

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091923\
 Data File : VY015639.D
 Acq On : 19 Sep 2023 12:26
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 14:03:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 14:01:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	162923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	276233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	253209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	40793	22.756	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	45.520%#		
35) Dibromofluoromethane	7.716	113	36742	22.223	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	44.440%#		
50) Toluene-d8	10.179	98	128766	22.970	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	45.940%#		
62) 4-Bromofluorobenzene	12.483	95	49618	22.554	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	45.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19816	18.452	ug/l	95
3) Chloromethane	2.113	50	26190	19.331	ug/l	98
4) Vinyl Chloride	2.247	62	28981	18.709	ug/l	95
5) Bromomethane	2.637	94	21804	16.594	ug/l	96
6) Chloroethane	2.778	64	22148	19.290	ug/l	95
7) Trichlorofluoromethane	3.119	101	50254	19.344	ug/l	98
8) Diethyl Ether	3.528	74	21842	19.715	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	31683	19.478	ug/l	93
10) Methyl Iodide	4.088	142	29834	17.475	ug/l	99
11) Tert butyl alcohol	4.972	59	52975	122.347	ug/l	100
12) 1,1-Dichloroethene	3.869	96	27476	19.169	ug/l	91
13) Acrolein	3.729	56	25820	94.050	ug/l	99
14) Allyl chloride	4.472	41	50915	19.428	ug/l	94
15) Acrylonitrile	5.167	53	85603	105.330	ug/l	97
16) Acetone	3.954	43	102852	107.213	ug/l	94
17) Carbon Disulfide	4.192	76	49844	17.901	ug/l	97
18) Methyl Acetate	4.485	43	65189	20.253	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	116385	19.937	ug/l	100
20) Methylene Chloride	4.710	84	45729	18.740	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	32613	19.906	ug/l	94
22) Diisopropyl ether	6.125	45	126954	20.129	ug/l	94
23) Vinyl Acetate	6.058	43	396520	101.859	ug/l	96
24) 1,1-Dichloroethane	6.015	63	67765	19.713	ug/l	97
25) 2-Butanone	6.990	43	141313	104.215	ug/l	100
26) 2,2-Dichloropropane	6.984	77	57391	18.266	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	42324	19.460	ug/l	96
28) Bromochloromethane	7.338	49	18810	20.168	ug/l	99
29) Tetrahydrofuran	7.350	42	80447	104.966	ug/l	94
30) Chloroform	7.509	83	73234	19.893	ug/l	94
31) Cyclohexane	7.783	56	46741	18.822	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	59588	19.607	ug/l	98
36) 1,1-Dichloropropene	7.917	75	46550	19.042	ug/l	99
37) Ethyl Acetate	7.082	43	52298	21.448	ug/l	97
38) Carbon Tetrachloride	7.899	117	51479	19.400	ug/l	98
39) Methylcyclohexane	9.185	83	51355	18.993	ug/l	94
40) Benzene	8.161	78	146610	19.666	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	70178	54.892	ug/l #	30
42) 1,2-Dichloroethane	8.240	62	51271	20.081	ug/l	94
43) Isopropyl Acetate	8.277	43	85215	20.459	ug/l	98
44) Trichloroethene	8.941	130	41388	19.877	ug/l	97
45) 1,2-Dichloropropane	9.216	63	41206	19.820	ug/l	95
46) Dibromomethane	9.307	93	26057	19.594	ug/l	95
47) Bromodichloromethane	9.496	83	58771	19.827	ug/l	99
48) Methyl methacrylate	9.295	41	37209	20.352	ug/l	91
49) 1,4-Dioxane	9.307	88	11078	421.660	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	271024	104.980	ug/l	94
52) Toluene	10.246	92	94319	19.625	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	62840	19.769	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	67924	19.851	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	39754	20.399	ug/l	94
56) Ethyl methacrylate	10.514	69	57204	19.918	ug/l	91
57) 1,3-Dichloropropane	10.788	76	65384	20.006	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	97831	107.238	ug/l	96
59) 2-Hexanone	10.831	43	212816	107.445	ug/l	92
60) Dibromochloromethane	10.983	129	45178	19.859	ug/l	100
61) 1,2-Dibromoethane	11.087	107	38501	20.194	ug/l	99
64) Tetrachloroethene	10.721	164	44155	20.325	ug/l	98
65) Chlorobenzene	11.514	112	109238	19.764	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	42574	19.830	ug/l	98
67) Ethyl Benzene	11.593	91	189710	19.638	ug/l	99
68) m/p-Xylenes	11.703	106	146267	39.834	ug/l	96
69) o-Xylene	12.026	106	70354	19.540	ug/l	99
70) Styrene	12.044	104	122052	19.804	ug/l	97
71) Bromoform	12.209	173	30852	19.831	ug/l #	99
73) Isopropylbenzene	12.331	105	189422	19.407	ug/l	100
74) N-amyl acetate	12.142	43	73486	20.031	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	53855	19.825	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	70113	32.174	ug/l #	100
77) Bromobenzene	12.605	156	45810	19.120	ug/l	93
78) n-propylbenzene	12.672	91	229965	19.393	ug/l	99
79) 2-Chlorotoluene	12.758	91	130717	19.339	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	159233	19.487	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	17872	19.389	ug/l	94
82) 4-Chlorotoluene	12.855	91	138998	19.699	ug/l	100
83) tert-Butylbenzene	13.075	119	138857	19.402	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	161301	19.729	ug/l	99
85) sec-Butylbenzene	13.251	105	208650	19.481	ug/l	100
86) p-Isopropyltoluene	13.367	119	175092	19.571	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	93070	19.580	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	93774	19.726	ug/l	98
89) n-Butylbenzene	13.696	91	167561	19.779	ug/l	98
90) Hexachloroethane	13.959	117	32709	18.944	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	86576	19.731	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10974	20.340	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	54666	19.790	ug/l	99
94) Hexachlorobutadiene	15.111	225	28463	20.121	ug/l	96
95) Naphthalene	15.233	128	142308	19.757	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	50490	19.803	ug/l	99

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QLast Update : Tue Sep 19 14:01:30 2023
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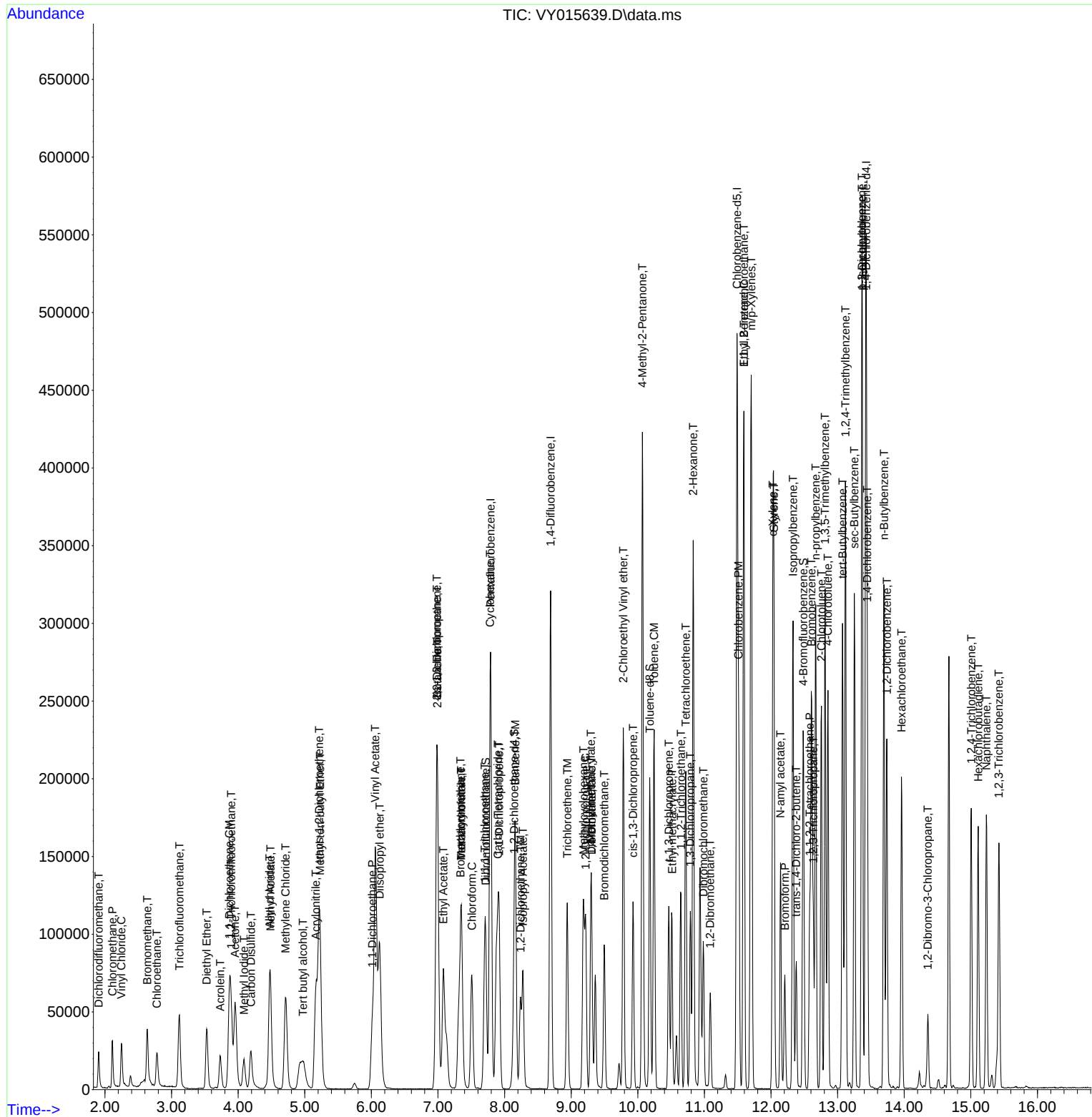
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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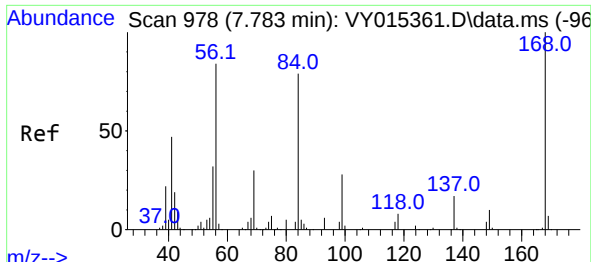
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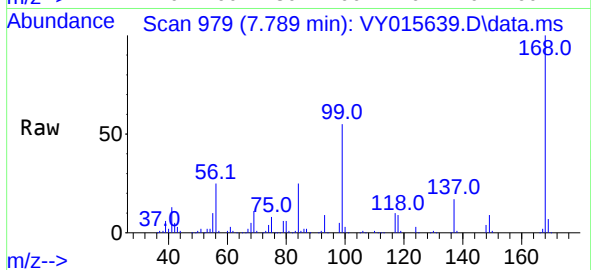
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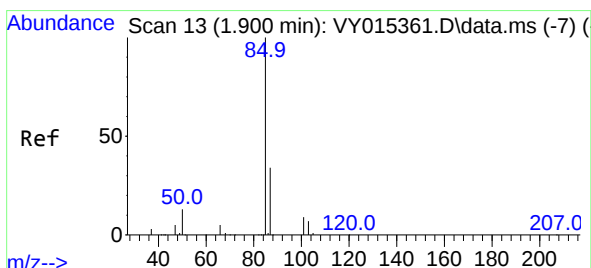
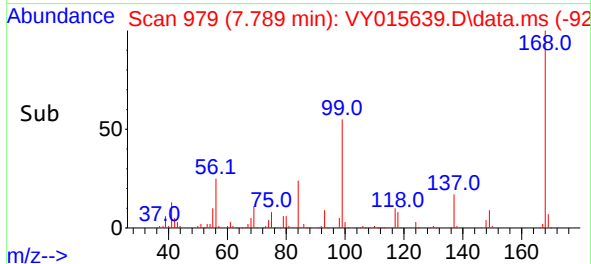
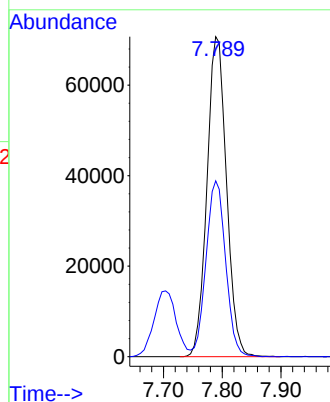


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
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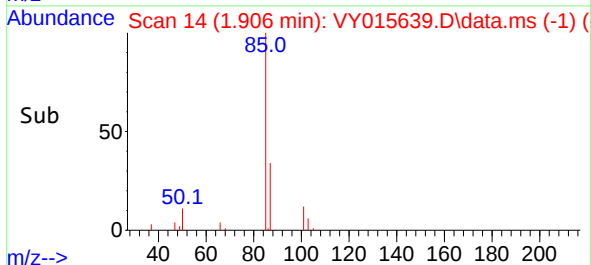
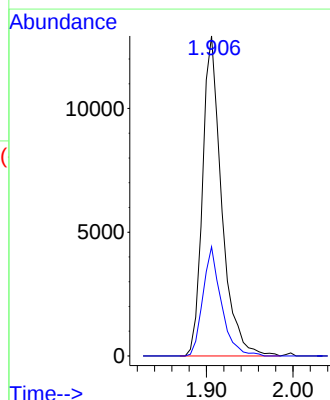
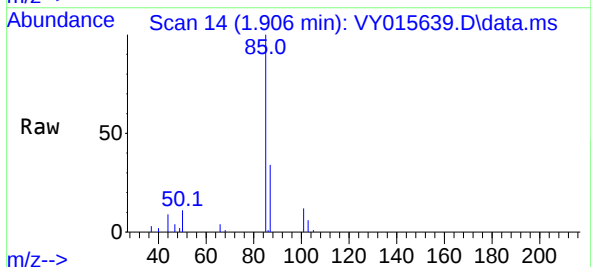


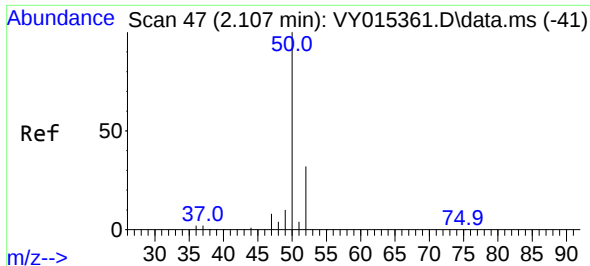
Tgt Ion:168 Resp: 162923
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.452 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 85 Resp: 19816
Ion Ratio Lower Upper
85 100
87 34.1 15.6 46.8

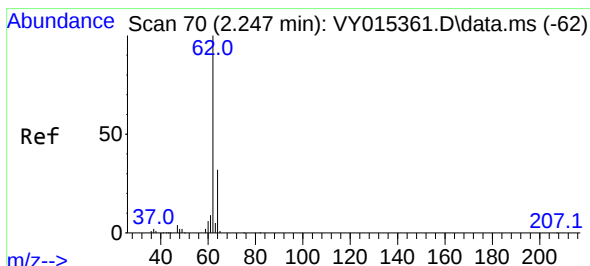
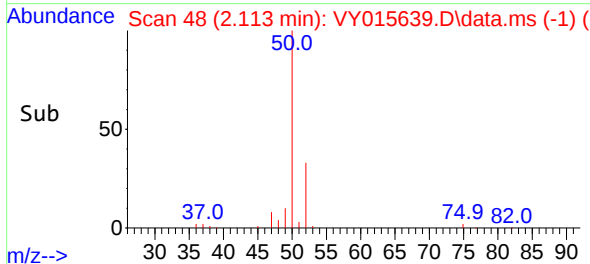
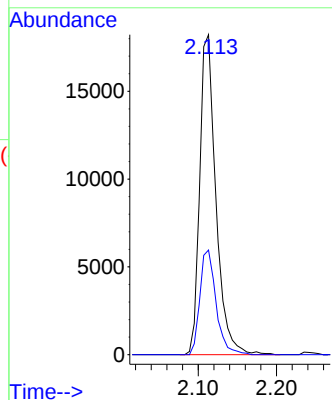
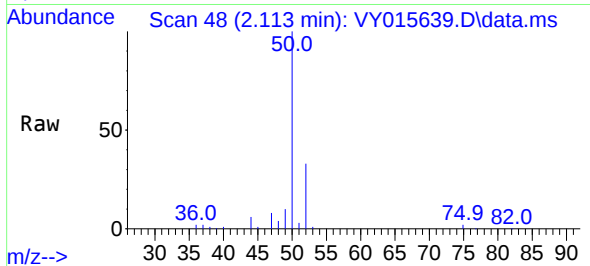




#3
Chloromethane
Concen: 19.331 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

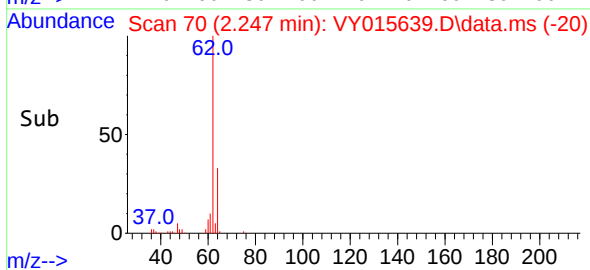
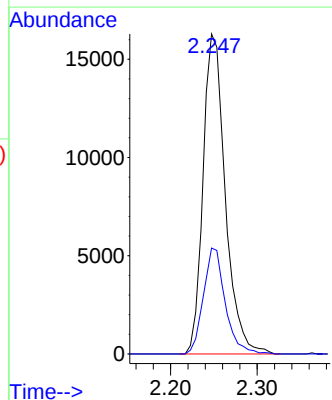
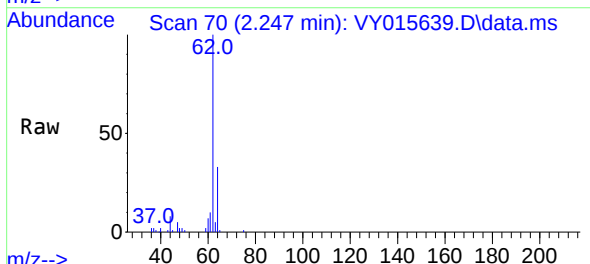
Instrument :
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ClientSampleId :

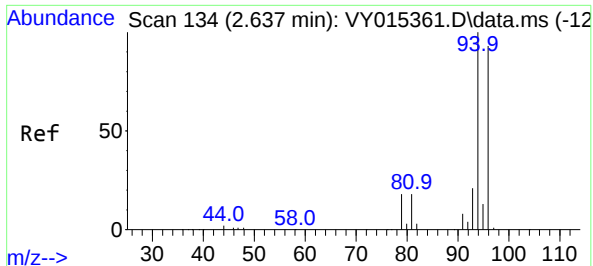
Tgt Ion: 50 Resp: 26190
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.2



#4
Vinyl Chloride
Concen: 18.709 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 62 Resp: 28981
Ion Ratio Lower Upper
62 100
64 33.1 24.3 36.5

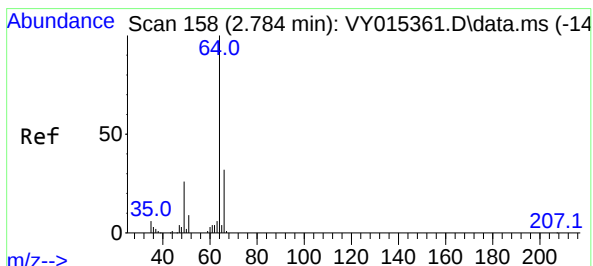
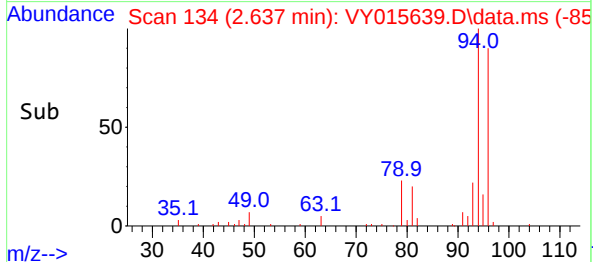
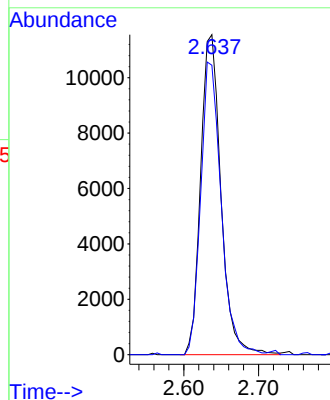
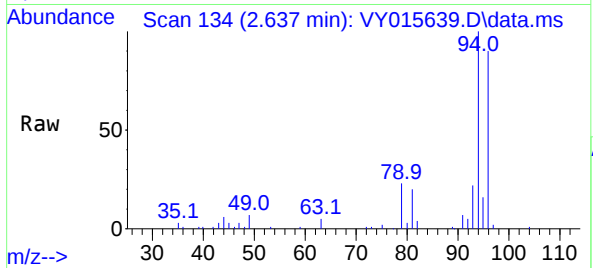




#5
Bromomethane
Concen: 16.594 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015639.D
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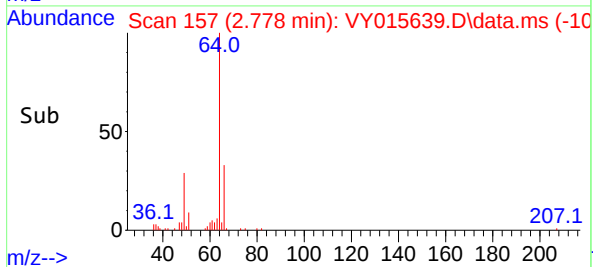
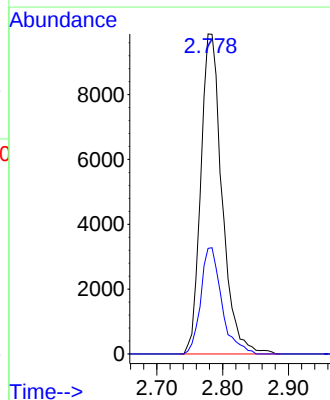
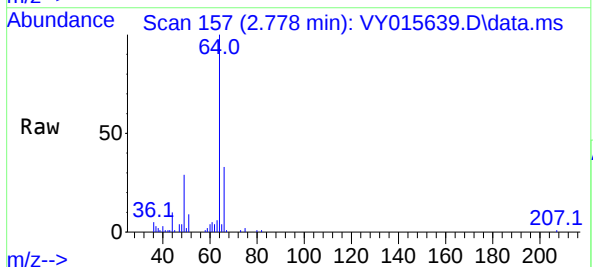
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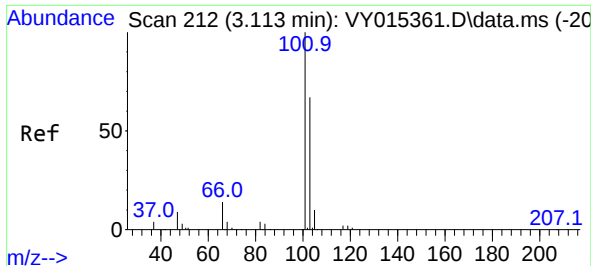
Tgt Ion: 94 Resp: 21804
Ion Ratio Lower Upper
94 100
96 90.4 75.8 113.6



#6
Chloroethane
Concen: 19.290 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 64 Resp: 22148
Ion Ratio Lower Upper
64 100
66 33.0 24.4 36.6

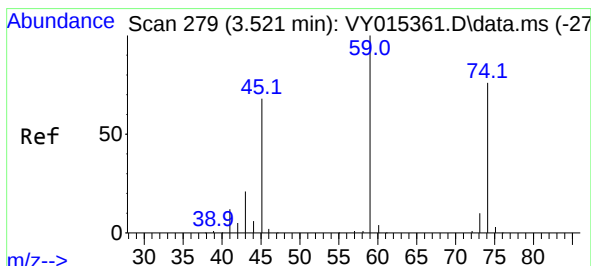
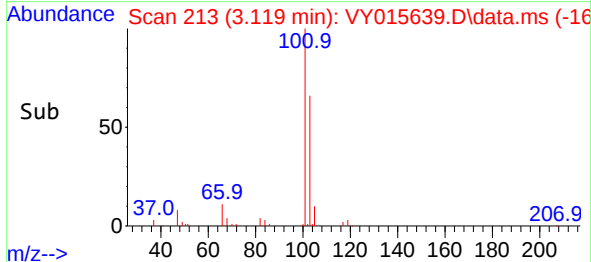
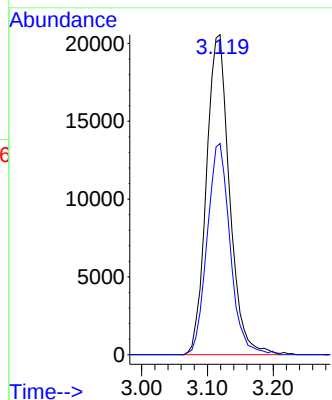
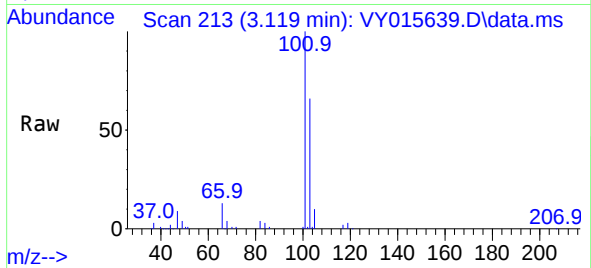




#7
Trichlorofluoromethane
Concen: 19.344 ug/l
RT: 3.119 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

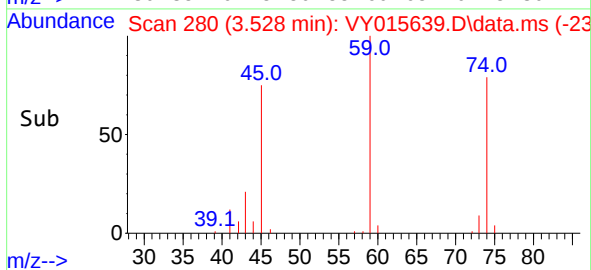
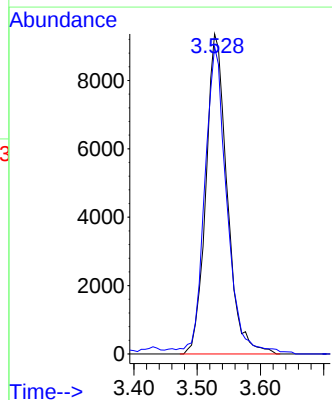
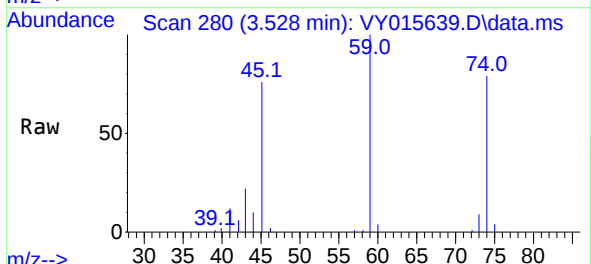
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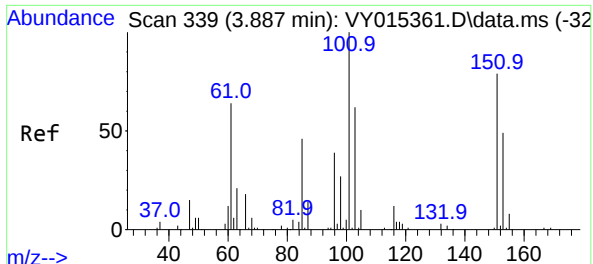
Tgt Ion:101 Resp: 50254
Ion Ratio Lower Upper
101 100
103 66.0 51.4 77.0



