

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016076.D
 Acq On : 26 Oct 2023 11:59
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 03:56:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 03:53:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	201446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	329864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	296681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144971	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	21585	10.776	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.560%#
35) Dibromofluoromethane	7.722	113	22463	10.787	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	21.580%#
50) Toluene-d8	10.179	98	80025	10.375	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.740%#
62) 4-Bromofluorobenzene	12.483	95	27603	10.432	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	20.860%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	13989	10.062	ug/l	98
3) Chloromethane	2.113	50	17212	10.103	ug/l	95
4) Vinyl Chloride	2.253	62	19522	10.031	ug/l	99
5) Bromomethane	2.650	94	14873	10.281	ug/l	95
6) Chloroethane	2.790	64	13544	10.160	ug/l	98
7) Trichlorofluoromethane	3.125	101	31668	10.168	ug/l	96
8) Diethyl Ether	3.528	74	10677	10.228	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.900	101	19306	10.275	ug/l	95
10) Methyl Iodide	4.089	142	23920	9.964	ug/l	95
11) Tert butyl alcohol	4.936	59	16662	50.122	ug/l #	92
12) 1,1-Dichloroethene	3.869	96	17419	10.119	ug/l	94
13) Acrolein	3.735	56	13326	53.414	ug/l	98
14) Allyl chloride	4.479	41	27518	10.226	ug/l	91
15) Acrylonitrile	5.155	53	26431	51.613	ug/l	98
16) Acetone	3.948	43	28551	52.587	ug/l	90
17) Carbon Disulfide	4.192	76	48558	10.198	ug/l	100
18) Methyl Acetate	4.473	43	19608	10.215	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	49051	9.992	ug/l	97
20) Methylene Chloride	4.716	84	28864	8.854	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	20005	10.026	ug/l	91
22) Diisopropyl ether	6.119	45	59971	10.192	ug/l	92
23) Vinyl Acetate	6.058	43	158671	50.331	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	36323	10.247	ug/l	94
25) 2-Butanone	6.984	43	38237	52.181	ug/l	94
26) 2,2-Dichloropropane	6.978	77	33599	10.196	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	23772	10.145	ug/l	94
28) Bromochloromethane	7.338	49	14147	9.755	ug/l	90
29) Tetrahydrofuran	7.350	42	21293	50.645	ug/l	94
30) Chloroform	7.503	83	38514	10.285	ug/l	99
31) Cyclohexane	7.783	56	32657	10.363	ug/l #	82
32) 1,1,1-Trichloroethane	7.704	97	34166	10.172	ug/l	99
36) 1,1-Dichloropropene	7.917	75	29715	10.237	ug/l	99
37) Ethyl Acetate	7.070	43	14823	9.963	ug/l #	92
38) Carbon Tetrachloride	7.899	117	30703	10.002	ug/l	99
39) Methylcyclohexane	9.185	83	35091	9.923	ug/l	89
40) Benzene	8.161	78	83452	10.154	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	20395	26.193	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	24357	10.257	ug/l	91
43) Isopropyl Acetate	8.271	43	28071	10.091	ug/l	92
44) Trichloroethene	8.941	130	23100	10.066	ug/l	96
45) 1,2-Dichloropropane	9.216	63	20744	9.973	ug/l	95
46) Dibromomethane	9.307	93	12426	10.189	ug/l	96
47) Bromodichloromethane	9.496	83	29155	9.885	ug/l	93
48) Methyl methacrylate	9.289	41	12599	9.831	ug/l	87
49) 1,4-Dioxane	9.301	88	2971	194.708	ug/l #	58
51) 4-Methyl-2-Pentanone	10.069	43	73474	50.054	ug/l	92
52) Toluene	10.246	92	53227	10.086	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	29716	9.852	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	33838	9.920	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	17319	9.995	ug/l	96
56) Ethyl methacrylate	10.508	69	21633	9.714	ug/l #	86
57) 1,3-Dichloropropane	10.789	76	29329	10.125	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.783	63	54217	48.904	ug/l	94
59) 2-Hexanone	10.831	43	55632	51.450	ug/l	91
60) Dibromochloromethane	10.984	129	21065	9.927	ug/l	99
61) 1,2-Dibromoethane	11.087	107	16942	10.210	ug/l	99
64) Tetrachloroethene	10.721	164	19770	10.070	ug/l	93
65) Chlorobenzene	11.514	112	58044	9.956	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	21971	10.091	ug/l	97
67) Ethyl Benzene	11.593	91	102432	9.891	ug/l	97
68) m/p-Xylenes	11.703	106	79441	19.823	ug/l	96
69) o-Xylene	12.032	106	37723	9.832	ug/l	96
70) Styrene	12.044	104	62226	9.730	ug/l	97
71) Bromoform	12.209	173	13009	9.809	ug/l #	100
73) Isopropylbenzene	12.331	105	101035	9.903	ug/l	99
74) N-amyl acetate	12.142	43	23925	9.617	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	21267	10.197	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	25779	17.298	ug/l #	100
77) Bromobenzene	12.611	156	23475	9.859	ug/l	99
78) n-propylbenzene	12.672	91	123123	9.967	ug/l	99
79) 2-Chlorotoluene	12.758	91	69682	10.072	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	84422	9.966	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	6736	9.890	ug/l	93
82) 4-Chlorotoluene	12.855	91	72768	10.142	ug/l	100
83) tert-Butylbenzene	13.075	119	74133	9.846	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	84398	10.088	ug/l	100
85) sec-Butylbenzene	13.252	105	111681	9.959	ug/l	100
86) p-Isopropyltoluene	13.367	119	92841	9.921	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	48327	10.051	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	47871	10.074	ug/l	97
89) n-Butylbenzene	13.697	91	86942	9.960	ug/l	97
90) Hexachloroethane	13.959	117	18122	9.947	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	43433	10.203	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3322	10.146	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	26210	9.952	ug/l	98
94) Hexachlorobutadiene	15.111	225	15666	10.249	ug/l	98
95) Naphthalene	15.233	128	48678	9.477	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	22713	10.001	ug/l	97

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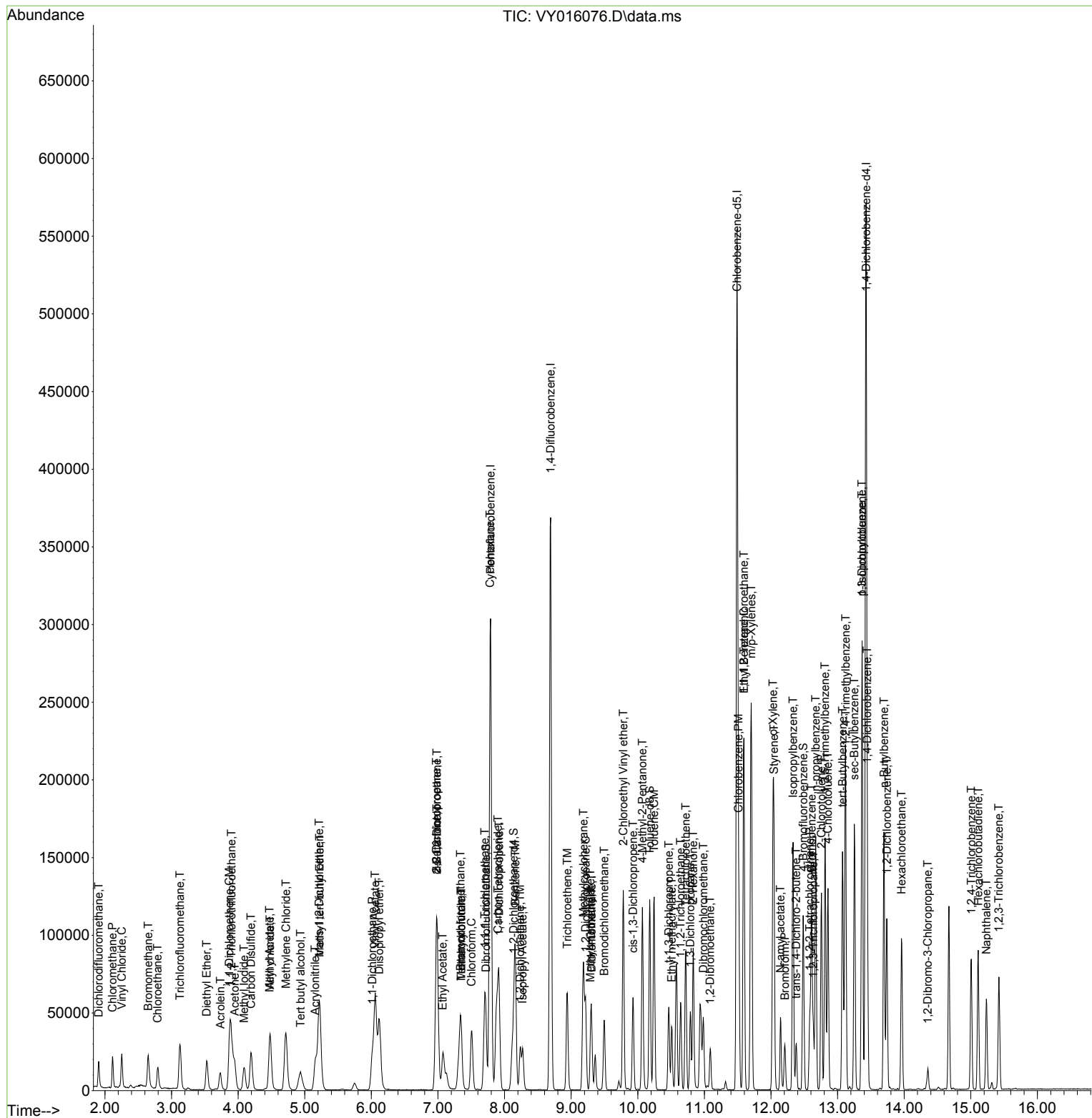
Instrument :
MSVOA_Y
ClientSampleId :

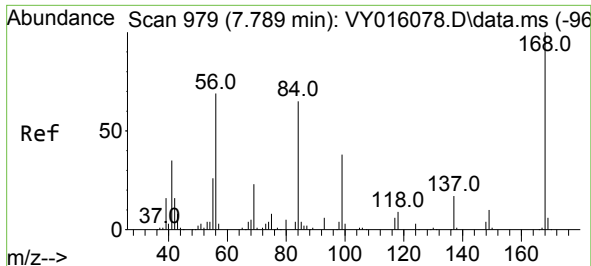
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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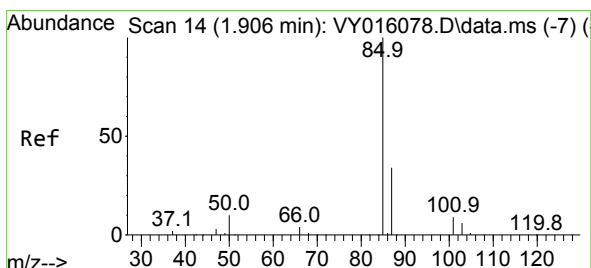
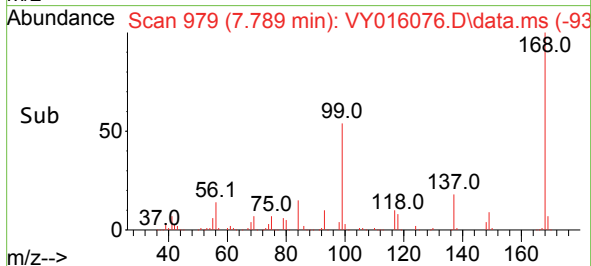
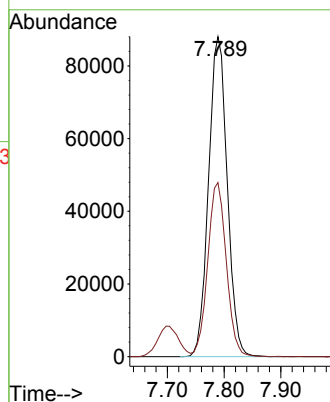
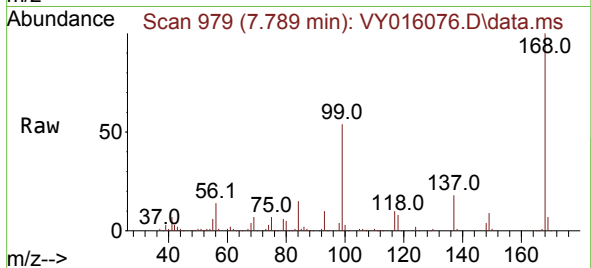




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016076.D
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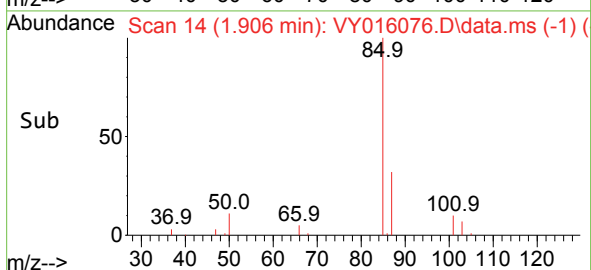
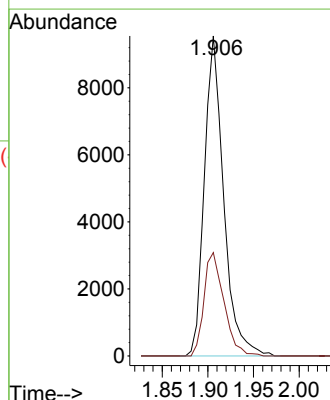
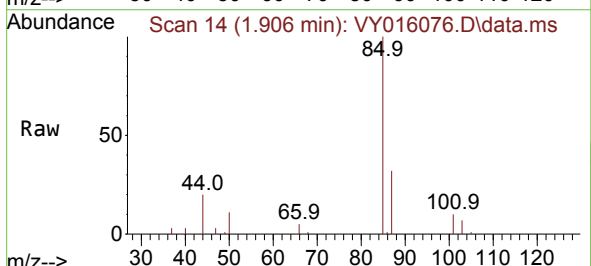
Instrument :
MSVOA_Y
ClientSampleId :

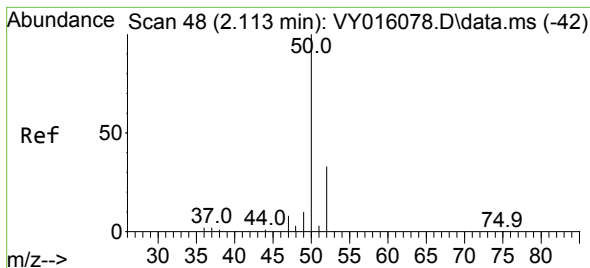
Tgt Ion:168 Resp: 201446
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 10.062 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Tgt Ion: 85 Resp: 13989
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8





#3

Chloromethane

Concen: 10.103 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Instrument :

MSVOA_Y

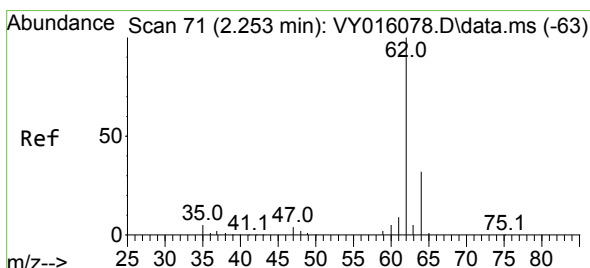
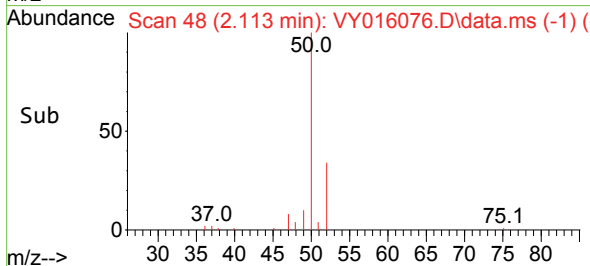
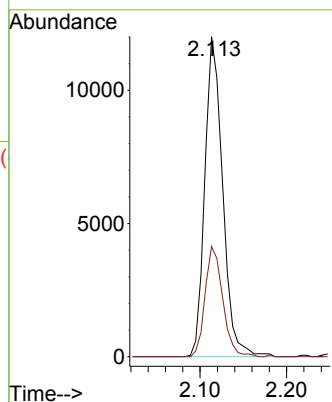
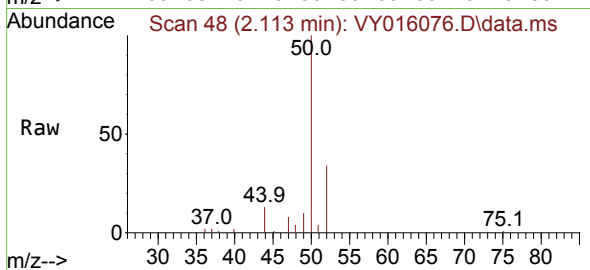
ClientSampleId :

Tgt Ion: 50 Resp: 17212

Ion Ratio Lower Upper

50 100

52 34.4 25.4 38.2



#4

Vinyl Chloride

Concen: 10.031 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY016076.D

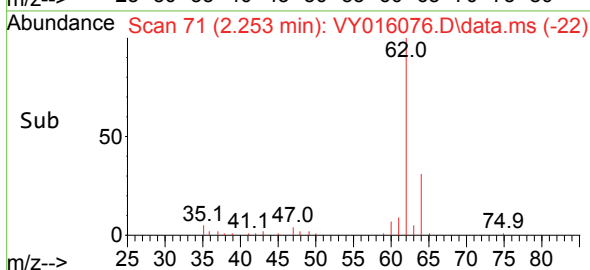
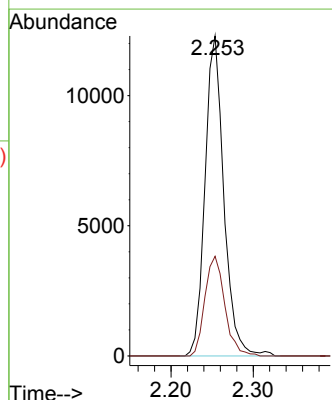
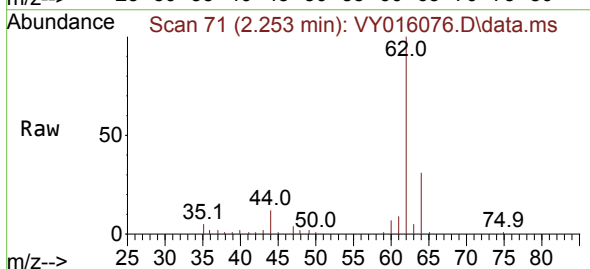
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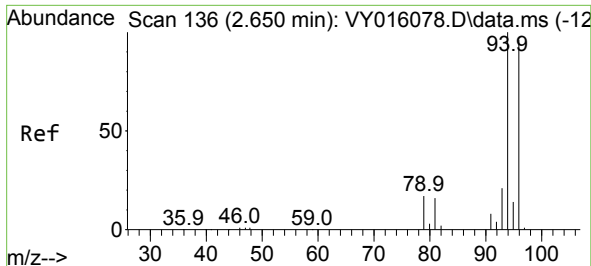
Tgt Ion: 62 Resp: 19522

Ion Ratio Lower Upper

62 100

64 31.2 24.3 36.5





#5

Bromomethane

Concen: 10.281 ug/l

RT: 2.650 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016076.D

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Instrument :

MSVOA_Y

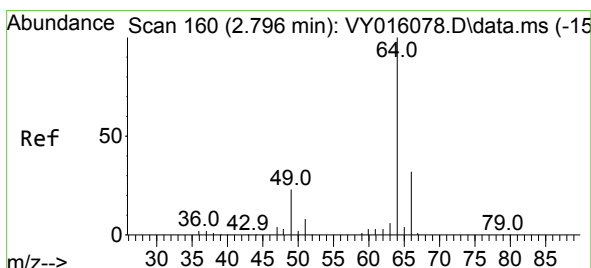
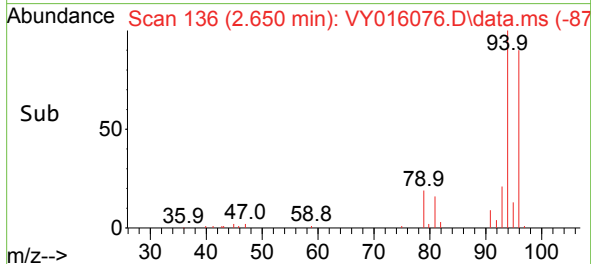
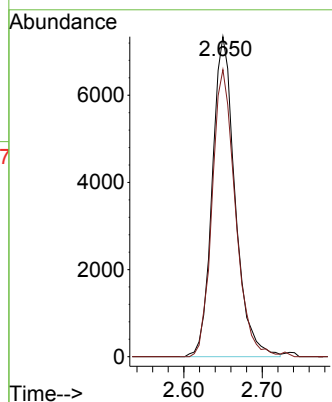
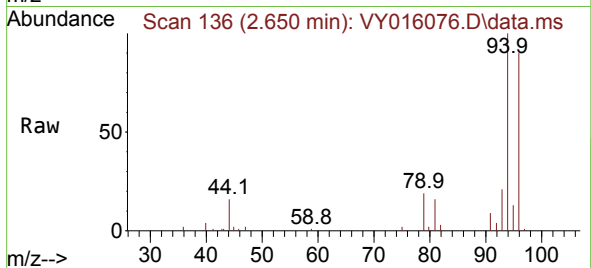
ClientSampleId :

Tgt Ion: 94 Resp: 14873

Ion Ratio Lower Upper

94 100

96 89.7 75.8 113.6



#6

Chloroethane

Concen: 10.160 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY016076.D

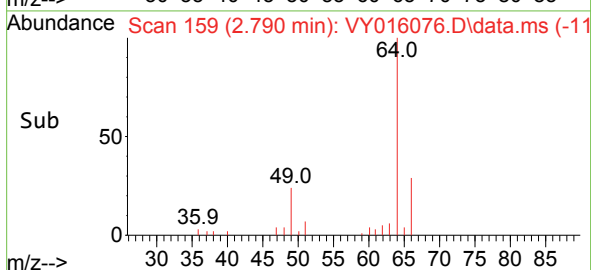
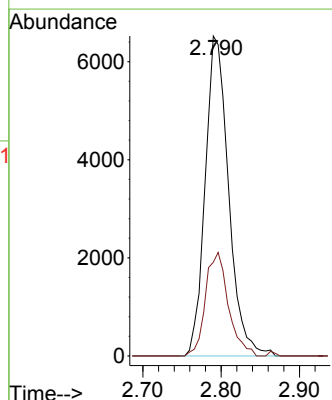
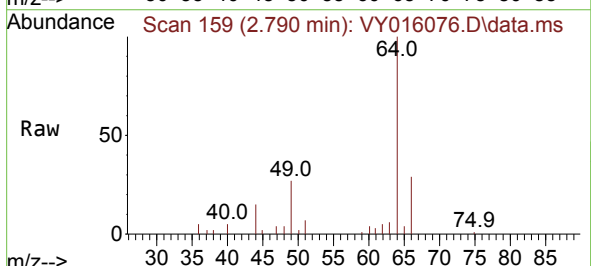
Acq: 26 Oct 2023 11:59

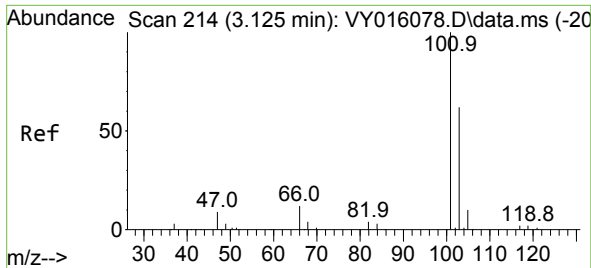
Tgt Ion: 64 Resp: 13544

Ion Ratio Lower Upper

64 100

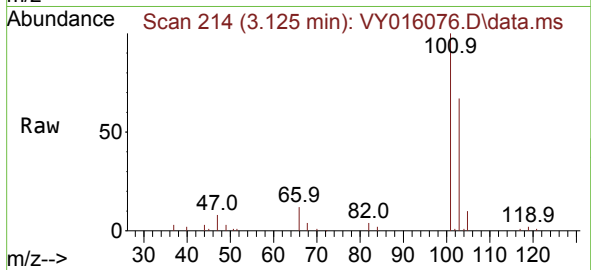
66 29.3 24.4 36.6



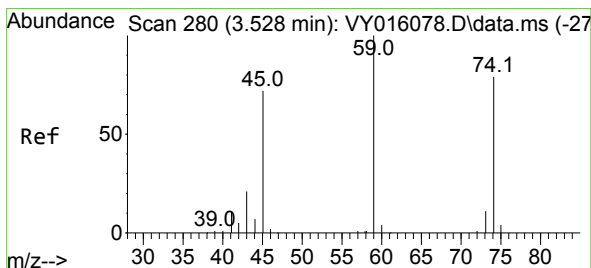
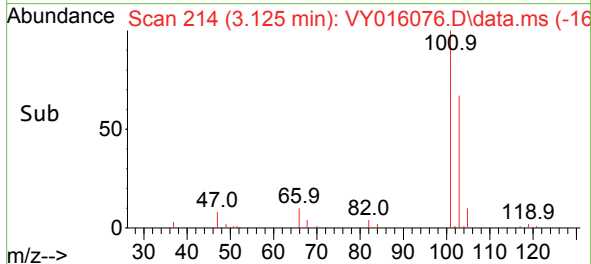
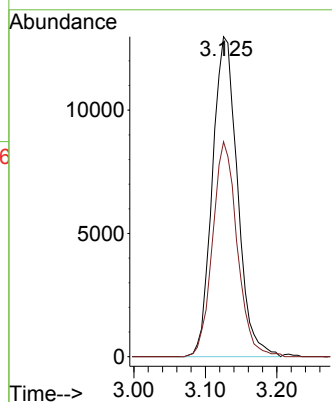


#7
 Trichlorofluoromethane
 Concen: 10.168 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY016076.D
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 ClientSampleId :

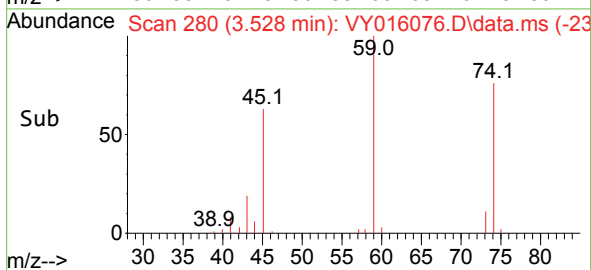
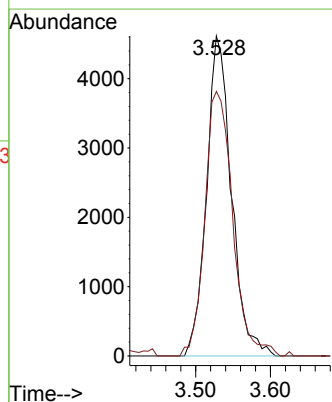
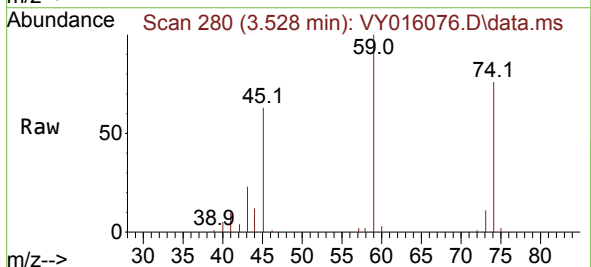


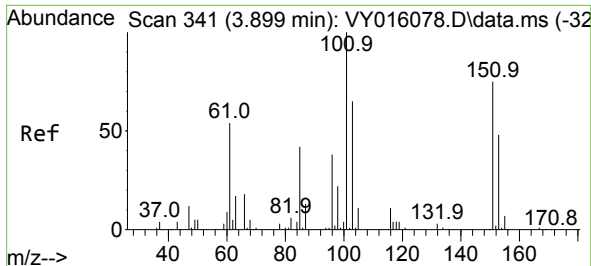
Tgt Ion:101 Resp: 31668
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 10.228 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY016076.D
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Tgt Ion: 74 Resp: 10677
 Ion Ratio Lower Upper
 74 100
 45 92.5 51.5 154.5

