

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015666.D
 Acq On : 21 Sep 2023 09:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 22 01:16:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	147593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	242989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	220167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112591	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	77344	47.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.260%
35) Dibromofluoromethane	7.716	113	75491	51.906	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.820%
50) Toluene-d8	10.179	98	246212	49.929	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.860%
62) 4-Bromofluorobenzene	12.483	95	96571	49.903	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	54329	55.844	ug/l	98
3) Chloromethane	2.107	50	67228	54.774	ug/l	98
4) Vinyl Chloride	2.247	62	79921	56.951	ug/l	99
5) Bromomethane	2.644	94	61470	51.765	ug/l	98
6) Chloroethane	2.790	64	57819	55.587	ug/l	99
7) Trichlorofluoromethane	3.119	101	131620	55.926	ug/l	99
8) Diethyl Ether	3.528	74	52588	52.398	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	82902	56.260	ug/l	94
10) Methyl Iodide	4.088	142	83096	48.067	ug/l	98
11) Tert butyl alcohol	4.966	59	80408	238.948	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	70443	54.251	ug/l	94
13) Acrolein	3.729	56	71884	289.036	ug/l	99
14) Allyl chloride	4.473	41	127321	53.630	ug/l	93
15) Acrylonitrile	5.155	53	186228	252.944	ug/l	98
16) Acetone	3.948	43	260443	299.684	ug/l	94
17) Carbon Disulfide	4.186	76	142555	56.513	ug/l	99
18) Methyl Acetate	4.479	43	151797	52.059	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	273344	51.687	ug/l	98
20) Methylene Chloride	4.710	84	92021	48.173	ug/l	94
21) trans-1,2-Dichloroethene	5.210	96	80630	54.327	ug/l	99
22) Diisopropyl ether	6.119	45	303181	53.064	ug/l	91
23) Vinyl Acetate	6.058	43	910306	258.131	ug/l	96
24) 1,1-Dichloroethane	6.015	63	165003	52.984	ug/l	97
25) 2-Butanone	6.984	43	320852	261.199	ug/l	98
26) 2,2-Dichloropropane	6.978	77	144898	50.907	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	105084	53.333	ug/l	96
28) Bromochloromethane	7.332	49	40946	48.462	ug/l	99
29) Tetrahydrofuran	7.344	42	172689	248.726	ug/l	94
30) Chloroform	7.502	83	175134	52.514	ug/l	96
31) Cyclohexane	7.783	56	116861	51.947	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	151148	54.901	ug/l	99
36) 1,1-Dichloropropene	7.917	75	119803	55.712	ug/l	99
37) Ethyl Acetate	7.076	43	111018	51.758	ug/l	97
38) Carbon Tetrachloride	7.899	117	132559	56.790	ug/l	97
39) Methylcyclohexane	9.185	83	132166	55.568	ug/l	94
40) Benzene	8.155	78	354482	54.055	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	153082	132.547	ug/l #	28
42) 1,2-Dichloroethane	8.234	62	118455	52.743	ug/l	95
43) Isopropyl Acetate	8.271	43	189588	51.744	ug/l	98
44) Trichloroethene	8.941	130	98760	53.920	ug/l	99
45) 1,2-Dichloropropane	9.216	63	99262	54.278	ug/l	97
46) Dibromomethane	9.301	93	62725	53.620	ug/l	94
47) Bromodichloromethane	9.496	83	140394	53.843	ug/l	96
48) Methyl methacrylate	9.289	41	83847	52.136	ug/l	91
49) 1,4-Dioxane	9.301	88	23549	1018.973	ug/l #	46
51) 4-Methyl-2-Pentanone	10.069	43	587421	258.664	ug/l	93
52) Toluene	10.246	92	229273	54.231	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	151277	54.102	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	162649	54.039	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	91479	53.362	ug/l	97
56) Ethyl methacrylate	10.508	69	136089	53.867	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	152552	53.064	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	200967	250.430	ug/l	97
59) 2-Hexanone	10.831	43	471155	270.418	ug/l	91
60) Dibromochloromethane	10.984	129	107460	53.698	ug/l	99
61) 1,2-Dibromoethane	11.087	107	87228	52.010	ug/l	100
64) Tetrachloroethene	10.721	164	104042	55.079	ug/l	97
65) Chlorobenzene	11.520	112	257330	53.545	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	102467	54.890	ug/l	98
67) Ethyl Benzene	11.593	91	462487	55.059	ug/l	99
68) m/p-Xylenes	11.703	106	353597	110.751	ug/l	97
69) o-Xylene	12.032	106	170977	54.613	ug/l	99
70) Styrene	12.044	104	298781	55.755	ug/l	96
71) Bromoform	12.209	173	74337	54.952	ug/l #	99
73) Isopropylbenzene	12.331	105	459308	54.380	ug/l	100
74) N-amyl acetate	12.148	43	167623	52.803	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	122004	51.902	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	161313	89.808	ug/l #	100
77) Bromobenzene	12.611	156	109705	52.914	ug/l	94
78) n-propylbenzene	12.672	91	562977	54.865	ug/l	99
79) 2-Chlorotoluene	12.758	91	315087	53.870	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	383868	54.288	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	43098	54.032	ug/l	94
82) 4-Chlorotoluene	12.855	91	325479	53.305	ug/l	99
83) tert-Butylbenzene	13.075	119	344258	55.588	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	385029	54.421	ug/l	99
85) sec-Butylbenzene	13.258	105	509089	54.930	ug/l	99
86) p-Isopropyltoluene	13.373	119	428037	55.289	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	220015	53.491	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	218125	53.024	ug/l	99
89) n-Butylbenzene	13.697	91	397796	54.263	ug/l	97
90) Hexachloroethane	13.965	117	82130	54.968	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	203814	53.679	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	23370	50.058	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	122675	51.322	ug/l	99
94) Hexachlorobutadiene	15.117	225	63879	52.185	ug/l	98
95) Naphthalene	15.239	128	321353	51.558	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	113091	51.260	ug/l	99

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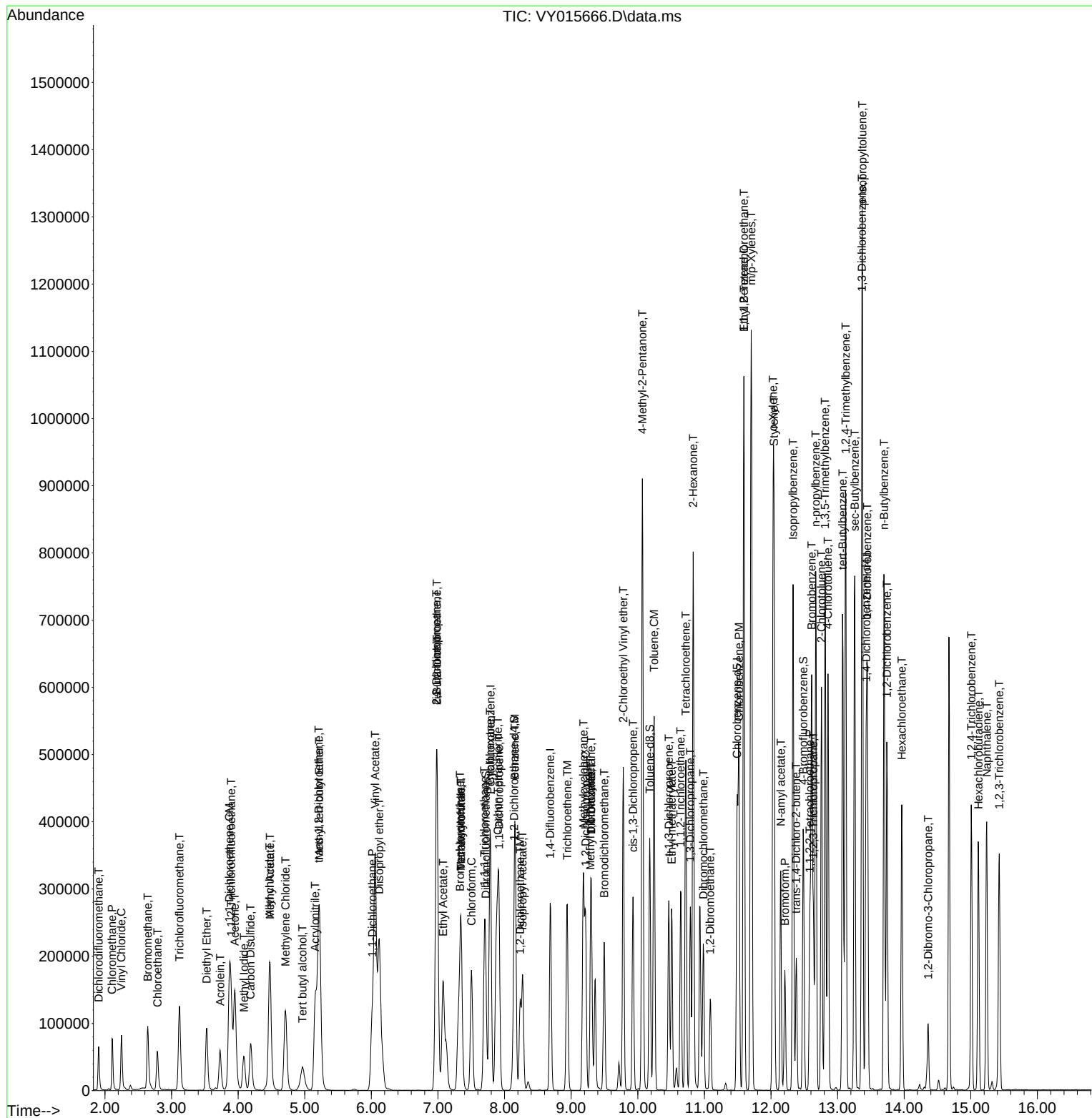
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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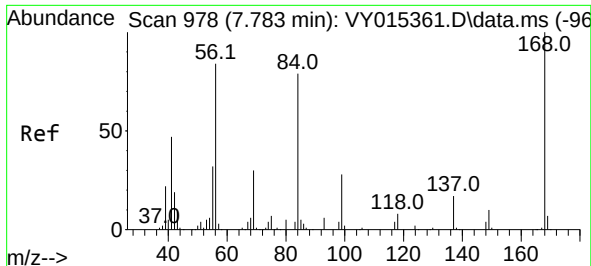
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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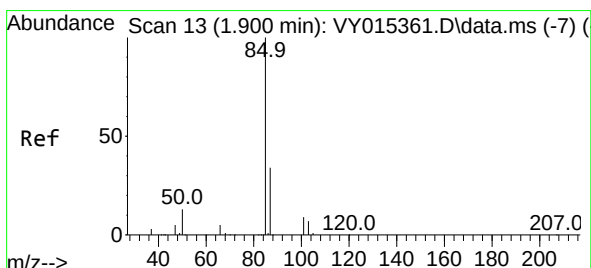
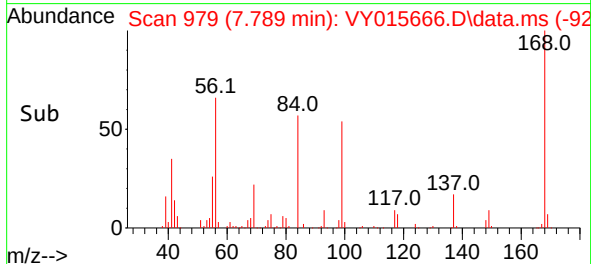
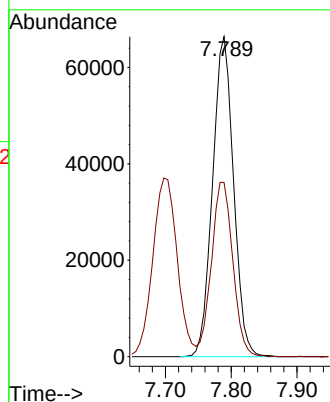
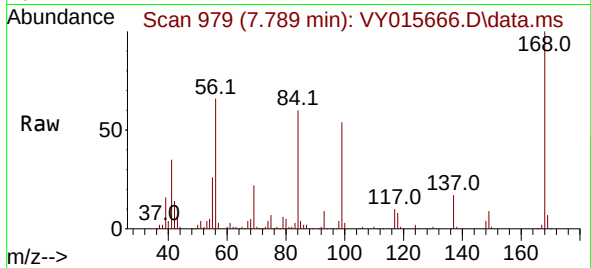




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015666.D
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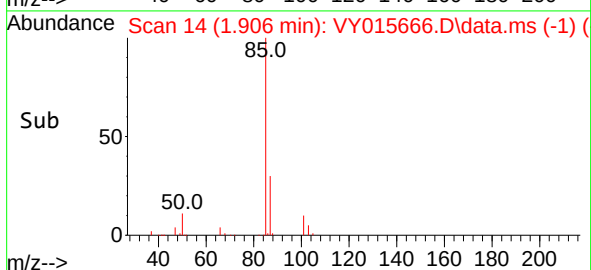
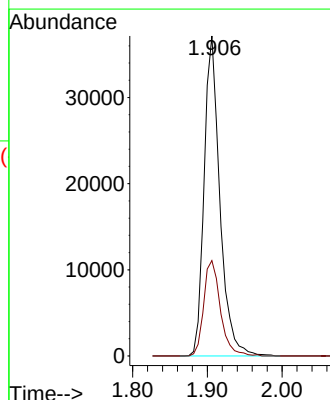
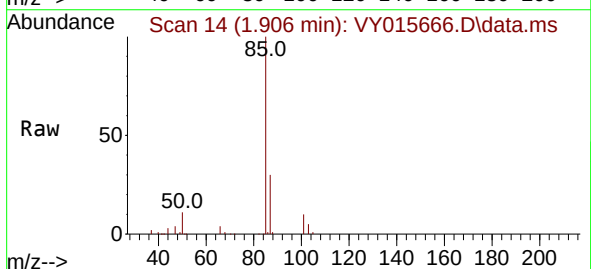
Instrument :
MSVOA_Y
ClientSampleId :

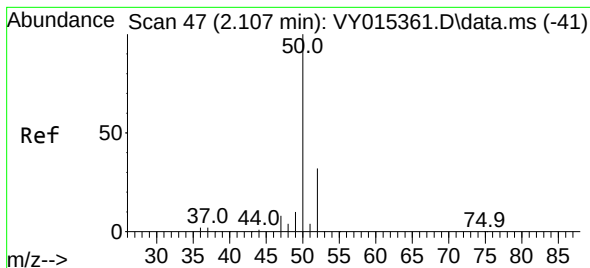
Tgt Ion:168 Resp: 147593
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 55.844 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion: 85 Resp: 54329
Ion Ratio Lower Upper
85 100
87 29.8 15.6 46.8





#3

Chloromethane

Concen: 54.774 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

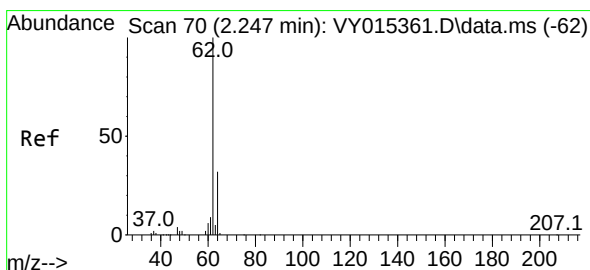
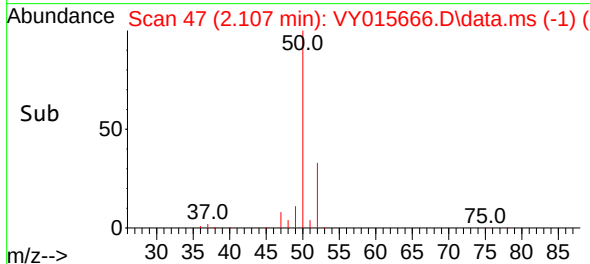
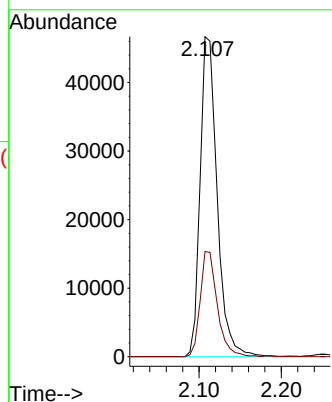
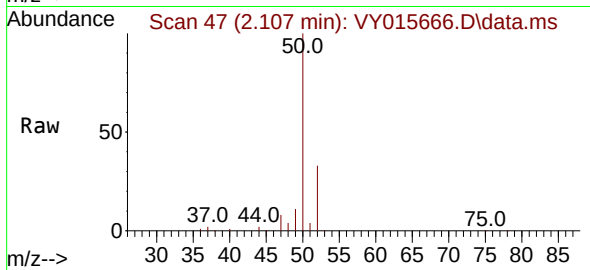
ClientSampleId :

Tgt Ion: 50 Resp: 67228

Ion Ratio Lower Upper

50 100

52 32.9 25.4 38.2



#4

Vinyl Chloride

Concen: 56.951 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY015666.D

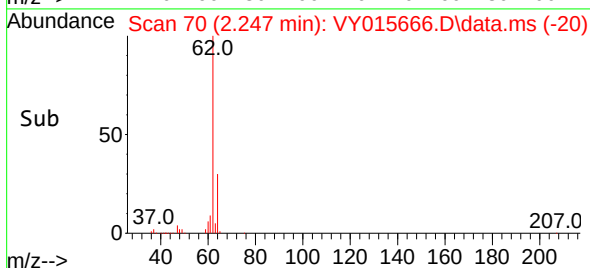
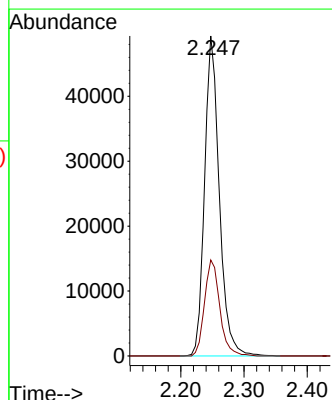
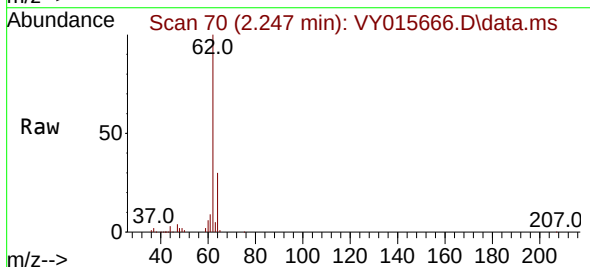
Acq: 21 Sep 2023 09:32

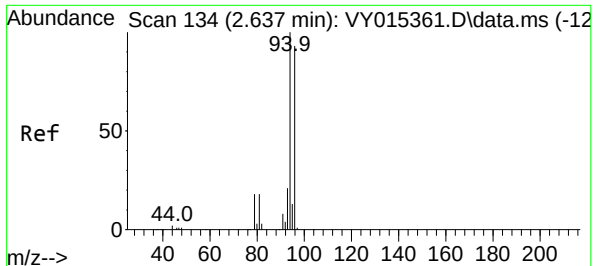
Tgt Ion: 62 Resp: 79921

Ion Ratio Lower Upper

62 100

64 30.0 24.3 36.5





#5

Bromomethane

Concen: 51.765 ug/l

RT: 2.644 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

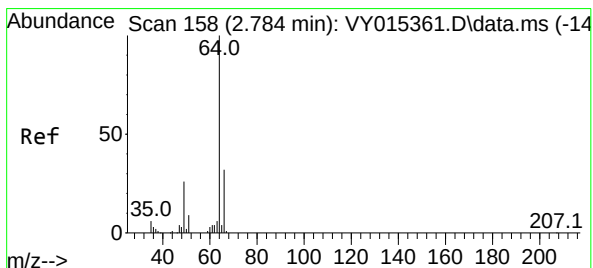
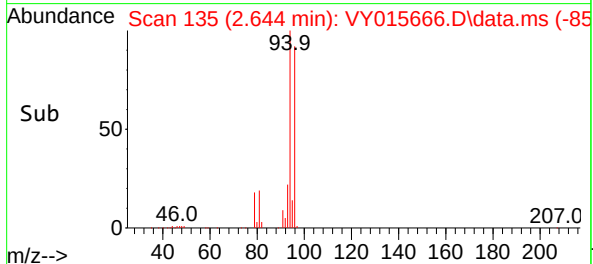
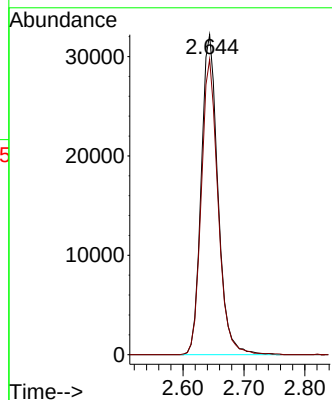
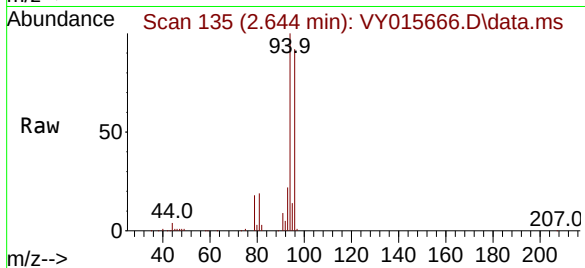
ClientSampleId :

Tgt Ion: 94 Resp: 61470

Ion Ratio Lower Upper

94 100

96 92.3 75.8 113.6



#6

Chloroethane

Concen: 55.587 ug/l

RT: 2.790 min Scan# 159

Delta R.T. 0.006 min

Lab File: VY015666.D

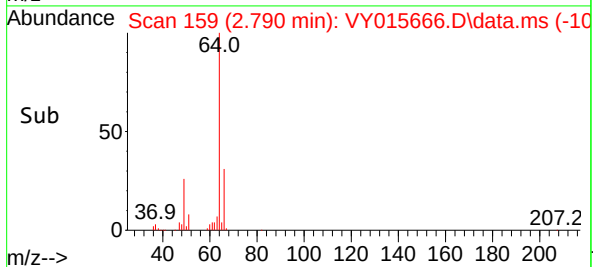
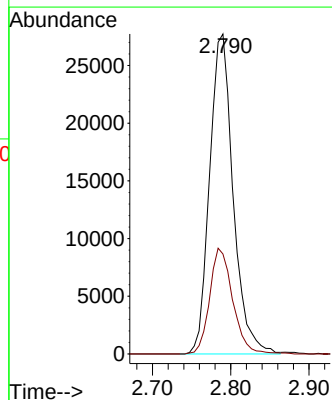
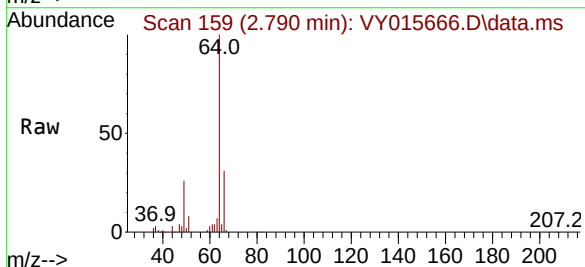
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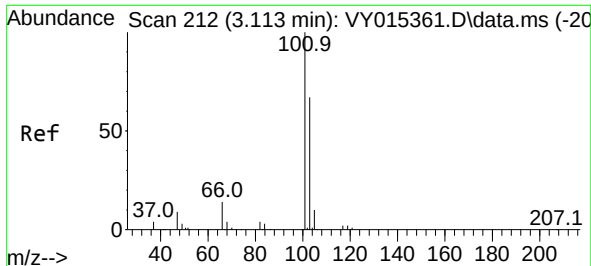
Tgt Ion: 64 Resp: 57819

Ion Ratio Lower Upper

64 100

66 31.2 24.4 36.6

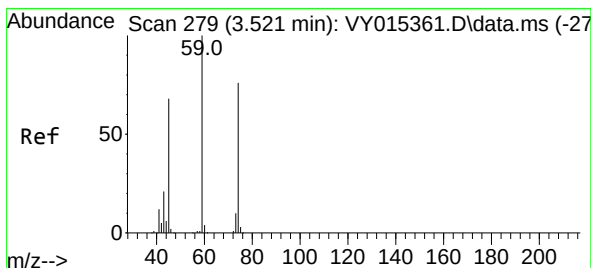
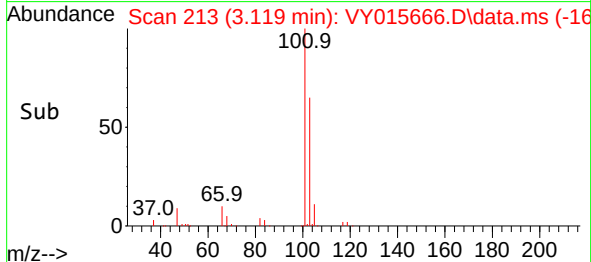
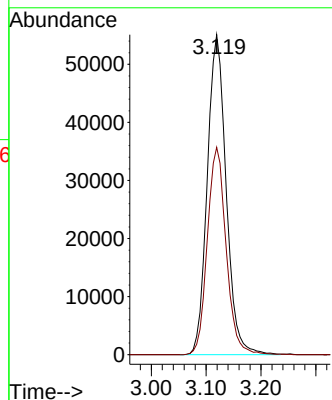
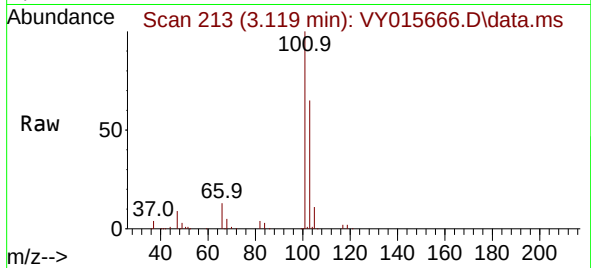




#7
 Trichlorofluoromethane
 Concen: 55.926 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY015666.D
 Acq: 21 Sep 2023 09:32

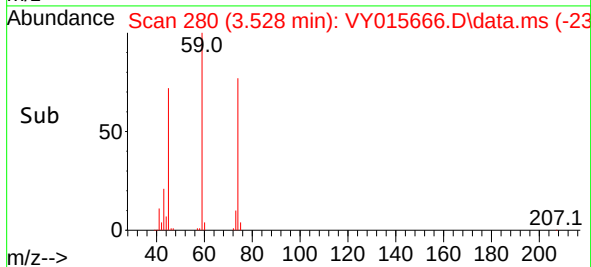
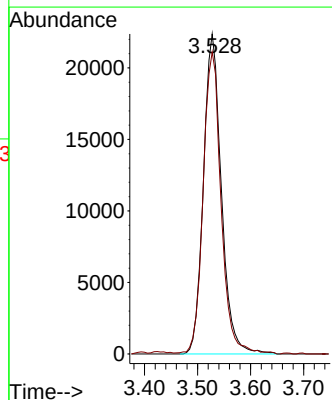
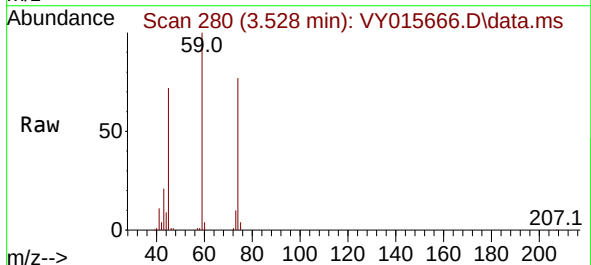
Instrument :
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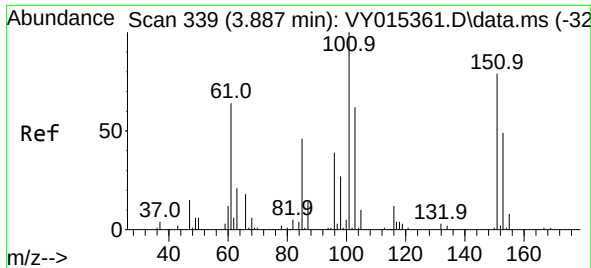
Tgt Ion:101 Resp: 131620
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.0