#8
Diethyl Ether
Concen: 19.715 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.007 min
Lab File: VY015639.D
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Tgt Ion: 74 Resp: 21842
Ion Ratio Lower Upper
74 100
45 100.1 51.5 154.5

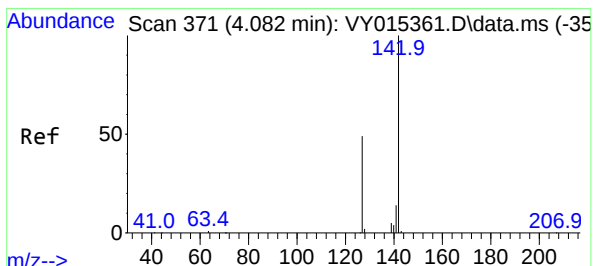
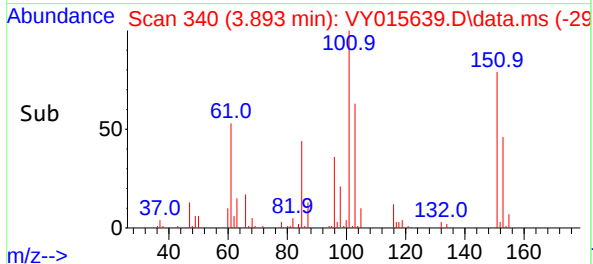
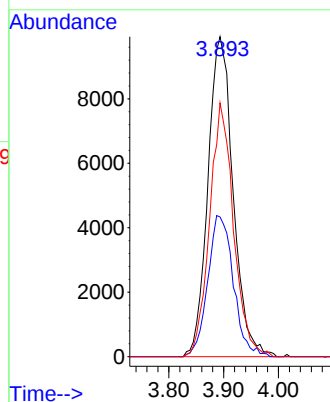
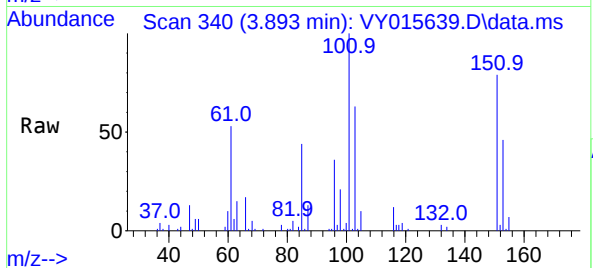




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.478 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

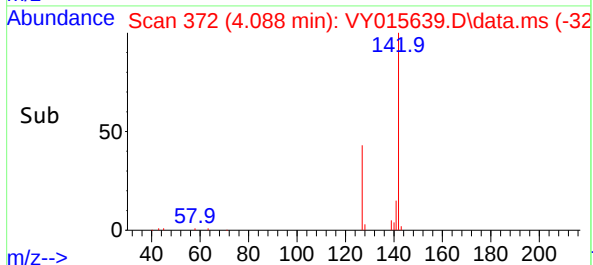
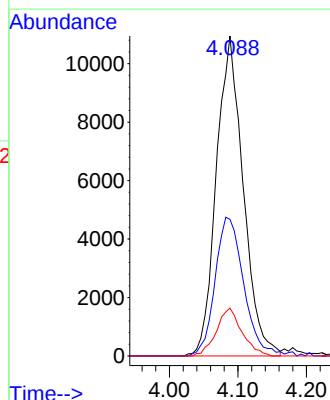
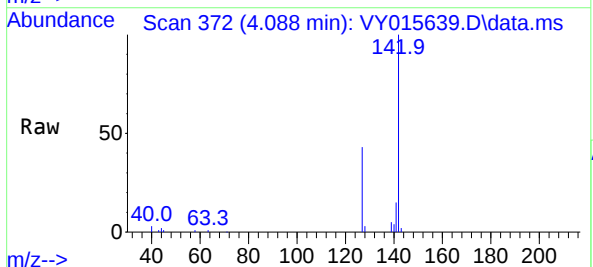
Instrument :
MSVOA_Y
ClientSampleId :

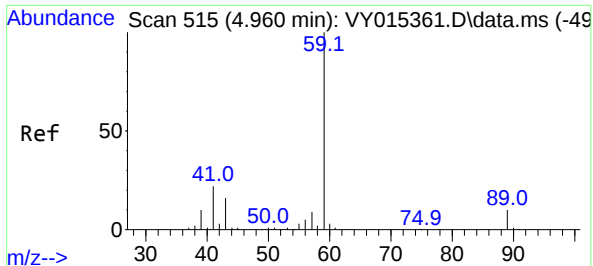
Tgt Ion:101 Resp: 31683
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 75.3 67.0 100.6



#10
Methyl Iodide
Concen: 17.475 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion:142 Resp: 29834
Ion Ratio Lower Upper
142 100
127 46.4 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 122.347 ug/l

RT: 4.972 min Scan# 517

Delta R.T. 0.018 min

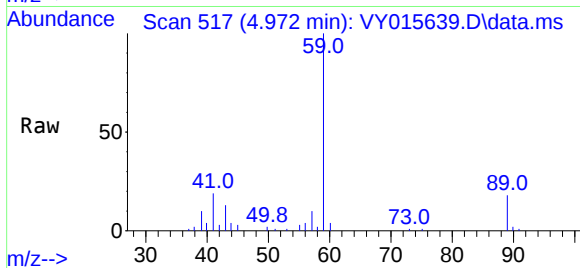
Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

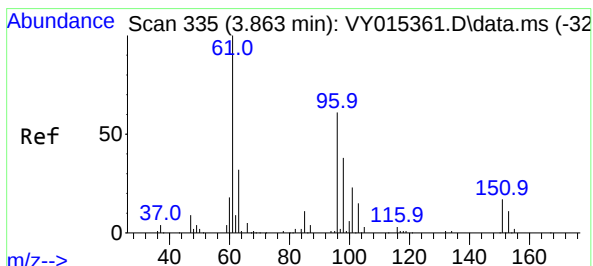
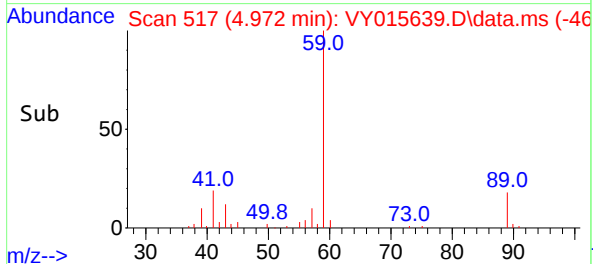
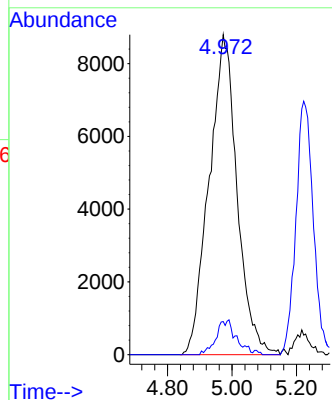


Tgt Ion: 59 Resp: 52975

Ion Ratio Lower Upper

59 100

57 3.8 3.0 4.4



#12

1,1-Dichloroethene

Concen: 19.169 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

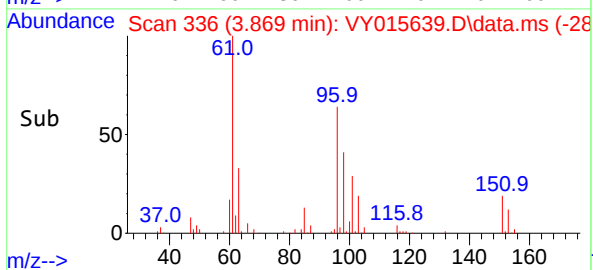
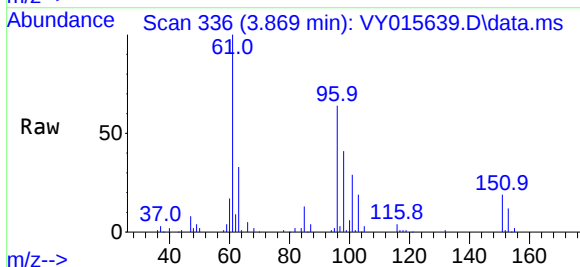
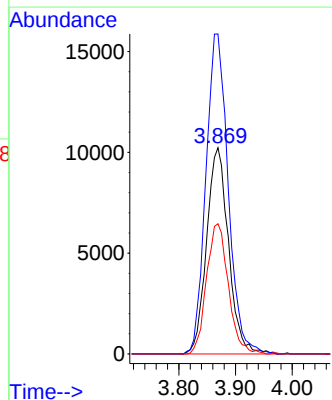
Tgt Ion: 96 Resp: 27476

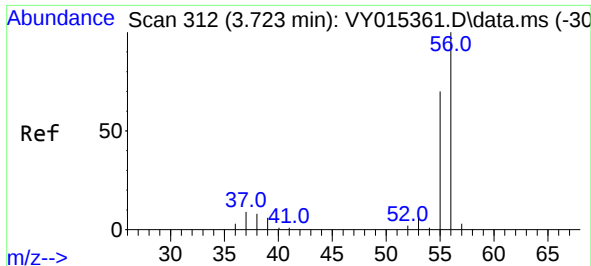
Ion Ratio Lower Upper

96 100

61 155.2 136.4 204.6

98 63.2 49.4 74.2

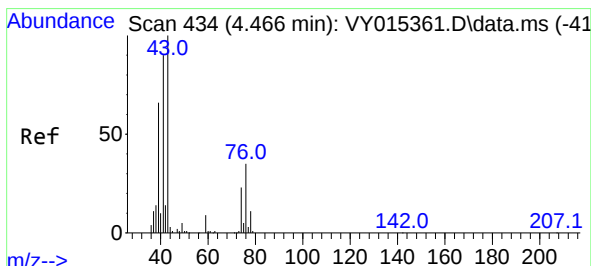
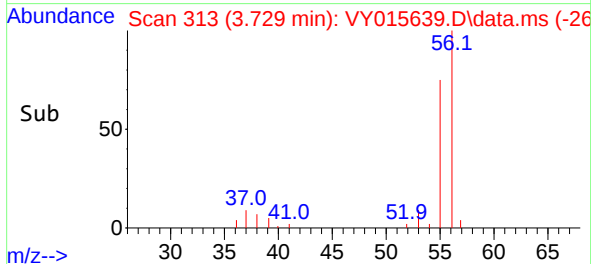
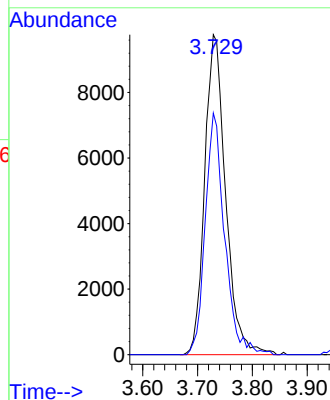
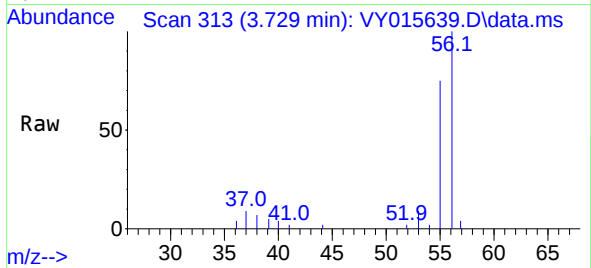




#13
Acrolein
Concen: 94.050 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

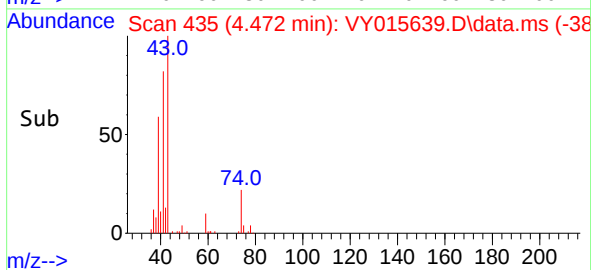
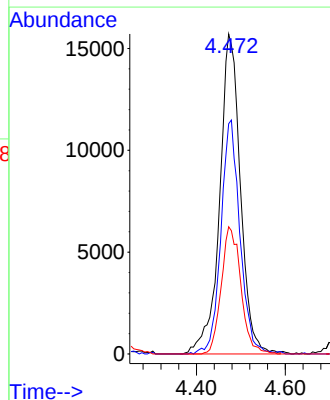
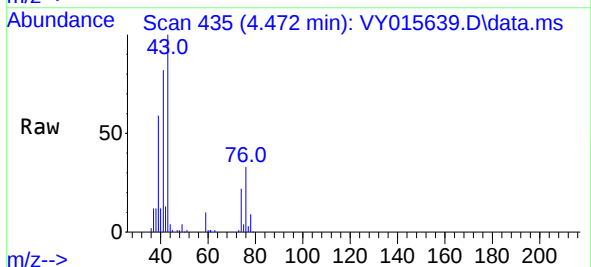
Instrument :
MSVOA_Y
ClientSampleId :

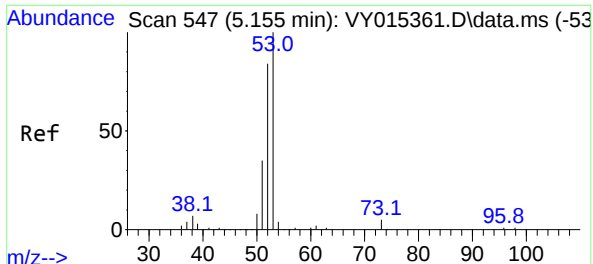
Tgt Ion: 56 Resp: 25820
Ion Ratio Lower Upper
56 100
55 70.2 57.0 85.4



#14
Allyl chloride
Concen: 19.428 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 41 Resp: 50915
Ion Ratio Lower Upper
41 100
39 66.9 58.0 87.0
76 37.5 27.4 41.2





#15

Acrylonitrile

Concen: 105.330 ug/l

RT: 5.167 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

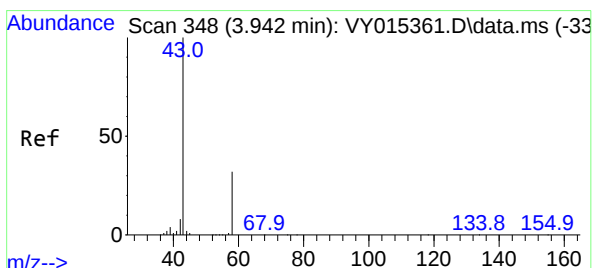
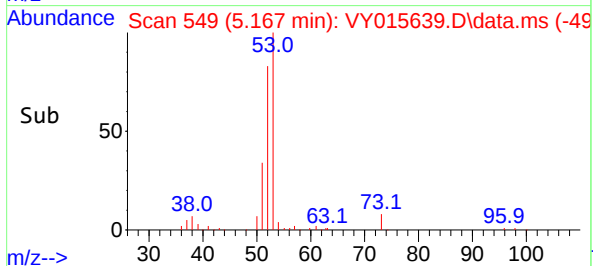
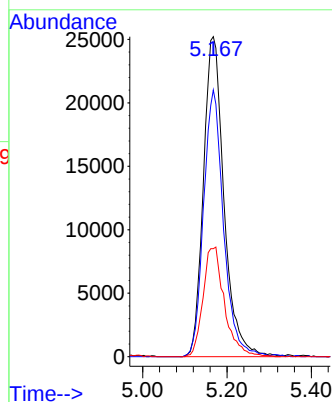
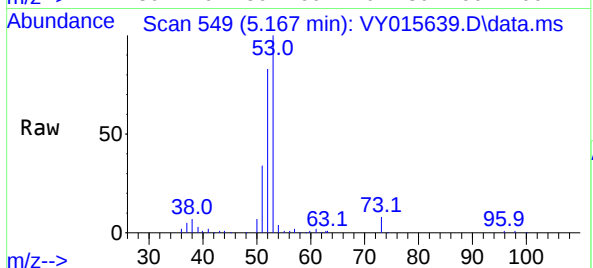
Tgt Ion: 53 Resp: 85603

Ion Ratio Lower Upper

53 100

52 80.8 66.9 100.3

51 35.8 29.8 44.6



#16

Acetone

Concen: 107.213 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY015639.D

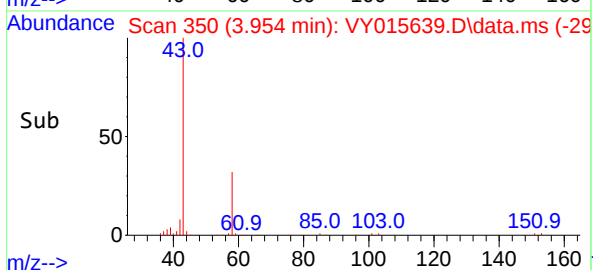
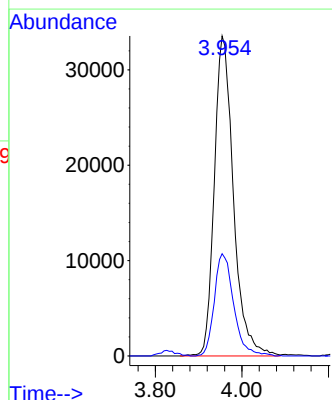
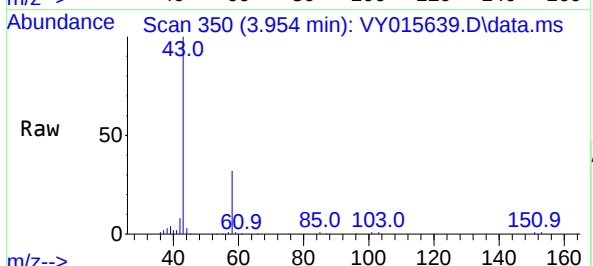
Acq: 19 Sep 2023 12:26

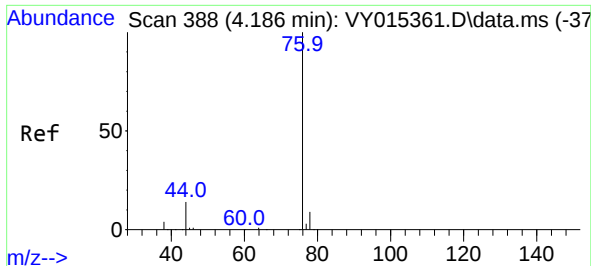
Tgt Ion: 43 Resp: 102852

Ion Ratio Lower Upper

43 100

58 31.8 22.7 34.1

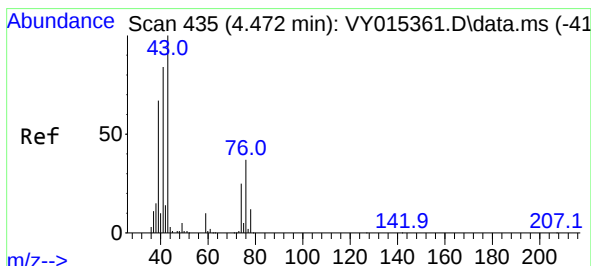
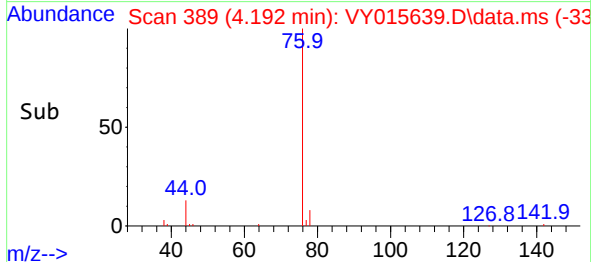
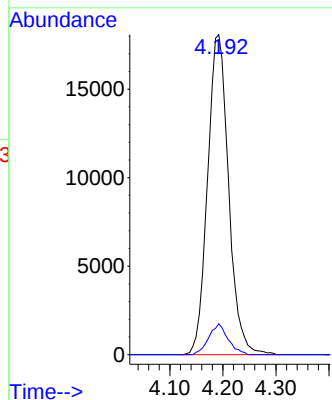
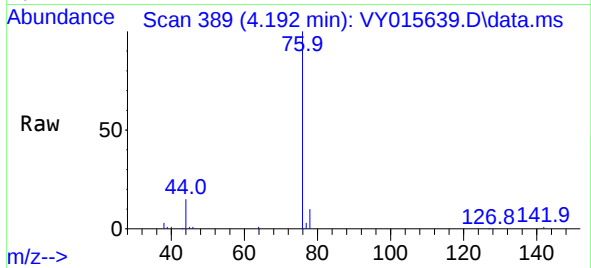




#17
Carbon Disulfide
Concen: 17.901 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

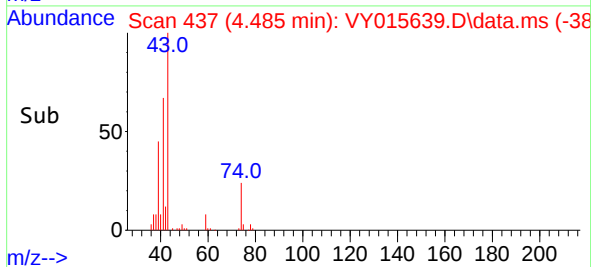
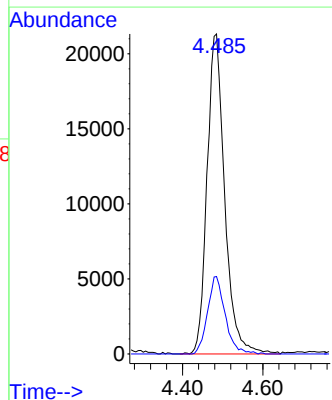
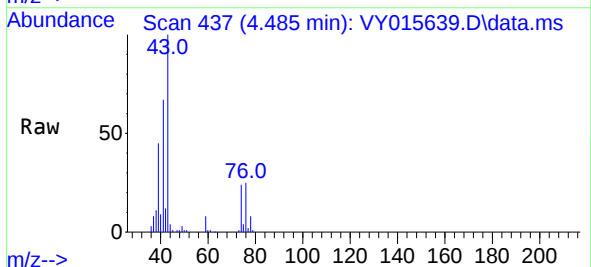
Instrument :
MSVOA_Y
ClientSampleId :

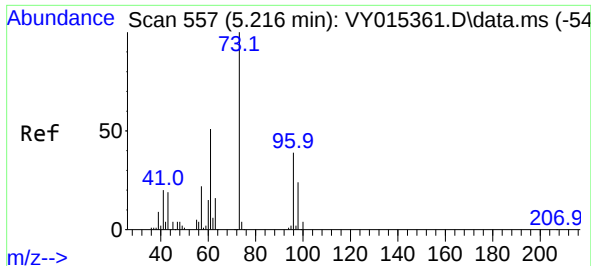
Tgt Ion: 76 Resp: 49844
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4



#18
Methyl Acetate
Concen: 20.253 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

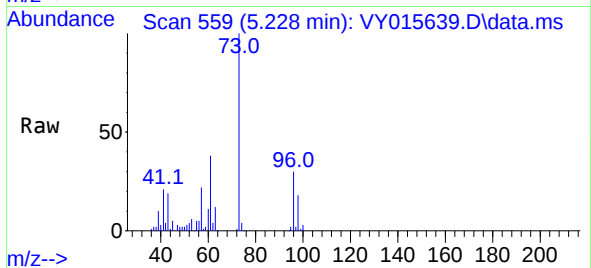
Tgt Ion: 43 Resp: 65189
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0



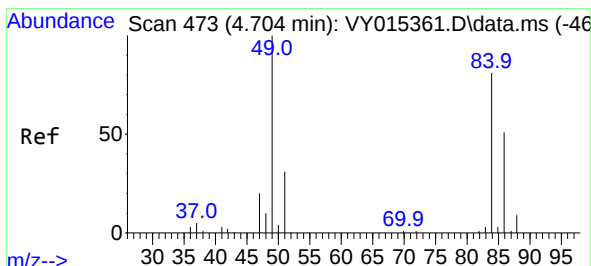
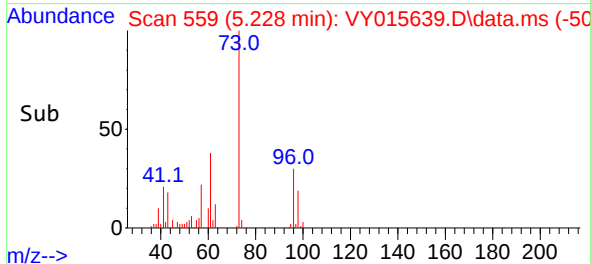
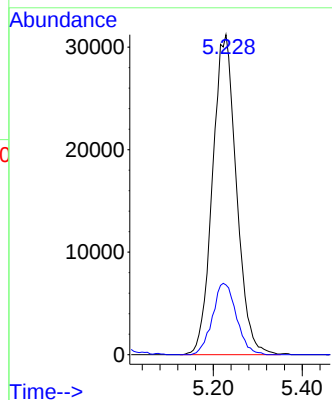


#19
Methyl tert-butyl Ether
Concen: 19.937 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :

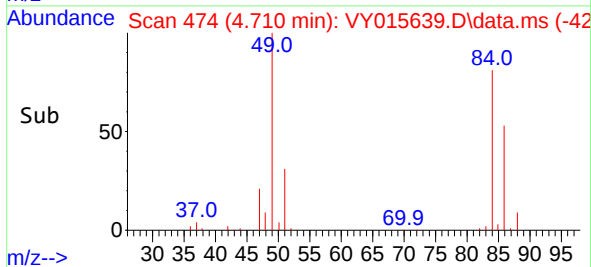
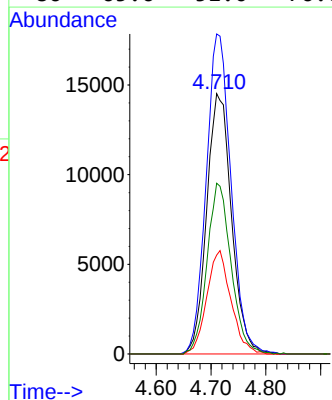
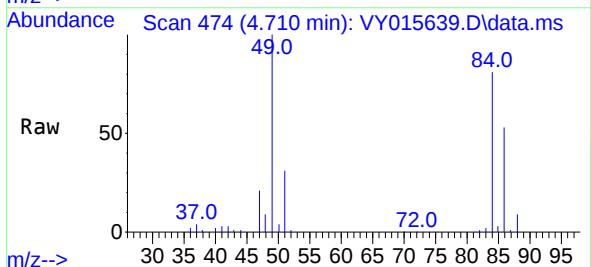


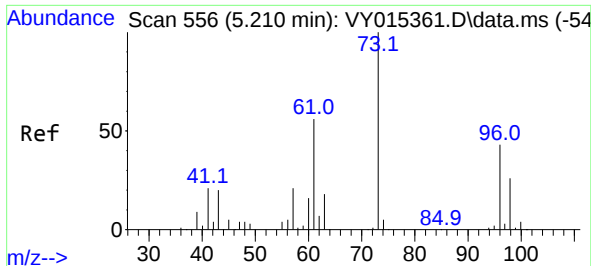
Tgt Ion: 73 Resp: 116385
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9



#20
Methylene Chloride
Concen: 18.740 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 84 Resp: 45729
Ion Ratio Lower Upper
84 100
49 122.9 106.9 160.3
51 38.0 33.2 49.8
86 65.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.906 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

