

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092723\
 Data File : VY015723.D
 Acq On : 27 Sep 2023 13:49
 Operator : SY/MD
 Sample : VY0927SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 28 00:45:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	149722	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	249224	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	227299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88569	53.764	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.520%	
35) Dibromofluoromethane	7.722	113	79647	53.394	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.780%	
50) Toluene-d8	10.185	98	287095	56.763	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.520%	
62) 4-Bromofluorobenzene	12.483	95	104995	52.898	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	19165	19.419	ug/l	97
3) Chloromethane	2.113	50	23425	18.814	ug/l	100
4) Vinyl Chloride	2.253	62	27851	19.564	ug/l	96
5) Bromomethane	2.650	94	19230	16.003	ug/l	98
6) Chloroethane	2.790	64	19083	18.086	ug/l	99
7) Trichlorofluoromethane	3.119	101	50116	20.992	ug/l	98
8) Diethyl Ether	3.534	74	20593	20.227	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	31150	20.839	ug/l	96
10) Methyl Iodide	4.088	142	27485	17.512	ug/l	97
11) Tert butyl alcohol	4.930	59	35361	65.249	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	25739	19.541	ug/l	93
13) Acrolein	3.735	56	23233	92.088	ug/l	99
14) Allyl chloride	4.479	41	47392	19.678	ug/l	95
15) Acrylonitrile	5.180	53	80872	108.282	ug/l	98
16) Acetone	3.973	43	102703	116.497	ug/l	94
17) Carbon Disulfide	4.198	76	40495	15.825	ug/l	99
18) Methyl Acetate	4.491	43	61685	20.854	ug/l	95
19) Methyl tert-butyl Ether	5.235	73	114253	21.297	ug/l	99
20) Methylene Chloride	4.722	84	56010	26.761	ug/l	92
21) trans-1,2-Dichloroethene	5.228	96	29563	19.636	ug/l	96
22) Diisopropyl ether	6.131	45	119505	20.619	ug/l	94
23) Vinyl Acetate	6.070	43	377819	105.613	ug/l	95
24) 1,1-Dichloroethane	6.027	63	65219	20.645	ug/l	95
25) 2-Butanone	6.996	43	140608	112.838	ug/l	99
26) 2,2-Dichloropropane	6.990	77	59422	20.580	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	41248	20.637	ug/l	96
28) Bromochloromethane	7.338	49	15336	17.893	ug/l	99
29) Tetrahydrofuran	7.362	42	76880	109.157	ug/l	95
30) Chloroform	7.515	83	70117	20.726	ug/l	95
31) Cyclohexane	7.789	56	44431	19.469	ug/l	92
32) 1,1,1-Trichloroethane	7.710	97	59180	21.190	ug/l	99
36) 1,1-Dichloropropene	7.923	75	44797	20.311	ug/l	99
37) Ethyl Acetate	7.082	43	52590	23.905	ug/l	98
38) Carbon Tetrachloride	7.905	117	50171	20.956	ug/l	94
39) Methylcyclohexane	9.191	83	48393	19.837	ug/l	94
40) Benzene	8.167	78	137669	20.468	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	23755	20.054	ug/l	96
42) 1,2-Dichloroethane	8.246	62	49694	21.573	ug/l	95
43) Isopropyl Acetate	8.283	43	82991	22.084	ug/l	99
44) Trichloroethene	8.947	130	40140	21.367	ug/l	97
45) 1,2-Dichloropropane	9.222	63	39435	21.024	ug/l	100
46) Dibromomethane	9.313	93	25016	20.850	ug/l	97
47) Bromodichloromethane	9.502	83	56975	21.304	ug/l	95
48) Methyl methacrylate	9.301	41	35263	21.378	ug/l	89
49) 1,4-Dioxane	9.325	88	12102	510.557	ug/l #	48
51) 4-Methyl-2-Pentanone	10.075	43	263805	113.257	ug/l	94
52) Toluene	10.246	92	92005	21.218	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	59612	20.786	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	63315	20.510	ug/l	92
55) 1,1,2-Trichloroethane	10.648	97	39303	22.353	ug/l	97
56) Ethyl methacrylate	10.514	69	55592	21.454	ug/l	89
57) 1,3-Dichloropropane	10.795	76	64155	21.758	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	82230	99.905	ug/l	96
59) 2-Hexanone	10.837	43	211613	118.416	ug/l	92
60) Dibromochloromethane	10.990	129	43432	21.160	ug/l	96
61) 1,2-Dibromoethane	11.093	107	36707	21.339	ug/l	99
64) Tetrachloroethene	10.721	164	43147	22.125	ug/l	97
65) Chlorobenzene	11.520	112	105476	21.259	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	42199	21.896	ug/l	98
67) Ethyl Benzene	11.599	91	185406	21.380	ug/l	99
68) m/p-Xylenes	11.703	106	142276	43.164	ug/l	94
69) o-Xylene	12.032	106	68957	21.335	ug/l	99
70) Styrene	12.050	104	120274	21.740	ug/l	98
71) Bromoform	12.209	173	31174	22.322	ug/l #	97
73) Isopropylbenzene	12.331	105	187446	21.335	ug/l	99
74) N-amyl acetate	12.148	43	73285	22.193	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	52896	21.633	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	71272	38.146	ug/l #	100
77) Bromobenzene	12.611	156	45831	21.251	ug/l	95
78) n-propylbenzene	12.672	91	224168	21.002	ug/l	100
79) 2-Chlorotoluene	12.758	91	128090	21.053	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	156424	21.267	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	17710	21.345	ug/l	96
82) 4-Chlorotoluene	12.855	91	131851	20.759	ug/l	99
83) tert-Butylbenzene	13.075	119	142233	22.079	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	158193	21.495	ug/l	98
85) sec-Butylbenzene	13.258	105	207387	21.512	ug/l	100
86) p-Isopropyltoluene	13.373	119	171817	21.336	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	90769	21.215	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	92610	21.643	ug/l	99
89) n-Butylbenzene	13.696	91	161830	21.222	ug/l	97
90) Hexachloroethane	13.959	117	32564	20.952	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	86558	21.916	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11241	23.147	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	55040	22.136	ug/l	99
94) Hexachlorobutadiene	15.111	225	28155	22.112	ug/l	97
95) Naphthalene	15.233	128	145756	22.481	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51873	22.603	ug/l	98

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QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration

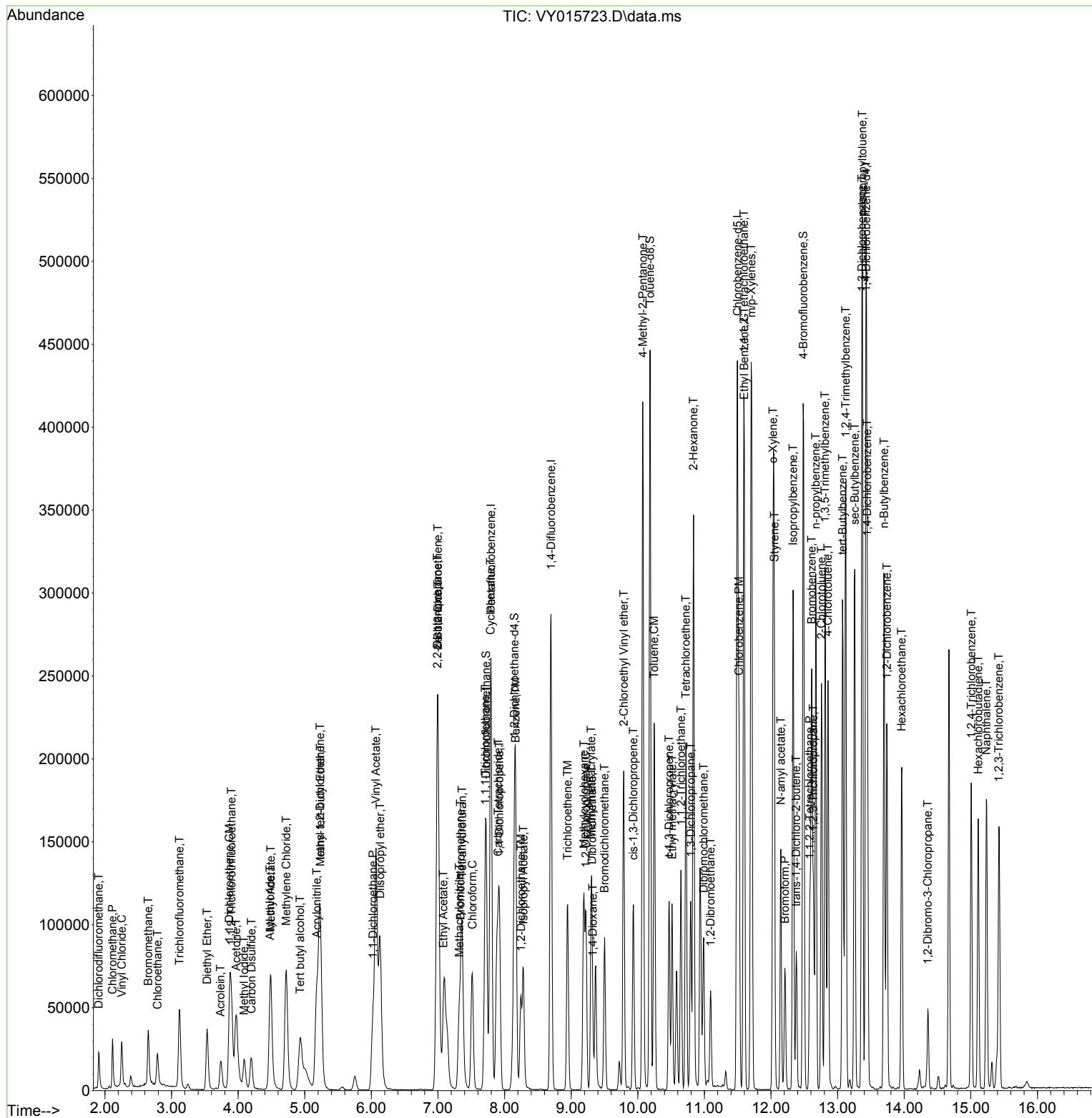
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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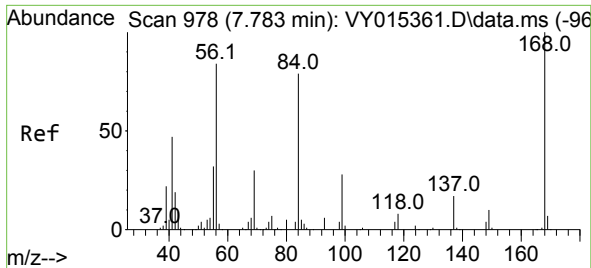
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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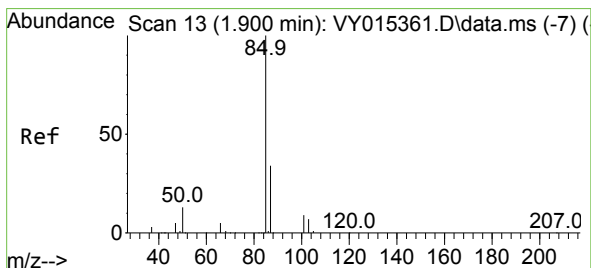
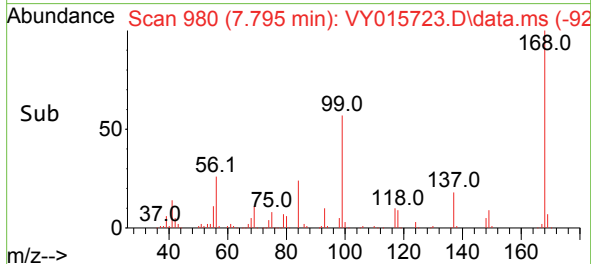
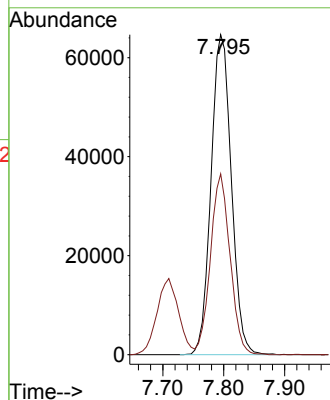
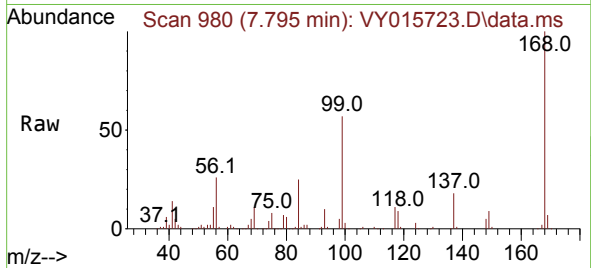




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015723.D
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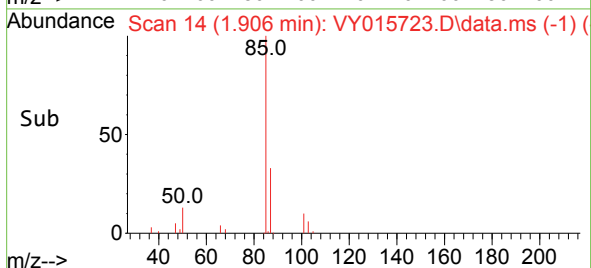
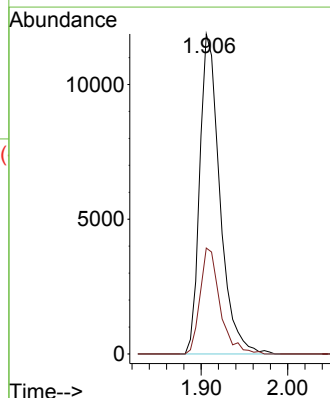
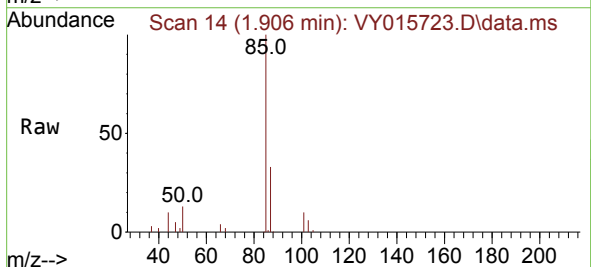
Instrument :
MSVOA_Y
ClientSampleId :

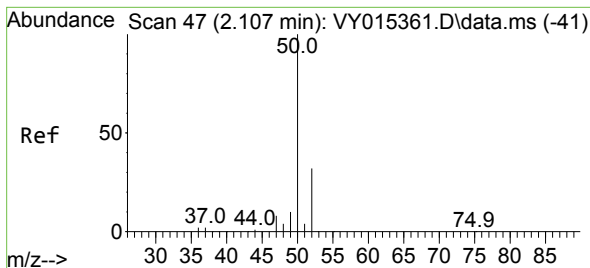
Tgt Ion:168 Resp: 149722
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.419 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion: 85 Resp: 19165
Ion Ratio Lower Upper
85 100
87 33.1 15.6 46.8





#3

Chloromethane

Concen: 18.814 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

Instrument :

MSVOA_Y

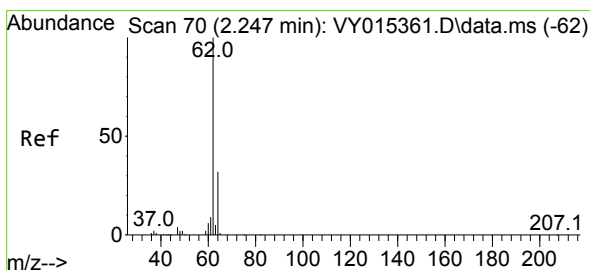
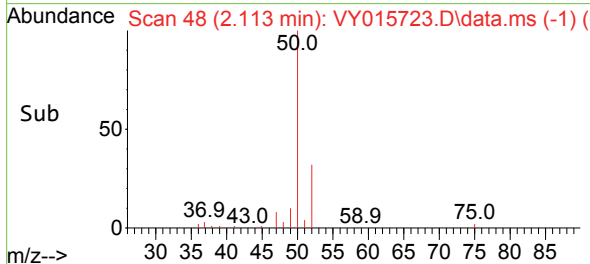
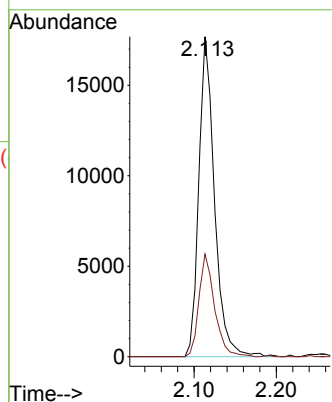
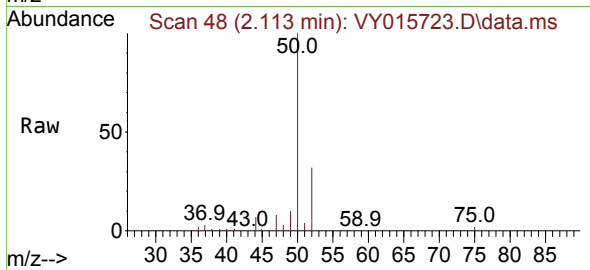
ClientSampleId :

Tgt Ion: 50 Resp: 23425

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 19.564 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.012 min

Lab File: VY015723.D

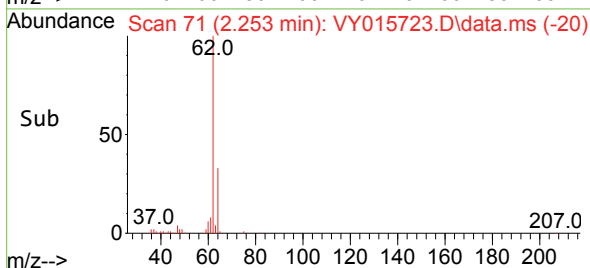
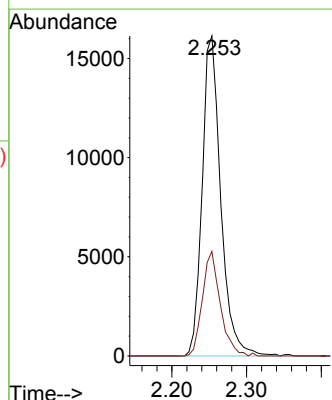
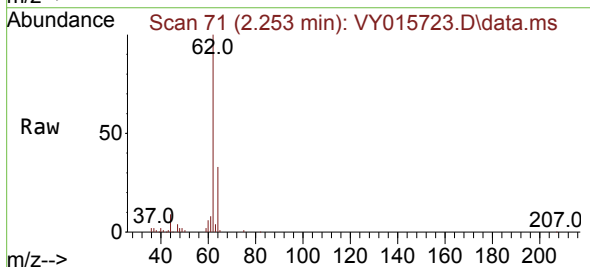
Acq: 27 Sep 2023 13:49

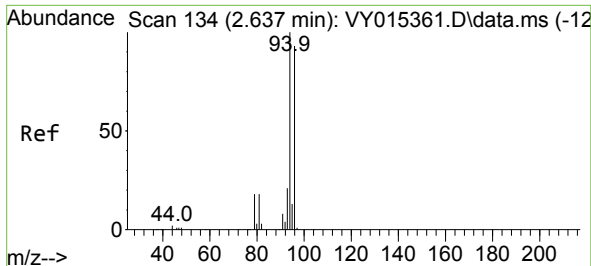
Tgt Ion: 62 Resp: 27851

Ion Ratio Lower Upper

62 100

64 32.7 24.3 36.5

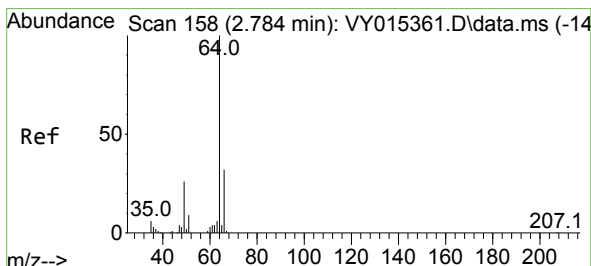
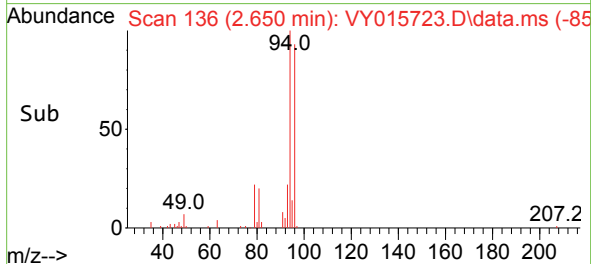
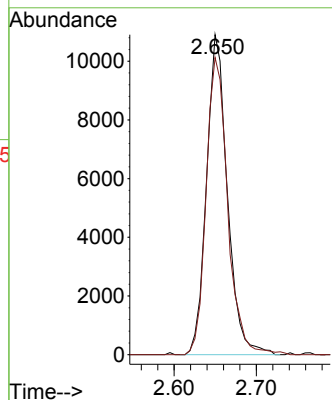
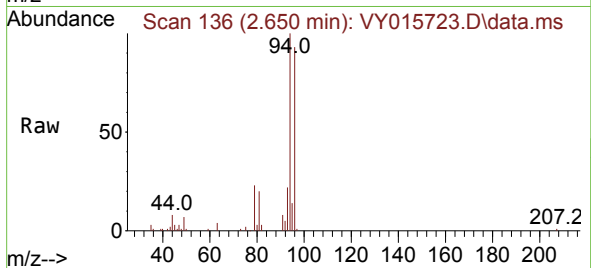




#5
Bromomethane
Concen: 16.003 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY015723.D
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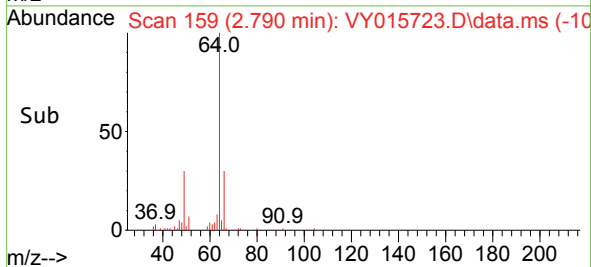
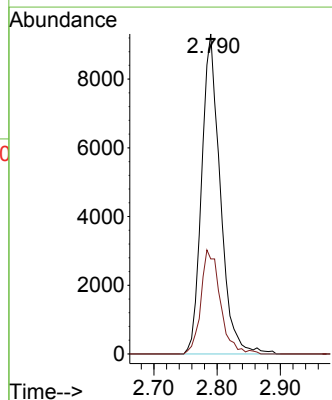
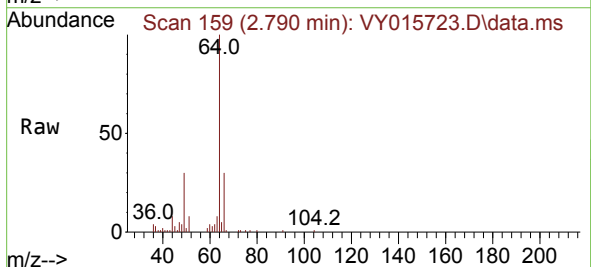
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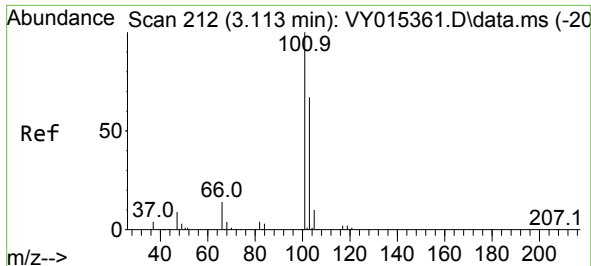
Tgt Ion: 94 Resp: 19230
Ion Ratio Lower Upper
94 100
96 92.9 75.8 113.6



#6
Chloroethane
Concen: 18.086 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion: 64 Resp: 19083
Ion Ratio Lower Upper
64 100
66 29.7 24.4 36.6

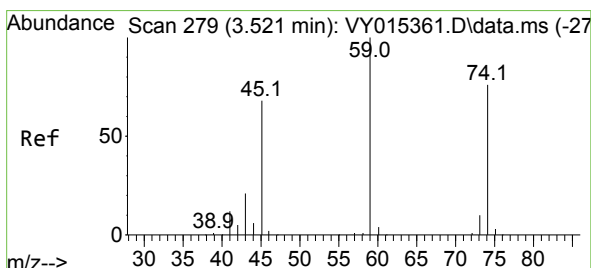
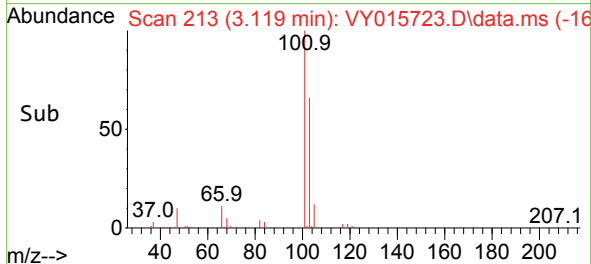
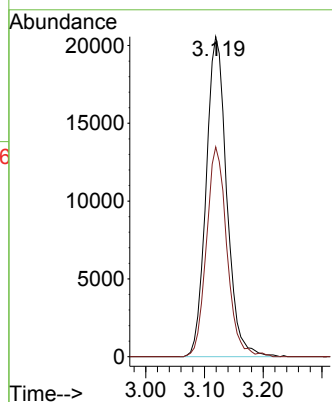
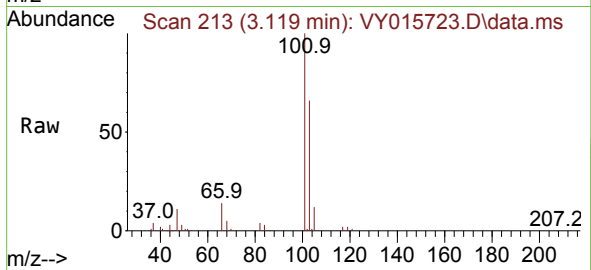




#7
Trichlorofluoromethane
Concen: 20.992 ug/l
RT: 3.119 min Scan# 212
Delta R.T. 0.006 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

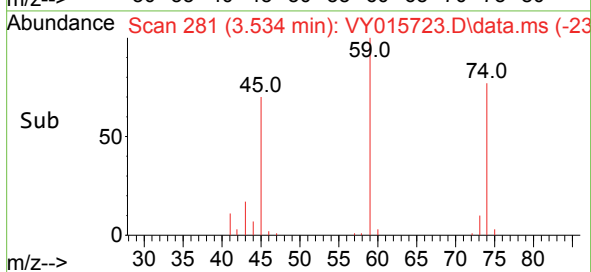
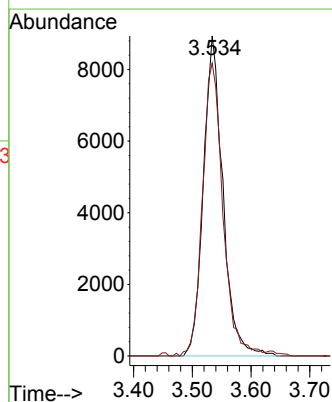
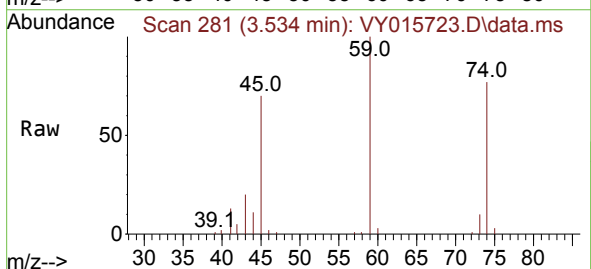
Instrument :
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ClientSampleId :