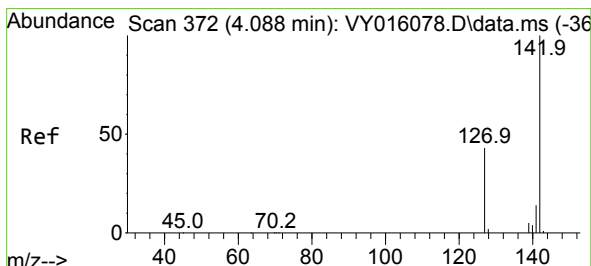
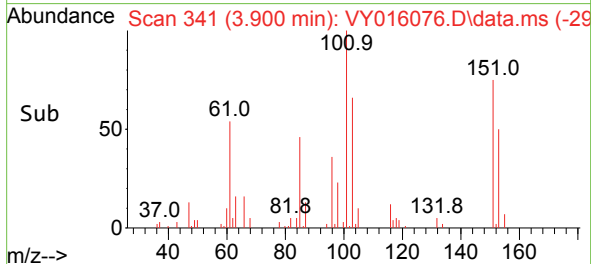
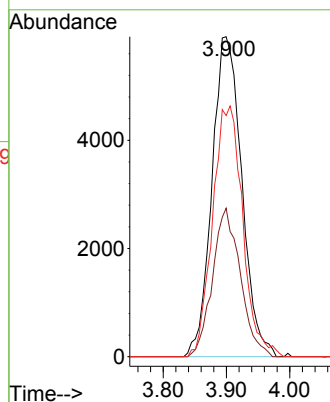
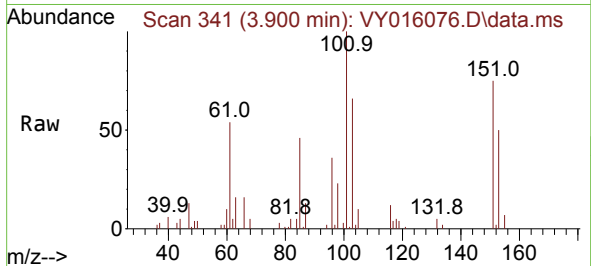




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.275 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.000 min
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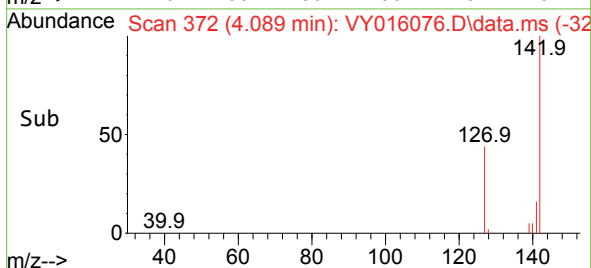
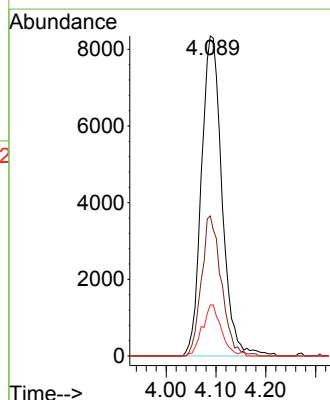
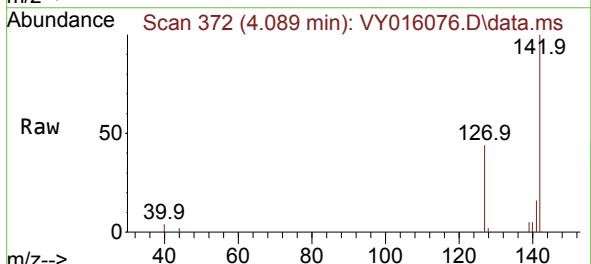
Instrument :
MSVOA_Y
ClientSampleId :

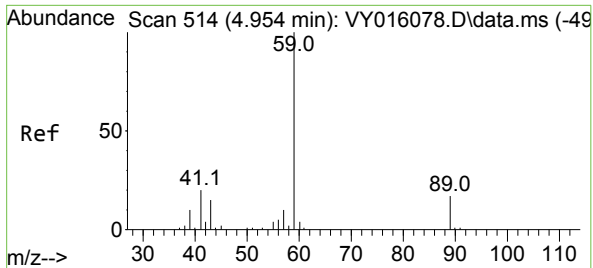
Tgt Ion:101 Resp: 19306
Ion Ratio Lower Upper
101 100
85 43.5 36.6 55.0
151 79.2 67.0 100.6



#10
Methyl Iodide
Concen: 9.964 ug/l
RT: 4.089 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Tgt Ion:142 Resp: 23920
Ion Ratio Lower Upper
142 100
127 42.4 37.6 56.4
141 14.8 11.8 17.8

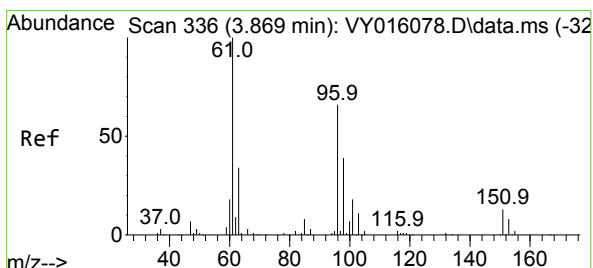
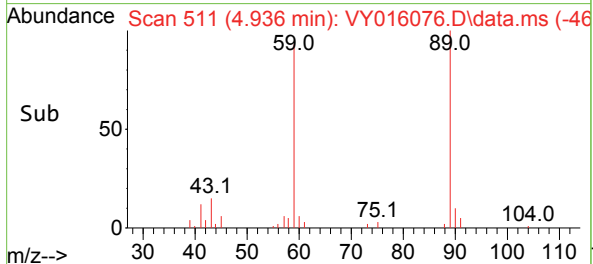
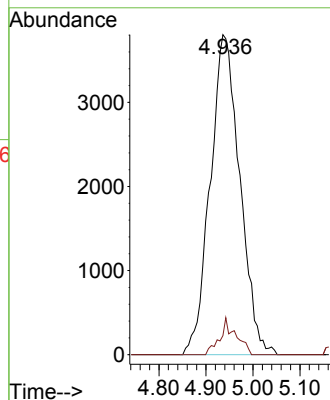
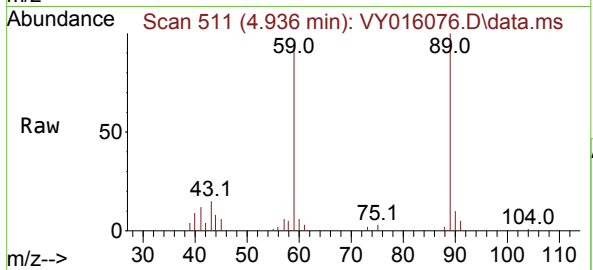




#11
Tert butyl alcohol
Concen: 50.122 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

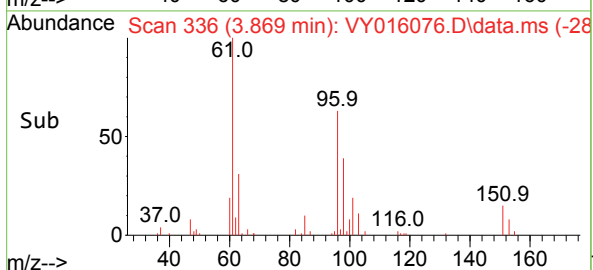
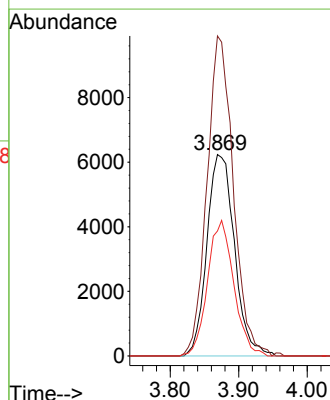
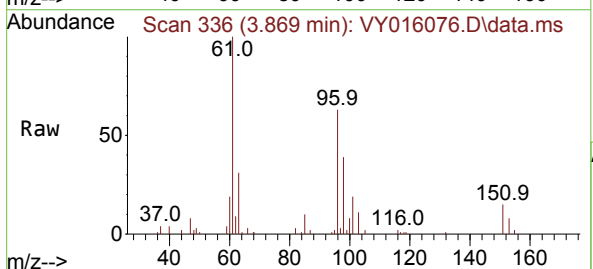
Instrument :
MSVOA_Y
ClientSampleId :

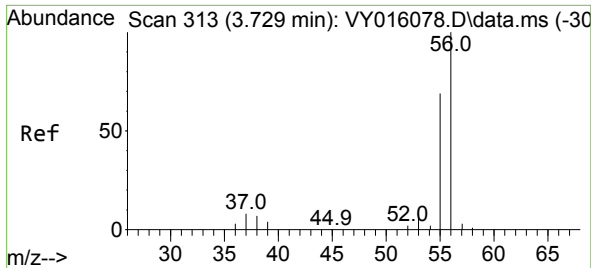
Tgt Ion: 59 Resp: 16662
Ion Ratio Lower Upper
59 100
57 6.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 10.119 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Tgt Ion: 96 Resp: 17419
Ion Ratio Lower Upper
96 100
61 158.8 136.4 204.6
98 62.0 49.4 74.2





#13

Acrolein

Concen: 53.414 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Instrument :

MSVOA_Y

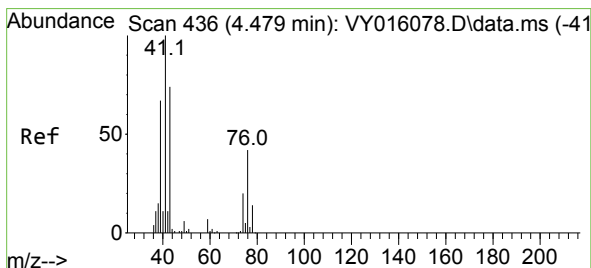
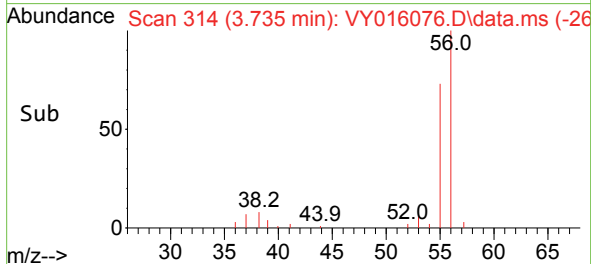
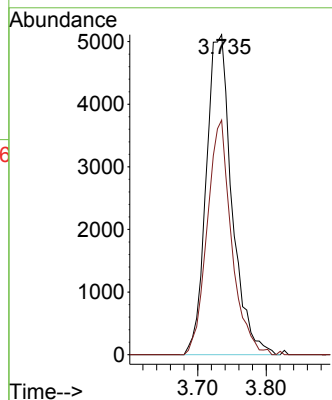
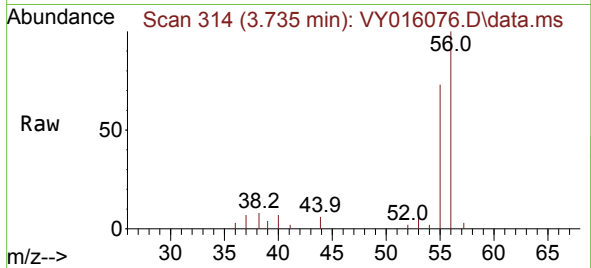
ClientSampleId :

Tgt Ion: 56 Resp: 13326

Ion Ratio Lower Upper

56 100

55 69.6 57.0 85.4



#14

Allyl chloride

Concen: 10.226 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

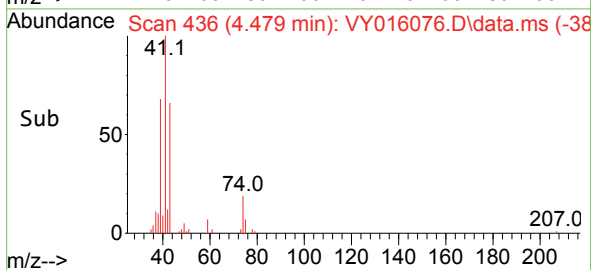
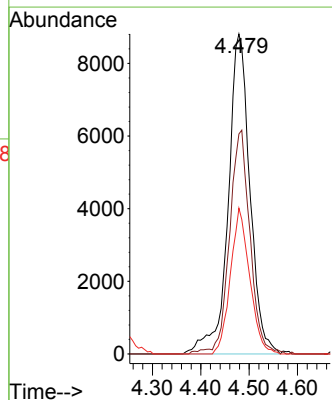
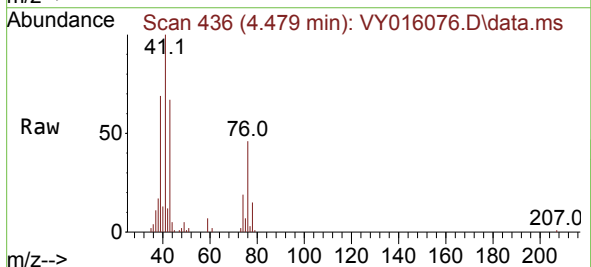
Tgt Ion: 41 Resp: 27518

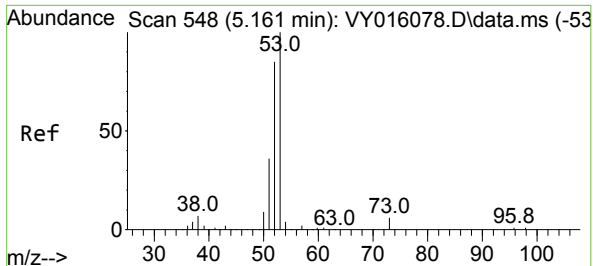
Ion Ratio Lower Upper

41 100

39 66.1 58.0 87.0

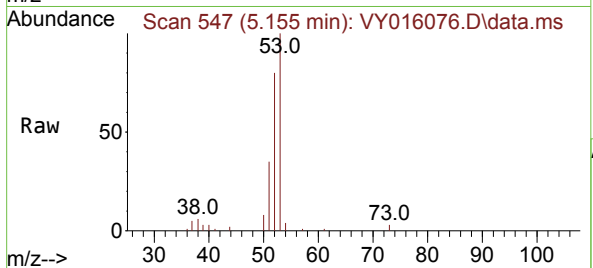
76 40.4 27.4 41.2



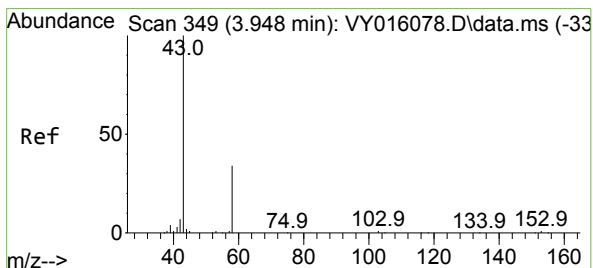
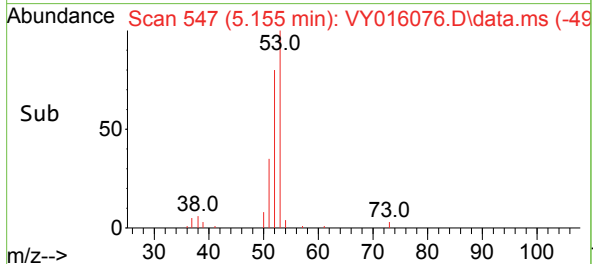
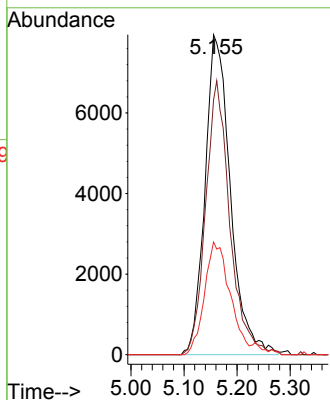


#15
Acrylonitrile
Concen: 51.613 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Instrument :
MSVOA_Y
ClientSampleId :

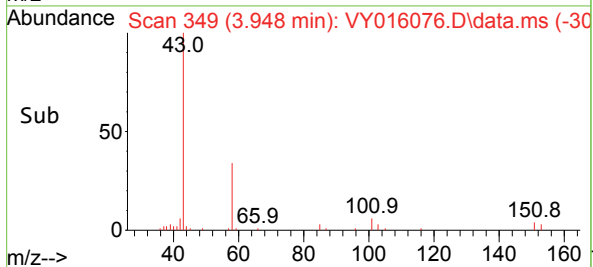
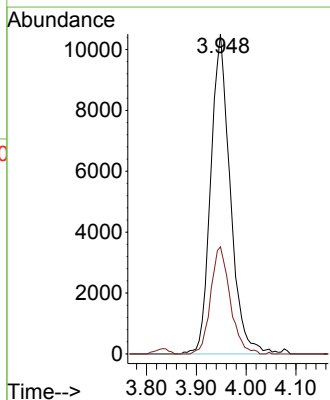
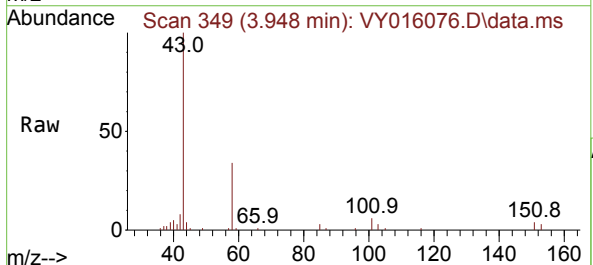


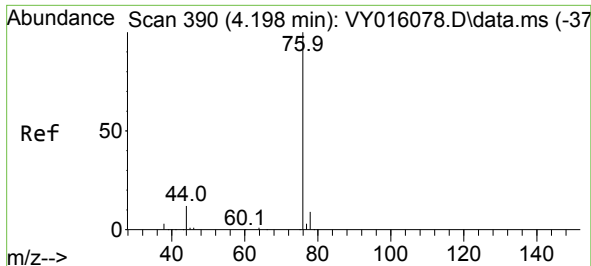
Tgt Ion: 53	Resp: 26431
Ion Ratio	Lower Upper
53	100
52	81.3 66.9 100.3
51	37.1 29.8 44.6



#16
Acetone
Concen: 52.587 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Tgt Ion: 43	Resp: 28551
Ion Ratio	Lower Upper
43	100
58	33.5 22.7 34.1

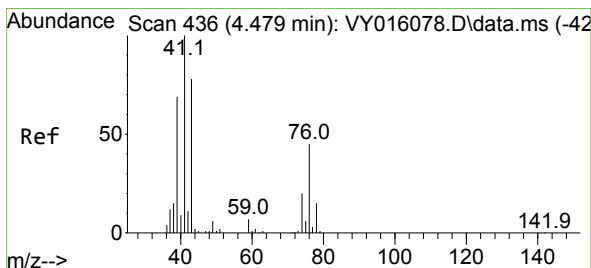
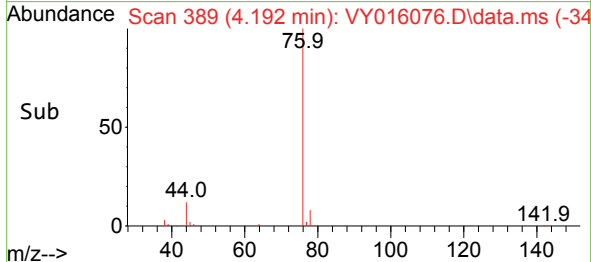
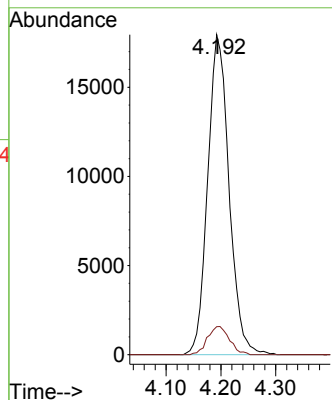
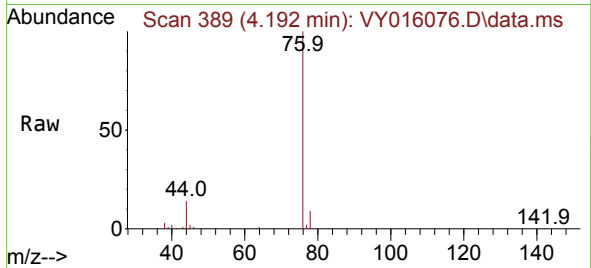




#17
Carbon Disulfide
Concen: 10.198 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

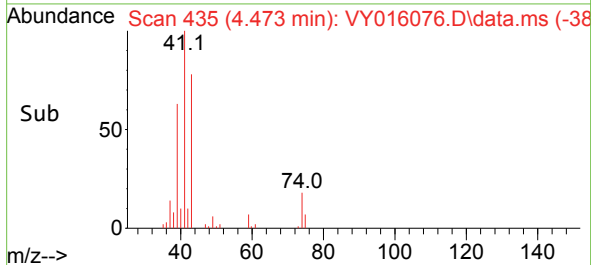
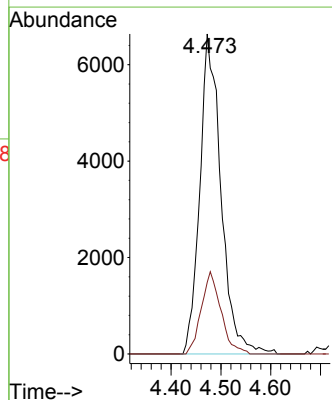
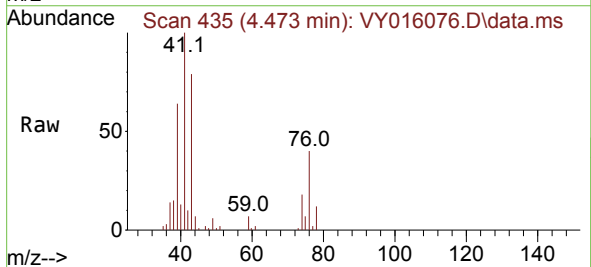
Instrument :
MSVOA_Y
ClientSampleId :

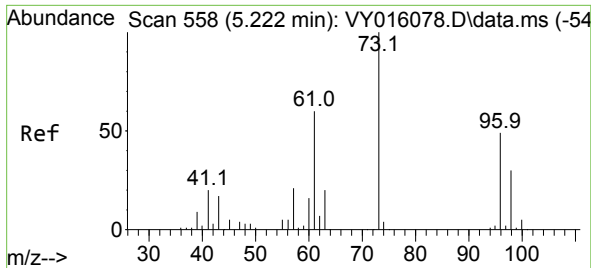
Tgt Ion: 76 Resp: 48558
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 10.215 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Tgt Ion: 43 Resp: 19608
Ion Ratio Lower Upper
43 100
74 23.9 17.4 26.0

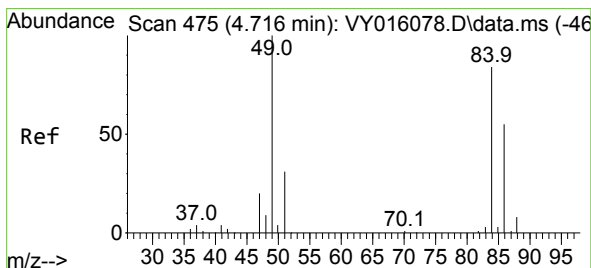
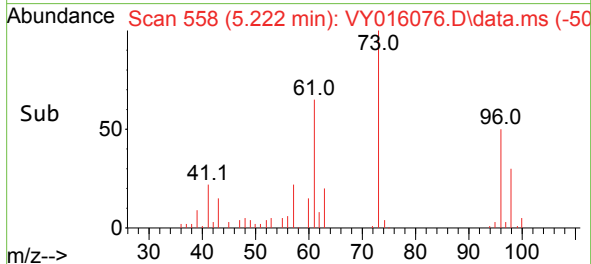
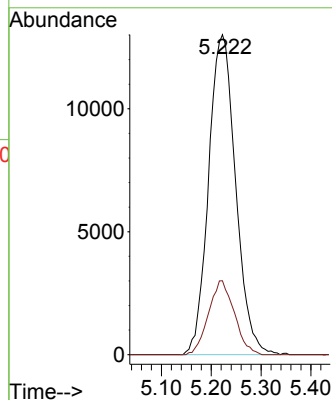
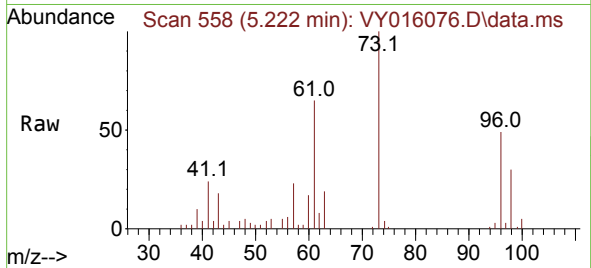




#19
Methyl tert-butyl Ether
Concen: 9.992 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

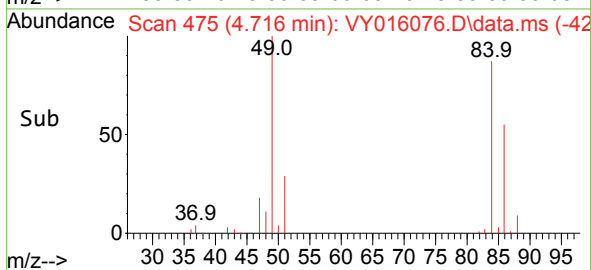
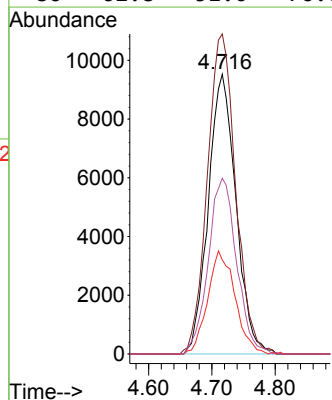
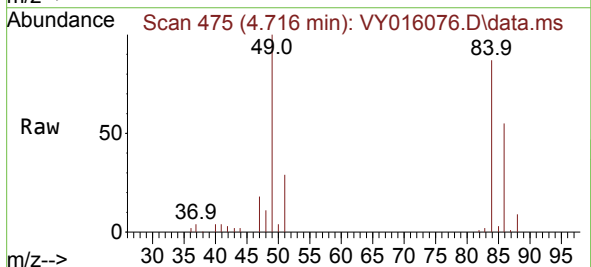
Instrument :
MSVOA_Y
ClientSampleId :

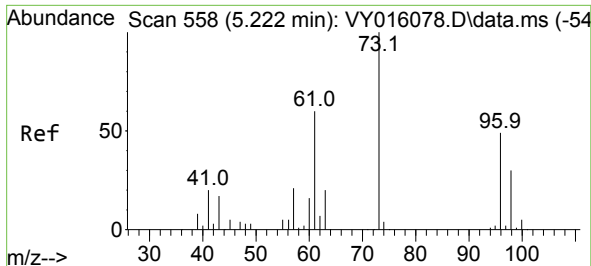
Tgt Ion: 73 Resp: 49051
Ion Ratio Lower Upper
73 100
57 23.1 17.3 25.9



#20
Methylene Chloride
Concen: 8.854 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

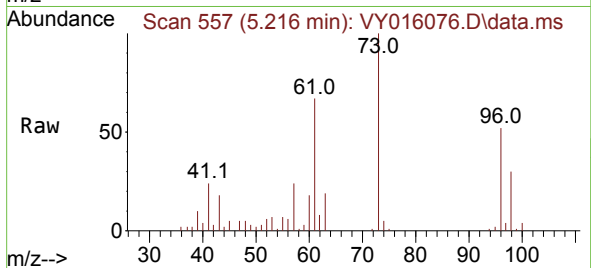
Tgt Ion: 84 Resp: 28864
Ion Ratio Lower Upper
84 100
49 114.4 106.9 160.3
51 33.6 33.2 49.8
86 62.8 51.0 76.6