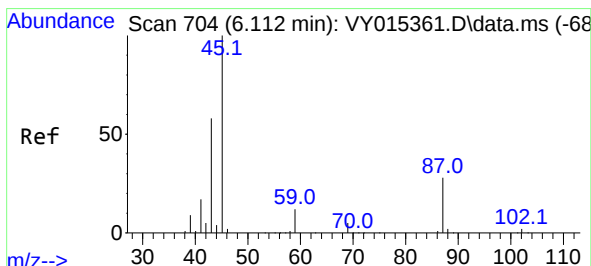
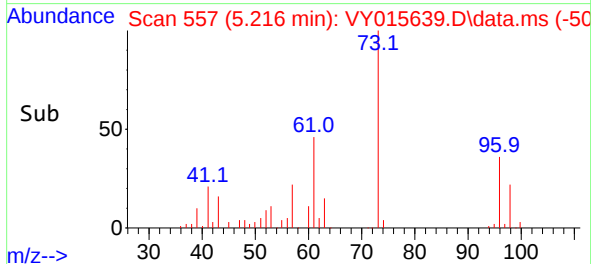
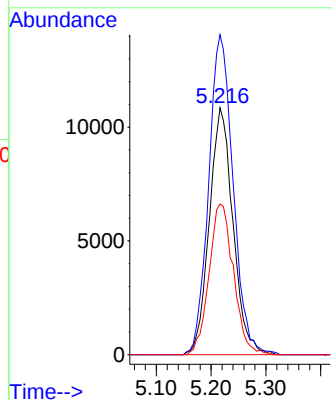
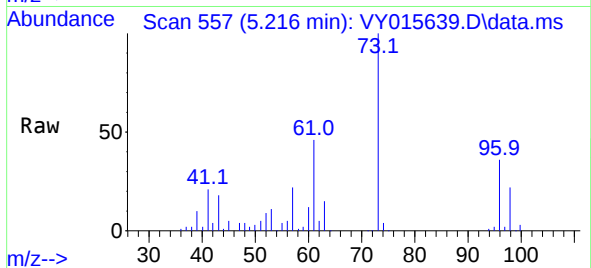
Tgt Ion: 96 Resp: 32613

Ion Ratio Lower Upper

96 100

61 129.6 110.2 165.4

98 61.1 51.8 77.6



#22

Diisopropyl ether

Concen: 20.129 ug/l

RT: 6.125 min Scan# 706

Delta R.T. 0.013 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Tgt Ion: 45 Resp: 126954

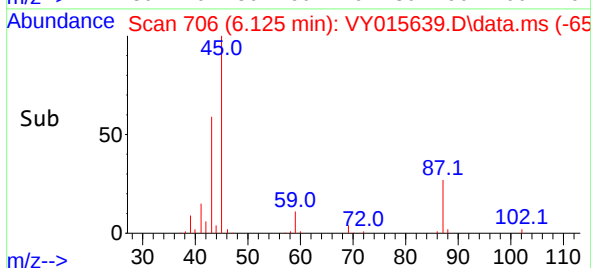
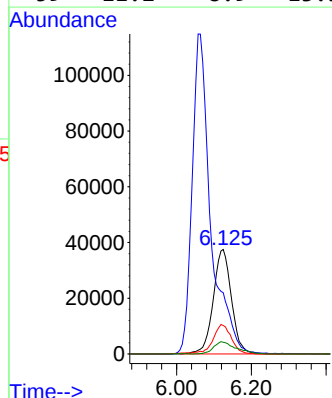
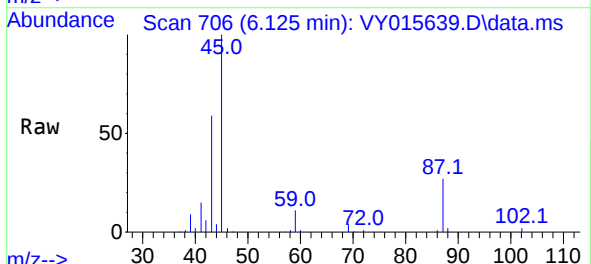
Ion Ratio Lower Upper

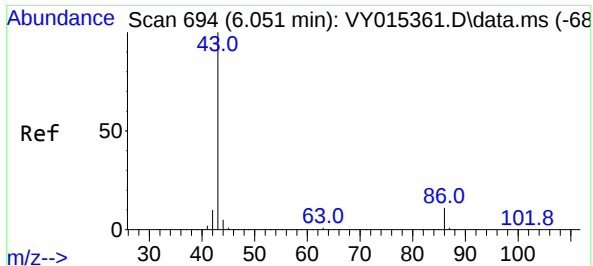
45 100

43 58.2 52.2 78.4

87 27.2 21.0 31.6

59 11.2 8.9 13.3

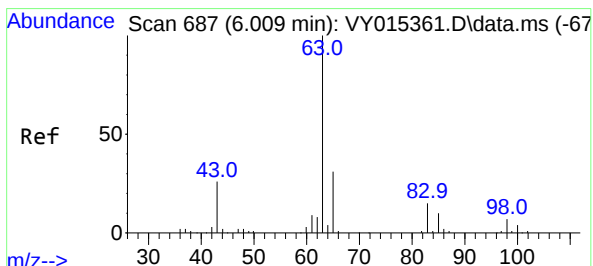
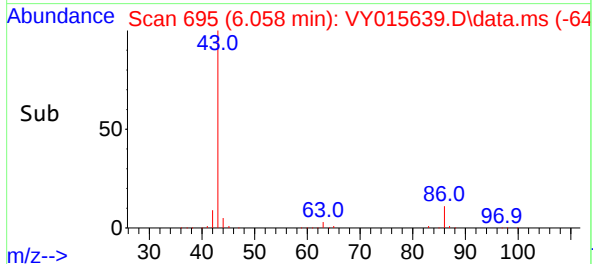
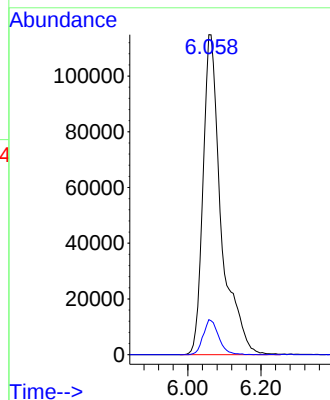
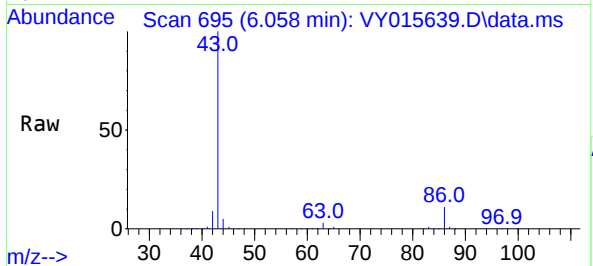




#23
 Vinyl Acetate
 Concen: 101.859 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY015639.D
 Acq: 19 Sep 2023 12:26

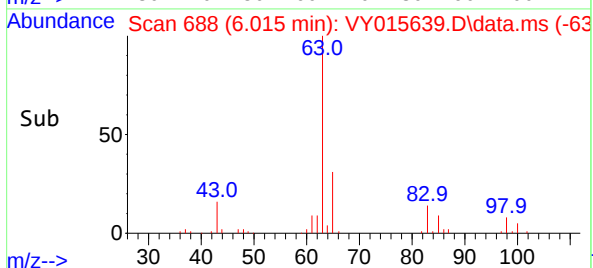
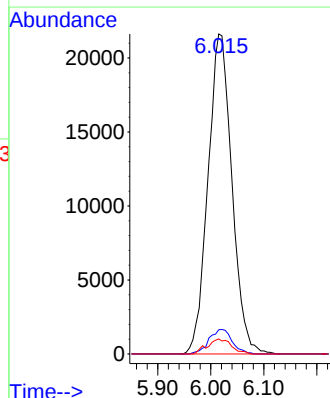
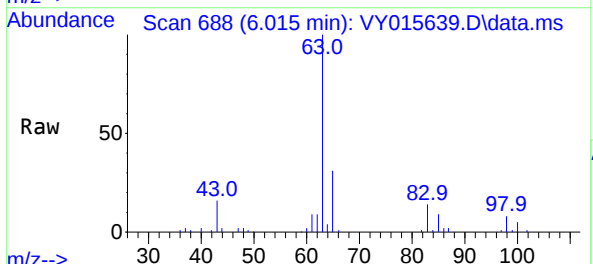
Instrument :
 MSVOA_Y
 ClientSampleId :

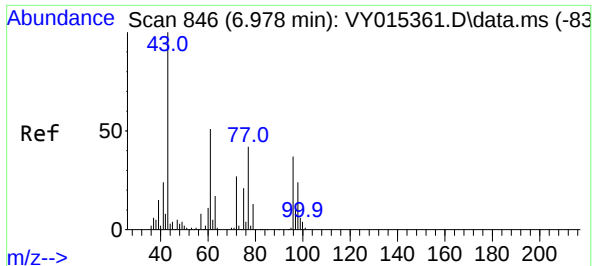
Tgt Ion: 43 Resp: 396520
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 19.713 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.012 min
 Lab File: VY015639.D
 Acq: 19 Sep 2023 12:26

Tgt Ion: 63 Resp: 67765
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.7 1.8 5.5





#25

2-Butanone

Concen: 104.215 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

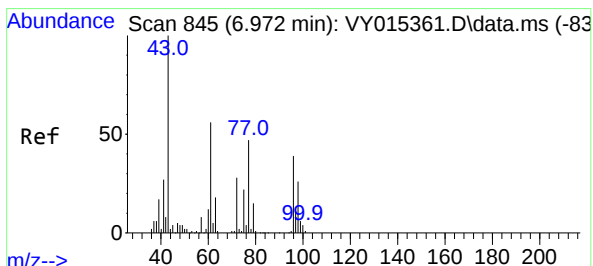
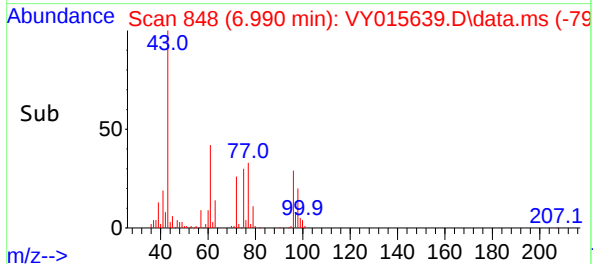
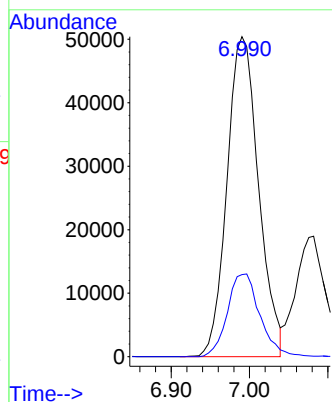
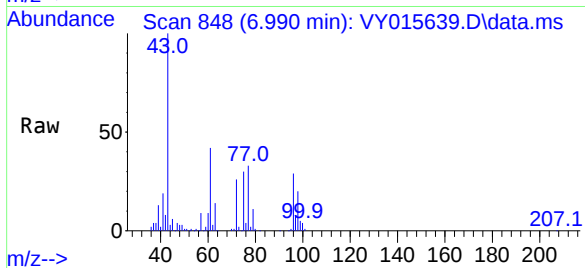
ClientSampleId :

Tgt Ion: 43 Resp: 141313

Ion Ratio Lower Upper

43 100

72 25.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 18.266 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY015639.D

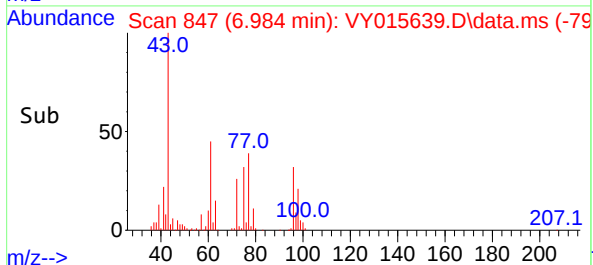
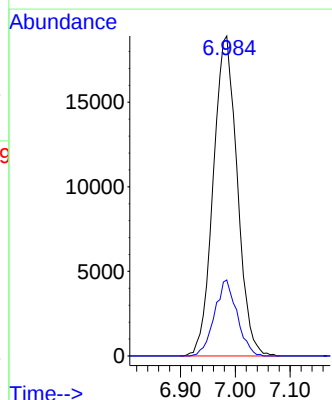
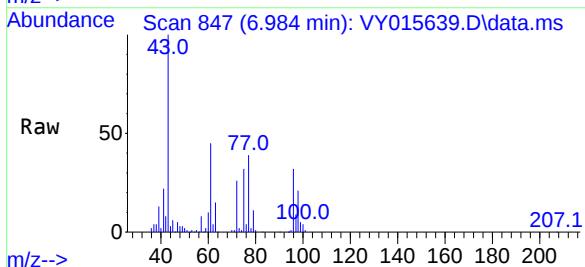
Acq: 19 Sep 2023 12:26

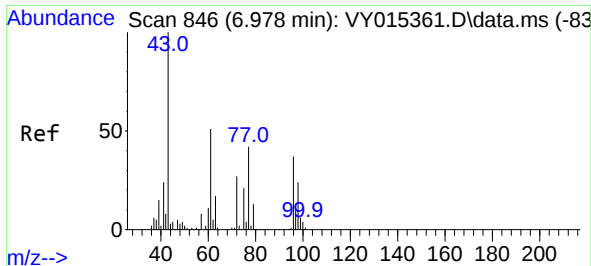
Tgt Ion: 77 Resp: 57391

Ion Ratio Lower Upper

77 100

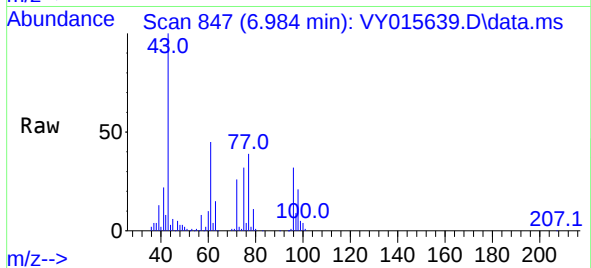
97 22.4 10.9 32.9



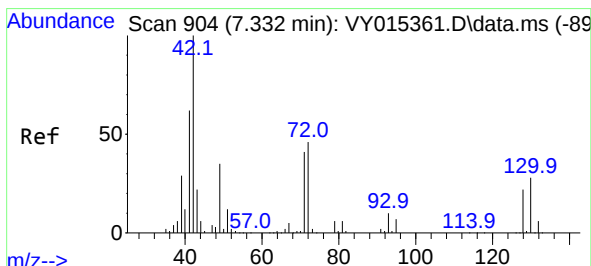
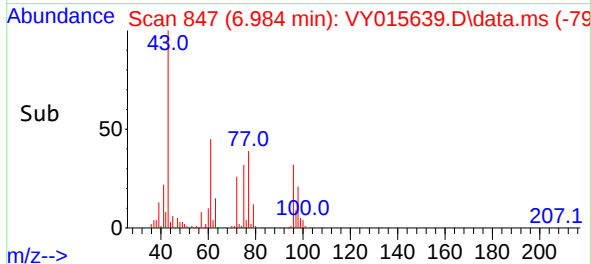
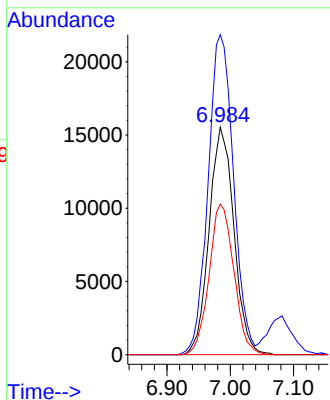


#27
 cis-1,2-Dichloroethene
 Concen: 19.460 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY015639.D
 Acq: 19 Sep 2023 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :

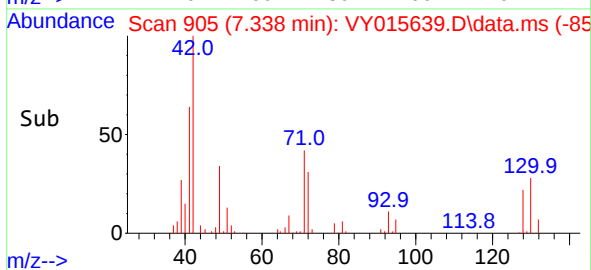
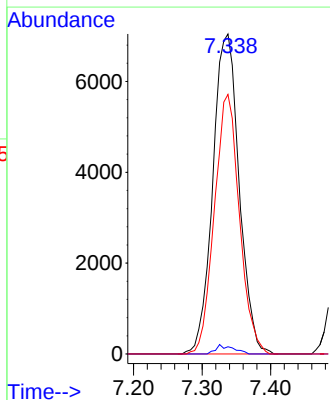
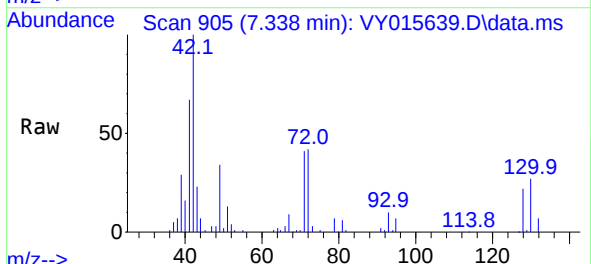


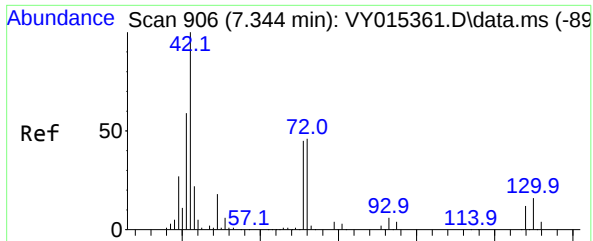
Tgt Ion: 96 Resp: 42324
 Ion Ratio Lower Upper
 96 100
 61 144.1 0.0 301.4
 98 66.1 0.0 130.4



#28
 Bromochloromethane
 Concen: 20.168 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.012 min
 Lab File: VY015639.D
 Acq: 19 Sep 2023 12:26

Tgt Ion: 49 Resp: 18810
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 77.0 60.7 91.1

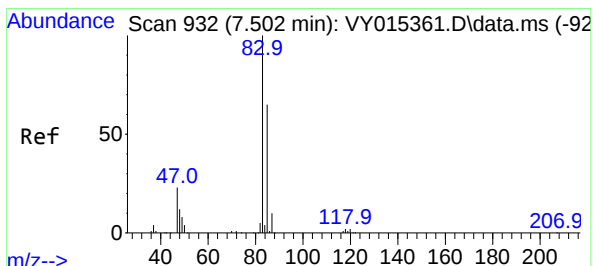
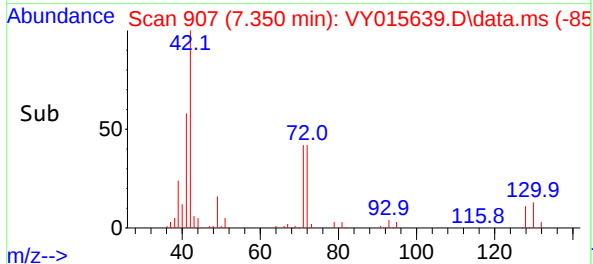
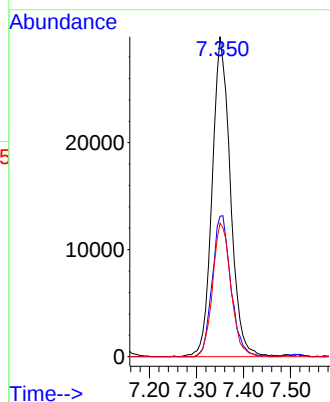
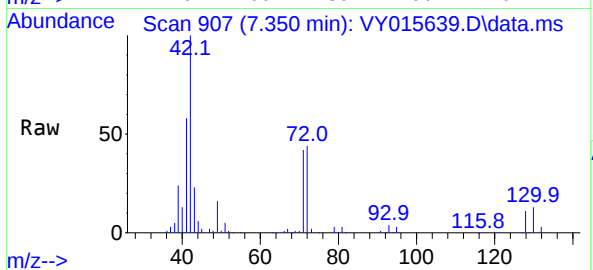




#29
Tetrahydrofuran
Concen: 104.966 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

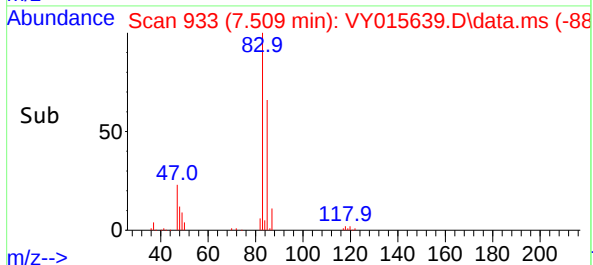
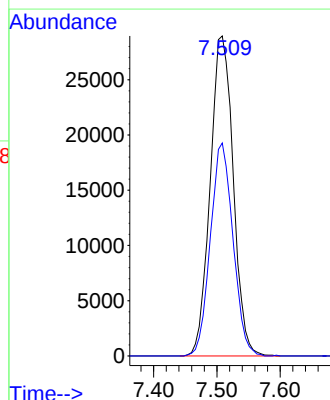
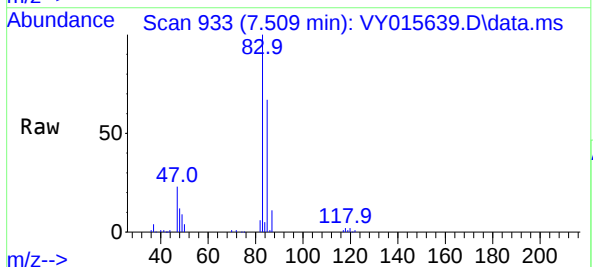
Instrument :
MSVOA_Y
ClientSampleId :

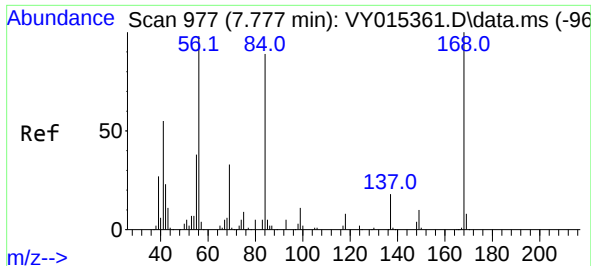
Tgt Ion: 42 Resp: 80447
Ion Ratio Lower Upper
42 100
72 45.0 32.8 49.2
71 41.8 31.0 46.4



#30
Chloroform
Concen: 19.893 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.012 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

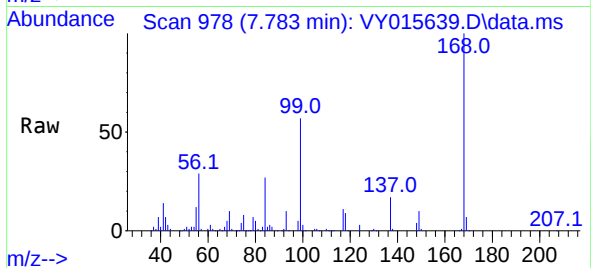
Tgt Ion: 83 Resp: 73234
Ion Ratio Lower Upper
83 100
85 66.6 49.7 74.5



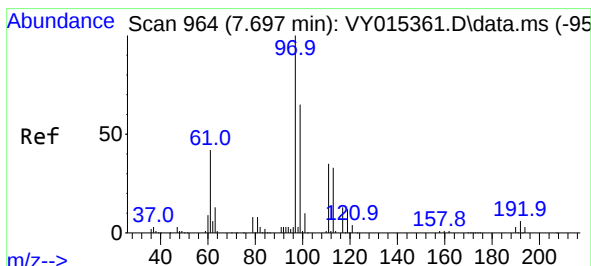
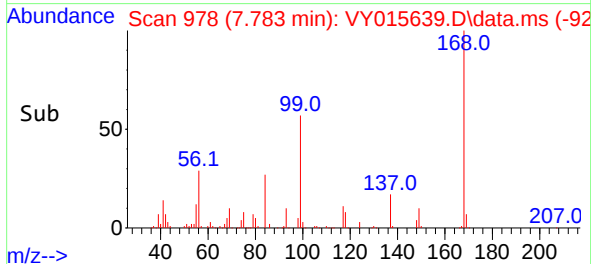
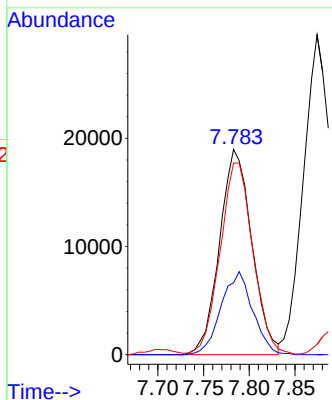


#31
Cyclohexane
Concen: 18.822 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :

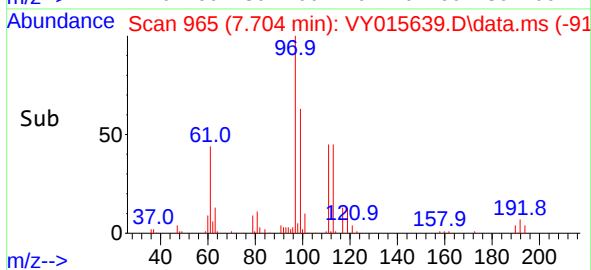
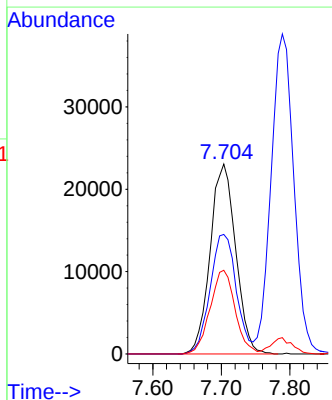
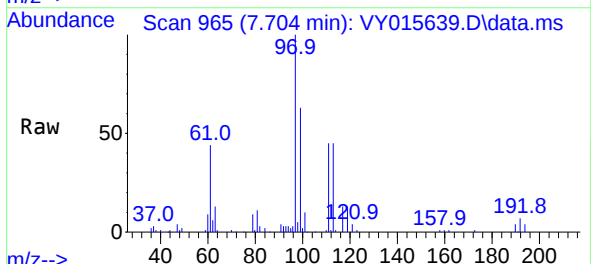


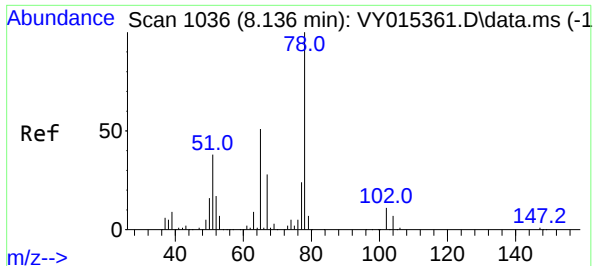
Tgt Ion: 56 Resp: 46741
Ion Ratio Lower Upper
56 100
69 35.0 27.8 41.6
84 92.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.607 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.012 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 97 Resp: 59588
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 43.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 22.756 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

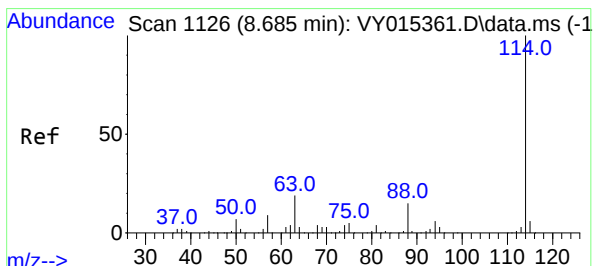
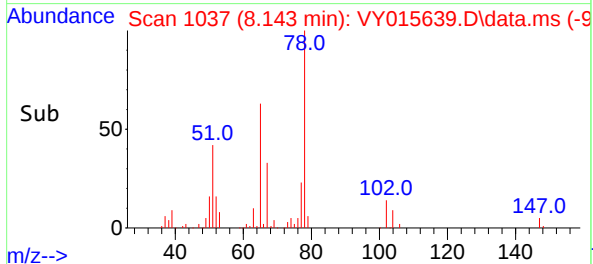
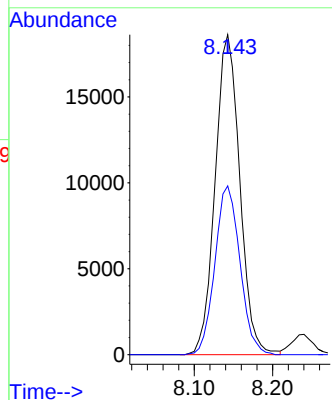
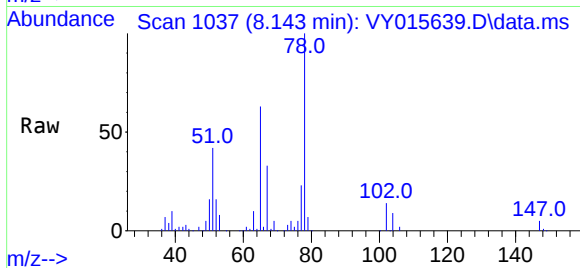
ClientSampleId :

