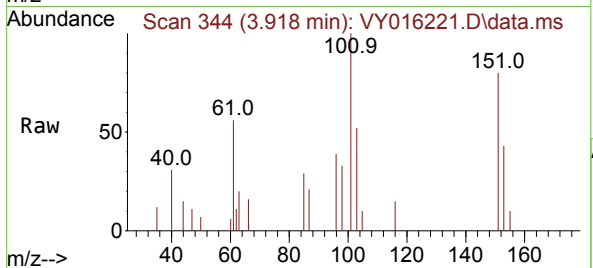




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.978 ug/l
RT: 3.918 min Scan# 342
Delta R.T. 0.012 min
Lab File: VY016221.D
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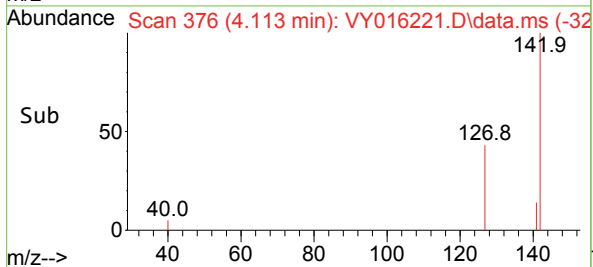
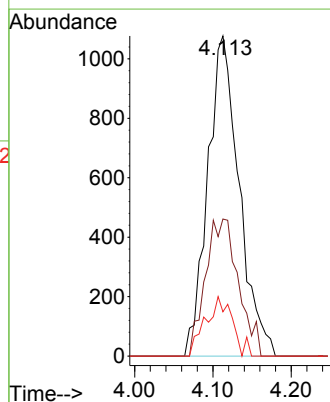
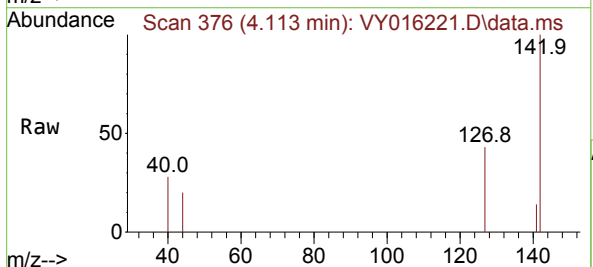
Instrument :
MSVOA_Y
ClientSampleId :

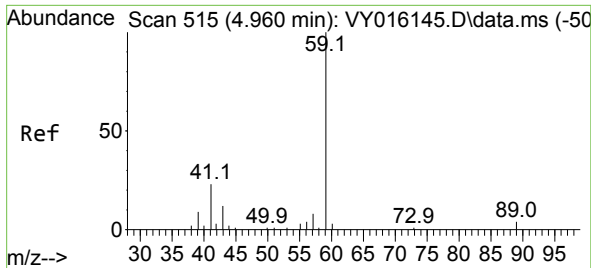
Tgt Ion:101 Resp: 2598
Ion Ratio Lower Upper
101 100
85 19.7 36.6 55.0#
151 80.1 67.0 100.6



#10
Methyl Iodide
Concen: 2.057 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Tgt Ion:142 Resp: 3005
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 15.8 11.8 17.8

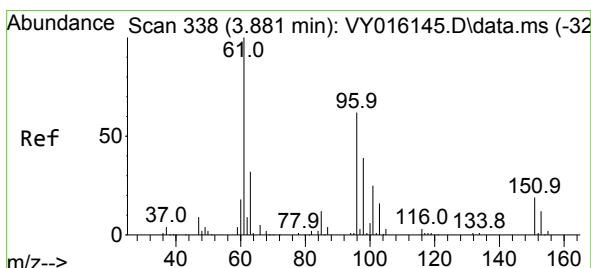
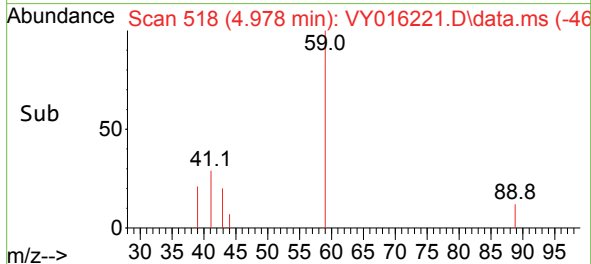
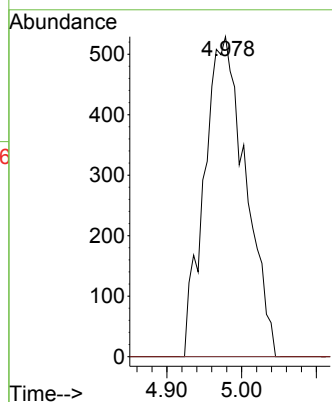
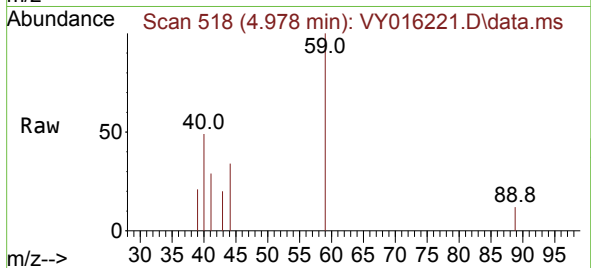




#11
Tert butyl alcohol
Concen: 19.124 ug/l
RT: 4.978 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

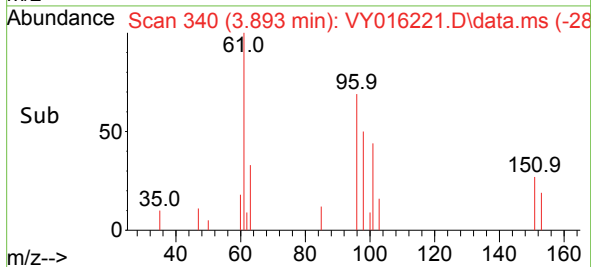
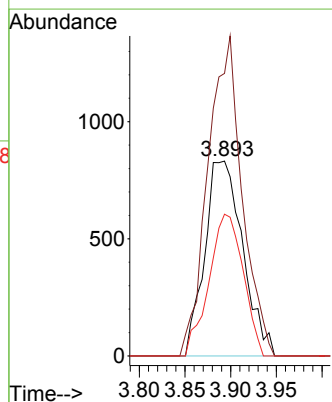
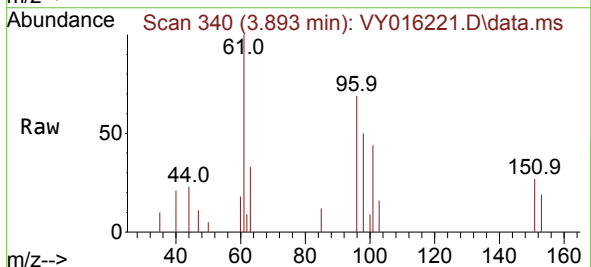
Instrument :
MSVOA_Y
ClientSampleId :

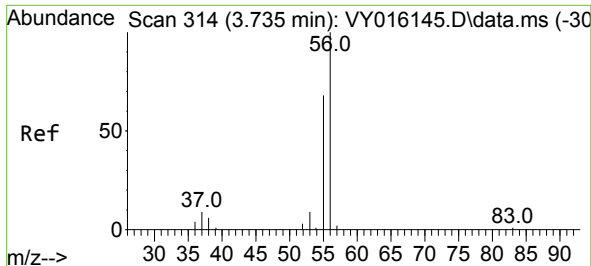
Tgt Ion: 59 Resp: 2026
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 2.005 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Tgt Ion: 96 Resp: 2404
Ion Ratio Lower Upper
96 100
61 145.0 136.4 204.6
98 72.7 49.4 74.2





#13

Acrolein

Concen: 7.709 ug/l

RT: 3.759 min Scan# 314

Delta R.T. 0.024 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

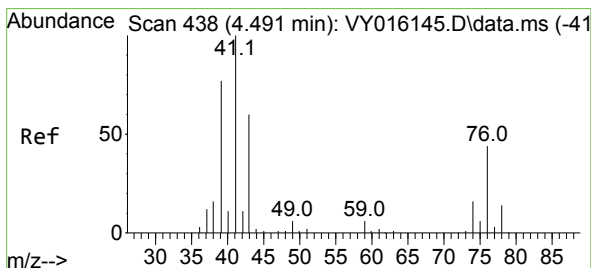
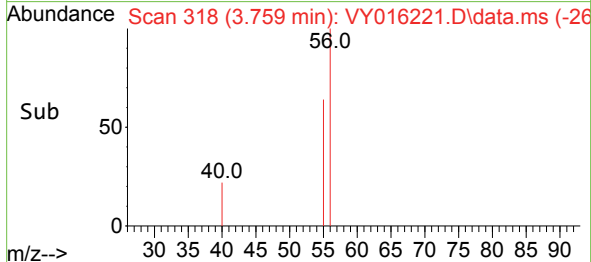
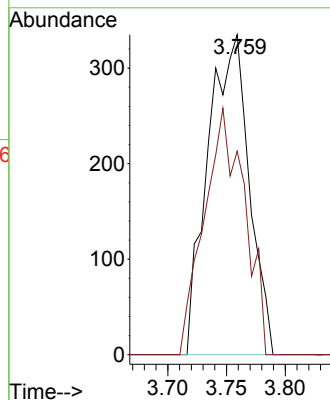
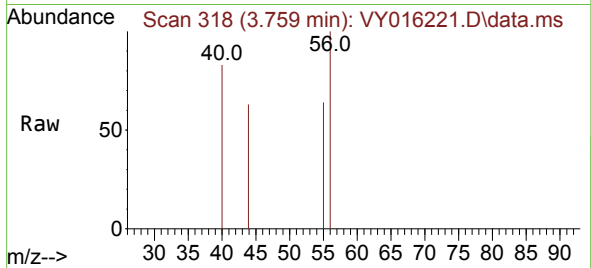
ClientSampleId :

Tgt Ion: 56 Resp: 819

Ion Ratio Lower Upper

56 100

55 75.2 57.0 85.4



#14

Allyl chloride

Concen: 2.200 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.018 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

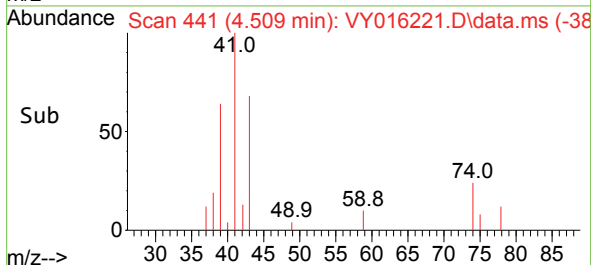
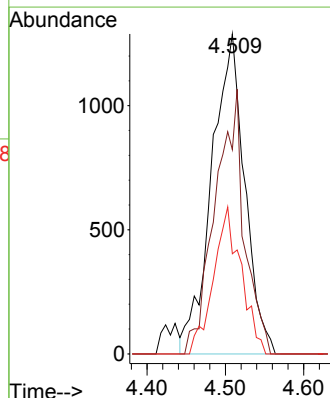
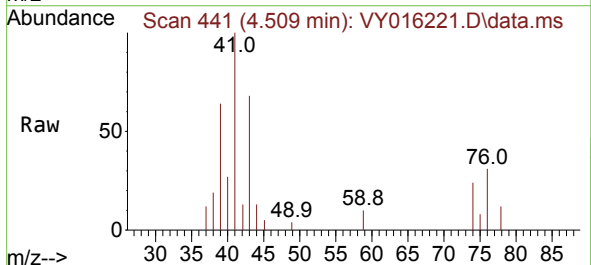
Tgt Ion: 41 Resp: 3773

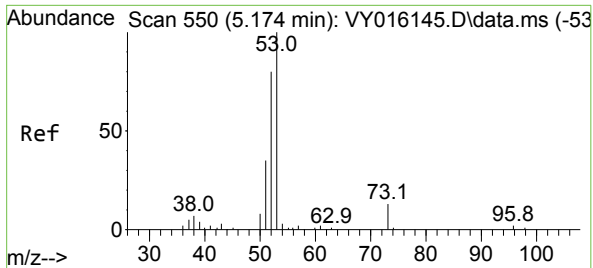
Ion Ratio Lower Upper

41 100

39 73.2 58.0 87.0

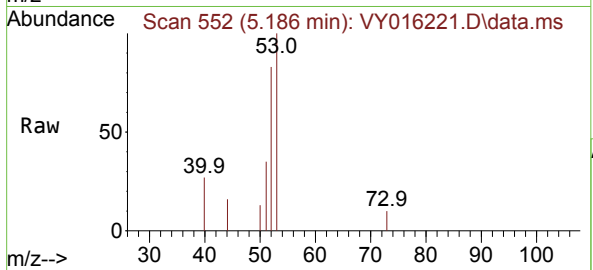
76 38.5 27.4 41.2



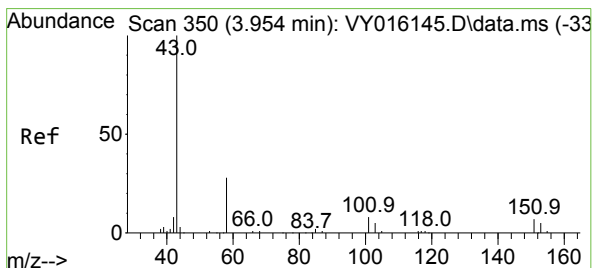
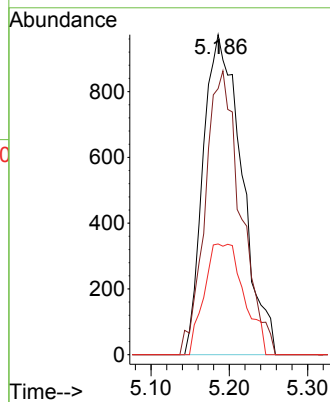
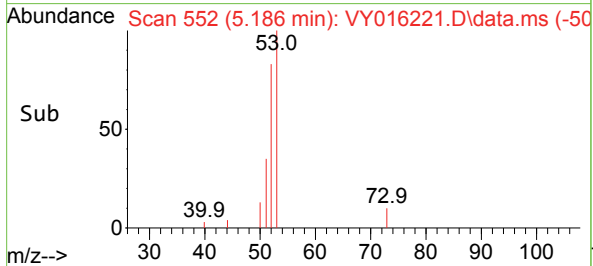


#15
Acrylonitrile
Concen: 11.255 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Instrument :
MSVOA_Y
ClientSampleId :

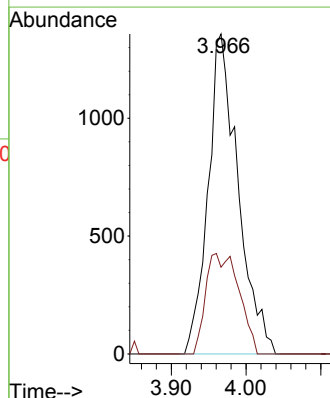
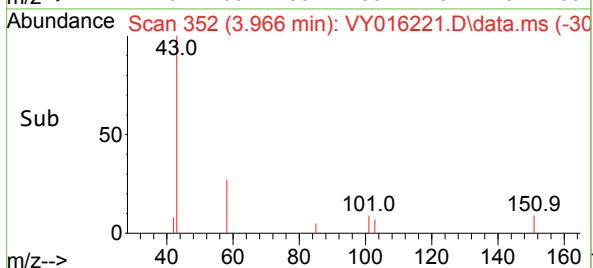
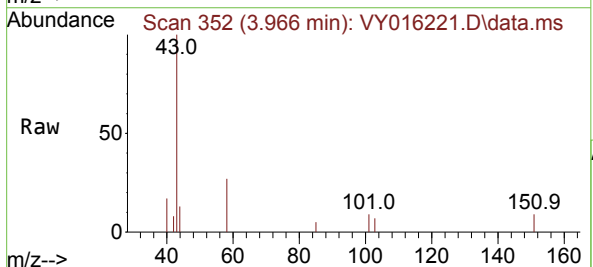


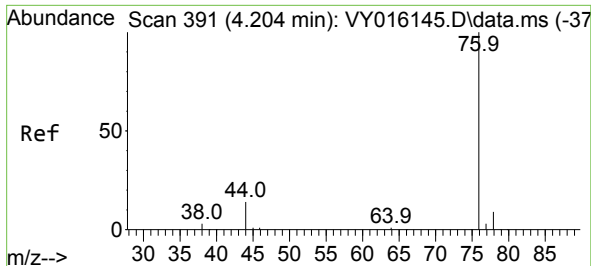
Tgt Ion: 53	Resp:	3324	
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.9	100.3
51	35.5	29.8	44.6



#16
Acetone
Concen: 14.445 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Tgt Ion: 43	Resp:	3784	
Ion	Ratio	Lower	Upper
43	100		
58	27.1	22.7	34.1





#17

Carbon Disulfide

Concen: 1.710 ug/l

RT: 4.216 min Scan# 391

Delta R.T. 0.012 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

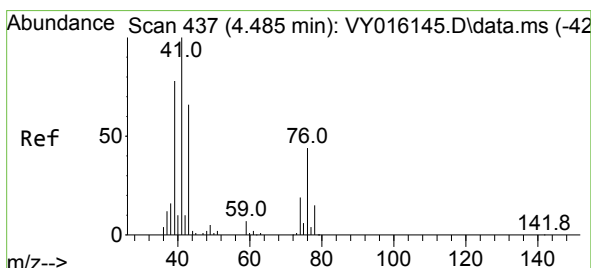
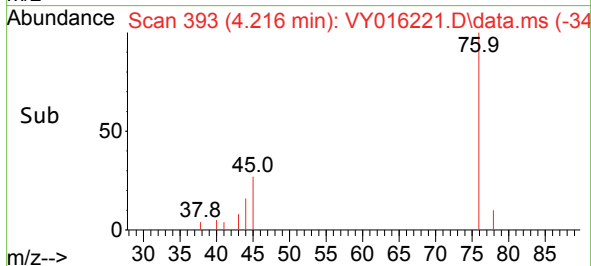
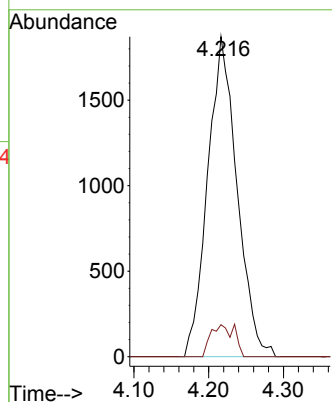
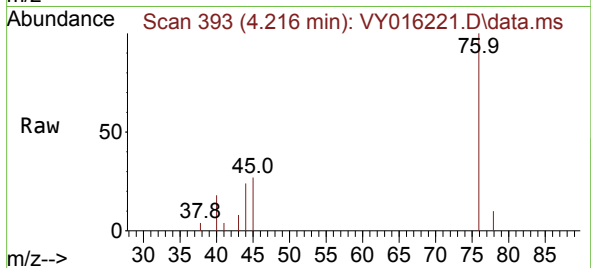
ClientSampleId :

Tgt Ion: 76 Resp: 5118

Ion Ratio Lower Upper

76 100

78 10.0 7.0 10.4



#18

Methyl Acetate

Concen: 2.720 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.018 min

Lab File: VY016221.D

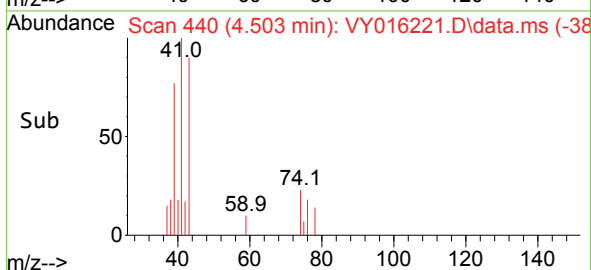
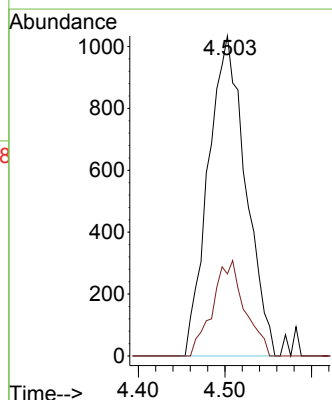
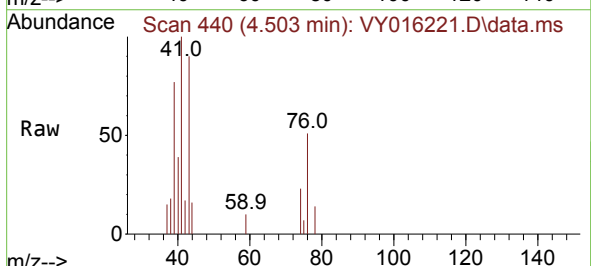
Acq: 03 Nov 2023 19:55

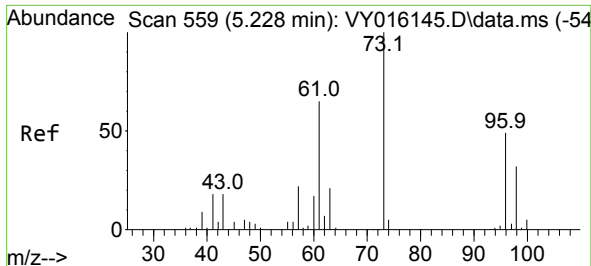
Tgt Ion: 43 Resp: 3102

Ion Ratio Lower Upper

43 100

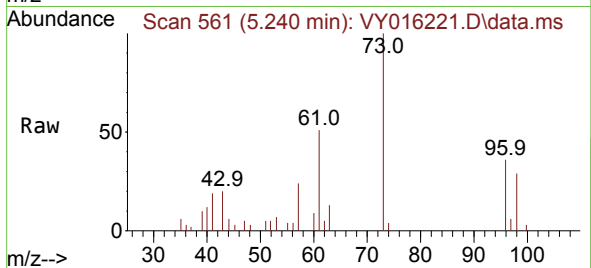
74 25.7 17.4 26.0



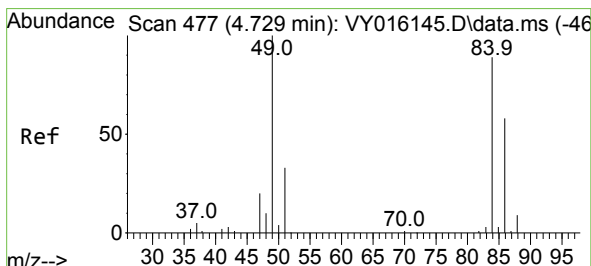
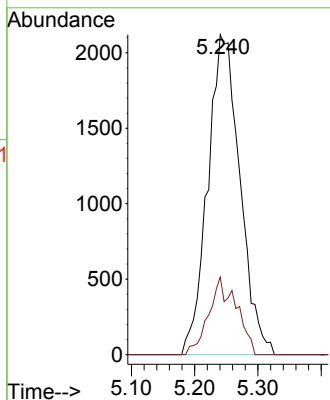
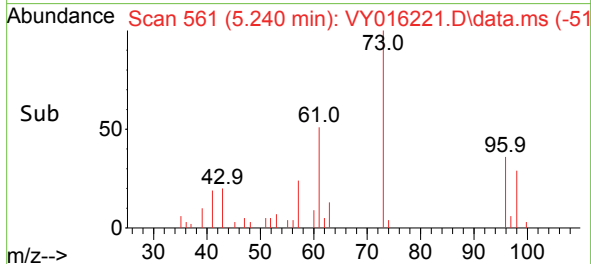


#19
Methyl tert-butyl Ether
Concen: 2.198 ug/l
RT: 5.240 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Instrument :
MSVOA_Y
ClientSampleId :

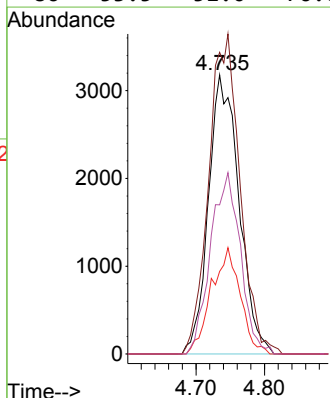
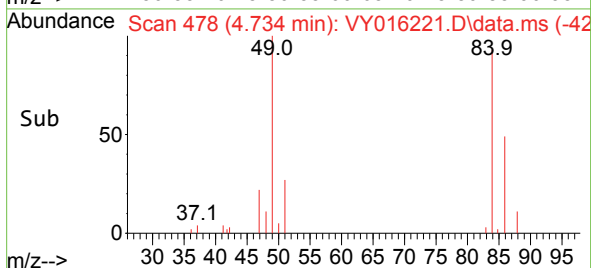
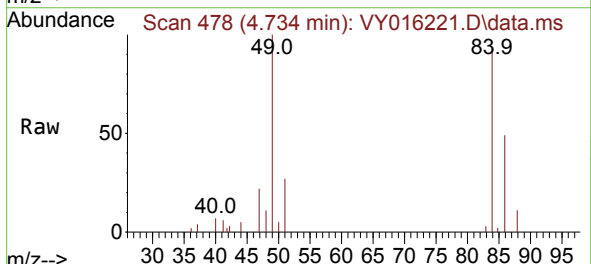


