

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015668.D
 Acq On : 21 Sep 2023 11:15
 Operator : SY/MD
 Sample : VY0921SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 22 01:17:56 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	141291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	241863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	218113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110707	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	73070	47.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.000%
35) Dibromofluoromethane	7.716	113	70609	48.775	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.560%
50) Toluene-d8	10.179	98	227575	46.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.720%
62) 4-Bromofluorobenzene	12.483	95	88916	46.161	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	18779	20.163	ug/l	99
3) Chloromethane	2.113	50	23375	19.894	ug/l	97
4) Vinyl Chloride	2.253	62	27162	20.219	ug/l	96
5) Bromomethane	2.644	94	21747	18.816	ug/l	98
6) Chloroethane	2.790	64	20399	20.486	ug/l	90
7) Trichlorofluoromethane	3.113	101	47510	21.088	ug/l	95
8) Diethyl Ether	3.534	74	18435	19.188	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	29925	21.214	ug/l	94
10) Methyl Iodide	4.082	142	24035	16.427	ug/l	98
11) Tert butyl alcohol	4.985	59	38197	87.826	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	24754	19.914	ug/l	93
13) Acrolein	3.735	56	18096	76.007	ug/l	99
14) Allyl chloride	4.479	41	43959	19.342	ug/l	95
15) Acrylonitrile	5.161	53	65711	93.233	ug/l	99
16) Acetone	3.954	43	78820	94.741	ug/l	94
17) Carbon Disulfide	4.192	76	44560	18.453	ug/l	98
18) Methyl Acetate	4.485	43	50067	17.936	ug/l	95
19) Methyl tert-butyl Ether	5.229	73	99307	19.616	ug/l	97
20) Methylene Chloride	4.716	84	45019	21.998	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	29003	20.413	ug/l	99
22) Diisopropyl ether	6.119	45	111245	20.339	ug/l	95
23) Vinyl Acetate	6.064	43	328099	97.187	ug/l	96
24) 1,1-Dichloroethane	6.015	63	60986	20.457	ug/l	95
25) 2-Butanone	6.990	43	110746	94.177	ug/l	99
26) 2,2-Dichloropropane	6.984	77	52667	19.329	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	38210	20.258	ug/l	96
28) Bromochloromethane	7.338	49	15957	19.729	ug/l	99
29) Tetrahydrofuran	7.350	42	60466	90.974	ug/l	95
30) Chloroform	7.509	83	66725	20.900	ug/l	97
31) Cyclohexane	7.783	56	44217	20.532	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	54957	20.852	ug/l	98
36) 1,1-Dichloropropene	7.917	75	42595	19.900	ug/l	99
37) Ethyl Acetate	7.076	43	38471	18.019	ug/l	95
38) Carbon Tetrachloride	7.899	117	47712	20.536	ug/l	99
39) Methylcyclohexane	9.185	83	47794	20.188	ug/l	95
40) Benzene	8.161	78	130687	20.021	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	18242	15.869	ug/l #	70
42) 1,2-Dichloroethane	8.234	62	44606	19.953	ug/l	93
43) Isopropyl Acetate	8.271	43	68627	18.817	ug/l	99
44) Trichloroethene	8.941	130	37129	20.366	ug/l	98
45) 1,2-Dichloropropane	9.216	63	37061	20.360	ug/l	100
46) Dibromomethane	9.307	93	23183	19.910	ug/l	94
47) Bromodichloromethane	9.496	83	52074	20.064	ug/l	99
48) Methyl methacrylate	9.295	41	29362	18.342	ug/l	91
49) 1,4-Dioxane	9.319	88	8467	368.075	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	212935	94.200	ug/l	95
52) Toluene	10.246	92	84853	20.164	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	53582	19.252	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	58629	19.570	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	34175	20.028	ug/l	97
56) Ethyl methacrylate	10.508	69	47511	18.894	ug/l	89
57) 1,3-Dichloropropane	10.789	76	57539	20.108	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	81132	101.571	ug/l	96
59) 2-Hexanone	10.831	43	163196	94.102	ug/l	92
60) Dibromochloromethane	10.984	129	39143	19.651	ug/l	99
61) 1,2-Dibromoethane	11.087	107	32399	19.408	ug/l	98
64) Tetrachloroethene	10.721	164	39135	20.913	ug/l	97
65) Chlorobenzene	11.514	112	97143	20.404	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	38280	20.699	ug/l	98
67) Ethyl Benzene	11.593	91	171029	20.553	ug/l	98
68) m/p-Xylenes	11.703	106	130802	41.355	ug/l	95
69) o-Xylene	12.032	106	62596	20.183	ug/l	99
70) Styrene	12.044	104	108847	20.503	ug/l	97
71) Bromoform	12.209	173	26424	19.717	ug/l #	99
73) Isopropylbenzene	12.331	105	172855	20.814	ug/l	98
74) N-amyl acetate	12.142	43	59150	18.950	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	44969	19.456	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	58266	32.991	ug/l #	100
77) Bromobenzene	12.611	156	40795	20.011	ug/l	94
78) n-propylbenzene	12.672	91	210497	20.863	ug/l	99
79) 2-Chlorotoluene	12.758	91	117428	20.418	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	143590	20.653	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	14629	18.653	ug/l	97
82) 4-Chlorotoluene	12.855	91	123912	20.639	ug/l	99
83) tert-Butylbenzene	13.075	119	125452	20.602	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	142834	20.532	ug/l	97
85) sec-Butylbenzene	13.252	105	191181	20.979	ug/l	100
86) p-Isopropyltoluene	13.367	119	158388	20.807	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	81409	20.129	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	83089	20.542	ug/l	99
89) n-Butylbenzene	13.697	91	149124	20.688	ug/l	98
90) Hexachloroethane	13.959	117	30528	20.780	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	76910	20.601	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8611	18.758	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	47115	20.046	ug/l	99
94) Hexachlorobutadiene	15.111	225	25399	21.102	ug/l	98
95) Naphthalene	15.239	128	116671	19.037	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	43016	19.829	ug/l	98