Tgt Ion: 65 Resp: 40793

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

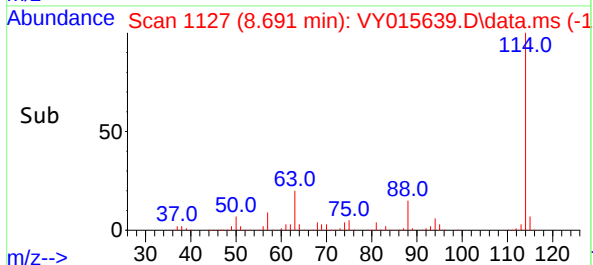
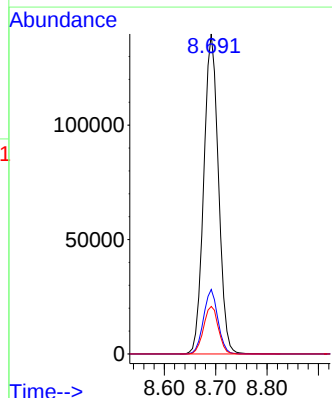
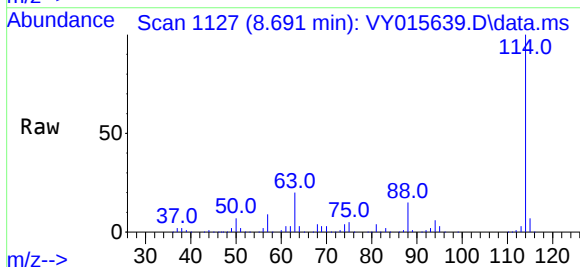
Tgt Ion:114 Resp: 276233

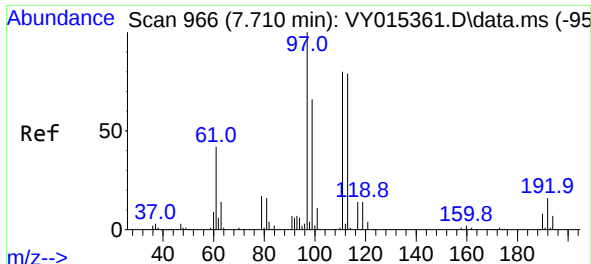
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 14.8 0.0 30.6

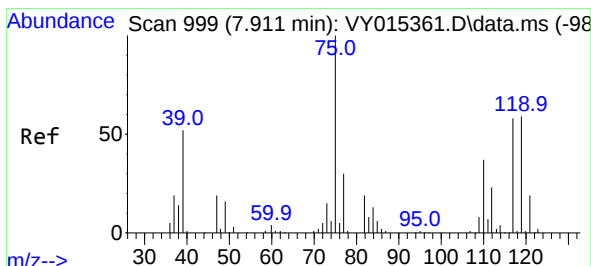
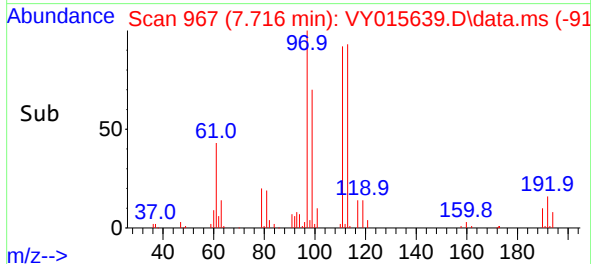
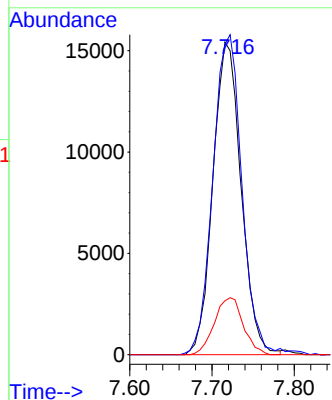
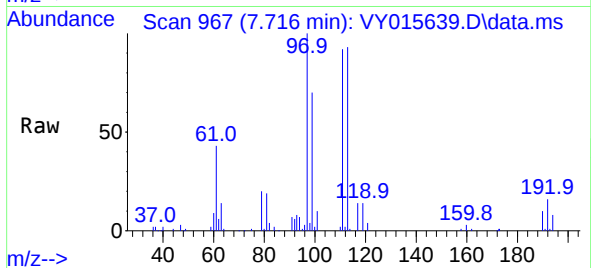




#35
Dibromofluoromethane
Concen: 22.223 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

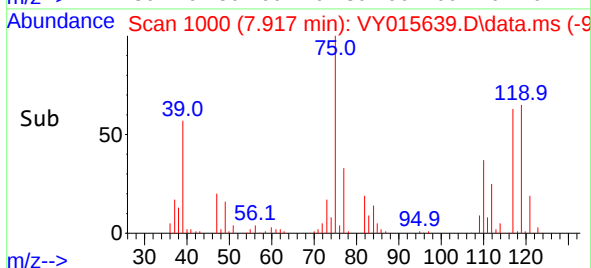
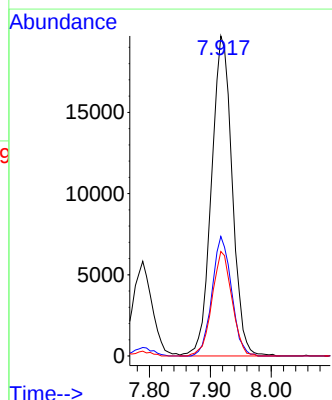
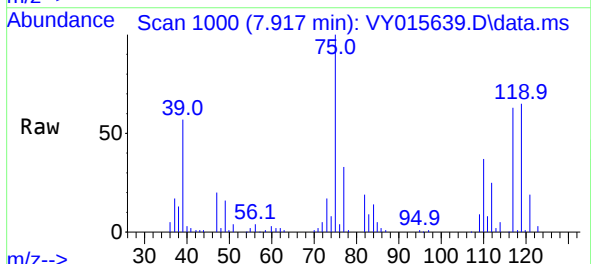
Instrument :
MSVOA_Y
ClientSampleId :

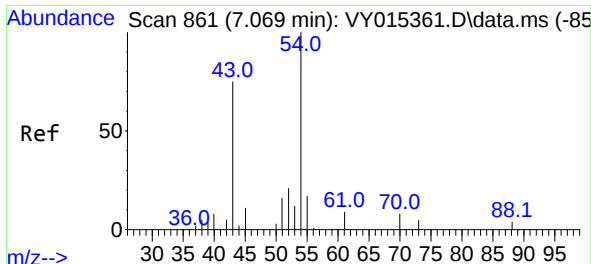
Tgt Ion:113 Resp: 36742
Ion Ratio Lower Upper
113 100
111 105.7 81.3 121.9
192 18.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.042 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 75 Resp: 46550
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.5
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 21.448 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.018 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

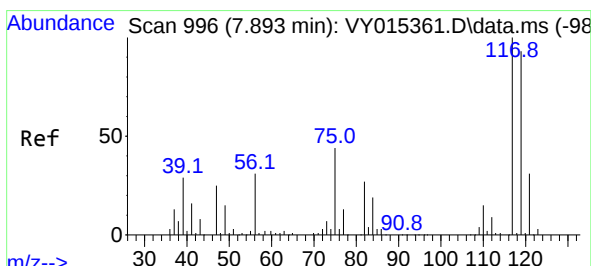
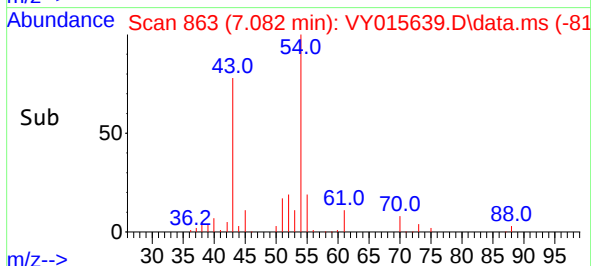
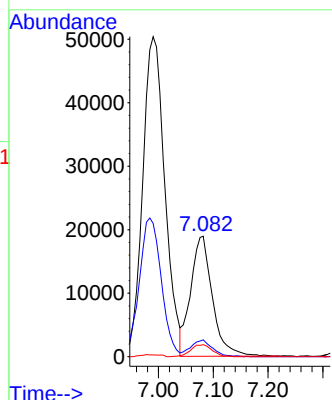
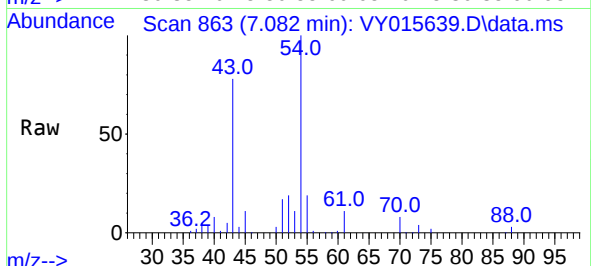
Tgt Ion: 43 Resp: 52298

Ion Ratio Lower Upper

43 100

61 14.0 10.1 15.1

70 9.8 7.1 10.7



#38

Carbon Tetrachloride

Concen: 19.400 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.006 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

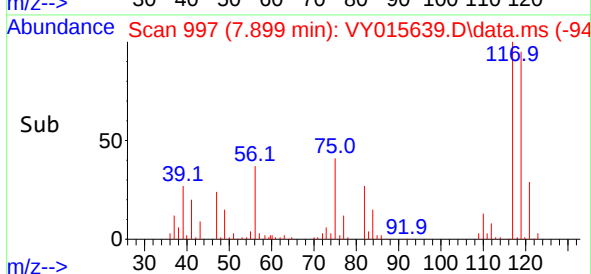
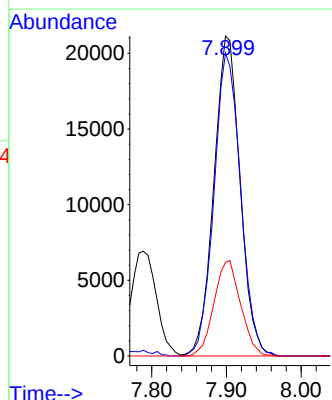
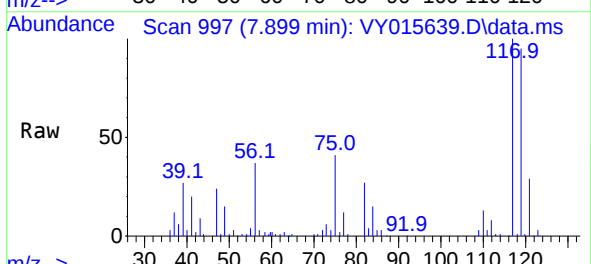
Tgt Ion:117 Resp: 51479

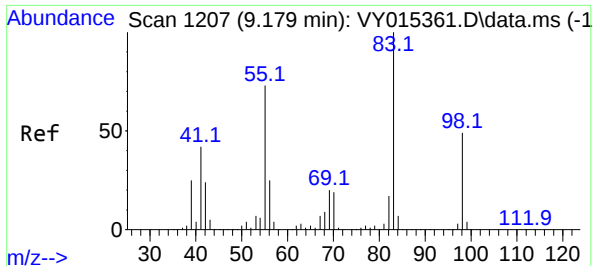
Ion Ratio Lower Upper

117 100

119 94.6 76.4 114.6

121 29.3 25.8 38.6





#39

Methylcyclohexane

Concen: 18.993 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

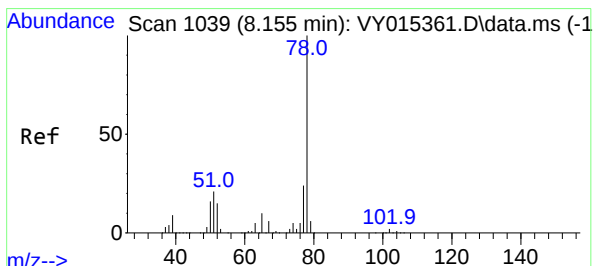
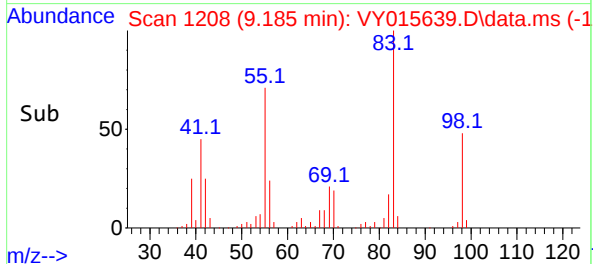
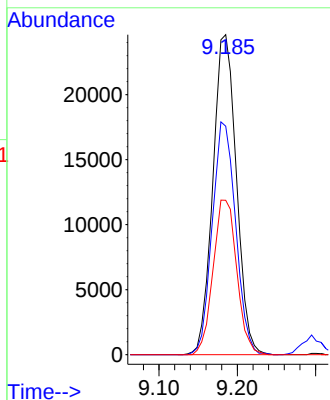
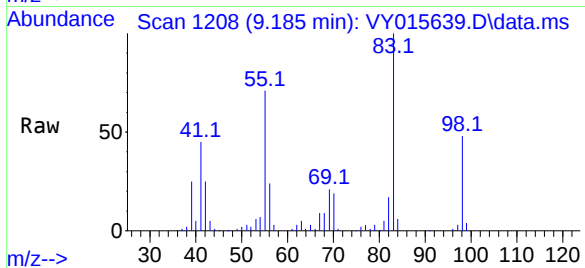
Tgt Ion: 83 Resp: 51355

Ion Ratio Lower Upper

83 100

55 71.4 63.0 94.4

98 48.3 37.4 56.2



#40

Benzene

Concen: 19.666 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015639.D

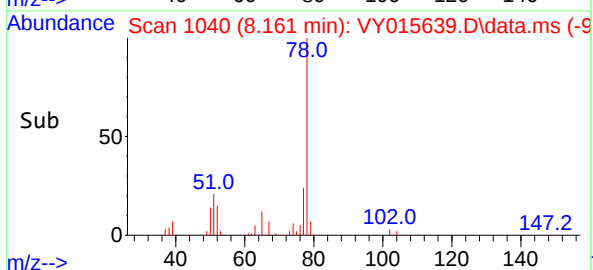
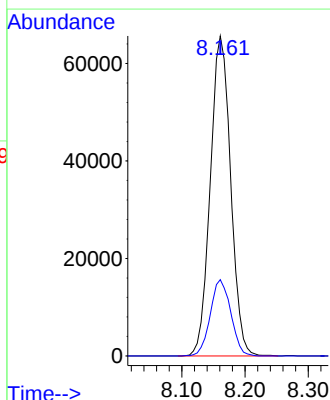
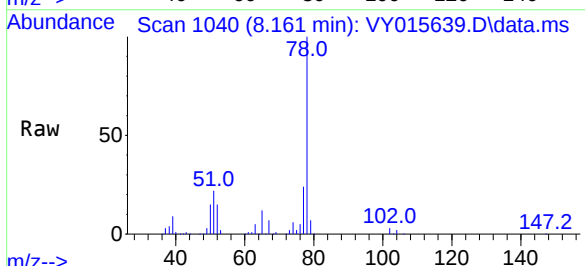
Acq: 19 Sep 2023 12:26

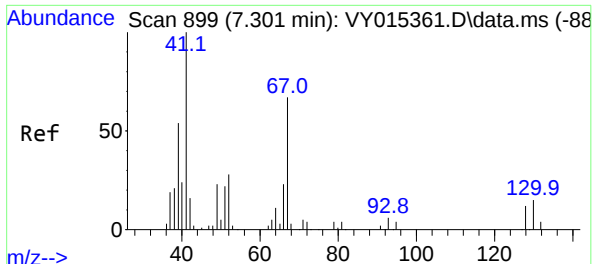
Tgt Ion: 78 Resp: 146610

Ion Ratio Lower Upper

78 100

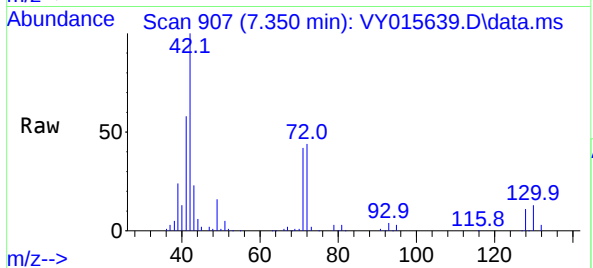
77 23.9 19.0 28.6



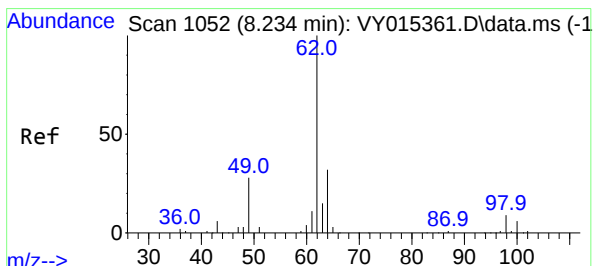
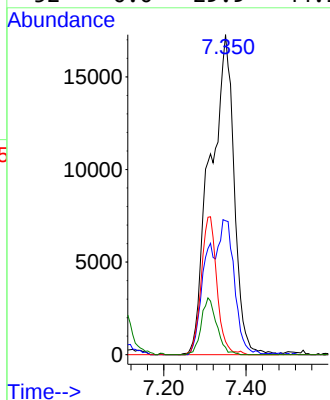
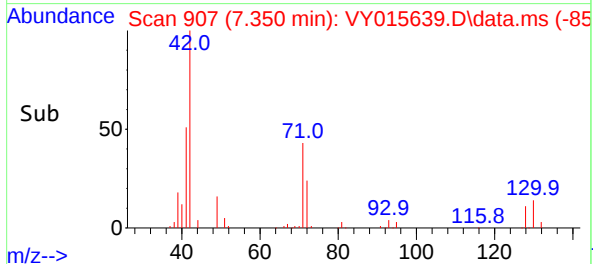


#41
Methacrylonitrile
Concen: 54.892 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

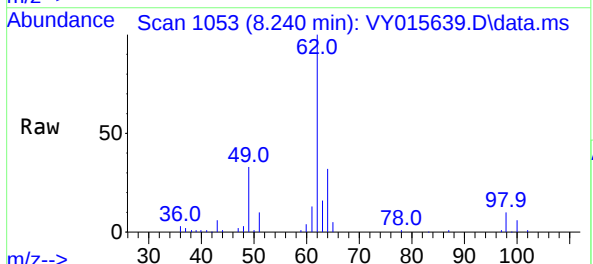
Instrument :
MSVOA_Y
ClientSampleId :



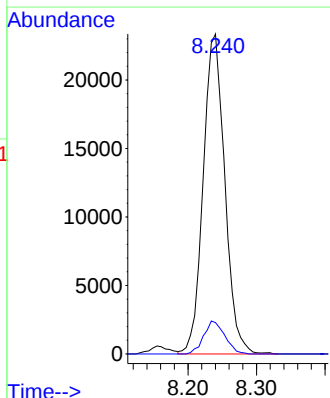
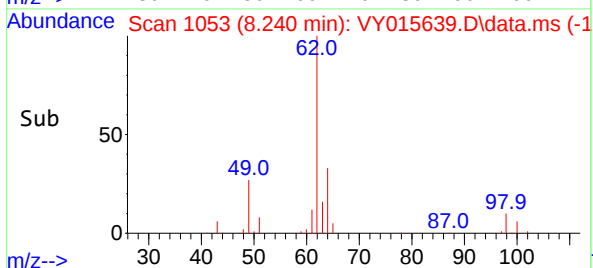
Tgt Ion: 41 Resp: 70178
Ion Ratio Lower Upper
41 100
39 27.7 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#

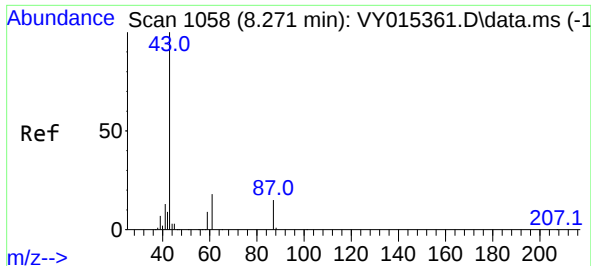


#42
1,2-Dichloroethane
Concen: 20.081 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26



Tgt Ion: 62 Resp: 51271
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8

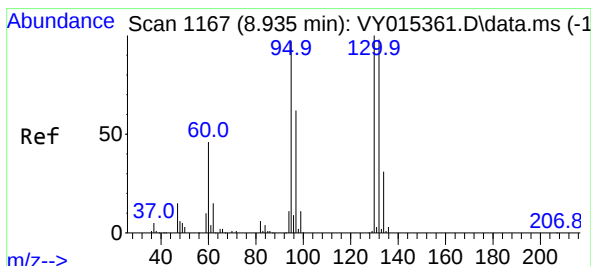
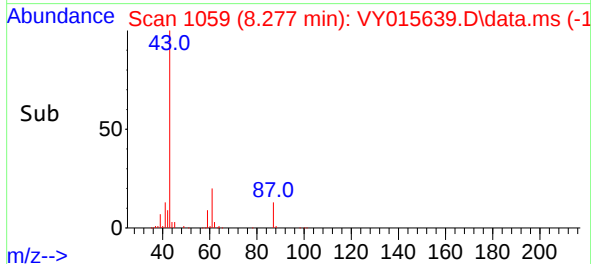
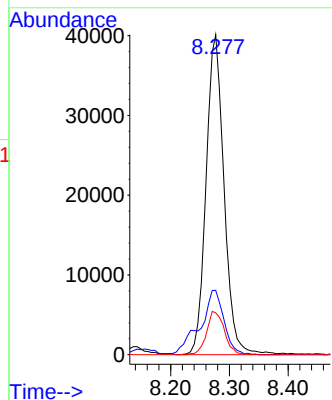
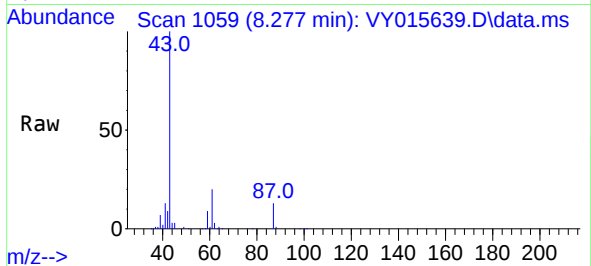




#43
Isopropyl Acetate
Concen: 20.459 ug/l
RT: 8.277 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

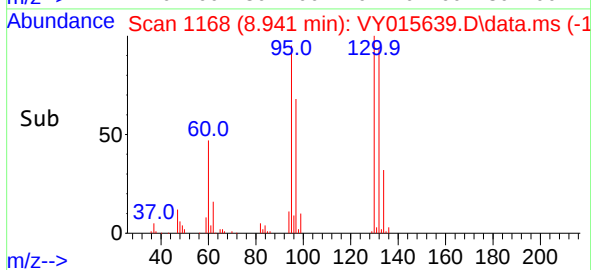
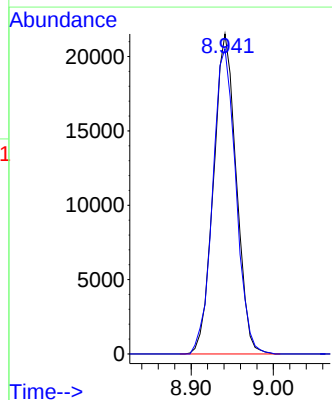
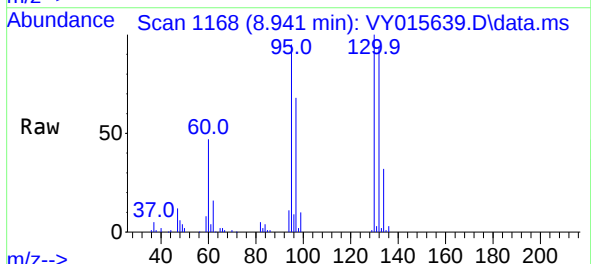
Instrument :
MSVOA_Y
ClientSampleId :

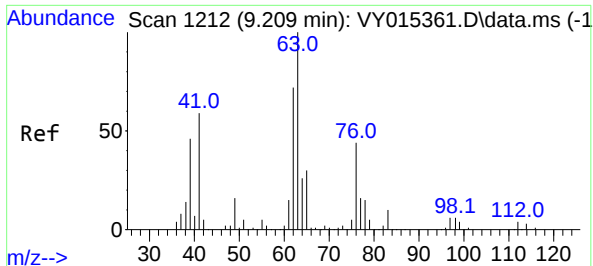
Tgt Ion: 43 Resp: 85215
Ion Ratio Lower Upper
43 100
61 26.9 21.1 31.7
87 13.4 9.8 14.8



#44
Trichloroethene
Concen: 19.877 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion:130 Resp: 41388
Ion Ratio Lower Upper
130 100
95 95.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.820 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

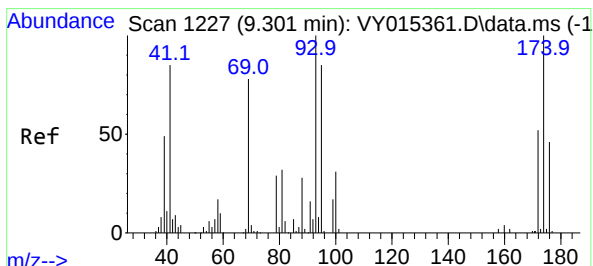
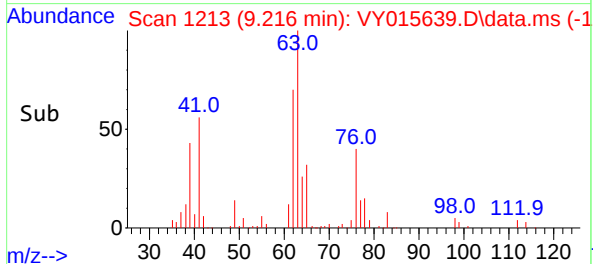
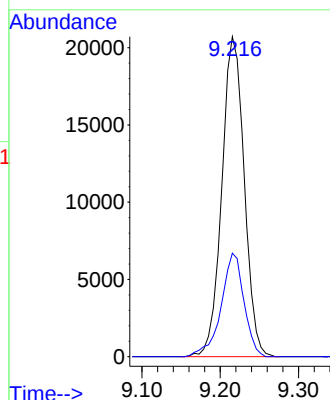
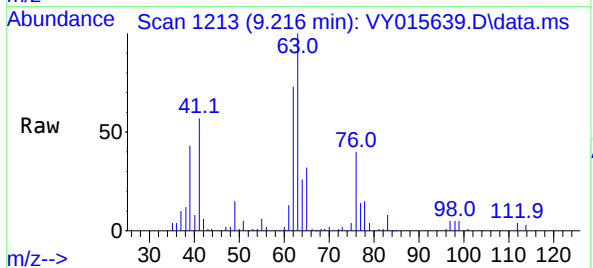
ClientSampleId :