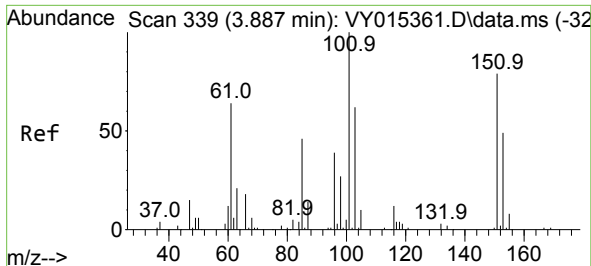
Tgt Ion:101 Resp: 50116
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.0



#8
Diethyl Ether
Concen: 20.227 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.013 min
Lab File: VY015723.D
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Tgt Ion: 74 Resp: 20593
Ion Ratio Lower Upper
74 100
45 96.3 51.5 154.5

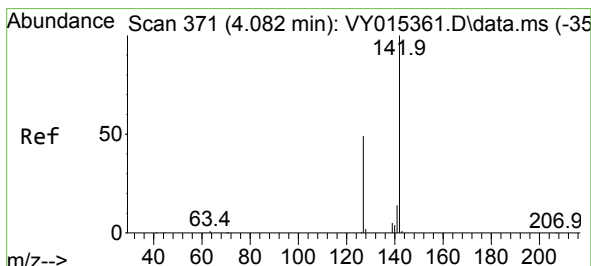
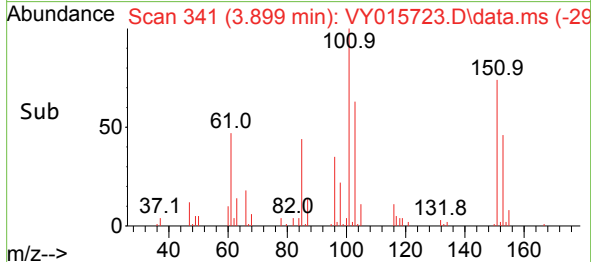
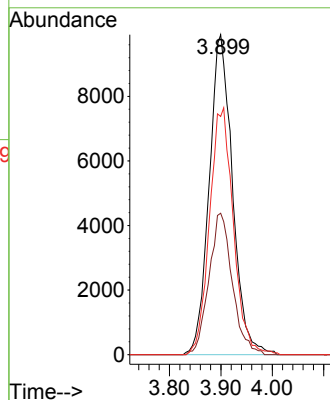
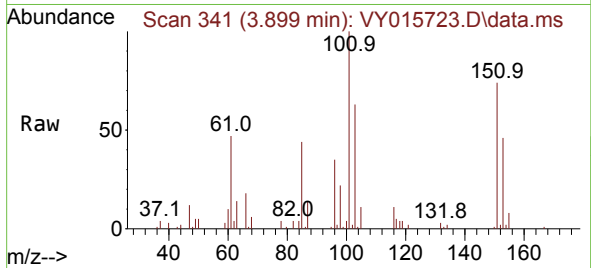




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.839 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

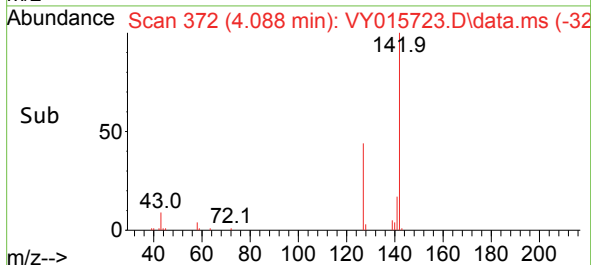
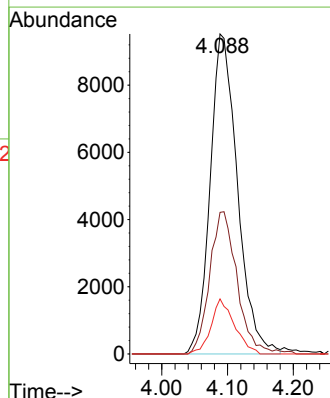
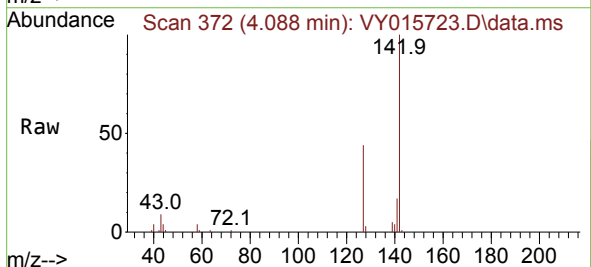
Instrument :
MSVOA_Y
ClientSampleId :

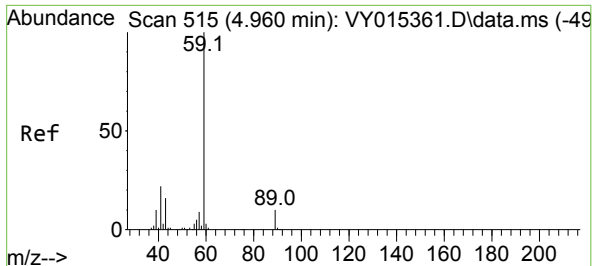
Tgt Ion:101 Resp: 31150
Ion Ratio Lower Upper
101 100
85 44.4 36.6 55.0
151 79.1 67.0 100.6



#10
Methyl Iodide
Concen: 17.512 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion:142 Resp: 27485
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 14.8 11.8 17.8

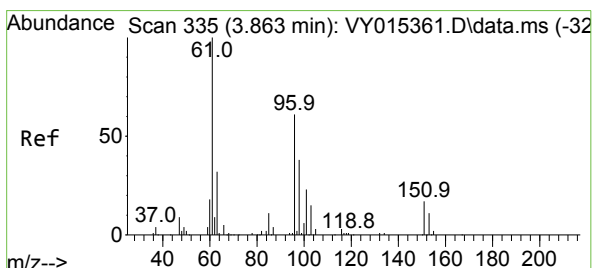
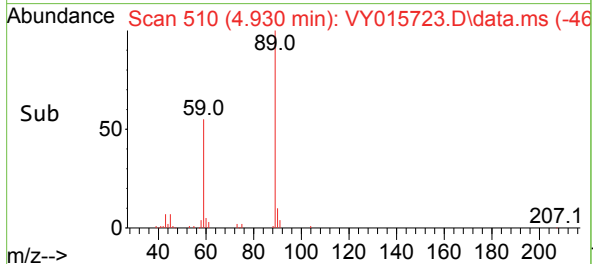
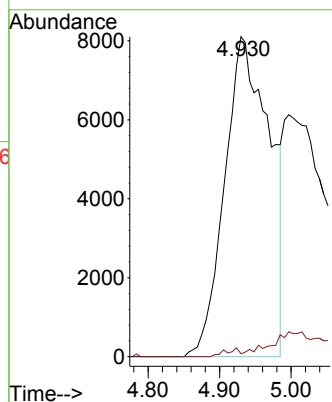
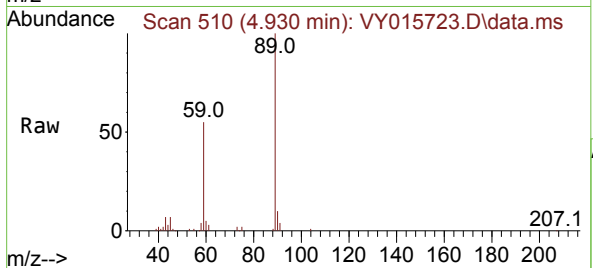




#11
Tert butyl alcohol
Concen: 65.249 ug/l
RT: 4.930 min Scan# 515
Delta R.T. -0.024 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

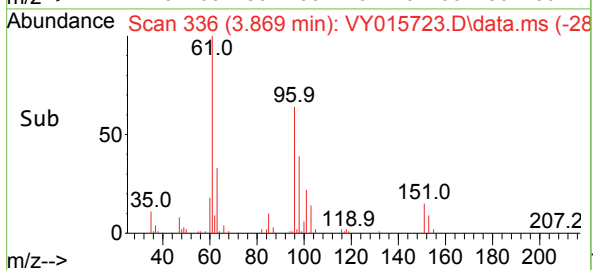
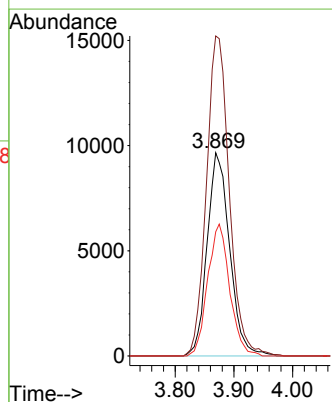
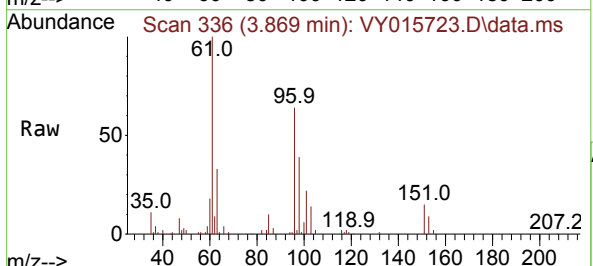
Instrument :
MSVOA_Y
ClientSampleId :

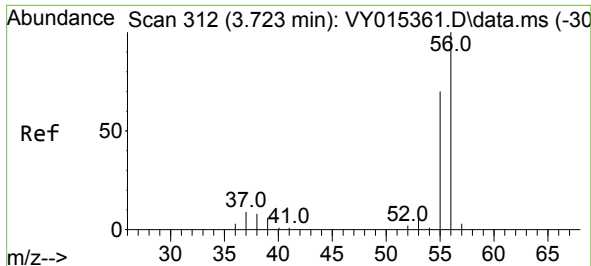
Tgt Ion: 59 Resp: 35361
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.541 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion: 96 Resp: 25739
Ion Ratio Lower Upper
96 100
61 157.5 136.4 204.6
98 61.1 49.4 74.2

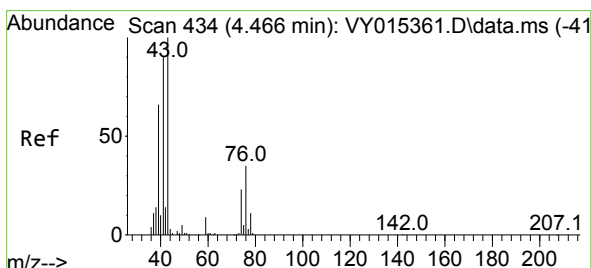
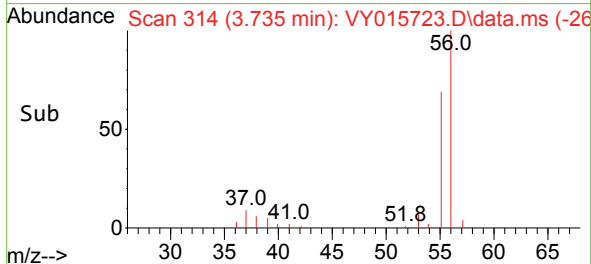
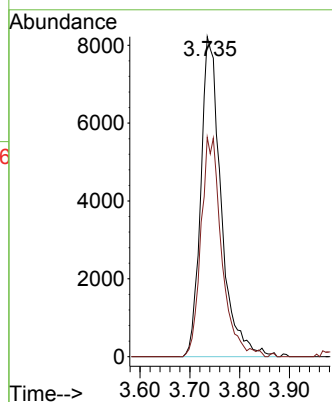
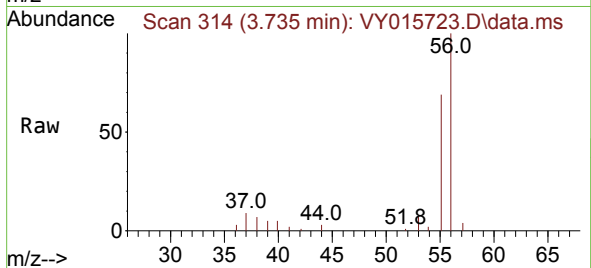




#13
Acrolein
Concen: 92.088 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

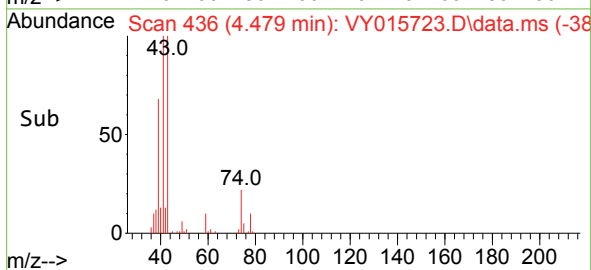
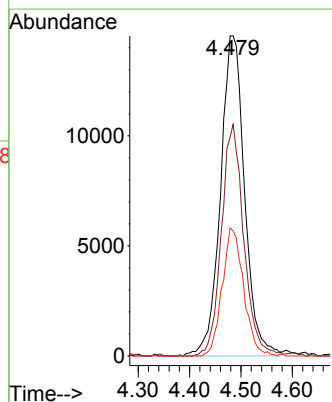
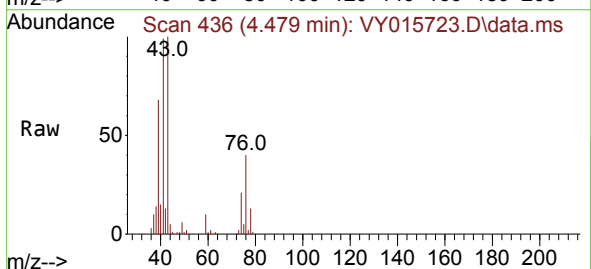
Instrument :
MSVOA_Y
ClientSampleId :

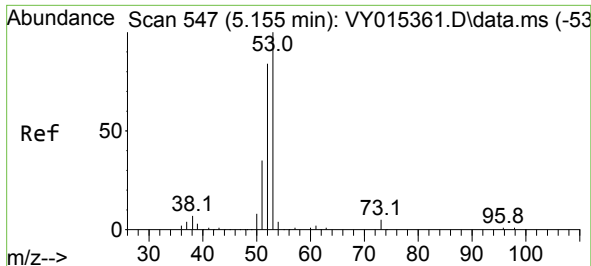
Tgt Ion: 56 Resp: 23233
Ion Ratio Lower Upper
56 100
55 70.2 57.0 85.4



#14
Allyl chloride
Concen: 19.678 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion: 41 Resp: 47392
Ion Ratio Lower Upper
41 100
39 67.0 58.0 87.0
76 35.5 27.4 41.2

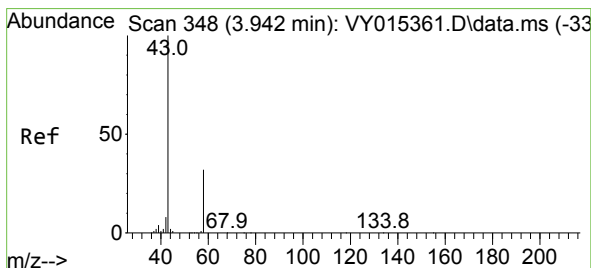
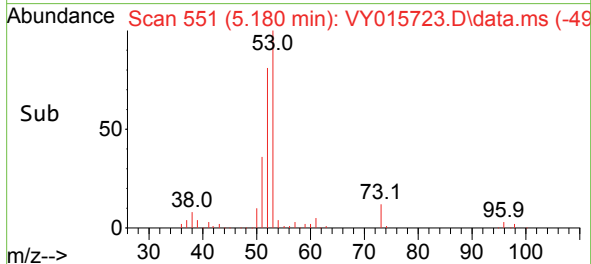
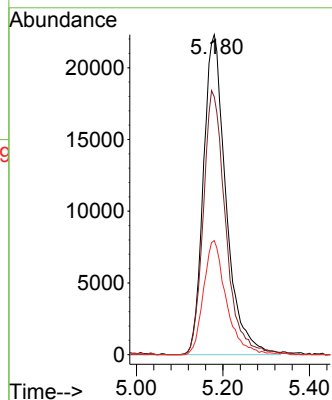
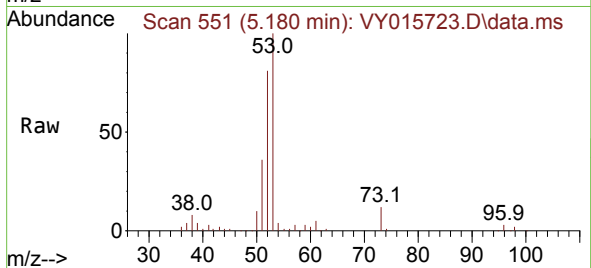




#15
Acrylonitrile
Concen: 108.282 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

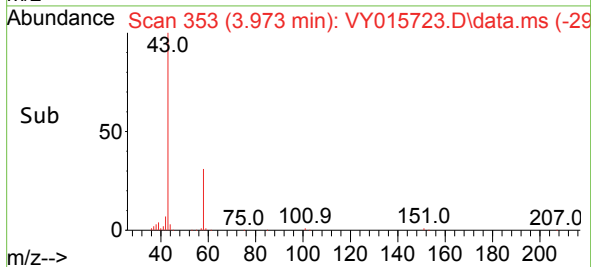
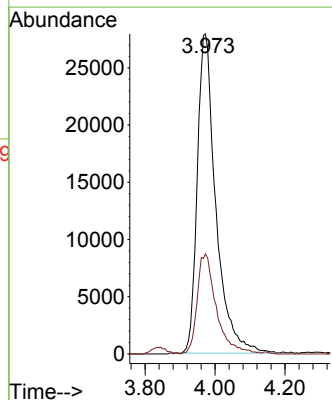
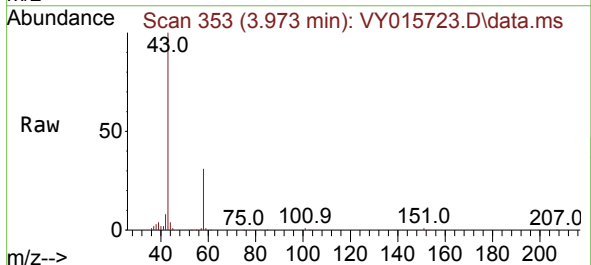
Instrument :
MSVOA_Y
ClientSampleId :

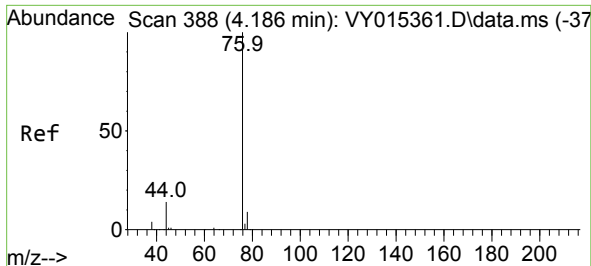
Tgt Ion: 53 Resp: 80872
Ion Ratio Lower Upper
53 100
52 81.5 66.9 100.3
51 36.2 29.8 44.6



#16
Acetone
Concen: 116.497 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.031 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion: 43 Resp: 102703
Ion Ratio Lower Upper
43 100
58 31.4 22.7 34.1

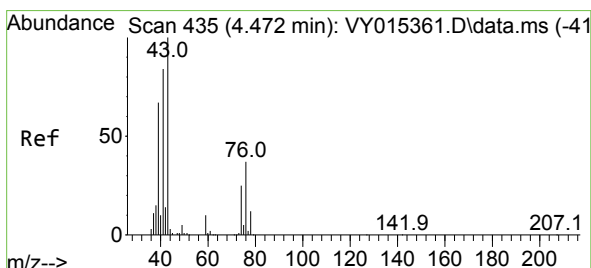
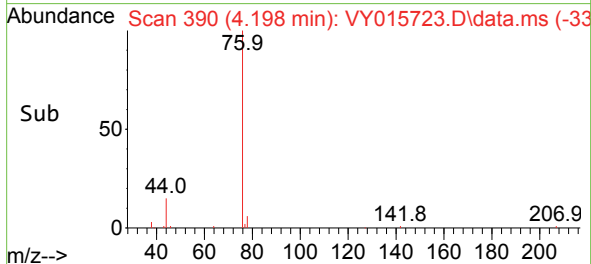
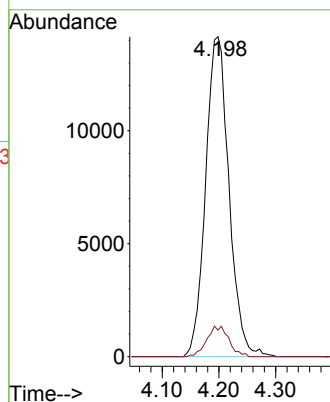
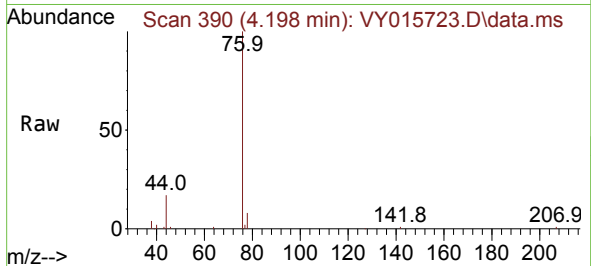




#17
Carbon Disulfide
Concen: 15.825 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

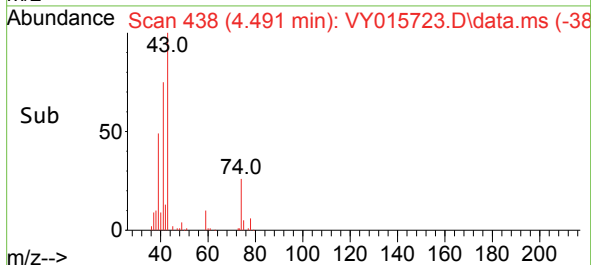
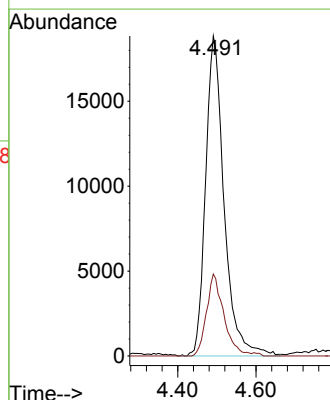
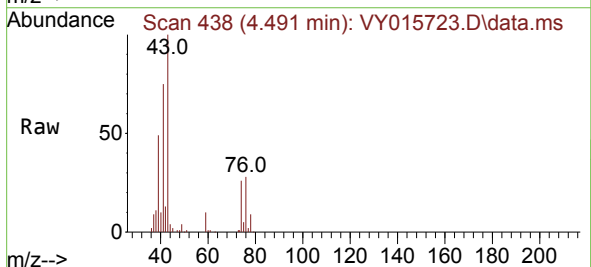
Instrument :
MSVOA_Y
ClientSampleId :

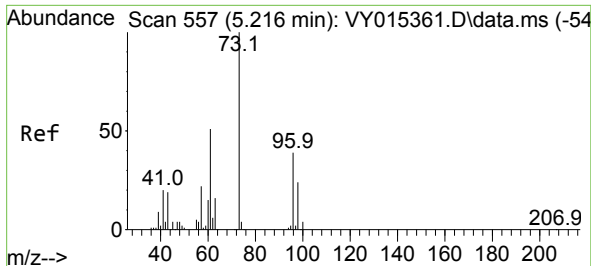
Tgt Ion: 76 Resp: 40495
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.4



#18
Methyl Acetate
Concen: 20.854 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.019 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

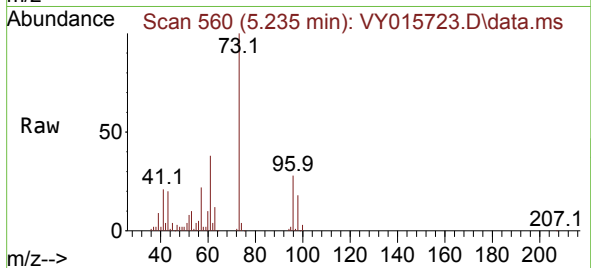
Tgt Ion: 43 Resp: 61685
Ion Ratio Lower Upper
43 100
74 24.0 17.4 26.0



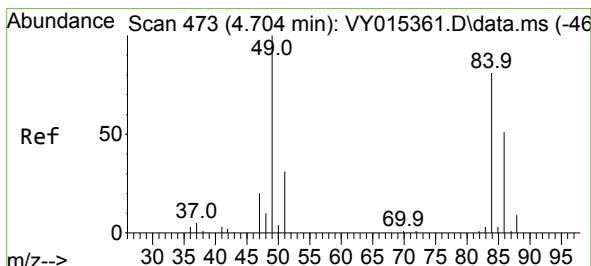
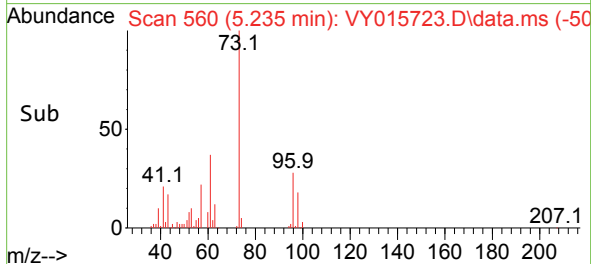
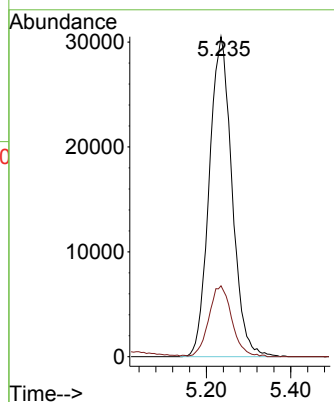


#19
Methyl tert-butyl Ether
Concen: 21.297 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :

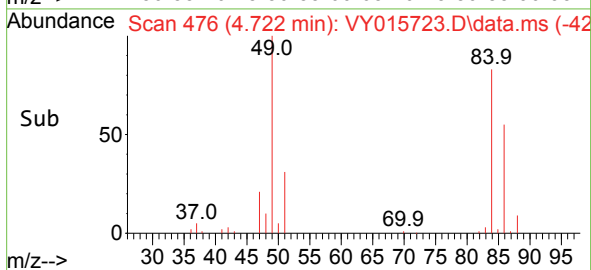
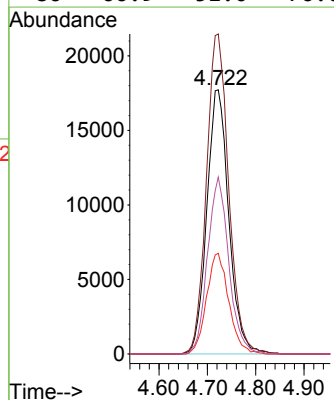
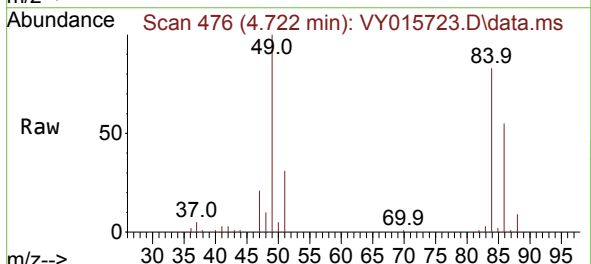


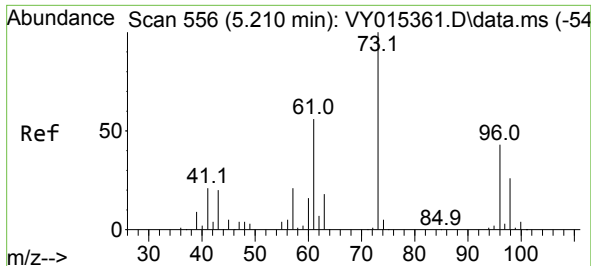
Tgt Ion: 73 Resp: 114253
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 26.761 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.018 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion: 84 Resp: 56010
Ion Ratio Lower Upper
84 100
49 121.1 106.9 160.3
51 38.1 33.2 49.8
86 66.9 51.0 76.6

