

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112023\
 Data File : VY016423.D
 Acq On : 20 Nov 2023 14:31
 Operator : SY/MD
 Sample : VY1120SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 05:12:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	140241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	229407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	204180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	99941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	71280	55.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.220%
35) Dibromofluoromethane	7.728	113	75565	57.985	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.980%
50) Toluene-d8	10.191	98	286588	54.230	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.460%
62) 4-Bromofluorobenzene	12.496	95	96390	56.159	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.320%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	26771	19.495	ug/l	96
3) Chloromethane	2.119	50	29633	18.426	ug/l	99
4) Vinyl Chloride	2.260	62	30165	17.443	ug/l	97
5) Bromomethane	2.656	94	18792	16.535	ug/l	95
6) Chloroethane	2.802	64	19789	17.933	ug/l	95
7) Trichlorofluoromethane	3.137	101	50875	20.221	ug/l	98
8) Diethyl Ether	3.534	74	16353	21.747	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.906	101	30700	20.259	ug/l	97
10) Methyl Iodide	4.107	142	31113	19.010	ug/l	98
11) Tert butyl alcohol	4.960	59	10571	105.319	ug/l #	82
12) 1,1-Dichloroethene	3.881	96	27659	19.517	ug/l	87
13) Acrolein	3.741	56	10575	87.350	ug/l	98
14) Allyl chloride	4.485	41	37812	18.802	ug/l #	90
15) Acrylonitrile	5.174	53	33940	113.735	ug/l	96
16) Acetone	3.954	43	33430	157.676	ug/l #	87
17) Carbon Disulfide	4.210	76	70948	16.592	ug/l	99
18) Methyl Acetate	4.485	43	25711	22.822	ug/l #	87
19) Methyl tert-butyl Ether	5.235	73	74673	21.770	ug/l	97
20) Methylene Chloride	4.729	84	75693	50.577	ug/l	85
21) trans-1,2-Dichloroethene	5.235	96	32030	19.630	ug/l	94
22) Diisopropyl ether	6.131	45	88081	20.323	ug/l #	86
23) Vinyl Acetate	6.070	43	210071	100.030	ug/l #	89
24) 1,1-Dichloroethane	6.027	63	55490	20.753	ug/l	95
25) 2-Butanone	6.997	43	48328	130.139	ug/l #	82
26) 2,2-Dichloropropane	6.997	77	50011	20.551	ug/l	97
27) cis-1,2-Dichloroethene	6.997	96	37889	21.546	ug/l	88
28) Bromochloromethane	7.344	49	20915	21.135	ug/l	83
29) Tetrahydrofuran	7.362	42	25885	105.457	ug/l #	85
30) Chloroform	7.515	83	60890	21.878	ug/l	99
31) Cyclohexane	7.801	56	44095	17.473	ug/l	85
32) 1,1,1-Trichloroethane	7.716	97	54329	21.295	ug/l	97
36) 1,1-Dichloropropene	7.929	75	43540	19.241	ug/l	98
37) Ethyl Acetate	7.088	43	19203	21.003	ug/l #	93
38) Carbon Tetrachloride	7.911	117	50176	21.365	ug/l	99
39) Methylcyclohexane	9.197	83	49955	17.717	ug/l	92
40) Benzene	8.167	78	131185	20.634	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	10779	23.382	ug/l #	84
42) 1,2-Dichloroethane	8.246	62	35710	21.678	ug/l	94
43) Isopropyl Acetate	8.283	43	36051	20.399	ug/l #	87
44) Trichloroethene	8.953	130	38382	21.006	ug/l	92
45) 1,2-Dichloropropane	9.228	63	31687	20.754	ug/l	97
46) Dibromomethane	9.319	93	18796	22.717	ug/l	89
47) Bromodichloromethane	9.508	83	46506	21.863	ug/l	97
48) Methyl methacrylate	9.301	41	19289	19.748	ug/l #	80
49) 1,4-Dioxane	9.313	88	3372	383.882	ug/l #	53
51) 4-Methyl-2-Pentanone	10.081	43	95233	106.561	ug/l	89
52) Toluene	10.258	92	83478	20.772	ug/l	94
53) t-1,3-Dichloropropene	10.478	75	44479	21.570	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	52243	21.212	ug/l #	86
55) 1,1,2-Trichloroethane	10.654	97	26188	22.964	ug/l	97
56) Ethyl methacrylate	10.520	69	23225	21.575	ug/l #	80
57) 1,3-Dichloropropane	10.801	76	43327	22.289	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	74167	101.607	ug/l	90
59) 2-Hexanone	10.843	43	80393	120.937	ug/l	86
60) Dibromochloromethane	10.996	129	33824	23.716	ug/l	100
61) 1,2-Dibromoethane	11.099	107	24843	22.866	ug/l	97
64) Tetrachloroethene	10.728	164	38577	21.042	ug/l	98
65) Chlorobenzene	11.526	112	92046	21.100	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	35871	22.294	ug/l	98
67) Ethyl Benzene	11.605	91	160168	20.430	ug/l	97
68) m/p-Xylenes	11.715	106	122380	41.156	ug/l	95
69) o-Xylene	12.038	106	58167	21.068	ug/l	96
70) Styrene	12.057	104	85771	21.696	ug/l	97
71) Bromoform	12.221	173	19354	23.182	ug/l #	99
73) Isopropylbenzene	12.343	105	156577	19.347	ug/l	98
74) N-amyl acetate	12.154	43	29909	18.399	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.593	83	28161	21.685	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	36442	38.011	ug/l #	100
77) Bromobenzene	12.624	156	38103	20.831	ug/l	93
78) n-propylbenzene	12.685	91	184172	19.256	ug/l	99
79) 2-Chlorotoluene	12.770	91	104724	19.869	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	129651	19.870	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	8988	20.349	ug/l	92
82) 4-Chlorotoluene	12.867	91	109035	20.020	ug/l	98
83) tert-Butylbenzene	13.087	119	113810	19.802	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	128851	20.055	ug/l	99
85) sec-Butylbenzene	13.264	105	163262	19.884	ug/l	100
86) p-Isopropyltoluene	13.380	119	140982	19.941	ug/l	98
87) 1,3-Dichlorobenzene	13.380	146	71984	20.456	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	71790	20.875	ug/l	99
89) n-Butylbenzene	13.709	91	126502	19.375	ug/l	96
90) Hexachloroethane	13.971	117	27083	19.858	ug/l	94
91) 1,2-Dichlorobenzene	13.751	146	64165	21.279	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4427	21.426	ug/l	90
93) 1,2,4-Trichlorobenzene	15.019	180	36451	20.709	ug/l	99
94) Hexachlorobutadiene	15.123	225	21586	21.406	ug/l	99
95) Naphthalene	15.245	128	67114	21.320	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	30980	21.280	ug/l	98

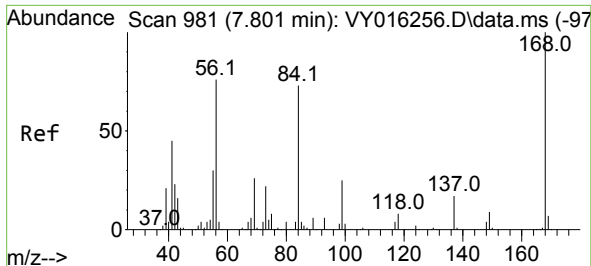
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112023\
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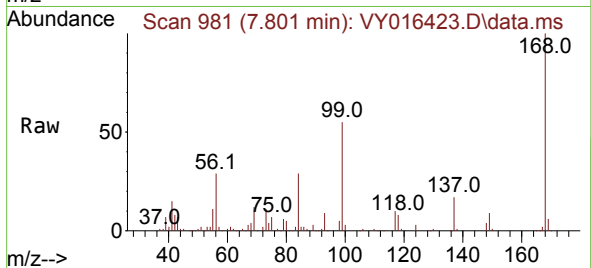
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

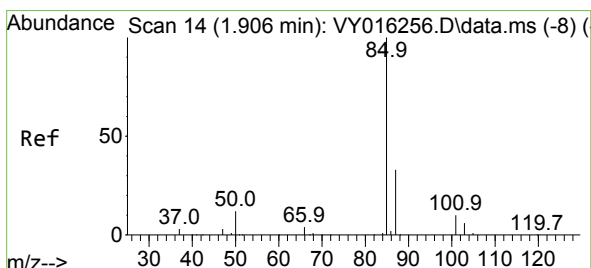
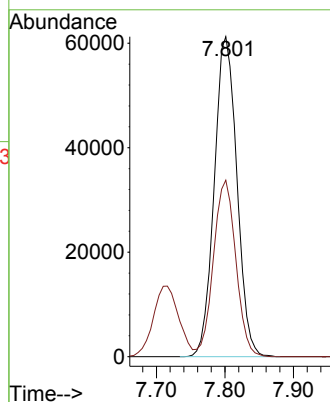
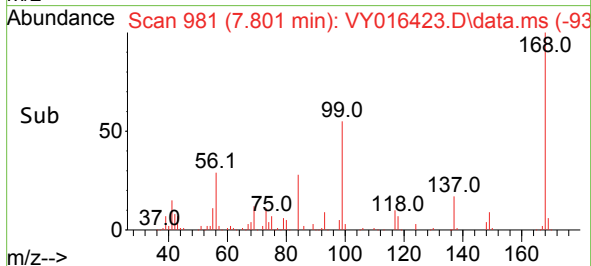


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016423.D
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MSVOA_Y
ClientSampleId :

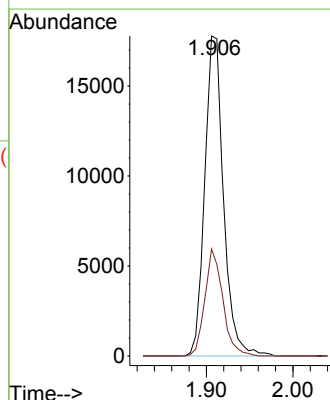
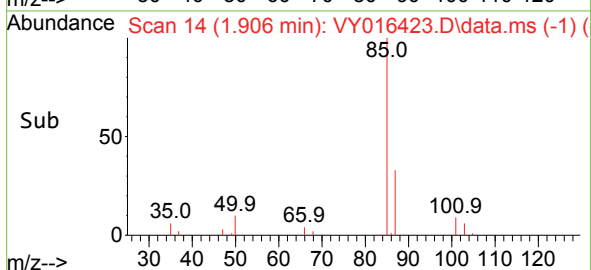
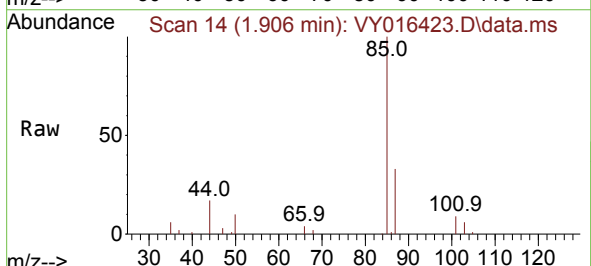


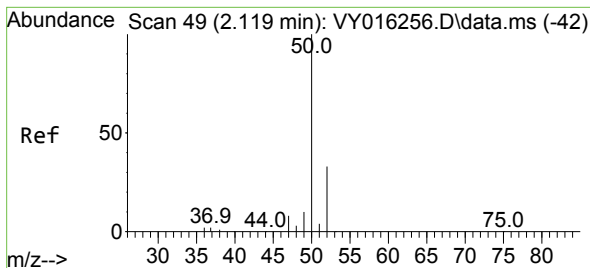
Tgt Ion:168 Resp: 140241
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.495 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 85 Resp: 26771
Ion Ratio Lower Upper
85 100
87 33.4 15.6 46.8





#3

Chloromethane

Concen: 18.426 ug/l

RT: 2.119 min Scan# 49

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

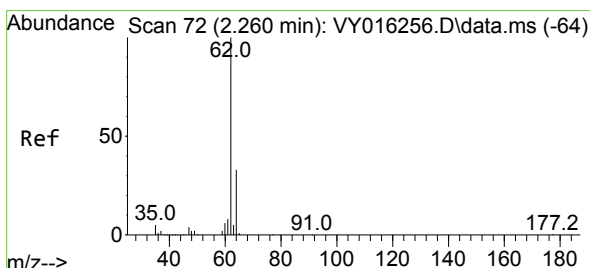
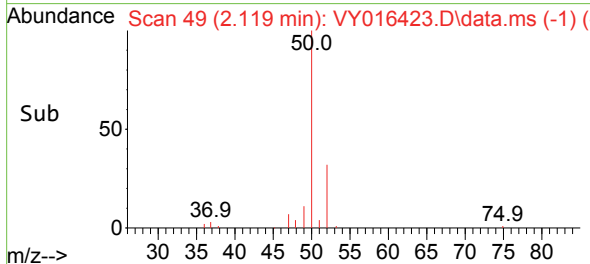
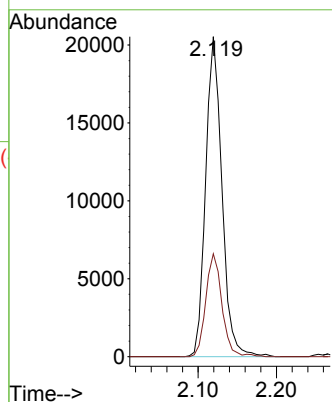
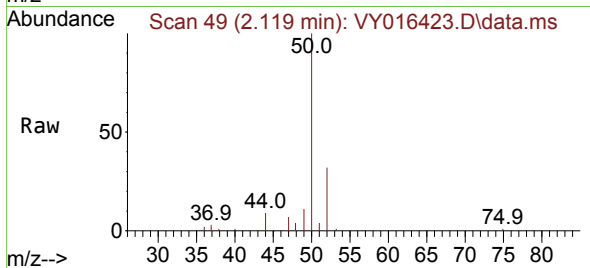
ClientSampleId :

Tgt Ion: 50 Resp: 29633

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 17.443 ug/l

RT: 2.260 min Scan# 72

Delta R.T. -0.000 min

Lab File: VY016423.D

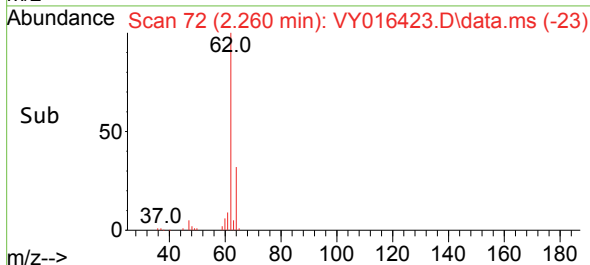
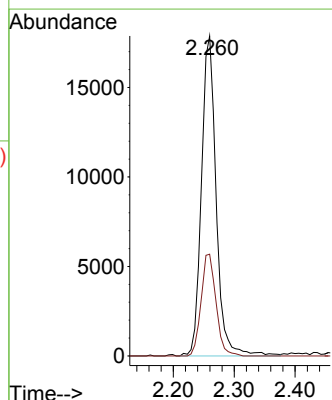
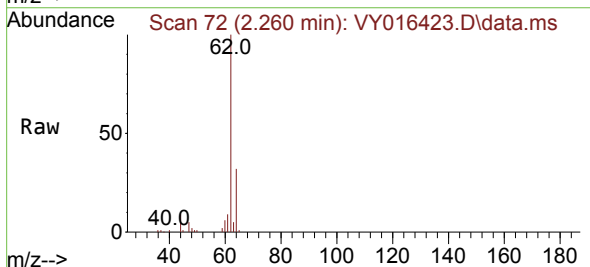
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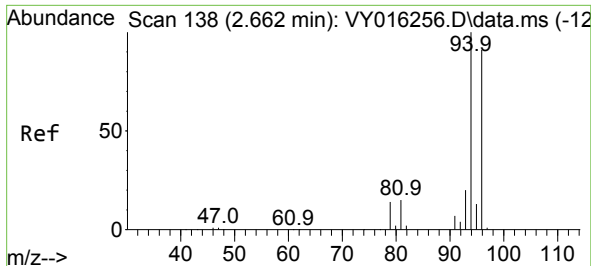
Tgt Ion: 62 Resp: 30165

Ion Ratio Lower Upper

62 100

64 31.8 24.3 36.5

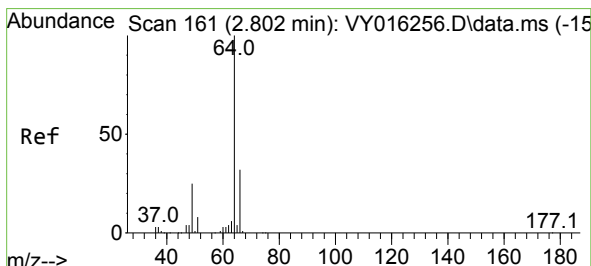
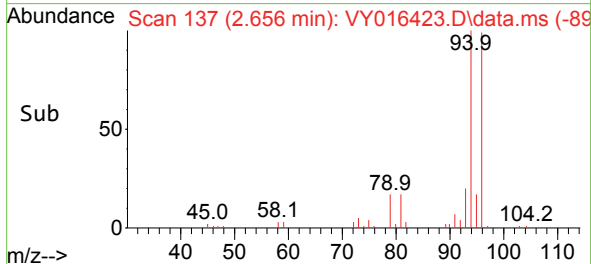
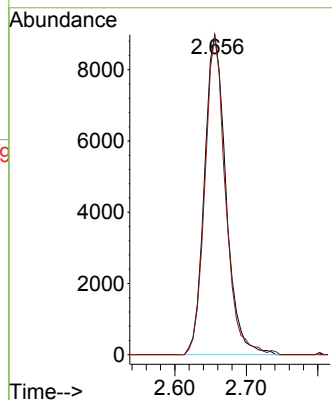
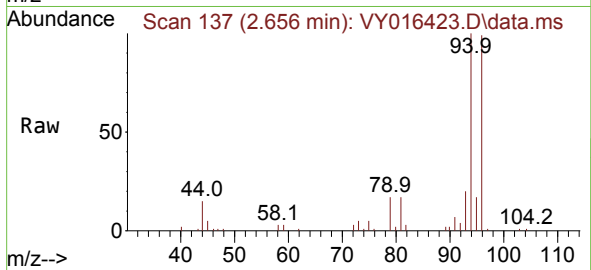




#5
Bromomethane
Concen: 16.535 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

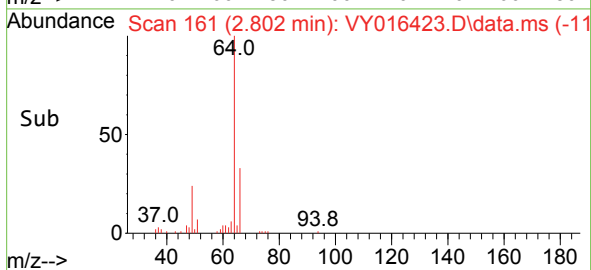
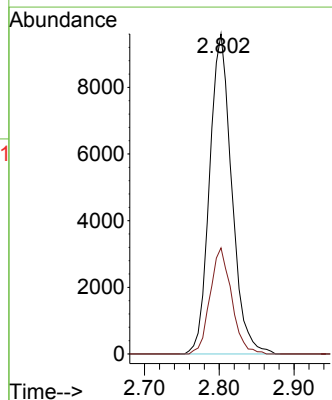
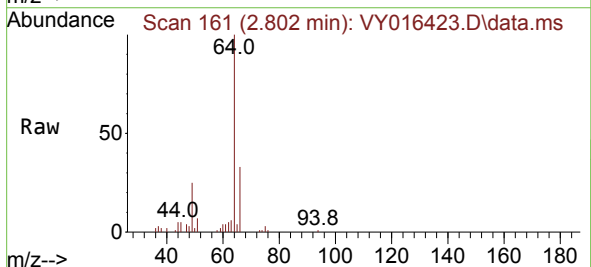
Instrument :
MSVOA_Y
ClientSampleId :

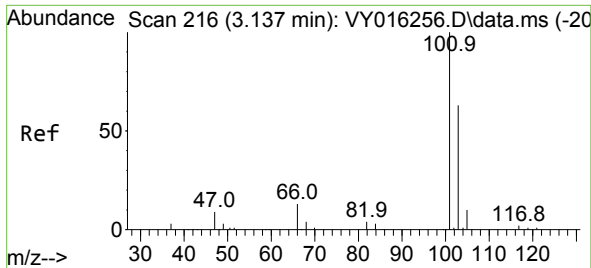
Tgt Ion: 94 Resp: 18792
Ion Ratio Lower Upper
94 100
96 99.3 75.8 113.6



#6
Chloroethane
Concen: 17.933 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

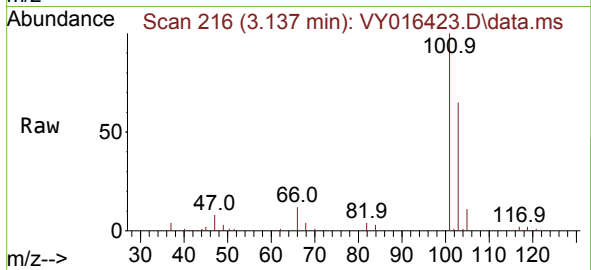
Tgt Ion: 64 Resp: 19789
Ion Ratio Lower Upper
64 100
66 33.2 24.4 36.6



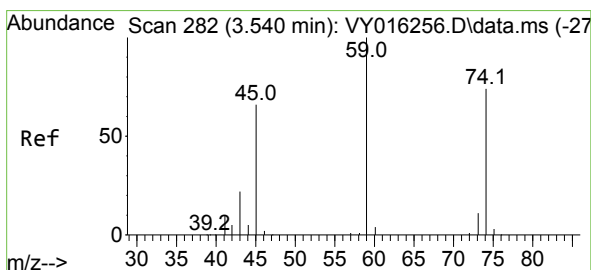
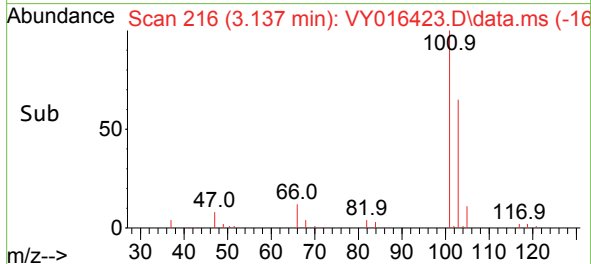
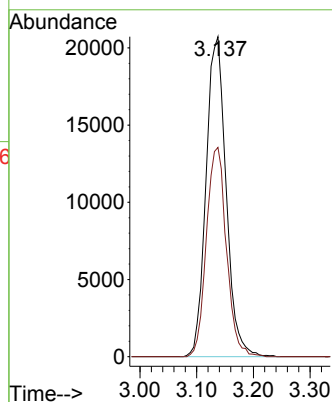


#7
 Trichlorofluoromethane
 Concen: 20.221 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. -0.000 min
 Lab File: VY016423.D
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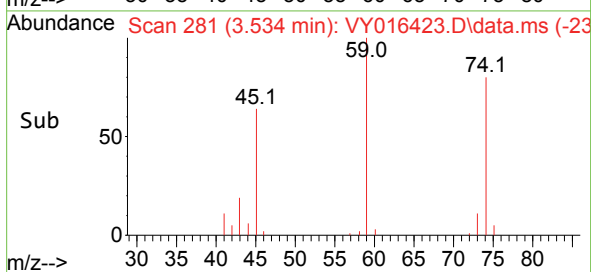
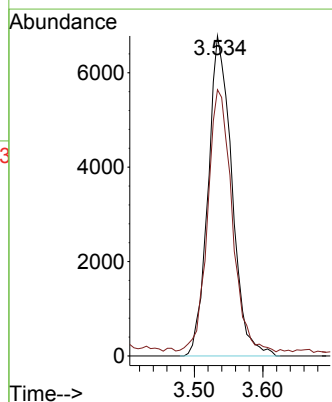
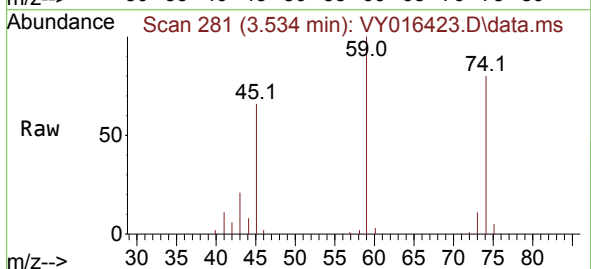


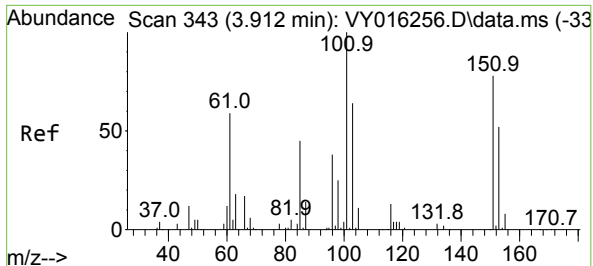
Tgt Ion:101 Resp: 50875
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 21.747 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.006 min
 Lab File: VY016423.D
 Acq: 20 Nov 2023 14:31

Tgt Ion: 74 Resp: 16353
 Ion Ratio Lower Upper
 74 100
 45 83.9 51.5 154.5

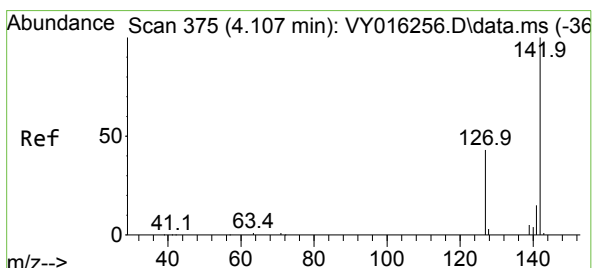
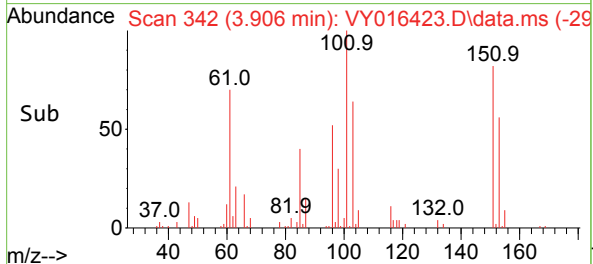
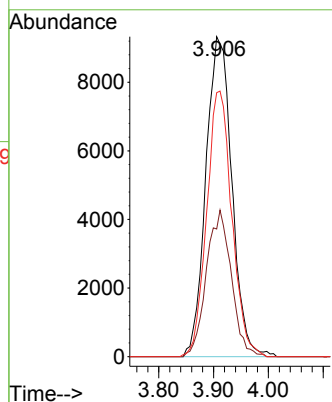
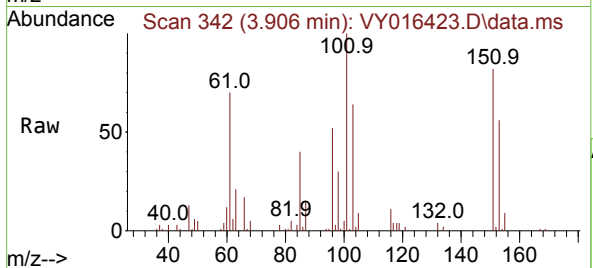