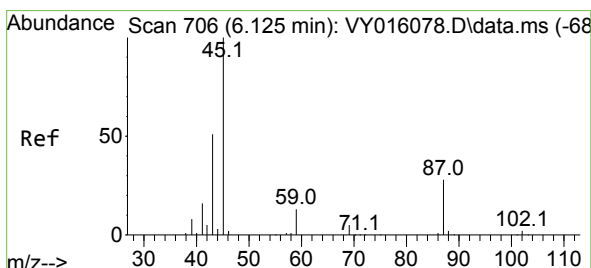
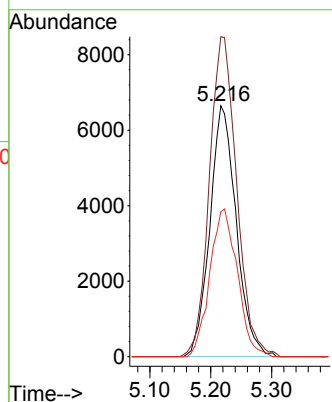
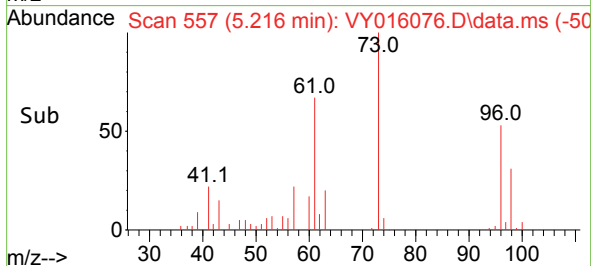


#21
trans-1,2-Dichloroethene
Concen: 10.026 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

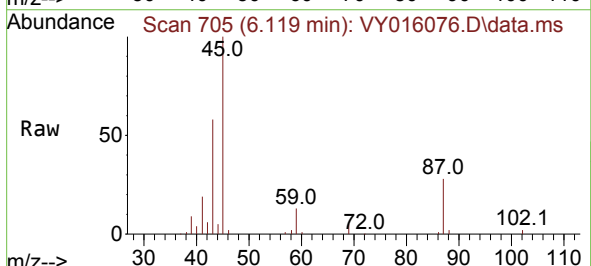
Instrument :
MSVOA_Y
ClientSampleId :



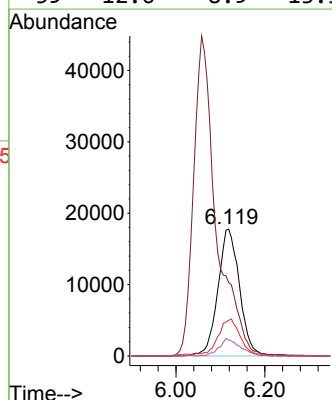
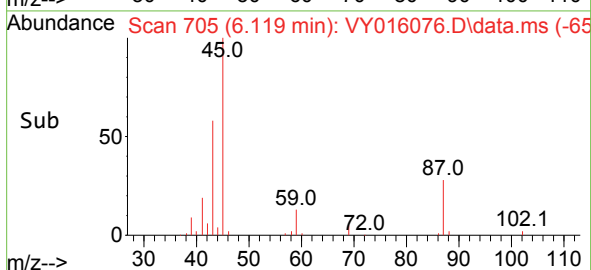
Tgt Ion: 96 Resp: 20005
Ion Ratio Lower Upper
96 100
61 127.5 110.2 165.4
98 57.8 51.8 77.6

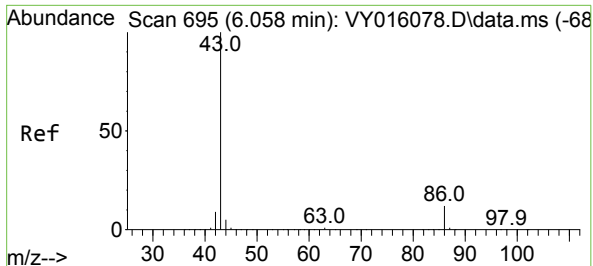


#22
Diisopropyl ether
Concen: 10.192 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59



Tgt Ion: 45 Resp: 59971
Ion Ratio Lower Upper
45 100
43 56.7 52.2 78.4
87 28.1 21.0 31.6
59 12.6 8.9 13.3

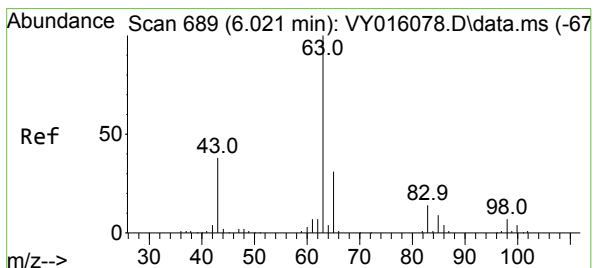
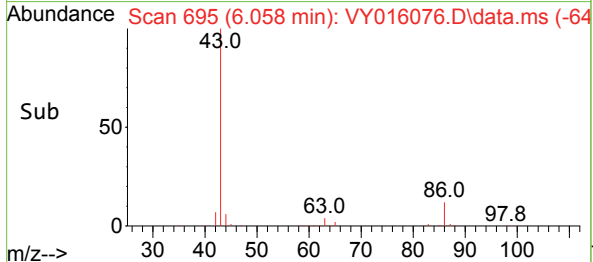
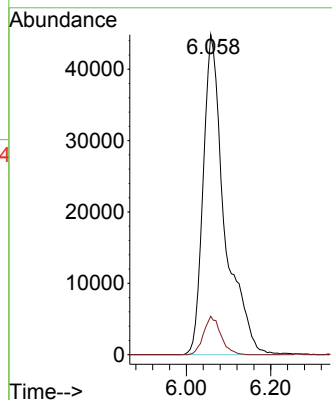
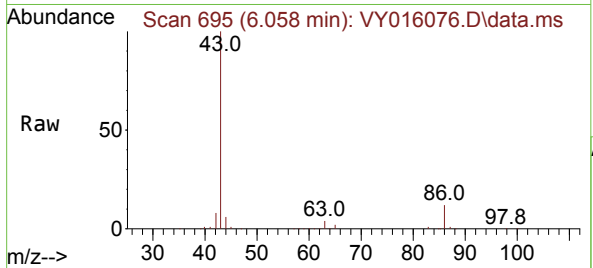




#23
 Vinyl Acetate
 Concen: 50.331 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY016076.D
 Acq: 26 Oct 2023 11:59

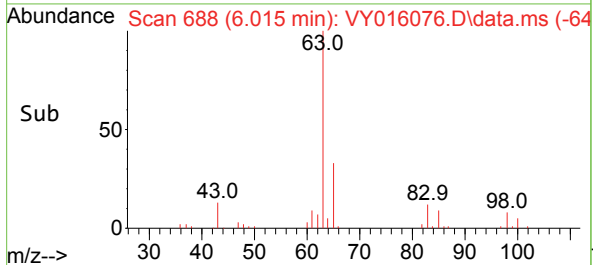
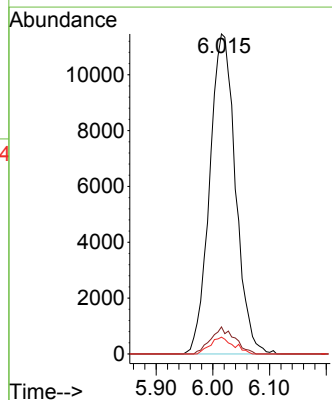
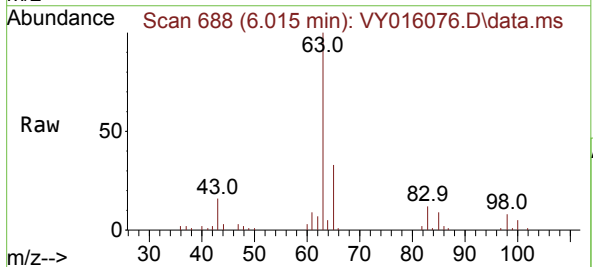
Instrument :
 MSVOA_Y
 ClientSampleId :

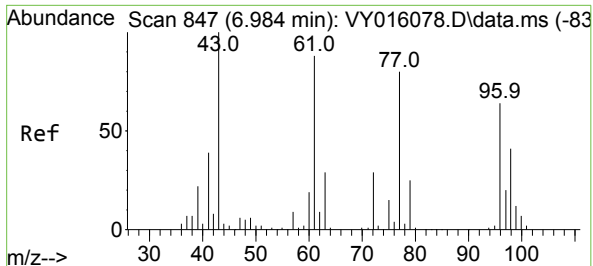
Tgt Ion: 43 Resp: 158671
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 10.247 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016076.D
 Acq: 26 Oct 2023 11:59

Tgt Ion: 63 Resp: 36323
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.1 9.4
 100 5.2 1.8 5.5





#25

2-Butanone

Concen: 52.181 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Instrument :

MSVOA_Y

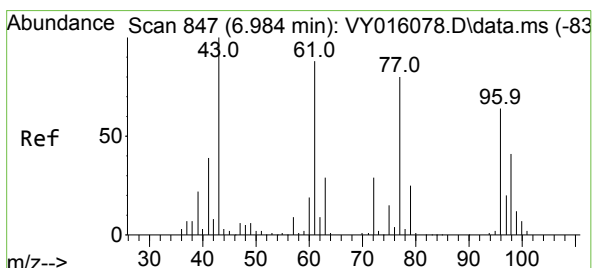
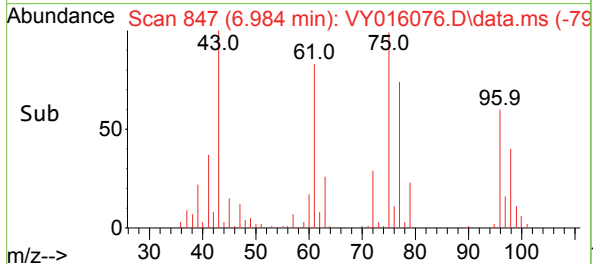
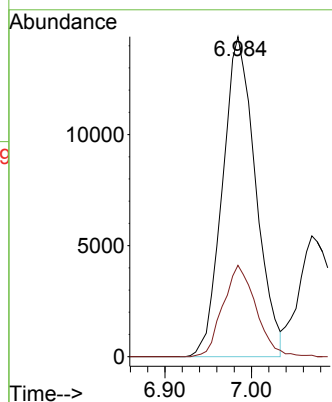
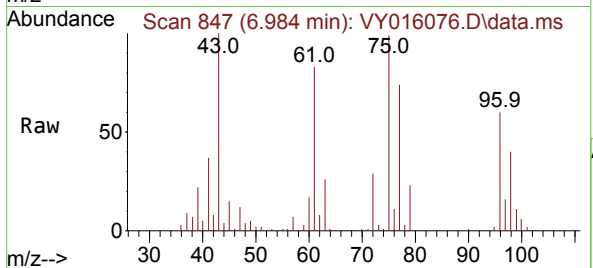
ClientSampleId :

Tgt Ion: 43 Resp: 38237

Ion Ratio Lower Upper

43 100

72 28.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 10.196 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY016076.D

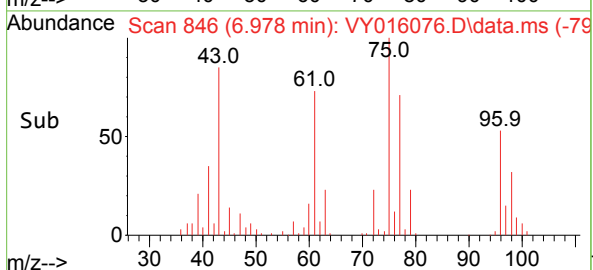
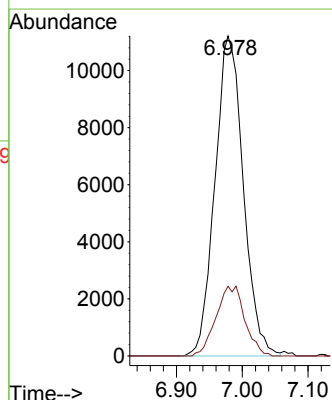
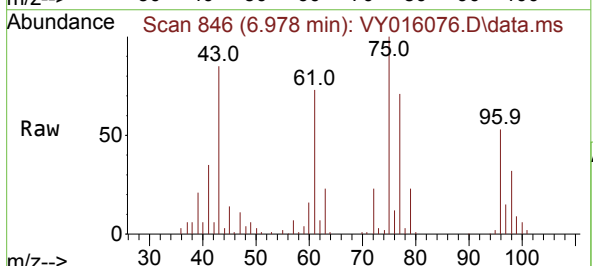
Acq: 26 Oct 2023 11:59

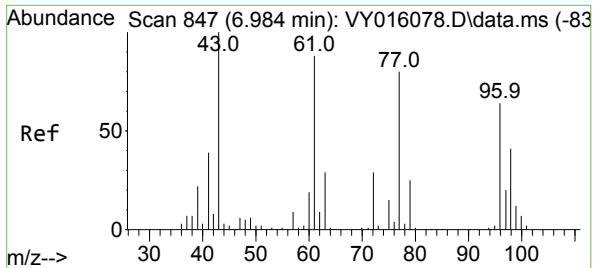
Tgt Ion: 77 Resp: 33599

Ion Ratio Lower Upper

77 100

97 22.2 10.9 32.9

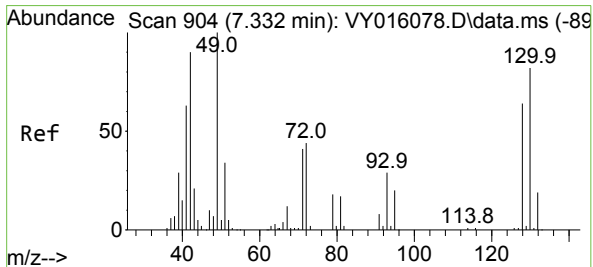
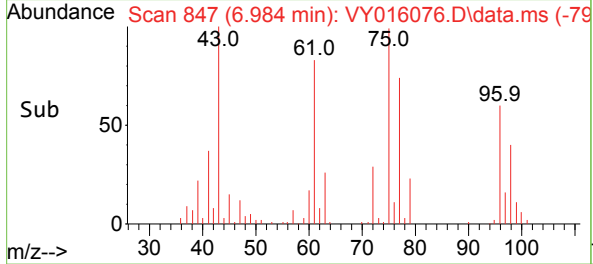
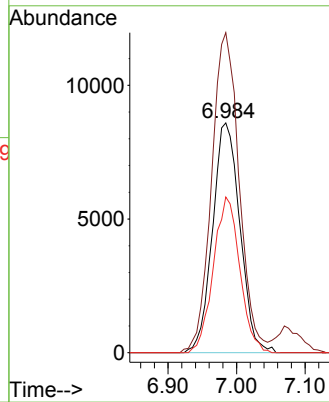
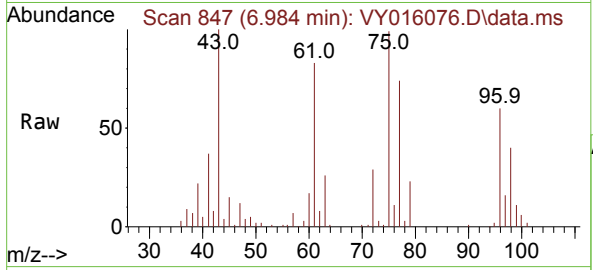




#27
 cis-1,2-Dichloroethene
 Concen: 10.145 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY016076.D
 Acq: 26 Oct 2023 11:59

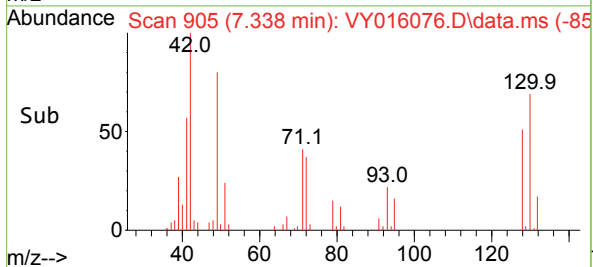
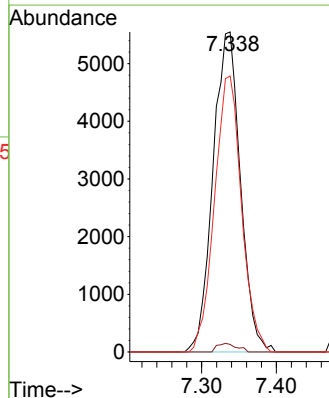
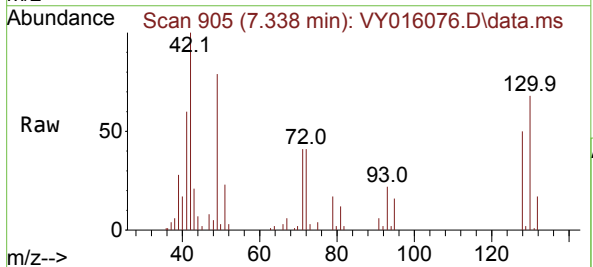
Instrument :
 MSVOA_Y
 ClientSampleId :

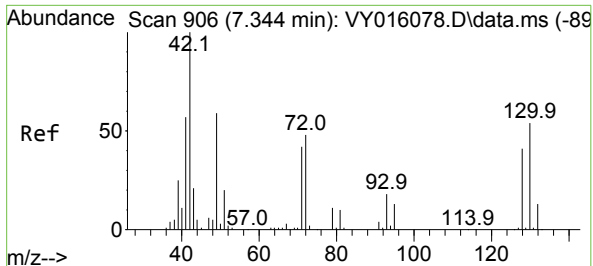
Tgt Ion:	96	Resp:	23772
Ion	Ratio	Lower	Upper
96	100		
61	140.8	0.0	301.4
98	65.5	0.0	130.4



#28
 Bromochloromethane
 Concen: 9.755 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY016076.D
 Acq: 26 Oct 2023 11:59

Tgt Ion:	49	Resp:	14147
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.6
130	85.0	60.7	91.1





#29

Tetrahydrofuran

Concen: 50.645 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

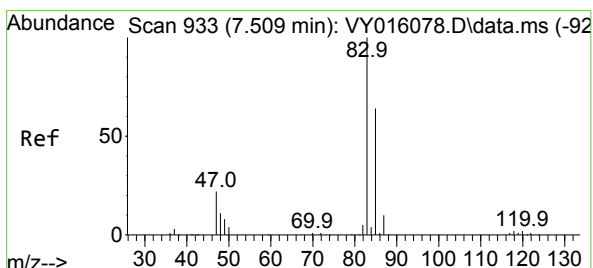
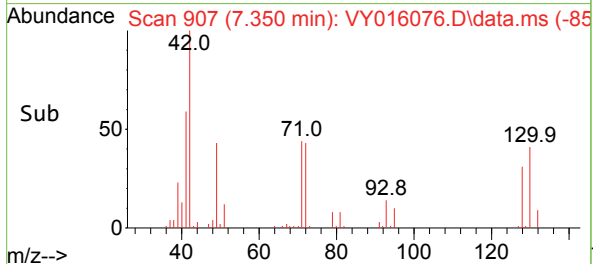
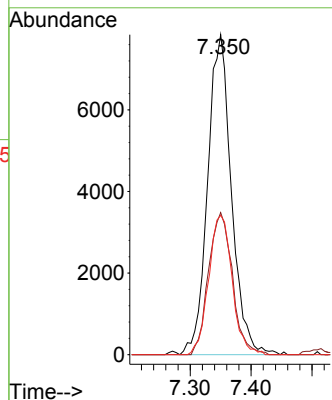
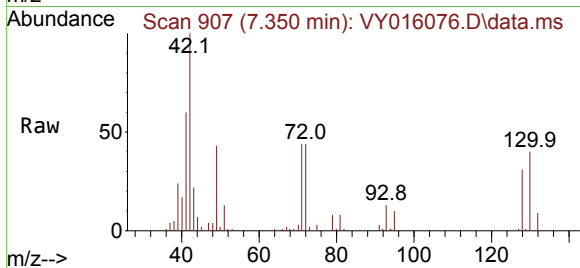
Tgt Ion: 42 Resp: 21293

Ion Ratio Lower Upper

42 100

72 44.5 32.8 49.2

71 42.9 31.0 46.4



#30

Chloroform

Concen: 10.285 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY016076.D

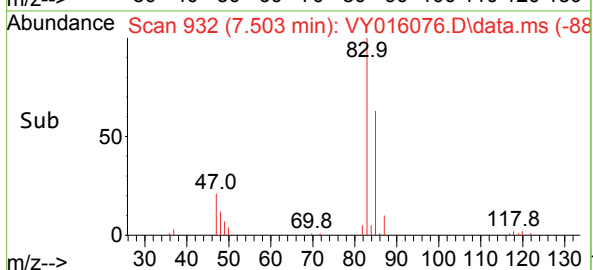
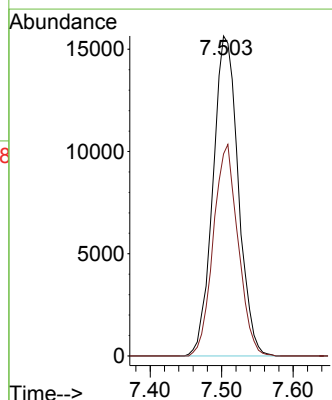
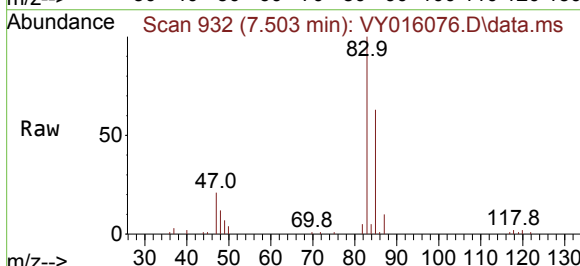
Acq: 26 Oct 2023 11:59

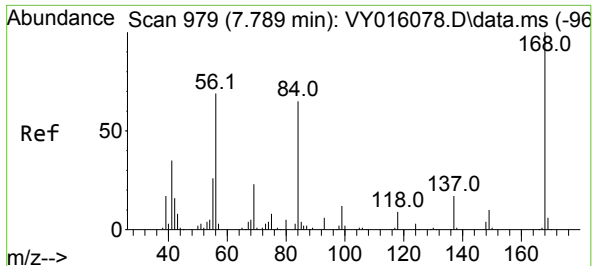
Tgt Ion: 83 Resp: 38514

Ion Ratio Lower Upper

83 100

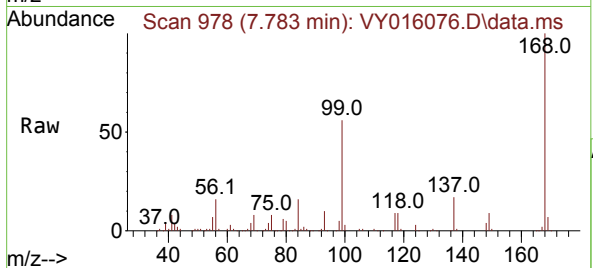
85 63.1 49.7 74.5



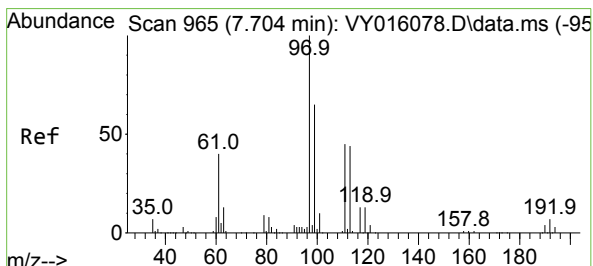
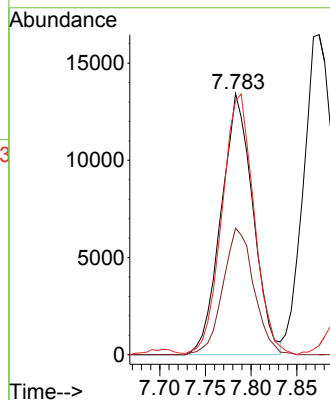
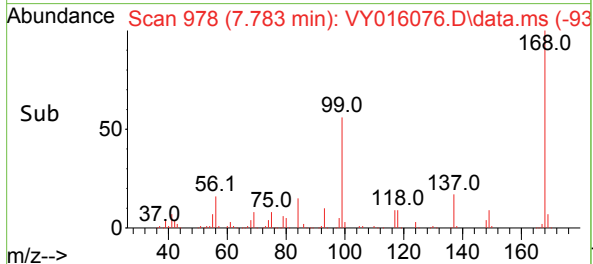


#31
Cyclohexane
Concen: 10.363 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Instrument :
MSVOA_Y
ClientSampleId :

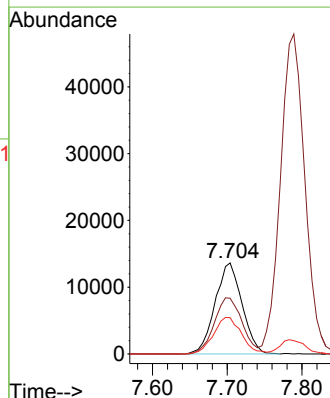
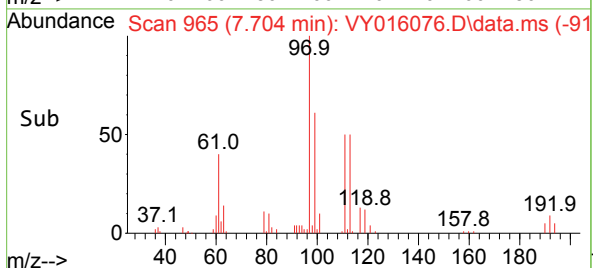
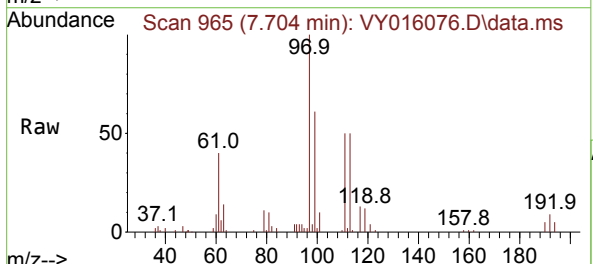


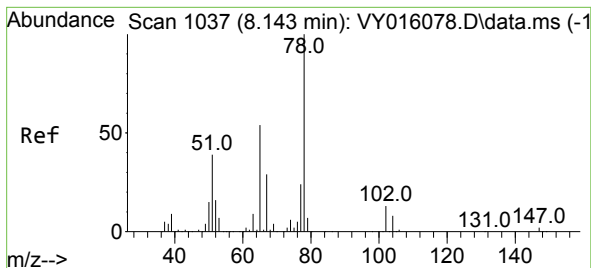
Tgt Ion: 56 Resp: 32657
Ion Ratio Lower Upper
56 100
69 48.4 27.8 41.6#
84 96.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 10.172 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Tgt Ion: 97 Resp: 34166
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 41.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 10.776 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Instrument :

MSVOA_Y

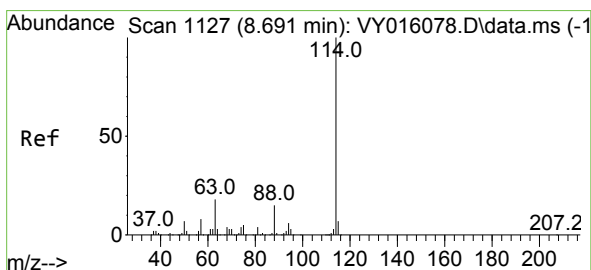
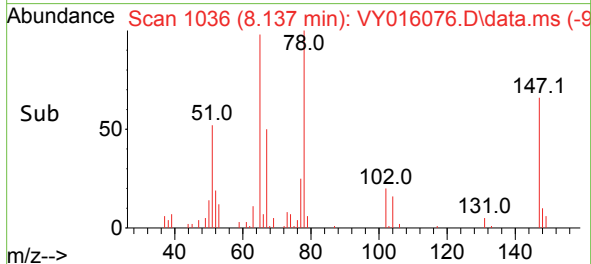
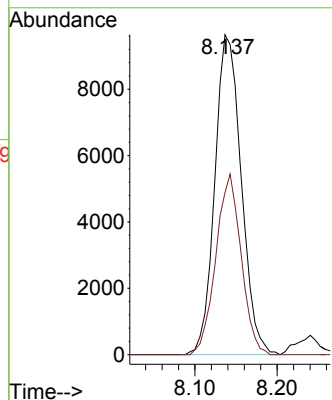
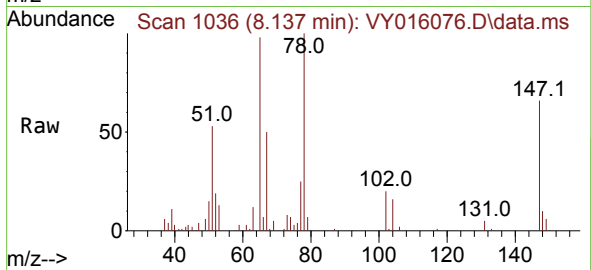
ClientSampleId :