#8
 Diethyl Ether
 Concen: 52.398 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.007 min
 Lab File: VY015666.D
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Tgt Ion: 74 Resp: 52588
 Ion Ratio Lower Upper
 74 100
 45 94.6 51.5 154.5

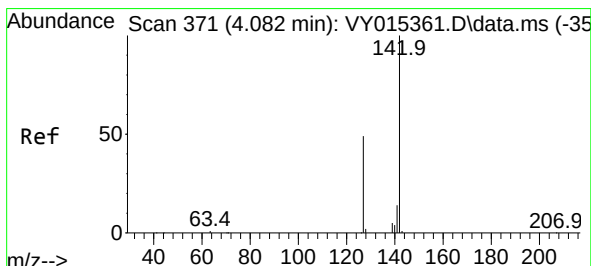
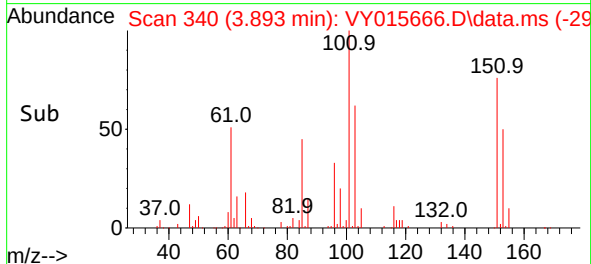
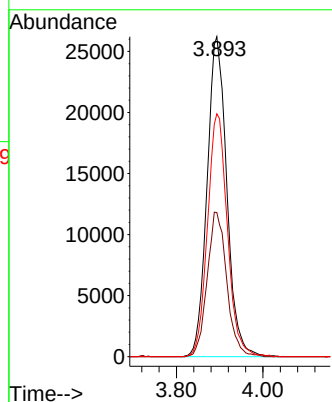
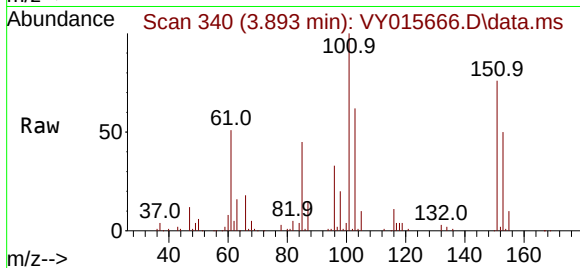




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.260 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

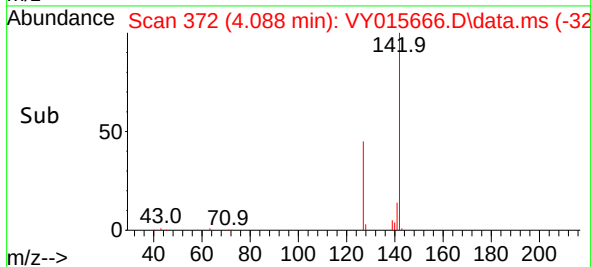
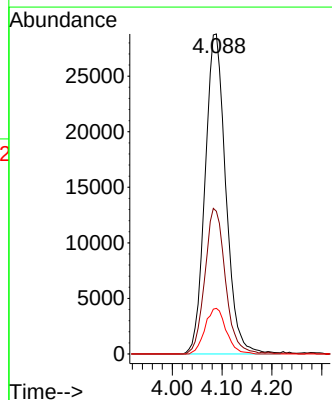
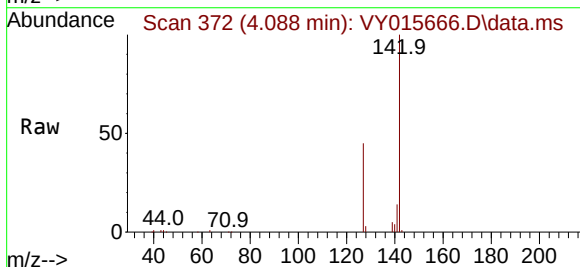
Instrument :
MSVOA_Y
ClientSampleId :

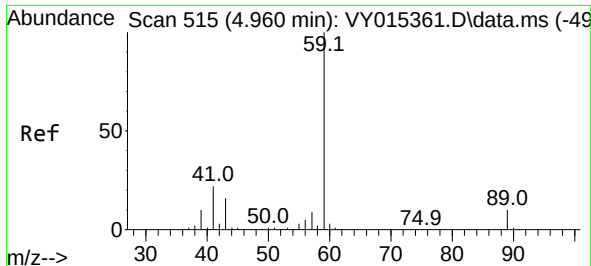
Tgt Ion:101 Resp: 82902
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 76.5 67.0 100.6



#10
Methyl Iodide
Concen: 48.067 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion:142 Resp: 83096
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 14.6 11.8 17.8

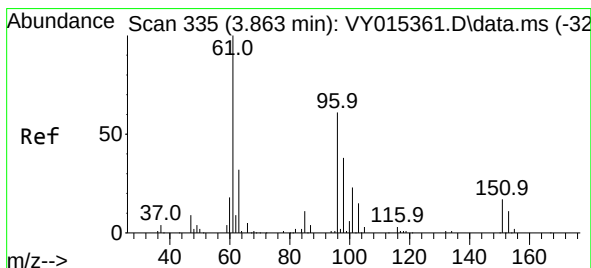
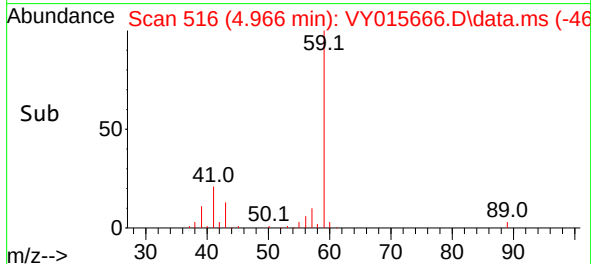
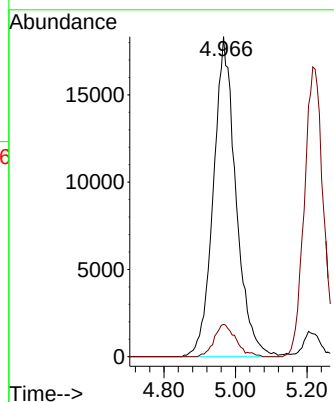
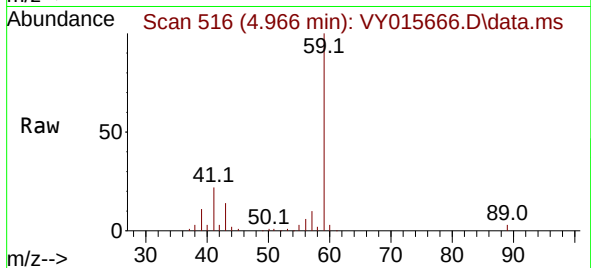




#11
Tert butyl alcohol
Concen: 238.948 ug/l
RT: 4.966 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

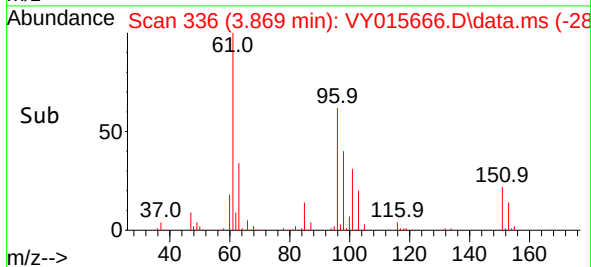
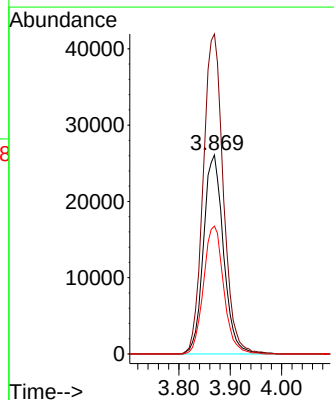
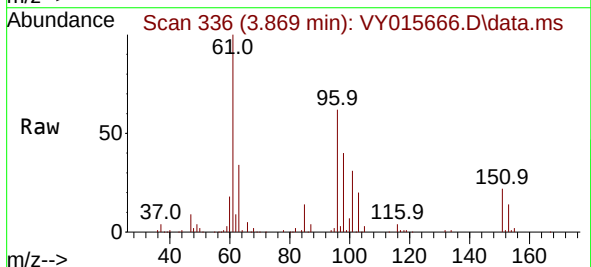
Instrument :
MSVOA_Y
ClientSampleId :

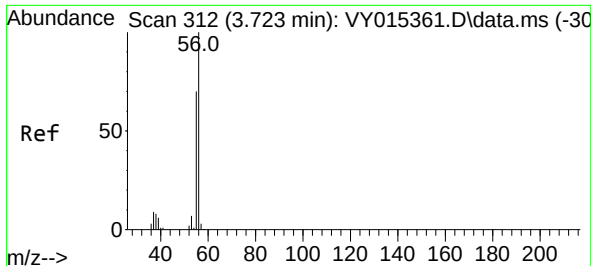
Tgt Ion: 59 Resp: 80408
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 54.251 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion: 96 Resp: 70443
Ion Ratio Lower Upper
96 100
61 160.8 136.4 204.6
98 64.3 49.4 74.2





#13

Acrolein

Concen: 289.036 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

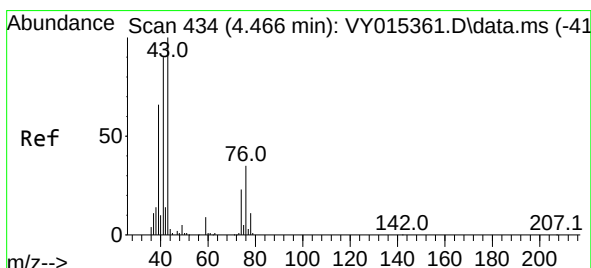
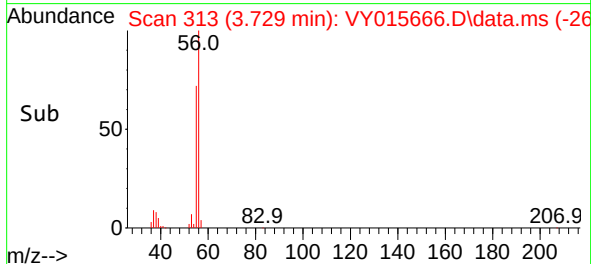
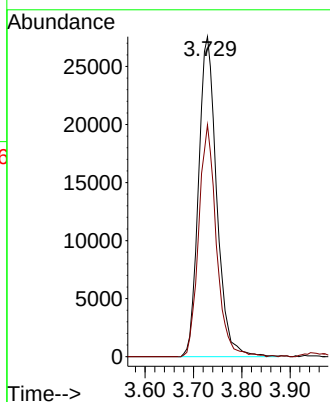
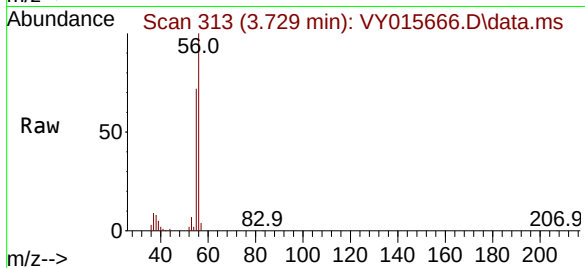
ClientSampleId :

Tgt Ion: 56 Resp: 71884

Ion Ratio Lower Upper

56 100

55 70.5 57.0 85.4



#14

Allyl chloride

Concen: 53.630 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.001 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

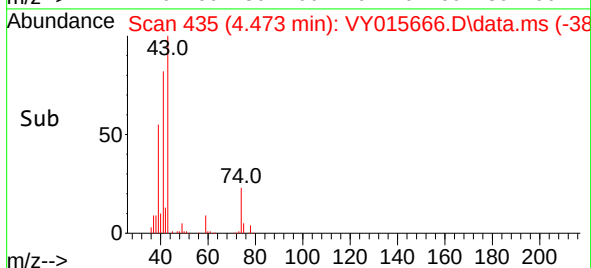
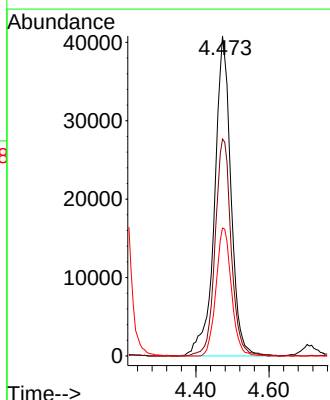
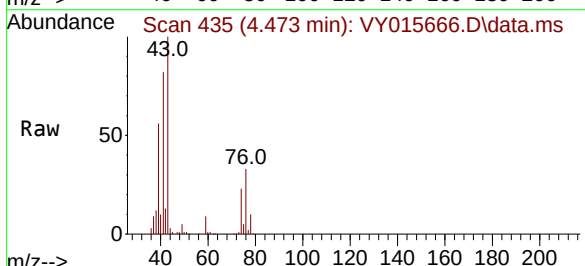
Tgt Ion: 41 Resp: 127321

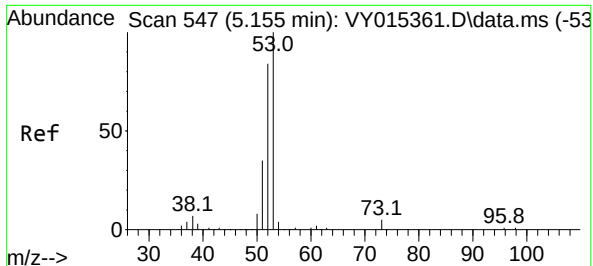
Ion Ratio Lower Upper

41 100

39 66.3 58.0 87.0

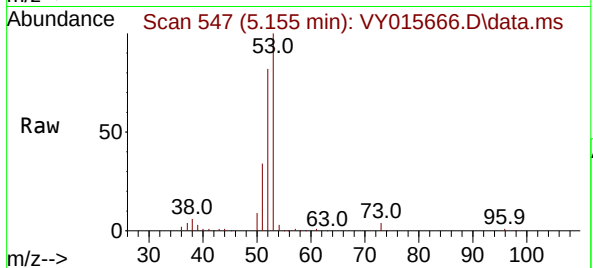
76 37.6 27.4 41.2



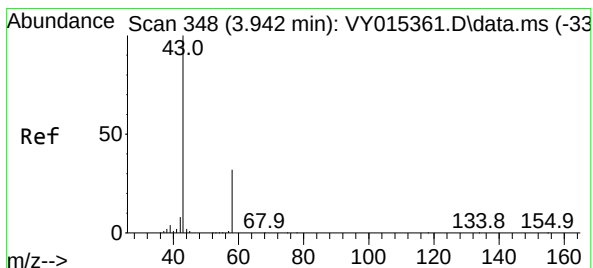
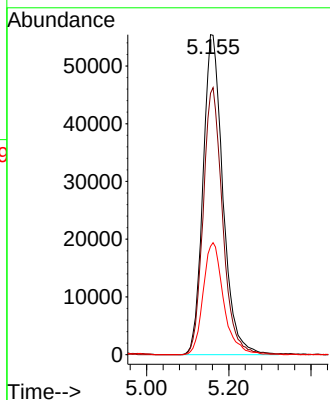
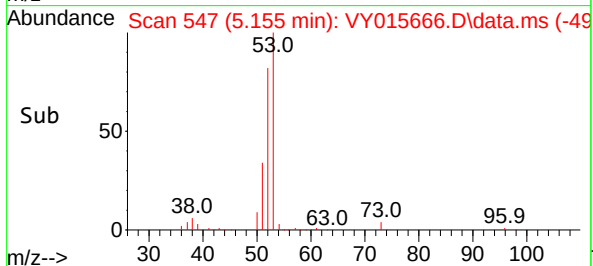


#15
Acrylonitrile
Concen: 252.944 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Instrument :
MSVOA_Y
ClientSampleId :

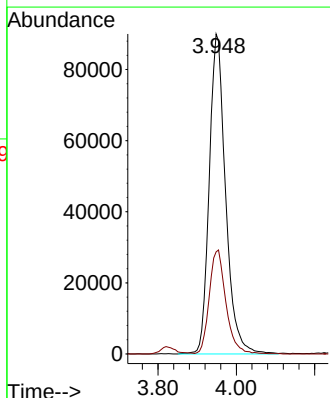
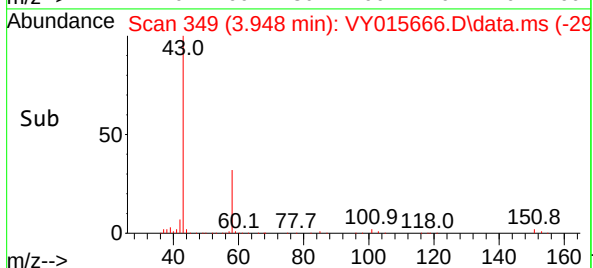
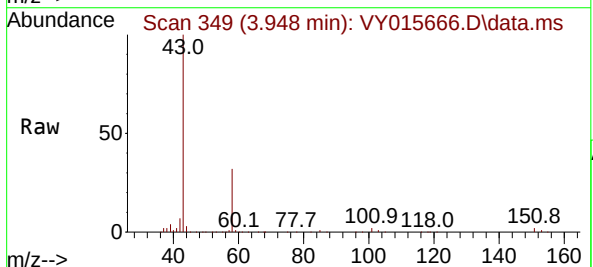


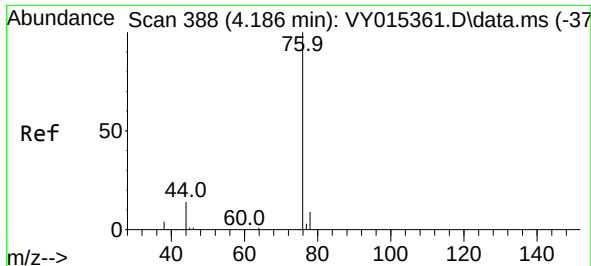
Tgt Ion: 53 Resp: 186228
Ion Ratio Lower Upper
53 100
52 81.6 66.9 100.3
51 36.1 29.8 44.6



#16
Acetone
Concen: 299.684 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion: 43 Resp: 260443
Ion Ratio Lower Upper
43 100
58 31.8 22.7 34.1

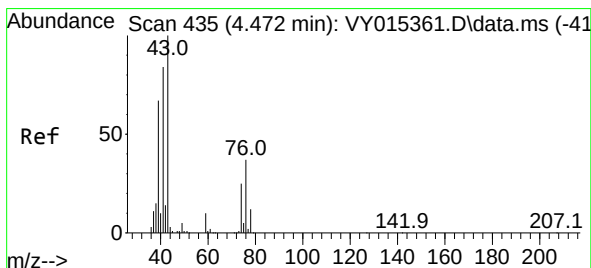
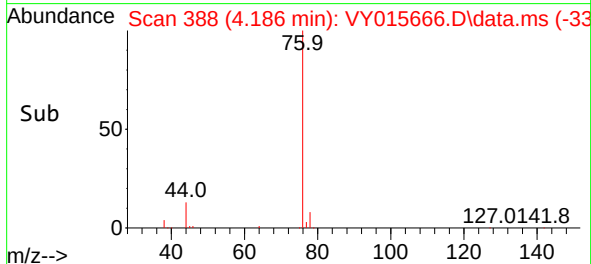
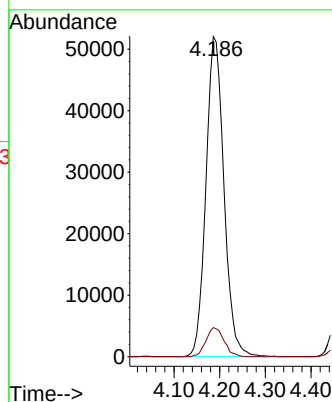
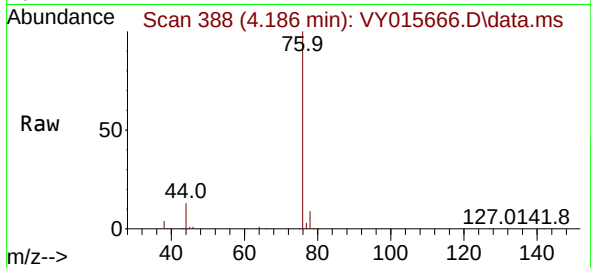




#17
Carbon Disulfide
Concen: 56.513 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

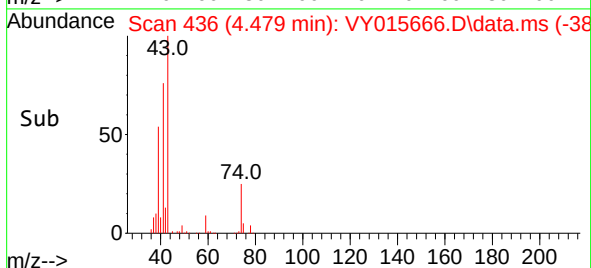
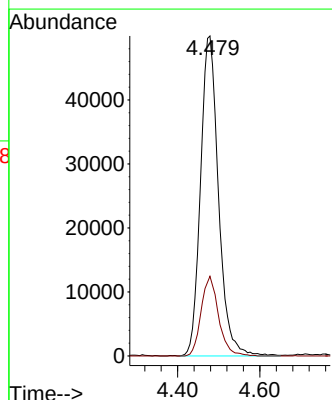
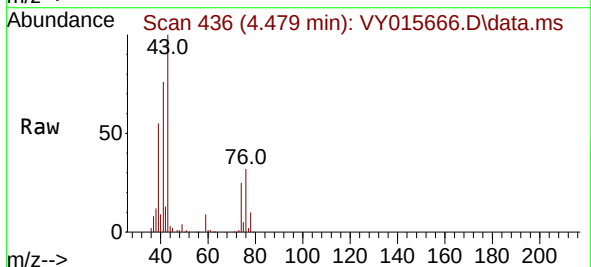
Instrument :
MSVOA_Y
ClientSampleId :

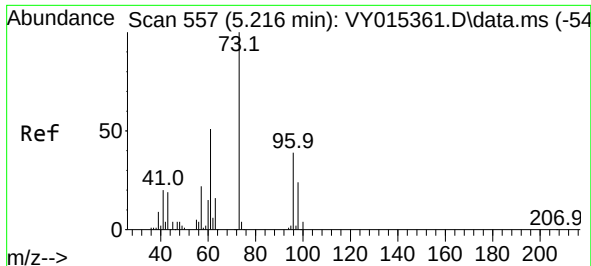
Tgt Ion: 76 Resp: 142555
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 52.059 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion: 43 Resp: 151797
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 51.687 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

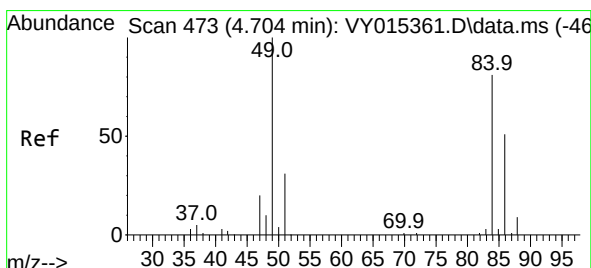
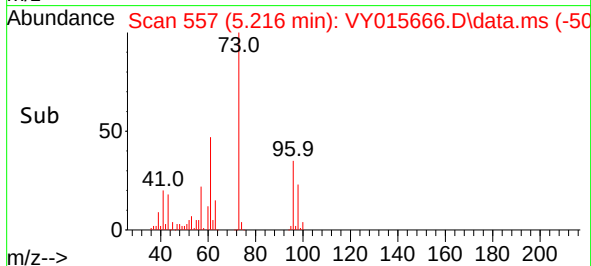
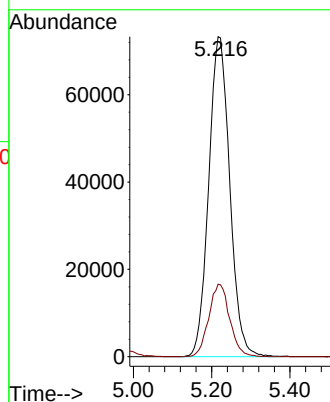
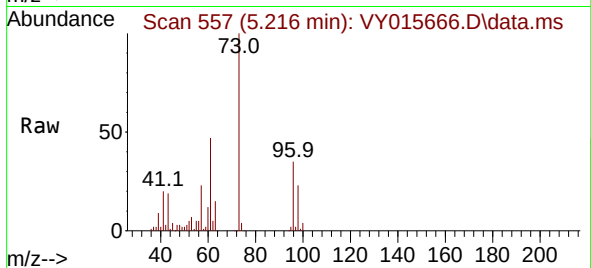
ClientSampleId :

Tgt Ion: 73 Resp: 273344

Ion Ratio Lower Upper

73 100

57 22.7 17.3 25.9



#20

Methylene Chloride

Concen: 48.173 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Tgt Ion: 84 Resp: 92021

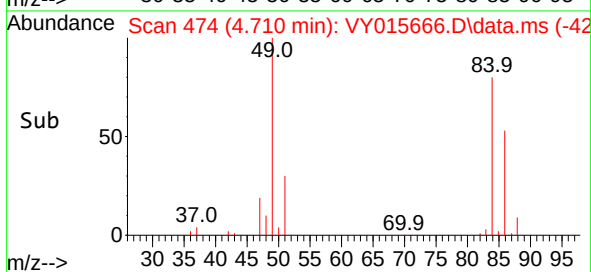
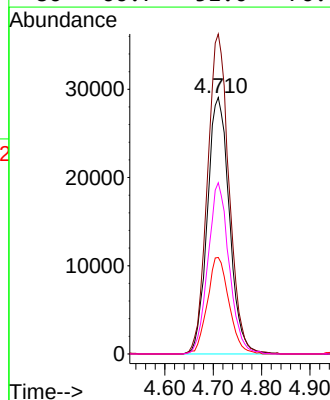
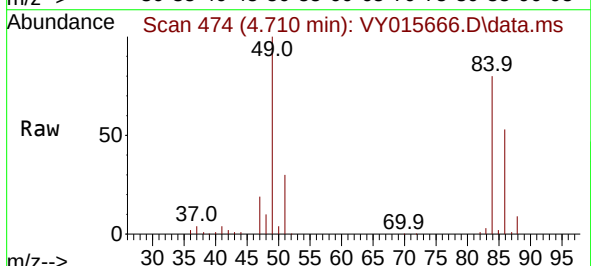
Ion Ratio Lower Upper

