

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016081.D
 Acq On : 26 Oct 2023 15:53
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 04:18:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	212557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	336986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	303320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	151484	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111017	52.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.060%	
35) Dibromofluoromethane	7.716	113	112834	53.039	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.080%	
50) Toluene-d8	10.178	98	424997	53.933	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.860%	
62) 4-Bromofluorobenzene	12.477	95	147040	54.397	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	76028	51.827	ug/l	99
3) Chloromethane	2.113	50	91848	51.096	ug/l	97
4) Vinyl Chloride	2.247	62	106901	52.057	ug/l	97
5) Bromomethane	2.643	94	77574	50.822	ug/l	99
6) Chloroethane	2.790	64	71342	50.719	ug/l	97
7) Trichlorofluoromethane	3.119	101	166729	50.735	ug/l	99
8) Diethyl Ether	3.521	74	56751	51.523	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	100013	50.449	ug/l	96
10) Methyl Iodide	4.088	142	131529	51.924	ug/l	97
11) Tert butyl alcohol	4.948	59	55824	244.990	ug/l #	86
12) 1,1-Dichloroethene	3.869	96	91800	50.542	ug/l	92
13) Acrolein	3.722	56	63990	243.080	ug/l	97
14) Allyl chloride	4.472	41	147443	51.930	ug/l #	92
15) Acrylonitrile	5.155	53	143200	265.017	ug/l	98
16) Acetone	3.942	43	144550	252.322	ug/l	90
17) Carbon Disulfide	4.186	76	255630	50.880	ug/l	100
18) Methyl Acetate	4.472	43	108609	53.621	ug/l	91
19) Methyl tert-butyl Ether	5.210	73	276946	53.467	ug/l	99
20) Methylene Chloride	4.710	84	121391	55.011	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	107116	50.876	ug/l	96
22) Diisopropyl ether	6.112	45	326481	52.586	ug/l	92
23) Vinyl Acetate	6.051	43	893388	268.572	ug/l #	93
24) 1,1-Dichloroethane	6.008	63	191286	51.140	ug/l	97
25) 2-Butanone	6.978	43	199671	258.243	ug/l	94
26) 2,2-Dichloropropane	6.978	77	176021	50.622	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	127769	51.674	ug/l	93
28) Bromochloromethane	7.325	49	81198	53.063	ug/l	93
29) Tetrahydrofuran	7.344	42	120105	270.734	ug/l	91
30) Chloroform	7.502	83	203027	51.383	ug/l	97
31) Cyclohexane	7.783	56	165361	49.731	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	181649	51.253	ug/l	98
36) 1,1-Dichloropropene	7.917	75	152807	51.530	ug/l	98
37) Ethyl Acetate	7.069	43	81707	53.756	ug/l #	94
38) Carbon Tetrachloride	7.898	117	164965	52.605	ug/l	100
39) Methylcyclohexane	9.179	83	189353	52.415	ug/l	93
40) Benzene	8.161	78	440531	52.471	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	110761	139.240	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	128557	52.993	ug/l	93
43) Isopropyl Acetate	8.270	43	154848	54.487	ug/l	93
44) Trichloroethene	8.935	130	122129	52.095	ug/l	97
45) 1,2-Dichloropropane	9.215	63	112998	53.178	ug/l	95
46) Dibromomethane	9.301	93	66239	53.164	ug/l	96
47) Bromodichloromethane	9.490	83	159918	53.072	ug/l	98
48) Methyl methacrylate	9.288	41	72559	55.419	ug/l	86
49) 1,4-Dioxane	9.294	88	17047	1093.582	ug/l #	58
51) 4-Methyl-2-Pentanone	10.069	43	413646	275.842	ug/l	91
52) Toluene	10.239	92	286905	53.217	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	166650	54.085	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	187913	53.927	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	93684	52.922	ug/l	96
56) Ethyl methacrylate	10.508	69	129744	57.029	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	158441	53.542	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	283395	250.219	ug/l	94
59) 2-Hexanone	10.831	43	302222	273.594	ug/l	89
60) Dibromochloromethane	10.983	129	114984	53.042	ug/l	100
61) 1,2-Dibromoethane	11.087	107	91463	53.957	ug/l	98
64) Tetrachloroethene	10.715	164	103009	51.319	ug/l	98
65) Chlorobenzene	11.514	112	312259	52.386	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	117893	52.961	ug/l	98
67) Ethyl Benzene	11.593	91	558420	52.744	ug/l	98
68) m/p-Xylenes	11.703	106	432382	105.530	ug/l	95
69) o-Xylene	12.026	106	207402	52.875	ug/l	97
70) Styrene	12.044	104	349543	53.459	ug/l	97
71) Bromoform	12.209	173	72989	53.828	ug/l #	99
73) Isopropylbenzene	12.324	105	554613	52.023	ug/l	100
74) N-amyl acetate	12.142	43	142706	54.897	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.580	83	115204	52.864	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	143155	92.562	ug/l #	100
77) Bromobenzene	12.605	156	129865	52.195	ug/l	98
78) n-propylbenzene	12.672	91	668557	51.793	ug/l	99
79) 2-Chlorotoluene	12.751	91	375476	51.937	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	464542	52.483	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	38852	54.591	ug/l	91
82) 4-Chlorotoluene	12.855	91	387783	51.723	ug/l	100
83) tert-Butylbenzene	13.074	119	417178	53.024	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	461725	52.818	ug/l	98
85) sec-Butylbenzene	13.251	105	615831	52.553	ug/l	100
86) p-Isopropyltoluene	13.367	119	514038	52.571	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	261988	52.147	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	258295	52.020	ug/l	99
89) n-Butylbenzene	13.696	91	490157	53.738	ug/l	97
90) Hexachloroethane	13.958	117	98396	51.687	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	234231	52.657	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18601	54.368	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	149694	54.396	ug/l	99
94) Hexachlorobutadiene	15.111	225	85142	53.307	ug/l	98
95) Naphthalene	15.232	128	308498	57.481	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	130705	55.076	ug/l	98

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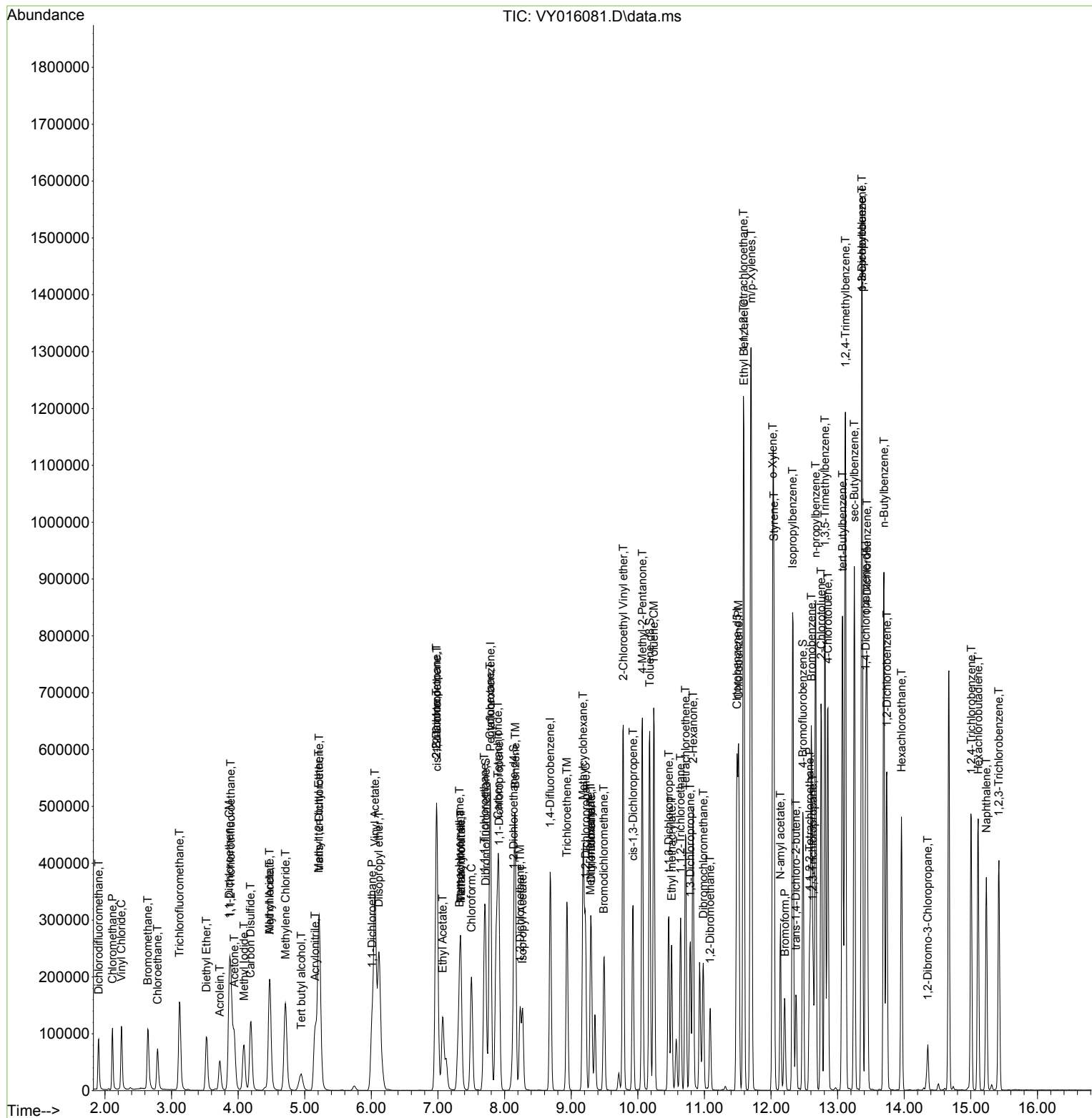
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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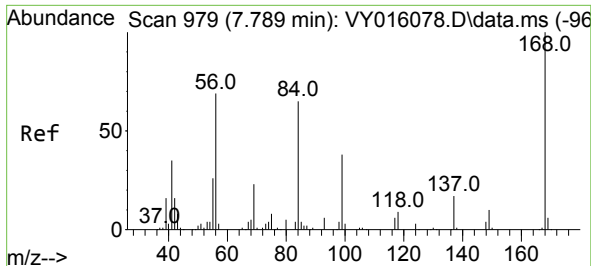
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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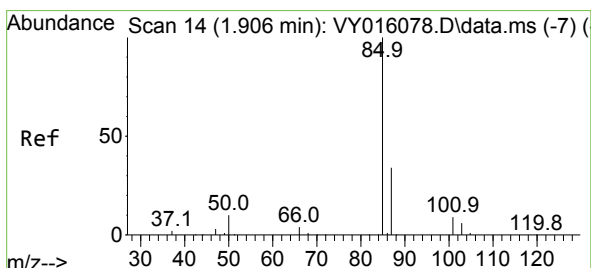
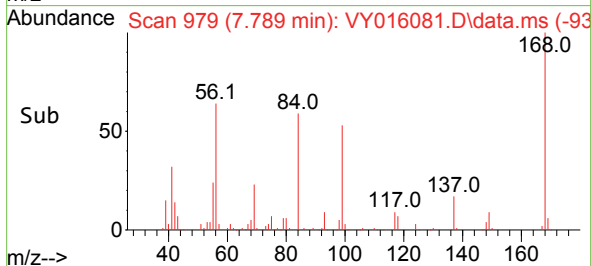
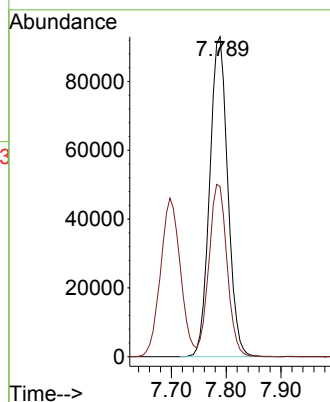
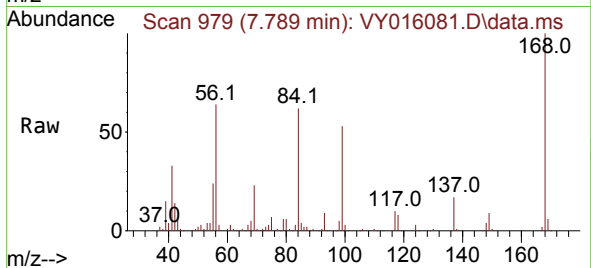




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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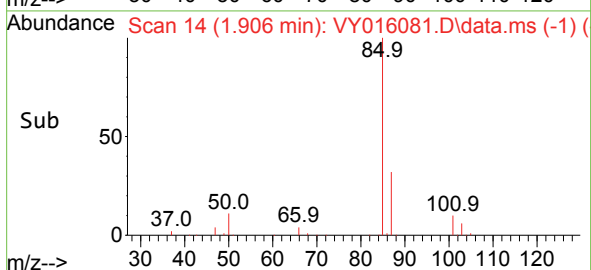
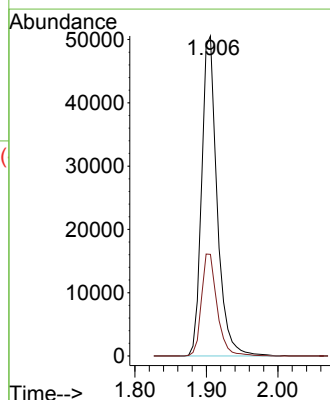
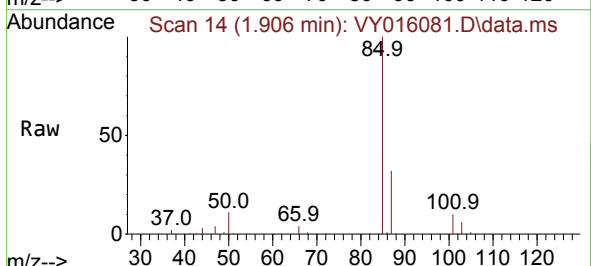
Instrument :
MSVOA_Y
ClientSampleId :

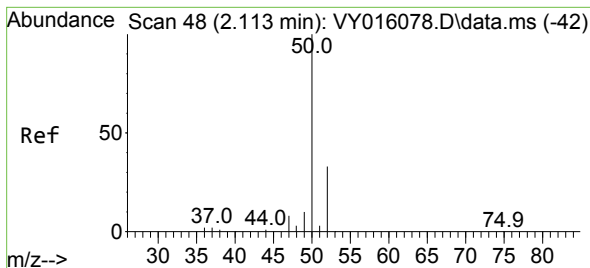
Tgt Ion:168 Resp: 212557
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 51.827 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Tgt Ion: 85 Resp: 76028
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.8





#3

Chloromethane

Concen: 51.096 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

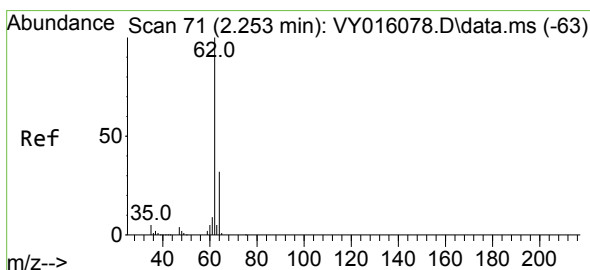
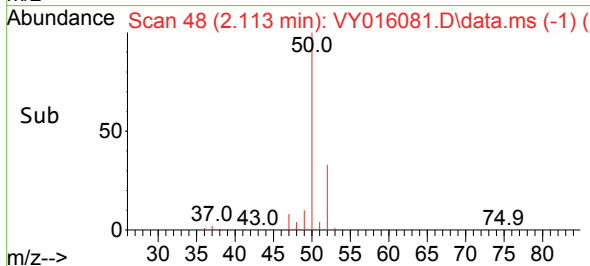
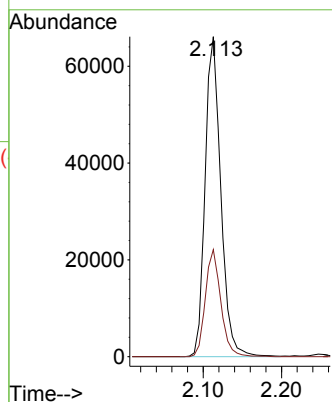
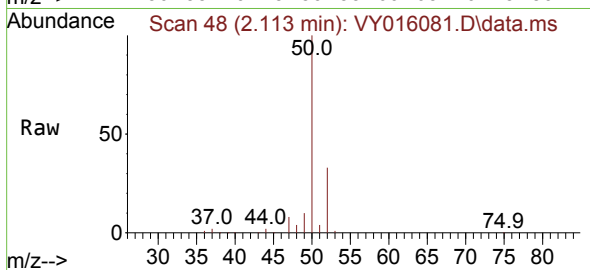
ClientSampleId :

Tgt Ion: 50 Resp: 91848

Ion Ratio Lower Upper

50 100

52 33.4 25.4 38.2



#4

Vinyl Chloride

Concen: 52.057 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.006 min

Lab File: VY016081.D

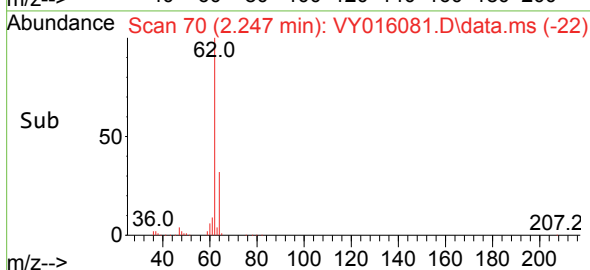
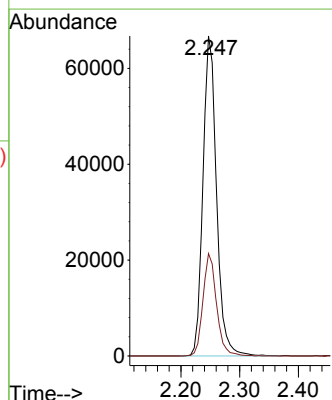
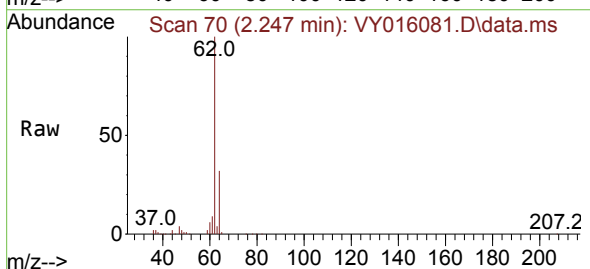
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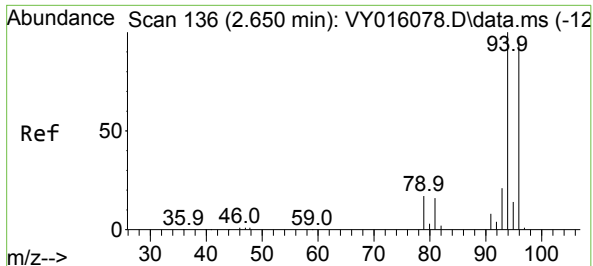
Tgt Ion: 62 Resp: 106901

Ion Ratio Lower Upper

62 100

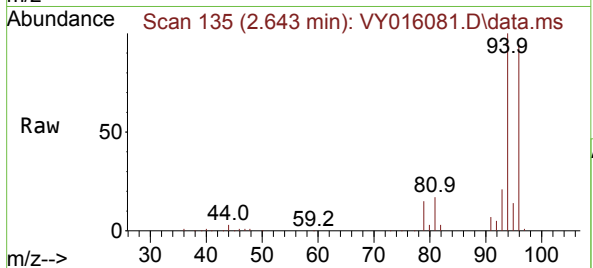
64 32.0 24.3 36.5



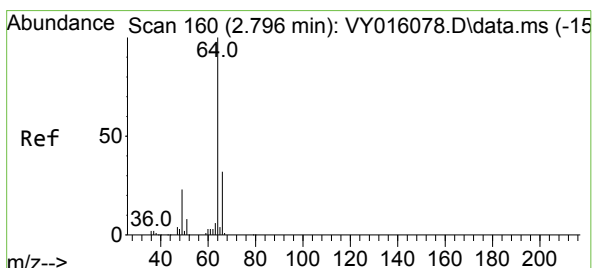
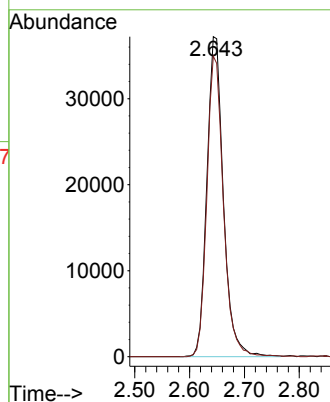
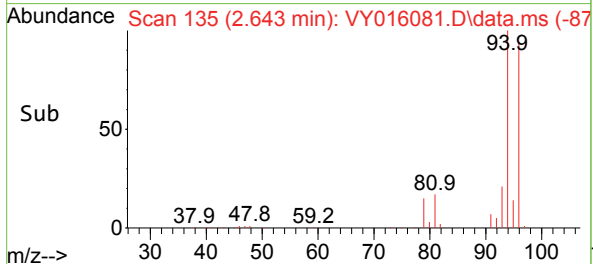


#5
Bromomethane
Concen: 50.822 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.006 min
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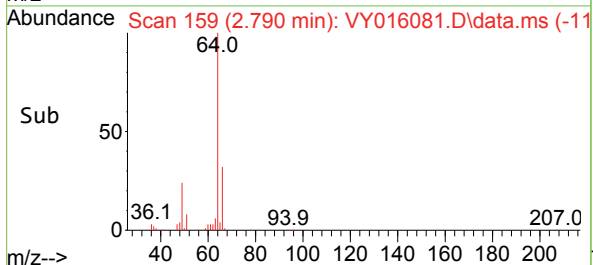
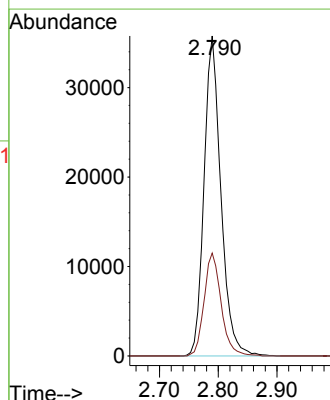
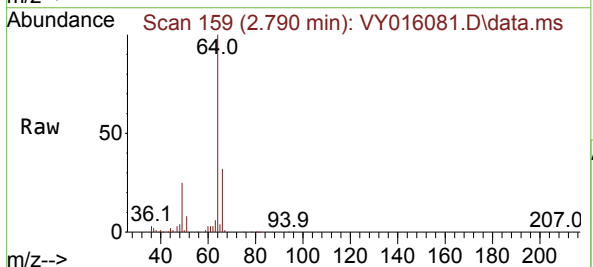


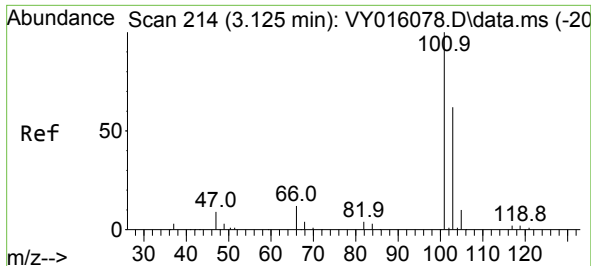
Tgt Ion: 94 Resp: 77574
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.6



#6
Chloroethane
Concen: 50.719 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
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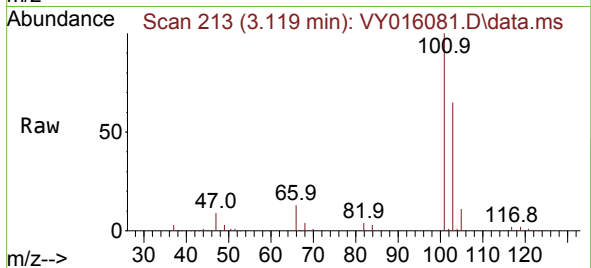
Tgt Ion: 64 Resp: 71342
Ion Ratio Lower Upper
64 100
66 32.2 24.4 36.6



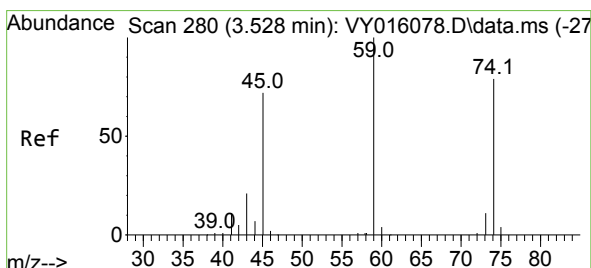
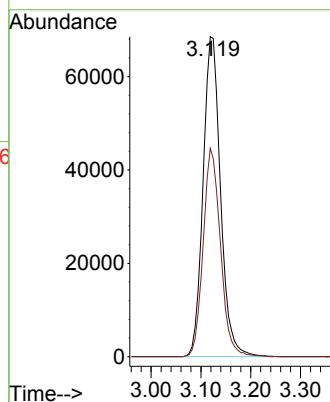
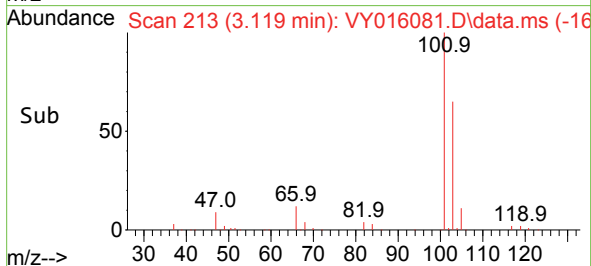


#7
 Trichlorofluoromethane
 Concen: 50.735 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY016081.D
 Acq: 26 Oct 2023 15:53

Instrument :
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 ClientSampleId :

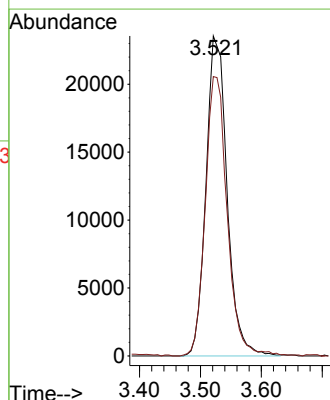
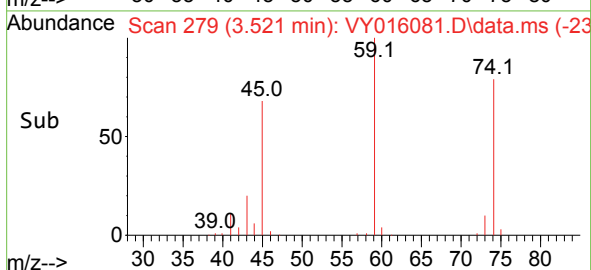
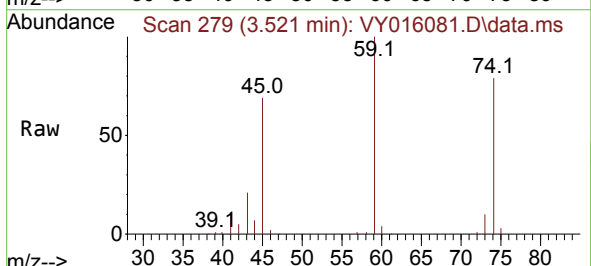


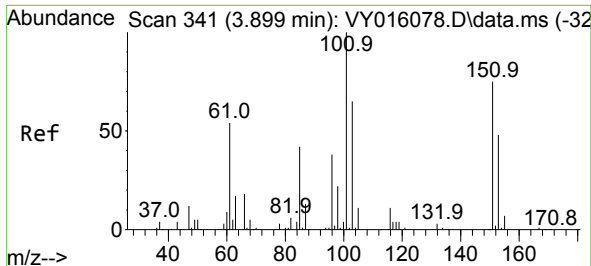
Tgt Ion:101 Resp: 166729
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 51.523 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY016081.D
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Tgt Ion: 74 Resp: 56751
 Ion Ratio Lower Upper
 74 100
 45 90.9 51.5 154.5