Tgt Ion: 63 Resp: 41206

Ion Ratio Lower Upper

63 100

65 32.4 23.8 35.6



#46

Dibromomethane

Concen: 19.594 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

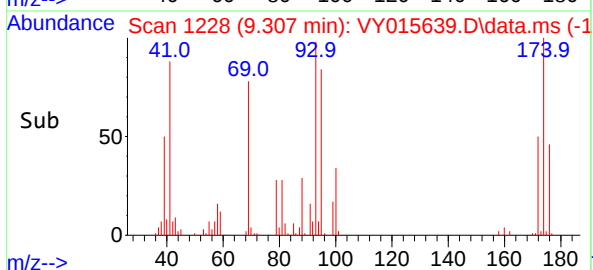
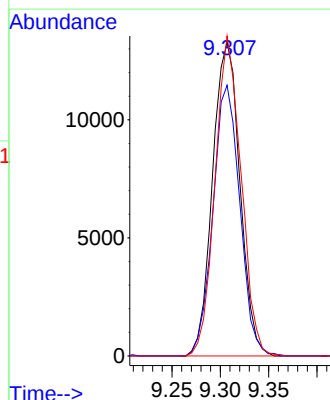
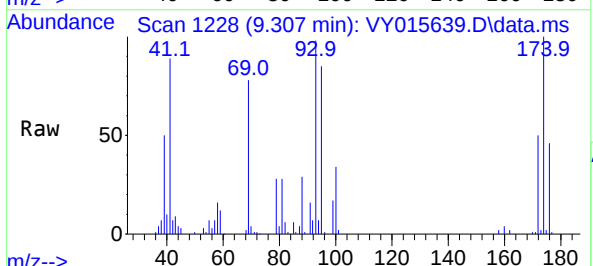
Tgt Ion: 93 Resp: 26057

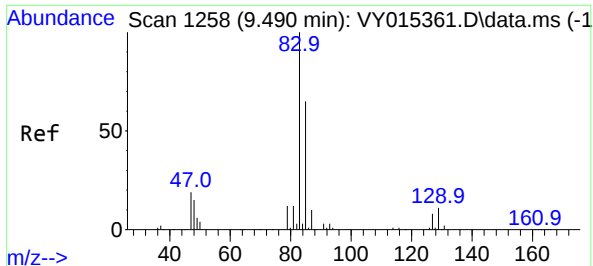
Ion Ratio Lower Upper

93 100

95 84.8 66.6 100.0

174 97.2 84.8 127.2





#47

Bromodichloromethane

Concen: 19.827 ug/l

RT: 9.496 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VY015639.D

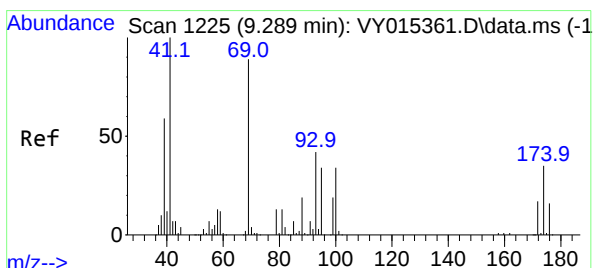
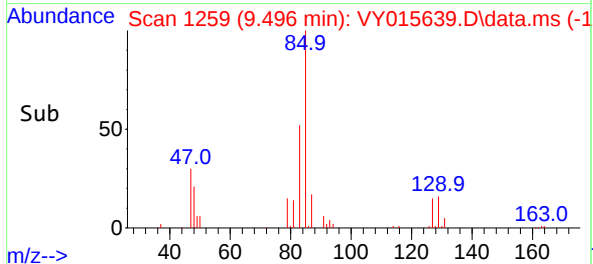
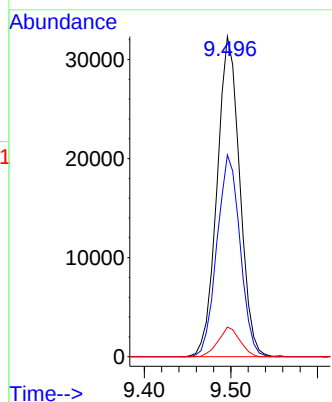
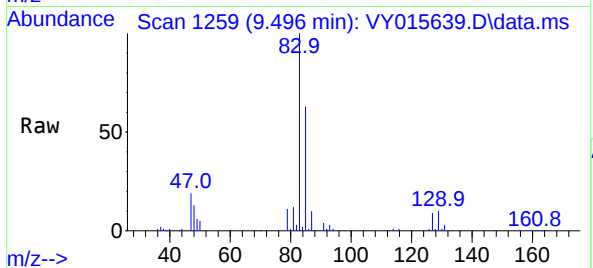
Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	58771
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.1	75.1
127	9.2	7.1	10.7



#48

Methyl methacrylate

Concen: 20.352 ug/l

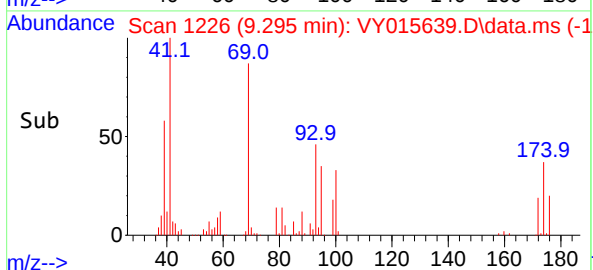
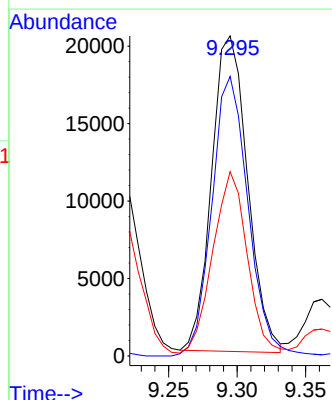
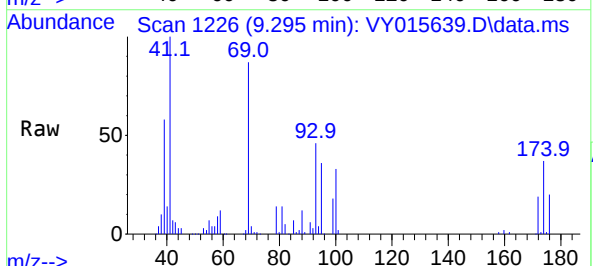
RT: 9.295 min Scan# 1226

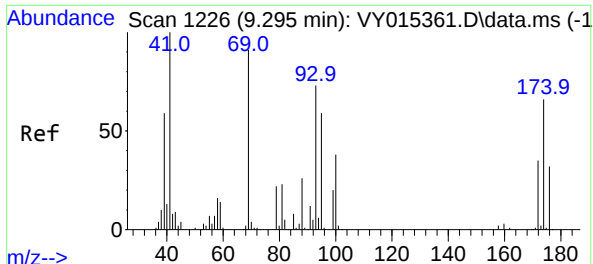
Delta R.T. 0.006 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Tgt Ion:	41	Resp:	37209
Ion	Ratio	Lower	Upper
41	100		
69	89.5	64.5	96.7
39	57.2	50.8	76.2

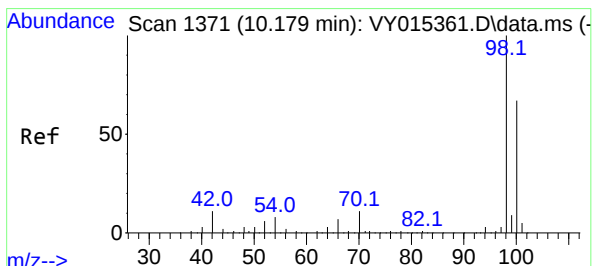
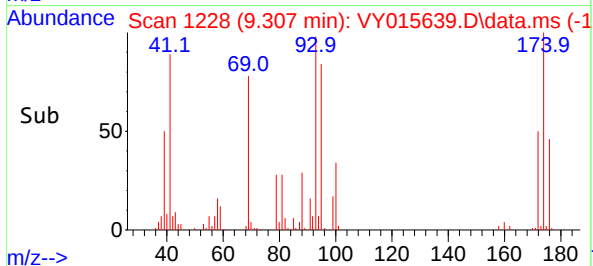
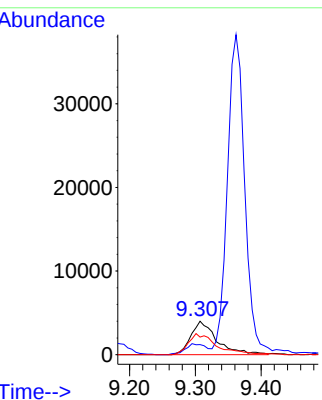
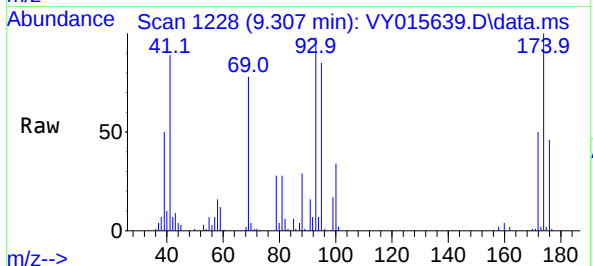




#49
1,4-Dioxane
Concen: 421.660 ug/l
RT: 9.307 min Scan# 110778
Delta R.T. 0.018 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

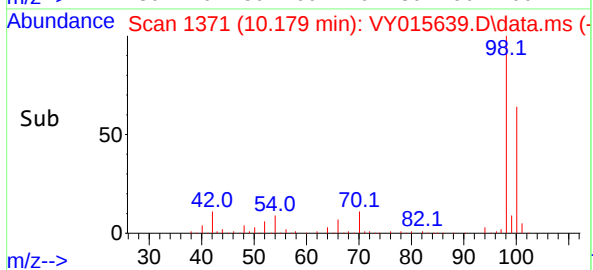
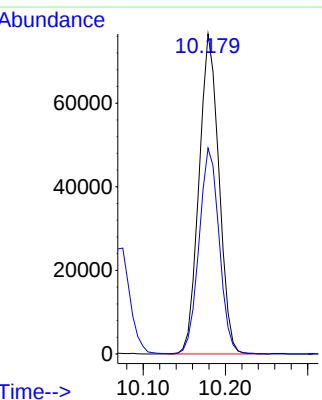
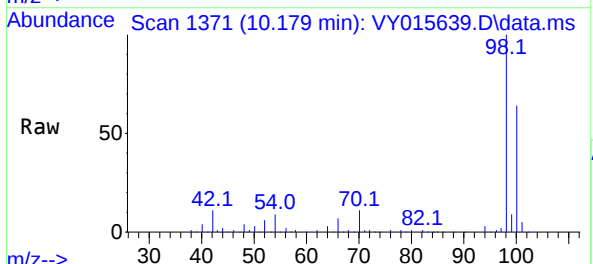
Instrument :
MSVOA_Y
ClientSampleId :

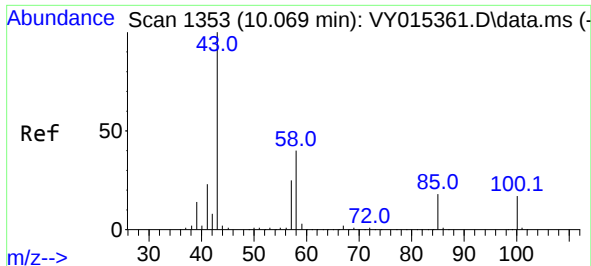
Tgt Ion: 88 Resp: 11078
Ion Ratio Lower Upper
88 100
43 27.1 0.0 0.0#
58 67.2 30.9 46.3#



#50
Toluene-d8
Concen: 22.970 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 98 Resp: 128766
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

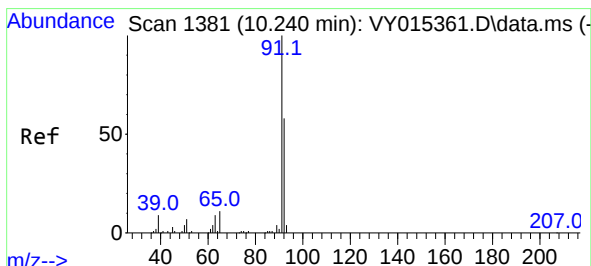
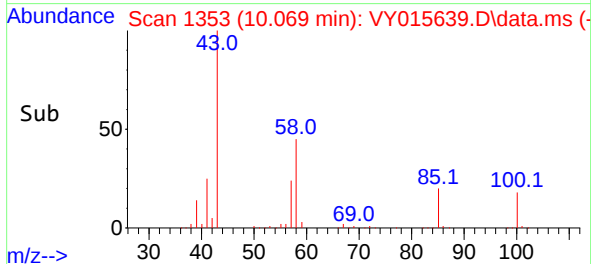
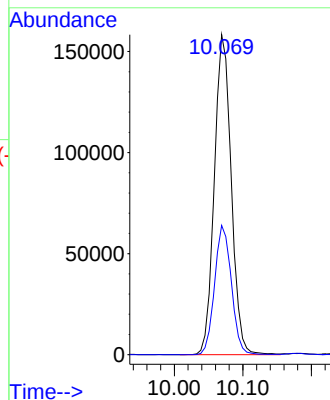
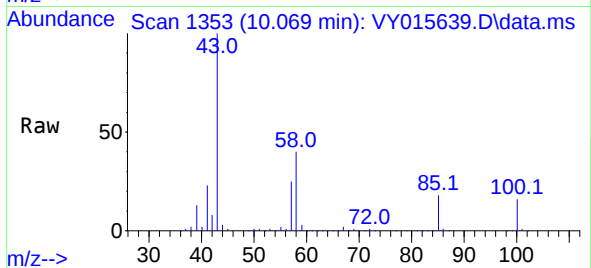




#51
4-Methyl-2-Pentanone
Concen: 104.980 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

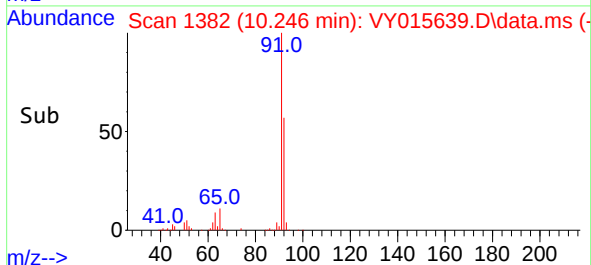
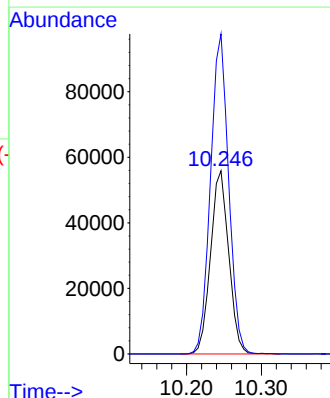
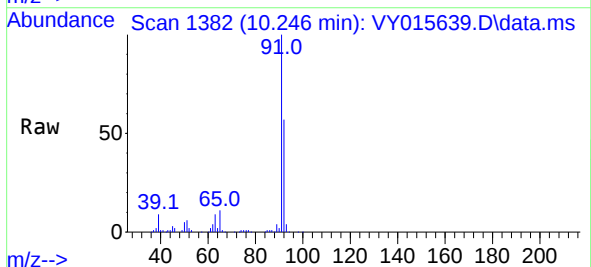
Instrument :
MSVOA_Y
ClientSampleId :

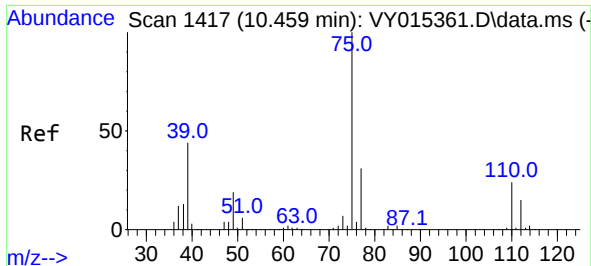
Tgt Ion: 43 Resp: 271024
Ion Ratio Lower Upper
43 100
58 40.1 29.0 43.6



#52
Toluene
Concen: 19.625 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 92 Resp: 94319
Ion Ratio Lower Upper
92 100
91 174.1 143.8 215.6

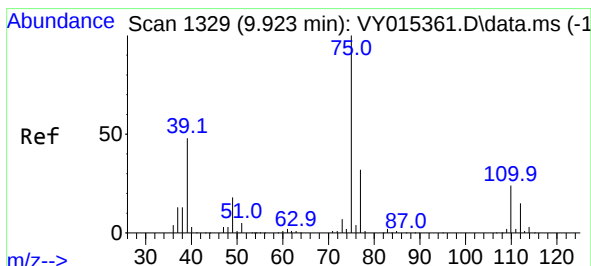
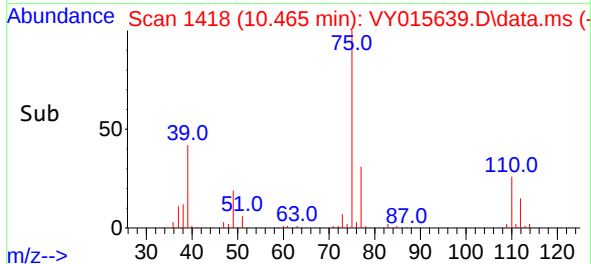
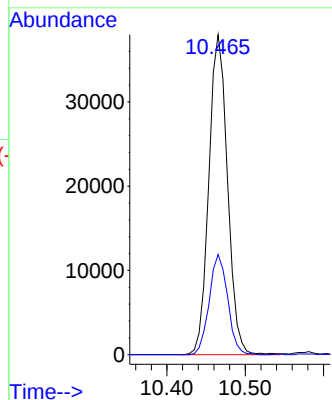
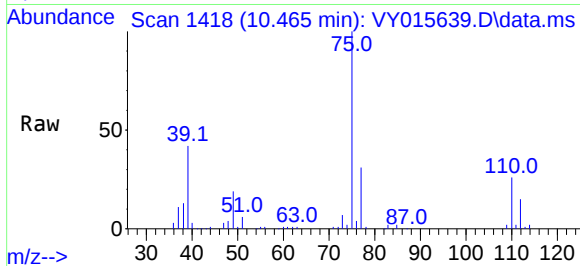




#53
t-1,3-Dichloropropene
Concen: 19.769 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

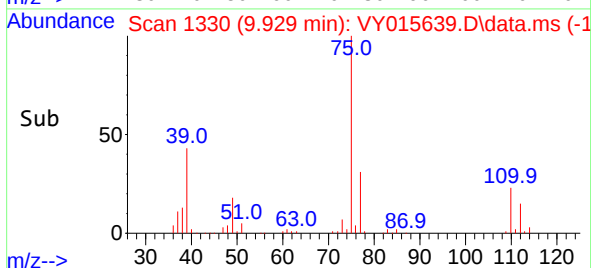
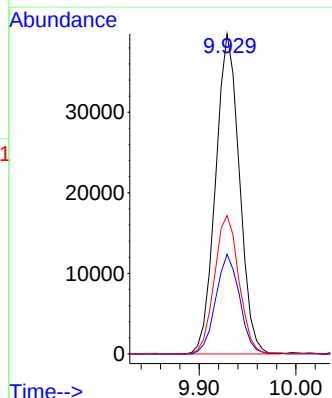
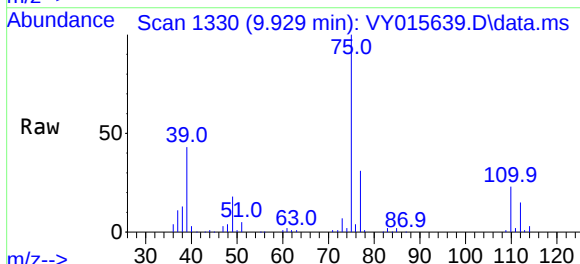
Instrument :
MSVOA_Y
ClientSampleId :

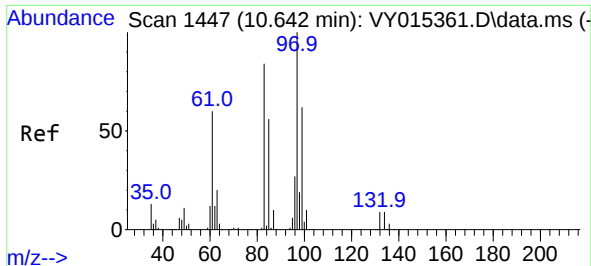
Tgt Ion: 75 Resp: 62840
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 19.851 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 75 Resp: 67924
Ion Ratio Lower Upper
75 100
77 31.1 24.2 36.4
39 43.2 42.2 63.4

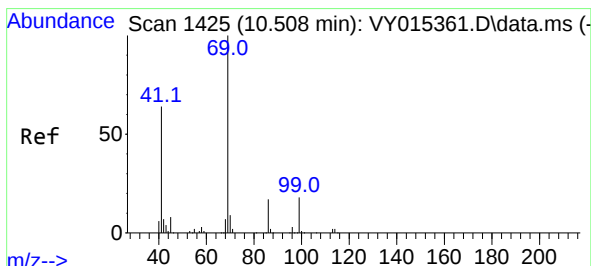
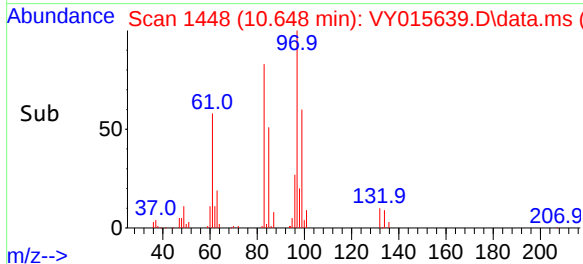
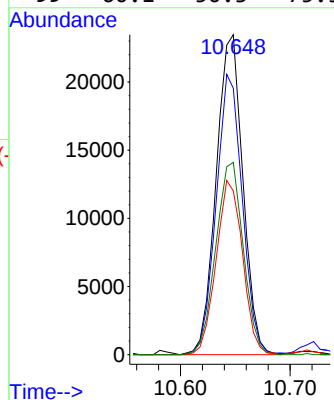
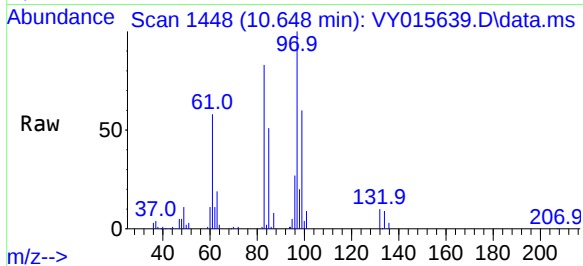




#55
1,1,2-Trichloroethane
Concen: 20.399 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

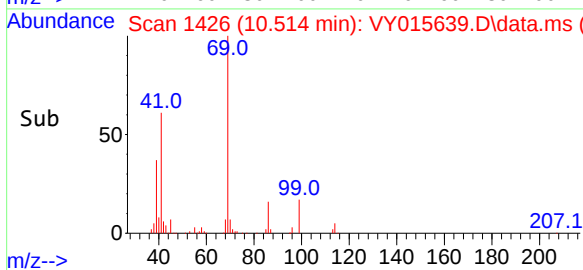
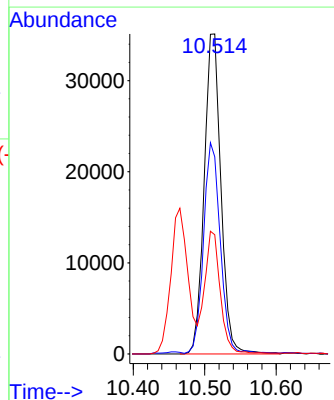
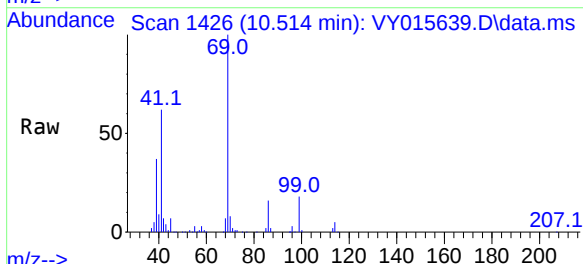
Instrument :
MSVOA_Y
ClientSampleId :

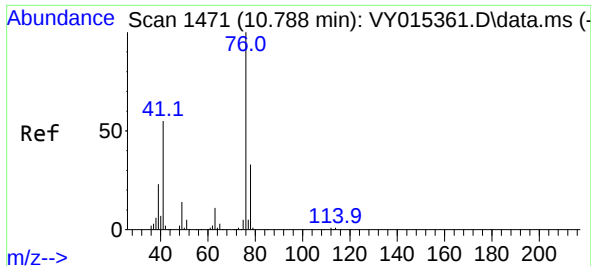
Tgt Ion: 97	Resp:	39754	
Ion	Ratio	Lower	Upper
97	100		
83	83.3	72.0	108.0
85	51.2	45.4	68.0
99	60.1	50.3	75.5



#56
Ethyl methacrylate
Concen: 19.918 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 69	Resp: 57204
Ion Ratio	Lower Upper
69 100	
41 65.5	57.6 86.4
39 35.2	34.1 51.1





#57

1,3-Dichloropropane

Concen: 20.006 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

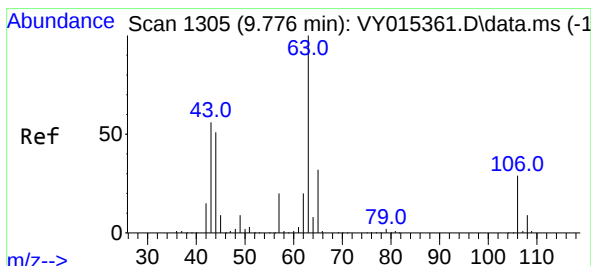
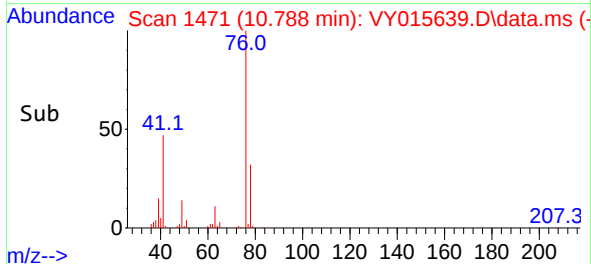
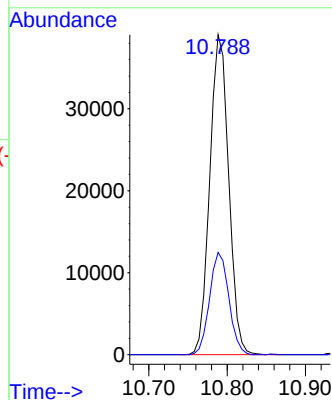
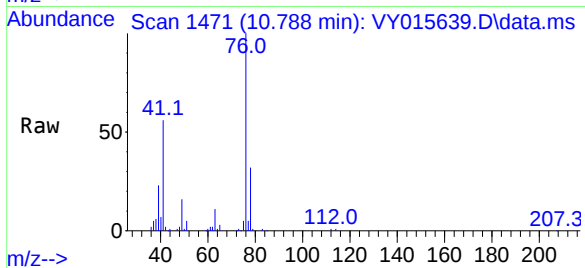
ClientSampleId :

Tgt Ion: 76 Resp: 65384

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 107.238 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015639.D

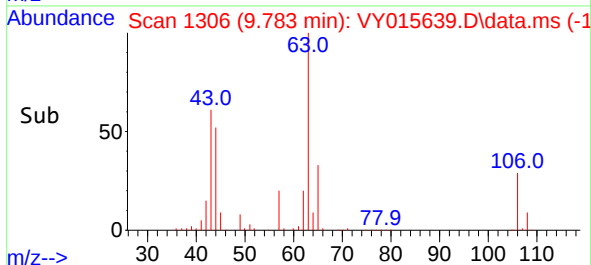
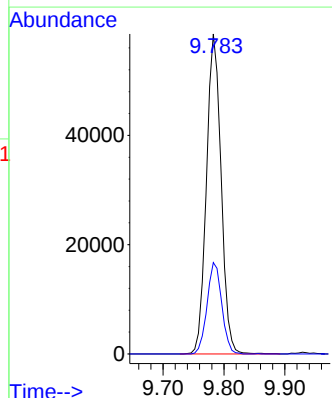
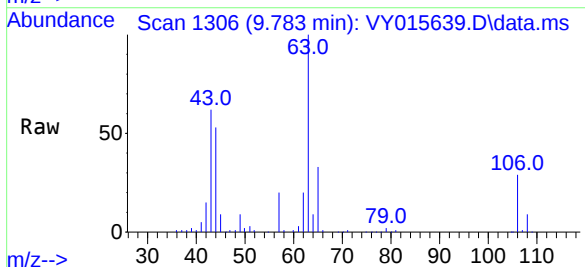
Acq: 19 Sep 2023 12:26