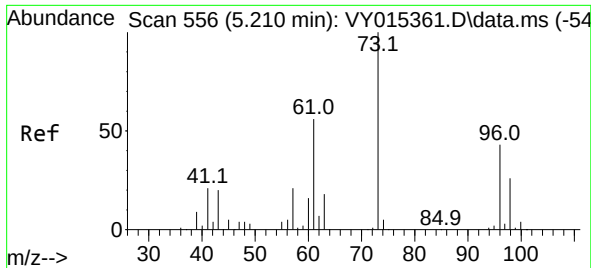
84 100

49 124.8 106.9 160.3

51 37.6 33.2 49.8

86 66.7 51.0 76.6

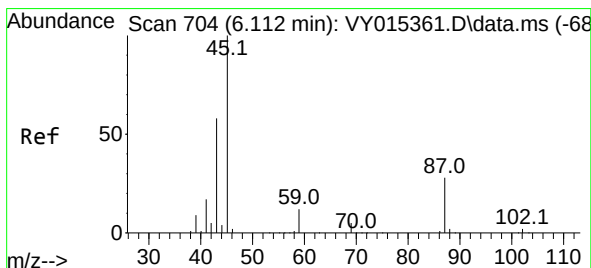
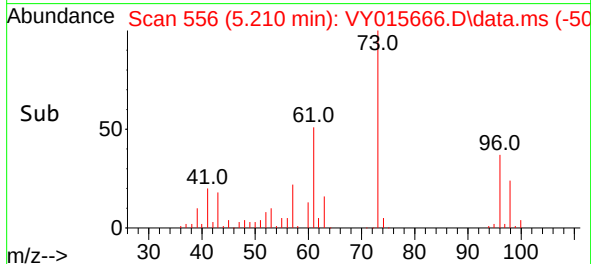
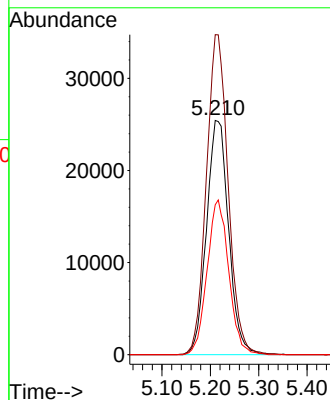
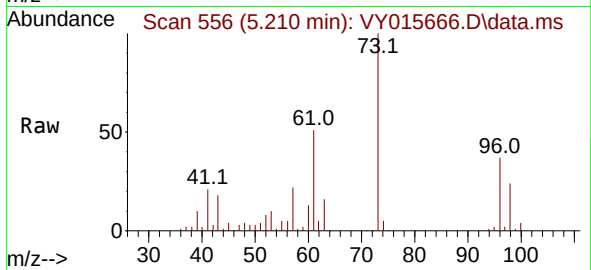




#21
trans-1,2-Dichloroethene
Concen: 54.327 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

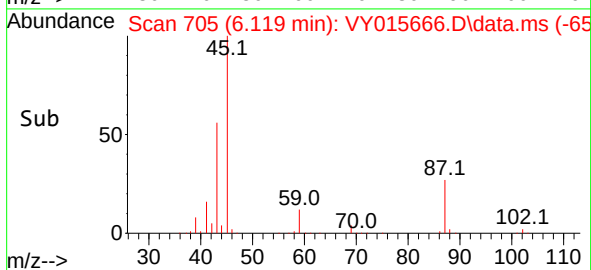
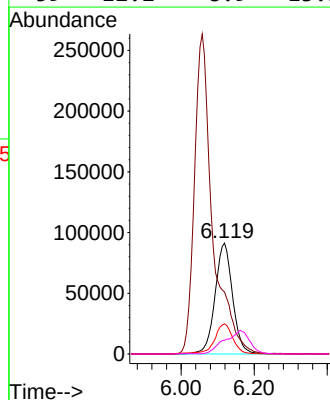
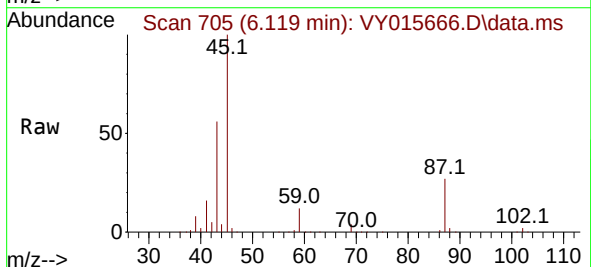
Instrument :
MSVOA_Y
ClientSampleId :

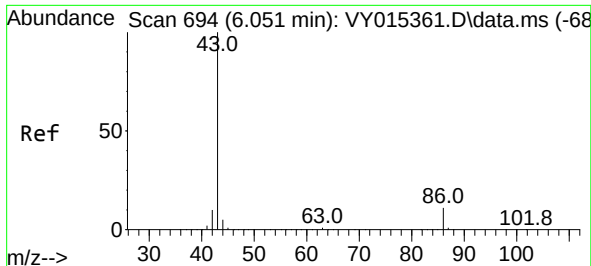
Tgt Ion: 96 Resp: 80630
Ion Ratio Lower Upper
96 100
61 136.3 110.2 165.4
98 64.0 51.8 77.6



#22
Diisopropyl ether
Concen: 53.064 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.007 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion: 45 Resp: 303181
Ion Ratio Lower Upper
45 100
43 55.3 52.2 78.4
87 27.2 21.0 31.6
59 12.2 8.9 13.3

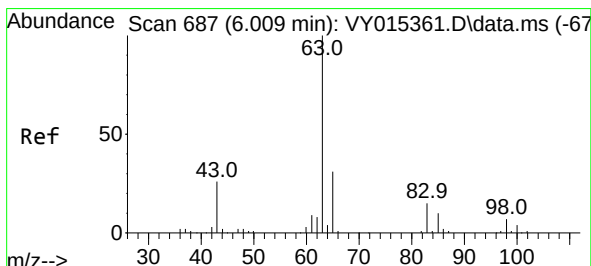
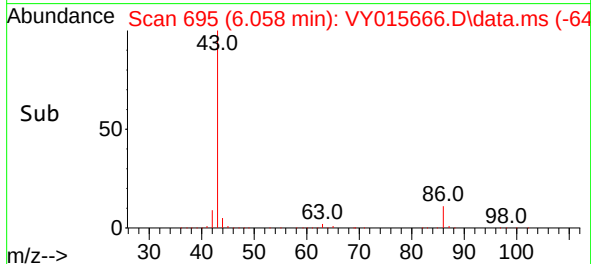
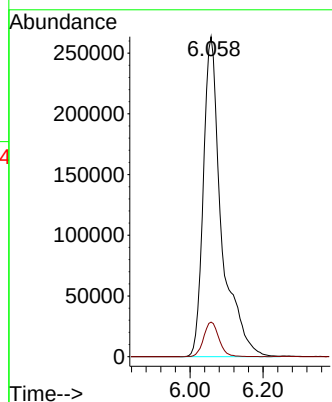
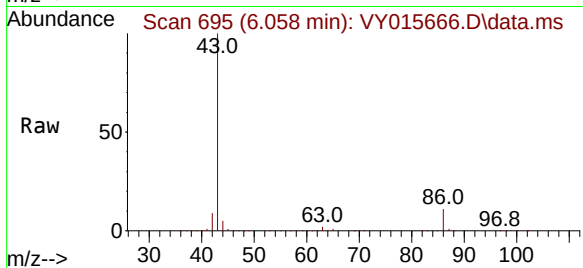




#23
 Vinyl Acetate
 Concen: 258.131 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.007 min
 Lab File: VY015666.D
 Acq: 21 Sep 2023 09:32

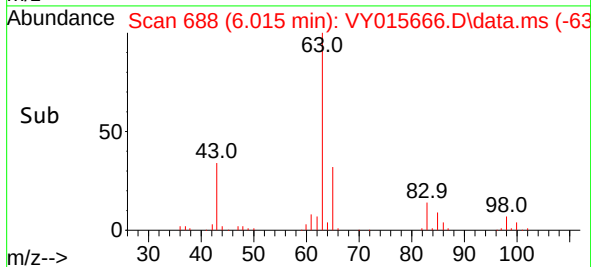
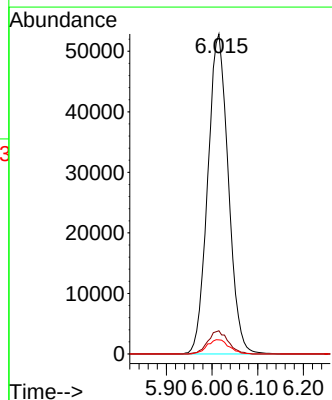
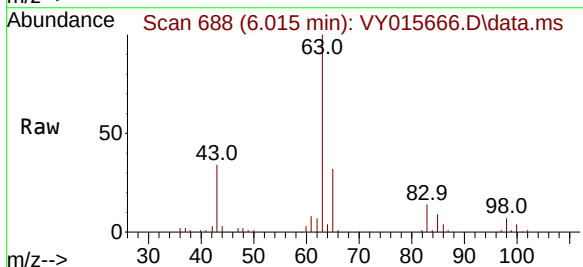
Instrument :
 MSVOA_Y
 ClientSampleId :

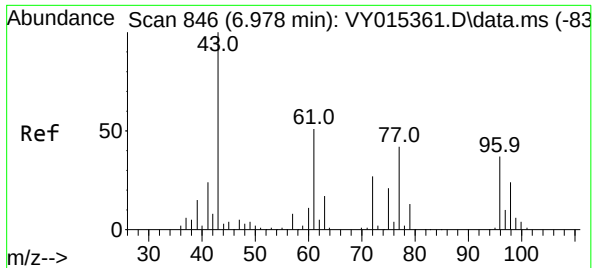
Tgt Ion: 43 Resp: 910306
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 52.984 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.012 min
 Lab File: VY015666.D
 Acq: 21 Sep 2023 09:32

Tgt Ion: 63 Resp: 165003
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 261.199 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

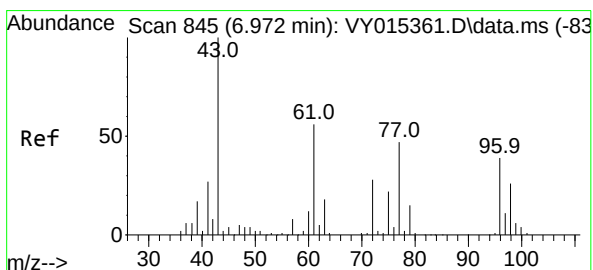
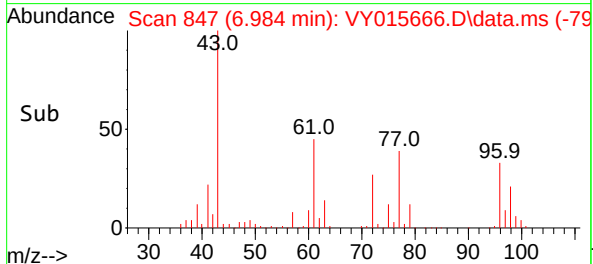
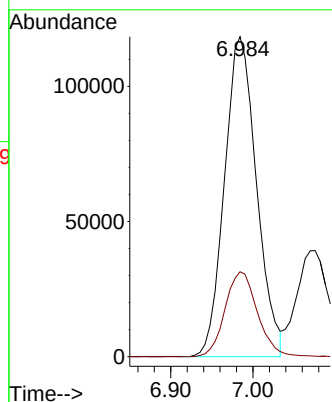
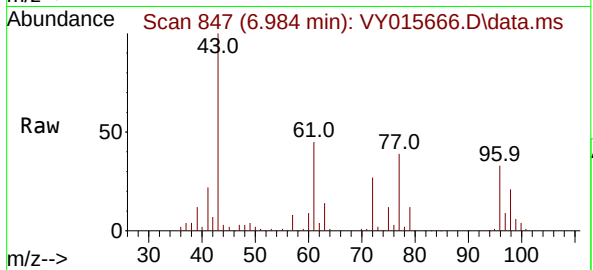
ClientSampleId :

Tgt Ion: 43 Resp: 320852

Ion Ratio Lower Upper

43 100

72 26.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 50.907 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015666.D

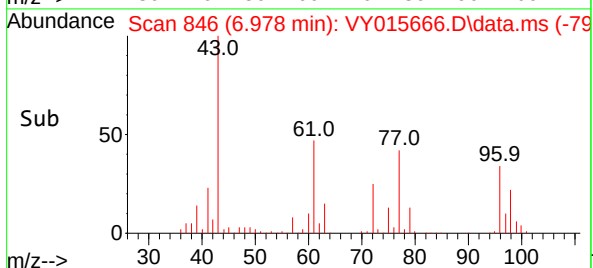
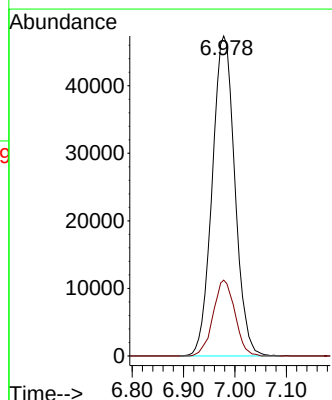
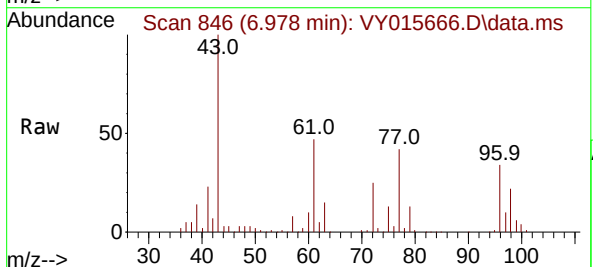
Acq: 21 Sep 2023 09:32

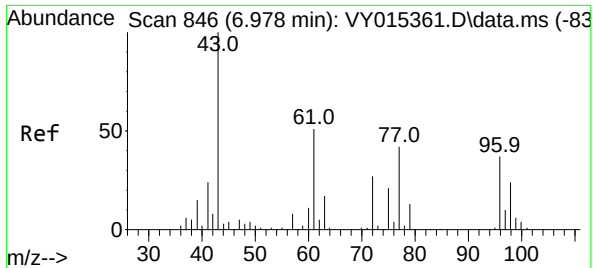
Tgt Ion: 77 Resp: 144898

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 53.333 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

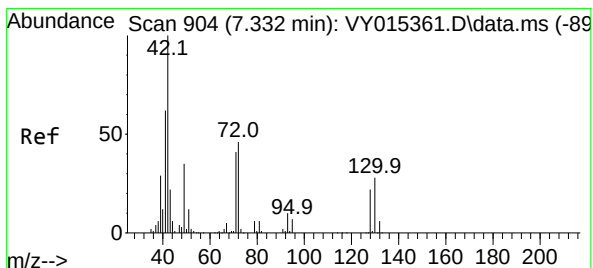
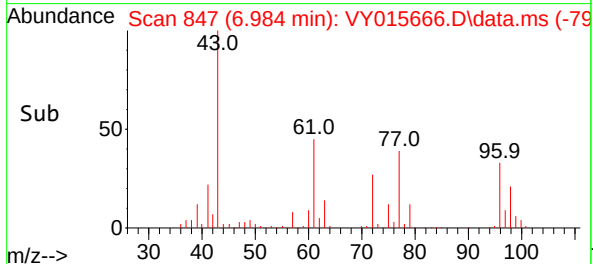
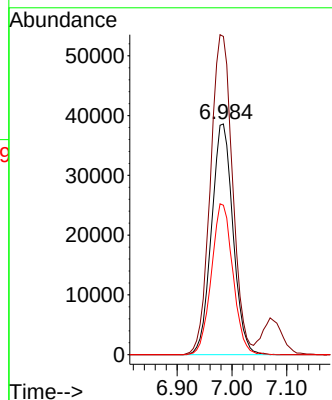
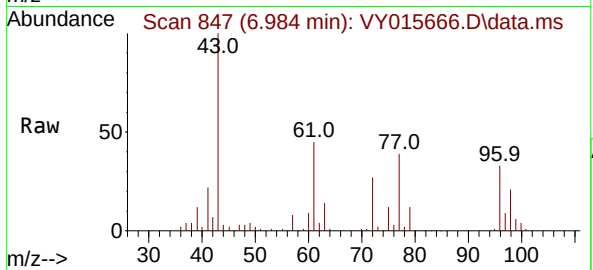
Tgt Ion: 96 Resp: 105084

Ion Ratio Lower Upper

96 100

61 142.8 0.0 301.4

98 65.3 0.0 130.4



#28

Bromochloromethane

Concen: 48.462 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

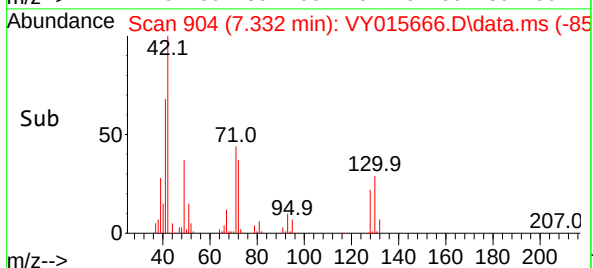
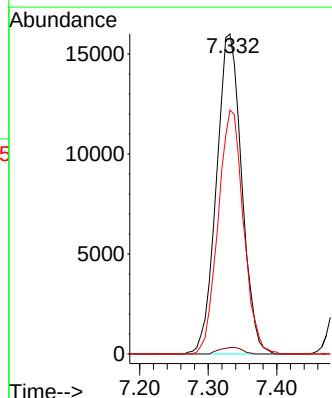
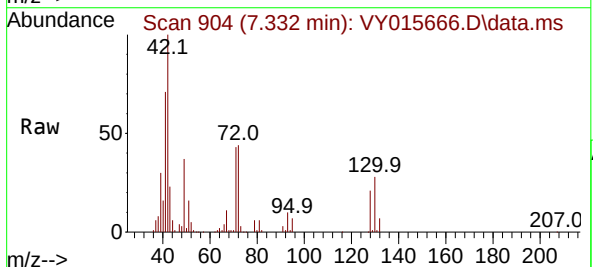
Tgt Ion: 49 Resp: 40946

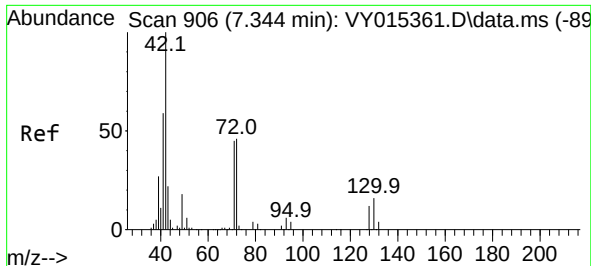
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 76.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 248.726 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

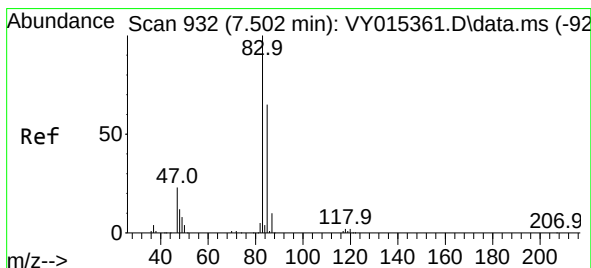
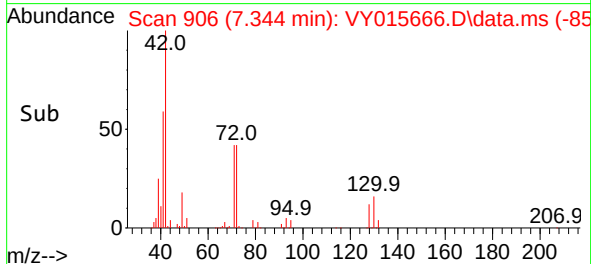
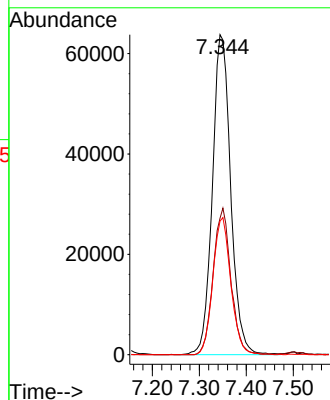
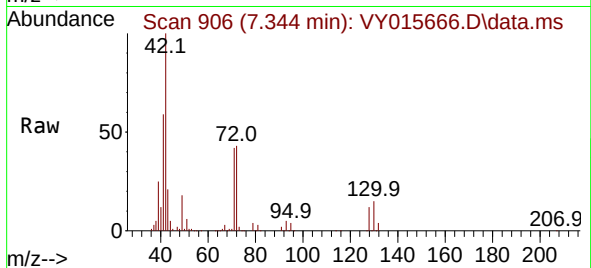
Tgt Ion: 42 Resp: 172689

Ion Ratio Lower Upper

42 100

72 44.4 32.8 49.2

71 42.1 31.0 46.4



#30

Chloroform

Concen: 52.514 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY015666.D

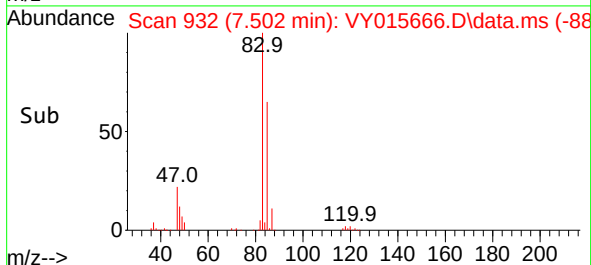
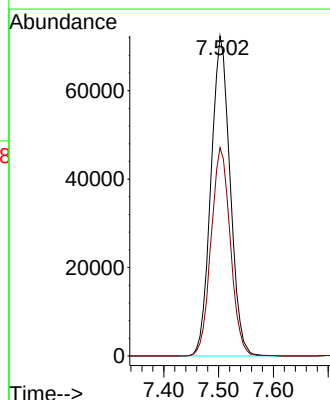
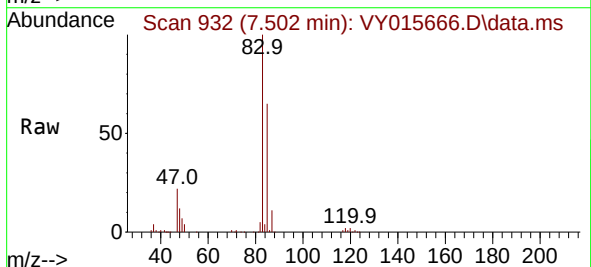
Acq: 21 Sep 2023 09:32

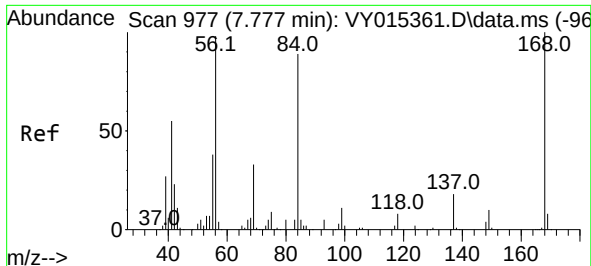
Tgt Ion: 83 Resp: 175134

Ion Ratio Lower Upper

83 100

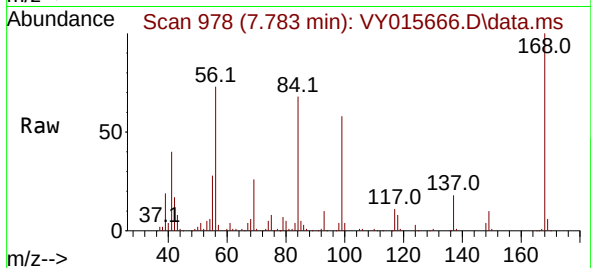
85 65.1 49.7 74.5



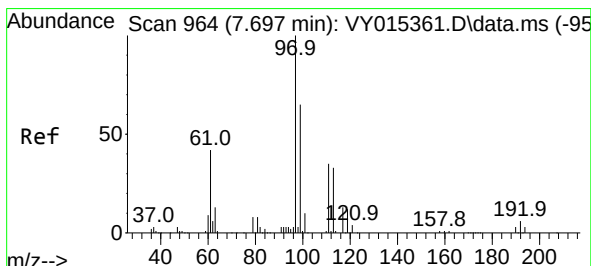
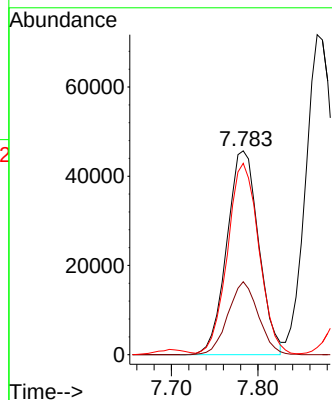
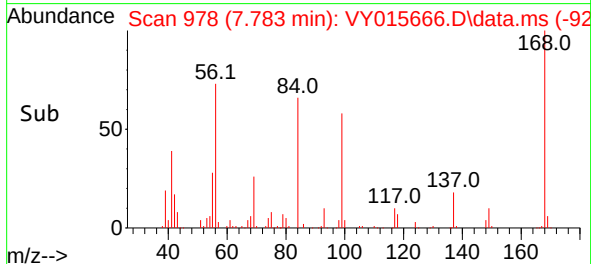


#31
Cyclohexane
Concen: 51.947 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

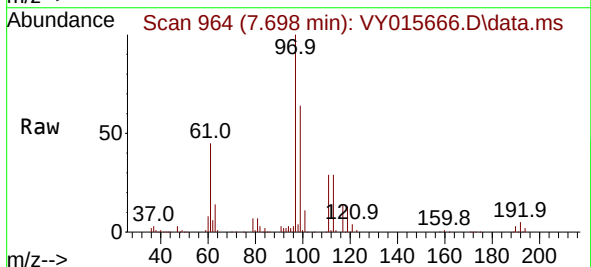
Instrument :
MSVOA_Y
ClientSampleId :



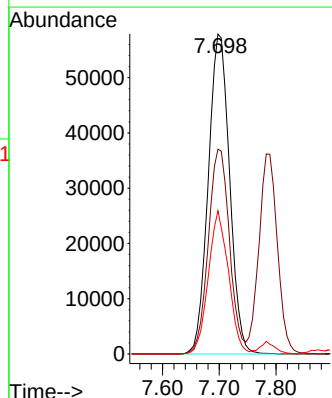
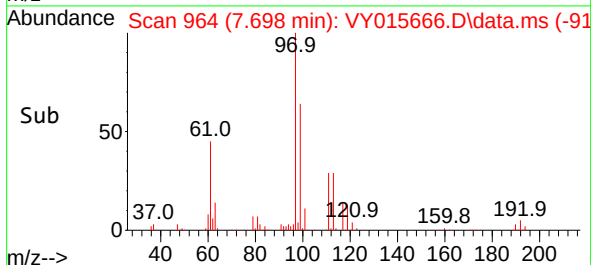
Tgt Ion: 56 Resp: 116861
Ion Ratio Lower Upper
56 100
69 35.8 27.8 41.6
84 91.8 66.4 99.6

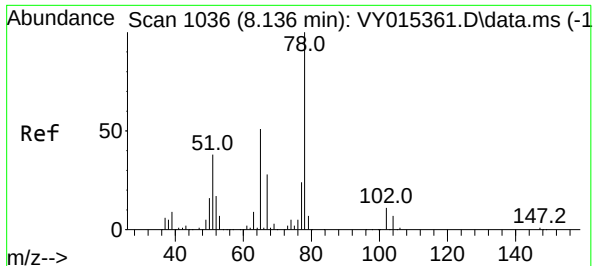


#32
1,1,1-Trichloroethane
Concen: 54.901 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.007 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32



Tgt Ion: 97 Resp: 151148
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 42.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.628 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

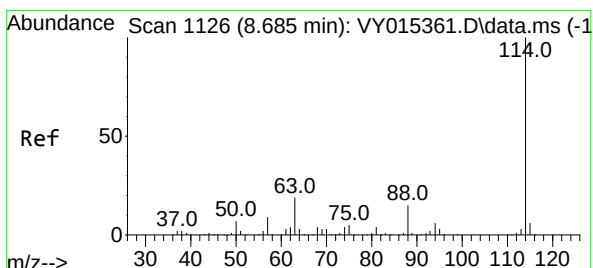
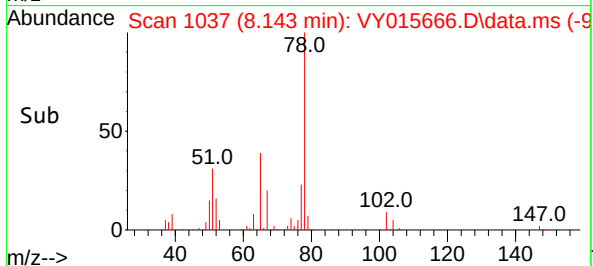
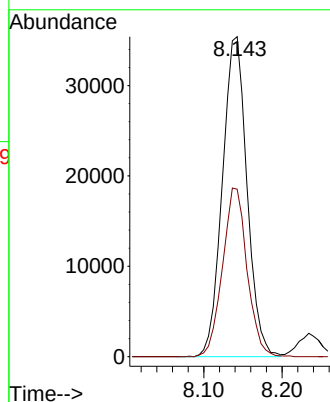
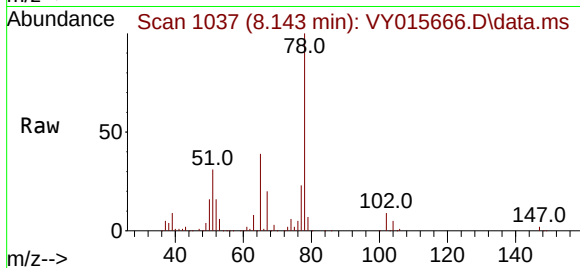
ClientSampleId :

