

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016023.D
 Acq On : 18 Oct 2023 16:26
 Operator : SY/MD
 Sample : VY1018SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 03:24:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	219995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	353012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	320071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165458	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	116525	46.603	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.200%
35) Dibromofluoromethane	7.716	113	104637	45.033	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.060%
50) Toluene-d8	10.179	98	379777	45.003	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.000%
62) 4-Bromofluorobenzene	12.483	95	136136	45.211	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	32137	17.675	ug/l	99
3) Chloromethane	2.113	50	42863	18.670	ug/l	98
4) Vinyl Chloride	2.247	62	48111	18.672	ug/l	98
5) Bromomethane	2.650	94	31407	16.710	ug/l	100
6) Chloroethane	2.790	64	26239	15.837	ug/l	97
7) Trichlorofluoromethane	3.119	101	85786	21.877	ug/l	98
8) Diethyl Ether	3.527	74	27516	19.862	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	42702	18.932	ug/l	96
10) Methyl Iodide	4.082	142	52858	17.946	ug/l	98
11) Tert butyl alcohol	4.923	59	2966	7.684	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	40008	18.957	ug/l	94
13) Acrolein	3.735	56	40387	146.722	ug/l	99
14) Allyl chloride	4.478	41	64081	19.418	ug/l	95
15) Acrylonitrile	5.167	53	95983	116.136	ug/l	99
16) Acetone	3.972	43	111673	120.485	ug/l	94
17) Carbon Disulfide	4.186	76	115137	18.622	ug/l	98
18) Methyl Acetate	4.485	43	76497	23.979	ug/l	92
19) Methyl tert-butyl Ether	5.228	73	137191	20.150	ug/l	97
20) Methylene Chloride	4.710	84	73833	26.814	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	46333	18.852	ug/l	92
22) Diisopropyl ether	6.125	45	137103	19.079	ug/l	94
23) Vinyl Acetate	6.064	43	457426	102.619	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	80763	18.945	ug/l	97
25) 2-Butanone	6.996	43	152764	120.329	ug/l	96
26) 2,2-Dichloropropane	6.978	77	70340	18.339	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	53355	18.850	ug/l	93
28) Bromochloromethane	7.332	49	38826	21.295	ug/l	91
29) Tetrahydrofuran	7.356	42	95034	123.668	ug/l	89
30) Chloroform	7.502	83	86156	18.849	ug/l	97
31) Cyclohexane	7.783	56	72360	18.489	ug/l #	84
32) 1,1,1-Trichloroethane	7.697	97	77234	18.885	ug/l	97
36) 1,1-Dichloropropene	7.917	75	66397	18.993	ug/l	99
37) Ethyl Acetate	7.082	43	66726	26.480	ug/l	97
38) Carbon Tetrachloride	7.899	117	70487	18.971	ug/l	98
39) Methylcyclohexane	9.179	83	82989	18.996	ug/l	94
40) Benzene	8.161	78	187028	18.983	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	27425	20.980	ug/l	94
42) 1,2-Dichloroethane	8.234	62	63359	19.964	ug/l	95
43) Isopropyl Acetate	8.277	43	98235	22.298	ug/l	95
44) Trichloroethene	8.941	130	54097	19.582	ug/l	94
45) 1,2-Dichloropropane	9.215	63	47298	19.182	ug/l	96
46) Dibromomethane	9.307	93	32943	20.124	ug/l	97
47) Bromodichloromethane	9.496	83	68792	19.174	ug/l	98
48) Methyl methacrylate	9.295	41	44211	22.046	ug/l	89
49) 1,4-Dioxane	9.331	88	15762	604.698	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	307792	121.490	ug/l	92
52) Toluene	10.246	92	121434	19.002	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	75588	19.448	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	81688	19.281	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	46349	20.610	ug/l	97
56) Ethyl methacrylate	10.508	69	69571	21.168	ug/l #	87
57) 1,3-Dichloropropane	10.788	76	77754	20.380	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	180290	114.205	ug/l	93
59) 2-Hexanone	10.831	43	245283	127.252	ug/l	90
60) Dibromochloromethane	10.983	129	53661	19.730	ug/l	100
61) 1,2-Dibromoethane	11.087	107	47224	20.633	ug/l	100
64) Tetrachloroethene	10.721	164	49992	20.143	ug/l	95
65) Chlorobenzene	11.514	112	133975	19.328	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	50282	19.245	ug/l	98
67) Ethyl Benzene	11.593	91	231303	18.857	ug/l	98
68) m/p-Xylenes	11.703	106	183111	38.283	ug/l	94
69) o-Xylene	12.032	106	86365	18.980	ug/l	97
70) Styrene	12.044	104	148964	19.208	ug/l	96
71) Bromoform	12.209	173	38444	20.911	ug/l #	99
73) Isopropylbenzene	12.331	105	230336	18.610	ug/l	100
74) N-amyl acetate	12.142	43	83964	21.478	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	65040	20.981	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	84722	36.164	ug/l #	100
77) Bromobenzene	12.611	156	57503	19.141	ug/l	97
78) n-propylbenzene	12.672	91	281071	18.854	ug/l	99
79) 2-Chlorotoluene	12.757	91	155255	18.554	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	191901	18.719	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	21835	20.345	ug/l	98
82) 4-Chlorotoluene	12.855	91	165232	18.920	ug/l	99
83) tert-Butylbenzene	13.074	119	168517	18.746	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	193840	19.041	ug/l	98
85) sec-Butylbenzene	13.251	105	254548	18.960	ug/l	99
86) p-Isopropyltoluene	13.367	119	213441	19.024	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	112659	19.274	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	113496	19.286	ug/l	98
89) n-Butylbenzene	13.696	91	198779	19.031	ug/l	96
90) Hexachloroethane	13.958	117	40308	18.846	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	104296	19.435	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13984	23.698	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	68515	20.041	ug/l	99
94) Hexachlorobutadiene	15.111	225	37050	19.953	ug/l	98
95) Naphthalene	15.239	128	187585	22.355	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	63440	20.316	ug/l	98

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Instrument :
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Quant Title : SW846 8260
QLast Update : Thu Oct 19 03:15:44 2023
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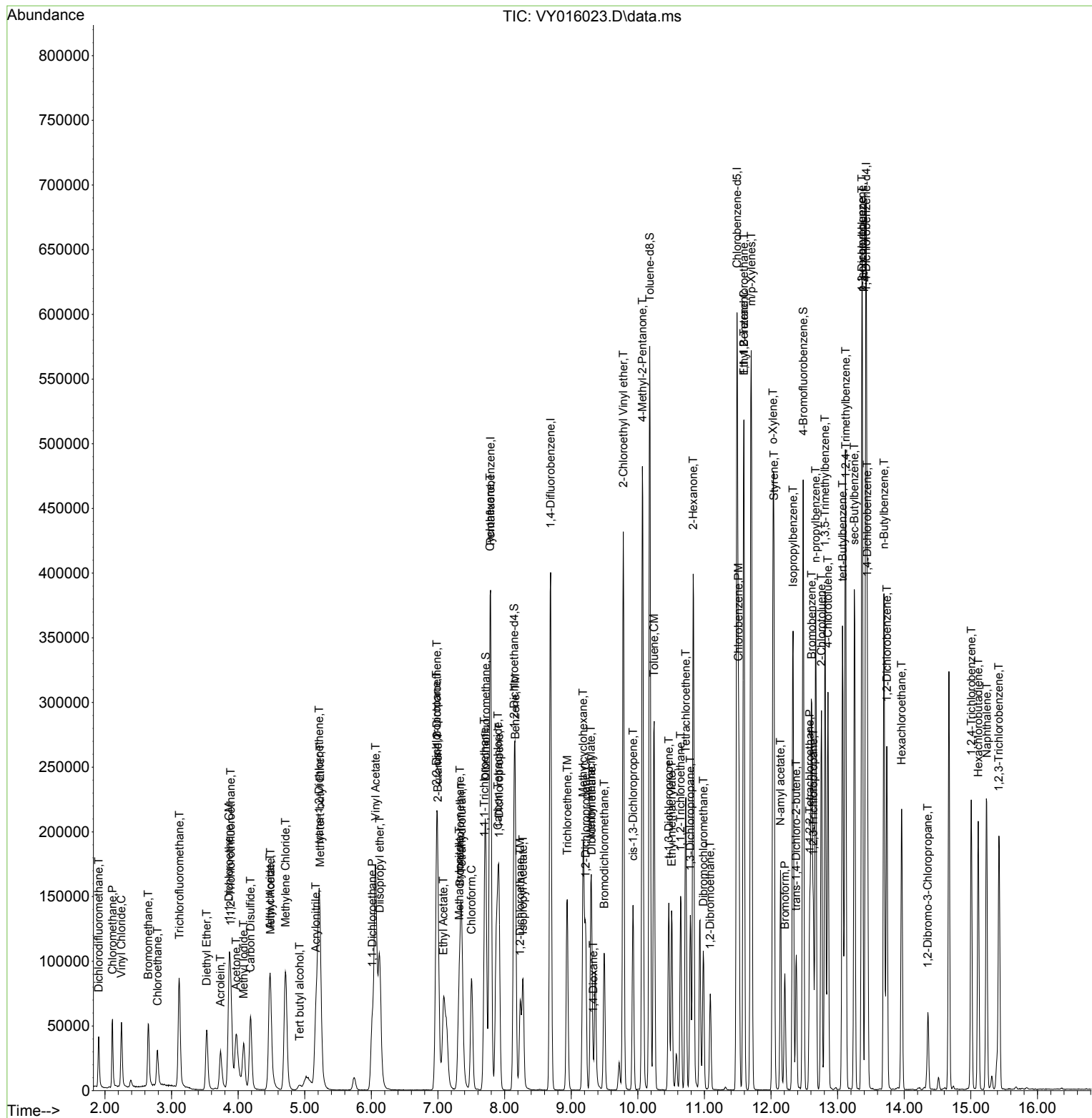
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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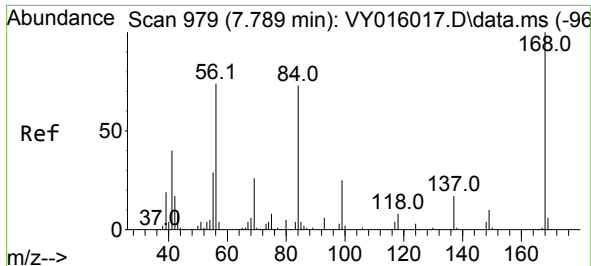
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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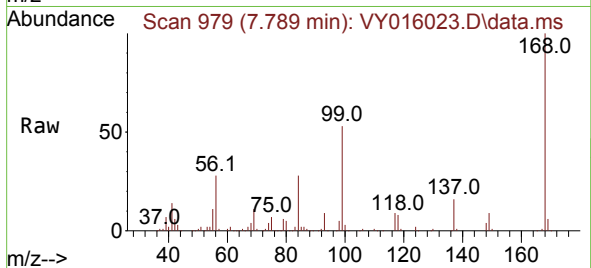
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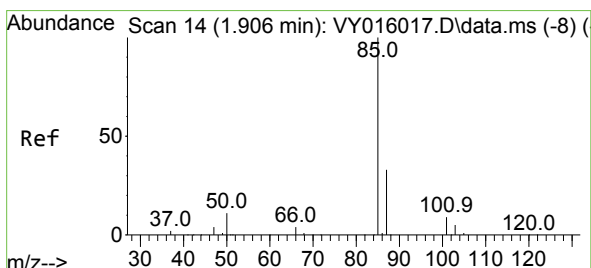
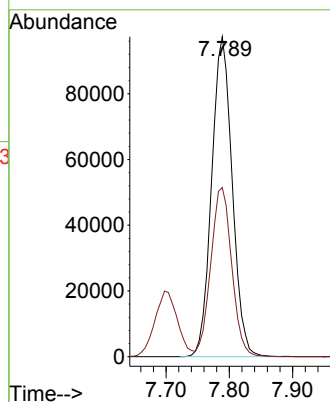
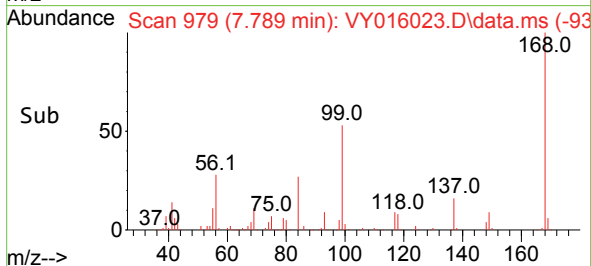


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016023.D
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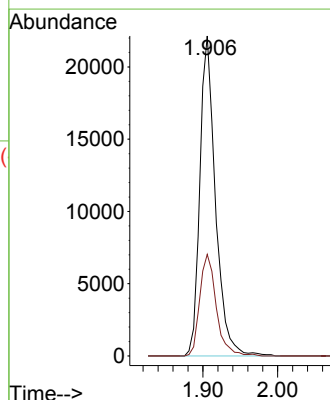
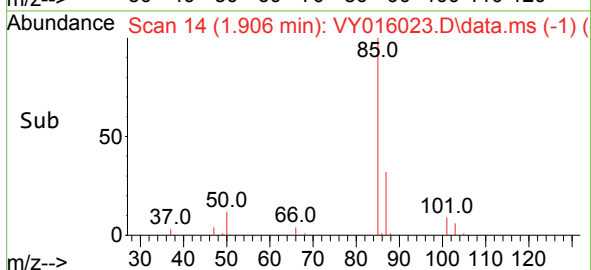
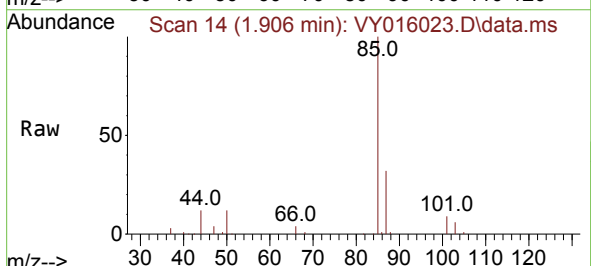


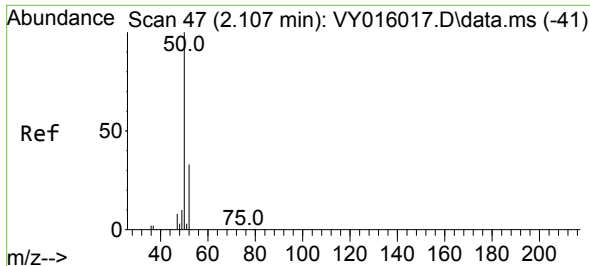
Tgt Ion:168 Resp: 219995
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 17.675 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Tgt Ion: 85 Resp: 32137
Ion Ratio Lower Upper
85 100
87 31.8 15.6 46.8

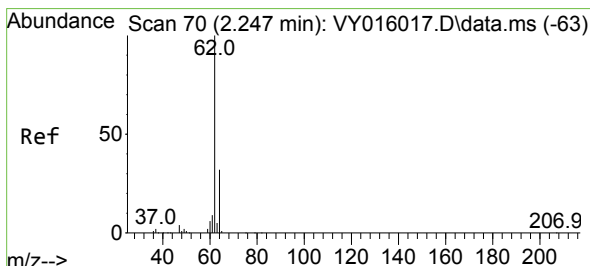
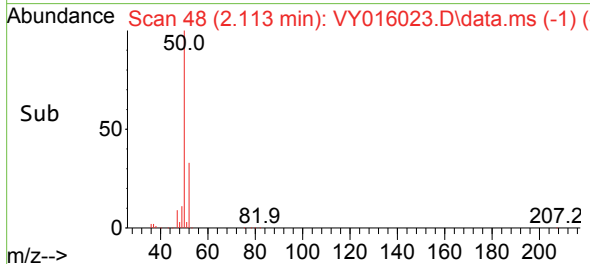
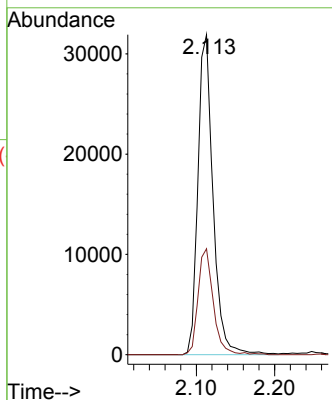
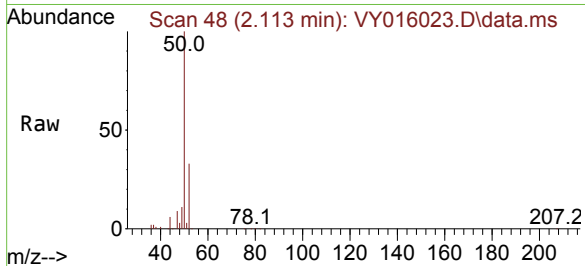




#3
Chloromethane
Concen: 18.670 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

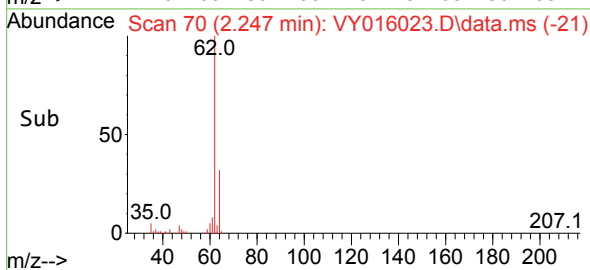
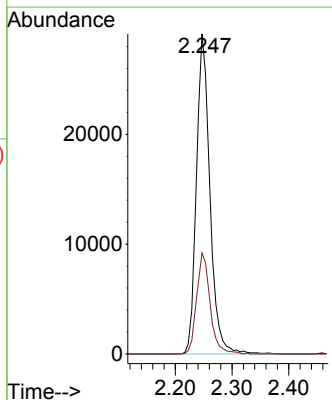
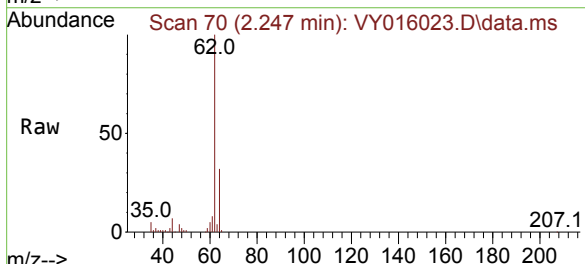
Instrument :
MSVOA_Y
ClientSampleId :

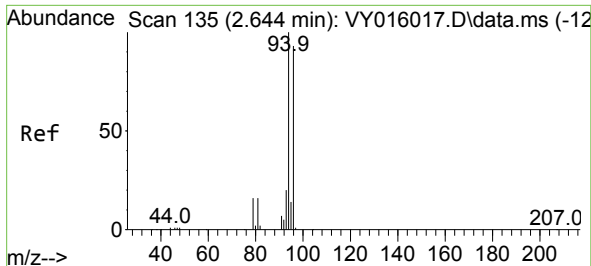
Tgt Ion: 50 Resp: 42863
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2



#4
Vinyl Chloride
Concen: 18.672 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Tgt Ion: 62 Resp: 48111
Ion Ratio Lower Upper
62 100
64 31.6 24.3 36.5





#5

Bromomethane

Concen: 16.710 ug/l

RT: 2.650 min Scan# 11

Delta R.T. 0.006 min

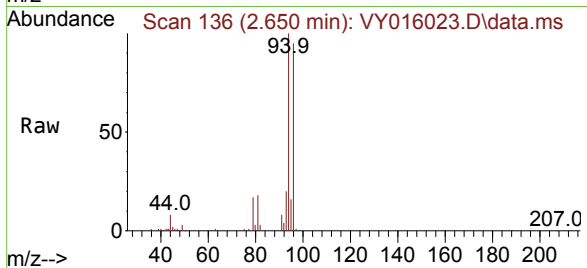
Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

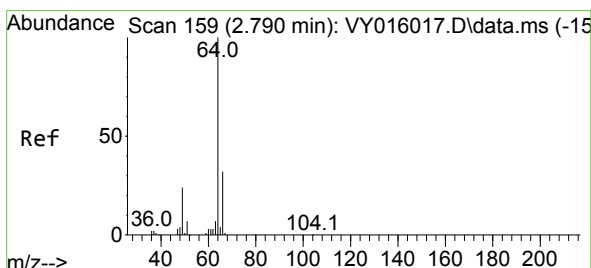
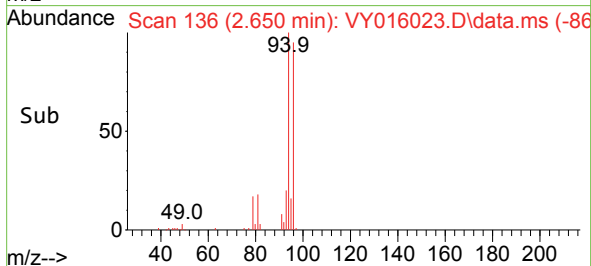
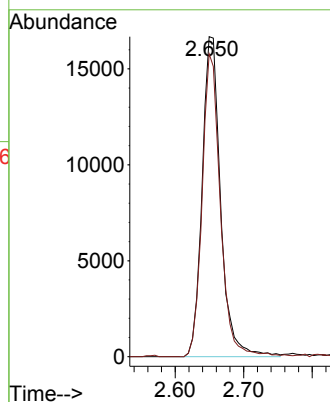


Tgt Ion: 94 Resp: 31407

Ion Ratio Lower Upper

94 100

96 94.6 75.8 113.6



#6

Chloroethane

Concen: 15.837 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.000 min

Lab File: VY016023.D

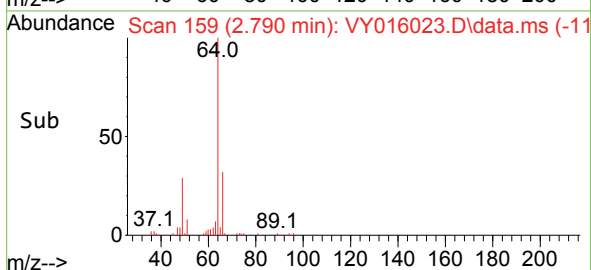
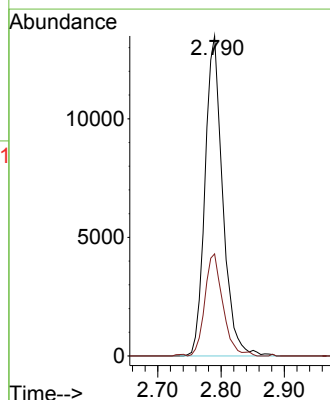
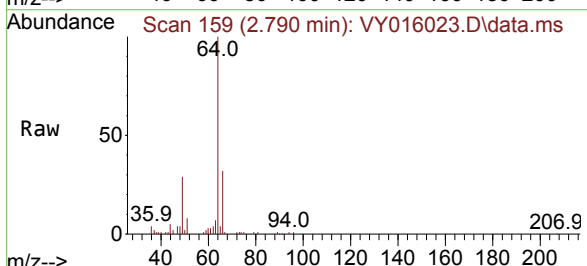
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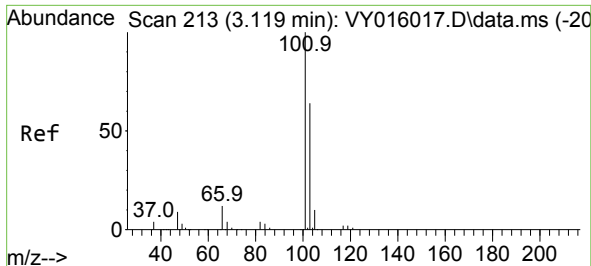
Tgt Ion: 64 Resp: 26239

Ion Ratio Lower Upper

64 100

66 31.9 24.4 36.6

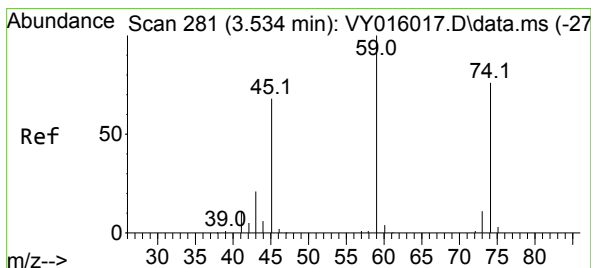
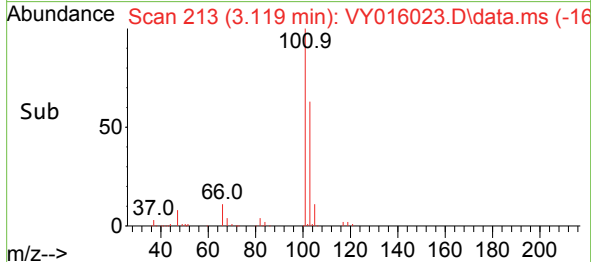
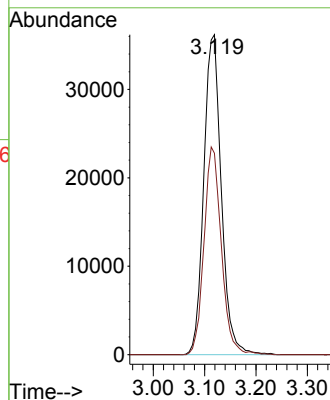
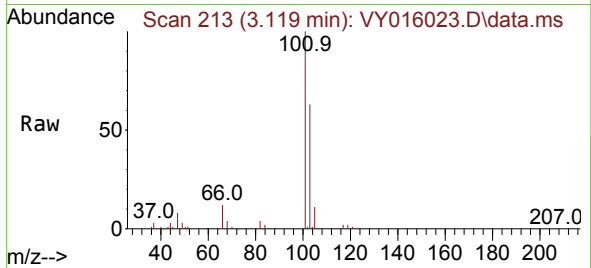




#7
 Trichlorofluoromethane
 Concen: 21.877 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VY016023.D
 Acq: 18 Oct 2023 16:26

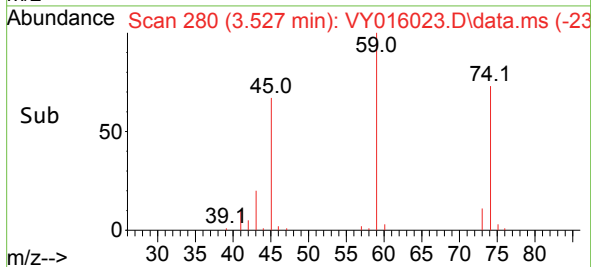
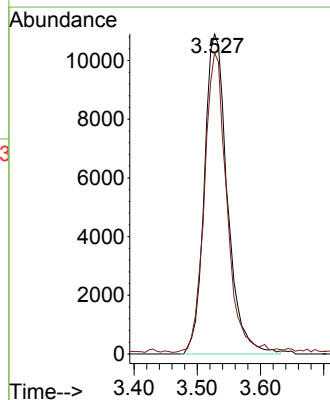
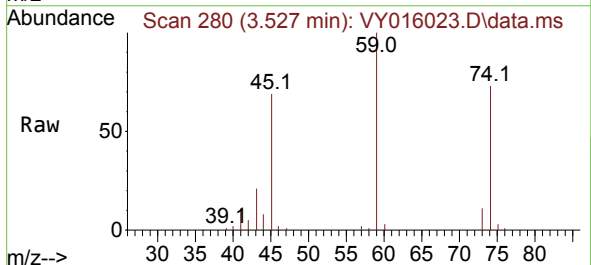
Instrument :
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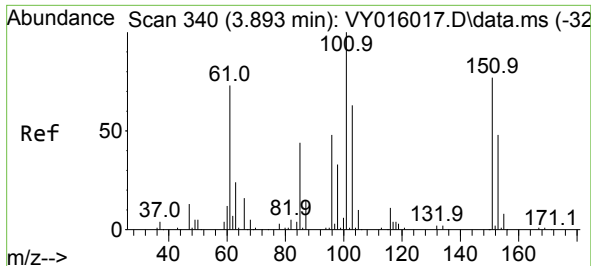
Tgt Ion:101 Resp: 85786
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.862 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.006 min
 Lab File: VY016023.D
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Tgt Ion: 74 Resp: 27516
 Ion Ratio Lower Upper
 74 100
 45 91.2 51.5 154.5