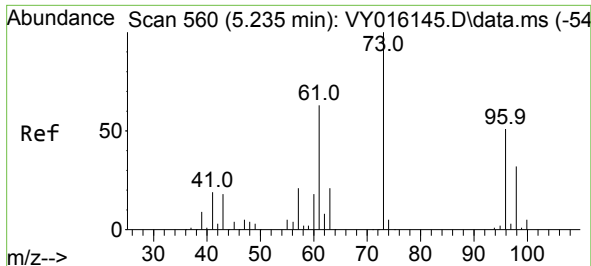
Tgt Ion: 73 Resp: 7496
Ion Ratio Lower Upper
73 100
57 24.2 17.3 25.9



#20
Methylene Chloride
Concen: 6.098 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Tgt Ion: 84 Resp: 9846
Ion Ratio Lower Upper
84 100
49 108.1 106.9 160.3
51 29.6 33.2 49.8#
86 53.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 2.059 ug/l

RT: 5.234 min Scan# 5

Delta R.T. -0.000 min

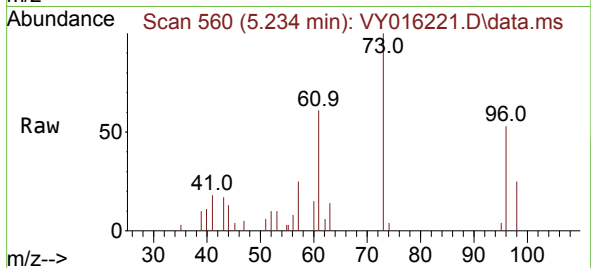
Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :



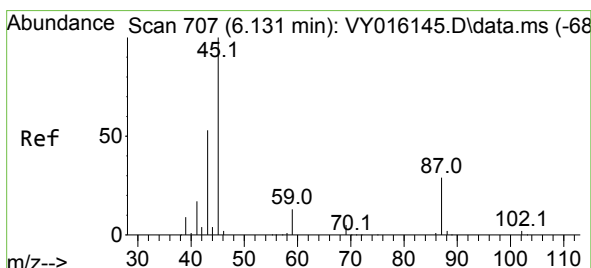
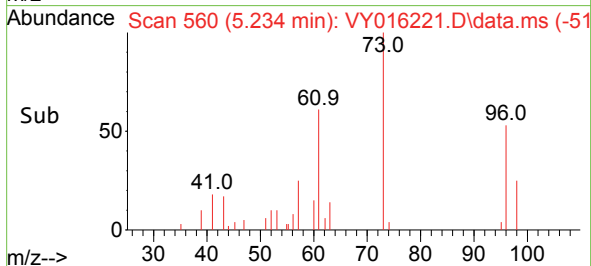
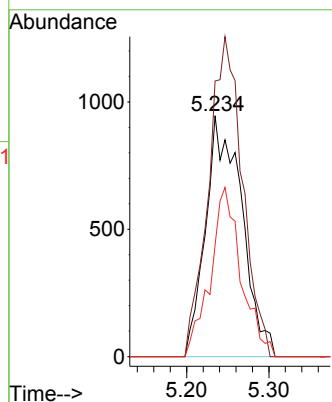
Tgt Ion: 96 Resp: 2876

Ion Ratio Lower Upper

96 100

61 114.4 110.2 165.4

98 46.3 51.8 77.6#



#22

Diisopropyl ether

Concen: 2.166 ug/l

RT: 6.143 min Scan# 709

Delta R.T. 0.012 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Tgt Ion: 45 Resp: 8986

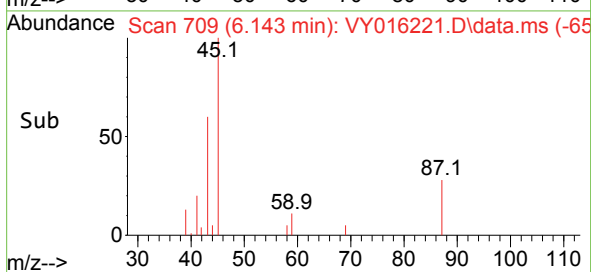
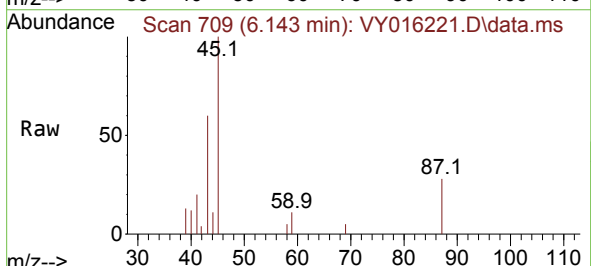
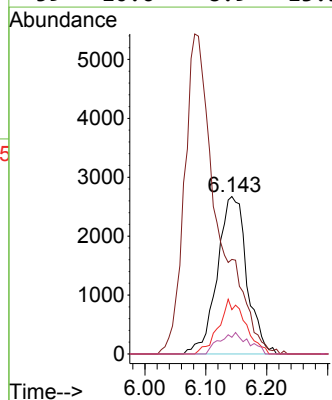
Ion Ratio Lower Upper

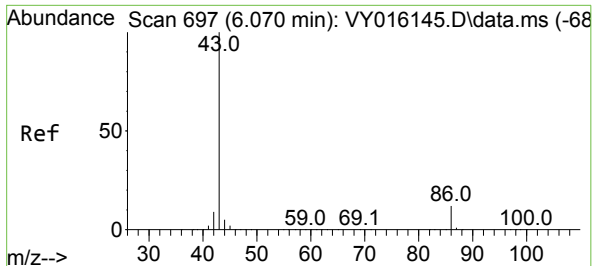
45 100

43 60.0 52.2 78.4

87 28.1 21.0 31.6

59 10.6 8.9 13.3

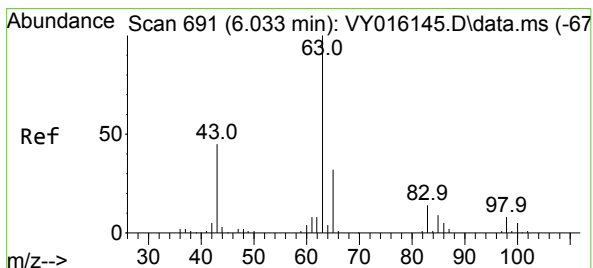
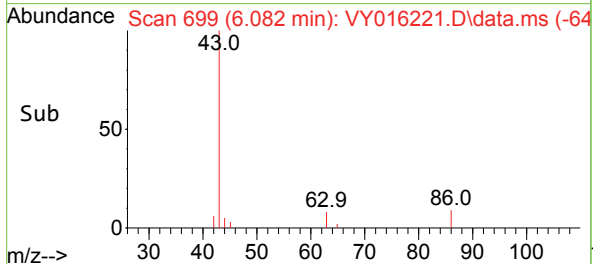
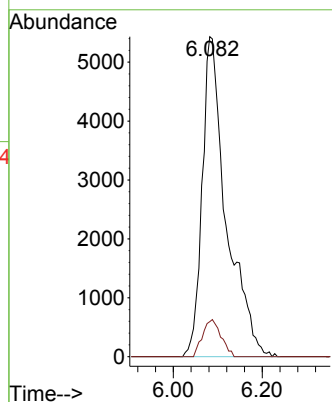
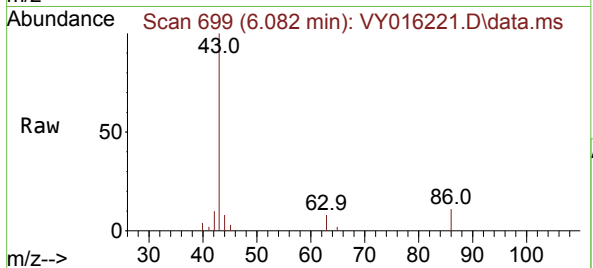




#23
 Vinyl Acetate
 Concen: 10.088 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY016221.D
 Acq: 03 Nov 2023 19:55

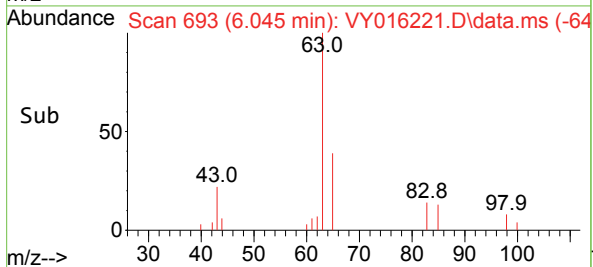
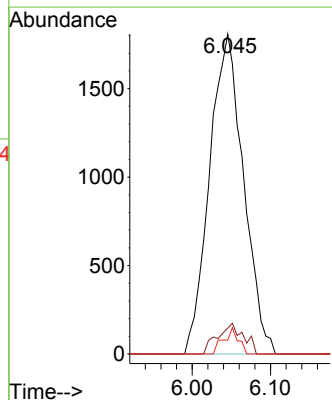
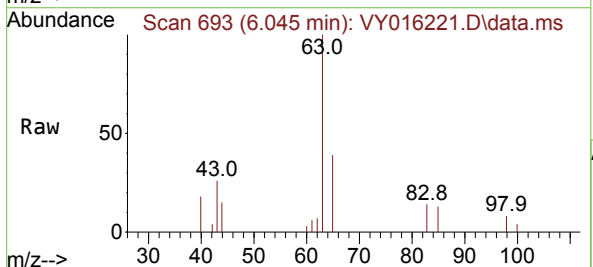
Instrument :
 MSVOA_Y
 ClientSampleId :

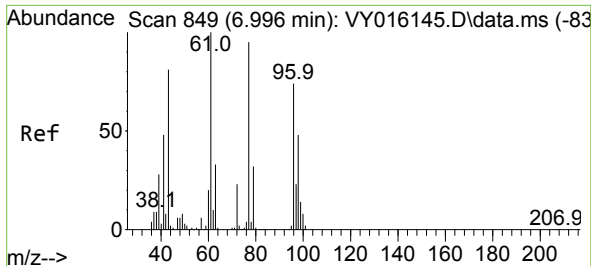
Tgt Ion: 43 Resp: 20546
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 2.195 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016221.D
 Acq: 03 Nov 2023 19:55

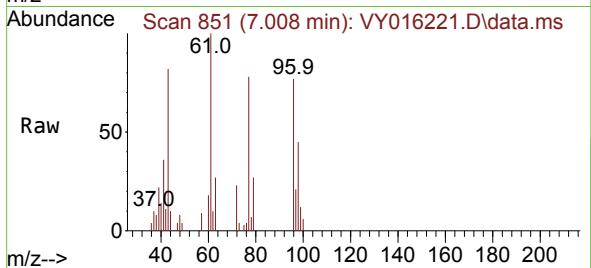
Tgt Ion: 63 Resp: 5449
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.1 9.4
 100 4.3 1.8 5.5



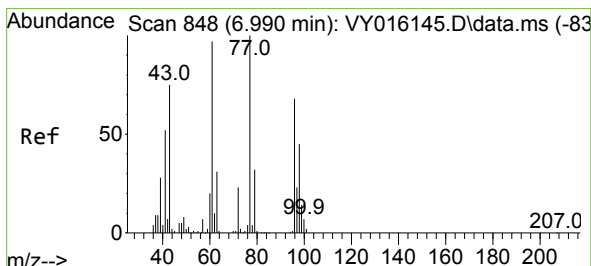
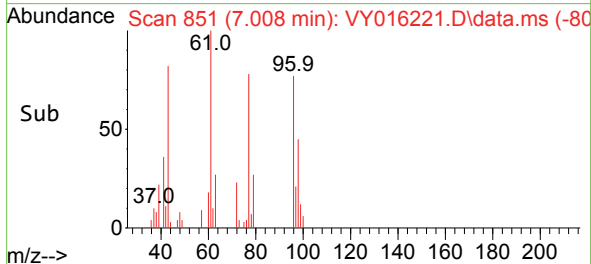
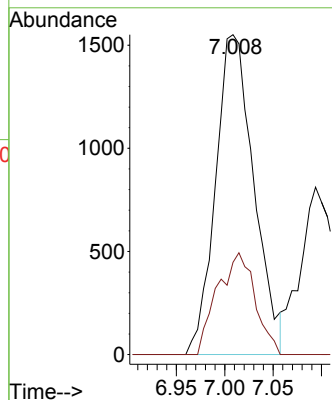


#25
2-Butanone
Concen: 10.933 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Instrument :
MSVOA_Y
ClientSampleId :

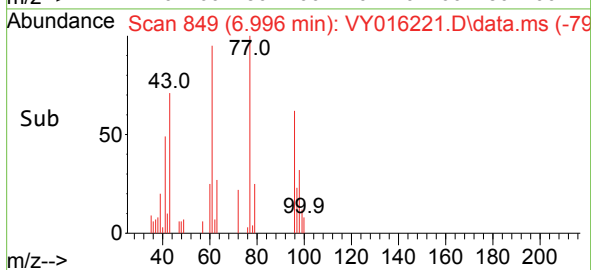
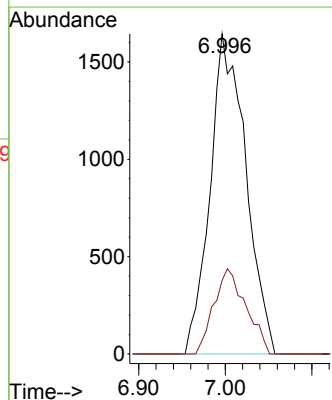
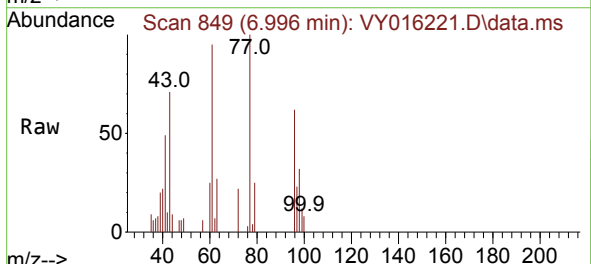


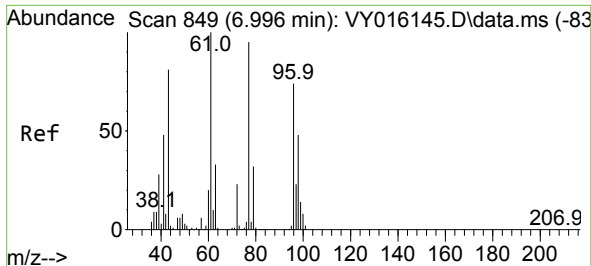
Tgt Ion: 43 Resp: 4277
Ion Ratio Lower Upper
43 100
72 28.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 2.005 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

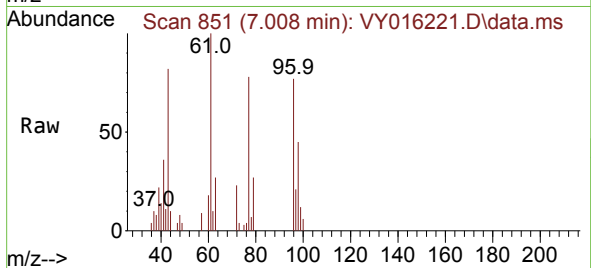
Tgt Ion: 77 Resp: 4706
Ion Ratio Lower Upper
77 100
97 23.9 10.9 32.9



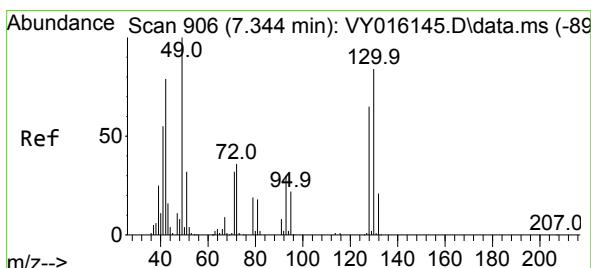
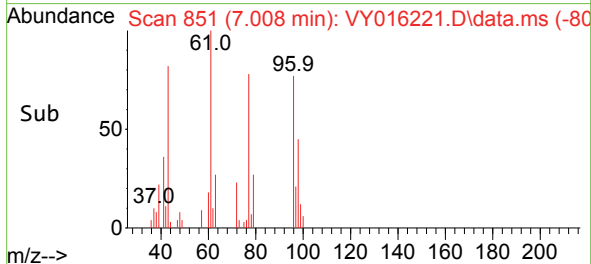
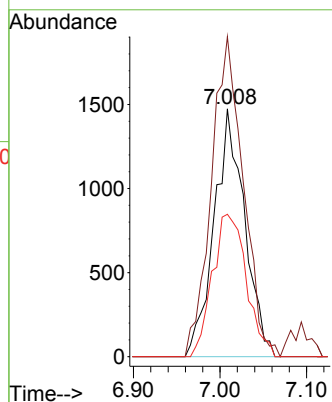


#27
 cis-1,2-Dichloroethene
 Concen: 2.189 ug/l
 RT: 7.008 min Scan# 849
 Delta R.T. 0.012 min
 Lab File: VY016221.D
 Acq: 03 Nov 2023 19:55

Instrument :
 MSVOA_Y
 ClientSampleId :

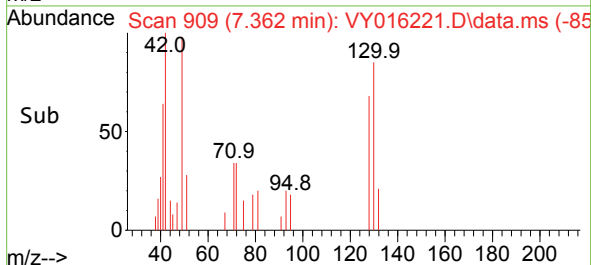
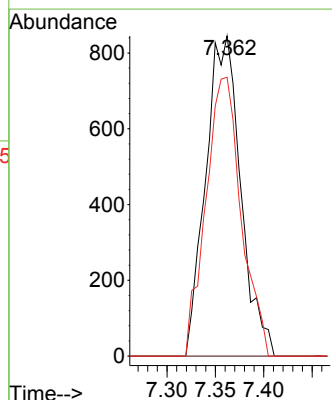
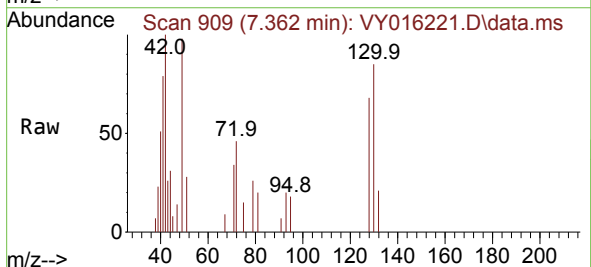


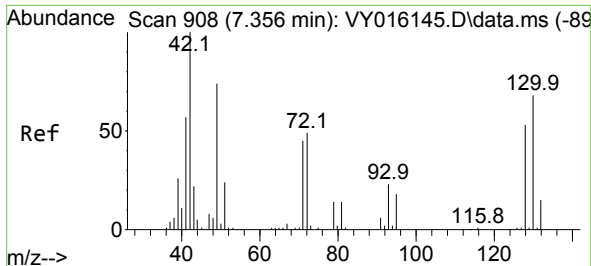
Tgt Ion: 96 Resp: 3598
 Ion Ratio Lower Upper
 96 100
 61 135.6 0.0 301.4
 98 64.2 0.0 130.4



#28
 Bromochloromethane
 Concen: 2.289 ug/l
 RT: 7.362 min Scan# 909
 Delta R.T. 0.018 min
 Lab File: VY016221.D
 Acq: 03 Nov 2023 19:55

Tgt Ion: 49 Resp: 2127
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 87.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 11.186 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.012 min

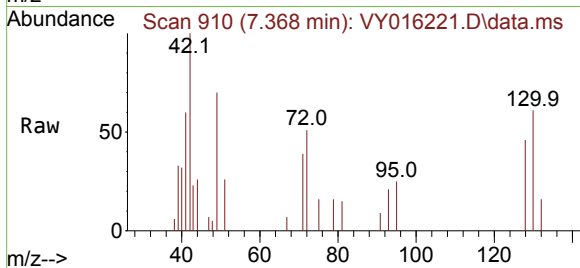
Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :



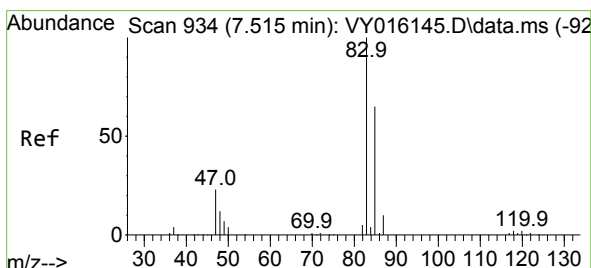
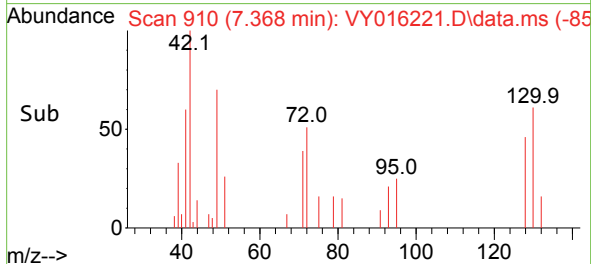
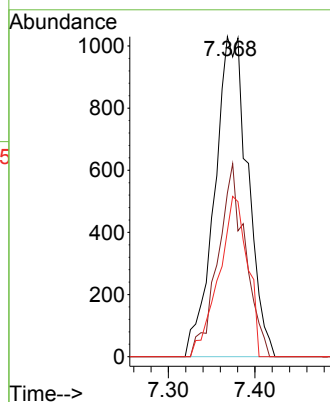
Tgt Ion: 42 Resp: 2743

Ion Ratio Lower Upper

42 100

72 49.9 32.8 49.2#

71 43.3 31.0 46.4



#30

Chloroform

Concen: 3.336 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.018 min

Lab File: VY016221.D

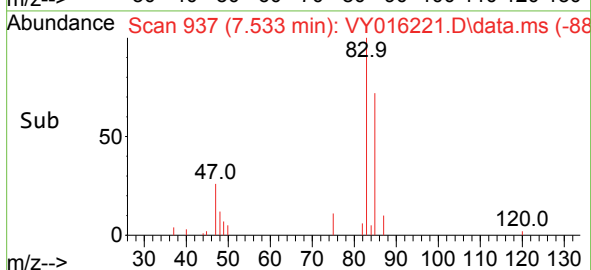
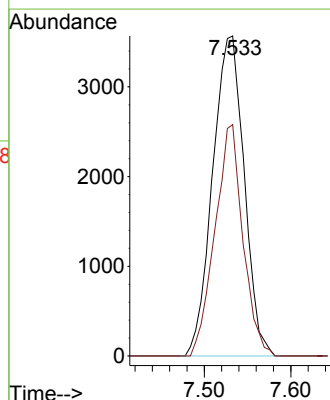
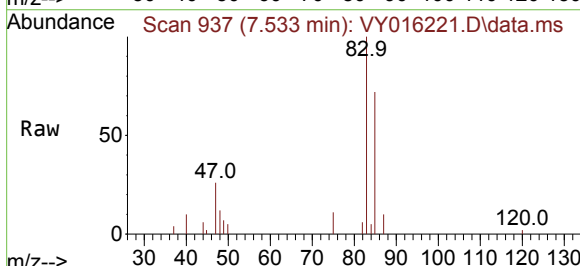
Acq: 03 Nov 2023 19:55