Tgt Ion: 65 Resp: 77344

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

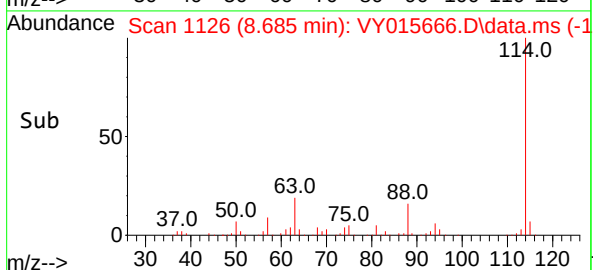
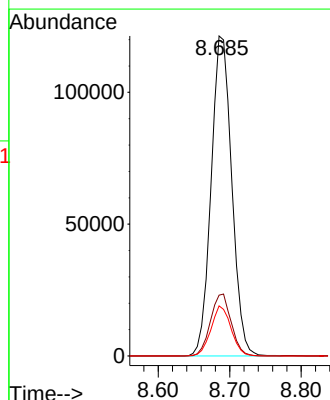
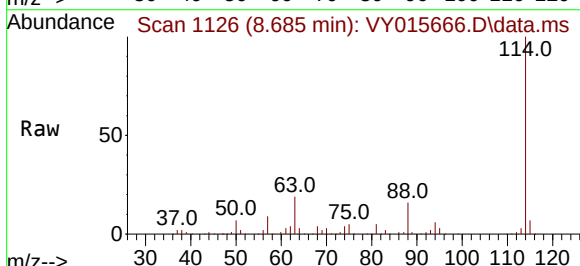
Tgt Ion: 114 Resp: 242989

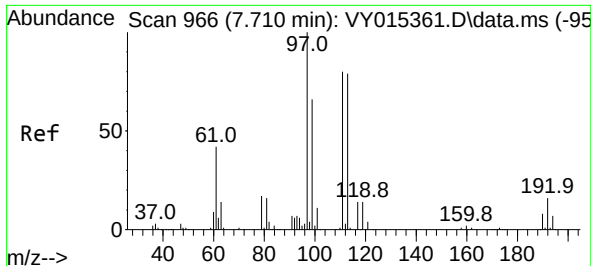
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.6 0.0 30.6

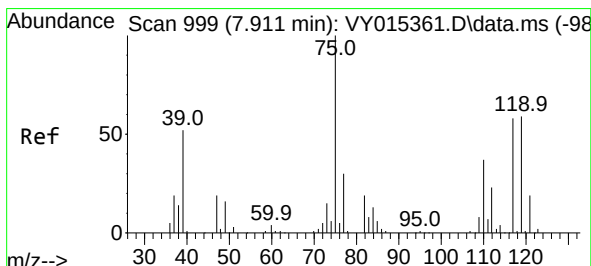
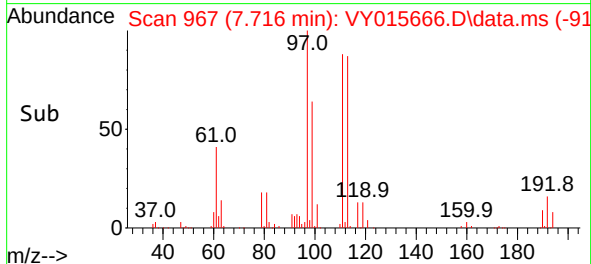
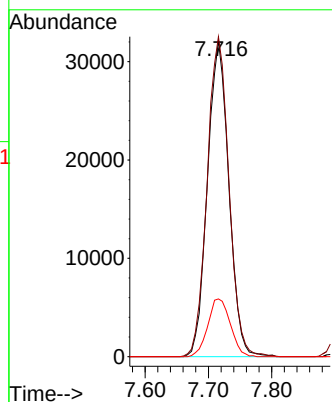
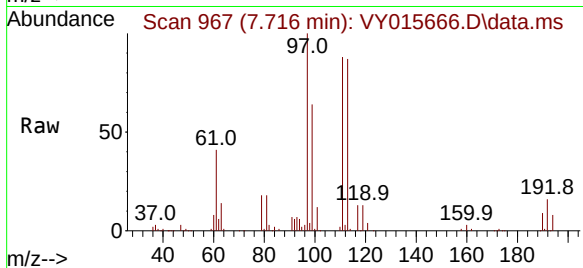




#35
Dibromofluoromethane
Concen: 51.906 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

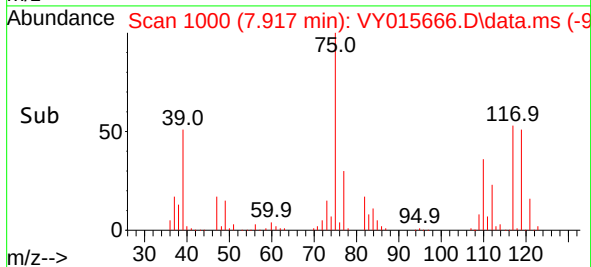
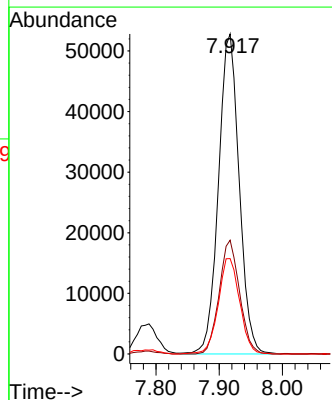
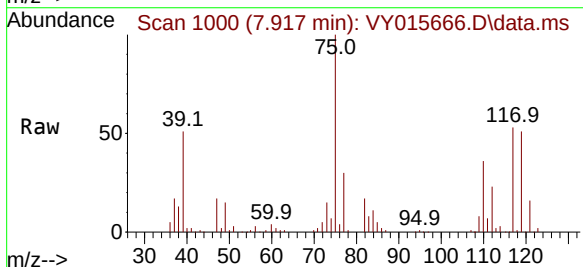
Instrument :
MSVOA_Y
ClientSampleId :

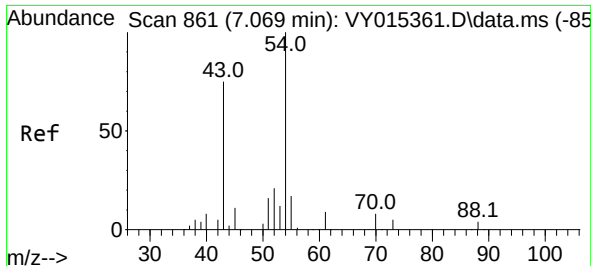
Tgt Ion:113 Resp: 75491
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 55.712 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion: 75 Resp: 119803
Ion Ratio Lower Upper
75 100
110 35.0 17.8 53.5
77 30.9 24.4 36.6

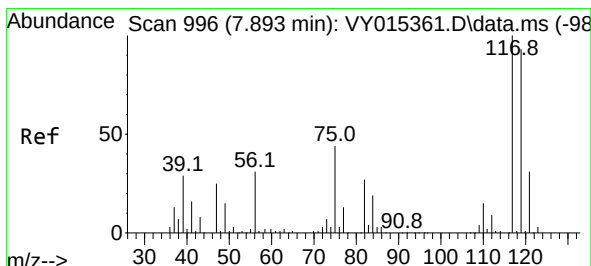
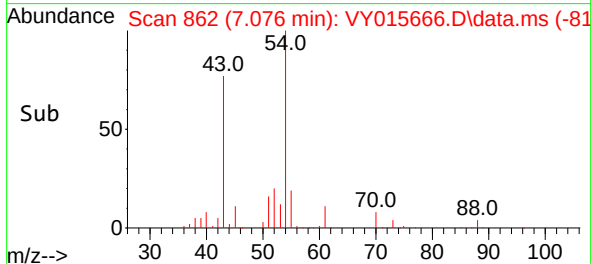
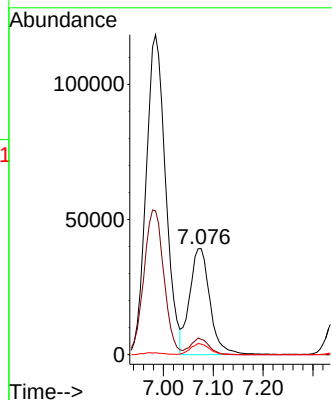
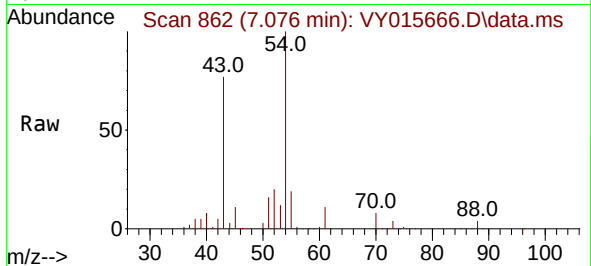




#37
Ethyl Acetate
Concen: 51.758 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.013 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

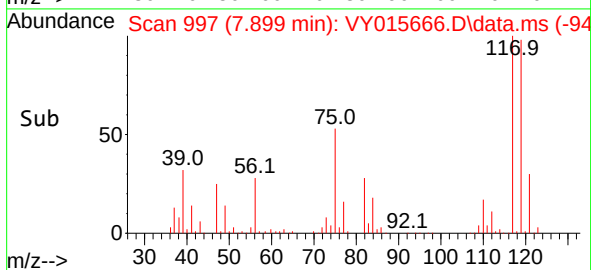
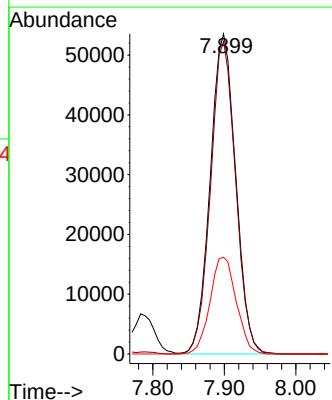
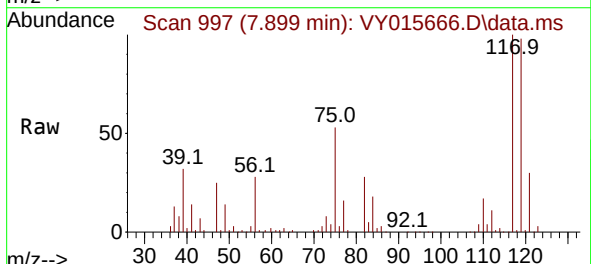
Instrument :
MSVOA_Y
ClientSampleId :

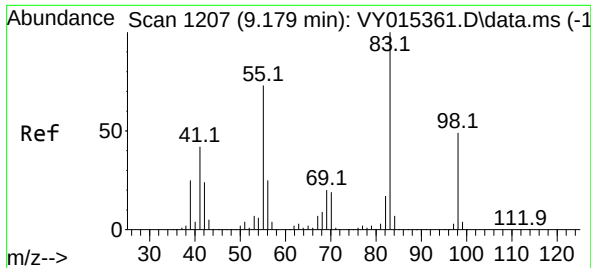
Tgt Ion: 43 Resp: 111018
Ion Ratio Lower Upper
43 100
61 14.0 10.1 15.1
70 9.7 7.1 10.7



#38
Carbon Tetrachloride
Concen: 56.790 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion: 117 Resp: 132559
Ion Ratio Lower Upper
117 100
119 97.7 76.4 114.6
121 30.2 25.8 38.6





#39

Methylcyclohexane

Concen: 55.568 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

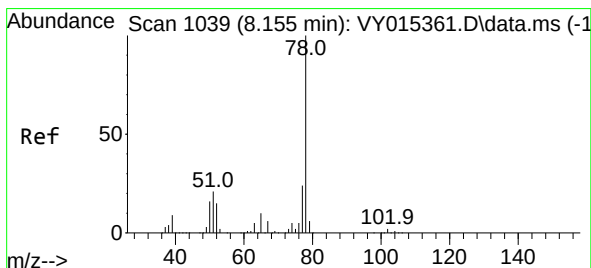
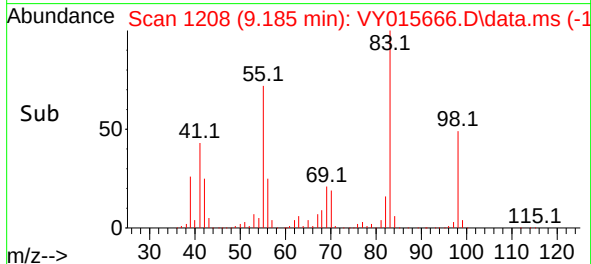
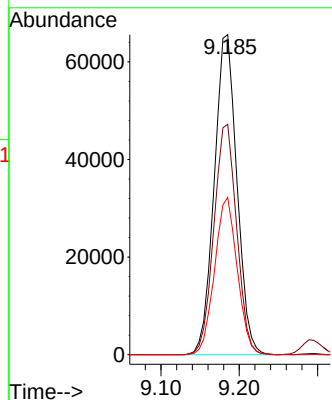
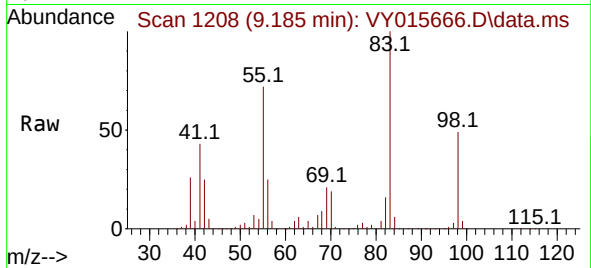
Tgt Ion: 83 Resp: 132166

Ion Ratio Lower Upper

83 100

55 72.0 63.0 94.4

98 49.1 37.4 56.2



#40

Benzene

Concen: 54.055 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015666.D

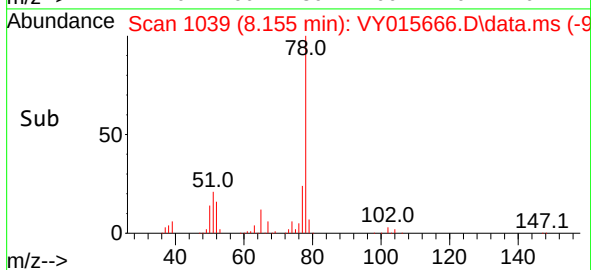
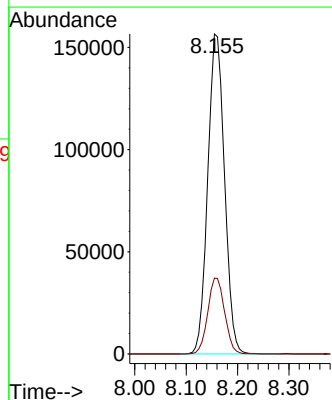
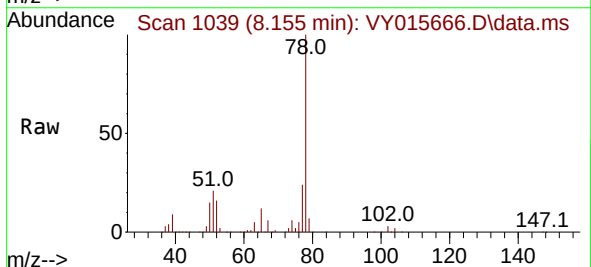
Acq: 21 Sep 2023 09:32

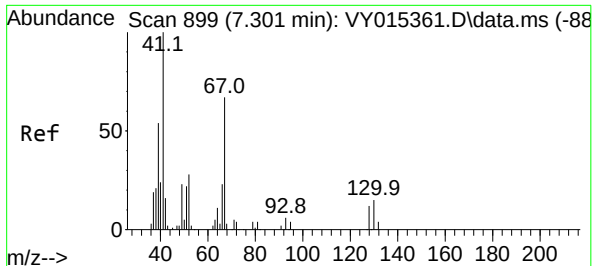
Tgt Ion: 78 Resp: 354482

Ion Ratio Lower Upper

78 100

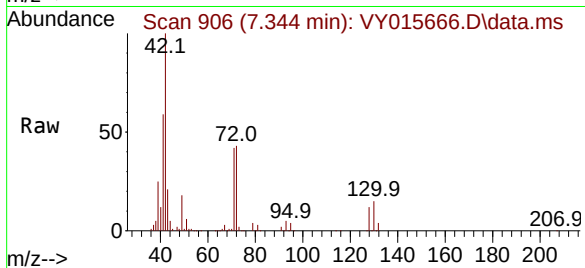
77 23.7 19.0 28.6



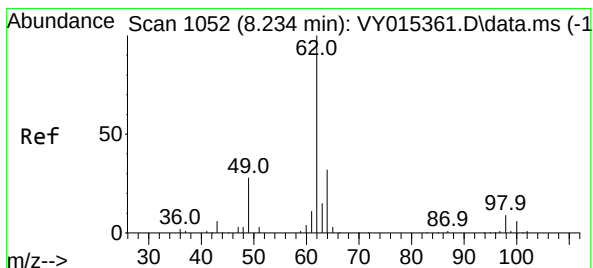
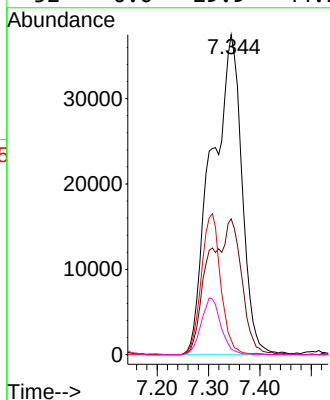
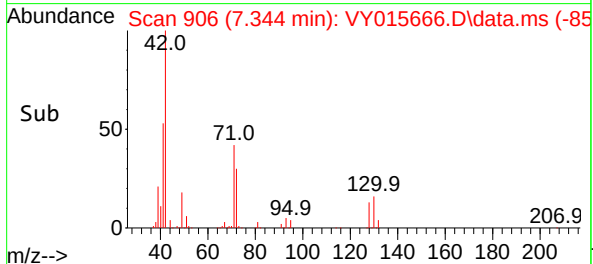


#41
Methacrylonitrile
Concen: 132.547 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.031 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

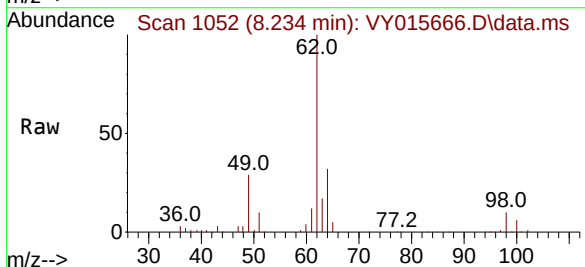
Instrument :
MSVOA_Y
ClientSampleId :



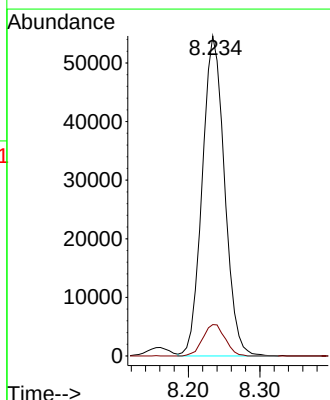
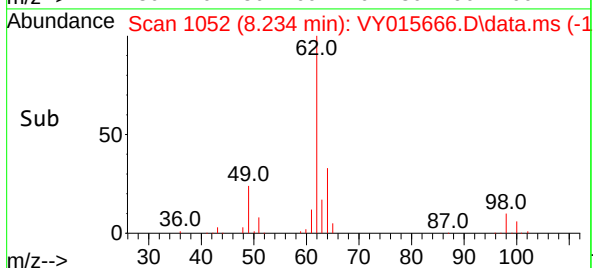
Tgt Ion: 41 Resp: 153082
Ion Ratio Lower Upper
41 100
39 24.5 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#

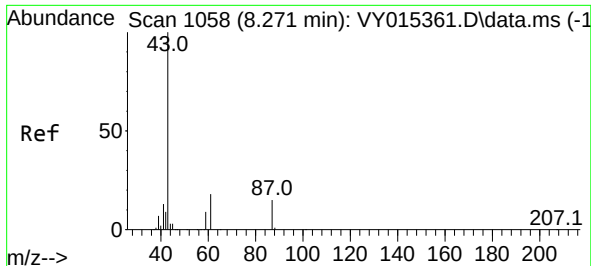


#42
1,2-Dichloroethane
Concen: 52.743 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32



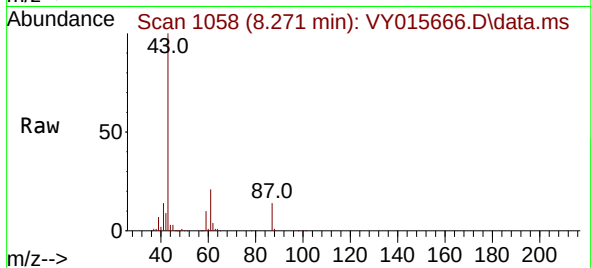
Tgt Ion: 62 Resp: 118455
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8



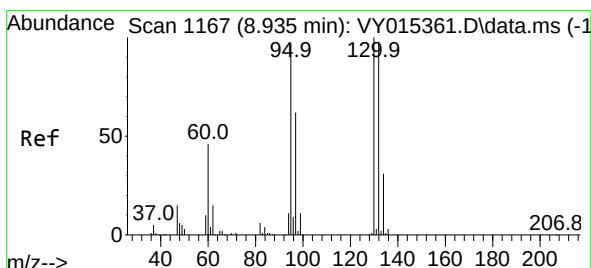
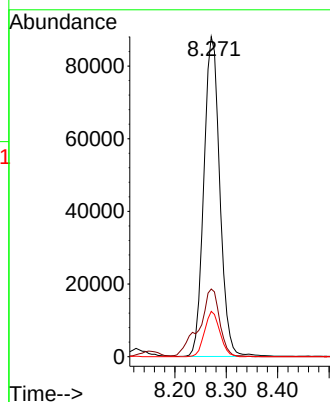
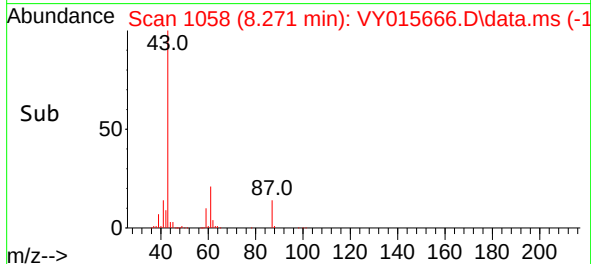


#43
Isopropyl Acetate
Concen: 51.744 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.007 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Instrument :
MSVOA_Y
ClientSampleId :

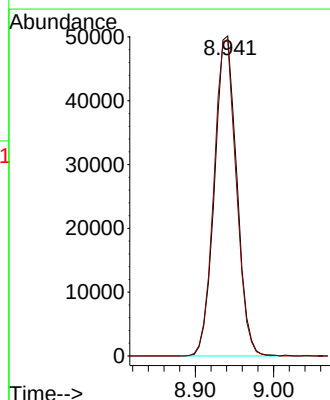
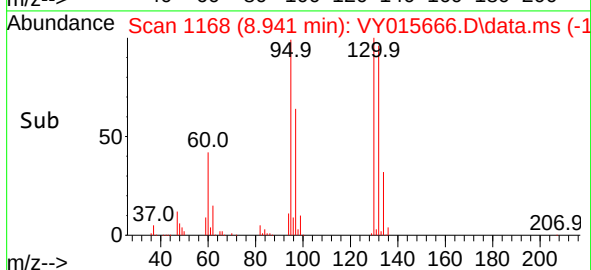
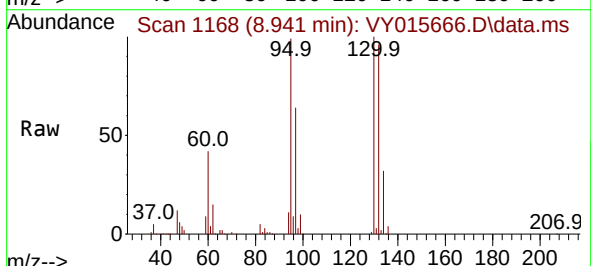


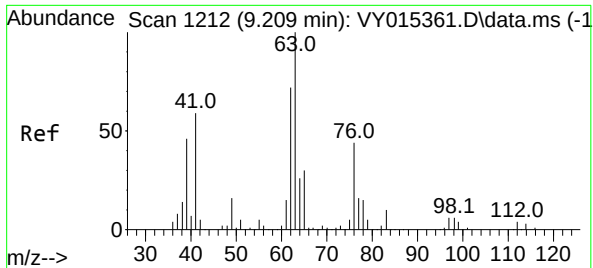
Tgt Ion: 43 Resp: 189588
Ion Ratio Lower Upper
43 100
61 27.3 21.1 31.7
87 13.7 9.8 14.8



#44
Trichloroethene
Concen: 53.920 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion:130 Resp: 98760
Ion Ratio Lower Upper
130 100
95 99.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 54.278 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

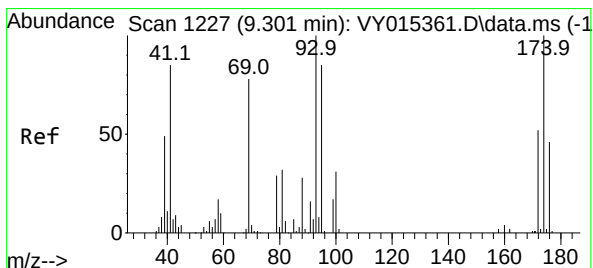
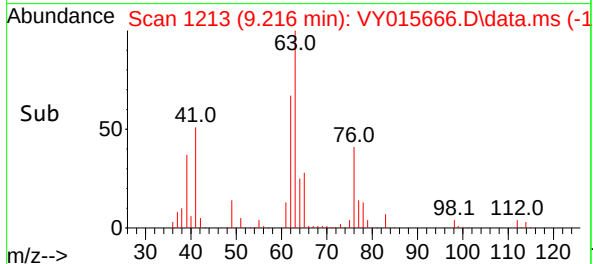
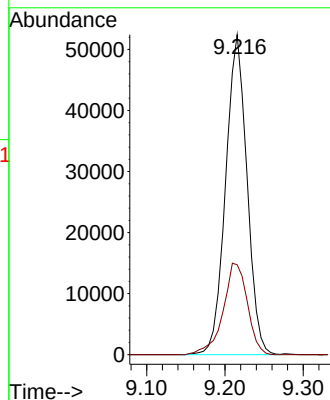
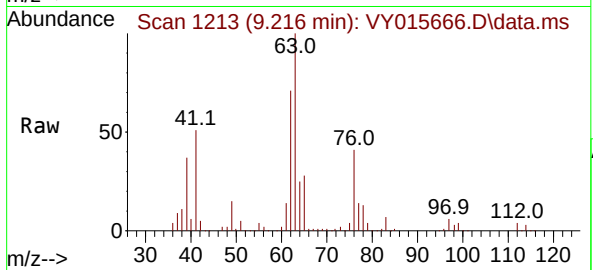
ClientSampleId :