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.259 ug/l
RT: 3.906 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY016423.D
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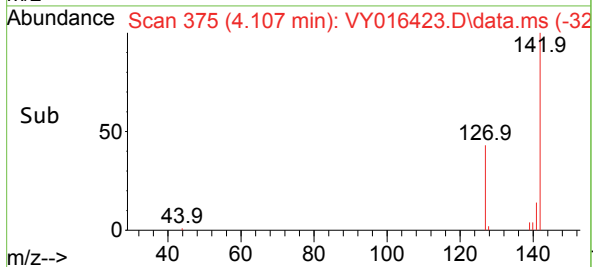
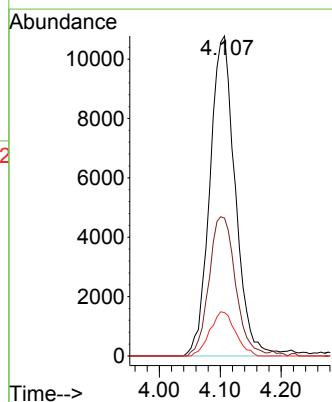
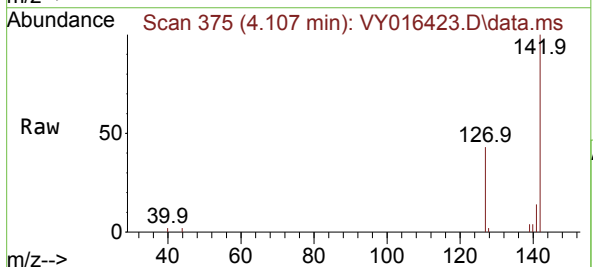
Instrument :
MSVOA_Y
ClientSampleId :

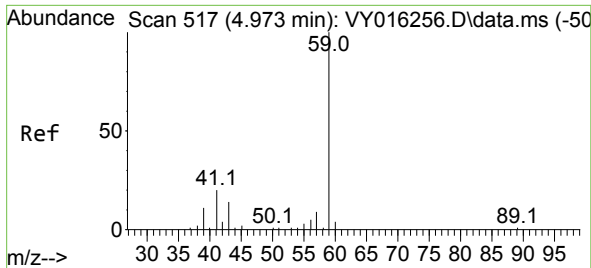
Tgt Ion:101 Resp: 30700
Ion Ratio Lower Upper
101 100
85 43.9 36.6 55.0
151 80.4 67.0 100.6



#10
Methyl Iodide
Concen: 19.010 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion:142 Resp: 31113
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 14.0 11.8 17.8

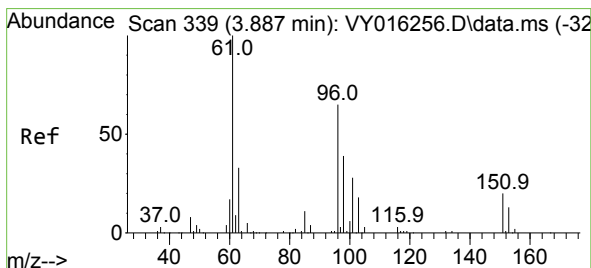
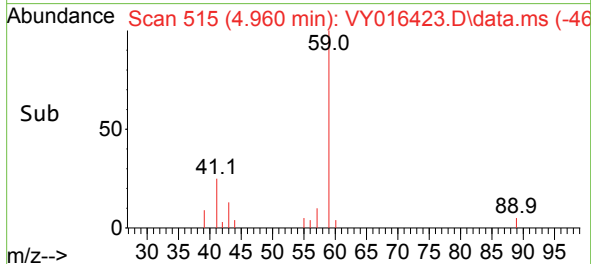
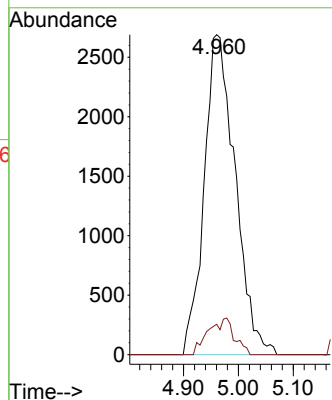
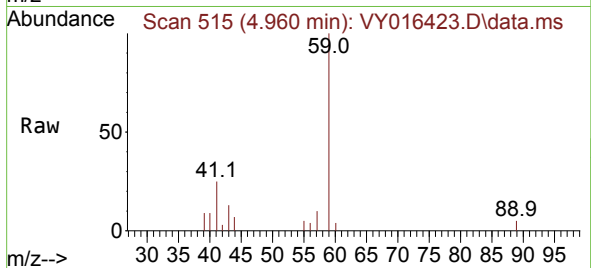




#11
Tert butyl alcohol
Concen: 105.319 ug/l
RT: 4.960 min Scan# 517
Delta R.T. -0.012 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

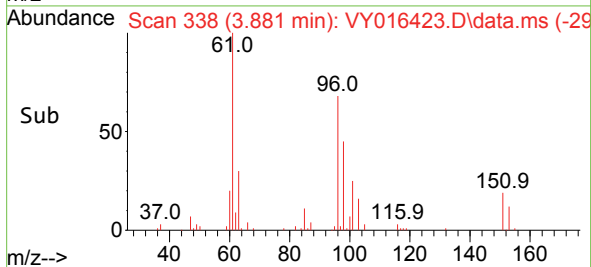
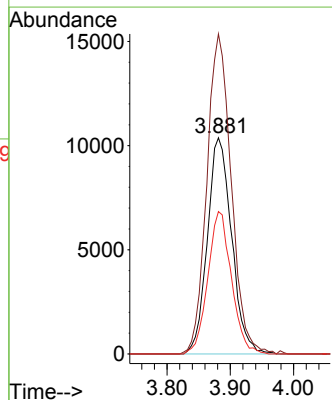
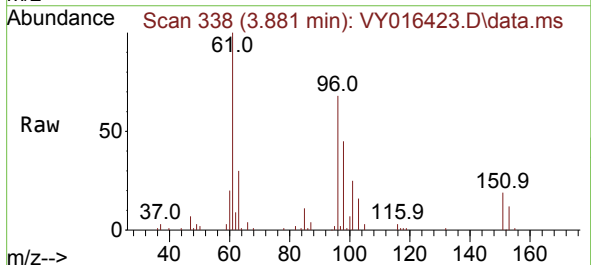
Instrument :
MSVOA_Y
ClientSampleId :

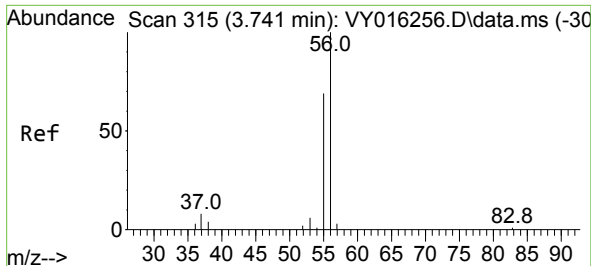
Tgt Ion: 59 Resp: 10571
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.517 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 96 Resp: 27659
Ion Ratio Lower Upper
96 100
61 148.0 136.4 204.6
98 65.9 49.4 74.2

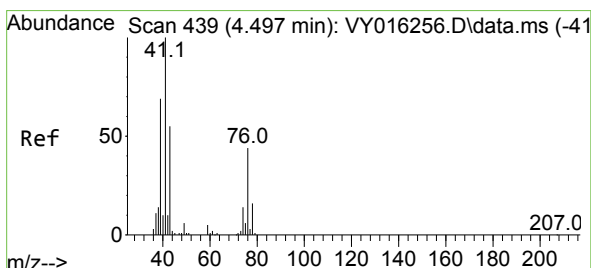
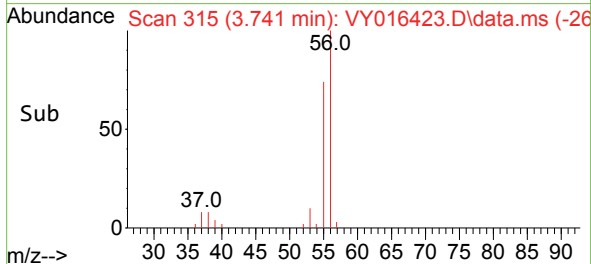
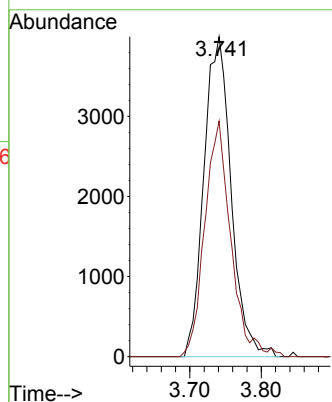
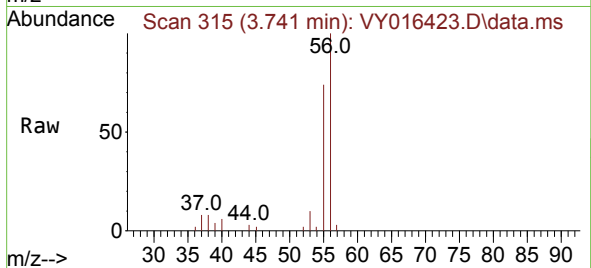




#13
Acrolein
Concen: 87.350 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

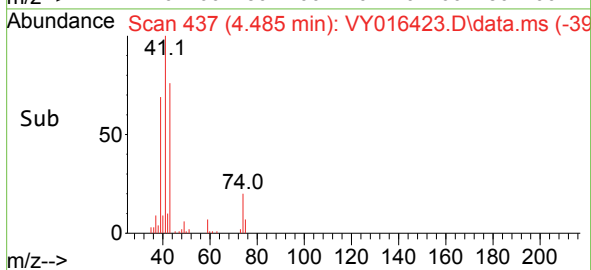
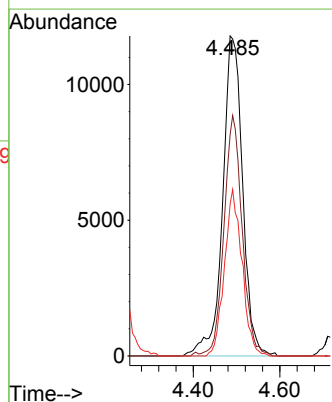
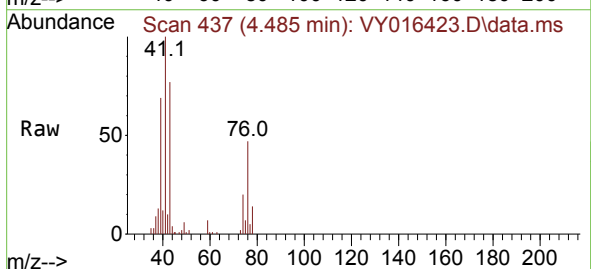
Instrument :
MSVOA_Y
ClientSampleId :

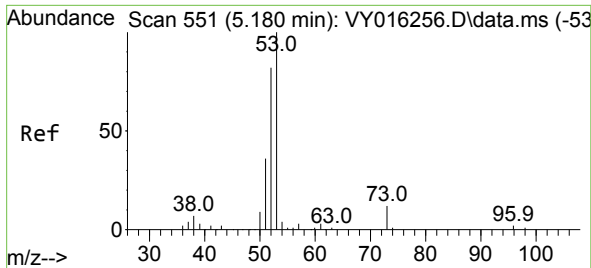
Tgt Ion: 56 Resp: 10575
Ion Ratio Lower Upper
56 100
55 69.8 57.0 85.4



#14
Allyl chloride
Concen: 18.802 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

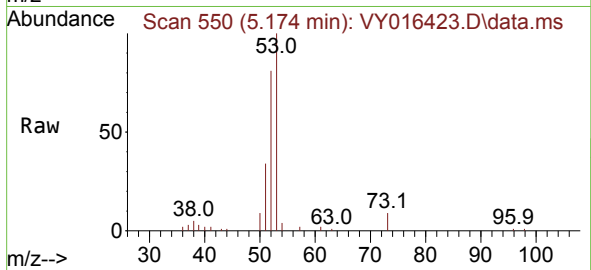
Tgt Ion: 41 Resp: 37812
Ion Ratio Lower Upper
41 100
39 68.6 58.0 87.0
76 45.9 27.4 41.2#



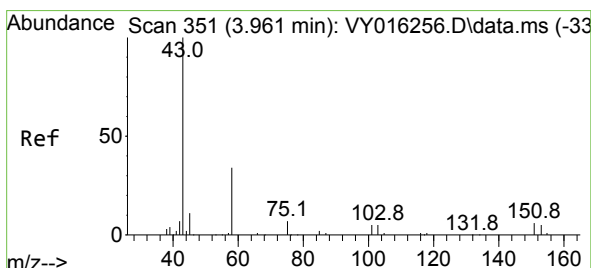
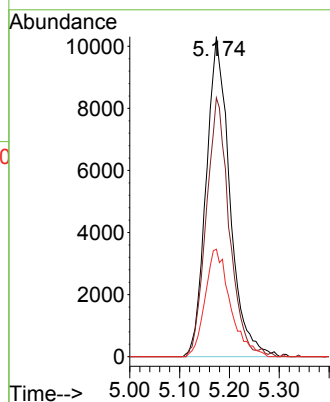
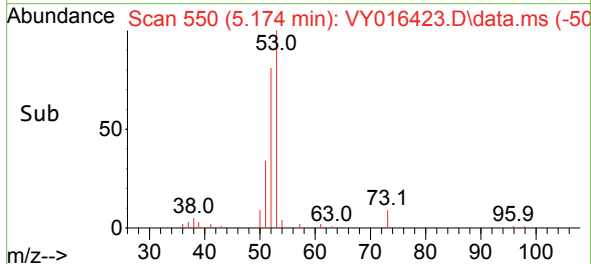


#15
Acrylonitrile
Concen: 113.735 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :

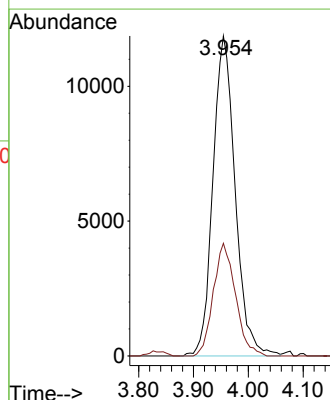
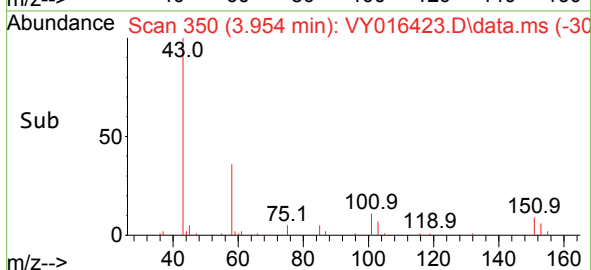
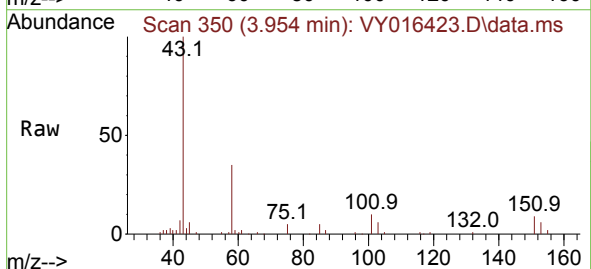


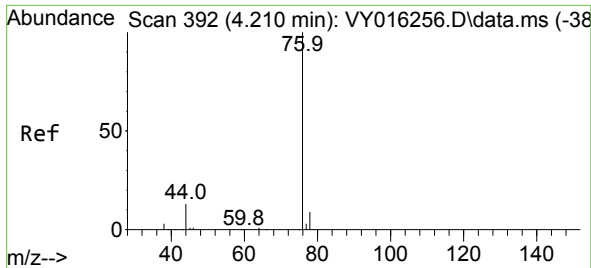
Tgt Ion: 53 Resp: 33940
Ion Ratio Lower Upper
53 100
52 79.0 66.9 100.3
51 36.0 29.8 44.6



#16
Acetone
Concen: 157.676 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 43 Resp: 33430
Ion Ratio Lower Upper
43 100
58 35.2 22.7 34.1#

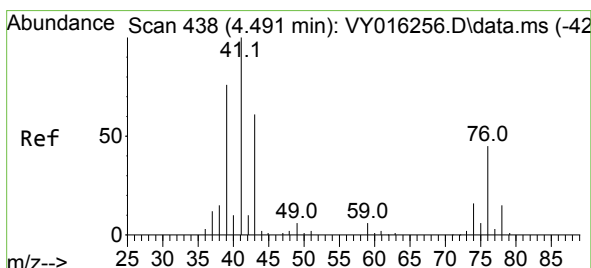
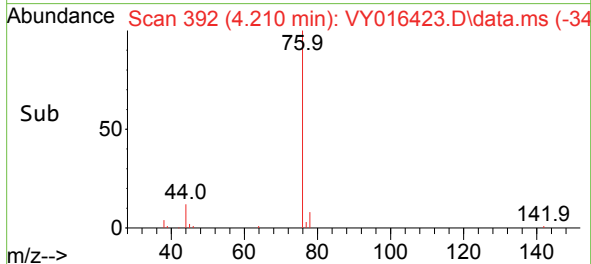
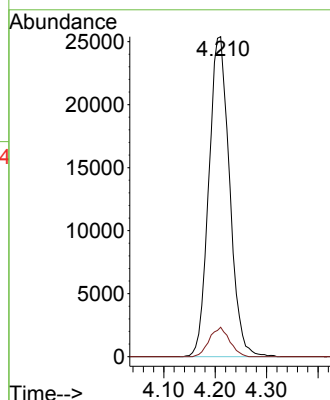
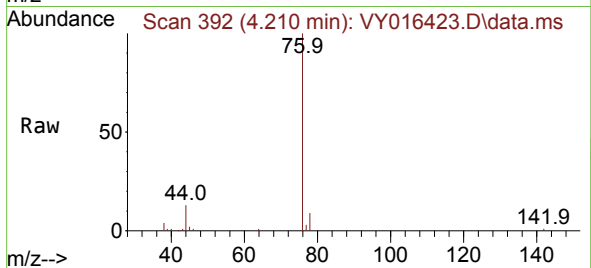




#17
Carbon Disulfide
Concen: 16.592 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

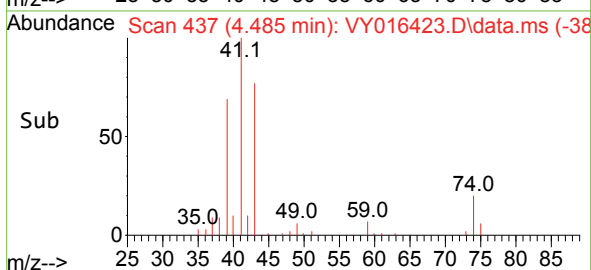
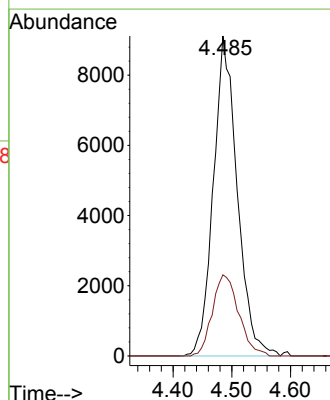
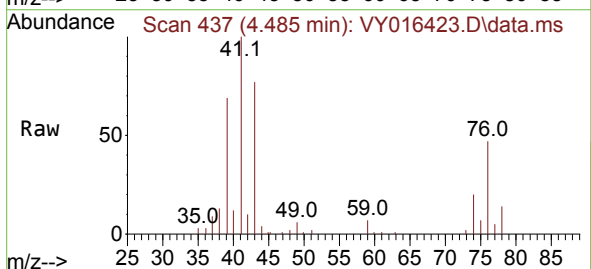
Instrument :
MSVOA_Y
ClientSampleId :

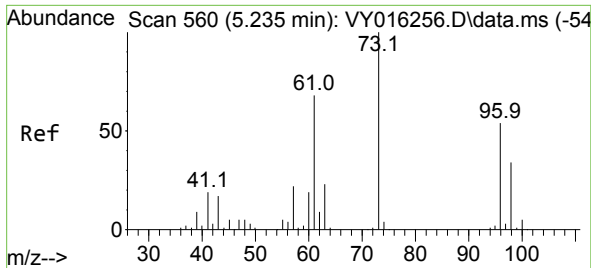
Tgt Ion: 76 Resp: 70948
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 22.822 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 43 Resp: 25711
Ion Ratio Lower Upper
43 100
74 27.9 17.4 26.0#

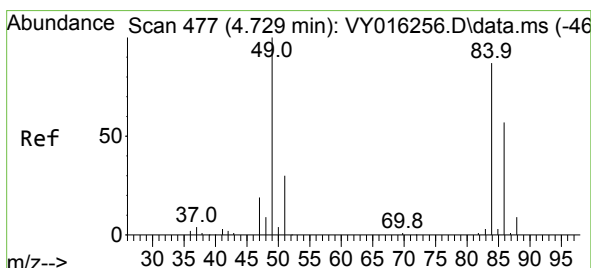
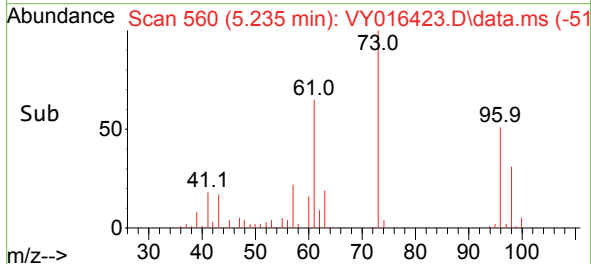
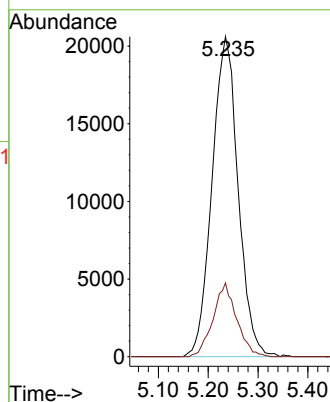
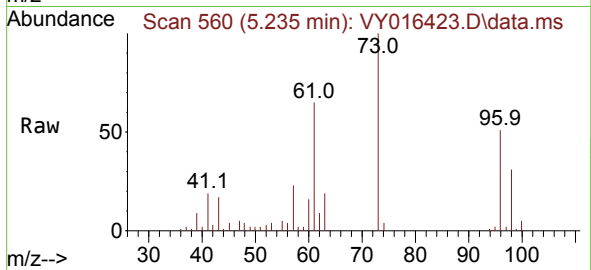




#19
Methyl tert-butyl Ether
Concen: 21.770 ug/l
RT: 5.235 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

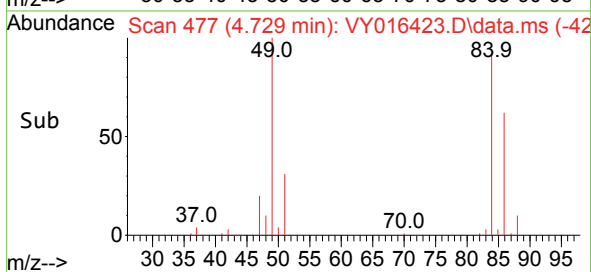
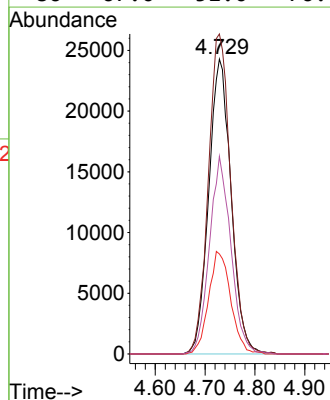
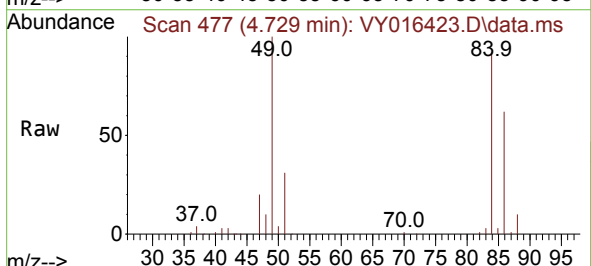
Instrument :
MSVOA_Y
ClientSampleId :

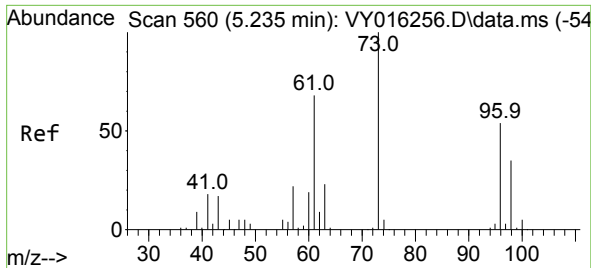
Tgt Ion: 73 Resp: 74673
Ion Ratio Lower Upper
73 100
57 23.0 17.3 25.9



#20
Methylene Chloride
Concen: 50.577 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 84 Resp: 75693
Ion Ratio Lower Upper
84 100
49 108.5 106.9 160.3
51 33.9 33.2 49.8
86 67.0 51.0 76.6

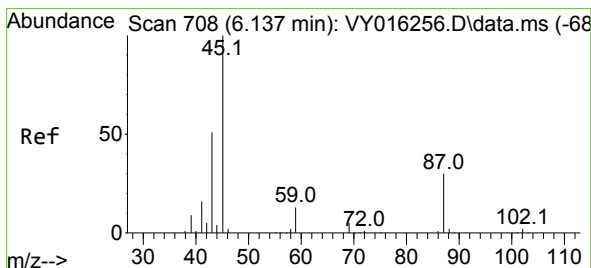
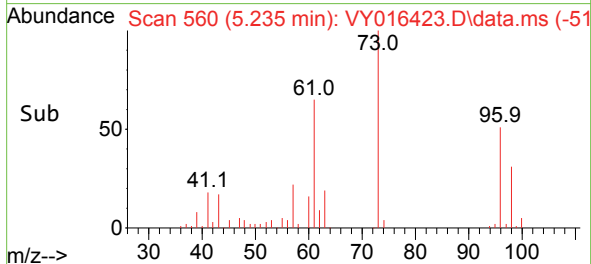
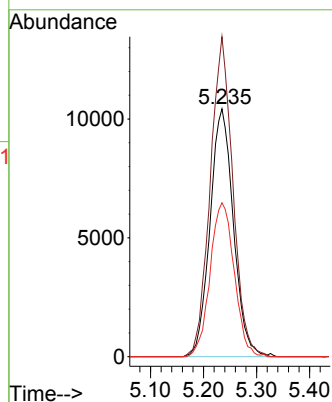
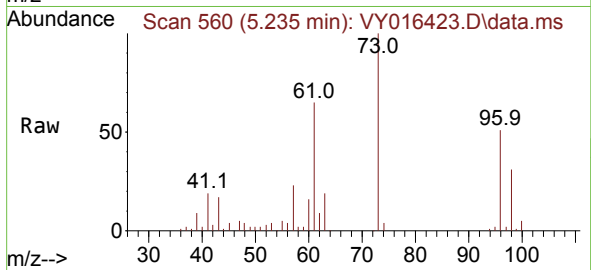




#21
trans-1,2-Dichloroethene
Concen: 19.630 ug/l
RT: 5.235 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