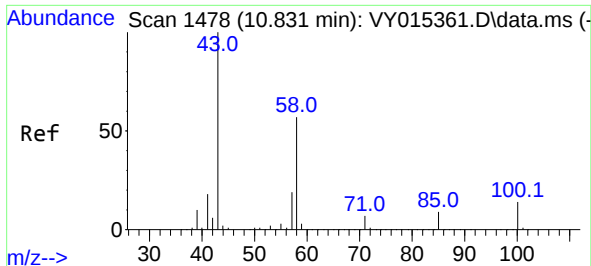
Tgt Ion: 63 Resp: 97831

Ion Ratio Lower Upper

63 100

106 28.6 21.2 31.8

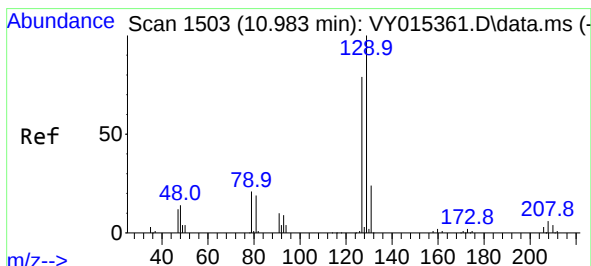
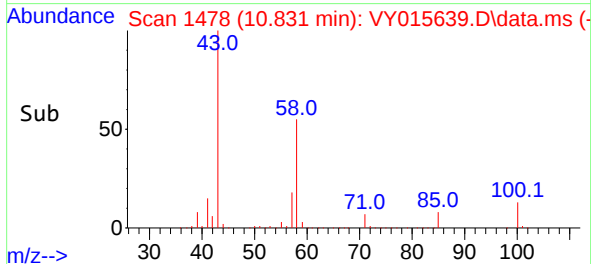
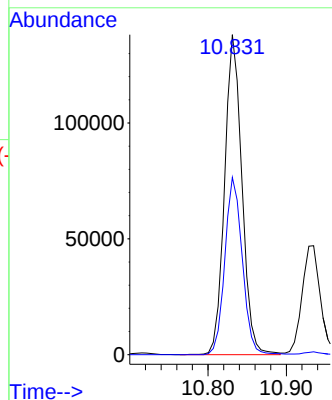
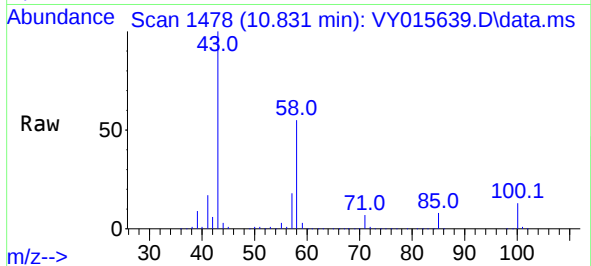




#59
2-Hexanone
Concen: 107.445 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

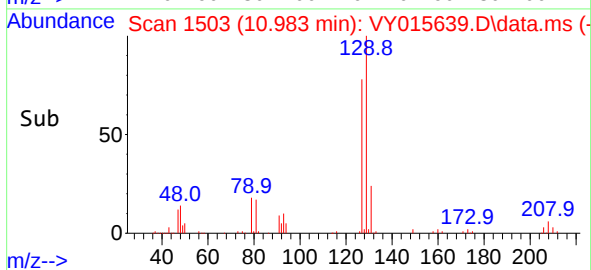
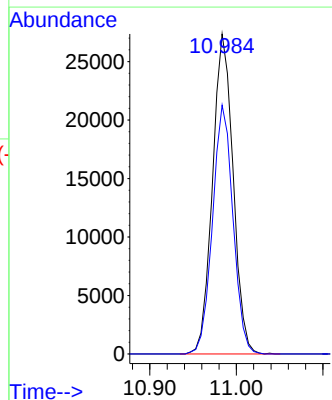
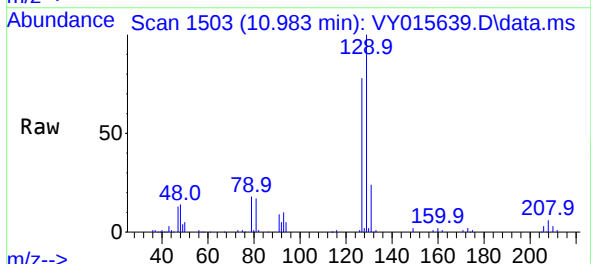
Instrument :
MSVOA_Y
ClientSampleId :

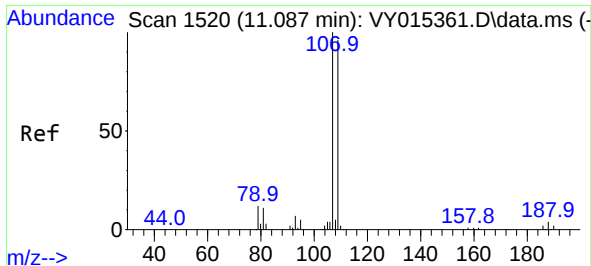
Tgt Ion: 43 Resp: 212816
Ion Ratio Lower Upper
43 100
58 55.7 25.1 75.3



#60
Dibromochloromethane
Concen: 19.859 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 129 Resp: 45178
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

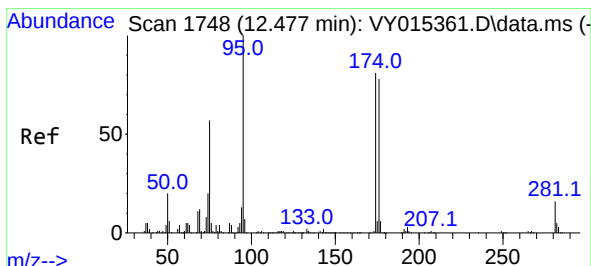
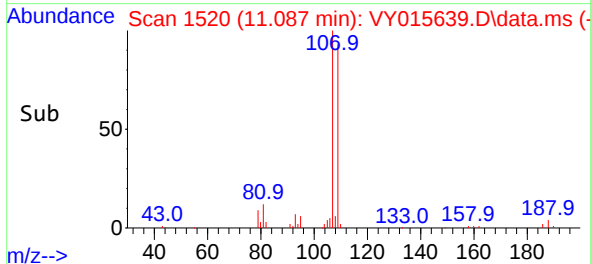
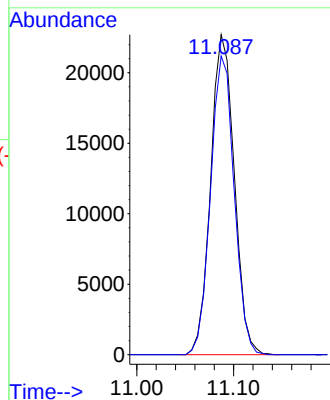
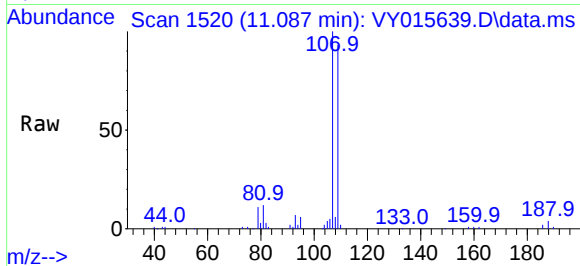




#61
1,2-Dibromoethane
Concen: 20.194 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

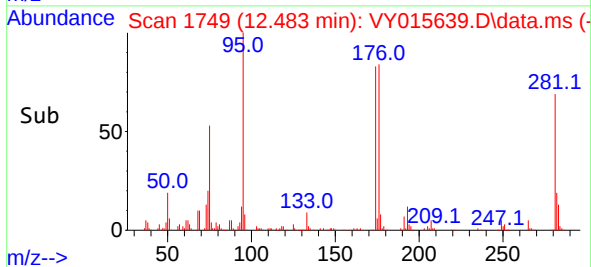
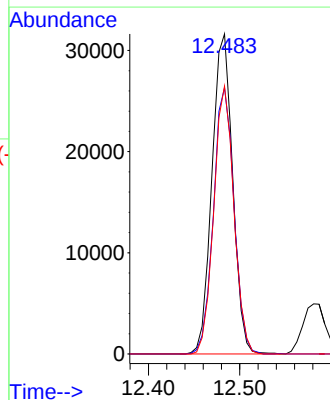
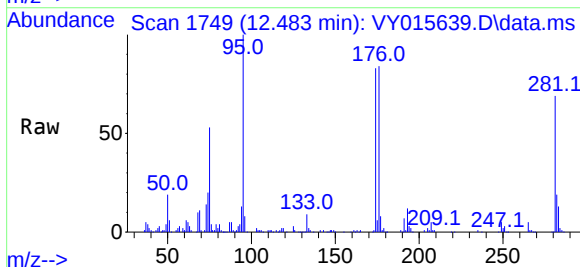
Instrument :
MSVOA_Y
ClientSampleId :

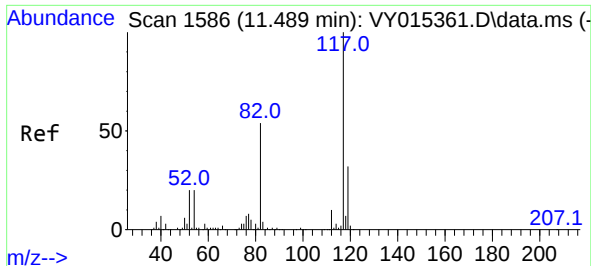
Tgt Ion:107 Resp: 38501
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 22.554 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

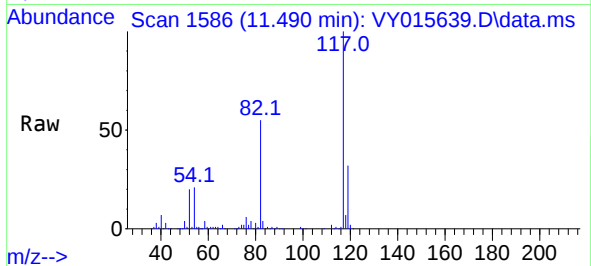
Tgt Ion: 95 Resp: 49618
Ion Ratio Lower Upper
95 100
174 82.8 0.0 178.2
176 81.3 0.0 173.8



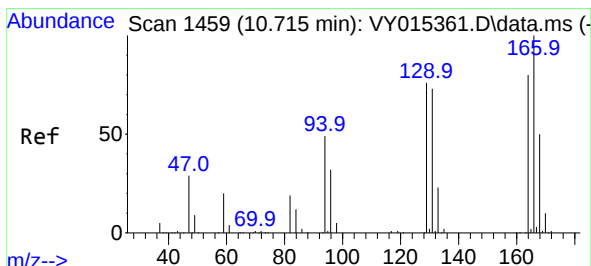
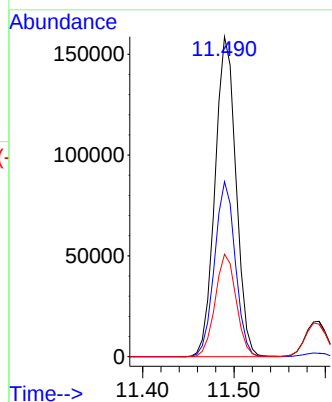
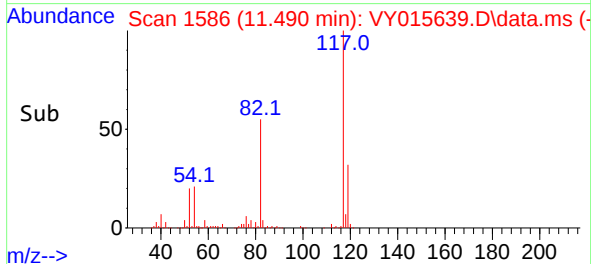


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :

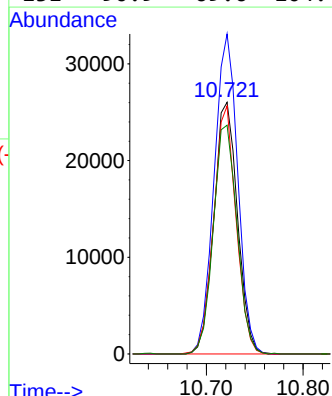
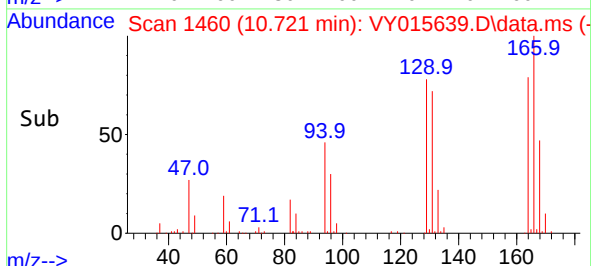
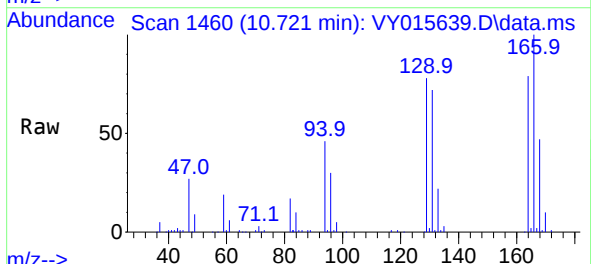


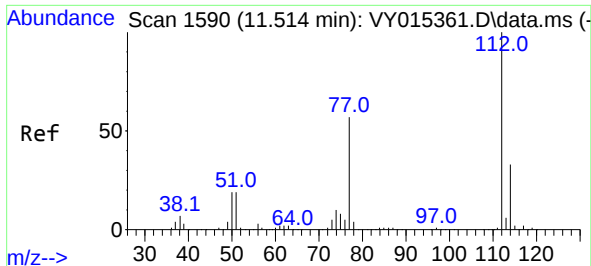
Tgt Ion:117 Resp: 253209
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 32.0 26.3 39.5



#64
Tetrachloroethene
Concen: 20.325 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion:164 Resp: 44155
Ion Ratio Lower Upper
164 100
166 127.1 103.0 154.6
129 98.6 77.2 115.8
131 90.9 69.6 104.4

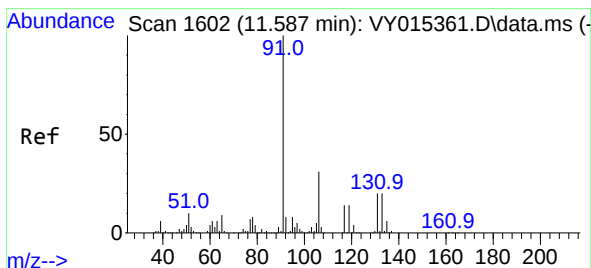
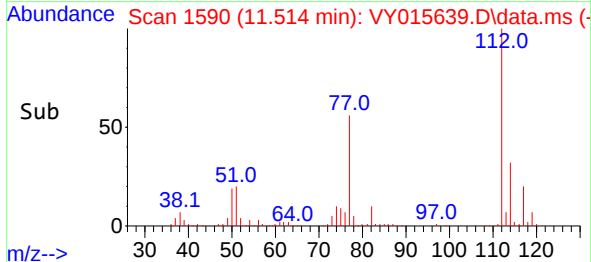
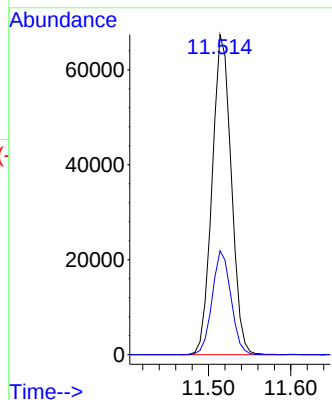
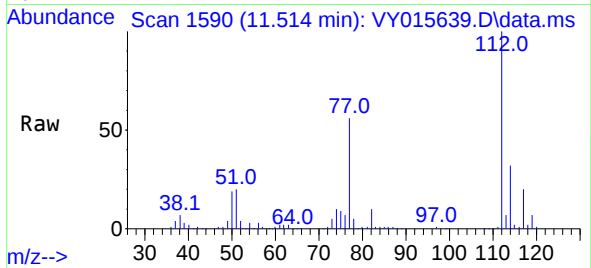




#65
Chlorobenzene
Concen: 19.764 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

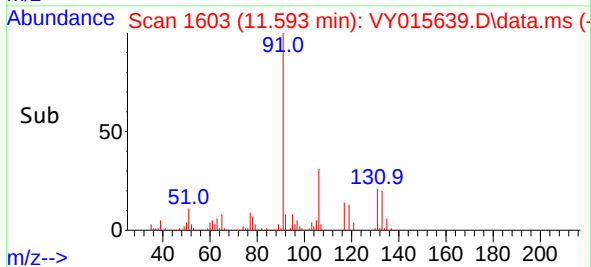
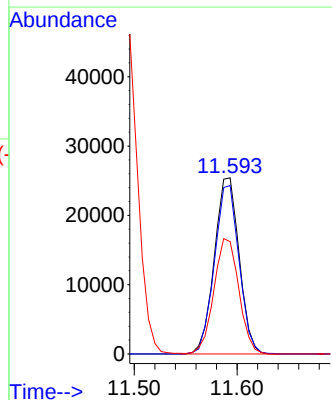
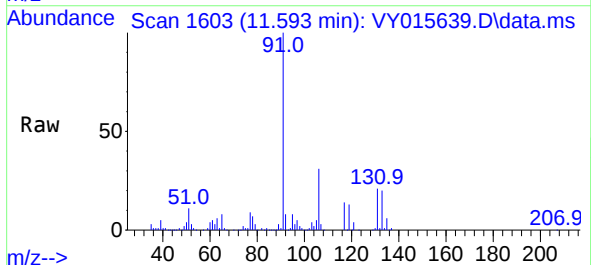
Instrument :
MSVOA_Y
ClientSampleId :

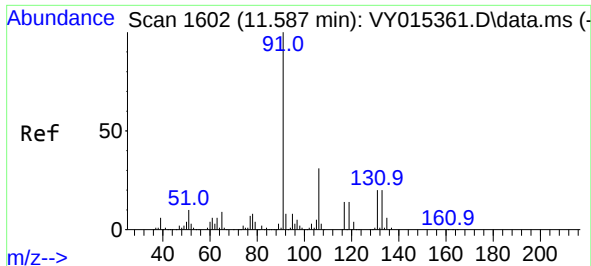
Tgt Ion:112 Resp: 109238
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.830 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion:131 Resp: 42574
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 66.0 31.6 94.7





#67

Ethyl Benzene

Concen: 19.638 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

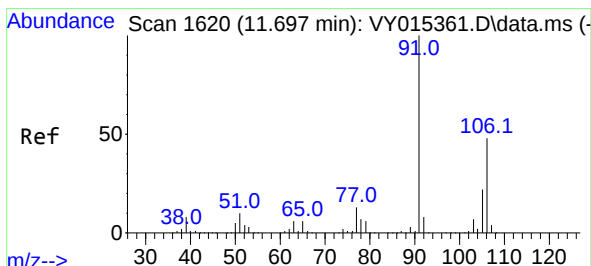
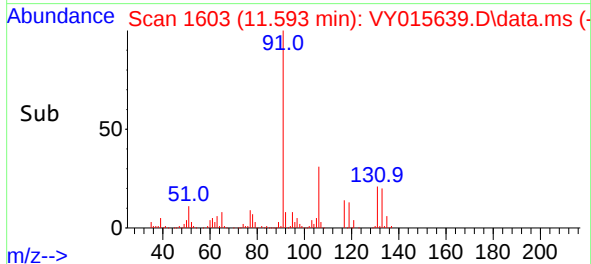
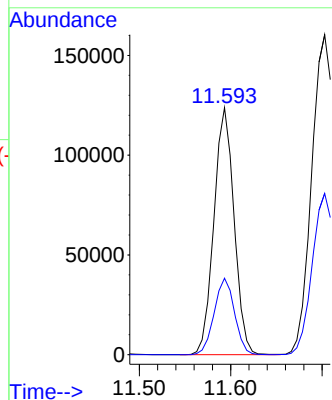
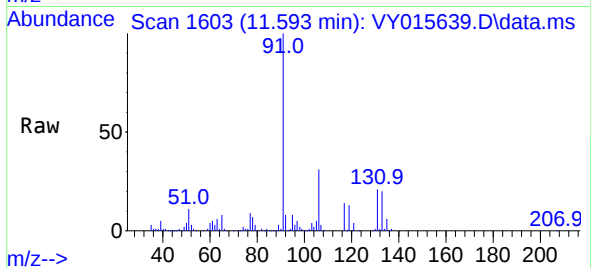
ClientSampleId :

Tgt Ion: 91 Resp: 189710

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 39.834 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY015639.D

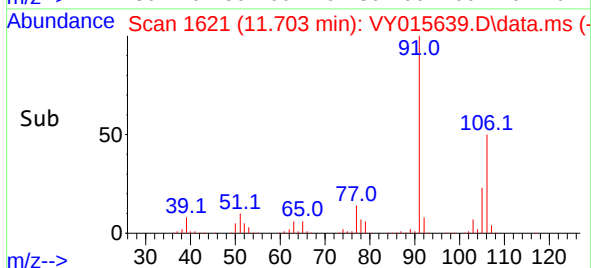
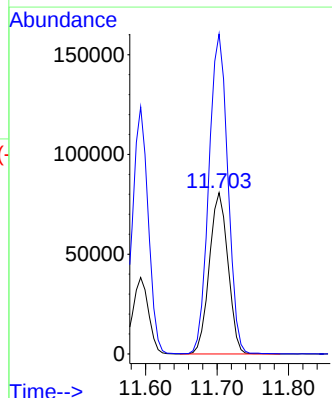
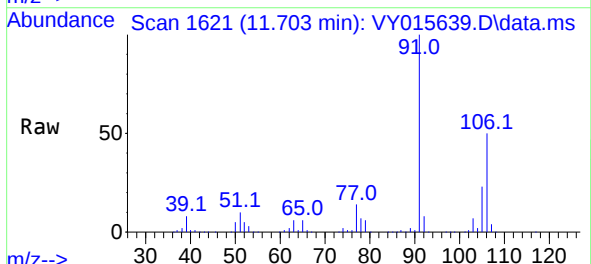
Acq: 19 Sep 2023 12:26

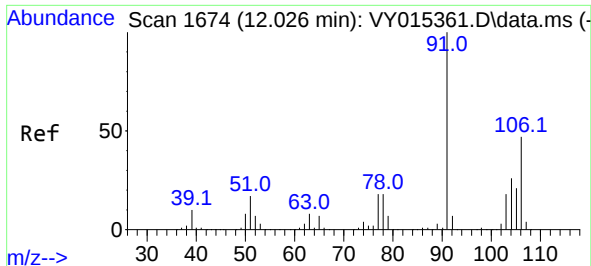
Tgt Ion:106 Resp: 146267

Ion Ratio Lower Upper

106 100

91 201.7 166.1 249.1





#69

o-Xylene

Concen: 19.540 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

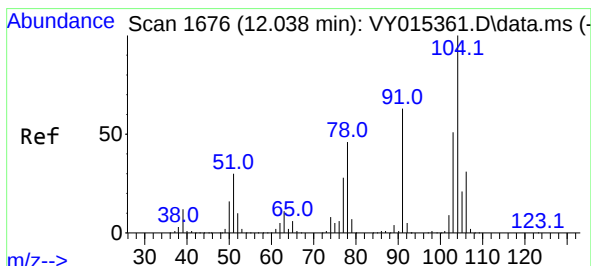
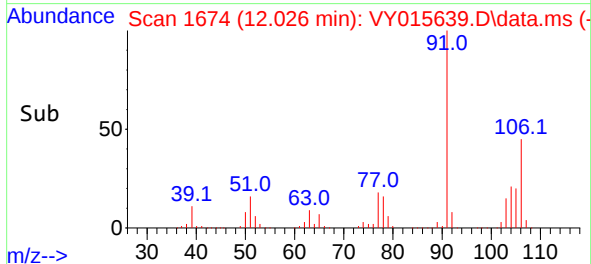
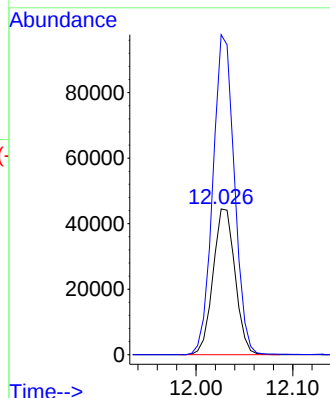
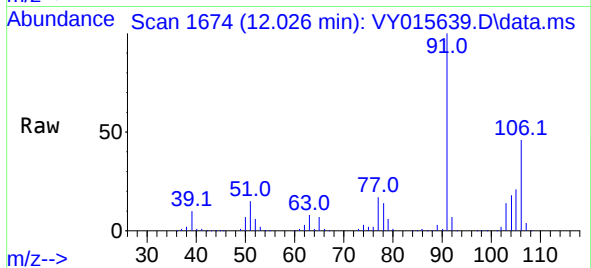
ClientSampleId :

Tgt Ion:106 Resp: 70354

Ion Ratio Lower Upper

106 100

91 214.9 108.1 324.3



#70

Styrene

Concen: 19.804 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

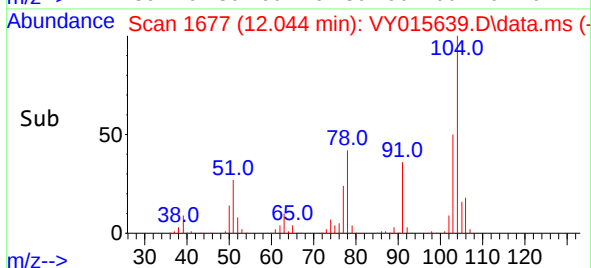
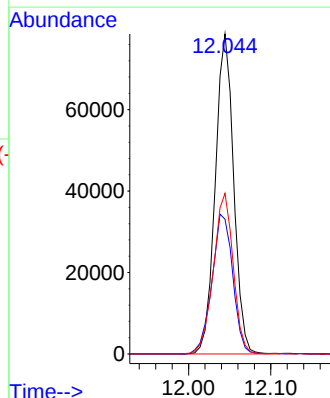
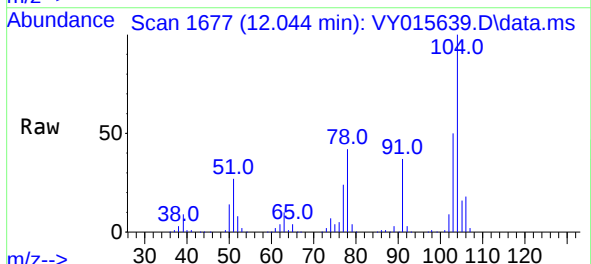
Tgt Ion:104 Resp: 122052