Tgt Ion: 63 Resp: 99262

Ion Ratio Lower Upper

63 100

65 28.1 23.8 35.6



#46

Dibromomethane

Concen: 53.620 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

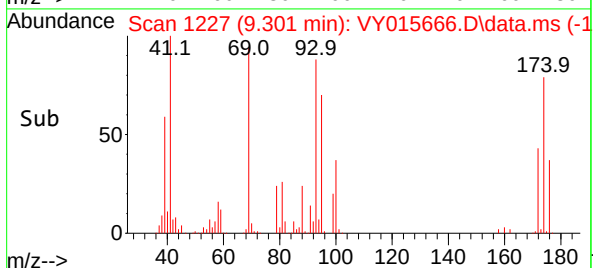
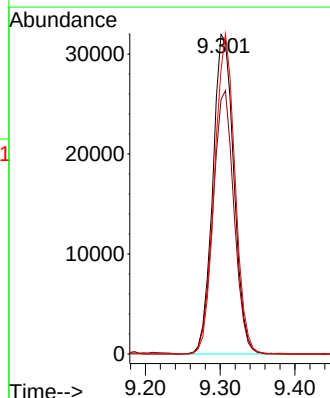
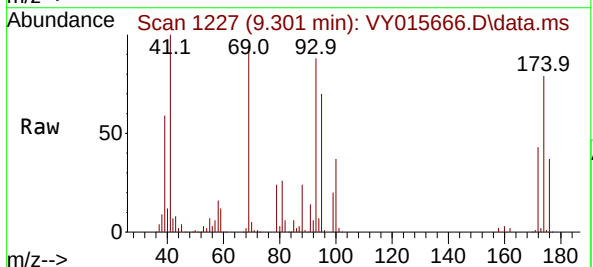
Tgt Ion: 93 Resp: 62725

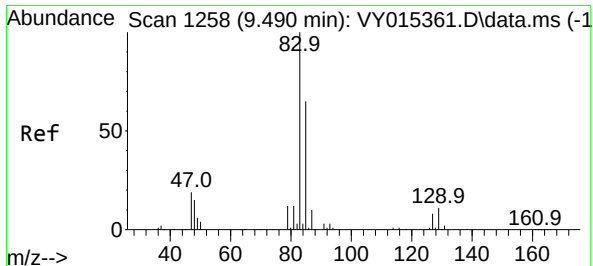
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

174 96.7 84.8 127.2

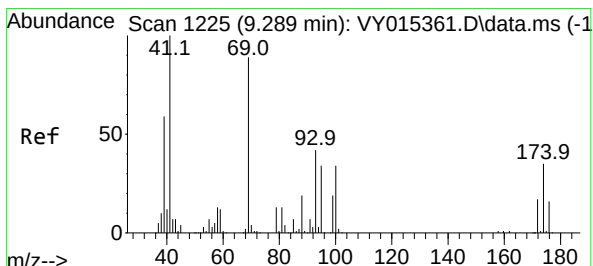
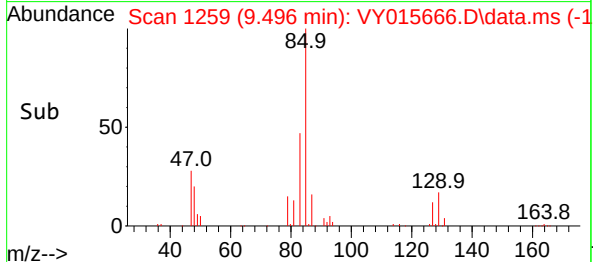
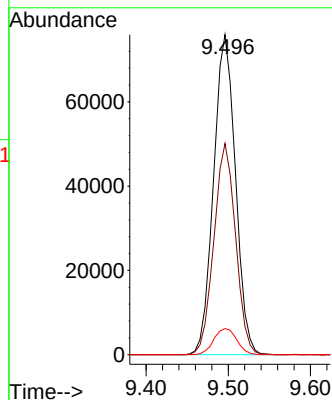
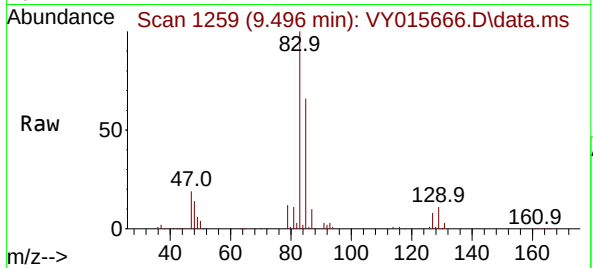




#47
Bromodichloromethane
Concen: 53.843 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

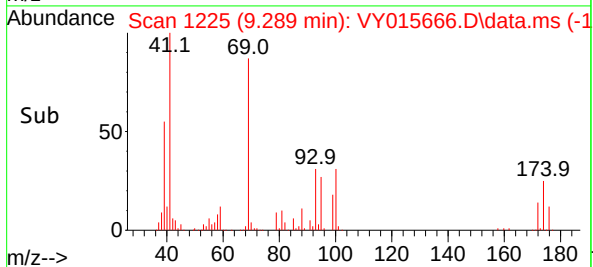
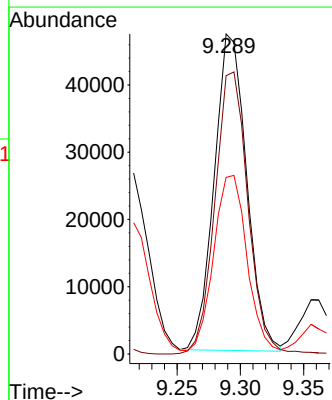
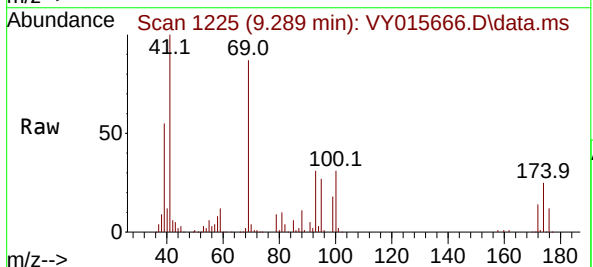
Instrument :
MSVOA_Y
ClientSampleId :

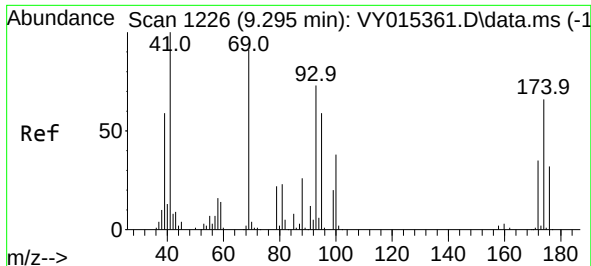
Tgt Ion: 83 Resp: 140394
Ion Ratio Lower Upper
83 100
85 66.0 50.1 75.1
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 52.136 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion: 41 Resp: 83847
Ion Ratio Lower Upper
41 100
69 90.7 64.5 96.7
39 58.2 50.8 76.2





#49

1,4-Dioxane

Concen: 1018.973 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.012 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

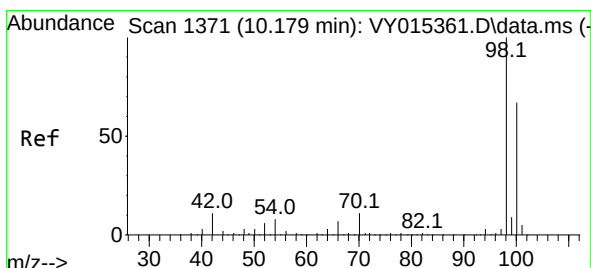
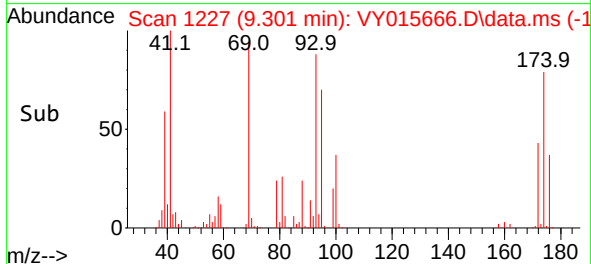
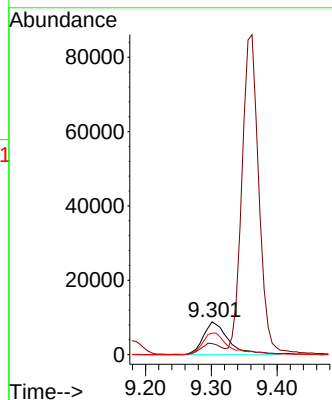
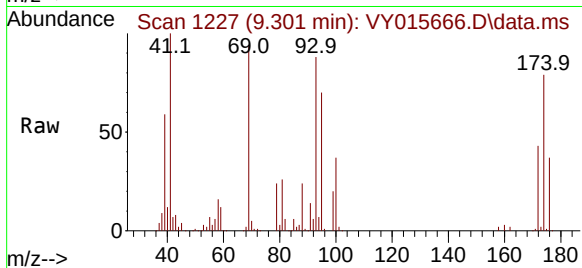
Tgt Ion: 88 Resp: 23549

Ion Ratio Lower Upper

88 100

43 26.3 0.0 0.0#

58 71.3 30.9 46.3#



#50

Toluene-d8

Concen: 49.929 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015666.D

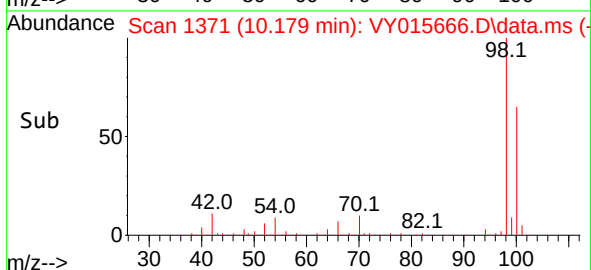
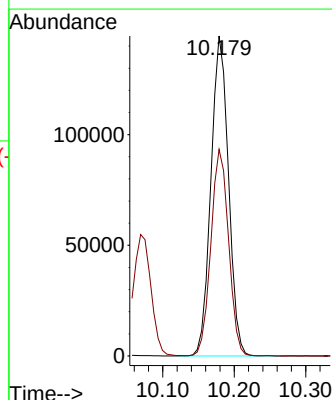
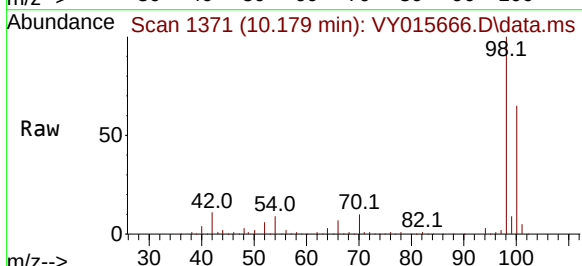
Acq: 21 Sep 2023 09:32

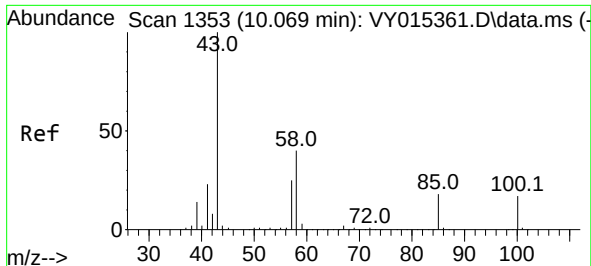
Tgt Ion: 98 Resp: 246212

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 258.664 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

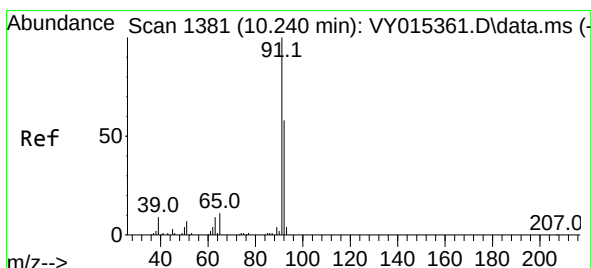
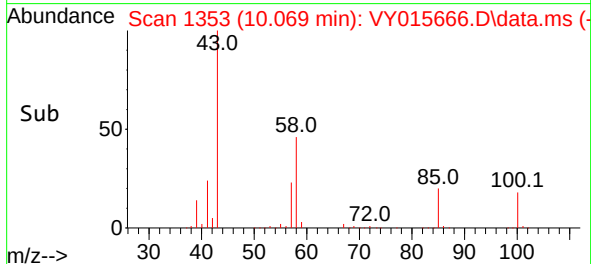
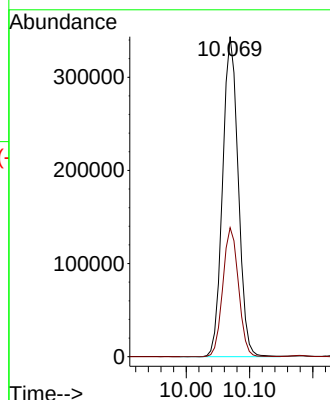
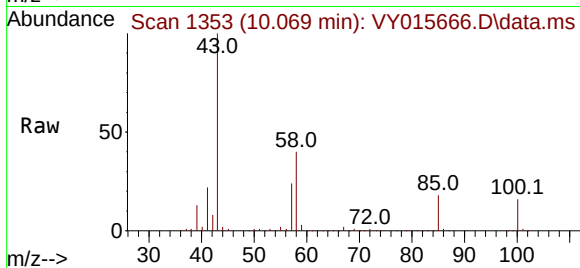
ClientSampleId :

Tgt Ion: 43 Resp: 587421

Ion Ratio Lower Upper

43 100

58 40.4 29.0 43.6



#52

Toluene

Concen: 54.231 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY015666.D

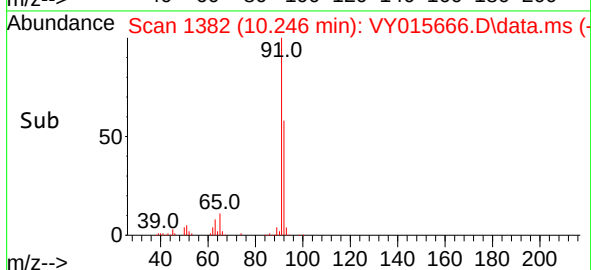
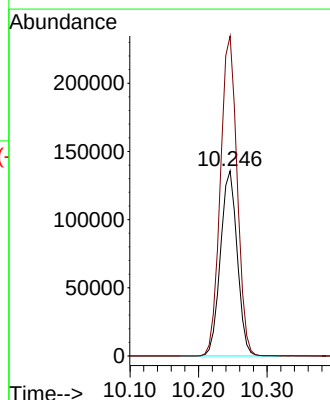
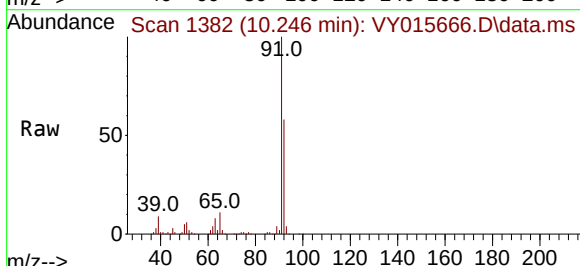
Acq: 21 Sep 2023 09:32

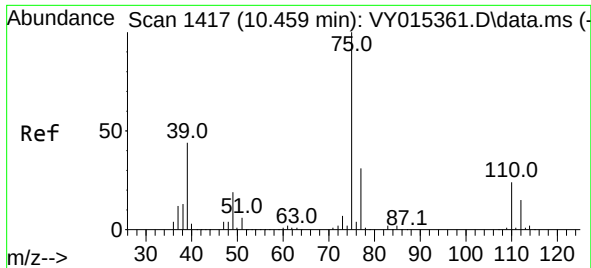
Tgt Ion: 92 Resp: 229273

Ion Ratio Lower Upper

92 100

91 173.2 143.8 215.6

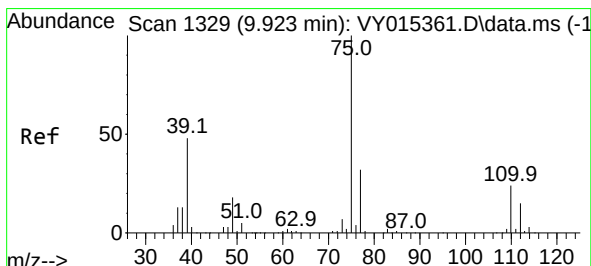
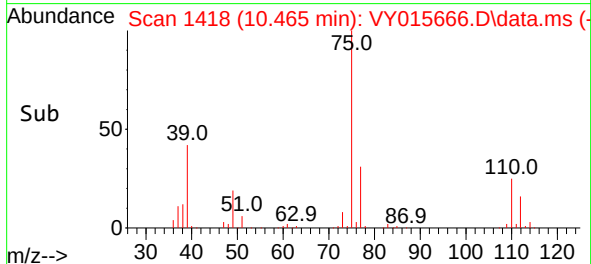
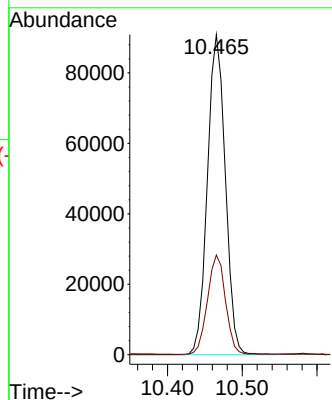
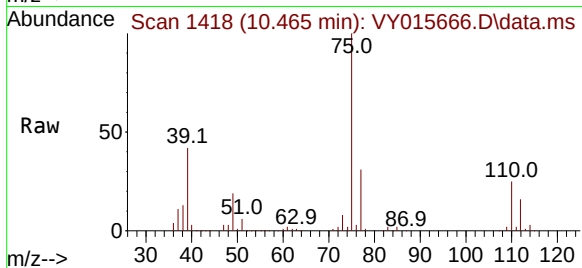




#53
 t-1,3-Dichloropropene
 Concen: 54.102 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015666.D
 Acq: 21 Sep 2023 09:32

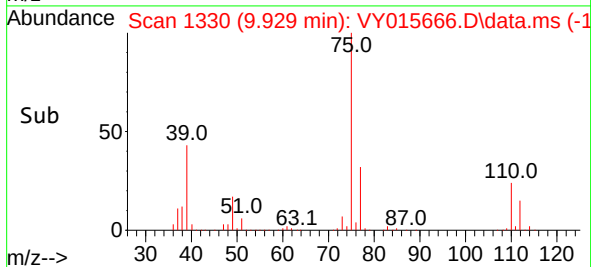
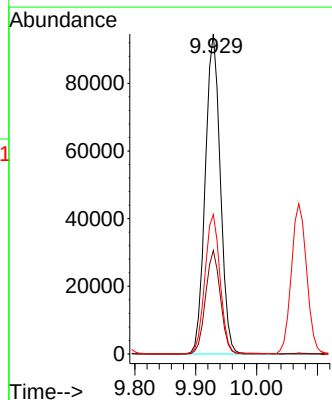
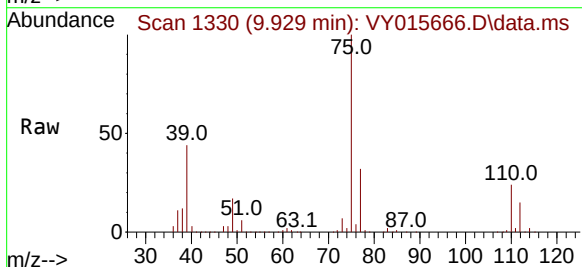
Instrument :
 MSVOA_Y
 ClientSampleId :

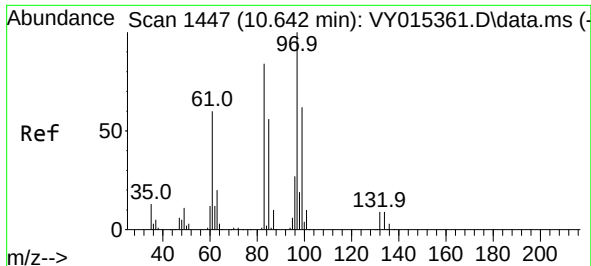
Tgt Ion: 75 Resp: 151277
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 54.039 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015666.D
 Acq: 21 Sep 2023 09:32

Tgt Ion: 75 Resp: 162649
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.2 36.4
 39 43.5 42.2 63.4

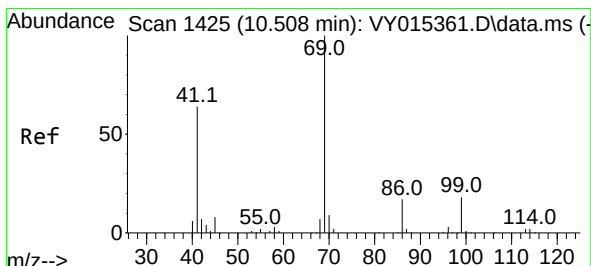
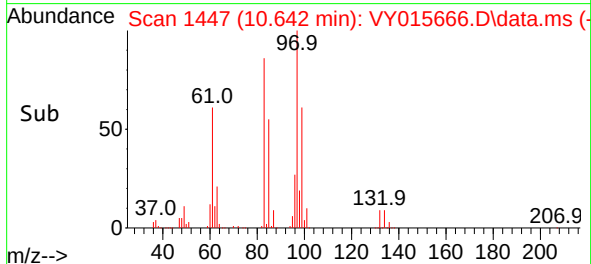
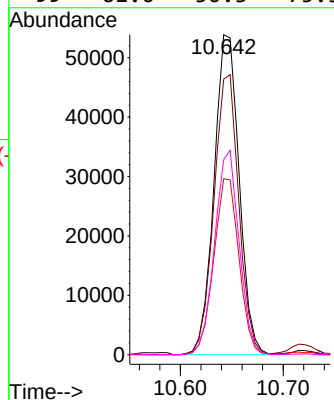
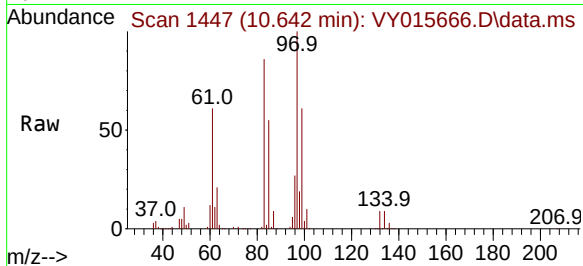




#55
1,1,2-Trichloroethane
Concen: 53.362 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

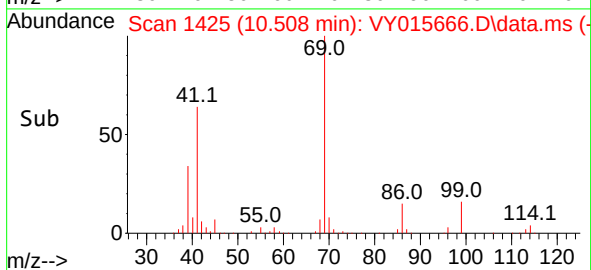
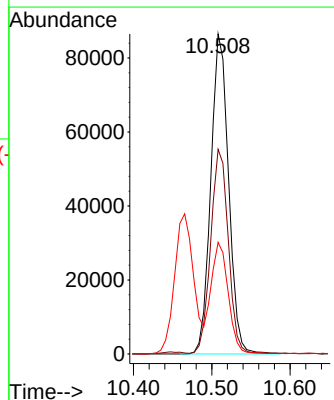
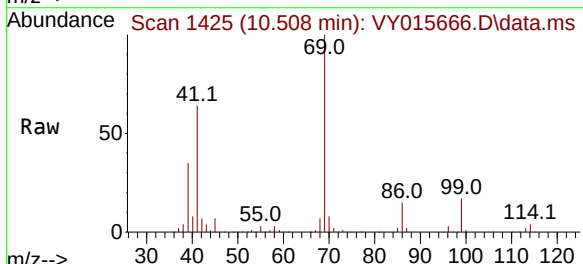
Instrument :
MSVOA_Y
ClientSampleId :

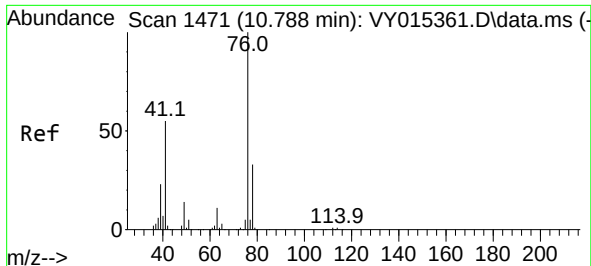
Tgt Ion:	97	Resp:	91479
Ion	Ratio	Lower	Upper
97	100		
83	86.1	72.0	108.0
85	55.0	45.4	68.0
99	61.0	50.3	75.5



#56
Ethyl methacrylate
Concen: 53.867 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion:	69	Resp:	136089
Ion	Ratio	Lower	Upper
69	100		
41	63.2	57.6	86.4
39	33.7	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 53.064 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

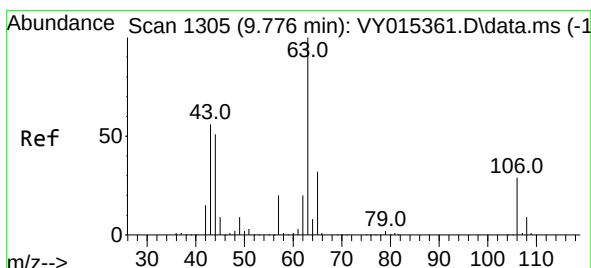
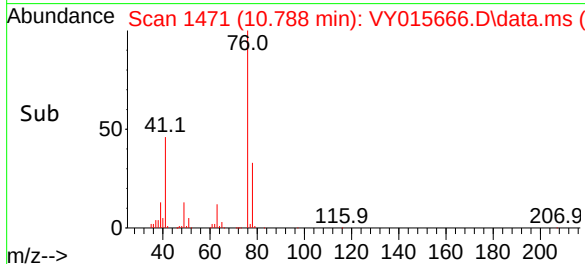
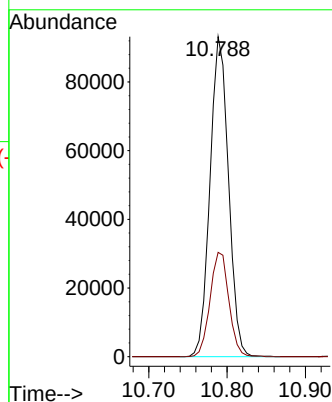
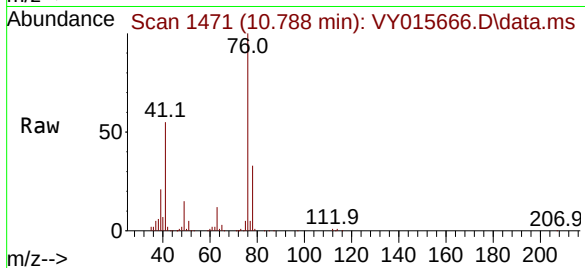
ClientSampleId :

Tgt Ion: 76 Resp: 152552

Ion Ratio Lower Upper

76 100

78 33.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 250.430 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.007 min

Lab File: VY015666.D

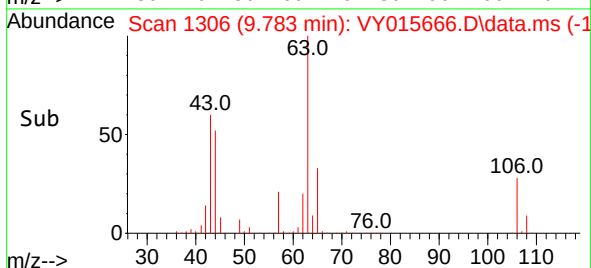
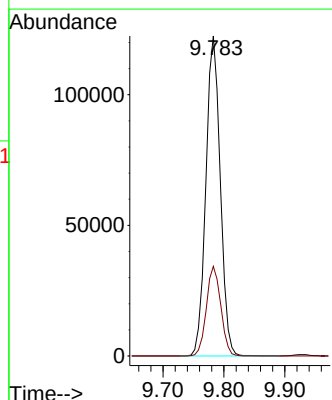
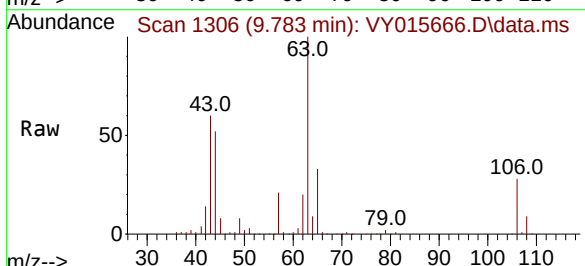
Acq: 21 Sep 2023 09:32