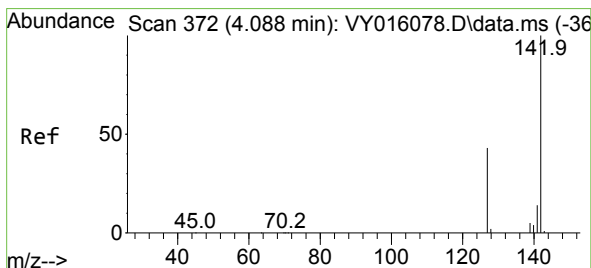
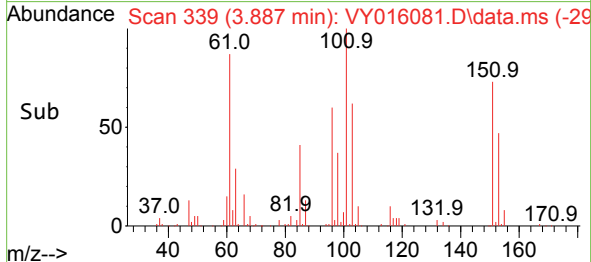
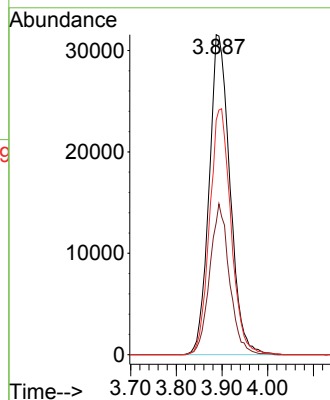
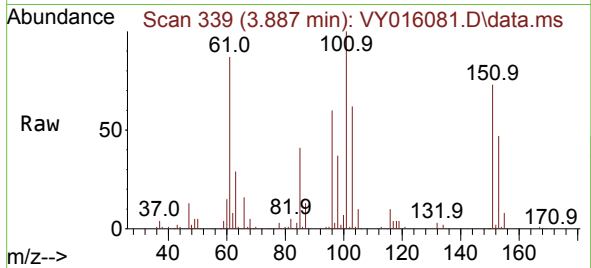




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.449 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.013 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

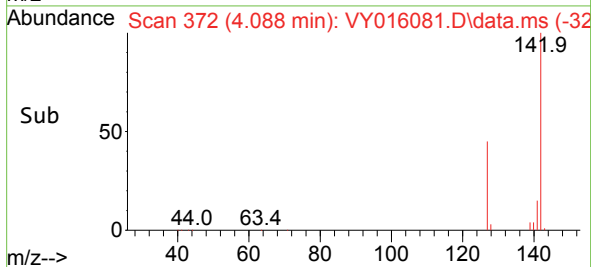
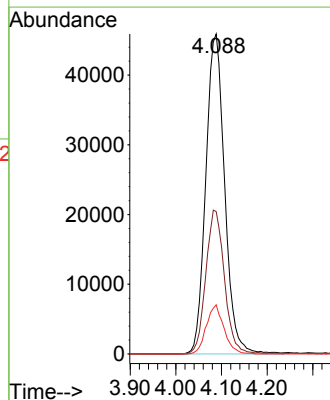
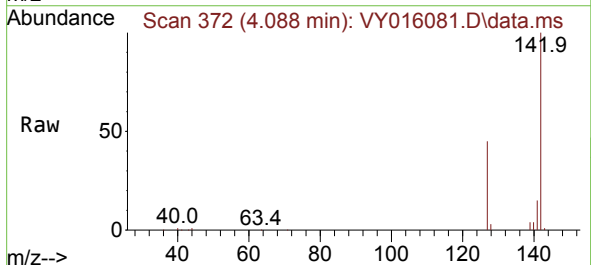
Instrument :
MSVOA_Y
ClientSampleId :

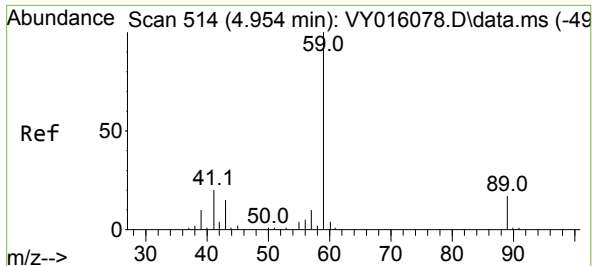
Tgt Ion:101 Resp: 100013
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 78.5 67.0 100.6



#10
Methyl Iodide
Concen: 51.924 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Tgt Ion:142 Resp: 131529
Ion Ratio Lower Upper
142 100
127 44.5 37.6 56.4
141 14.4 11.8 17.8





#11

Tert butyl alcohol

Concen: 244.990 ug/l

RT: 4.948 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

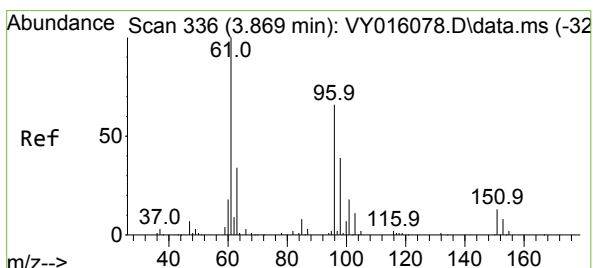
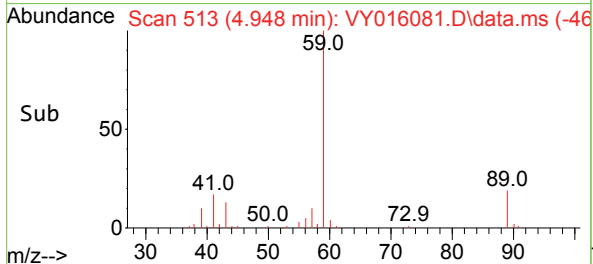
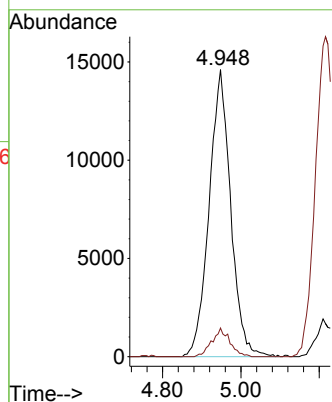
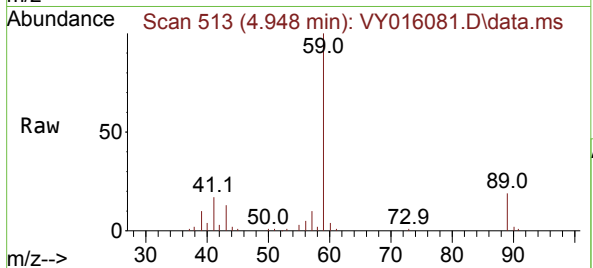
ClientSampleId :

Tgt Ion: 59 Resp: 55824

Ion Ratio Lower Upper

59 100

57 8.3 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 50.542 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

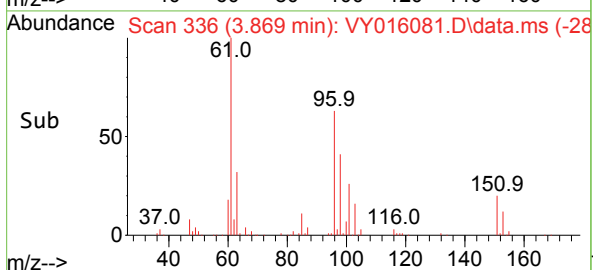
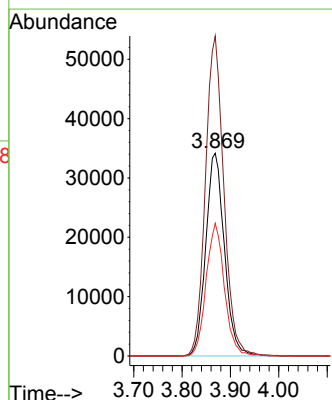
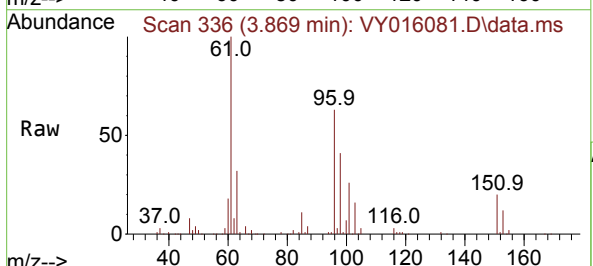
Tgt Ion: 96 Resp: 91800

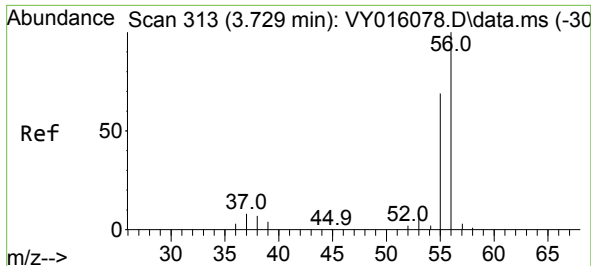
Ion Ratio Lower Upper

96 100

61 157.8 136.4 204.6

98 65.4 49.4 74.2





#13

Acrolein

Concen: 243.080 ug/l

RT: 3.722 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

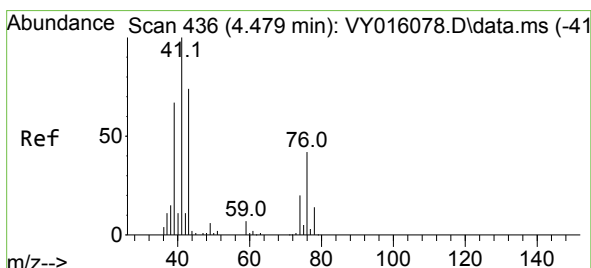
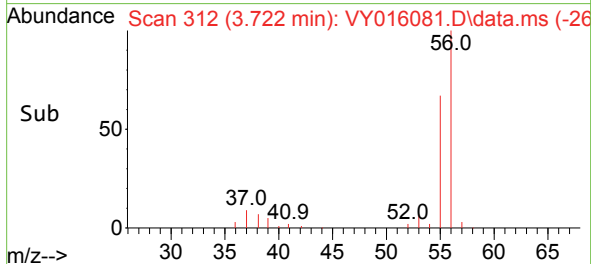
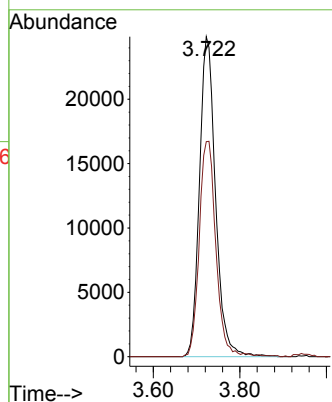
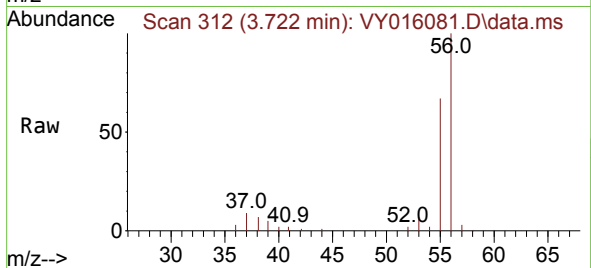
ClientSampleId :

Tgt Ion: 56 Resp: 63990

Ion Ratio Lower Upper

56 100

55 69.1 57.0 85.4



#14

Allyl chloride

Concen: 51.930 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

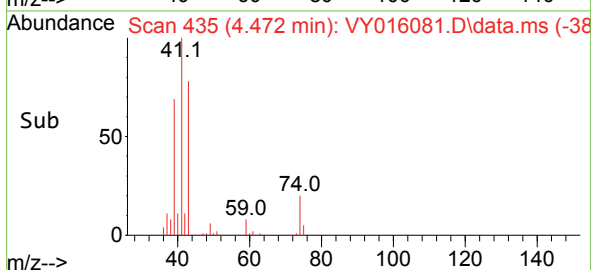
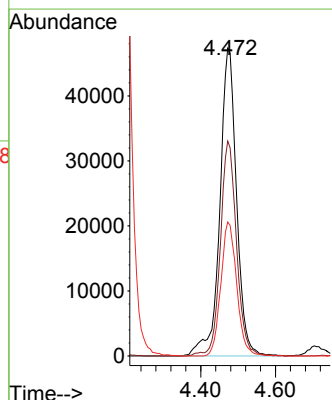
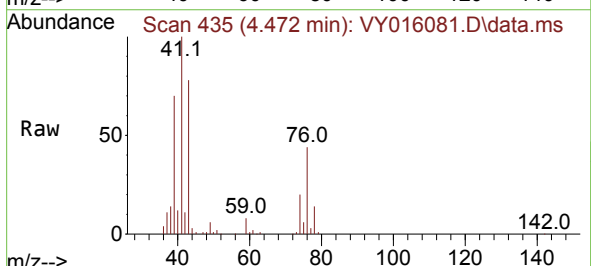
Tgt Ion: 41 Resp: 147443

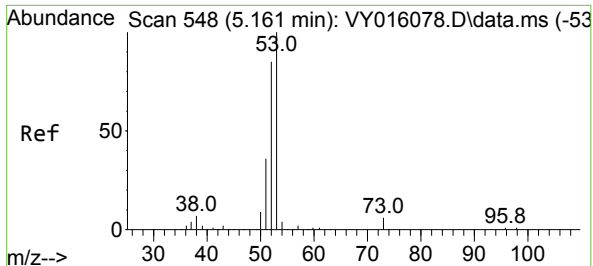
Ion Ratio Lower Upper

41 100

39 67.2 58.0 87.0

76 41.2 27.4 41.2#

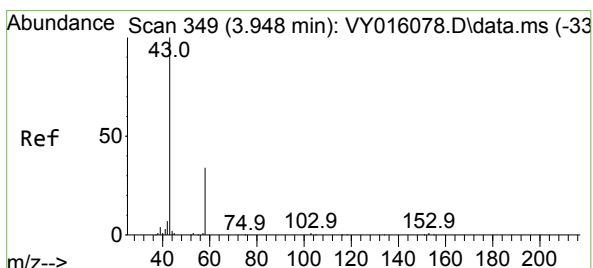
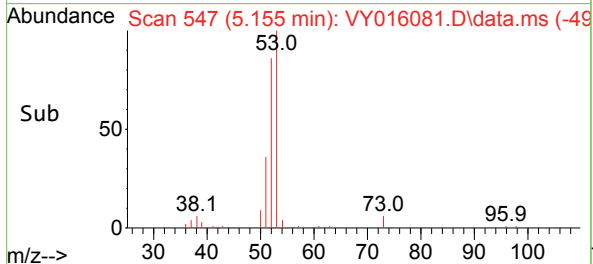
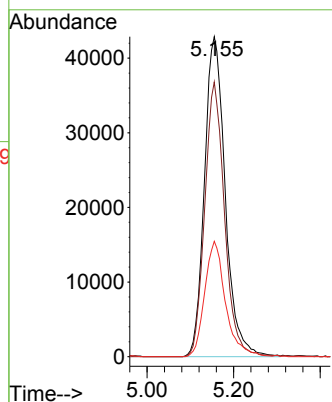
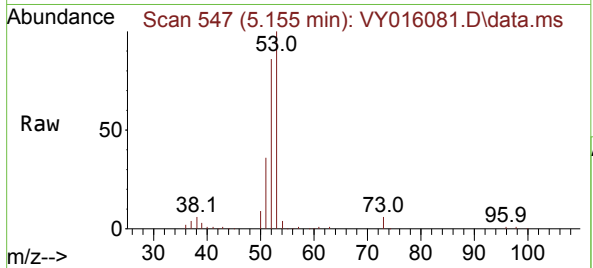




#15
Acrylonitrile
Concen: 265.017 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

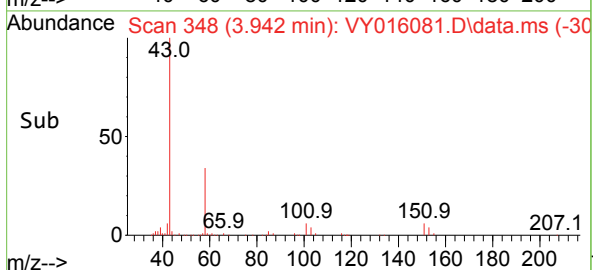
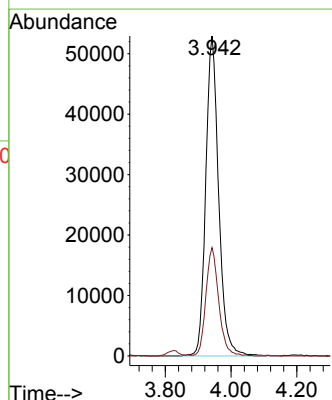
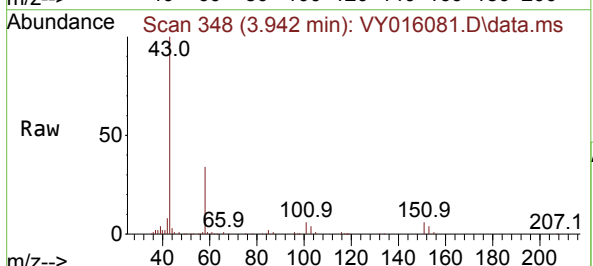
Instrument :
MSVOA_Y
ClientSampleId :

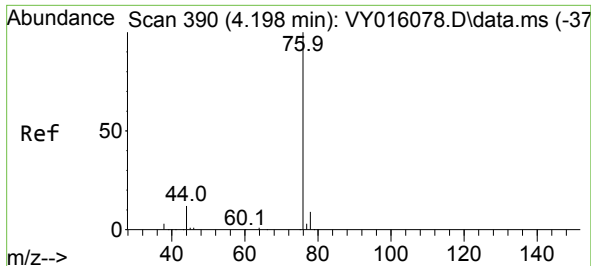
Tgt Ion: 53 Resp: 143200
Ion Ratio Lower Upper
53 100
52 81.6 66.9 100.3
51 36.1 29.8 44.6



#16
Acetone
Concen: 252.322 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Tgt Ion: 43 Resp: 144550
Ion Ratio Lower Upper
43 100
58 33.9 22.7 34.1





#17

Carbon Disulfide

Concen: 50.880 ug/l

RT: 4.186 min Scan# 31

Delta R.T. -0.013 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

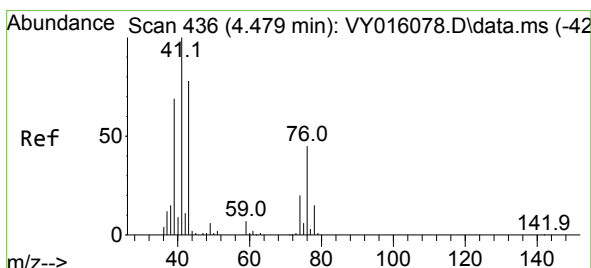
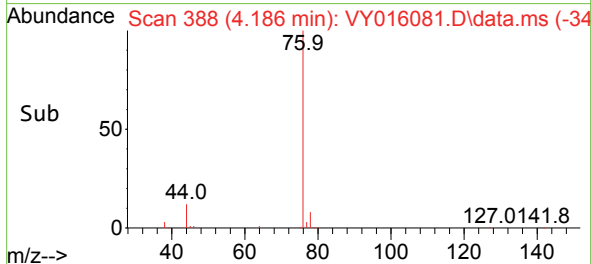
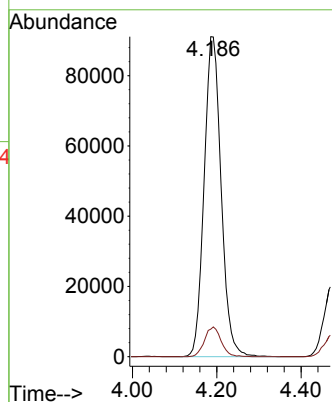
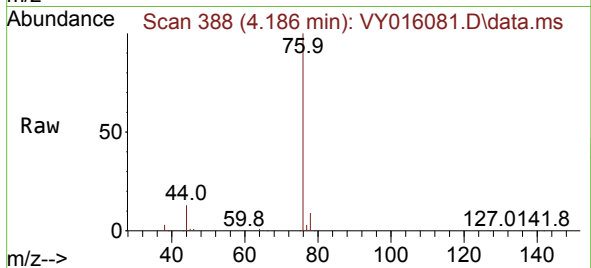
ClientSampleId :

Tgt Ion: 76 Resp: 255630

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.4



#18

Methyl Acetate

Concen: 53.621 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY016081.D

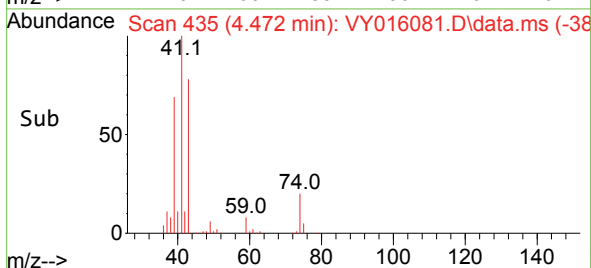
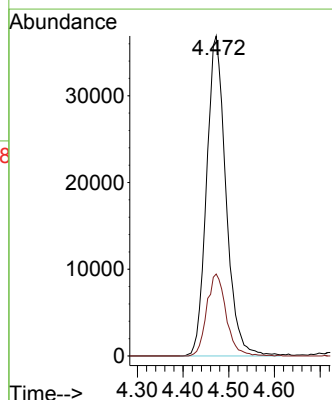
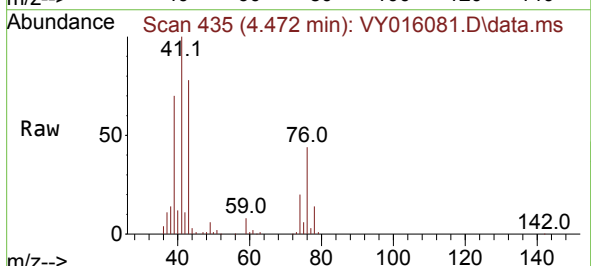
Acq: 26 Oct 2023 15:53

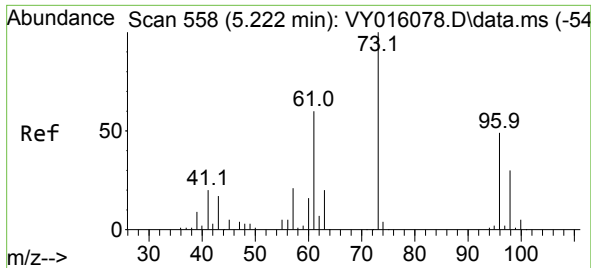
Tgt Ion: 43 Resp: 108609

Ion Ratio Lower Upper

43 100

74 25.7 17.4 26.0

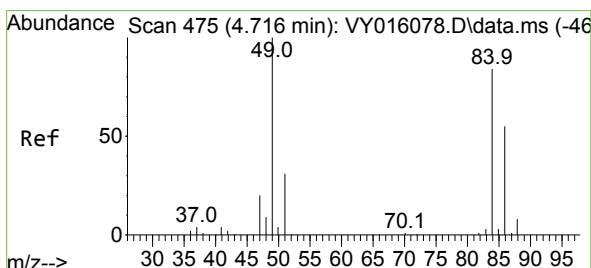
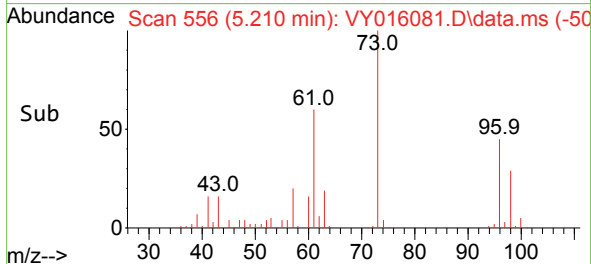
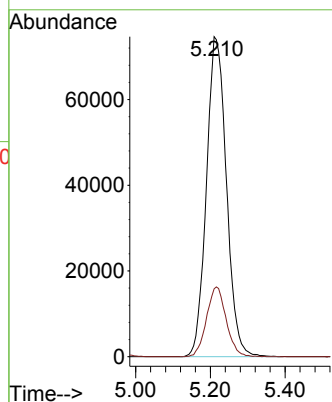
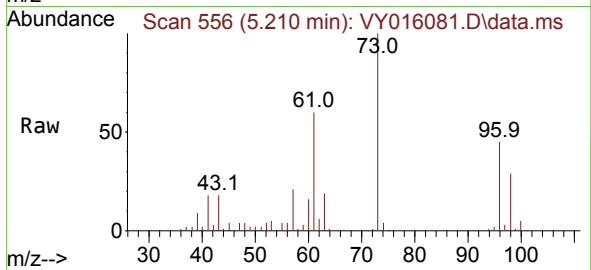




#19
Methyl tert-butyl Ether
Concen: 53.467 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.013 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

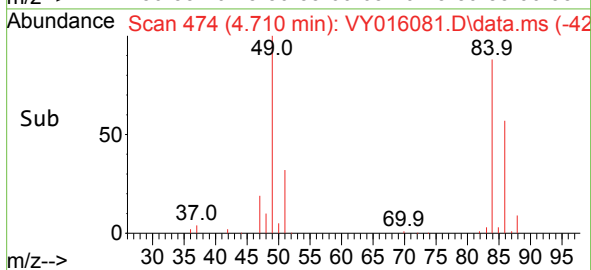
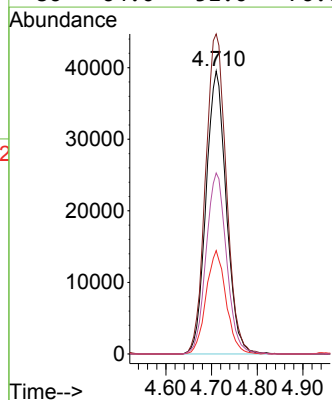
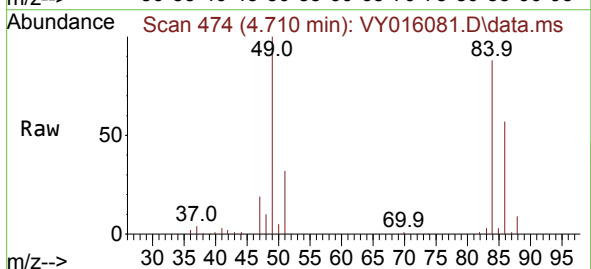
Instrument :
MSVOA_Y
ClientSampleId :

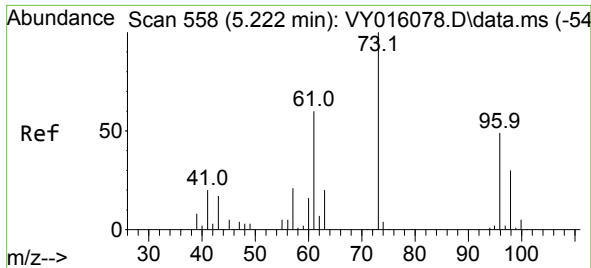
Tgt Ion: 73 Resp: 276946
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 55.011 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

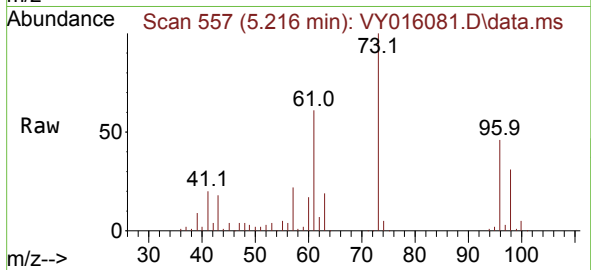
Tgt Ion: 84 Resp: 121391
Ion Ratio Lower Upper
84 100
49 113.1 106.9 160.3
51 36.5 33.2 49.8
86 64.0 51.0 76.6