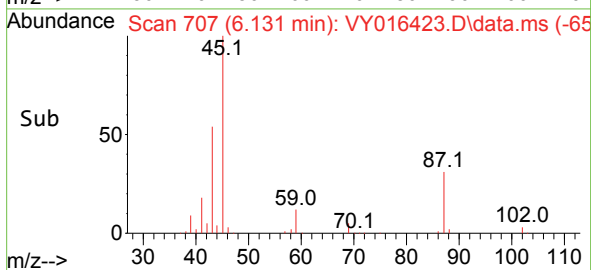
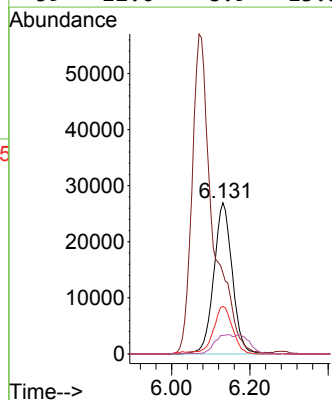
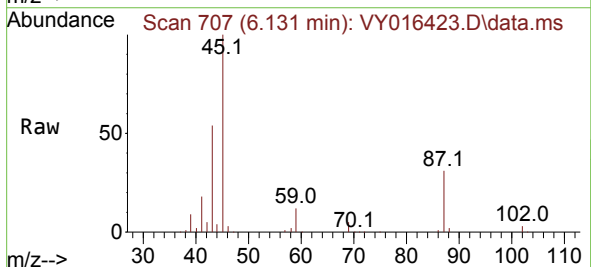
Instrument :
MSVOA_Y
ClientSampleId :

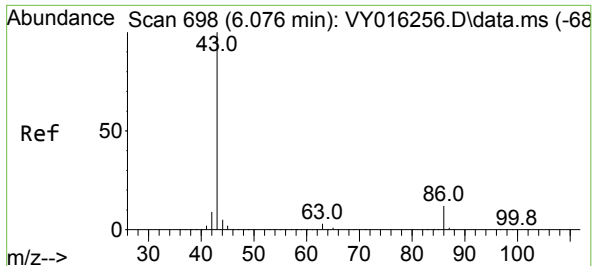
Tgt Ion: 96 Resp: 32030
Ion Ratio Lower Upper
96 100
61 129.1 110.2 165.4
98 62.1 51.8 77.6



#22
Diisopropyl ether
Concen: 20.323 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 45 Resp: 88081
Ion Ratio Lower Upper
45 100
43 51.7 52.2 78.4#
87 31.5 21.0 31.6
59 12.0 8.9 13.3

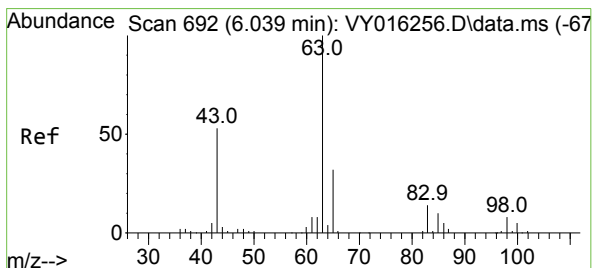
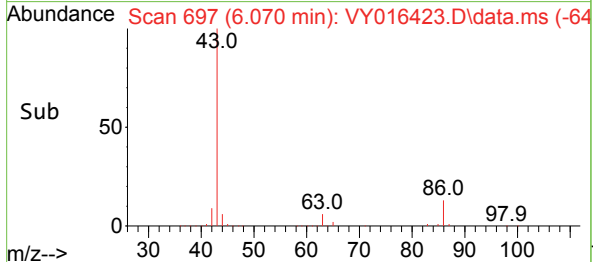
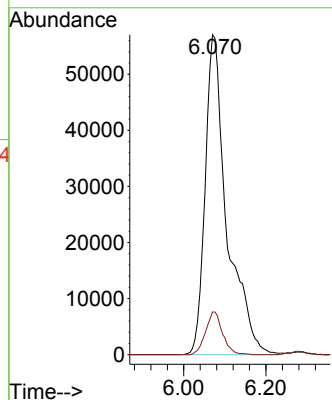
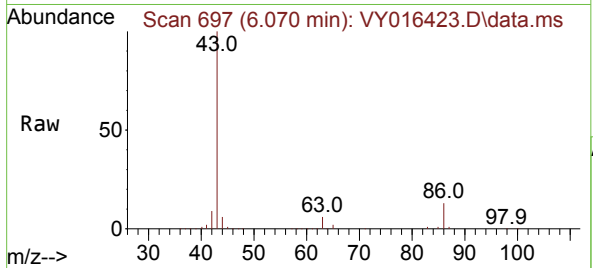




#23
 Vinyl Acetate
 Concen: 100.030 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY016423.D
 Acq: 20 Nov 2023 14:31

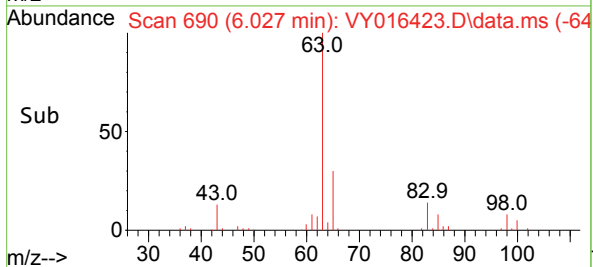
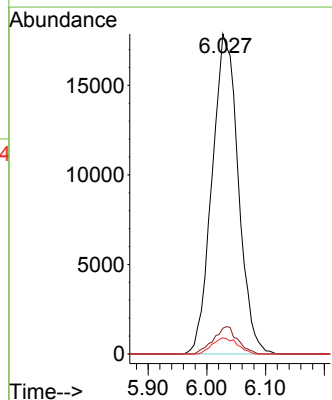
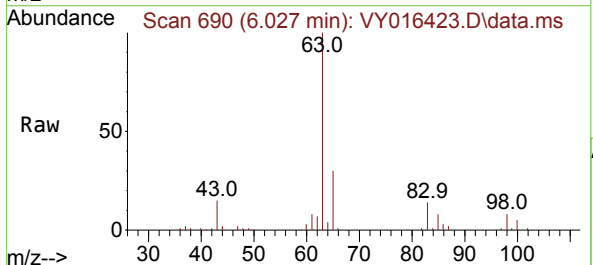
Instrument :
 MSVOA_Y
 ClientSampleId :

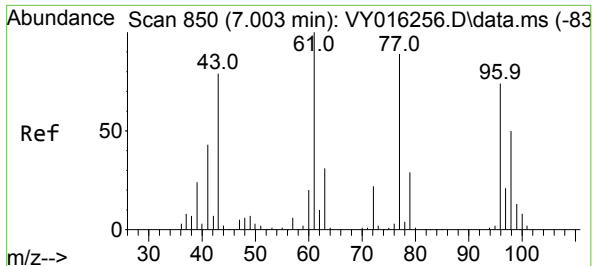
Tgt Ion: 43 Resp: 210071
 Ion Ratio Lower Upper
 43 100
 86 13.3 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.753 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.012 min
 Lab File: VY016423.D
 Acq: 20 Nov 2023 14:31

Tgt Ion: 63 Resp: 55490
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.1 9.4
 100 5.1 1.8 5.5





#25

2-Butanone

Concen: 130.139 ug/l

RT: 6.997 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

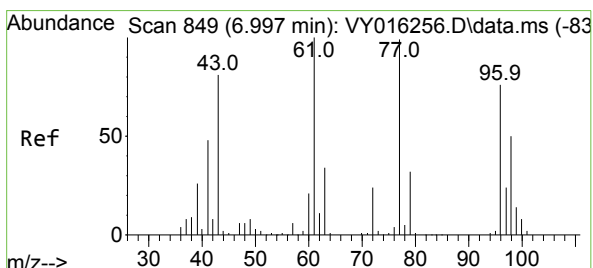
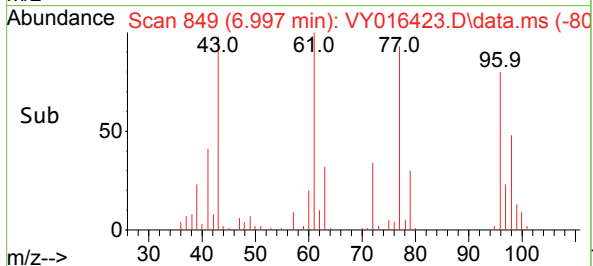
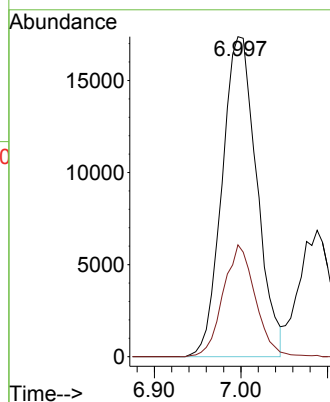
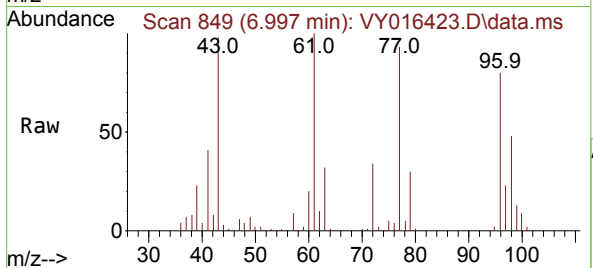
ClientSampleId :

Tgt Ion: 43 Resp: 48328

Ion Ratio Lower Upper

43 100

72 35.0 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 20.551 ug/l

RT: 6.997 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY016423.D

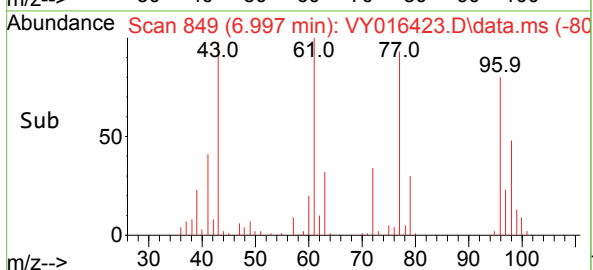
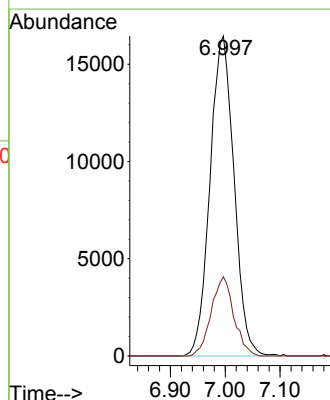
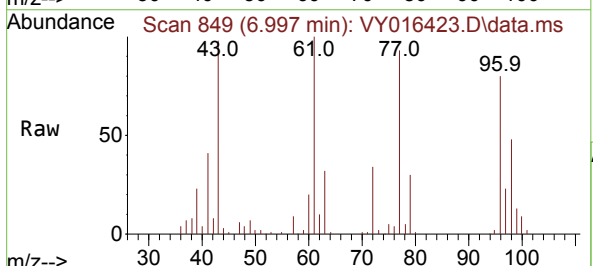
Acq: 20 Nov 2023 14:31

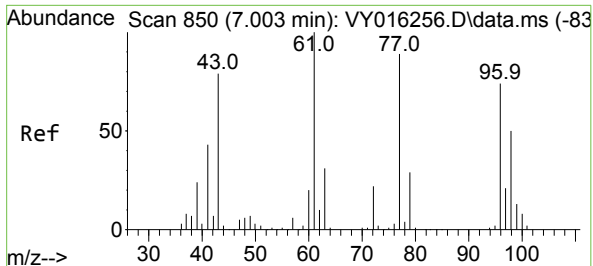
Tgt Ion: 77 Resp: 50011

Ion Ratio Lower Upper

77 100

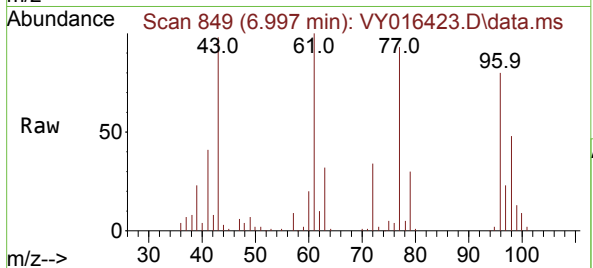
97 23.3 10.9 32.9



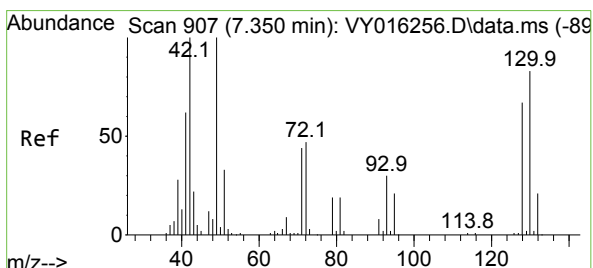
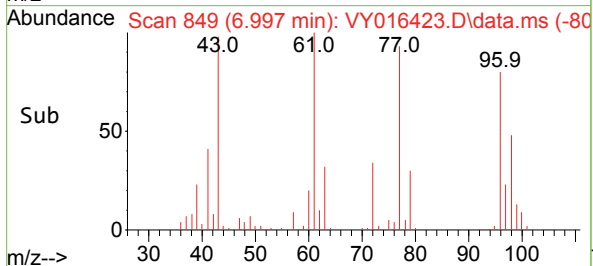
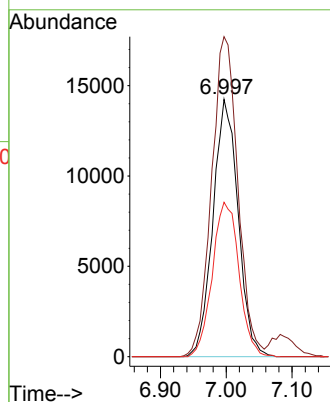


#27
cis-1,2-Dichloroethene
Concen: 21.546 ug/l
RT: 6.997 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :

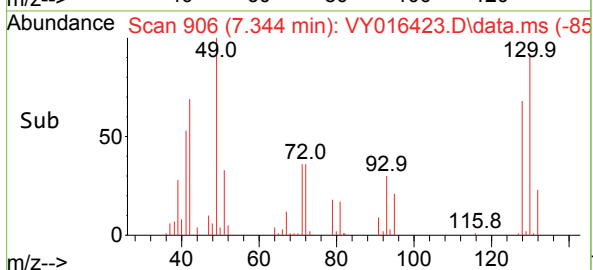
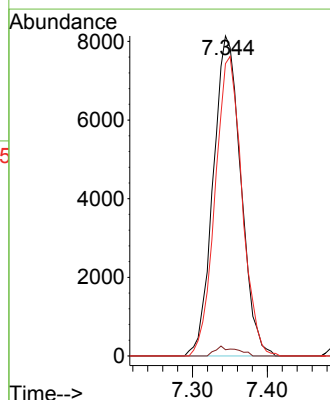
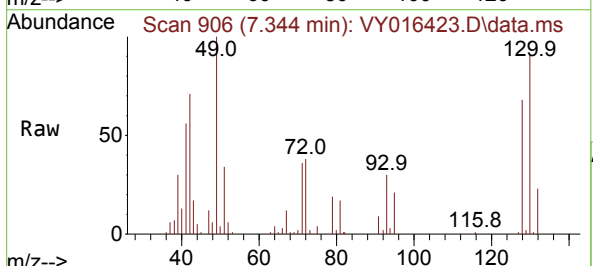


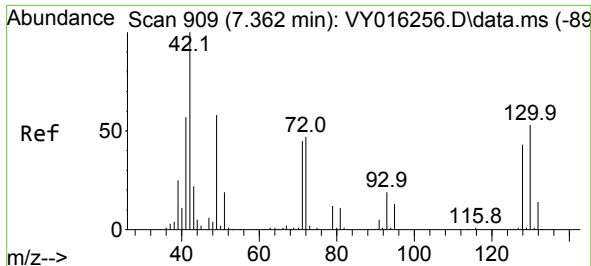
Tgt Ion: 96 Resp: 37889
Ion Ratio Lower Upper
96 100
61 130.0 0.0 301.4
98 63.7 0.0 130.4



#28
Bromochloromethane
Concen: 21.135 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 49 Resp: 20915
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.6
130 90.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 105.457 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

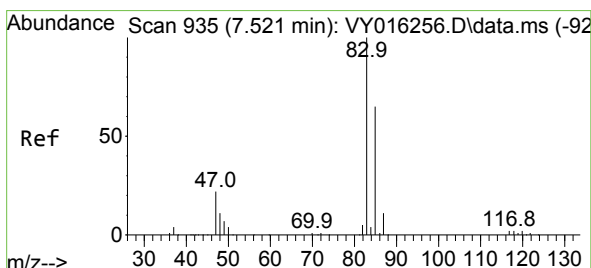
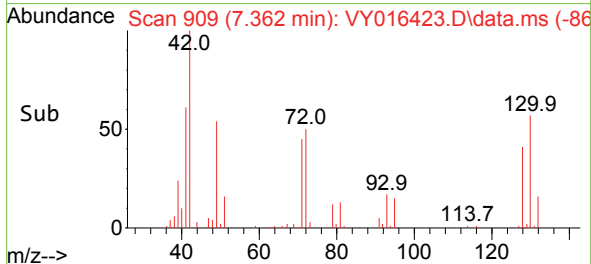
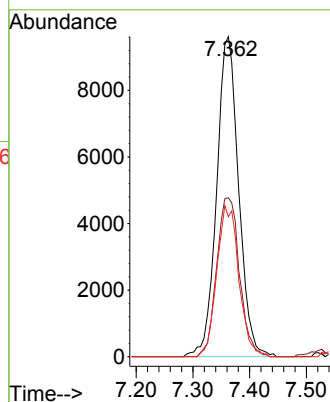
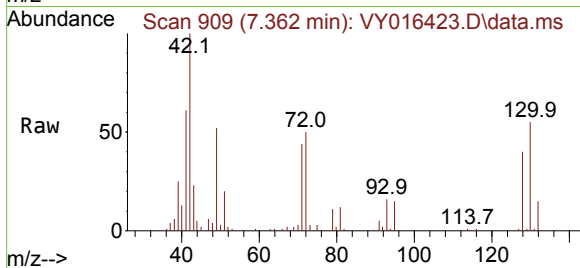
Tgt Ion: 42 Resp: 25885

Ion Ratio Lower Upper

42 100

72 51.4 32.8 49.2#

71 47.2 31.0 46.4#



#30

Chloroform

Concen: 21.878 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY016423.D

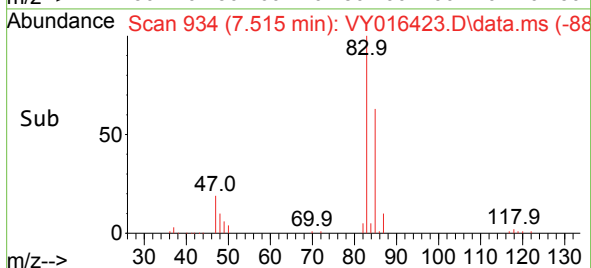
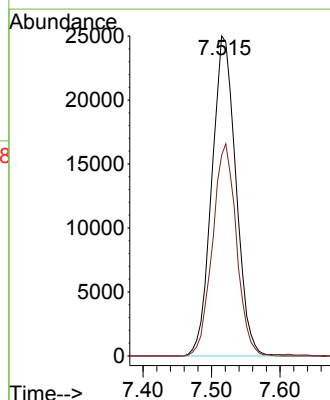
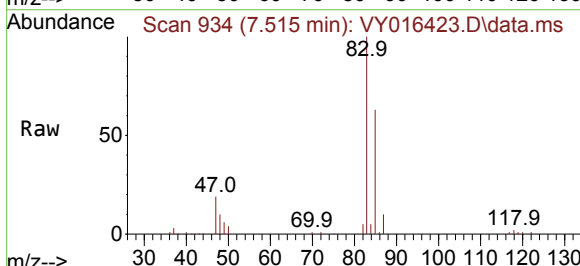
Acq: 20 Nov 2023 14:31

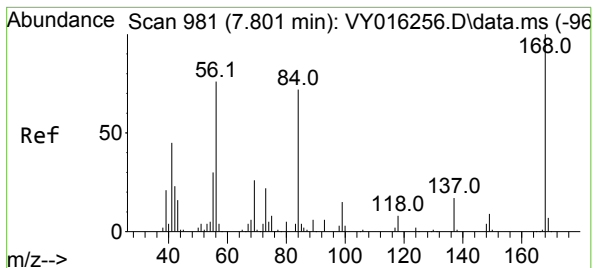
Tgt Ion: 83 Resp: 60890

Ion Ratio Lower Upper

83 100

85 62.7 49.7 74.5





#31

Cyclohexane

Concen: 17.473 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.000 min

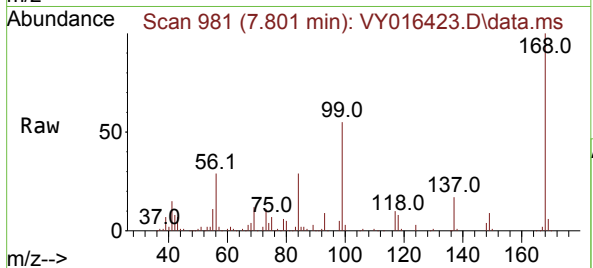
Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

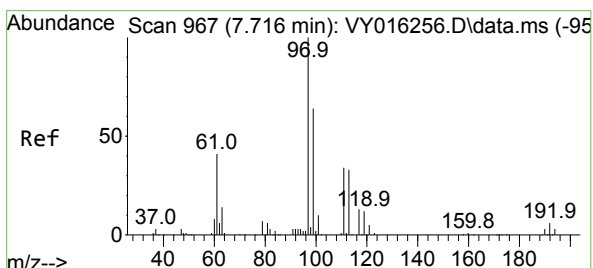
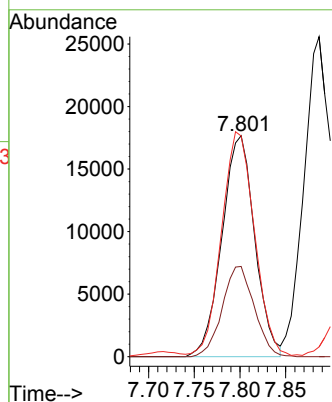
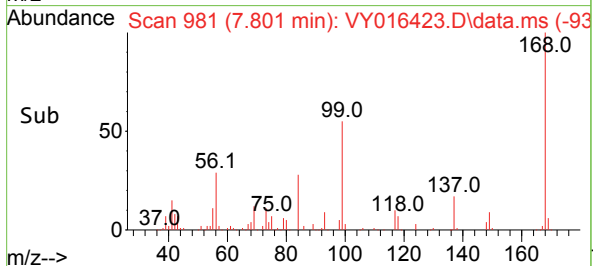
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	56	Resp:	44095
Ion Ratio	Lower	Upper	
56	100		
69	40.8	27.8	41.6
84	98.5	66.4	99.6



#32

1,1,1-Trichloroethane

Concen: 21.295 ug/l

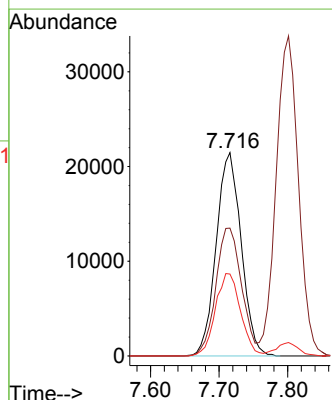
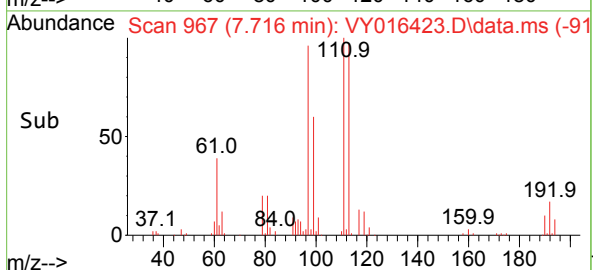
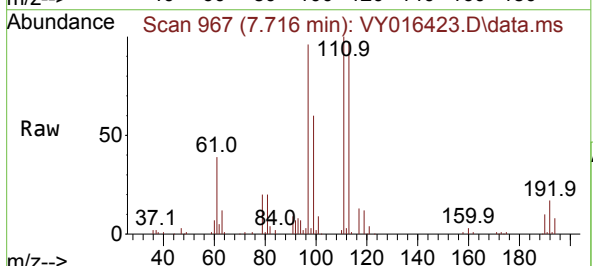
RT: 7.716 min Scan# 967

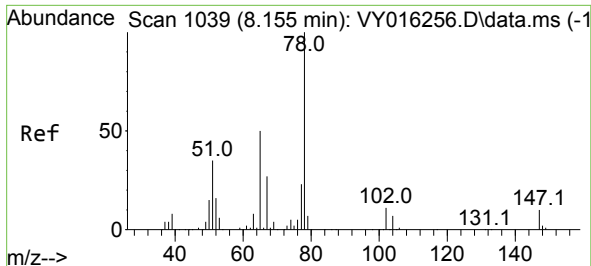
Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Tgt Ion:	97	Resp:	54329
Ion Ratio	Lower	Upper	
97	100		
99	64.4	50.8	76.2
61	40.8	35.1	52.7

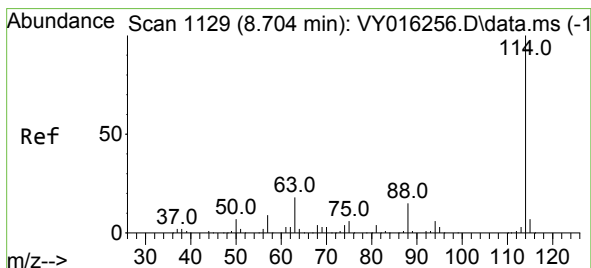
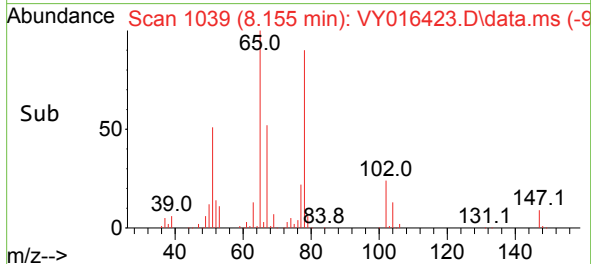
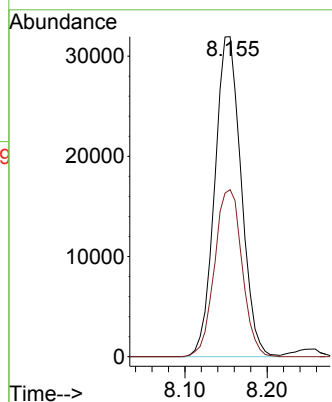
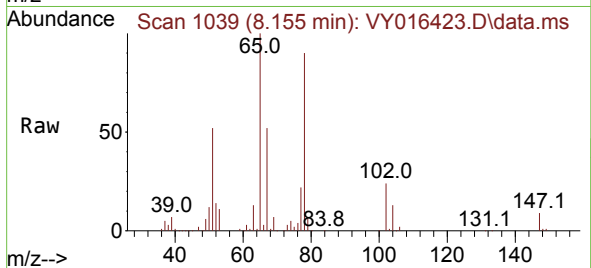




#33
 1,2-Dichloroethane-d4
 Concen: 55.612 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016423.D
 Acq: 20 Nov 2023 14:31