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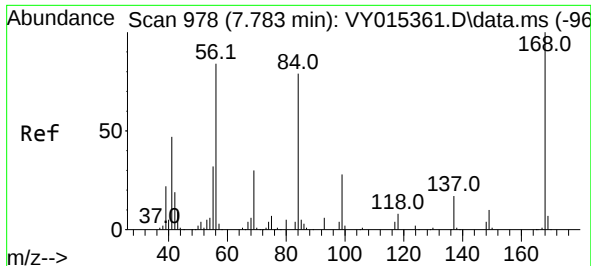
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QLast Update : Wed Sep 20 01:39:40 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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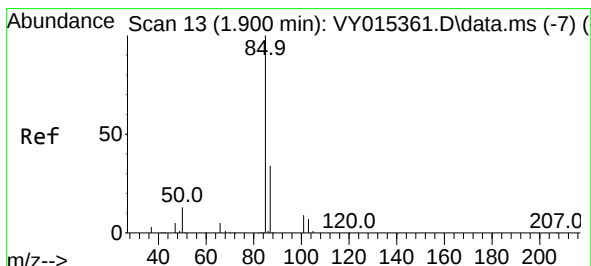
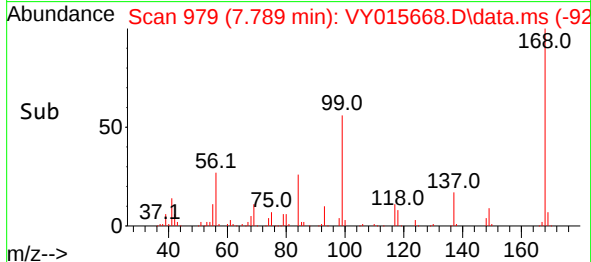
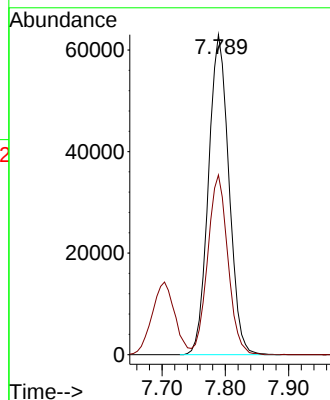
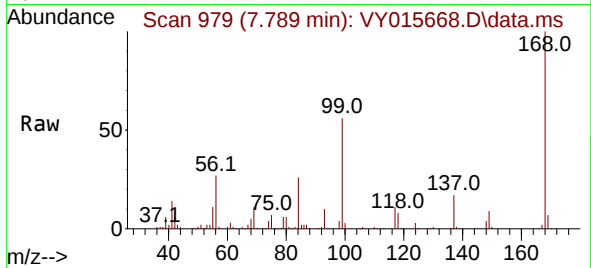