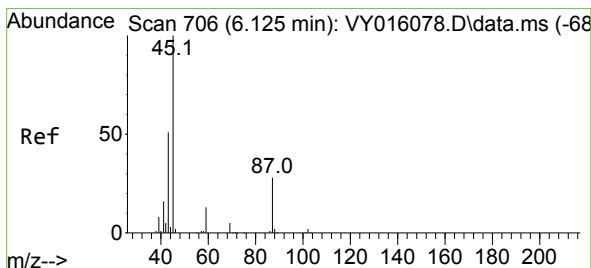
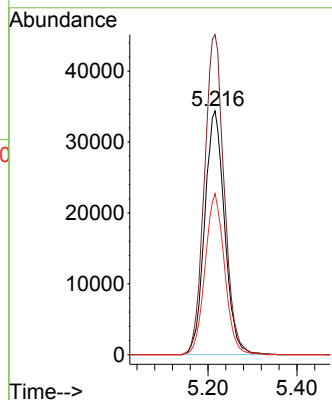
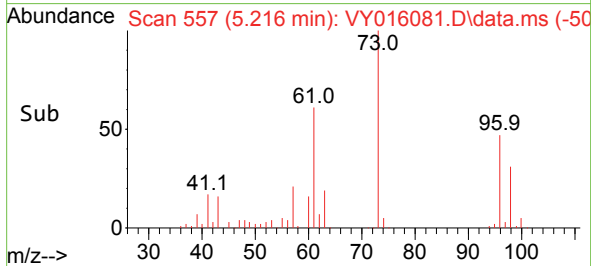


#21
trans-1,2-Dichloroethene
Concen: 50.876 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Instrument :
MSVOA_Y
ClientSampleId :

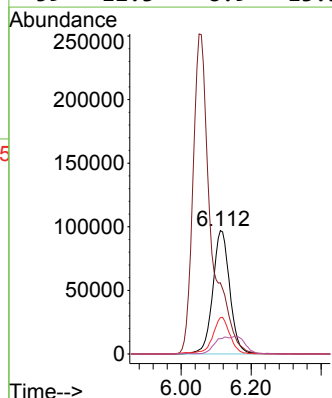
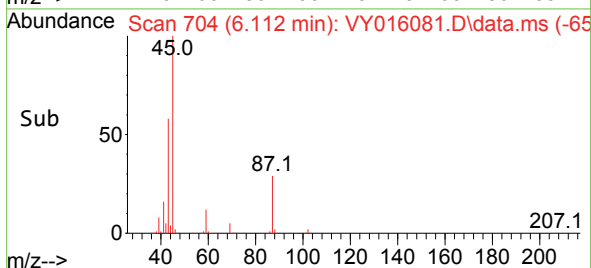
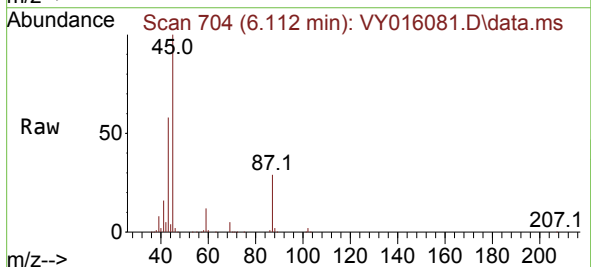


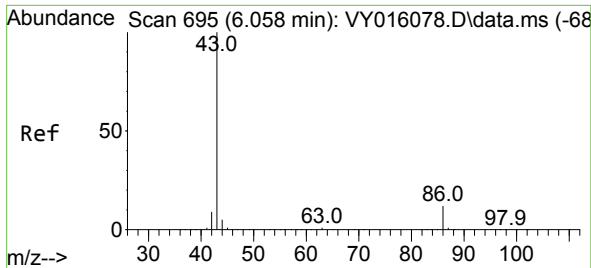
Tgt Ion: 96 Resp: 107116
Ion Ratio Lower Upper
96 100
61 131.3 110.2 165.4
98 66.2 51.8 77.6



#22
Diisopropyl ether
Concen: 52.586 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.013 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Tgt Ion: 45 Resp: 326481
Ion Ratio Lower Upper
45 100
43 57.4 52.2 78.4
87 29.5 21.0 31.6
59 12.3 8.9 13.3

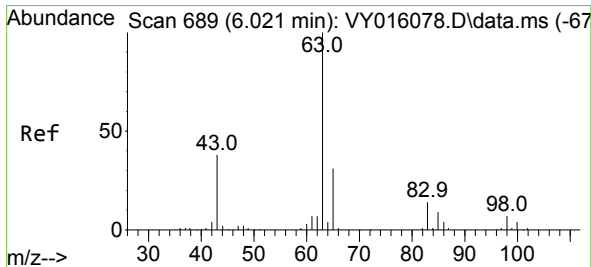
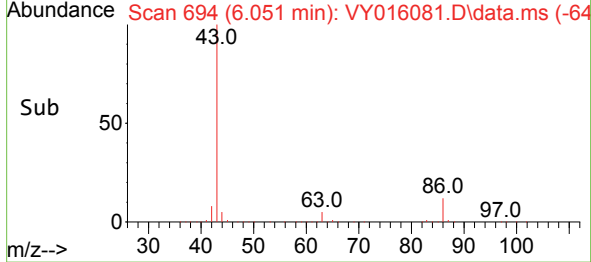
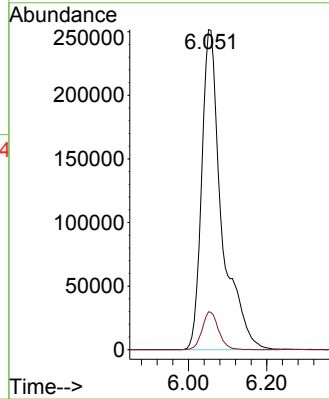
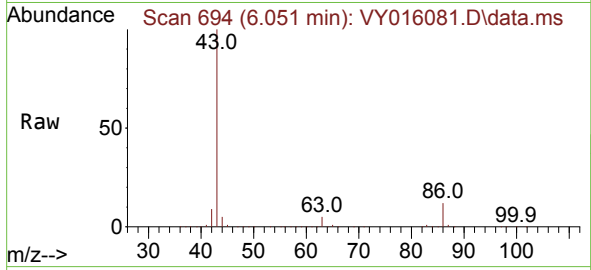




#23
 Vinyl Acetate
 Concen: 268.572 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY016081.D
 Acq: 26 Oct 2023 15:53

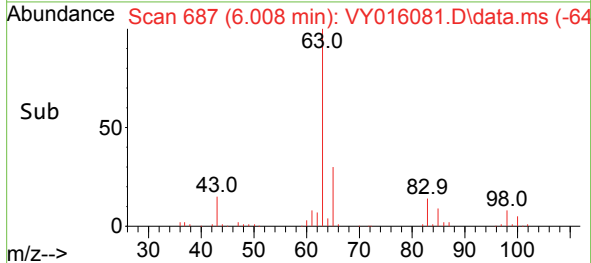
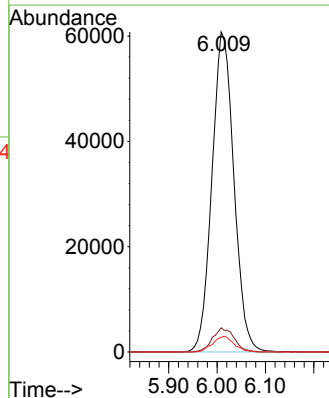
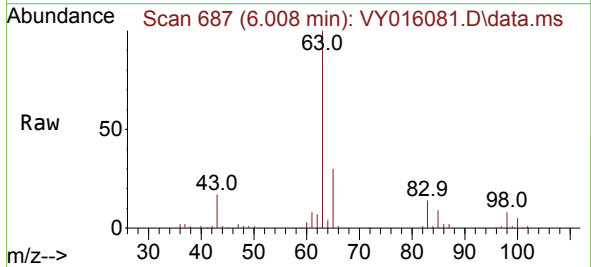
Instrument :
 MSVOA_Y
 ClientSampleId :

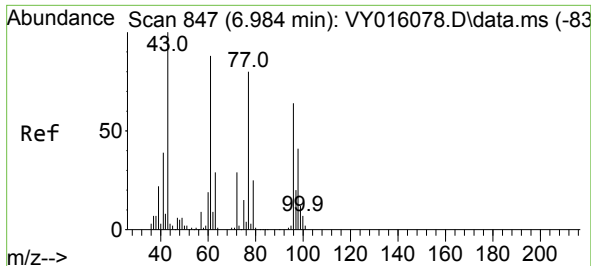
Tgt Ion: 43 Resp: 893388
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 51.140 ug/l
 RT: 6.008 min Scan# 687
 Delta R.T. -0.013 min
 Lab File: VY016081.D
 Acq: 26 Oct 2023 15:53

Tgt Ion: 63 Resp: 191286
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 258.243 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

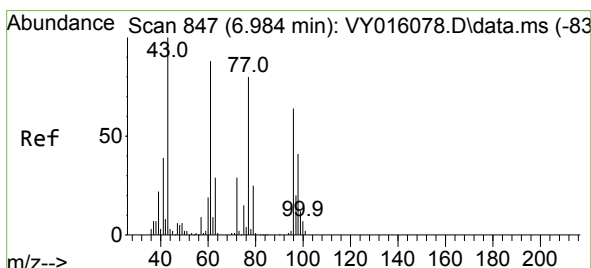
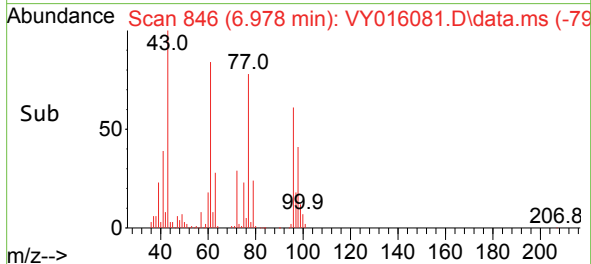
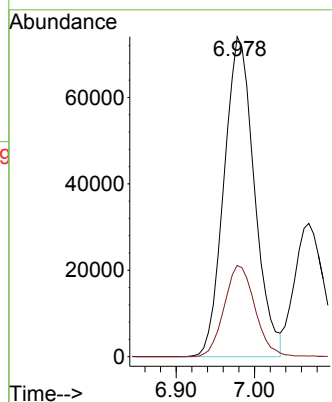
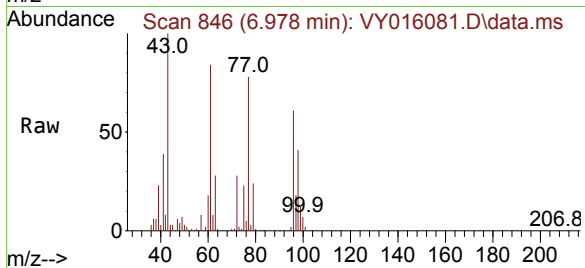
ClientSampleId :

Tgt Ion: 43 Resp: 199671

Ion Ratio Lower Upper

43 100

72 28.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 50.622 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY016081.D

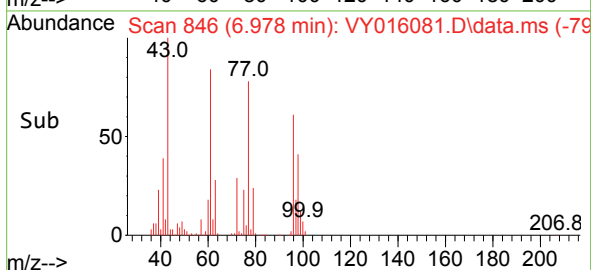
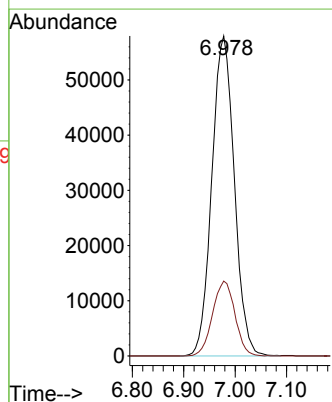
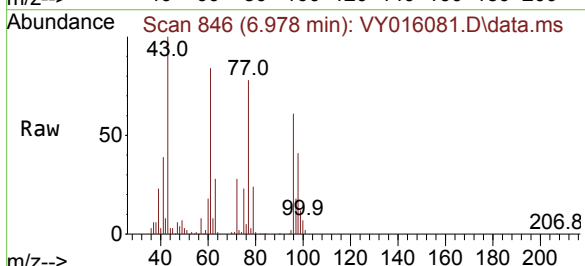
Acq: 26 Oct 2023 15:53

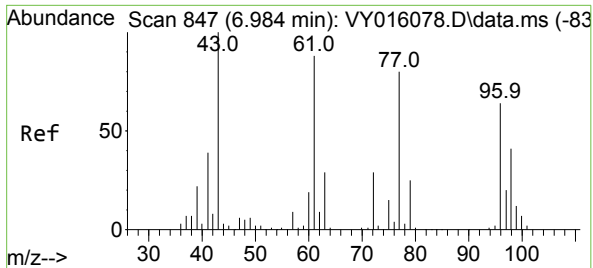
Tgt Ion: 77 Resp: 176021

Ion Ratio Lower Upper

77 100

97 23.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.674 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

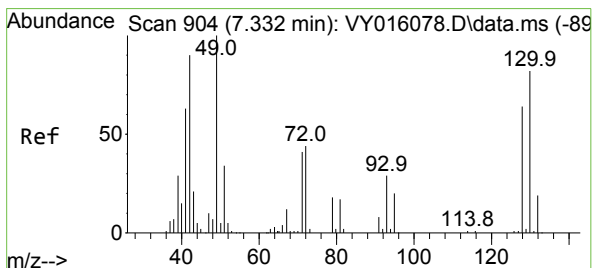
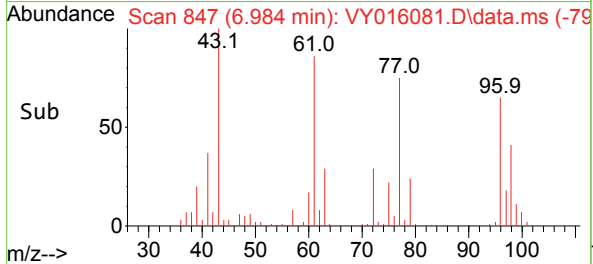
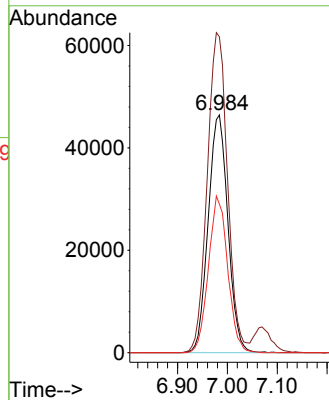
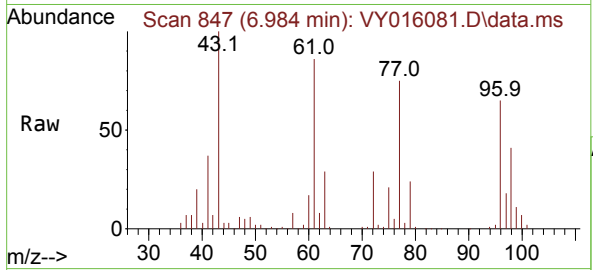
Tgt Ion: 96 Resp: 127769

Ion Ratio Lower Upper

96 100

61 138.4 0.0 301.4

98 64.2 0.0 130.4



#28

Bromochloromethane

Concen: 53.063 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

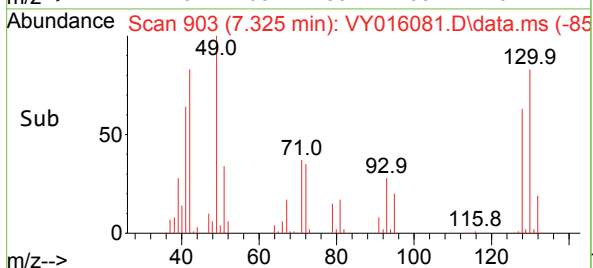
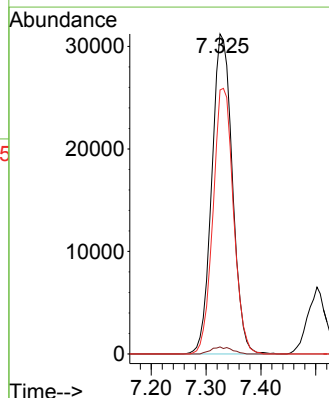
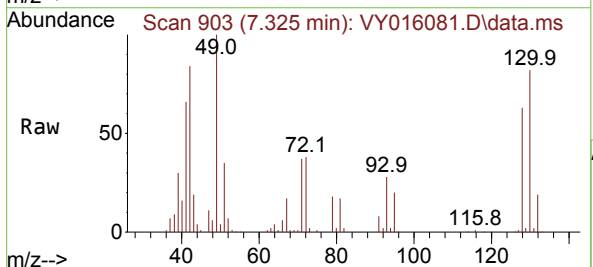
Tgt Ion: 49 Resp: 81198

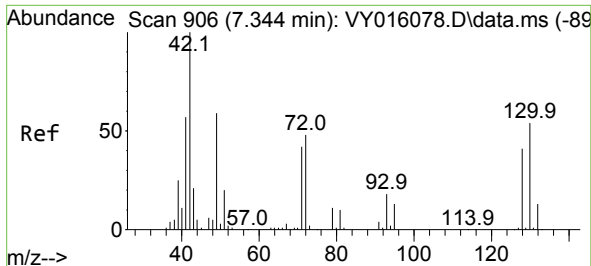
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 82.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 270.734 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

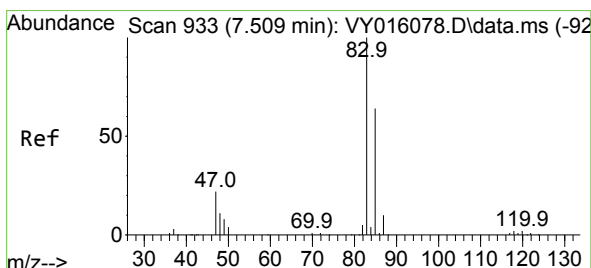
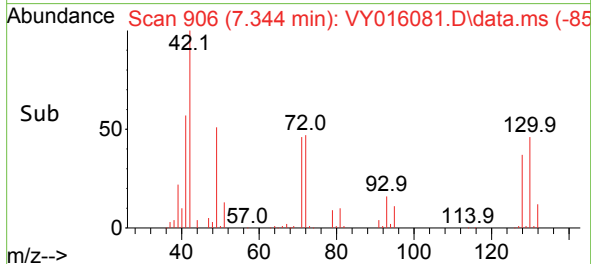
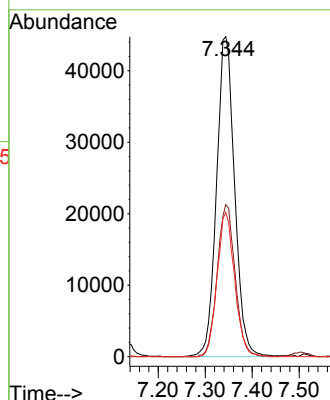
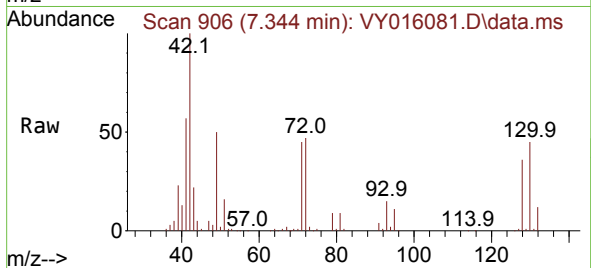
Tgt Ion: 42 Resp: 120105

Ion Ratio Lower Upper

42 100

72 47.2 32.8 49.2

71 43.6 31.0 46.4



#30

Chloroform

Concen: 51.383 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY016081.D

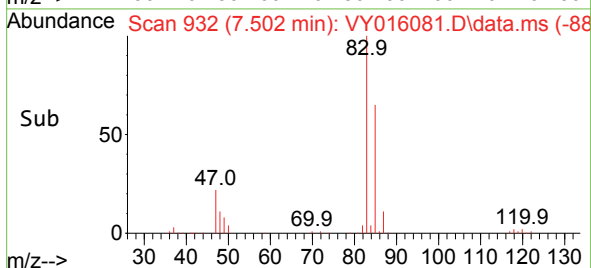
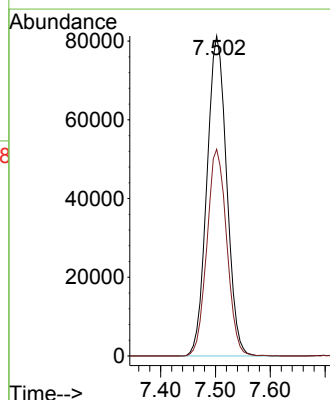
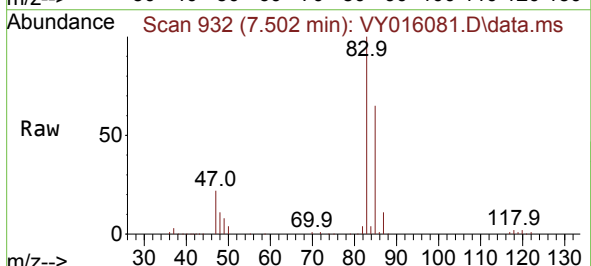
Acq: 26 Oct 2023 15:53

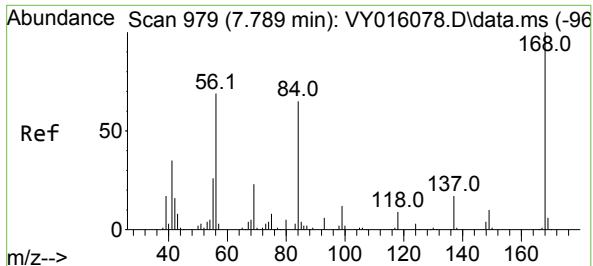
Tgt Ion: 83 Resp: 203027

Ion Ratio Lower Upper

83 100

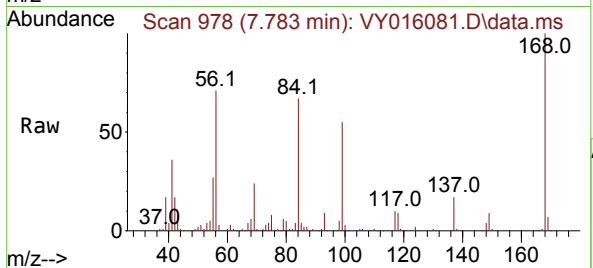
85 64.6 49.7 74.5



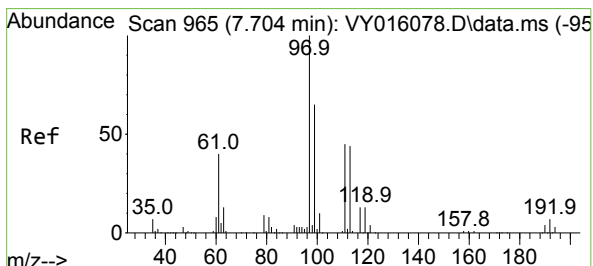
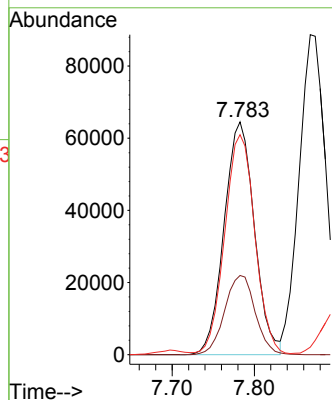
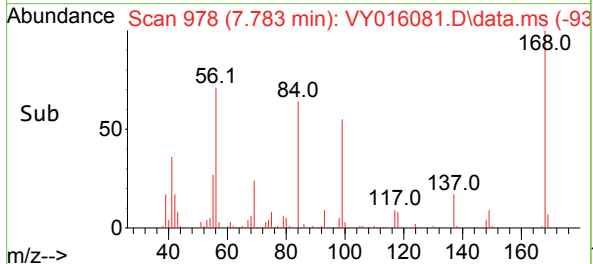


#31
Cyclohexane
Concen: 49.731 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Instrument :
MSVOA_Y
ClientSampleId :

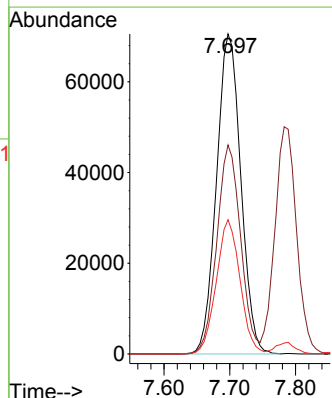
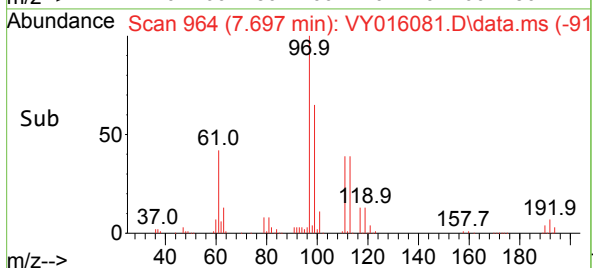
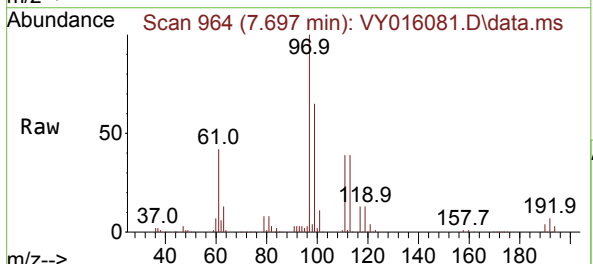


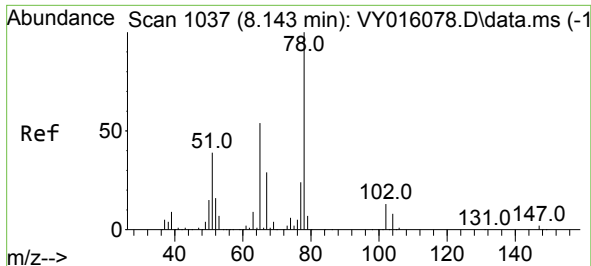
Tgt Ion: 56 Resp: 165361
Ion Ratio Lower Upper
56 100
69 34.0 27.8 41.6
84 93.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 51.253 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Tgt Ion: 97 Resp: 181649
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 41.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.525 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

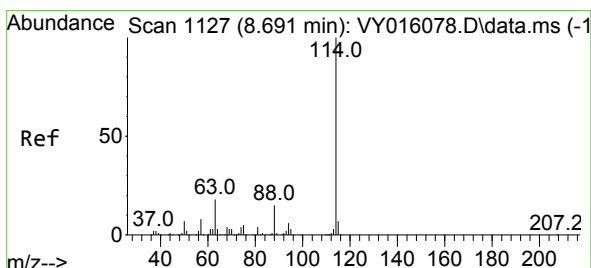
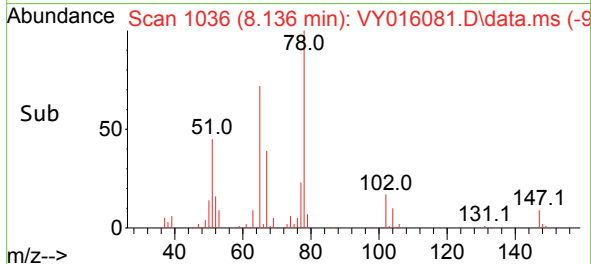
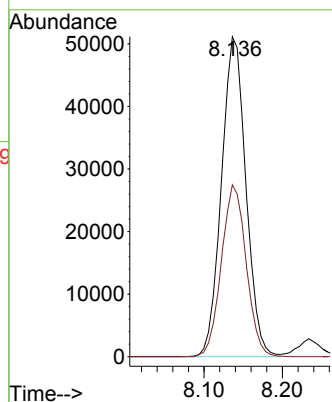
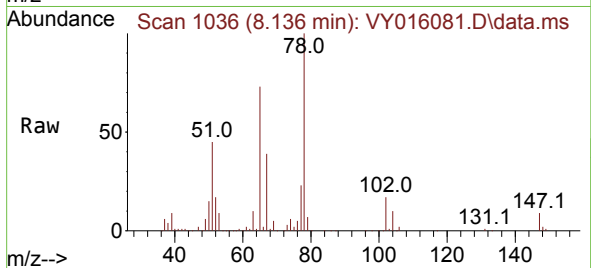
ClientSampleId :