Tgt Ion: 65 Resp: 21585

Ion Ratio Lower Upper

65 100

67 54.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

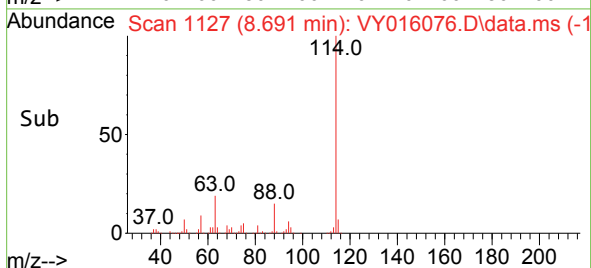
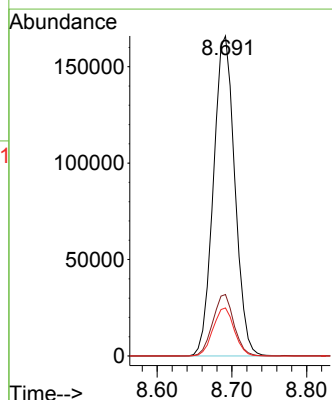
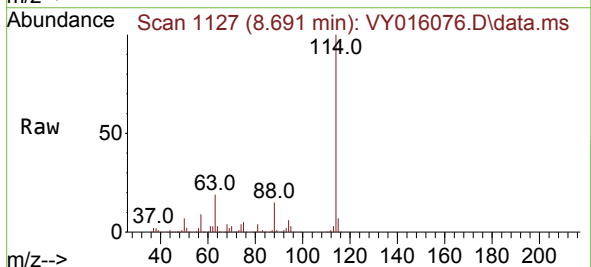
Tgt Ion: 114 Resp: 329864

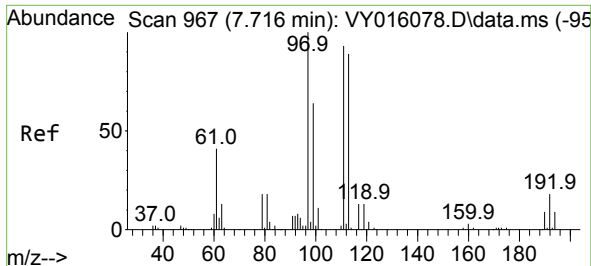
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

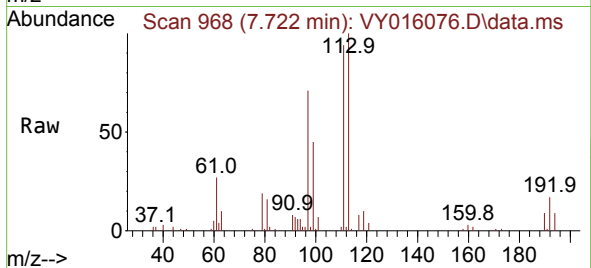
88 15.0 0.0 30.6



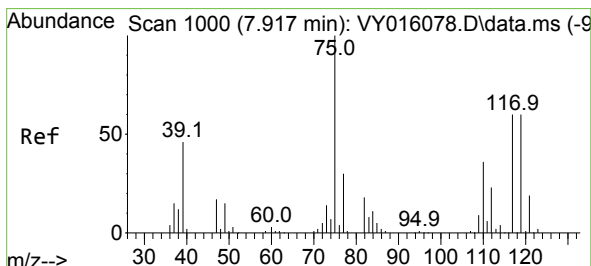
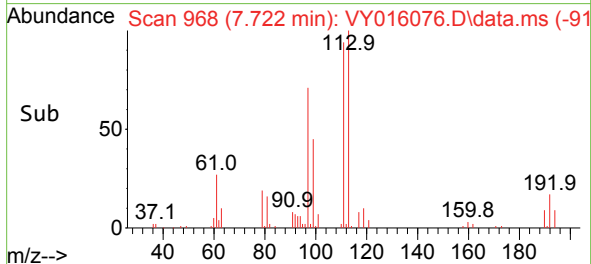
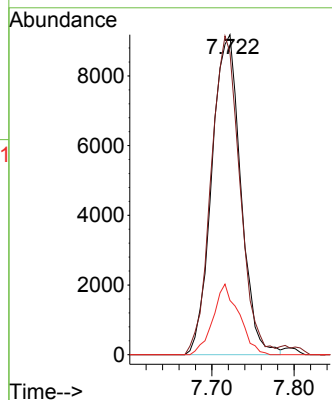


#35
Dibromofluoromethane
Concen: 10.787 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Instrument :
MSVOA_Y
ClientSampleId :

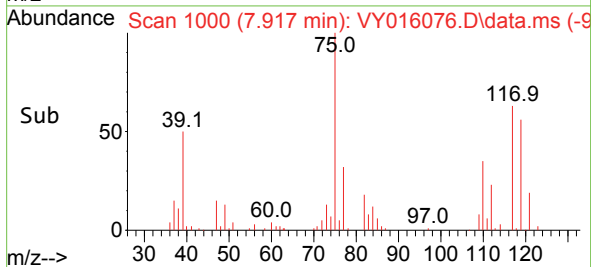
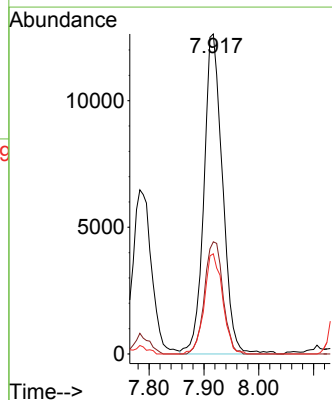
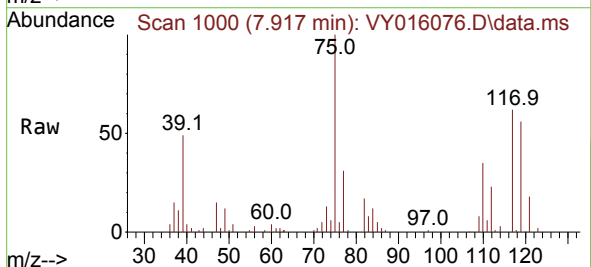


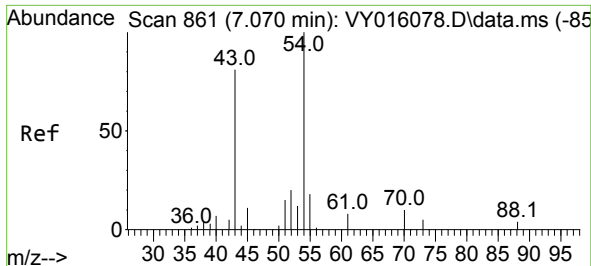
Tgt Ion:113 Resp: 22463
Ion Ratio Lower Upper
113 100
111 98.9 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 10.237 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Tgt Ion: 75 Resp: 29715
Ion Ratio Lower Upper
75 100
110 34.9 17.8 53.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 9.963 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

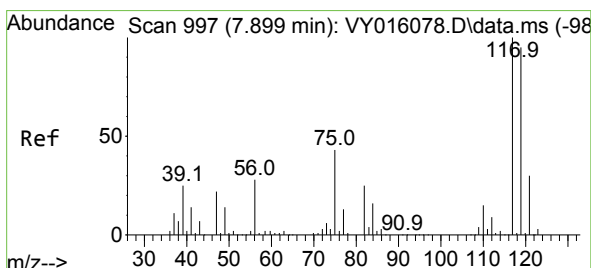
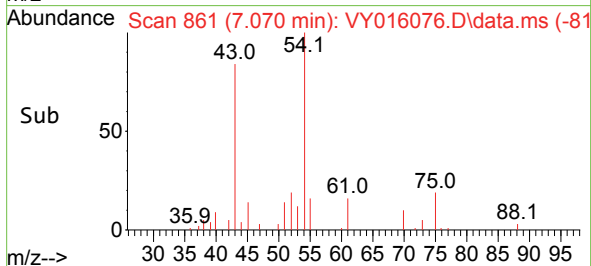
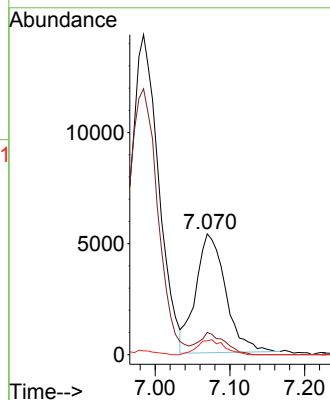
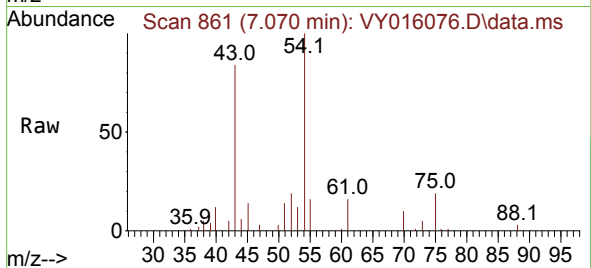
Tgt Ion: 43 Resp: 14823

Ion Ratio Lower Upper

43 100

61 16.3 10.1 15.1#

70 11.3 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 10.002 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

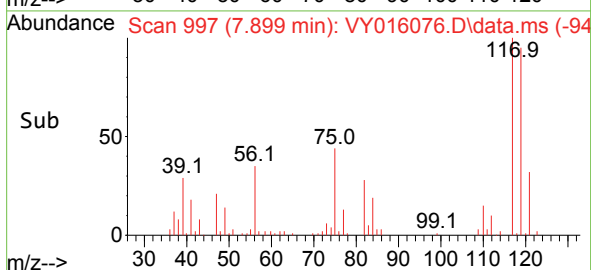
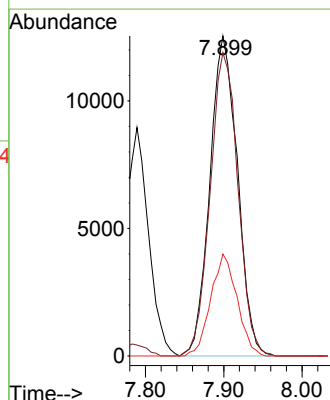
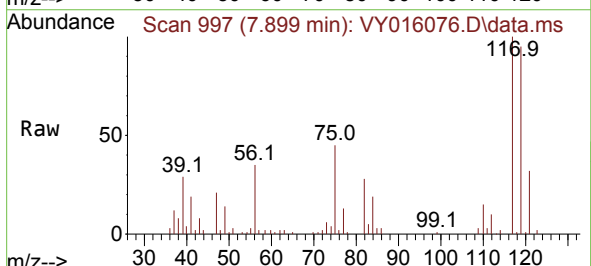
Tgt Ion: 117 Resp: 30703

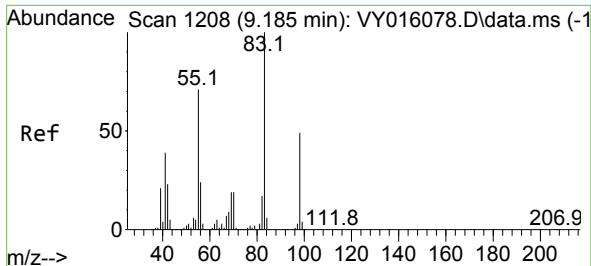
Ion Ratio Lower Upper

117 100

119 94.8 76.4 114.6

121 31.9 25.8 38.6





#39

Methylcyclohexane

Concen: 9.923 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

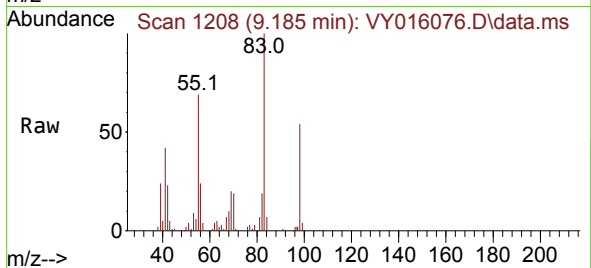
Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :



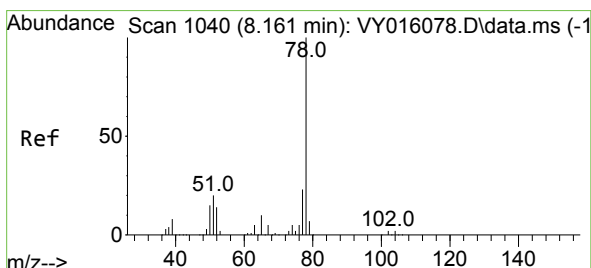
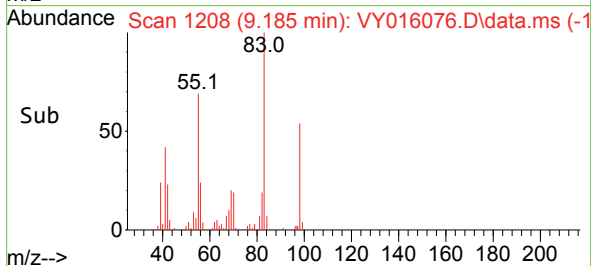
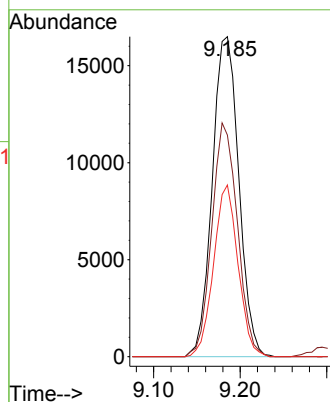
Tgt Ion: 83 Resp: 35091

Ion Ratio Lower Upper

83 100

55 69.3 63.0 94.4

98 53.6 37.4 56.2



#40

Benzene

Concen: 10.154 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY016076.D

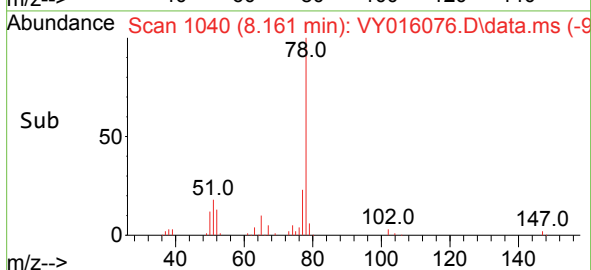
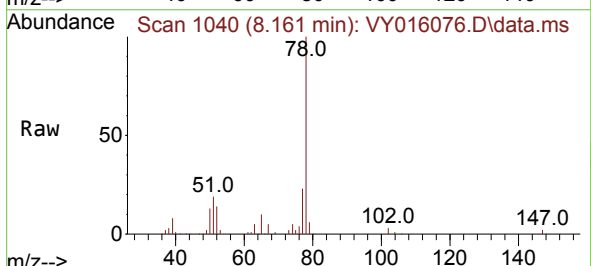
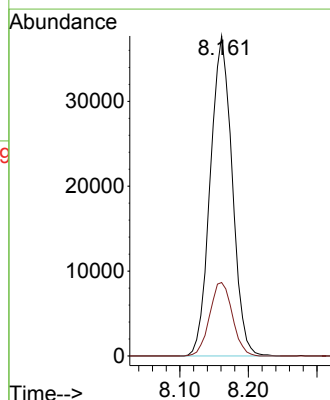
Acq: 26 Oct 2023 11:59

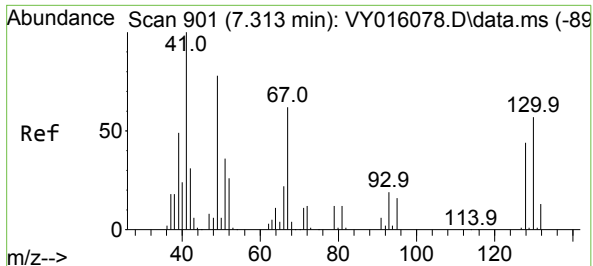
Tgt Ion: 78 Resp: 83452

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.6

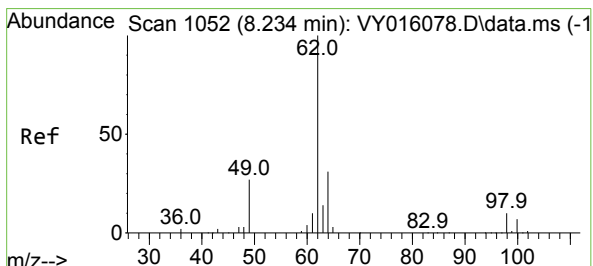
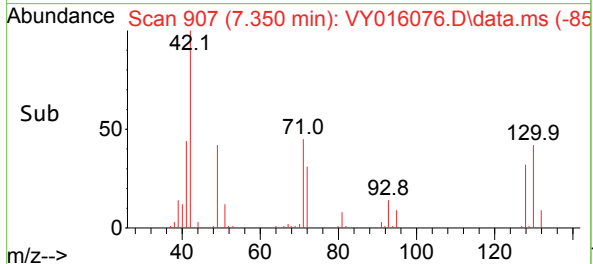
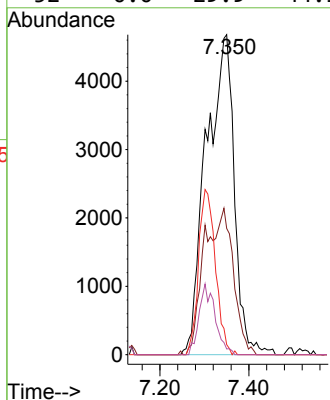
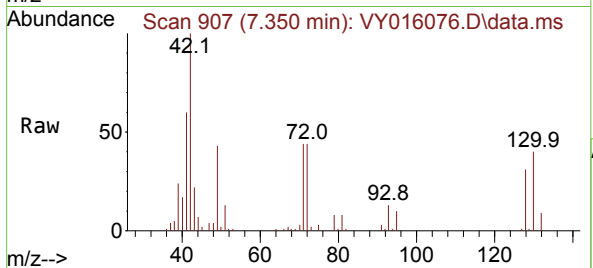




#41
Methacrylonitrile
Concen: 26.193 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

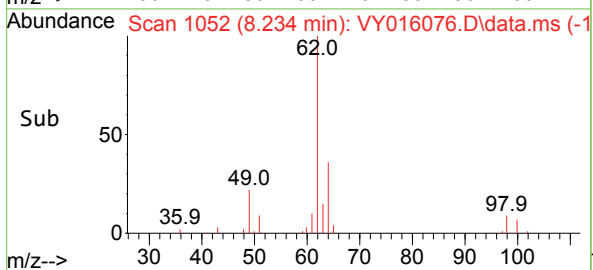
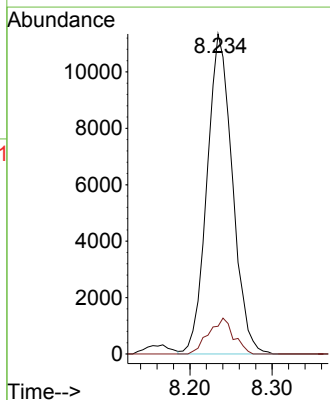
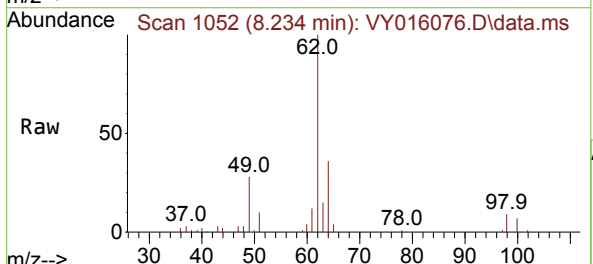
Instrument :
MSVOA_Y
ClientSampleId :

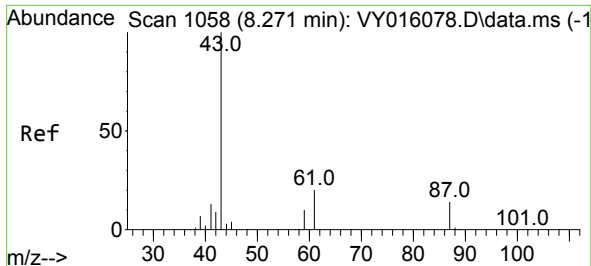
Tgt Ion: 41 Resp: 20395
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 10.257 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Tgt Ion: 62 Resp: 24357
Ion Ratio Lower Upper
62 100
98 10.9 0.0 15.8

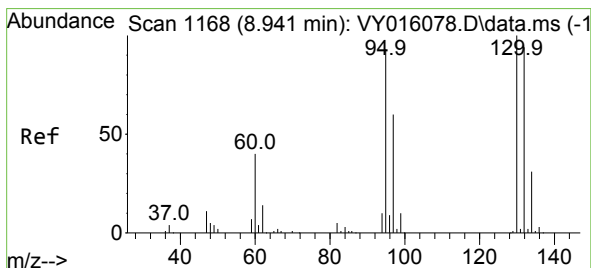
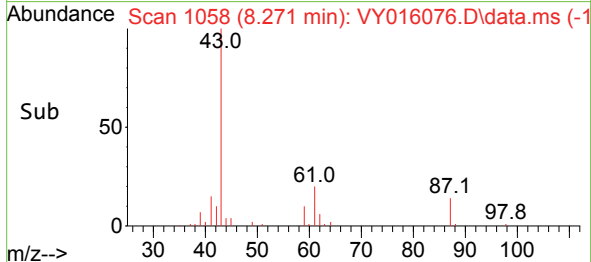
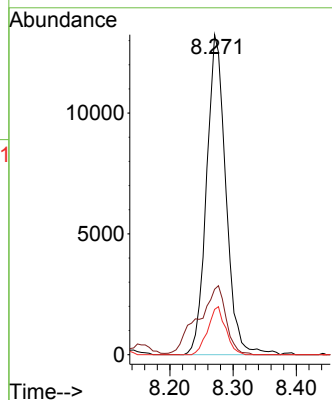
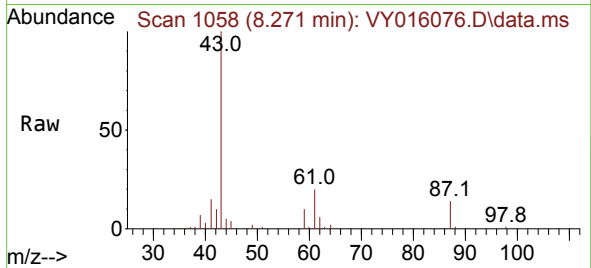




#43
Isopropyl Acetate
Concen: 10.091 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

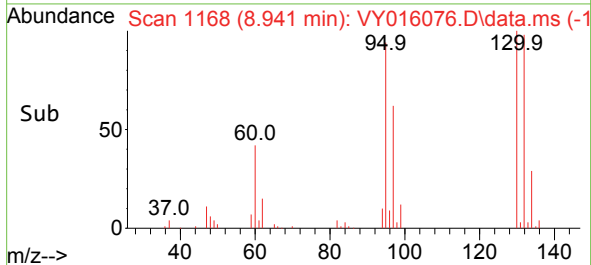
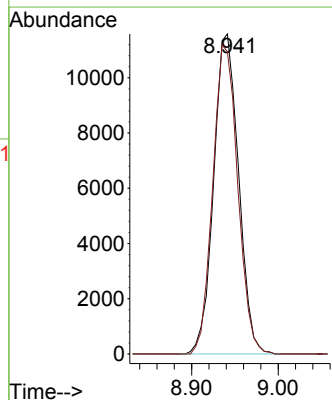
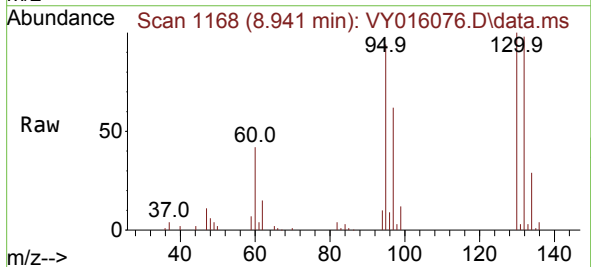
Instrument :
MSVOA_Y
ClientSampleId :

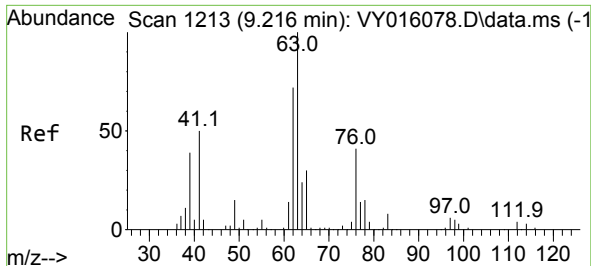
Tgt Ion: 43 Resp: 28071
Ion Ratio Lower Upper
43 100
61 31.2 21.1 31.7
87 13.8 9.8 14.8



#44
Trichloroethene
Concen: 10.066 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Tgt Ion:130 Resp: 23100
Ion Ratio Lower Upper
130 100
95 94.5 0.0 196.0

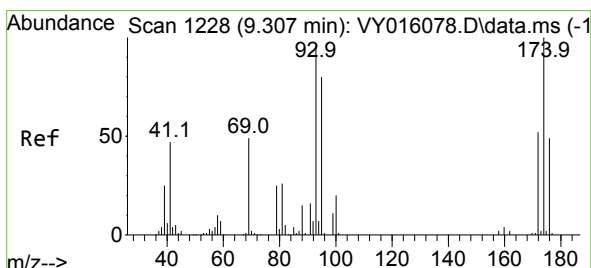
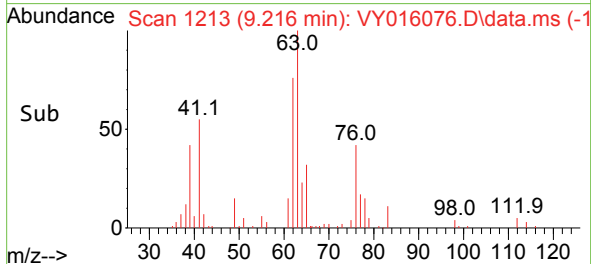
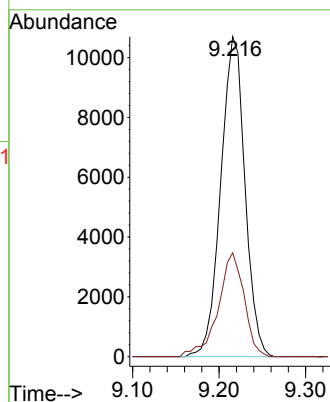
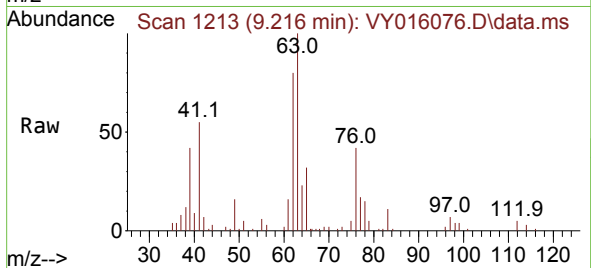




#45
1,2-Dichloropropane
Concen: 9.973 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