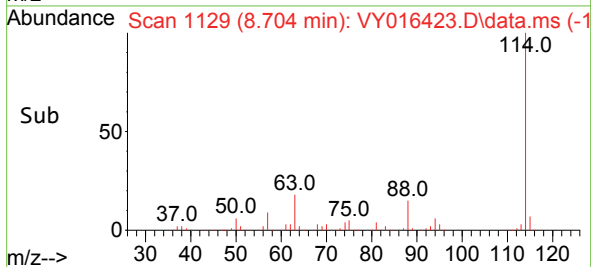
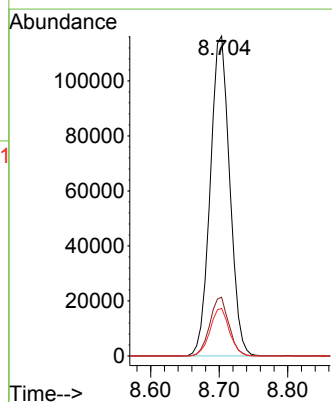
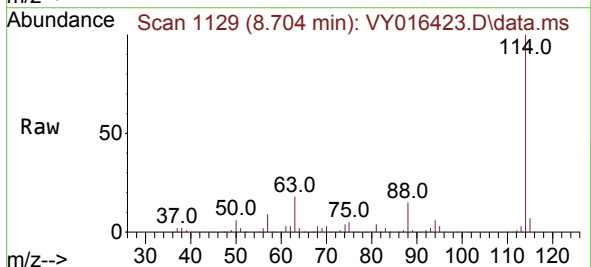
Instrument :
 MSVOA_Y
 ClientSampleId :

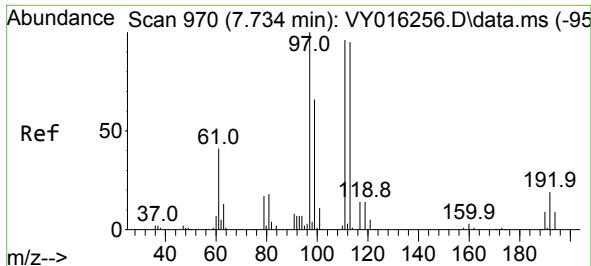
Tgt Ion: 65 Resp: 71280
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.704 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016423.D
 Acq: 20 Nov 2023 14:31

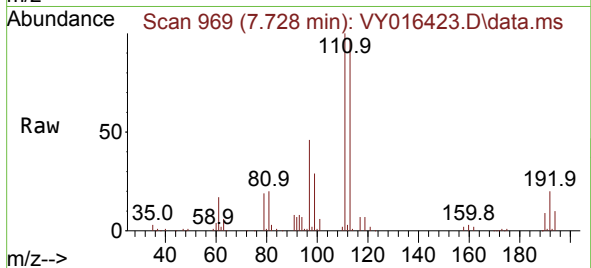
Tgt Ion:114 Resp: 229407
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 42.4
 88 14.8 0.0 30.6



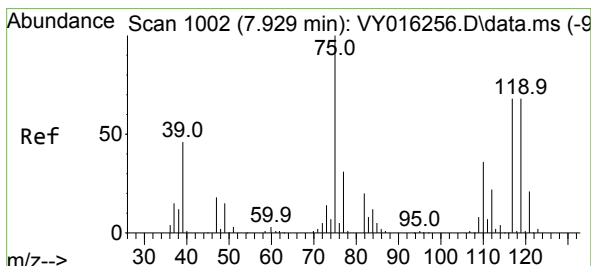
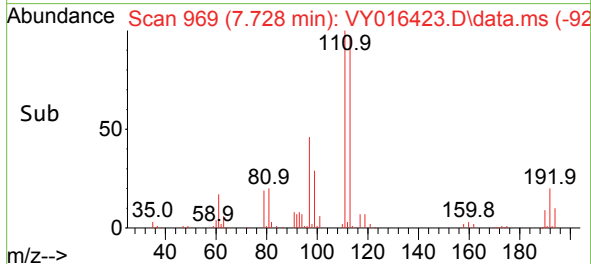
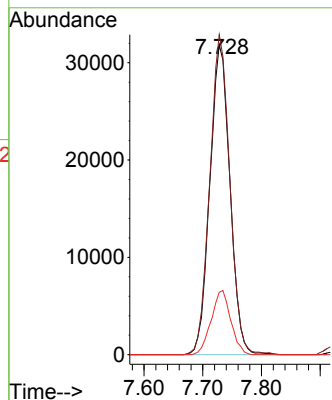


#35
Dibromofluoromethane
Concen: 57.985 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :

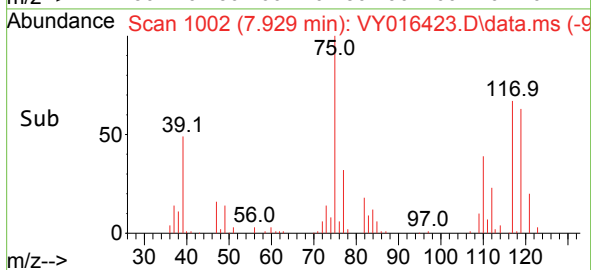
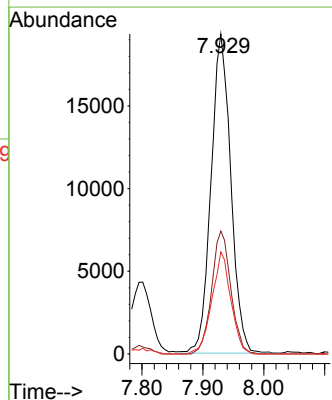
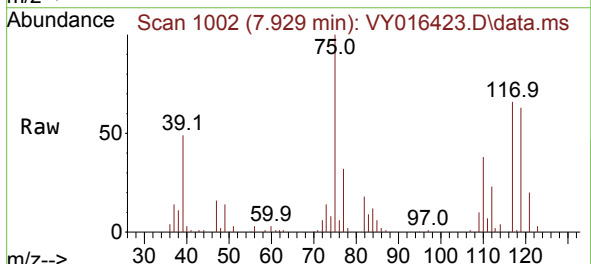


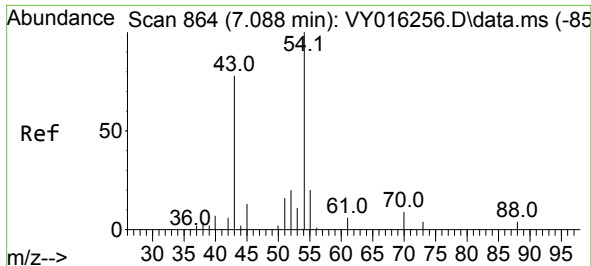
Tgt Ion:113 Resp: 75565
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 20.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.241 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 75 Resp: 43540
Ion Ratio Lower Upper
75 100
110 37.3 17.8 53.5
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 21.003 ug/l

RT: 7.088 min Scan# 80

Delta R.T. -0.000 min

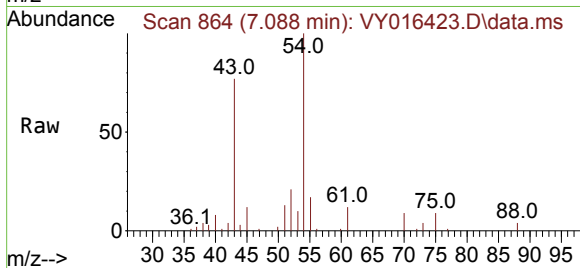
Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

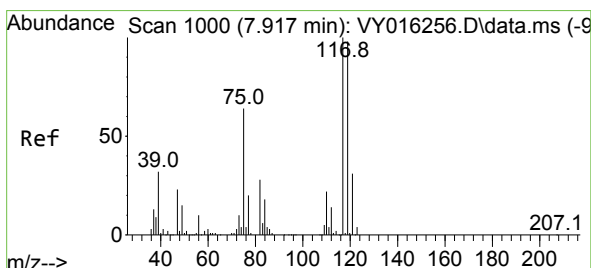
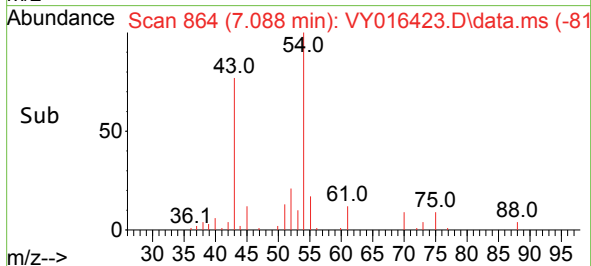
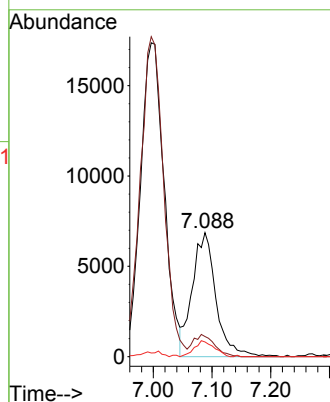
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 19203
Ion Ratio	Lower Upper
43	100
61	16.0 10.1 15.1#
70	10.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 21.365 ug/l

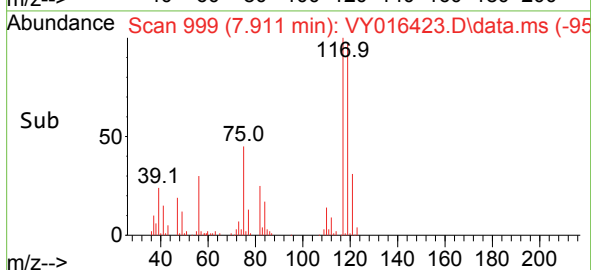
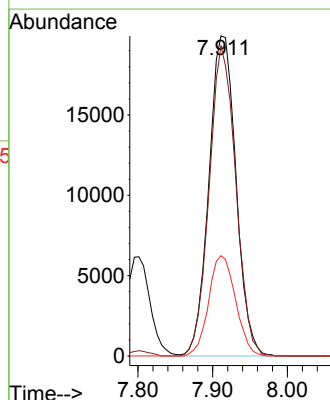
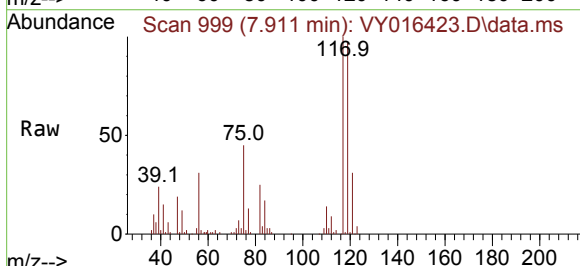
RT: 7.911 min Scan# 999

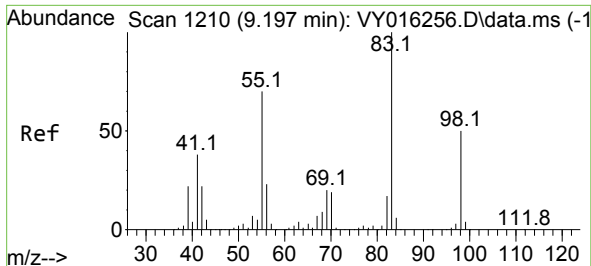
Delta R.T. -0.006 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Tgt Ion: 117	Resp: 50176
Ion Ratio	Lower Upper
117	100
119	96.9 76.4 114.6
121	31.3 25.8 38.6





#39

Methylcyclohexane

Concen: 17.717 ug/l

RT: 9.197 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

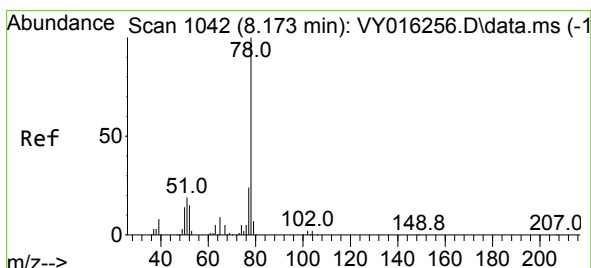
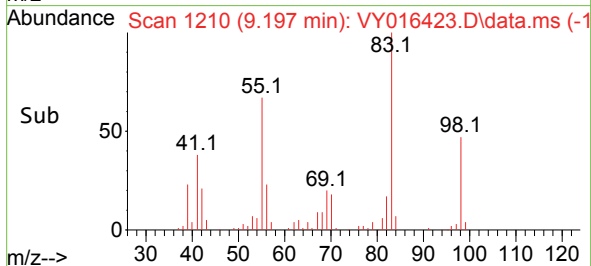
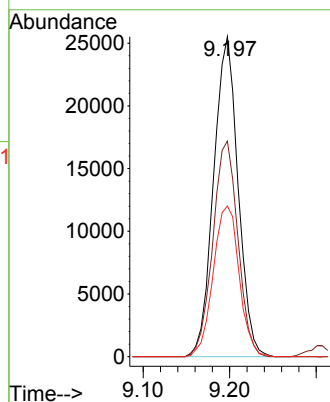
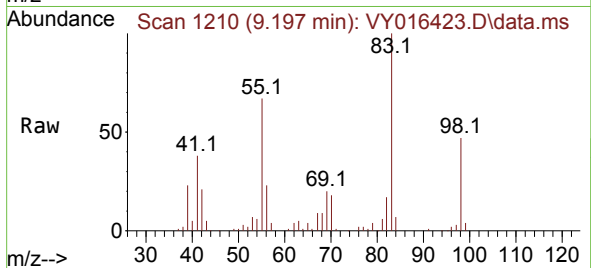
Tgt Ion: 83 Resp: 49955

Ion Ratio Lower Upper

83 100

55 67.4 63.0 94.4

98 47.1 37.4 56.2



#40

Benzene

Concen: 20.634 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016423.D

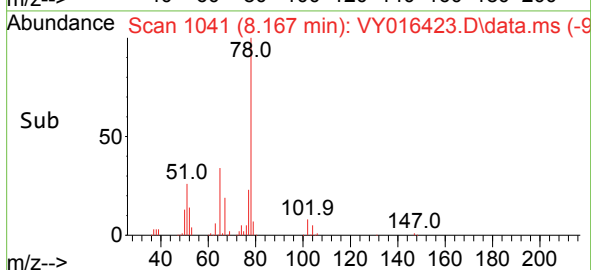
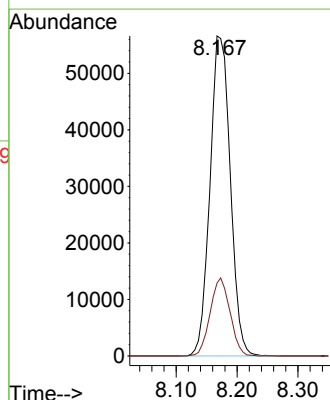
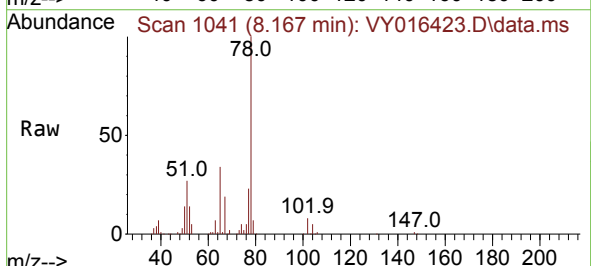
Acq: 20 Nov 2023 14:31

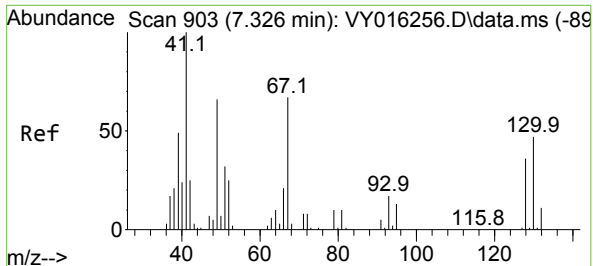
Tgt Ion: 78 Resp: 131185

Ion Ratio Lower Upper

78 100

77 22.8 19.0 28.6

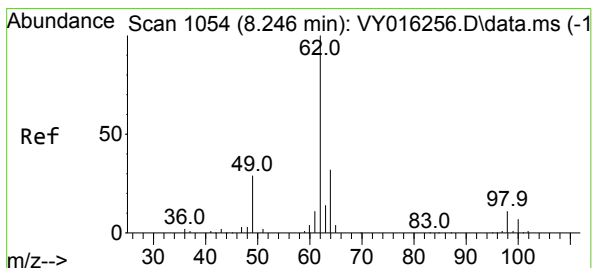
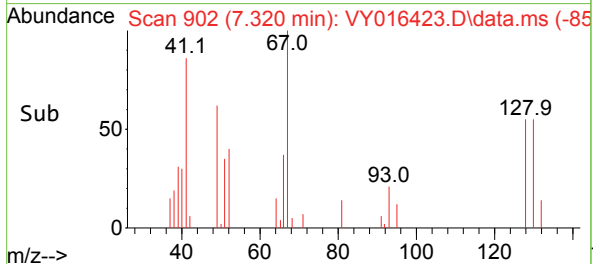
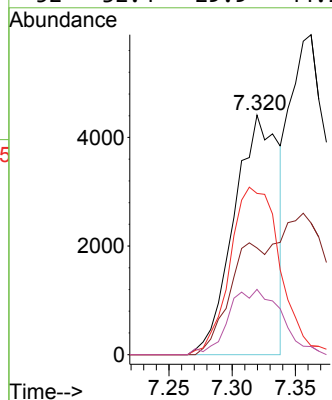
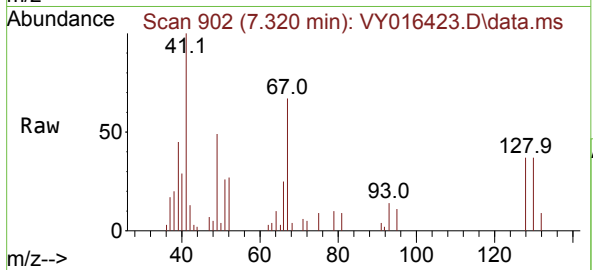




#41
Methacrylonitrile
Concen: 23.382 ug/l
RT: 7.320 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

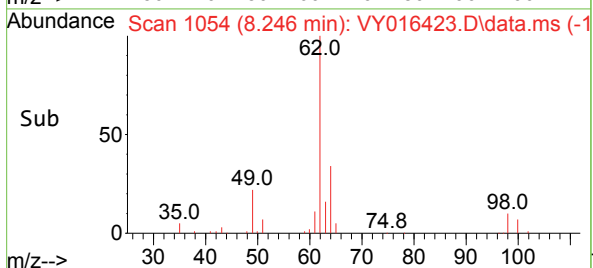
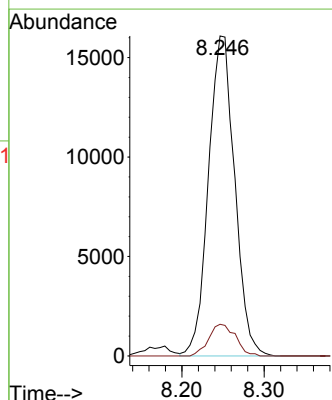
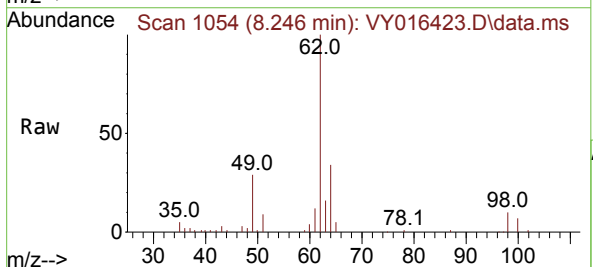
Instrument :
MSVOA_Y
ClientSampleId :

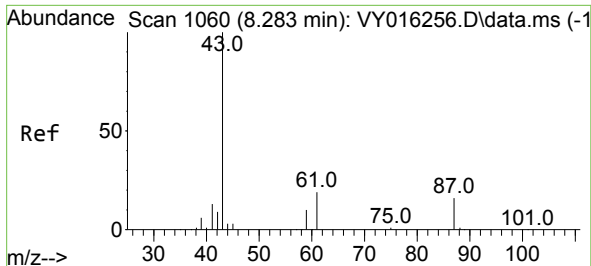
Tgt Ion: 41 Resp: 10779
Ion Ratio Lower Upper
41 100
39 37.9 52.1 78.1#
67 78.9 66.2 99.2
52 32.4 29.9 44.9



#42
1,2-Dichloroethane
Concen: 21.678 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

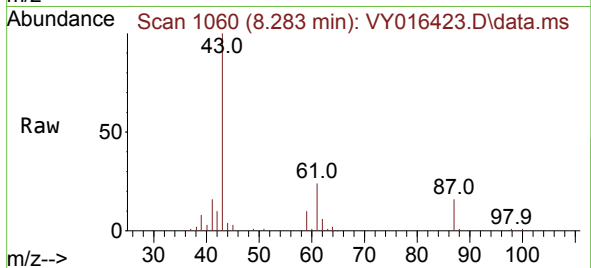
Tgt Ion: 62 Resp: 35710
Ion Ratio Lower Upper
62 100
98 10.1 0.0 15.8



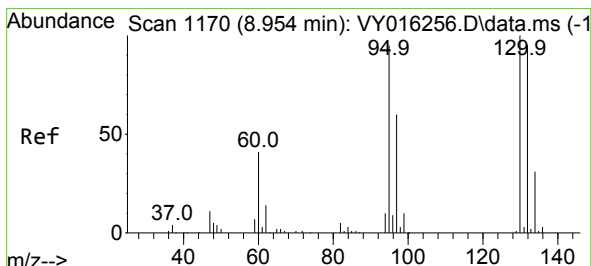
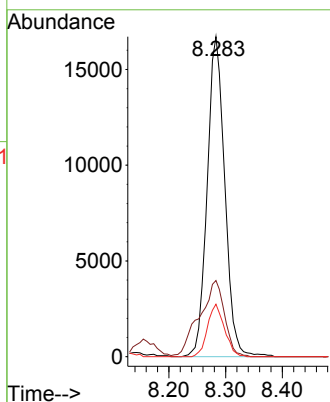
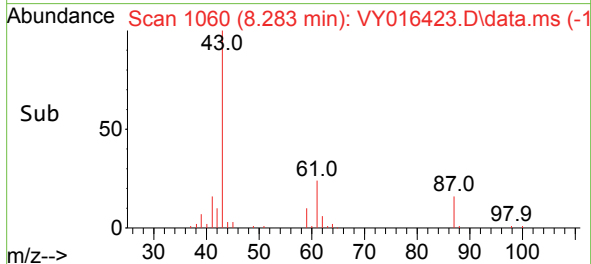


#43
Isopropyl Acetate
Concen: 20.399 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :

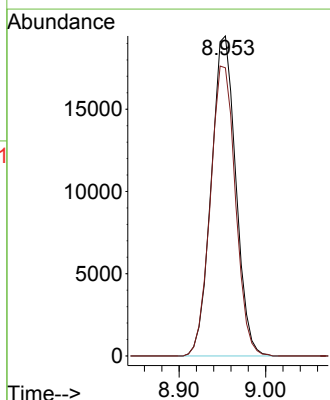
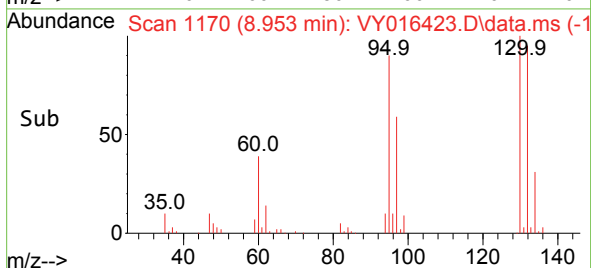
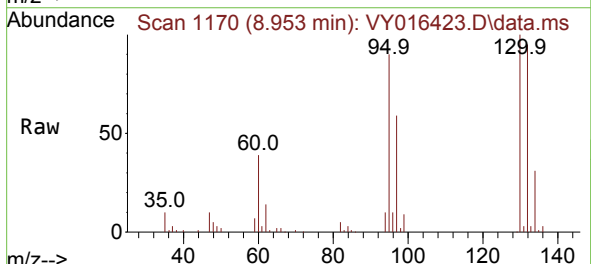


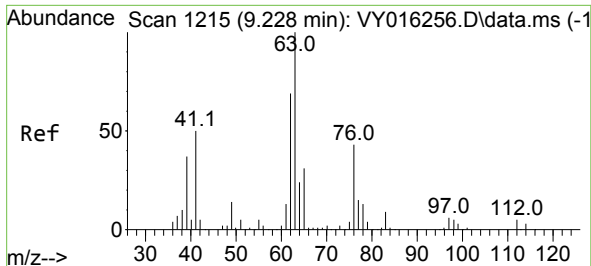
Tgt Ion: 43 Resp: 36051
Ion Ratio Lower Upper
43 100
61 33.9 21.1 31.7#
87 15.8 9.8 14.8#



#44
Trichloroethene
Concen: 21.006 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion:130 Resp: 38382
Ion Ratio Lower Upper
130 100
95 90.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.754 ug/l

RT: 9.228 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

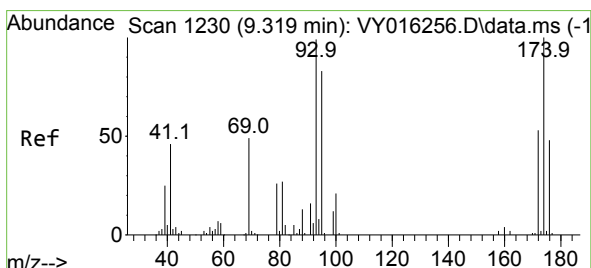
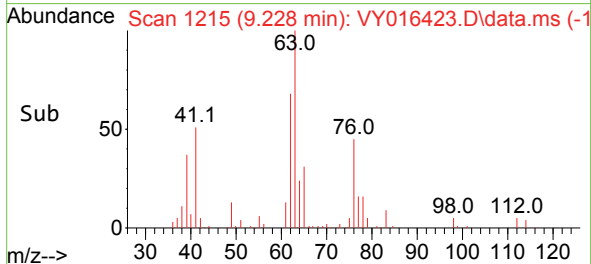
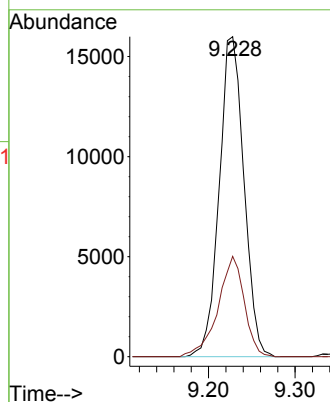
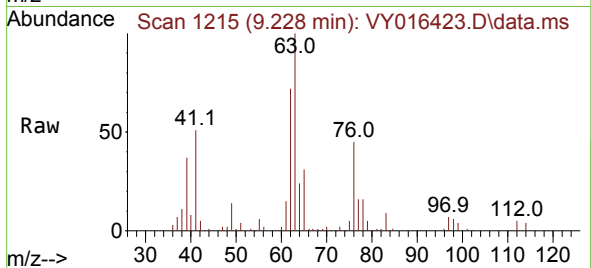
ClientSampleId :

Tgt Ion: 63 Resp: 31687

Ion Ratio Lower Upper

63 100

65 31.3 23.8 35.6



#46

Dibromomethane

Concen: 22.717 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

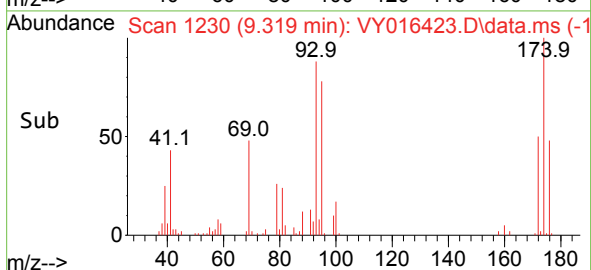
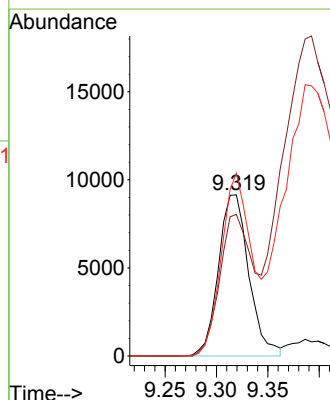
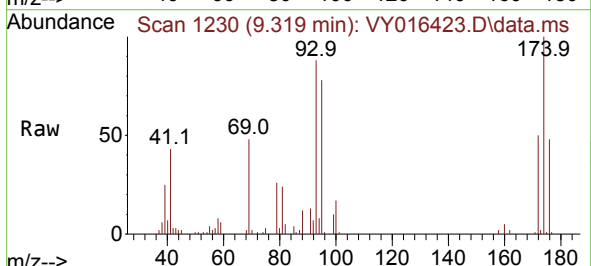
Tgt Ion: 93 Resp: 18796