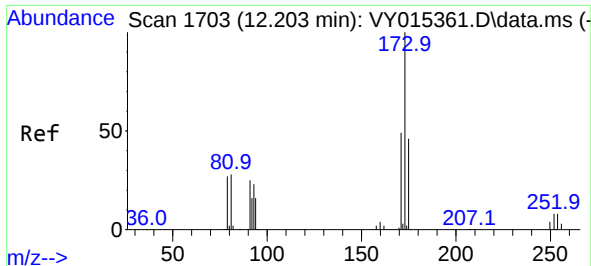
Ion Ratio Lower Upper

104 100

78 49.3 41.5 62.3

103 54.0 44.6 67.0

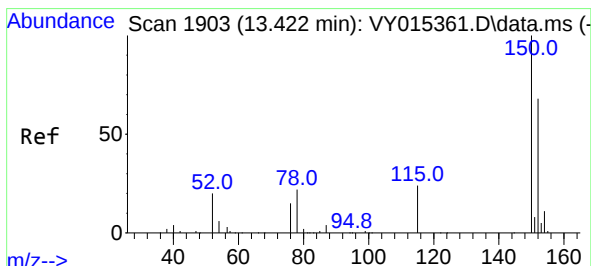
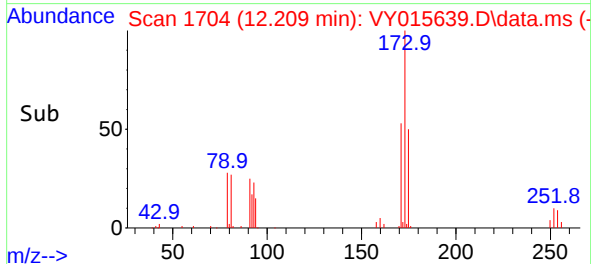
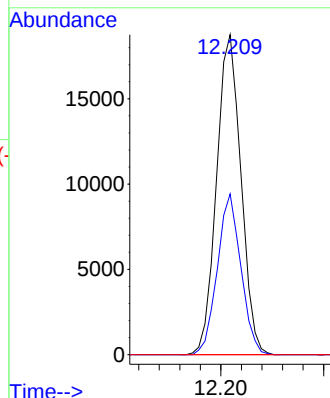
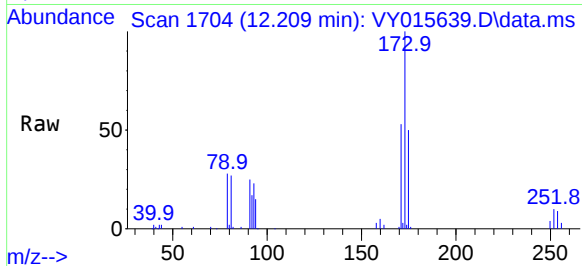




#71
Bromoform
Concen: 19.831 ug/l
RT: 12.209 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

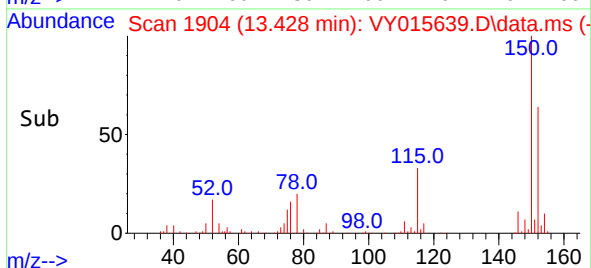
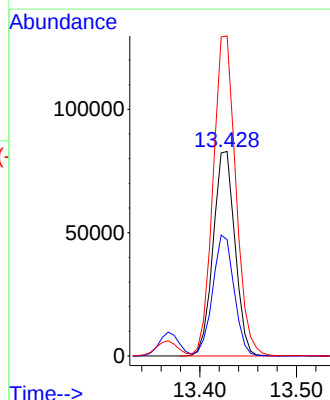
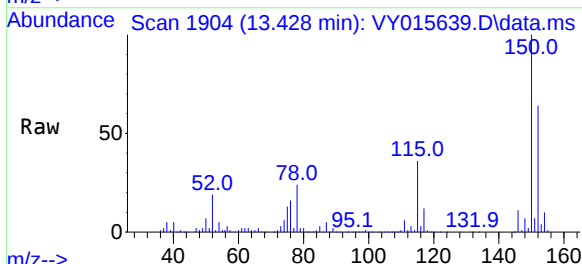
Instrument :
MSVOA_Y
ClientSampleId :

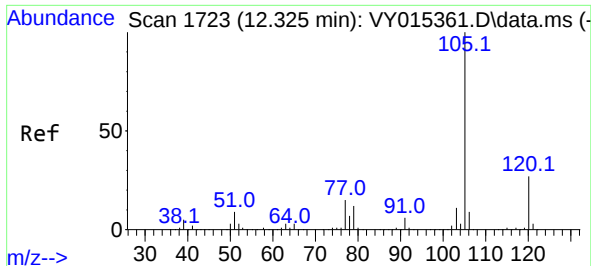
Tgt Ion:173 Resp: 30852
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion:152 Resp: 130113
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 162.9 0.0 348.8

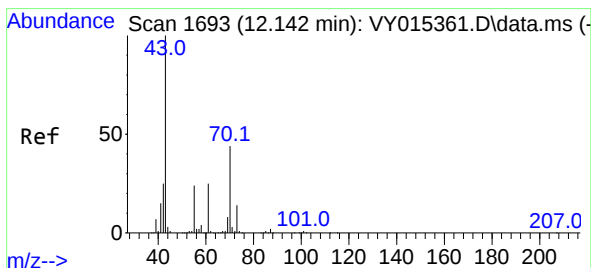
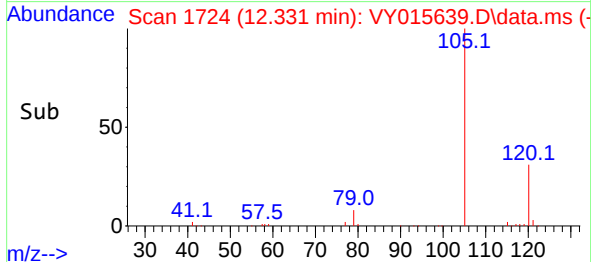
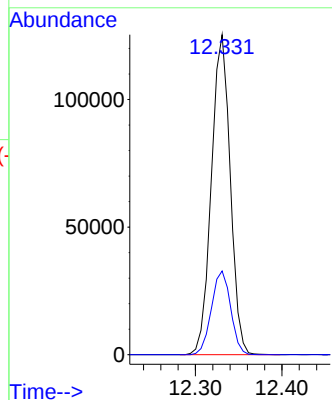
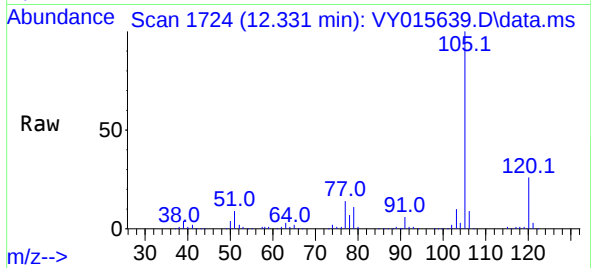




#73
Isopropylbenzene
Concen: 19.407 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

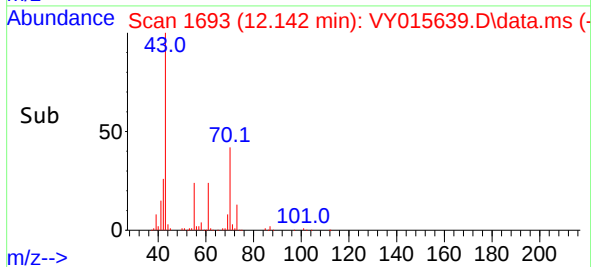
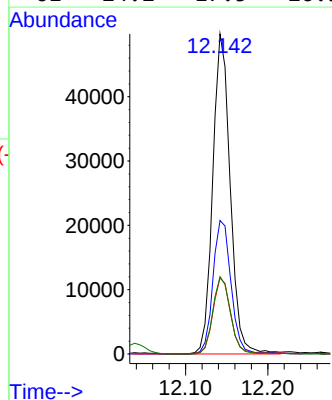
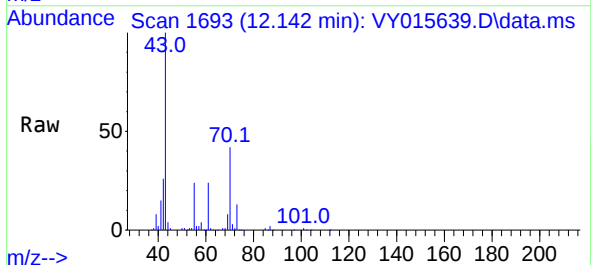
Instrument :
MSVOA_Y
ClientSampleId :

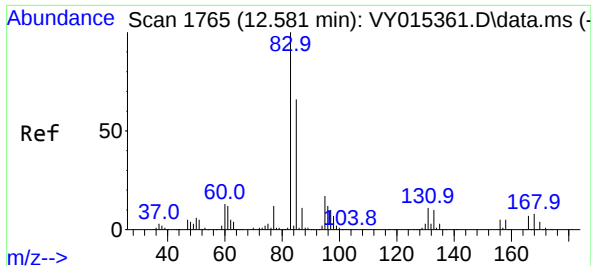
Tgt Ion:105 Resp: 189422
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 20.031 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 43 Resp: 73486
Ion Ratio Lower Upper
43 100
70 43.5 29.7 44.5
55 24.2 18.3 27.5
61 24.2 17.5 26.3

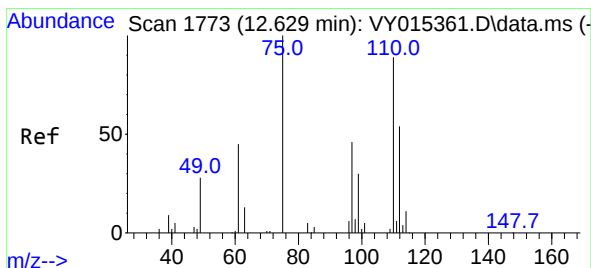
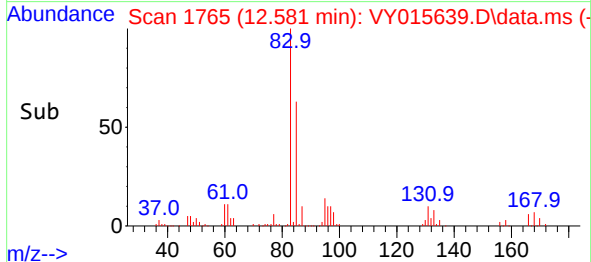
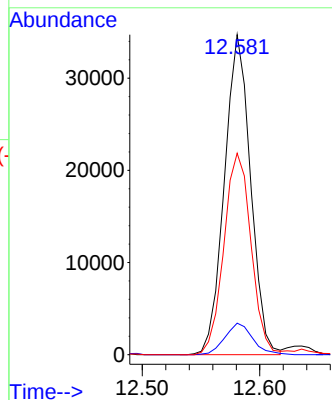
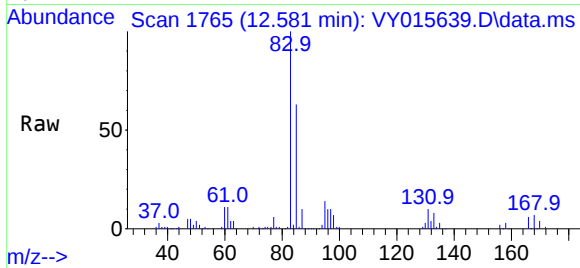




#75
1,1,2,2-Tetrachloroethane
Concen: 19.825 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

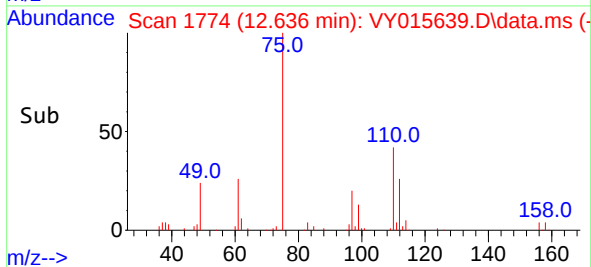
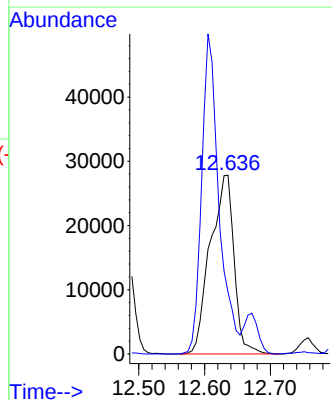
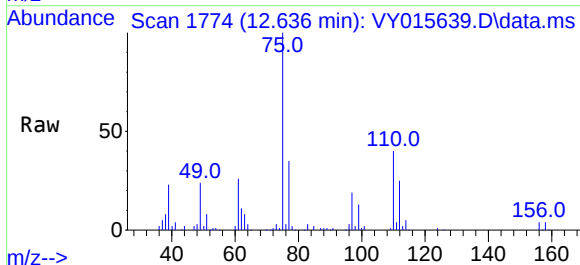
Instrument :
MSVOA_Y
ClientSampleId :

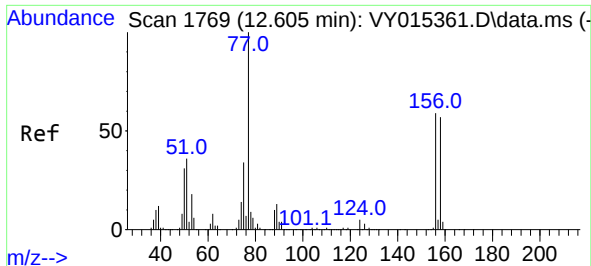
Tgt Ion: 83 Resp: 53855
Ion Ratio Lower Upper
83 100
131 10.4 5.4 16.2
85 65.3 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 32.174 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 75 Resp: 70113
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

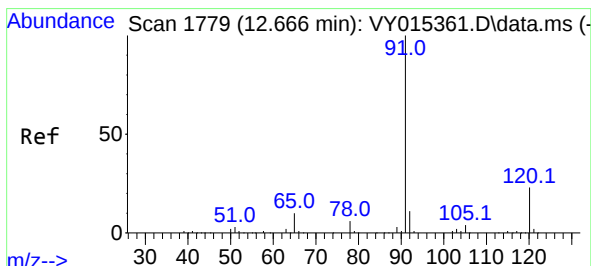
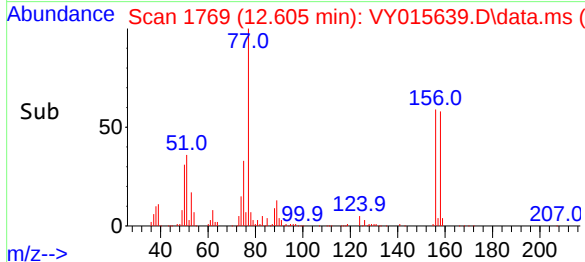
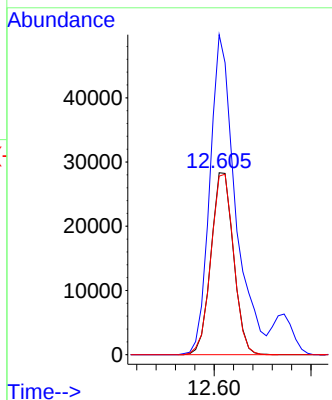
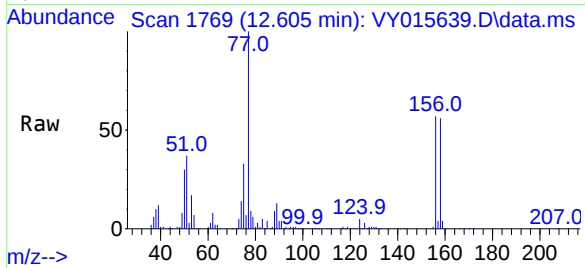




#77
Bromobenzene
Concen: 19.120 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

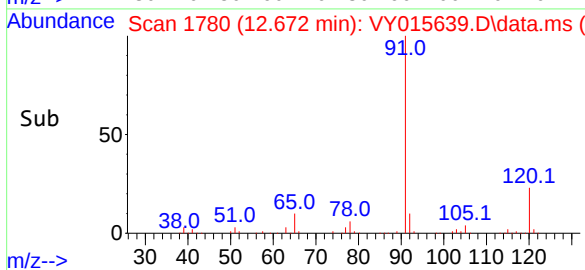
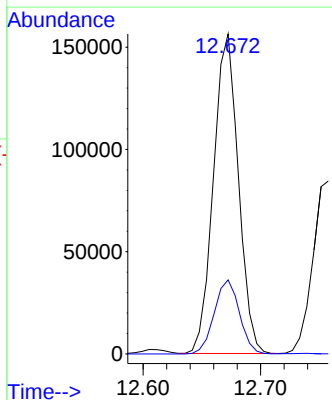
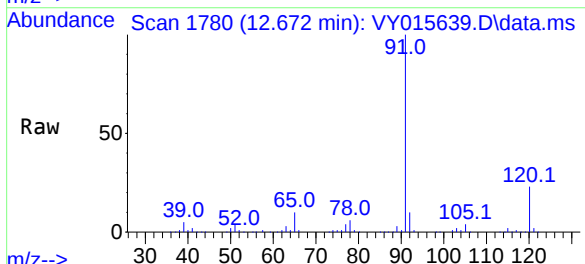
Instrument :
MSVOA_Y
ClientSampleId :

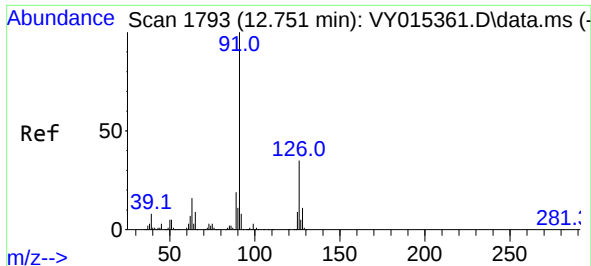
Tgt Ion:156 Resp: 45810
Ion Ratio Lower Upper
156 100
77 199.9 92.8 278.6
158 99.7 48.4 145.3



#78
n-propylbenzene
Concen: 19.393 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 91 Resp: 229965
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4

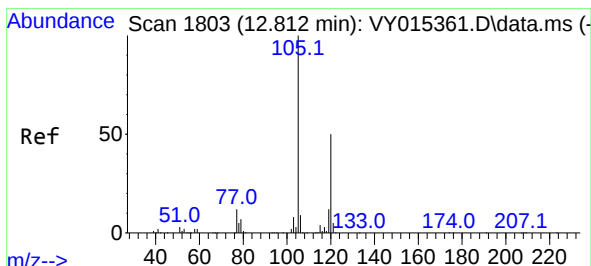
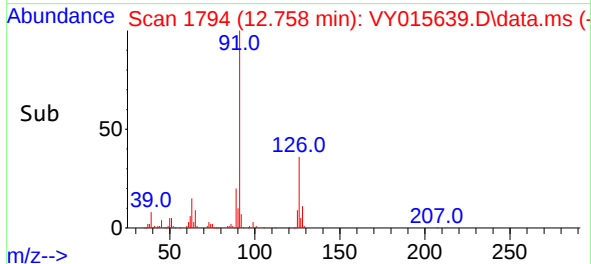
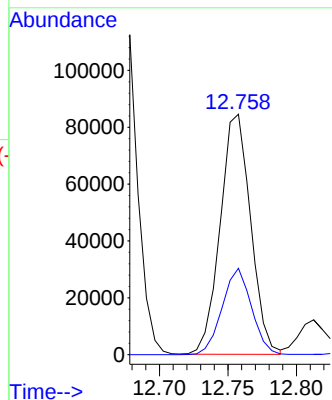
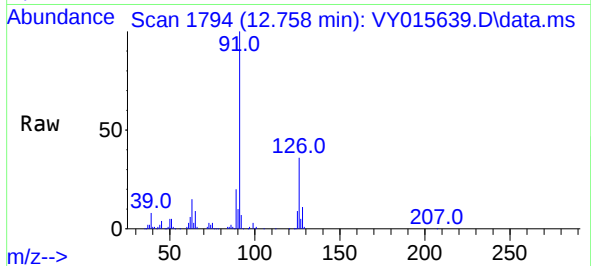




#79
2-Chlorotoluene
Concen: 19.339 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

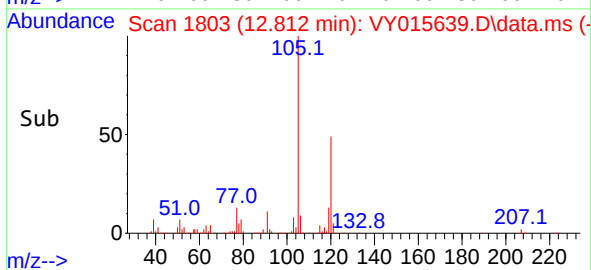
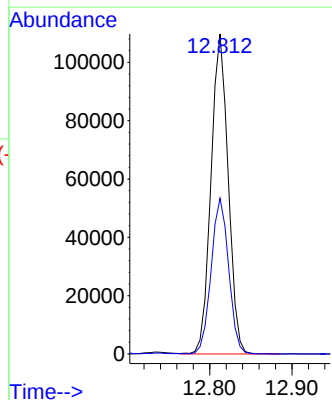
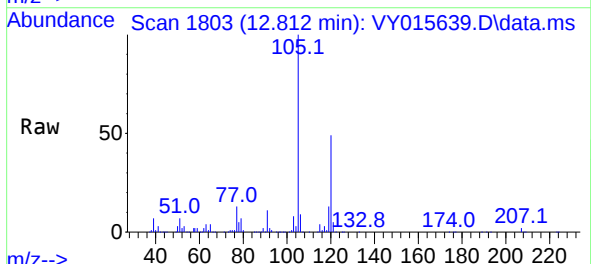
Instrument :
MSVOA_Y
ClientSampleId :

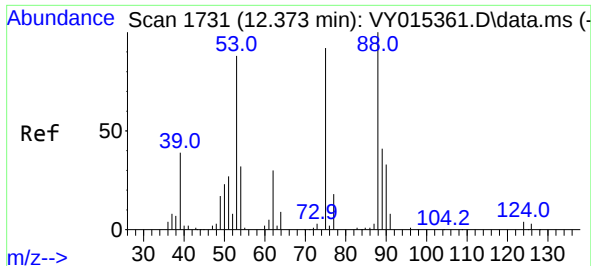
Tgt Ion: 91 Resp: 130717
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.487 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion:105 Resp: 159233
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7

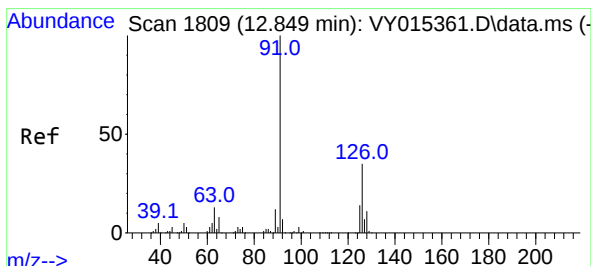
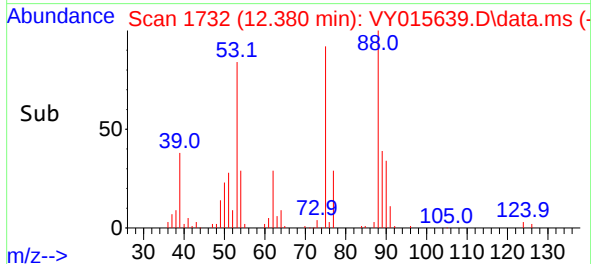
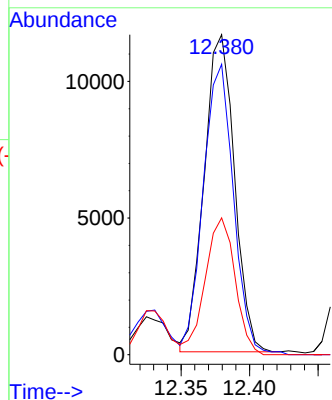
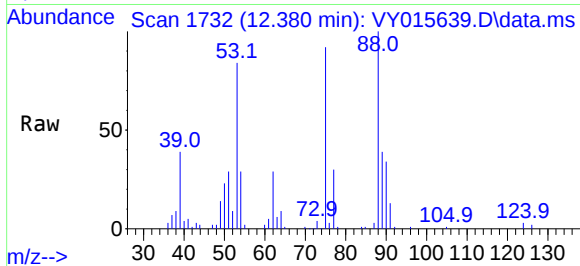




#81
trans-1,4-Dichloro-2-butene
Concen: 19.389 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

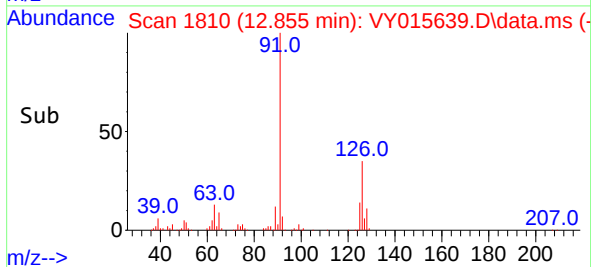
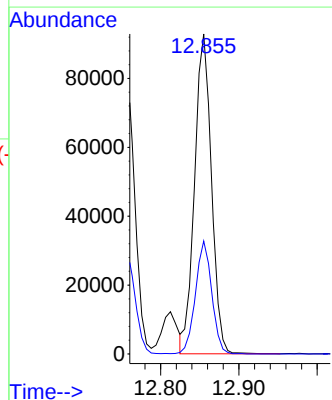
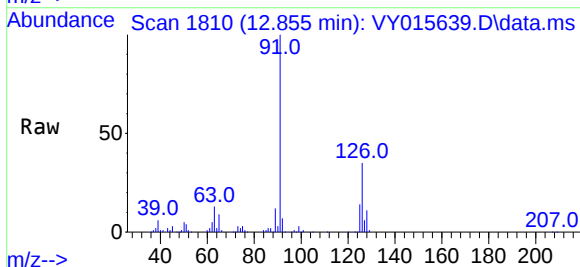
Instrument :
MSVOA_Y
ClientSampleId :

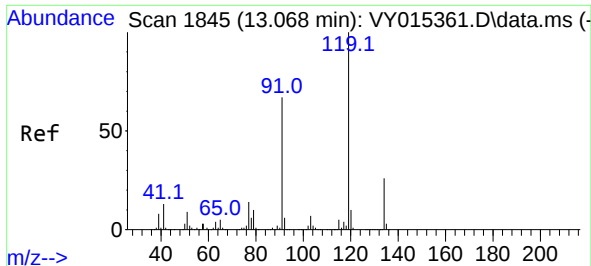
Tgt Ion: 75 Resp: 17872
Ion Ratio Lower Upper
75 100
53 91.7 77.8 116.8
89 42.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.699 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

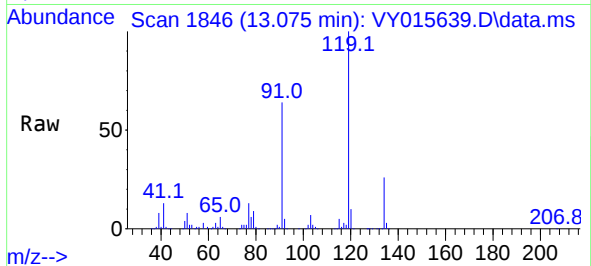
Tgt Ion: 91 Resp: 138998
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6



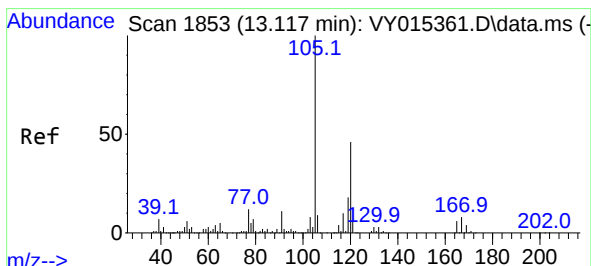
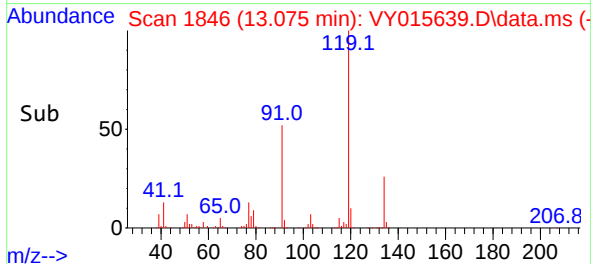
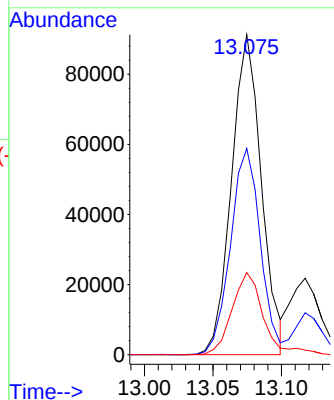