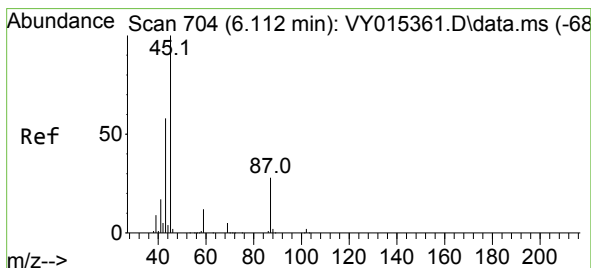
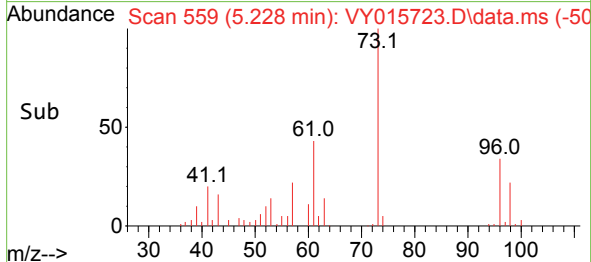
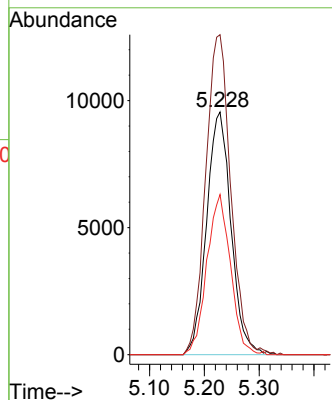
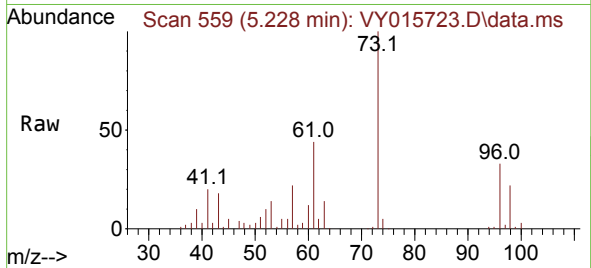




#21
trans-1,2-Dichloroethene
Concen: 19.636 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

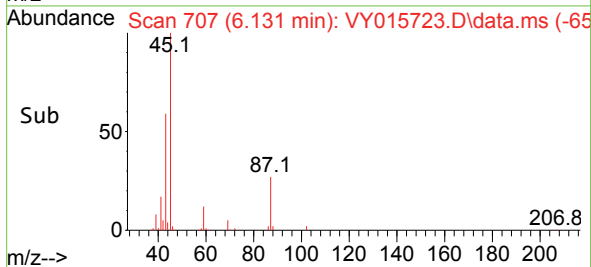
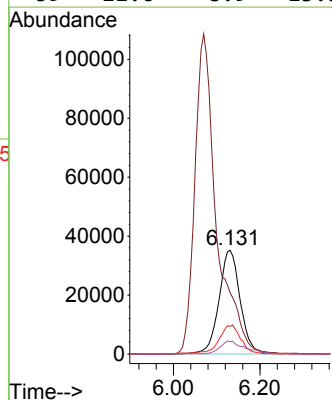
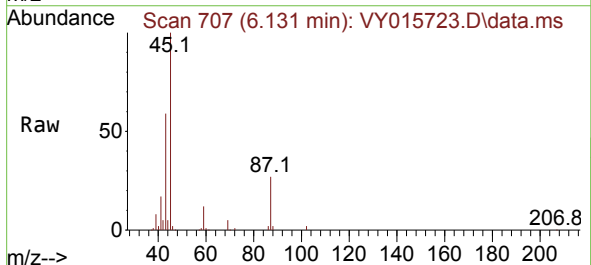
Instrument :
MSVOA_Y
ClientSampleId :

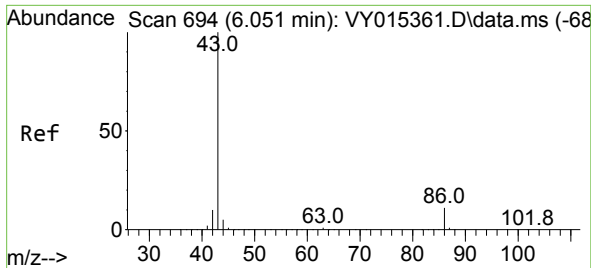
Tgt Ion: 96 Resp: 29563
Ion Ratio Lower Upper
96 100
61 131.8 110.2 165.4
98 66.0 51.8 77.6



#22
Diisopropyl ether
Concen: 20.619 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.019 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion: 45 Resp: 119505
Ion Ratio Lower Upper
45 100
43 58.4 52.2 78.4
87 26.7 21.0 31.6
59 11.6 8.9 13.3

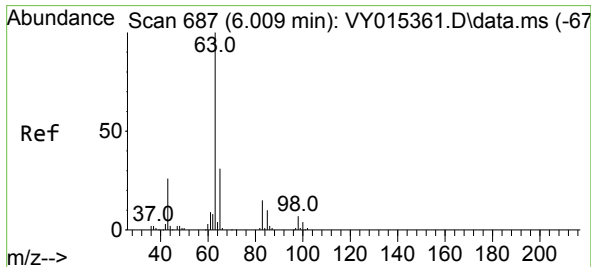
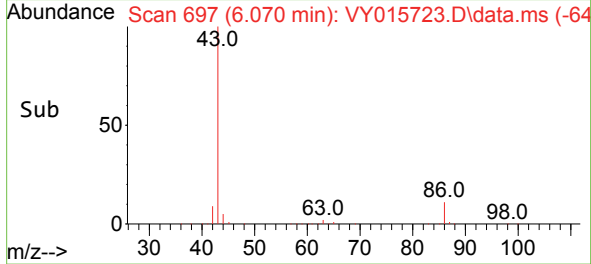
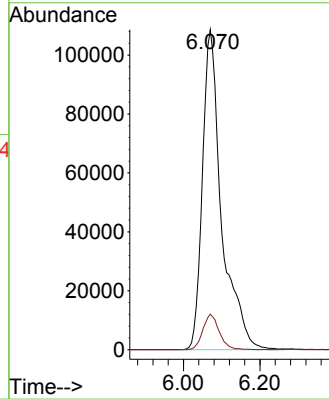
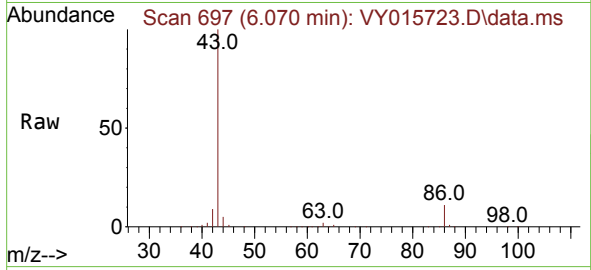




#23
 Vinyl Acetate
 Concen: 105.613 ug/l
 RT: 6.070 min Scan# 694
 Delta R.T. 0.019 min
 Lab File: VY015723.D
 Acq: 27 Sep 2023 13:49

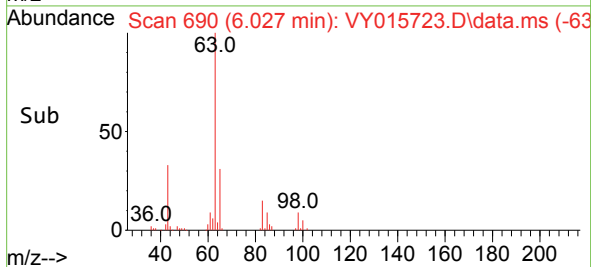
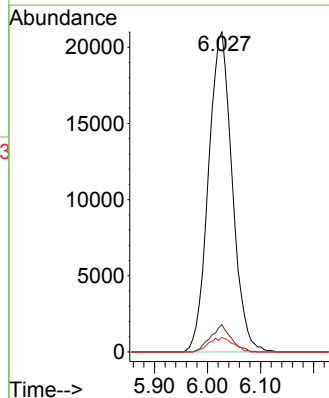
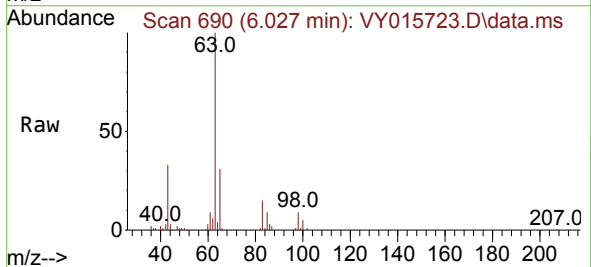
Instrument :
 MSVOA_Y
 ClientSampleId :

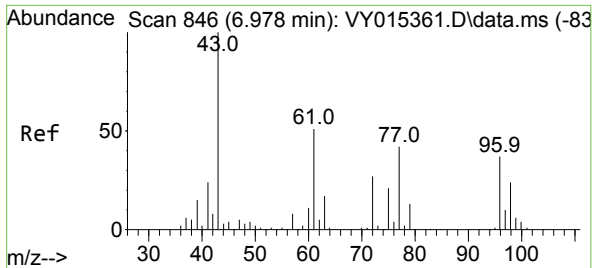
Tgt Ion: 43 Resp: 377819
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.645 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.024 min
 Lab File: VY015723.D
 Acq: 27 Sep 2023 13:49

Tgt Ion: 63 Resp: 65219
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.1 9.4
 100 4.6 1.8 5.5

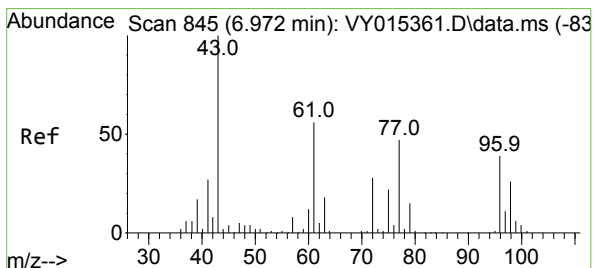
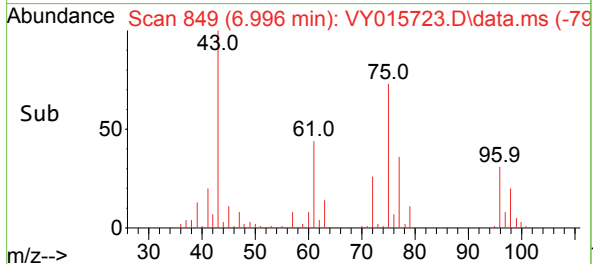
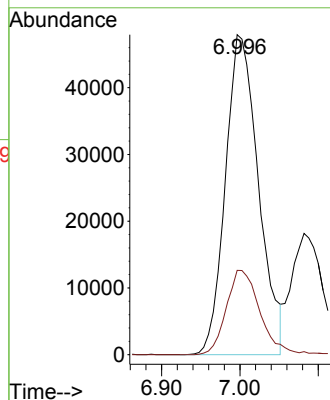
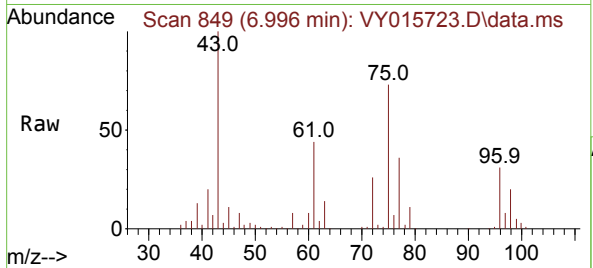




#25
2-Butanone
Concen: 112.838 ug/l
RT: 6.996 min Scan# 846
Delta R.T. 0.018 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

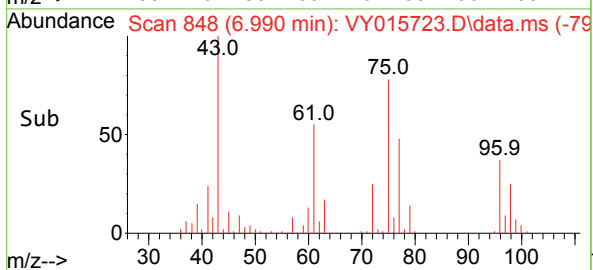
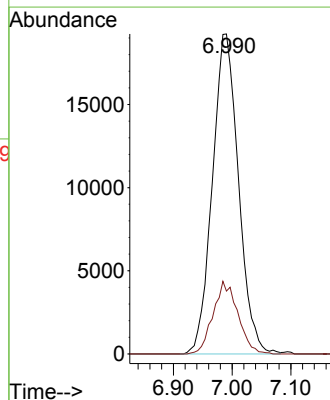
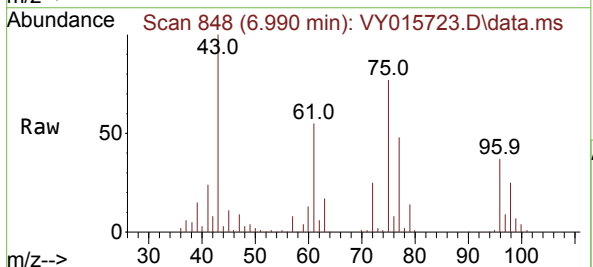
Instrument :
MSVOA_Y
ClientSampleId :

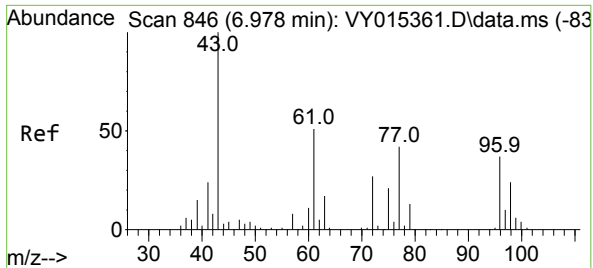
Tgt Ion: 43 Resp: 140608
Ion Ratio Lower Upper
43 100
72 26.3 20.5 30.7



#26
2,2-Dichloropropane
Concen: 20.580 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.018 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion: 77 Resp: 59422
Ion Ratio Lower Upper
77 100
97 21.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.637 ug/l

RT: 6.996 min Scan# 846

Delta R.T. 0.018 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

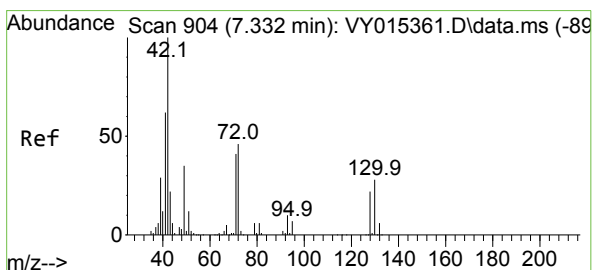
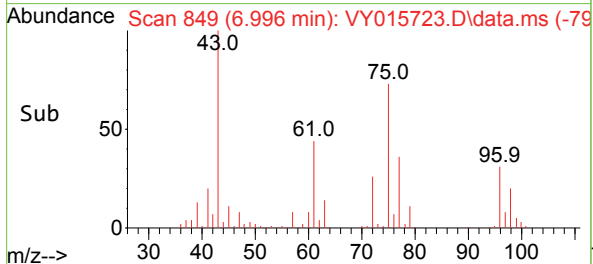
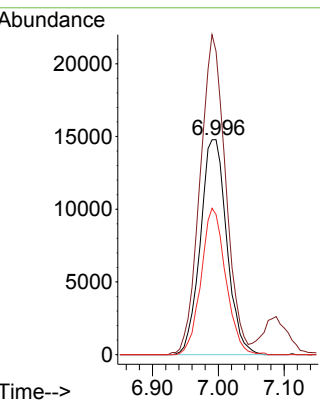
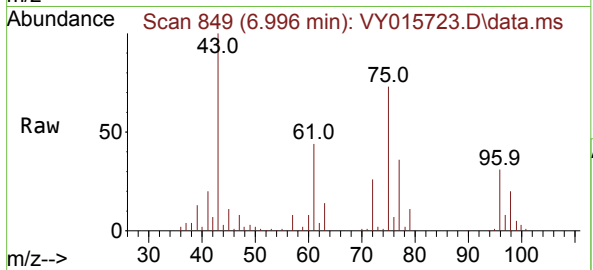
Tgt Ion: 96 Resp: 41248

Ion Ratio Lower Upper

96 100

61 144.5 0.0 301.4

98 63.7 0.0 130.4



#28

Bromochloromethane

Concen: 17.893 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

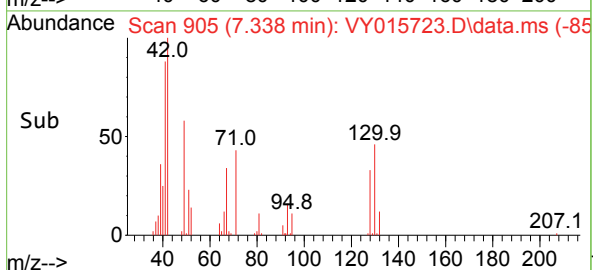
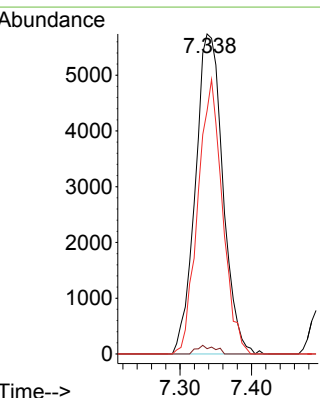
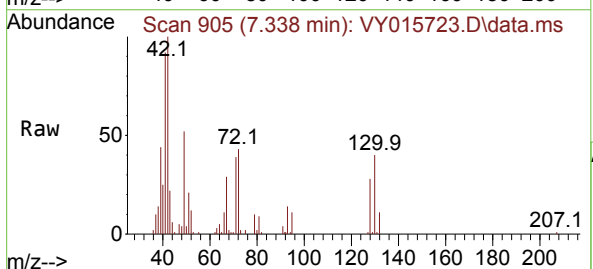
Tgt Ion: 49 Resp: 15336

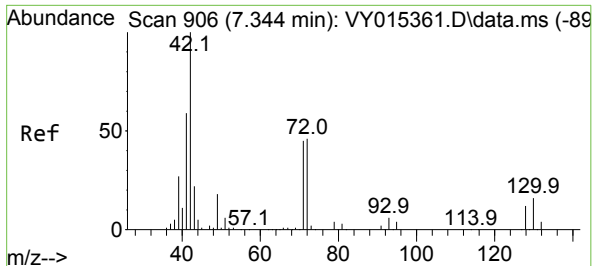
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 76.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 109.157 ug/l

RT: 7.362 min Scan# 906

Delta R.T. 0.018 min

Lab File: VY015723.D

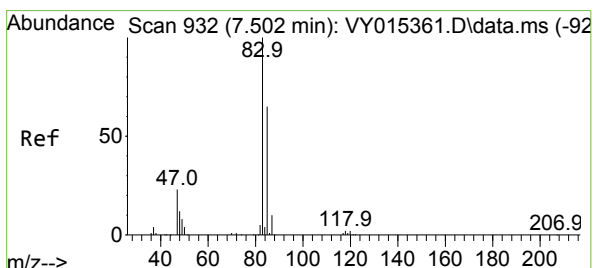
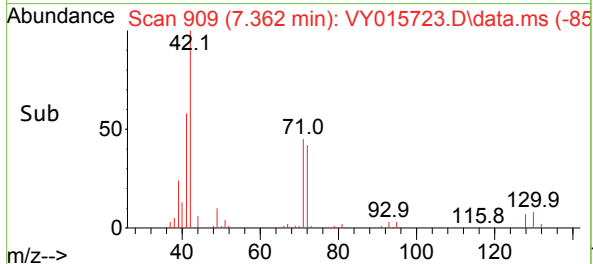
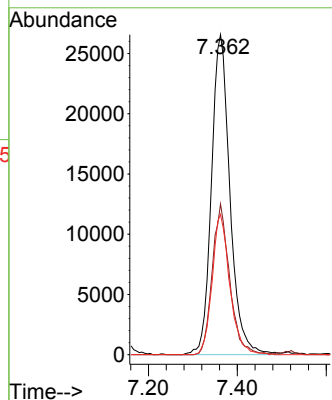
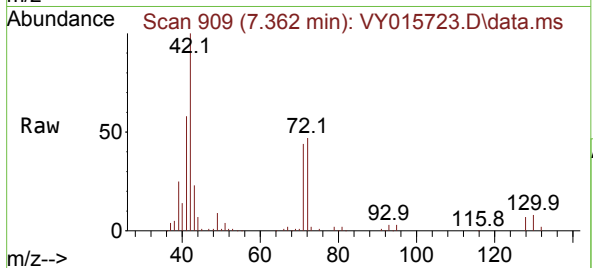
Acq: 27 Sep 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 42	Resp: 76880
Ion Ratio	Lower Upper
42	100
72	44.4 32.8 49.2
71	41.7 31.0 46.4



#30

Chloroform

Concen: 20.726 ug/l

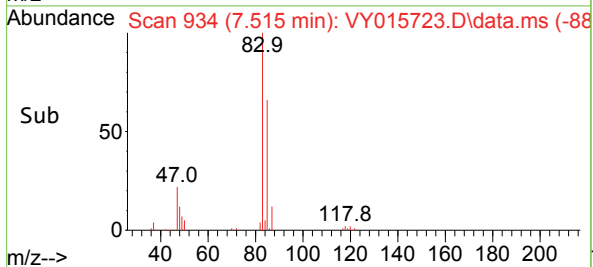
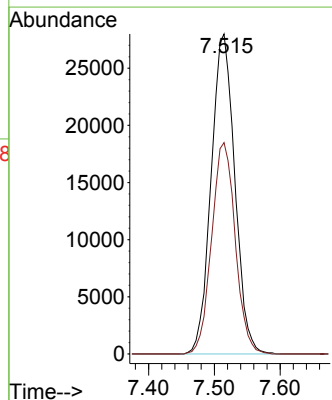
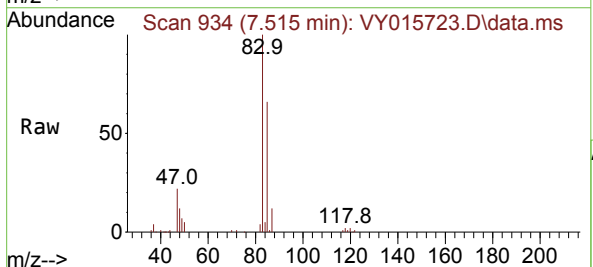
RT: 7.515 min Scan# 934

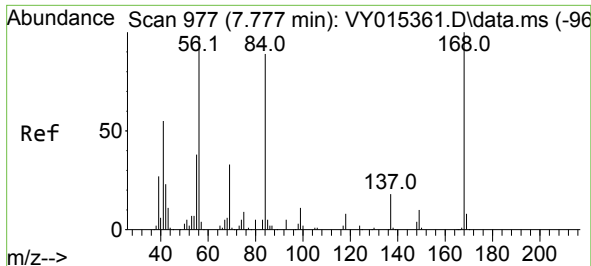
Delta R.T. 0.019 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

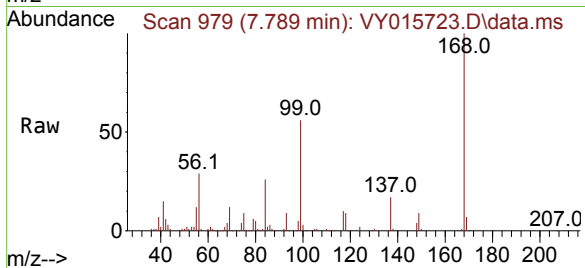
Tgt Ion: 83	Resp: 70117
Ion Ratio	Lower Upper
83	100
85	66.1 49.7 74.5



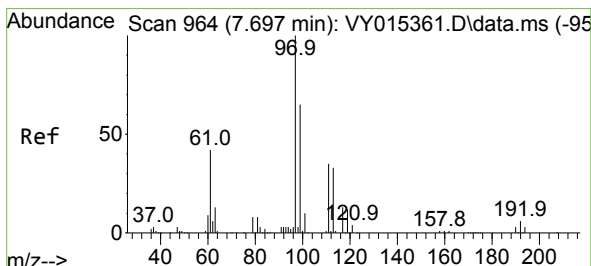
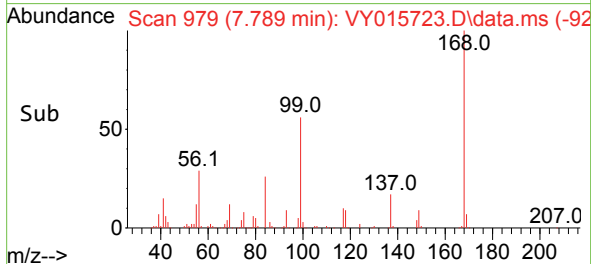
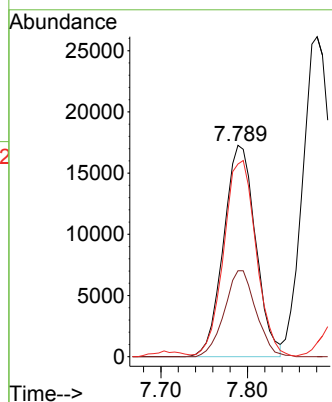


#31
Cyclohexane
Concen: 19.469 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :

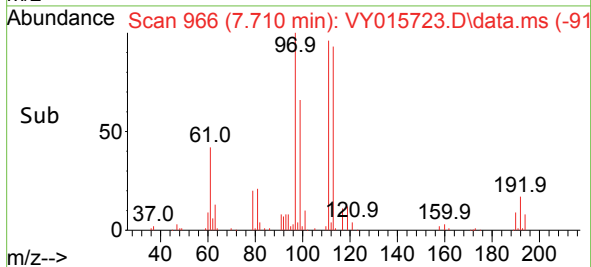
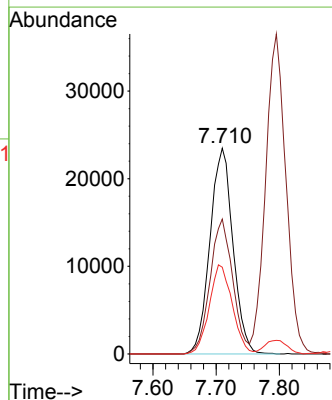
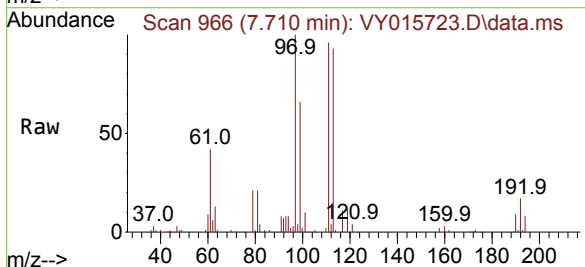


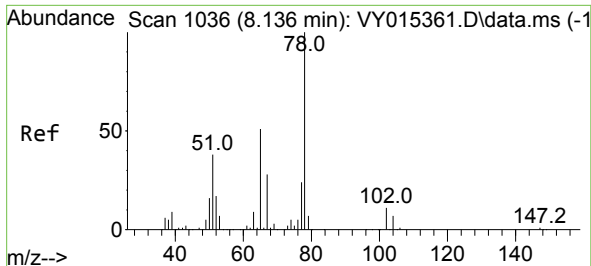
Tgt Ion	Ratio	Lower	Upper
56	100		
69	40.6	27.8	41.6
84	89.4	66.4	99.6



#32
1,1,1-Trichloroethane
Concen: 21.190 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.019 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.8	76.2
61	43.3	35.1	52.7