Tgt Ion: 65 Resp: 111017

Ion Ratio Lower Upper

65 100

67 54.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

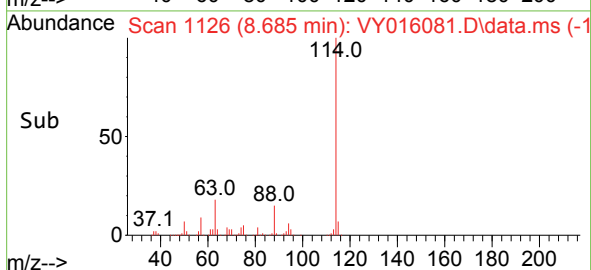
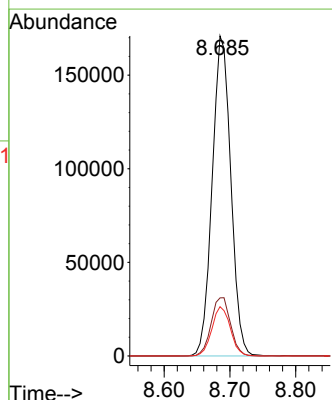
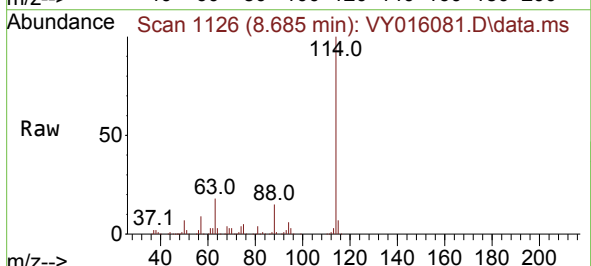
Tgt Ion: 114 Resp: 336986

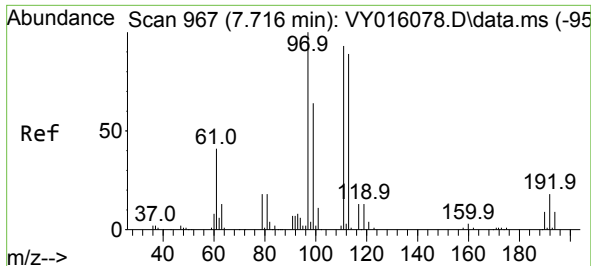
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

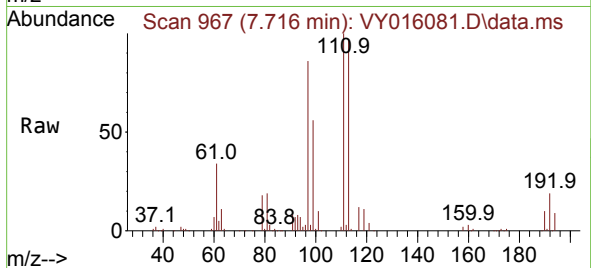
88 15.4 0.0 30.6



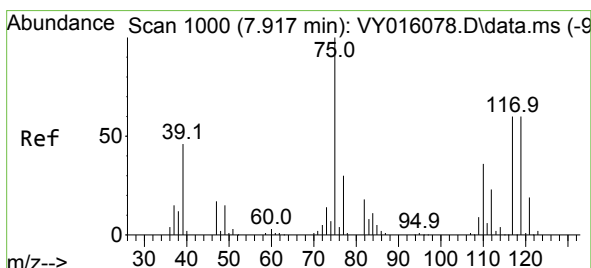
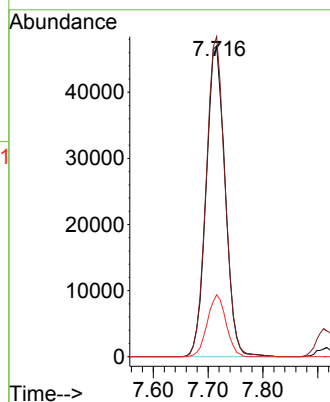
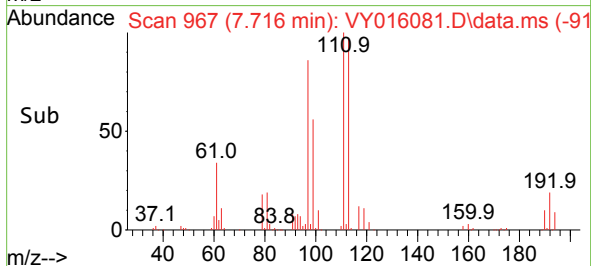


#35
Dibromofluoromethane
Concen: 53.039 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Instrument :
MSVOA_Y
ClientSampleId :

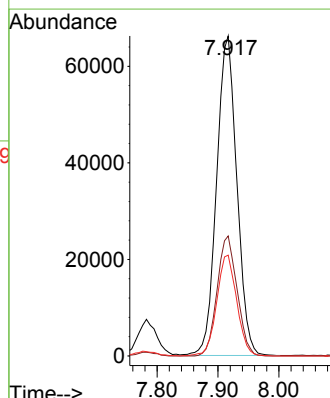
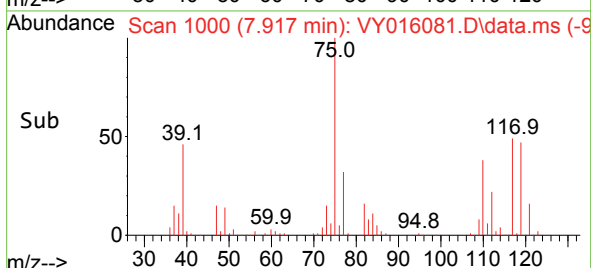
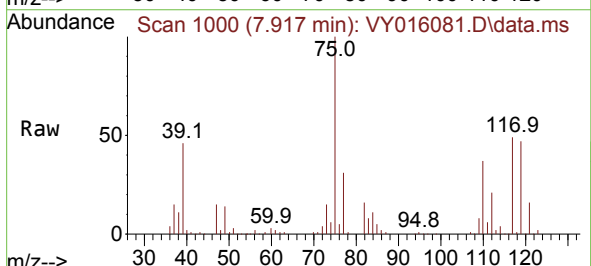


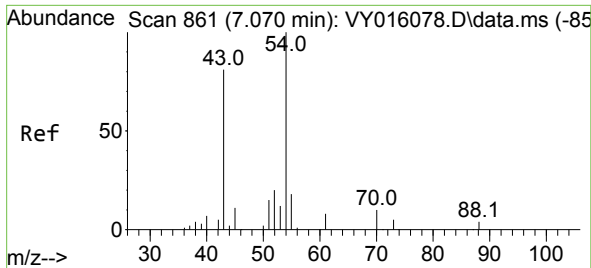
Tgt Ion:113 Resp: 112834
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 51.530 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Tgt Ion: 75 Resp: 152807
Ion Ratio Lower Upper
75 100
110 37.0 17.8 53.5
77 31.3 24.4 36.6

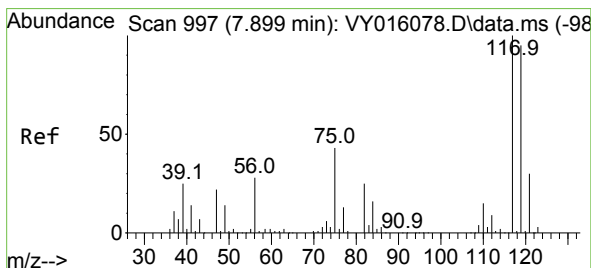
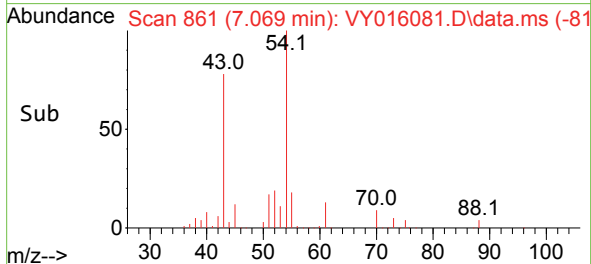
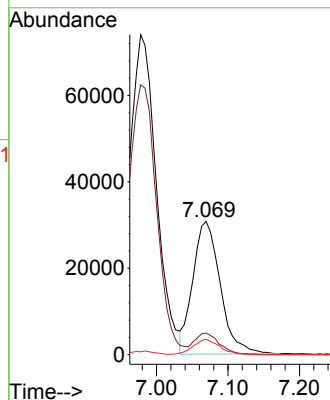
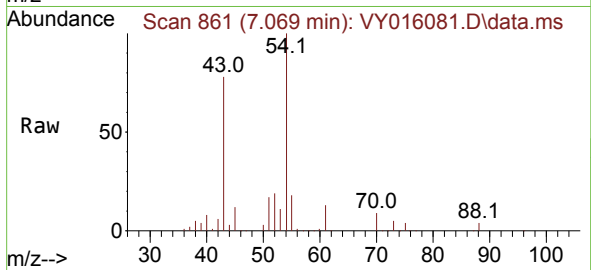




#37
Ethyl Acetate
Concen: 53.756 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

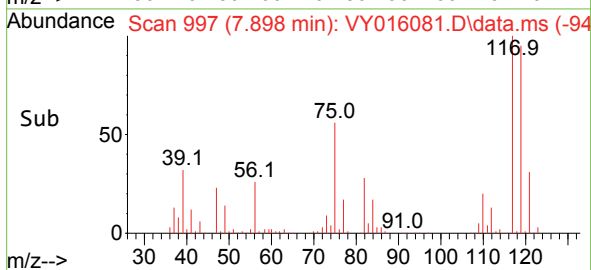
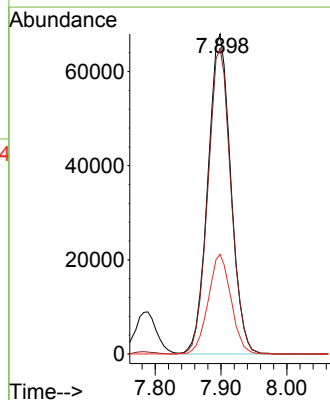
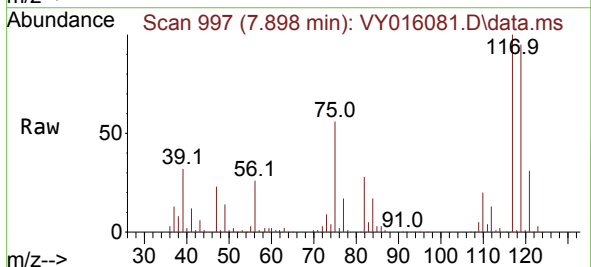
Instrument :
MSVOA_Y
ClientSampleId :

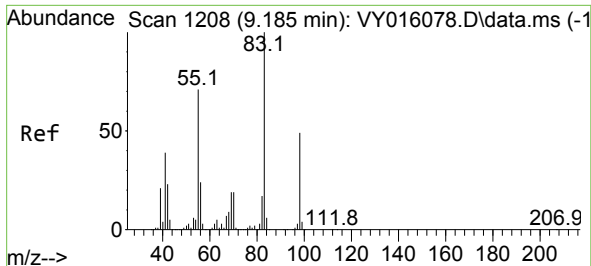
Tgt Ion: 43 Resp: 81707
Ion Ratio Lower Upper
43 100
61 14.6 10.1 15.1
70 11.2 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 52.605 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Tgt Ion: 117 Resp: 164965
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6
121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 52.415 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

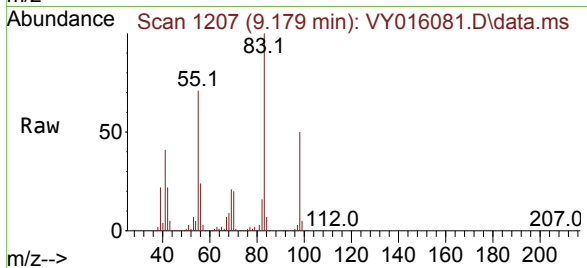
Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :



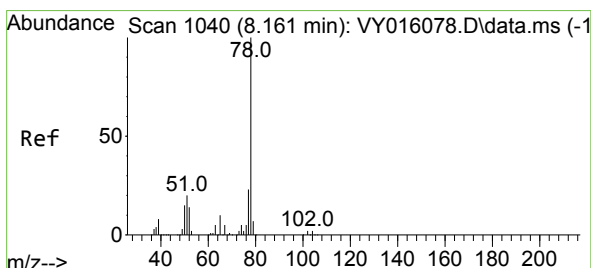
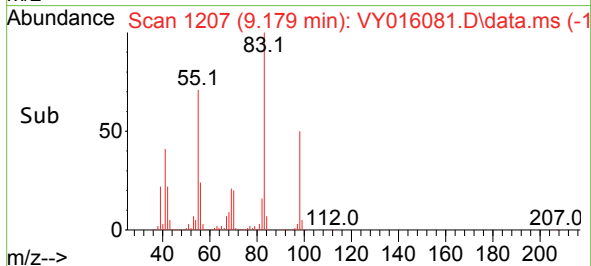
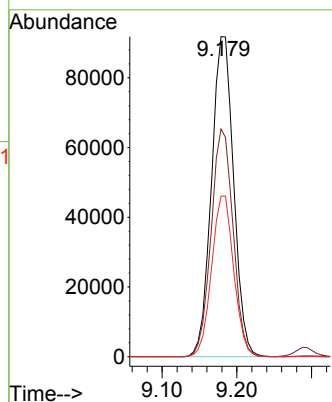
Tgt Ion: 83 Resp: 189353

Ion Ratio Lower Upper

83 100

55 71.2 63.0 94.4

98 50.2 37.4 56.2



#40

Benzene

Concen: 52.471 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY016081.D

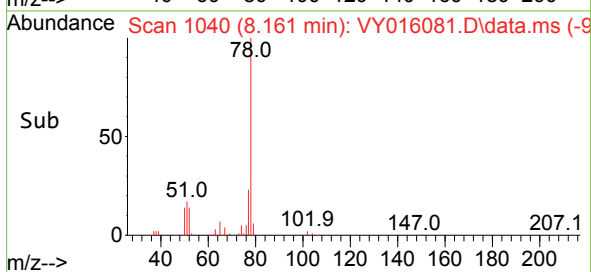
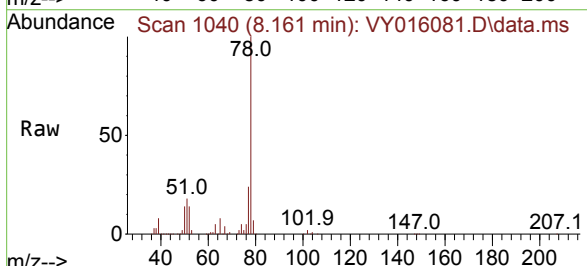
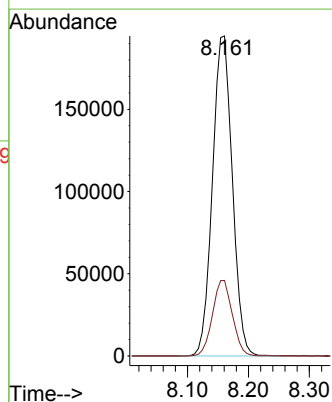
Acq: 26 Oct 2023 15:53

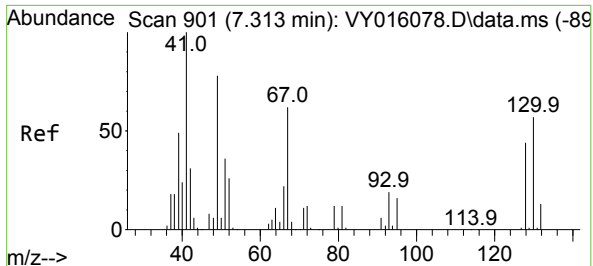
Tgt Ion: 78 Resp: 440531

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

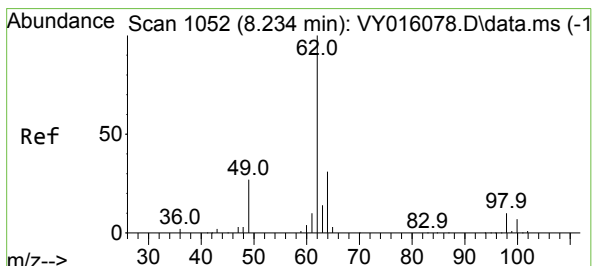
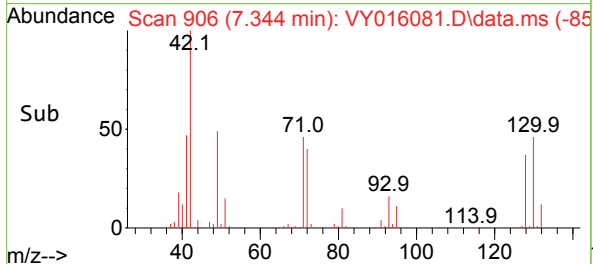
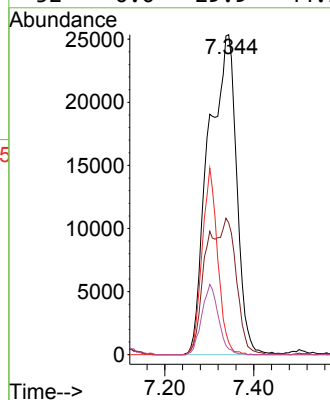
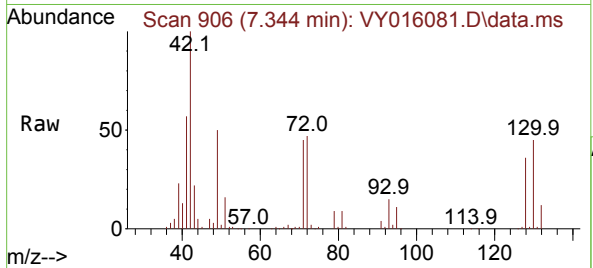




#41
Methacrylonitrile
Concen: 139.240 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

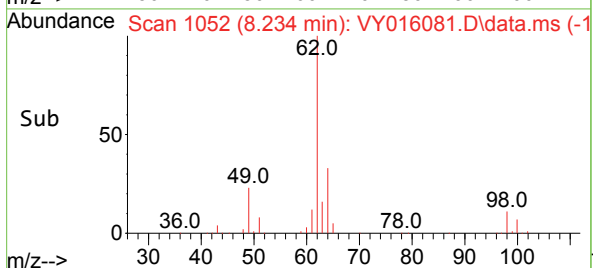
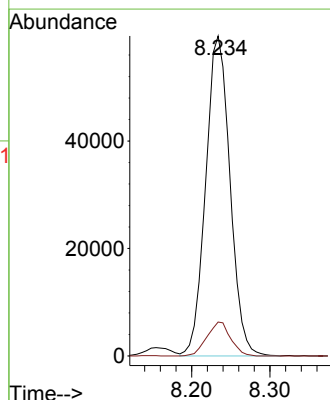
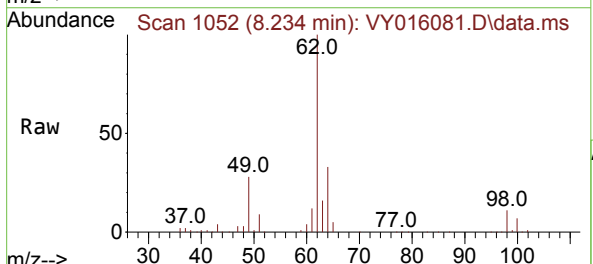
Instrument :
MSVOA_Y
ClientSampleId :

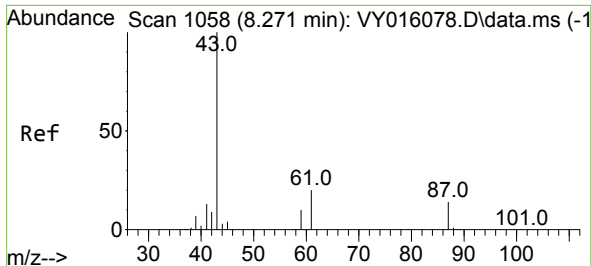
Tgt Ion: 41 Resp: 110761
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 52.993 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Tgt Ion: 62 Resp: 128557
Ion Ratio Lower Upper
62 100
98 10.3 0.0 15.8

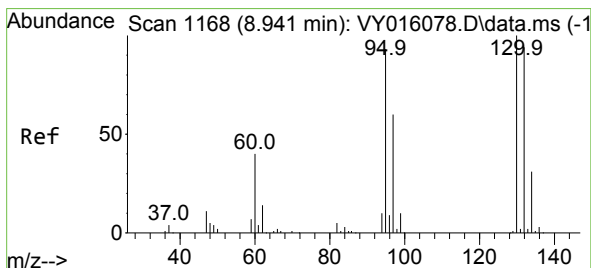
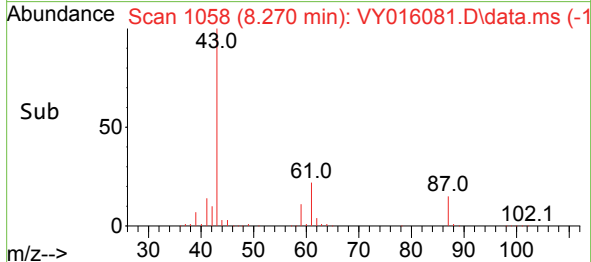
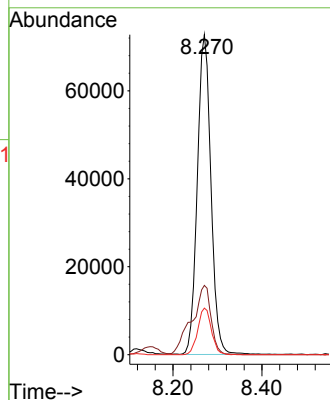
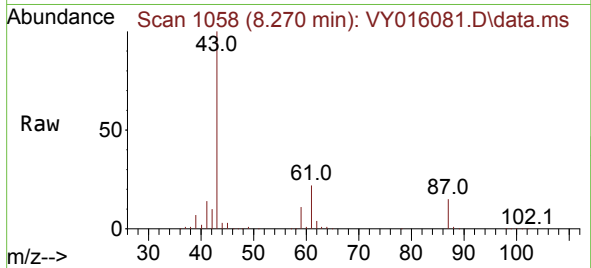




#43
Isopropyl Acetate
Concen: 54.487 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

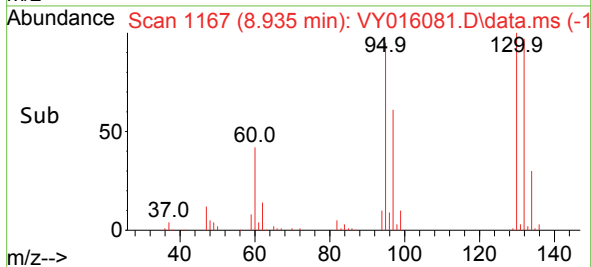
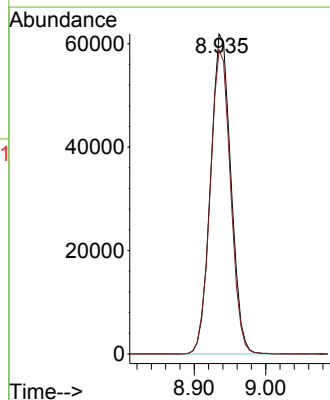
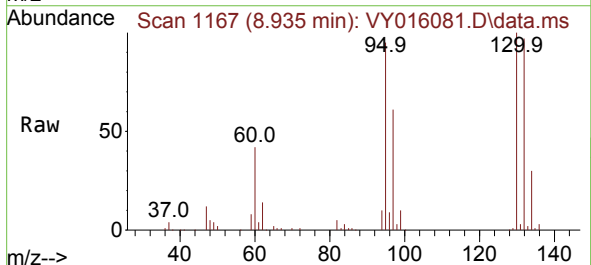
Instrument :
MSVOA_Y
ClientSampleId :

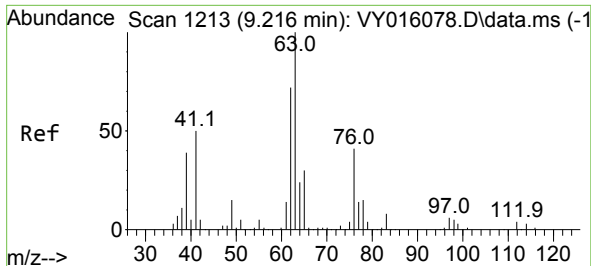
Tgt Ion: 43 Resp: 154848
Ion Ratio Lower Upper
43 100
61 30.5 21.1 31.7
87 14.5 9.8 14.8



#44
Trichloroethene
Concen: 52.095 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Tgt Ion: 130 Resp: 122129
Ion Ratio Lower Upper
130 100
95 95.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 53.178 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

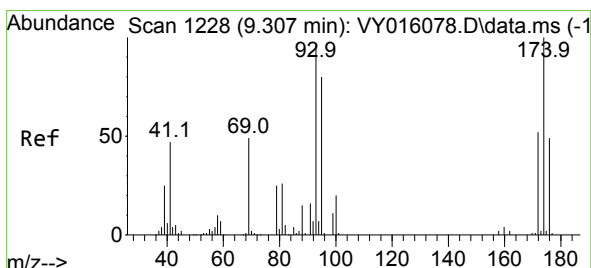
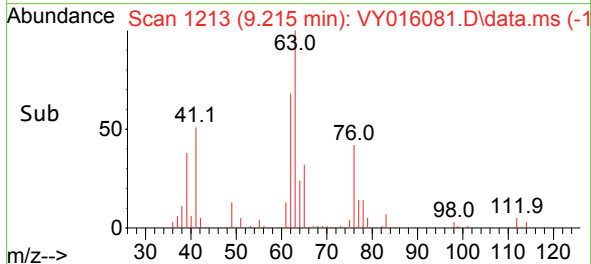
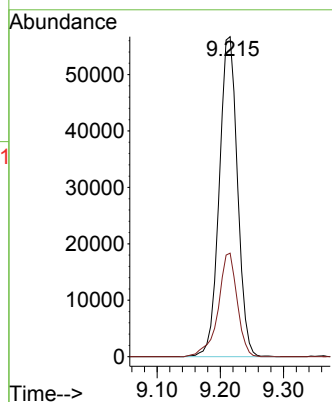
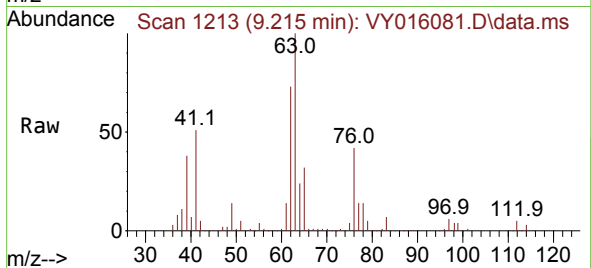
ClientSampleId :