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

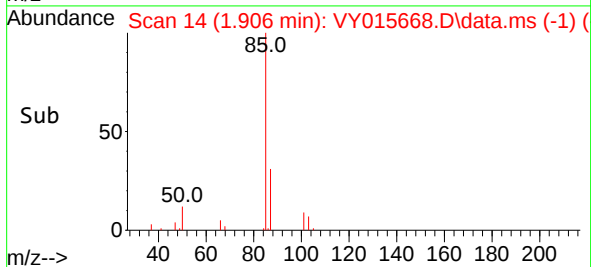
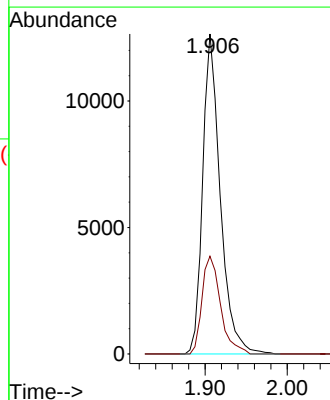
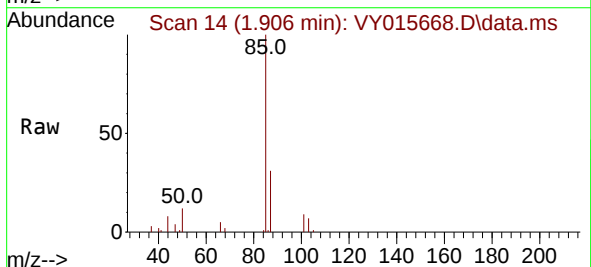
Instrument :
MSVOA_Y
ClientSampleId :

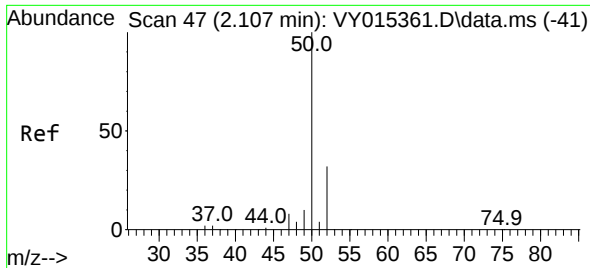
Tgt Ion:168 Resp: 141291
Ion Ratio Lower Upper
168 100
99 56.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 20.163 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

Tgt Ion: 85 Resp: 18779
Ion Ratio Lower Upper
85 100
87 30.6 15.6 46.8

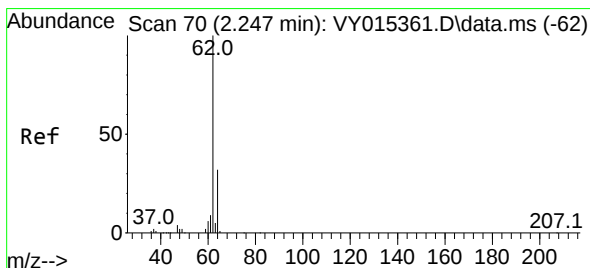
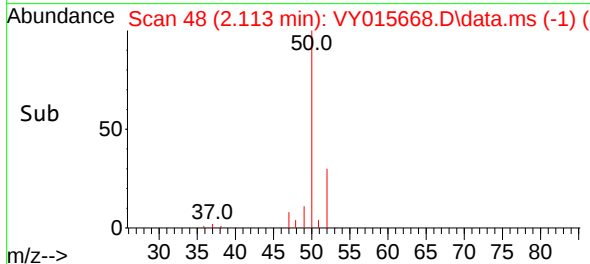
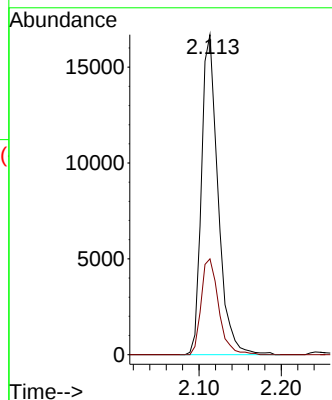
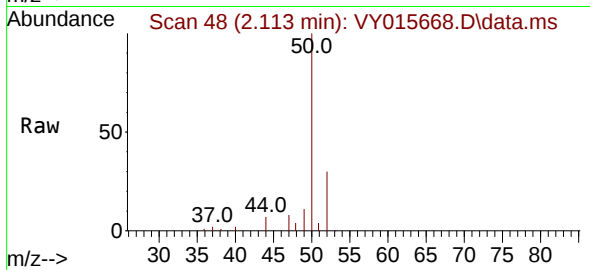




#3
Chloromethane
Concen: 19.894 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