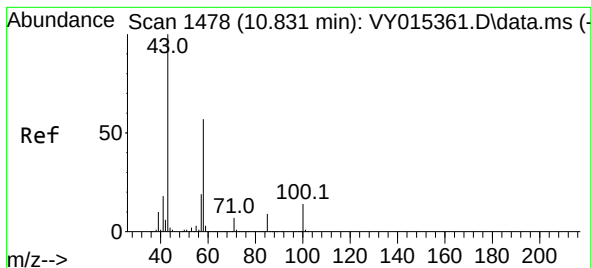
Tgt Ion: 63 Resp: 200967

Ion Ratio Lower Upper

63 100

106 28.0 21.2 31.8

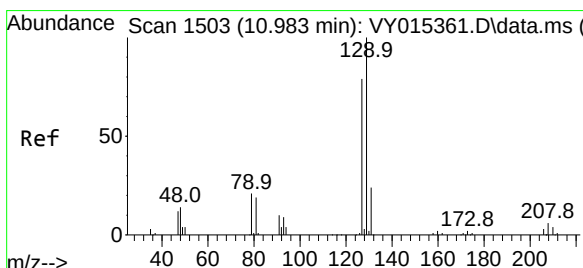
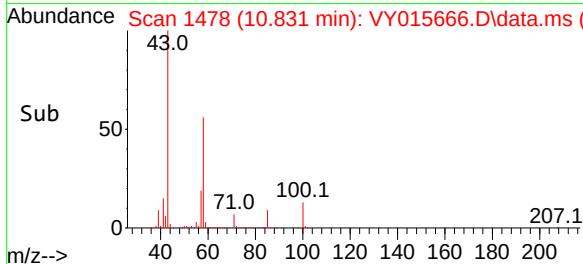
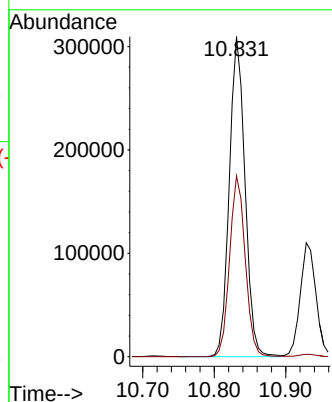
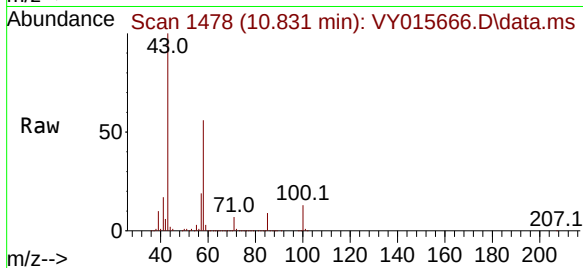




#59
2-Hexanone
Concen: 270.418 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

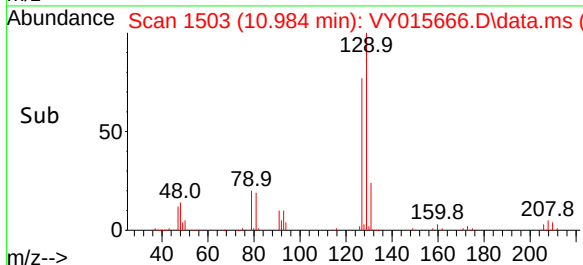
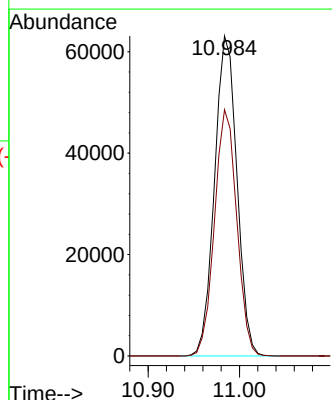
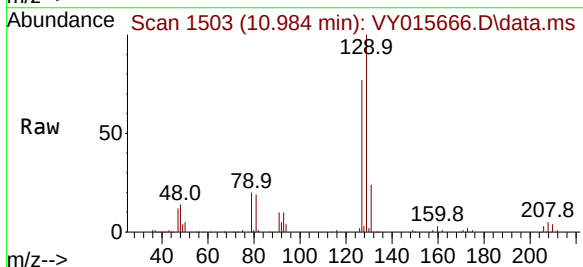
Instrument :
MSVOA_Y
ClientSampleId :

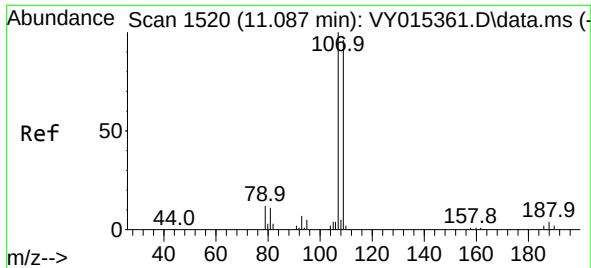
Tgt Ion: 43 Resp: 471155
Ion Ratio Lower Upper
43 100
58 56.3 25.1 75.3



#60
Dibromochloromethane
Concen: 53.698 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion: 129 Resp: 107460
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5

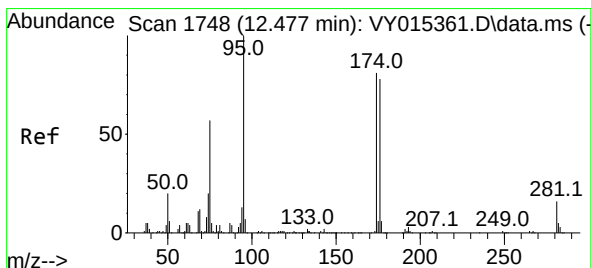
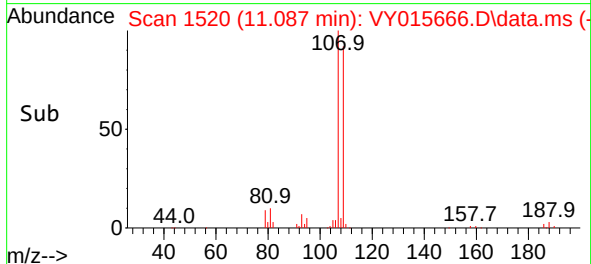
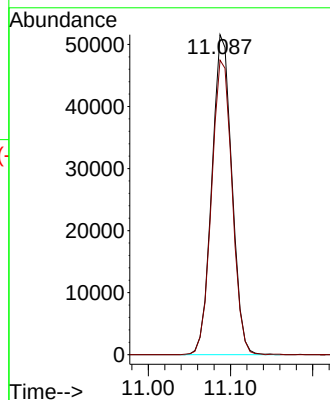
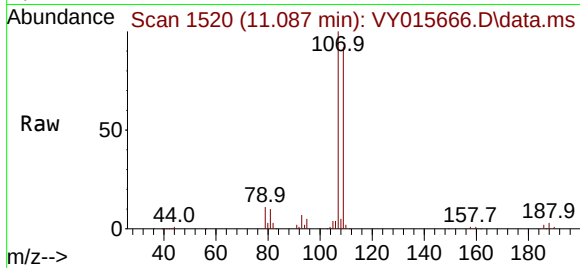




#61
1,2-Dibromoethane
Concen: 52.010 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

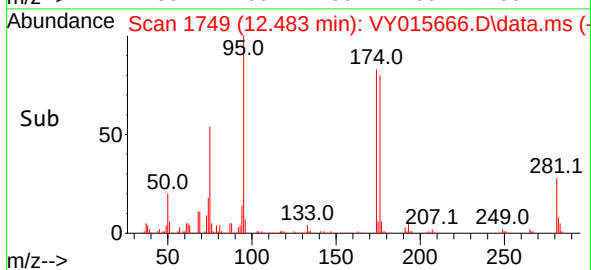
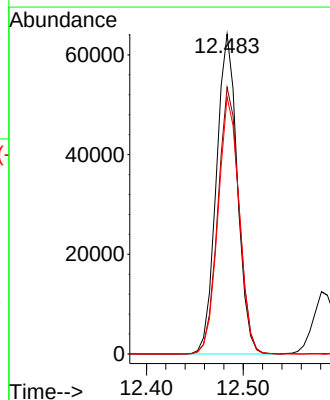
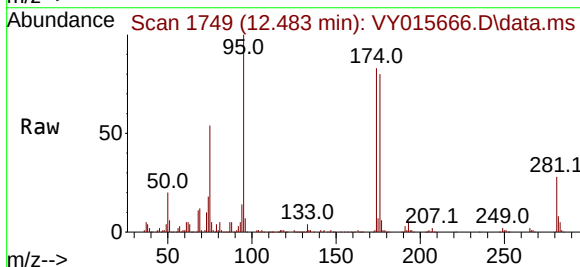
Instrument :
MSVOA_Y
ClientSampleId :

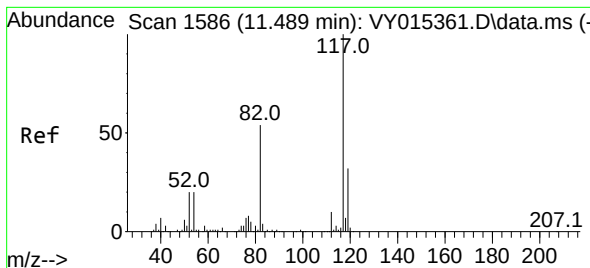
Tgt Ion:107 Resp: 87228
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.903 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion: 95 Resp: 96571
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 81.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

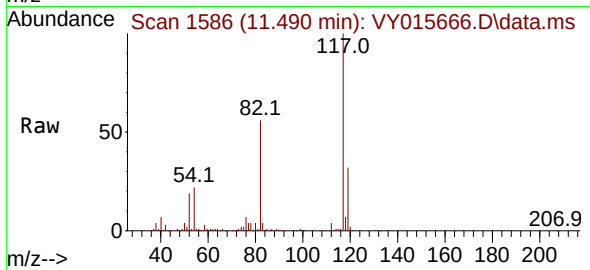
Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :



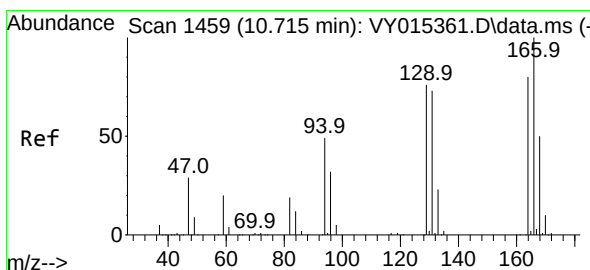
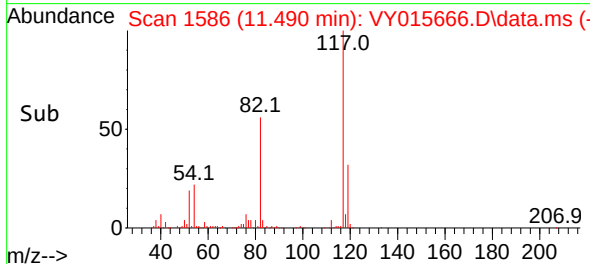
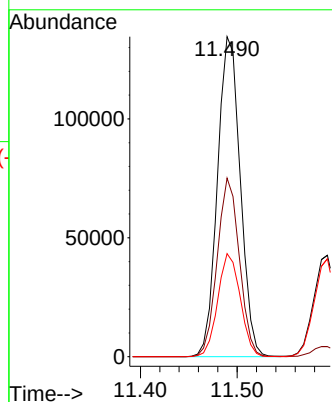
Tgt Ion:117 Resp: 220167

Ion Ratio Lower Upper

117 100

82 55.8 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 55.079 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Tgt Ion:164 Resp: 104042

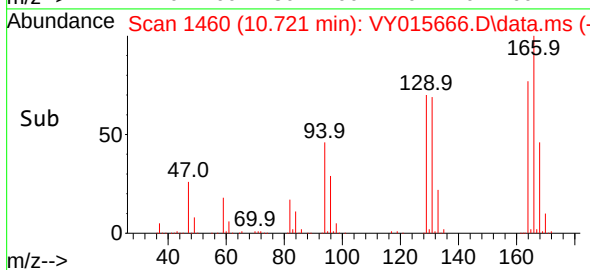
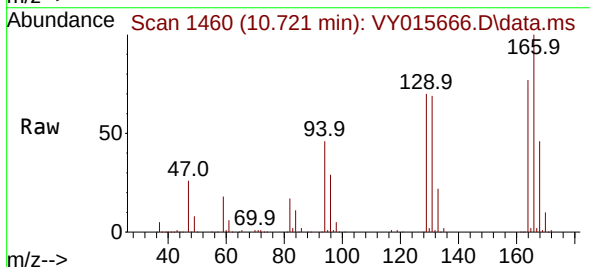
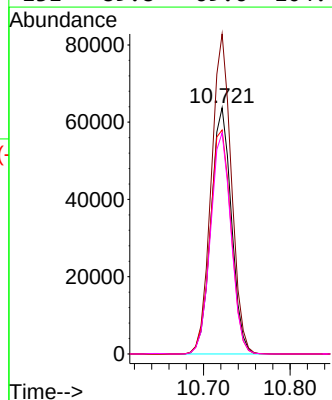
Ion Ratio Lower Upper

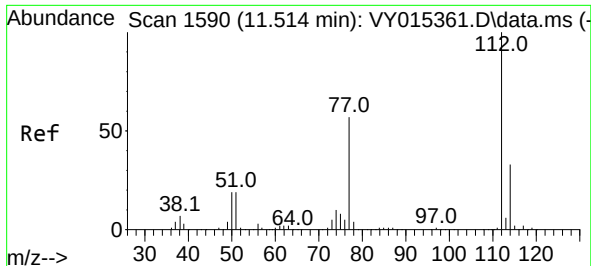
164 100

166 130.0 103.0 154.6

129 91.0 77.2 115.8

131 89.8 69.6 104.4

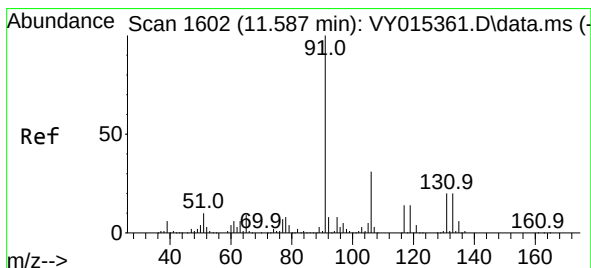
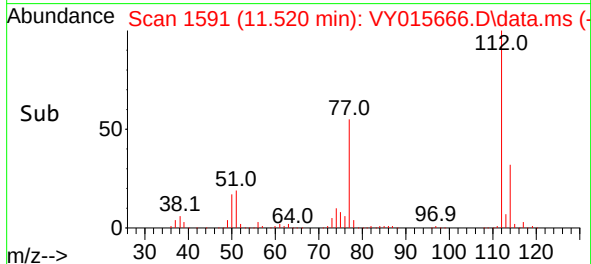
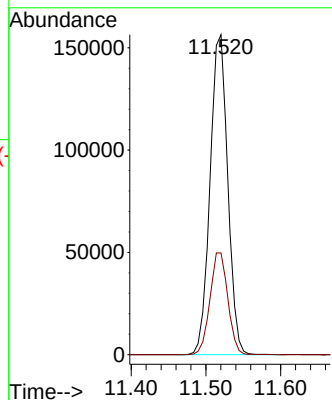
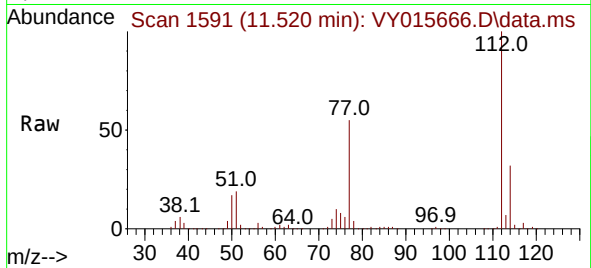




#65
Chlorobenzene
Concen: 53.545 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

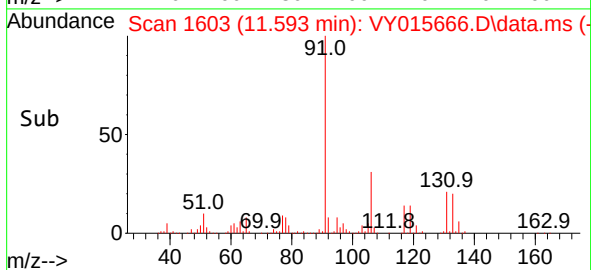
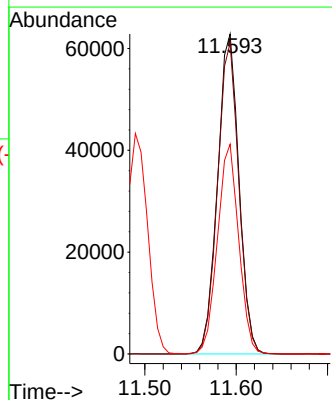
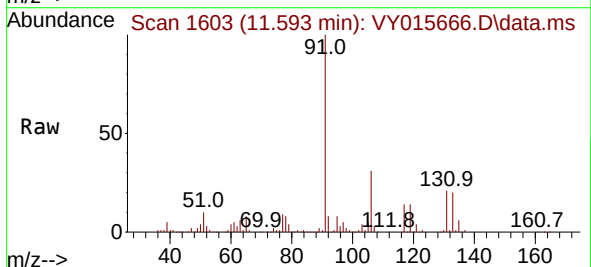
Instrument :
MSVOA_Y
ClientSampleId :

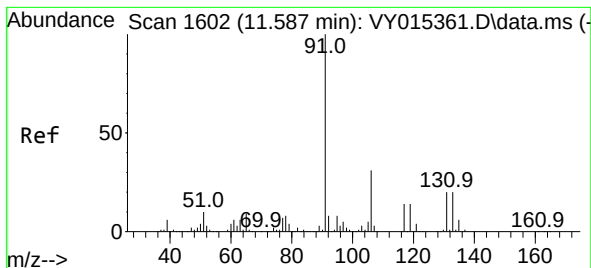
Tgt Ion:112 Resp: 257330
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.890 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion:131 Resp: 102467
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.6
119 65.2 31.6 94.7





#67

Ethyl Benzene

Concen: 55.059 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

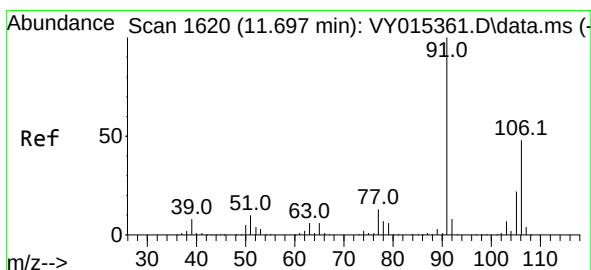
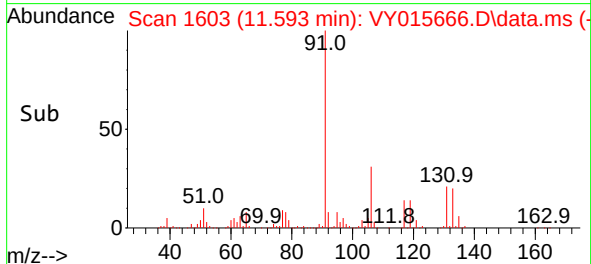
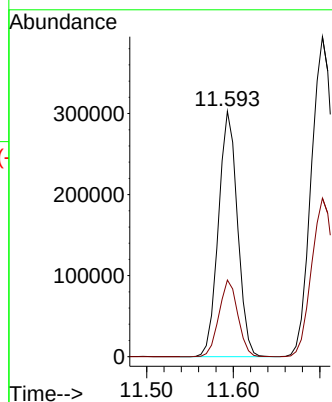
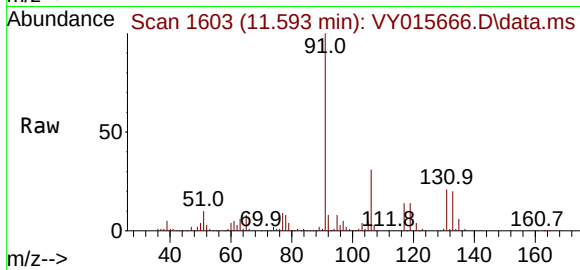
ClientSampleId :

Tgt Ion: 91 Resp: 462487

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 110.751 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015666.D

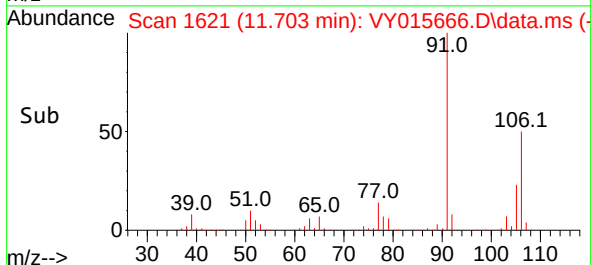
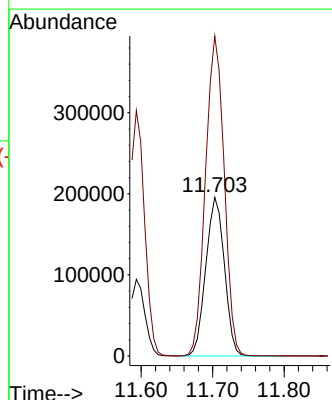
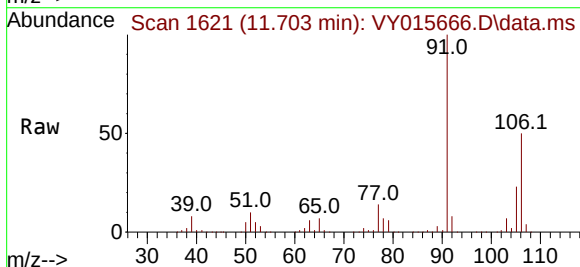
Acq: 21 Sep 2023 09:32

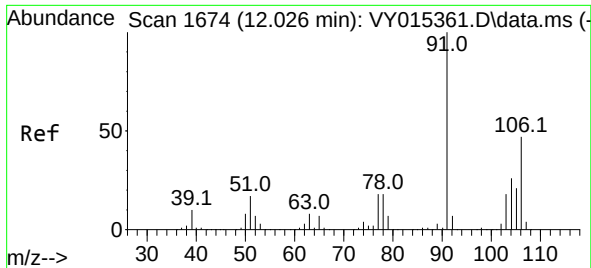
Tgt Ion:106 Resp: 353597

Ion Ratio Lower Upper

106 100

91 202.4 166.1 249.1

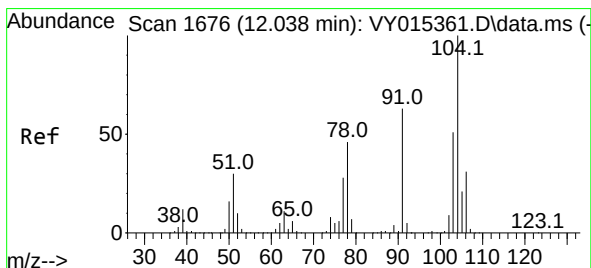
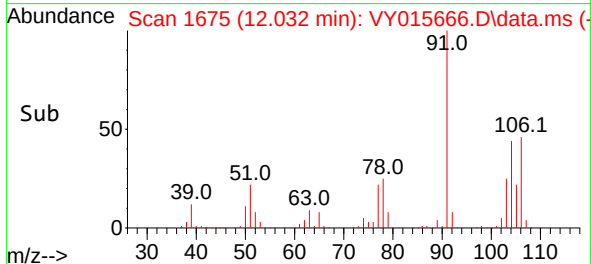
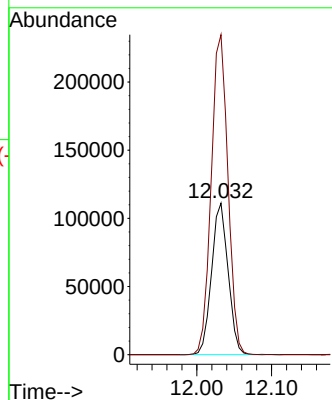
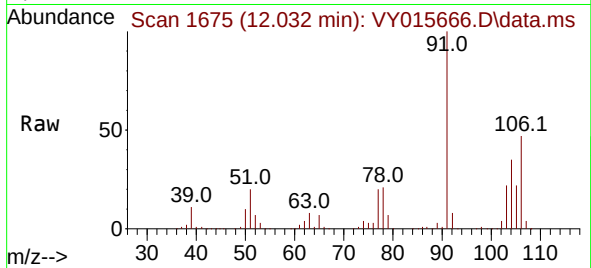




#69
o-Xylene
Concen: 54.613 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

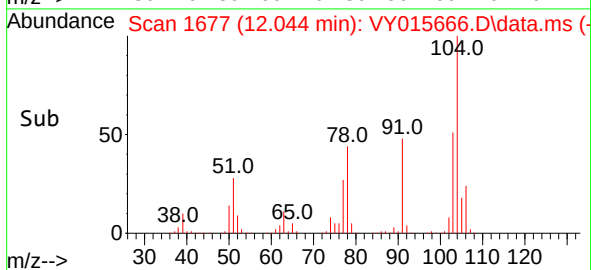
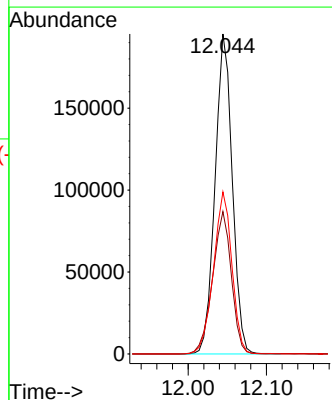
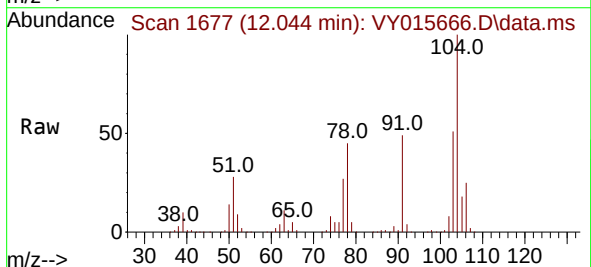
Instrument :
MSVOA_Y
ClientSampleId :

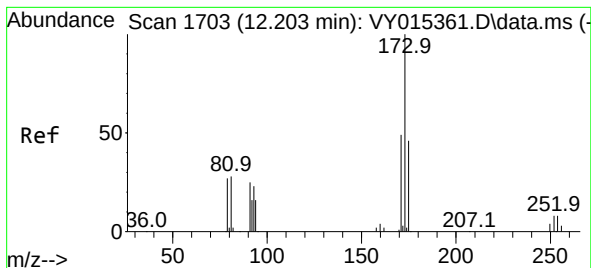
Tgt Ion:106 Resp: 170977
Ion Ratio Lower Upper
106 100
91 214.0 108.1 324.3



#70
Styrene
Concen: 55.755 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion:104 Resp: 298781
Ion Ratio Lower Upper
104 100
78 48.5 41.5 62.3
103 54.1 44.6 67.0