Tgt Ion: 63 Resp: 112998

Ion Ratio Lower Upper

63 100

65 32.4 23.8 35.6



#46

Dibromomethane

Concen: 53.164 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

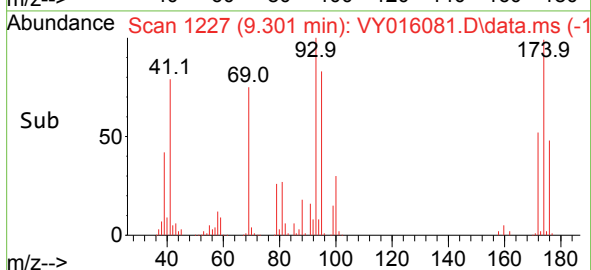
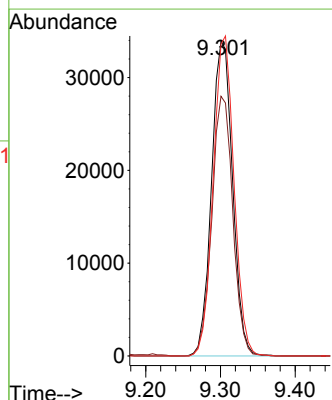
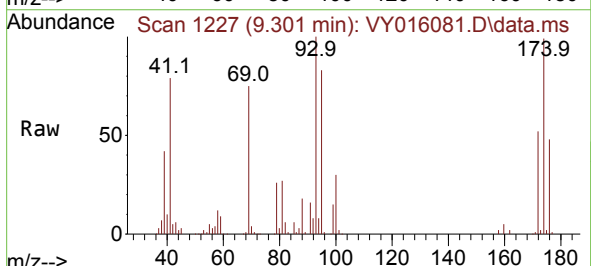
Tgt Ion: 93 Resp: 66239

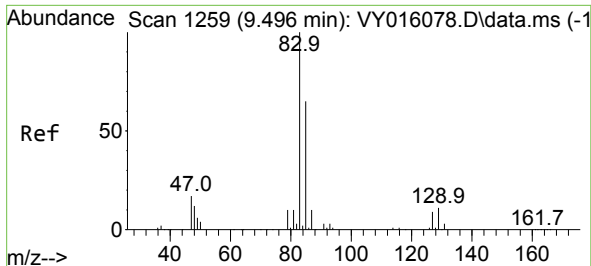
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

174 100.4 84.8 127.2

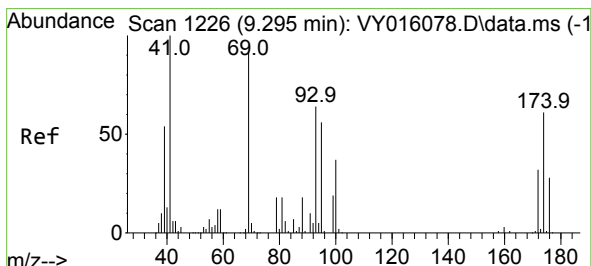
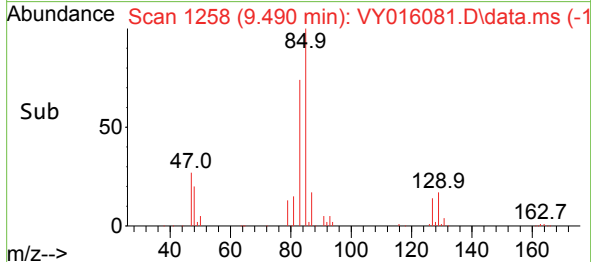
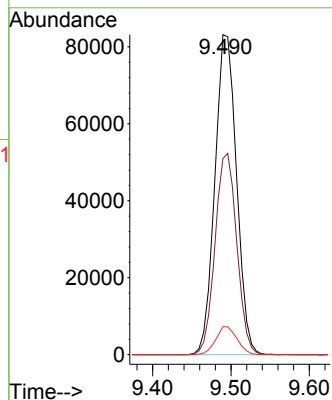
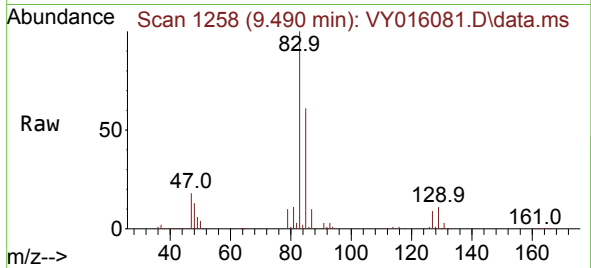




#47
Bromodichloromethane
Concen: 53.072 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

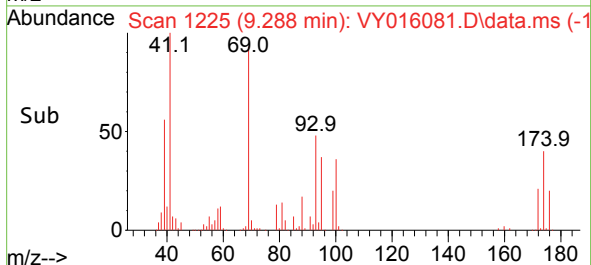
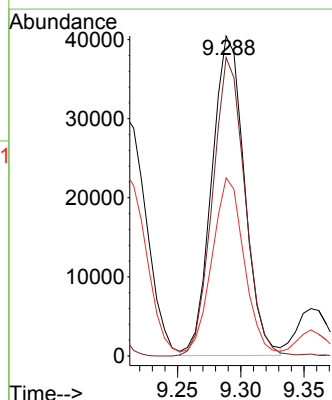
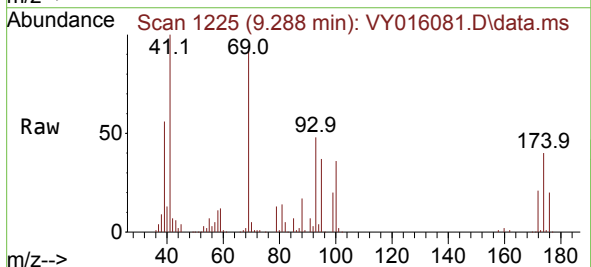
Instrument :
MSVOA_Y
ClientSampleId :

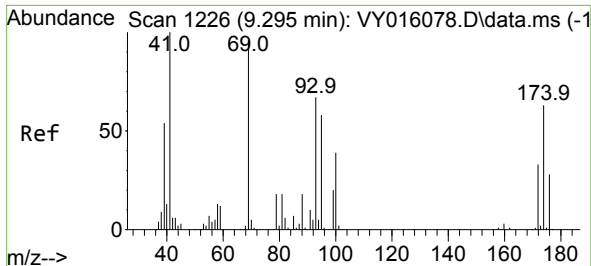
Tgt Ion: 83 Resp: 159918
Ion Ratio Lower Upper
83 100
85 61.3 50.1 75.1
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 55.419 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Tgt Ion: 41 Resp: 72559
Ion Ratio Lower Upper
41 100
69 92.7 64.5 96.7
39 53.0 50.8 76.2





#49

1,4-Dioxane

Concen: 1093.582 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. -0.000 min

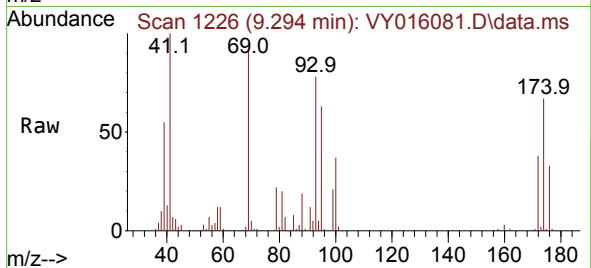
Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :



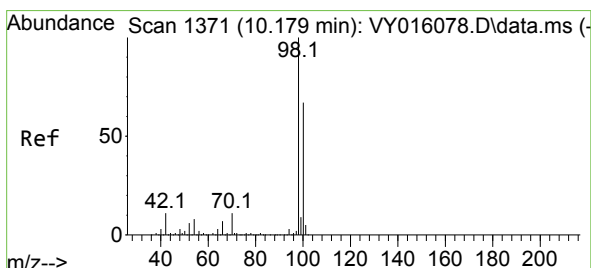
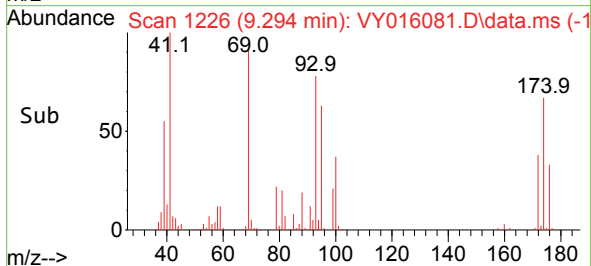
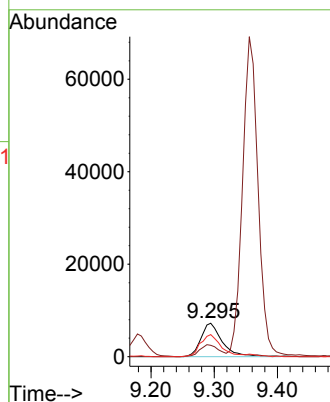
Tgt Ion: 88 Resp: 17047

Ion Ratio Lower Upper

88 100

43 32.2 0.0 0.0#

58 64.2 30.9 46.3#



#50

Toluene-d8

Concen: 53.933 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY016081.D

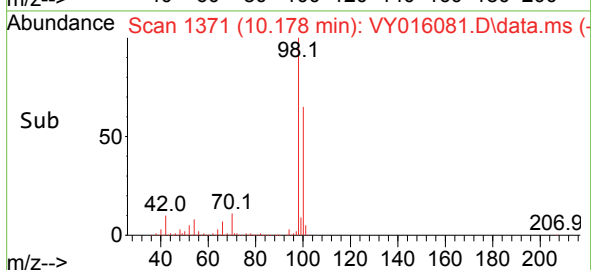
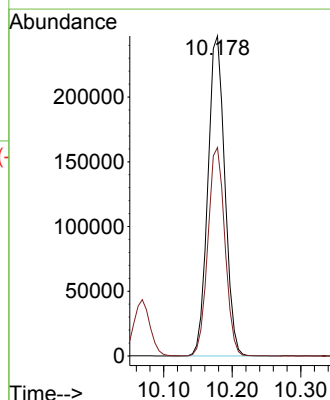
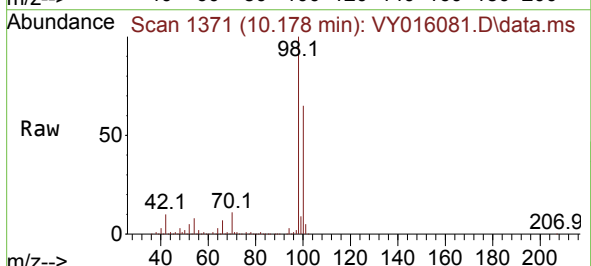
Acq: 26 Oct 2023 15:53

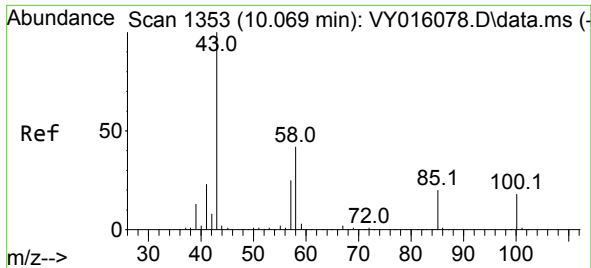
Tgt Ion: 98 Resp: 424997

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 275.842 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

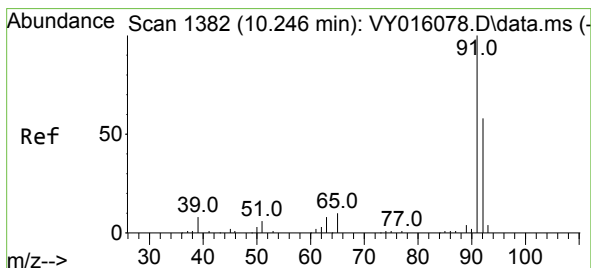
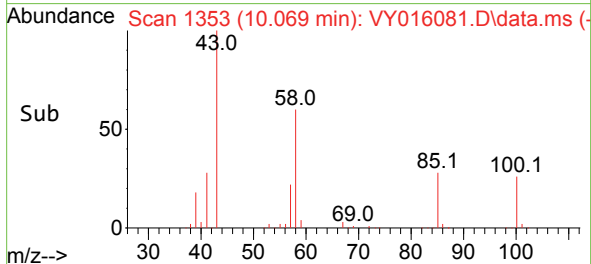
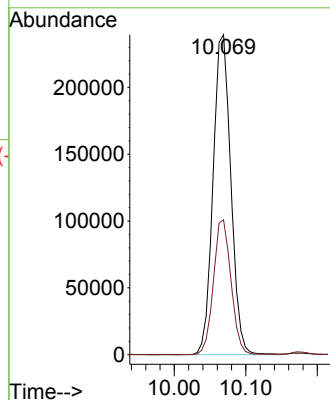
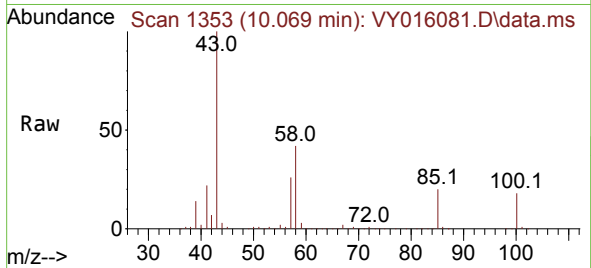
ClientSampleId :

Tgt Ion: 43 Resp: 413646

Ion Ratio Lower Upper

43 100

58 41.7 29.0 43.6



#52

Toluene

Concen: 53.217 ug/l

RT: 10.239 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY016081.D

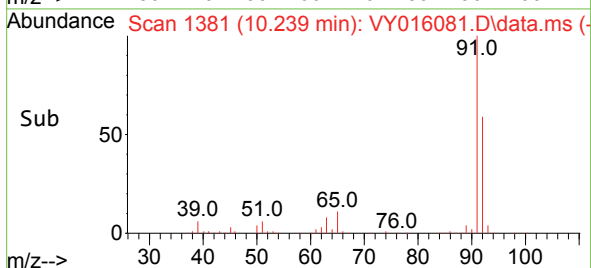
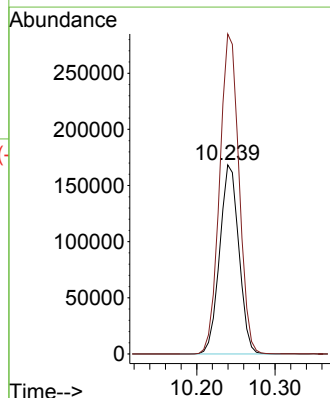
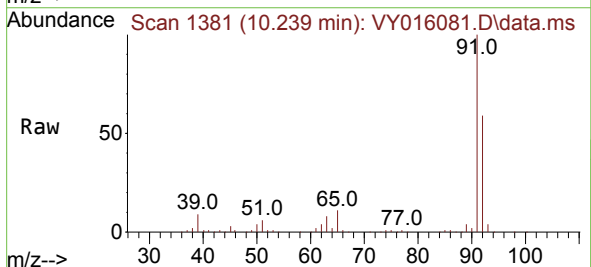
Acq: 26 Oct 2023 15:53

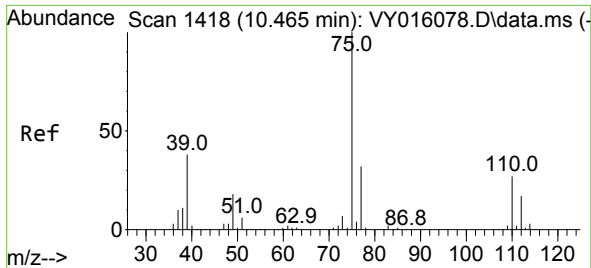
Tgt Ion: 92 Resp: 286905

Ion Ratio Lower Upper

92 100

91 171.1 143.8 215.6

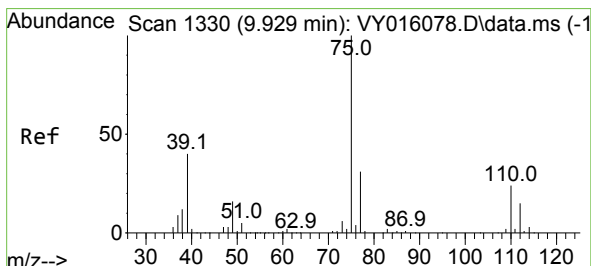
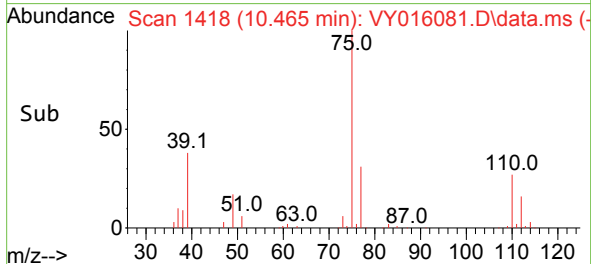
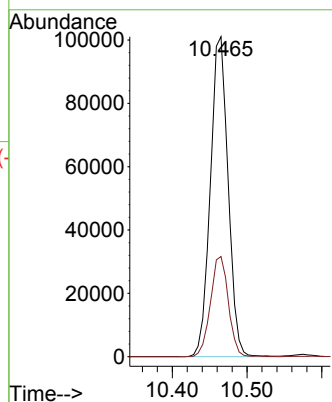
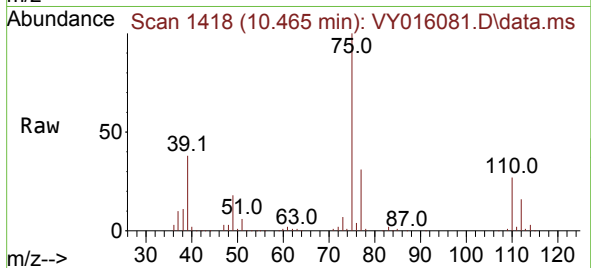




#53
 t-1,3-Dichloropropene
 Concen: 54.085 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY016081.D
 Acq: 26 Oct 2023 15:53

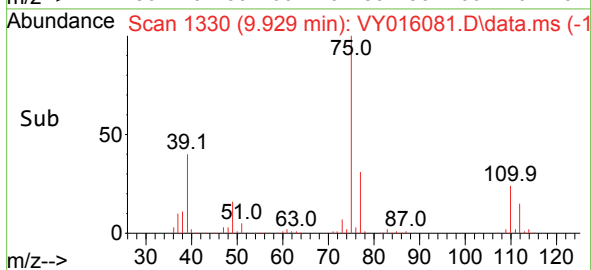
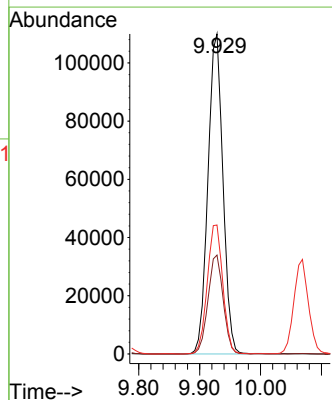
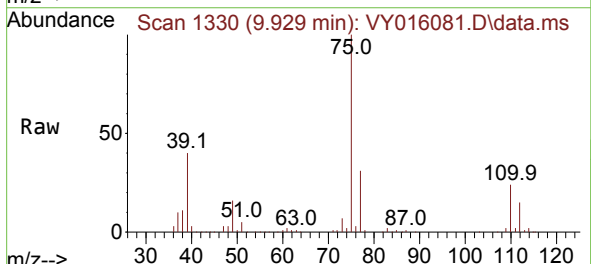
Instrument :
 MSVOA_Y
 ClientSampleId :

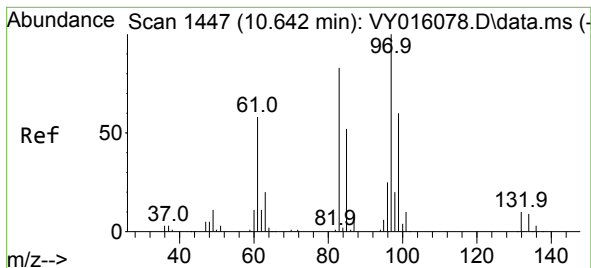
Tgt Ion: 75 Resp: 166650
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 53.927 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY016081.D
 Acq: 26 Oct 2023 15:53

Tgt Ion: 75 Resp: 187913
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.2 36.4
 39 40.3 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 52.922 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

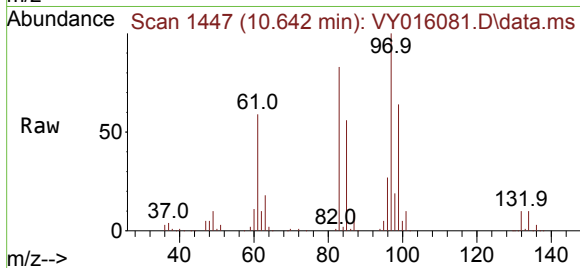
Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 93684

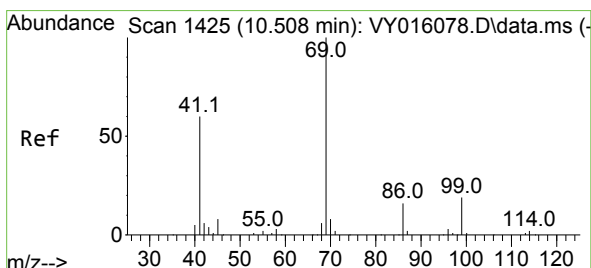
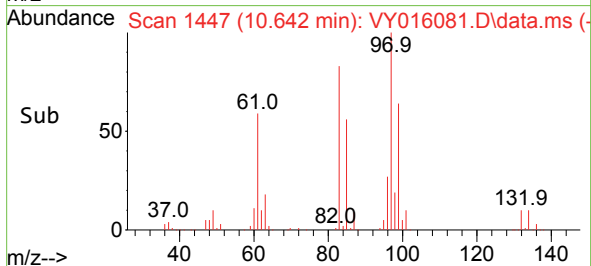
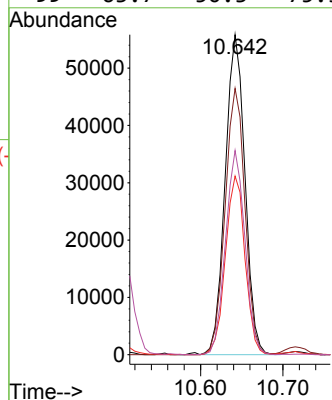
Ion Ratio Lower Upper

97 100

83 83.2 72.0 108.0

85 55.7 45.4 68.0

99 63.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 57.029 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

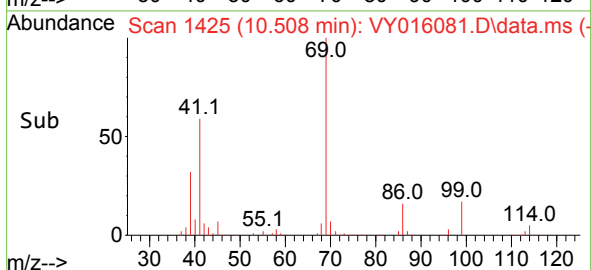
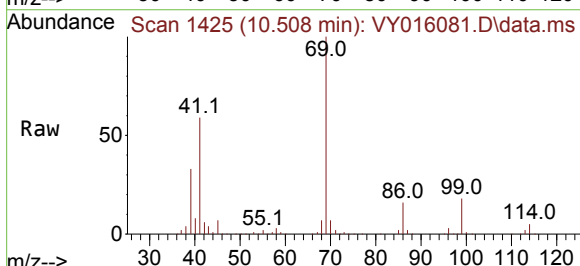
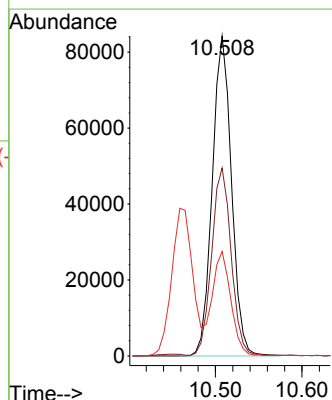
Tgt Ion: 69 Resp: 129744

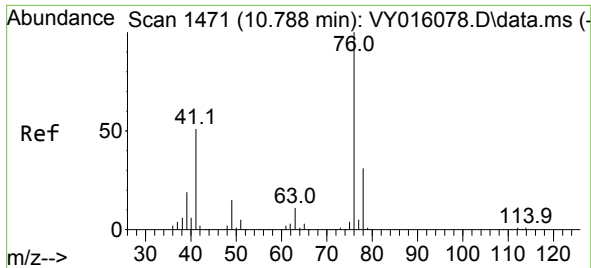
Ion Ratio Lower Upper

69 100

41 59.4 57.6 86.4

39 32.3 34.1 51.1#

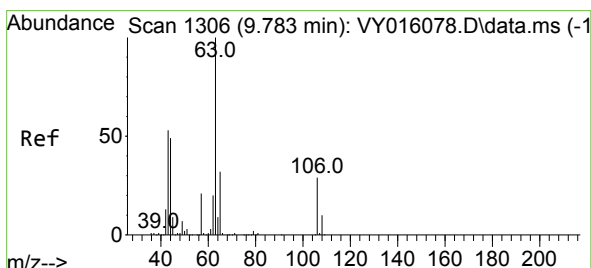
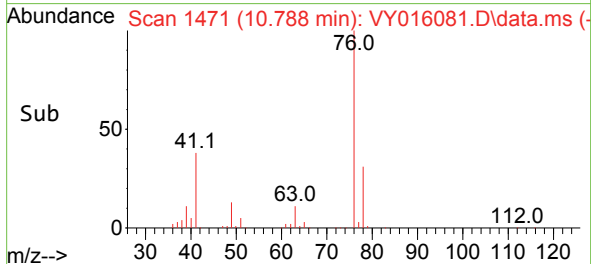
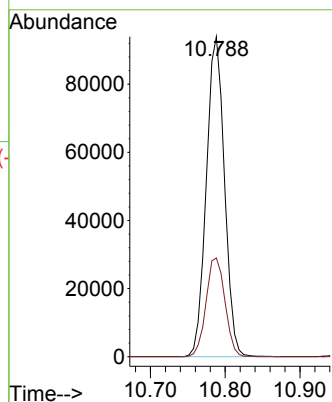
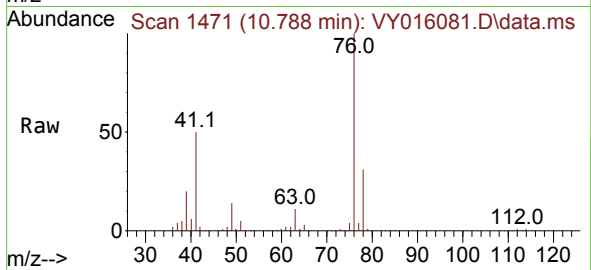




#57
1,3-Dichloropropane
Concen: 53.542 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

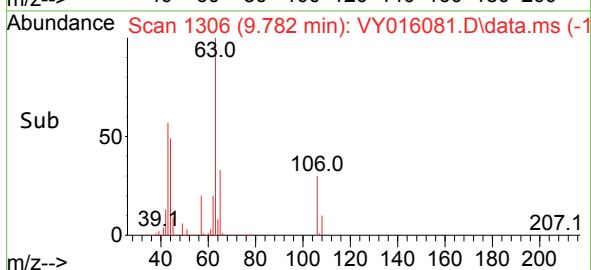
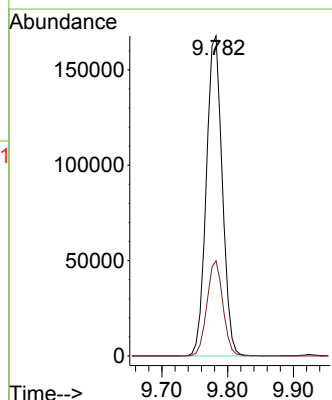
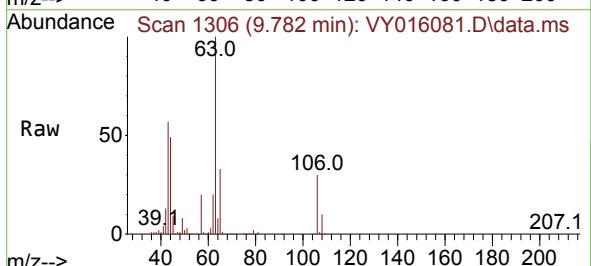
Instrument :
MSVOA_Y
ClientSampleId :