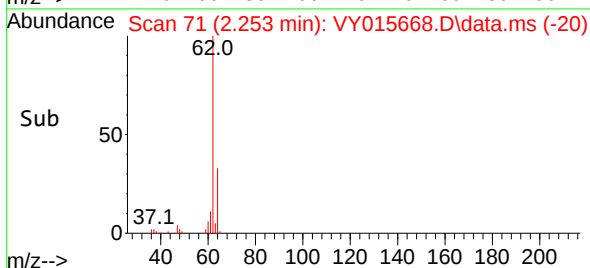
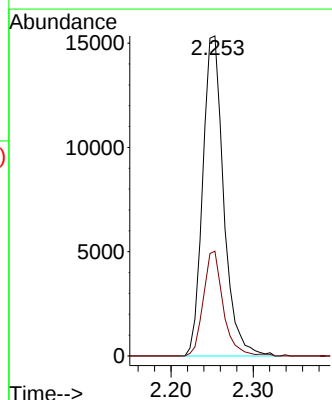
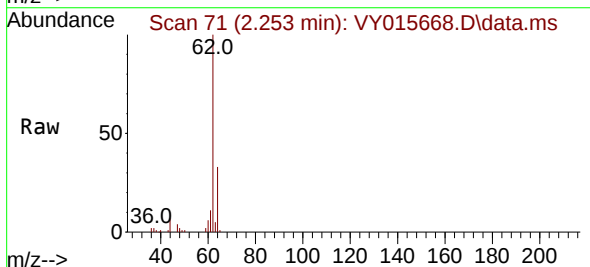
Instrument :
MSVOA_Y
ClientSampleId :

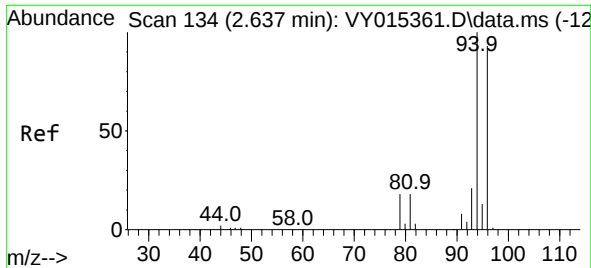
Tgt Ion: 50 Resp: 23375
Ion Ratio Lower Upper
50 100
52 29.9 25.4 38.2



#4
Vinyl Chloride
Concen: 20.219 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.012 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

Tgt Ion: 62 Resp: 27162
Ion Ratio Lower Upper
62 100
64 32.7 24.3 36.5

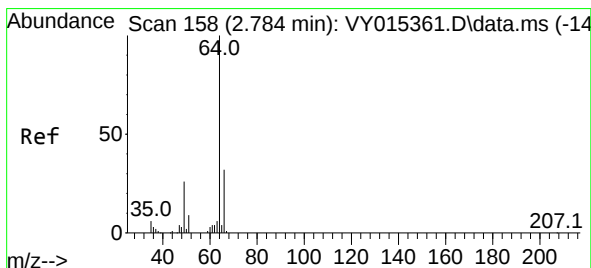
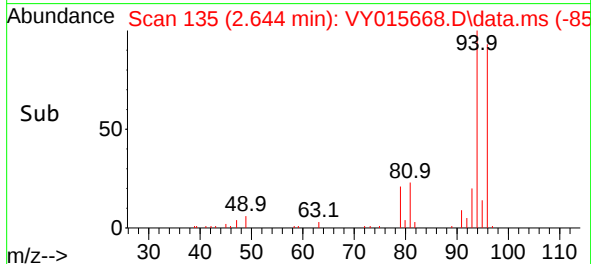
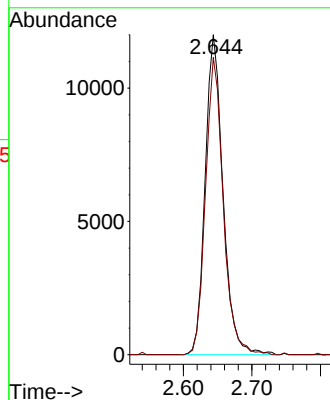
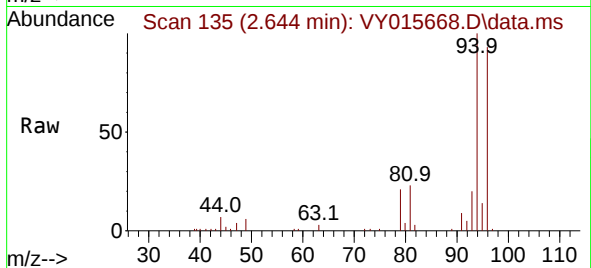