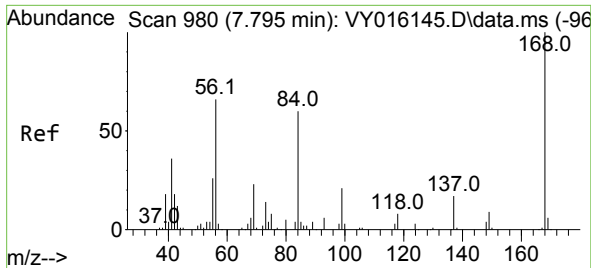
Tgt Ion: 83 Resp: 9018

Ion Ratio Lower Upper

83 100

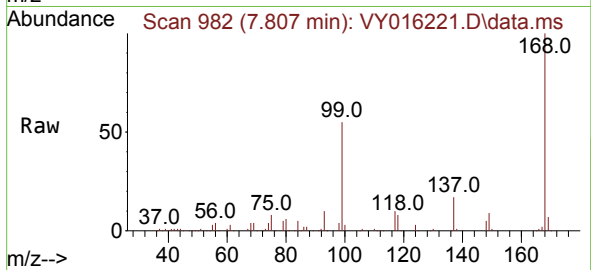
85 72.3 49.7 74.5



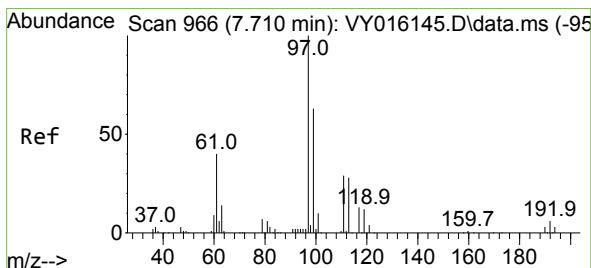
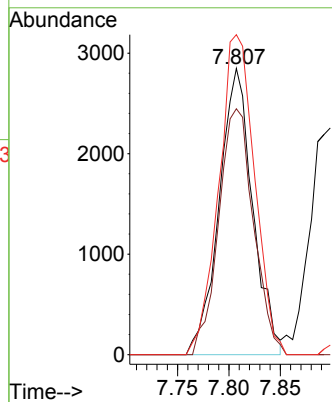
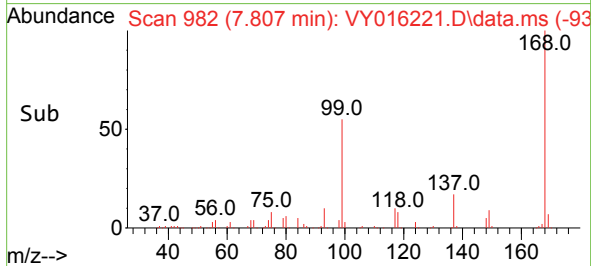


#31
Cyclohexane
Concen: 2.966 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Instrument :
MSVOA_Y
ClientSampleId :

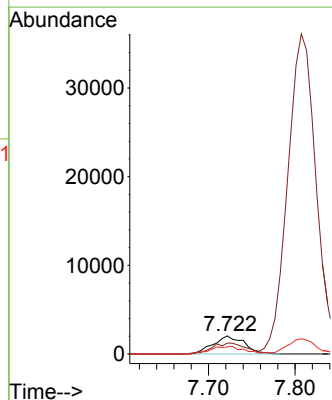
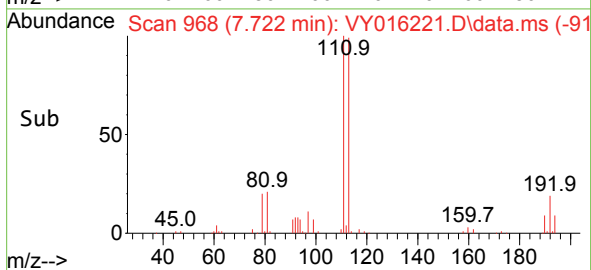
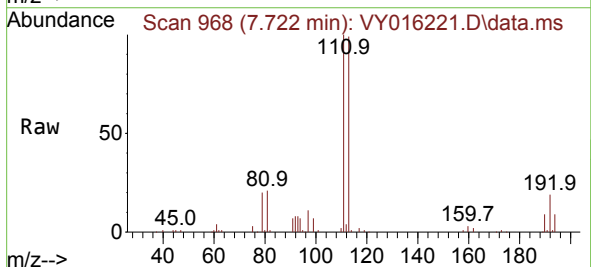


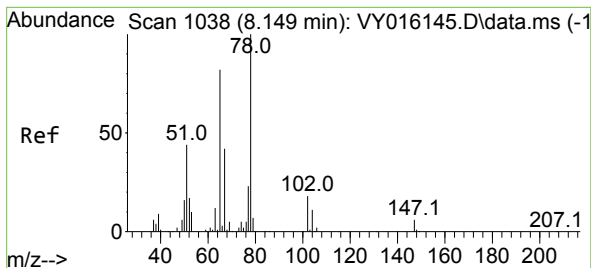
Tgt Ion: 56 Resp: 6464
Ion Ratio Lower Upper
56 100
69 85.9 27.8 41.6#
84 111.8 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 2.040 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Tgt Ion: 97 Resp: 5057
Ion Ratio Lower Upper
97 100
99 65.3 50.8 76.2
61 44.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 54.534 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

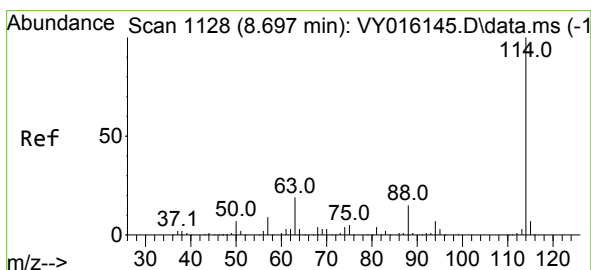
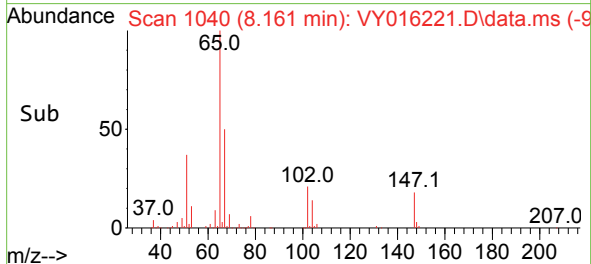
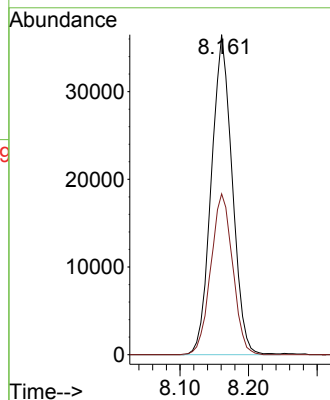
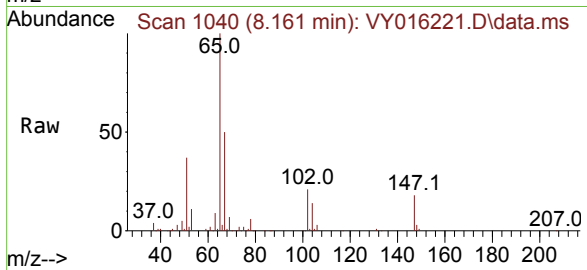
ClientSampleId :

Tgt Ion: 65 Resp: 77324

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

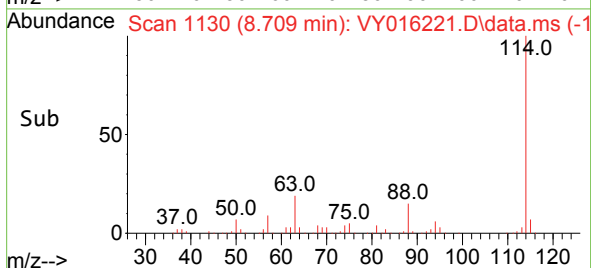
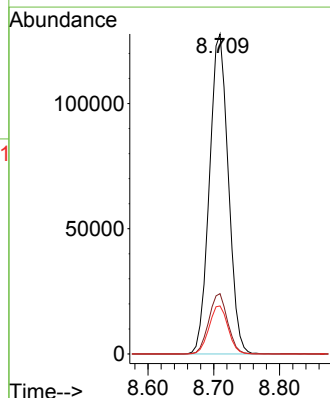
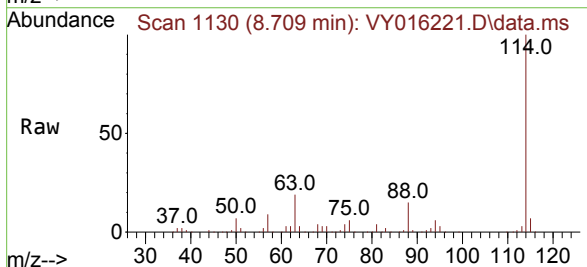
Tgt Ion: 114 Resp: 254849

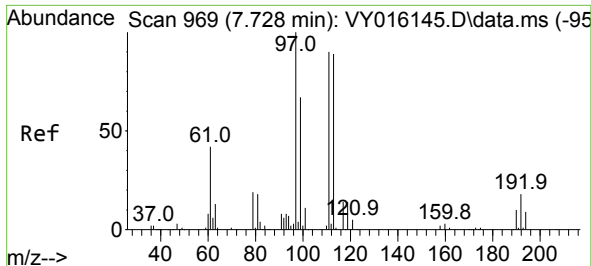
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.0 0.0 30.6

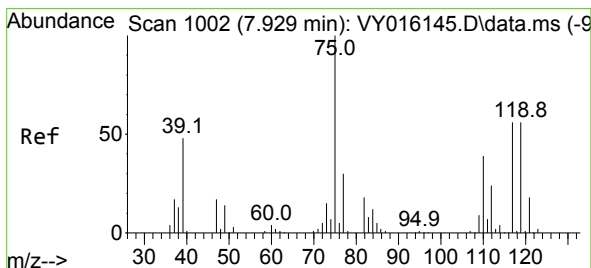
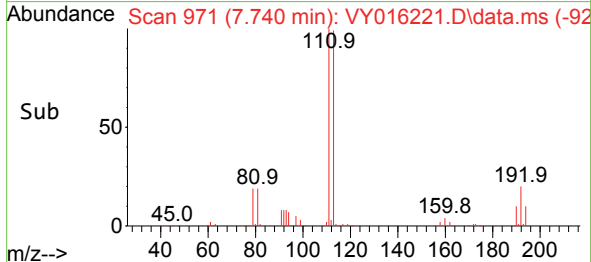
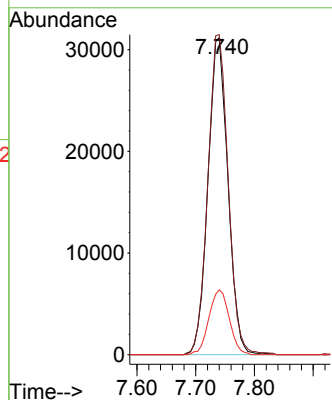
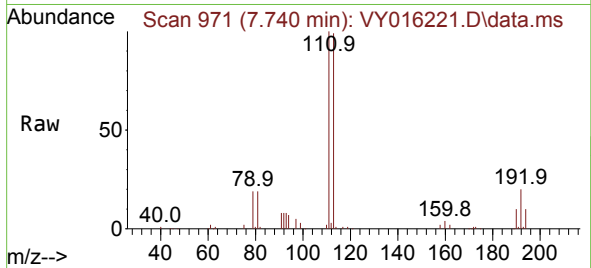




#35
Dibromofluoromethane
Concen: 48.385 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

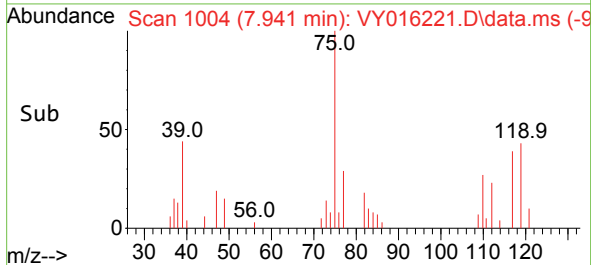
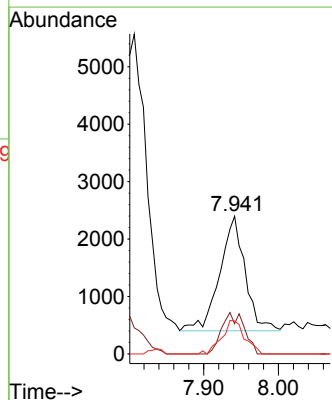
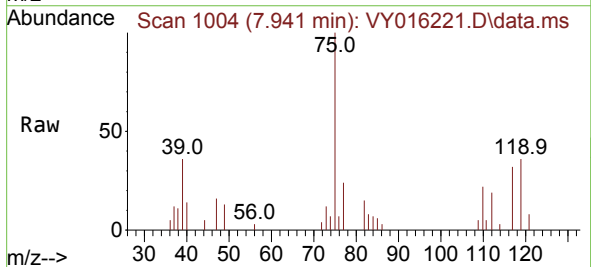
Instrument :
MSVOA_Y
ClientSampleId :

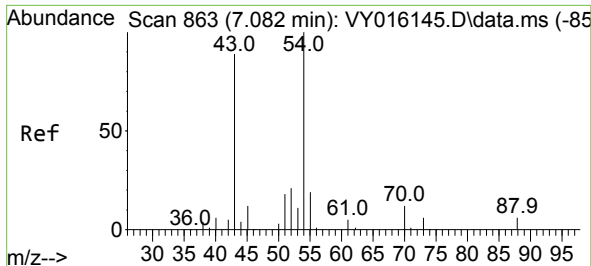
Tgt Ion:113 Resp: 73513
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 20.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 2.155 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Tgt Ion: 75 Resp: 4728
Ion Ratio Lower Upper
75 100
110 32.3 17.8 53.5
77 26.3 24.4 36.6





#37

Ethyl Acetate

Concen: 2.330 ug/l

RT: 7.094 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

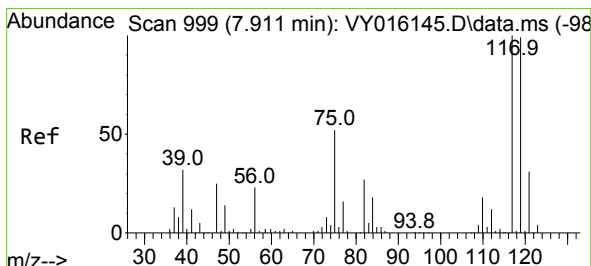
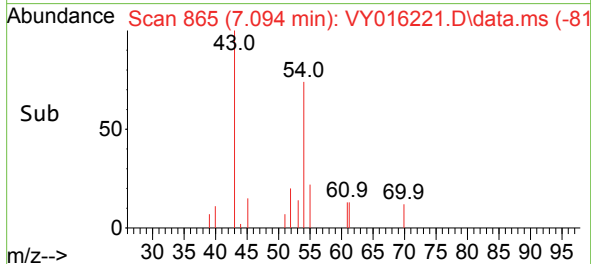
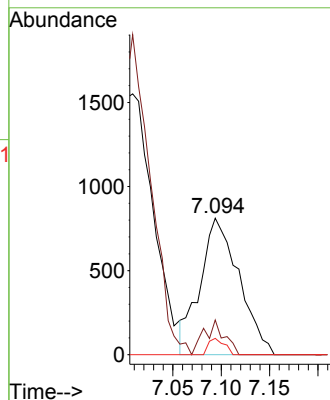
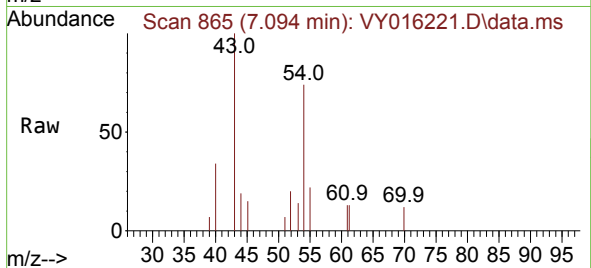
Tgt Ion: 43 Resp: 2277

Ion Ratio Lower Upper

43 100

61 13.1 10.1 15.1

70 4.8 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 2.008 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

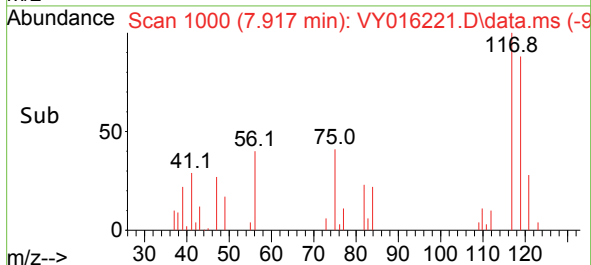
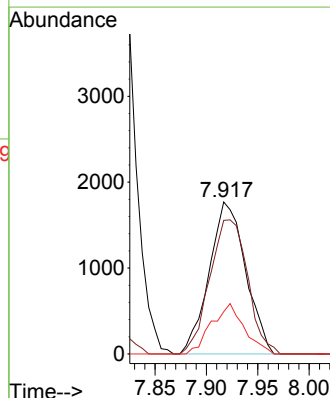
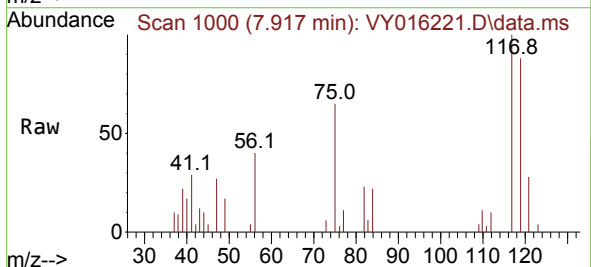
Tgt Ion: 117 Resp: 4364

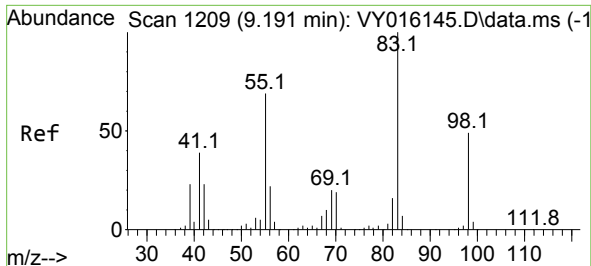
Ion Ratio Lower Upper

117 100

119 87.9 76.4 114.6

121 27.7 25.8 38.6





#39

Methylcyclohexane

Concen: 1.724 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016221.D

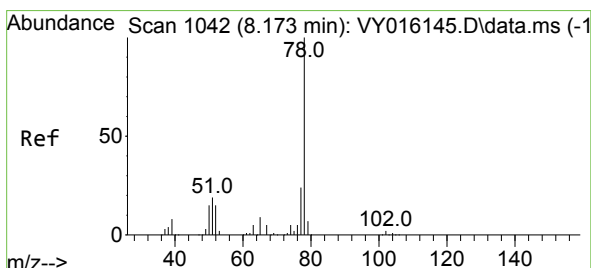
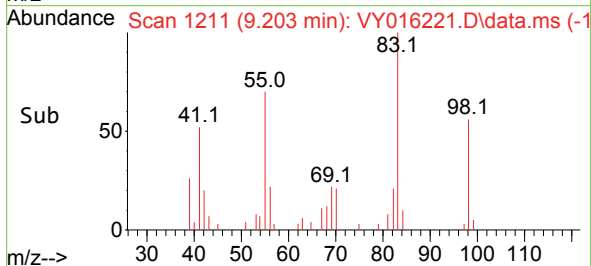
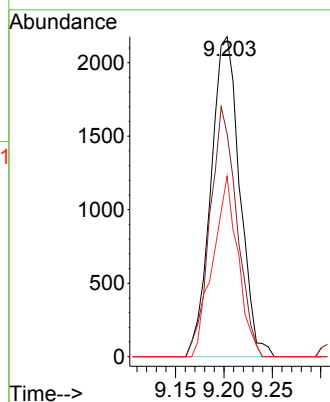
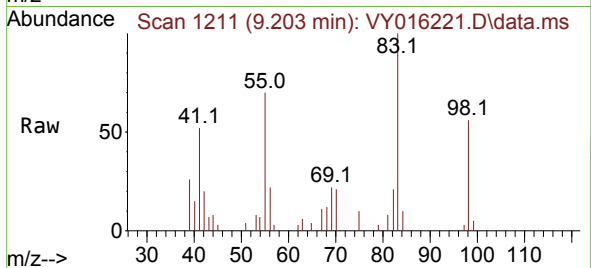
Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 4514
Ion Ratio	Lower Upper
83	100
55	69.7 63.0 94.4
98	56.4 37.4 56.2#



#40

Benzene

Concen: 2.049 ug/l

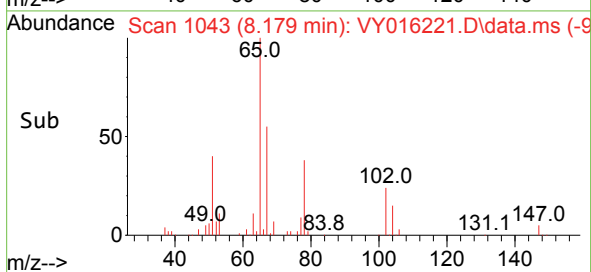
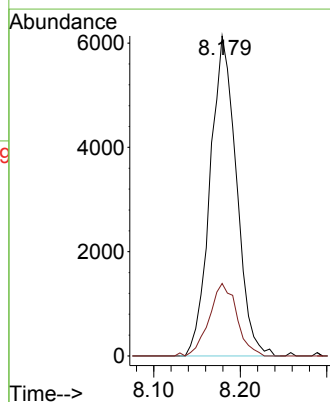
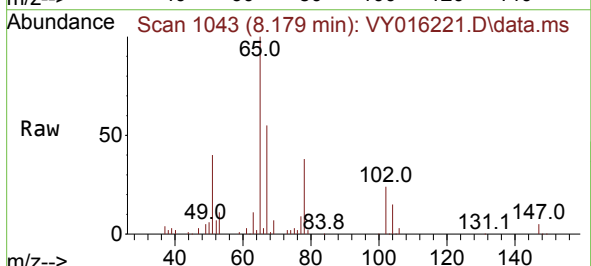
RT: 8.179 min Scan# 1043

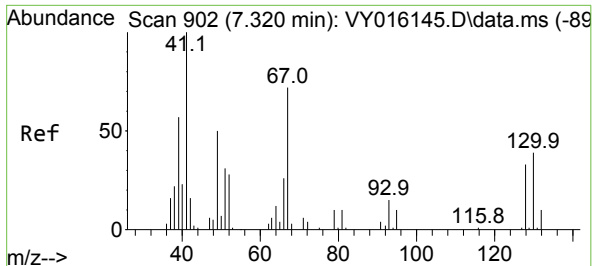
Delta R.T. 0.006 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

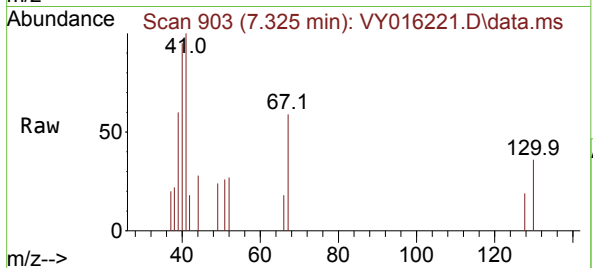
Tgt Ion: 78	Resp: 12903
Ion Ratio	Lower Upper
78	100
77	22.6 19.0 28.6



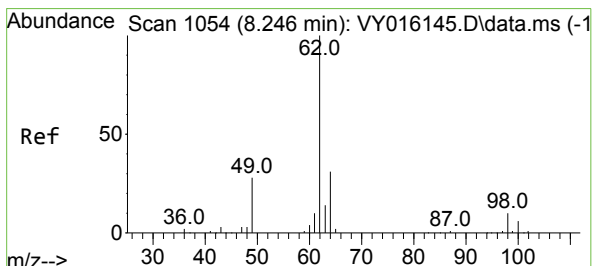
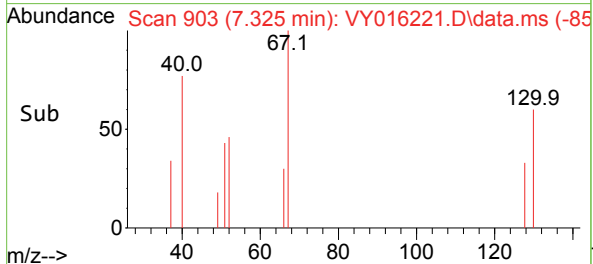
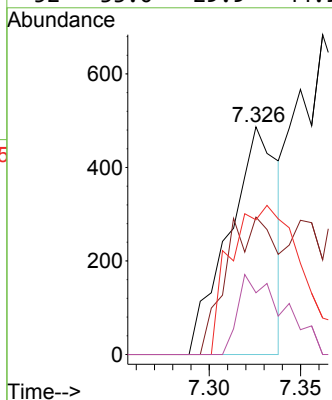


#41
Methacrylonitrile
Concen: 1.592 ug/l
RT: 7.325 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Instrument :
MSVOA_Y
ClientSampleId :