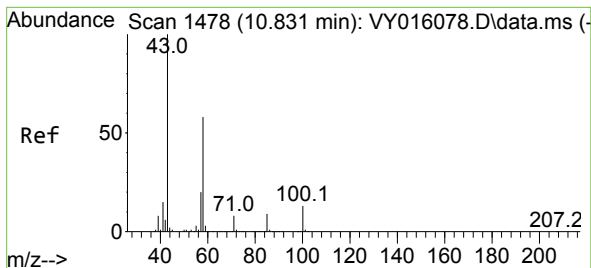
Tgt Ion: 76 Resp: 158441
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 250.219 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Tgt Ion: 63 Resp: 283395
Ion Ratio Lower Upper
63 100
106 29.6 21.2 31.8

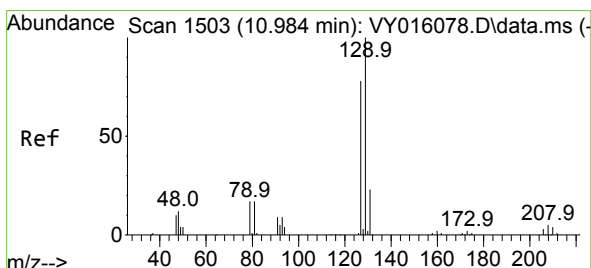
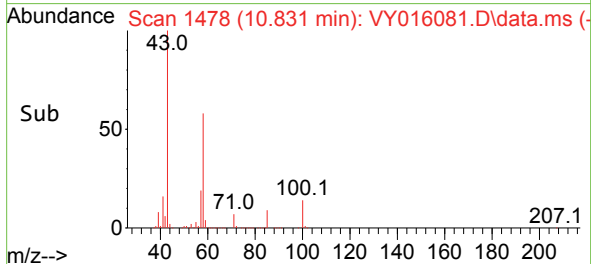
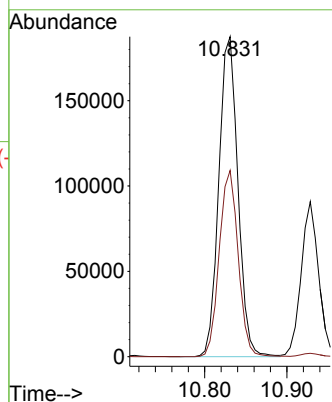
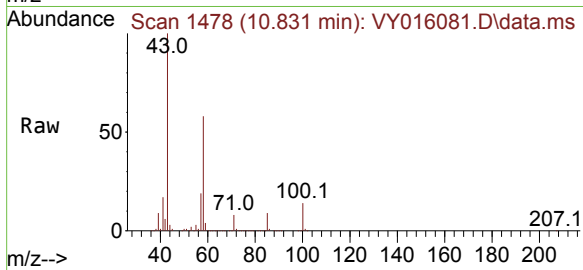




#59
2-Hexanone
Concen: 273.594 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

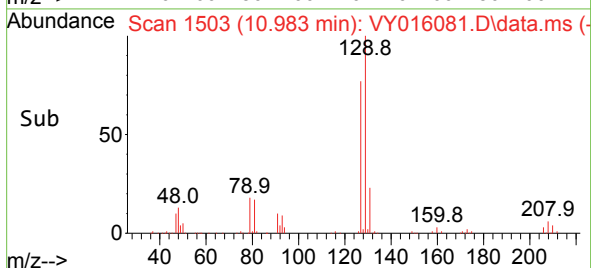
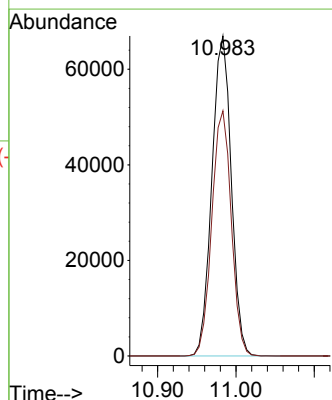
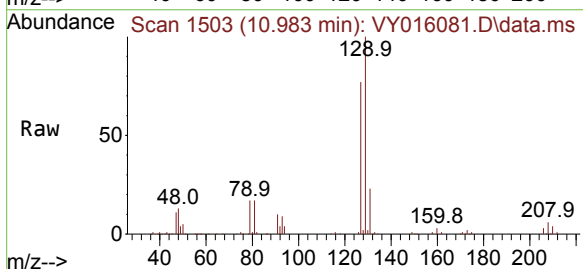
Instrument :
MSVOA_Y
ClientSampleId :

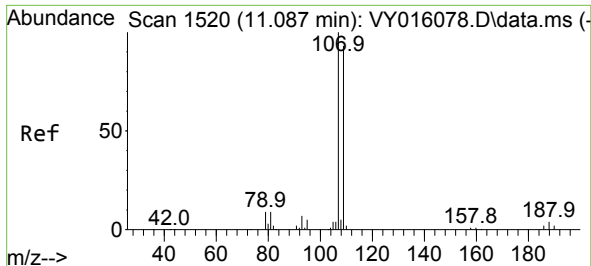
Tgt Ion: 43 Resp: 302222
Ion Ratio Lower Upper
43 100
58 57.8 25.1 75.3



#60
Dibromochloromethane
Concen: 53.042 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Tgt Ion: 129 Resp: 114984
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

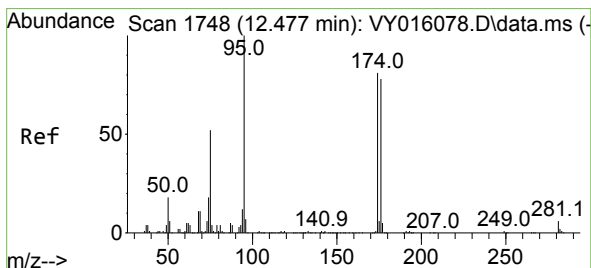
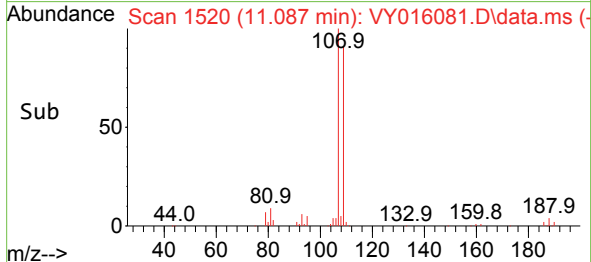
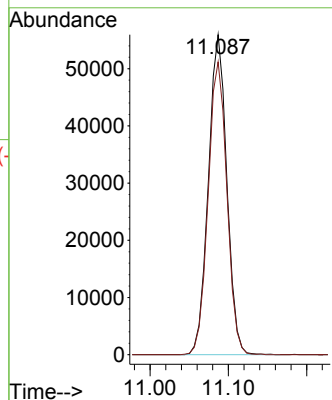
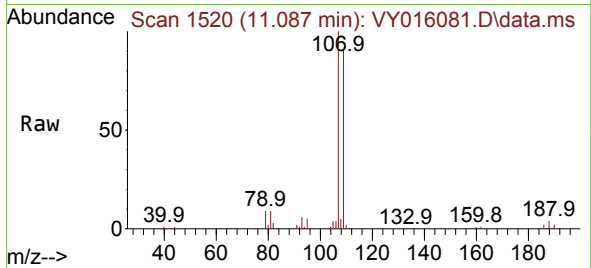




#61
1,2-Dibromoethane
Concen: 53.957 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

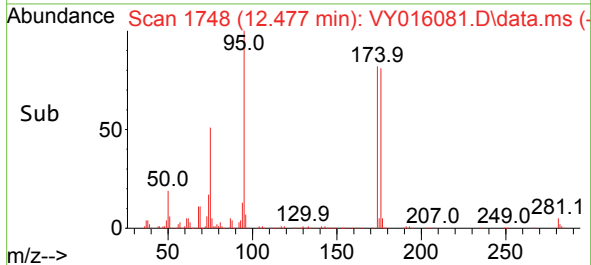
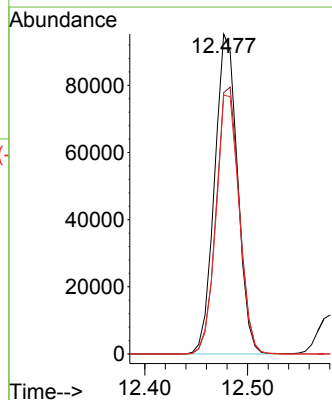
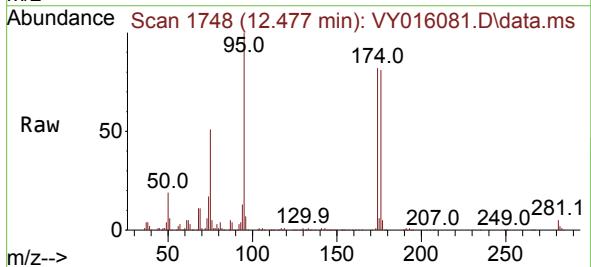
Instrument :
MSVOA_Y
ClientSampleId :

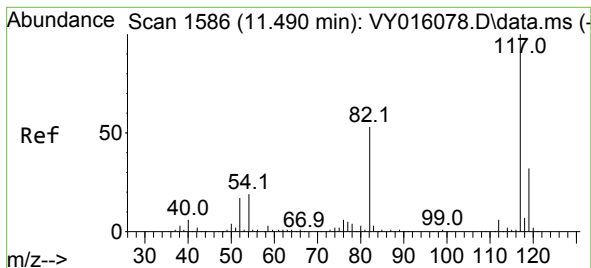
Tgt Ion:107 Resp: 91463
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.397 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Tgt Ion: 95 Resp: 147040
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 81.7 0.0 173.8

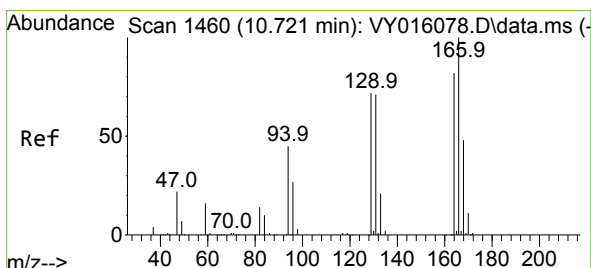
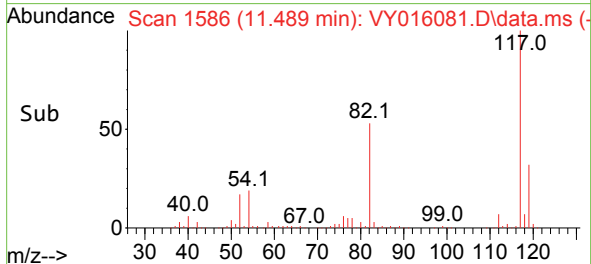
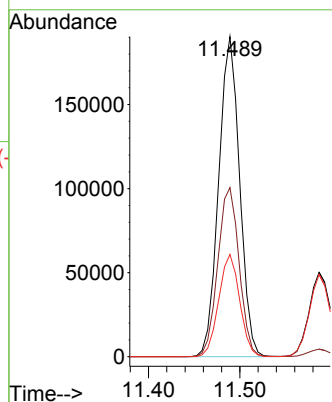
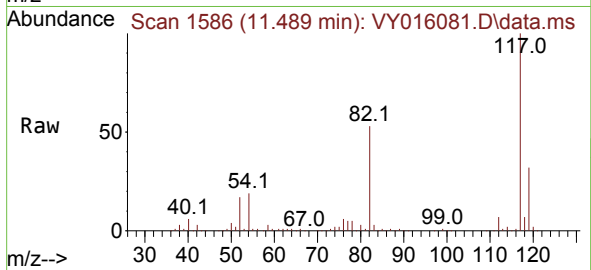




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

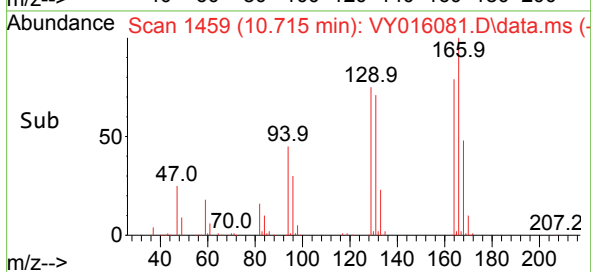
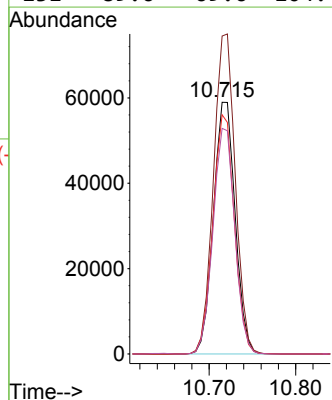
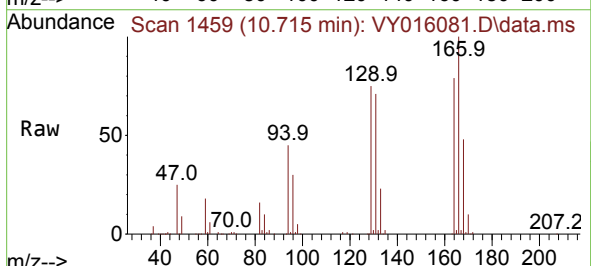
Instrument :
MSVOA_Y
ClientSampleId :

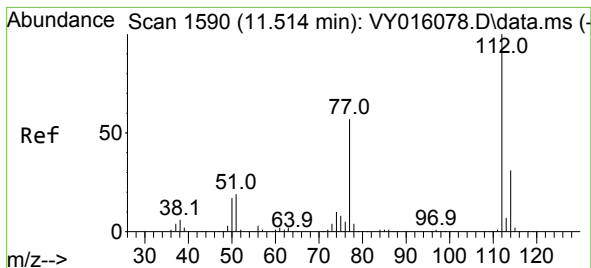
Tgt Ion:117 Resp: 303320
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 32.0 26.3 39.5



#64
Tetrachloroethene
Concen: 51.319 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Tgt Ion:164 Resp: 103009
Ion Ratio Lower Upper
164 100
166 126.3 103.0 154.6
129 95.0 77.2 115.8
131 89.6 69.6 104.4





#65

Chlorobenzene

Concen: 52.386 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

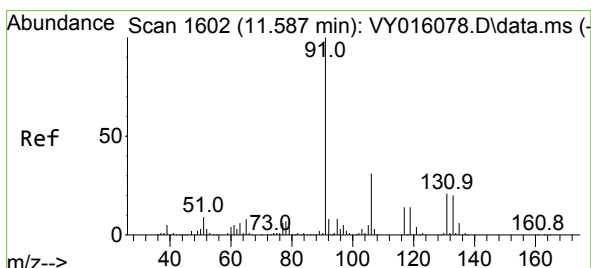
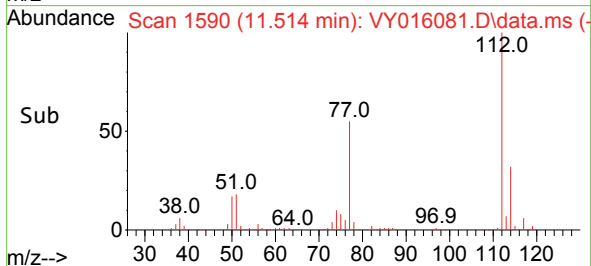
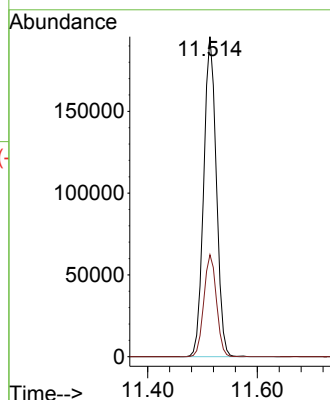
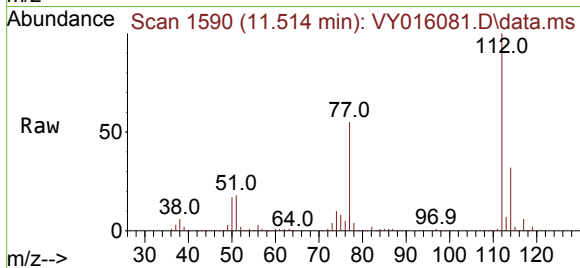
ClientSampleId :

Tgt Ion:112 Resp: 312259

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 52.961 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

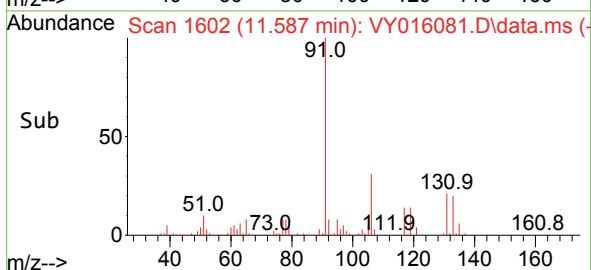
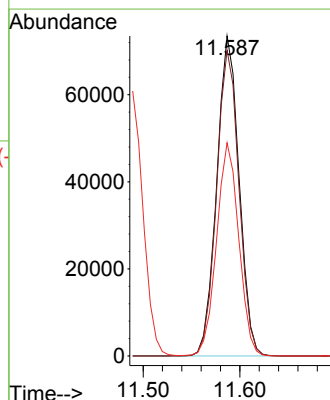
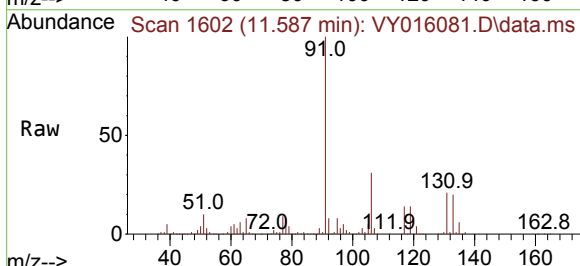
Tgt Ion:131 Resp: 117893

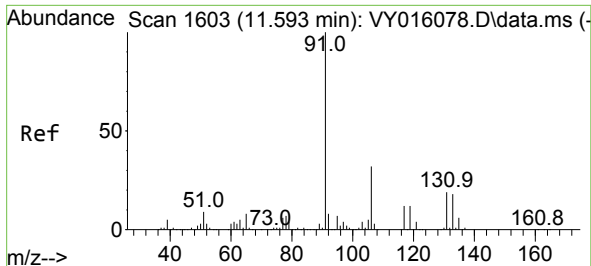
Ion Ratio Lower Upper

131 100

133 95.5 47.5 142.6

119 66.2 31.6 94.7





#67

Ethyl Benzene

Concen: 52.744 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

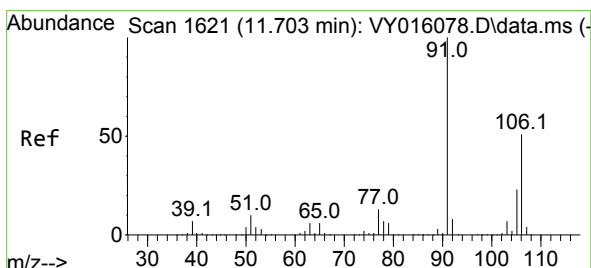
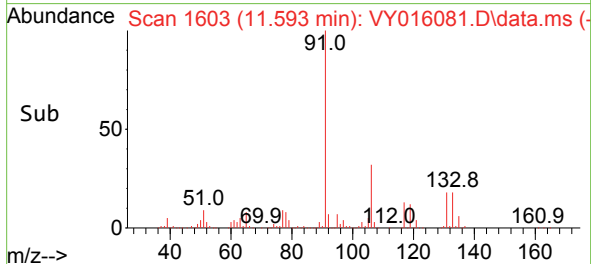
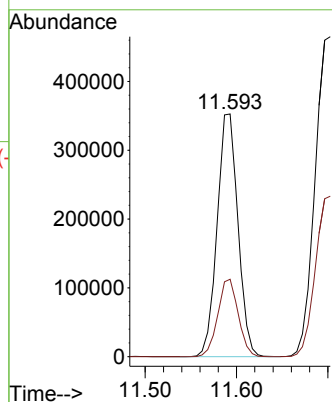
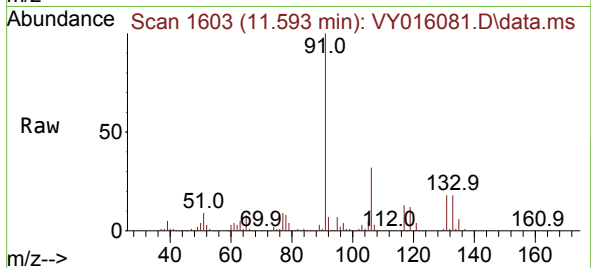
ClientSampleId :

Tgt Ion: 91 Resp: 558420

Ion Ratio Lower Upper

91 100

106 31.9 24.6 36.8



#68

m/p-Xylenes

Concen: 105.530 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY016081.D

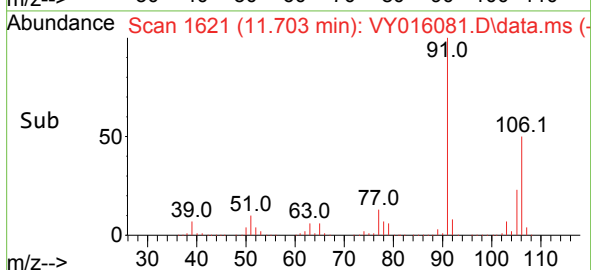
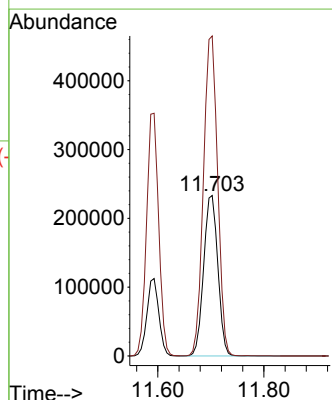
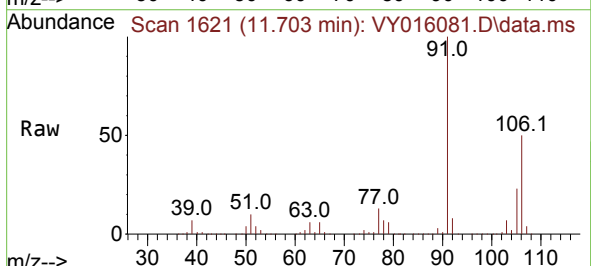
Acq: 26 Oct 2023 15:53

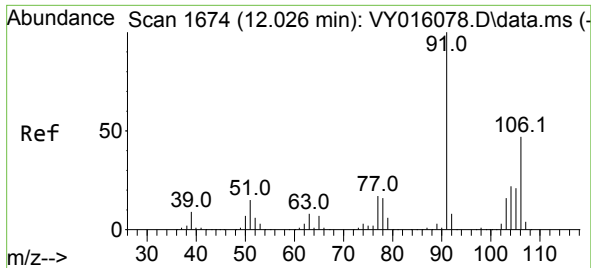
Tgt Ion: 106 Resp: 432382

Ion Ratio Lower Upper

106 100

91 199.5 166.1 249.1

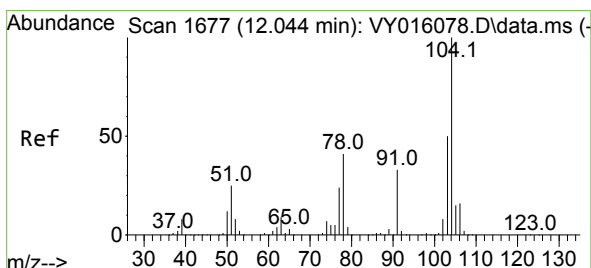
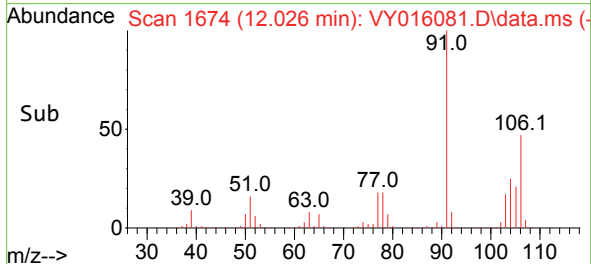
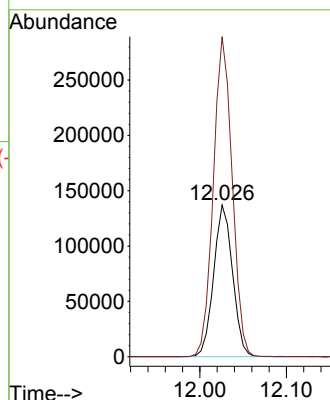
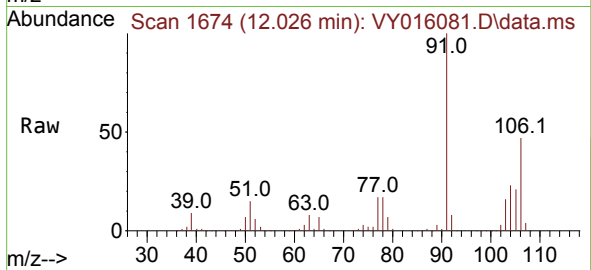




#69
o-Xylene
Concen: 52.875 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

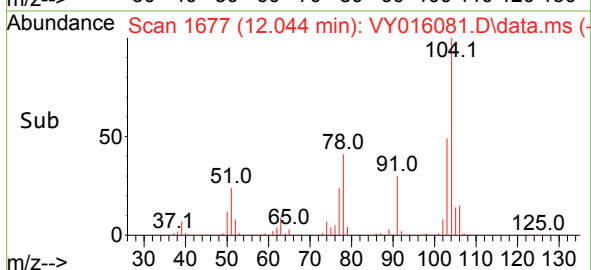
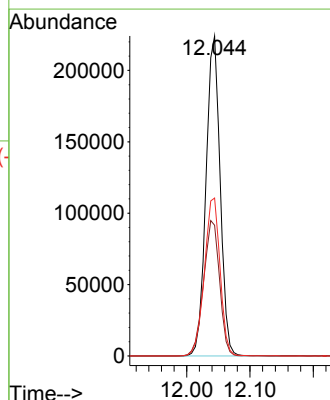
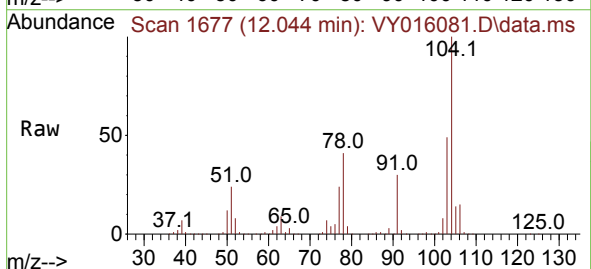
Instrument :
MSVOA_Y
ClientSampleId :

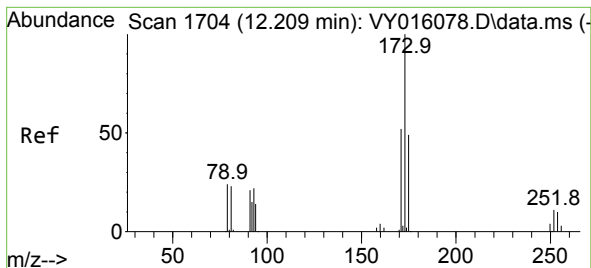
Tgt Ion:106 Resp: 207402
Ion Ratio Lower Upper
106 100
91 211.2 108.1 324.3