#5
Bromomethane
Concen: 18.816 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

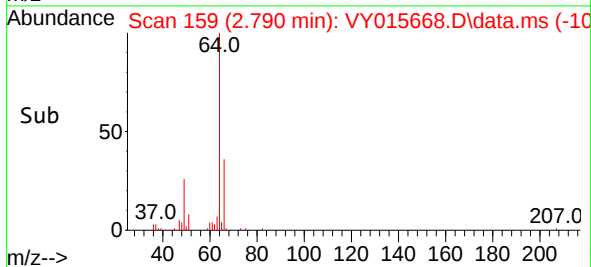
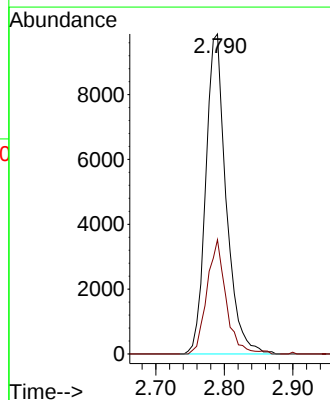
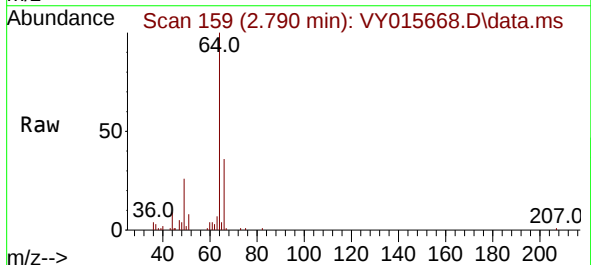
Instrument :
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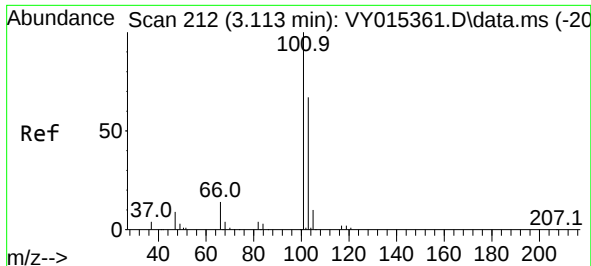
Tgt Ion: 94 Resp: 21747
Ion Ratio Lower Upper
94 100
96 93.0 75.8 113.6



#6
Chloroethane
Concen: 20.486 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

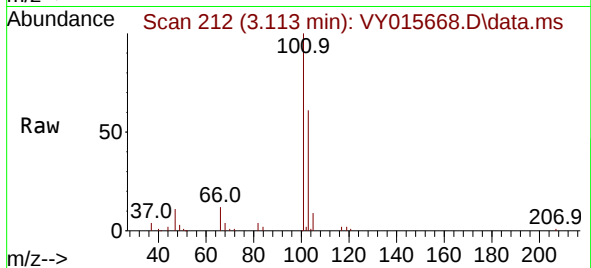
Tgt Ion: 64 Resp: 20399
Ion Ratio Lower Upper
64 100
66 35.7 24.4 36.6



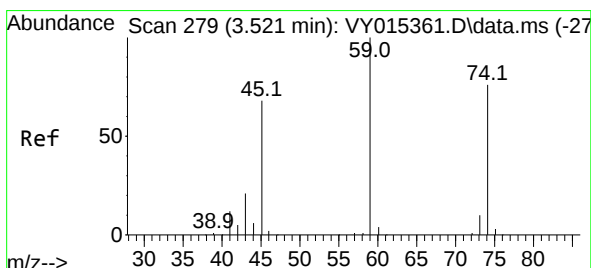
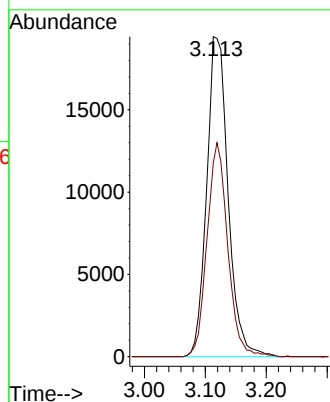
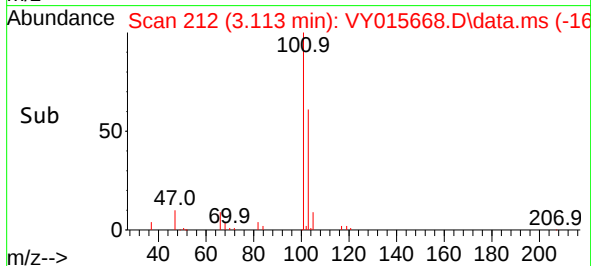