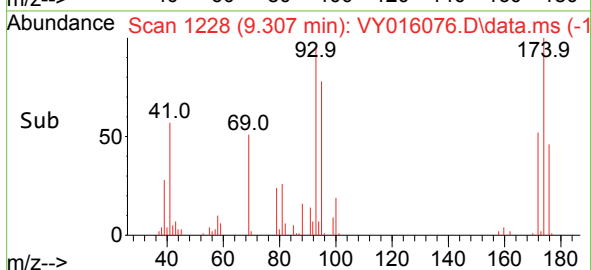
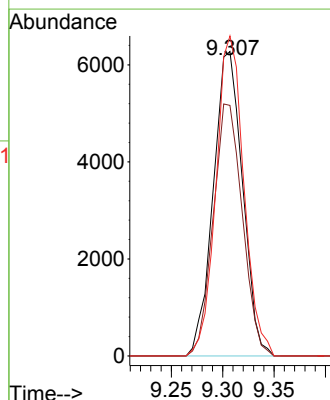
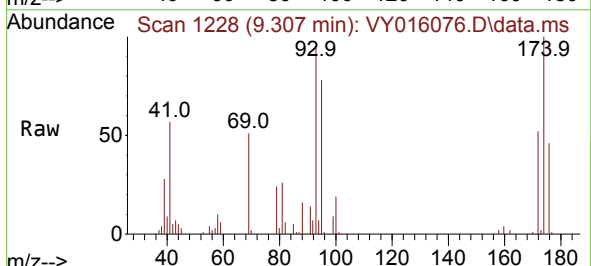
Instrument :
MSVOA_Y
ClientSampleId :

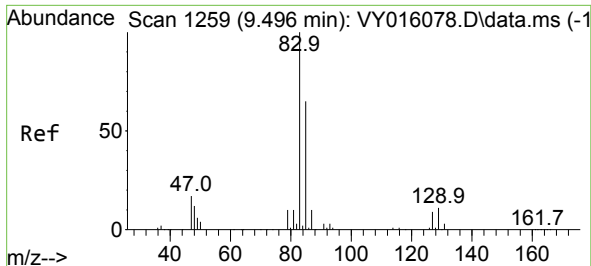
Tgt Ion: 63 Resp: 20744
Ion Ratio Lower Upper
63 100
65 32.4 23.8 35.6



#46
Dibromomethane
Concen: 10.189 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Tgt Ion: 93 Resp: 12426
Ion Ratio Lower Upper
93 100
95 82.3 66.6 100.0
174 100.1 84.8 127.2

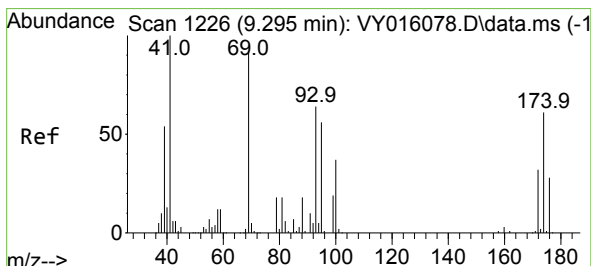
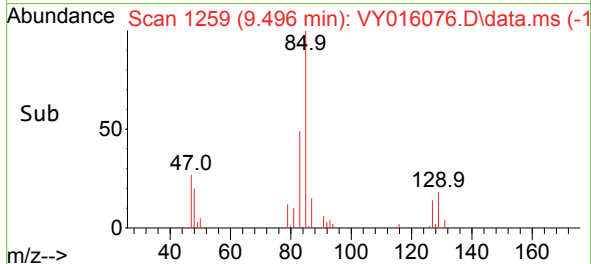
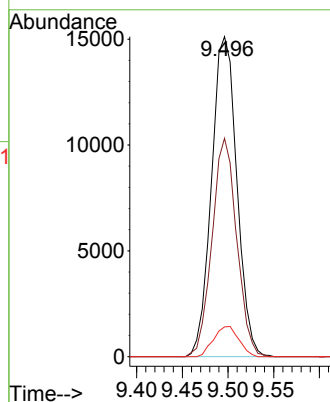
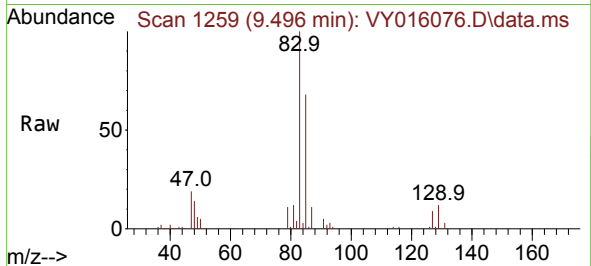




#47
Bromodichloromethane
Concen: 9.885 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

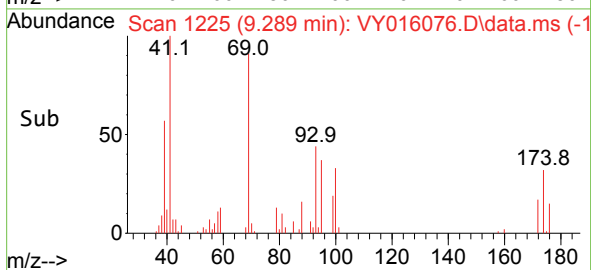
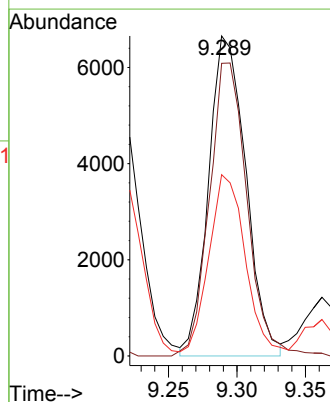
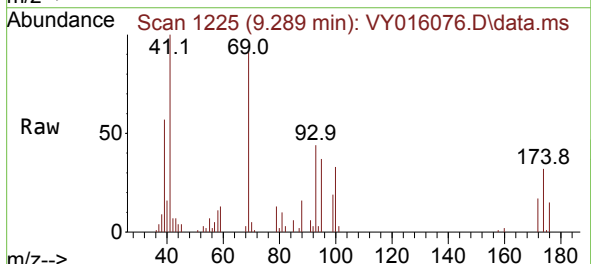
Instrument :
MSVOA_Y
ClientSampleId :

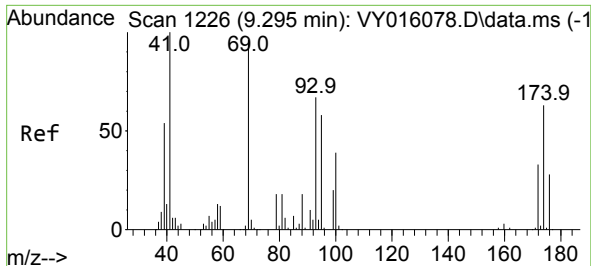
Tgt Ion: 83 Resp: 29155
Ion Ratio Lower Upper
83 100
85 68.3 50.1 75.1
127 9.3 7.1 10.7



#48
Methyl methacrylate
Concen: 9.831 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Tgt Ion: 41 Resp: 12599
Ion Ratio Lower Upper
41 100
69 92.4 64.5 96.7
39 53.7 50.8 76.2





#49

1,4-Dioxane

Concen: 194.708 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

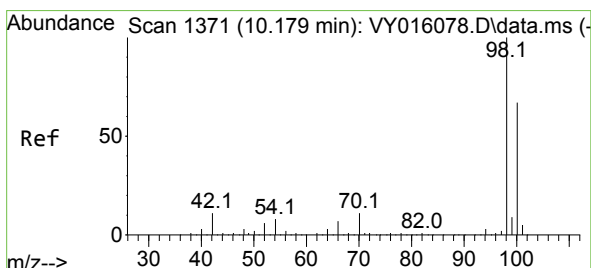
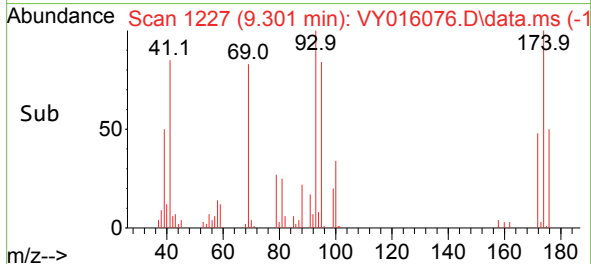
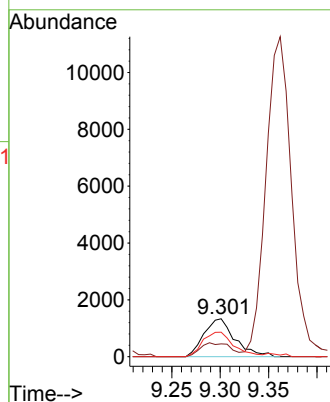
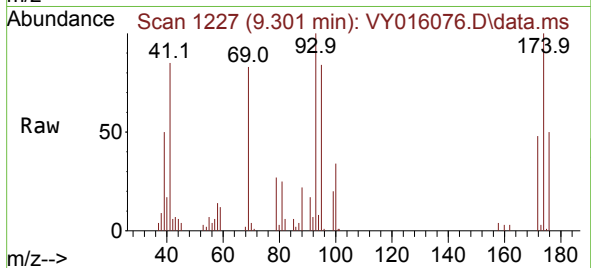
Tgt Ion: 88 Resp: 2971

Ion Ratio Lower Upper

88 100

43 35.4 0.0 0.0#

58 64.3 30.9 46.3#



#50

Toluene-d8

Concen: 10.375 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY016076.D

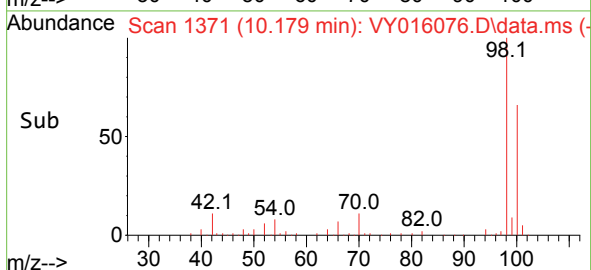
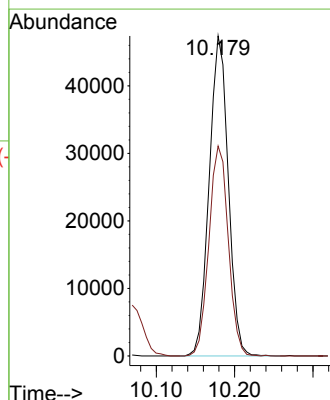
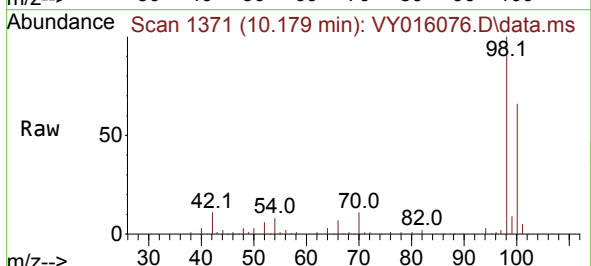
Acq: 26 Oct 2023 11:59

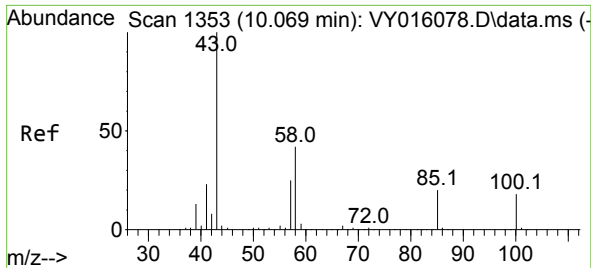
Tgt Ion: 98 Resp: 80025

Ion Ratio Lower Upper

98 100

100 66.6 50.1 75.1

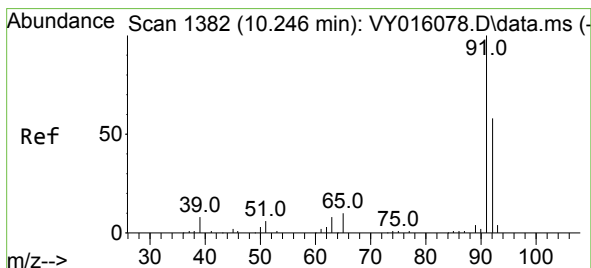
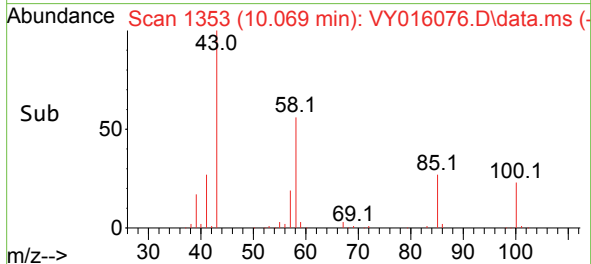
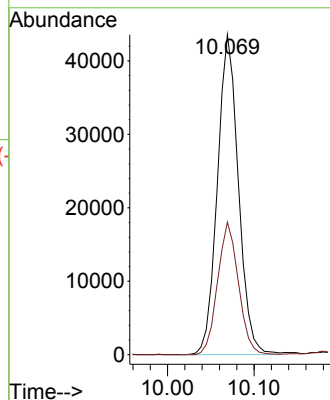
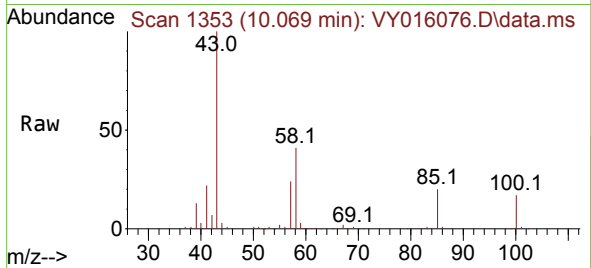




#51
4-Methyl-2-Pentanone
Concen: 50.054 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

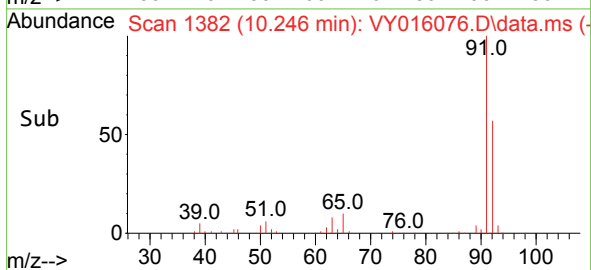
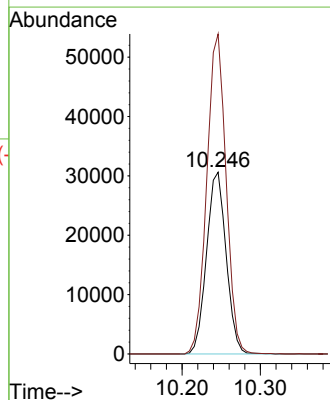
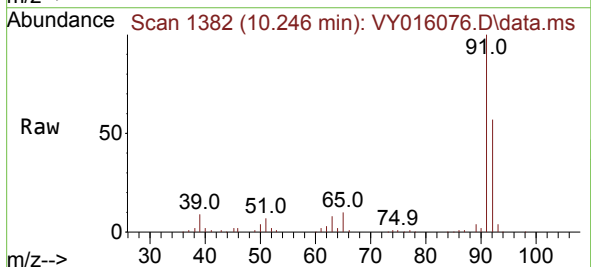
Instrument :
MSVOA_Y
ClientSampleId :

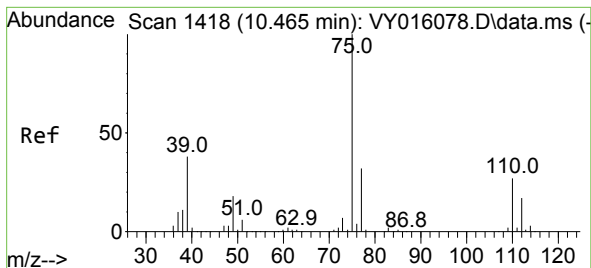
Tgt Ion: 43 Resp: 73474
Ion Ratio Lower Upper
43 100
58 41.0 29.0 43.6



#52
Toluene
Concen: 10.086 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Tgt Ion: 92 Resp: 53227
Ion Ratio Lower Upper
92 100
91 173.0 143.8 215.6

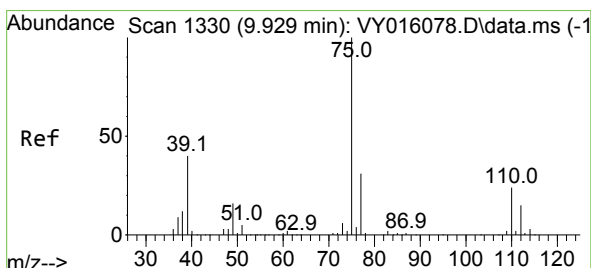
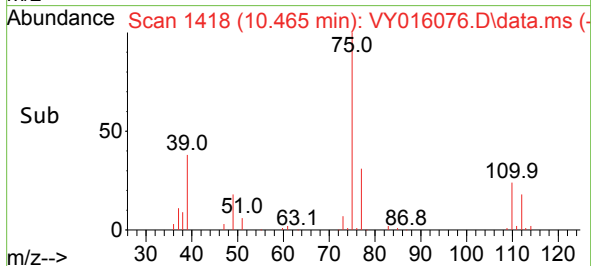
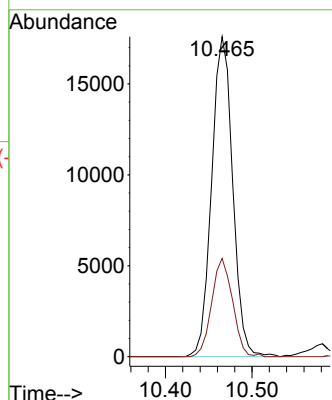
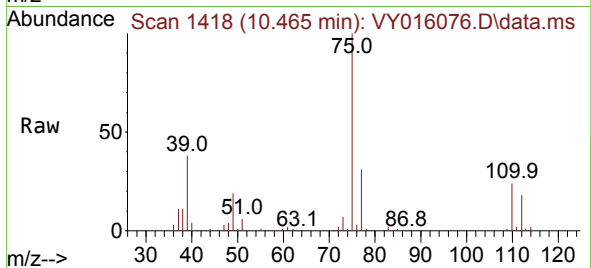




#53
 t-1,3-Dichloropropene
 Concen: 9.852 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY016076.D
 Acq: 26 Oct 2023 11:59

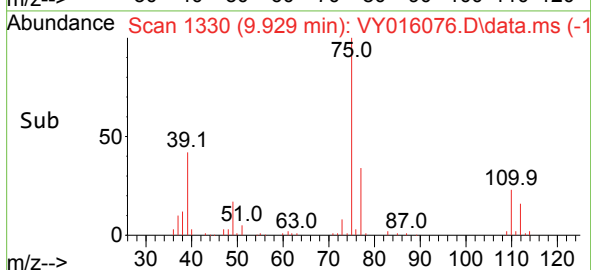
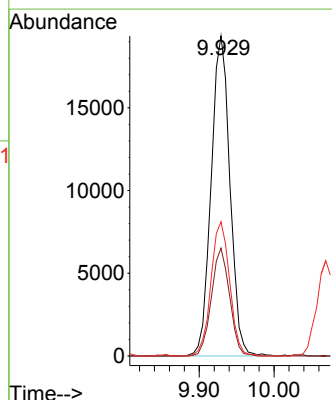
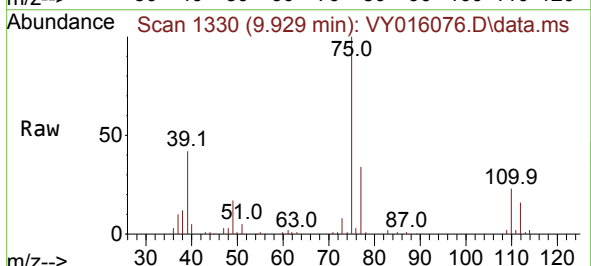
Instrument :
 MSVOA_Y
 ClientSampleId :

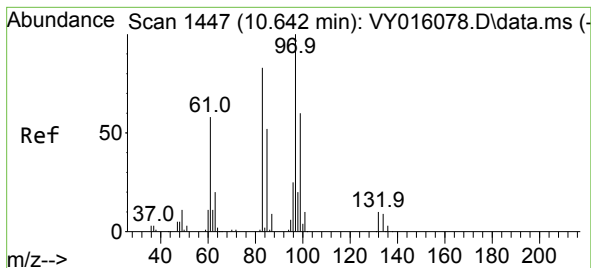
Tgt Ion: 75 Resp: 29716
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 9.920 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY016076.D
 Acq: 26 Oct 2023 11:59

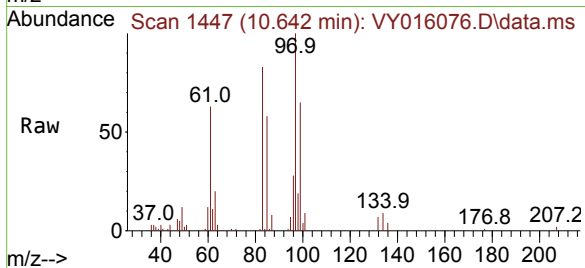
Tgt Ion: 75 Resp: 33838
 Ion Ratio Lower Upper
 75 100
 77 33.7 24.2 36.4
 39 42.0 42.2 63.4#



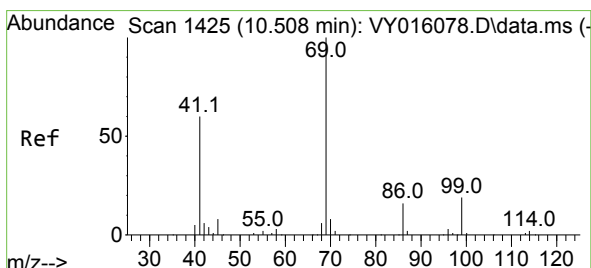
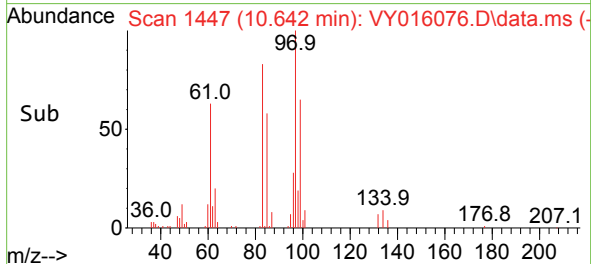
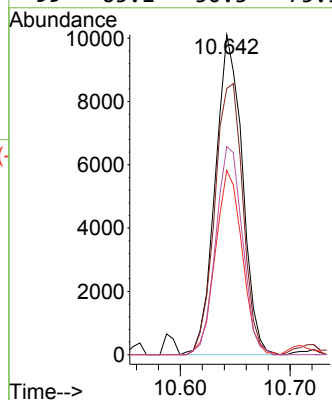


#55
 1,1,2-Trichloroethane
 Concen: 9.995 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: VY016076.D
 Acq: 26 Oct 2023 11:59

Instrument :
 MSVOA_Y
 ClientSampleId :

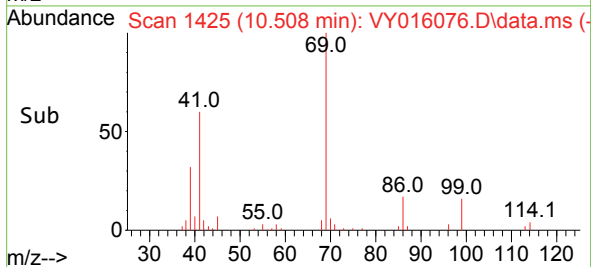
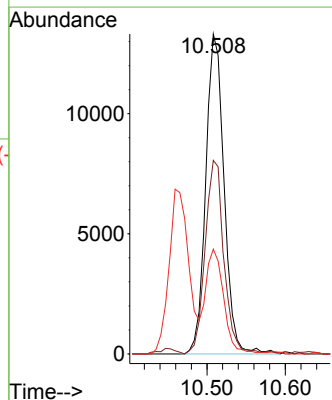
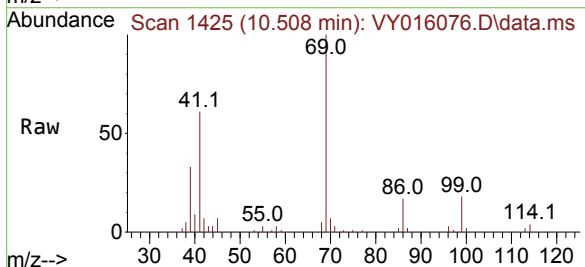


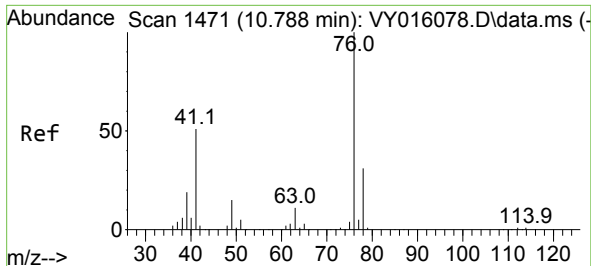
Tgt Ion: 97	Resp: 17319
Ion Ratio	Lower Upper
97 100	
83 83.2	72.0 108.0
85 57.6	45.4 68.0
99 65.1	50.3 75.5



#56
 Ethyl methacrylate
 Concen: 9.714 ug/l
 RT: 10.508 min Scan# 1425
 Delta R.T. 0.000 min
 Lab File: VY016076.D
 Acq: 26 Oct 2023 11:59

Tgt Ion: 69	Resp: 21633
Ion Ratio	Lower Upper
69 100	
41 62.5	57.6 86.4
39 31.4	34.1 51.1#





#57

1,3-Dichloropropane

Concen: 10.125 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

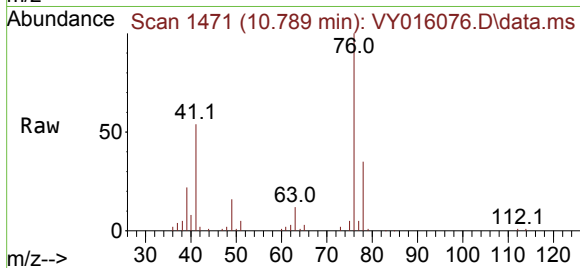
Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

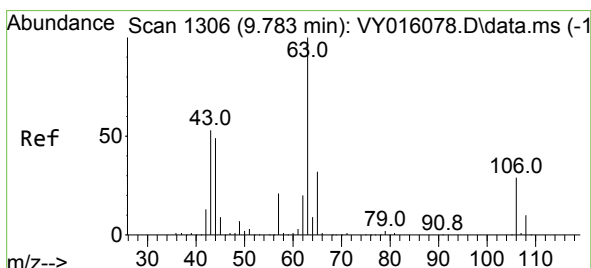
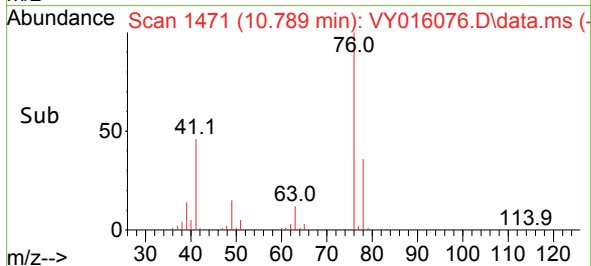
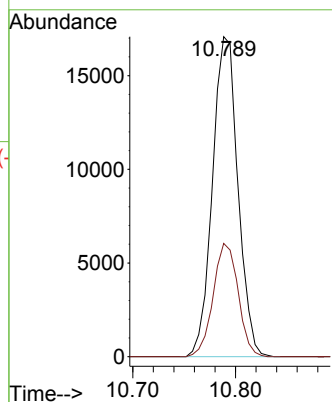


Tgt Ion: 76 Resp: 29329

Ion Ratio Lower Upper

76 100

78 34.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 48.904 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY016076.D