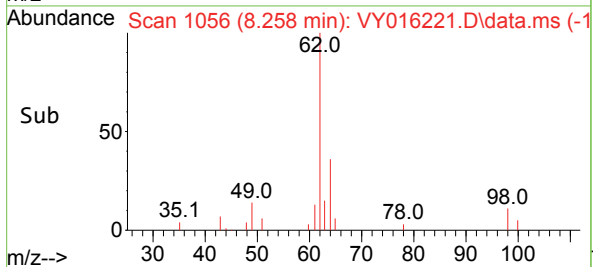
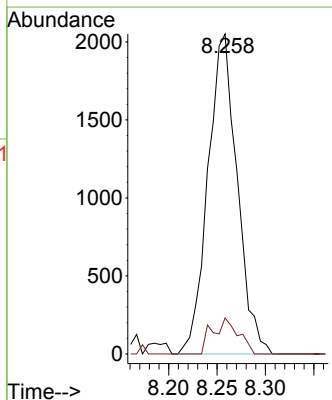
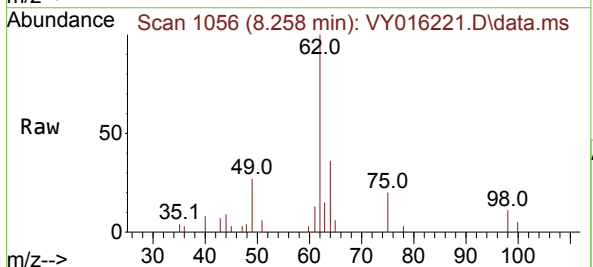


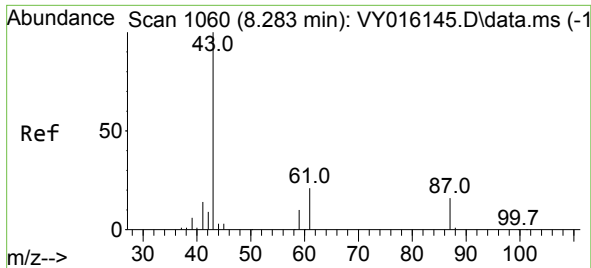
Tgt Ion: 41	Resp: 903
Ion Ratio	Lower Upper
41 100	
39 61.2	52.1 78.1
67 96.0	66.2 99.2
52 33.0	29.9 44.9



#42
1,2-Dichloroethane
Concen: 2.455 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.012 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Tgt Ion: 62	Resp: 4316
Ion Ratio	Lower Upper
62 100	
98 9.9	0.0 15.8





#43

Isopropyl Acetate

Concen: 2.057 ug/l

RT: 8.289 min Scan# 1061

Delta R.T. 0.006 min

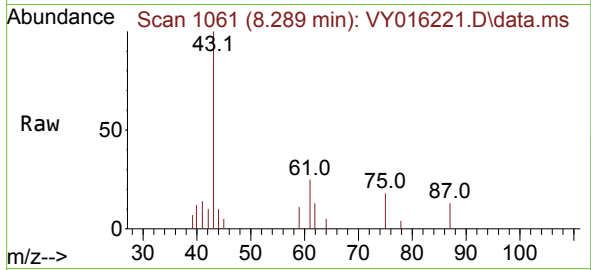
Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

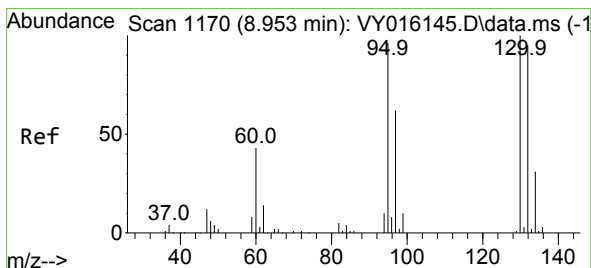
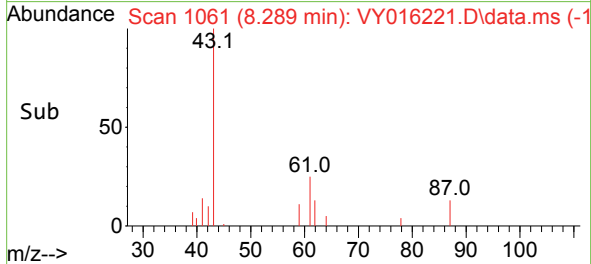
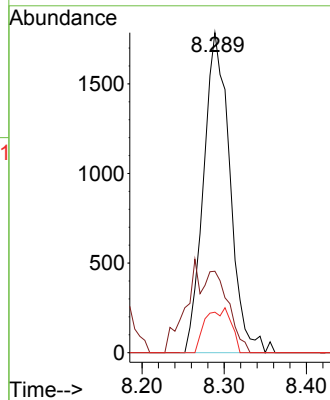
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	3975
Ion	Ratio	Lower	Upper
43	100		
61	19.9	21.1	31.7#
87	13.7	9.8	14.8



#44

Trichloroethene

Concen: 1.890 ug/l

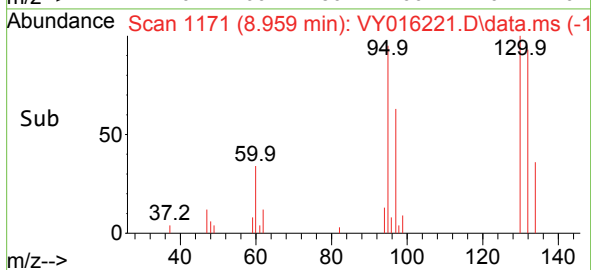
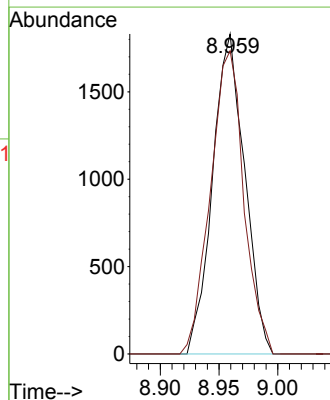
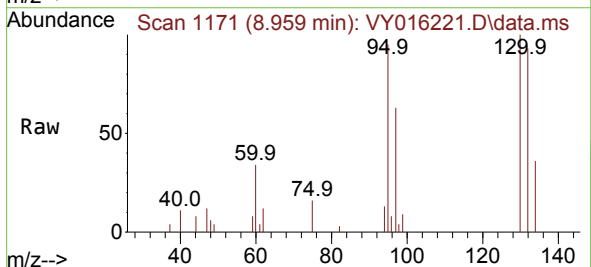
RT: 8.959 min Scan# 1171

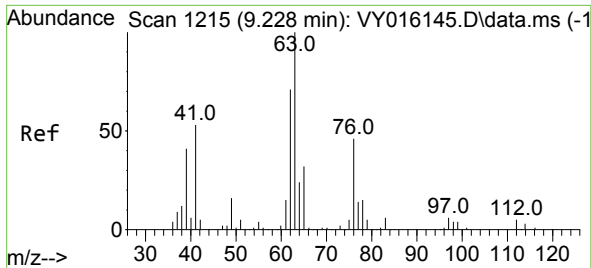
Delta R.T. 0.006 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Tgt Ion:	130	Resp:	3484
Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	196.0

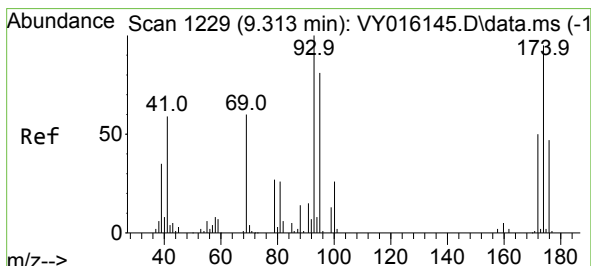
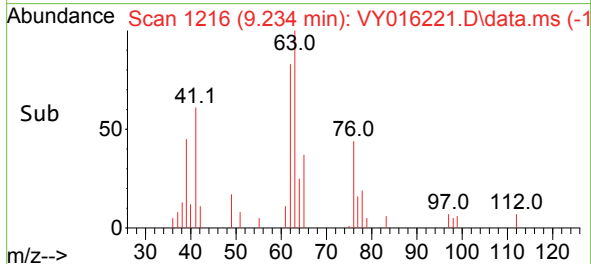
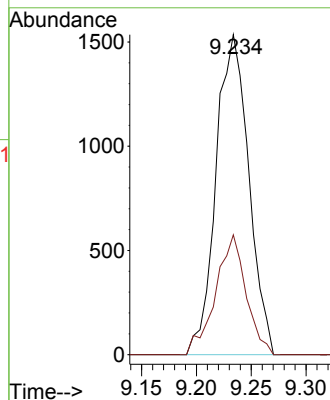
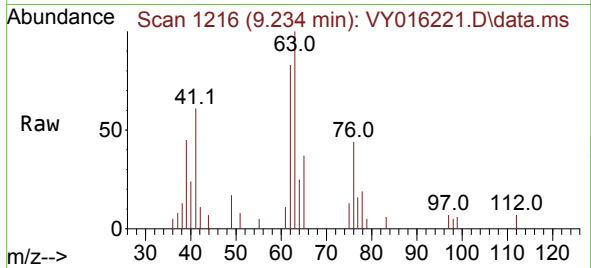




#45
1,2-Dichloropropane
Concen: 2.103 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

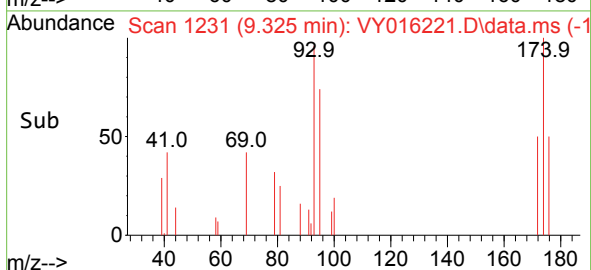
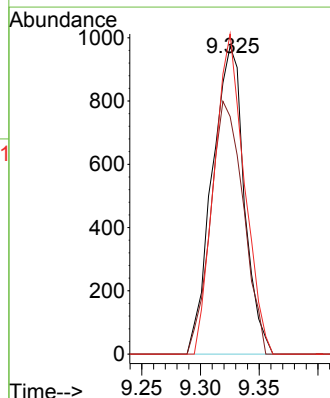
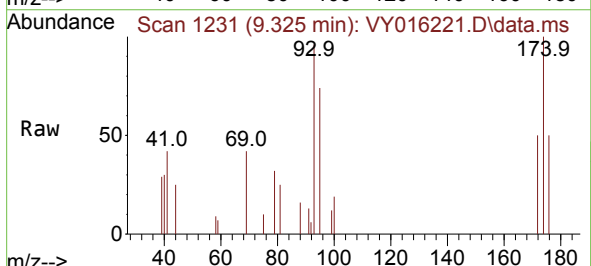
Instrument :
MSVOA_Y
ClientSampleId :

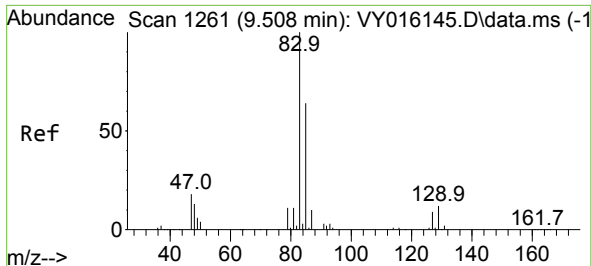
Tgt Ion: 63 Resp: 3187
Ion Ratio Lower Upper
63 100
65 37.5 23.8 35.6#



#46
Dibromomethane
Concen: 2.155 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Tgt Ion: 93 Resp: 1852
Ion Ratio Lower Upper
93 100
95 83.9 66.6 100.0
174 97.5 84.8 127.2





#47

Bromodichloromethane

Concen: 2.684 ug/l

RT: 9.514 min Scan# 1261

Delta R.T. 0.006 min

Lab File: VY016221.D

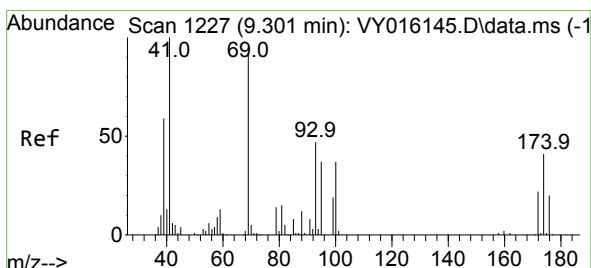
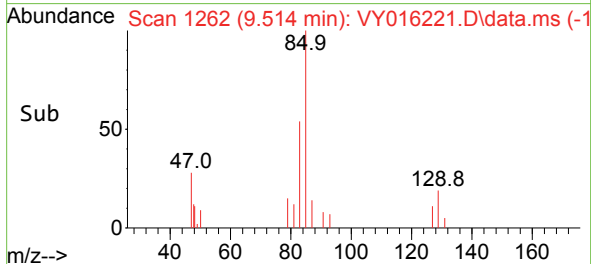
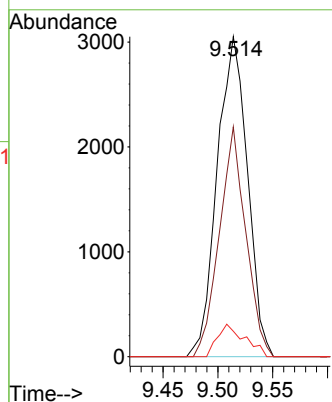
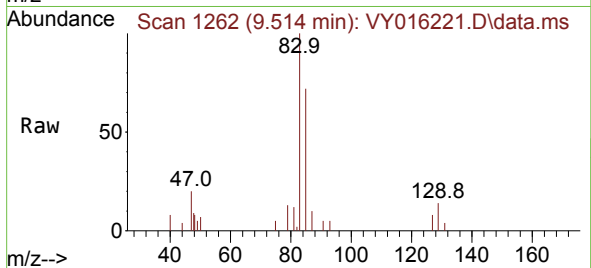
Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 5861
Ion Ratio	Lower Upper
83	100
85	71.8 50.1 75.1
127	7.9 7.1 10.7



#48

Methyl methacrylate

Concen: 2.104 ug/l

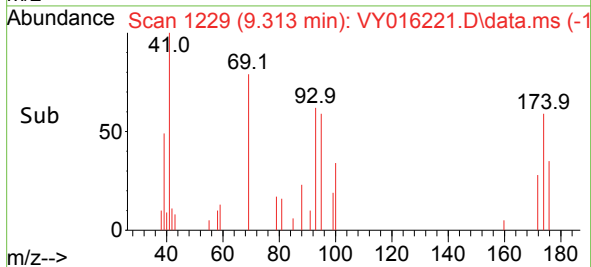
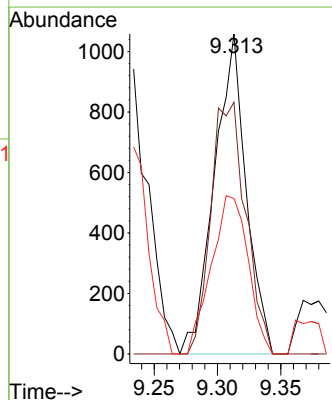
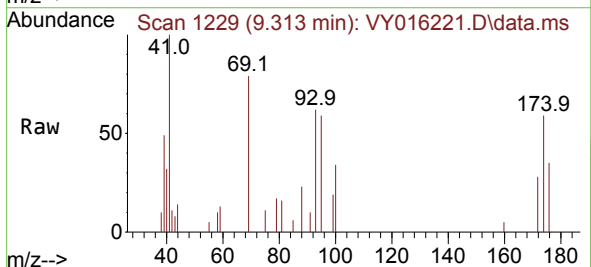
RT: 9.313 min Scan# 1229

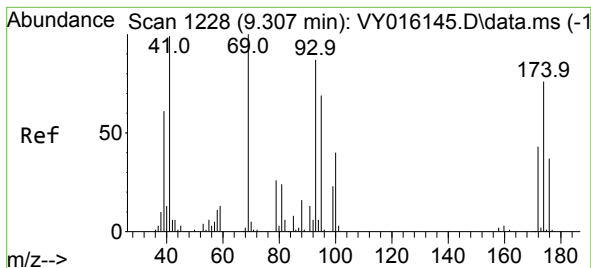
Delta R.T. 0.012 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Tgt Ion: 41	Resp: 1849
Ion Ratio	Lower Upper
41	100
69	86.4 64.5 96.7
39	57.2 50.8 76.2





#49

1,4-Dioxane

Concen: 27.059 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

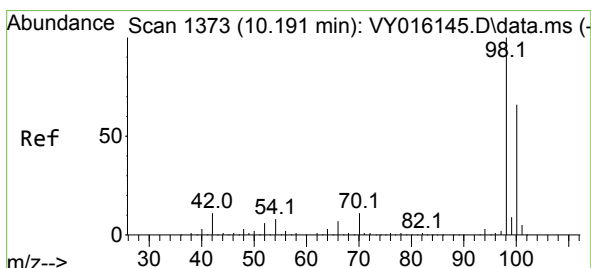
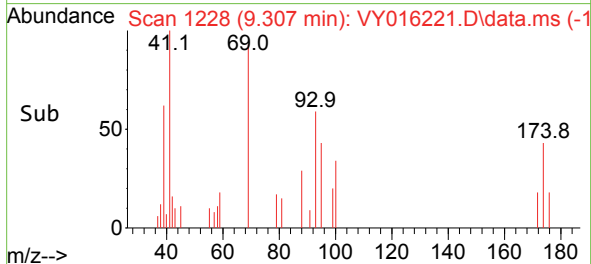
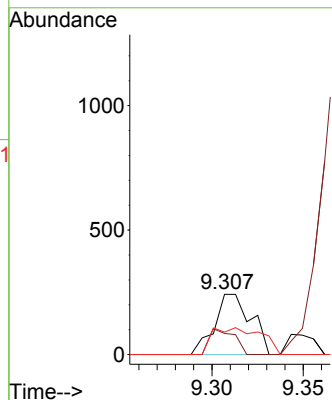
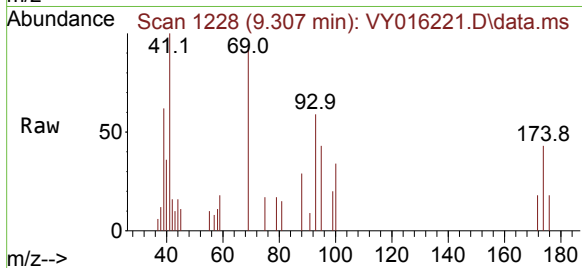
Tgt Ion: 88 Resp: 338

Ion Ratio Lower Upper

88 100

43 29.0 0.0 0.0#

58 60.1 30.9 46.3#



#50

Toluene-d8

Concen: 48.882 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016221.D

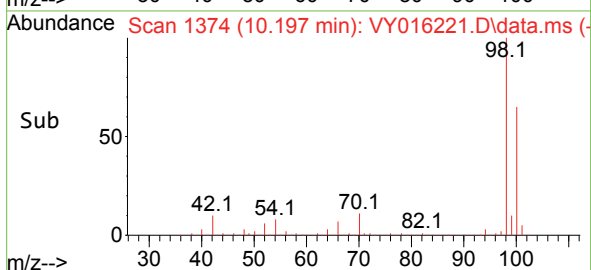
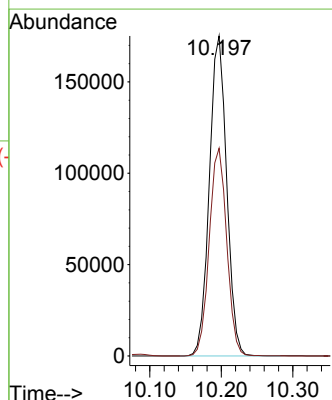
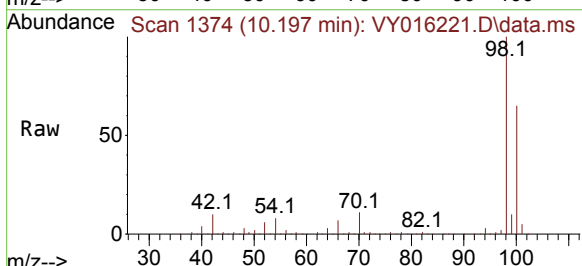
Acq: 03 Nov 2023 19:55

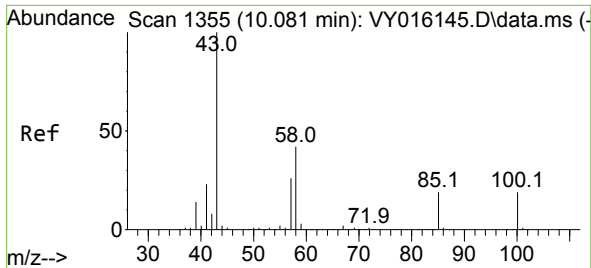
Tgt Ion: 98 Resp: 294460

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

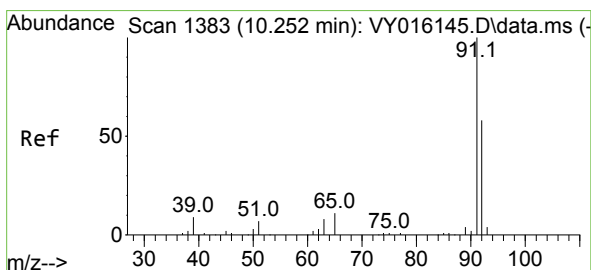
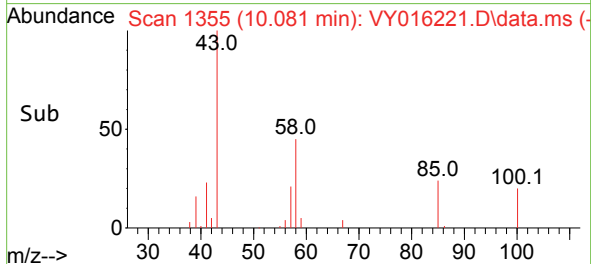
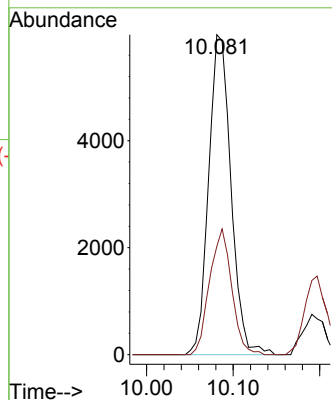
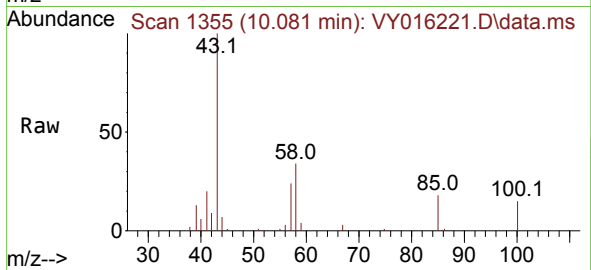




#51
4-Methyl-2-Pentanone
Concen: 11.117 ug/l
RT: 10.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

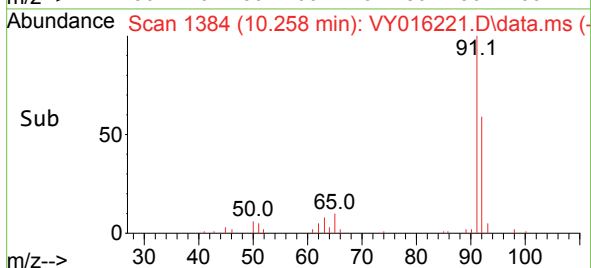
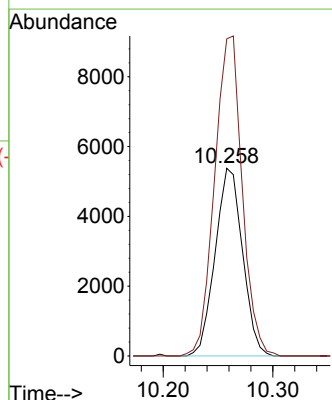
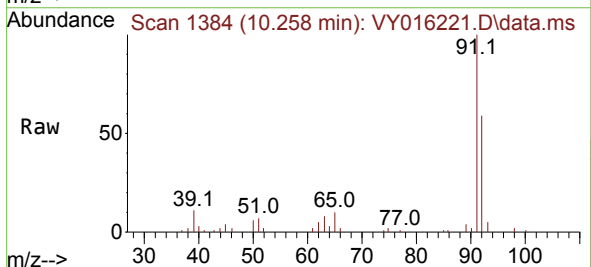
Instrument :
MSVOA_Y
ClientSampleId :