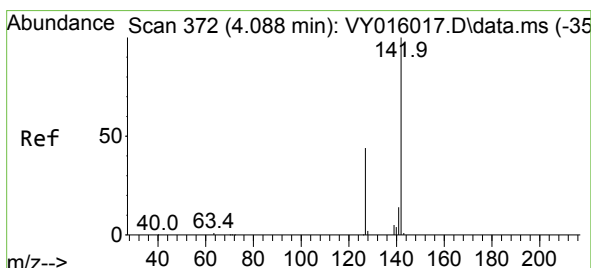
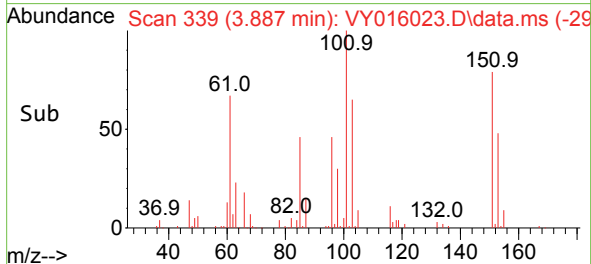
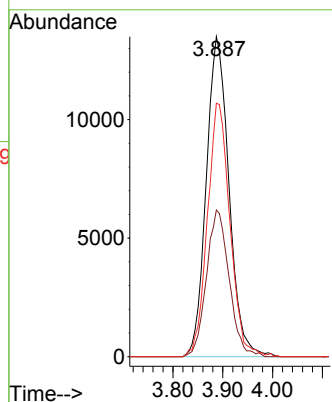
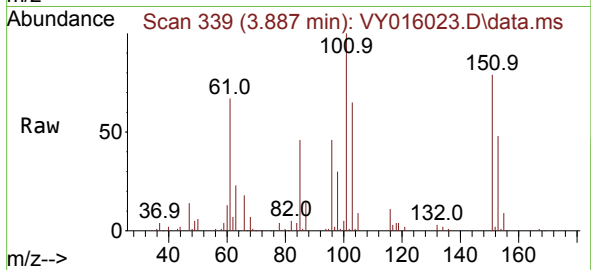




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.932 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

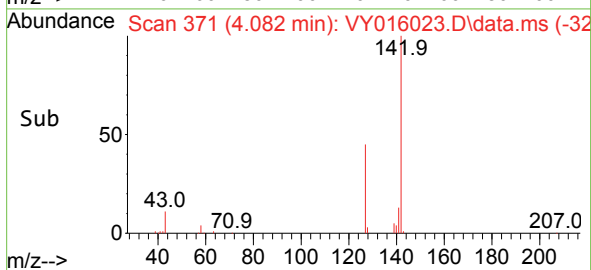
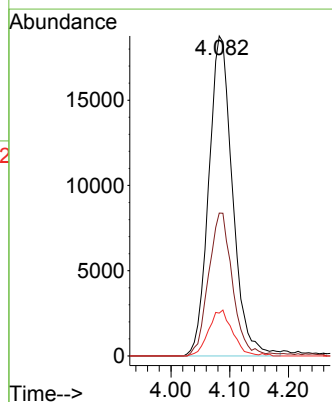
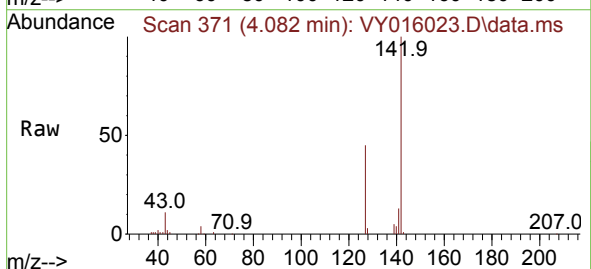
Instrument :
MSVOA_Y
ClientSampleId :

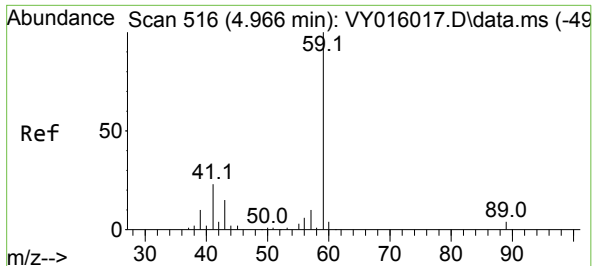
Tgt Ion:101 Resp: 42702
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 78.9 67.0 100.6



#10
Methyl Iodide
Concen: 17.946 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Tgt Ion:142 Resp: 52858
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.4 11.8 17.8





#11

Tert butyl alcohol

Concen: 7.684 ug/l

RT: 4.923 min Scan# 509

Delta R.T. -0.043 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Instrument :

MSVOA_Y

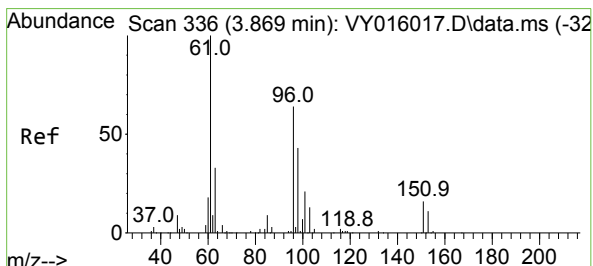
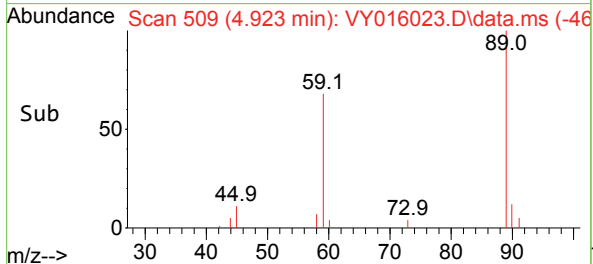
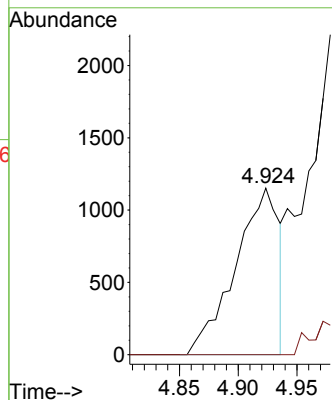
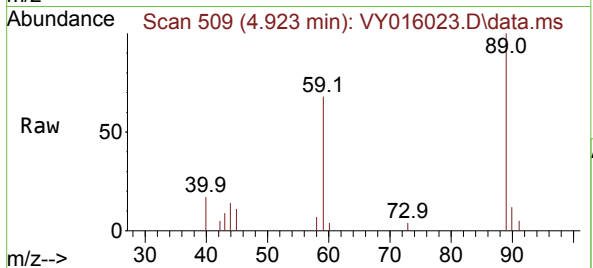
ClientSampleId :

Tgt Ion: 59 Resp: 2966

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 18.957 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.006 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

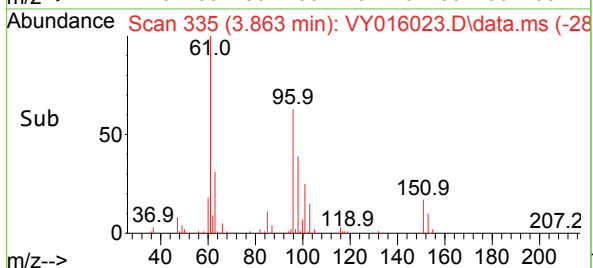
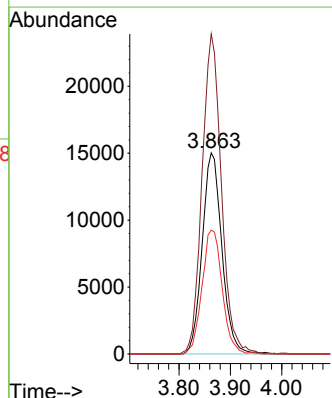
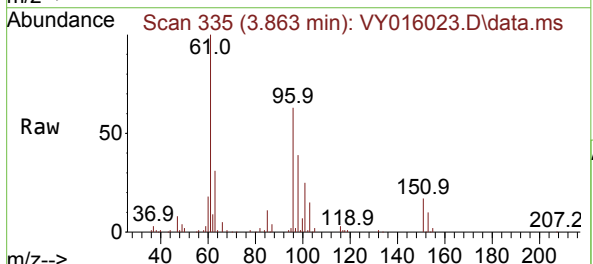
Tgt Ion: 96 Resp: 40008

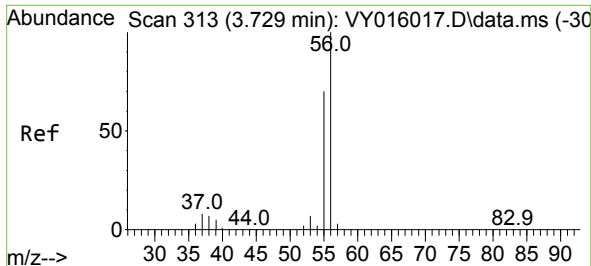
Ion Ratio Lower Upper

96 100

61 159.1 136.4 204.6

98 61.5 49.4 74.2

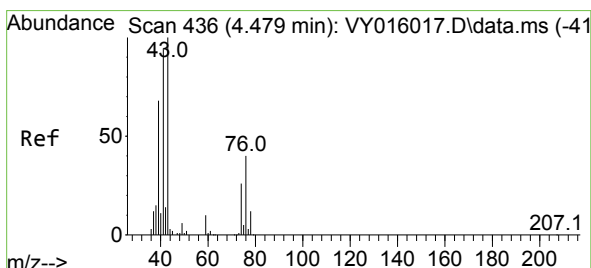
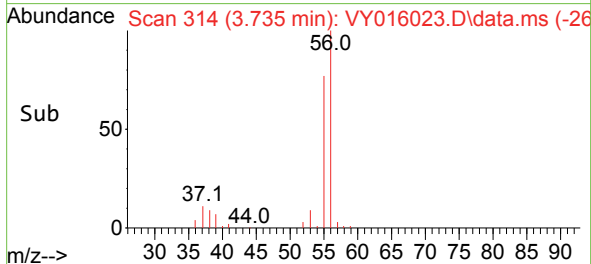
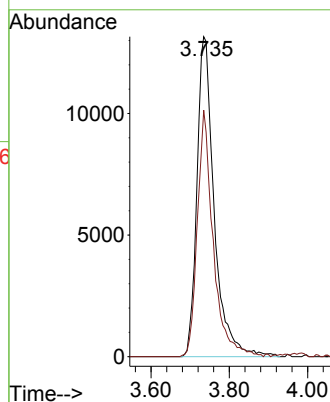
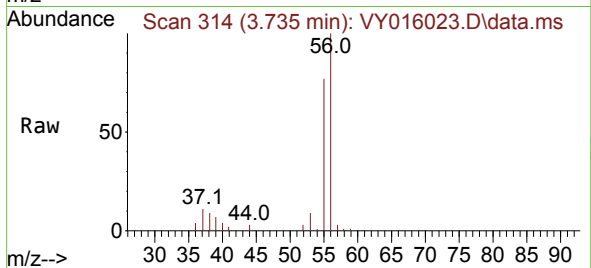




#13
Acrolein
Concen: 146.722 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

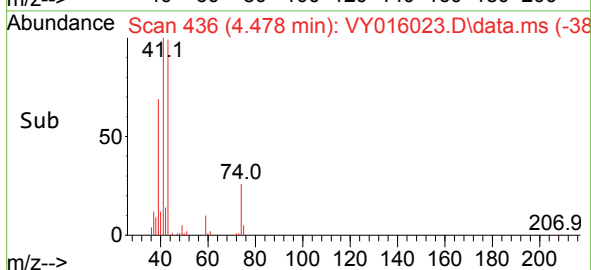
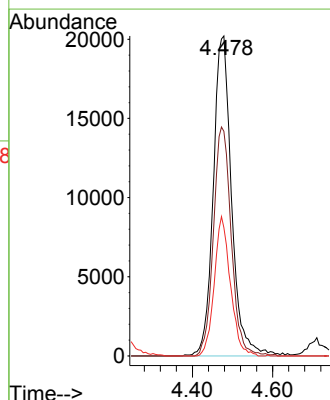
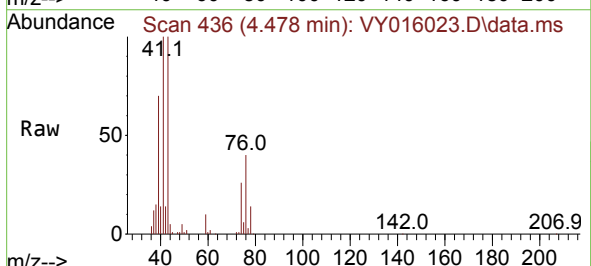
Instrument :
MSVOA_Y
ClientSampleId :

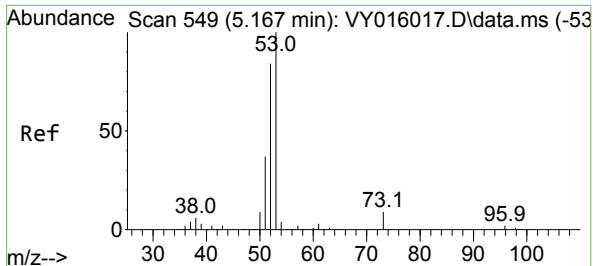
Tgt Ion: 56 Resp: 40387
Ion Ratio Lower Upper
56 100
55 70.7 57.0 85.4



#14
Allyl chloride
Concen: 19.418 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

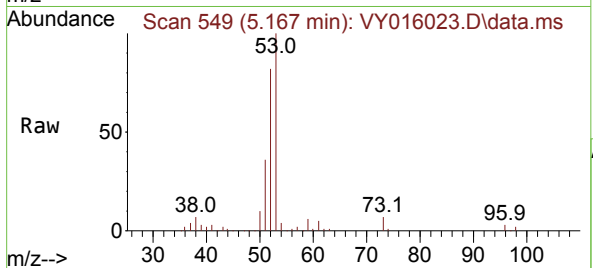
Tgt Ion: 41 Resp: 64081
Ion Ratio Lower Upper
41 100
39 69.6 58.0 87.0
76 38.4 27.4 41.2



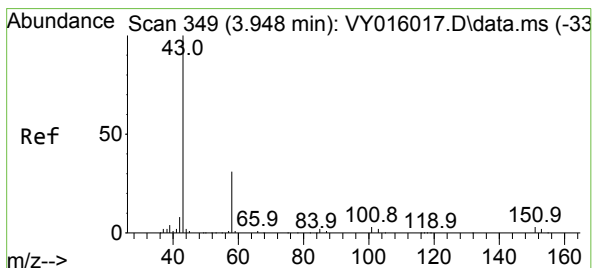
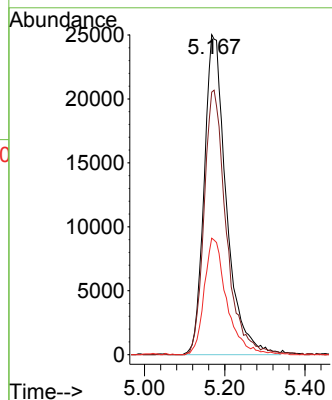
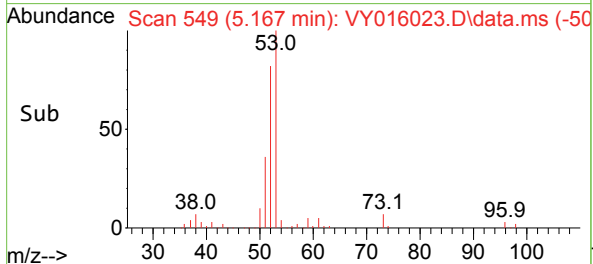


#15
Acrylonitrile
Concen: 116.136 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Instrument :
MSVOA_Y
ClientSampleId :

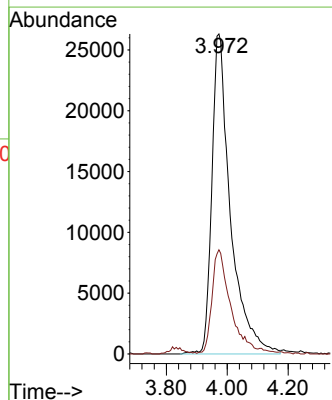
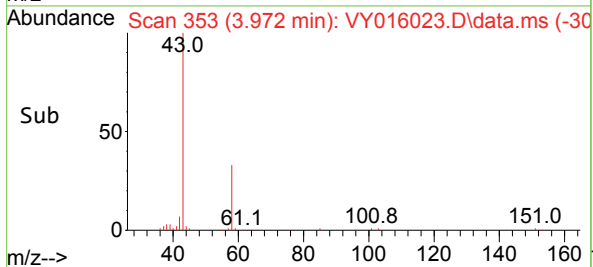
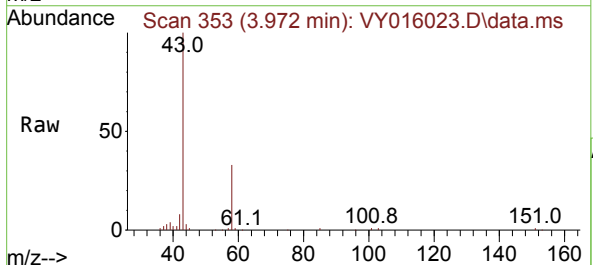


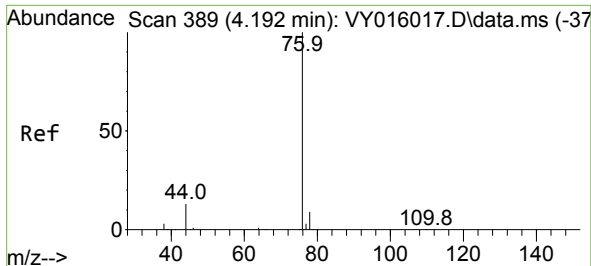
Tgt Ion: 53	Resp: 95983
Ion Ratio	Lower Upper
53 100	
52 83.0	66.9 100.3
51 37.1	29.8 44.6



#16
Acetone
Concen: 120.485 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.024 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Tgt Ion: 43	Resp: 111673
Ion Ratio	Lower Upper
43 100	
58 31.8	22.7 34.1

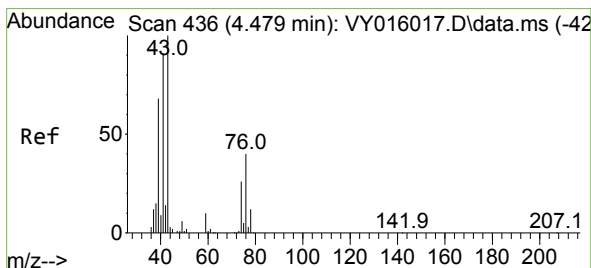
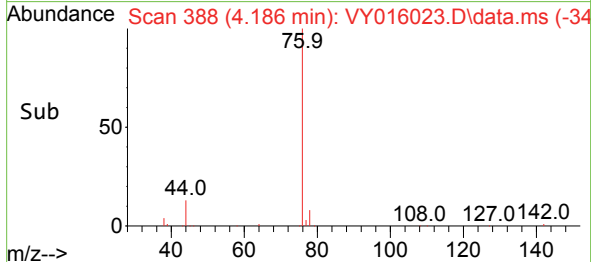
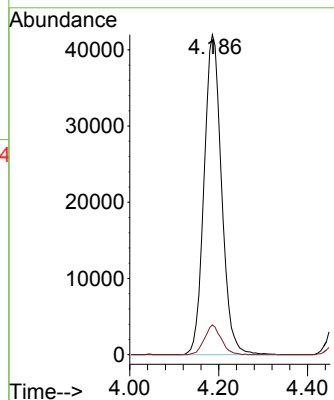
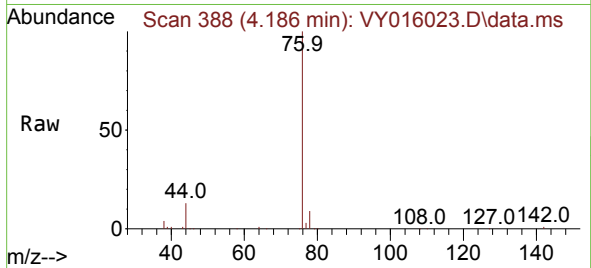




#17
Carbon Disulfide
Concen: 18.622 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

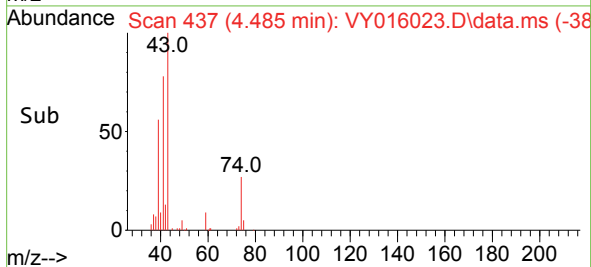
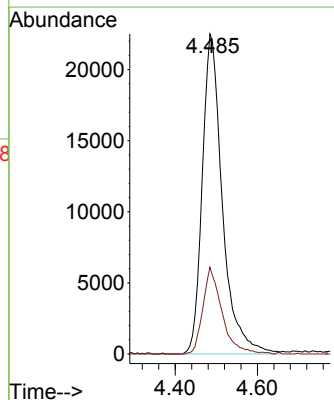
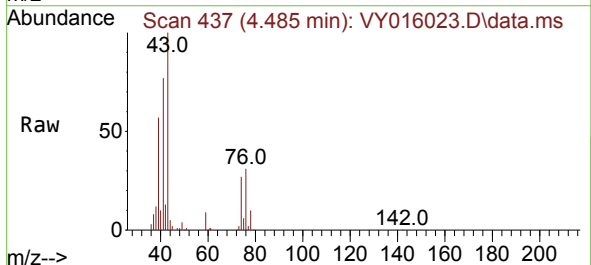
Instrument :
MSVOA_Y
ClientSampleId :

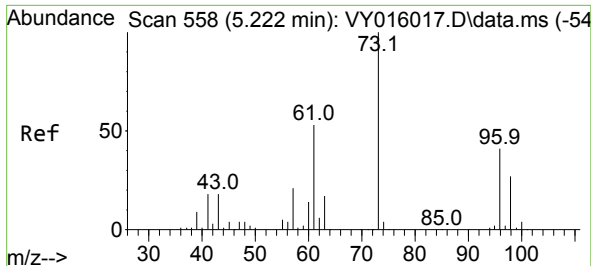
Tgt Ion: 76 Resp: 115137
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 23.979 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Tgt Ion: 43 Resp: 76497
Ion Ratio Lower Upper
43 100
74 25.7 17.4 26.0

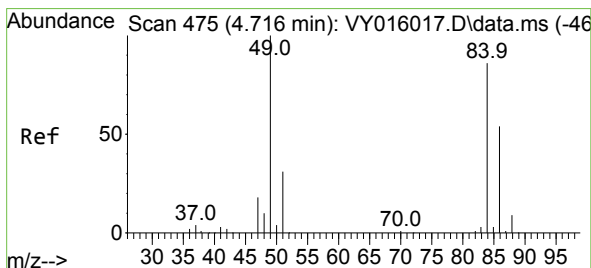
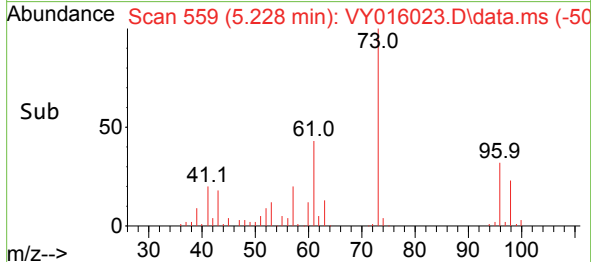
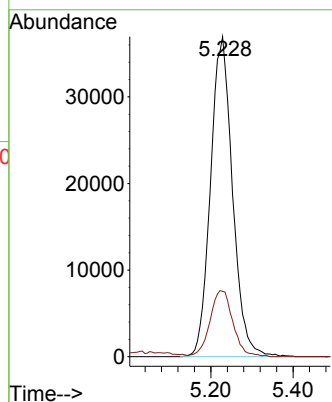
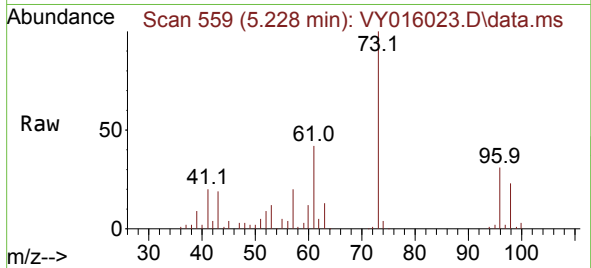




#19
Methyl tert-butyl Ether
Concen: 20.150 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

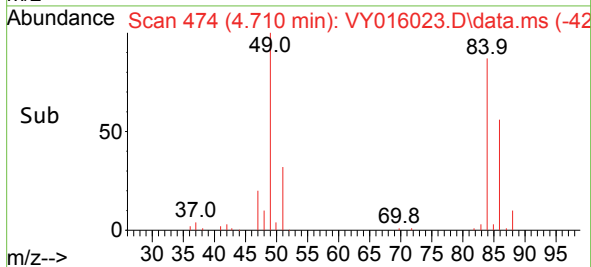
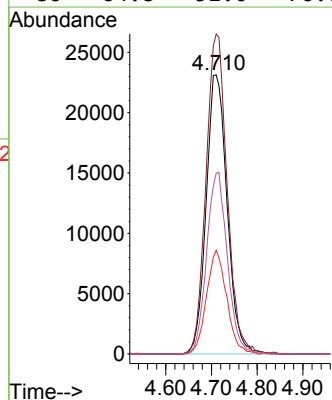
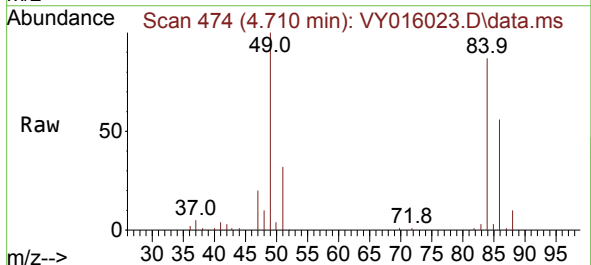
Instrument :
MSVOA_Y
ClientSampleId :

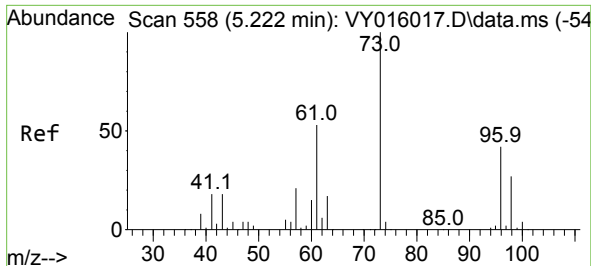
Tgt Ion: 73 Resp: 137191
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9



#20
Methylene Chloride
Concen: 26.814 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Tgt Ion: 84 Resp: 73833
Ion Ratio Lower Upper
84 100
49 114.7 106.9 160.3
51 37.2 33.2 49.8
86 64.8 51.0 76.6