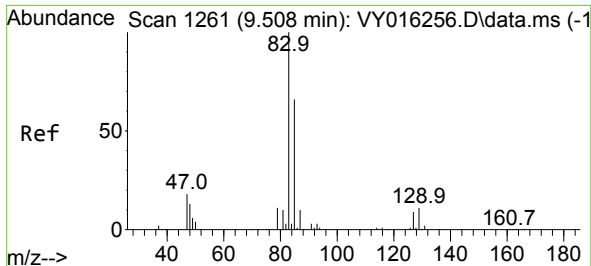
Ion Ratio Lower Upper

93 100

95 98.4 66.6 100.0

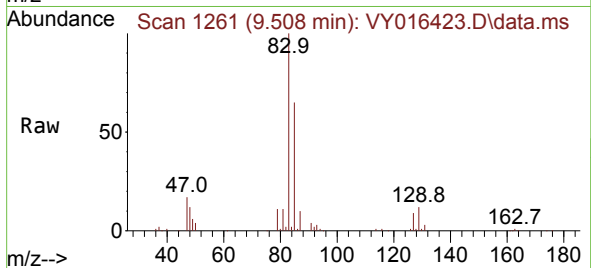
174 112.6 84.8 127.2



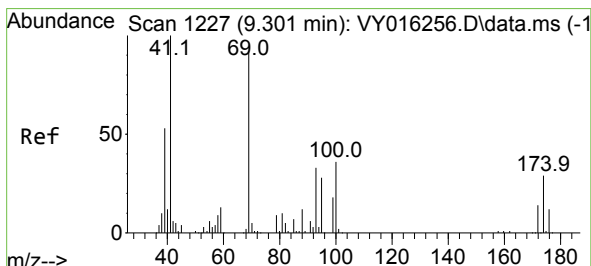
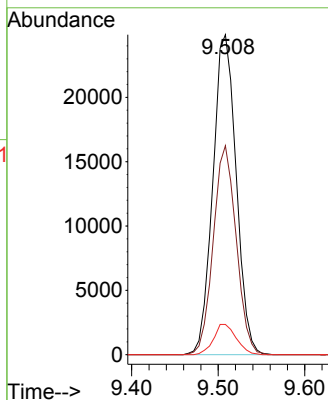
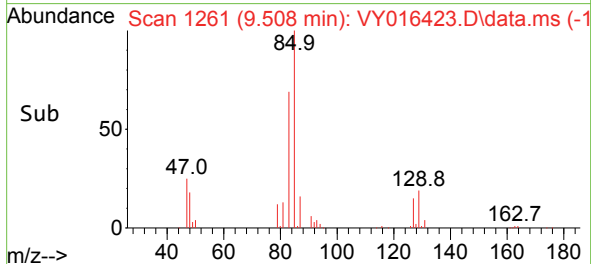


#47
Bromodichloromethane
Concen: 21.863 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :

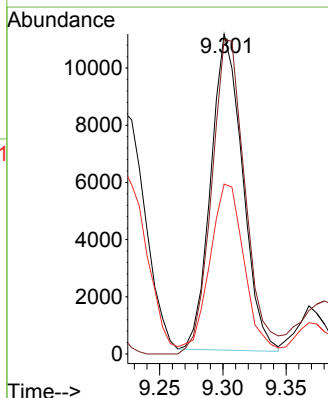
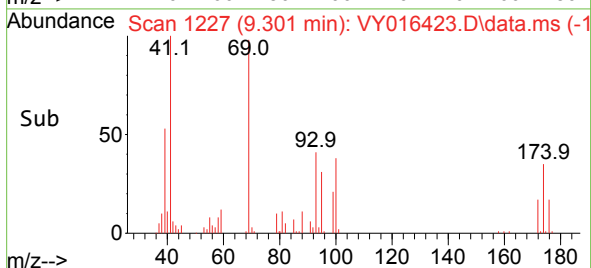
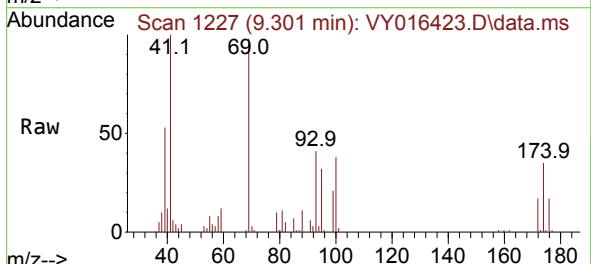


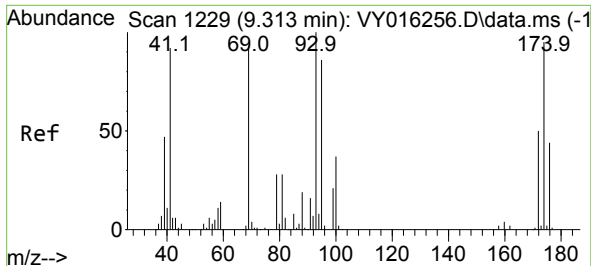
Tgt Ion: 83 Resp: 46506
Ion Ratio Lower Upper
83 100
85 65.3 50.1 75.1
127 9.5 7.1 10.7



#48
Methyl methacrylate
Concen: 19.748 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 41 Resp: 19289
Ion Ratio Lower Upper
41 100
69 104.7 64.5 96.7#
39 54.3 50.8 76.2





#49

1,4-Dioxane

Concen: 383.882 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

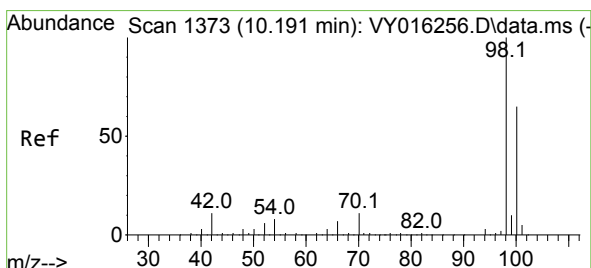
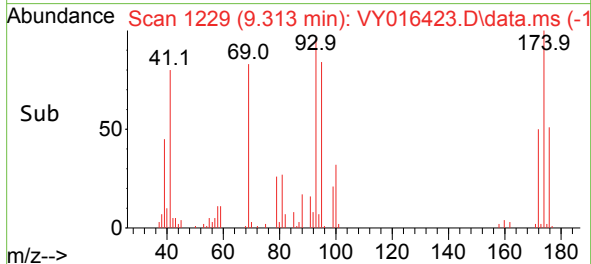
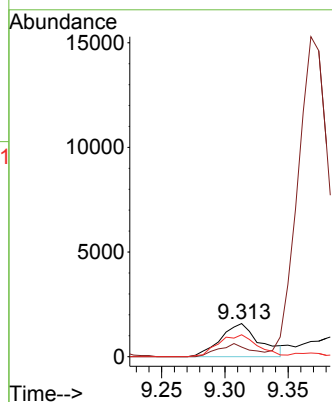
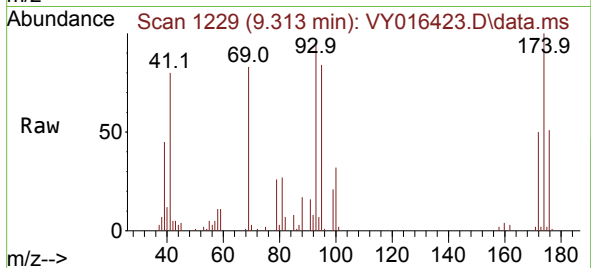
Tgt Ion: 88 Resp: 3372

Ion Ratio Lower Upper

88 100

43 32.9 0.0 0.0#

58 66.9 30.9 46.3#



#50

Toluene-d8

Concen: 54.230 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016423.D

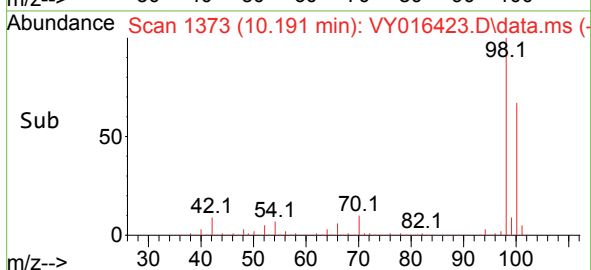
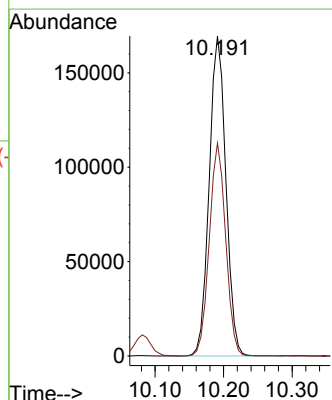
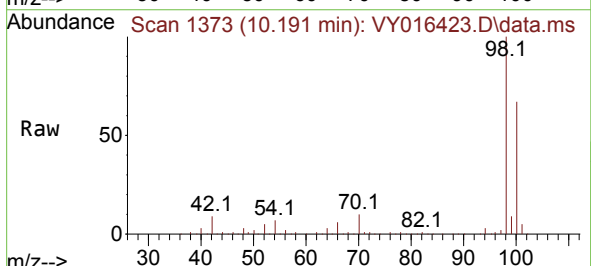
Acq: 20 Nov 2023 14:31

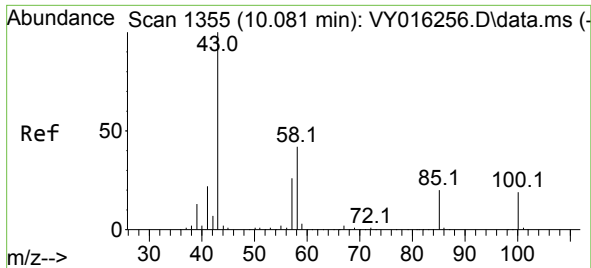
Tgt Ion: 98 Resp: 286588

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1

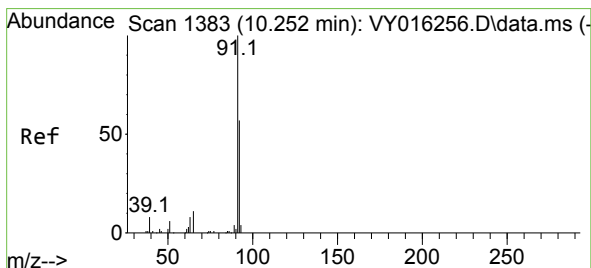
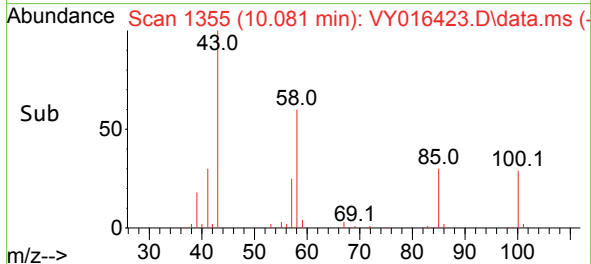
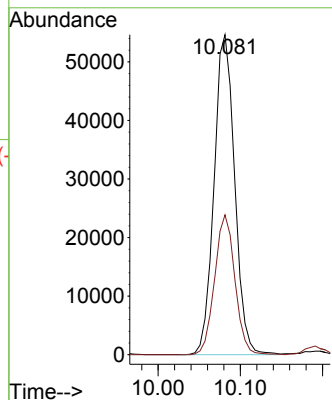
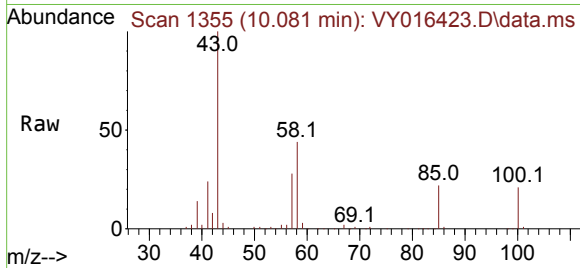




#51
4-Methyl-2-Pentanone
Concen: 106.561 ug/l
RT: 10.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

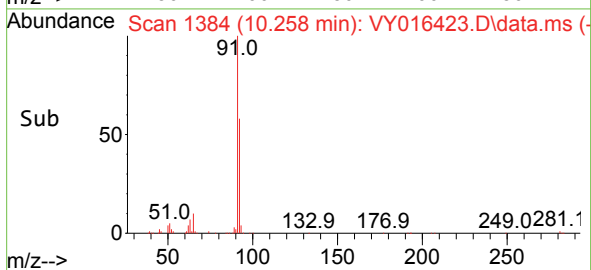
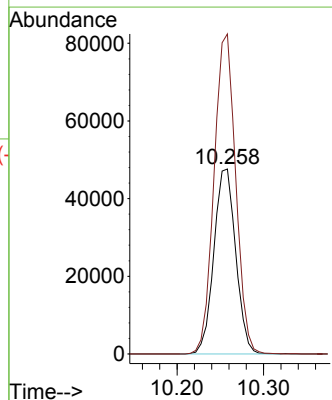
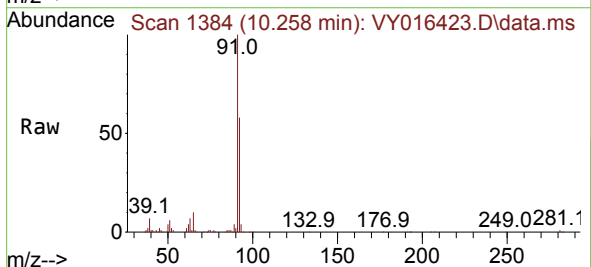
Instrument :
MSVOA_Y
ClientSampleId :

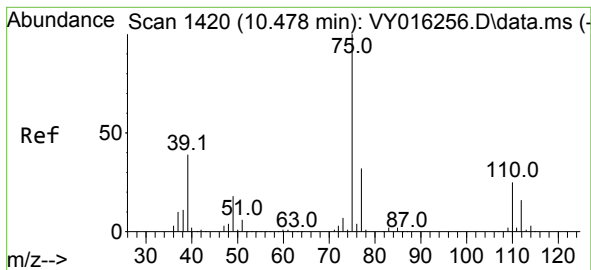
Tgt Ion: 43 Resp: 95233
Ion Ratio Lower Upper
43 100
58 42.9 29.0 43.6



#52
Toluene
Concen: 20.772 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 92 Resp: 83478
Ion Ratio Lower Upper
92 100
91 171.7 143.8 215.6

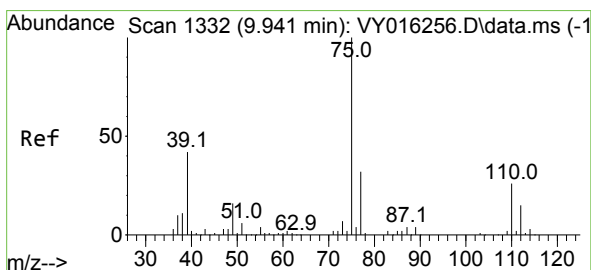
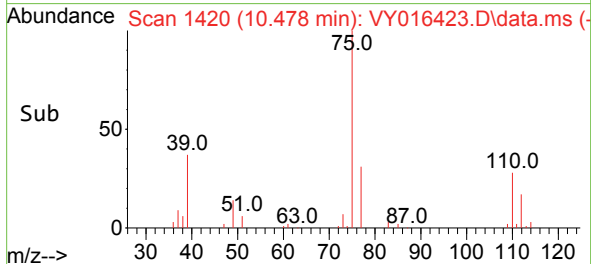
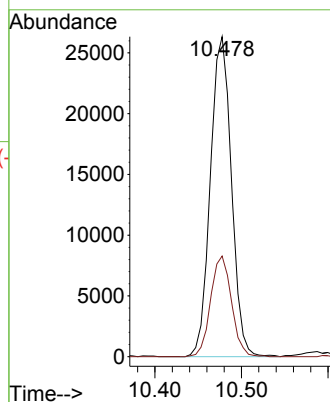
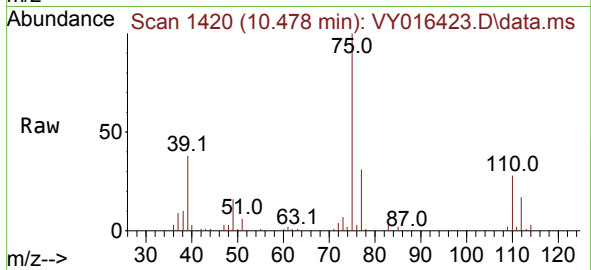




#53
 t-1,3-Dichloropropene
 Concen: 21.570 ug/l
 RT: 10.478 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016423.D
 Acq: 20 Nov 2023 14:31

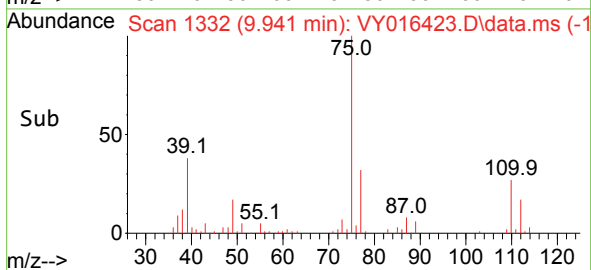
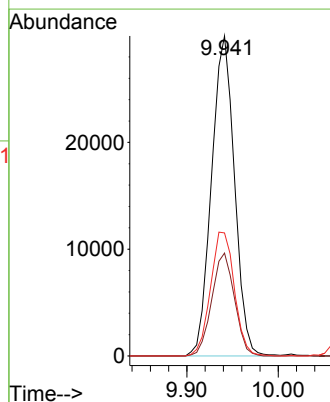
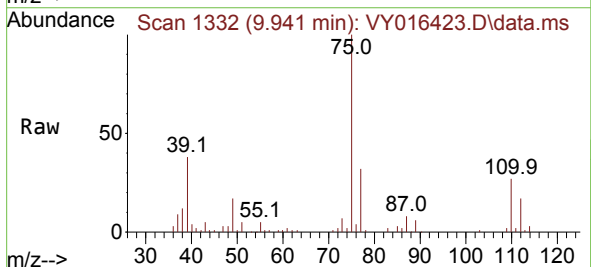
Instrument :
 MSVOA_Y
 ClientSampleId :

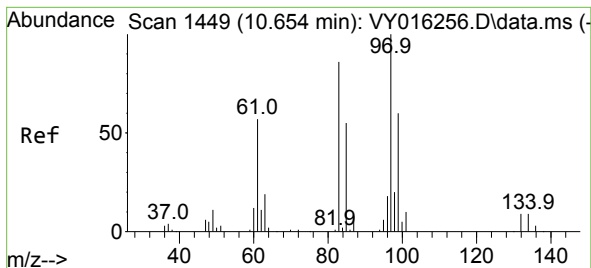
Tgt Ion: 75 Resp: 44479
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 21.212 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016423.D
 Acq: 20 Nov 2023 14:31

Tgt Ion: 75 Resp: 52243
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.2 36.4
 39 38.5 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 22.964 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 26188

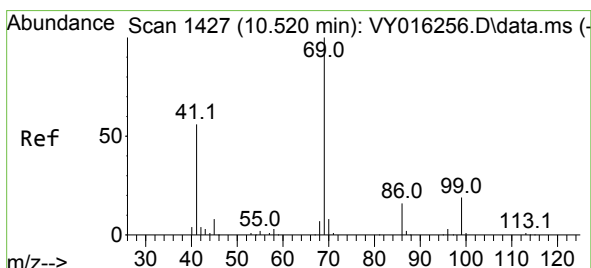
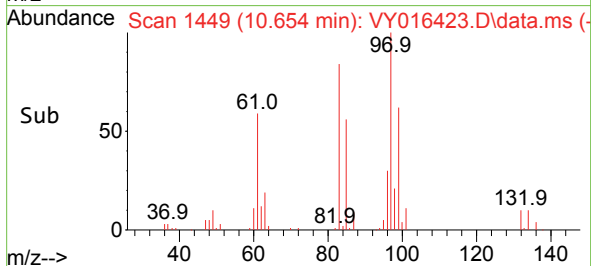
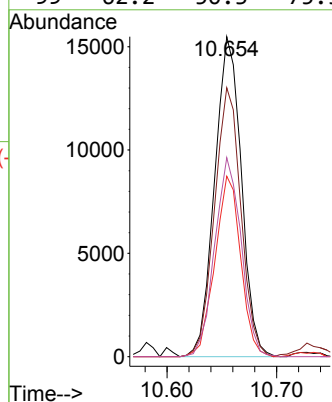
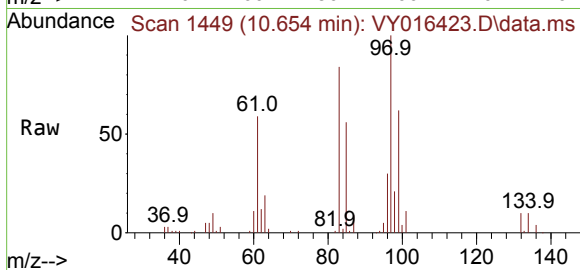
Ion Ratio Lower Upper

97 100

83 84.0 72.0 108.0

85 56.4 45.4 68.0

99 62.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 21.575 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

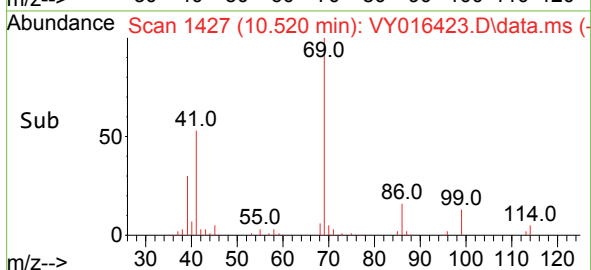
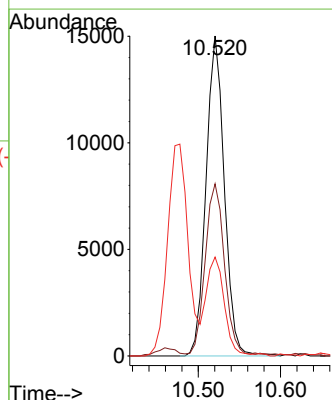
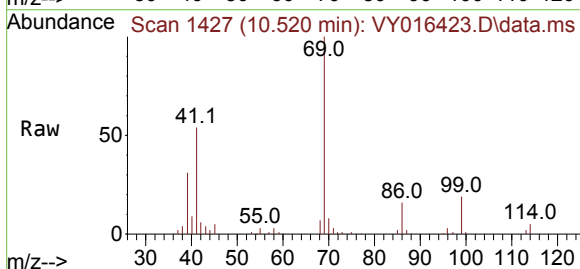
Tgt Ion: 69 Resp: 23225

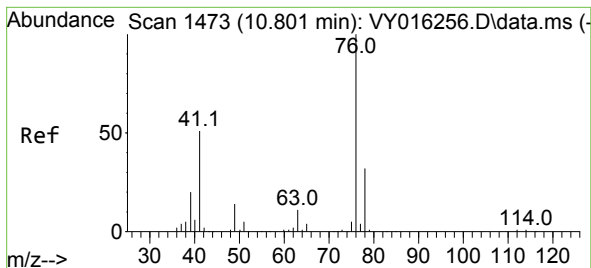
Ion Ratio Lower Upper

69 100

41 55.6 57.6 86.4#

39 29.2 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 22.289 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

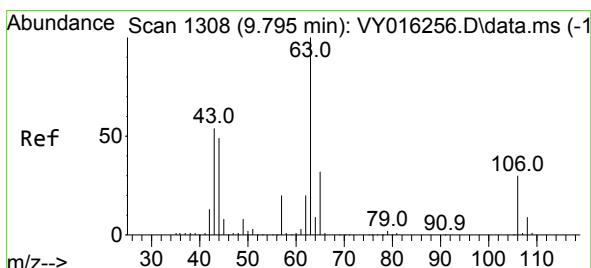
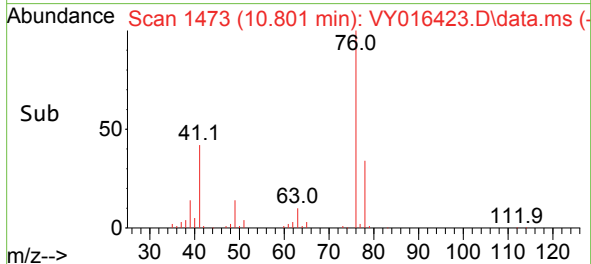
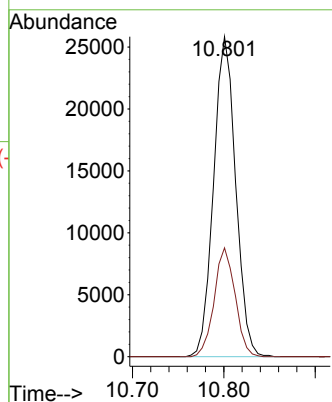
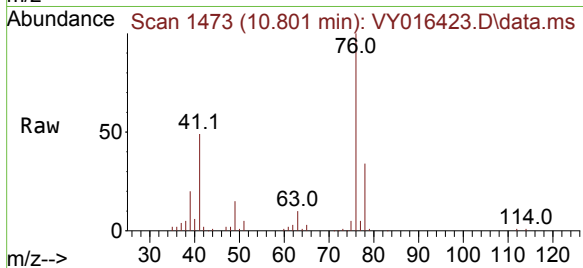
ClientSampleId :

Tgt Ion: 76 Resp: 43327

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 101.607 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VY016423.D

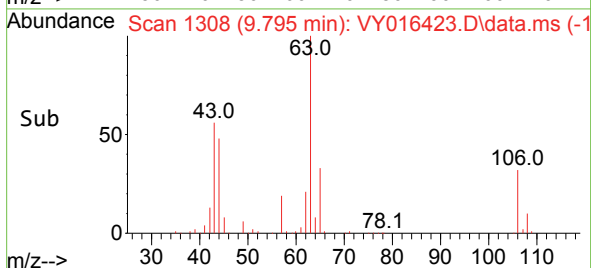
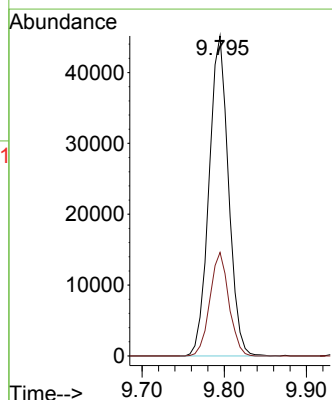
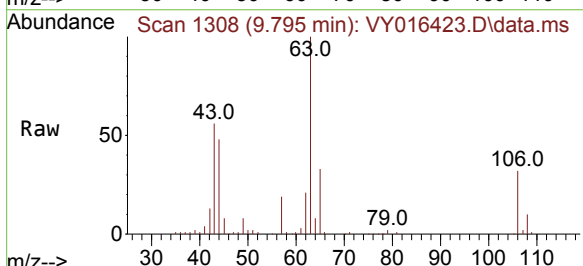
Acq: 20 Nov 2023 14:31