#7
 Trichlorofluoromethane
 Concen: 21.088 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY015668.D
 Acq: 21 Sep 2023 11:15

Instrument :
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 ClientSampleId :

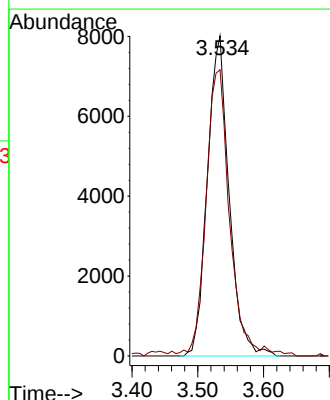
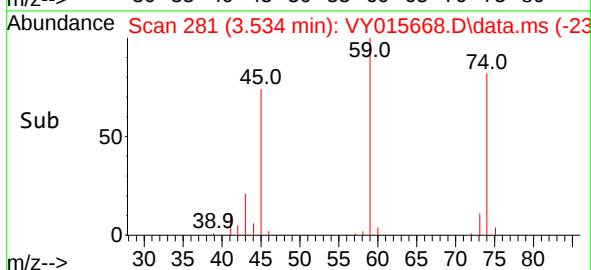
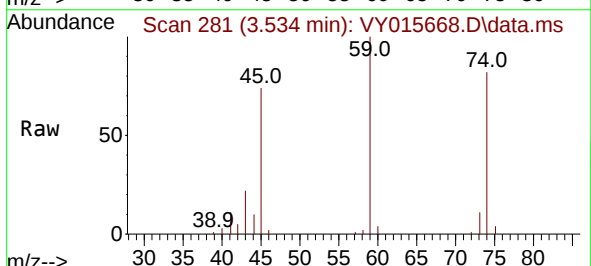


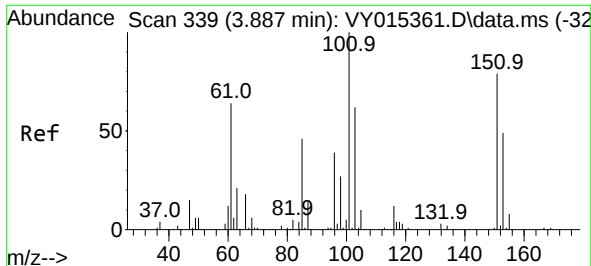
Tgt Ion:101 Resp: 47510
 Ion Ratio Lower Upper
 101 100
 103 60.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.188 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.013 min
 Lab File: VY015668.D
 Acq: 21 Sep 2023 11:15

Tgt Ion: 74 Resp: 18435
 Ion Ratio Lower Upper
 74 100
 45 93.3 51.5 154.5

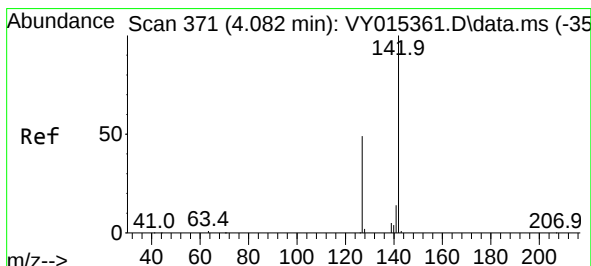
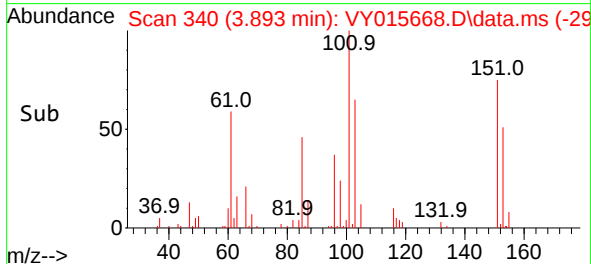
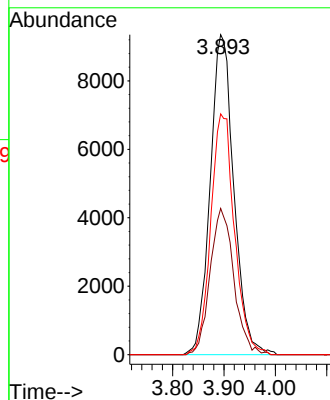
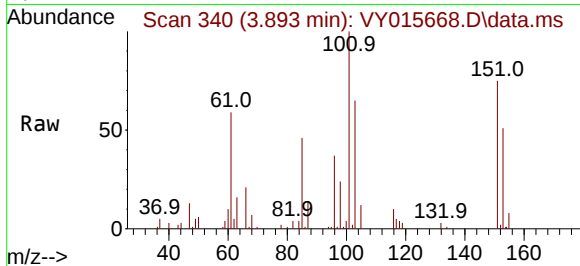