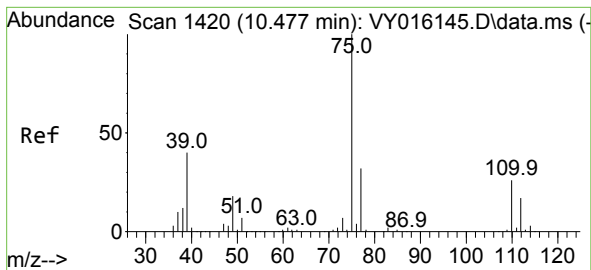
Tgt Ion: 43 Resp: 10722
Ion Ratio Lower Upper
43 100
58 38.9 29.0 43.6



#52
Toluene
Concen: 2.290 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Tgt Ion: 92 Resp: 9348
Ion Ratio Lower Upper
92 100
91 171.7 143.8 215.6





#53

t-1,3-Dichloropropene

Concen: 2.080 ug/l

RT: 10.477 min Scan# 1420

Delta R.T. -0.000 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

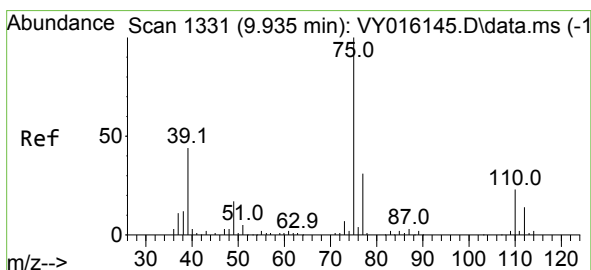
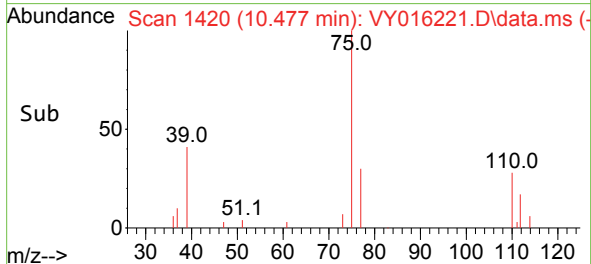
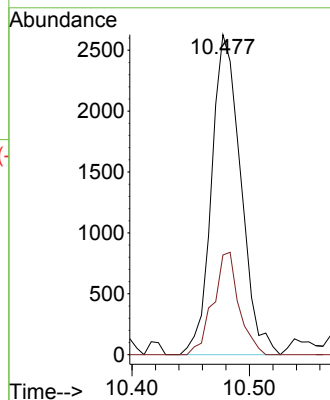
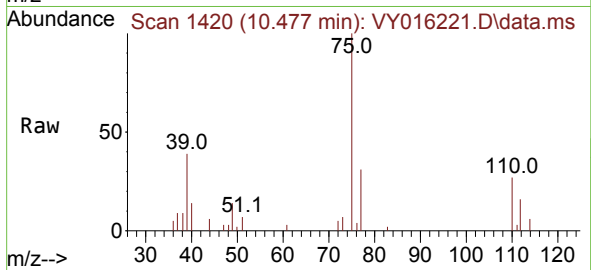
ClientSampleId :

Tgt Ion: 75 Resp: 4534

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 2.003 ug/l

RT: 9.947 min Scan# 1333

Delta R.T. 0.012 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

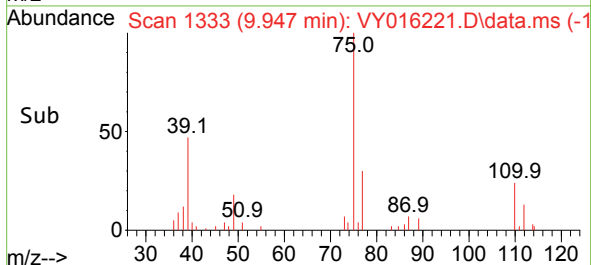
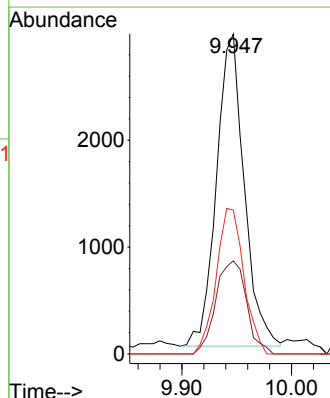
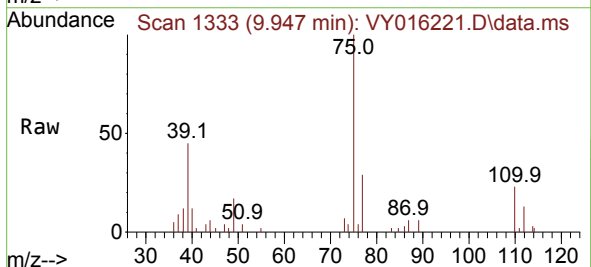
Tgt Ion: 75 Resp: 5125

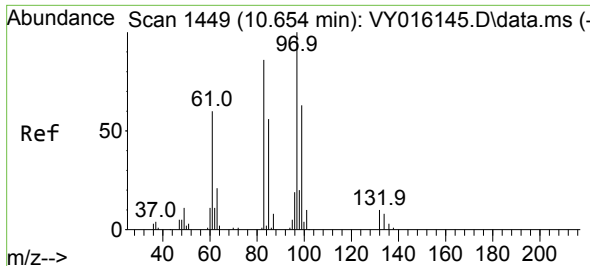
Ion Ratio Lower Upper

75 100

77 29.8 24.2 36.4

39 46.1 42.2 63.4

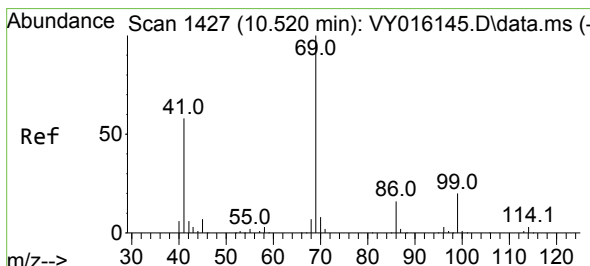
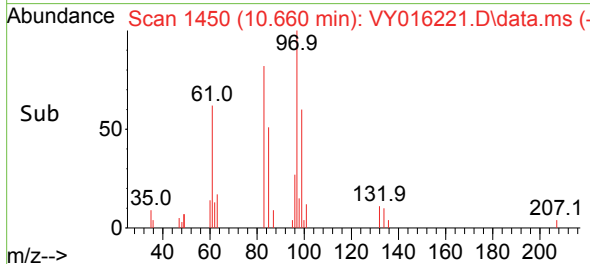
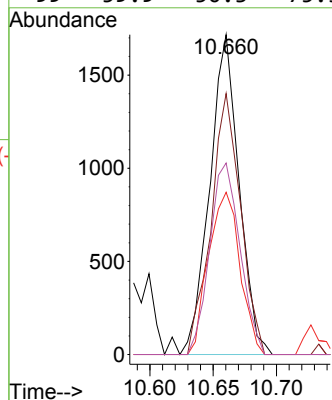
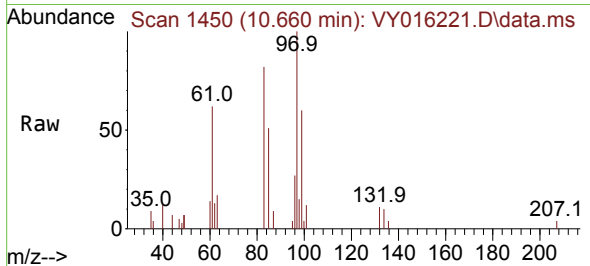




#55
1,1,2-Trichloroethane
Concen: 2.294 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

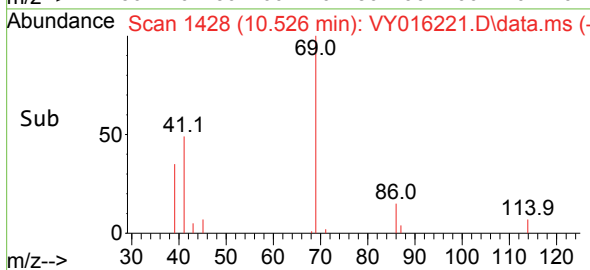
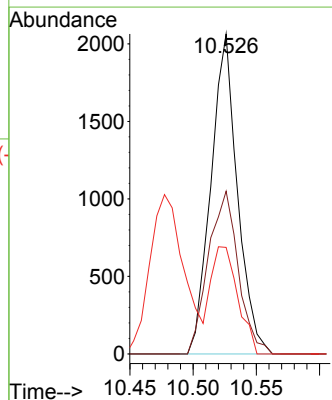
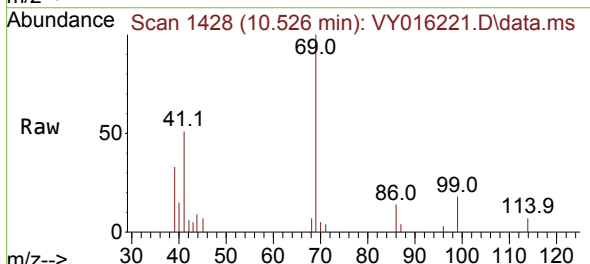
Instrument :
MSVOA_Y
ClientSampleId :

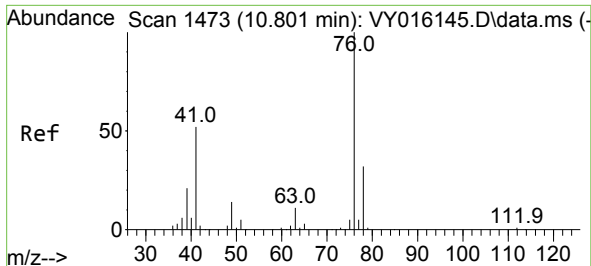
Tgt Ion:	97	Resp:	2773
Ion	Ratio	Lower	Upper
97	100		
83	81.6	72.0	108.0
85	50.7	45.4	68.0
99	59.9	50.3	75.5



#56
Ethyl methacrylate
Concen: 1.912 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Tgt Ion:	69	Resp:	3002
Ion	Ratio	Lower	Upper
69	100		
41	57.6	57.6	86.4#
39	33.8	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 2.194 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

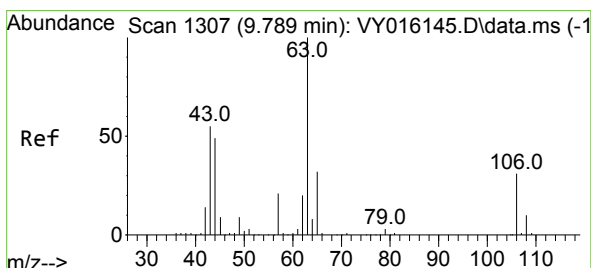
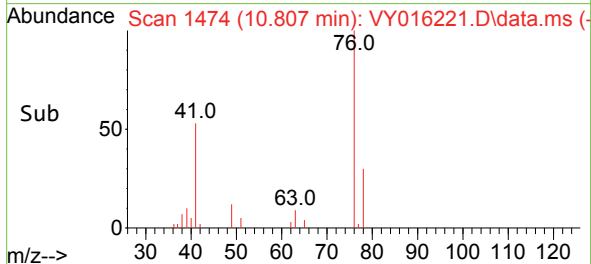
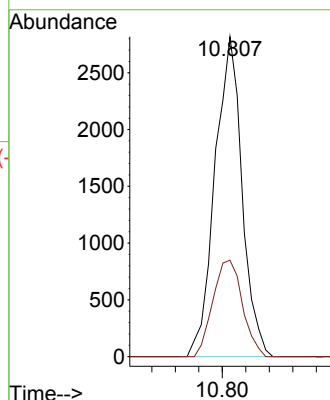
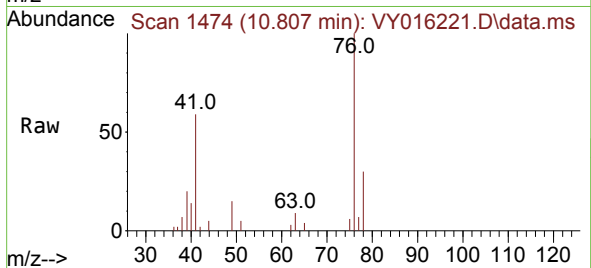
ClientSampleId :

Tgt Ion: 76 Resp: 4515

Ion Ratio Lower Upper

76 100

78 32.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 11.304 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.012 min

Lab File: VY016221.D

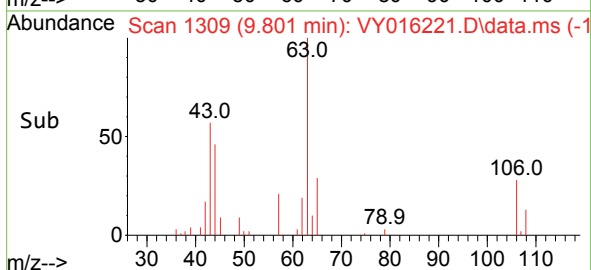
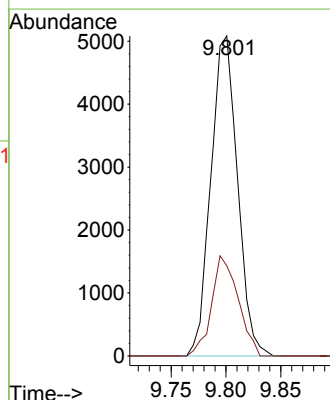
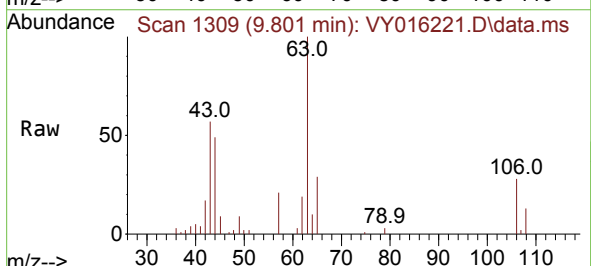
Acq: 03 Nov 2023 19:55

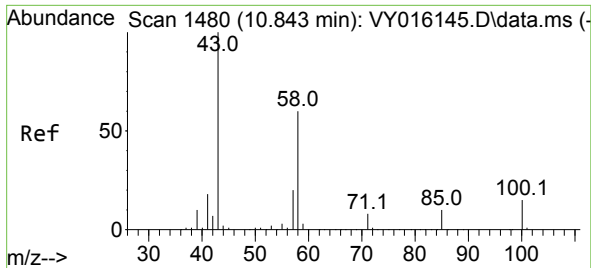
Tgt Ion: 63 Resp: 8607

Ion Ratio Lower Upper

63 100

106 31.1 21.2 31.8

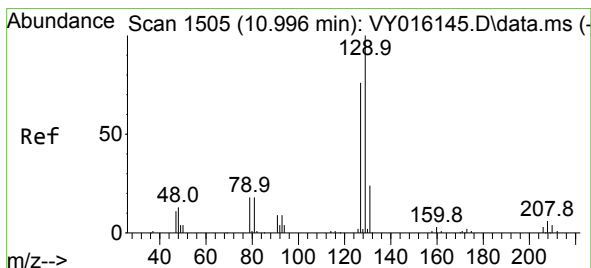
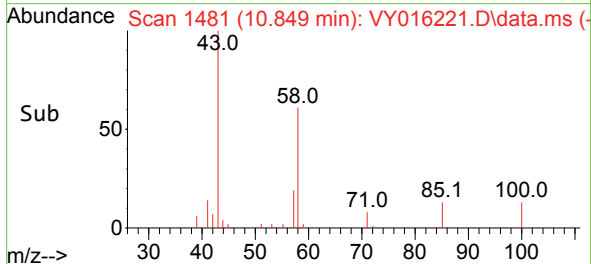
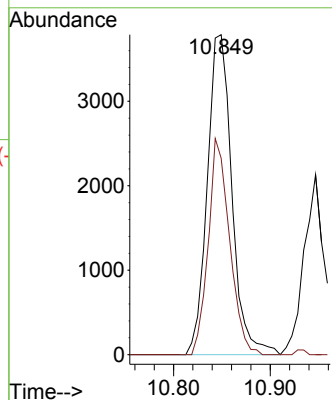
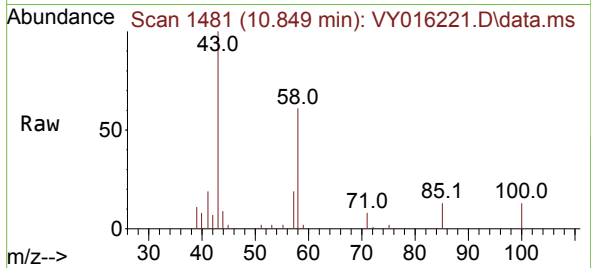




#59
2-Hexanone
Concen: 10.145 ug/l
RT: 10.849 min Scan# 1481
Delta R.T. 0.006 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

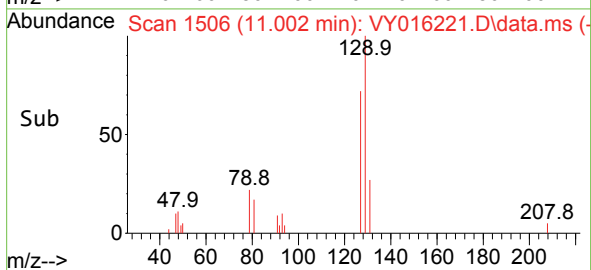
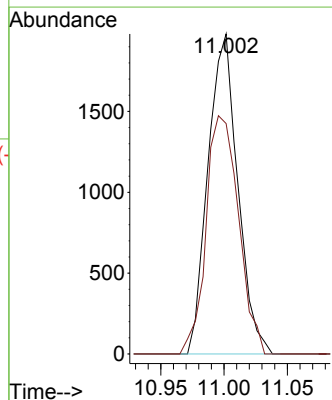
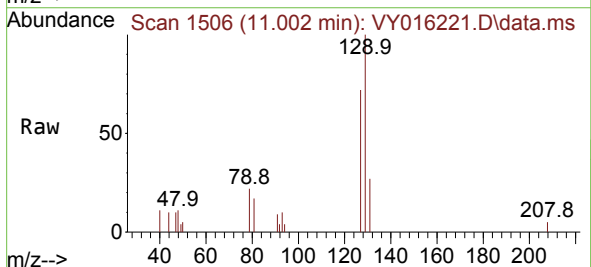
Instrument :
MSVOA_Y
ClientSampleId :

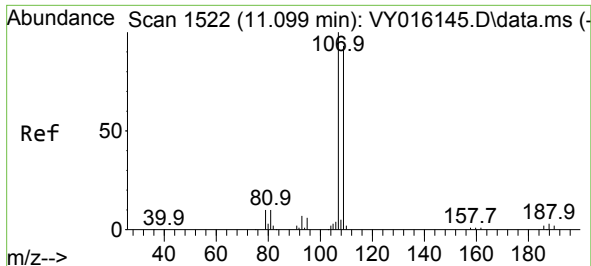
Tgt Ion: 43 Resp: 6705
Ion Ratio Lower Upper
43 100
58 58.6 25.1 75.3



#60
Dibromochloromethane
Concen: 2.133 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

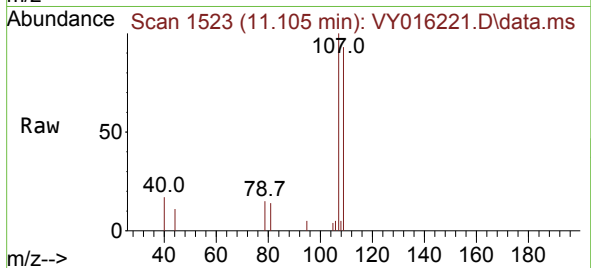
Tgt Ion: 129 Resp: 3236
Ion Ratio Lower Upper
129 100
127 81.3 38.5 115.5



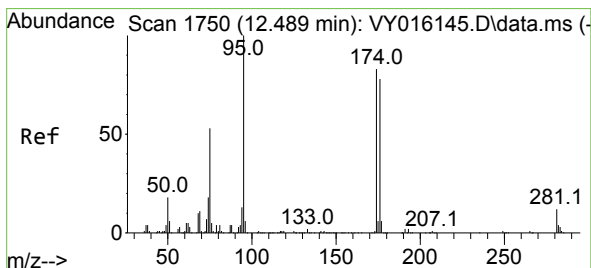
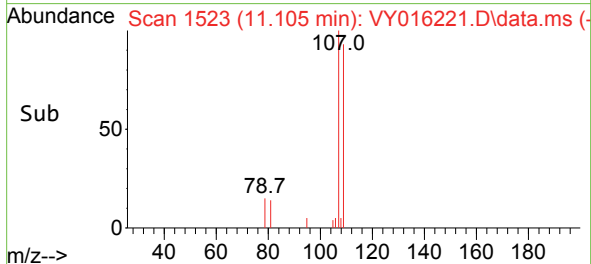
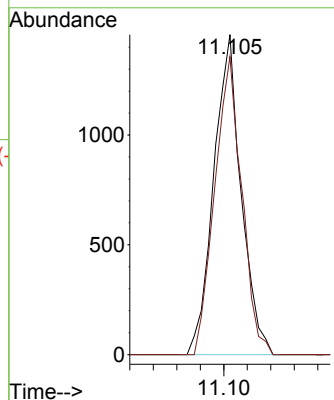


#61
1,2-Dibromoethane
Concen: 2.050 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Instrument :
MSVOA_Y
ClientSampleId :

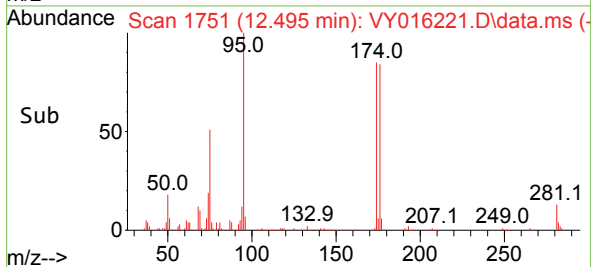
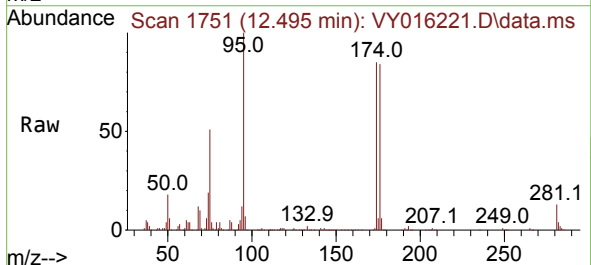
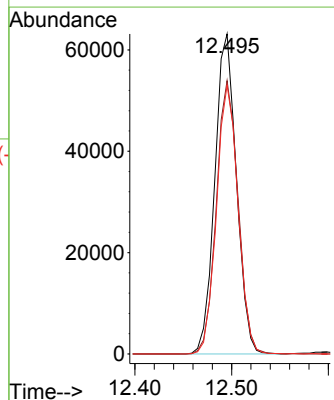


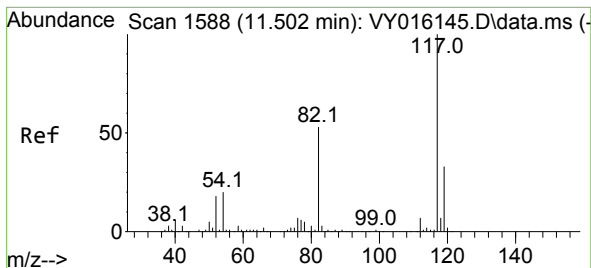
Tgt Ion:107 Resp: 2357
Ion Ratio Lower Upper
107 100
109 91.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.481 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Tgt Ion: 95 Resp: 97804
Ion Ratio Lower Upper
95 100
174 86.1 0.0 178.2
176 83.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