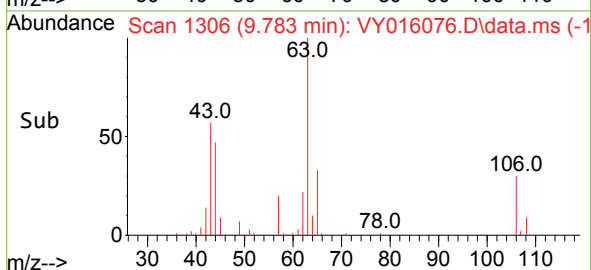
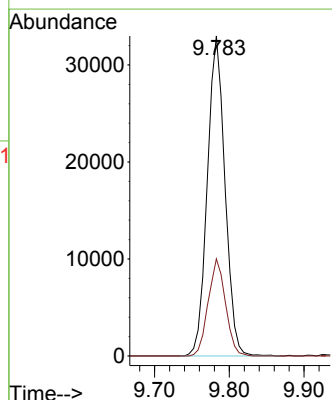
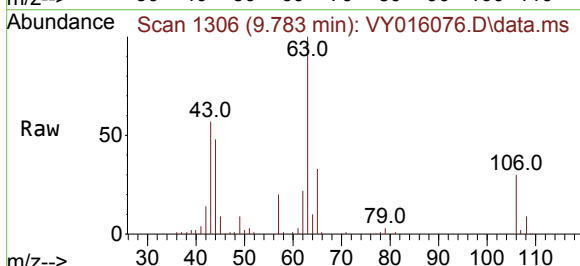
Acq: 26 Oct 2023 11:59

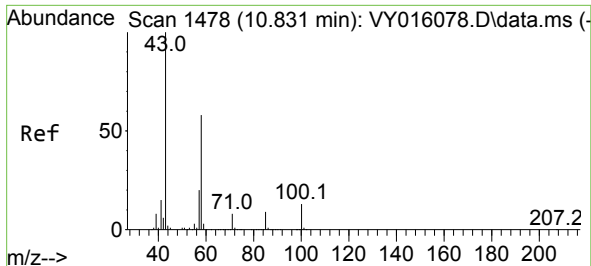
Tgt Ion: 63 Resp: 54217

Ion Ratio Lower Upper

63 100

106 29.7 21.2 31.8

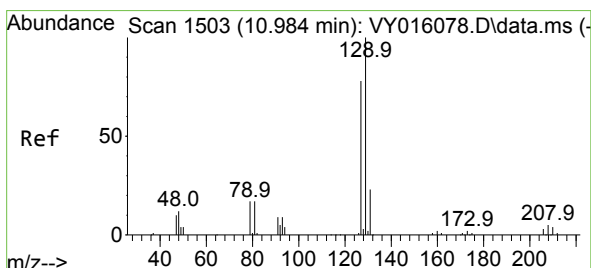
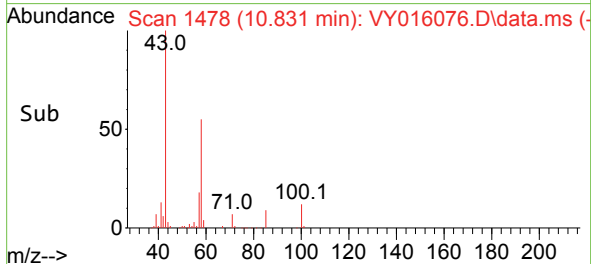
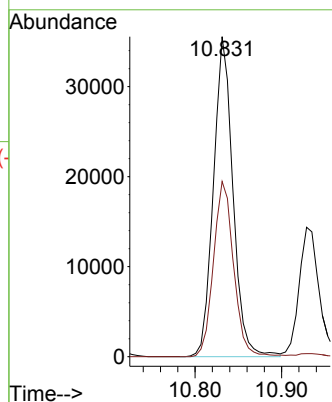
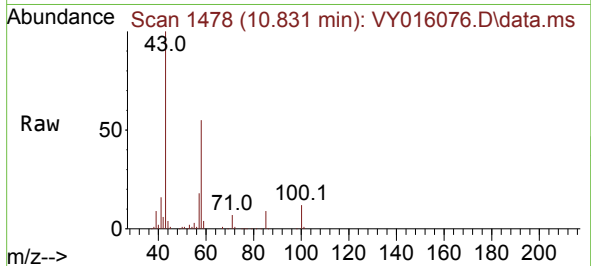




#59
2-Hexanone
Concen: 51.450 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

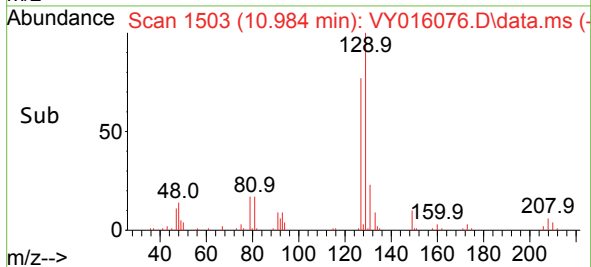
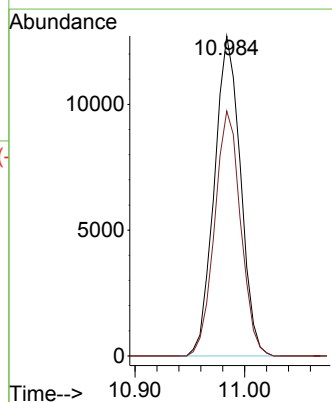
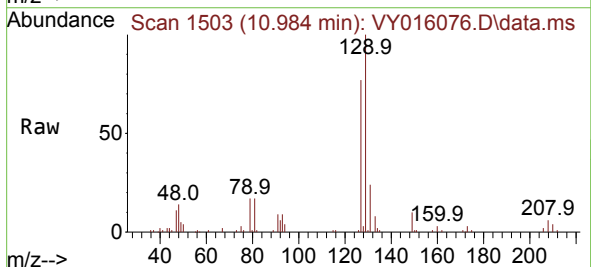
Instrument :
MSVOA_Y
ClientSampleId :

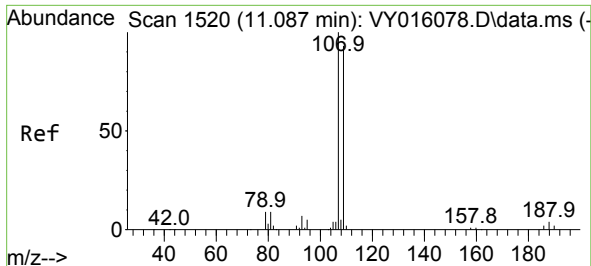
Tgt Ion: 43 Resp: 55632
Ion Ratio Lower Upper
43 100
58 56.5 25.1 75.3



#60
Dibromochloromethane
Concen: 9.927 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Tgt Ion: 129 Resp: 21065
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5

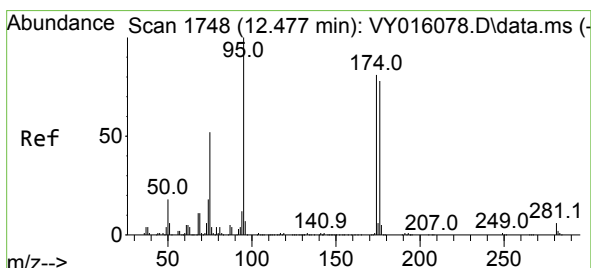
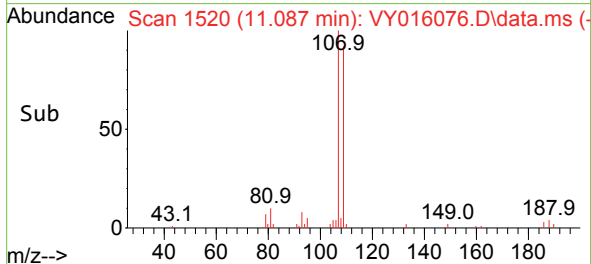
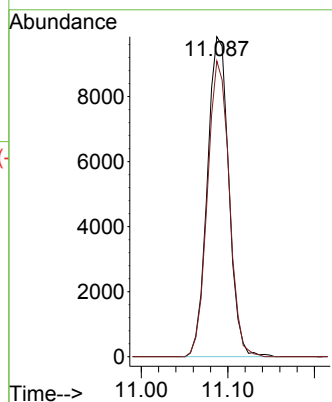
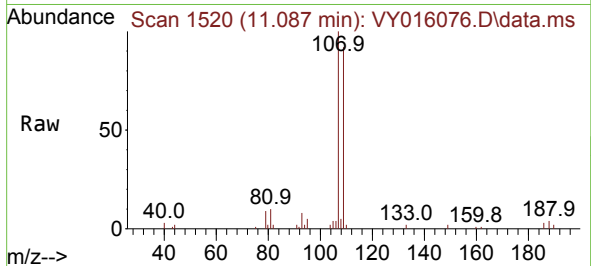




#61
1,2-Dibromoethane
Concen: 10.210 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

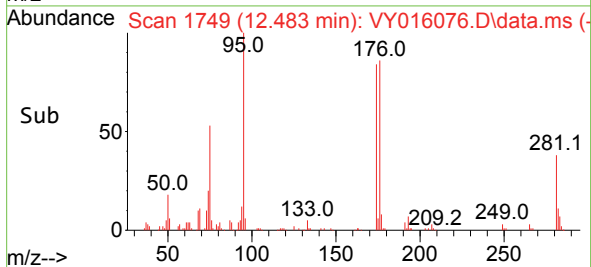
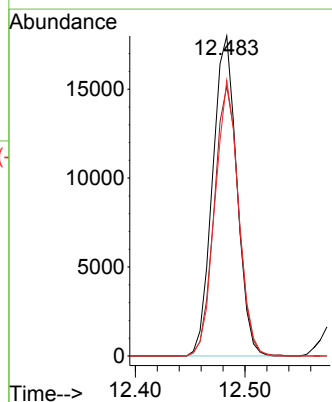
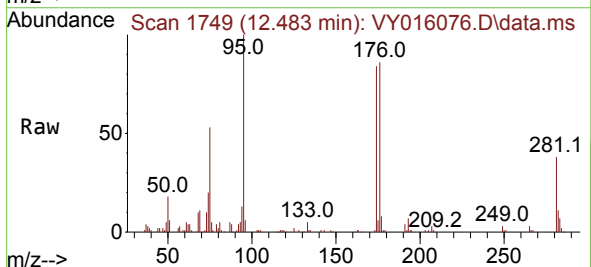
Instrument :
MSVOA_Y
ClientSampleId :

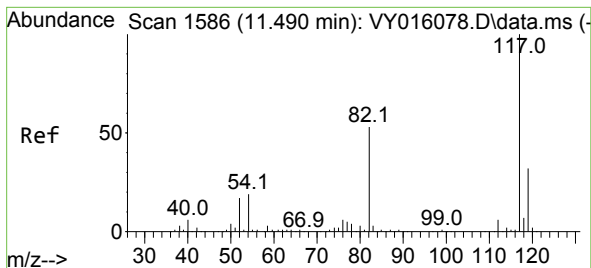
Tgt Ion:107 Resp: 16942
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 10.432 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Tgt Ion: 95 Resp: 27603
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 83.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

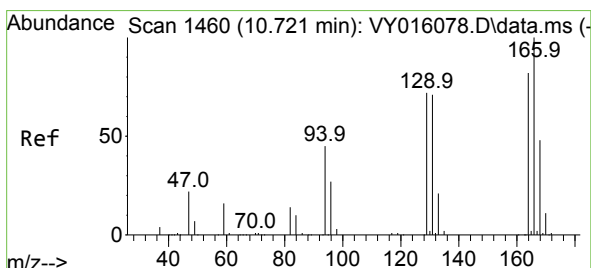
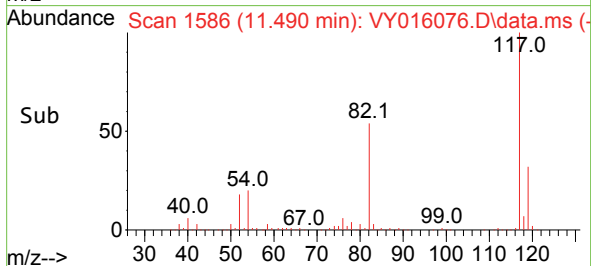
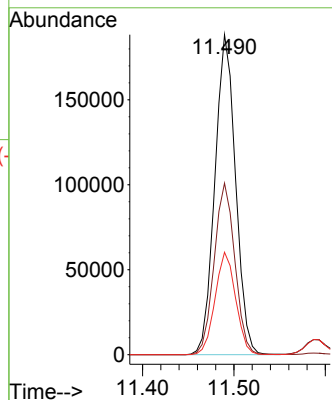
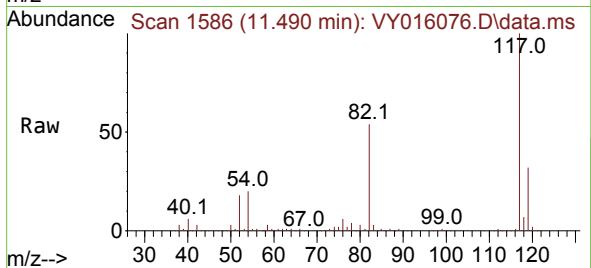
Tgt Ion:117 Resp: 296681

Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

119 32.0 26.3 39.5



#64

Tetrachloroethene

Concen: 10.070 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Tgt Ion:164 Resp: 19770

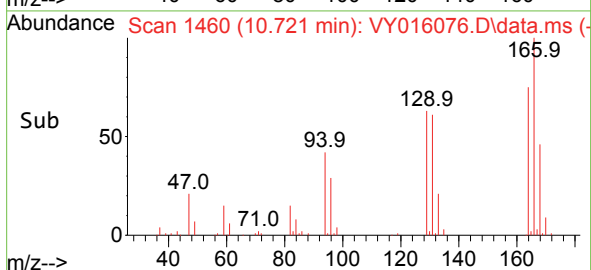
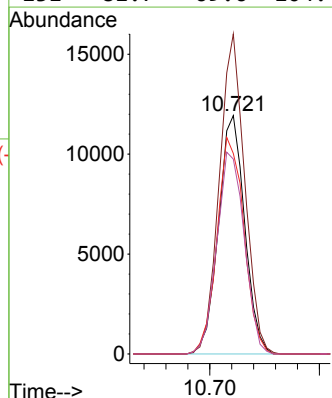
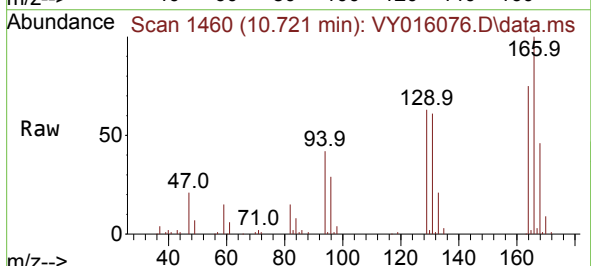
Ion Ratio Lower Upper

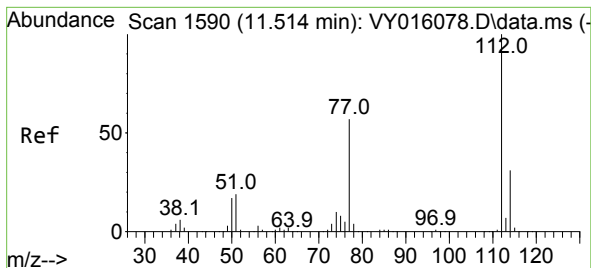
164 100

166 134.2 103.0 154.6

129 84.1 77.2 115.8

131 81.7 69.6 104.4

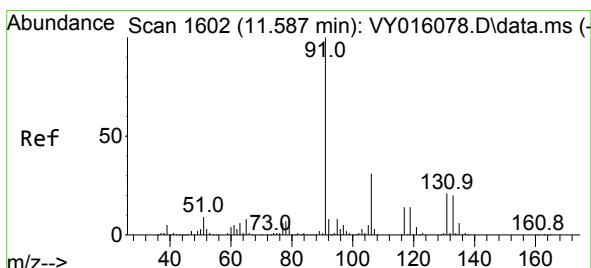
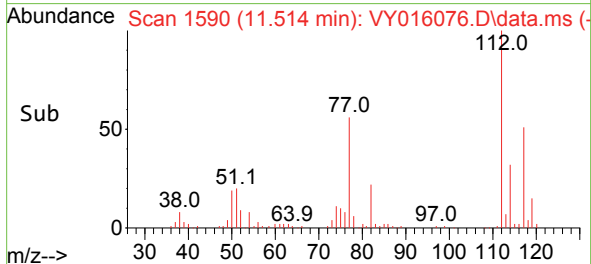
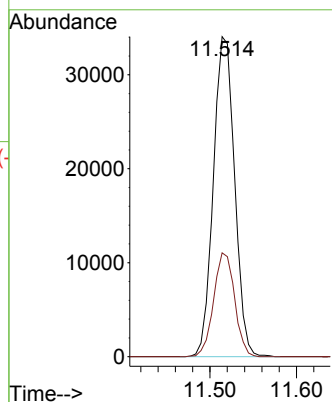
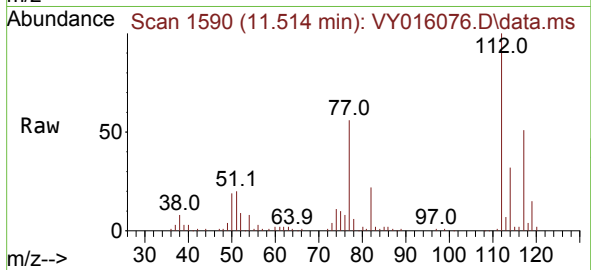




#65
Chlorobenzene
Concen: 9.956 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

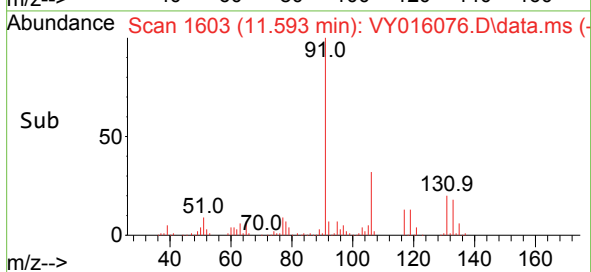
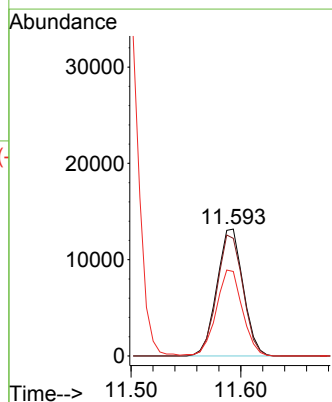
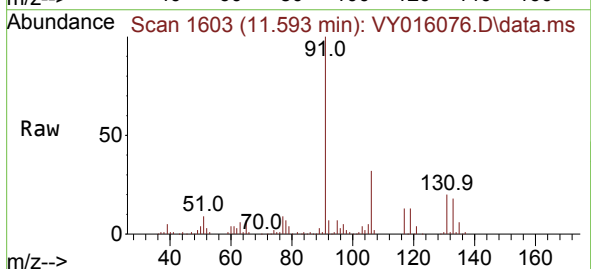
Instrument :
MSVOA_Y
ClientSampleId :

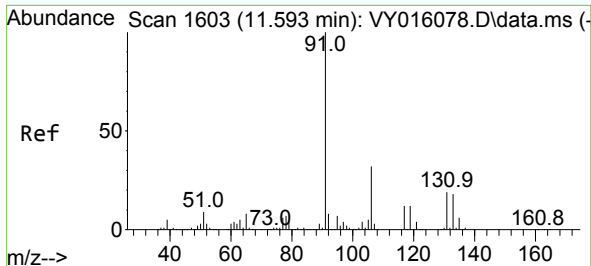
Tgt Ion:112 Resp: 58044
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 10.091 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Tgt Ion:131 Resp: 21971
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.6
119 67.4 31.6 94.7

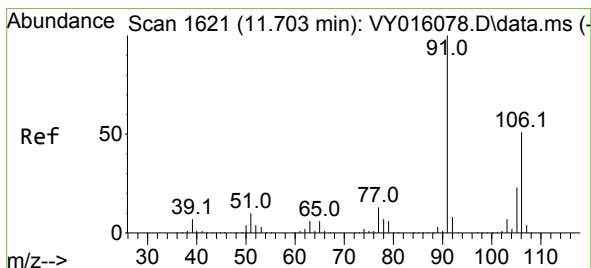
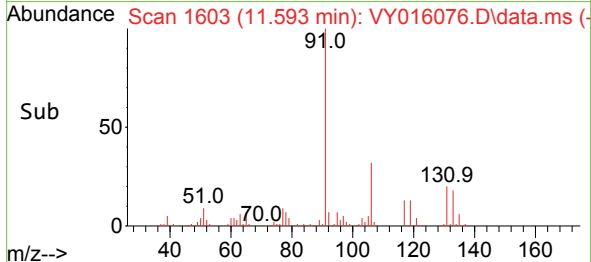
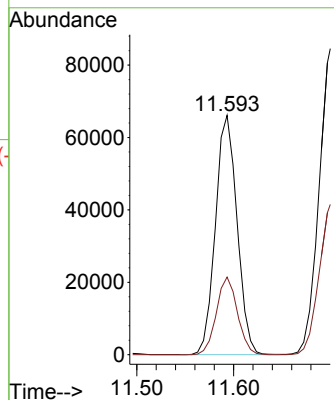
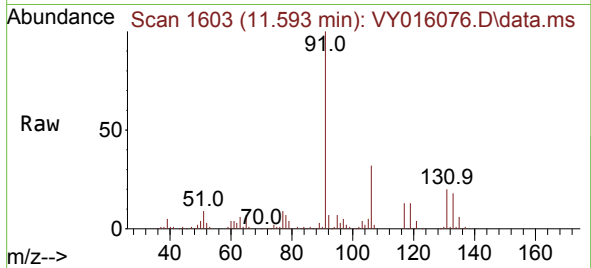




#67
Ethyl Benzene
Concen: 9.891 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

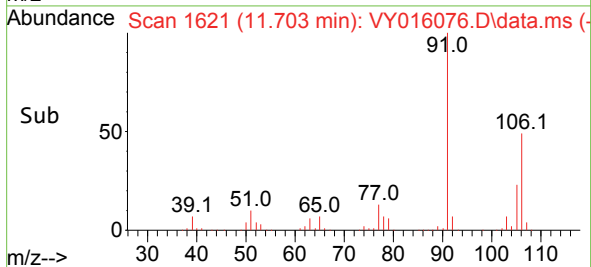
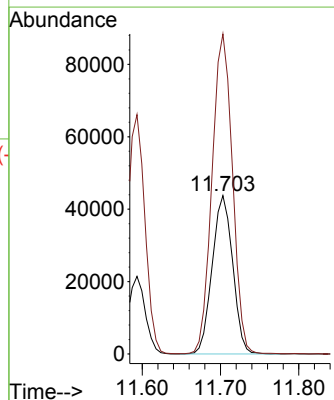
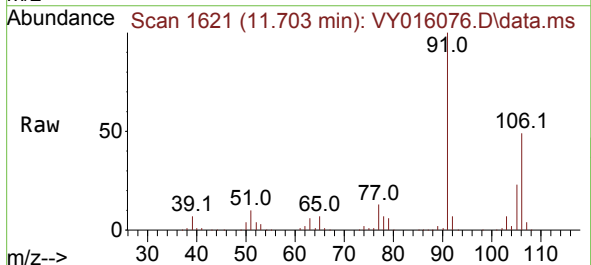
Instrument :
MSVOA_Y
ClientSampleId :

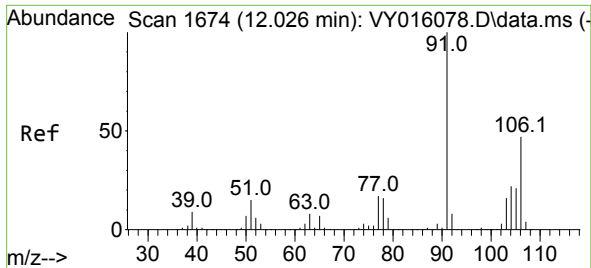
Tgt Ion: 91 Resp: 102432
Ion Ratio Lower Upper
91 100
106 32.4 24.6 36.8



#68
m/p-Xylenes
Concen: 19.823 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Tgt Ion:106 Resp: 79441
Ion Ratio Lower Upper
106 100
91 201.5 166.1 249.1

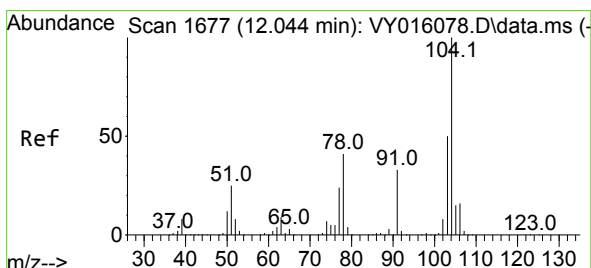
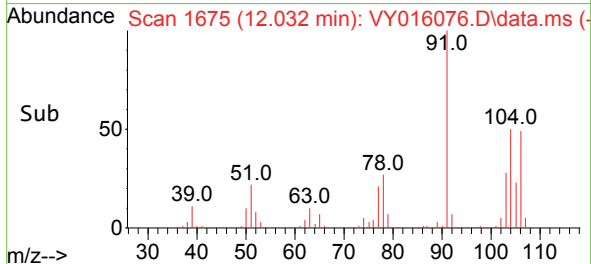
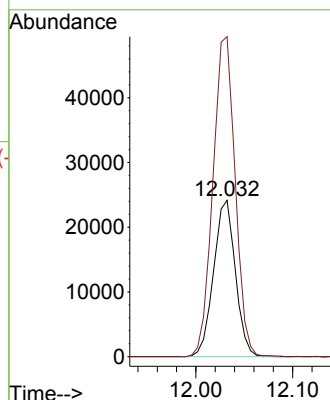
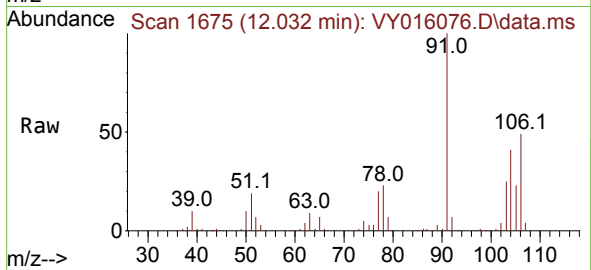




#69
o-Xylene
Concen: 9.832 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

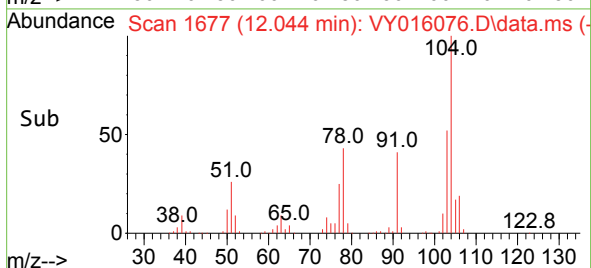
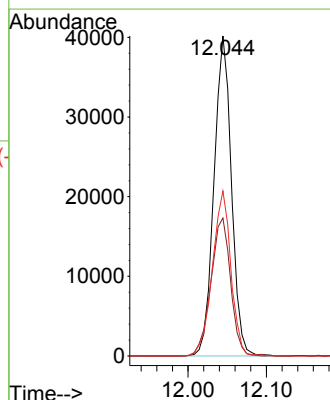
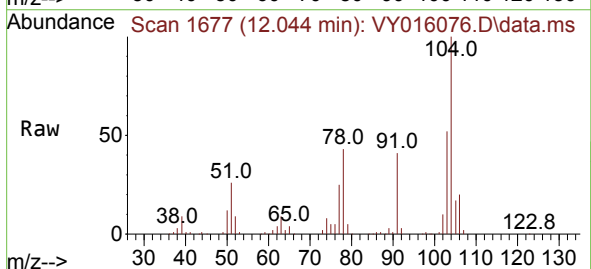
Instrument :
MSVOA_Y
ClientSampleId :

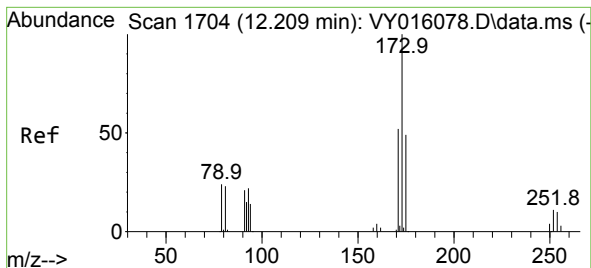
Tgt Ion:106 Resp: 37723
Ion Ratio Lower Upper
106 100
91 209.3 108.1 324.3