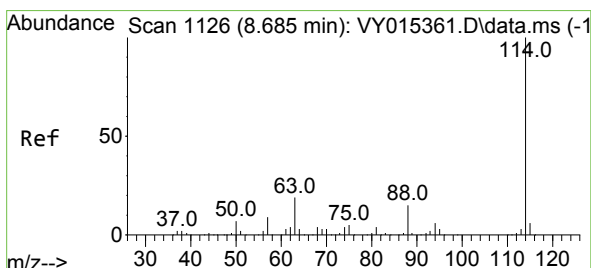
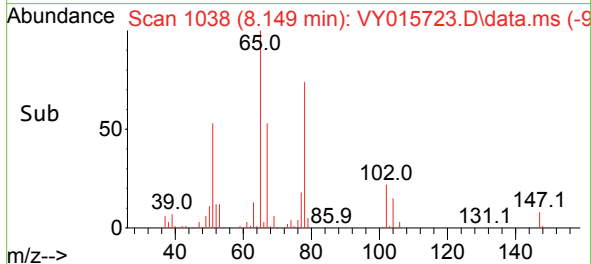
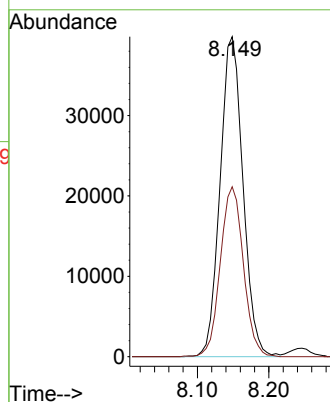
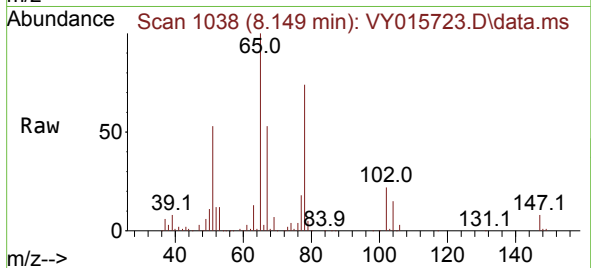




#33
 1,2-Dichloroethane-d4
 Concen: 53.764 ug/l
 RT: 8.149 min Scan# 110
 Delta R.T. 0.013 min
 Lab File: VY015723.D
 Acq: 27 Sep 2023 13:49

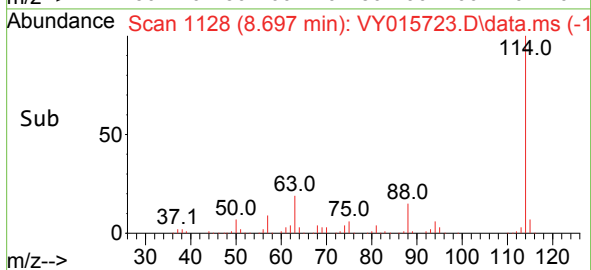
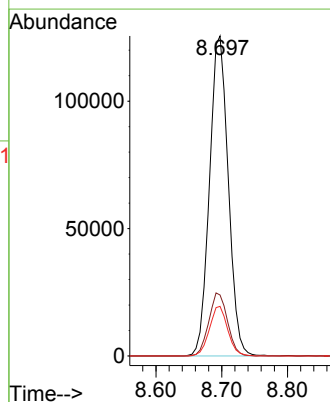
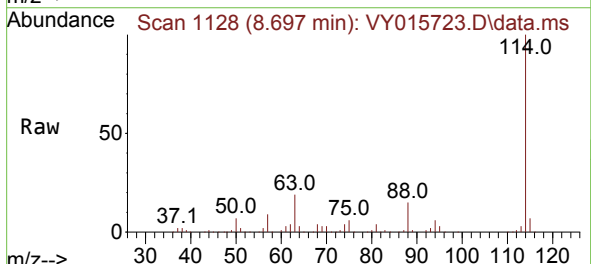
Instrument :
 MSVOA_Y
 ClientSampleId :

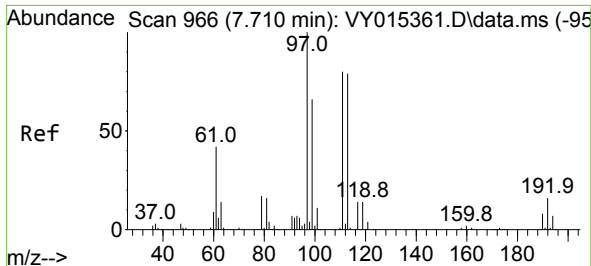
Tgt Ion: 65 Resp: 88569
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: VY015723.D
 Acq: 27 Sep 2023 13:49

Tgt Ion: 114 Resp: 249224
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.4
 88 15.5 0.0 30.6

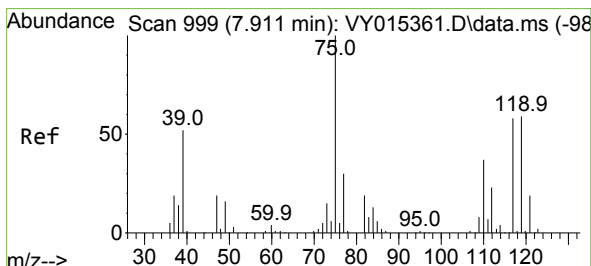
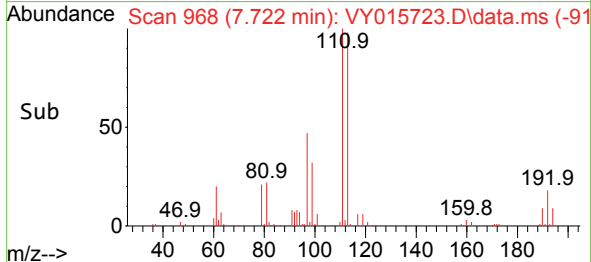
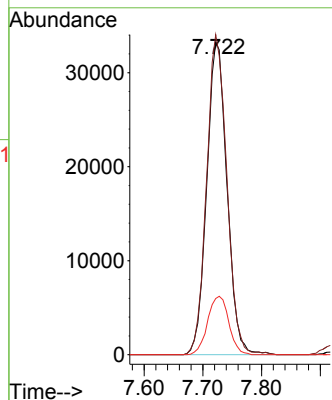
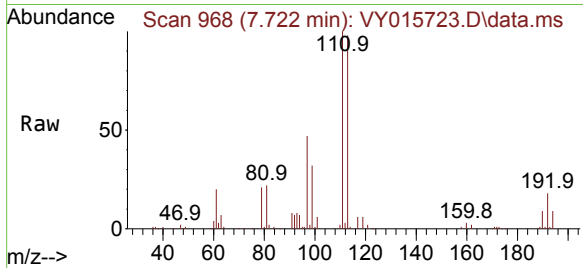




#35
Dibromofluoromethane
Concen: 53.394 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

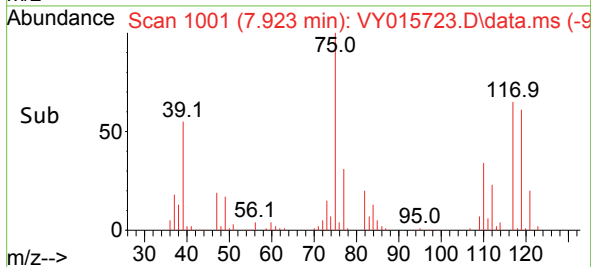
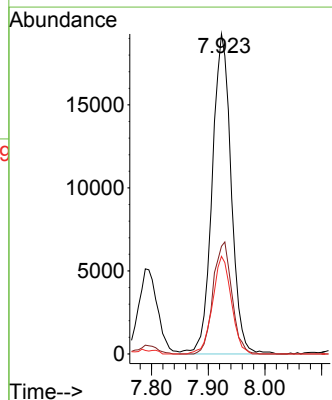
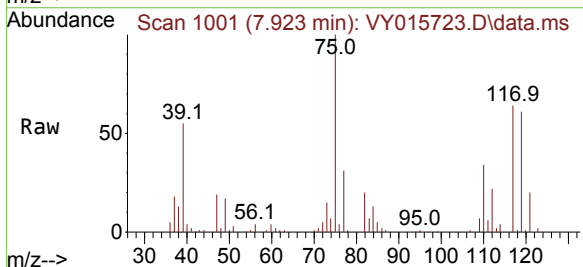
Instrument :
MSVOA_Y
ClientSampleId :

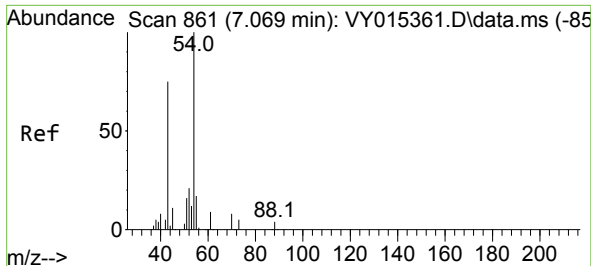
Tgt Ion:113 Resp: 79647
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.311 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion: 75 Resp: 44797
Ion Ratio Lower Upper
75 100
110 34.5 17.8 53.5
77 30.1 24.4 36.6





#37

Ethyl Acetate

Concen: 23.905 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.019 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

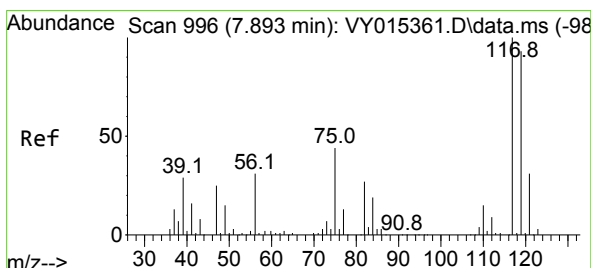
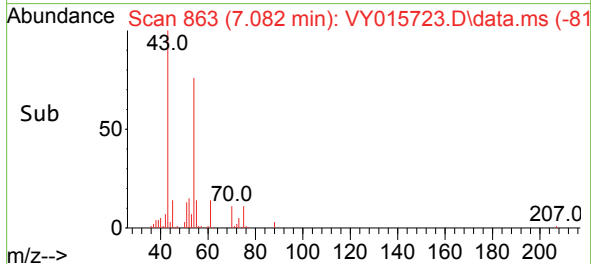
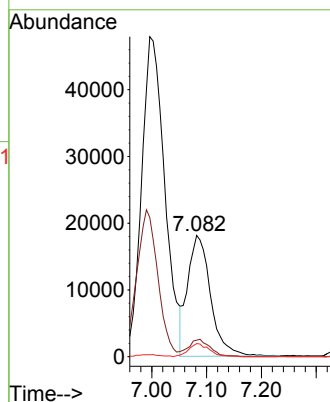
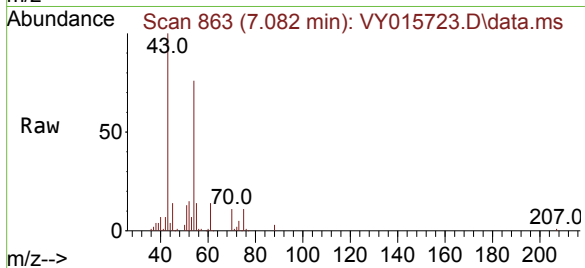
Tgt Ion: 43 Resp: 52590

Ion Ratio Lower Upper

43 100

61 13.5 10.1 15.1

70 9.8 7.1 10.7



#38

Carbon Tetrachloride

Concen: 20.956 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.012 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

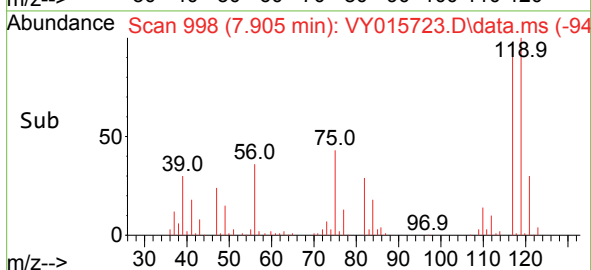
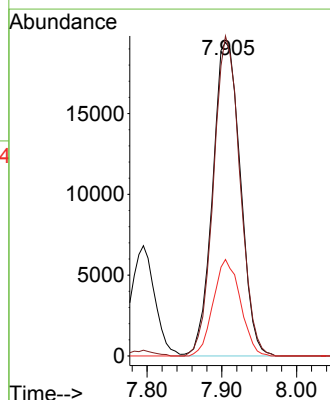
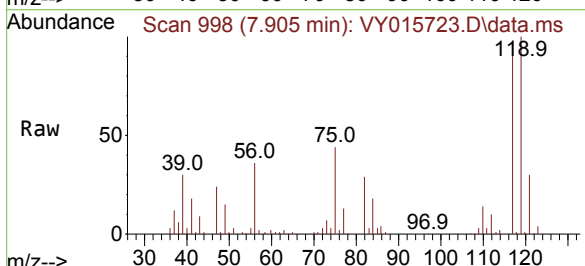
Tgt Ion: 117 Resp: 50171

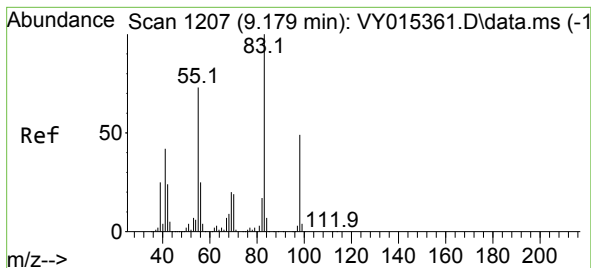
Ion Ratio Lower Upper

117 100

119 102.1 76.4 114.6

121 30.8 25.8 38.6





#39

Methylcyclohexane

Concen: 19.837 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.012 min

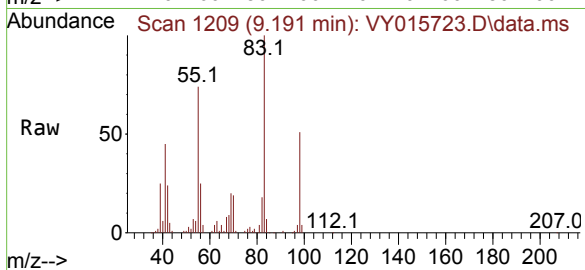
Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :



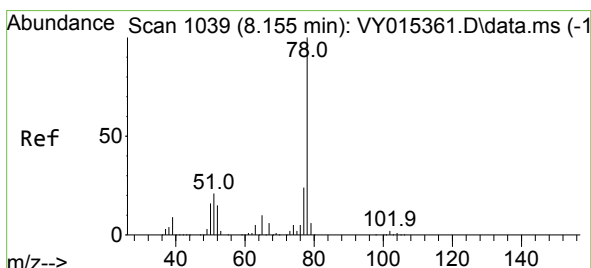
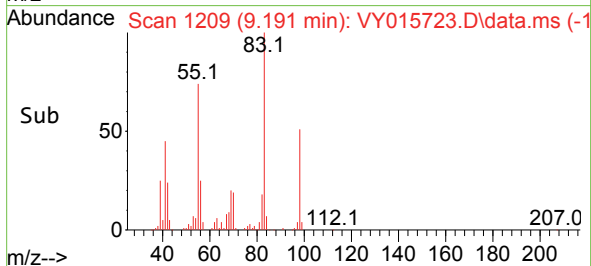
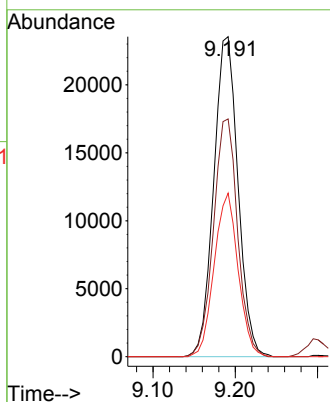
Tgt Ion: 83 Resp: 48393

Ion Ratio Lower Upper

83 100

55 74.3 63.0 94.4

98 51.1 37.4 56.2



#40

Benzene

Concen: 20.468 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.018 min

Lab File: VY015723.D

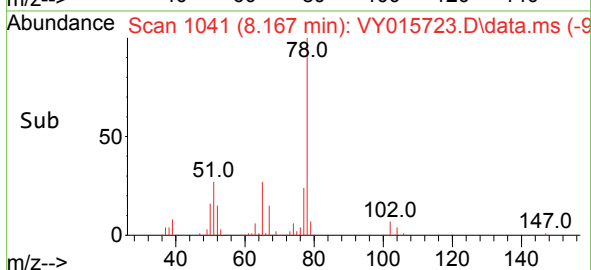
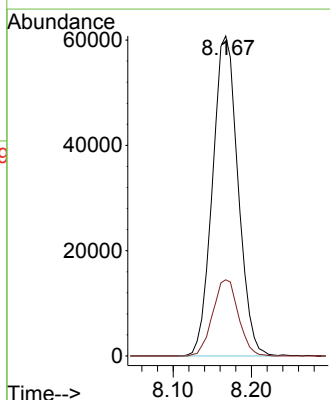
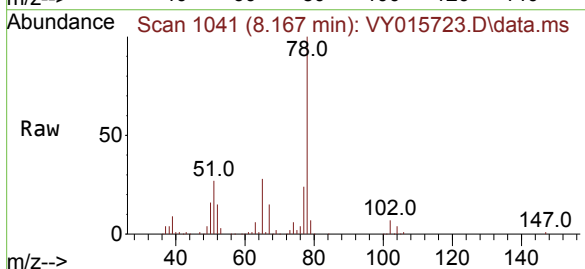
Acq: 27 Sep 2023 13:49

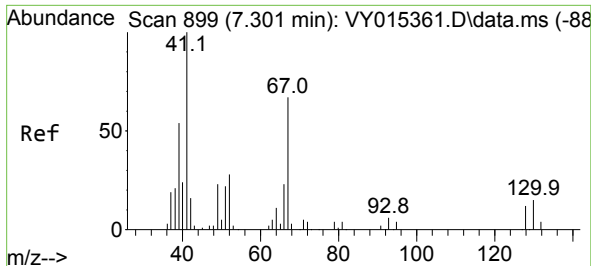
Tgt Ion: 78 Resp: 137669

Ion Ratio Lower Upper

78 100

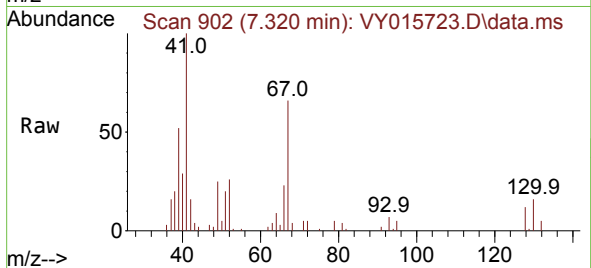
77 23.8 19.0 28.6



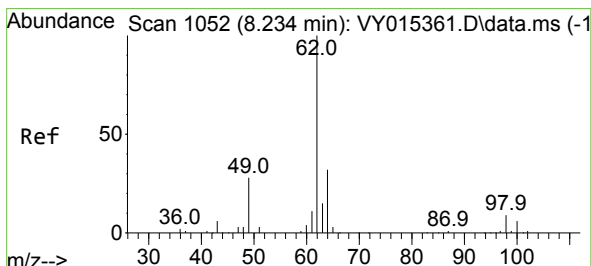
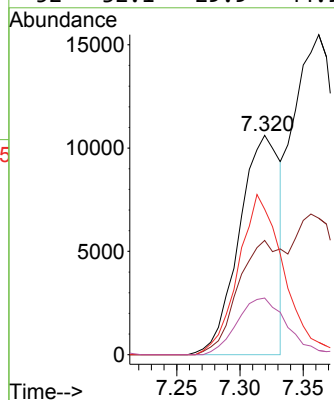
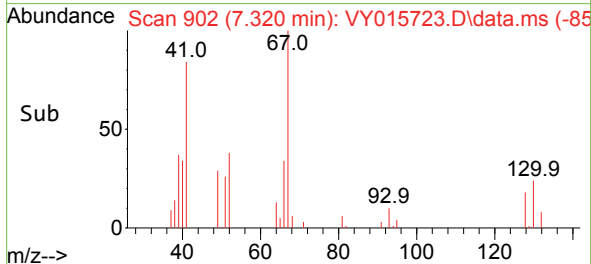


#41
Methacrylonitrile
Concen: 20.054 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :

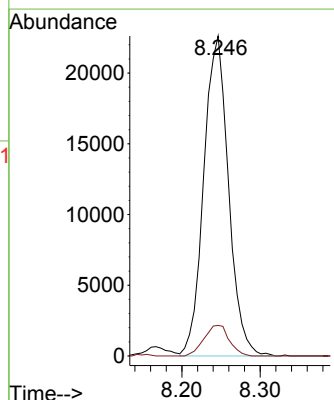
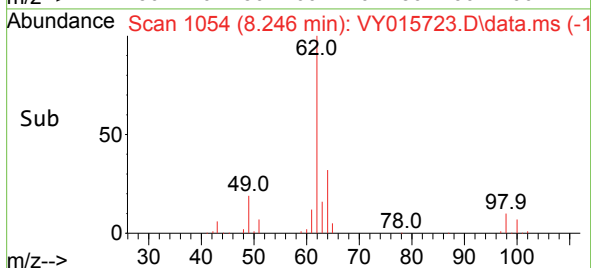
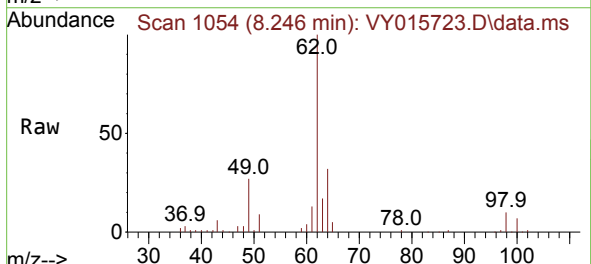


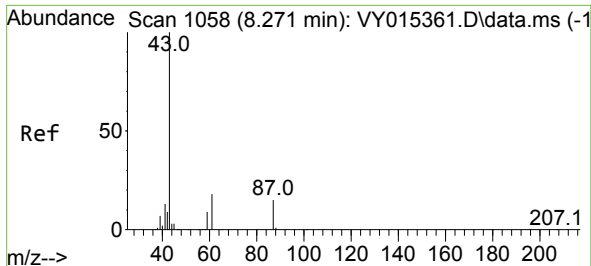
Tgt Ion:	41	Resp:	23755
Ion	Ratio	Lower	Upper
41	100		
39	60.9	52.1	78.1
67	82.3	66.2	99.2
52	32.1	29.9	44.9



#42
1,2-Dichloroethane
Concen: 21.573 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

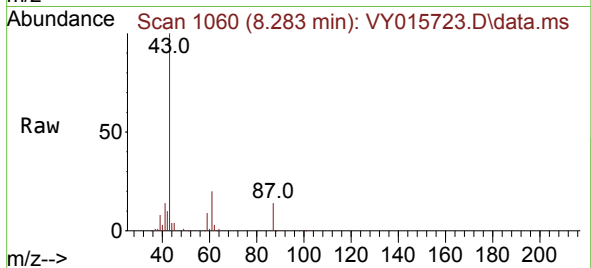
Tgt Ion:	62	Resp:	49694
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	15.8



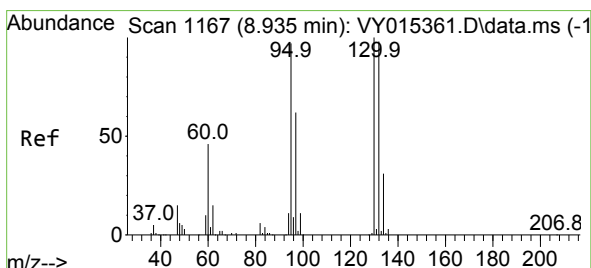
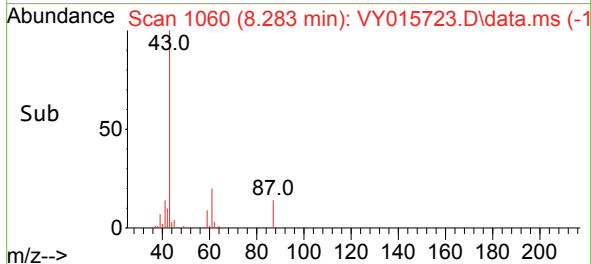
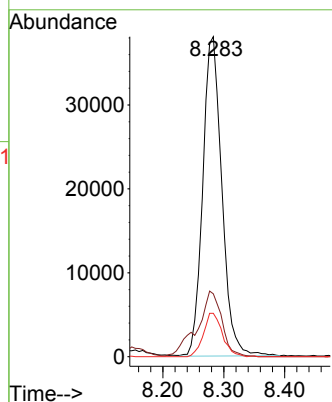


#43
Isopropyl Acetate
Concen: 22.084 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.019 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :

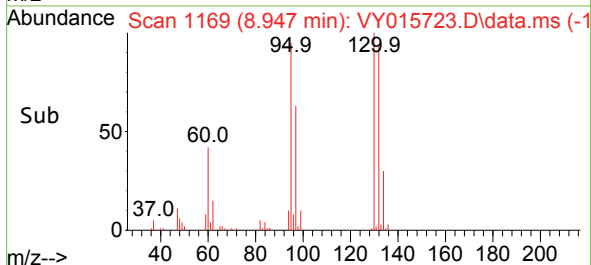
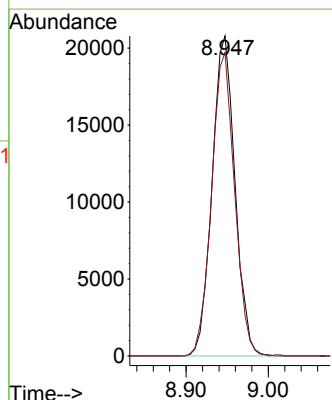
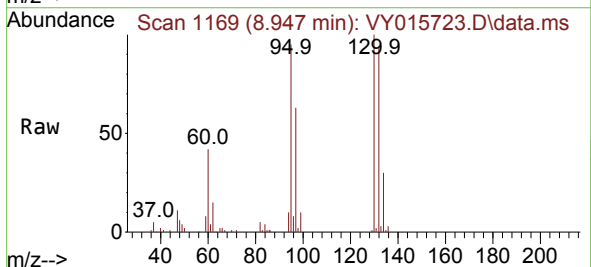


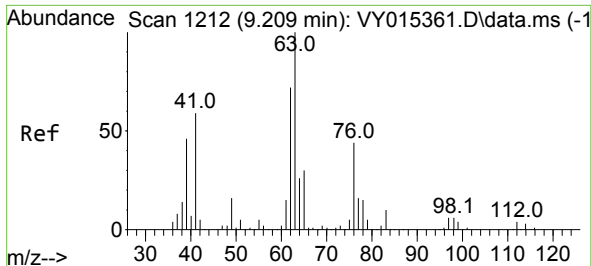
Tgt Ion: 43 Resp: 82991
Ion Ratio Lower Upper
43 100
61 26.4 21.1 31.7
87 13.5 9.8 14.8



#44
Trichloroethene
Concen: 21.367 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion: 130 Resp: 40140
Ion Ratio Lower Upper
130 100
95 94.8 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.024 ug/l

RT: 9.222 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

Instrument :

MSVOA_Y

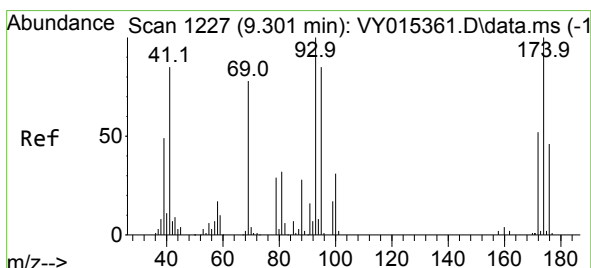
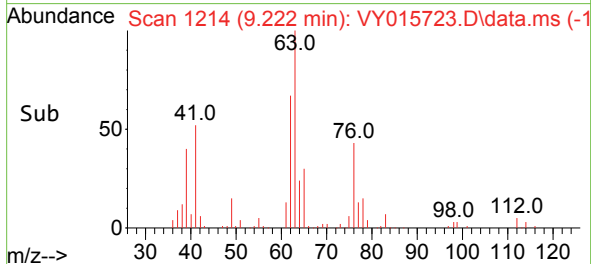
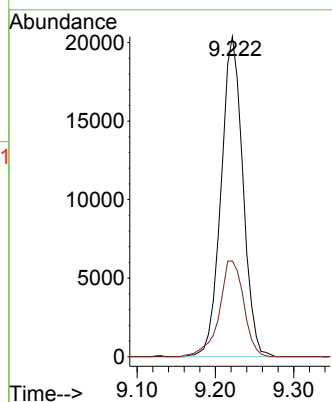
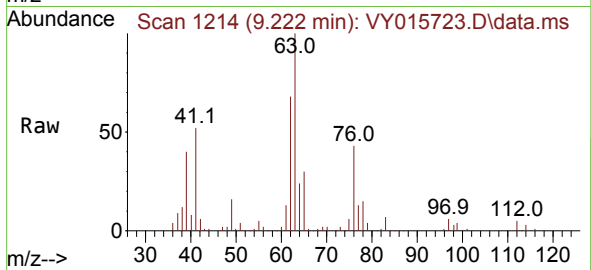
ClientSampleId :