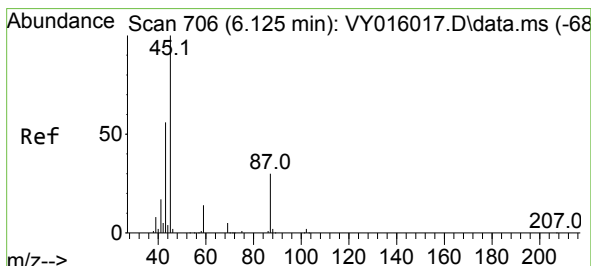
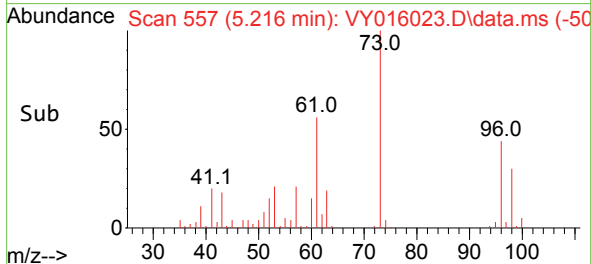
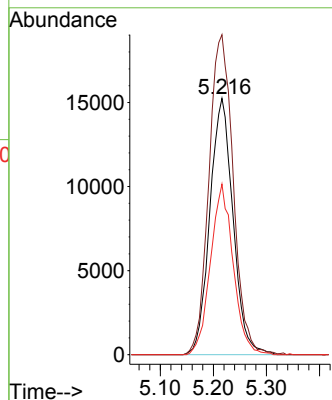
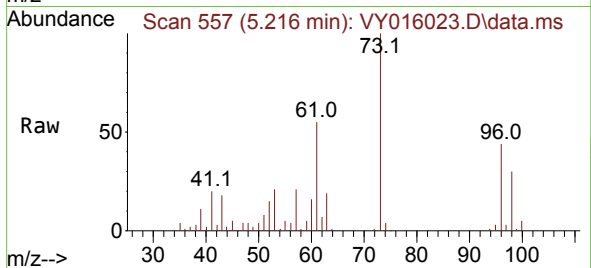




#21
trans-1,2-Dichloroethene
Concen: 18.852 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

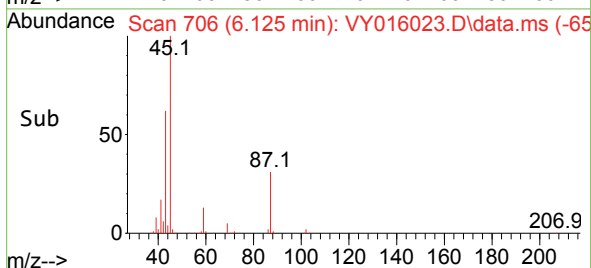
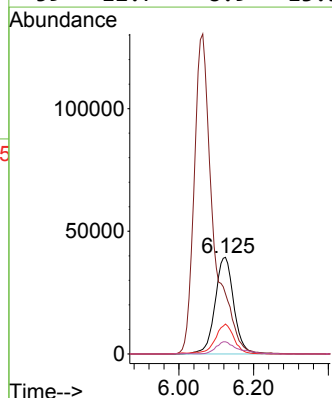
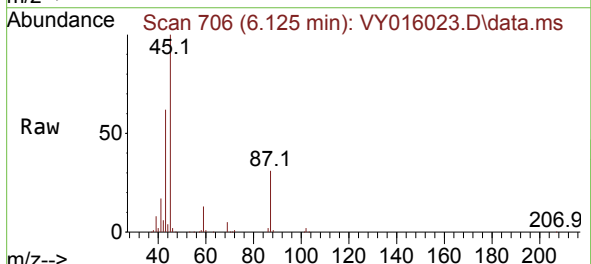
Instrument :
MSVOA_Y
ClientSampleId :

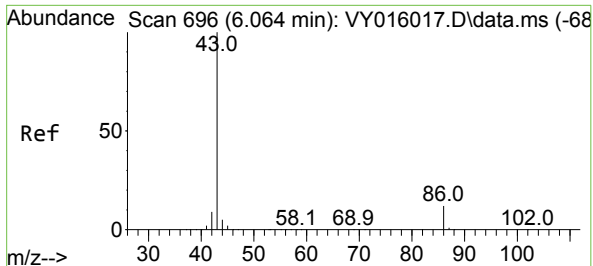
Tgt Ion: 96 Resp: 46333
Ion Ratio Lower Upper
96 100
61 124.9 110.2 165.4
98 66.6 51.8 77.6



#22
Diisopropyl ether
Concen: 19.079 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Tgt Ion: 45 Resp: 137103
Ion Ratio Lower Upper
45 100
43 61.8 52.2 78.4
87 31.0 21.0 31.6
59 12.7 8.9 13.3

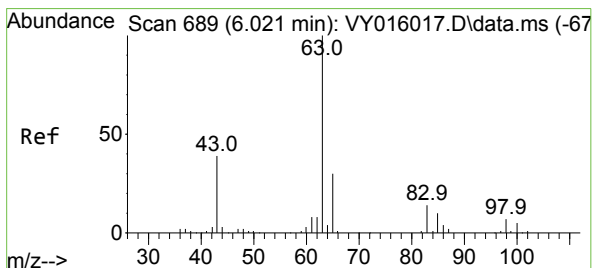
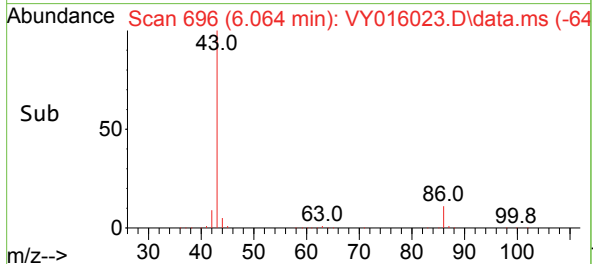
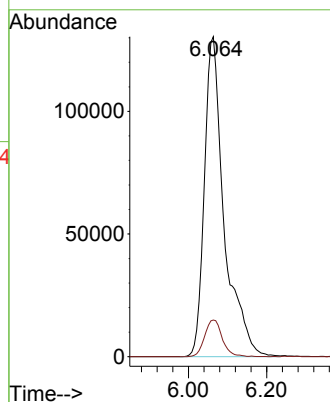
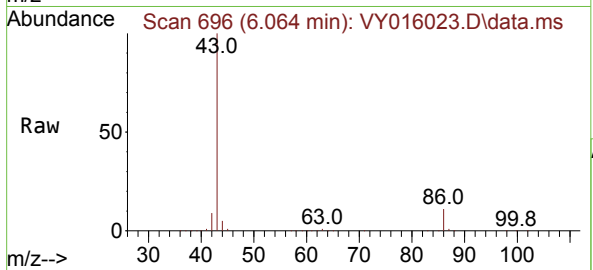




#23
 Vinyl Acetate
 Concen: 102.619 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY016023.D
 Acq: 18 Oct 2023 16:26

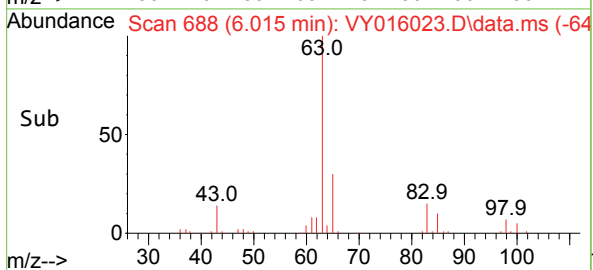
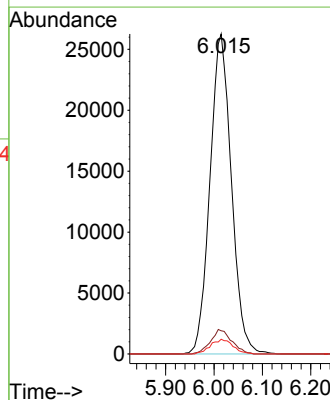
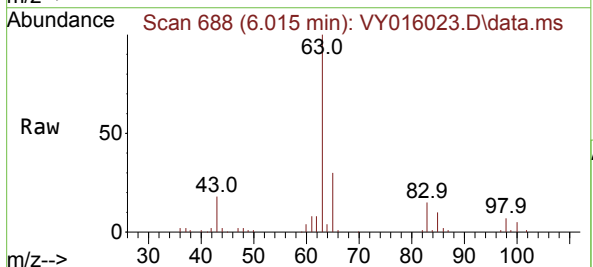
Instrument :
 MSVOA_Y
 ClientSampleId :

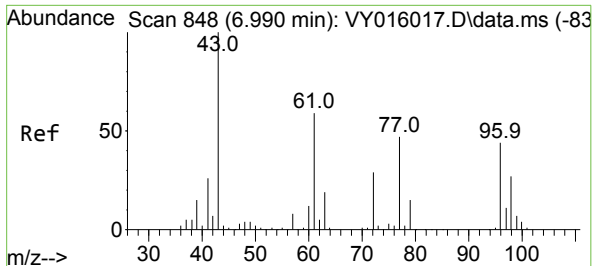
Tgt Ion: 43 Resp: 457426
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 18.945 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016023.D
 Acq: 18 Oct 2023 16:26

Tgt Ion: 63 Resp: 80763
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 120.329 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Instrument :

MSVOA_Y

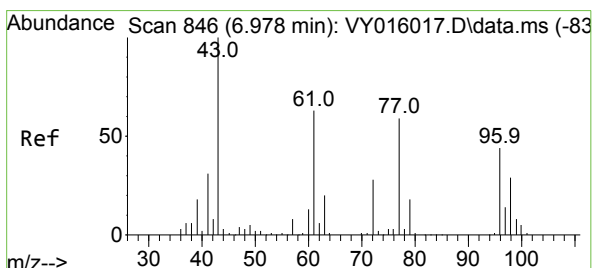
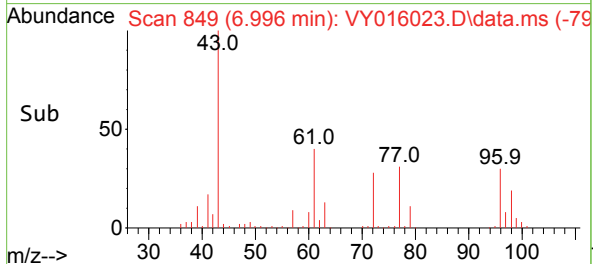
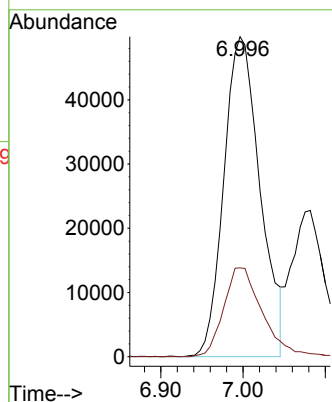
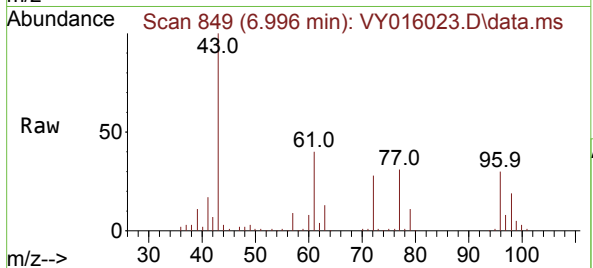
ClientSampleId :

Tgt Ion: 43 Resp: 152764

Ion Ratio Lower Upper

43 100

72 27.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 18.339 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY016023.D

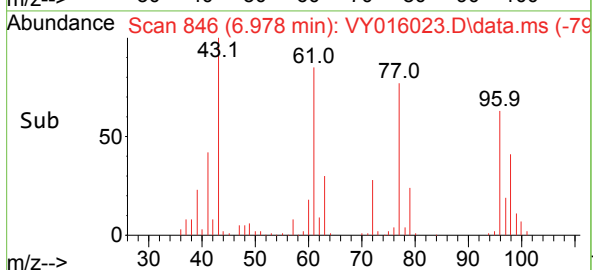
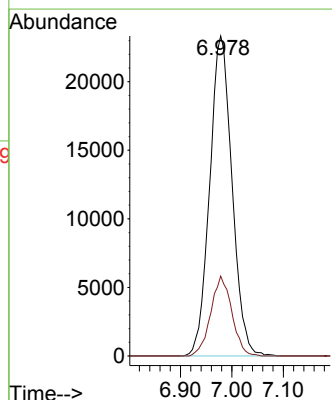
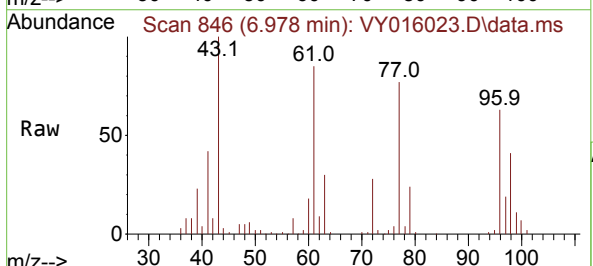
Acq: 18 Oct 2023 16:26

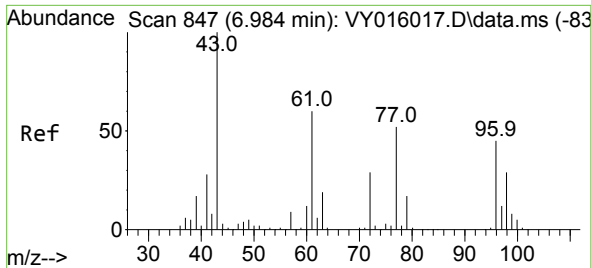
Tgt Ion: 77 Resp: 70340

Ion Ratio Lower Upper

77 100

97 23.6 10.9 32.9

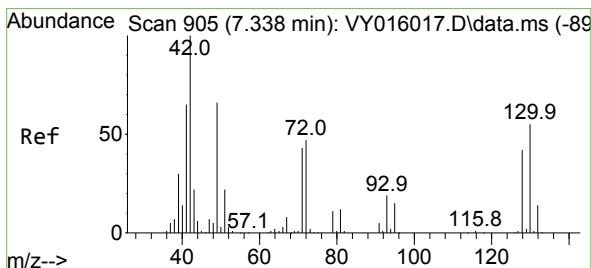
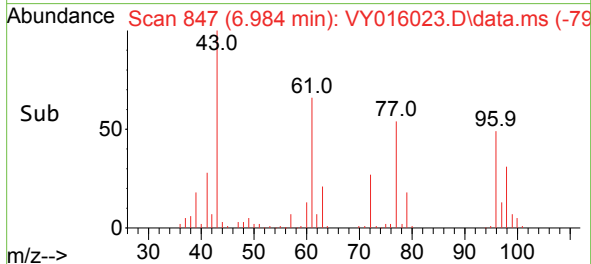
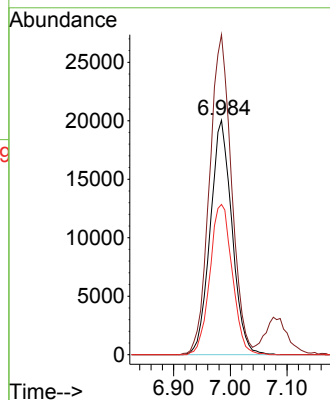
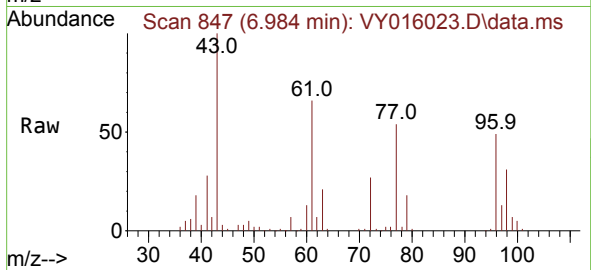




#27
 cis-1,2-Dichloroethene
 Concen: 18.850 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY016023.D
 Acq: 18 Oct 2023 16:26

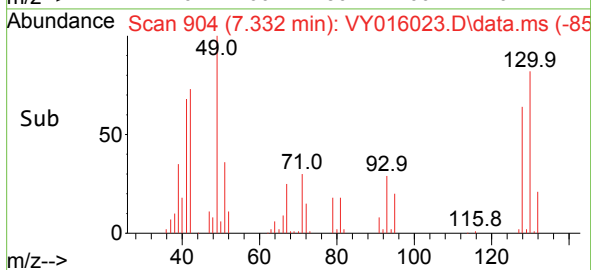
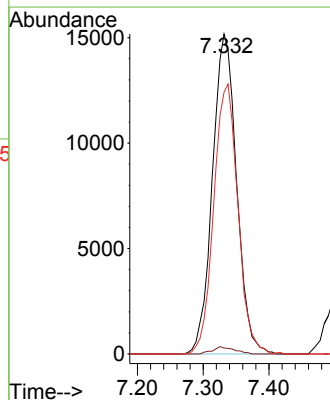
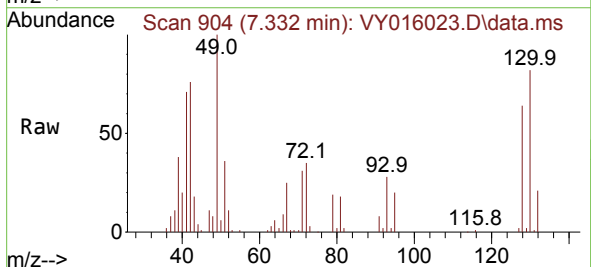
Instrument :
 MSVOA_Y
 ClientSampleId :

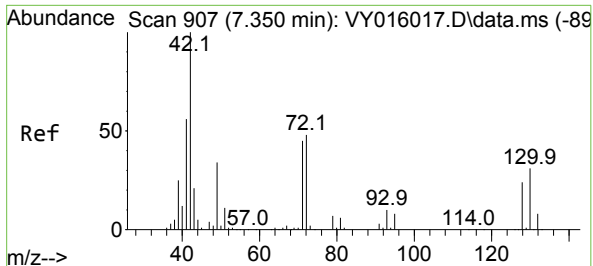
Tgt Ion:	96	Resp:	53355
Ion	Ratio	Lower	Upper
96	100		
61	138.1	0.0	301.4
98	65.9	0.0	130.4



#28
 Bromochloromethane
 Concen: 21.295 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: VY016023.D
 Acq: 18 Oct 2023 16:26

Tgt Ion:	49	Resp:	38826
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	84.2	60.7	91.1





#29

Tetrahydrofuran

Concen: 123.668 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY016023.D

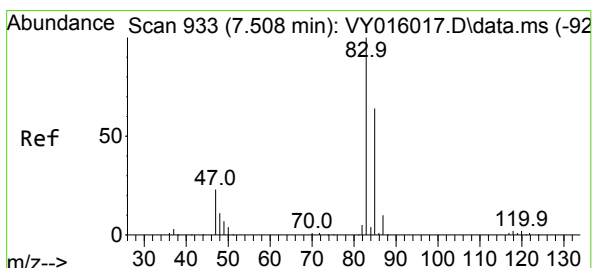
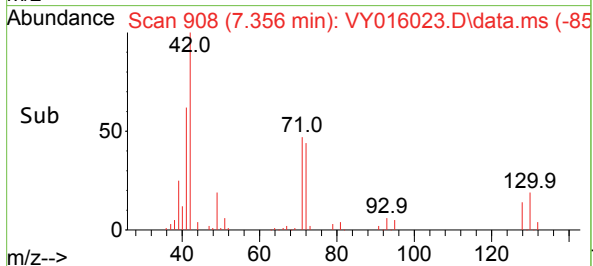
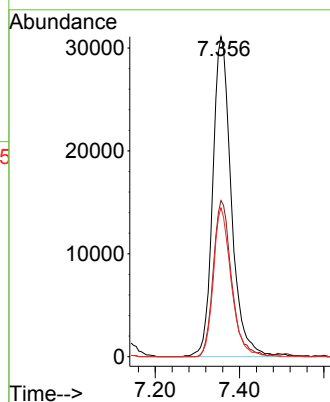
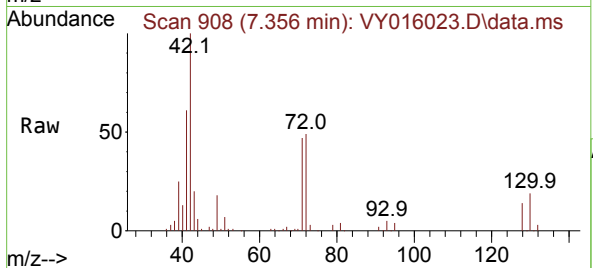
Acq: 18 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	95034
Ion	Ratio	Lower	Upper
42	100		
72	48.1	32.8	49.2
71	44.7	31.0	46.4



#30

Chloroform

Concen: 18.849 ug/l

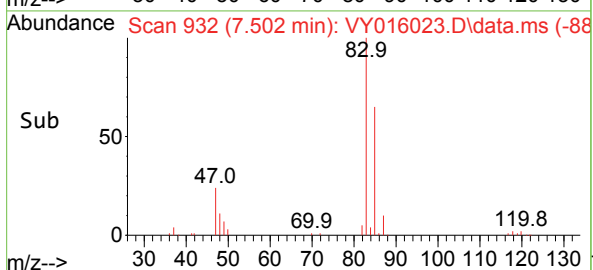
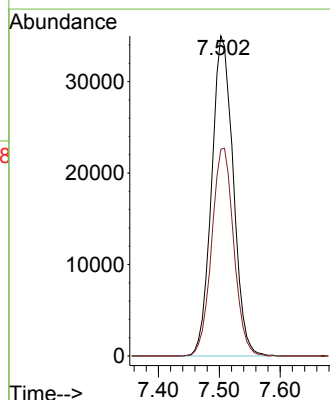
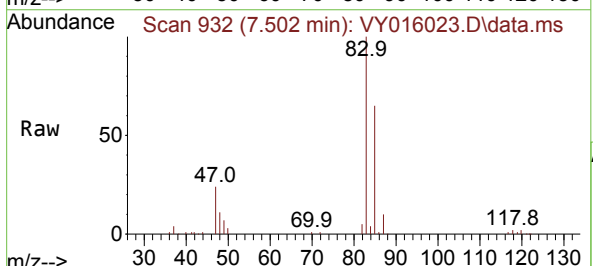
RT: 7.502 min Scan# 932

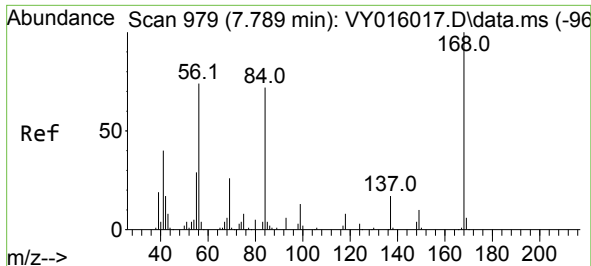
Delta R.T. -0.006 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

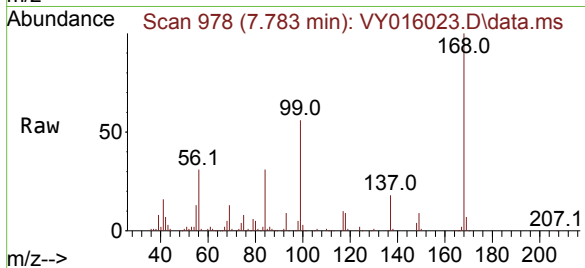
Tgt Ion:	83	Resp:	86156
Ion	Ratio	Lower	Upper
83	100		
85	64.6	49.7	74.5



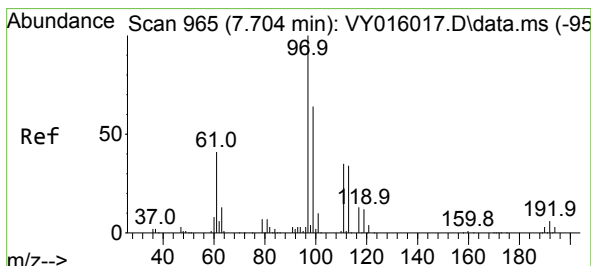
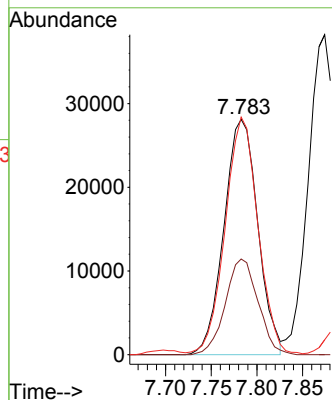
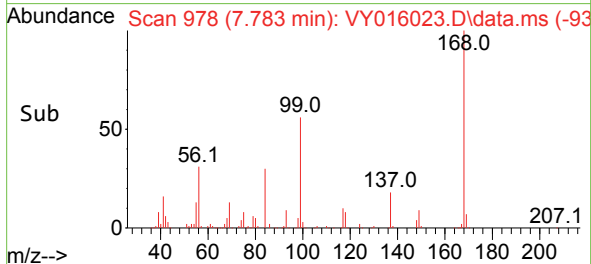


#31
Cyclohexane
Concen: 18.489 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Instrument :
MSVOA_Y
ClientSampleId :

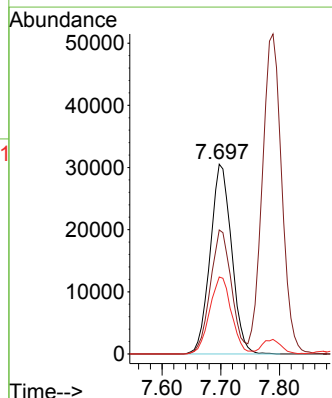
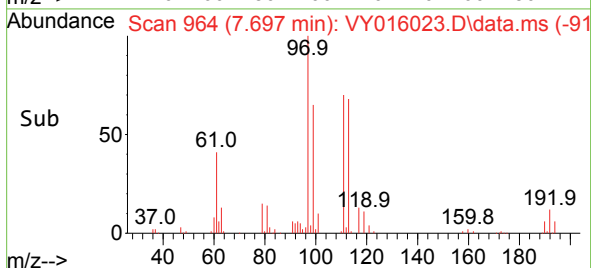
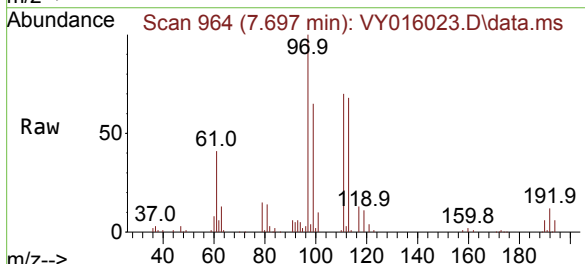


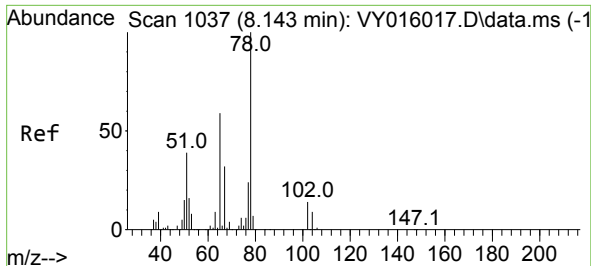
Tgt Ion: 56 Resp: 72360
Ion Ratio Lower Upper
56 100
69 40.6 27.8 41.6
84 99.8 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 18.885 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Tgt Ion: 97 Resp: 77234
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 41.5 35.1 52.7

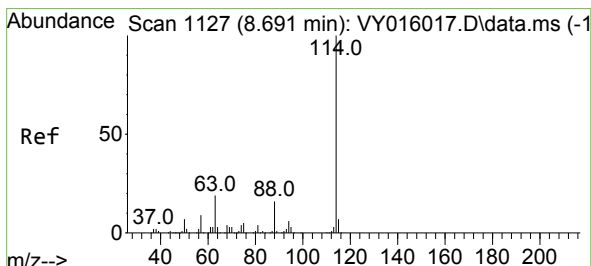
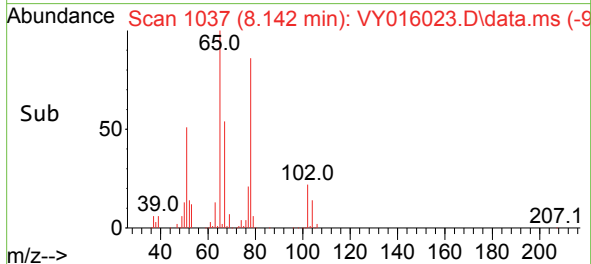
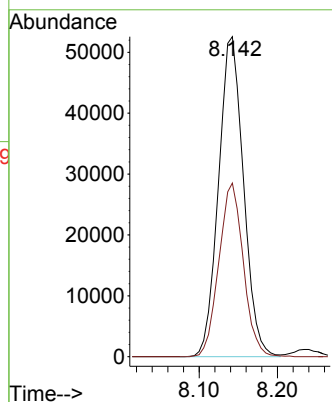
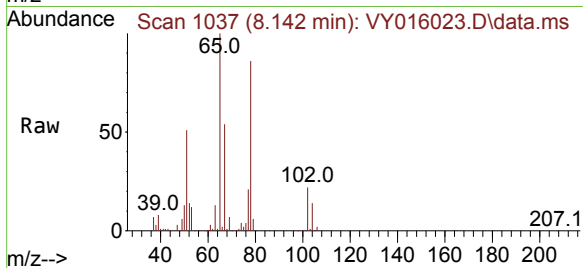