#70
Styrene
Concen: 53.459 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Tgt Ion:104 Resp: 349543
Ion Ratio Lower Upper
104 100
78 48.0 41.5 62.3
103 54.7 44.6 67.0





#71

Bromoform

Concen: 53.828 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

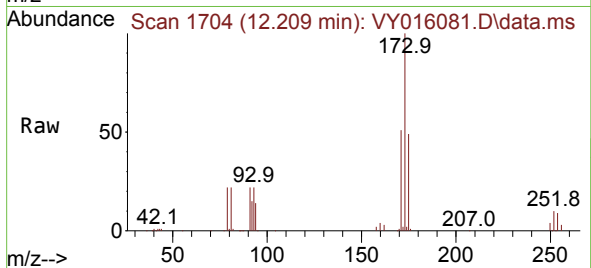
Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :



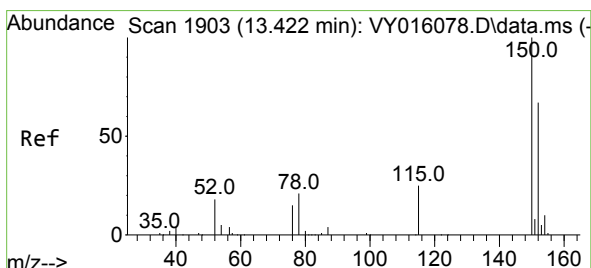
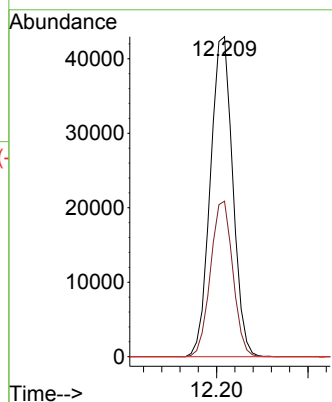
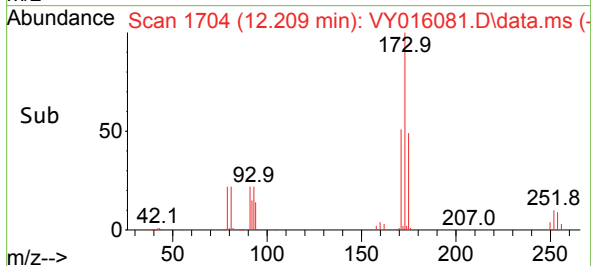
Tgt Ion:173 Resp: 72989

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

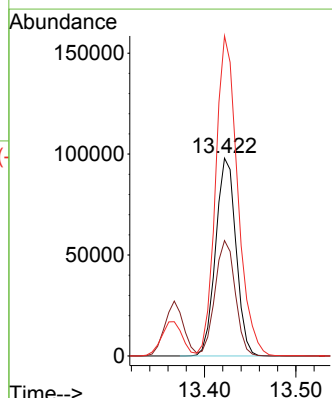
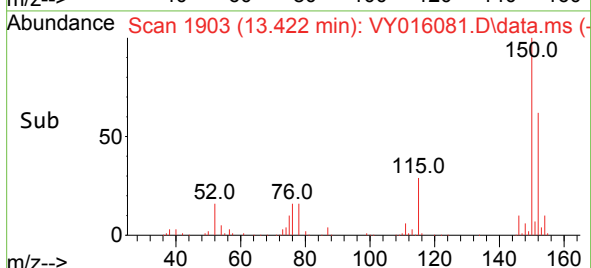
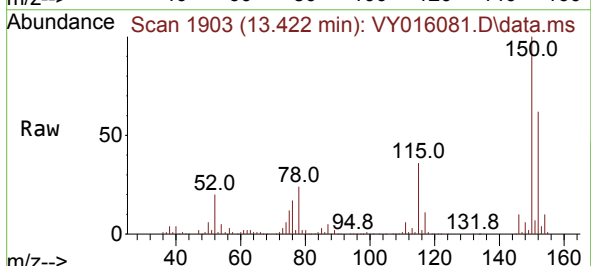
Tgt Ion:152 Resp: 151484

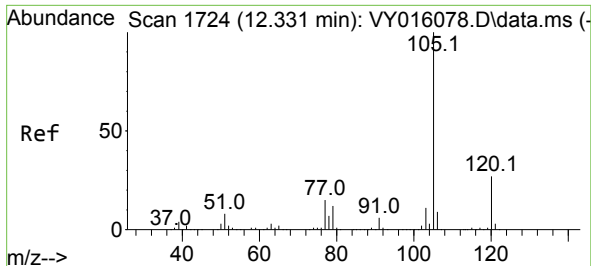
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

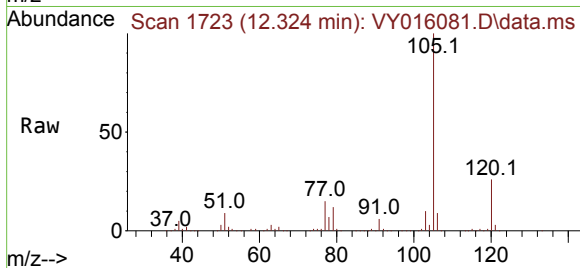
150 175.6 0.0 348.8



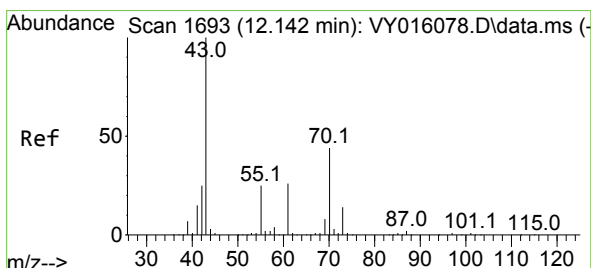
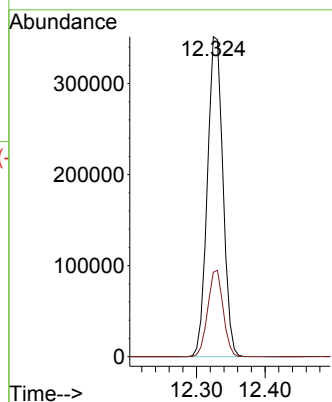
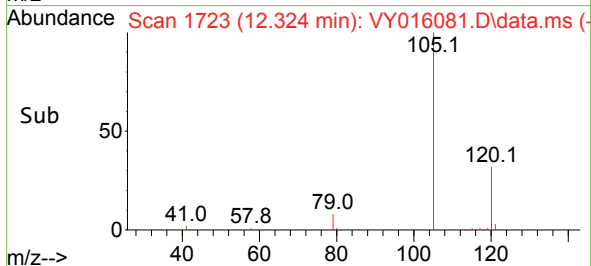


#73
Isopropylbenzene
Concen: 52.023 ug/l
RT: 12.324 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

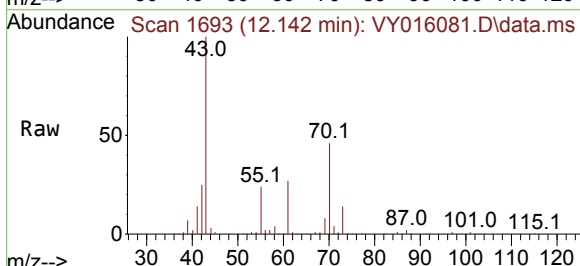
Instrument :
MSVOA_Y
ClientSampleId :



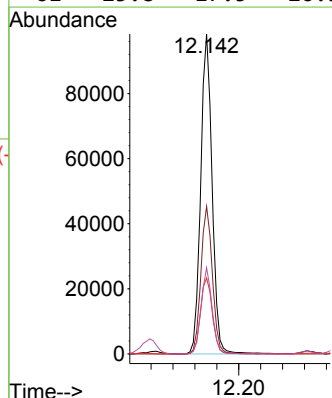
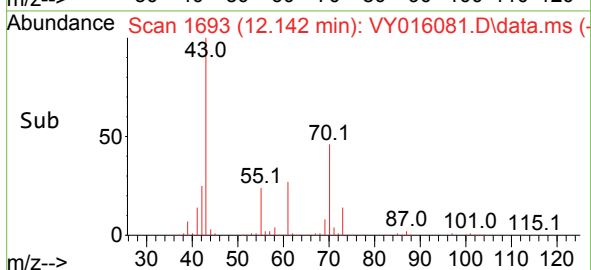
Tgt Ion:105 Resp: 554613
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9

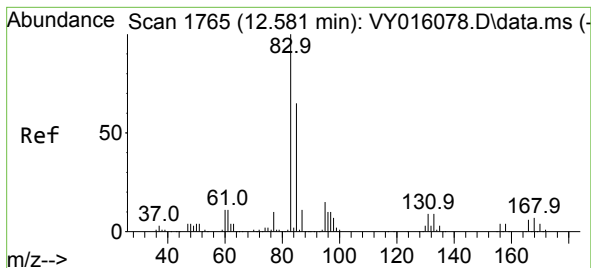


#74
N-ethyl acetate
Concen: 54.897 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53



Tgt Ion: 43 Resp: 142706
Ion Ratio Lower Upper
43 100
70 46.1 29.7 44.5#
55 24.8 18.3 27.5
61 25.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 52.864 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

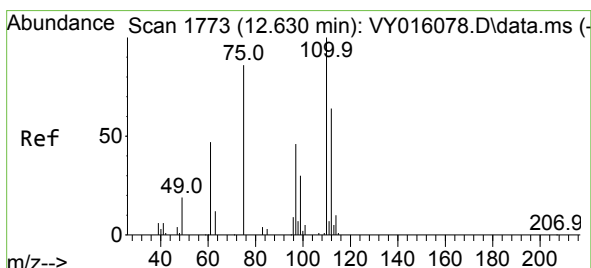
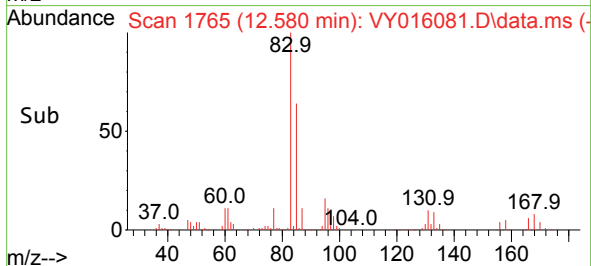
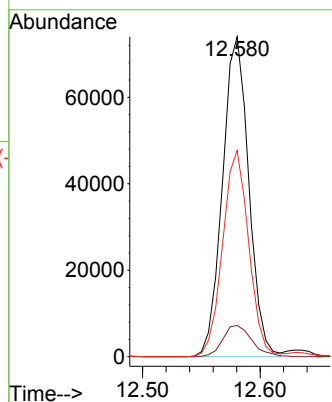
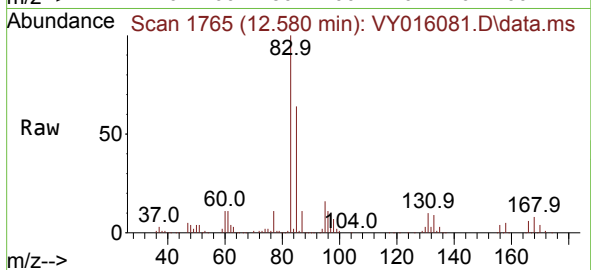
Tgt Ion: 83 Resp: 115204

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

85 63.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 92.562 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY016081.D

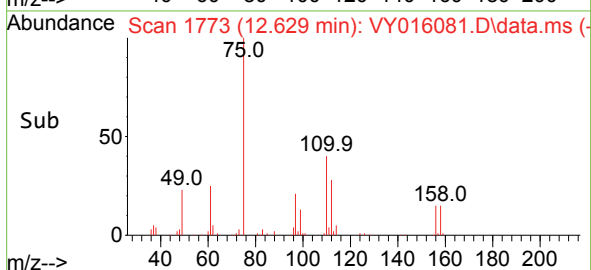
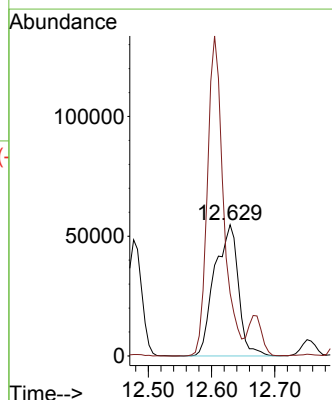
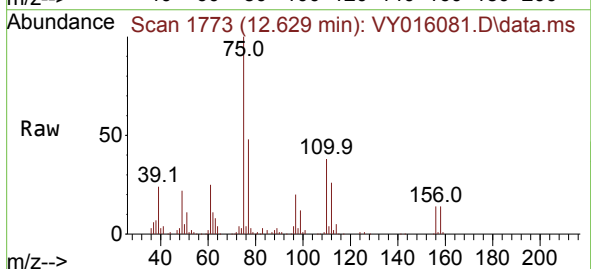
Acq: 26 Oct 2023 15:53

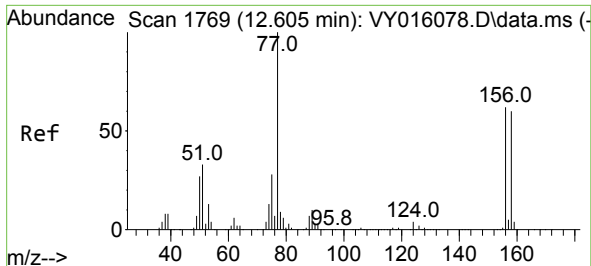
Tgt Ion: 75 Resp: 143155

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

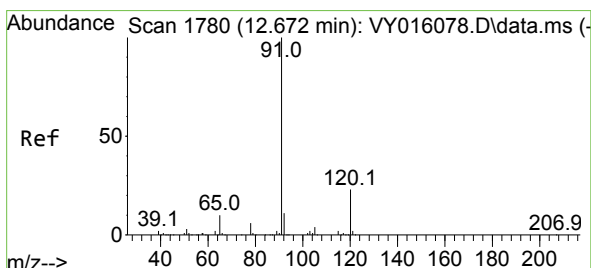
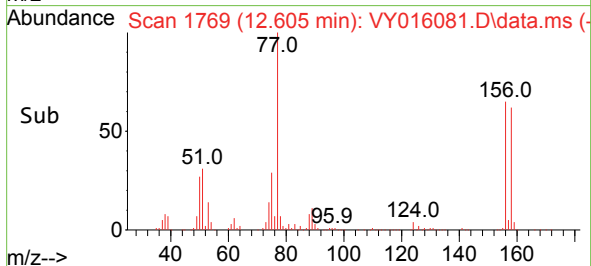
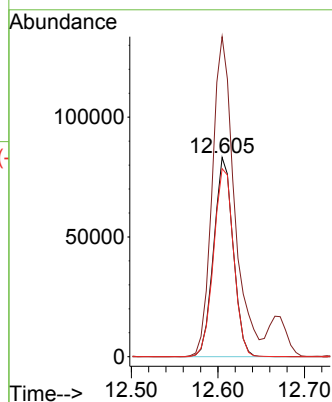
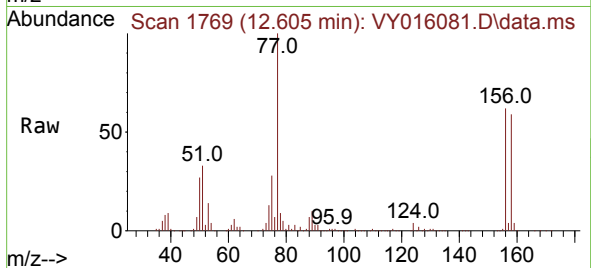




#77
Bromobenzene
Concen: 52.195 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

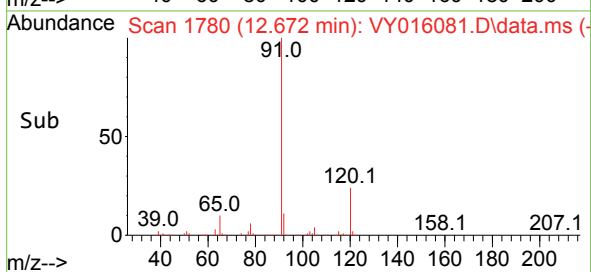
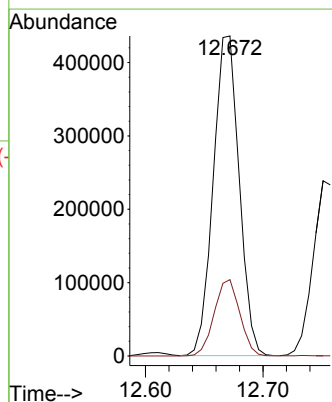
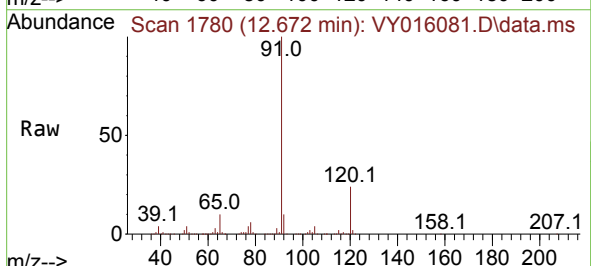
Instrument :
MSVOA_Y
ClientSampleId :

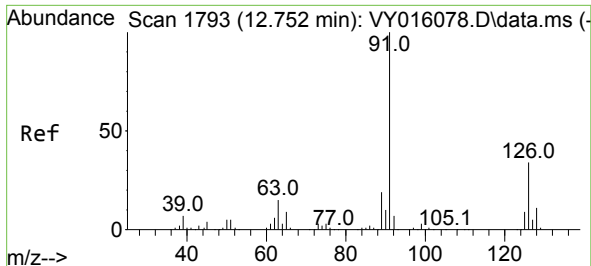
Tgt Ion:156 Resp: 129865
Ion Ratio Lower Upper
156 100
77 182.1 92.8 278.6
158 97.2 48.4 145.3



#78
n-propylbenzene
Concen: 51.793 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Tgt Ion: 91 Resp: 668557
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4

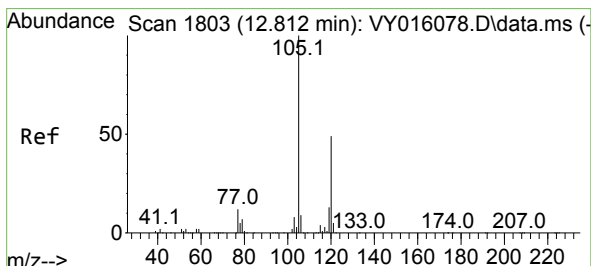
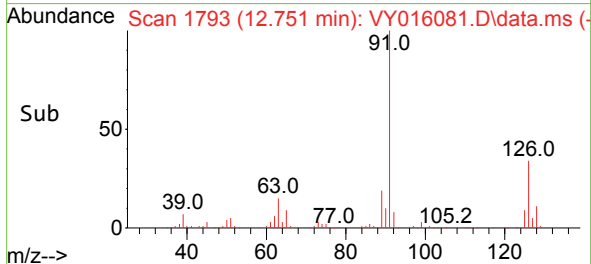
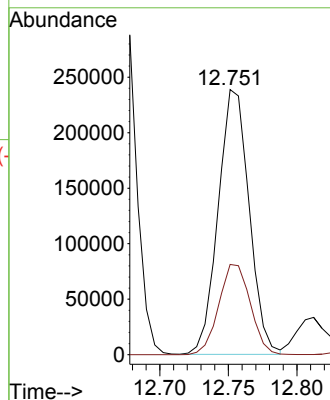
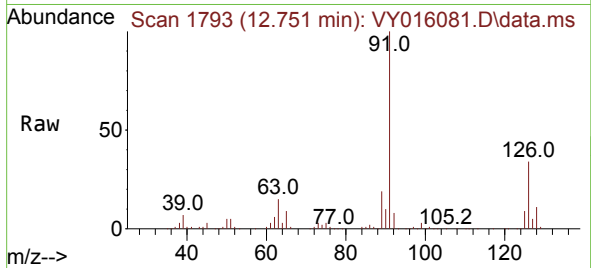




#79
2-Chlorotoluene
Concen: 51.937 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

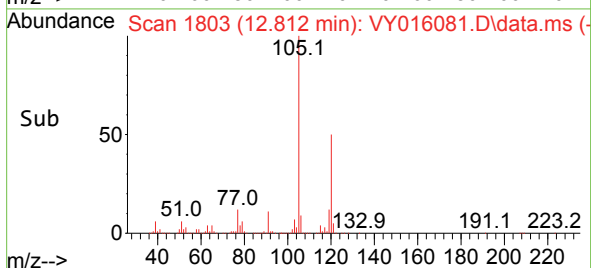
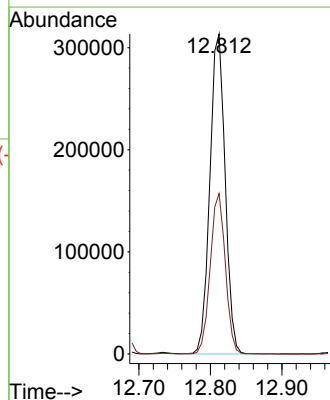
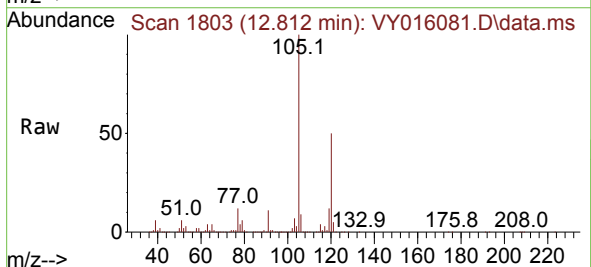
Instrument :
MSVOA_Y
ClientSampleId :

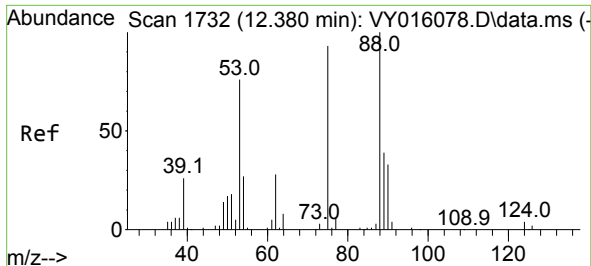
Tgt Ion: 91 Resp: 375476
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 52.483 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

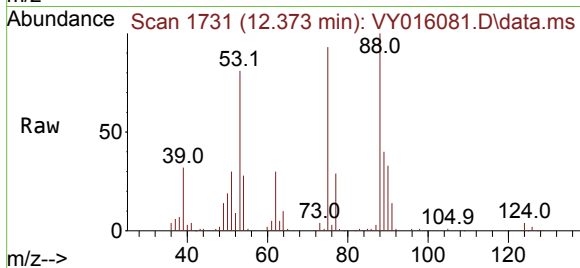
Tgt Ion: 105 Resp: 464542
Ion Ratio Lower Upper
105 100
120 49.7 23.9 71.7



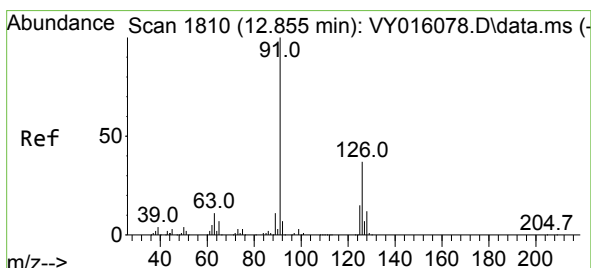
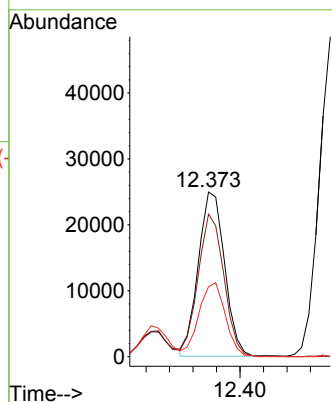
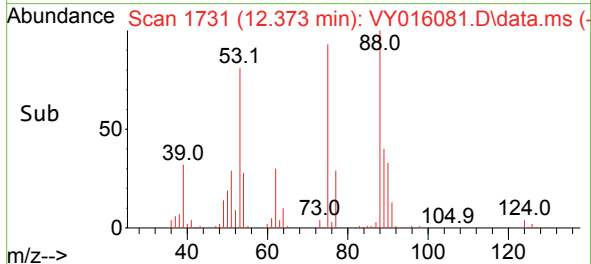


#81
trans-1,4-Dichloro-2-butene
Concen: 54.591 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Instrument :
MSVOA_Y
ClientSampleId :

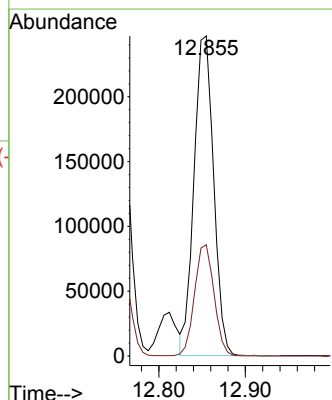
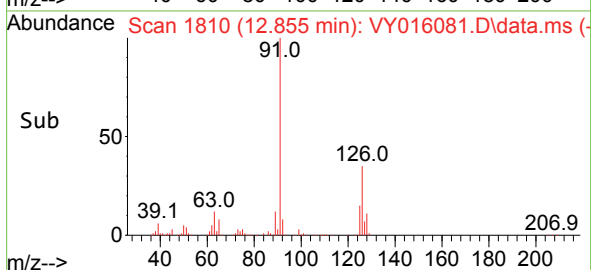
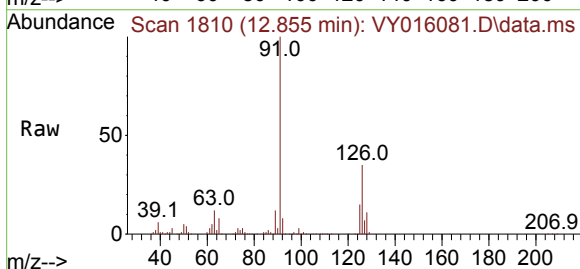


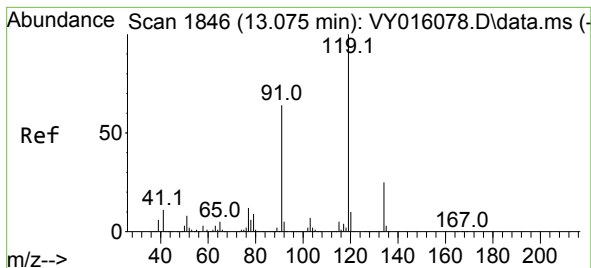
Tgt Ion:	75	Resp:	38852
Ion	Ratio	Lower	Upper
75	100		
53	85.3	77.8	116.8
89	45.3	37.4	56.0



#82
4-Chlorotoluene
Concen: 51.723 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Tgt Ion:	91	Resp:	387783
Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.2	51.6