Tgt Ion: 63 Resp: 39435

Ion Ratio Lower Upper

63 100

65 29.9 23.8 35.6



#46

Dibromomethane

Concen: 20.850 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.018 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

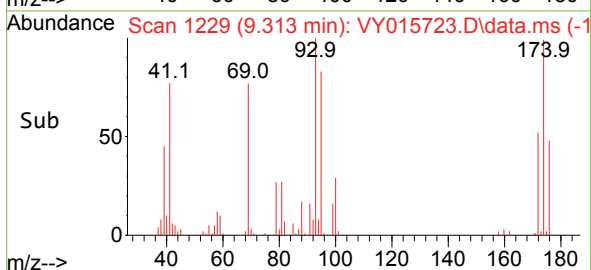
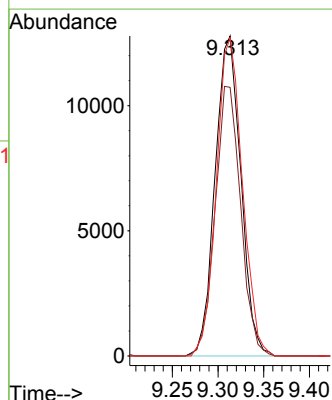
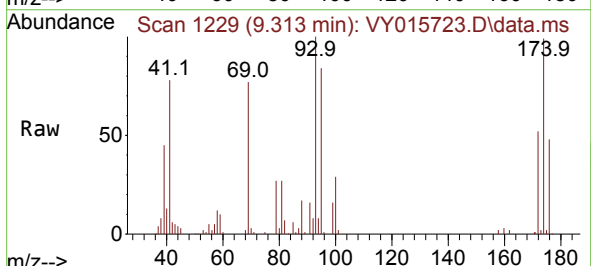
Tgt Ion: 93 Resp: 25016

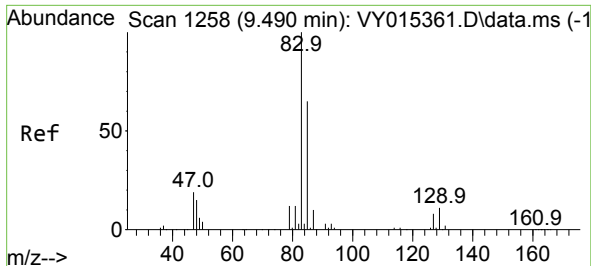
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

174 100.4 84.8 127.2

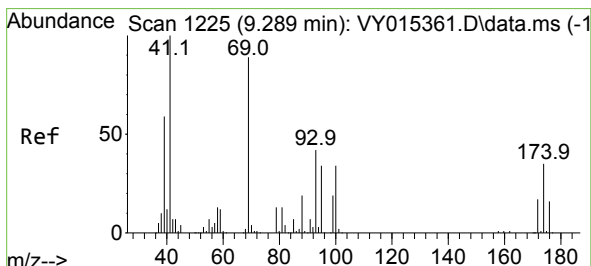
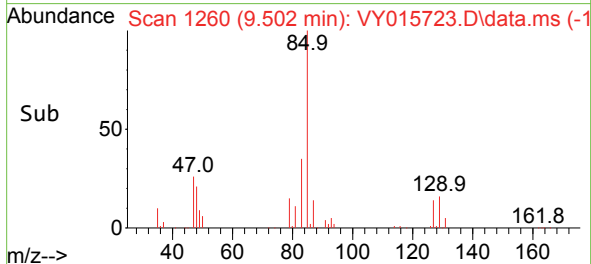
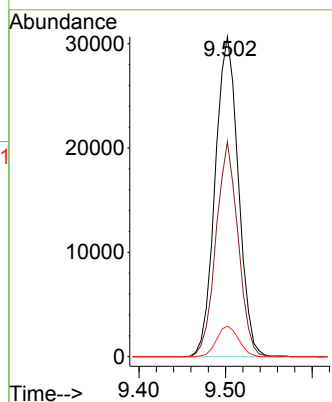
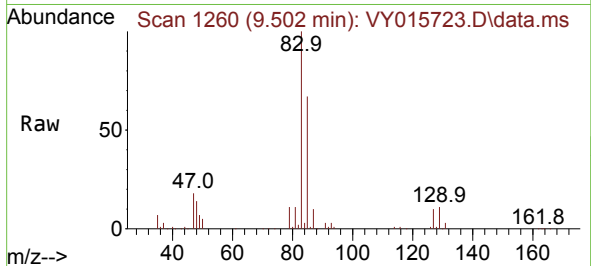




#47
Bromodichloromethane
Concen: 21.304 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

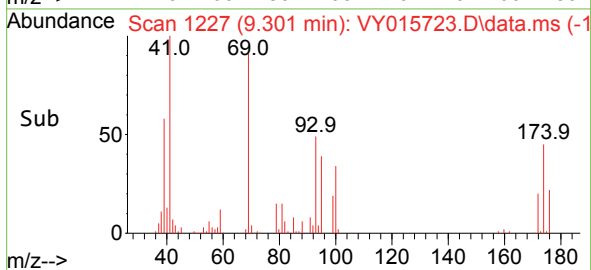
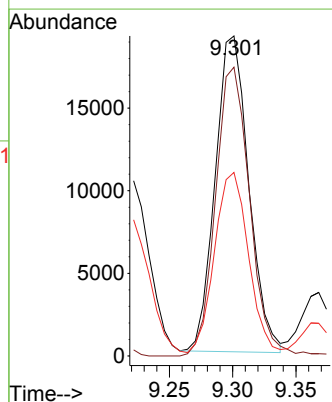
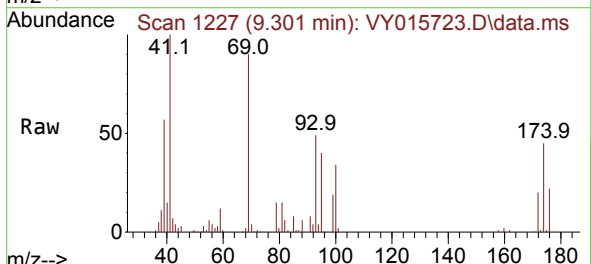
Instrument :
MSVOA_Y
ClientSampleId :

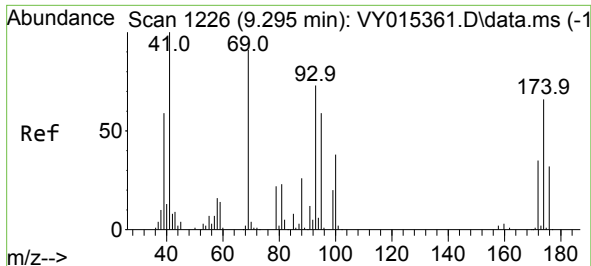
Tgt Ion: 83 Resp: 56975
Ion Ratio Lower Upper
83 100
85 67.2 50.1 75.1
127 9.5 7.1 10.7



#48
Methyl methacrylate
Concen: 21.378 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion: 41 Resp: 35263
Ion Ratio Lower Upper
41 100
69 93.5 64.5 96.7
39 59.3 50.8 76.2





#49

1,4-Dioxane

Concen: 510.557 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.036 min

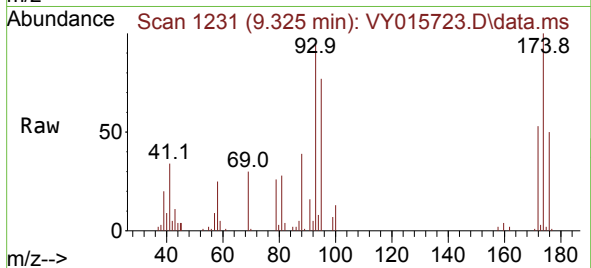
Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :



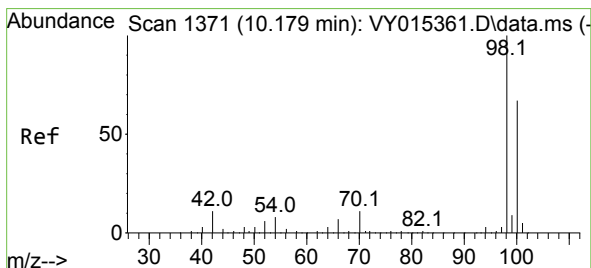
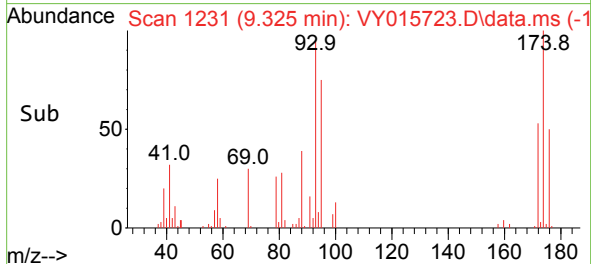
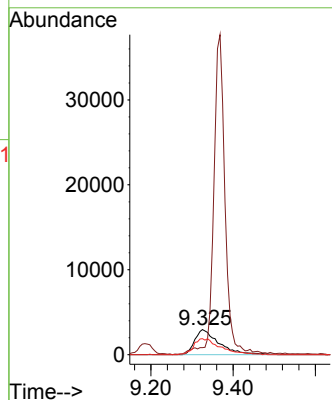
Tgt Ion: 88 Resp: 12102

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 70.2 30.9 46.3#



#50

Toluene-d8

Concen: 56.763 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015723.D

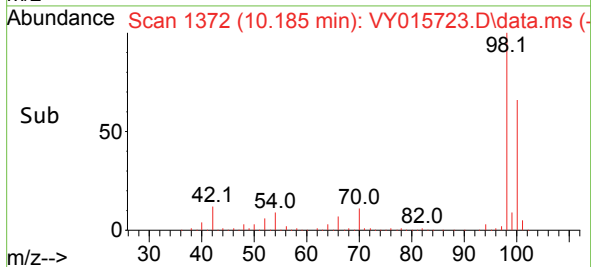
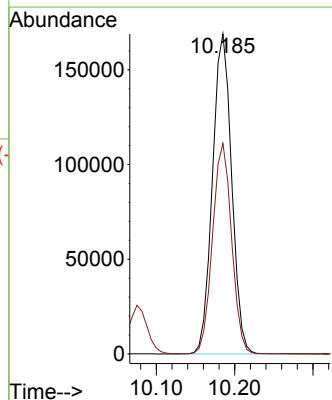
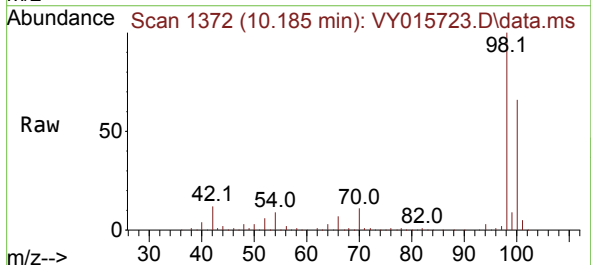
Acq: 27 Sep 2023 13:49

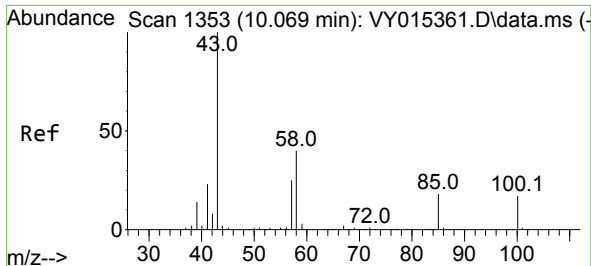
Tgt Ion: 98 Resp: 287095

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

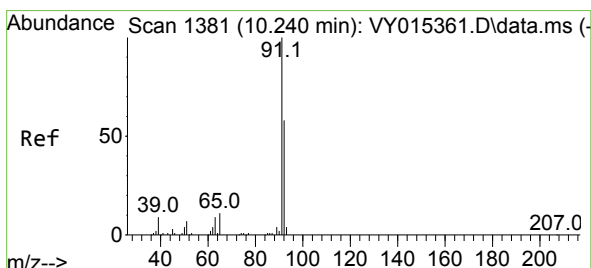
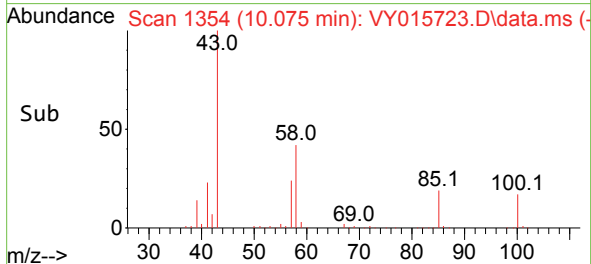
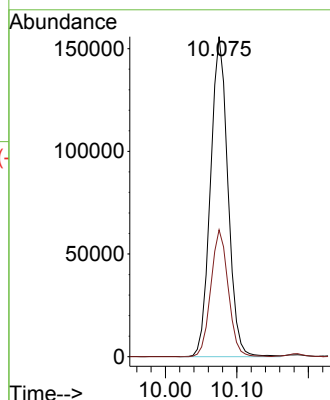
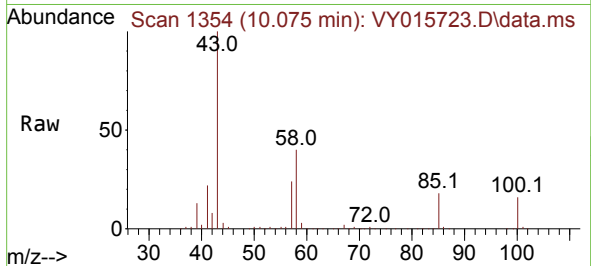




#51
4-Methyl-2-Pentanone
Concen: 113.257 ug/l
RT: 10.075 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

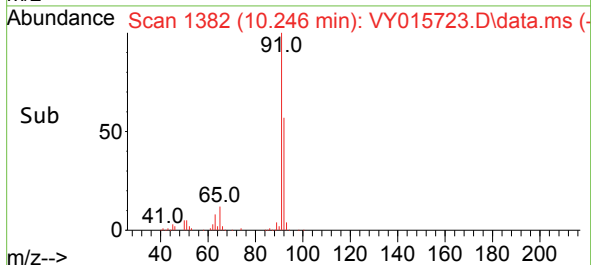
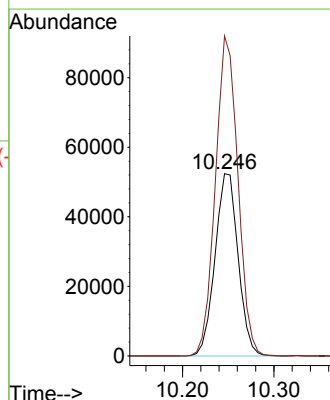
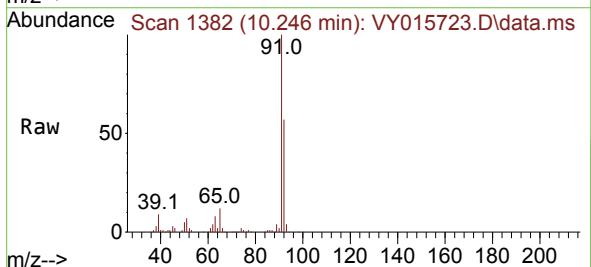
Instrument :
MSVOA_Y
ClientSampleId :

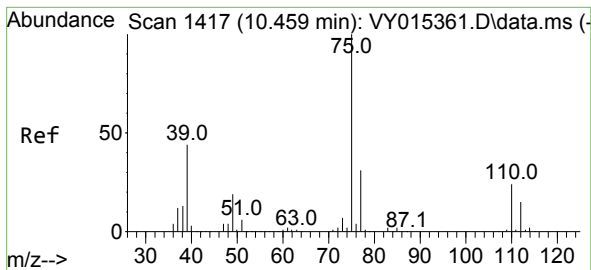
Tgt Ion: 43 Resp: 263805
Ion Ratio Lower Upper
43 100
58 39.6 29.0 43.6



#52
Toluene
Concen: 21.218 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion: 92 Resp: 92005
Ion Ratio Lower Upper
92 100
91 171.5 143.8 215.6

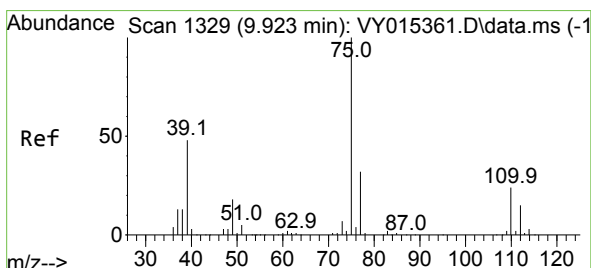
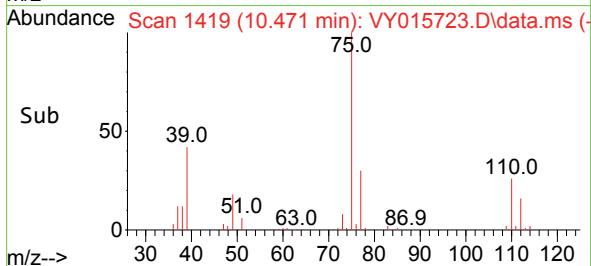
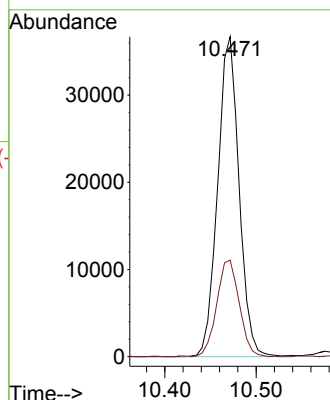
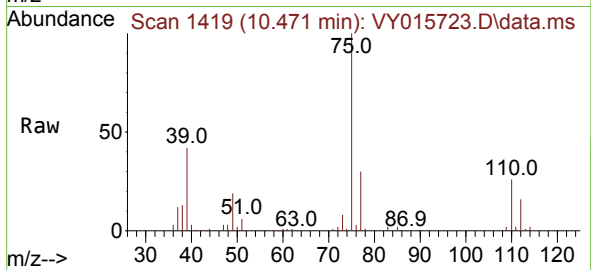




#53
 t-1,3-Dichloropropene
 Concen: 20.786 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.012 min
 Lab File: VY015723.D
 Acq: 27 Sep 2023 13:49

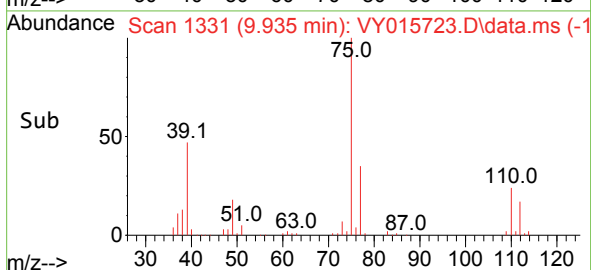
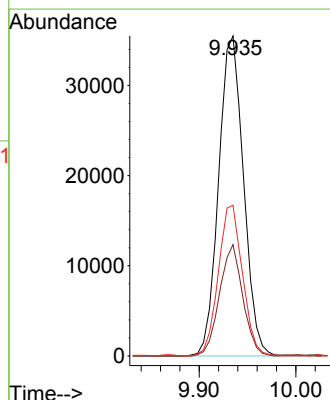
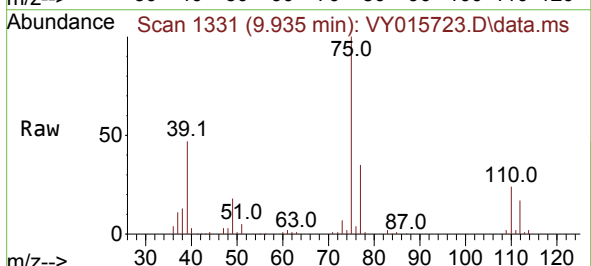
Instrument :
 MSVOA_Y
 ClientSampleId :

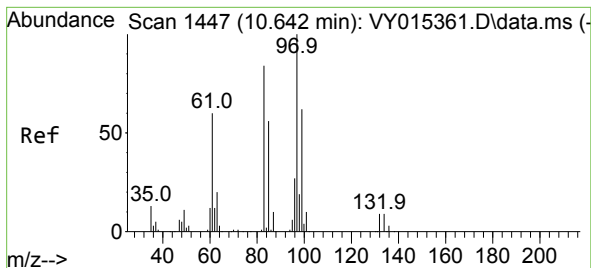
Tgt Ion: 75 Resp: 59612
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.510 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.012 min
 Lab File: VY015723.D
 Acq: 27 Sep 2023 13:49

Tgt Ion: 75 Resp: 63315
 Ion Ratio Lower Upper
 75 100
 77 34.8 24.2 36.4
 39 47.1 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 22.353 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 39303

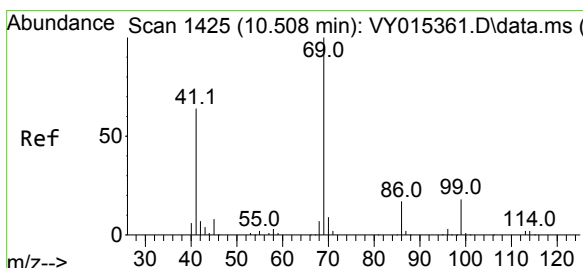
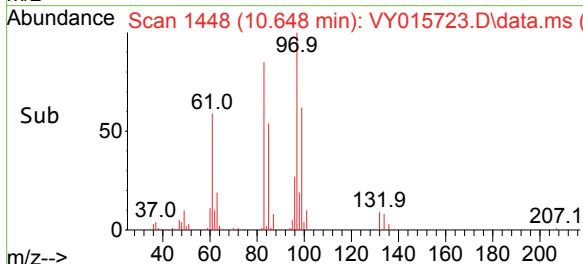
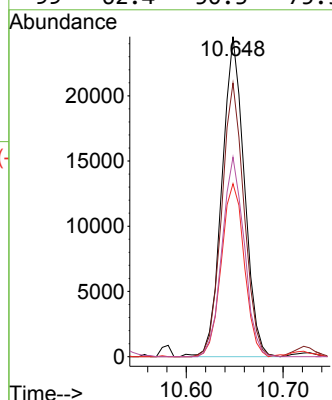
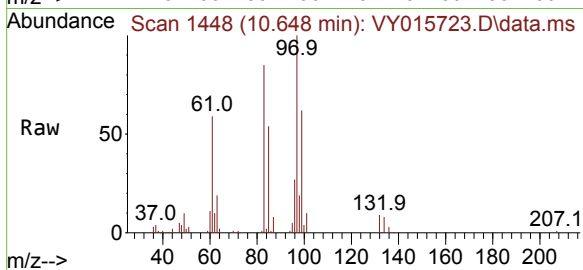
Ion Ratio Lower Upper

97 100

83 85.5 72.0 108.0

85 54.0 45.4 68.0

99 62.4 50.3 75.5



#56

Ethyl methacrylate

Concen: 21.454 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

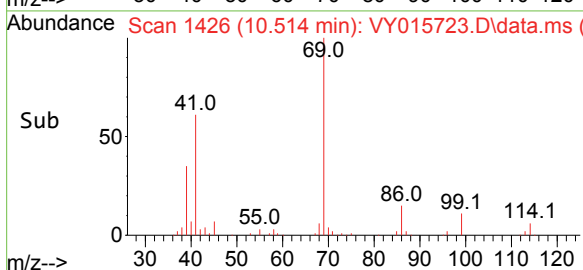
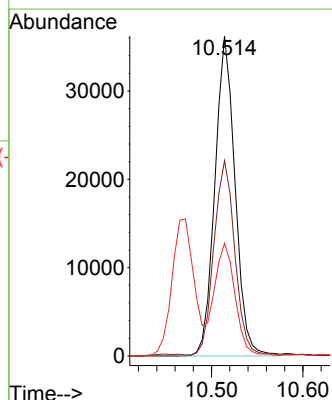
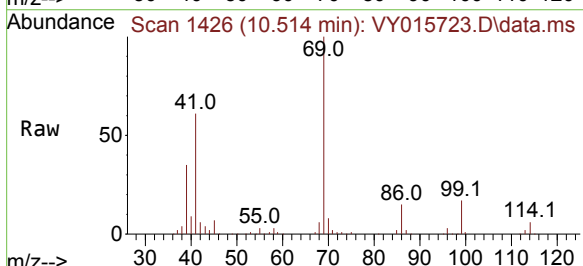
Tgt Ion: 69 Resp: 55592

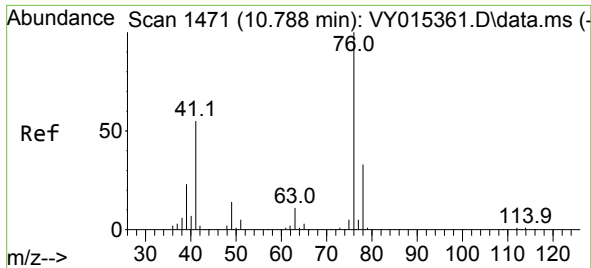
Ion Ratio Lower Upper

69 100

41 62.7 57.6 86.4

39 36.6 34.1 51.1

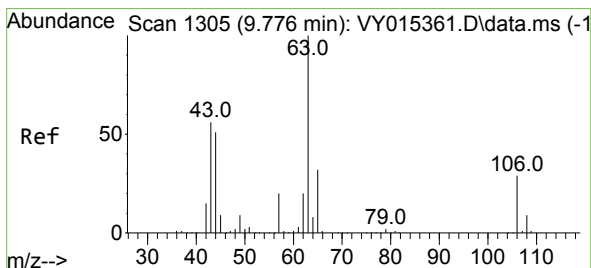
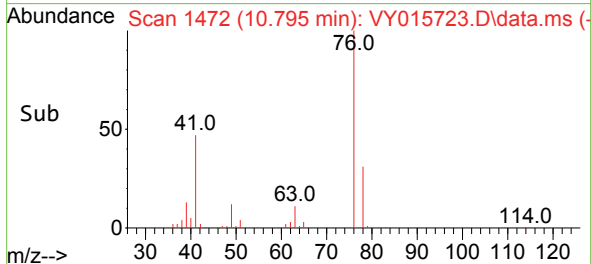
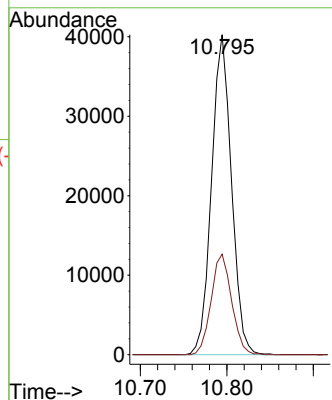
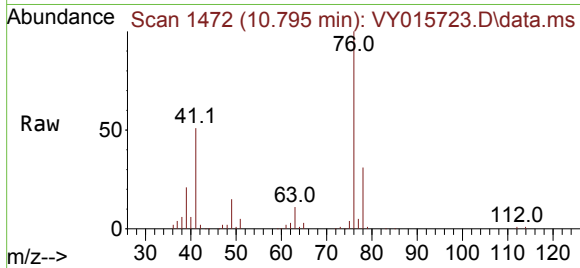




#57
1,3-Dichloropropane
Concen: 21.758 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.007 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