#33
1,2-Dichloroethane-d4
Concen: 46.603 ug/l
RT: 8.142 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

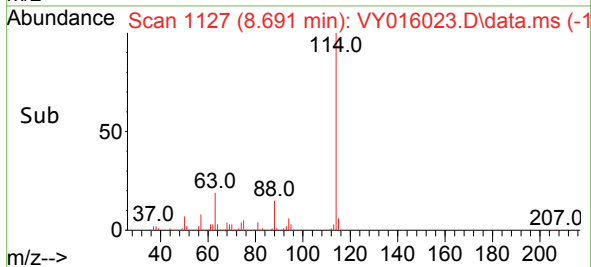
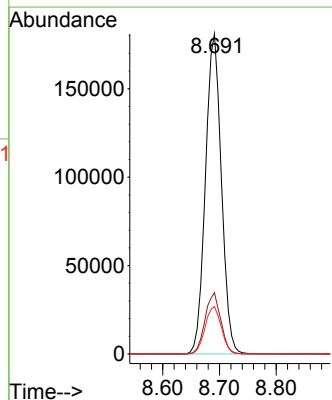
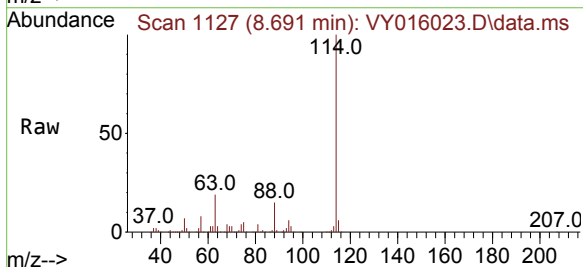
Instrument :
MSVOA_Y
ClientSampleId :

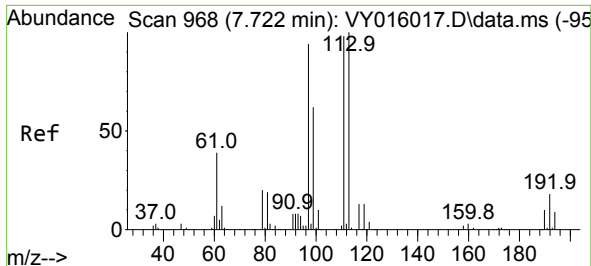
Tgt Ion: 65 Resp: 116525
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

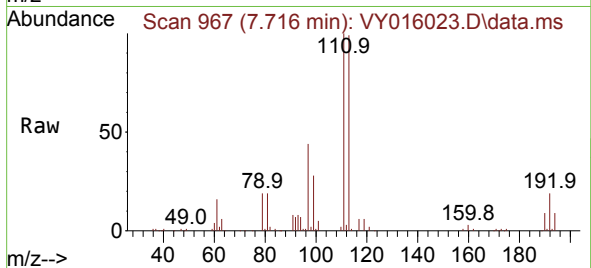
Tgt Ion:114 Resp: 353012
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.4
88 14.8 0.0 30.6



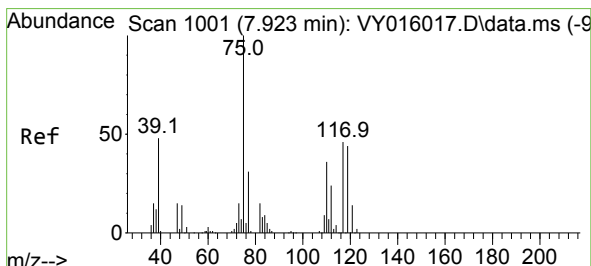
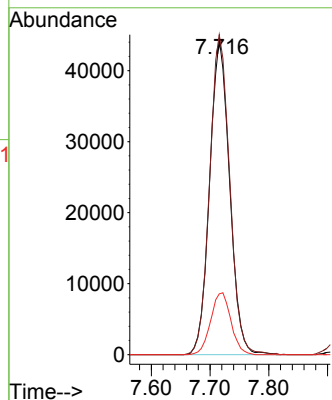
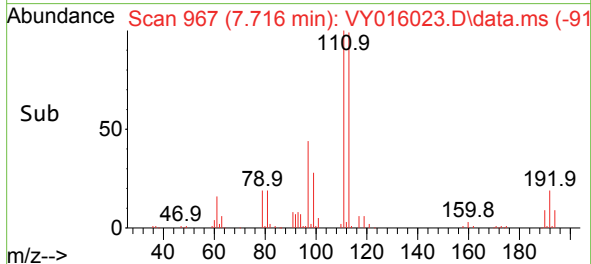


#35
Dibromofluoromethane
Concen: 45.033 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Instrument :
MSVOA_Y
ClientSampleId :

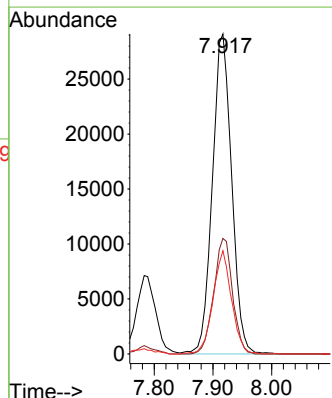
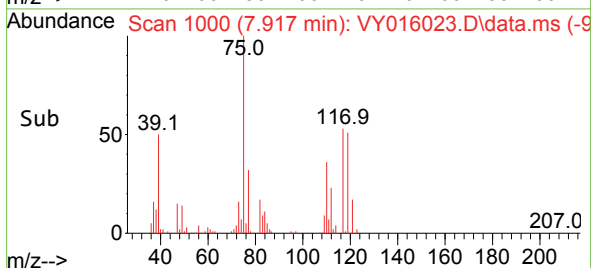
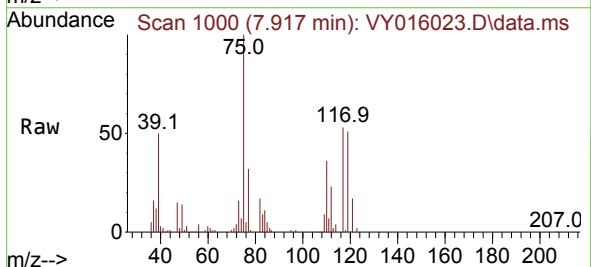


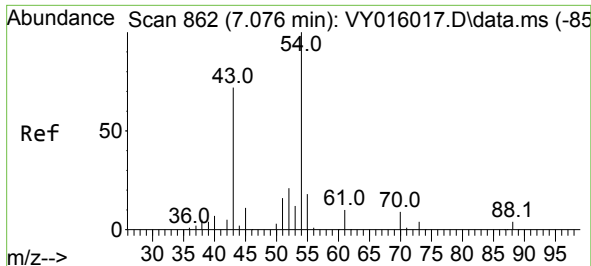
Tgt Ion:113 Resp: 104637
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 18.993 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

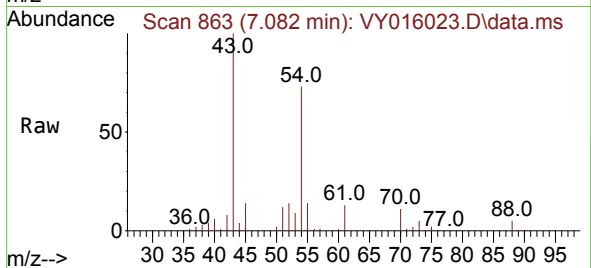
Tgt Ion: 75 Resp: 66397
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.5
77 31.0 24.4 36.6



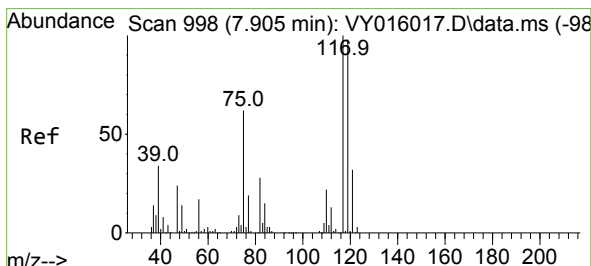
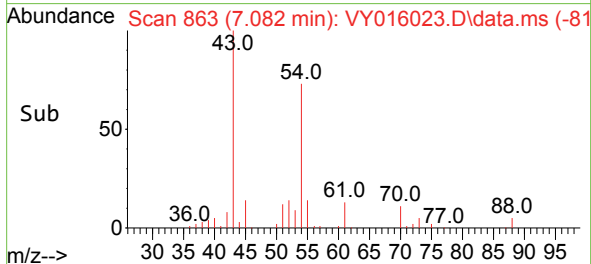
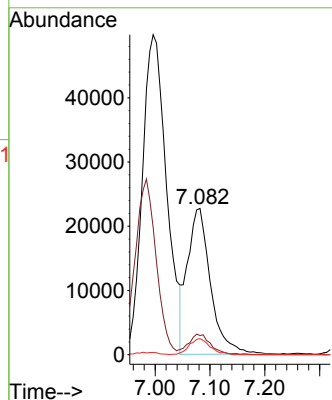


#37
Ethyl Acetate
Concen: 26.480 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.006 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Instrument :
MSVOA_Y
ClientSampleId :

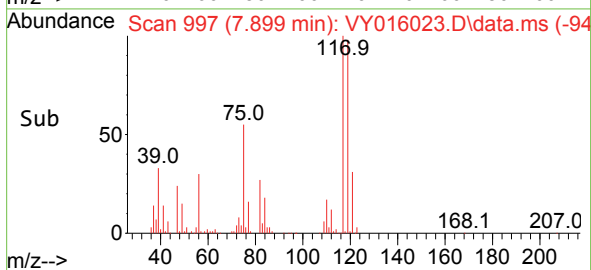
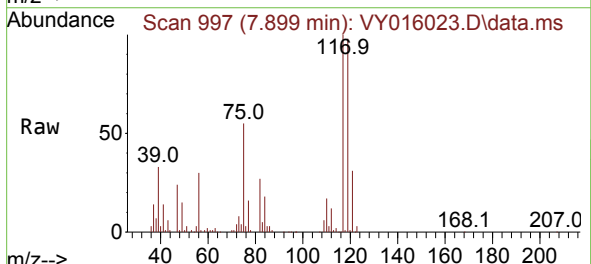
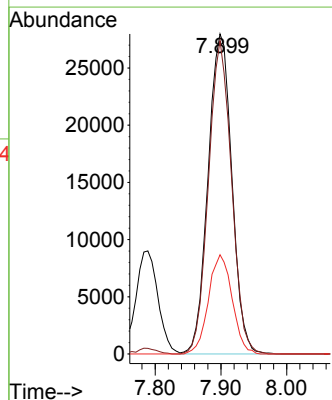


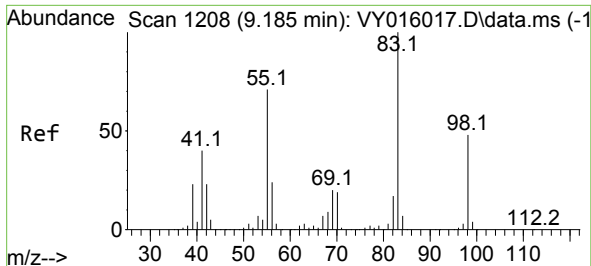
Tgt Ion: 43 Resp: 66726
Ion Ratio Lower Upper
43 100
61 13.8 10.1 15.1
70 9.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 18.971 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Tgt Ion: 117 Resp: 70487
Ion Ratio Lower Upper
117 100
119 97.9 76.4 114.6
121 31.0 25.8 38.6





#39

Methylcyclohexane

Concen: 18.996 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

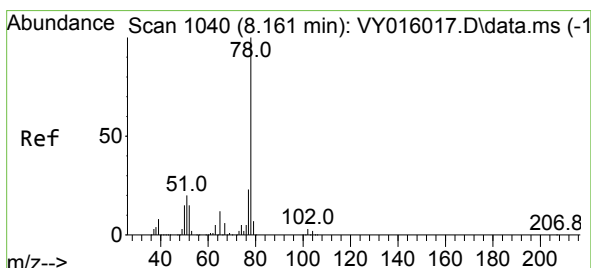
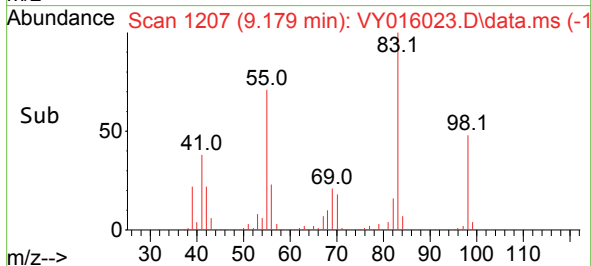
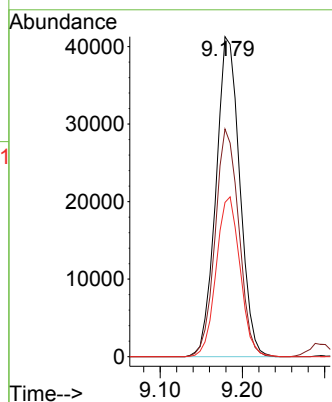
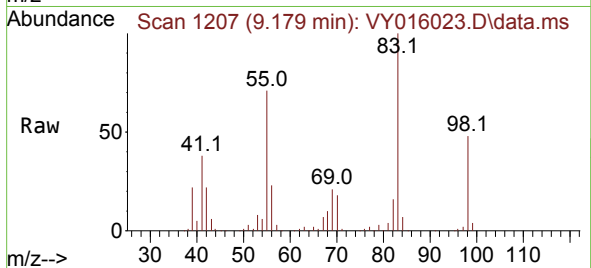
Tgt Ion: 83 Resp: 82989

Ion Ratio Lower Upper

83 100

55 71.1 63.0 94.4

98 48.2 37.4 56.2



#40

Benzene

Concen: 18.983 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY016023.D

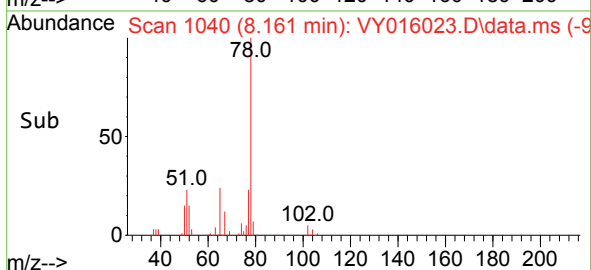
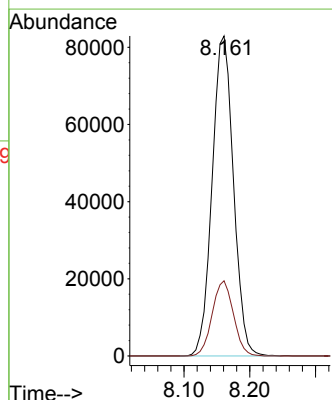
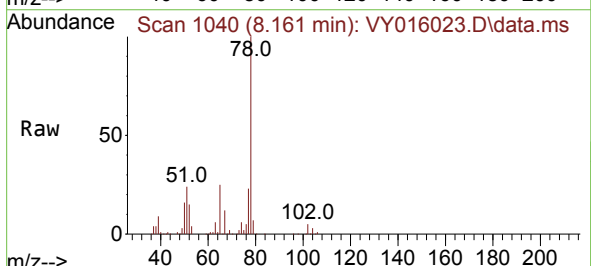
Acq: 18 Oct 2023 16:26

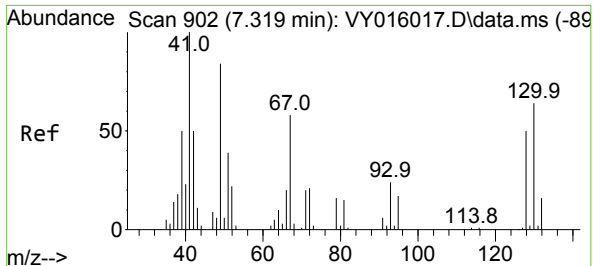
Tgt Ion: 78 Resp: 187028

Ion Ratio Lower Upper

78 100

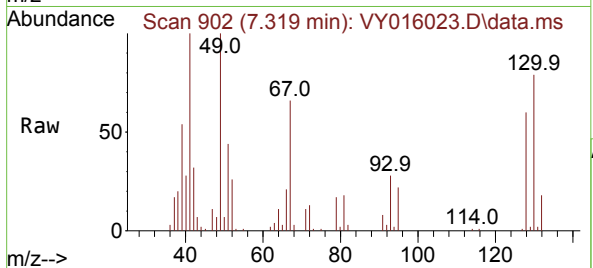
77 23.5 19.0 28.6



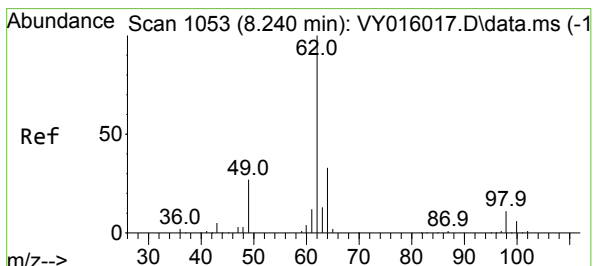
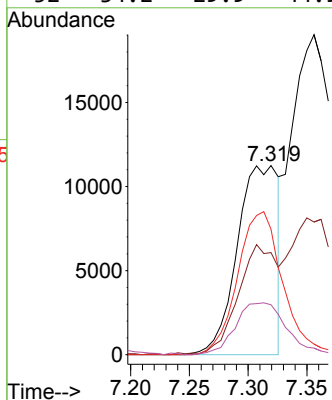
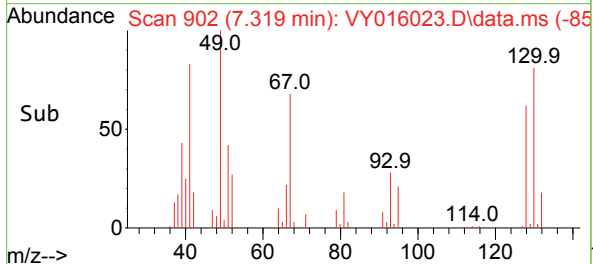


#41
Methacrylonitrile
Concen: 20.980 ug/l
RT: 7.319 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

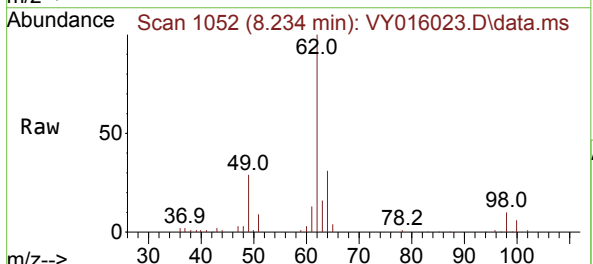
Instrument :
MSVOA_Y
ClientSampleId :



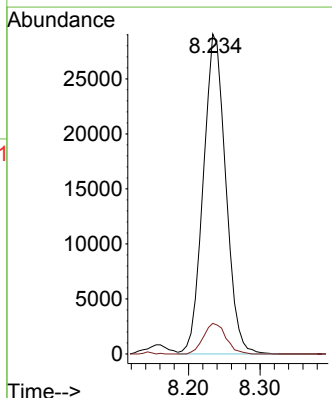
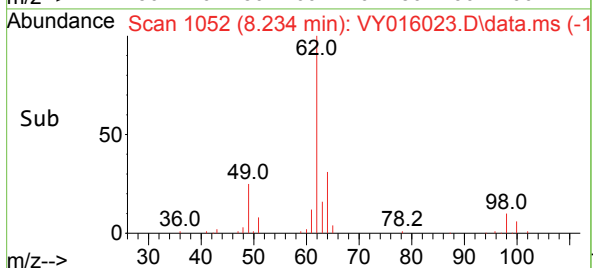
Tgt Ion:	41	Resp:	27425
Ion	Ratio	Lower	Upper
41	100		
39	54.4	52.1	78.1
67	83.4	66.2	99.2
52	34.2	29.9	44.9

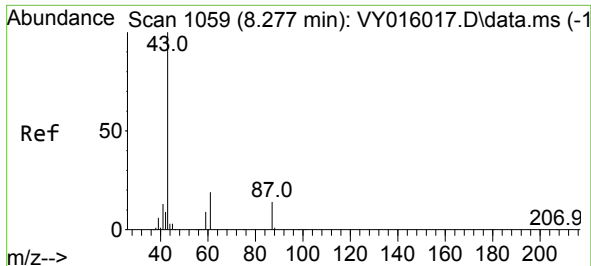


#42
1,2-Dichloroethane
Concen: 19.964 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26



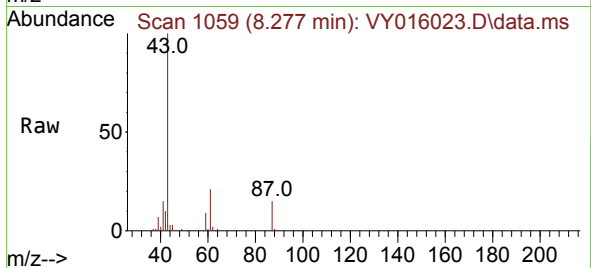
Tgt Ion:	62	Resp:	63359
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	15.8



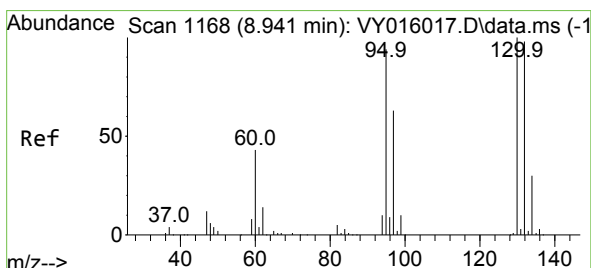
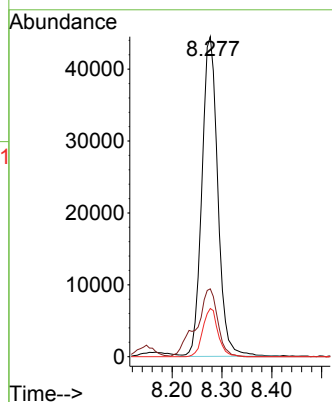
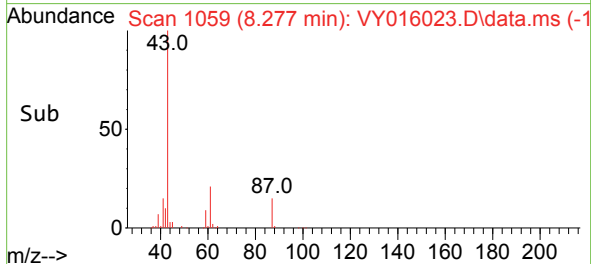


#43
Isopropyl Acetate
Concen: 22.298 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Instrument :
MSVOA_Y
ClientSampleId :

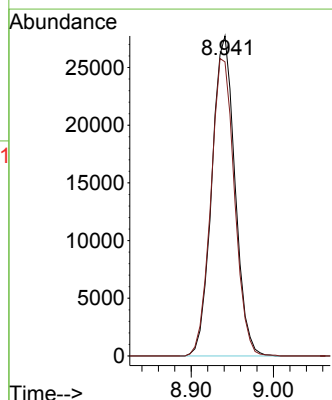
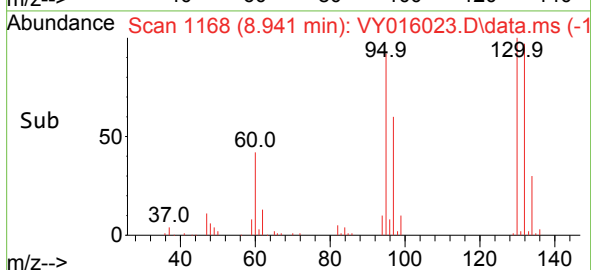
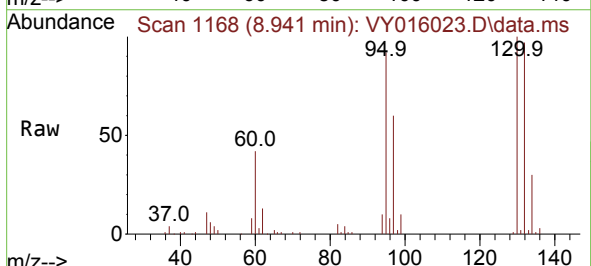


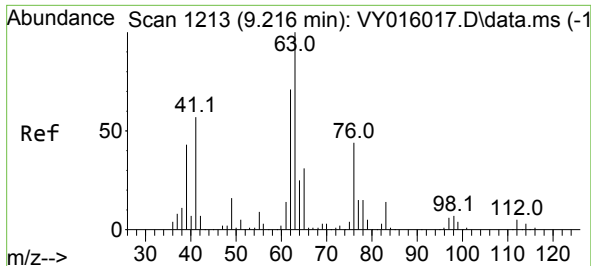
Tgt Ion: 43 Resp: 98235
Ion Ratio Lower Upper
43 100
61 28.5 21.1 31.7
87 14.5 9.8 14.8



#44
Trichloroethene
Concen: 19.582 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Tgt Ion:130 Resp: 54097
Ion Ratio Lower Upper
130 100
95 91.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.182 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Instrument :

MSVOA_Y

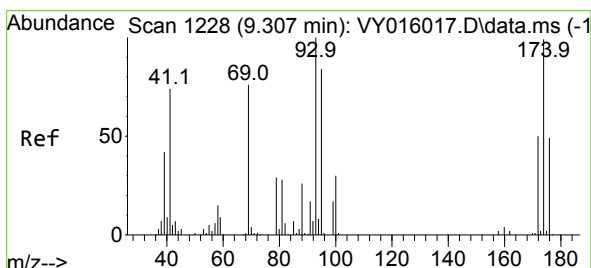
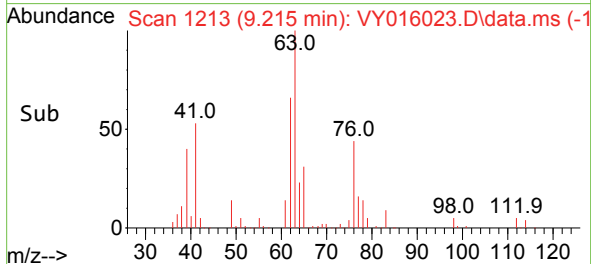
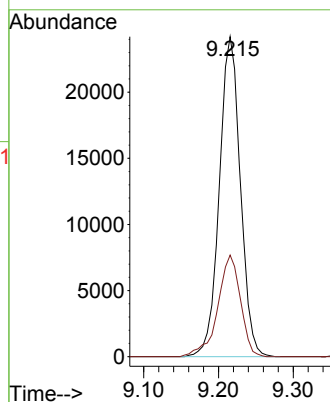
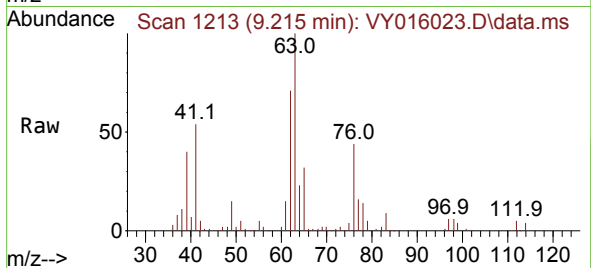
ClientSampleId :