#71

Bromoform

Concen: 54.952 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

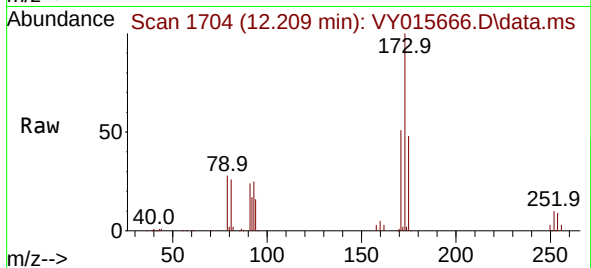
Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :



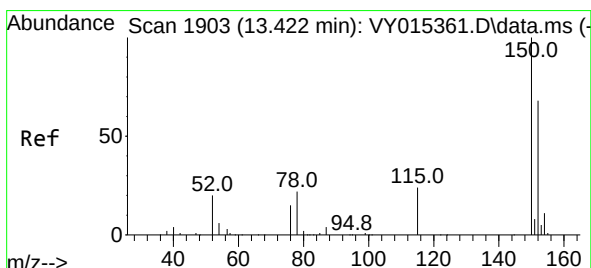
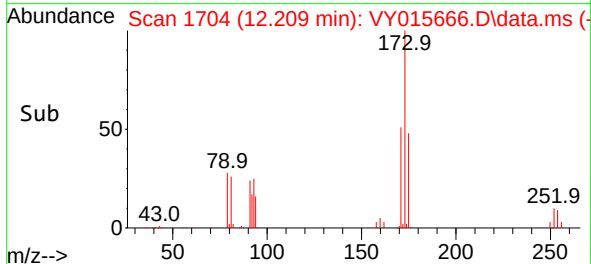
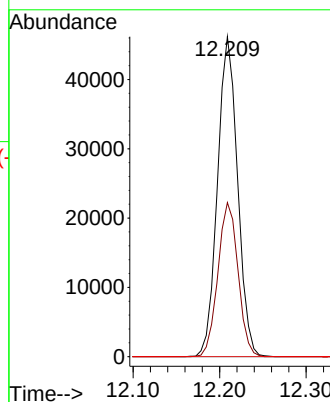
Tgt Ion:173 Resp: 74337

Ion Ratio Lower Upper

173 100

175 48.2 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: VY015666.D

Acq: 21 Sep 2023 09:32

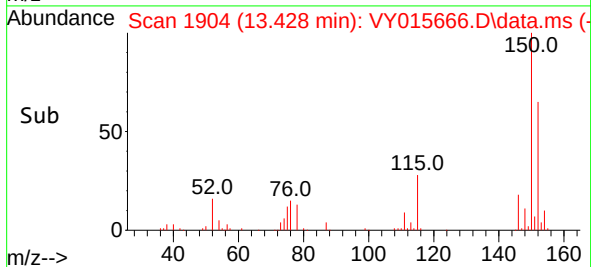
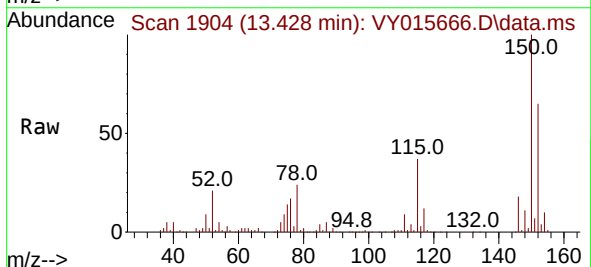
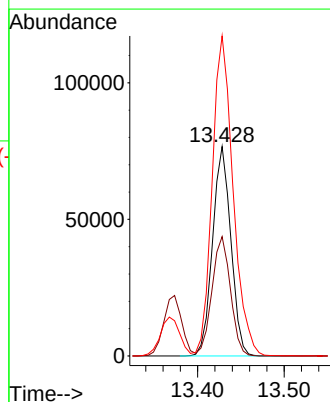
Tgt Ion:152 Resp: 112591

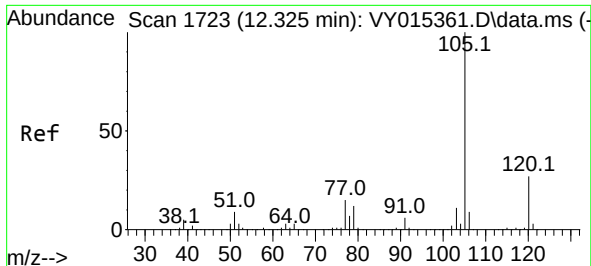
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 174.4 0.0 348.8

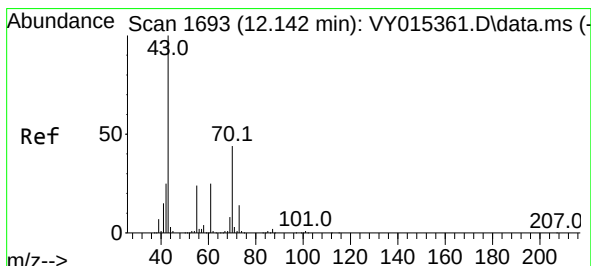
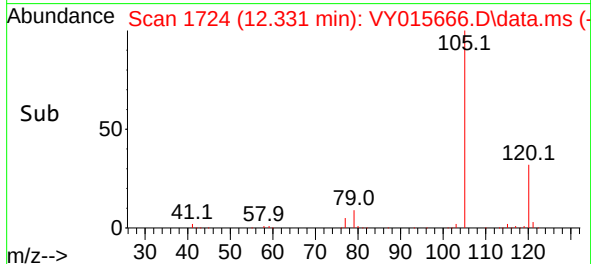
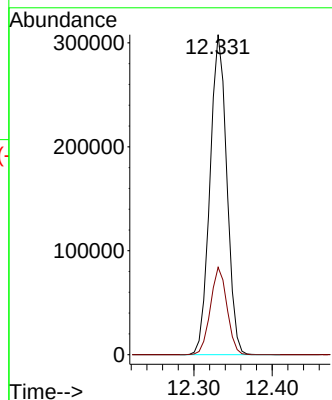
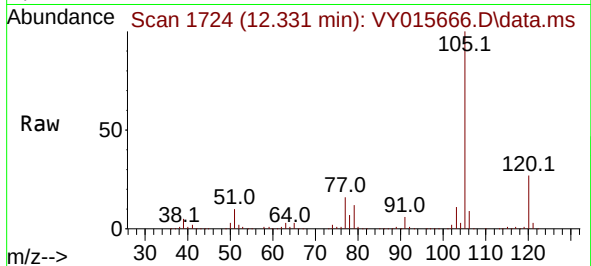




#73
Isopropylbenzene
Concen: 54.380 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

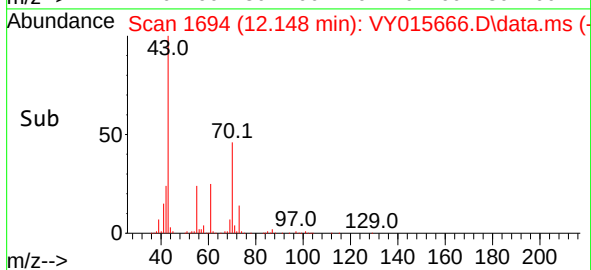
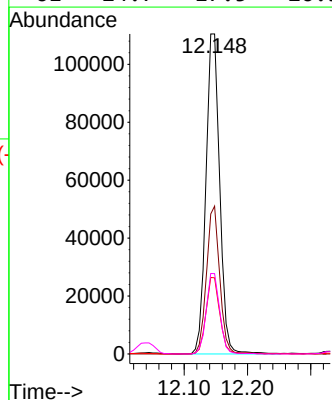
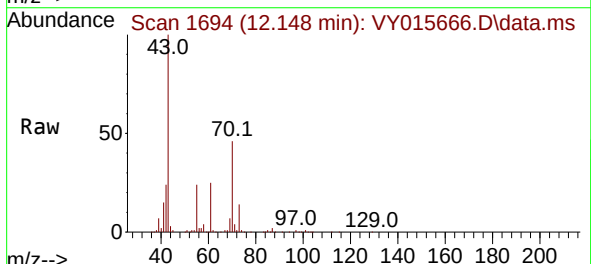
Instrument :
MSVOA_Y
ClientSampleId :

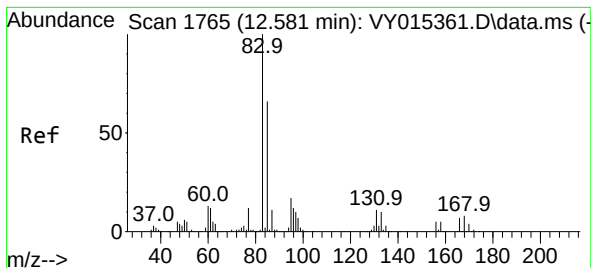
Tgt Ion:105 Resp: 459308
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 52.803 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion: 43 Resp: 167623
Ion Ratio Lower Upper
43 100
70 44.5 29.7 44.5#
55 24.1 18.3 27.5
61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 51.902 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

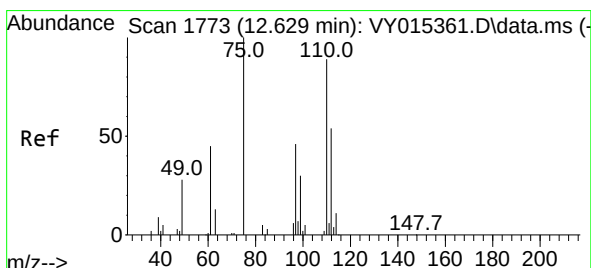
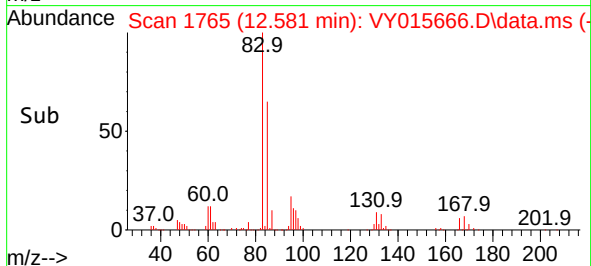
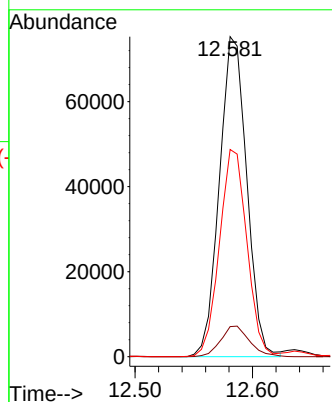
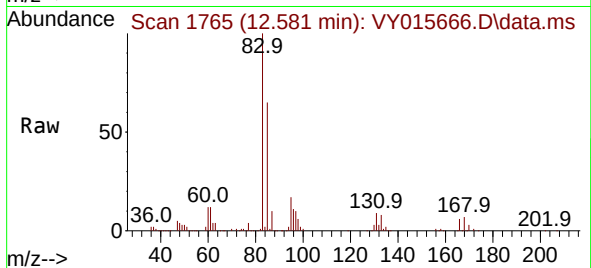
Tgt Ion: 83 Resp: 122004

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 65.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 89.808 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY015666.D

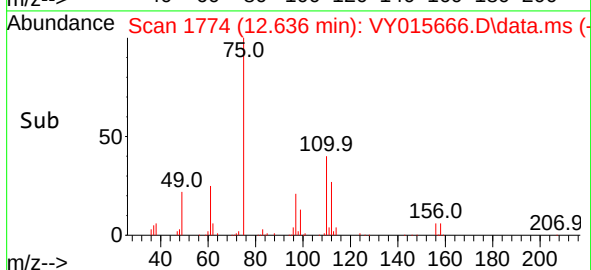
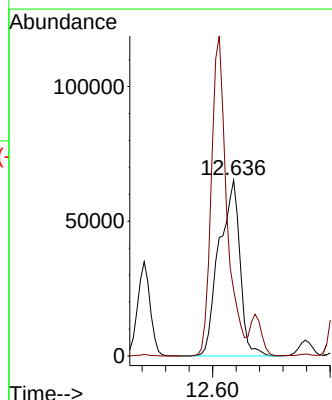
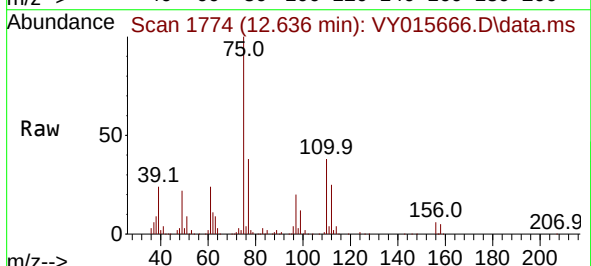
Acq: 21 Sep 2023 09:32

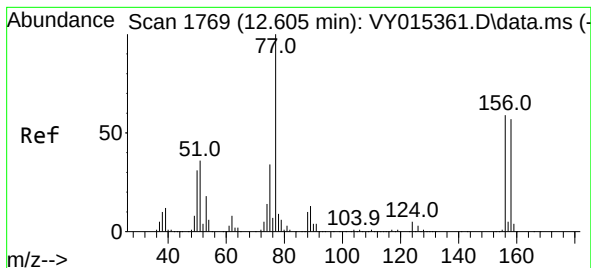
Tgt Ion: 75 Resp: 161313

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.914 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

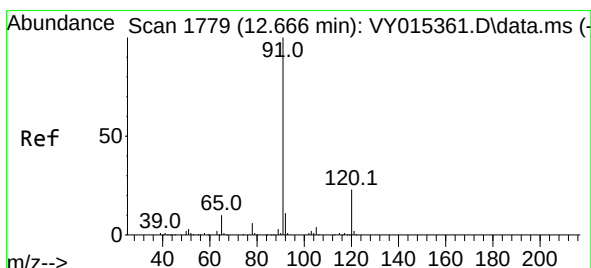
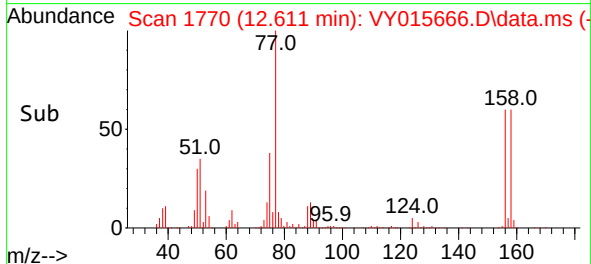
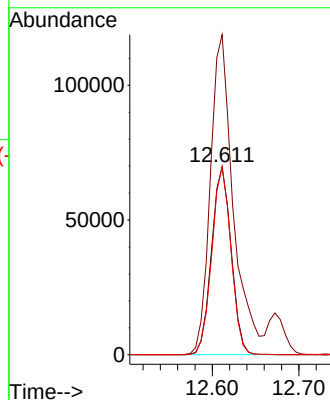
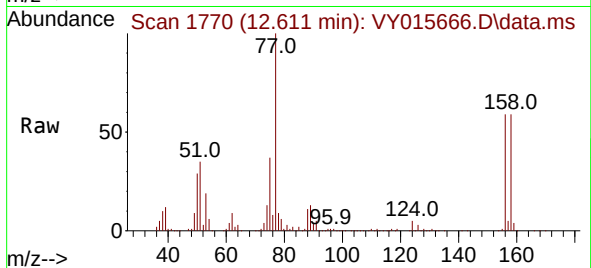
Tgt Ion:156 Resp: 109705

Ion Ratio Lower Upper

156 100

77 197.7 92.8 278.6

158 97.6 48.4 145.3



#78

n-propylbenzene

Concen: 54.865 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015666.D

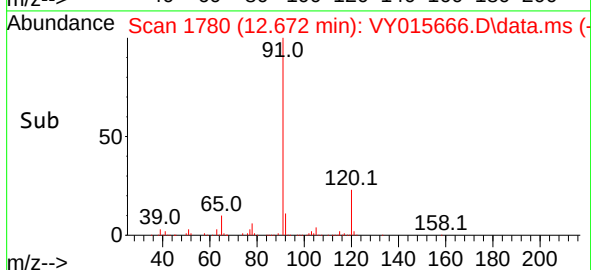
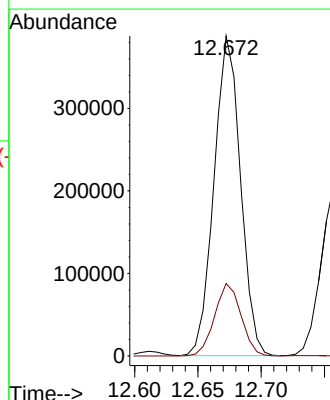
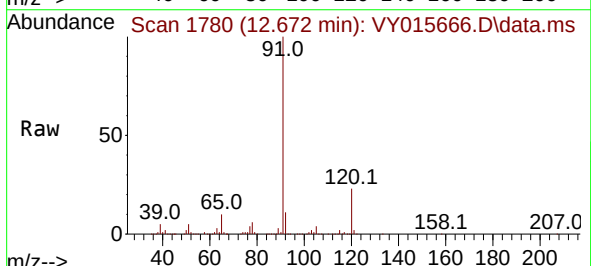
Acq: 21 Sep 2023 09:32

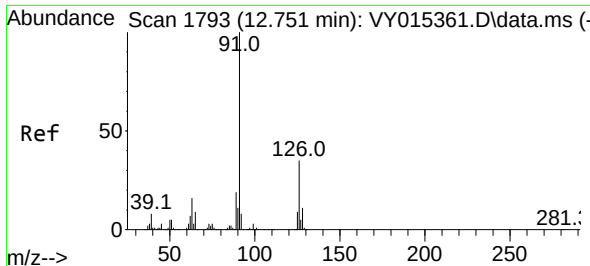
Tgt Ion: 91 Resp: 562977

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4

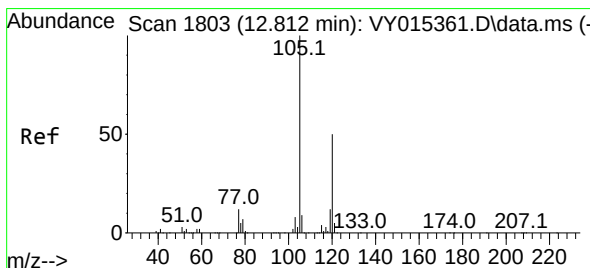
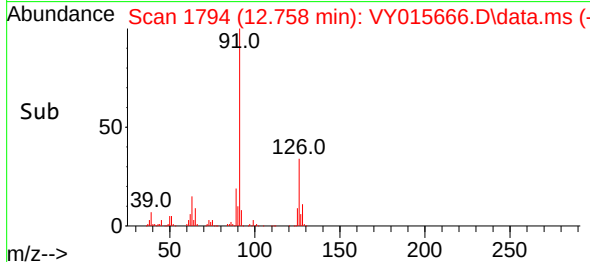
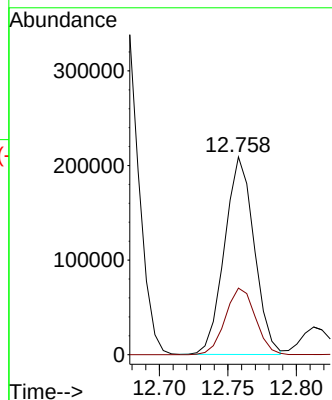
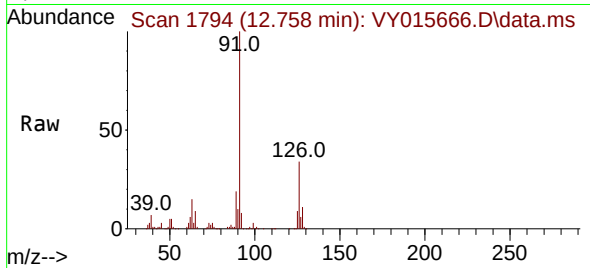




#79
2-Chlorotoluene
Concen: 53.870 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

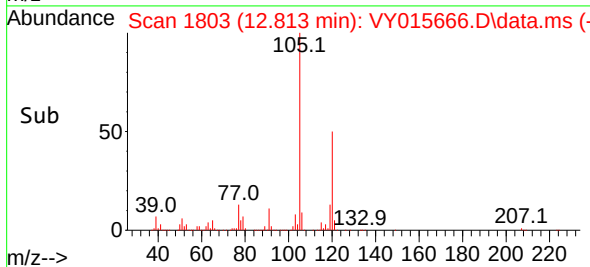
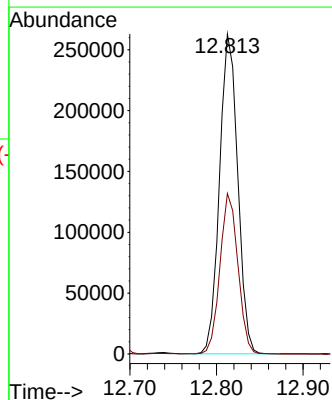
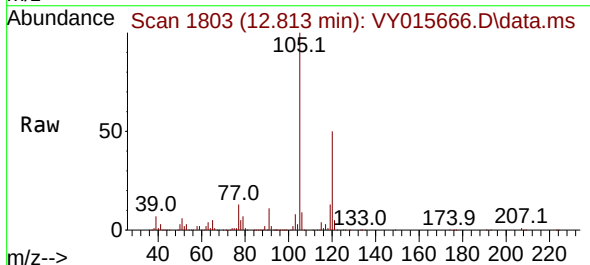
Instrument :
MSVOA_Y
ClientSampleId :

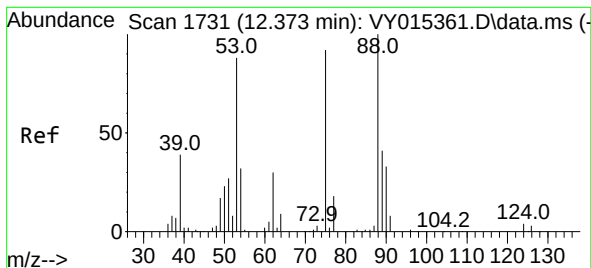
Tgt Ion: 91 Resp: 315087
Ion Ratio Lower Upper
91 100
126 34.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 54.288 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion: 105 Resp: 383868
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7

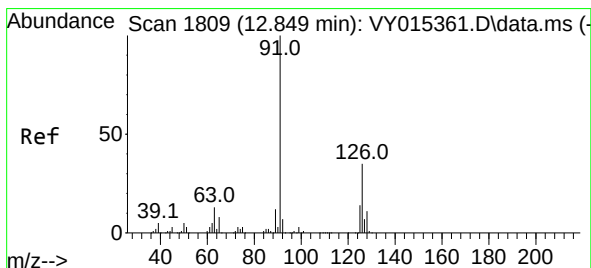
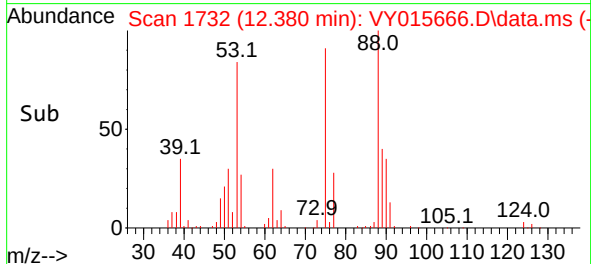
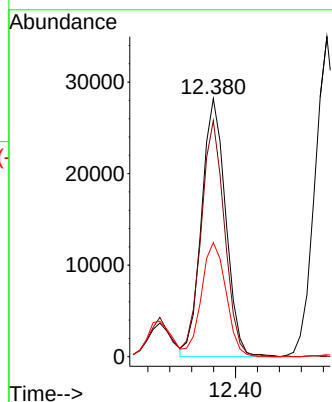
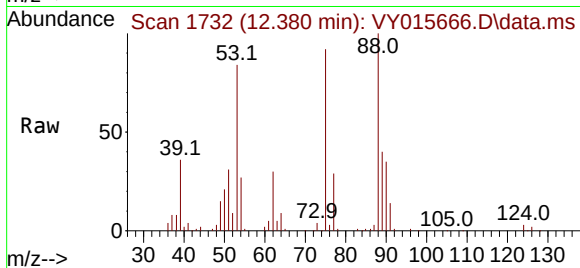




#81
trans-1,4-Dichloro-2-butene
Concen: 54.032 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

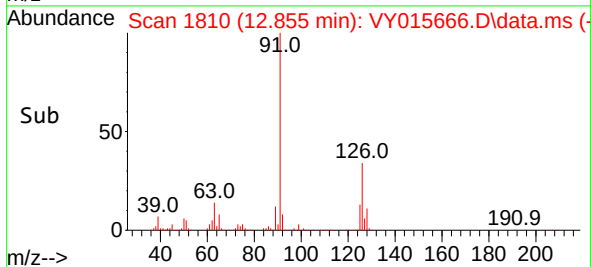
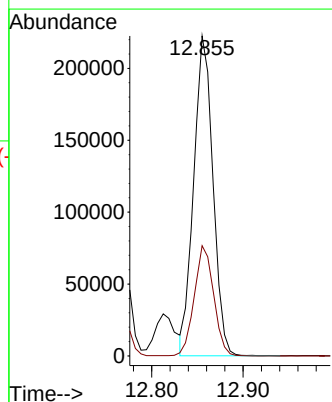
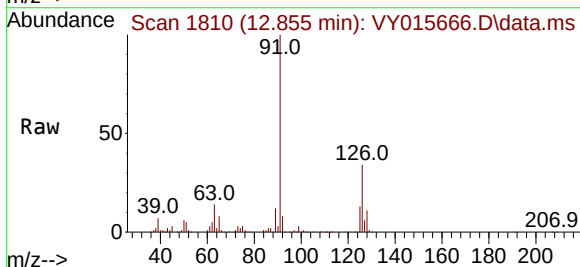
Instrument :
MSVOA_Y
ClientSampleId :

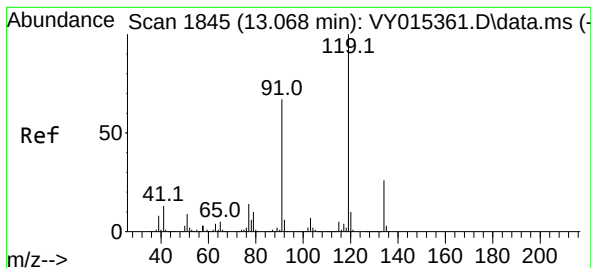
Tgt Ion: 75 Resp: 43098
Ion Ratio Lower Upper
75 100
53 89.1 77.8 116.8
89 45.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 53.305 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion: 91 Resp: 325479
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 55.588 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

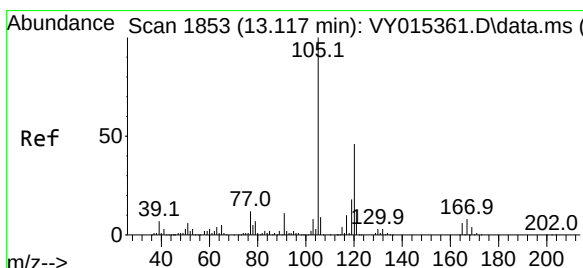
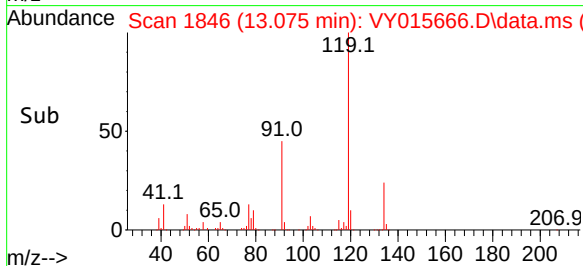
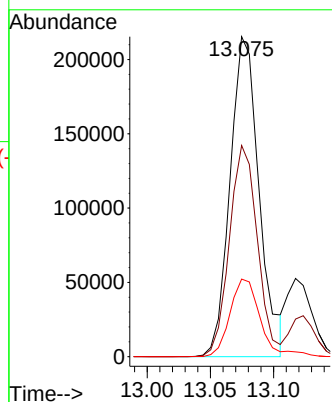
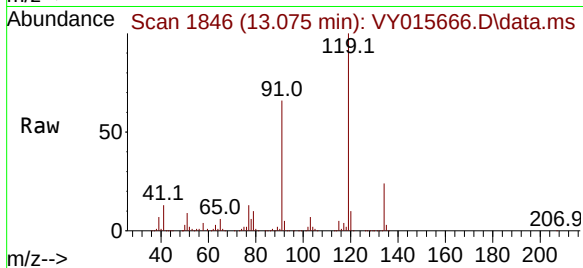
Tgt Ion:119 Resp: 344258