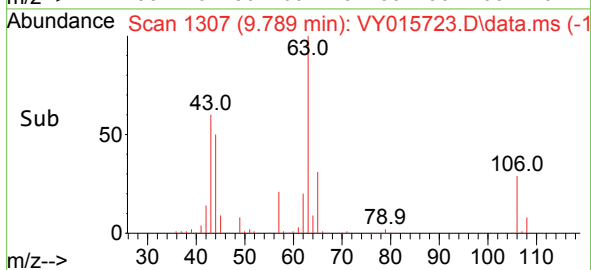
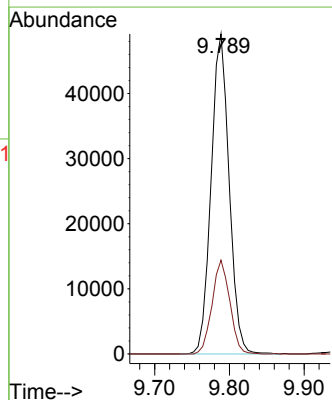
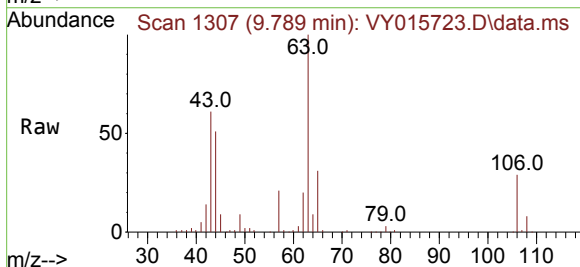
Instrument :
MSVOA_Y
ClientSampleId :

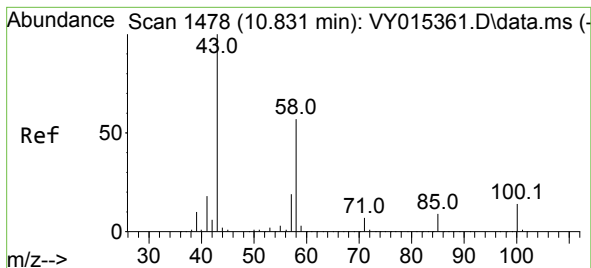
Tgt Ion: 76 Resp: 64155
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 99.905 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.013 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion: 63 Resp: 82230
Ion Ratio Lower Upper
63 100
106 28.8 21.2 31.8





#59

2-Hexanone

Concen: 118.416 ug/l

RT: 10.837 min Scan# 1478

Delta R.T. 0.006 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

Instrument :

MSVOA_Y

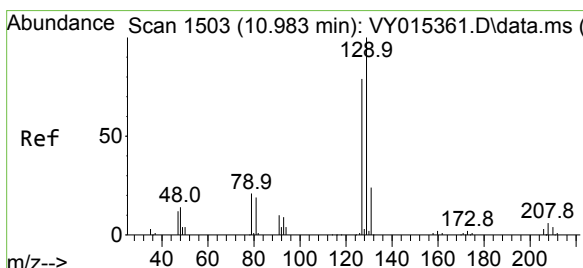
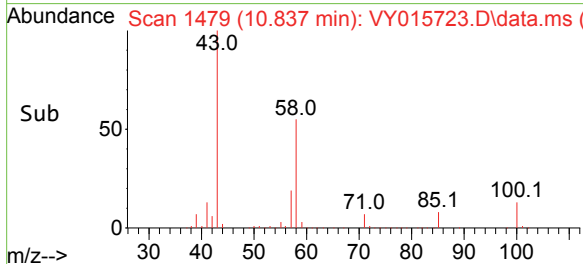
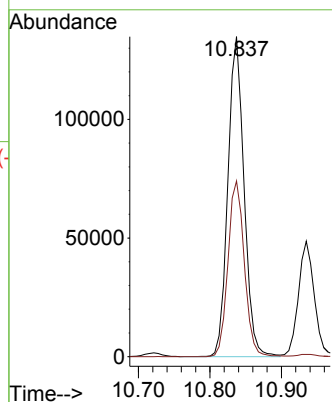
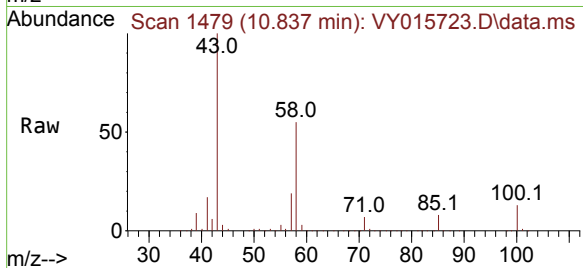
ClientSampleId :

Tgt Ion: 43 Resp: 211613

Ion Ratio Lower Upper

43 100

58 55.5 25.1 75.3



#60

Dibromochloromethane

Concen: 21.160 ug/l

RT: 10.990 min Scan# 1504

Delta R.T. 0.007 min

Lab File: VY015723.D

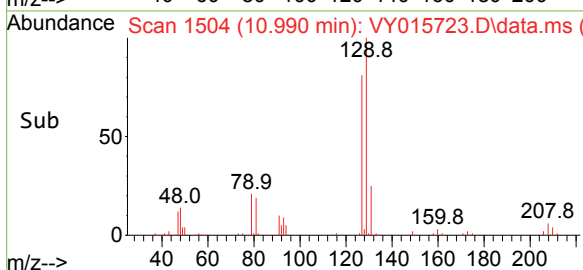
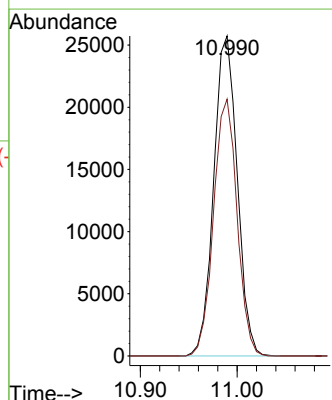
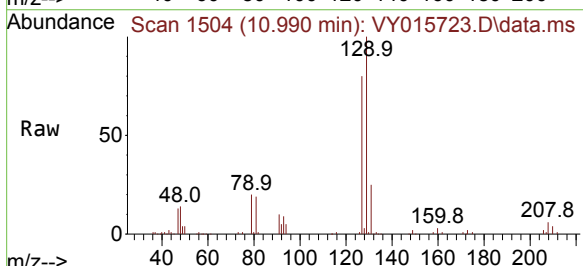
Acq: 27 Sep 2023 13:49

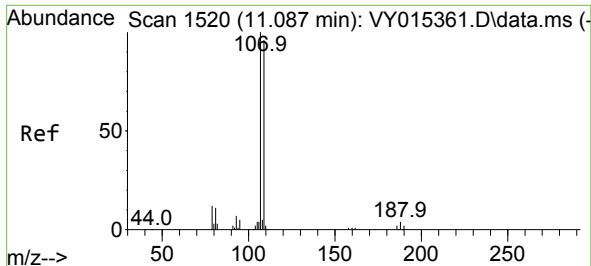
Tgt Ion:129 Resp: 43432

Ion Ratio Lower Upper

129 100

127 80.3 38.5 115.5

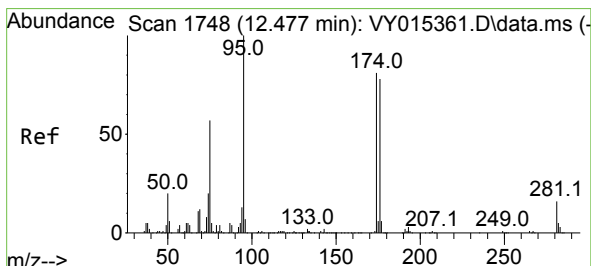
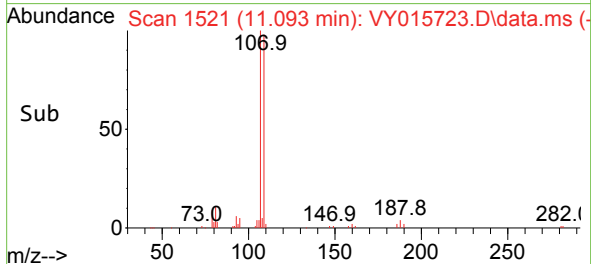
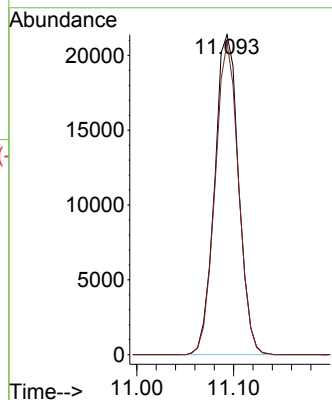
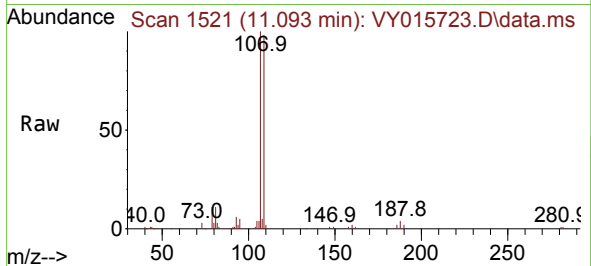




#61
1,2-Dibromoethane
Concen: 21.339 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

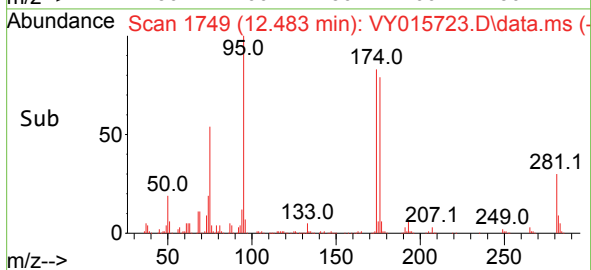
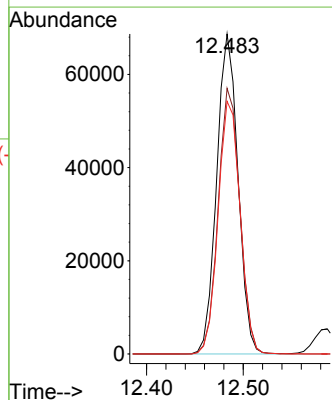
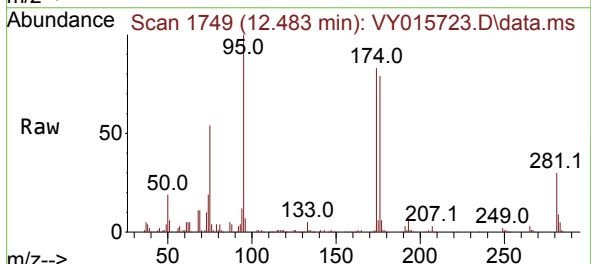
Instrument :
MSVOA_Y
ClientSampleId :

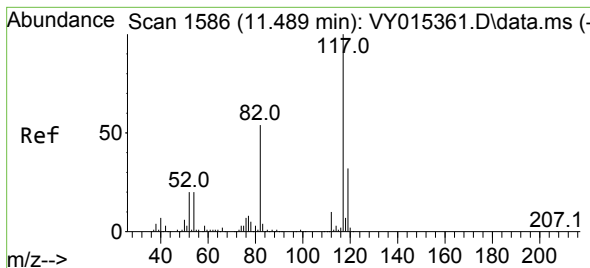
Tgt Ion:107 Resp: 36707
Ion Ratio Lower Upper
107 100
109 95.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.898 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion: 95 Resp: 104995
Ion Ratio Lower Upper
95 100
174 84.3 0.0 178.2
176 81.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

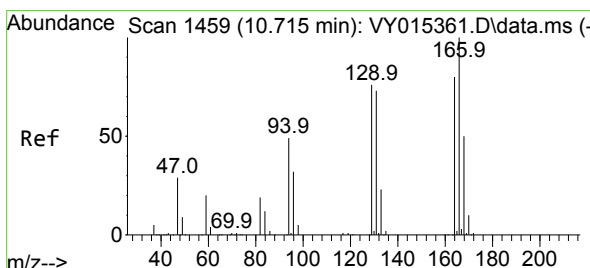
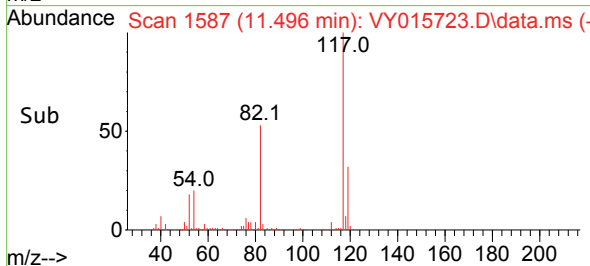
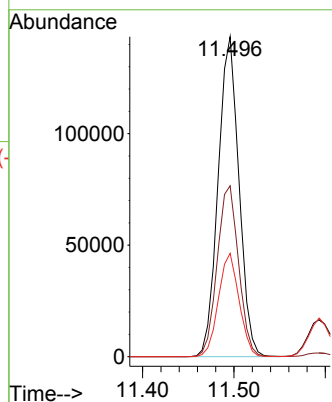
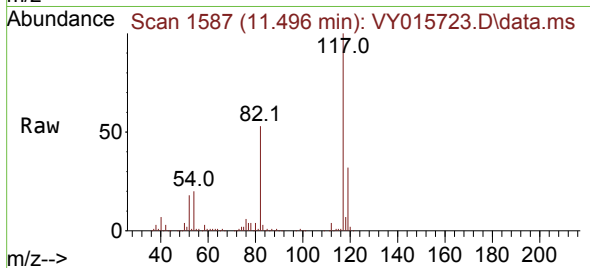
Tgt Ion:117 Resp: 227299

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 32.3 26.3 39.5



#64

Tetrachloroethene

Concen: 22.125 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

Tgt Ion:164 Resp: 43147

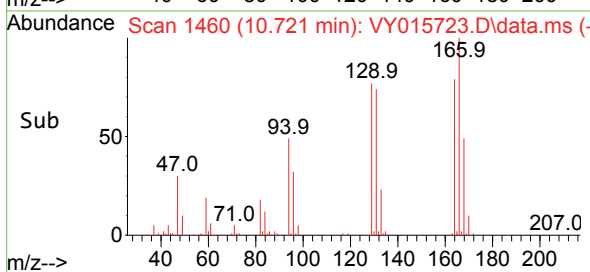
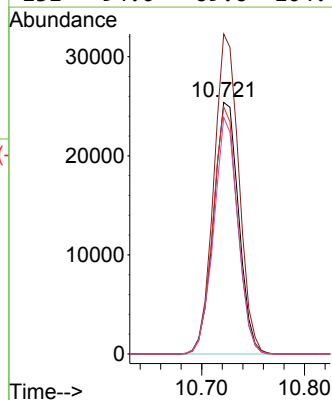
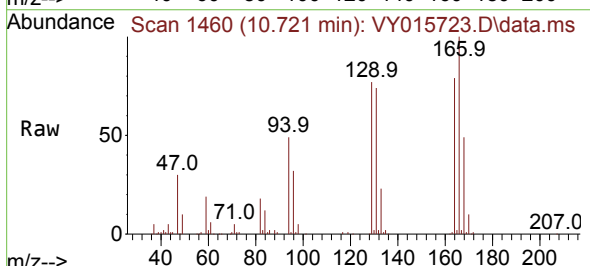
Ion Ratio Lower Upper

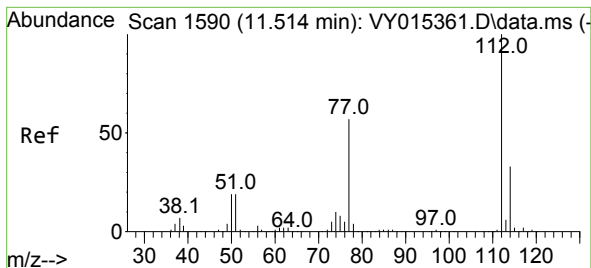
164 100

166 127.2 103.0 154.6

129 98.2 77.2 115.8

131 94.0 69.6 104.4





#65

Chlorobenzene

Concen: 21.259 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

Instrument :

MSVOA_Y

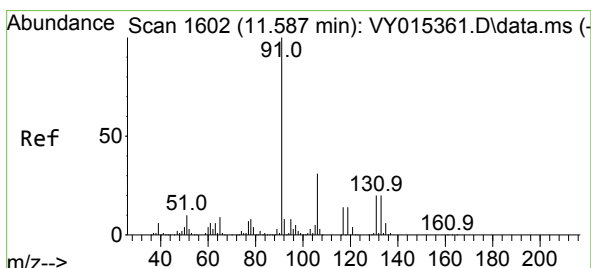
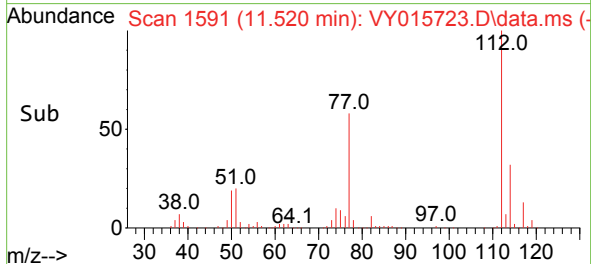
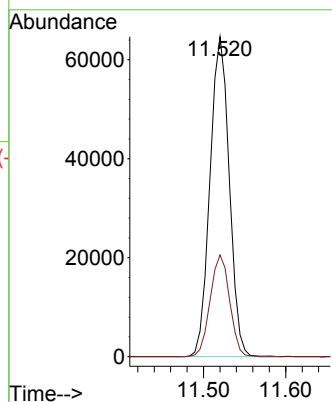
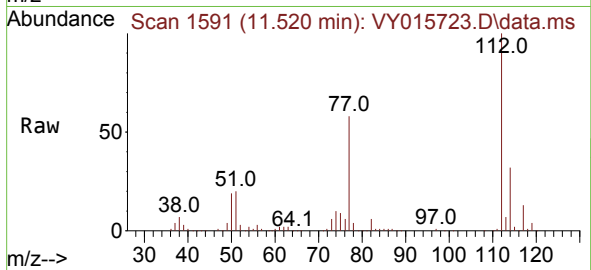
ClientSampleId :

Tgt Ion:112 Resp: 105476

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 21.896 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

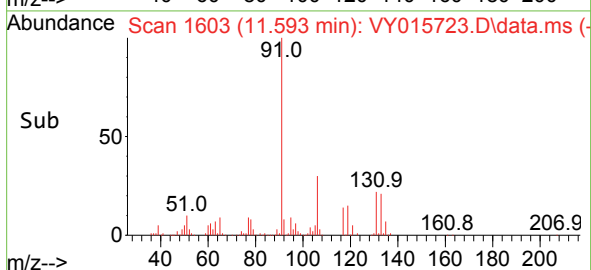
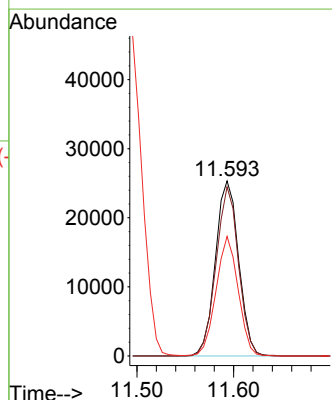
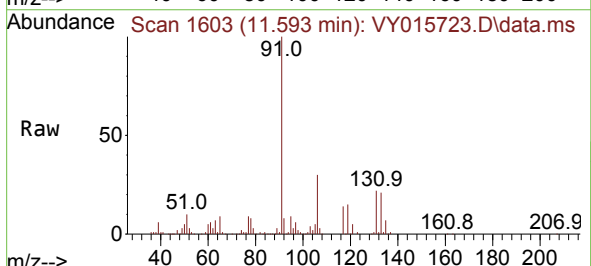
Tgt Ion:131 Resp: 42199

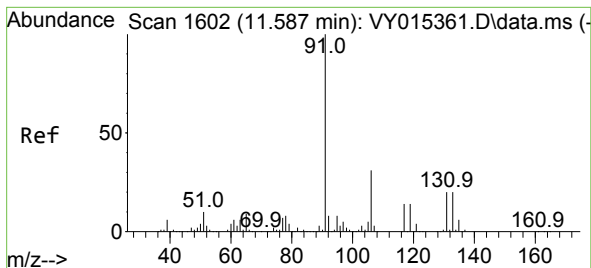
Ion Ratio Lower Upper

131 100

133 93.5 47.5 142.6

119 65.2 31.6 94.7





#67

Ethyl Benzene

Concen: 21.380 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

Instrument :

MSVOA_Y

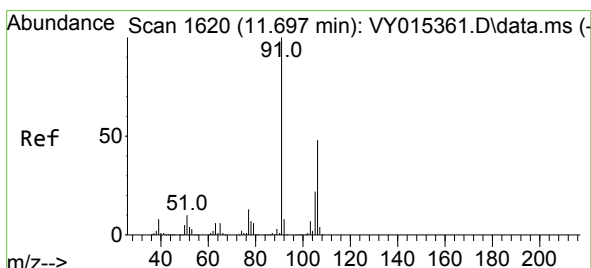
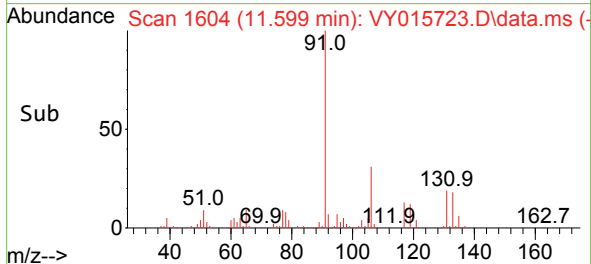
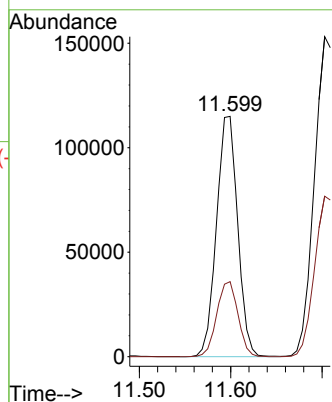
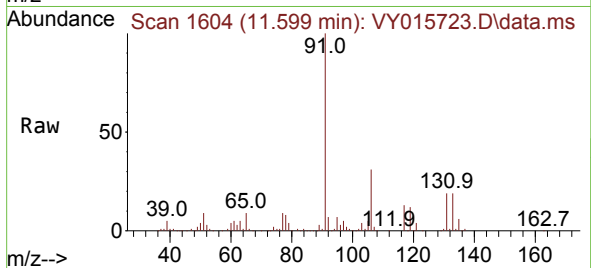
ClientSampleId :

Tgt Ion: 91 Resp: 185406

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 43.164 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015723.D

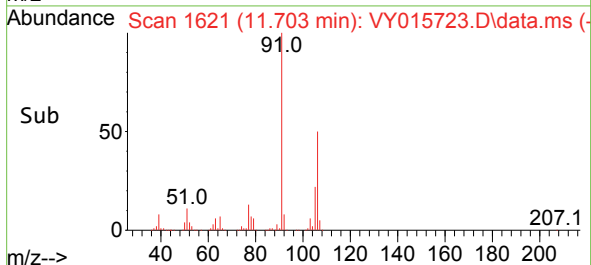
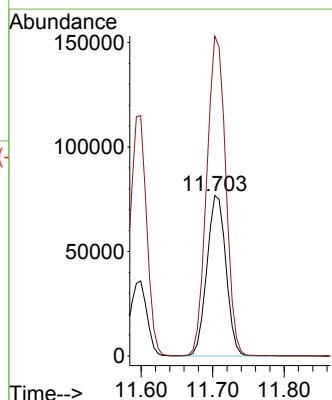
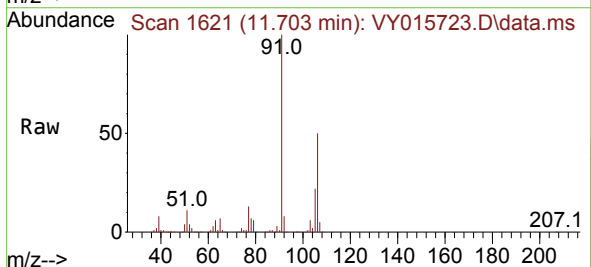
Acq: 27 Sep 2023 13:49

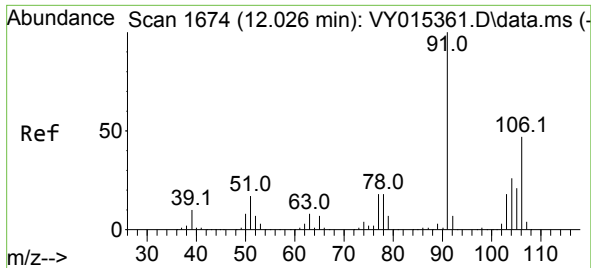
Tgt Ion:106 Resp: 142276

Ion Ratio Lower Upper

106 100

91 198.5 166.1 249.1

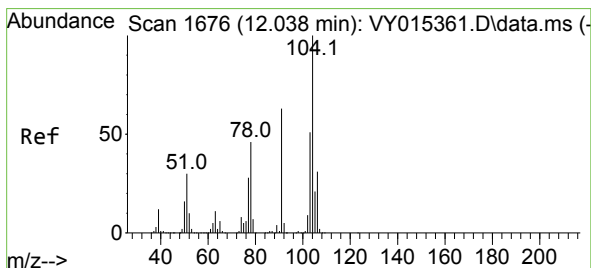
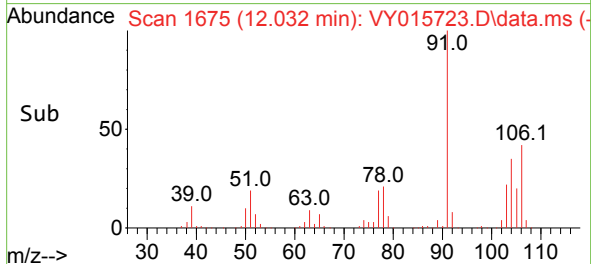
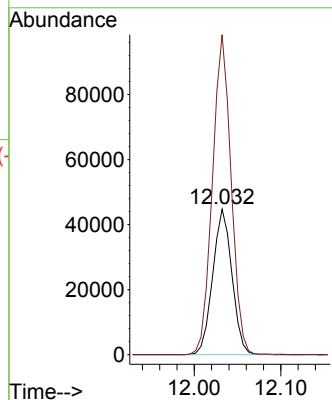
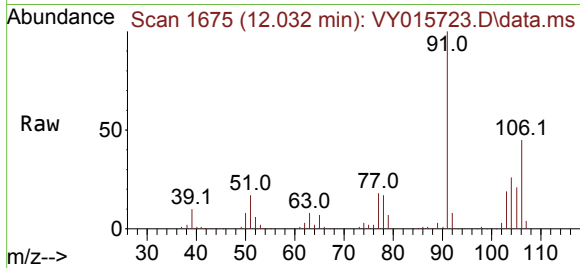




#69
o-Xylene
Concen: 21.335 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

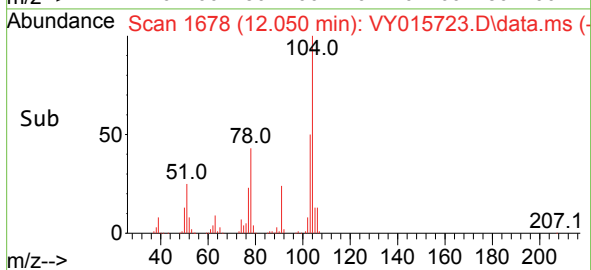
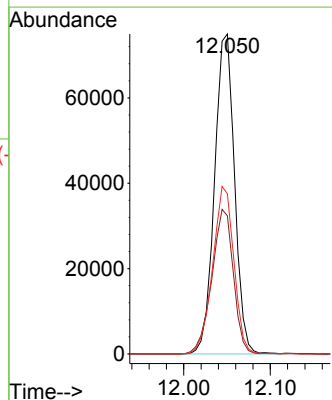
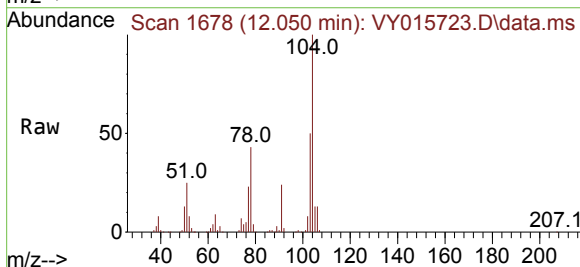
Instrument :
MSVOA_Y
ClientSampleId :