Tgt Ion: 63 Resp: 47298

Ion Ratio Lower Upper

63 100

65 31.7 23.8 35.6



#46

Dibromomethane

Concen: 20.124 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

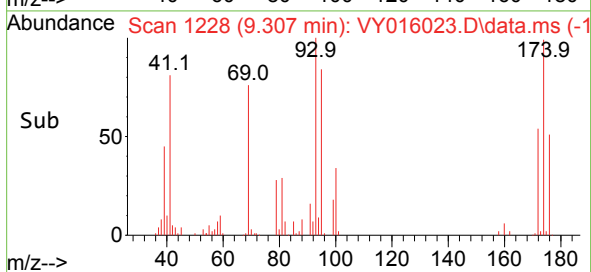
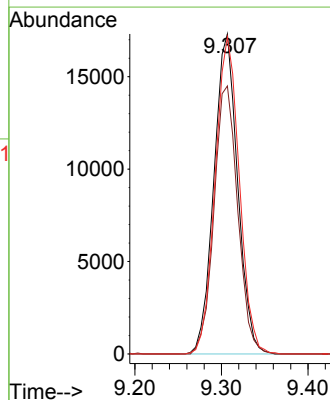
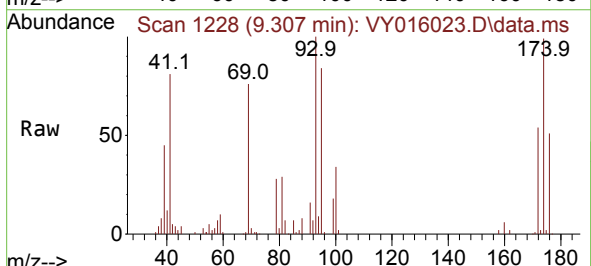
Tgt Ion: 93 Resp: 32943

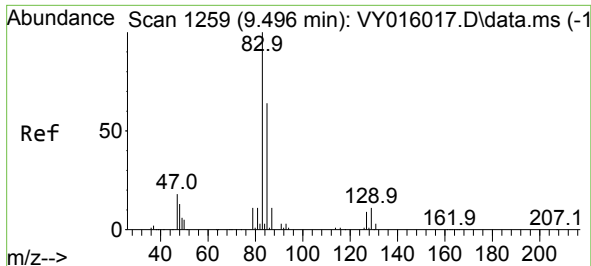
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

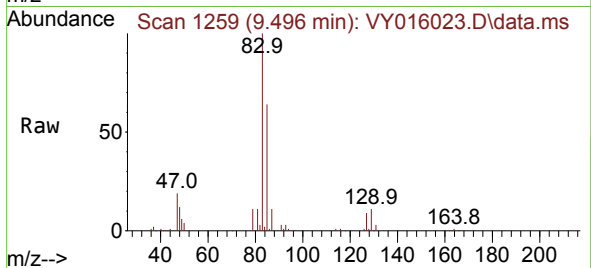
174 101.0 84.8 127.2



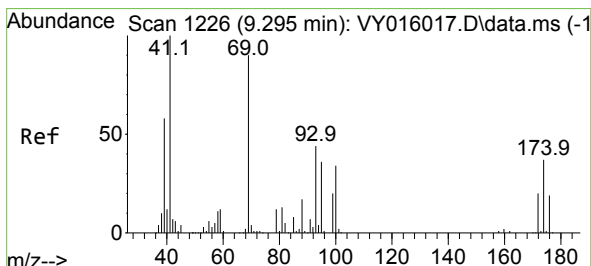
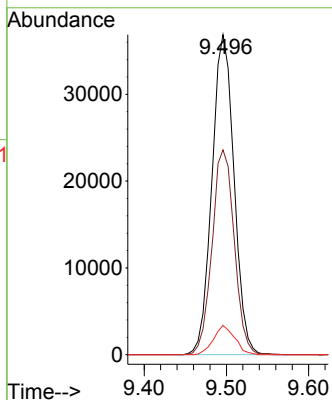
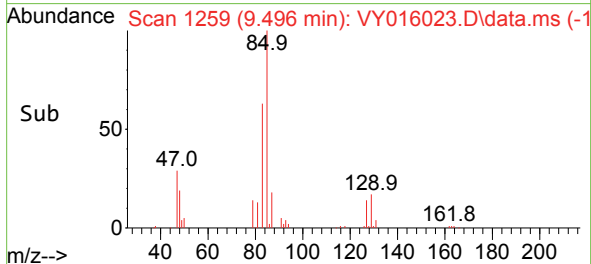


#47
Bromodichloromethane
Concen: 19.174 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Instrument :
MSVOA_Y
ClientSampleId :

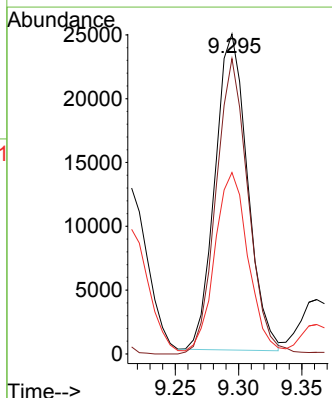
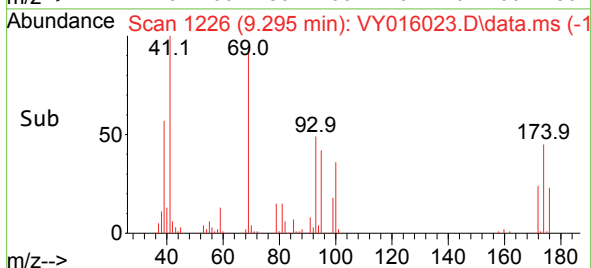
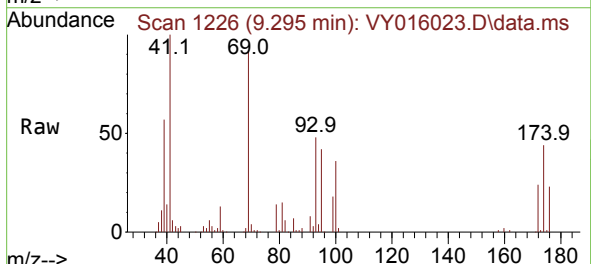


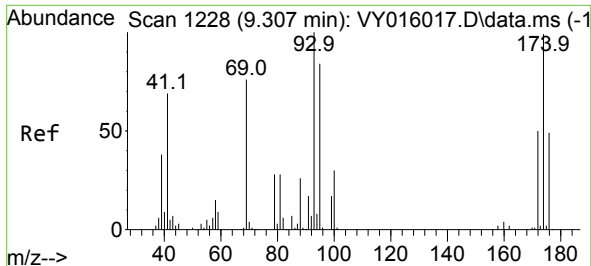
Tgt Ion: 83 Resp: 68792
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 9.2 7.1 10.7



#48
Methyl methacrylate
Concen: 22.046 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Tgt Ion: 41 Resp: 44211
Ion Ratio Lower Upper
41 100
69 92.5 64.5 96.7
39 57.4 50.8 76.2





#49

1,4-Dioxane

Concen: 604.698 ug/l

RT: 9.331 min Scan# 1

Delta R.T. 0.024 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

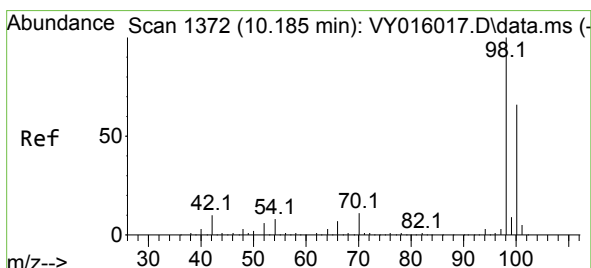
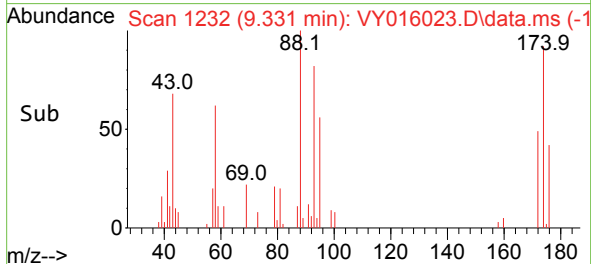
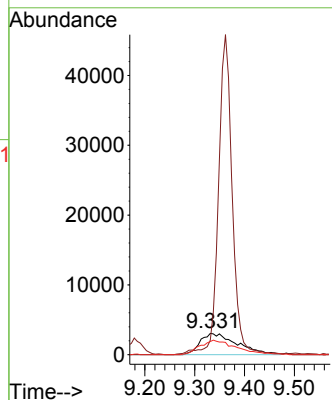
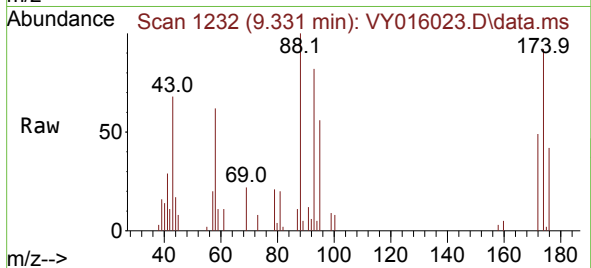
Tgt Ion: 88 Resp: 15762

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 66.9 30.9 46.3#



#50

Toluene-d8

Concen: 45.003 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY016023.D

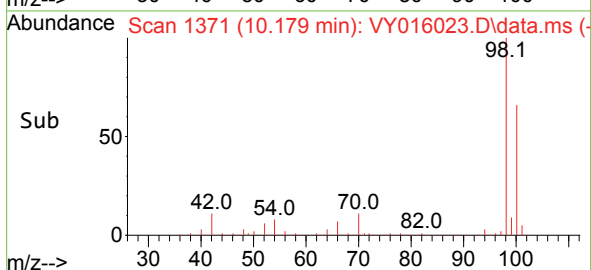
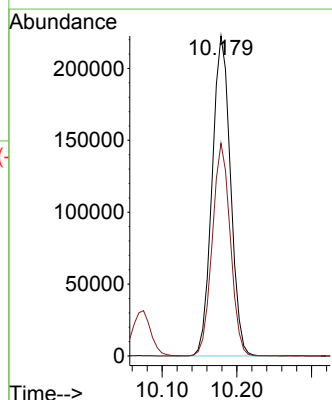
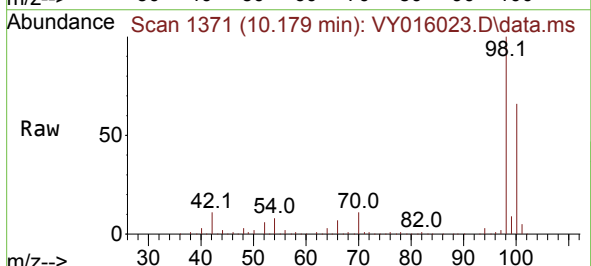
Acq: 18 Oct 2023 16:26

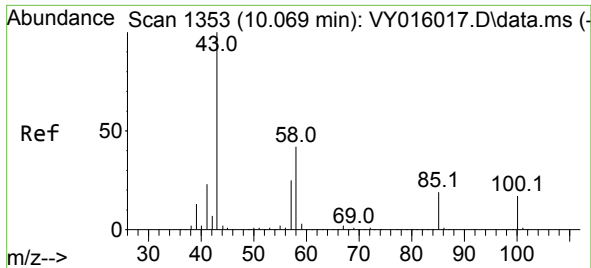
Tgt Ion: 98 Resp: 379777

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 121.490 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Instrument :

MSVOA_Y

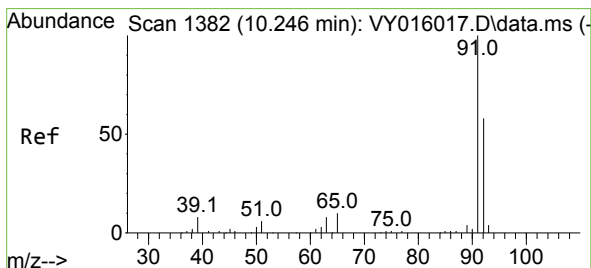
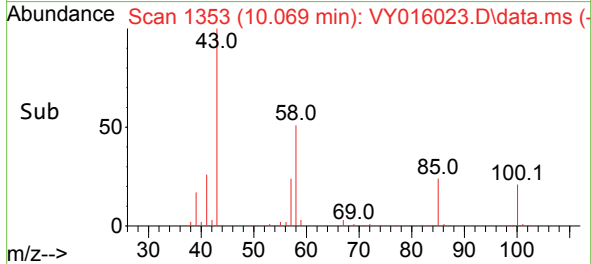
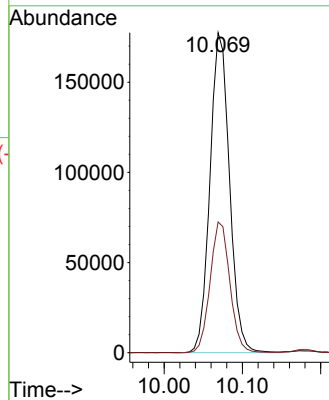
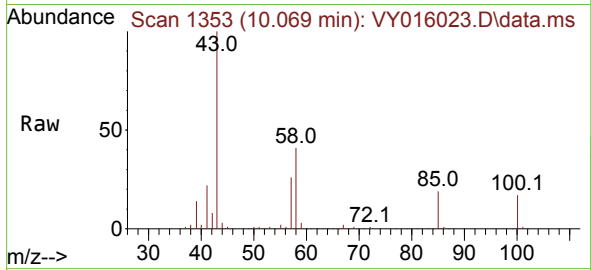
ClientSampleId :

Tgt Ion: 43 Resp: 307792

Ion Ratio Lower Upper

43 100

58 41.3 29.0 43.6



#52

Toluene

Concen: 19.002 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY016023.D

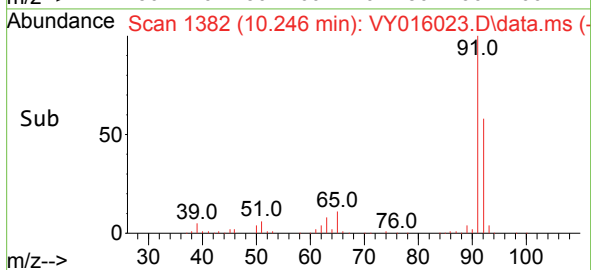
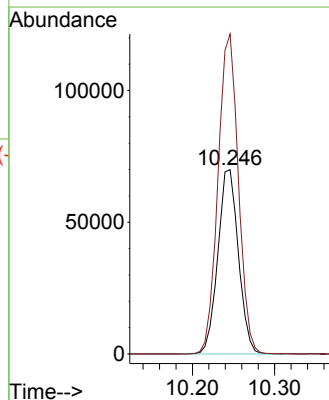
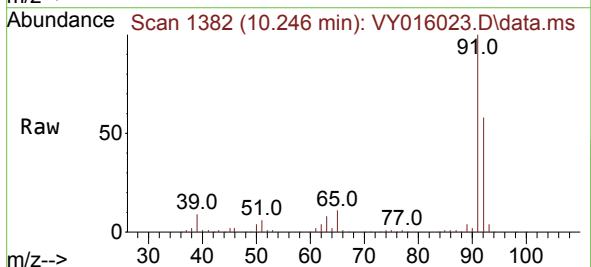
Acq: 18 Oct 2023 16:26

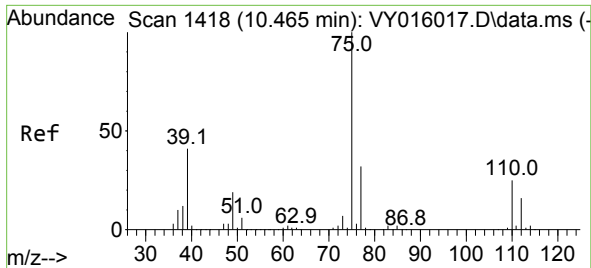
Tgt Ion: 92 Resp: 121434

Ion Ratio Lower Upper

92 100

91 172.0 143.8 215.6

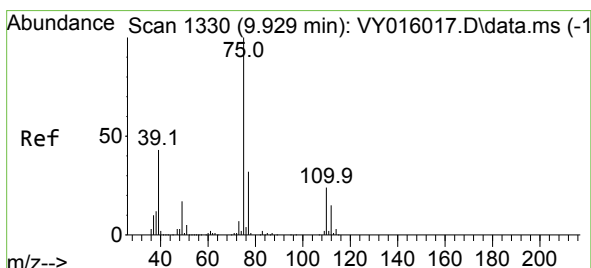
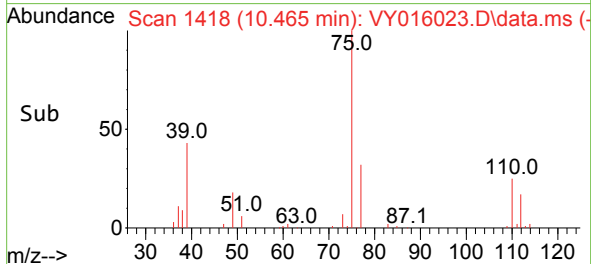
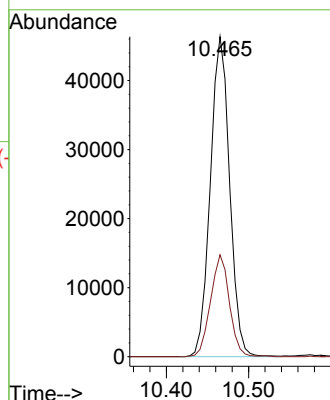
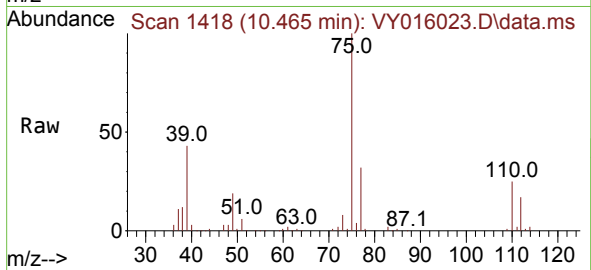




#53
 t-1,3-Dichloropropene
 Concen: 19.448 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY016023.D
 Acq: 18 Oct 2023 16:26

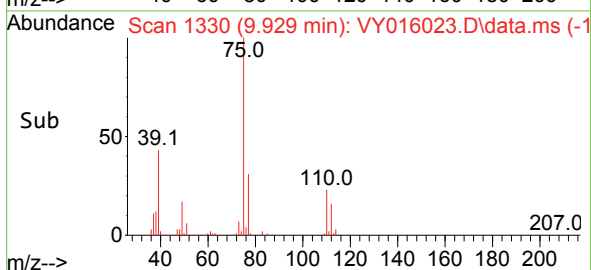
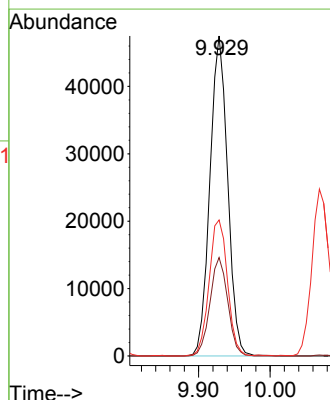
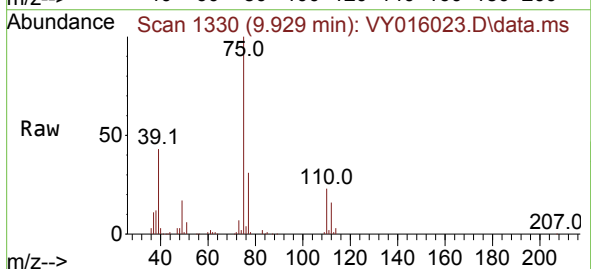
Instrument :
 MSVOA_Y
 ClientSampleId :

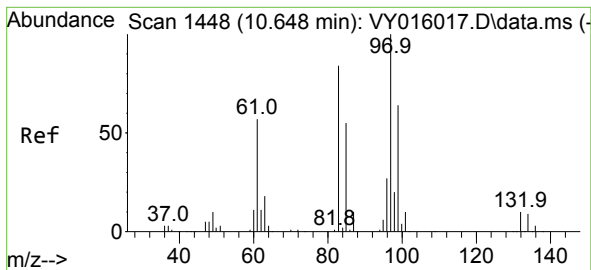
Tgt Ion: 75 Resp: 75588
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.281 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY016023.D
 Acq: 18 Oct 2023 16:26

Tgt Ion: 75 Resp: 81688
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.2 36.4
 39 42.5 42.2 63.4

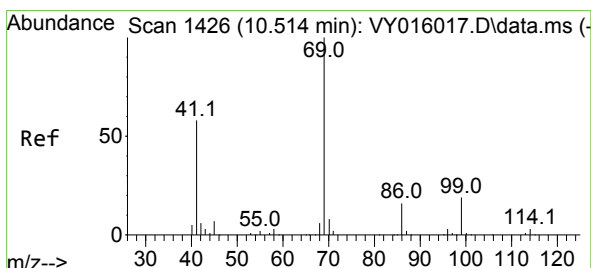
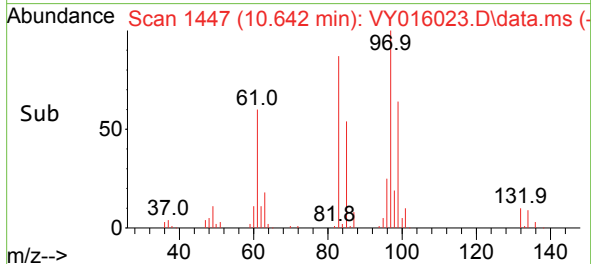
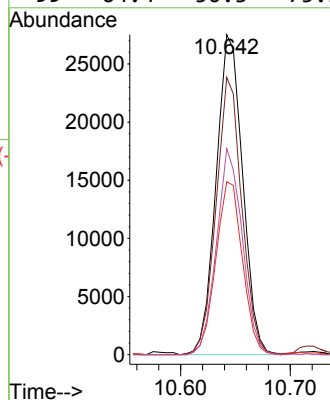
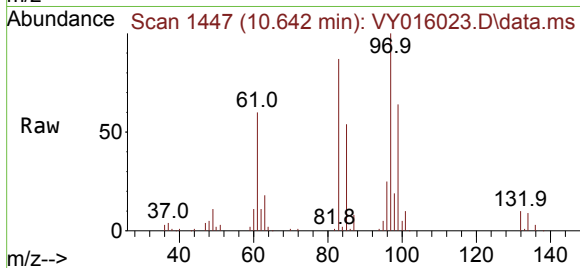




#55
 1,1,2-Trichloroethane
 Concen: 20.610 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. -0.006 min
 Lab File: VY016023.D
 Acq: 18 Oct 2023 16:26

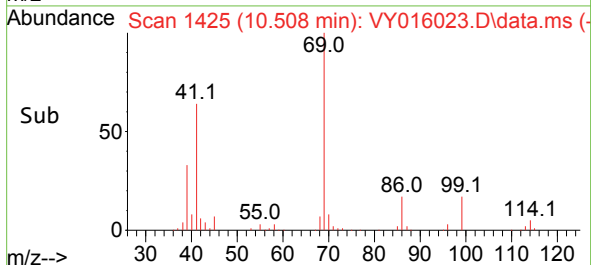
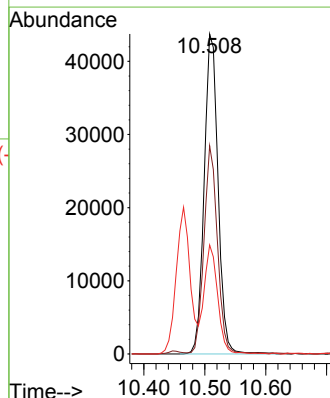
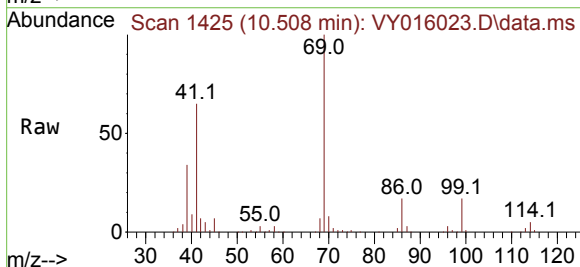
Instrument :
 MSVOA_Y
 ClientSampleId :

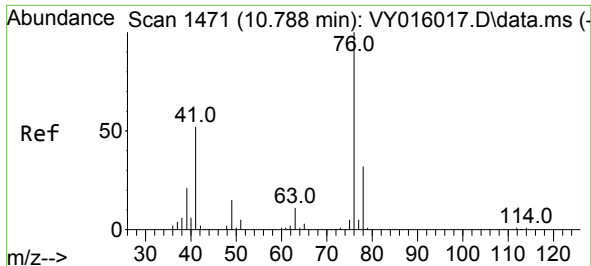
Tgt Ion:	97	Resp:	46349
Ion	Ratio	Lower	Upper
97	100		
83	86.7	72.0	108.0
85	54.1	45.4	68.0
99	64.4	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 21.168 ug/l
 RT: 10.508 min Scan# 1425
 Delta R.T. -0.006 min
 Lab File: VY016023.D
 Acq: 18 Oct 2023 16:26

Tgt Ion:	69	Resp:	69571
Ion	Ratio	Lower	Upper
69	100		
41	62.6	57.6	86.4
39	32.2	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 20.380 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Instrument :

MSVOA_Y

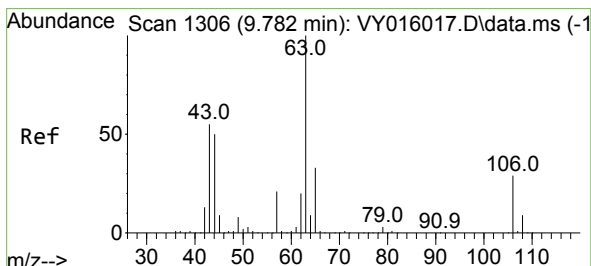
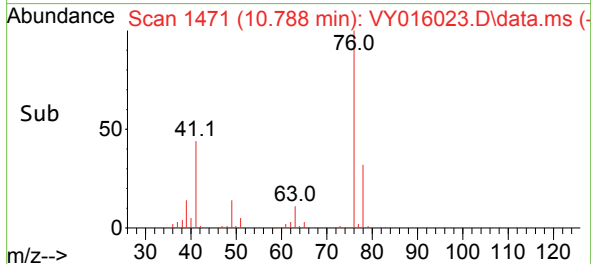
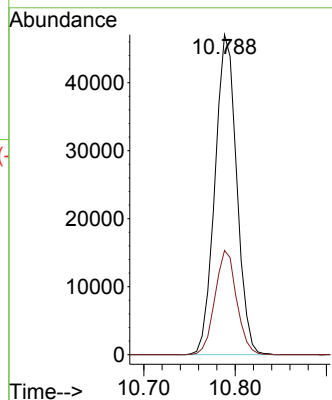
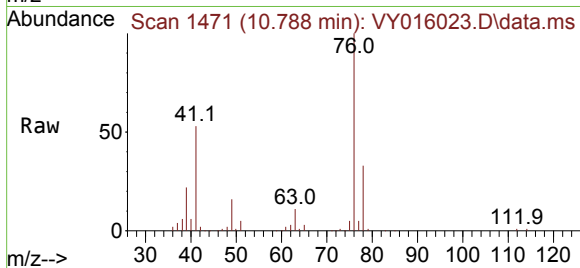
ClientSampleId :

Tgt Ion: 76 Resp: 77754

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 114.205 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY016023.D