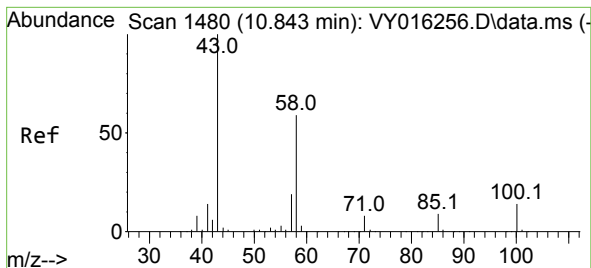
Tgt Ion: 63 Resp: 74167

Ion Ratio Lower Upper

63 100

106 31.5 21.2 31.8

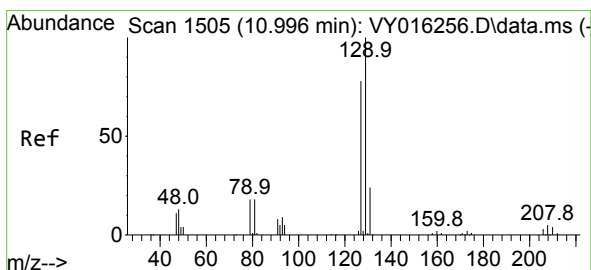
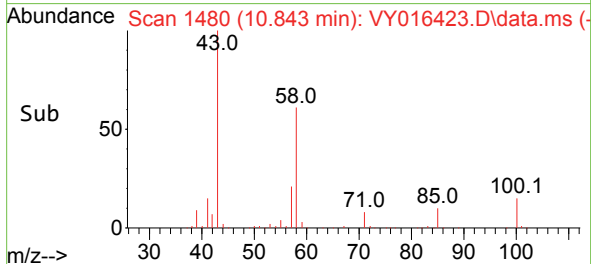
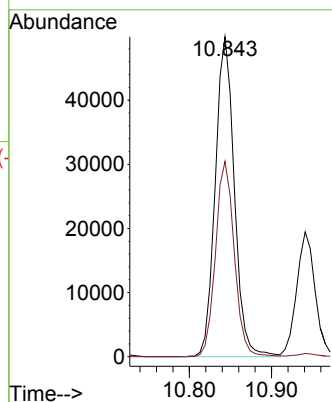
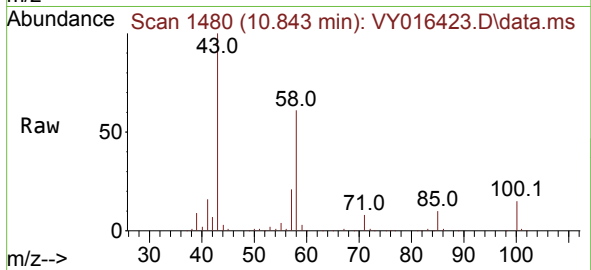




#59
2-Hexanone
Concen: 120.937 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

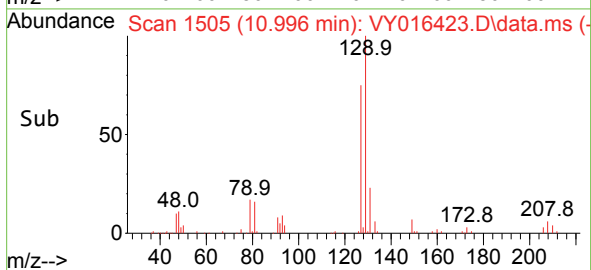
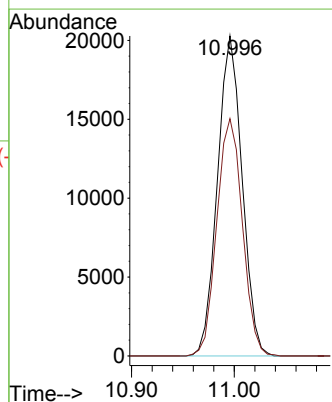
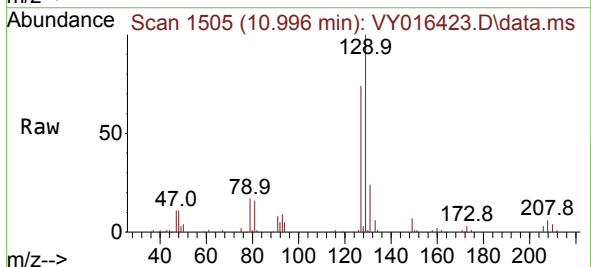
Instrument :
MSVOA_Y
ClientSampleId :

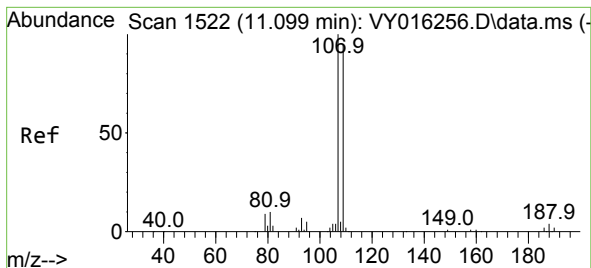
Tgt Ion: 43 Resp: 80393
Ion Ratio Lower Upper
43 100
58 60.1 25.1 75.3



#60
Dibromochloromethane
Concen: 23.716 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 129 Resp: 33824
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

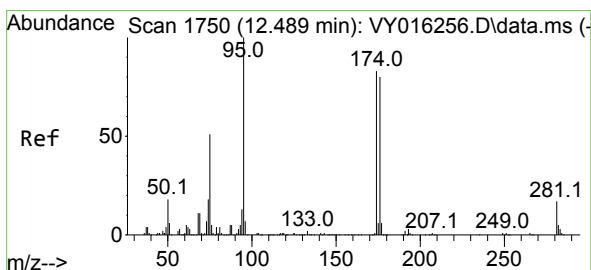
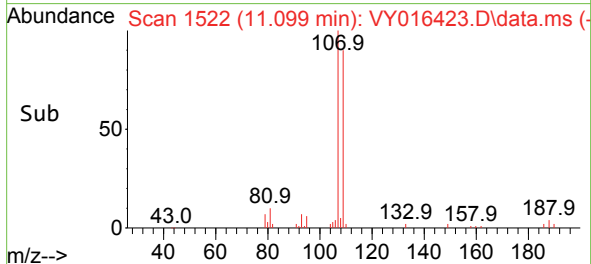
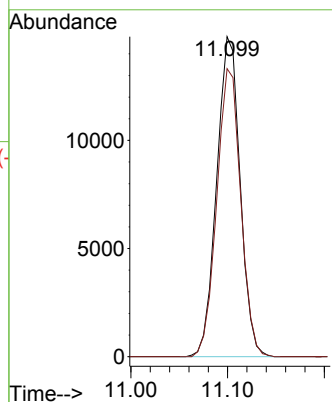
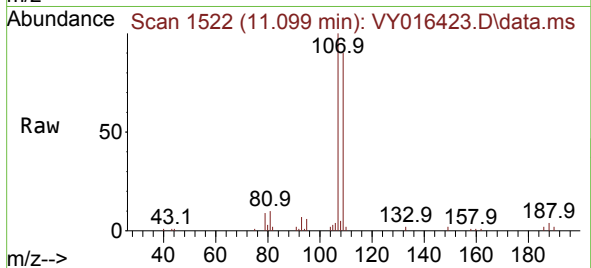




#61
1,2-Dibromoethane
Concen: 22.866 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

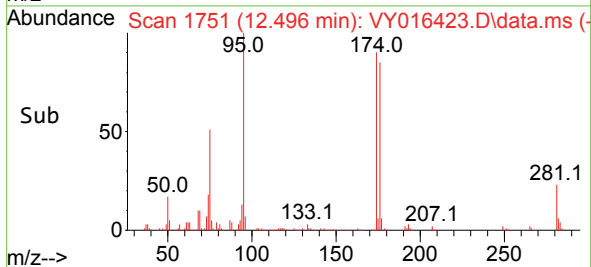
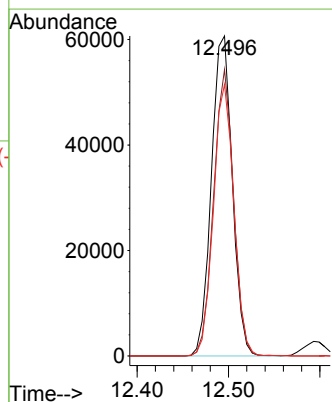
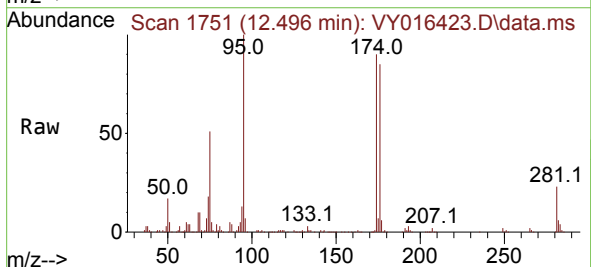
Instrument :
MSVOA_Y
ClientSampleId :

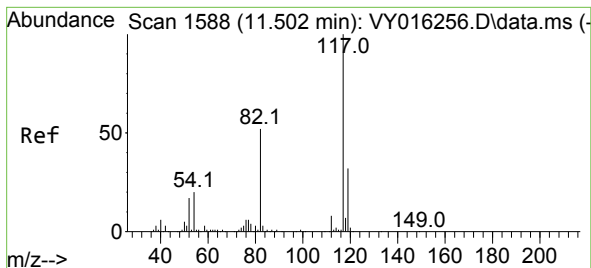
Tgt Ion:107 Resp: 24843
Ion Ratio Lower Upper
107 100
109 92.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 56.159 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 95 Resp: 96390
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 83.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1588

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

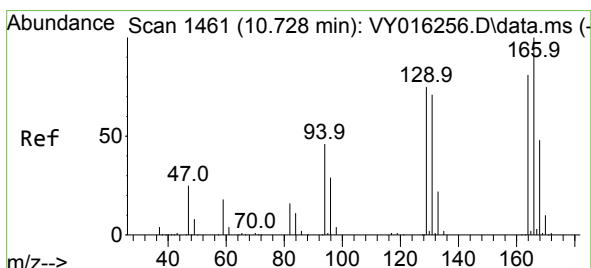
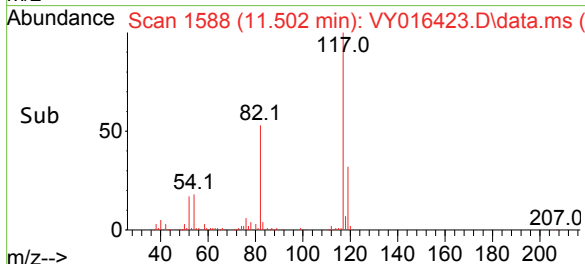
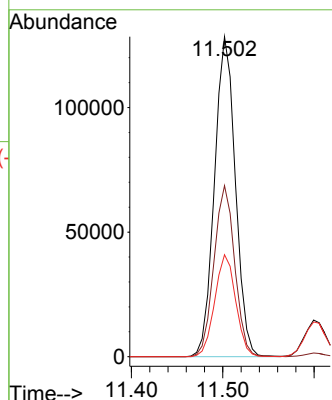
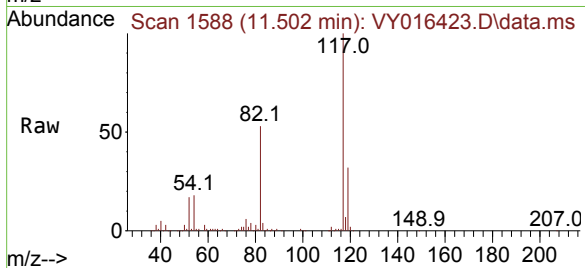
Tgt Ion:117 Resp: 204180

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 31.8 26.3 39.5



#64

Tetrachloroethene

Concen: 21.042 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Tgt Ion:164 Resp: 38577

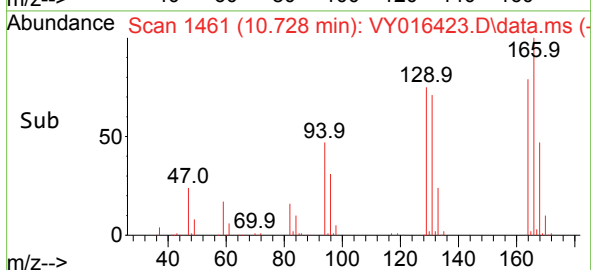
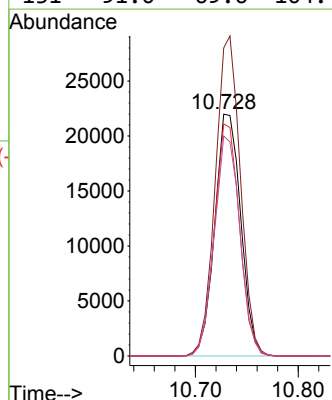
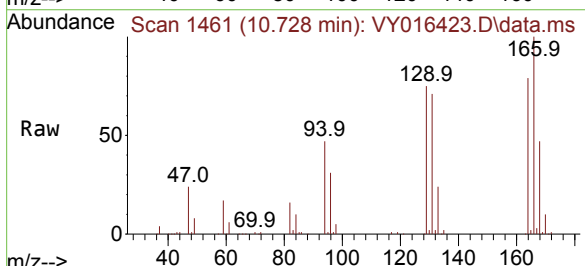
Ion Ratio Lower Upper

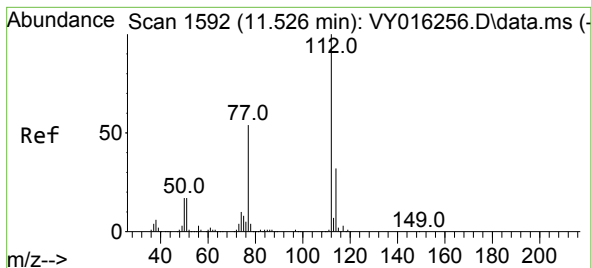
164 100

166 127.4 103.0 154.6

129 96.0 77.2 115.8

131 91.0 69.6 104.4

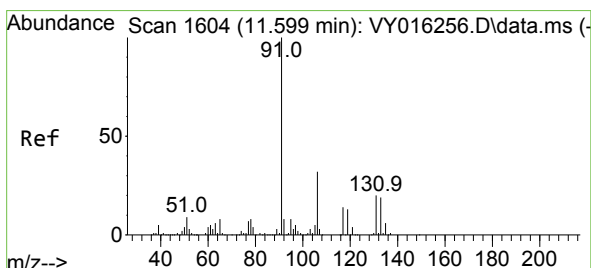
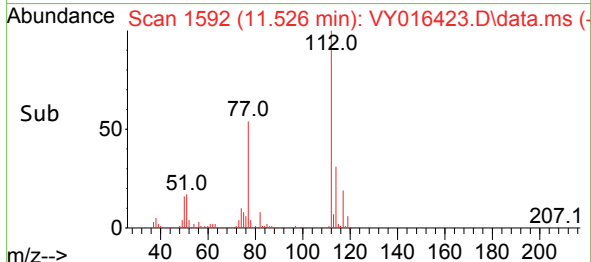
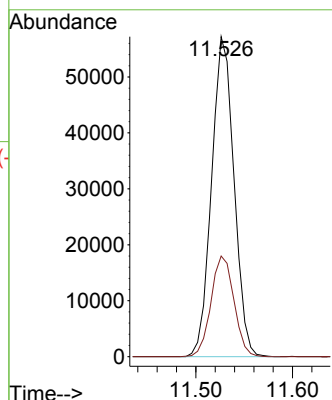
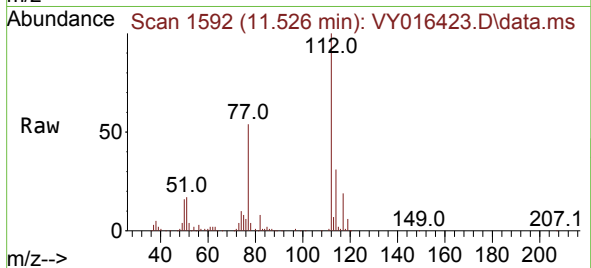




#65
Chlorobenzene
Concen: 21.100 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

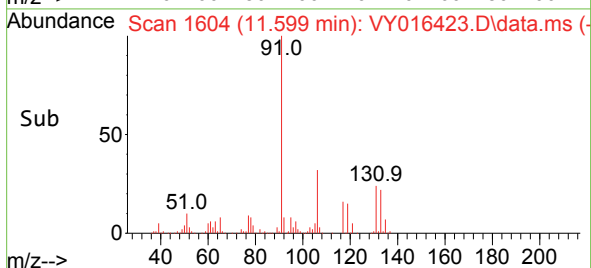
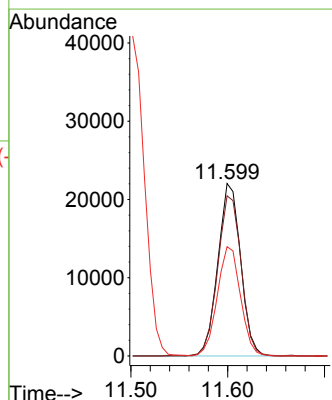
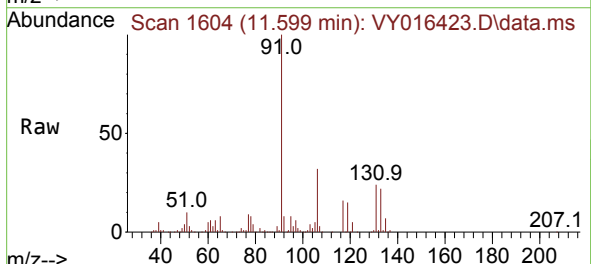
Instrument :
MSVOA_Y
ClientSampleId :

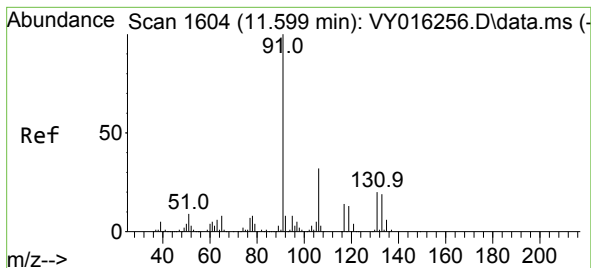
Tgt Ion:112 Resp: 92046
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.294 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion:131 Resp: 35871
Ion Ratio Lower Upper
131 100
133 96.3 47.5 142.6
119 64.8 31.6 94.7





#67

Ethyl Benzene

Concen: 20.430 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

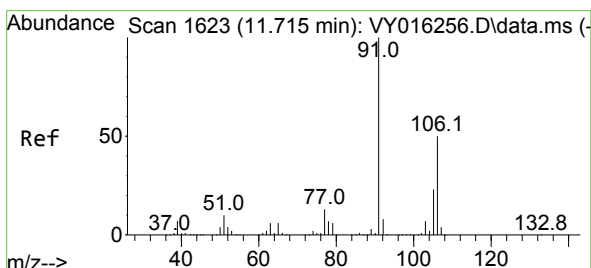
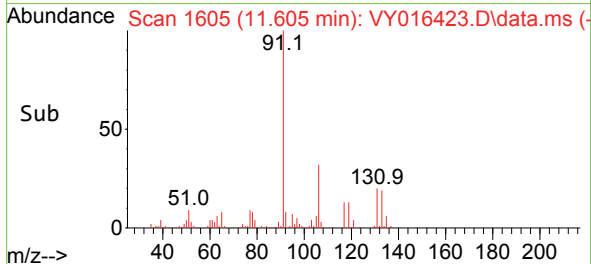
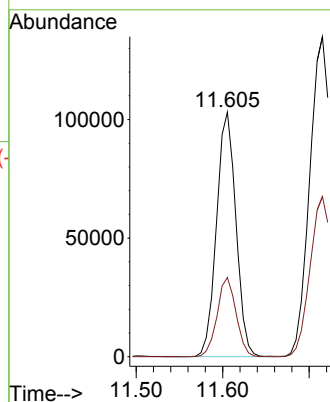
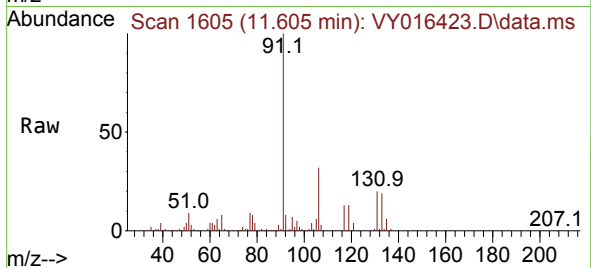
ClientSampleId :

Tgt Ion: 91 Resp: 160168

Ion Ratio Lower Upper

91 100

106 32.4 24.6 36.8



#68

m/p-Xylenes

Concen: 41.156 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016423.D

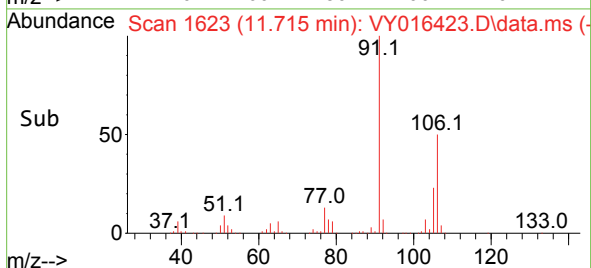
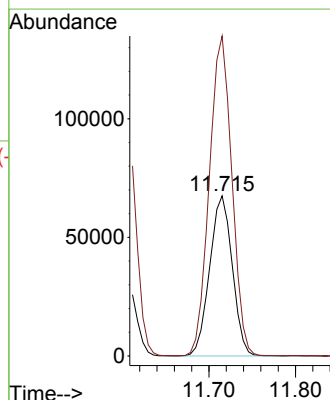
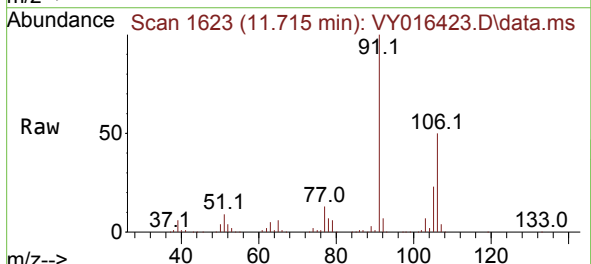
Acq: 20 Nov 2023 14:31

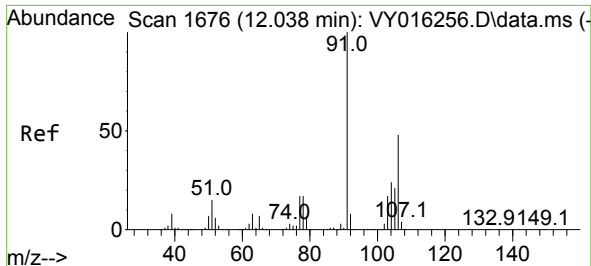
Tgt Ion:106 Resp: 122380

Ion Ratio Lower Upper

106 100

91 199.3 166.1 249.1

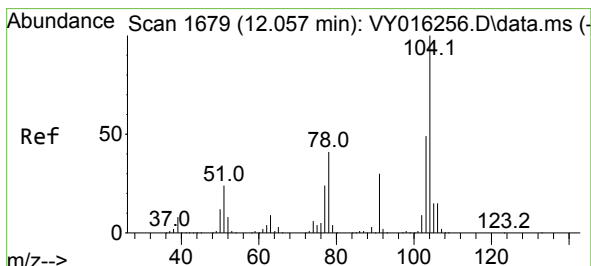
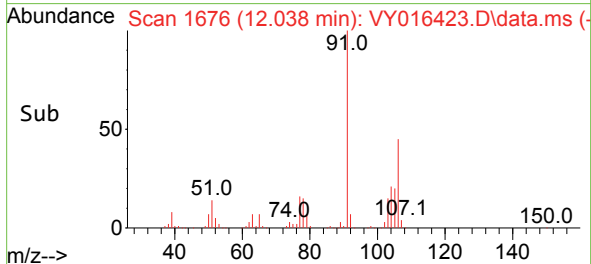
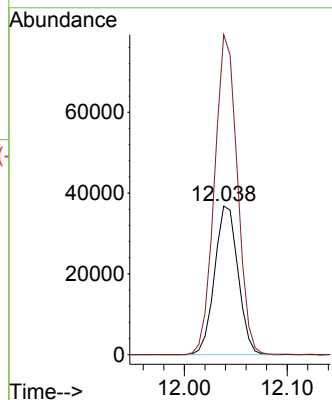
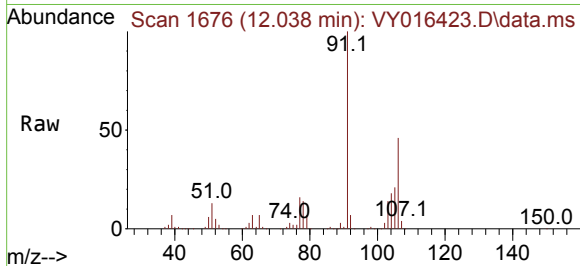




#69
o-Xylene
Concen: 21.068 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

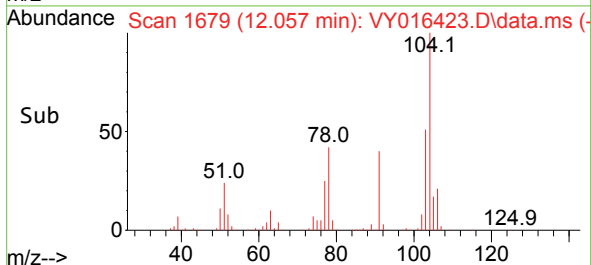
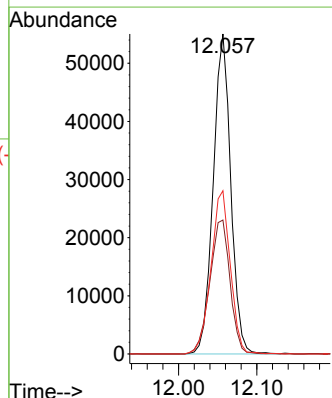
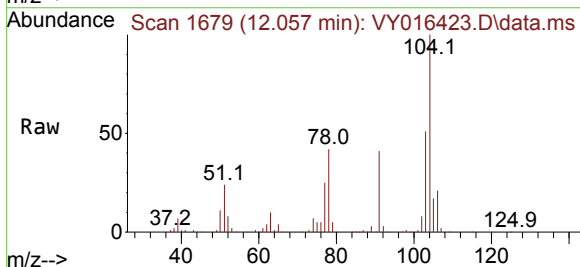
Instrument :
MSVOA_Y
ClientSampleId :

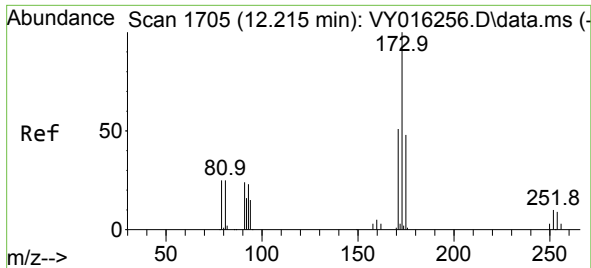
Tgt Ion:106 Resp: 58167
Ion Ratio Lower Upper
106 100
91 210.0 108.1 324.3



#70
Styrene
Concen: 21.696 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion:104 Resp: 85771
Ion Ratio Lower Upper
104 100
78 48.2 41.5 62.3
103 56.1 44.6 67.0