#70
Styrene
Concen: 9.730 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Tgt Ion:104 Resp: 62226
Ion Ratio Lower Upper
104 100
78 48.4 41.5 62.3
103 54.7 44.6 67.0





#71

Bromoform

Concen: 9.809 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

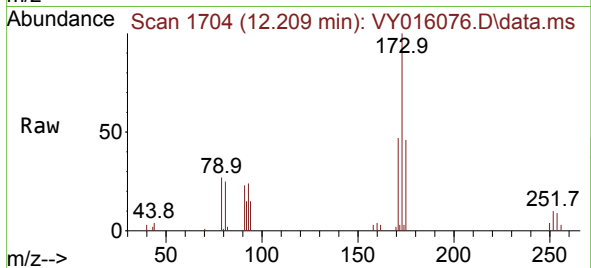
Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :



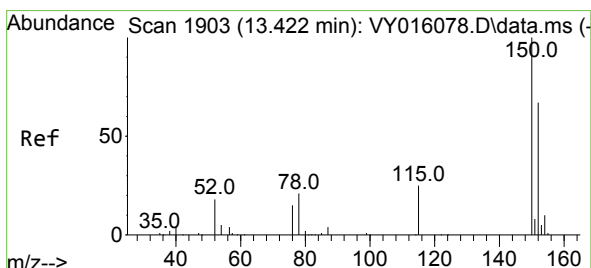
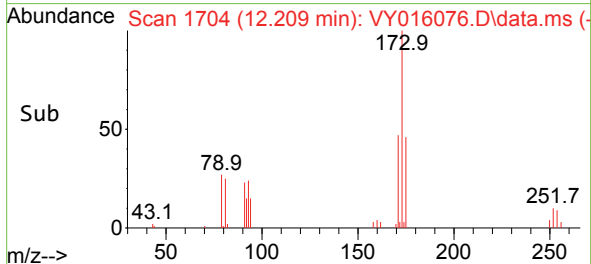
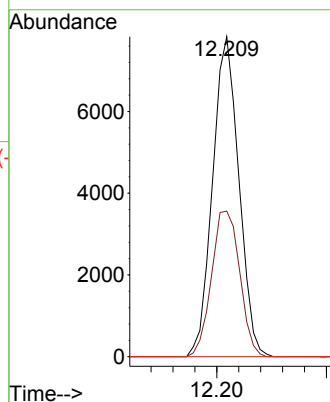
Tgt Ion:173 Resp: 13009

Ion Ratio Lower Upper

173 100

175 49.0 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

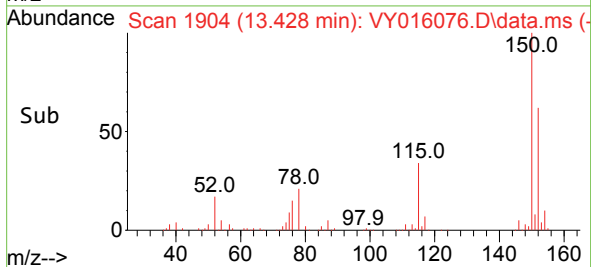
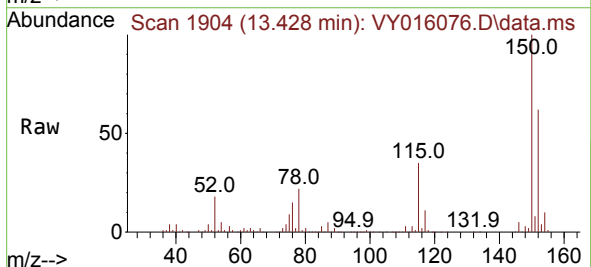
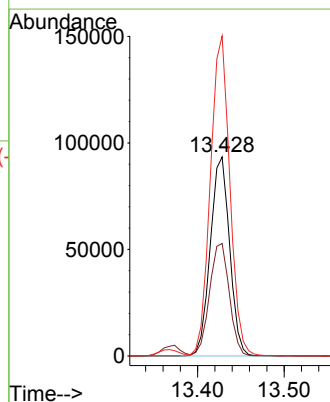
Tgt Ion:152 Resp: 144971

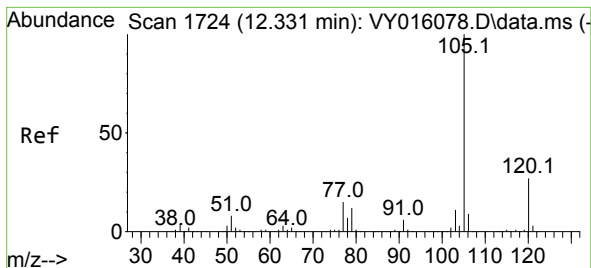
Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 162.0 0.0 348.8





#73

Isopropylbenzene

Concen: 9.903 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Instrument :

MSVOA_Y

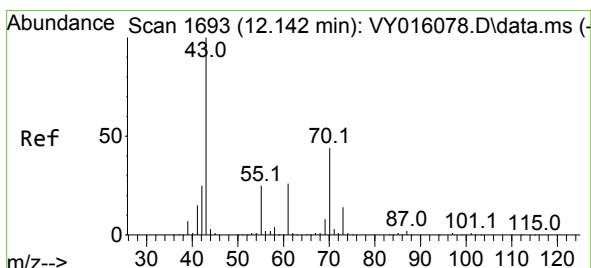
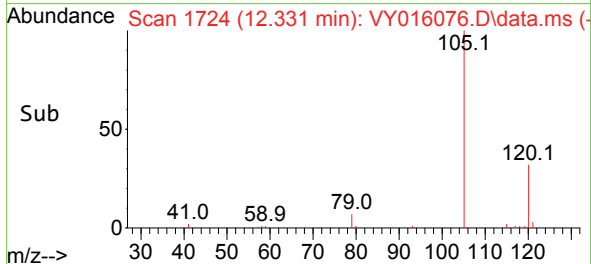
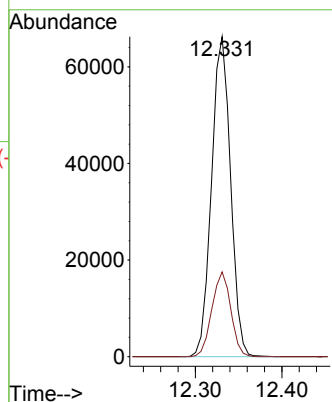
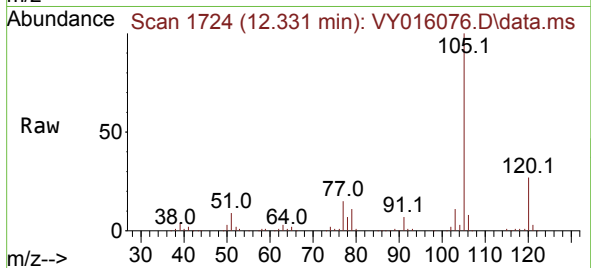
ClientSampleId :

Tgt Ion:105 Resp: 101035

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



#74

N-ethyl acetate

Concen: 9.617 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Tgt Ion: 43 Resp: 23925

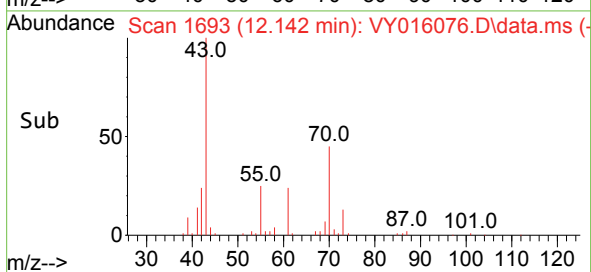
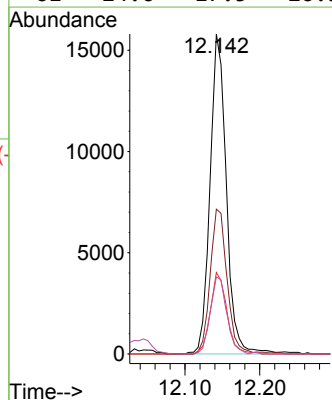
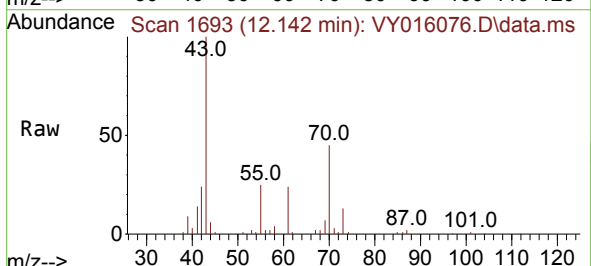
Ion Ratio Lower Upper

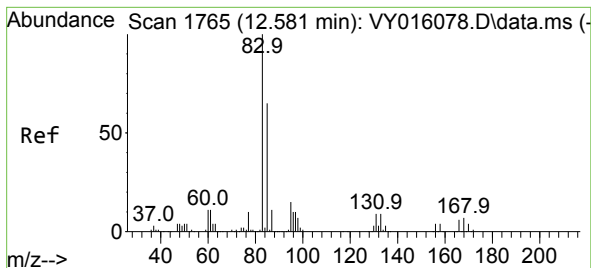
43 100

70 46.7 29.7 44.5#

55 25.6 18.3 27.5

61 24.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 10.197 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

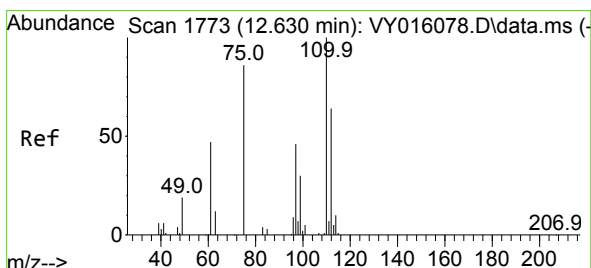
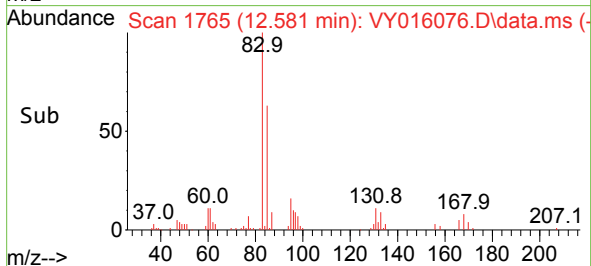
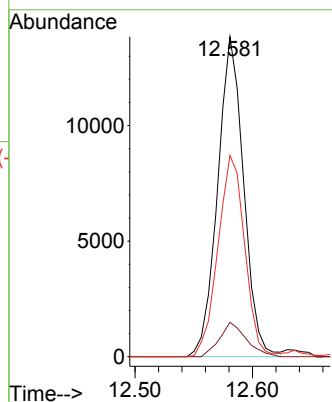
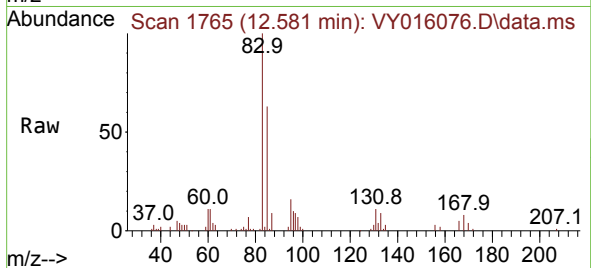
Tgt Ion: 83 Resp: 21267

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

85 64.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 17.298 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY016076.D

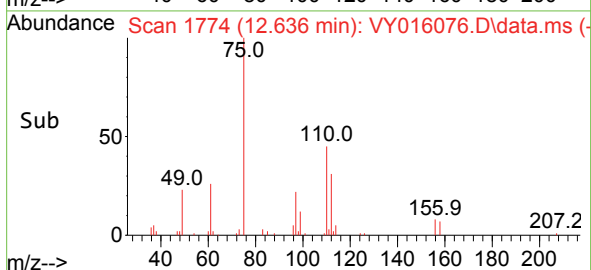
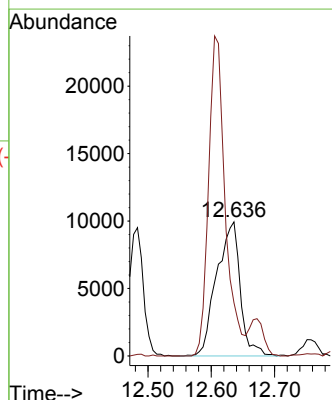
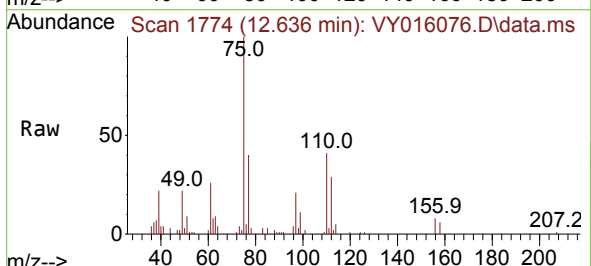
Acq: 26 Oct 2023 11:59

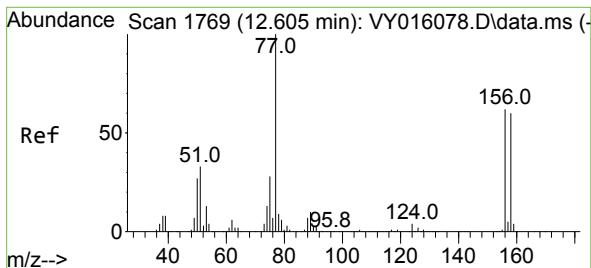
Tgt Ion: 75 Resp: 25779

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.859 ug/l

RT: 12.611 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

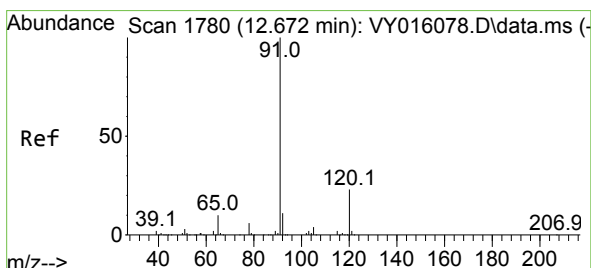
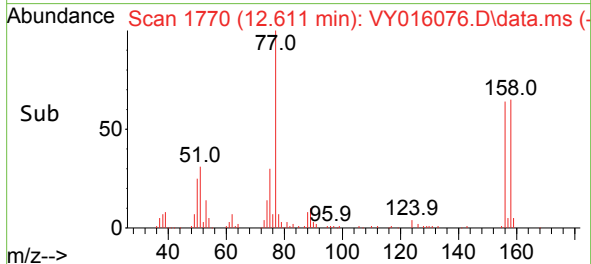
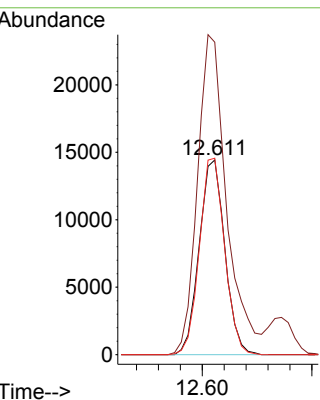
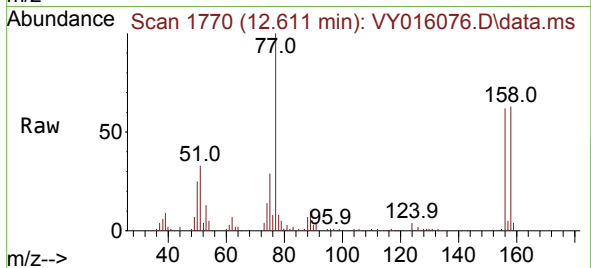
Tgt Ion:156 Resp: 23475

Ion Ratio Lower Upper

156 100

77 186.6 92.8 278.6

158 98.8 48.4 145.3



#78

n-propylbenzene

Concen: 9.967 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY016076.D

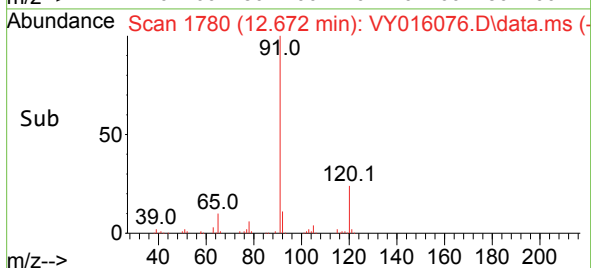
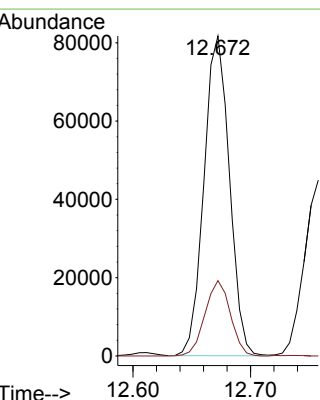
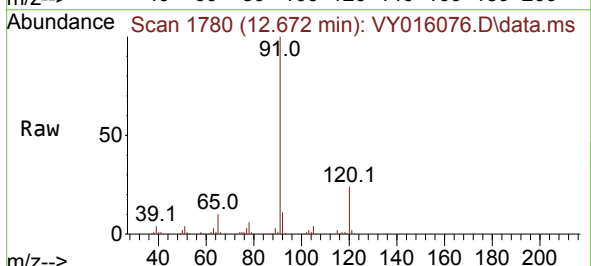
Acq: 26 Oct 2023 11:59

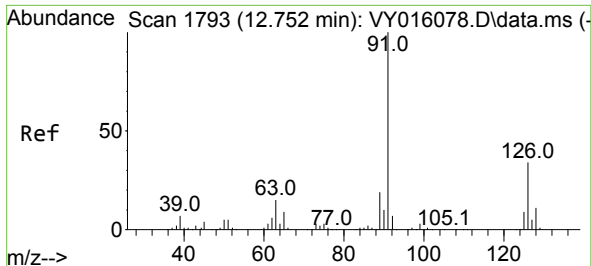
Tgt Ion: 91 Resp: 123123

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

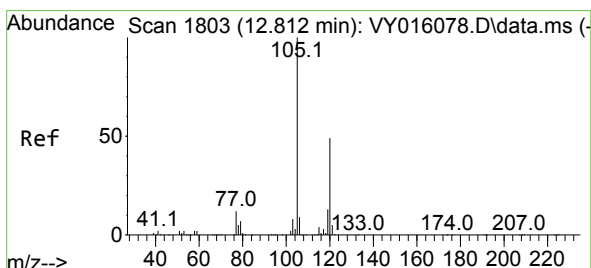
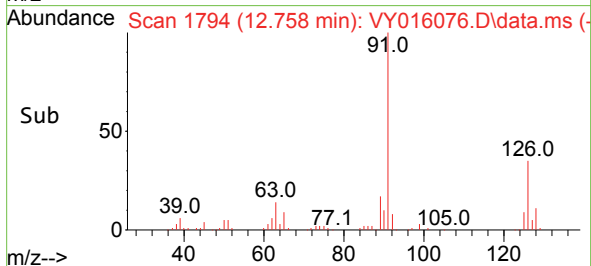
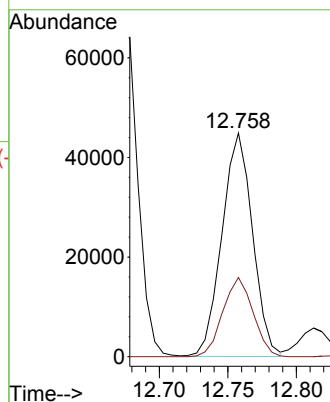
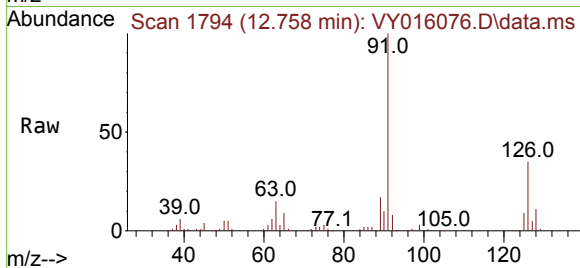




#79
2-Chlorotoluene
Concen: 10.072 ug/l
RT: 12.758 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

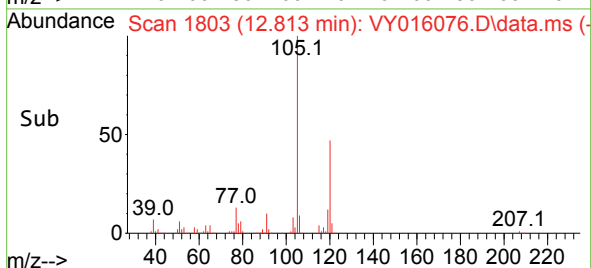
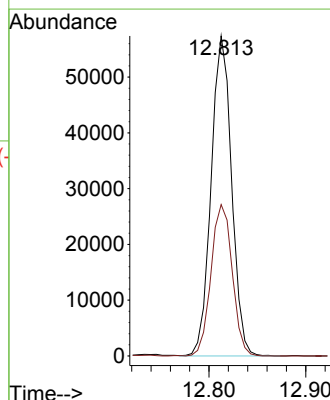
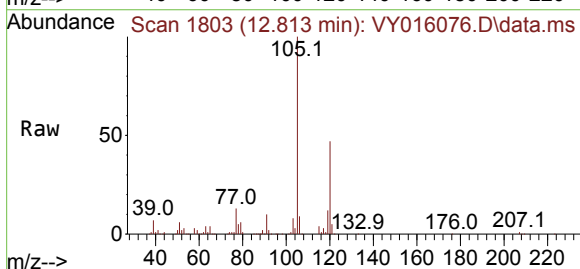
Instrument :
MSVOA_Y
ClientSampleId :

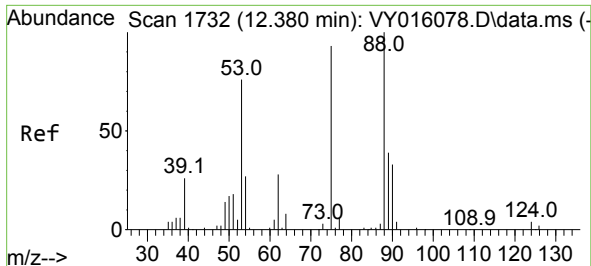
Tgt Ion: 91 Resp: 69682
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 9.966 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Tgt Ion: 105 Resp: 84422
Ion Ratio Lower Upper
105 100
120 49.0 23.9 71.7

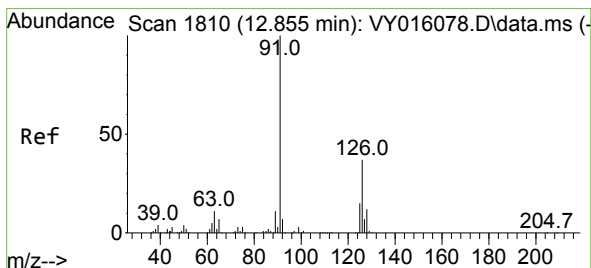
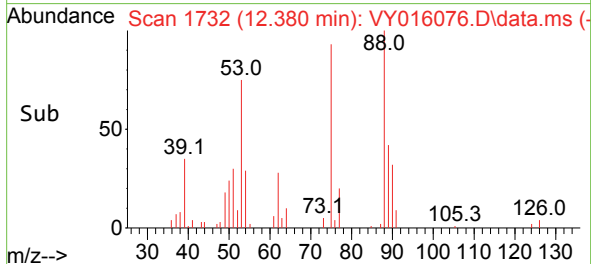
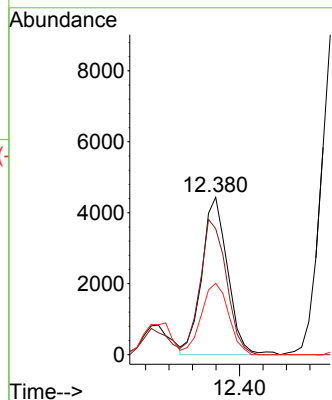
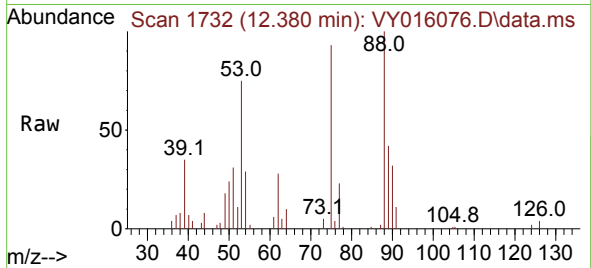




#81
trans-1,4-Dichloro-2-butene
Concen: 9.890 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

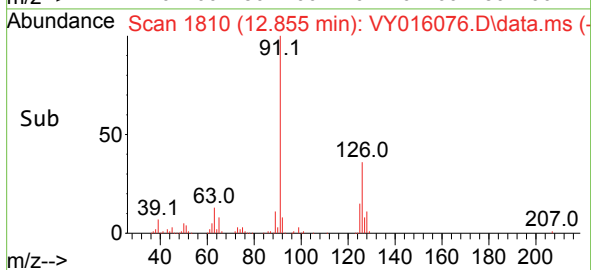
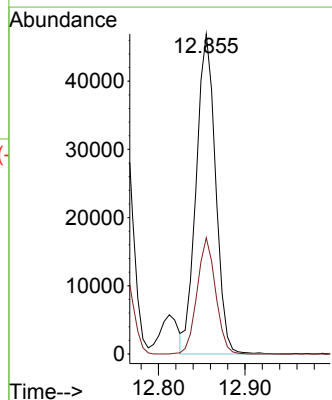
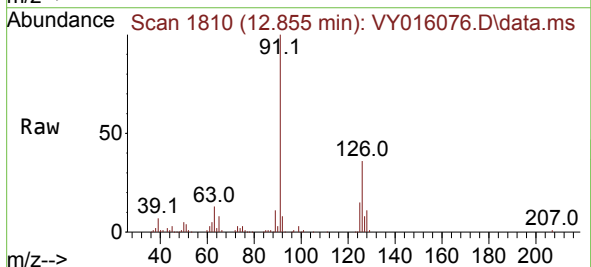
Instrument :
MSVOA_Y
ClientSampleId :

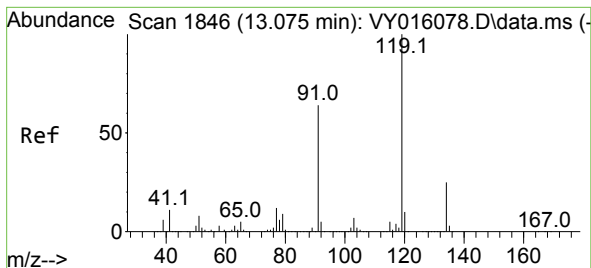
Tgt Ion: 75 Resp: 6736
Ion Ratio Lower Upper
75 100
53 87.7 77.8 116.8
89 48.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 10.142 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY016076.D
Acq: 26 Oct 2023 11:59

Tgt Ion: 91 Resp: 72768
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 9.846 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