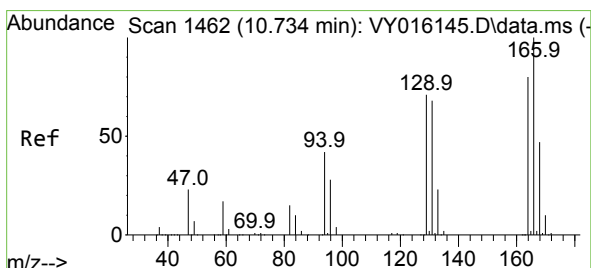
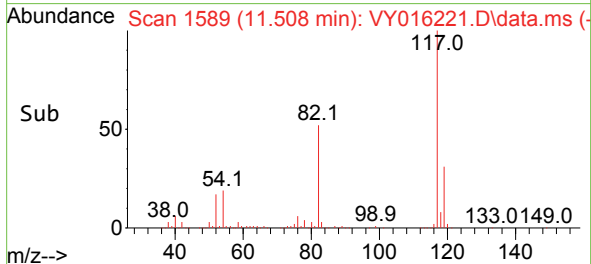
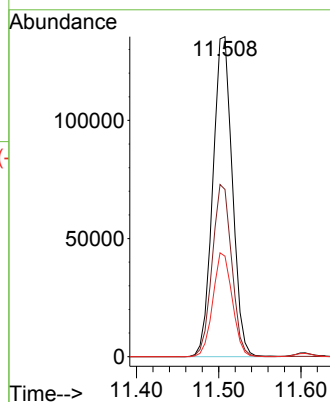
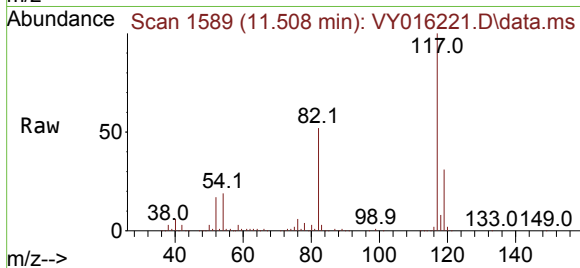
Tgt Ion:117 Resp: 223538

Ion Ratio Lower Upper

117 100

82 52.2 43.4 65.0

119 31.4 26.3 39.5



#64

Tetrachloroethene

Concen: 1.876 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. -0.000 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Tgt Ion:164 Resp: 3731

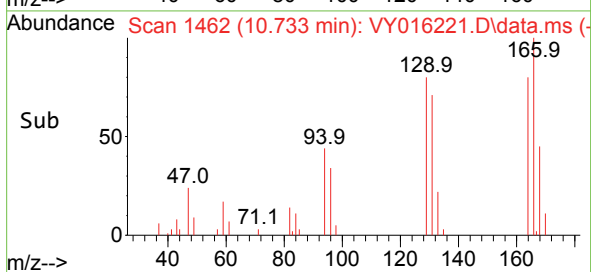
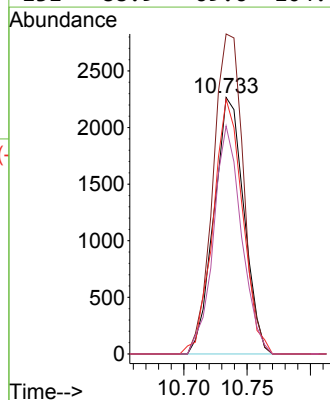
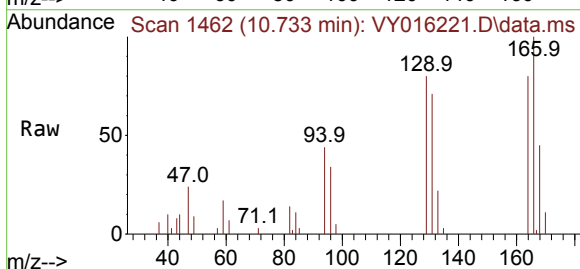
Ion Ratio Lower Upper

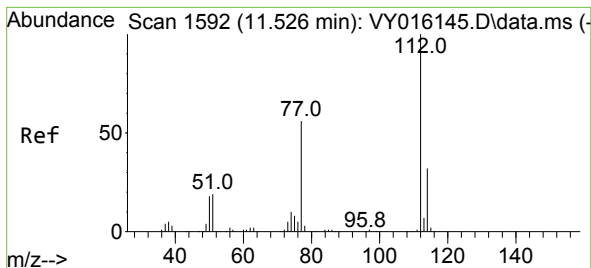
164 100

166 124.8 103.0 154.6

129 99.3 77.2 115.8

131 88.9 69.6 104.4





#65

Chlorobenzene

Concen: 2.029 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

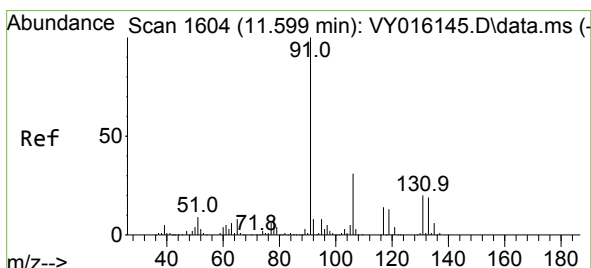
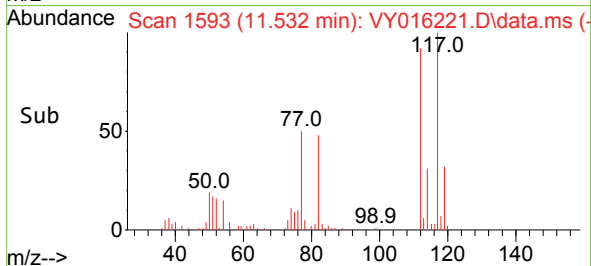
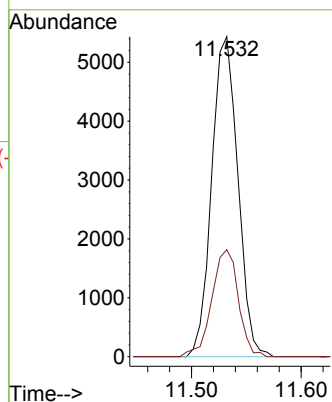
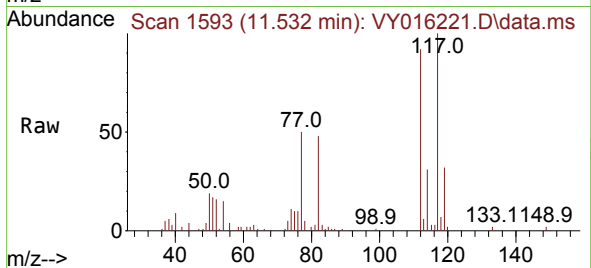
ClientSampleId :

Tgt Ion:112 Resp: 9011

Ion Ratio Lower Upper

112 100

114 33.4 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 2.018 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

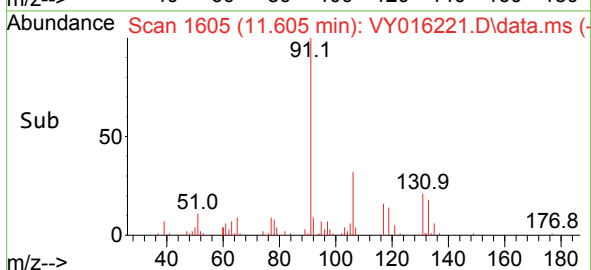
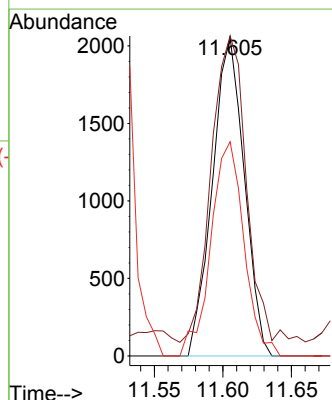
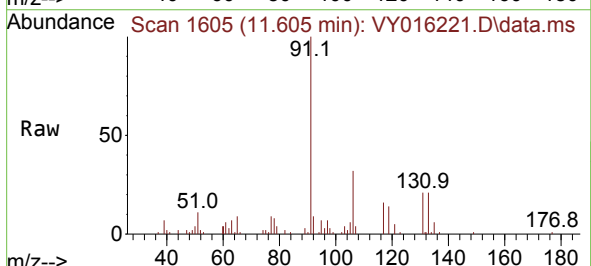
Tgt Ion:131 Resp: 3319

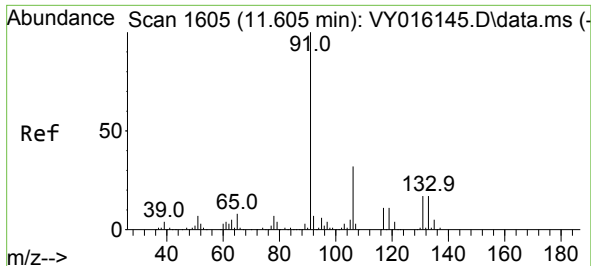
Ion Ratio Lower Upper

131 100

133 107.9 47.5 142.6

119 69.7 31.6 94.7





#67

Ethyl Benzene

Concen: 1.967 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. -0.000 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

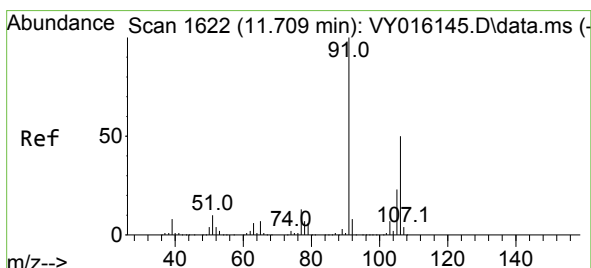
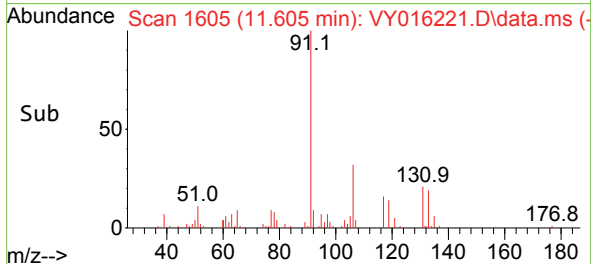
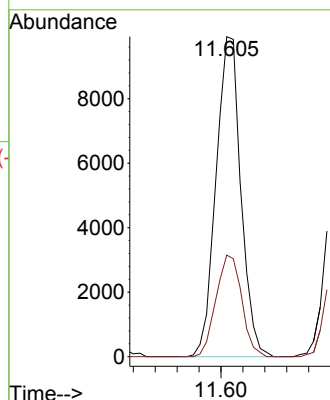
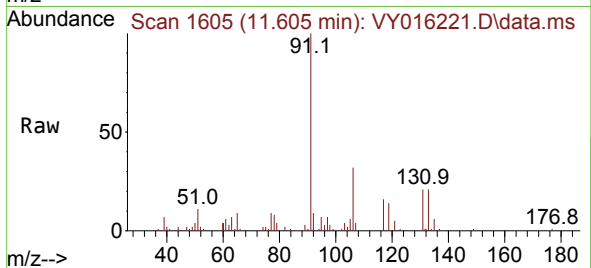
ClientSampleId :

Tgt Ion: 91 Resp: 15627

Ion Ratio Lower Upper

91 100

106 31.8 24.6 36.8



#68

m/p-Xylenes

Concen: 3.976 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016221.D

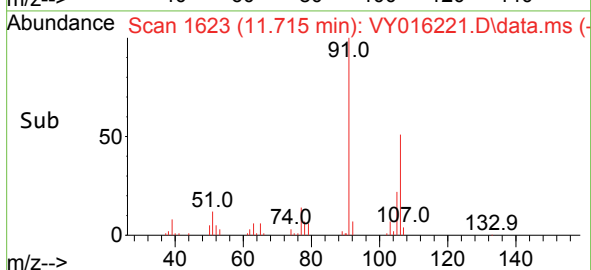
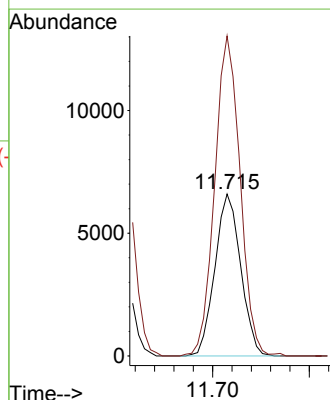
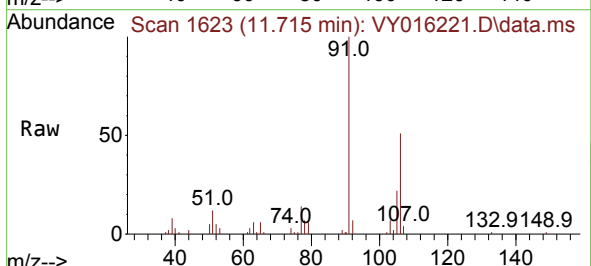
Acq: 03 Nov 2023 19:55

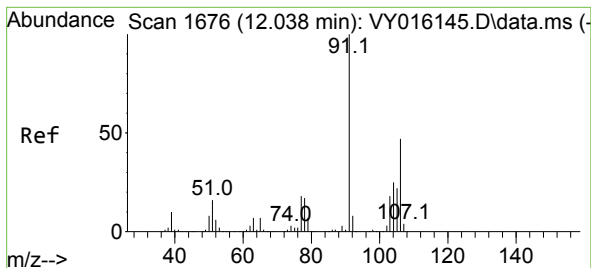
Tgt Ion:106 Resp: 12204

Ion Ratio Lower Upper

106 100

91 194.6 166.1 249.1





#69

o-Xylene

Concen: 1.894 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

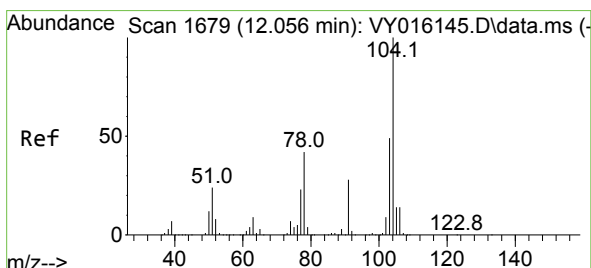
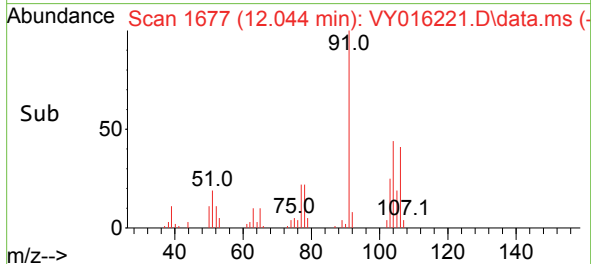
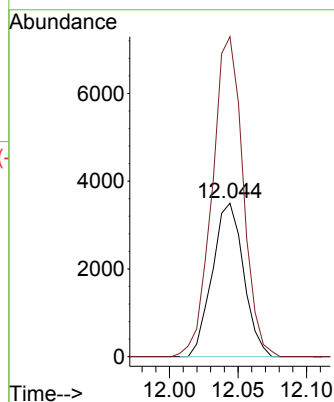
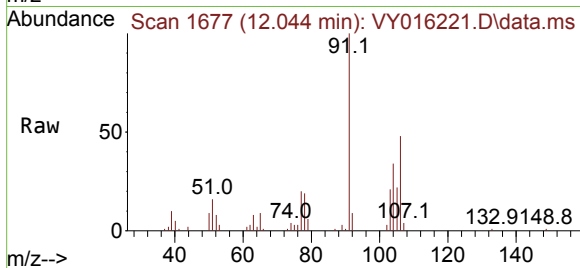
ClientSampleId :

Tgt Ion:106 Resp: 5552

Ion Ratio Lower Upper

106 100

91 205.7 108.1 324.3



#70

Styrene

Concen: 1.771 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

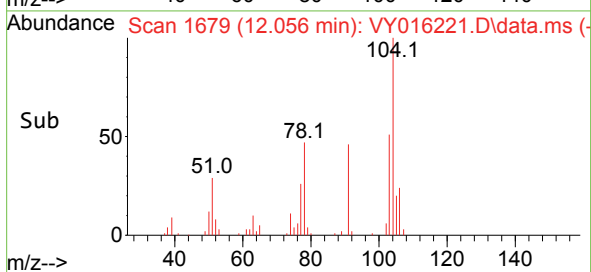
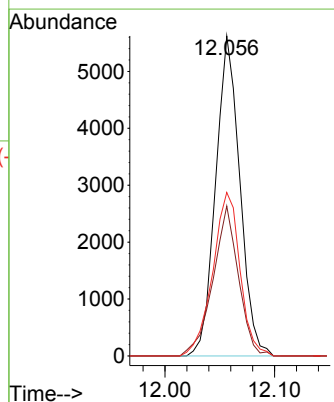
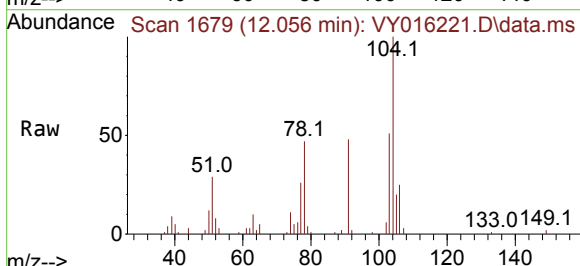
Tgt Ion:104 Resp: 8629

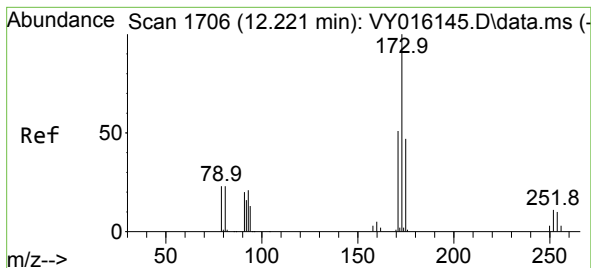
Ion Ratio Lower Upper

104 100

78 49.4 41.5 62.3

103 57.7 44.6 67.0





#71

Bromoform

Concen: 2.021 ug/l

RT: 12.221 min Scan# 11

Delta R.T. -0.000 min

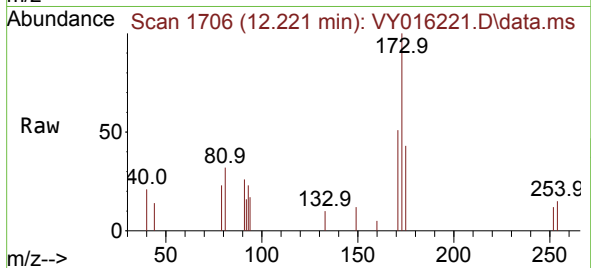
Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

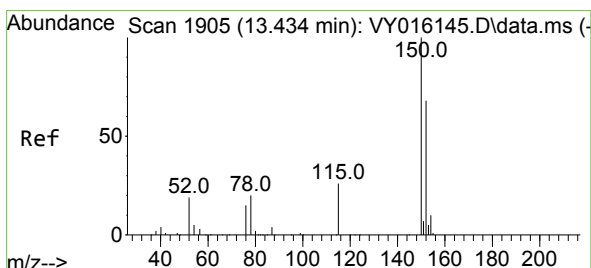
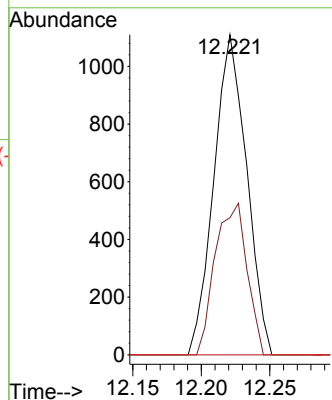
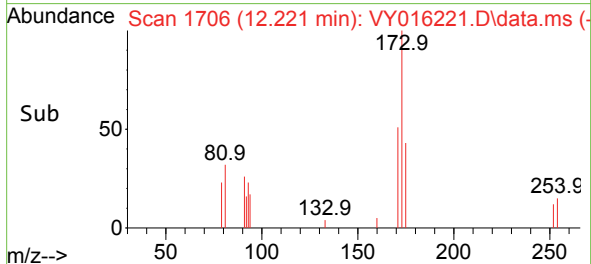
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	173	Resp:	1844
Ion Ratio	Lower	Upper	
173	100		
175	45.9	24.6	73.8
254	0.0	0.2	0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

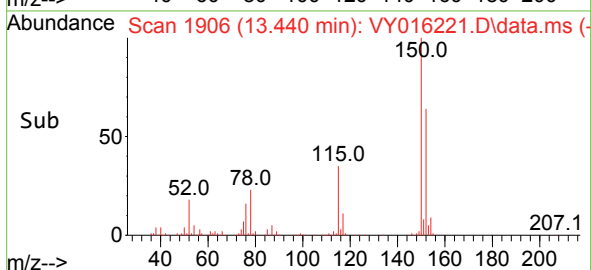
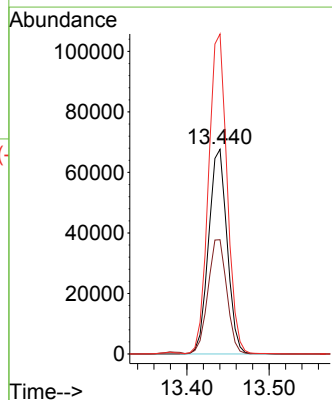
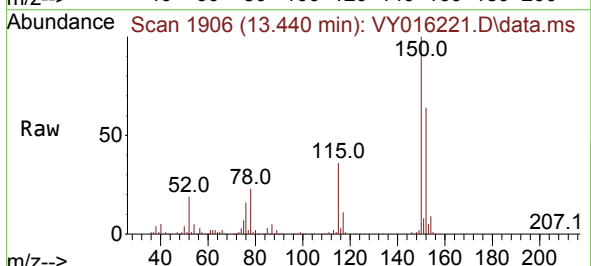
RT: 13.440 min Scan# 1906

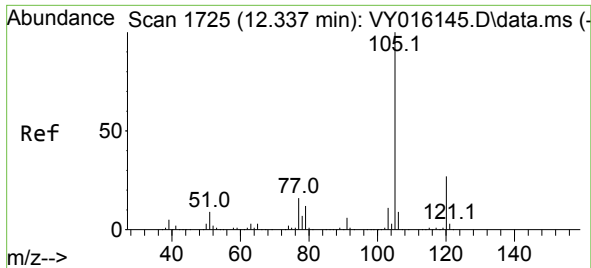
Delta R.T. 0.006 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Tgt Ion:	152	Resp:	105767
Ion Ratio	Lower	Upper	
152	100		
115	56.6	28.8	86.5
150	157.0	0.0	348.8

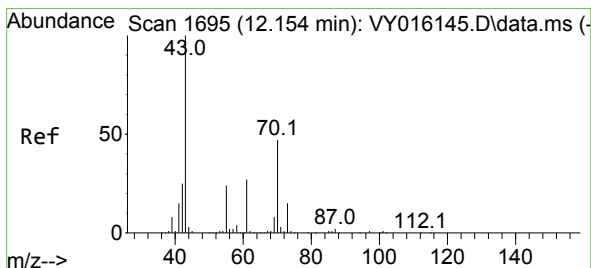
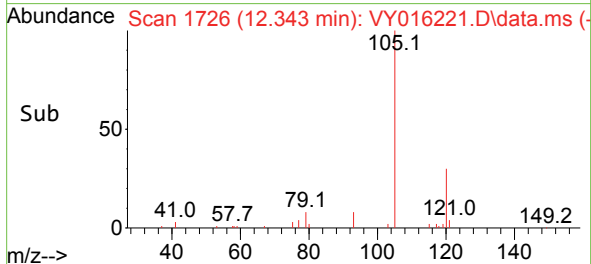
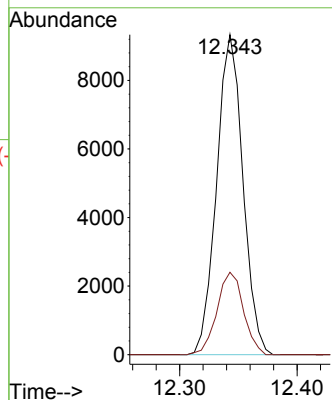
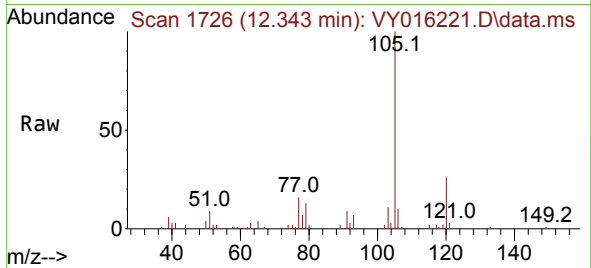




#73
Isopropylbenzene
Concen: 1.830 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