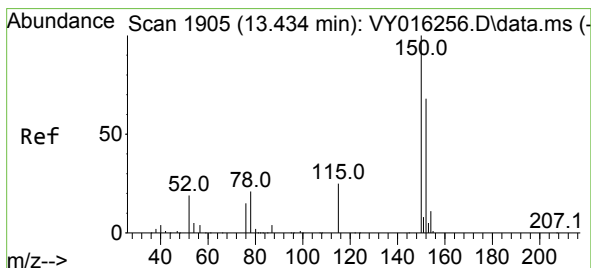
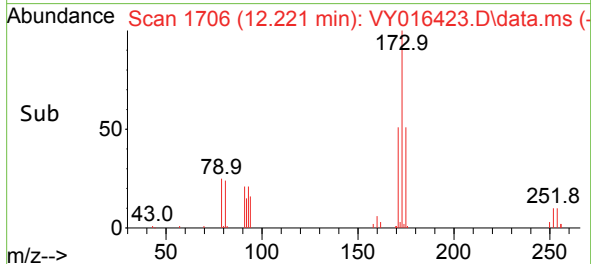
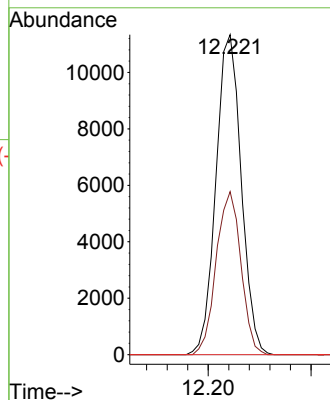
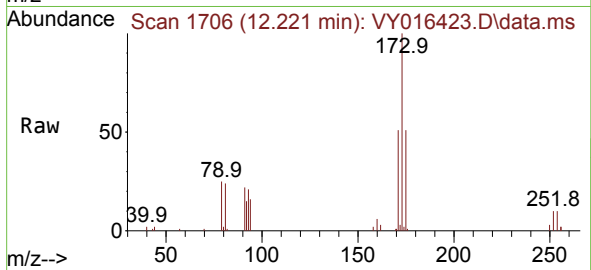




#71
Bromoform
Concen: 23.182 ug/l
RT: 12.221 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

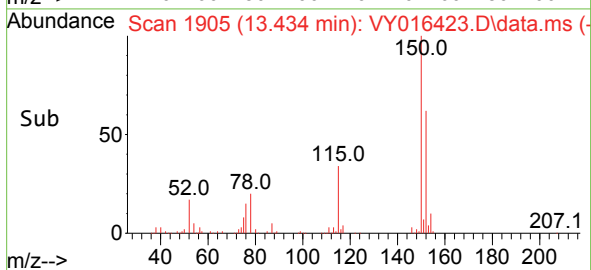
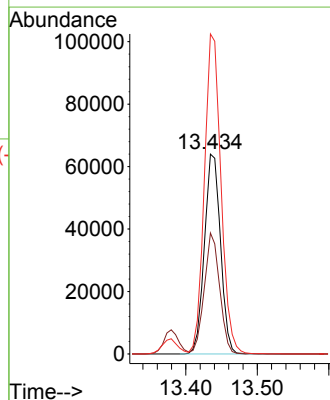
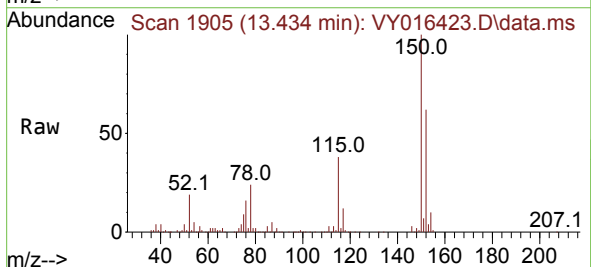
Instrument :
MSVOA_Y
ClientSampleId :

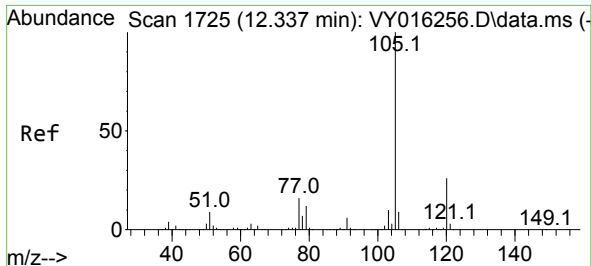
Tgt Ion:173 Resp: 19354
Ion Ratio Lower Upper
173 100
175 49.8 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

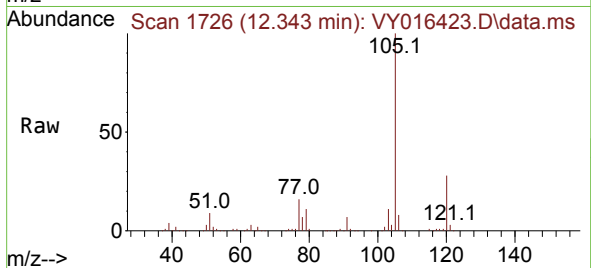
Tgt Ion:152 Resp: 99941
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.5
150 165.5 0.0 348.8



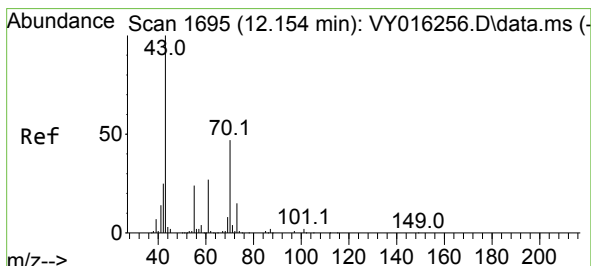
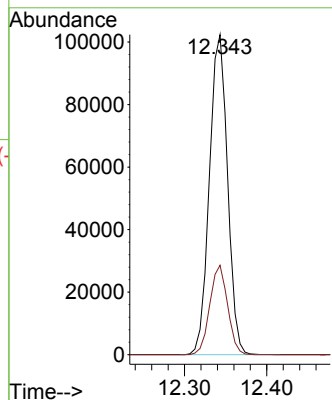
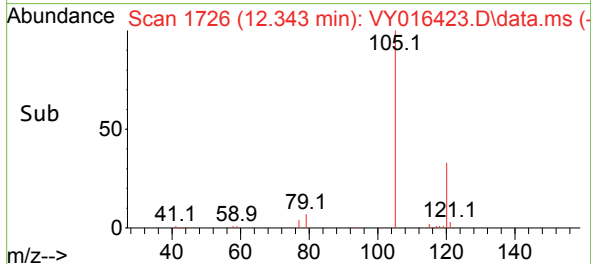


#73
Isopropylbenzene
Concen: 19.347 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :

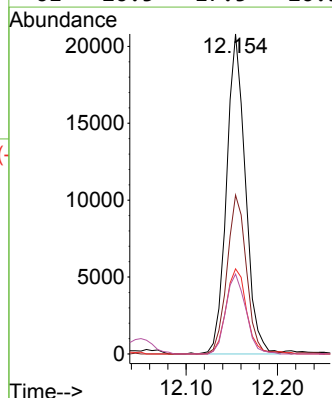
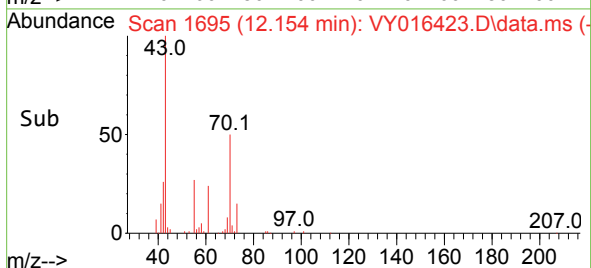
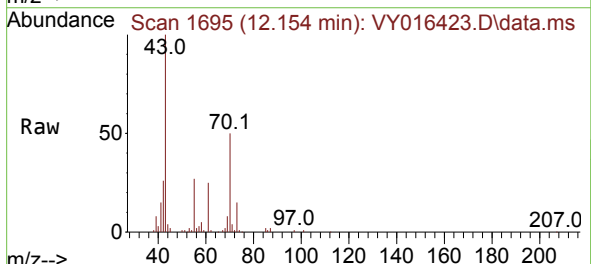


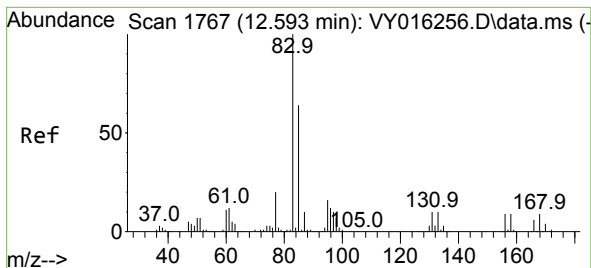
Tgt Ion:105 Resp: 156577
Ion Ratio Lower Upper
105 100
120 27.4 13.3 39.9



#74
N-ethyl acetate
Concen: 18.399 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 43 Resp: 29909
Ion Ratio Lower Upper
43 100
70 51.0 29.7 44.5#
55 29.3 18.3 27.5#
61 26.5 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 21.685 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

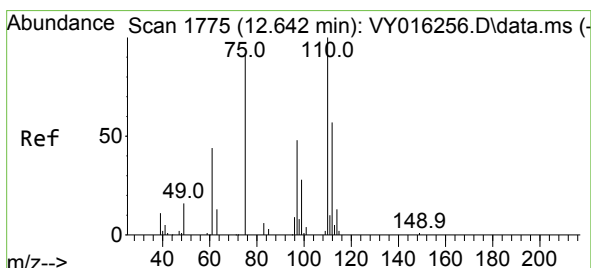
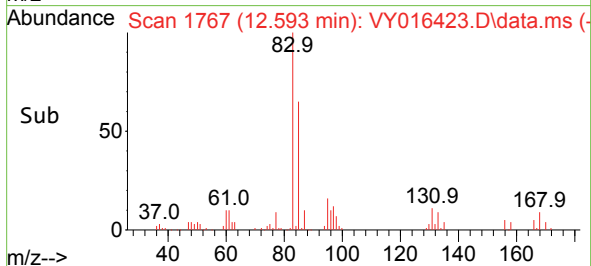
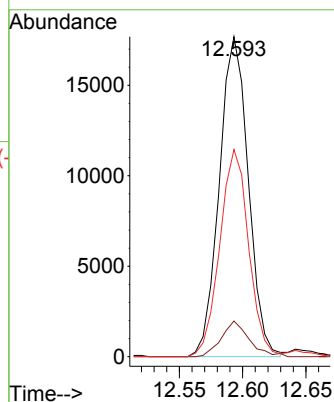
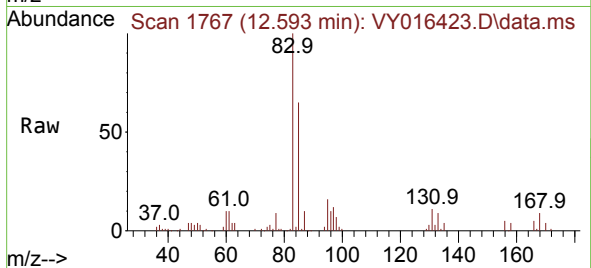
Tgt Ion: 83 Resp: 28161

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 64.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 38.011 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016423.D

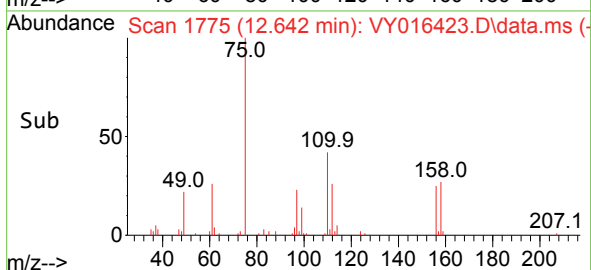
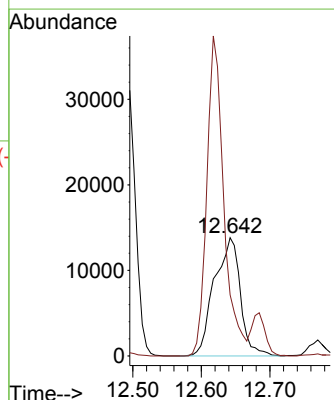
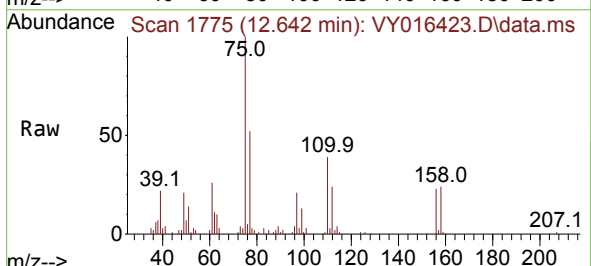
Acq: 20 Nov 2023 14:31

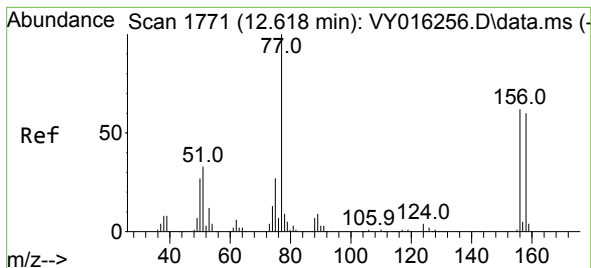
Tgt Ion: 75 Resp: 36442

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.831 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

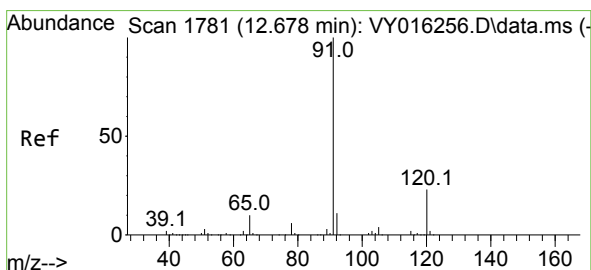
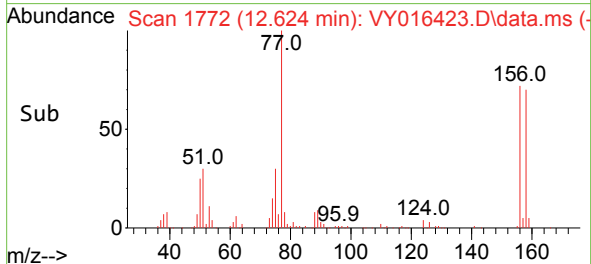
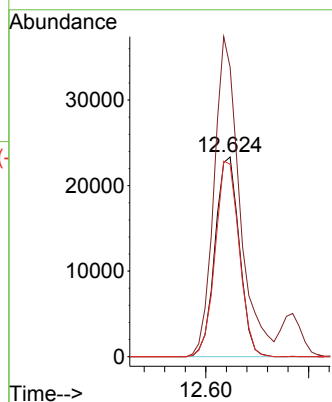
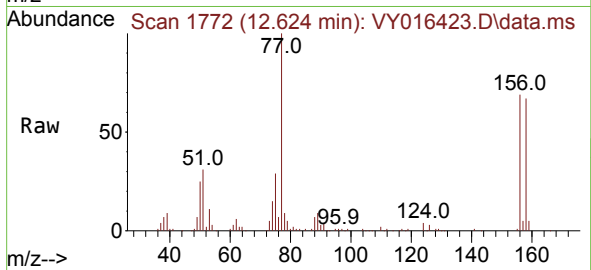
Tgt Ion:156 Resp: 38103

Ion Ratio Lower Upper

156 100

77 169.8 92.8 278.6

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 19.256 ug/l

RT: 12.685 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016423.D

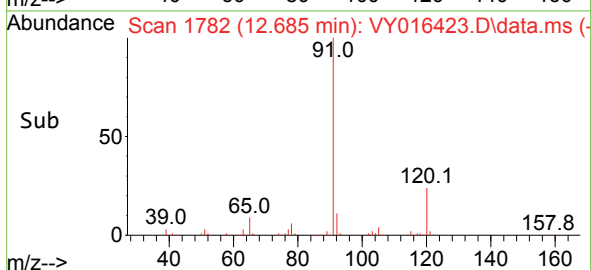
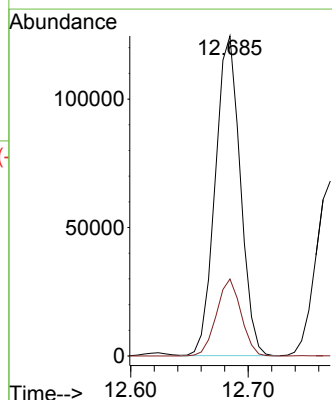
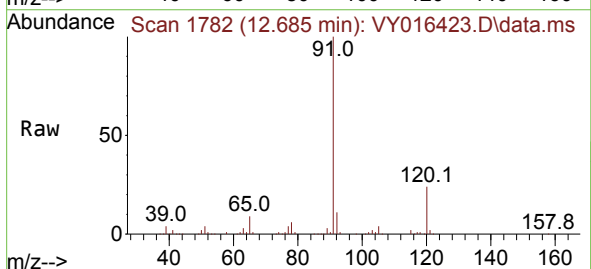
Acq: 20 Nov 2023 14:31

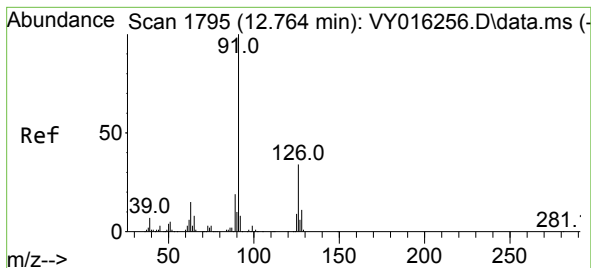
Tgt Ion: 91 Resp: 184172

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.869 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

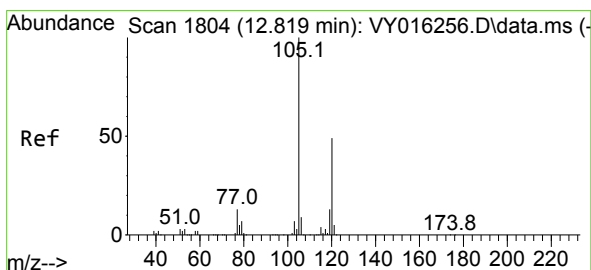
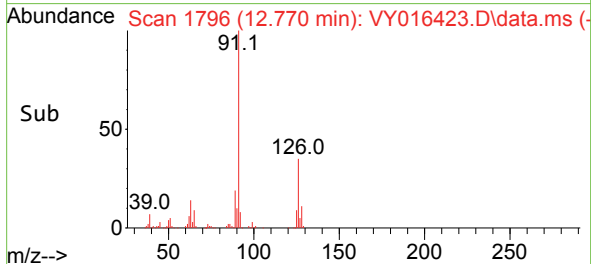
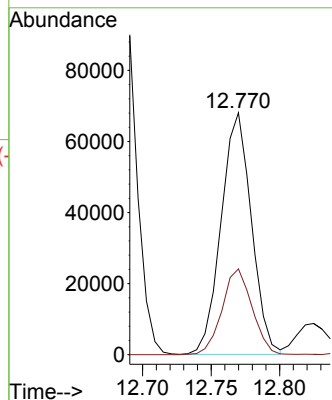
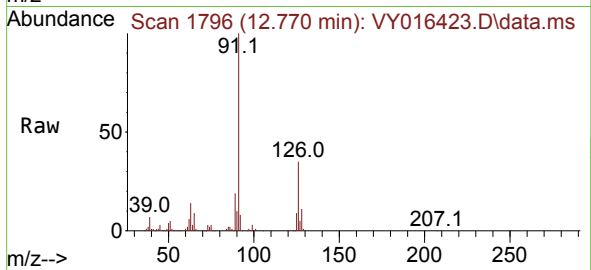
ClientSampleId :

Tgt Ion: 91 Resp: 104724

Ion Ratio Lower Upper

91 100

126 35.2 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 19.870 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY016423.D

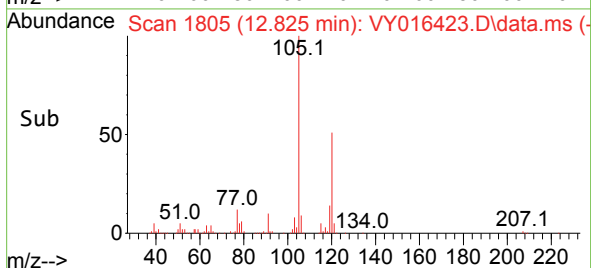
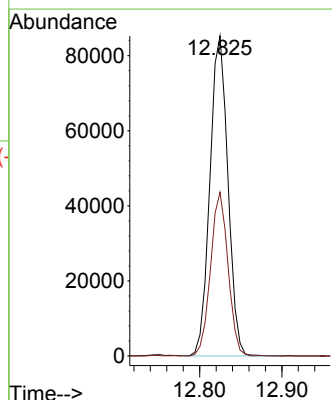
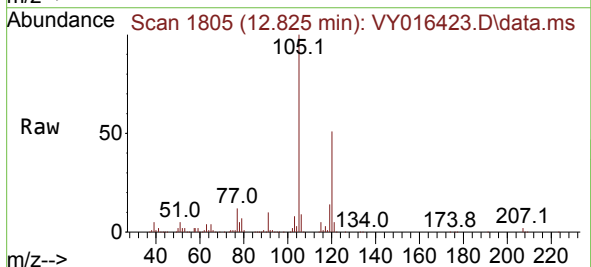
Acq: 20 Nov 2023 14:31

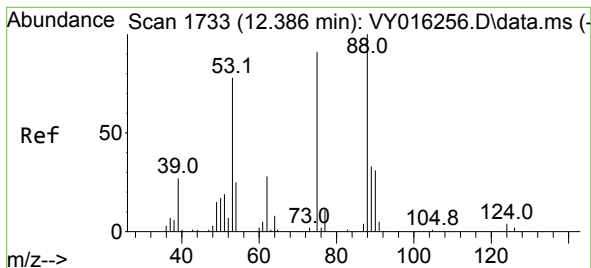
Tgt Ion:105 Resp: 129651

Ion Ratio Lower Upper

105 100

120 49.5 23.9 71.7

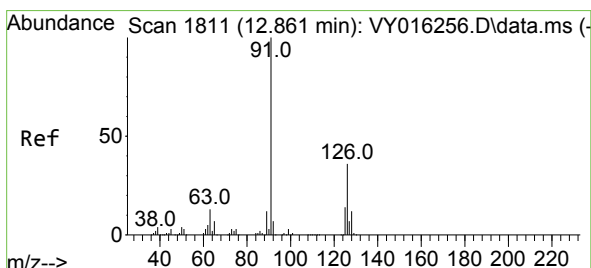
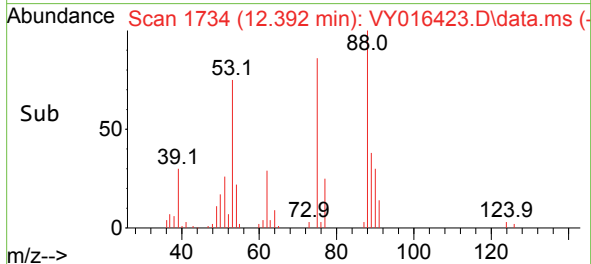
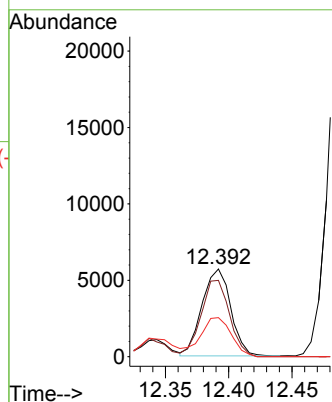
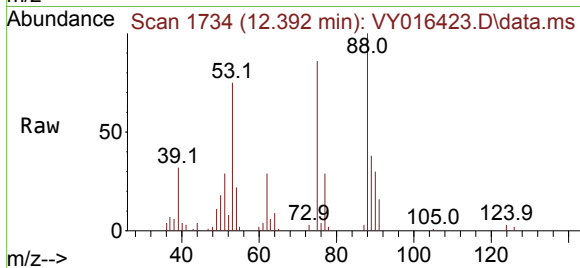




#81
trans-1,4-Dichloro-2-butene
Concen: 20.349 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

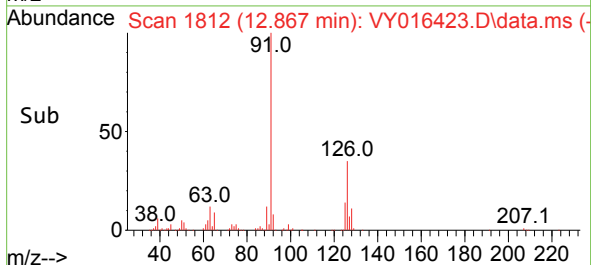
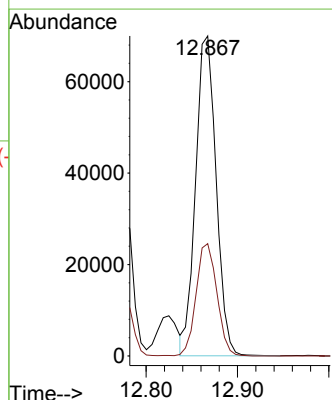
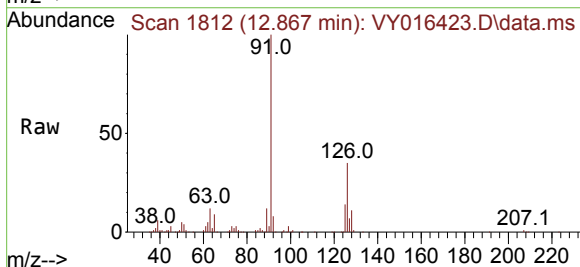
Instrument :
MSVOA_Y
ClientSampleId :

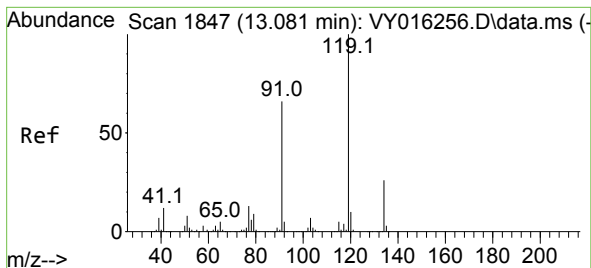
Tgt Ion: 75 Resp: 8988
Ion Ratio Lower Upper
75 100
53 86.9 77.8 116.8
89 48.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.020 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 91 Resp: 109035
Ion Ratio Lower Upper
91 100
126 35.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.802 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

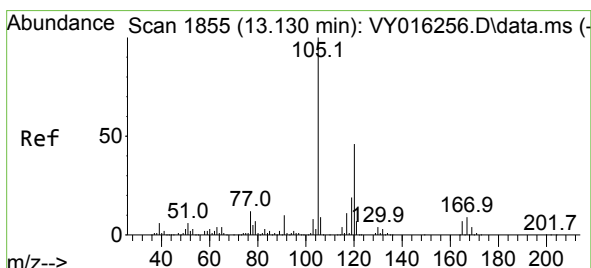
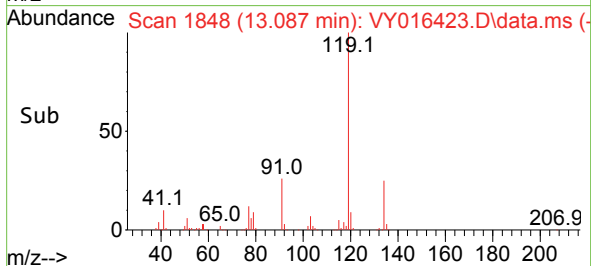
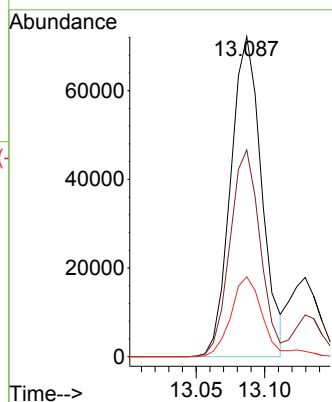
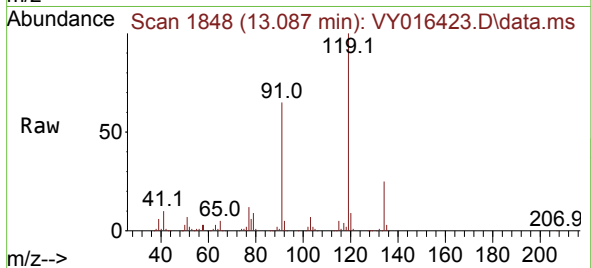
Tgt Ion:119 Resp: 113810