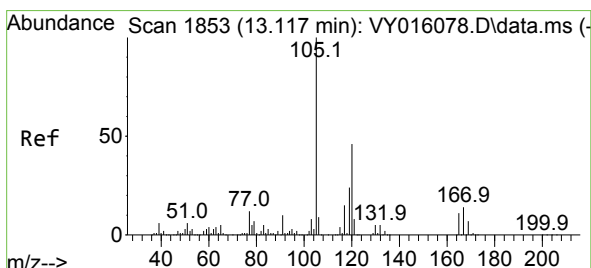
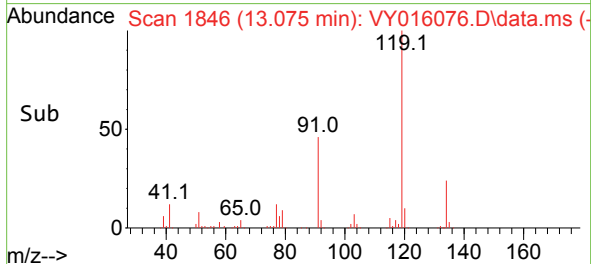
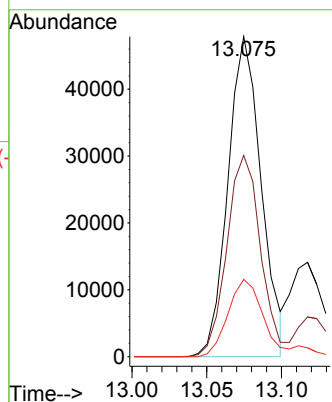
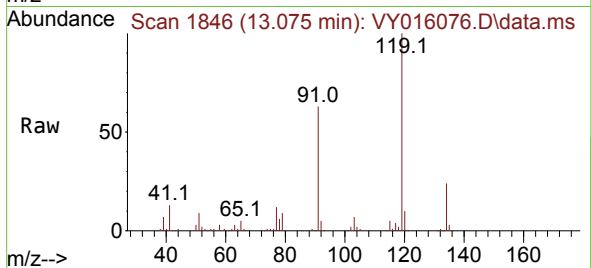
Tgt Ion:119 Resp: 74133

Ion Ratio Lower Upper

119 100

91 64.4 32.9 98.6

134 25.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 10.088 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY016076.D

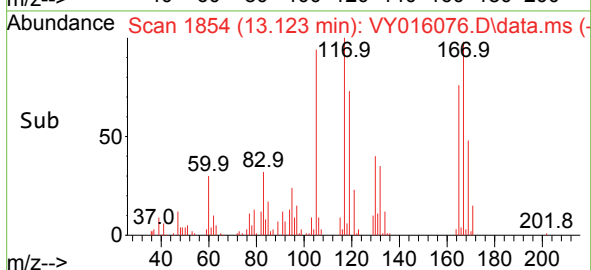
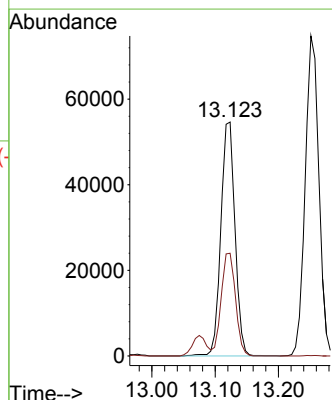
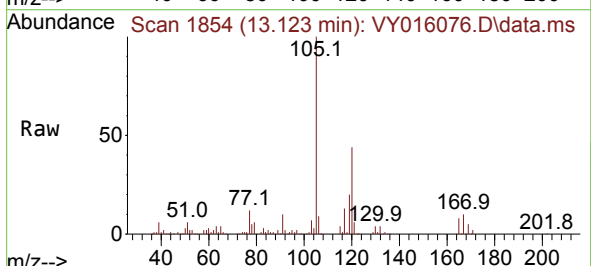
Acq: 26 Oct 2023 11:59

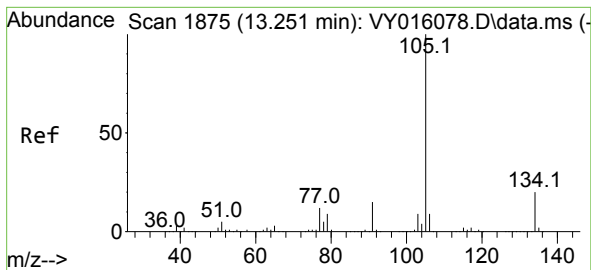
Tgt Ion:105 Resp: 84398

Ion Ratio Lower Upper

105 100

120 44.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 9.959 ug/l

RT: 13.252 min Scan# 111681

Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Instrument :

MSVOA_Y

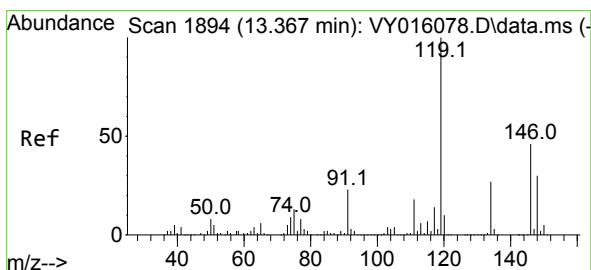
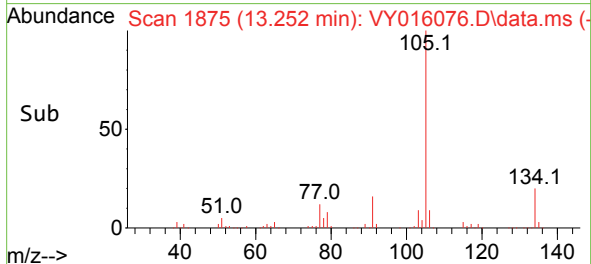
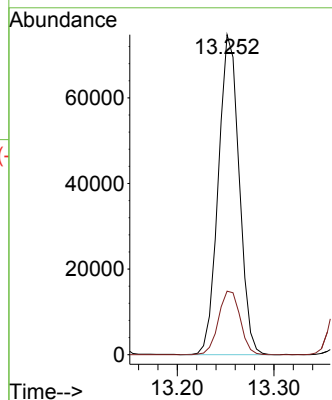
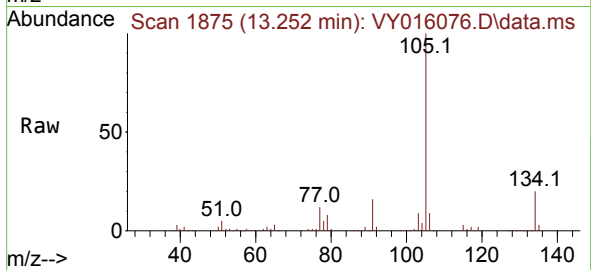
ClientSampleId :

Tgt Ion:105 Resp: 111681

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 9.921 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

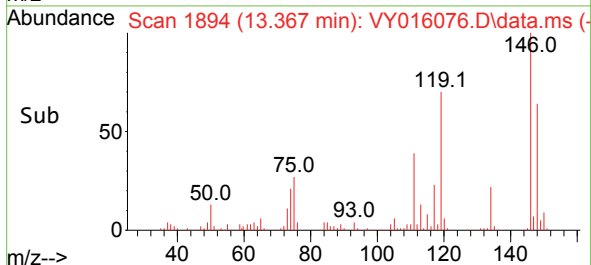
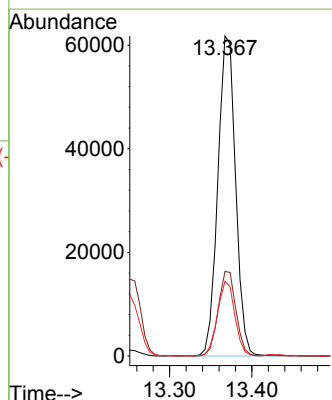
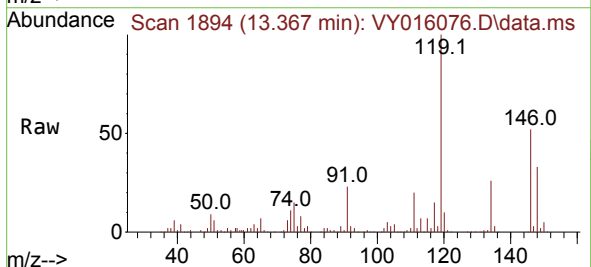
Tgt Ion:119 Resp: 92841

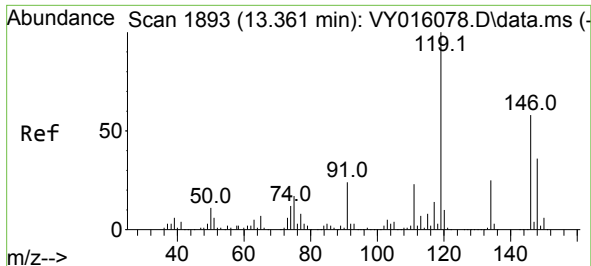
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 22.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 10.051 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

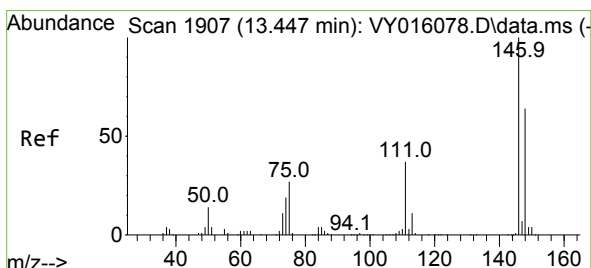
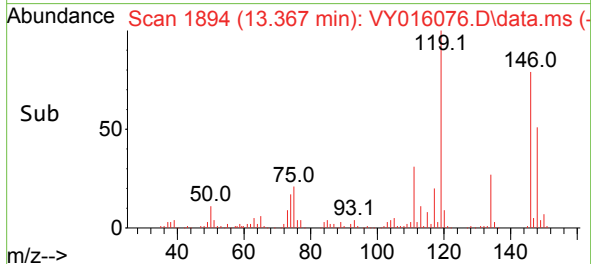
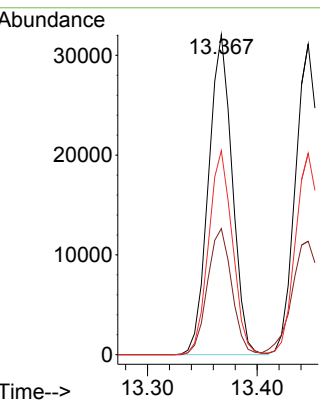
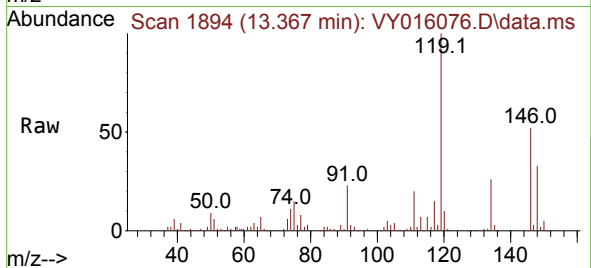
Tgt Ion:146 Resp: 48327

Ion Ratio Lower Upper

146 100

111 40.3 19.4 58.2

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 10.074 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

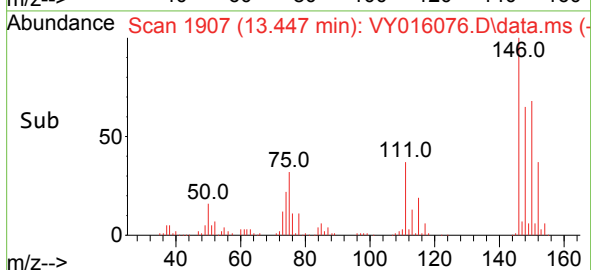
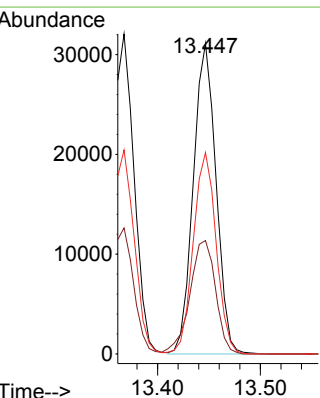
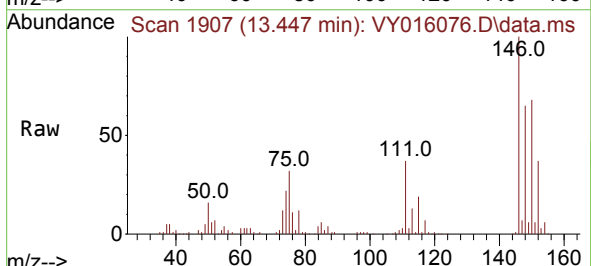
Tgt Ion:146 Resp: 47871

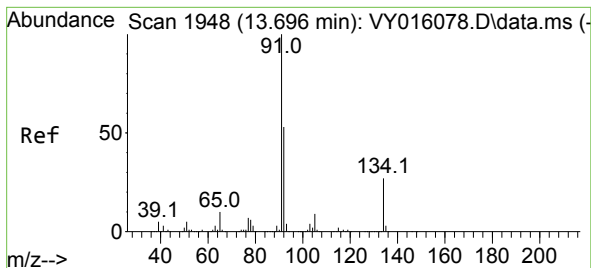
Ion Ratio Lower Upper

146 100

111 41.3 18.9 56.7

148 65.4 32.1 96.5





#89

n-Butylbenzene

Concen: 9.960 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY016076.D

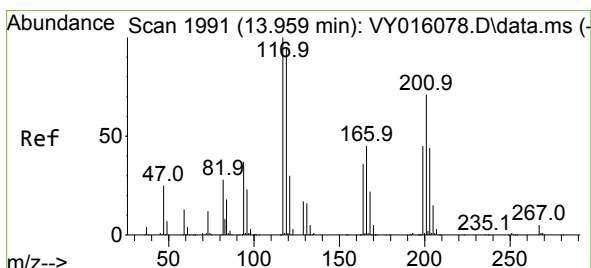
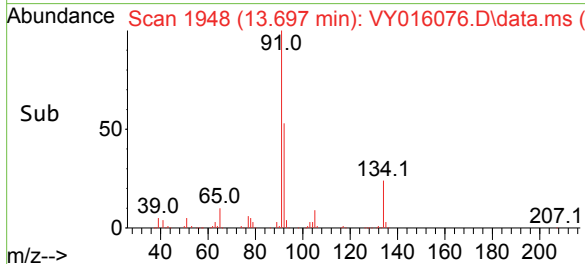
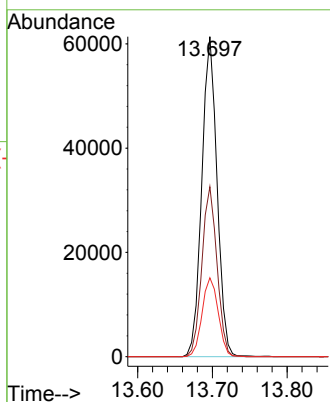
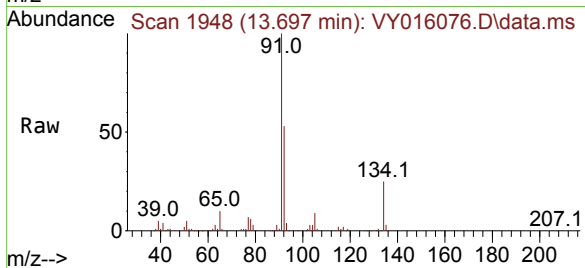
Acq: 26 Oct 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp: 86942
Ion Ratio	Lower Upper
91	100
92	52.8 25.4 76.0
134	26.0 12.6 37.6



#90

Hexachloroethane

Concen: 9.947 ug/l

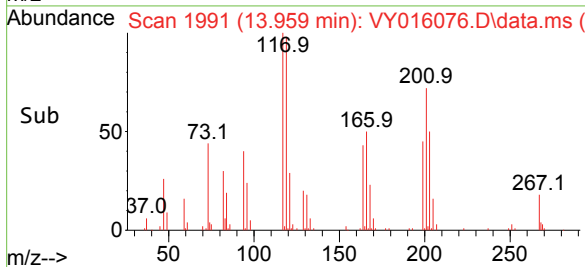
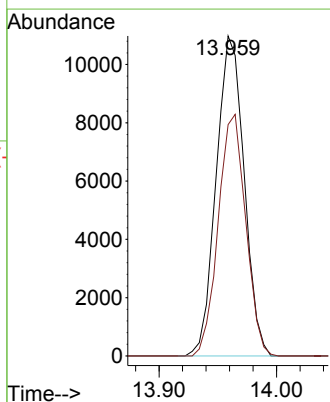
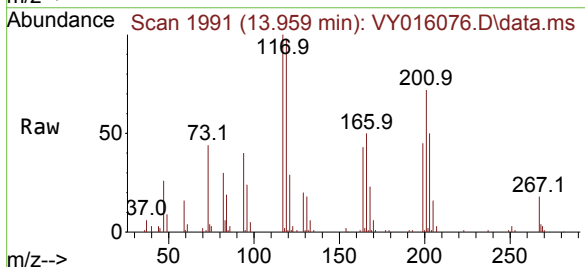
RT: 13.959 min Scan# 1991

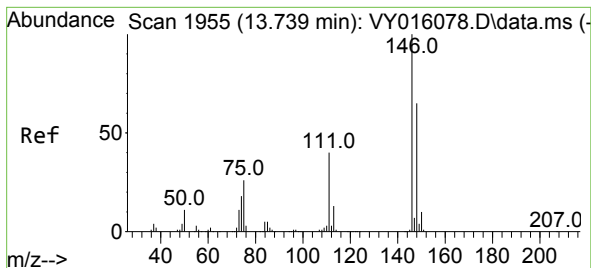
Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Tgt Ion: 117	Resp: 18122
Ion Ratio	Lower Upper
117	100
201	74.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 10.203 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

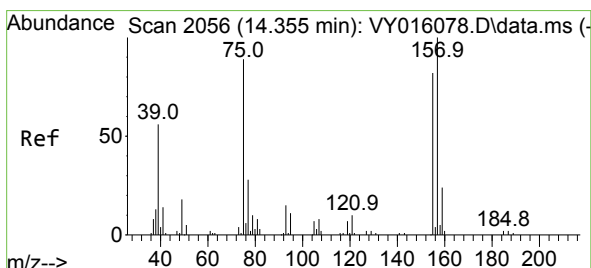
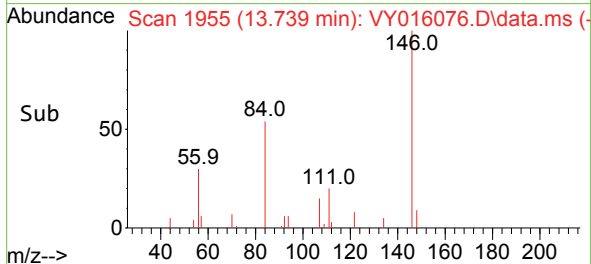
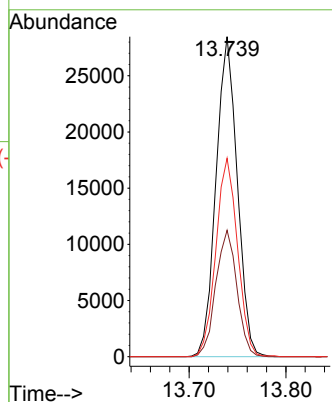
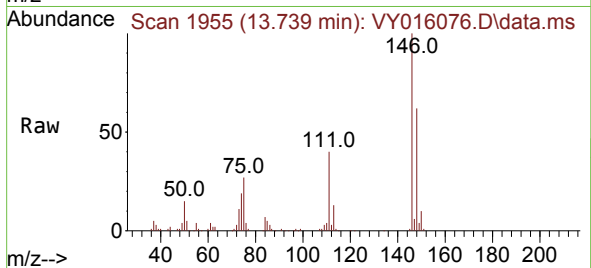
Tgt Ion:146 Resp: 43433

Ion Ratio Lower Upper

146 100

111 39.2 19.7 59.0

148 63.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.146 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

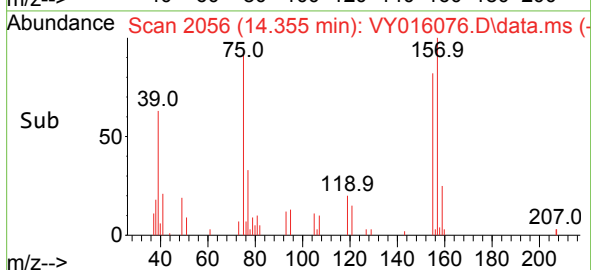
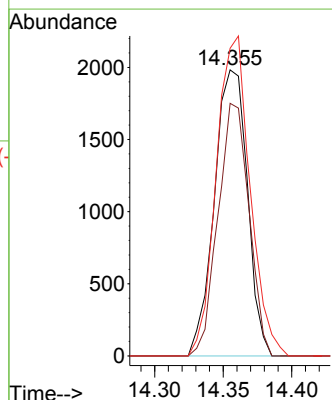
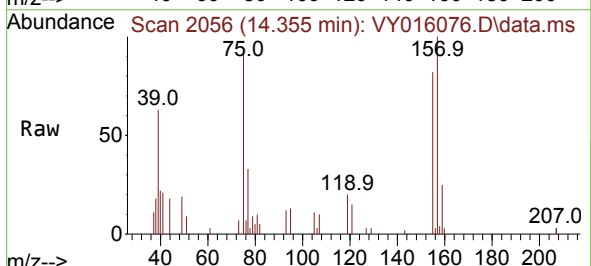
Tgt Ion: 75 Resp: 3322

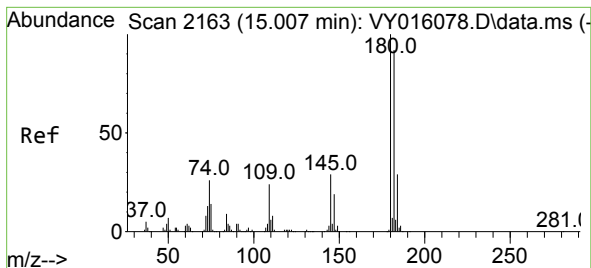
Ion Ratio Lower Upper

75 100

155 82.9 41.5 124.6

157 114.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 9.952 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

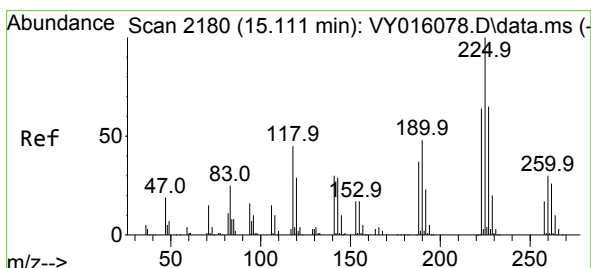
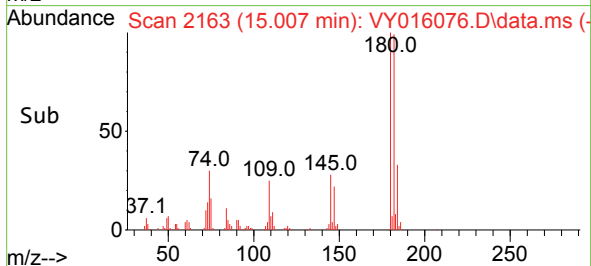
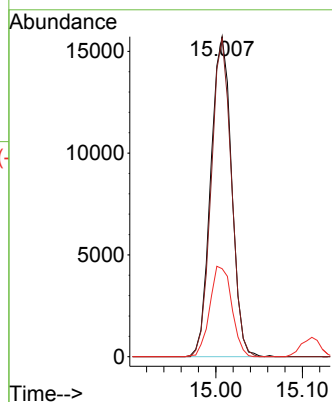
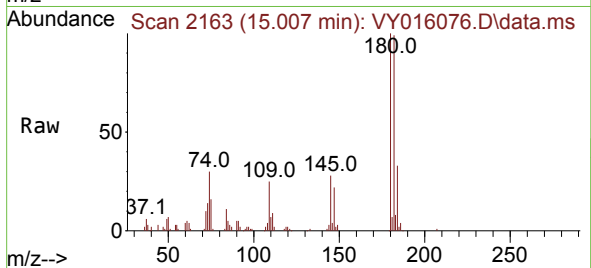
Tgt Ion:180 Resp: 26210

Ion Ratio Lower Upper

180 100

182 96.2 47.0 141.2

145 29.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 10.249 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

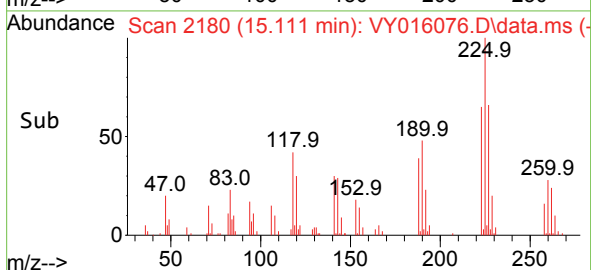
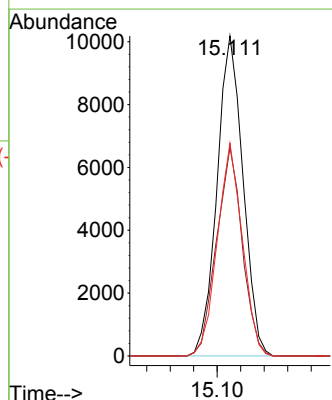
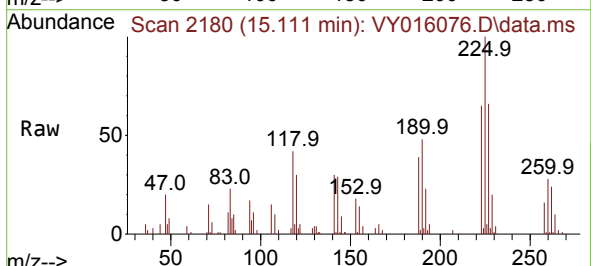
Tgt Ion:225 Resp: 15666

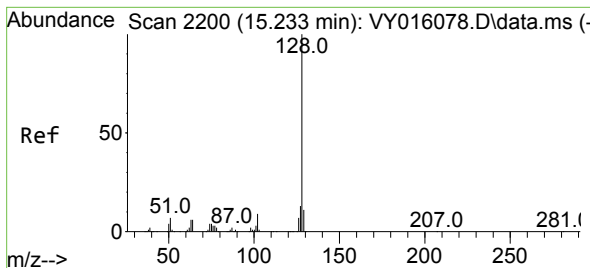
Ion Ratio Lower Upper

225 100

223 64.3 31.9 95.9

227 63.9 33.0 98.9





#95

Naphthalene

Concen: 9.477 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

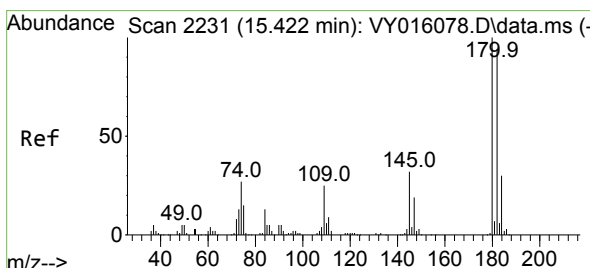
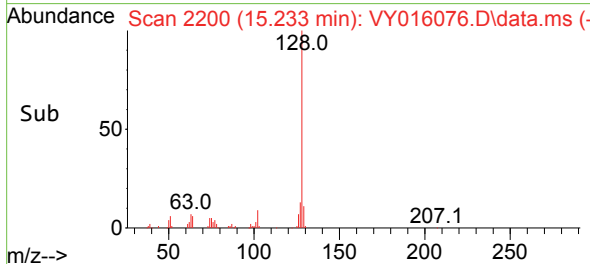
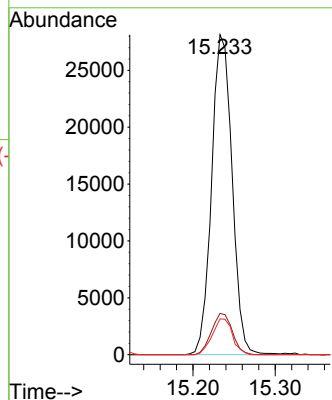
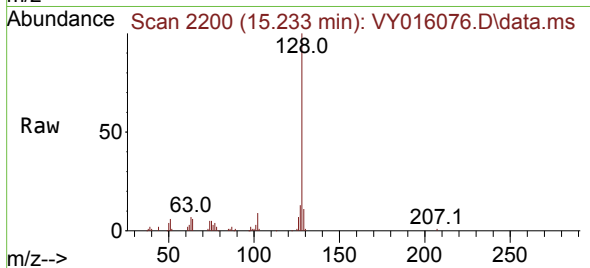
Tgt Ion:128 Resp: 48678

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 10.001 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY016076.D

Acq: 26 Oct 2023 11:59

Tgt Ion:180 Resp: 22713

Ion Ratio Lower Upper

180 100

182 98.1 47.3 141.8

145 32.1 15.4 46.2