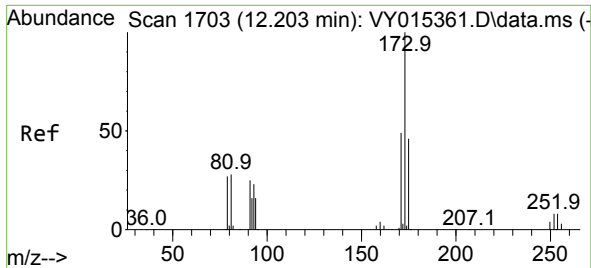
Tgt Ion:106 Resp: 68957
Ion Ratio Lower Upper
106 100
91 214.3 108.1 324.3



#70
Styrene
Concen: 21.740 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion:104 Resp: 120274
Ion Ratio Lower Upper
104 100
78 48.7 41.5 62.3
103 55.6 44.6 67.0

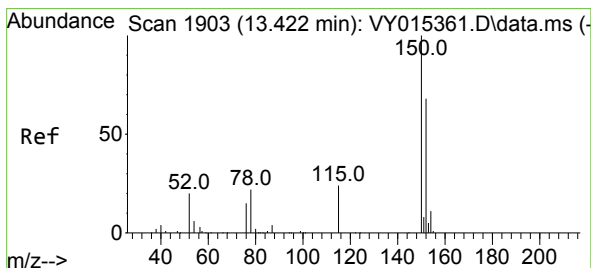
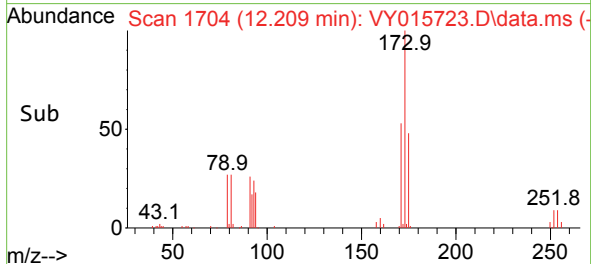
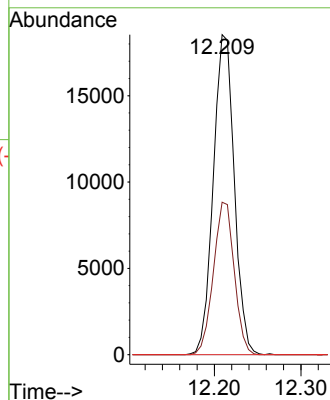
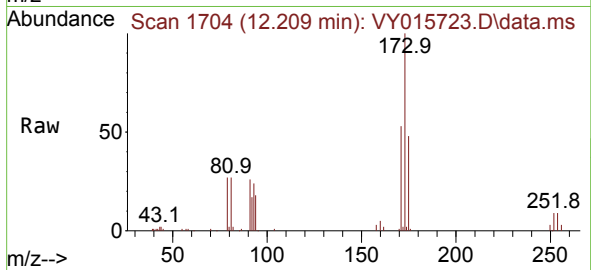




#71
Bromoform
Concen: 22.322 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

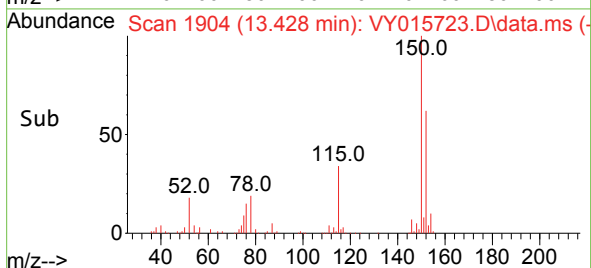
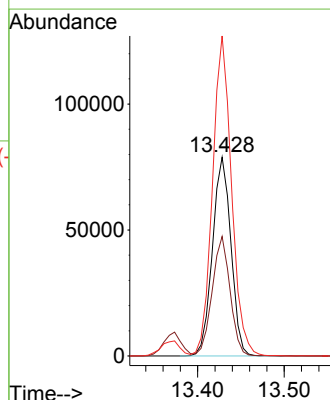
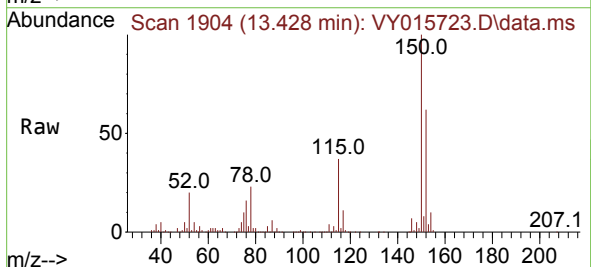
Instrument :
MSVOA_Y
ClientSampleId :

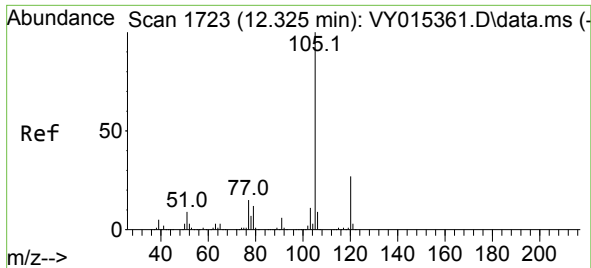
Tgt Ion:173 Resp: 31174
Ion Ratio Lower Upper
173 100
175 47.3 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion:152 Resp: 117118
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 165.5 0.0 348.8

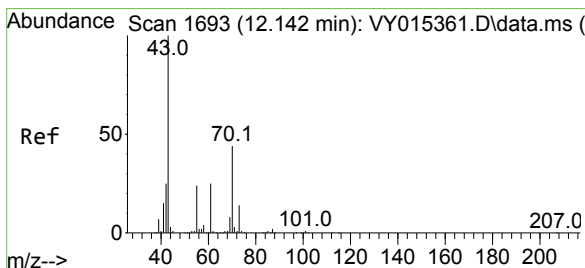
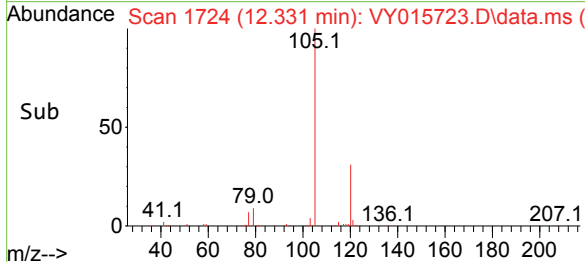
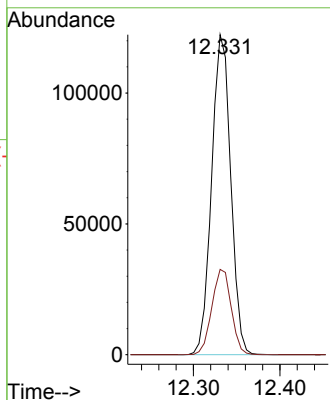
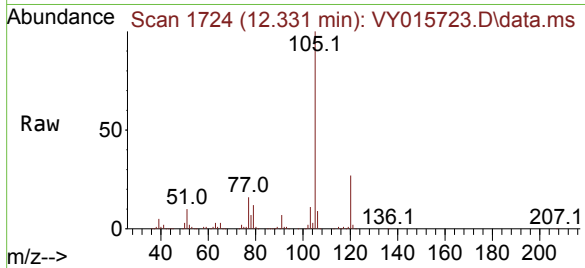




#73
Isopropylbenzene
Concen: 21.335 ug/l
RT: 12.331 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

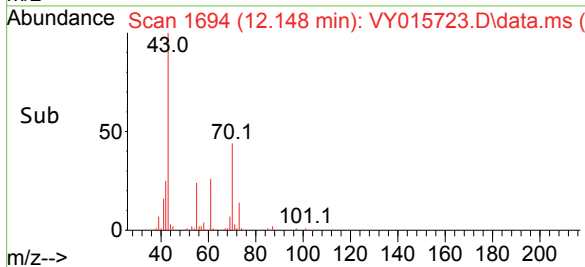
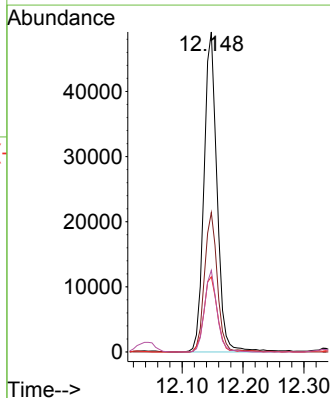
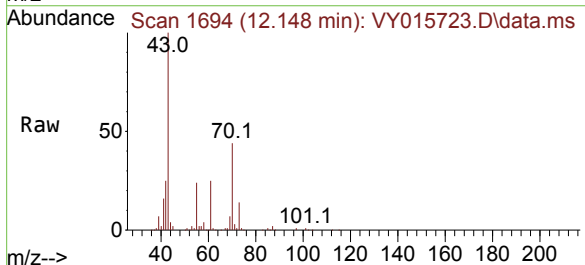
Instrument :
MSVOA_Y
ClientSampleId :

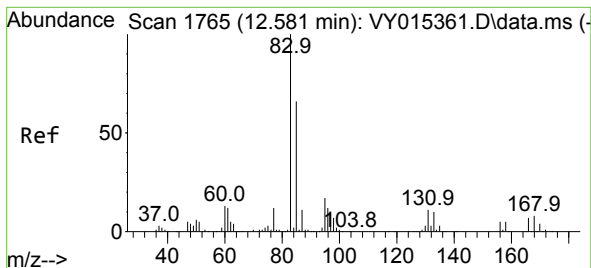
Tgt Ion:105 Resp: 187446
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9



#74
N-ethyl acetate
Concen: 22.193 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion: 43 Resp: 73285
Ion Ratio Lower Upper
43 100
70 43.0 29.7 44.5
55 24.4 18.3 27.5
61 24.4 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.633 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

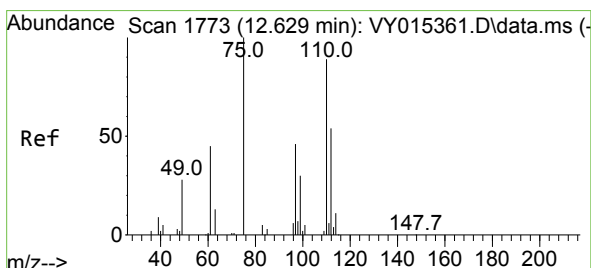
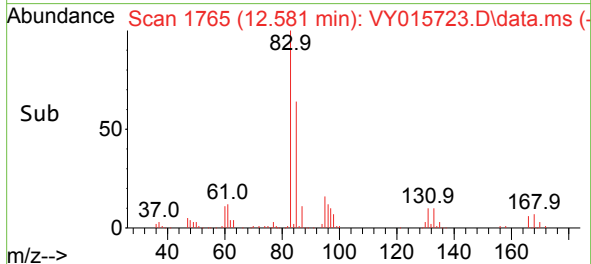
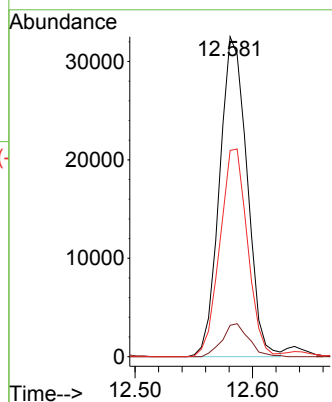
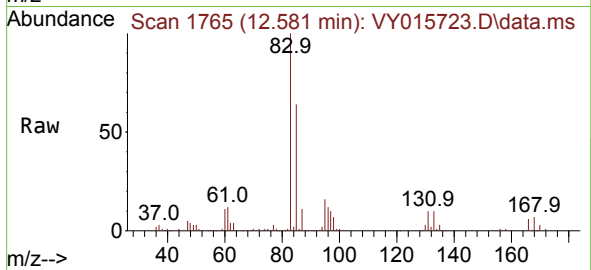
Tgt Ion: 83 Resp: 52896

Ion Ratio Lower Upper

83 100

131 10.0 5.4 16.2

85 65.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 38.146 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY015723.D

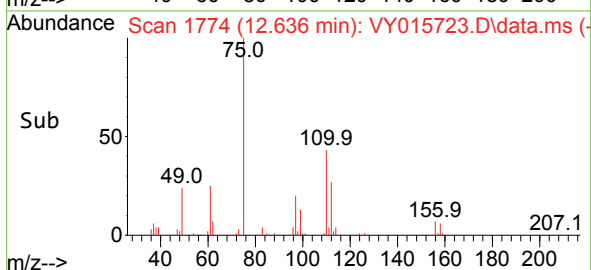
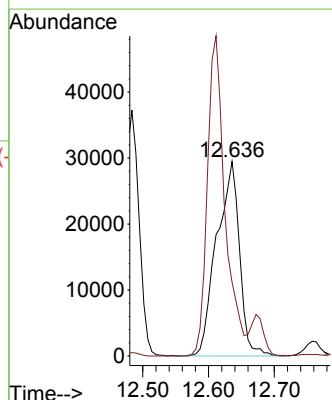
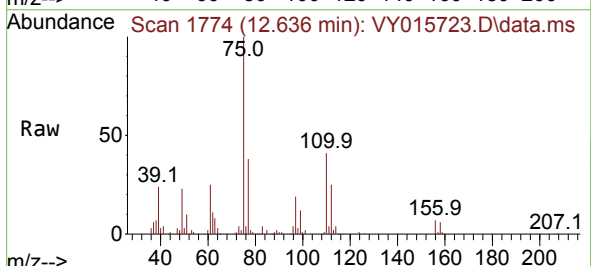
Acq: 27 Sep 2023 13:49

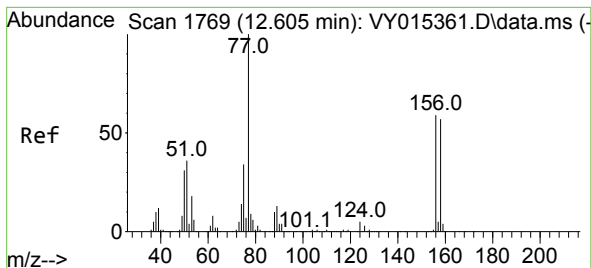
Tgt Ion: 75 Resp: 71272

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.251 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

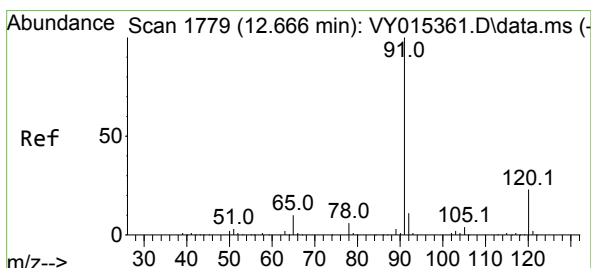
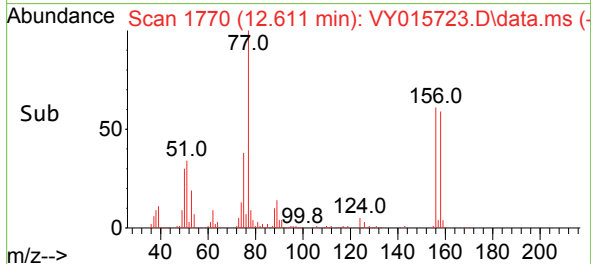
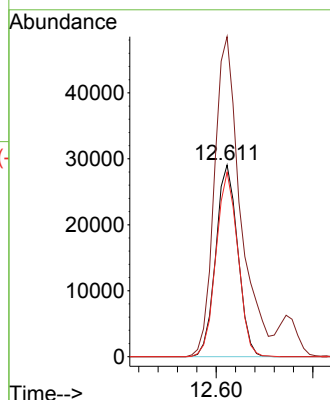
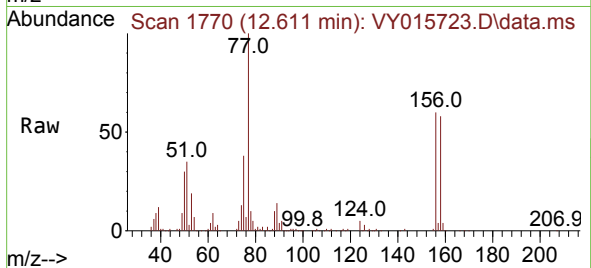
Tgt Ion:156 Resp: 45831

Ion Ratio Lower Upper

156 100

77 196.9 92.8 278.6

158 95.8 48.4 145.3



#78

n-propylbenzene

Concen: 21.002 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015723.D

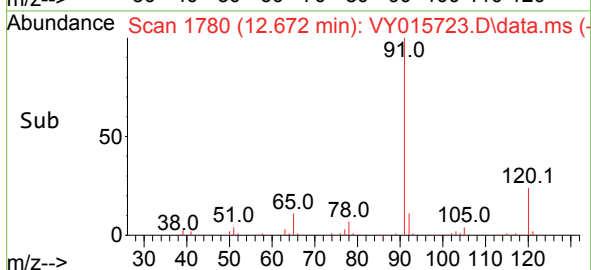
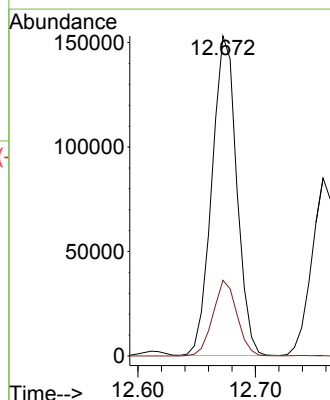
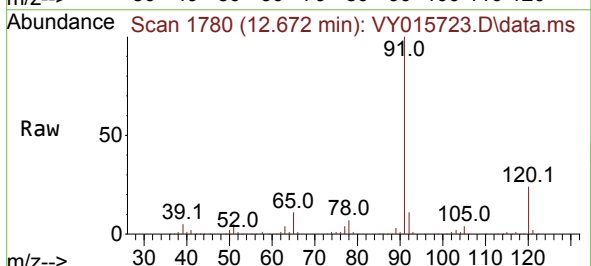
Acq: 27 Sep 2023 13:49

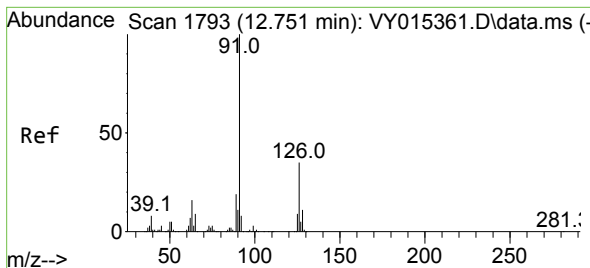
Tgt Ion: 91 Resp: 224168

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

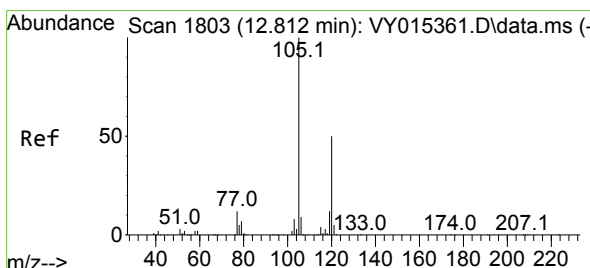
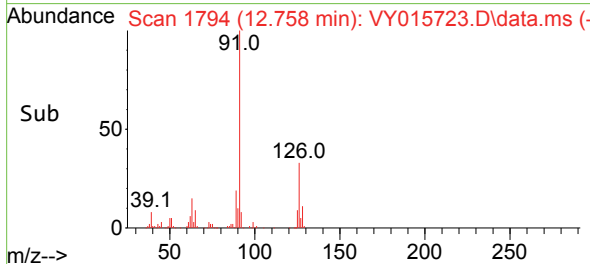
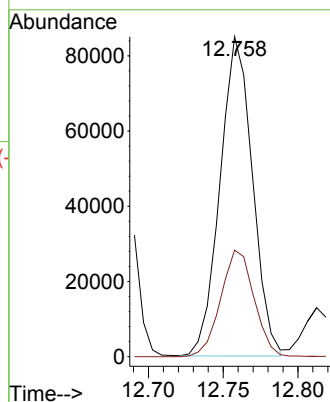
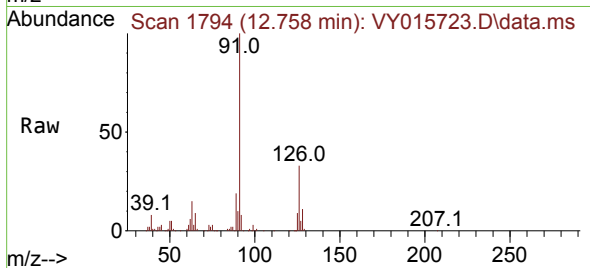




#79
2-Chlorotoluene
Concen: 21.053 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.007 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

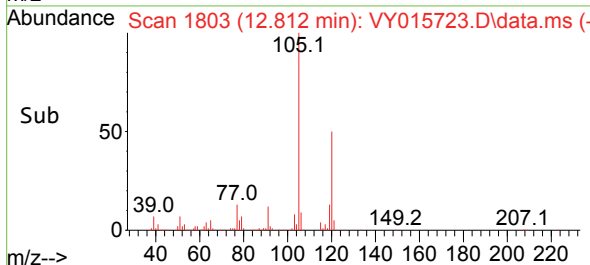
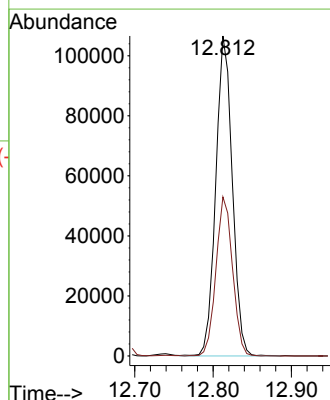
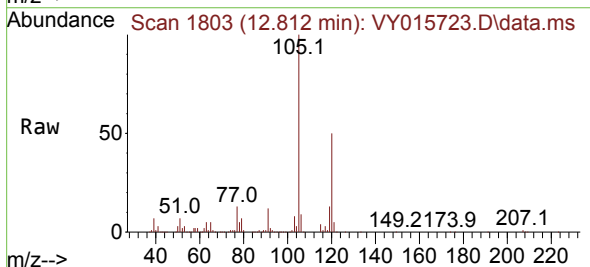
Instrument :
MSVOA_Y
ClientSampleId :

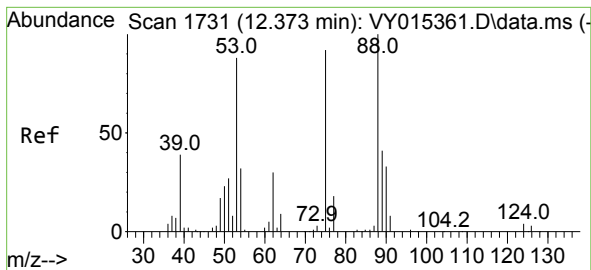
Tgt Ion: 91 Resp: 128090
Ion Ratio Lower Upper
91 100
126 34.4 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 21.267 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion:105 Resp: 156424
Ion Ratio Lower Upper
105 100
120 49.9 23.9 71.7

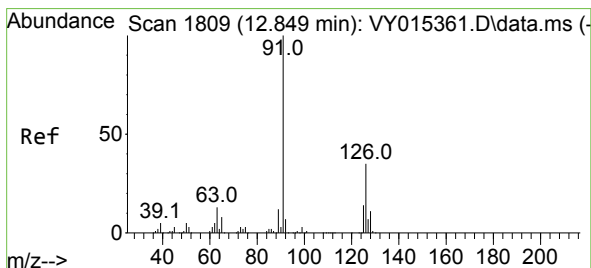
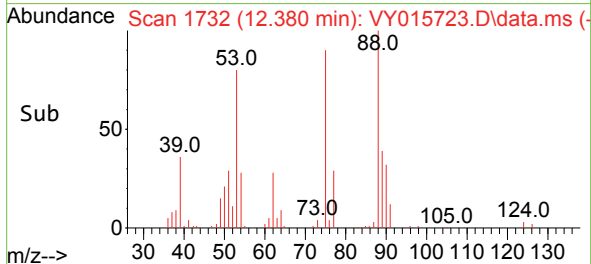
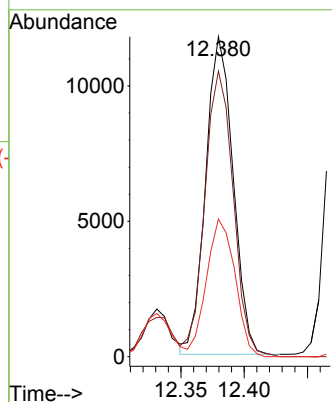
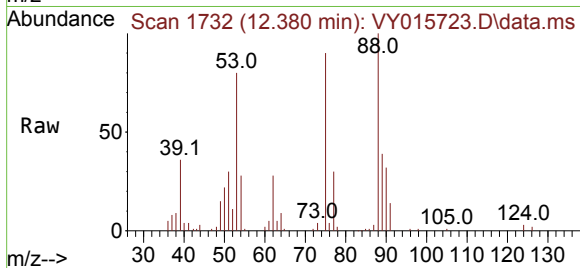




#81
trans-1,4-Dichloro-2-butene
Concen: 21.345 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

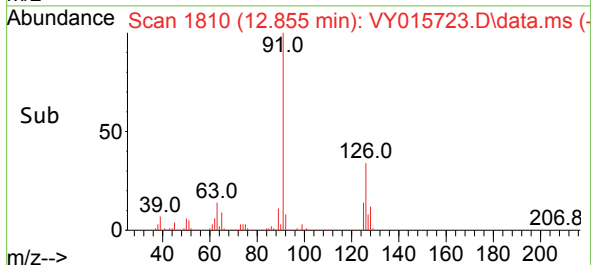
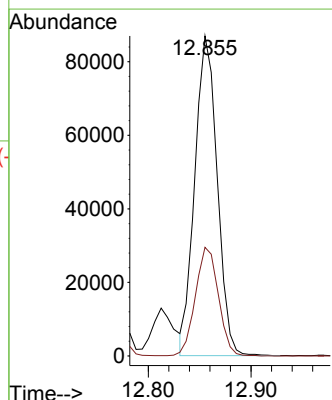
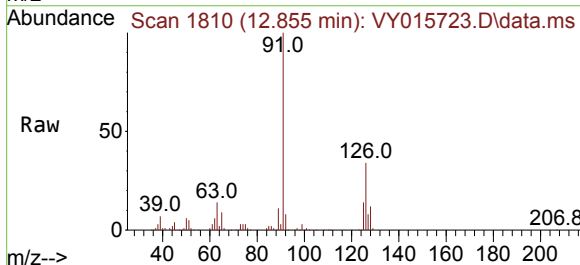
Instrument :
MSVOA_Y
ClientSampleId :

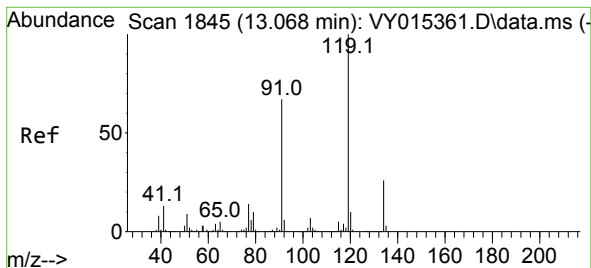
Tgt Ion: 75 Resp: 17710
Ion Ratio Lower Upper
75 100
53 93.2 77.8 116.8
89 44.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.759 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion: 91 Resp: 131851
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 22.079 ug/l