#83

tert-Butylbenzene

Concen: 53.024 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

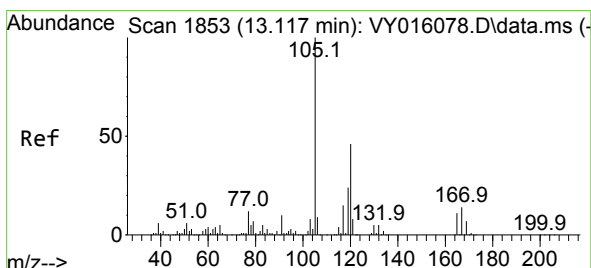
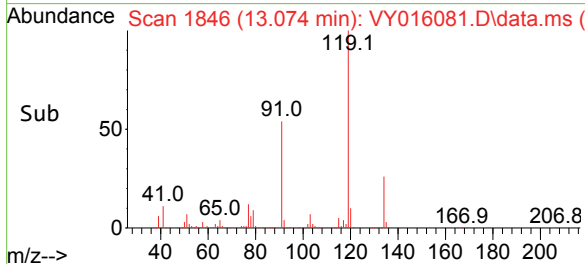
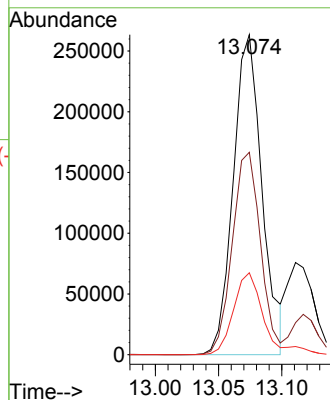
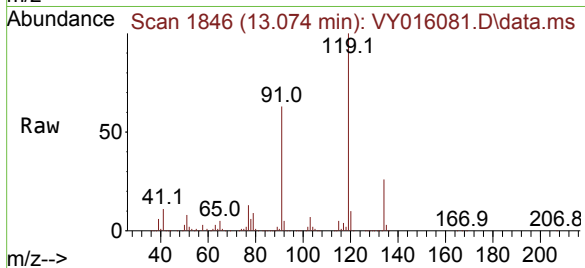
Tgt Ion:119 Resp: 417178

Ion Ratio Lower Upper

119 100

91 62.0 32.9 98.6

134 26.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.818 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY016081.D

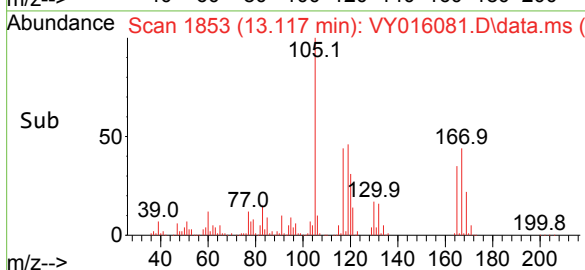
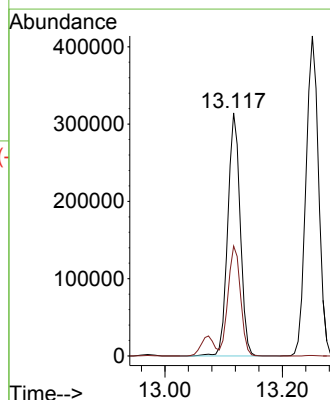
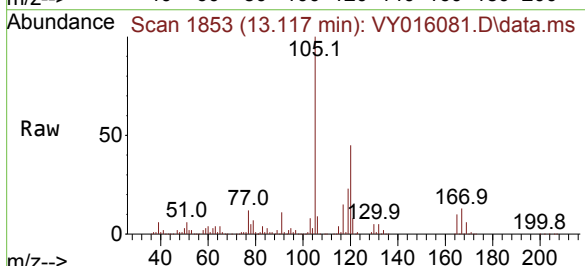
Acq: 26 Oct 2023 15:53

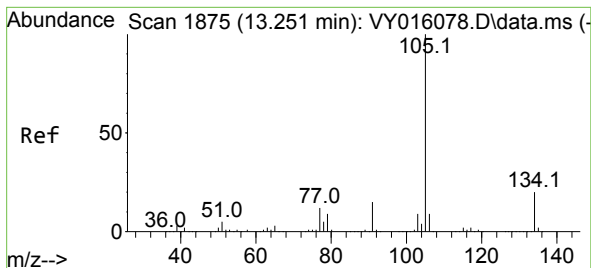
Tgt Ion:105 Resp: 461725

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 52.553 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

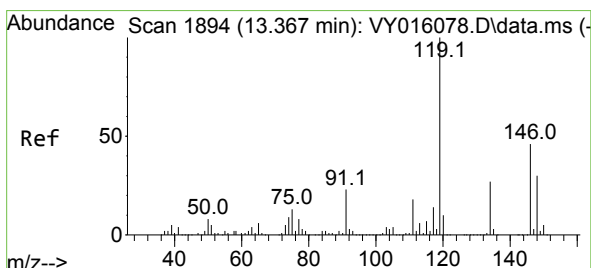
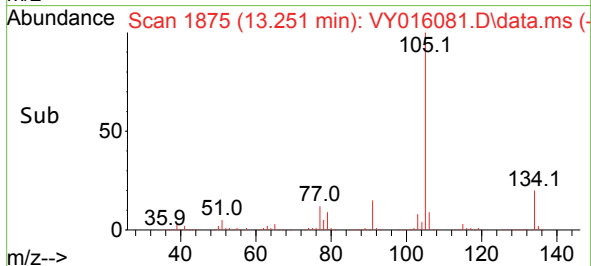
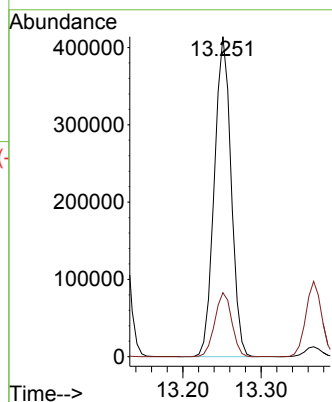
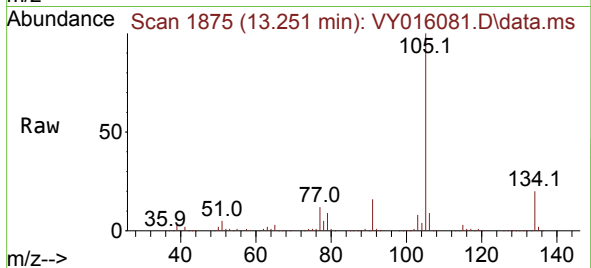
ClientSampleId :

Tgt Ion:105 Resp: 615831

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 52.571 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

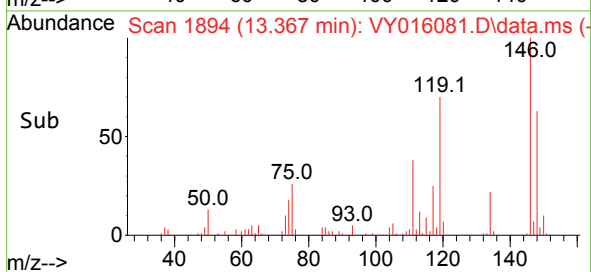
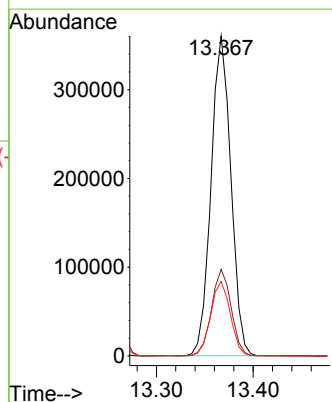
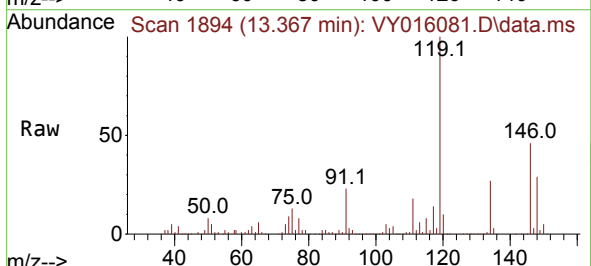
Tgt Ion:119 Resp: 514038

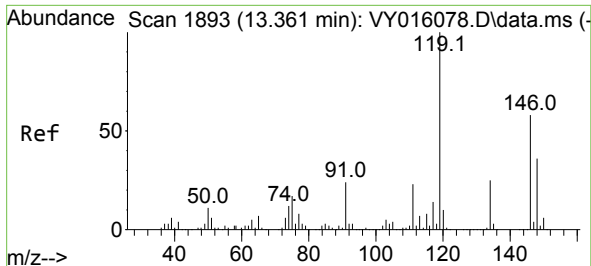
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 23.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 52.147 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

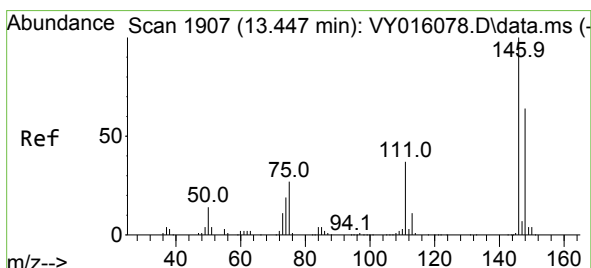
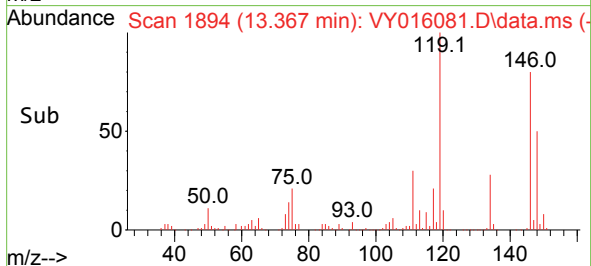
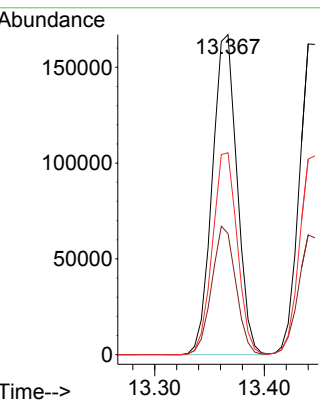
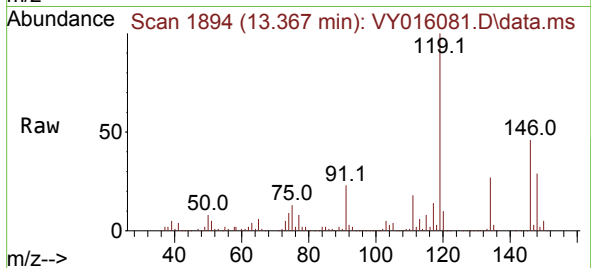
Tgt Ion:146 Resp: 261988

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

148 63.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 52.020 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

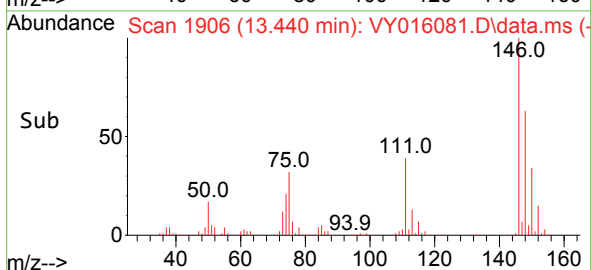
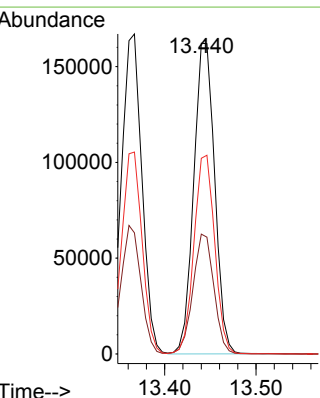
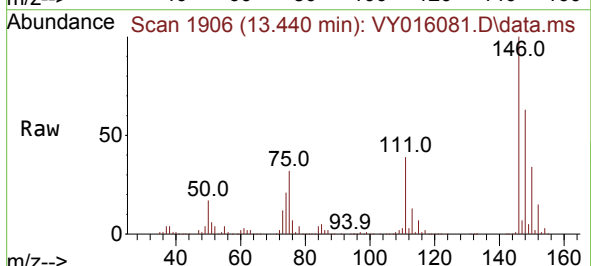
Tgt Ion:146 Resp: 258295

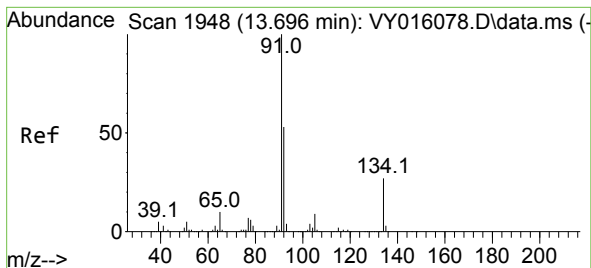
Ion Ratio Lower Upper

146 100

111 38.4 18.9 56.7

148 63.2 32.1 96.5





#89

n-Butylbenzene

Concen: 53.738 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

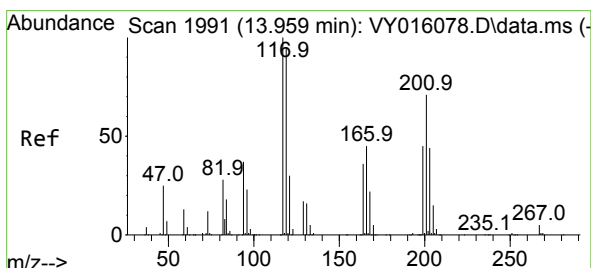
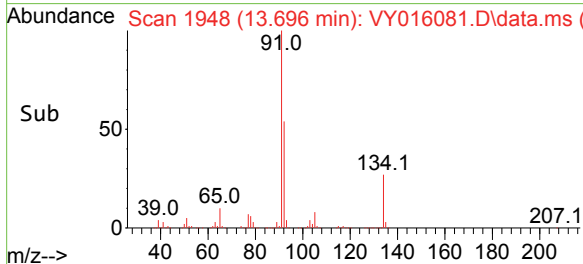
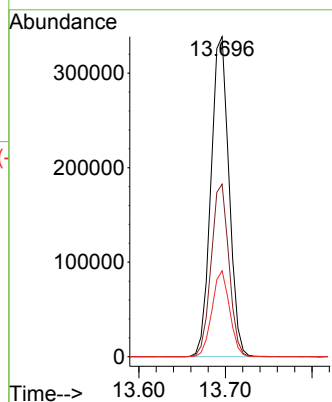
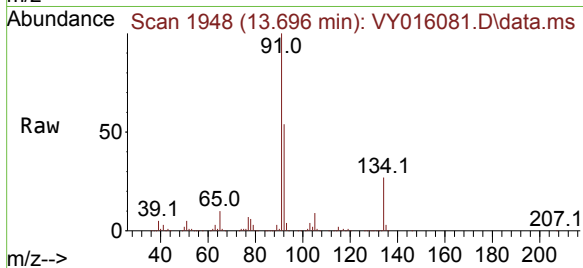
Tgt Ion: 91 Resp: 490157

Ion Ratio Lower Upper

91 100

92 53.2 25.4 76.0

134 26.2 12.6 37.6



#90

Hexachloroethane

Concen: 51.687 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY016081.D

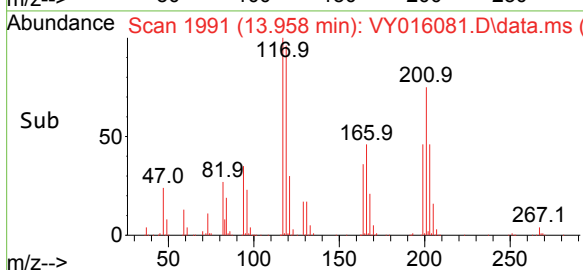
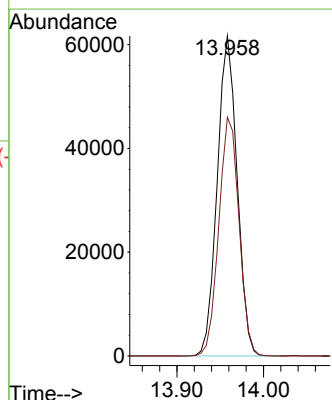
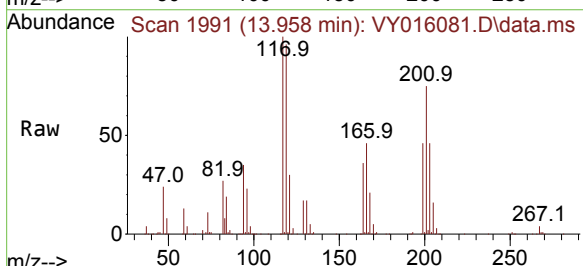
Acq: 26 Oct 2023 15:53

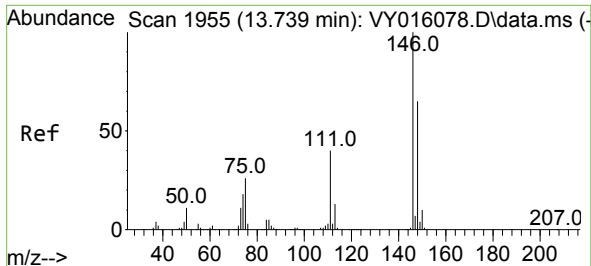
Tgt Ion: 117 Resp: 98396

Ion Ratio Lower Upper

117 100

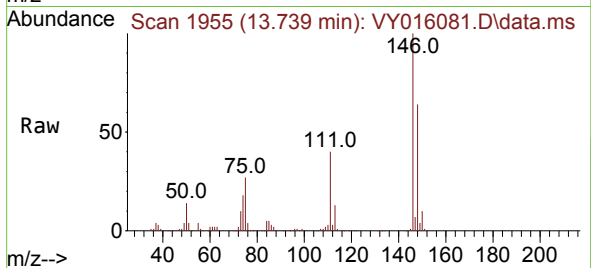
201 75.8 41.6 124.8



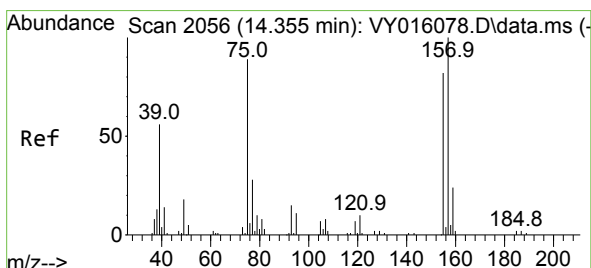
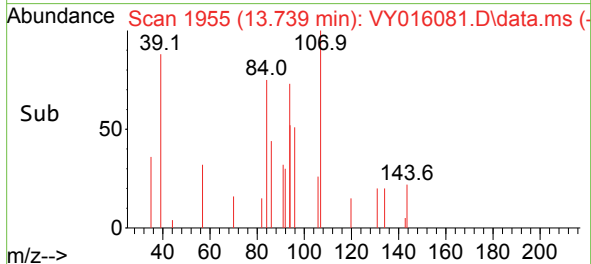
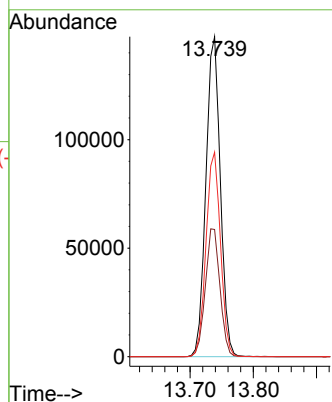


#91
1,2-Dichlorobenzene
Concen: 52.657 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Instrument :
MSVOA_Y
ClientSampleId :

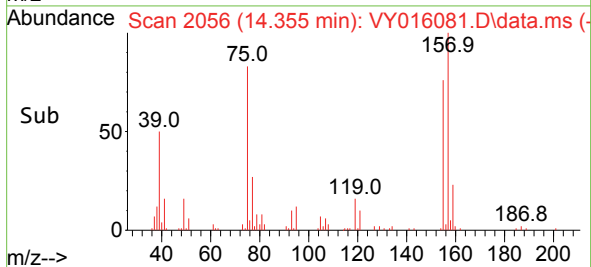
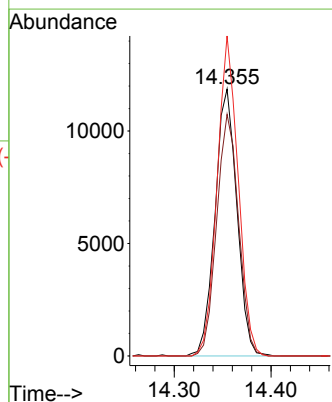
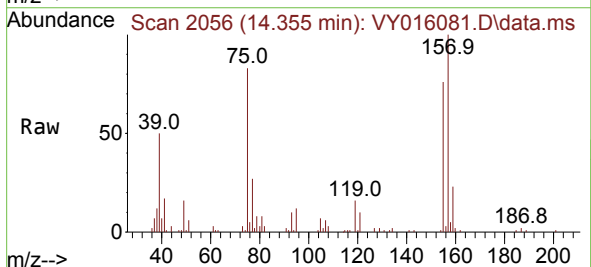


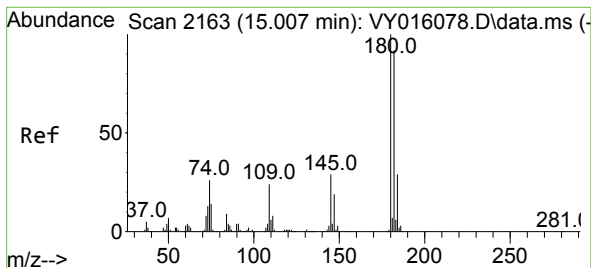
Tgt Ion:146 Resp: 234231
Ion Ratio Lower Upper
146 100
111 40.6 19.7 59.0
148 63.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.368 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY016081.D
Acq: 26 Oct 2023 15:53

Tgt Ion: 75 Resp: 18601
Ion Ratio Lower Upper
75 100
155 90.6 41.5 124.6
157 114.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 54.396 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

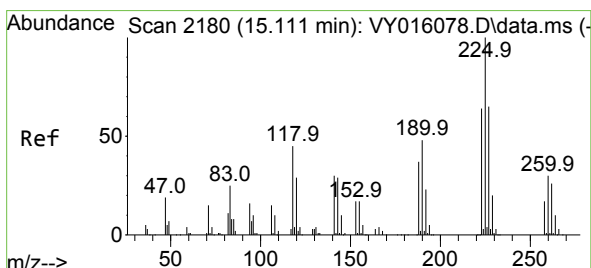
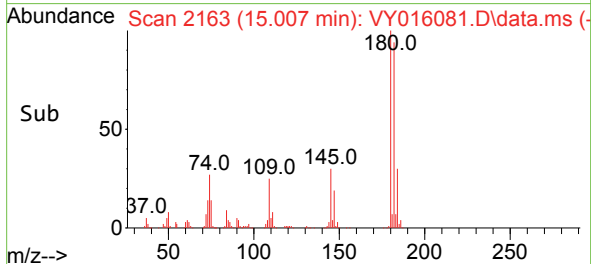
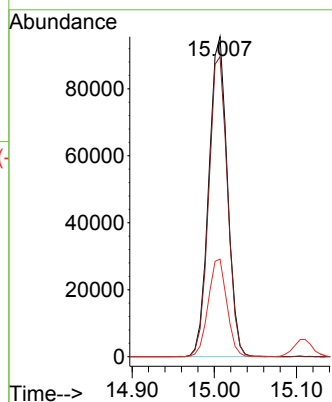
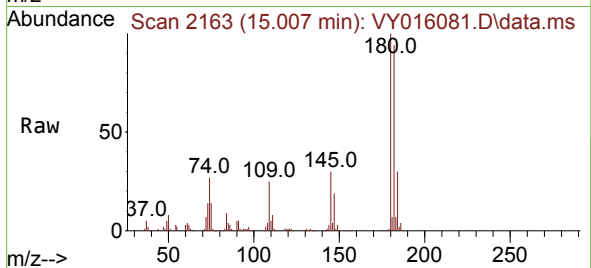
Tgt Ion:180 Resp: 149694

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.2

145 30.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 53.307 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

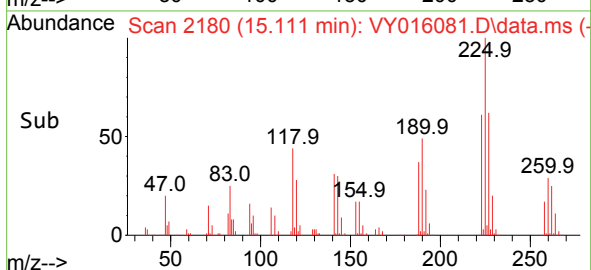
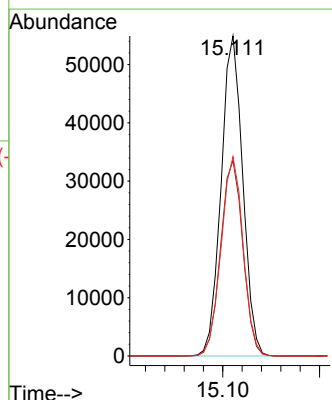
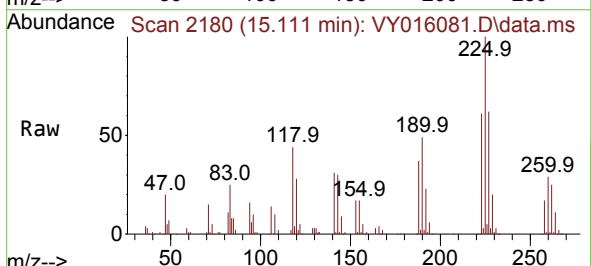
Tgt Ion:225 Resp: 85142

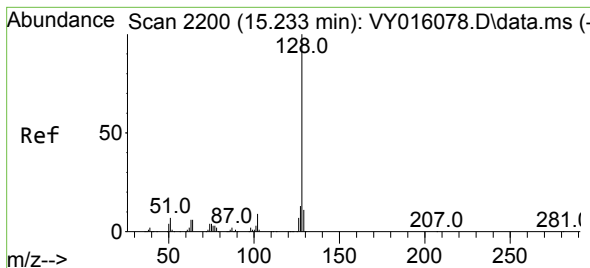
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.9

227 63.4 33.0 98.9





#95

Naphthalene

Concen: 57.481 ug/l

RT: 15.232 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

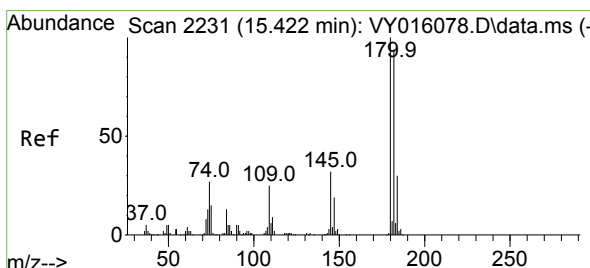
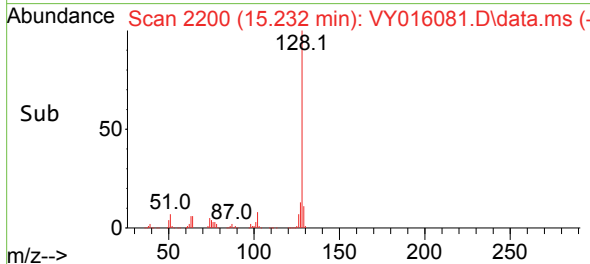
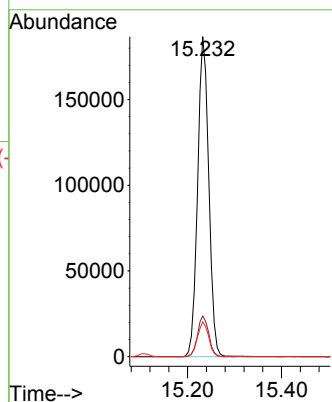
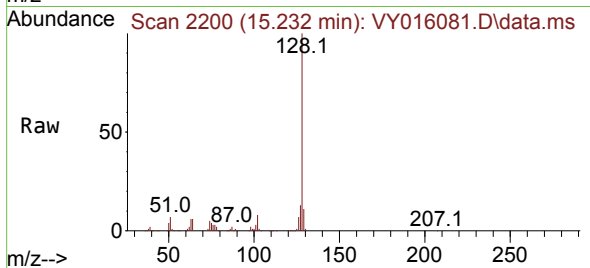
Tgt Ion:128 Resp: 308498

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 55.076 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY016081.D

Acq: 26 Oct 2023 15:53

Tgt Ion:180 Resp: 130705

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.8

145 31.9 15.4 46.2