Ion Ratio Lower Upper

119 100

91 63.8 32.9 98.6

134 25.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 54.421 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015666.D

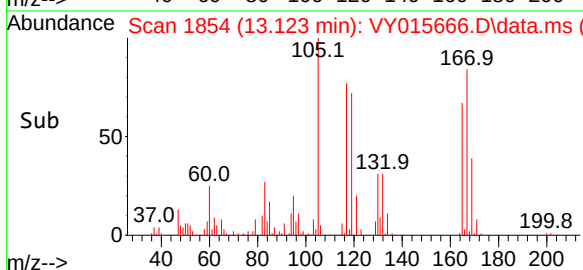
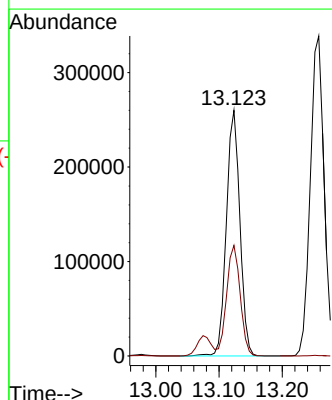
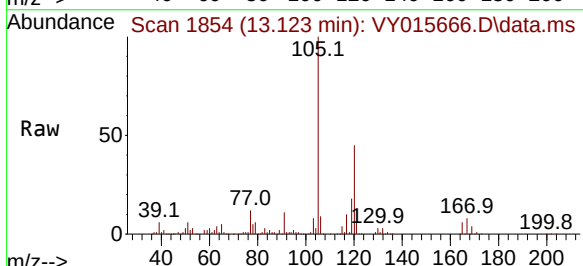
Acq: 21 Sep 2023 09:32

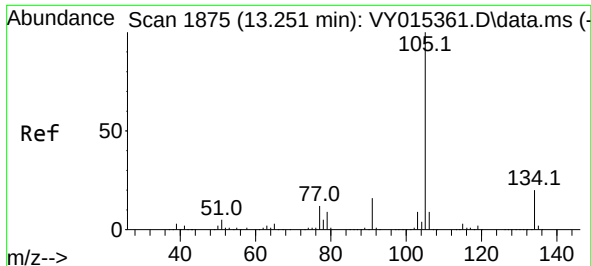
Tgt Ion:105 Resp: 385029

Ion Ratio Lower Upper

105 100

120 45.3 22.2 66.6

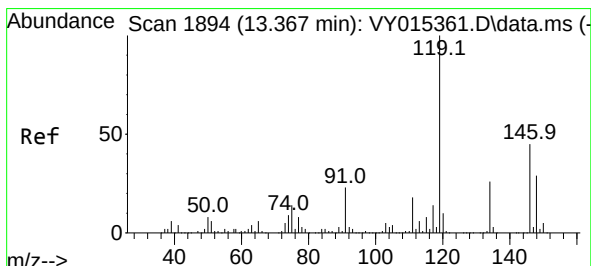
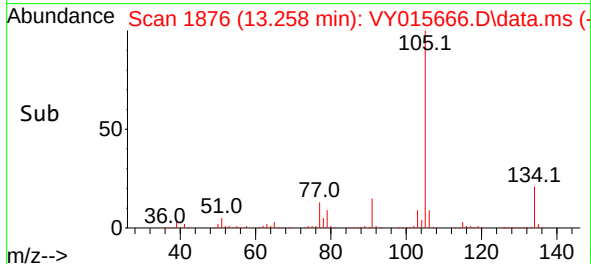
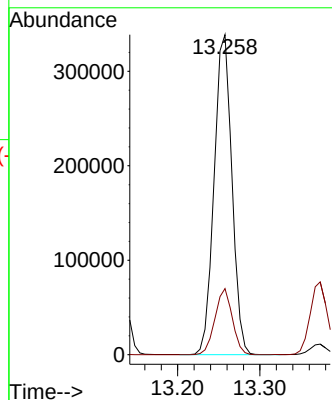
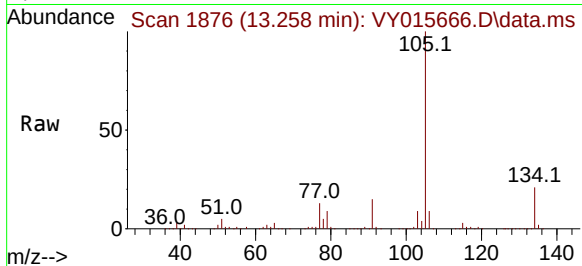




#85
 sec-Butylbenzene
 Concen: 54.930 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.007 min
 Lab File: VY015666.D
 Acq: 21 Sep 2023 09:32

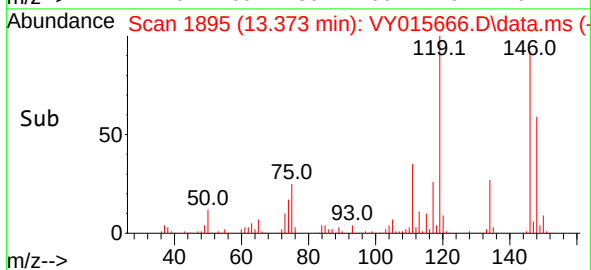
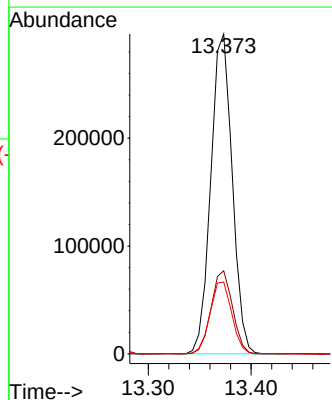
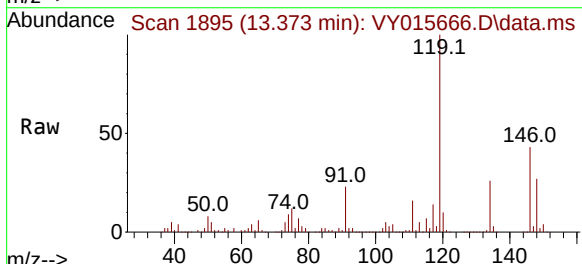
Instrument :
 MSVOA_Y
 ClientSampleId :

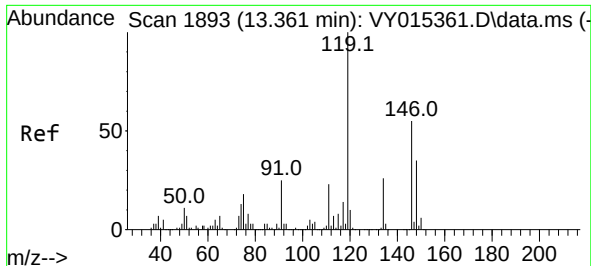
Tgt Ion:105 Resp: 509089
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 55.289 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY015666.D
 Acq: 21 Sep 2023 09:32

Tgt Ion:119 Resp: 428037
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 22.9 12.4 37.4

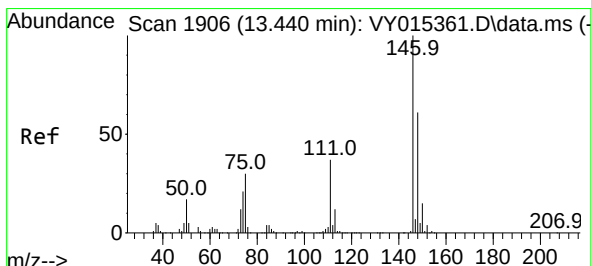
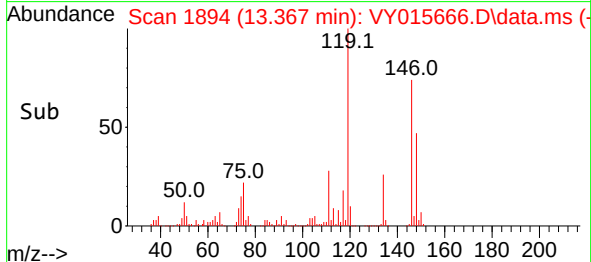
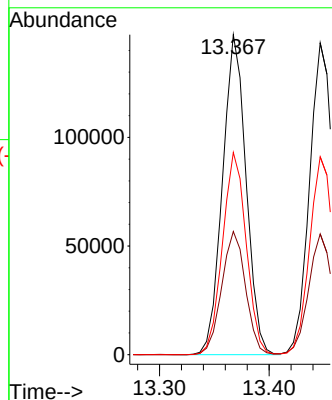
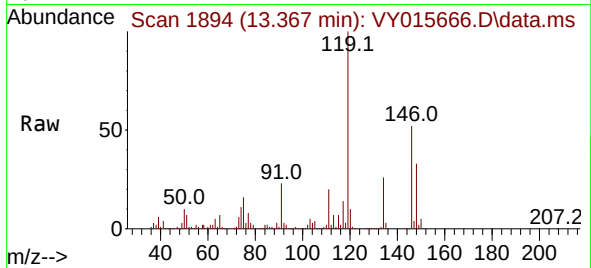




#87
1,3-Dichlorobenzene
Concen: 53.491 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

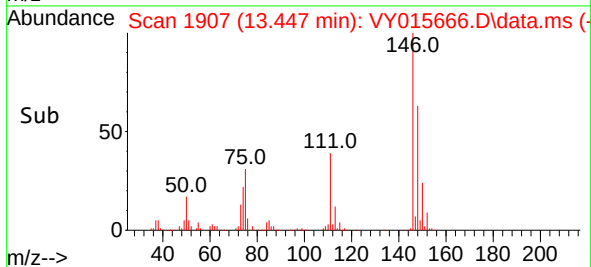
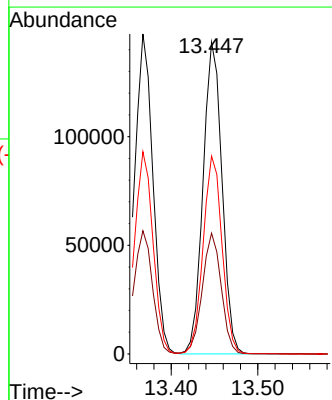
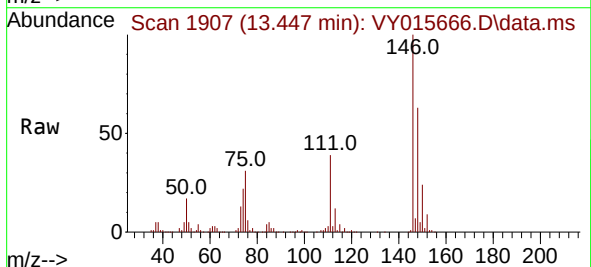
Instrument :
MSVOA_Y
ClientSampleId :

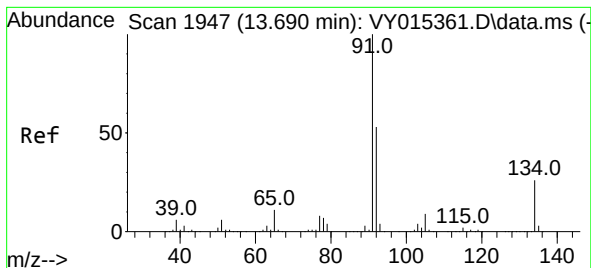
Tgt Ion:146 Resp: 220015
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.2
148 63.6 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 53.024 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion:146 Resp: 218125
Ion Ratio Lower Upper
146 100
111 38.6 18.9 56.7
148 63.3 32.1 96.5





#89

n-Butylbenzene

Concen: 54.263 ug/l

RT: 13.697 min Scan# 1947

Delta R.T. 0.001 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

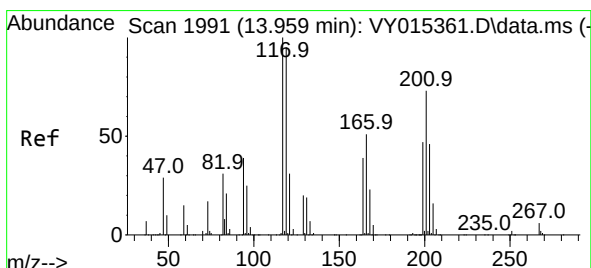
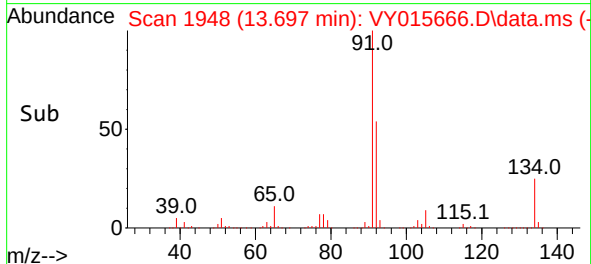
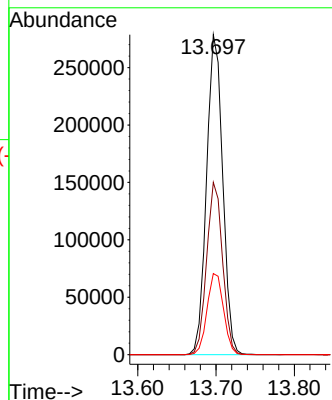
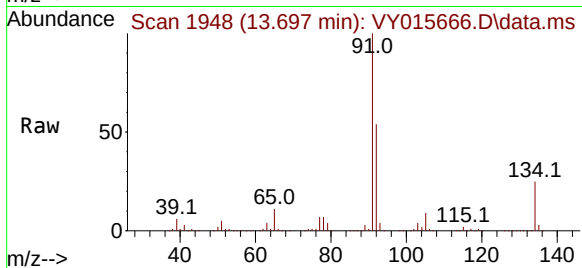
Tgt Ion: 91 Resp: 397796

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 26.0 12.6 37.6



#90

Hexachloroethane

Concen: 54.968 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY015666.D

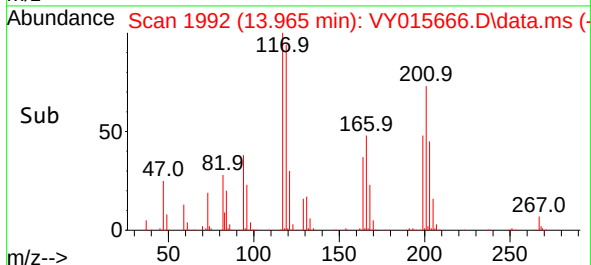
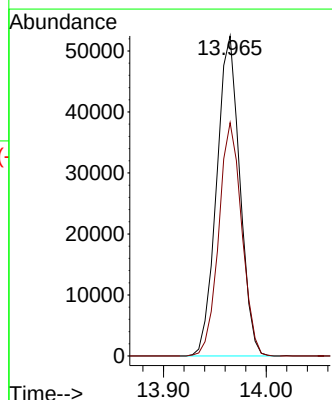
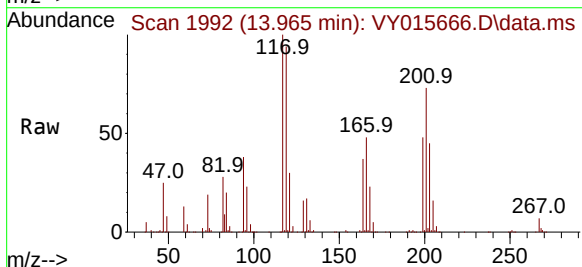
Acq: 21 Sep 2023 09:32

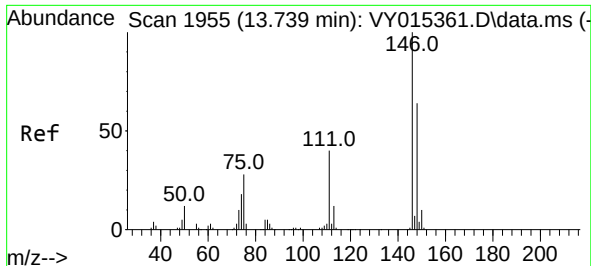
Tgt Ion: 117 Resp: 82130

Ion Ratio Lower Upper

117 100

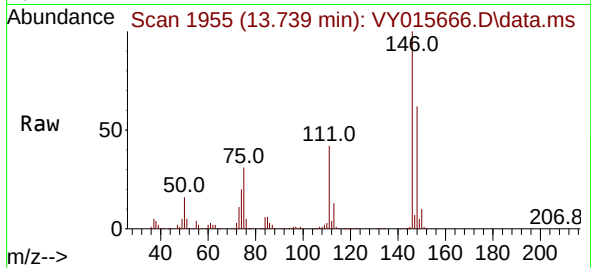
201 72.3 41.6 124.8



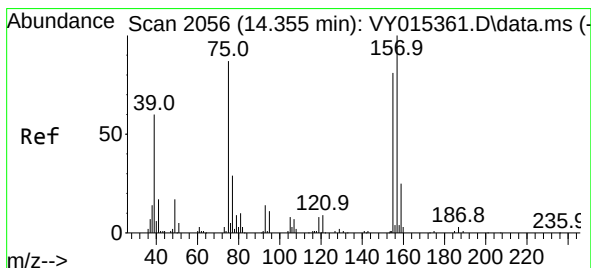
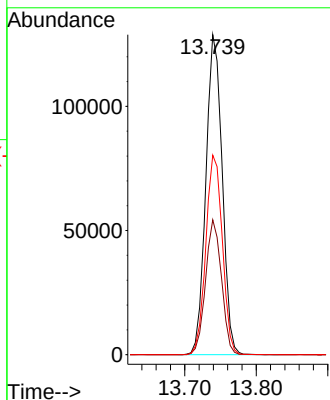
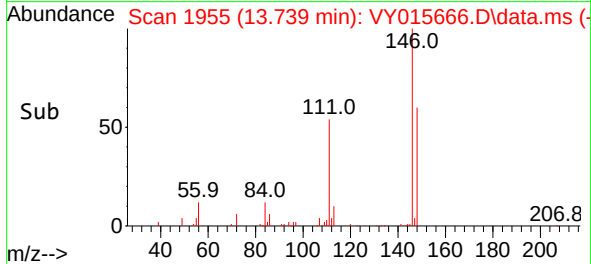


#91
 1,2-Dichlorobenzene
 Concen: 53.679 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY015666.D
 Acq: 21 Sep 2023 09:32

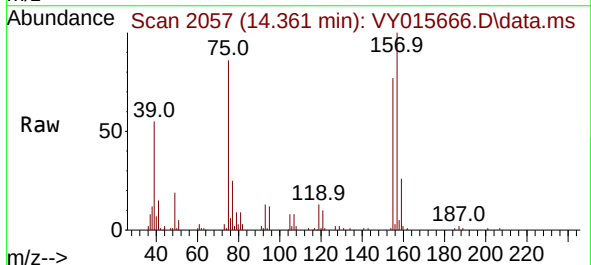
Instrument :
 MSVOA_Y
 ClientSampleId :



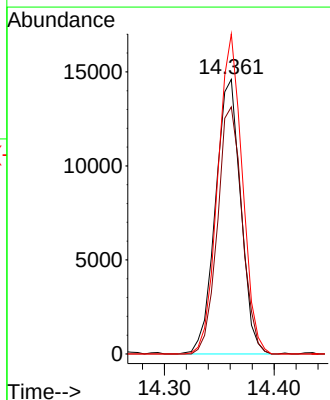
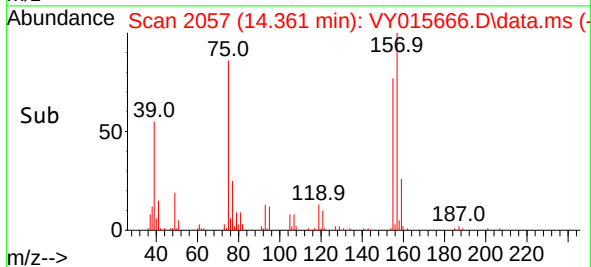
Tgt Ion:146 Resp: 203814
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.7 59.0
 148 63.2 32.0 96.2

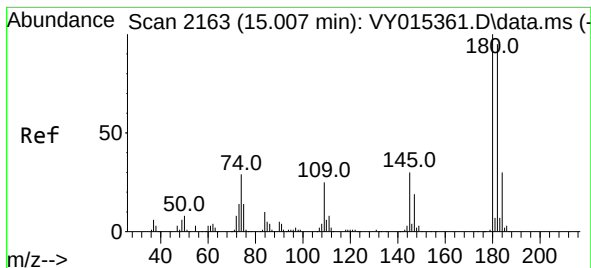


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.058 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY015666.D
 Acq: 21 Sep 2023 09:32



Tgt Ion: 75 Resp: 23370
 Ion Ratio Lower Upper
 75 100
 155 87.5 41.5 124.6
 157 112.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.322 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

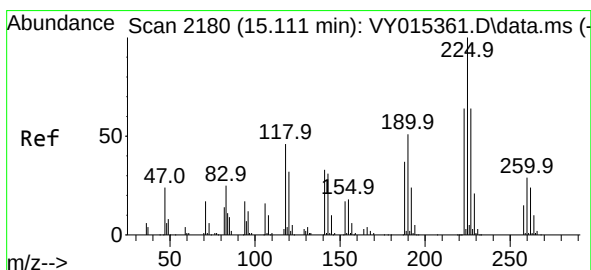
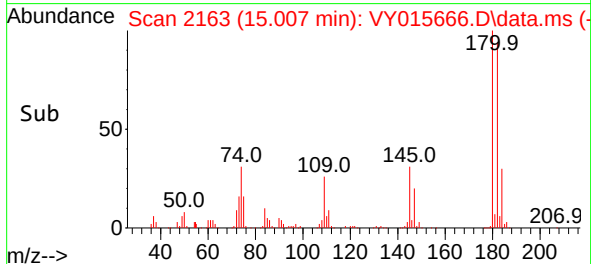
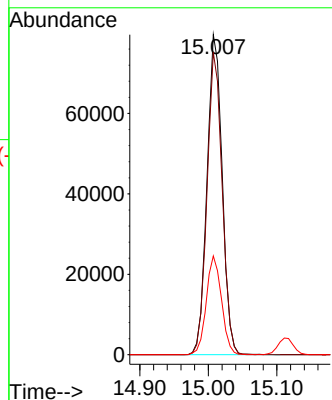
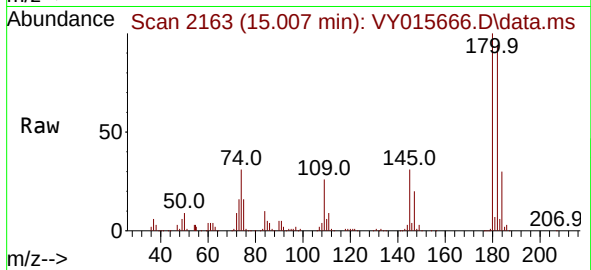
Tgt Ion:180 Resp: 122675

Ion Ratio Lower Upper

180 100

182 94.3 47.0 141.2

145 30.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 52.185 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

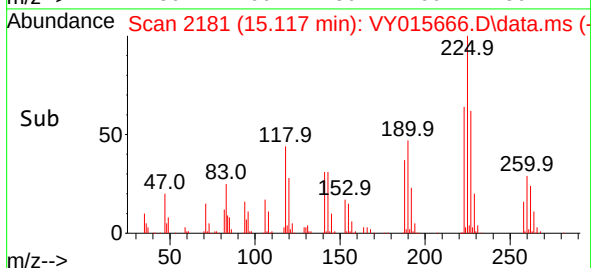
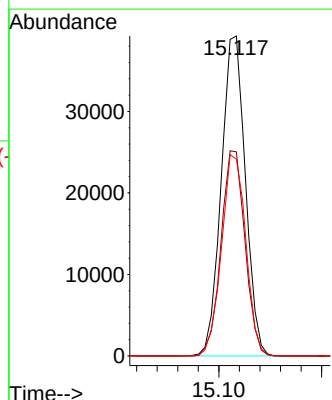
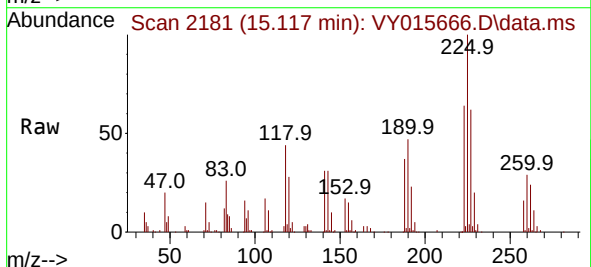
Tgt Ion:225 Resp: 63879

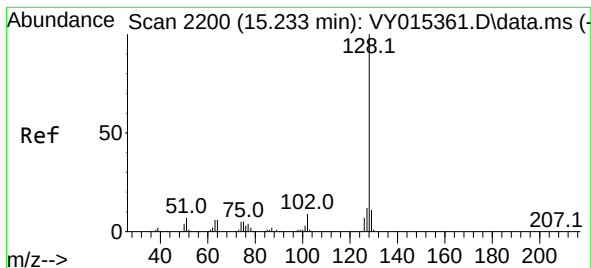
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.9

227 63.3 33.0 98.9





#95

Naphthalene

Concen: 51.558 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

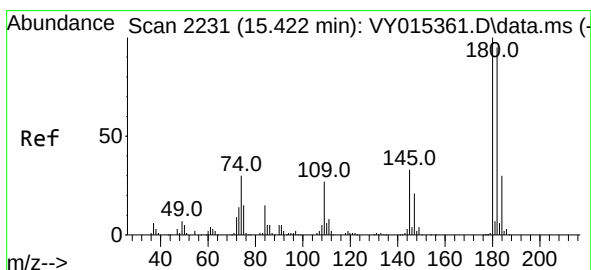
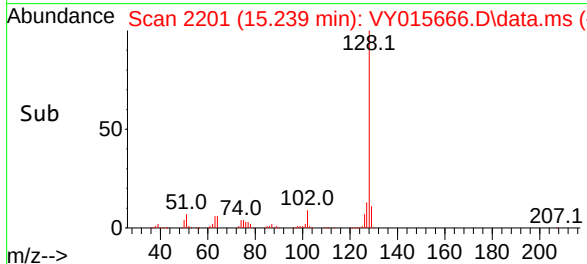
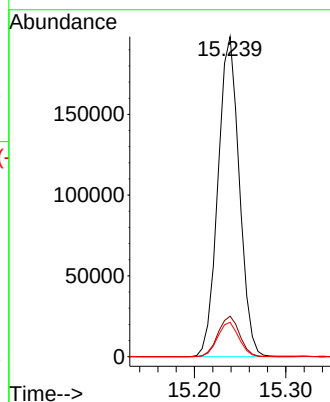
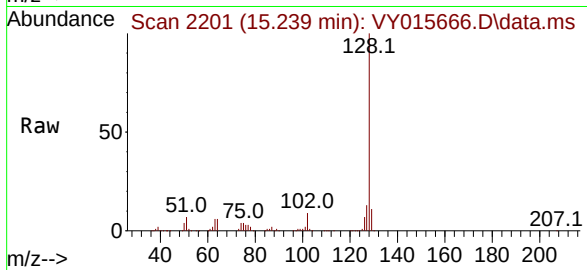
Tgt Ion:128 Resp: 321353

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.260 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Tgt Ion:180 Resp: 113091

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 31.9 15.4 46.2