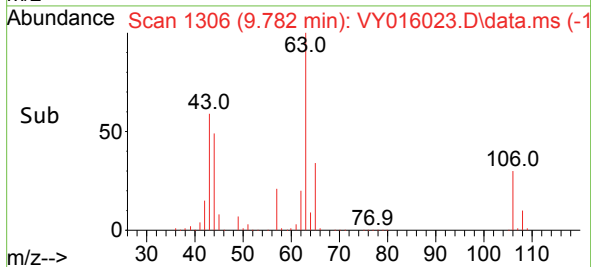
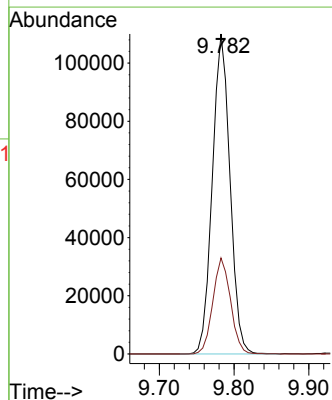
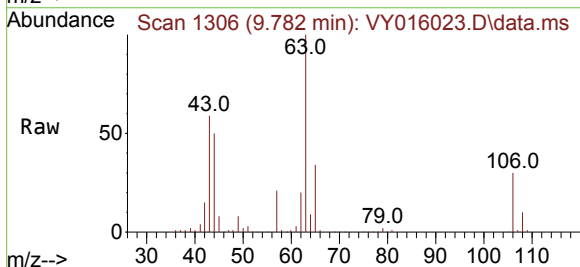
Acq: 18 Oct 2023 16:26

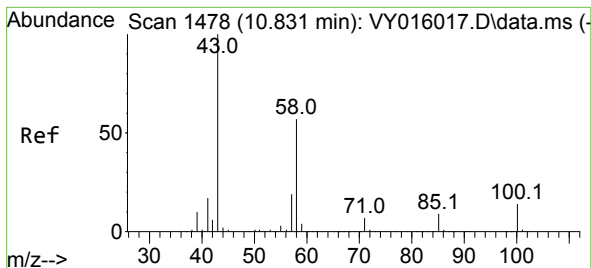
Tgt Ion: 63 Resp: 180290

Ion Ratio Lower Upper

63 100

106 30.0 21.2 31.8

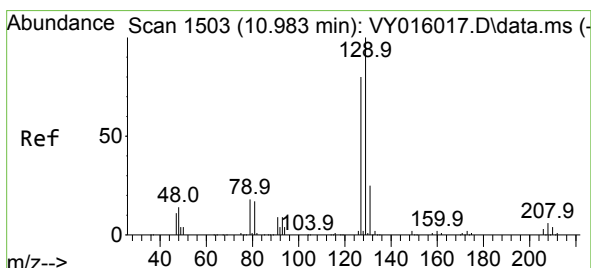
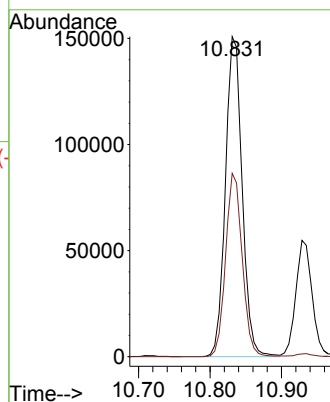
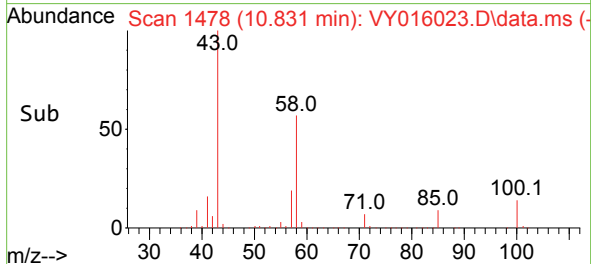
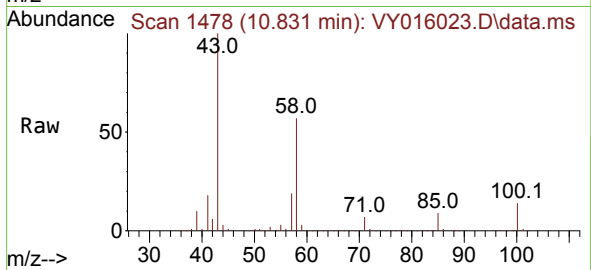




#59
2-Hexanone
Concen: 127.252 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

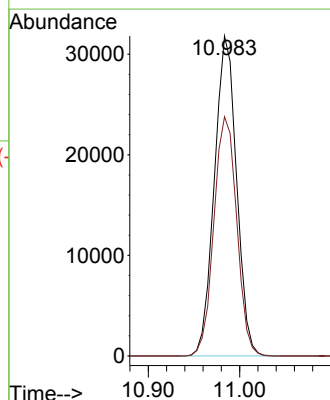
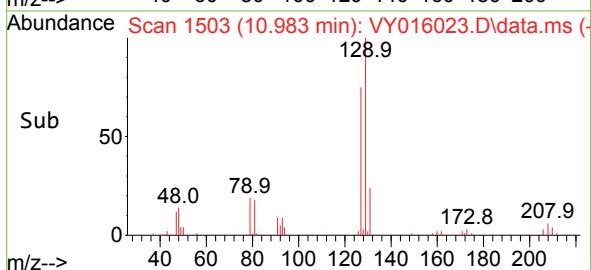
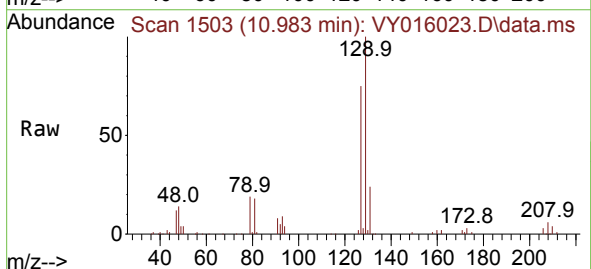
Instrument :
MSVOA_Y
ClientSampleId :

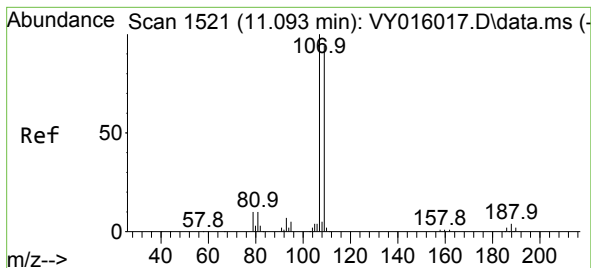
Tgt Ion: 43 Resp: 245283
Ion Ratio Lower Upper
43 100
58 56.9 25.1 75.3



#60
Dibromochloromethane
Concen: 19.730 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Tgt Ion:129 Resp: 53661
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.633 ug/l

RT: 11.087 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Instrument :

MSVOA_Y

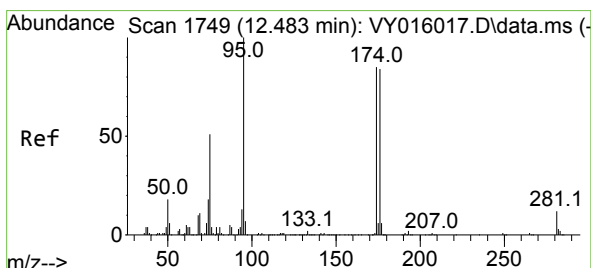
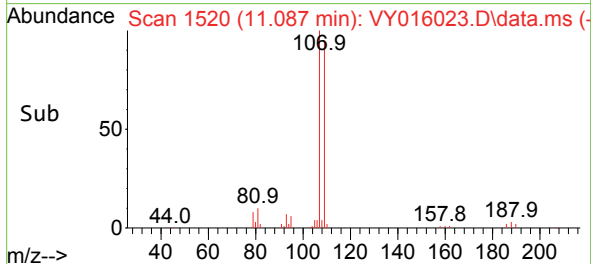
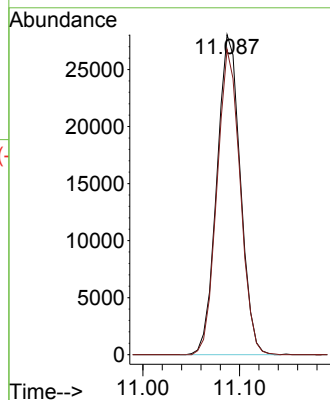
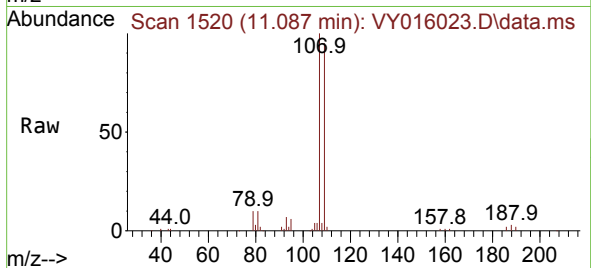
ClientSampleId :

Tgt Ion:107 Resp: 47224

Ion Ratio Lower Upper

107 100

109 94.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 45.211 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

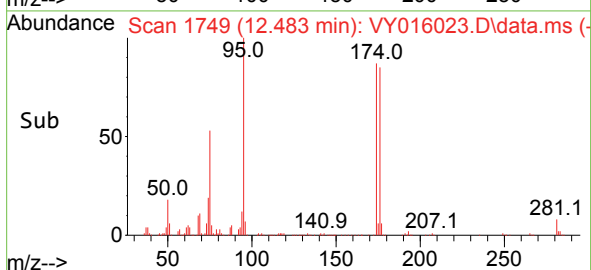
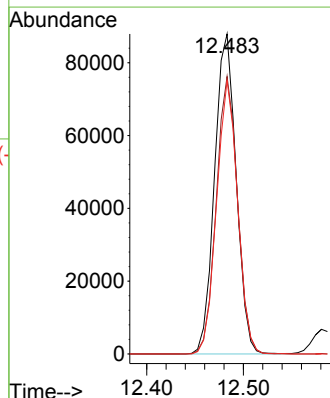
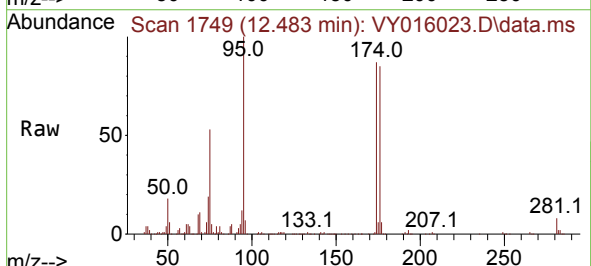
Tgt Ion: 95 Resp: 136136

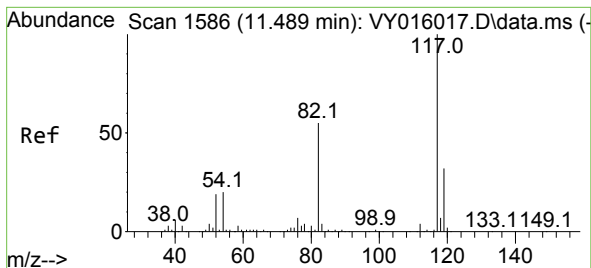
Ion Ratio Lower Upper

95 100

174 85.5 0.0 178.2

176 83.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

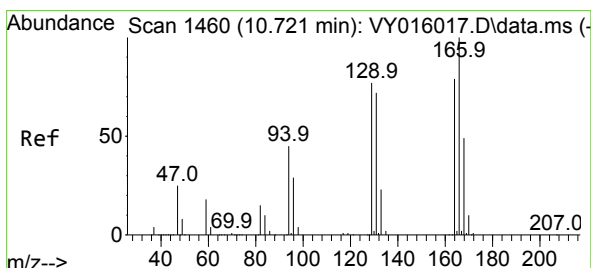
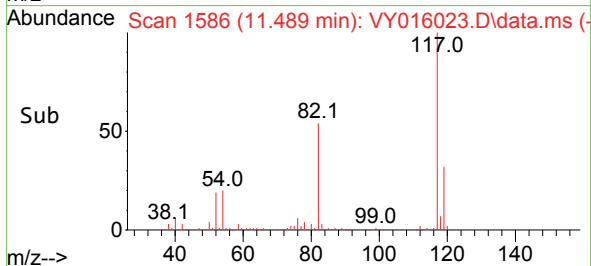
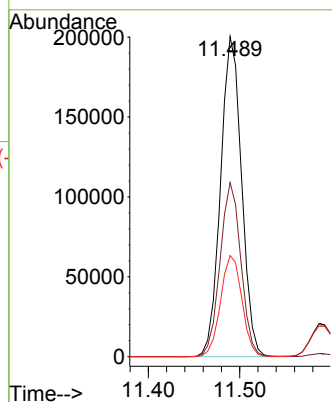
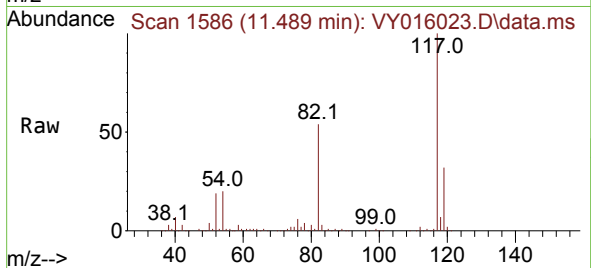
Tgt Ion:117 Resp: 320071

Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.0

119 31.6 26.3 39.5



#64

Tetrachloroethene

Concen: 20.143 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Tgt Ion:164 Resp: 49992

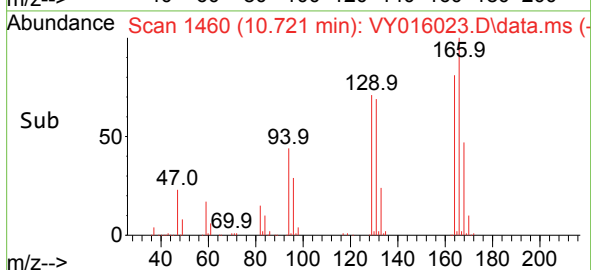
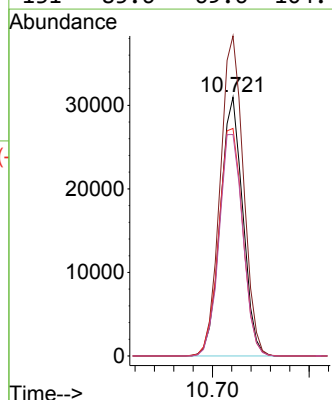
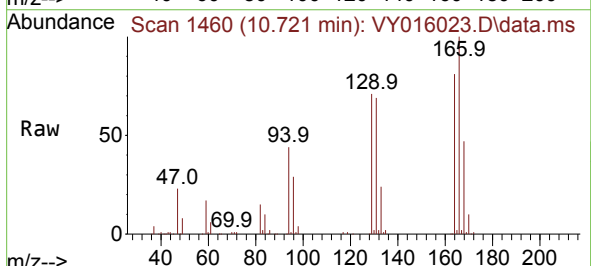
Ion Ratio Lower Upper

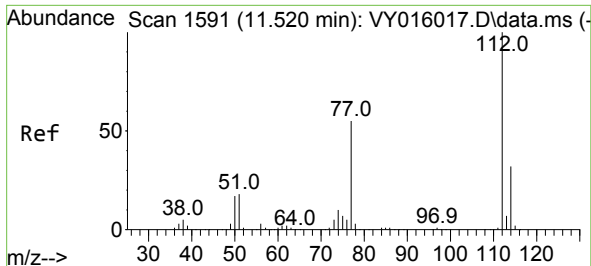
164 100

166 123.7 103.0 154.6

129 87.9 77.2 115.8

131 85.6 69.6 104.4

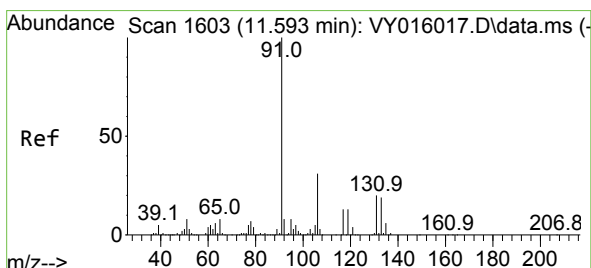
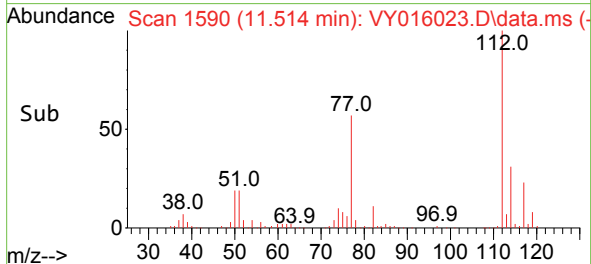
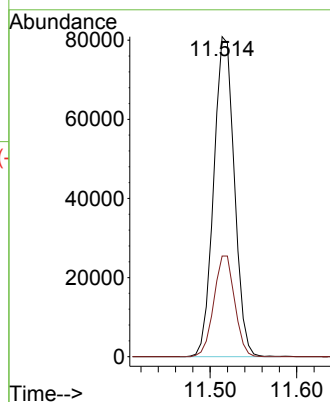
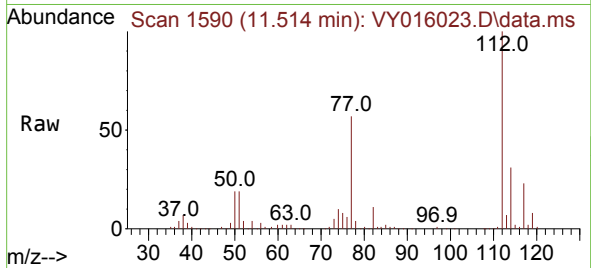




#65
Chlorobenzene
Concen: 19.328 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

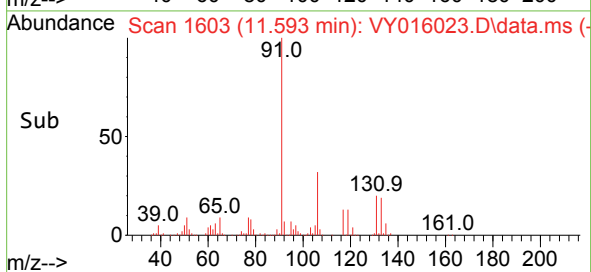
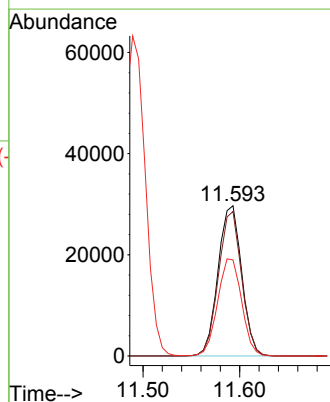
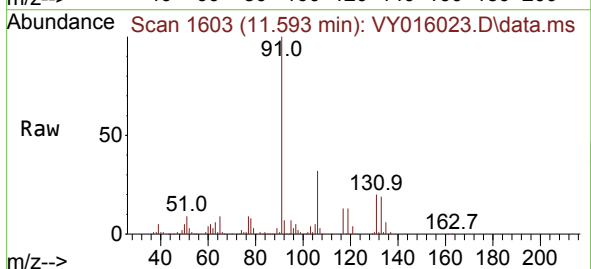
Instrument :
MSVOA_Y
ClientSampleId :

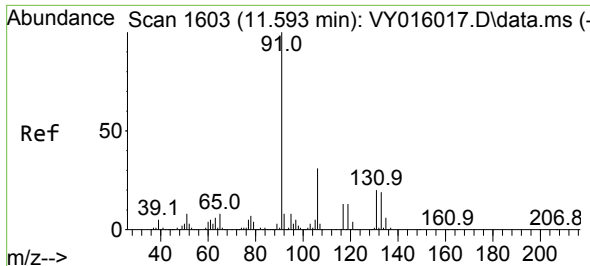
Tgt Ion:112 Resp: 133975
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.245 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Tgt Ion:131 Resp: 50282
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.6
119 65.8 31.6 94.7

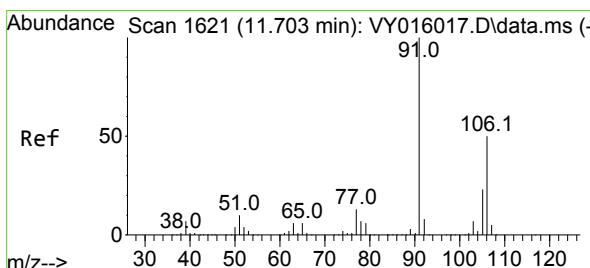
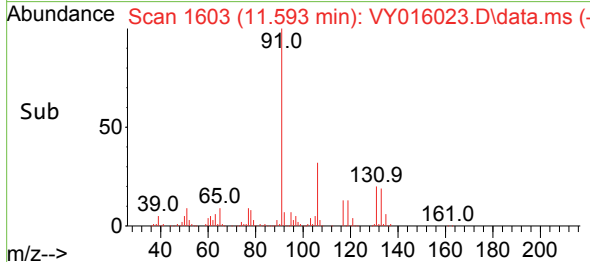
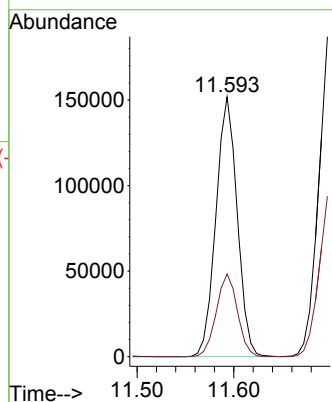
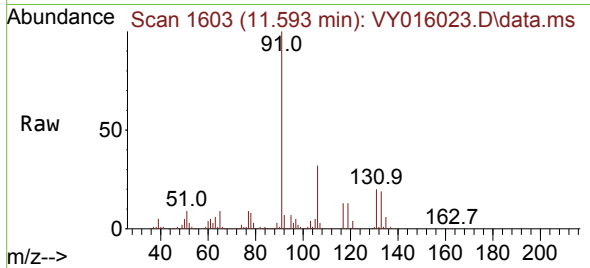




#67
Ethyl Benzene
Concen: 18.857 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

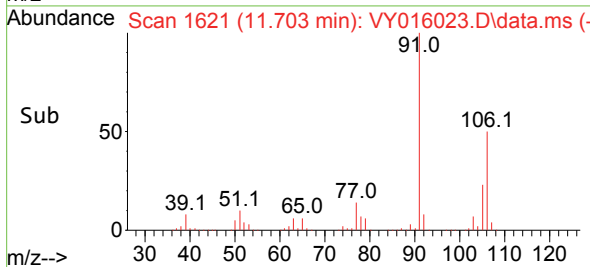
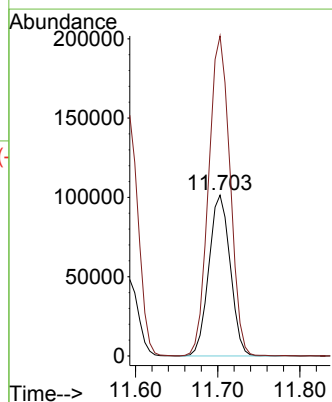
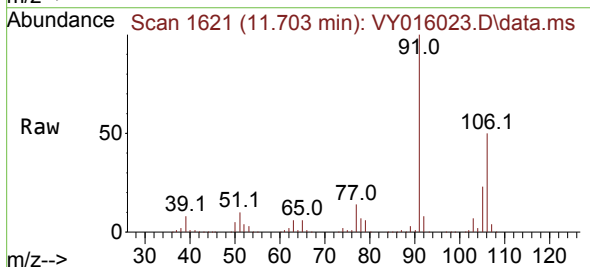
Instrument :
MSVOA_Y
ClientSampleId :

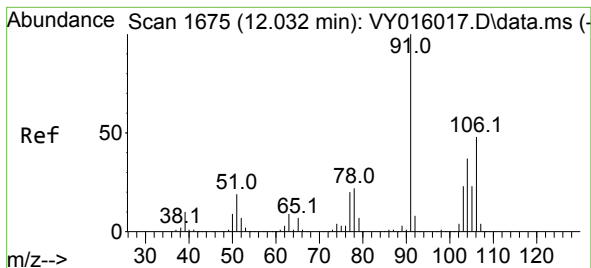
Tgt Ion: 91 Resp: 231303
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8



#68
m/p-Xylenes
Concen: 38.283 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Tgt Ion: 106 Resp: 183111
Ion Ratio Lower Upper
106 100
91 199.0 166.1 249.1





#69

o-Xylene

Concen: 18.980 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Instrument :

MSVOA_Y

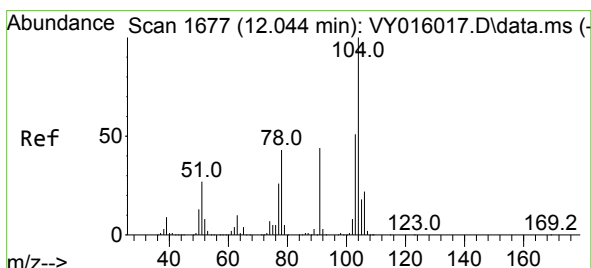
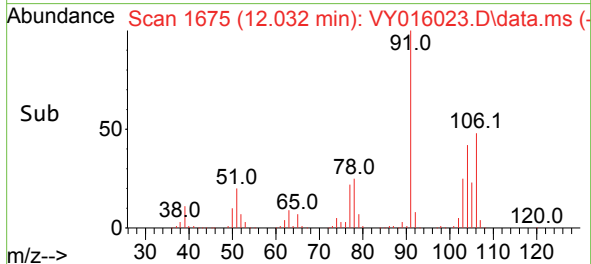
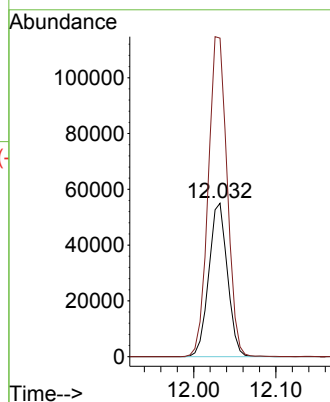
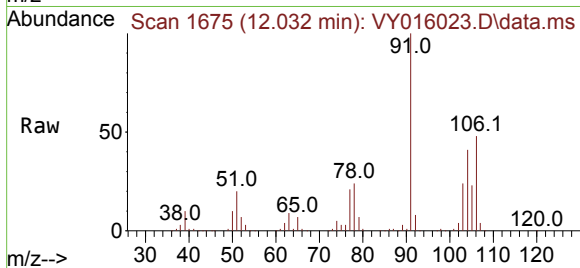
ClientSampleId :

Tgt Ion:106 Resp: 86365

Ion Ratio Lower Upper

106 100

91 211.8 108.1 324.3



#70

Styrene

Concen: 19.208 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

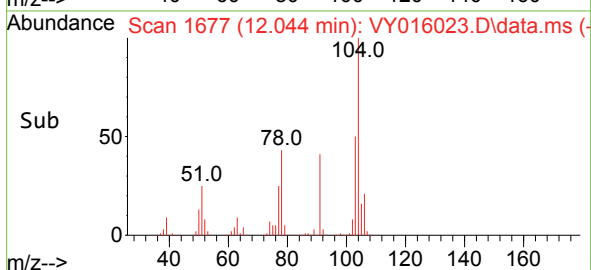
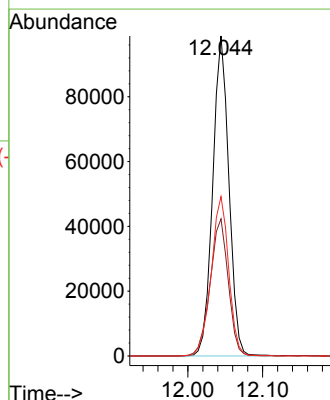
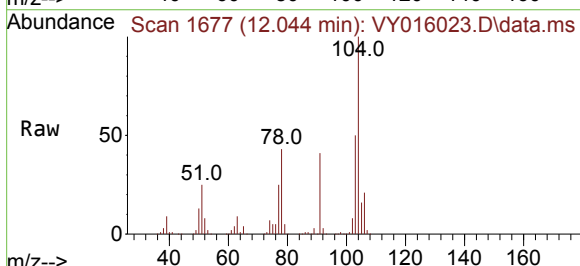
Tgt Ion:104 Resp: 148964