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.214 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

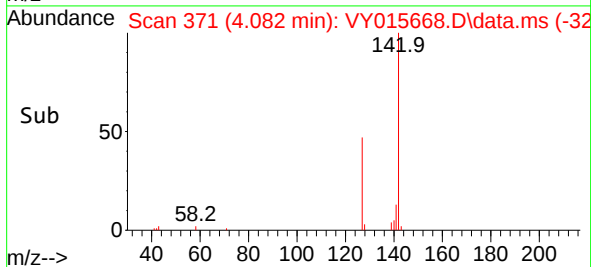
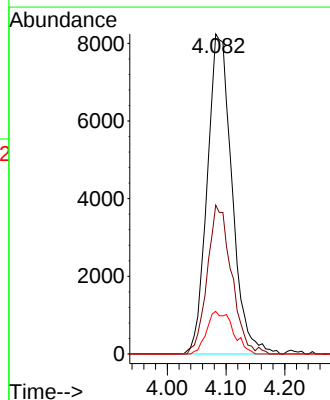
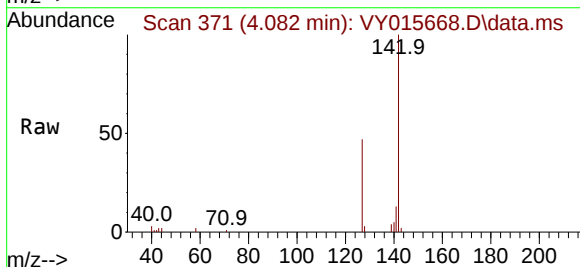
Instrument :
MSVOA_Y
ClientSampleId :

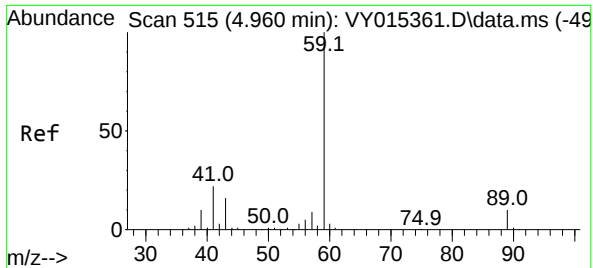
Tgt Ion:101 Resp: 29925
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 75.4 67.0 100.6



#10
Methyl Iodide
Concen: 16.427 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

Tgt Ion:142 Resp: 24035
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 14.1 11.8 17.8

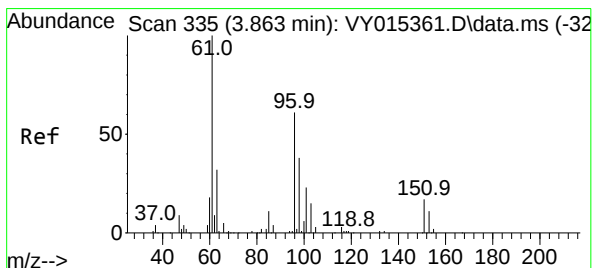
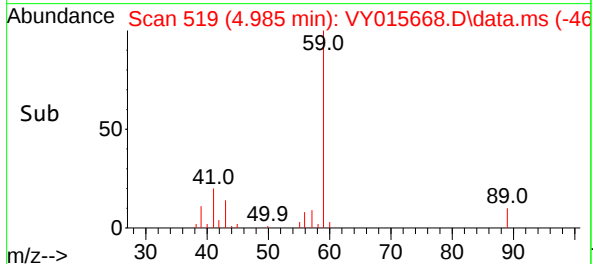
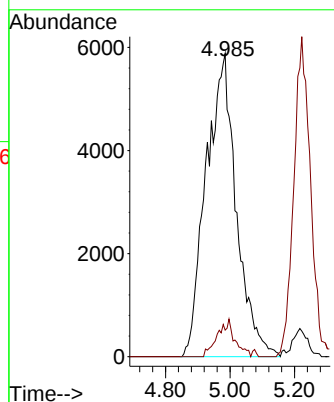
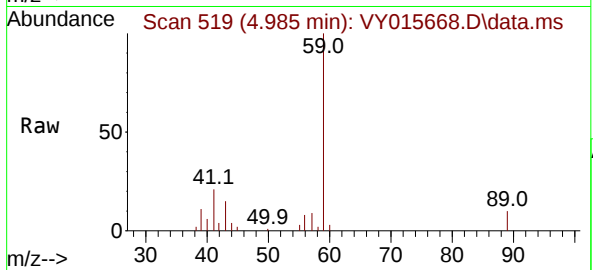