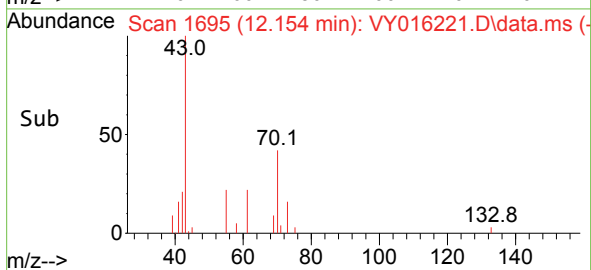
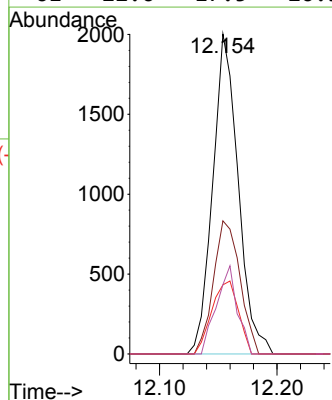
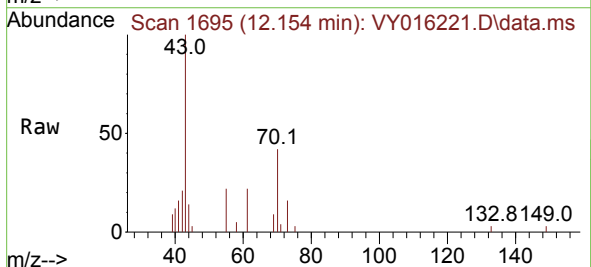
Instrument :
MSVOA_Y
ClientSampleId :

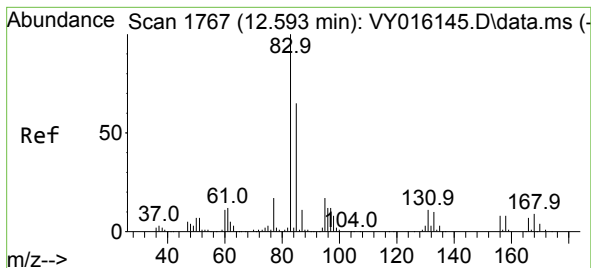
Tgt Ion:105 Resp: 14517
Ion Ratio Lower Upper
105 100
120 25.9 13.3 39.9



#74
N-ethyl acetate
Concen: 1.750 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Tgt Ion: 43 Resp: 3018
Ion Ratio Lower Upper
43 100
70 43.3 29.7 44.5
55 23.7 18.3 27.5
61 22.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 2.090 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

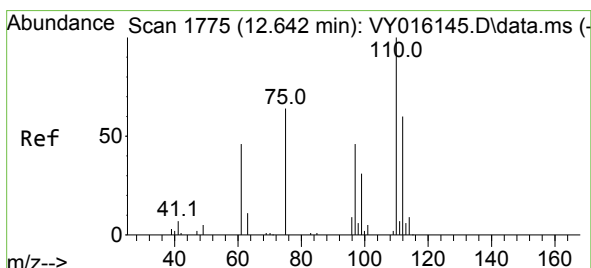
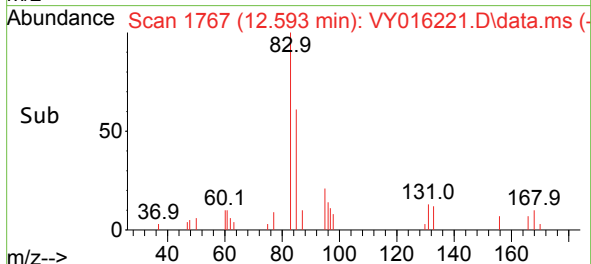
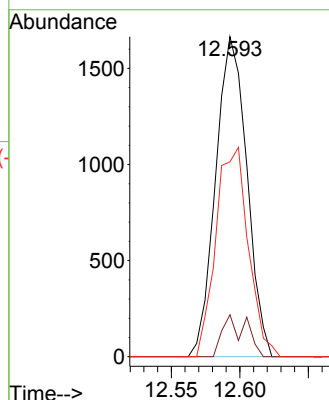
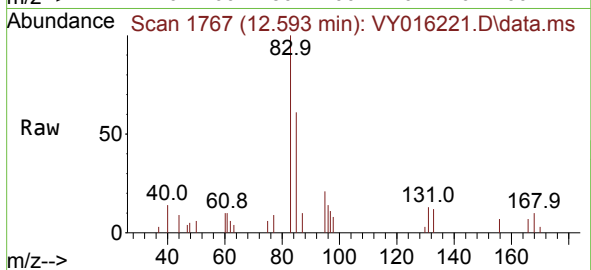
Tgt Ion: 83 Resp: 2639

Ion Ratio Lower Upper

83 100

131 9.8 5.4 16.2

85 67.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 3.524 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016221.D

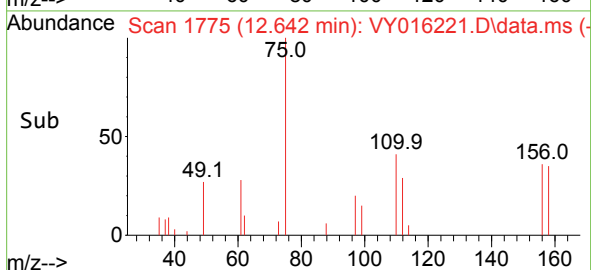
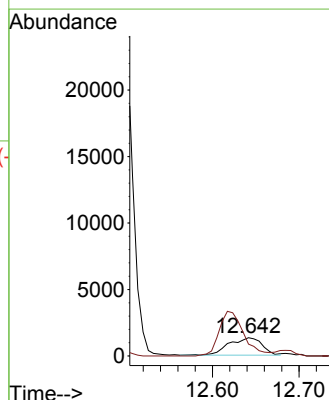
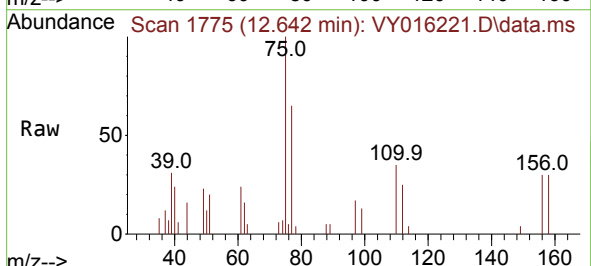
Acq: 03 Nov 2023 19:55

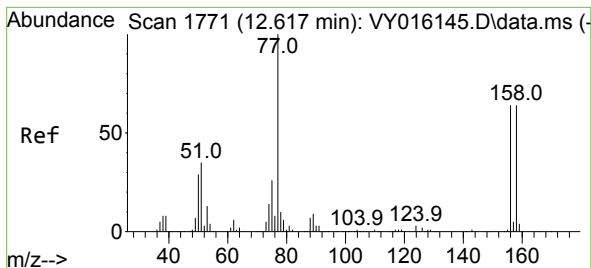
Tgt Ion: 75 Resp: 3510

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.070 ug/l

RT: 12.623 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

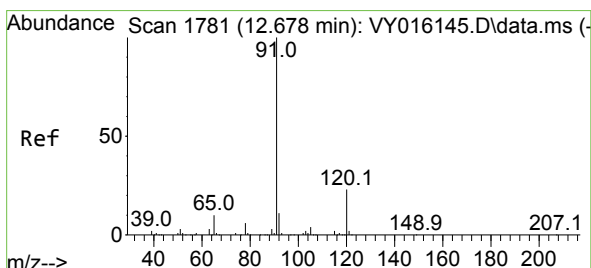
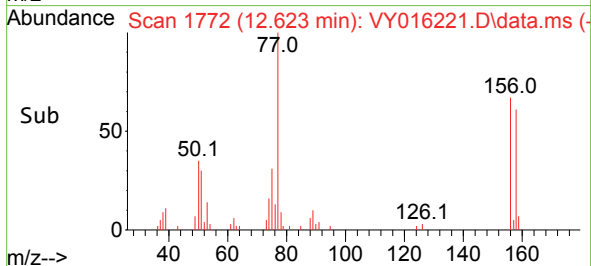
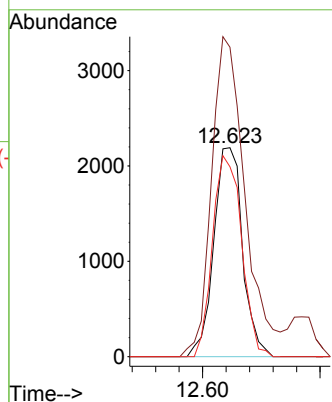
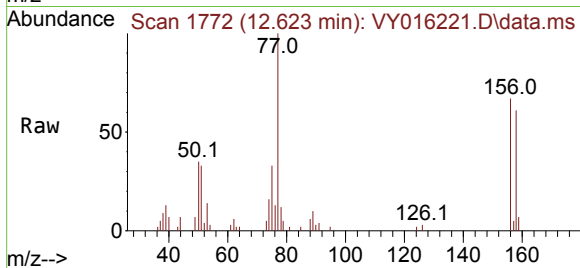
Tgt Ion:156 Resp: 3718

Ion Ratio Lower Upper

156 100

77 178.3 92.8 278.6

158 97.2 48.4 145.3



#78

n-propylbenzene

Concen: 1.898 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016221.D

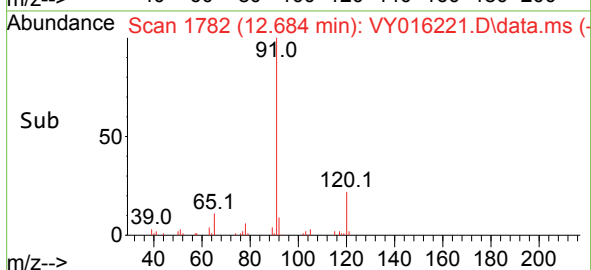
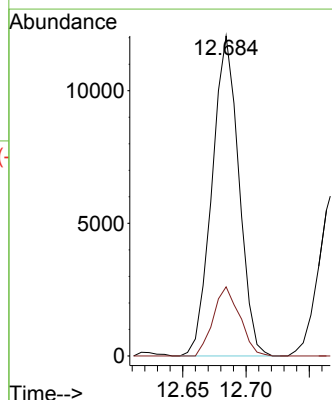
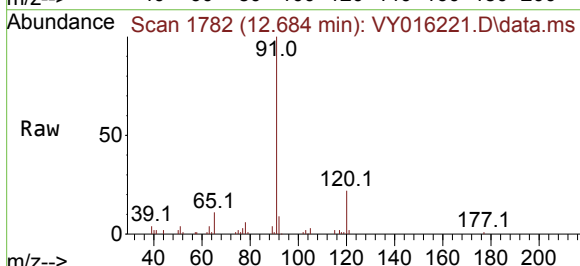
Acq: 03 Nov 2023 19:55

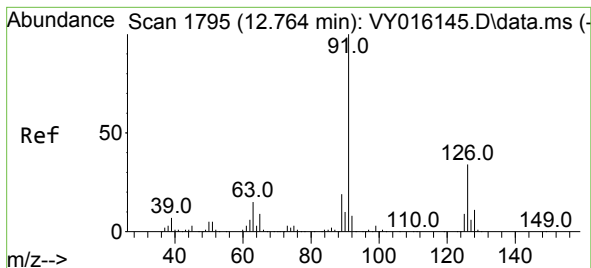
Tgt Ion: 91 Resp: 17801

Ion Ratio Lower Upper

91 100

120 21.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 1.962 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

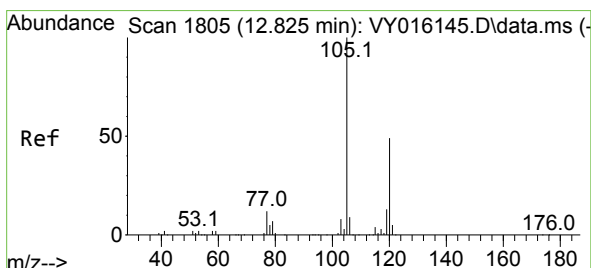
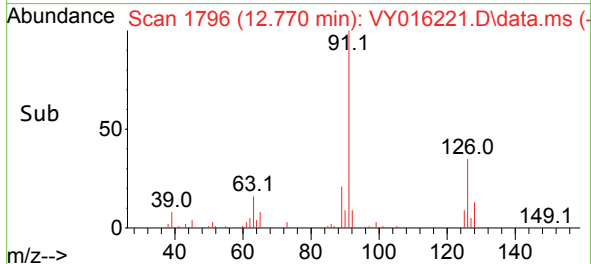
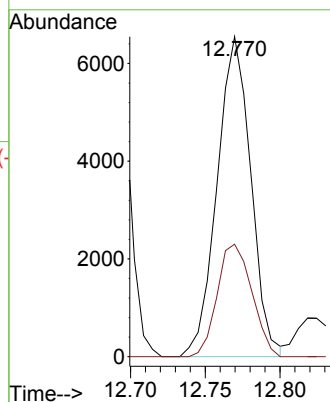
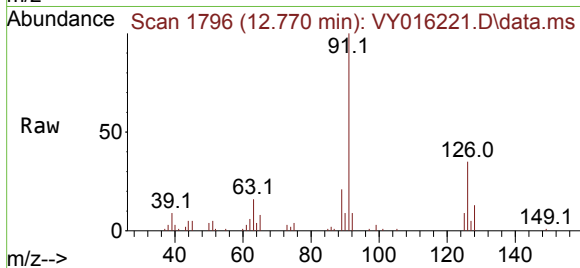
ClientSampleId :

Tgt Ion: 91 Resp: 10264

Ion Ratio Lower Upper

91 100

126 36.0 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 1.874 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VY016221.D

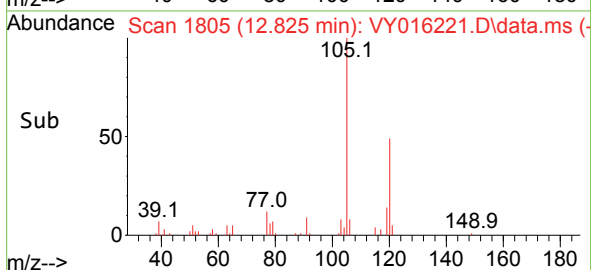
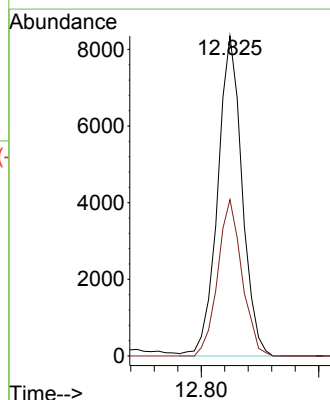
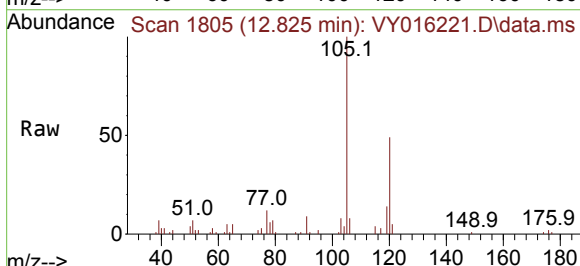
Acq: 03 Nov 2023 19:55

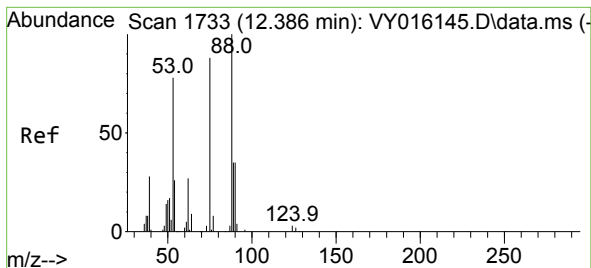
Tgt Ion: 105 Resp: 12047

Ion Ratio Lower Upper

105 100

120 48.4 23.9 71.7

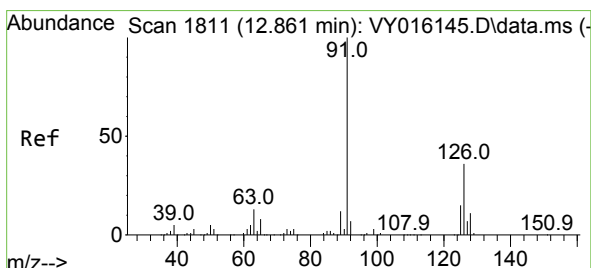
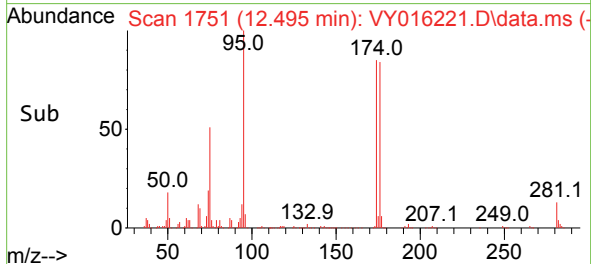
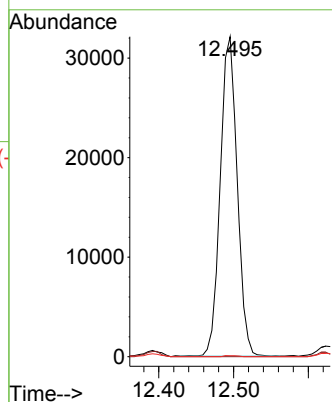
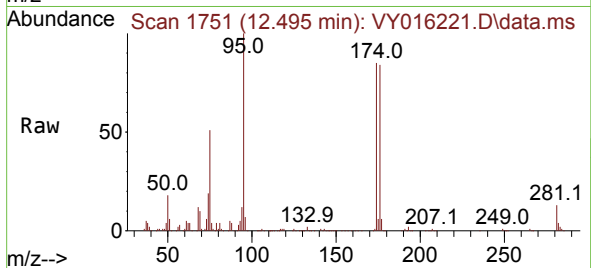




#81
trans-1,4-Dichloro-2-butene
Concen: 110.275 ug/l
RT: 12.495 min Scan# 1733
Delta R.T. 0.110 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

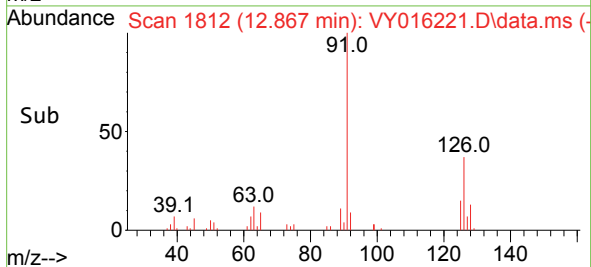
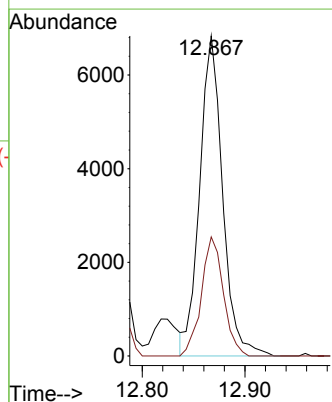
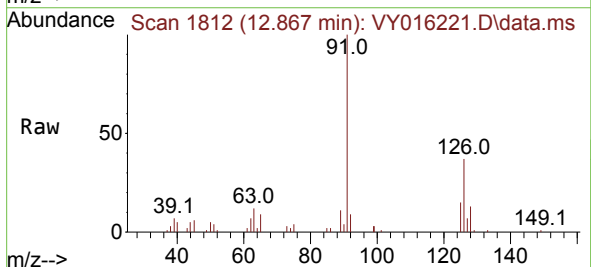
Instrument :
MSVOA_Y
ClientSampleId :

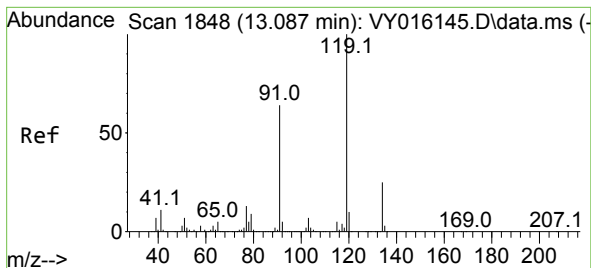
Tgt Ion: 75 Resp: 50657
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.3 37.4 56.0#



#82
4-Chlorotoluene
Concen: 1.970 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Tgt Ion: 91 Resp: 10583
Ion Ratio Lower Upper
91 100
126 35.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 1.904 ug/l

RT: 13.087 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016221.D

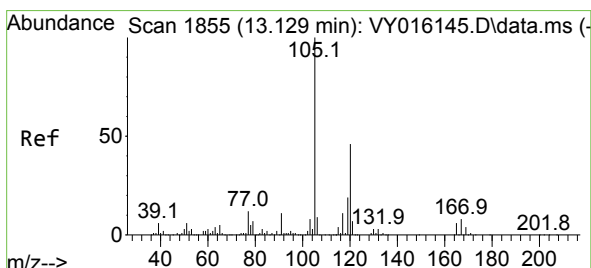
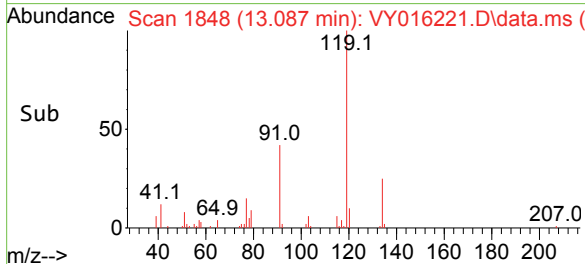
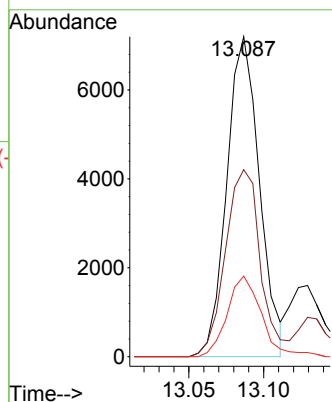
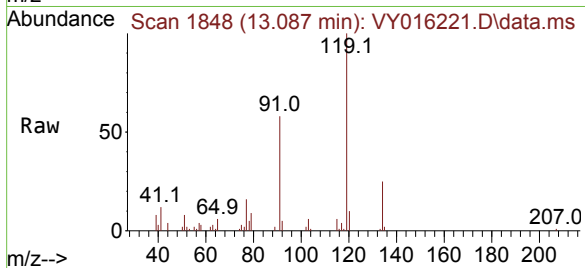
Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:119	Resp:	10949
Ion Ratio	Lower	Upper
119	100	
91	63.1	32.9 98.6
134	26.5	13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 1.897 ug/l

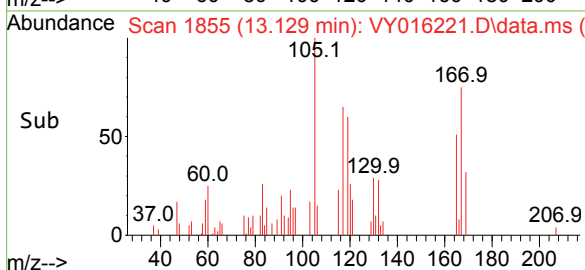
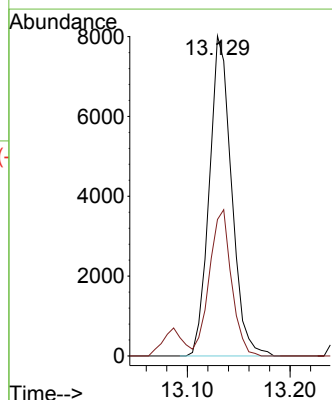
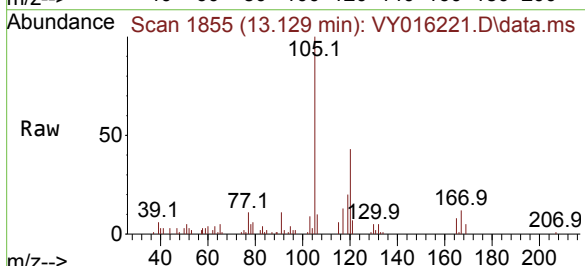
RT: 13.129 min Scan# 1855

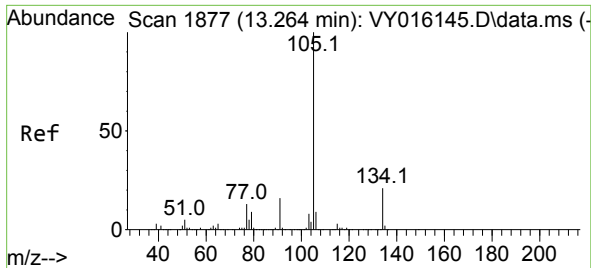
Delta R.T. -0.000 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Tgt Ion:105	Resp:	12064
Ion Ratio	Lower	Upper
105	100	
120	45.2	22.2 66.6