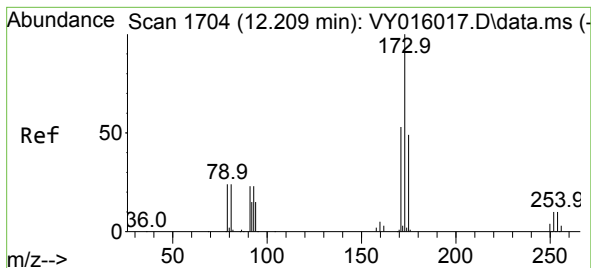
Ion Ratio Lower Upper

104 100

78 48.0 41.5 62.3

103 53.9 44.6 67.0





#71

Bromoform

Concen: 20.911 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016023.D

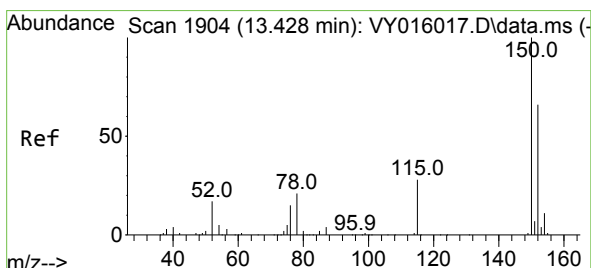
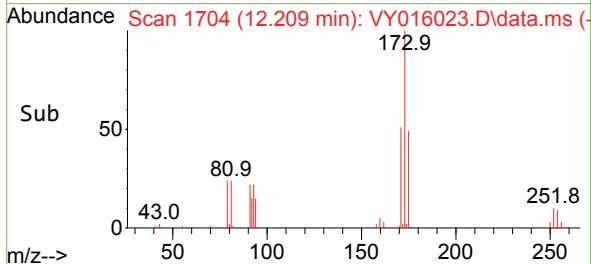
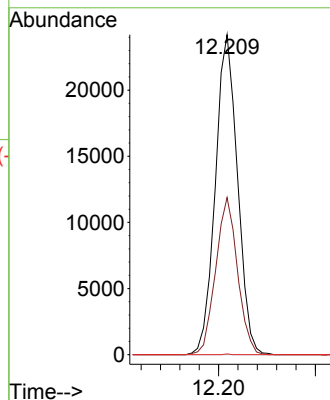
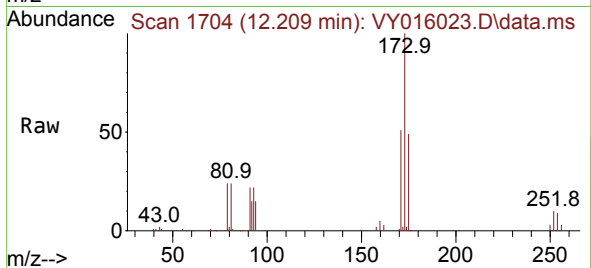
Acq: 18 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	38444
Ion Ratio	Lower	Upper
173	100	
175	48.4	24.6 73.8
254	0.1	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

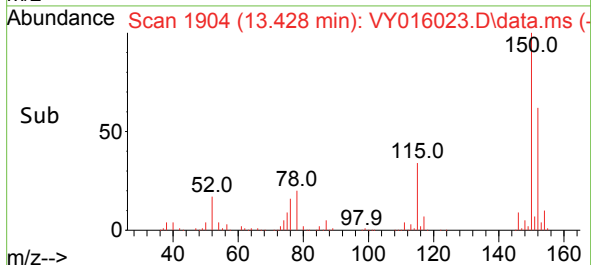
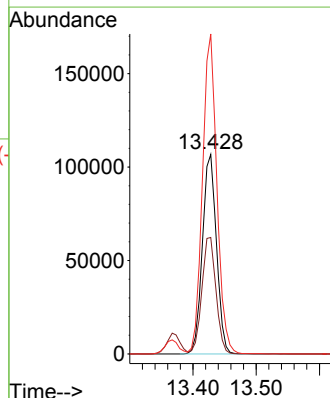
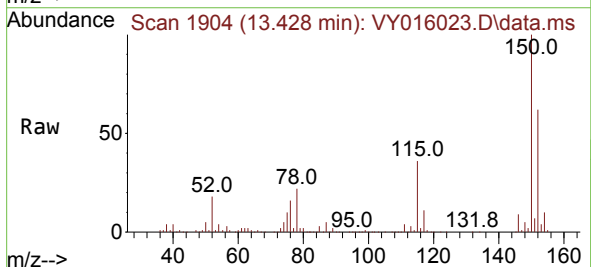
RT: 13.428 min Scan# 1904

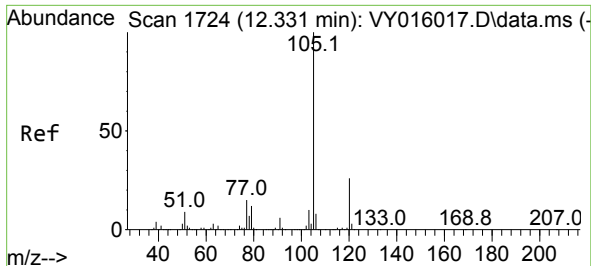
Delta R.T. -0.000 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Tgt Ion:152	Resp:	165458
Ion Ratio	Lower	Upper
152	100	
115	58.5	28.8 86.5
150	164.2	0.0 348.8

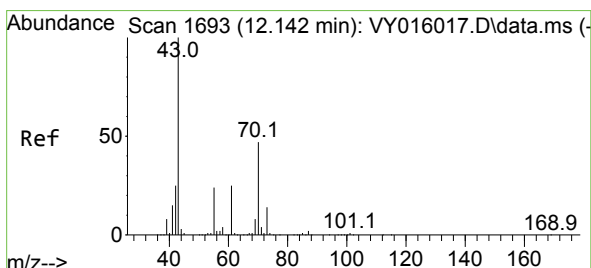
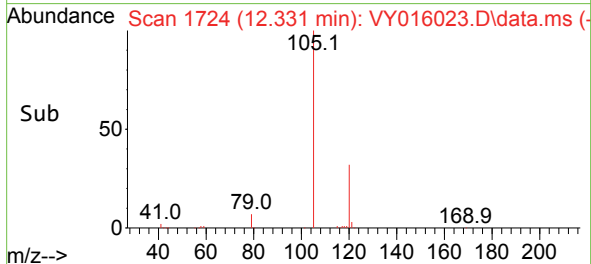
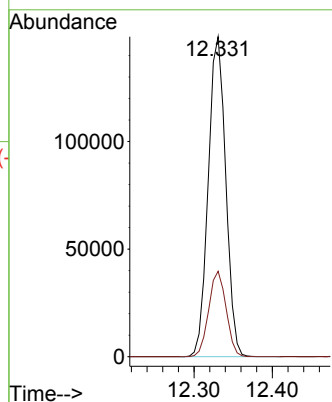
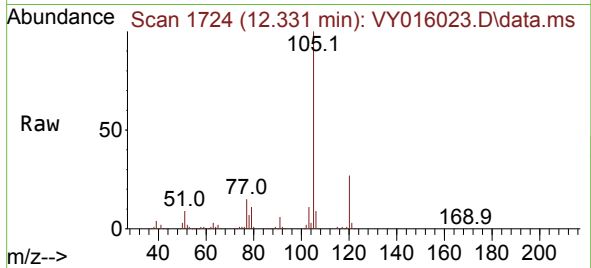




#73
Isopropylbenzene
Concen: 18.610 ug/l
RT: 12.331 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

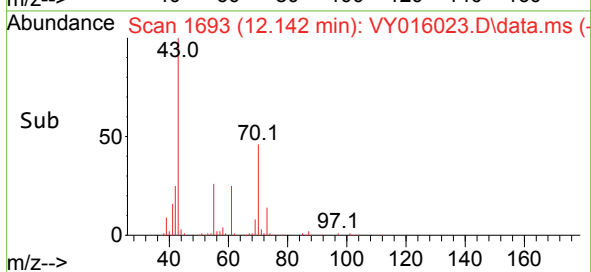
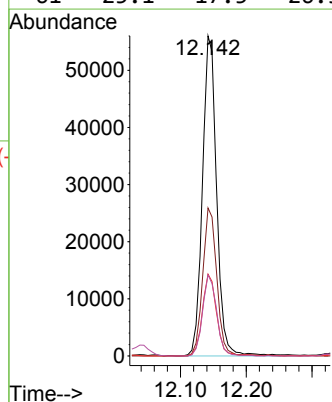
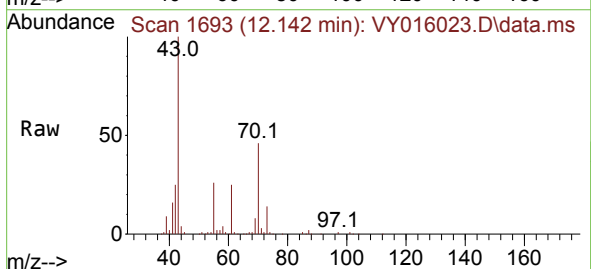
Instrument :
MSVOA_Y
ClientSampleId :

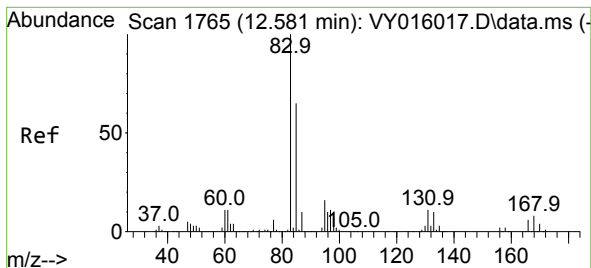
Tgt Ion:105 Resp: 230336
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 21.478 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Tgt Ion: 43 Resp: 83964
Ion Ratio Lower Upper
43 100
70 46.1 29.7 44.5#
55 25.5 18.3 27.5
61 25.1 17.5 26.3

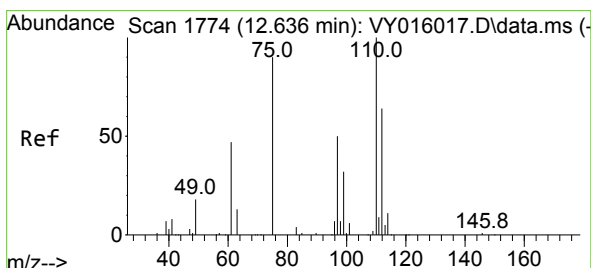
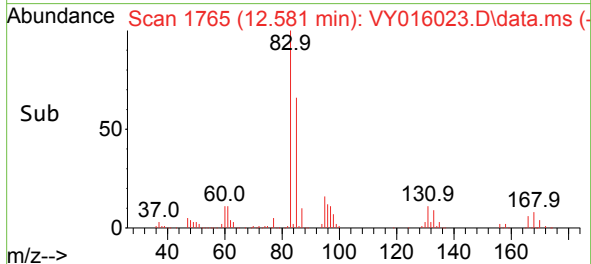
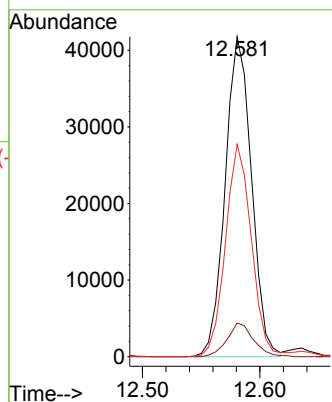
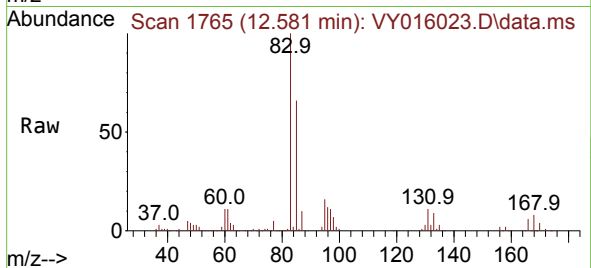




#75
1,1,2,2-Tetrachloroethane
Concen: 20.981 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

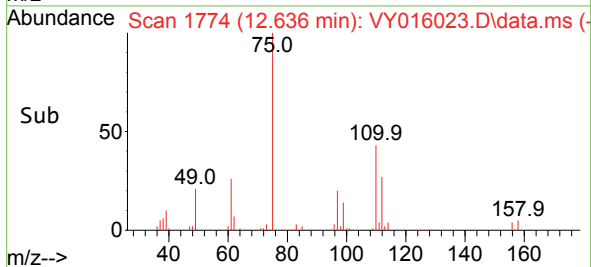
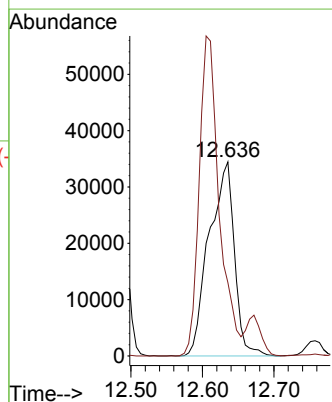
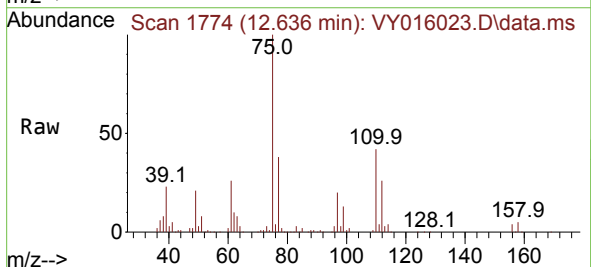
Instrument :
MSVOA_Y
ClientSampleId :

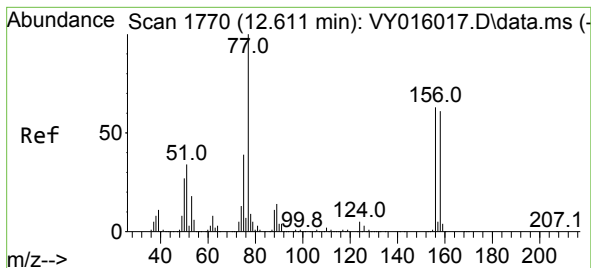
Tgt Ion: 83 Resp: 65040
Ion Ratio Lower Upper
83 100
131 10.6 5.4 16.2
85 65.4 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 36.164 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Tgt Ion: 75 Resp: 84722
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.141 ug/l

RT: 12.611 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

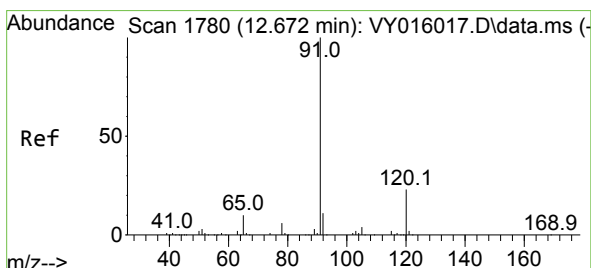
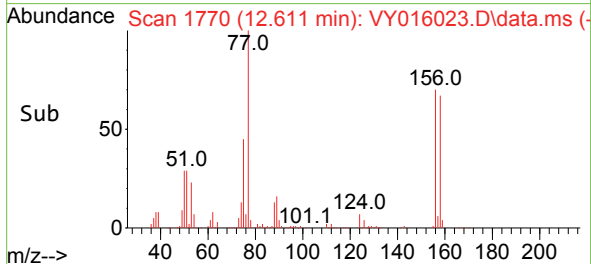
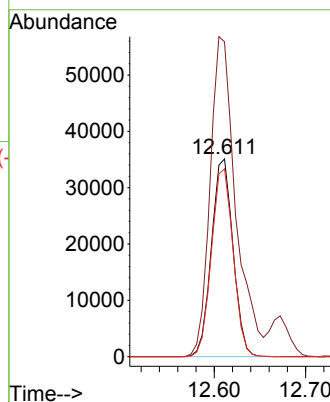
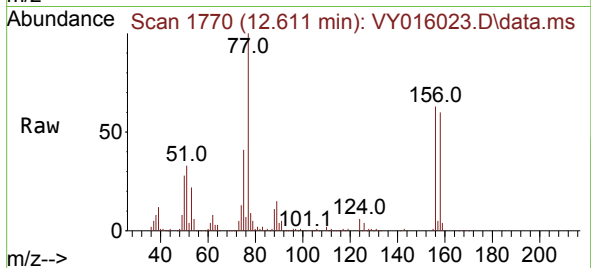
Tgt Ion:156 Resp: 57503

Ion Ratio Lower Upper

156 100

77 192.2 92.8 278.6

158 95.4 48.4 145.3



#78

n-propylbenzene

Concen: 18.854 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY016023.D

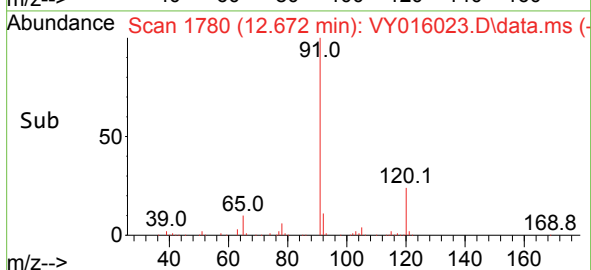
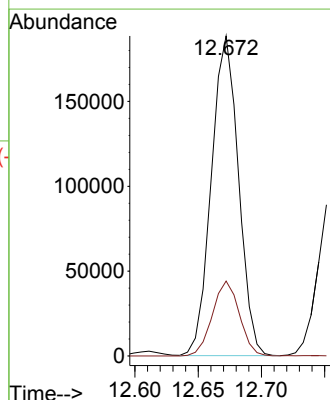
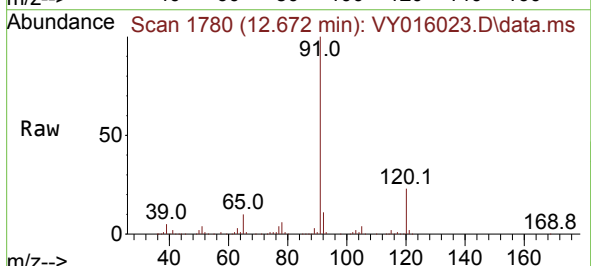
Acq: 18 Oct 2023 16:26

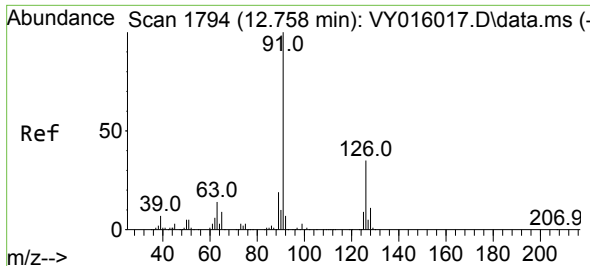
Tgt Ion: 91 Resp: 281071

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

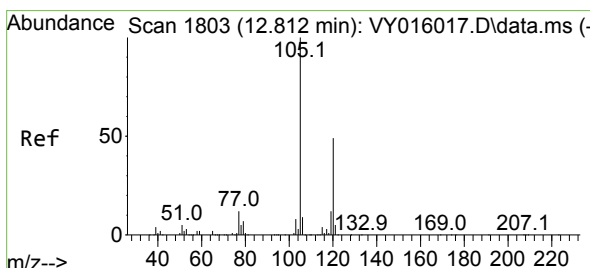
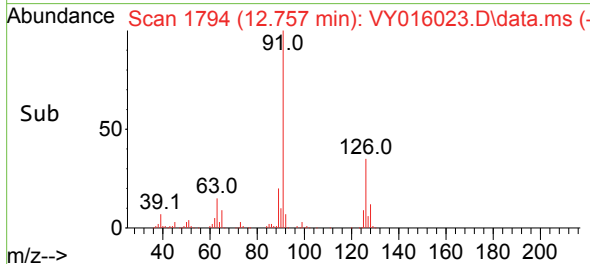
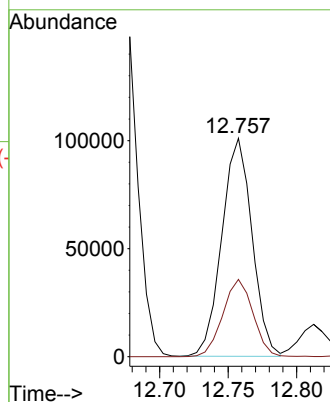
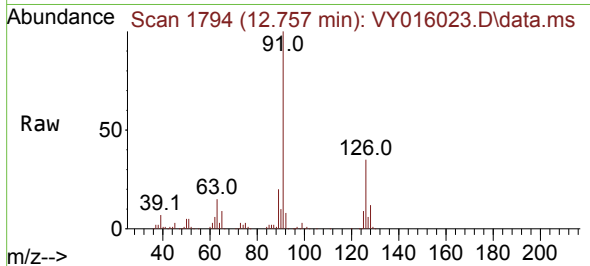




#79
2-Chlorotoluene
Concen: 18.554 ug/l
RT: 12.757 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

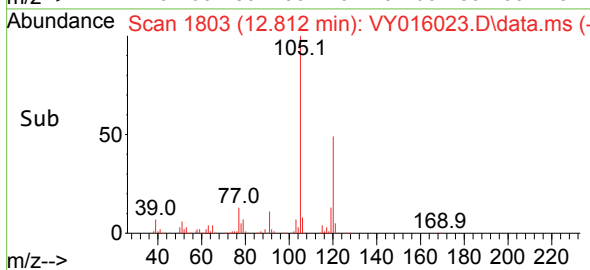
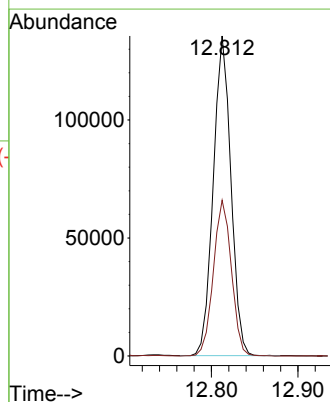
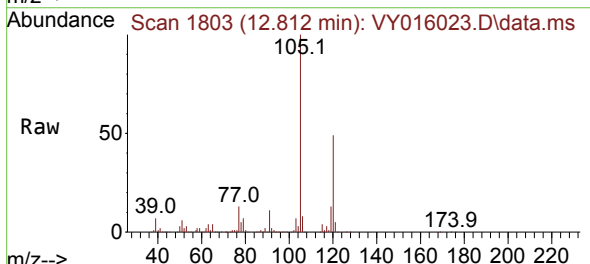
Instrument :
MSVOA_Y
ClientSampleId :

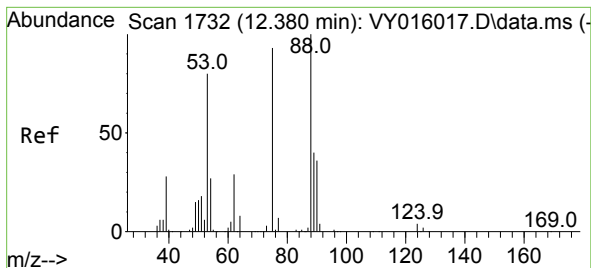
Tgt Ion: 91 Resp: 155255
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 18.719 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Tgt Ion:105 Resp: 191901
Ion Ratio Lower Upper
105 100
120 49.8 23.9 71.7

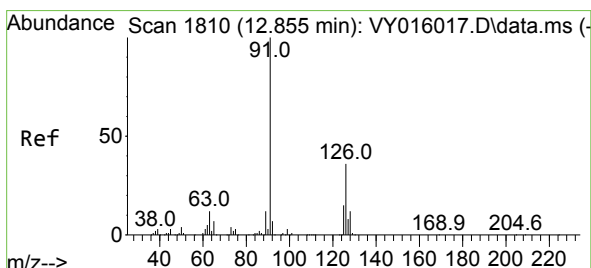
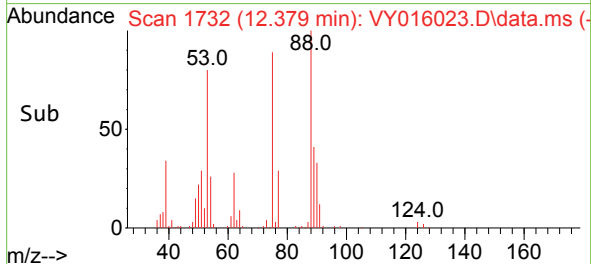
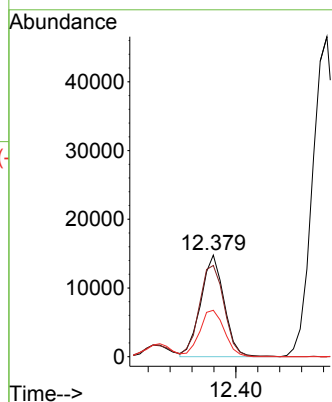
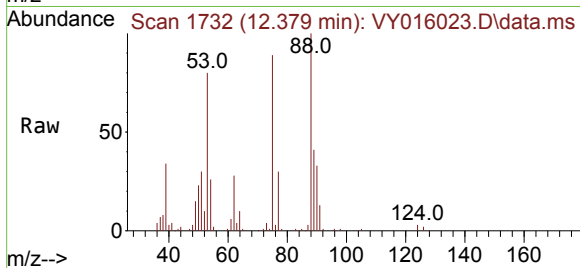




#81
trans-1,4-Dichloro-2-butene
Concen: 20.345 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

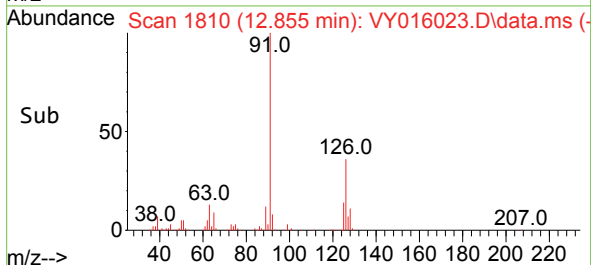
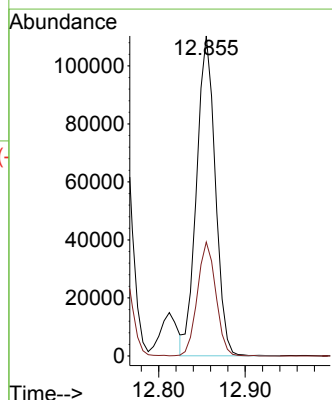
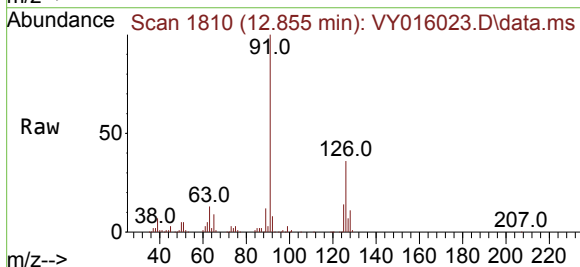
Instrument :
MSVOA_Y
ClientSampleId :

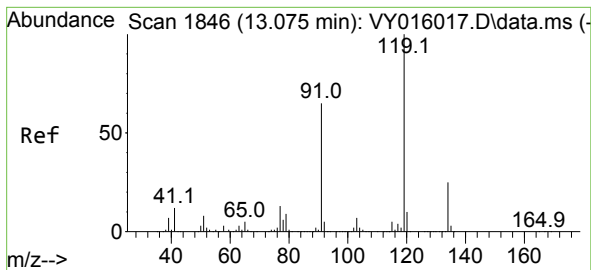
Tgt Ion: 75 Resp: 21835
Ion Ratio Lower Upper
75 100
53 96.2 77.8 116.8
89 48.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 18.920 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY016023.D
Acq: 18 Oct 2023 16:26

Tgt Ion: 91 Resp: 165232
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 18.746 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