#83
tert-Butylbenzene
Concen: 19.402 ug/l
RT: 13.075 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :

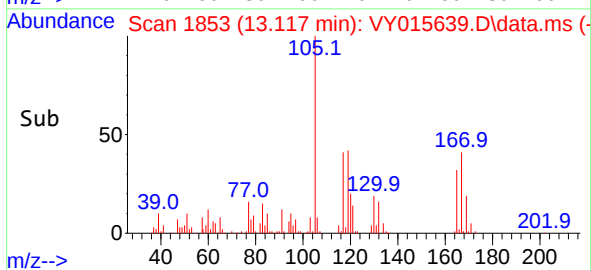
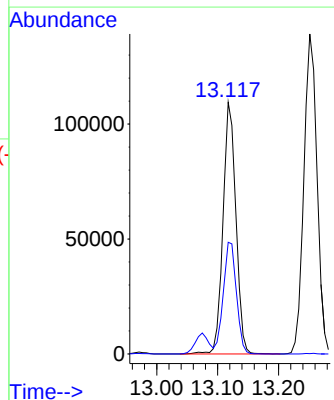
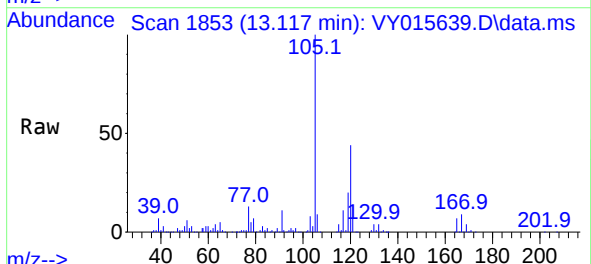


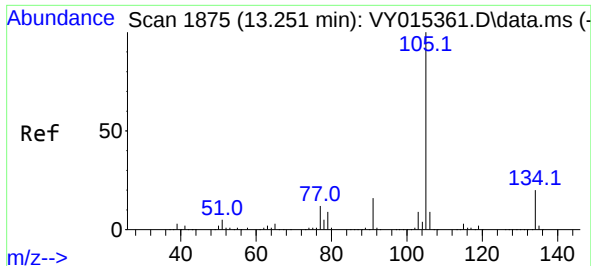
Tgt Ion:119 Resp: 138857
Ion Ratio Lower Upper
119 100
91 64.2 32.9 98.6
134 26.8 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 19.729 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion:105 Resp: 161301
Ion Ratio Lower Upper
105 100
120 45.1 22.2 66.6

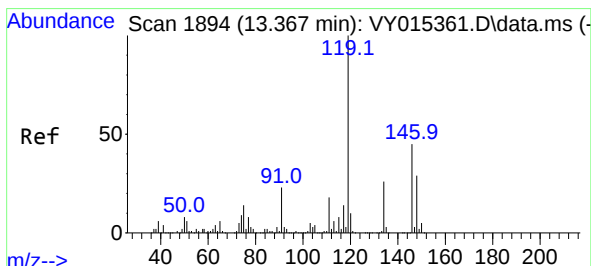
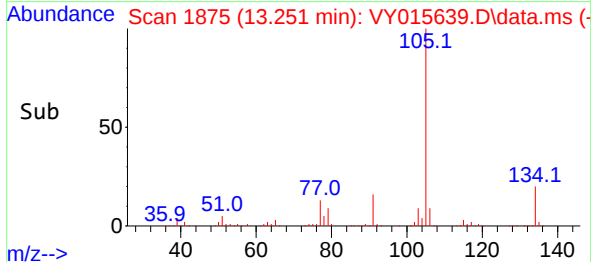
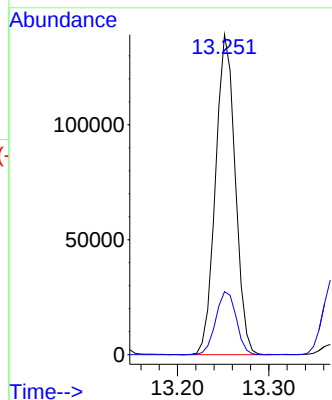
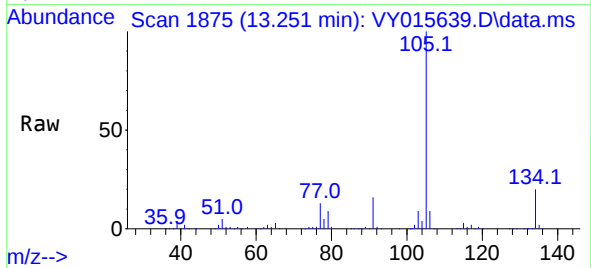




#85
 sec-Butylbenzene
 Concen: 19.481 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY015639.D
 Acq: 19 Sep 2023 12:26

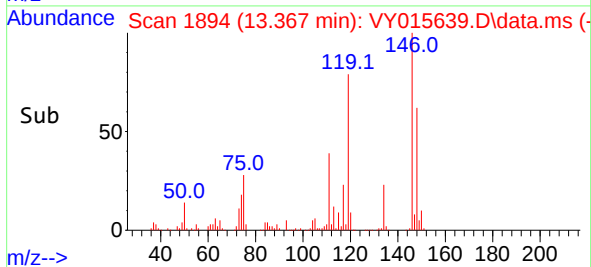
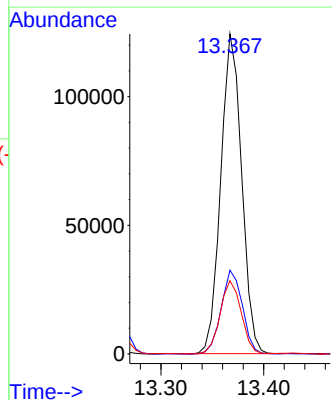
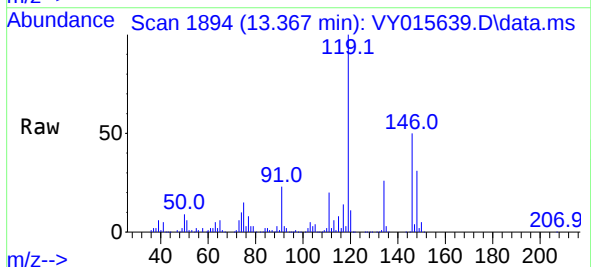
Instrument :
 MSVOA_Y
 ClientSampleId :

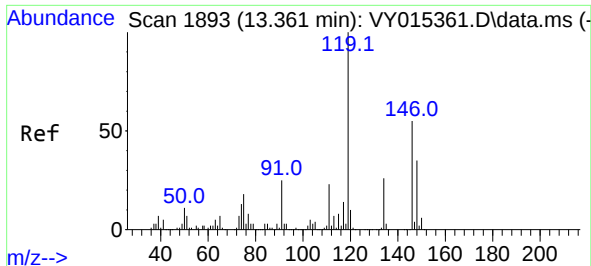
Tgt Ion:105 Resp: 208650
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 19.571 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY015639.D
 Acq: 19 Sep 2023 12:26

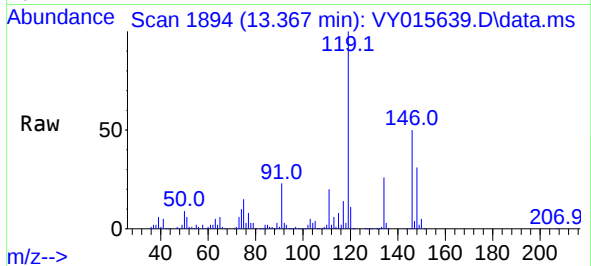
Tgt Ion:119 Resp: 175092
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.1 12.4 37.4



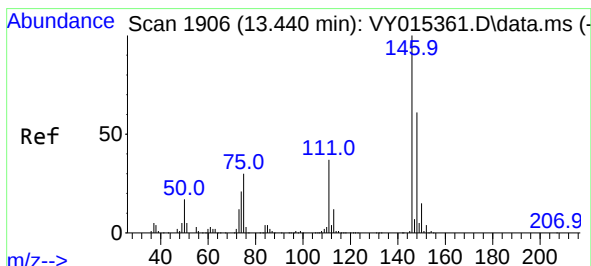
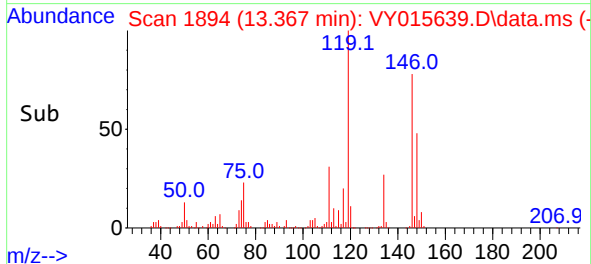
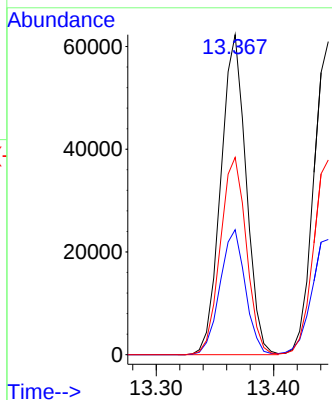


#87
1,3-Dichlorobenzene
Concen: 19.580 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :

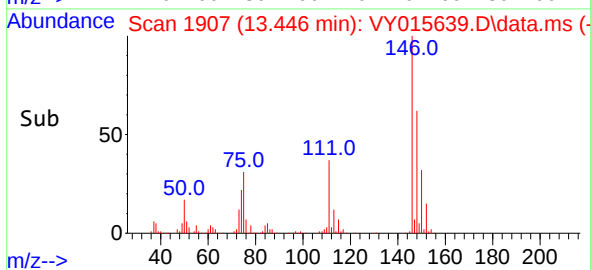
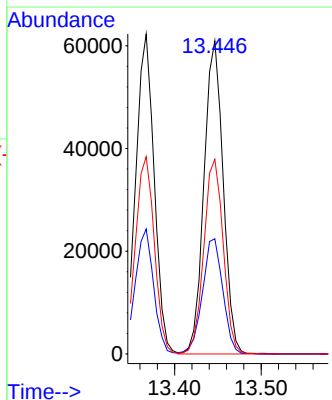
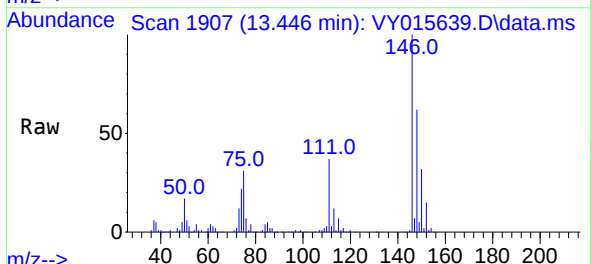


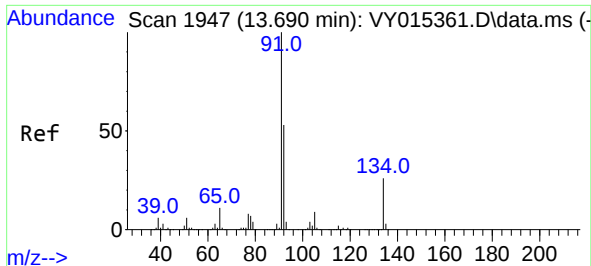
Tgt Ion:146 Resp: 93070
Ion Ratio Lower Upper
146 100
111 39.3 19.4 58.2
148 63.4 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 19.726 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion:146 Resp: 93774
Ion Ratio Lower Upper
146 100
111 39.2 18.9 56.7
148 63.1 32.1 96.5

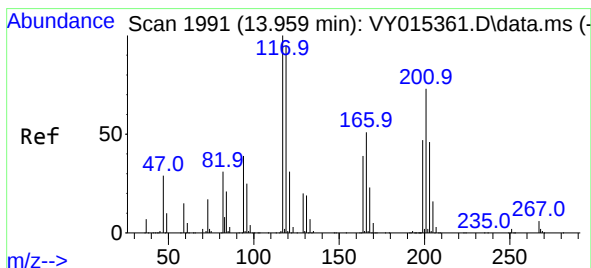
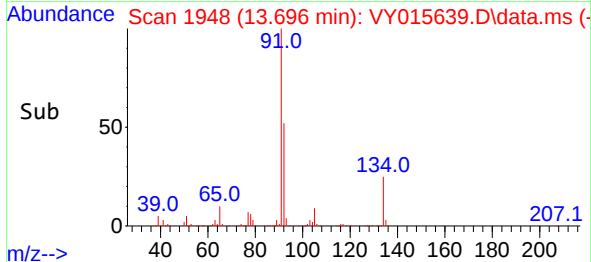
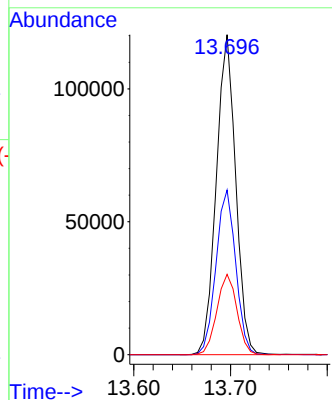
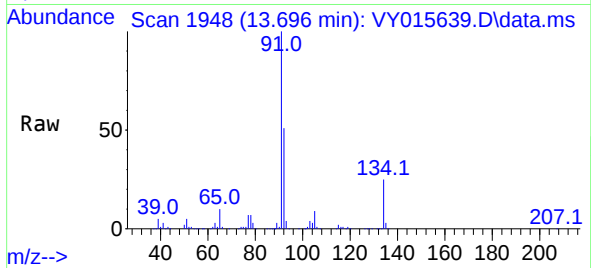




#89
n-Butylbenzene
Concen: 19.779 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

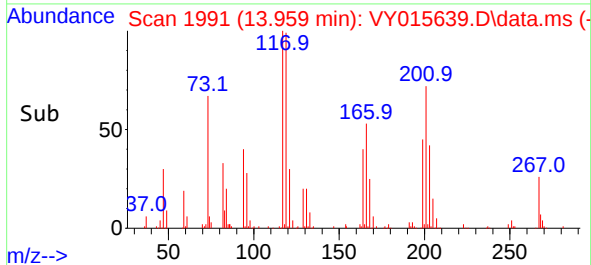
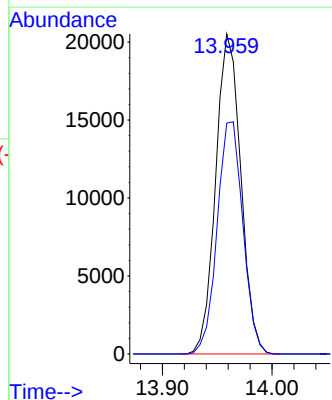
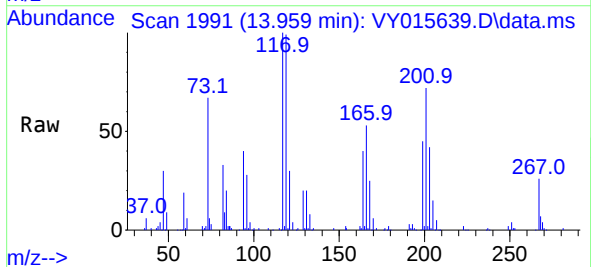
Instrument :
MSVOA_Y
ClientSampleId :

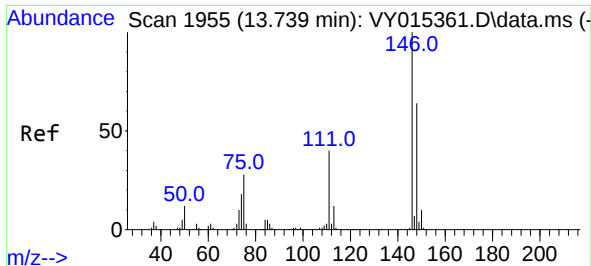
Tgt Ion: 91 Resp: 167561
Ion Ratio Lower Upper
91 100
92 52.4 25.4 76.0
134 26.1 12.6 37.6



#90
Hexachloroethane
Concen: 18.944 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 117 Resp: 32709
Ion Ratio Lower Upper
117 100
201 74.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 19.731 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY015639.D

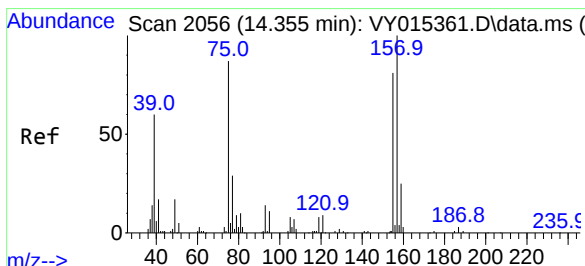
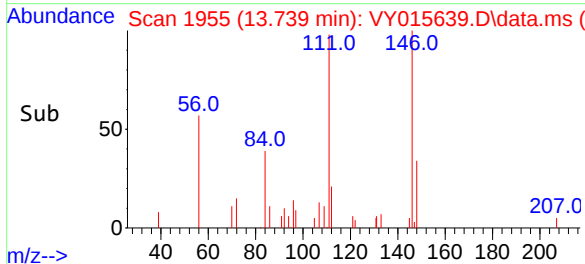
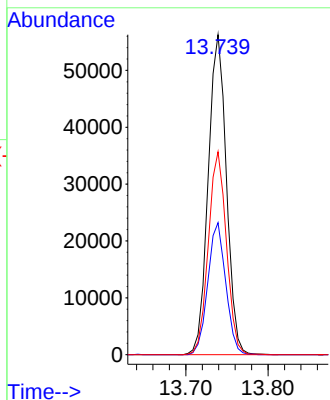
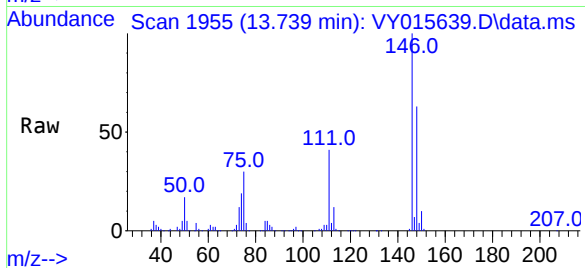
Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	86576
Ion Ratio	Lower	Upper
146	100	
111	40.7	19.7 59.0
148	63.0	32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.340 ug/l

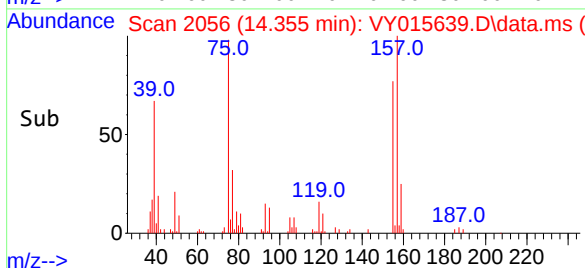
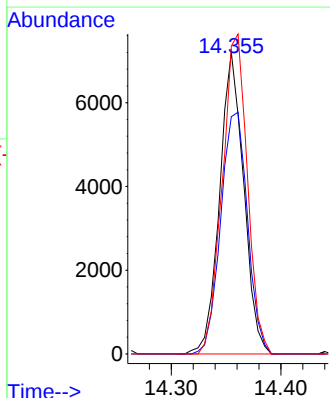
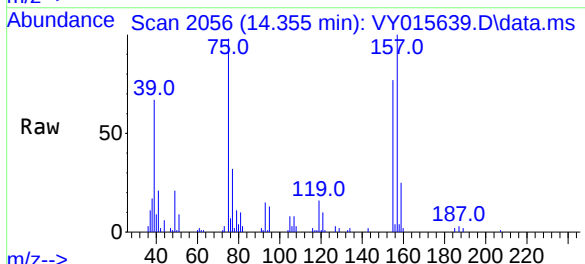
RT: 14.355 min Scan# 2056

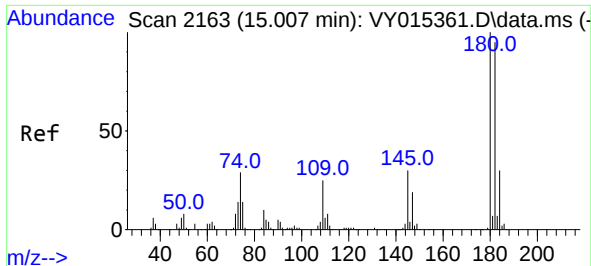
Delta R.T. 0.000 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

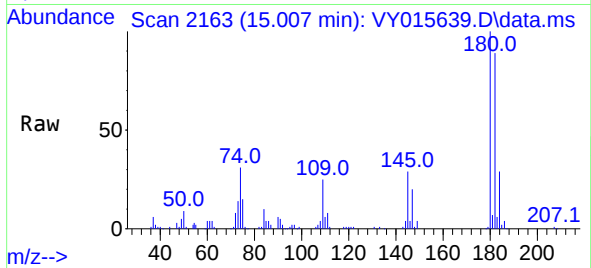
Tgt Ion: 75	Resp:	10974
Ion Ratio	Lower	Upper
75	100	
155	89.1	41.5 124.6
157	110.4	51.8 155.5



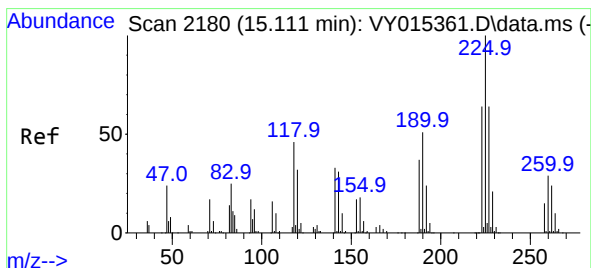
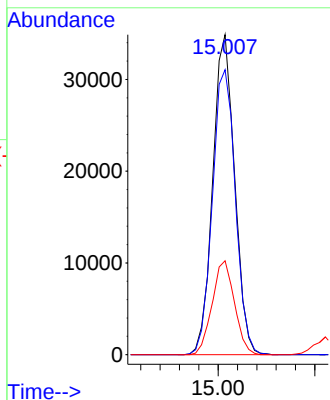
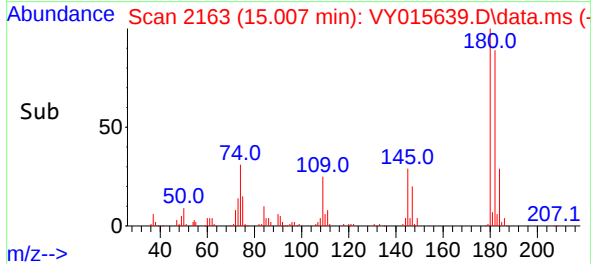


#93
1,2,4-Trichlorobenzene
Concen: 19.790 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :

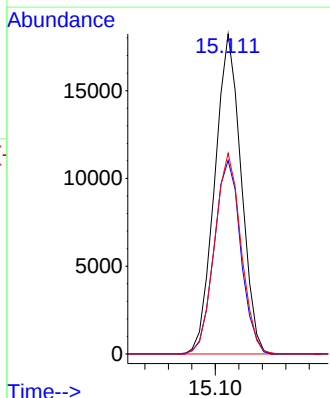
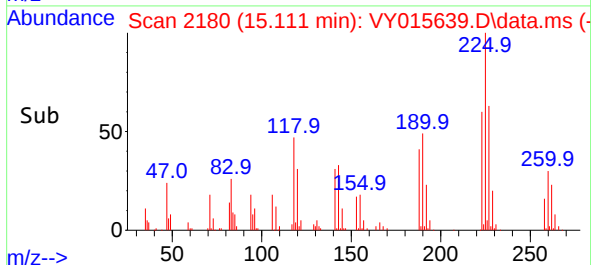
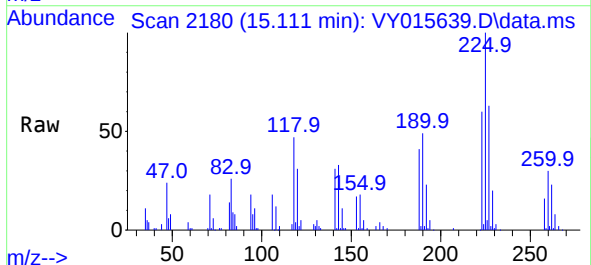


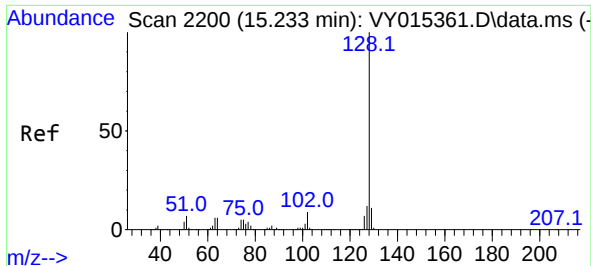
Tgt Ion:180 Resp: 54666
Ion Ratio Lower Upper
180 100
182 93.6 47.0 141.2
145 30.0 14.5 43.5



#94
Hexachlorobutadiene
Concen: 20.121 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

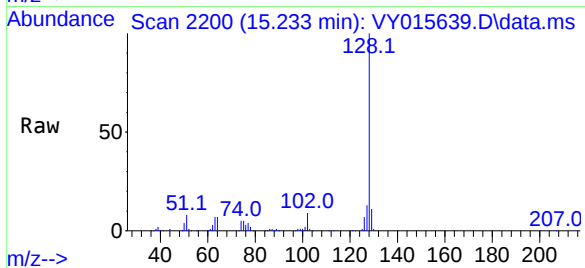
Tgt Ion:225 Resp: 28463
Ion Ratio Lower Upper
225 100
223 61.1 31.9 95.9
227 62.8 33.0 98.9



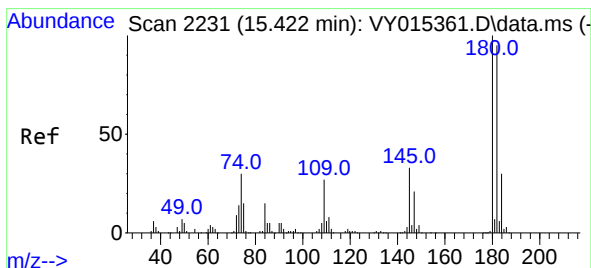
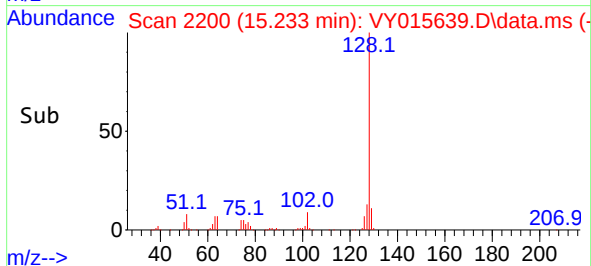
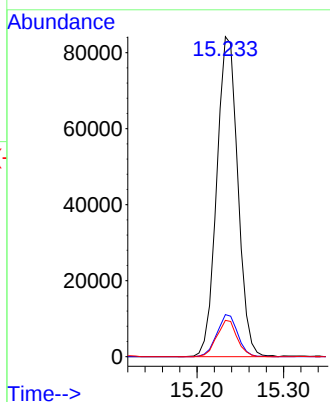


#95
Naphthalene
Concen: 19.757 ug/l
RT: 15.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 142308
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.803 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion:180 Resp: 50490
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.8
145 32.5 15.4 46.2