Ion Ratio Lower Upper

119 100

91 63.0 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.055 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016423.D

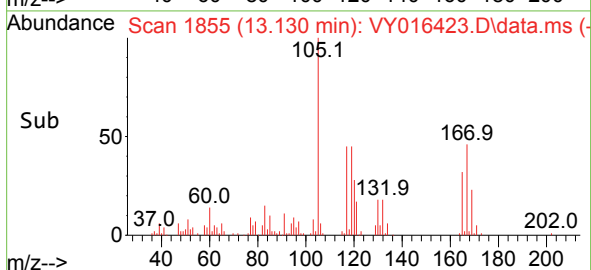
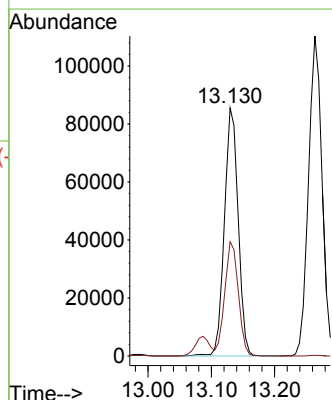
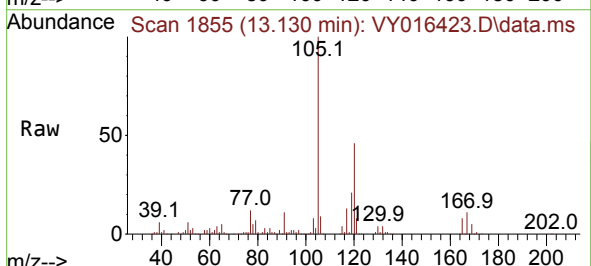
Acq: 20 Nov 2023 14:31

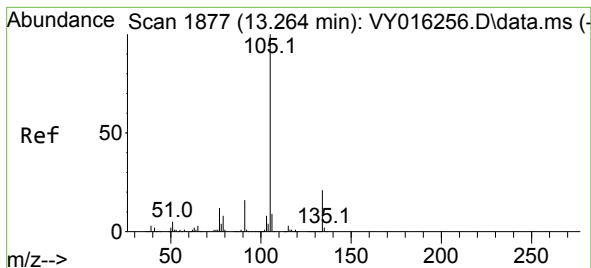
Tgt Ion:105 Resp: 128851

Ion Ratio Lower Upper

105 100

120 45.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.884 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

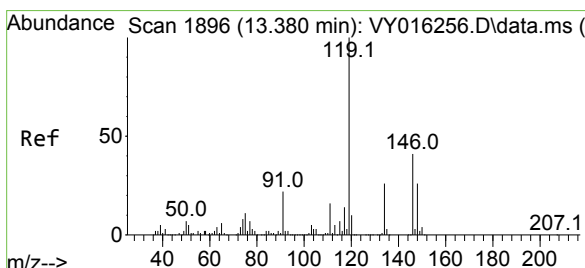
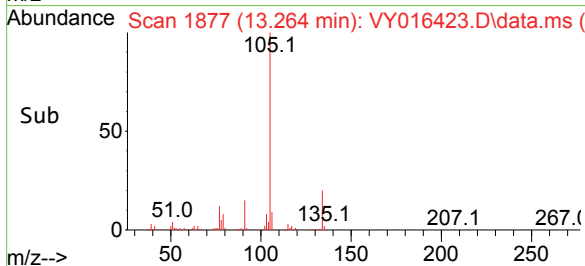
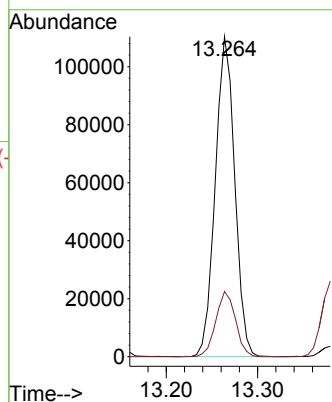
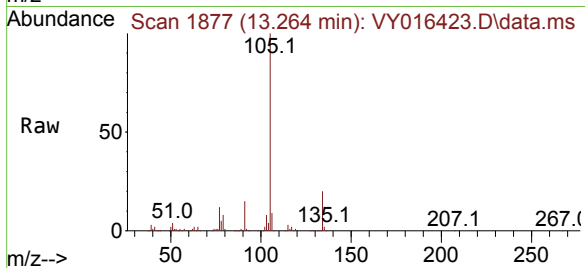
ClientSampleId :

Tgt Ion:105 Resp: 163262

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.941 ug/l

RT: 13.380 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

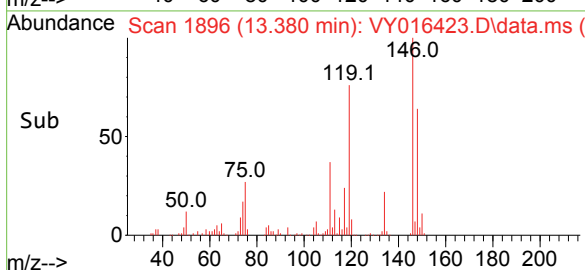
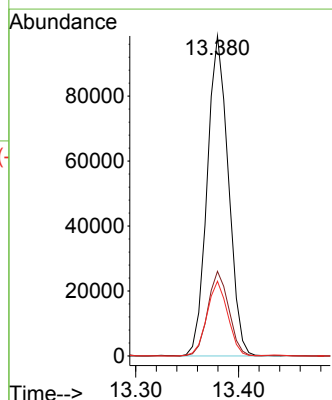
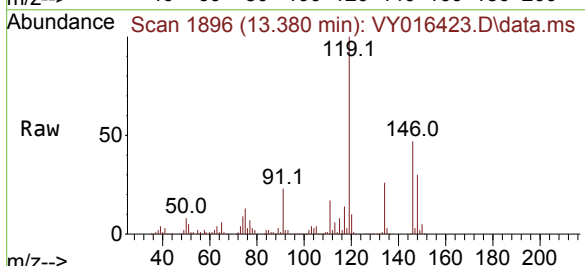
Tgt Ion:119 Resp: 140982

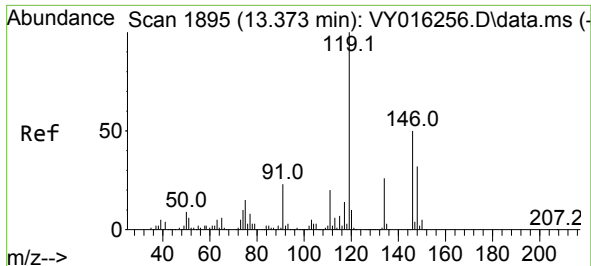
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 23.0 12.4 37.4

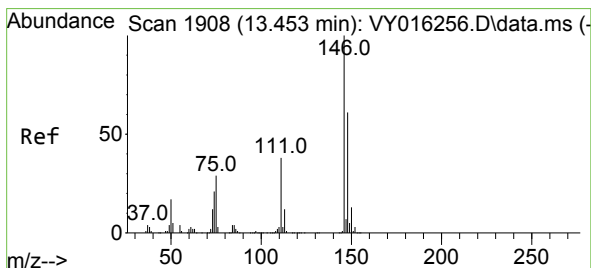
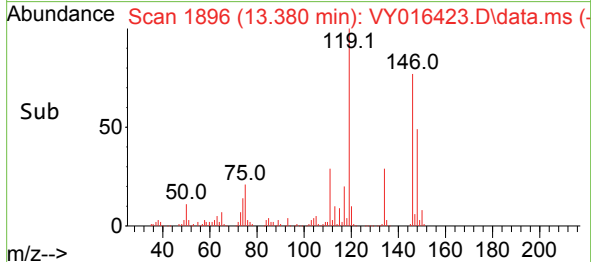
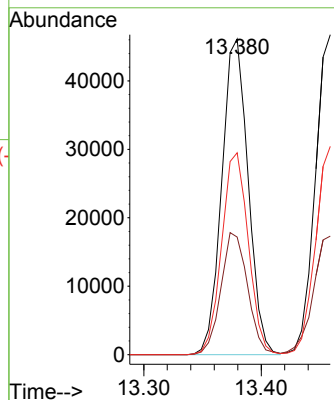
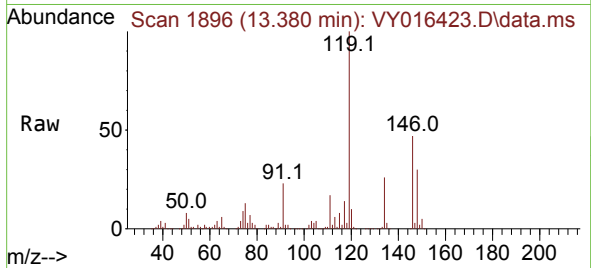




#87
 1,3-Dichlorobenzene
 Concen: 20.456 ug/l
 RT: 13.380 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY016423.D
 Acq: 20 Nov 2023 14:31

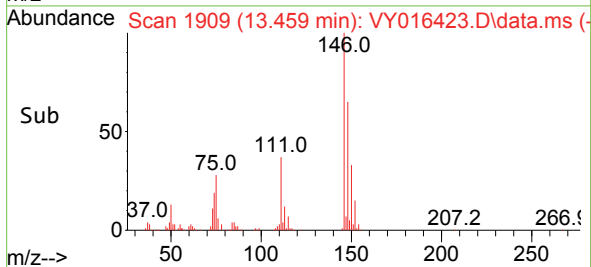
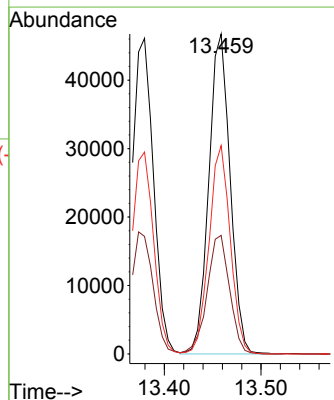
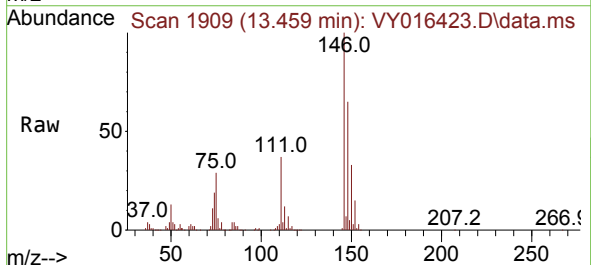
Instrument :
 MSVOA_Y
 ClientSampleId :

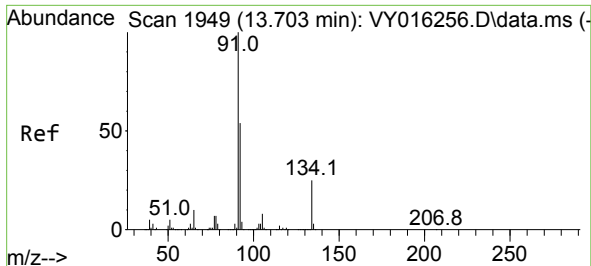
Tgt Ion:146 Resp: 71984
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.4 58.2
 148 64.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.875 ug/l
 RT: 13.459 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VY016423.D
 Acq: 20 Nov 2023 14:31

Tgt Ion:146 Resp: 71790
 Ion Ratio Lower Upper
 146 100
 111 39.1 18.9 56.7
 148 64.9 32.1 96.5

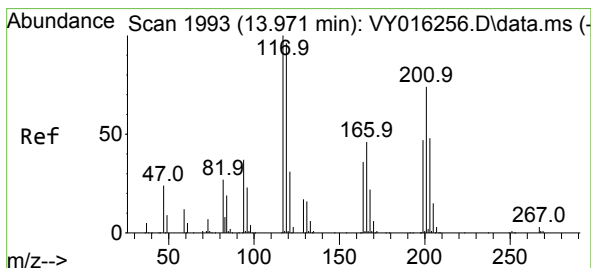
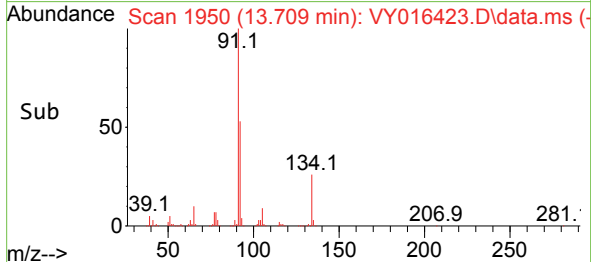
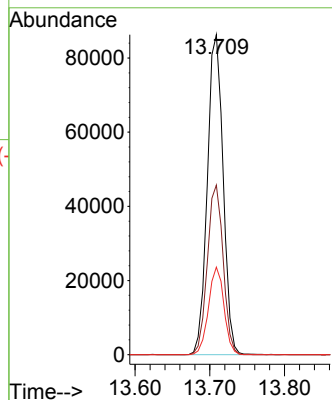
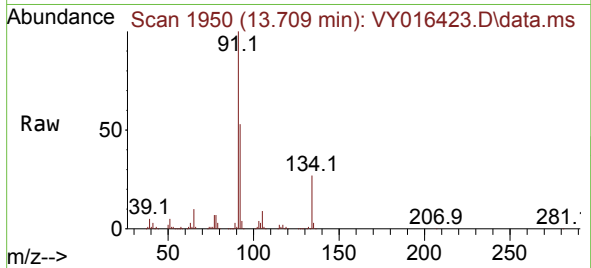




#89
n-Butylbenzene
Concen: 19.375 ug/l
RT: 13.709 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

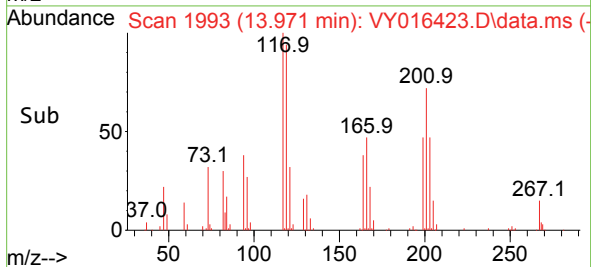
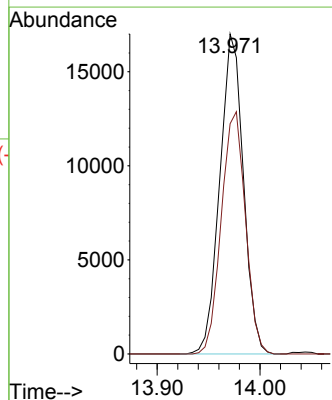
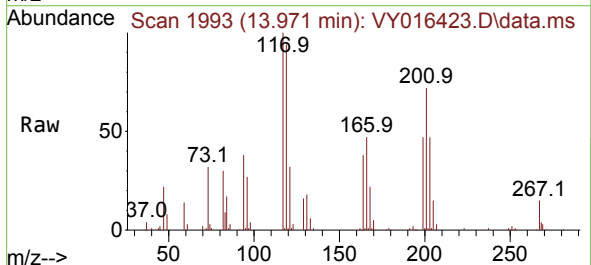
Instrument :
MSVOA_Y
ClientSampleId :

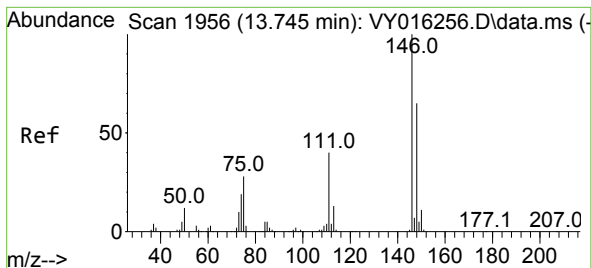
Tgt Ion: 91 Resp: 126502
Ion Ratio Lower Upper
91 100
92 53.2 25.4 76.0
134 26.8 12.6 37.6



#90
Hexachloroethane
Concen: 19.858 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VY016423.D
Acq: 20 Nov 2023 14:31

Tgt Ion: 117 Resp: 27083
Ion Ratio Lower Upper
117 100
201 77.5 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 21.279 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

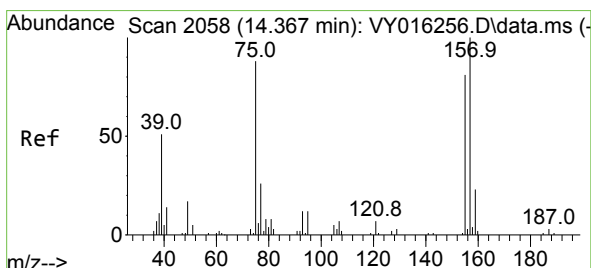
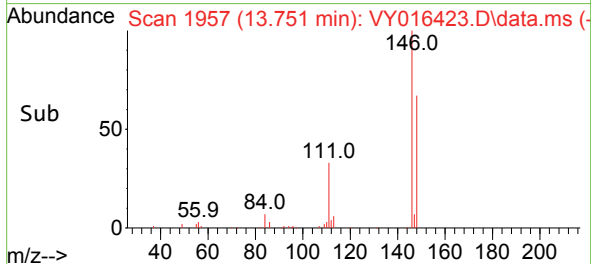
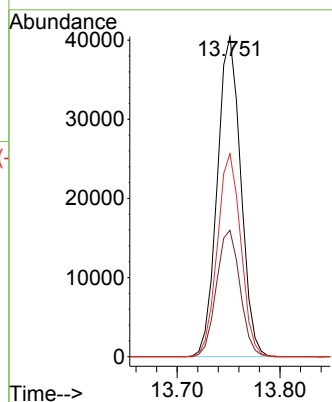
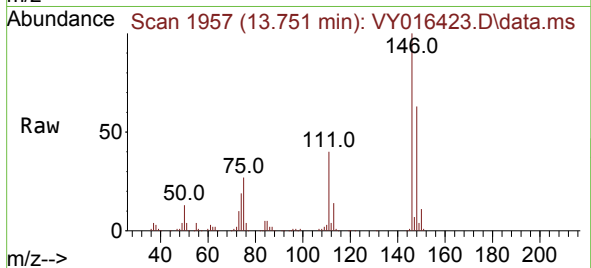
Tgt Ion:146 Resp: 64165

Ion Ratio Lower Upper

146 100

111 39.7 19.7 59.0

148 63.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.426 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

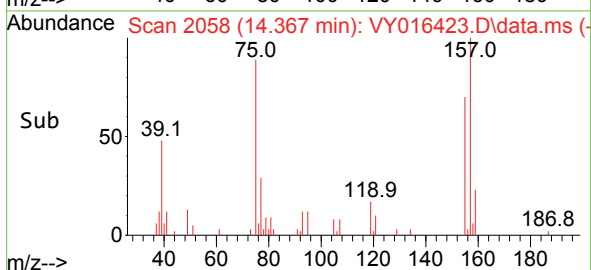
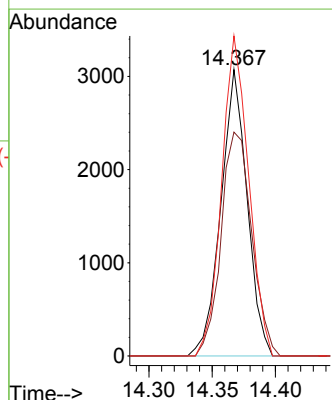
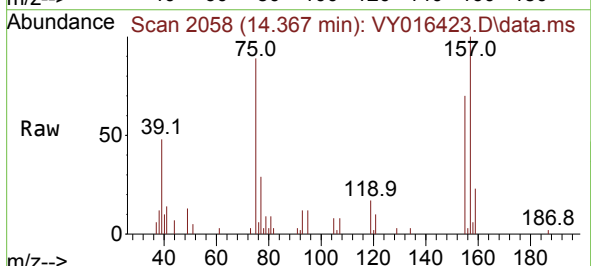
Tgt Ion: 75 Resp: 4427

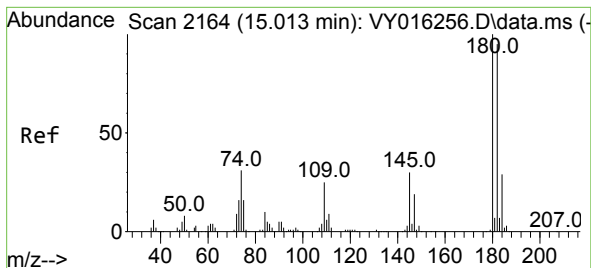
Ion Ratio Lower Upper

75 100

155 91.2 41.5 124.6

157 114.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.709 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

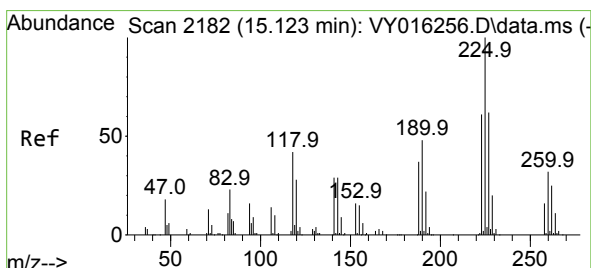
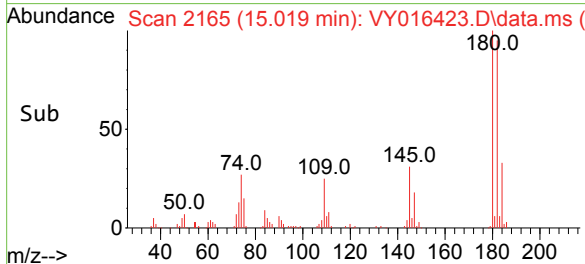
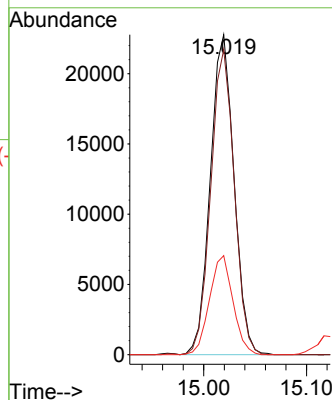
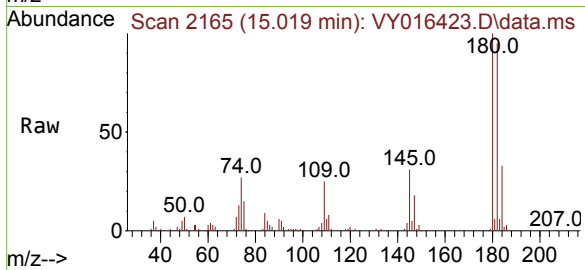
Tgt Ion:180 Resp: 36451

Ion Ratio Lower Upper

180 100

182 94.4 47.0 141.2

145 30.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.406 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

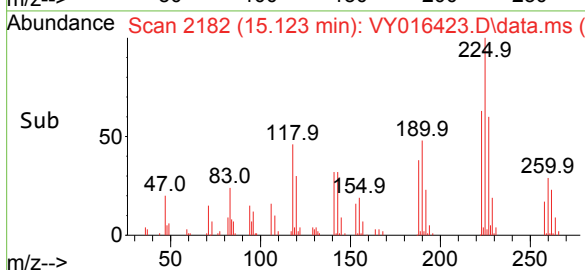
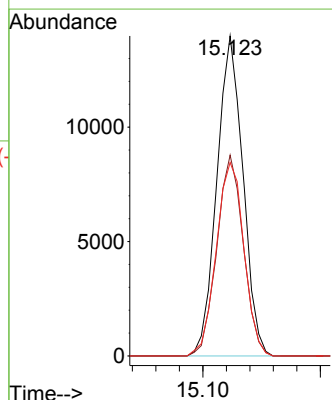
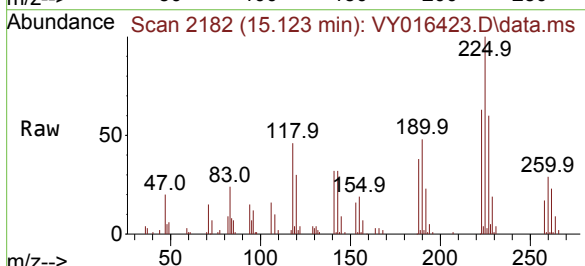
Tgt Ion:225 Resp: 21586

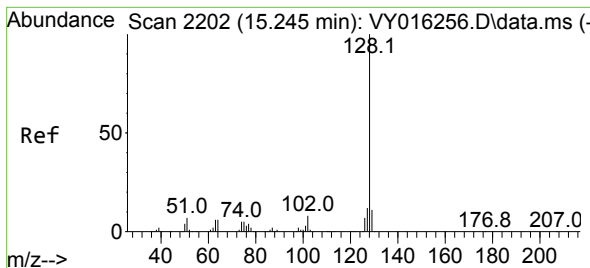
Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.9

227 64.1 33.0 98.9





#95

Naphthalene

Concen: 21.320 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

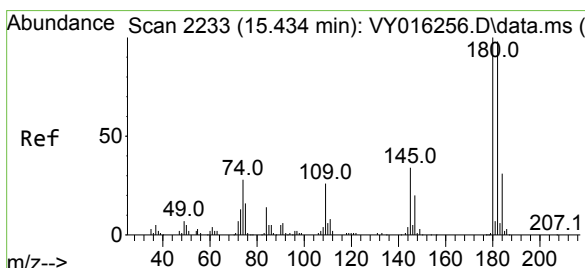
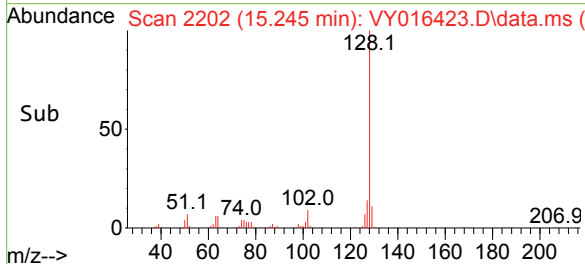
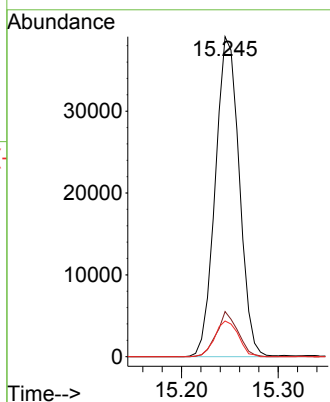
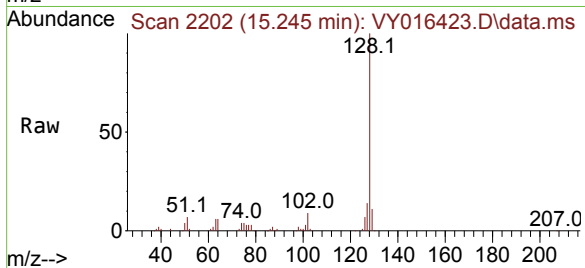
Tgt Ion:128 Resp: 67114

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.280 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016423.D

Acq: 20 Nov 2023 14:31

Tgt Ion:180 Resp: 30980

Ion Ratio Lower Upper

180 100

182 93.8 47.3 141.8

145 33.3 15.4 46.2