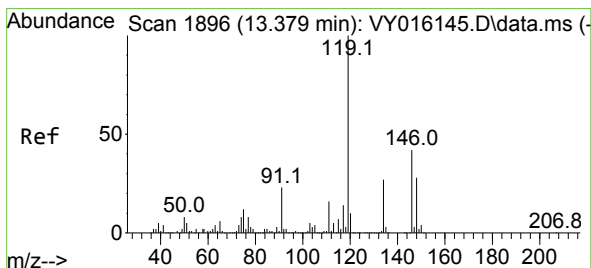
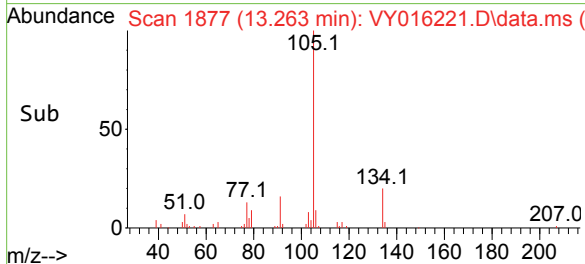
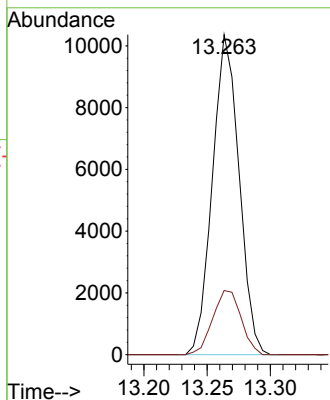
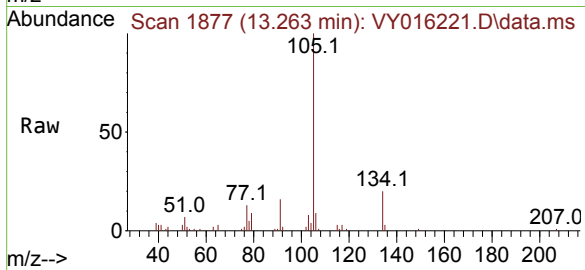




#85
 sec-Butylbenzene
 Concen: 1.798 ug/l
 RT: 13.263 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY016221.D
 Acq: 03 Nov 2023 19:55

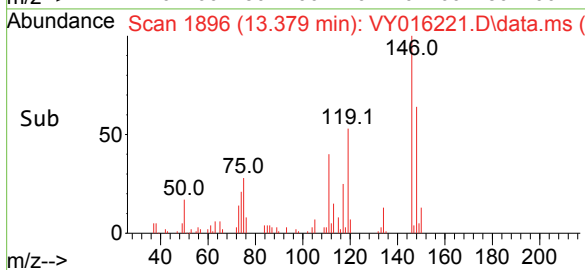
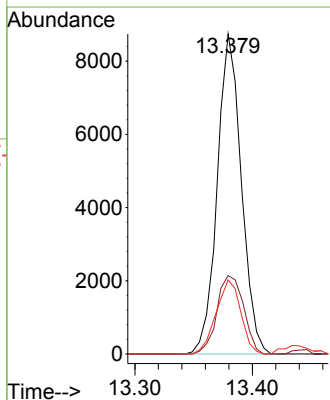
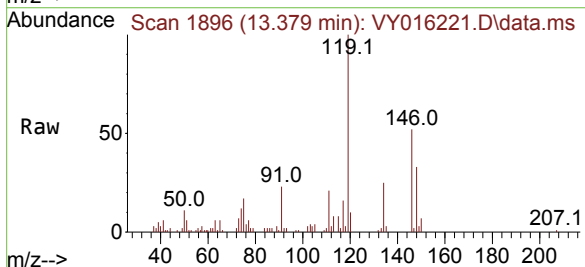
Instrument :
 MSVOA_Y
 ClientSampleId :

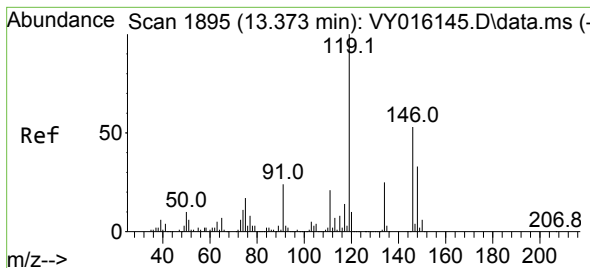
Tgt Ion:105 Resp: 15179
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 1.783 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. -0.000 min
 Lab File: VY016221.D
 Acq: 03 Nov 2023 19:55

Tgt Ion:119 Resp: 12475
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 23.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 2.069 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

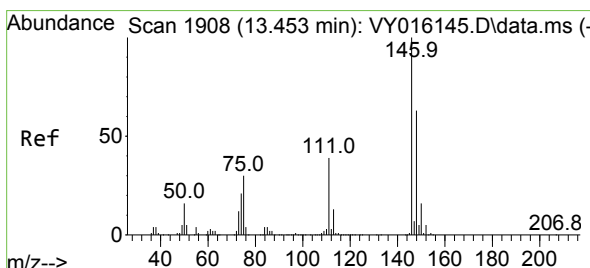
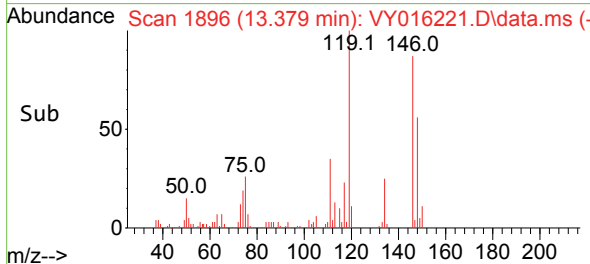
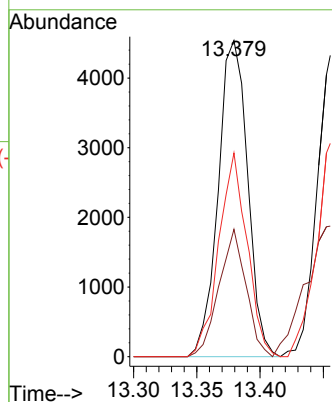
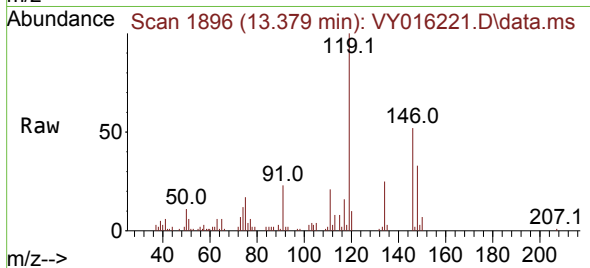
Tgt Ion:146 Resp: 7351

Ion Ratio Lower Upper

146 100

111 37.0 19.4 58.2

148 62.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 2.126 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

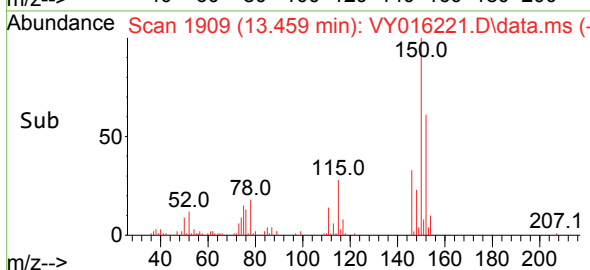
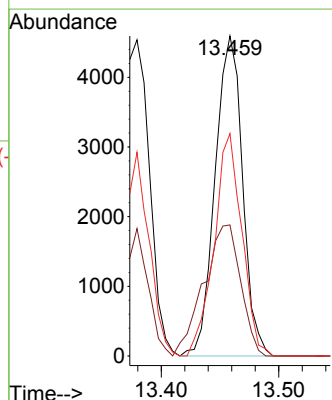
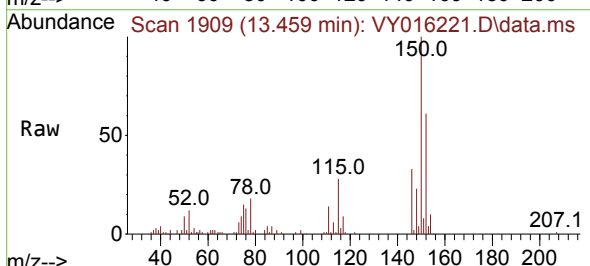
Tgt Ion:146 Resp: 7464

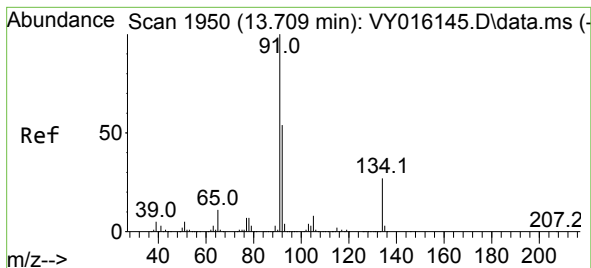
Ion Ratio Lower Upper

146 100

111 55.0 18.9 56.7

148 70.4 32.1 96.5





#89

n-Butylbenzene

Concen: 1.809 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VY016221.D

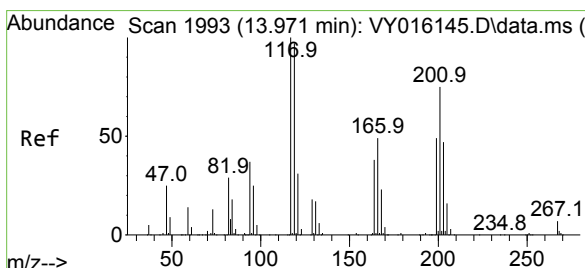
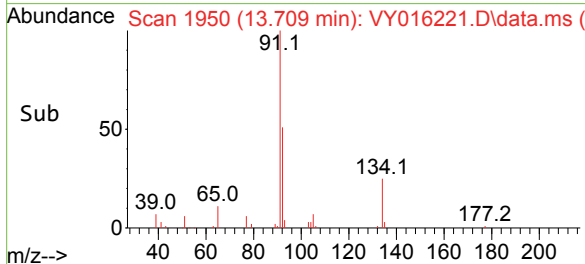
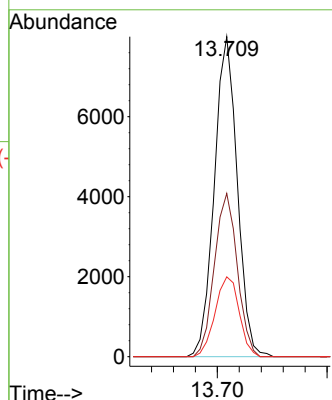
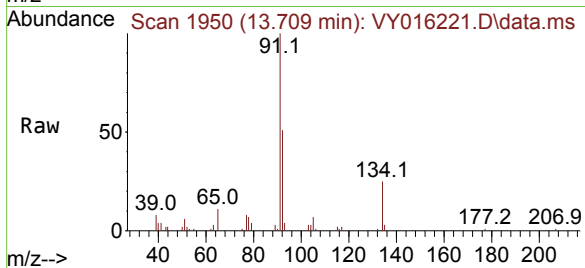
Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp: 11630
Ion Ratio	Lower Upper
91	100
92	50.9 25.4 76.0
134	26.2 12.6 37.6



#90

Hexachloroethane

Concen: 2.030 ug/l

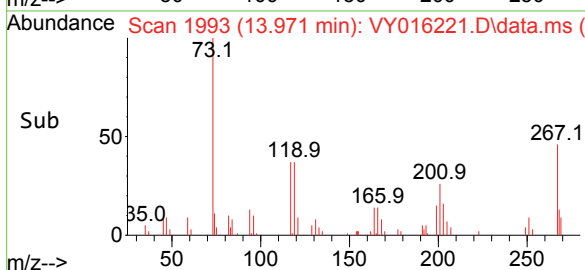
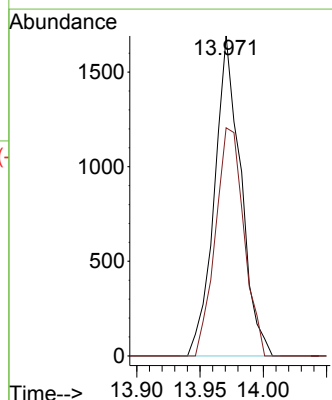
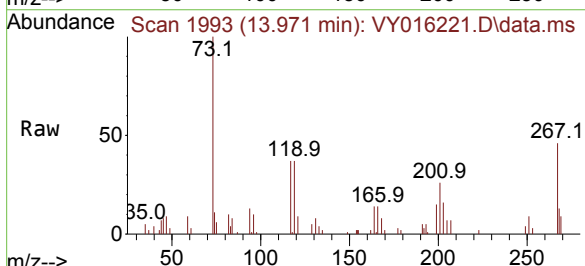
RT: 13.971 min Scan# 1993

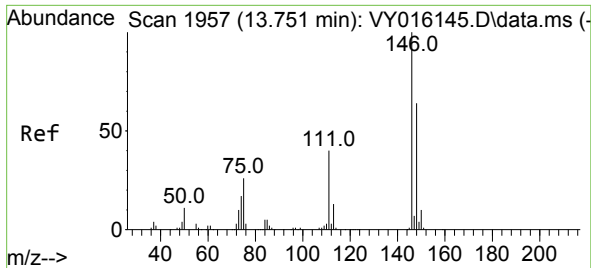
Delta R.T. -0.000 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Tgt Ion: 117	Resp: 2448
Ion Ratio	Lower Upper
117	100
201	76.9 41.6 124.8

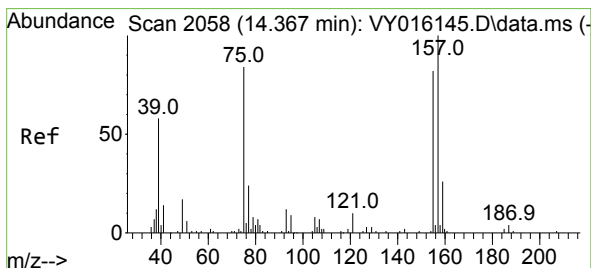
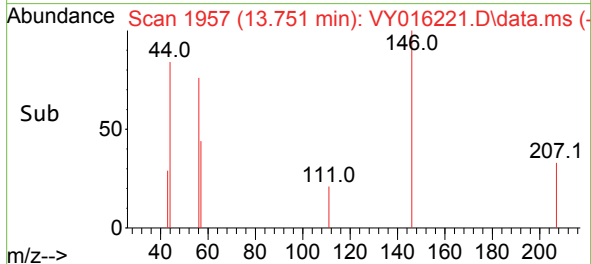
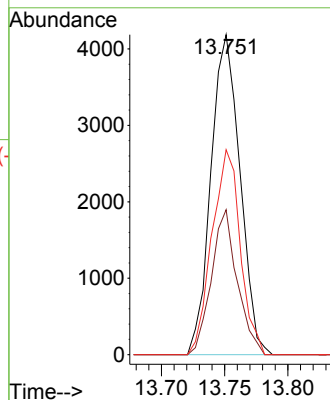
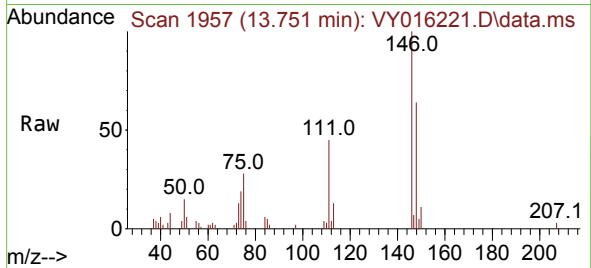




#91
1,2-Dichlorobenzene
Concen: 2.176 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

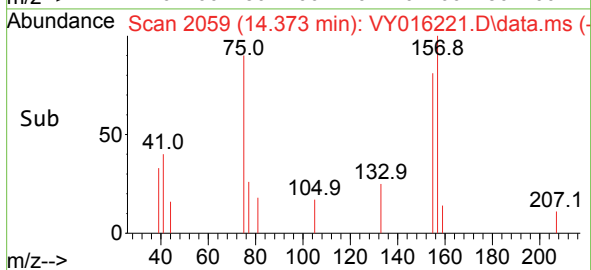
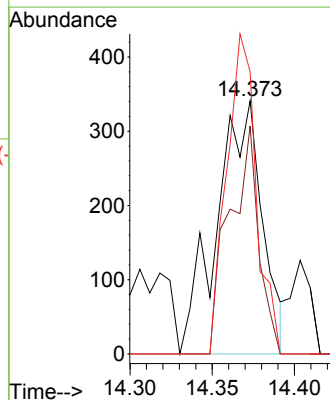
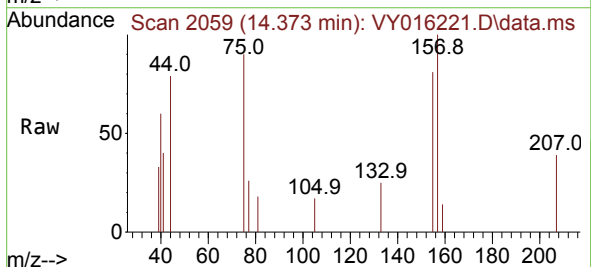
Instrument :
MSVOA_Y
ClientSampleId :

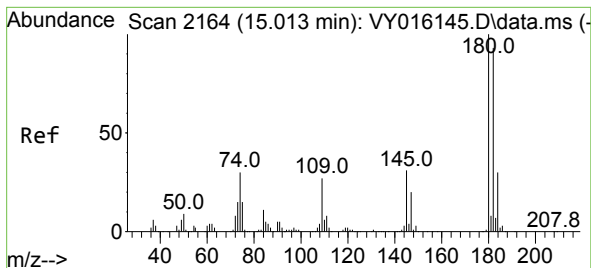
Tgt Ion:146 Resp: 6680
Ion Ratio Lower Upper
146 100
111 40.4 19.7 59.0
148 62.4 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.930 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016221.D
Acq: 03 Nov 2023 19:55

Tgt Ion: 75 Resp: 662
Ion Ratio Lower Upper
75 100
155 57.3 41.5 124.6
157 81.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 2.046 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

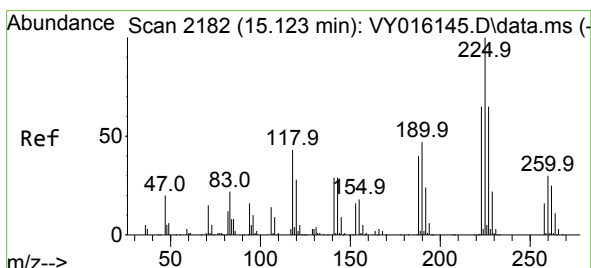
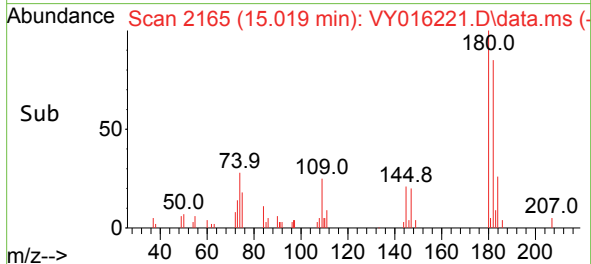
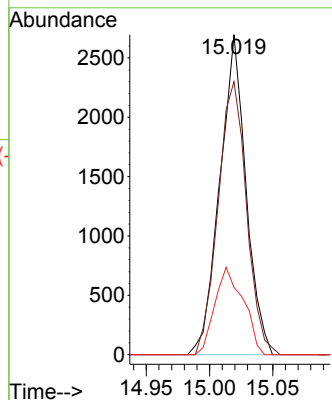
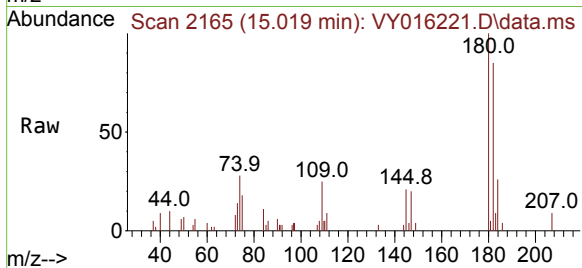
Tgt Ion:180 Resp: 3877

Ion Ratio Lower Upper

180 100

182 92.7 47.0 141.2

145 29.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 2.207 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

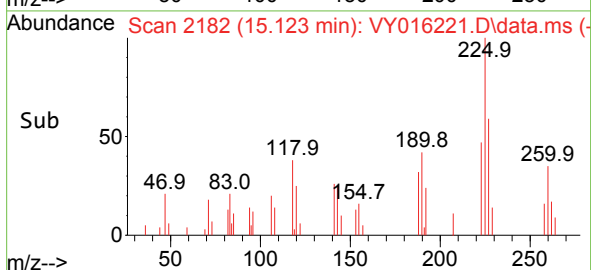
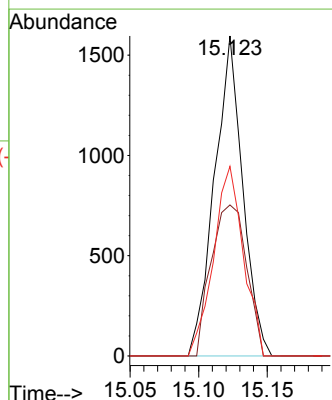
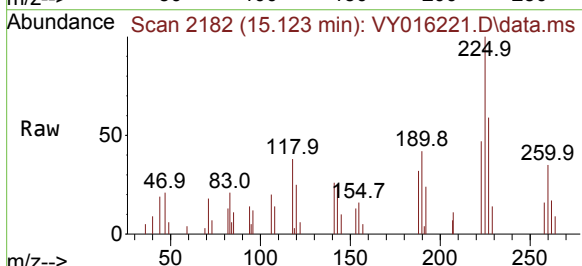
Tgt Ion:225 Resp: 2285

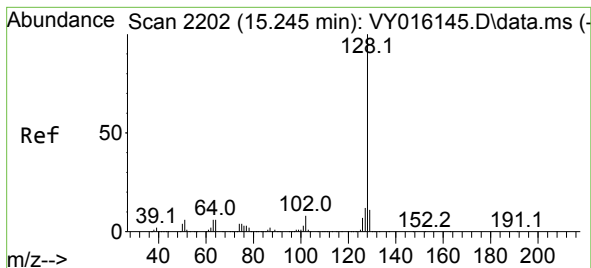
Ion Ratio Lower Upper

225 100

223 59.4 31.9 95.9

227 62.6 33.0 98.9





#95

Naphthalene

Concen: 2.064 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016221.D

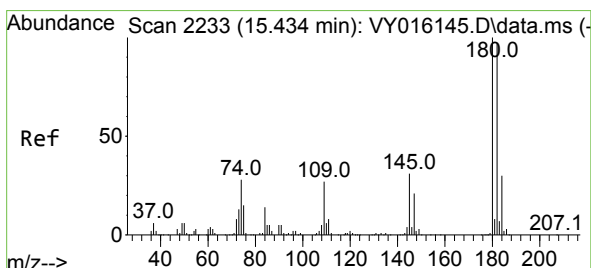
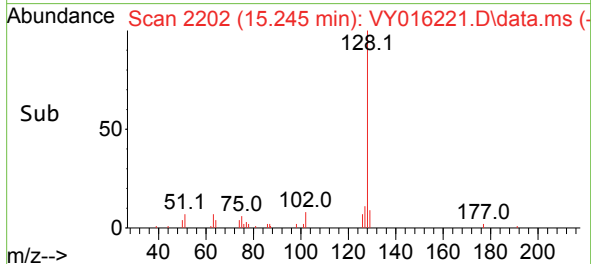
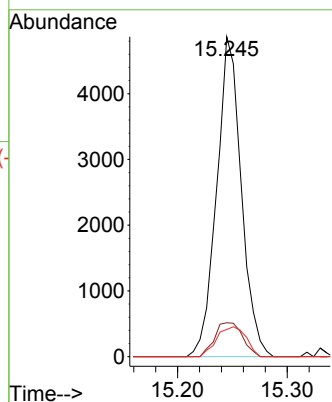
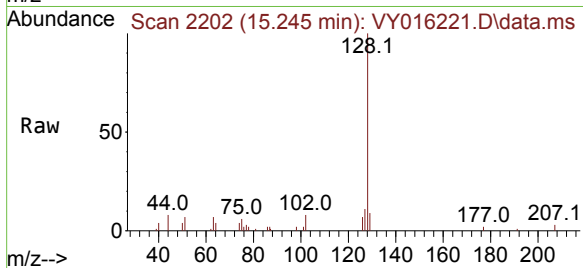
Acq: 03 Nov 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	7598
Ion	Ratio	Lower Upper
128	100	
127	12.1	10.8 16.2
129	11.1	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 2.105 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016221.D

Acq: 03 Nov 2023 19:55

Tgt Ion:180	Resp:	3407
Ion	Ratio	Lower Upper
180	100	
182	99.2	47.3 141.8
145	32.6	15.4 46.2