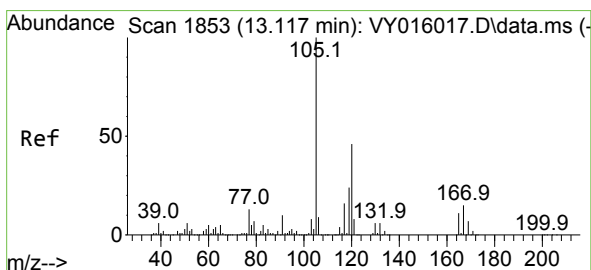
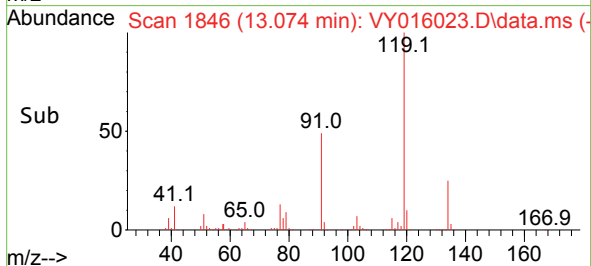
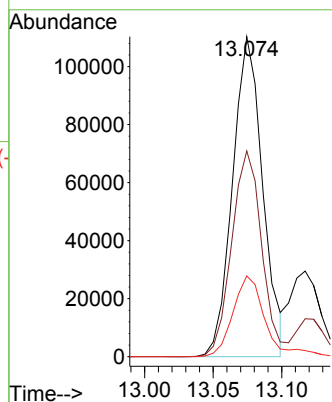
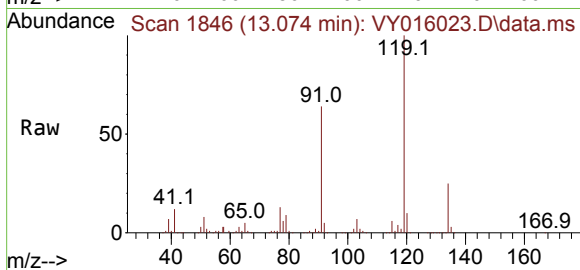
Tgt Ion:119 Resp: 168517

Ion Ratio Lower Upper

119 100

91 64.7 32.9 98.6

134 27.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.041 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY016023.D

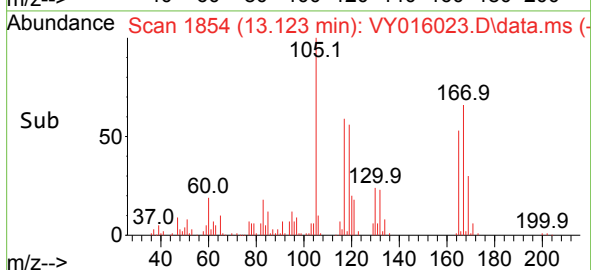
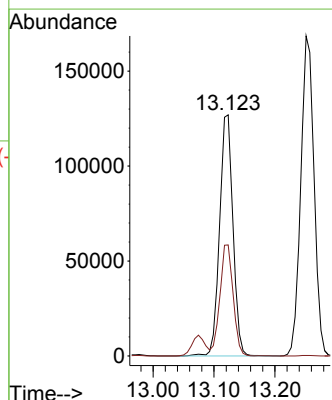
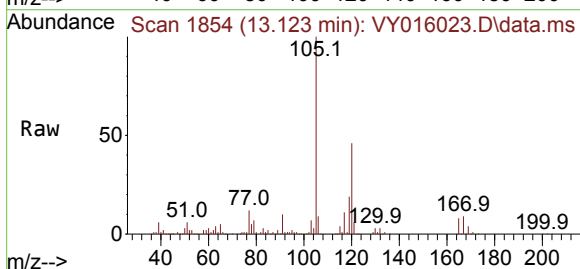
Acq: 18 Oct 2023 16:26

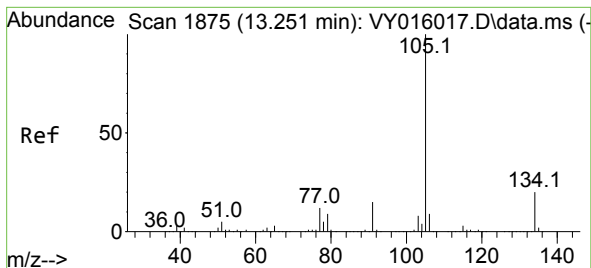
Tgt Ion:105 Resp: 193840

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 18.960 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Instrument :

MSVOA_Y

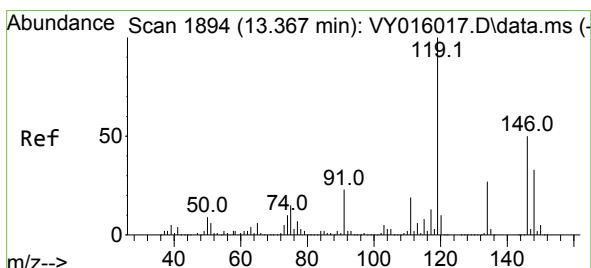
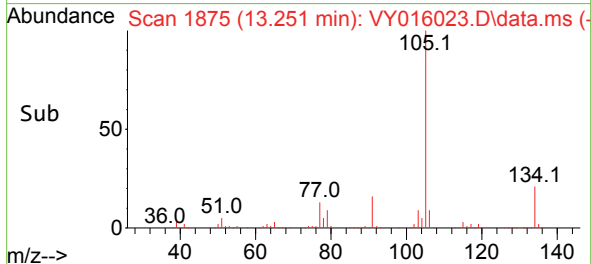
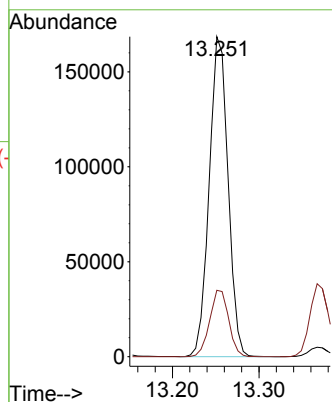
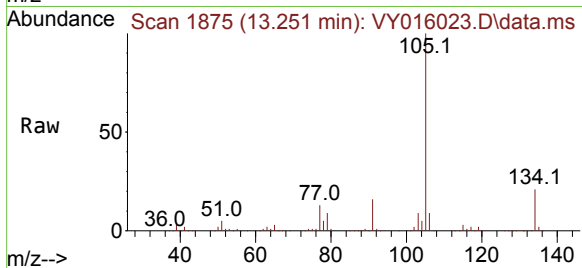
ClientSampleId :

Tgt Ion:105 Resp: 254548

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.024 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

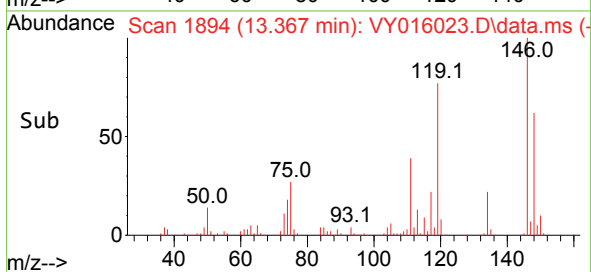
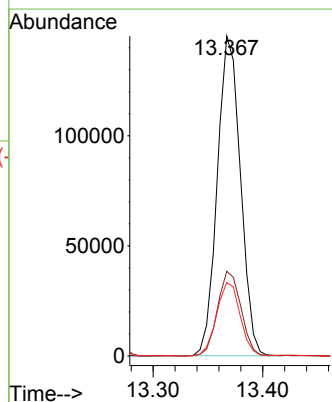
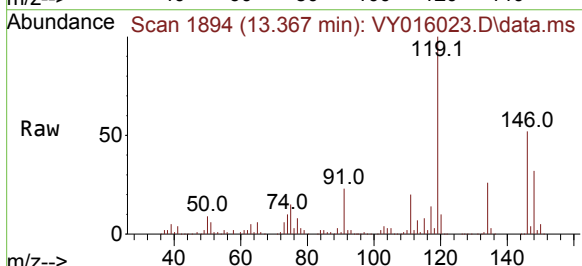
Tgt Ion:119 Resp: 213441

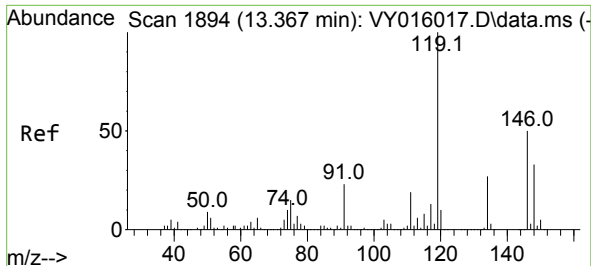
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 23.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.274 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

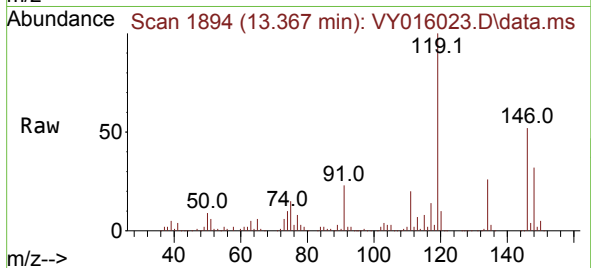
Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :



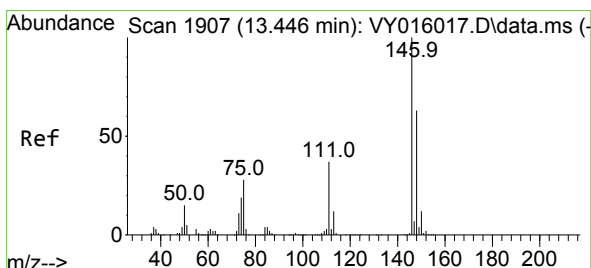
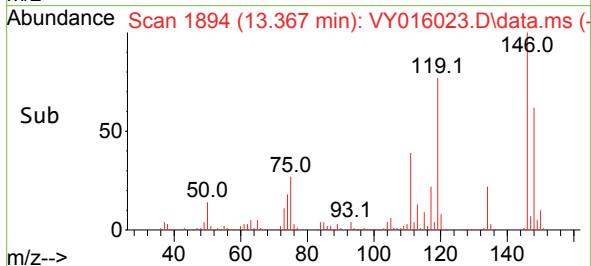
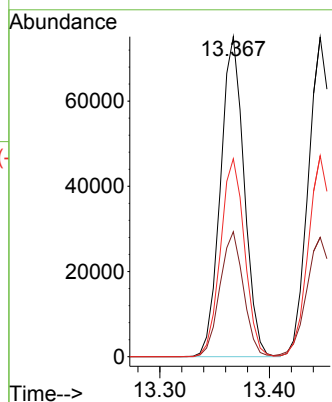
Tgt Ion:146 Resp: 112659

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

148 62.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.286 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

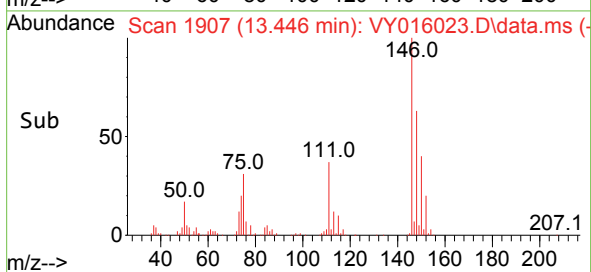
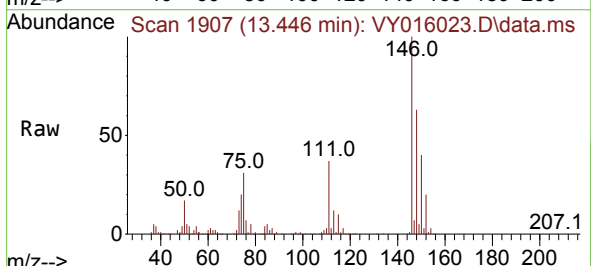
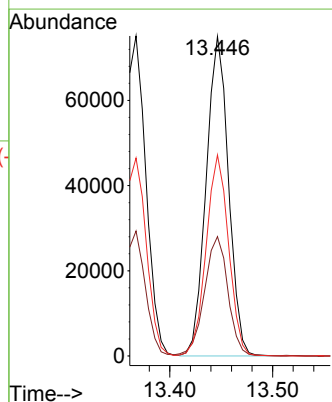
Tgt Ion:146 Resp: 113496

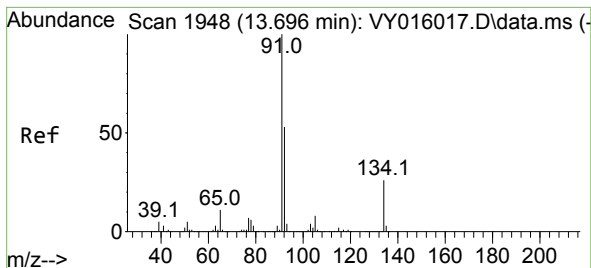
Ion Ratio Lower Upper

146 100

111 39.2 18.9 56.7

148 63.3 32.1 96.5





#89

n-Butylbenzene

Concen: 19.031 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

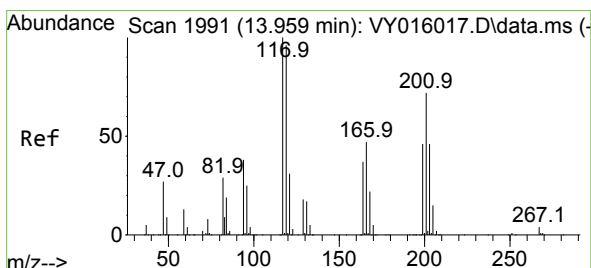
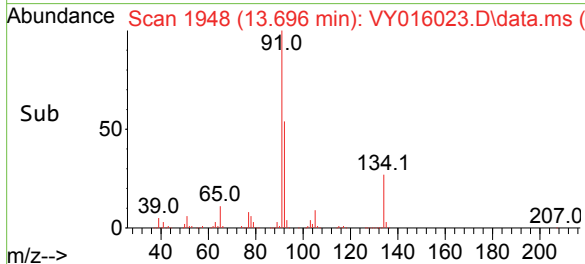
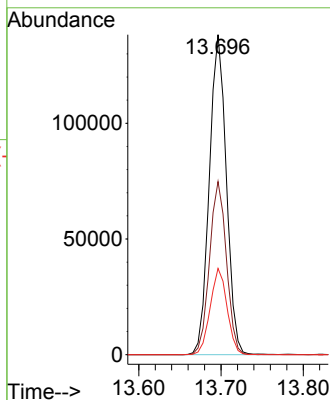
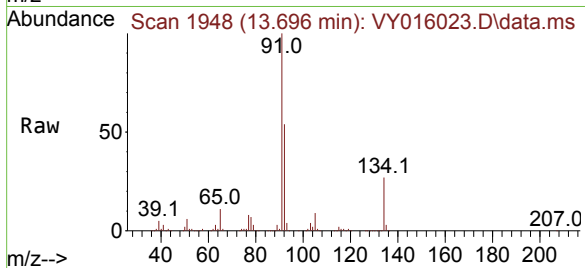
Tgt Ion: 91 Resp: 198779

Ion Ratio Lower Upper

91 100

92 53.8 25.4 76.0

134 26.8 12.6 37.6



#90

Hexachloroethane

Concen: 18.846 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY016023.D

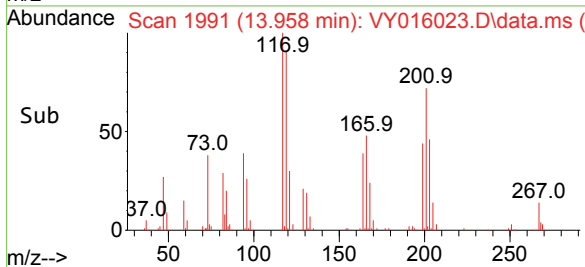
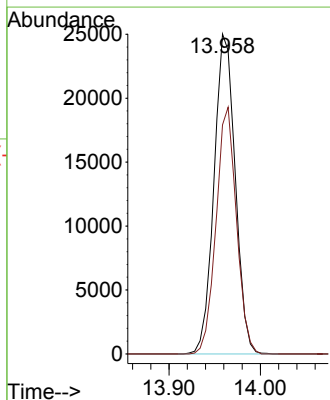
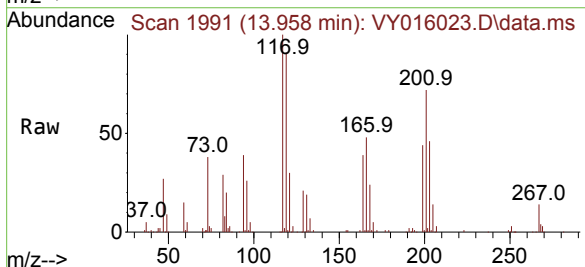
Acq: 18 Oct 2023 16:26

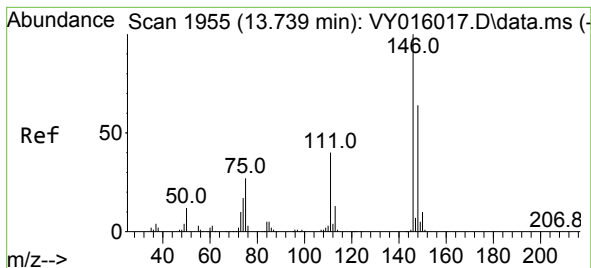
Tgt Ion: 117 Resp: 40308

Ion Ratio Lower Upper

117 100

201 74.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 19.435 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

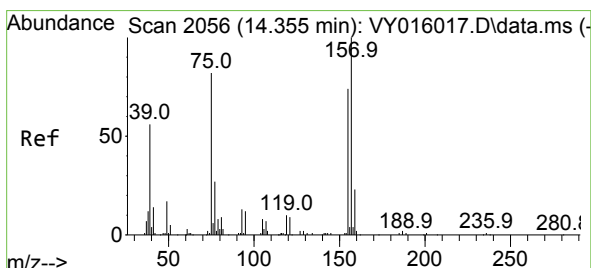
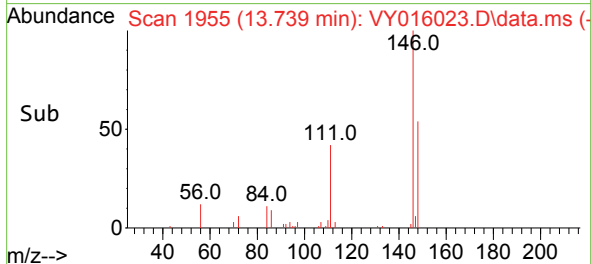
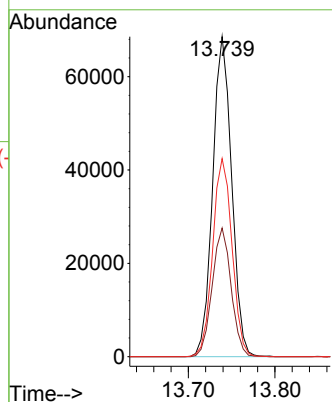
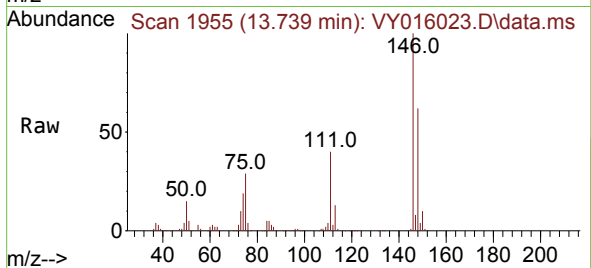
Tgt Ion:146 Resp: 104296

Ion Ratio Lower Upper

146 100

111 40.2 19.7 59.0

148 63.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.698 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

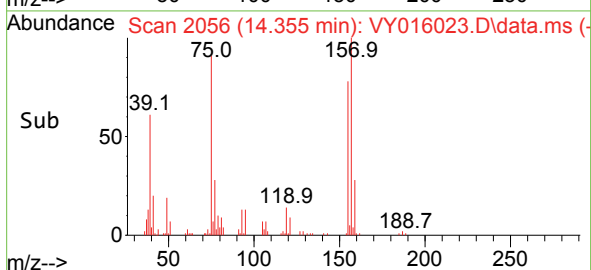
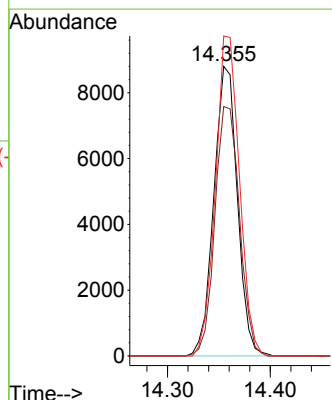
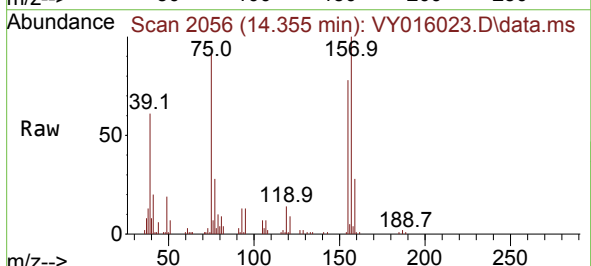
Tgt Ion: 75 Resp: 13984

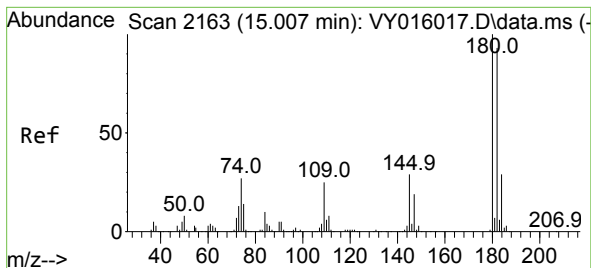
Ion Ratio Lower Upper

75 100

155 90.0 41.5 124.6

157 112.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.041 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

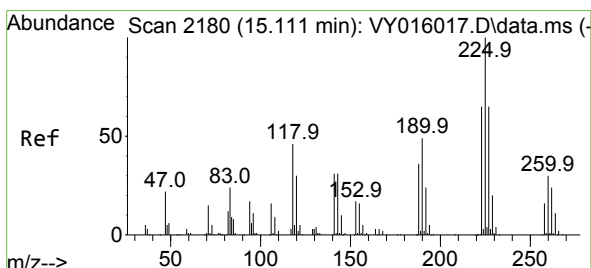
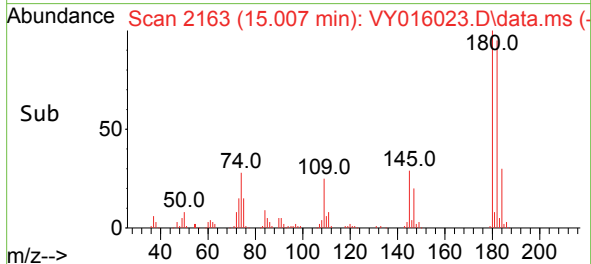
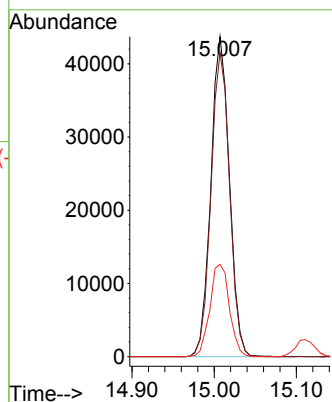
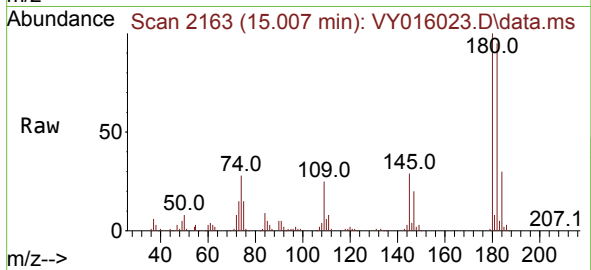
Tgt Ion:180 Resp: 68515

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.953 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

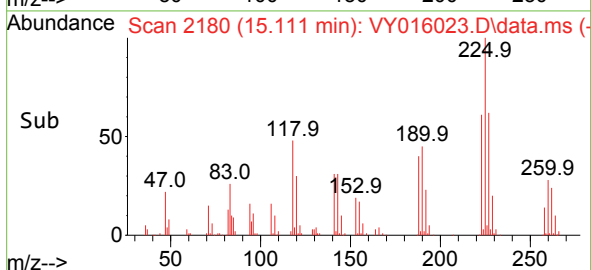
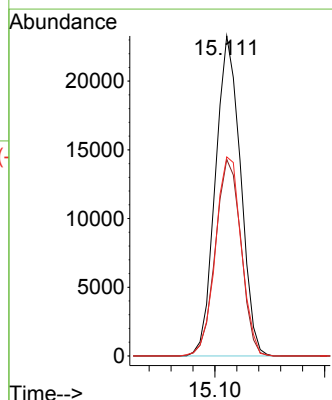
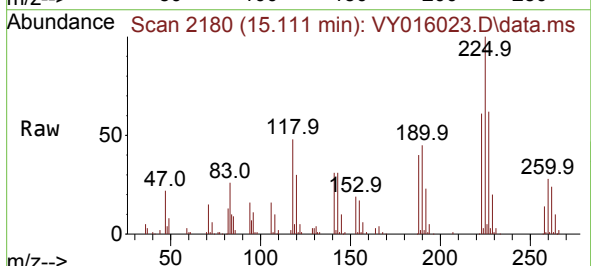
Tgt Ion:225 Resp: 37050

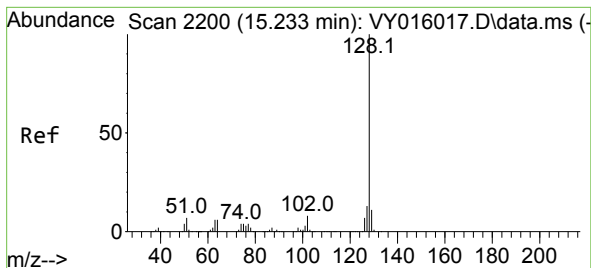
Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.9

227 64.0 33.0 98.9





#95

Naphthalene

Concen: 22.355 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

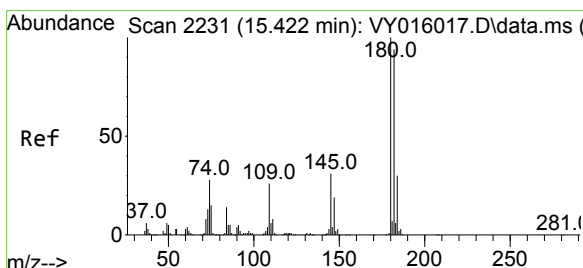
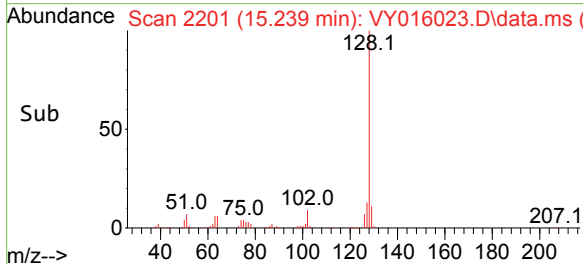
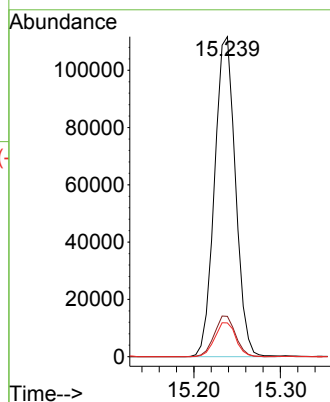
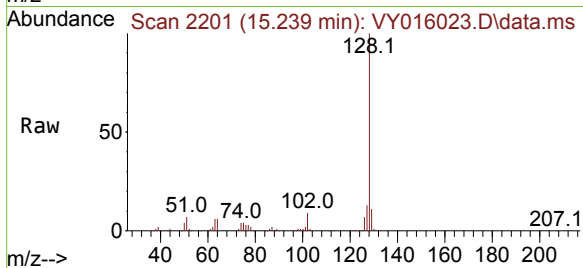
Tgt Ion:128 Resp: 187585

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.316 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY016023.D

Acq: 18 Oct 2023 16:26

Tgt Ion:180 Resp: 63440

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.8

145 32.4 15.4 46.2