RT: 13.075 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

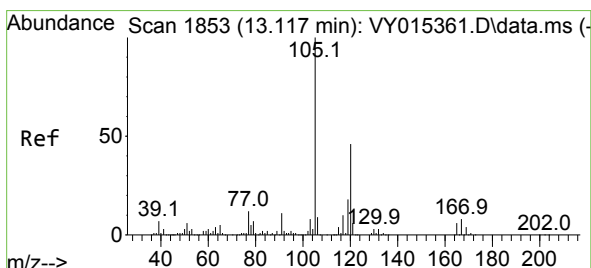
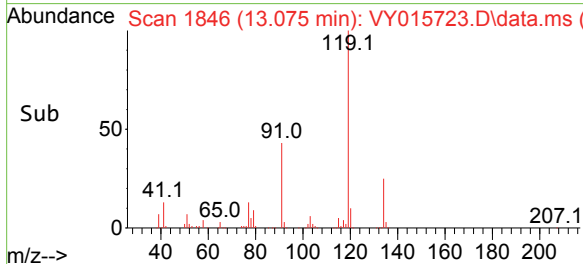
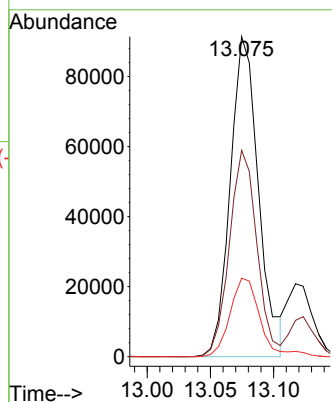
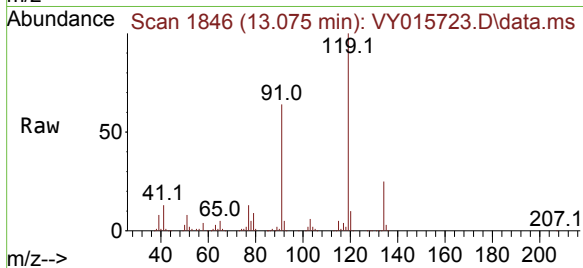
Tgt Ion:119 Resp: 142233

Ion Ratio Lower Upper

119 100

91 62.9 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.495 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015723.D

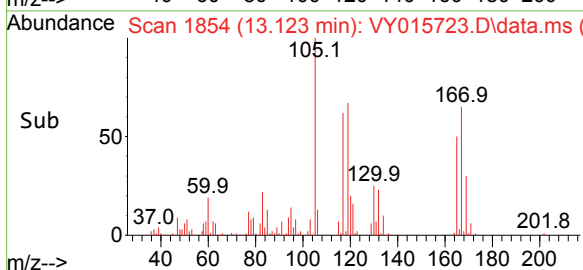
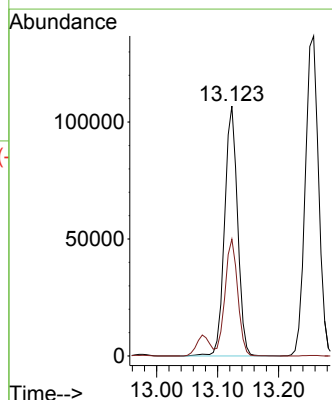
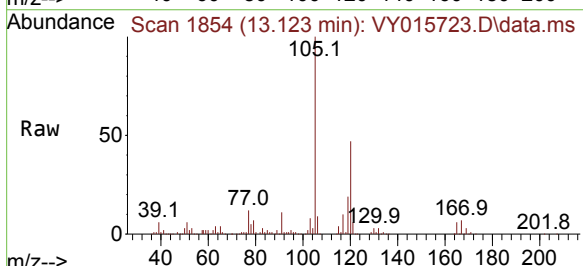
Acq: 27 Sep 2023 13:49

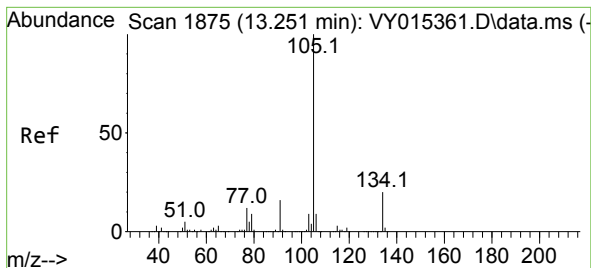
Tgt Ion:105 Resp: 158193

Ion Ratio Lower Upper

105 100

120 46.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.512 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.007 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

Instrument :

MSVOA_Y

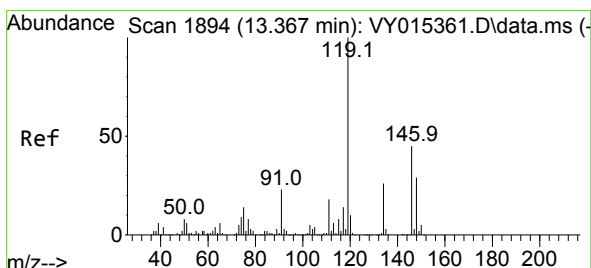
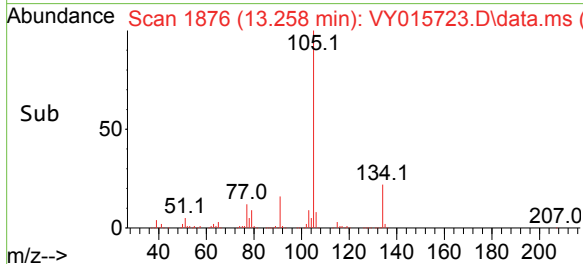
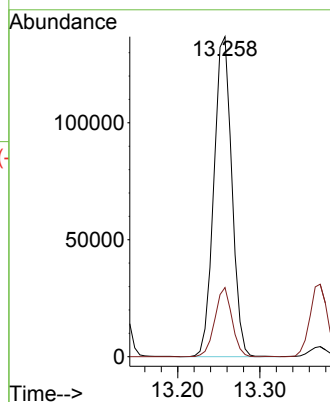
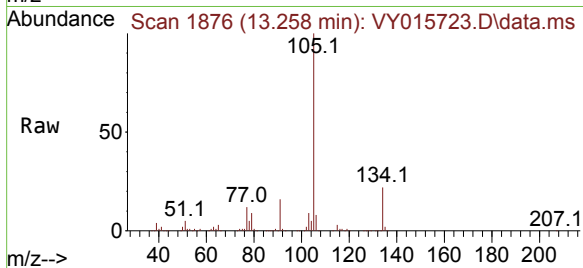
ClientSampleId :

Tgt Ion:105 Resp: 207387

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.336 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

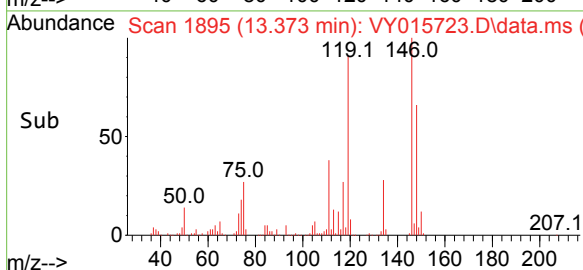
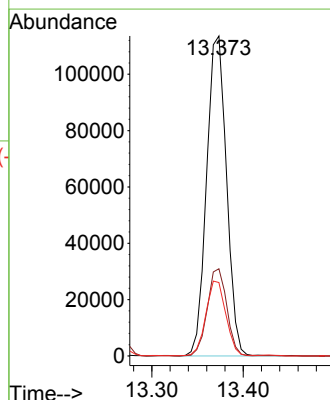
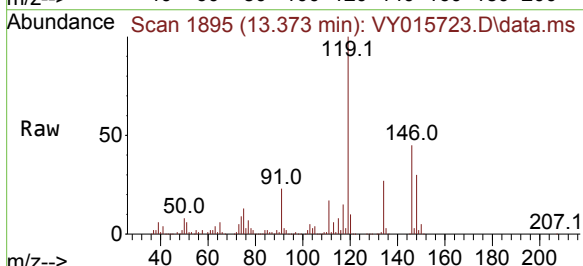
Tgt Ion:119 Resp: 171817

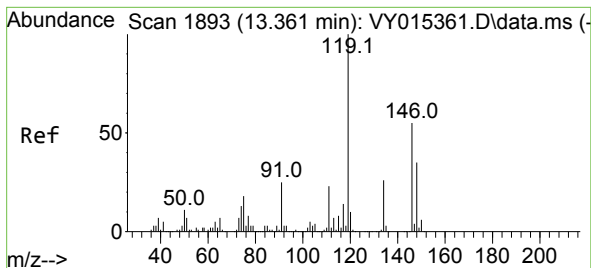
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 21.215 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

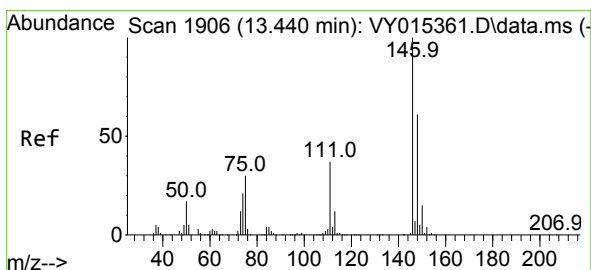
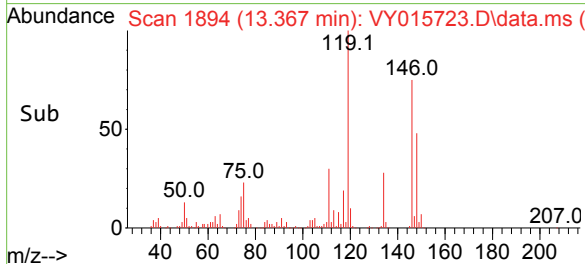
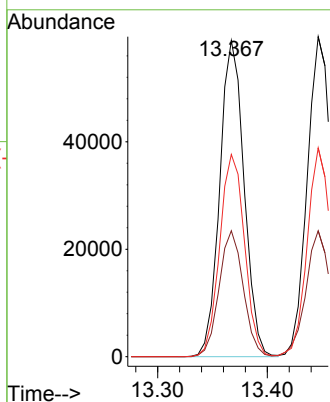
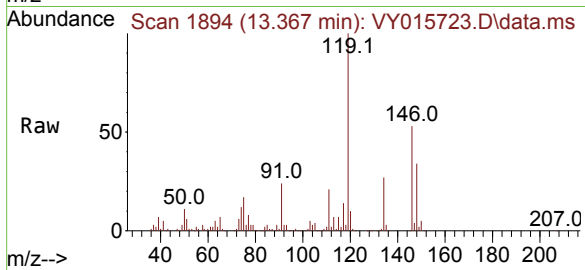
Tgt Ion:146 Resp: 90769

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.2

148 65.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.643 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

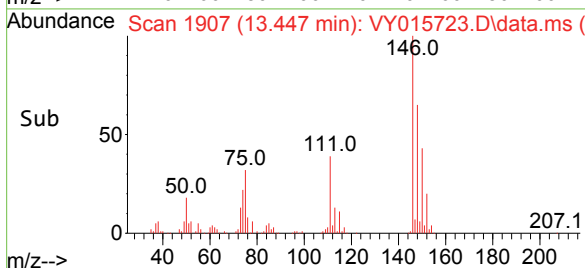
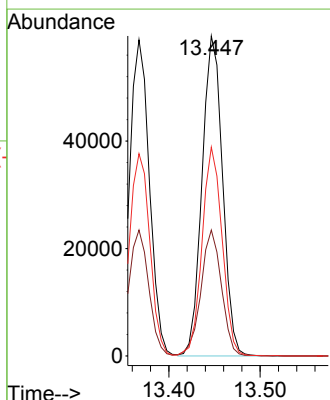
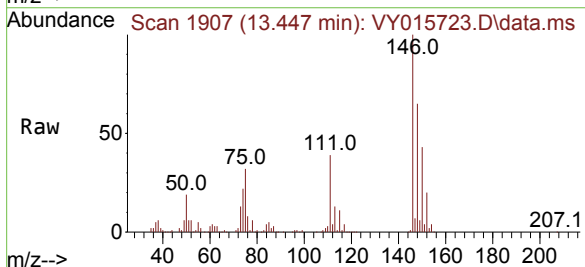
Tgt Ion:146 Resp: 92610

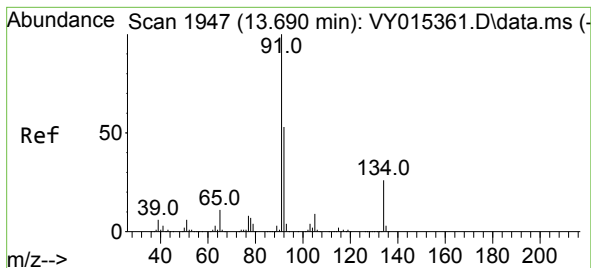
Ion Ratio Lower Upper

146 100

111 39.6 18.9 56.7

148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 21.222 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

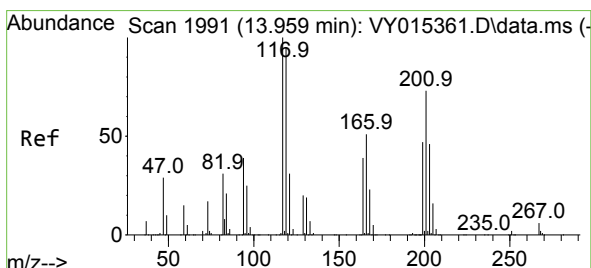
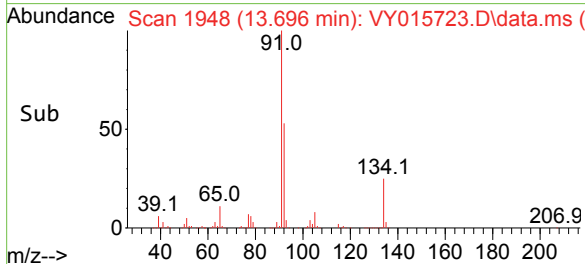
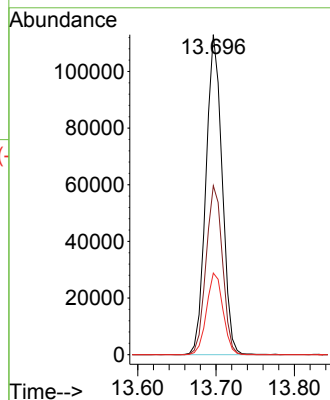
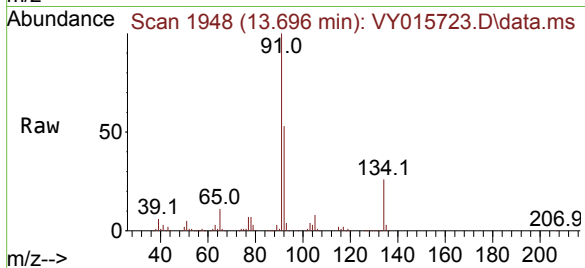
Tgt Ion: 91 Resp: 161830

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 25.9 12.6 37.6



#90

Hexachloroethane

Concen: 20.952 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015723.D

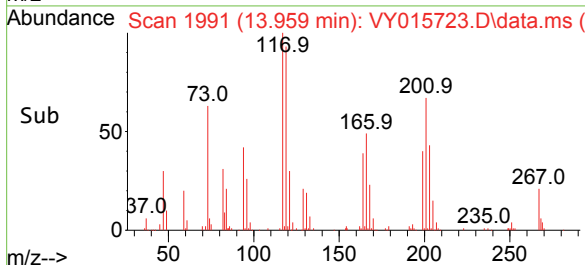
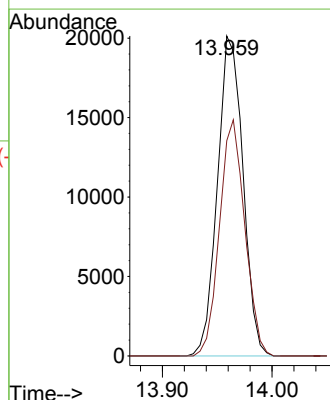
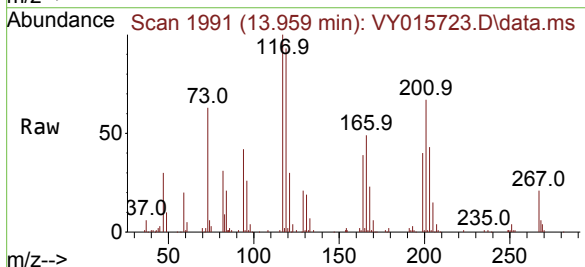
Acq: 27 Sep 2023 13:49

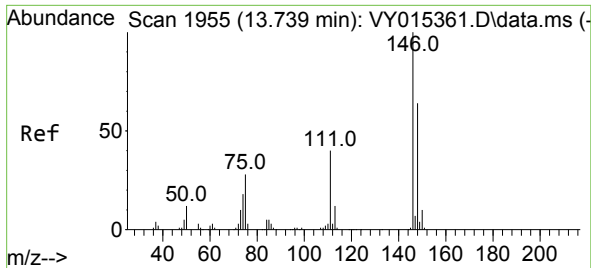
Tgt Ion: 117 Resp: 32564

Ion Ratio Lower Upper

117 100

201 73.2 41.6 124.8

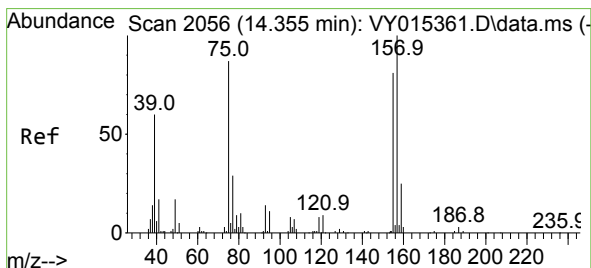
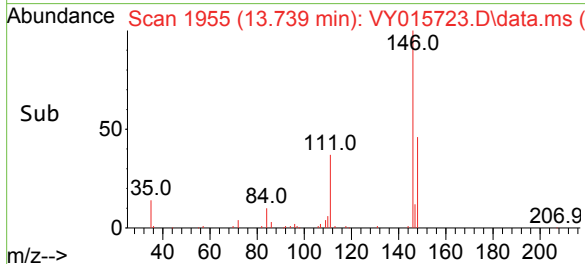
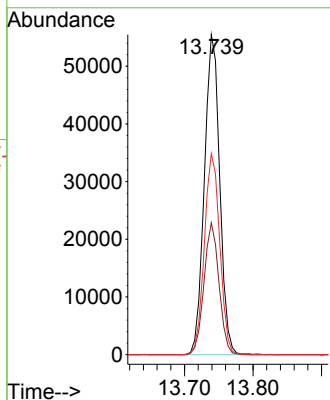
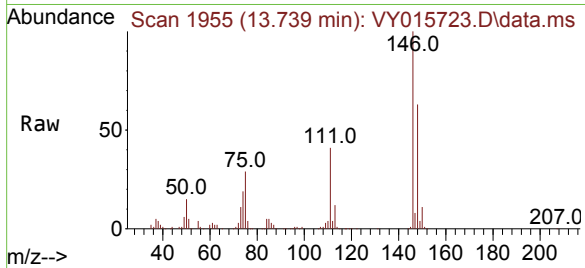




#91
1,2-Dichlorobenzene
Concen: 21.916 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

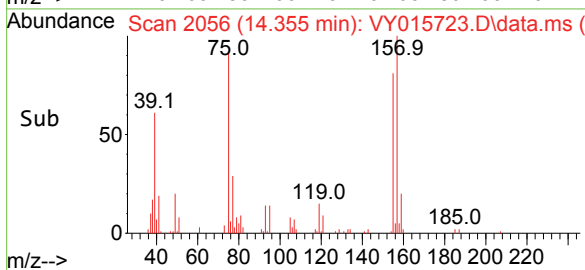
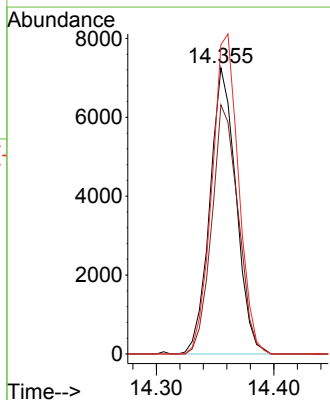
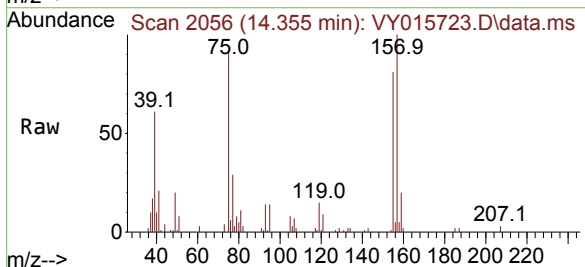
Instrument :
MSVOA_Y
ClientSampleId :

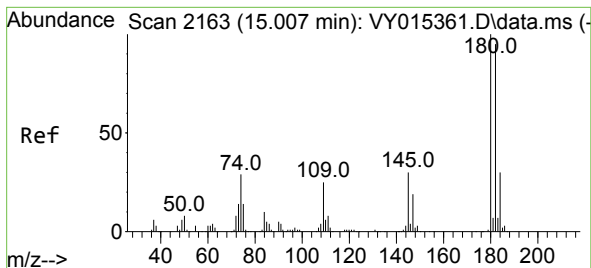
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.7	59.0
148	63.0	32.0	96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.147 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY015723.D
Acq: 27 Sep 2023 13:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.6	41.5	124.6
157	113.1	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 22.136 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

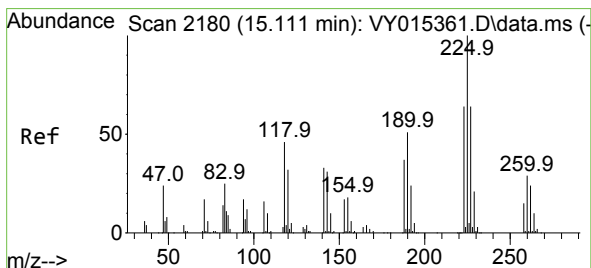
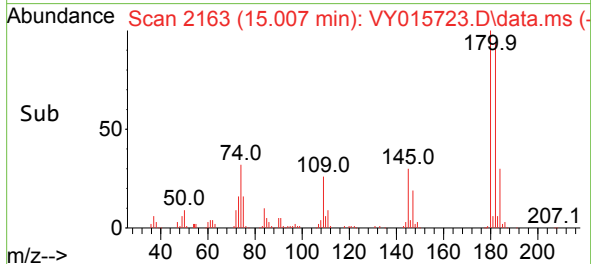
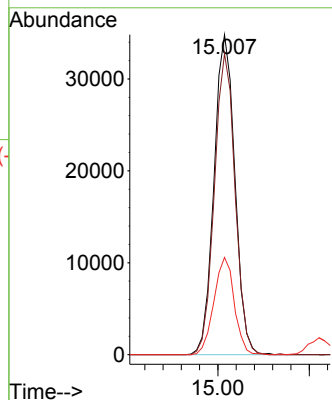
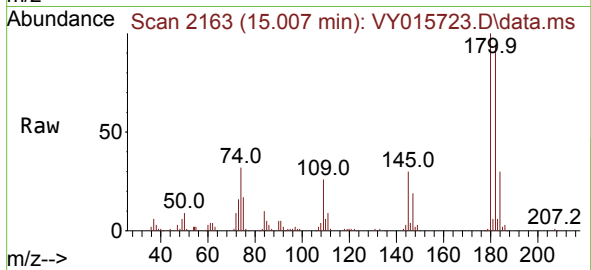
Tgt Ion:180 Resp: 55040

Ion Ratio Lower Upper

180 100

182 93.3 47.0 141.2

145 29.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.112 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

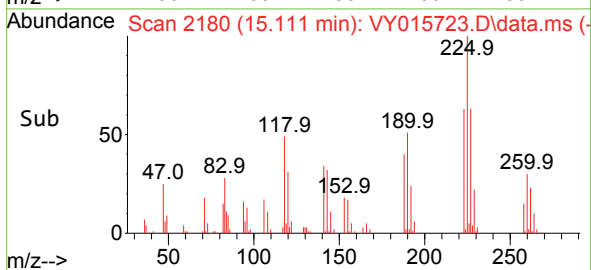
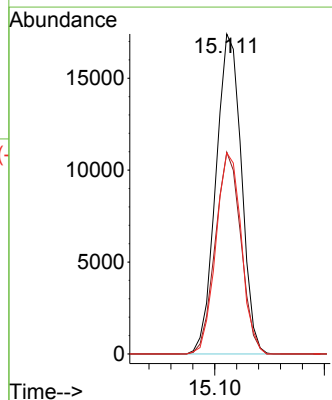
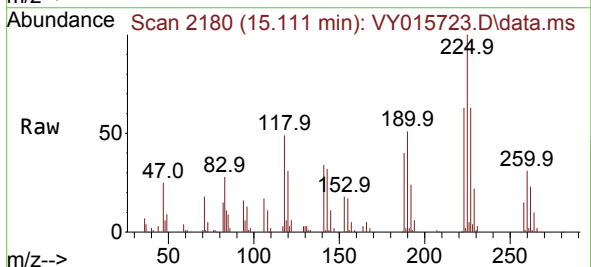
Tgt Ion:225 Resp: 28155

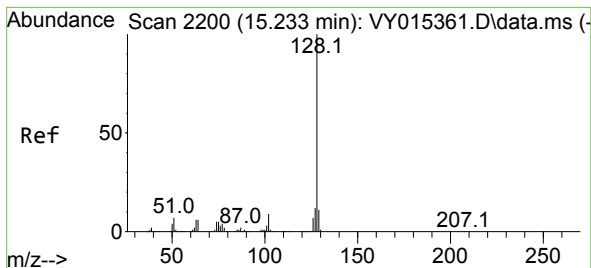
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.9

227 62.6 33.0 98.9





#95

Naphthalene

Concen: 22.481 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

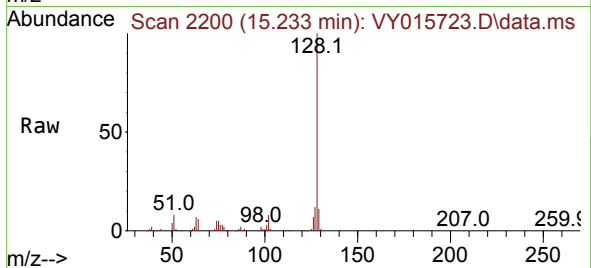
Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

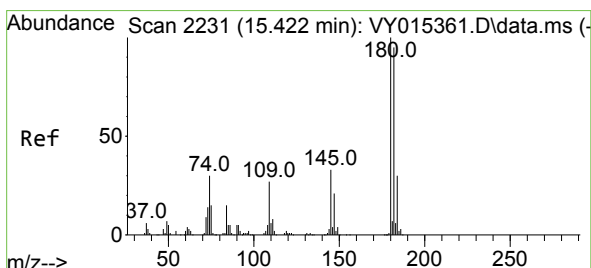
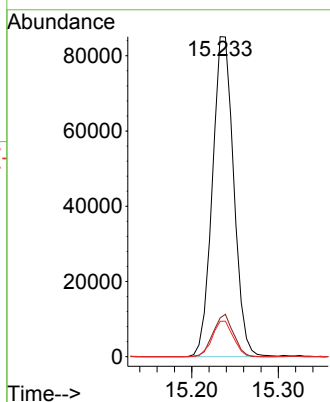
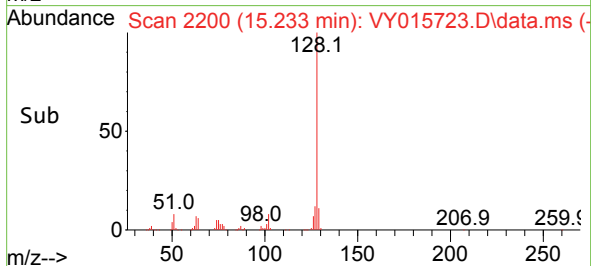
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	128	Resp:	145756
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: 22.603 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015723.D

Acq: 27 Sep 2023 13:49

Tgt Ion:	180	Resp:	51873
Ion Ratio	Lower	Upper	
180	100		
182	92.8	47.3	141.8
145	31.3	15.4	46.2