#11
Tert butyl alcohol
Concen: 87.826 ug/l
RT: 4.985 min Scan# 515
Delta R.T. 0.031 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

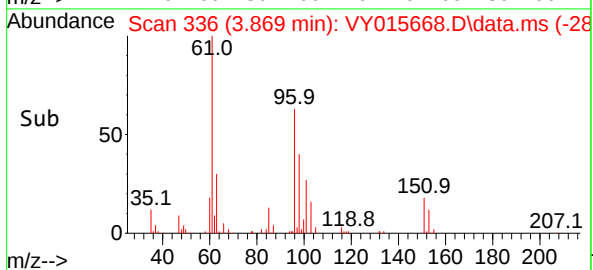
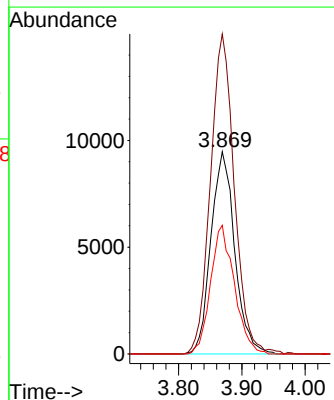
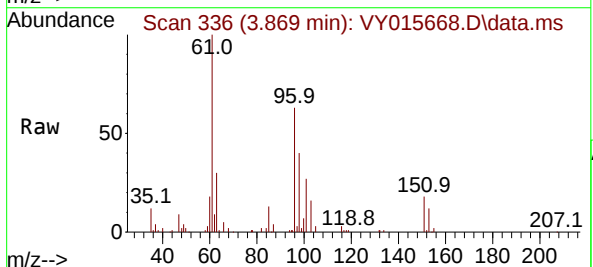
Instrument :
MSVOA_Y
ClientSampleId :

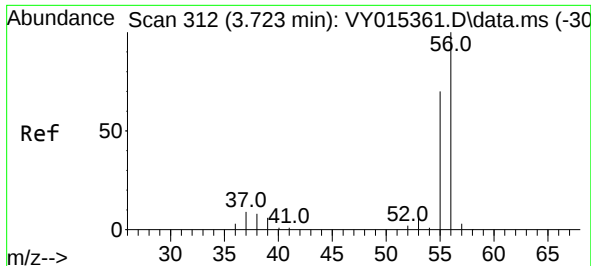
Tgt Ion: 59 Resp: 38197
Ion Ratio Lower Upper
59 100
57 7.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.914 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

Tgt Ion: 96 Resp: 24754
Ion Ratio Lower Upper
96 100
61 158.2 136.4 204.6
98 63.6 49.4 74.2





#13

Acrolein

Concen: 76.007 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

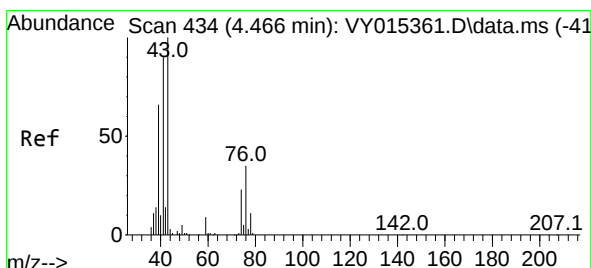
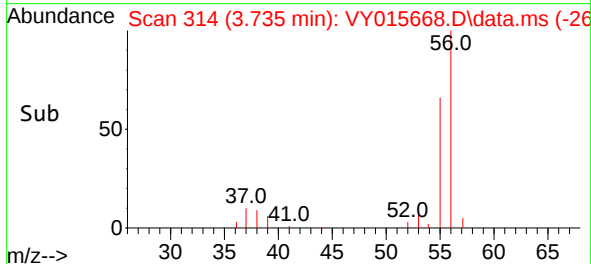
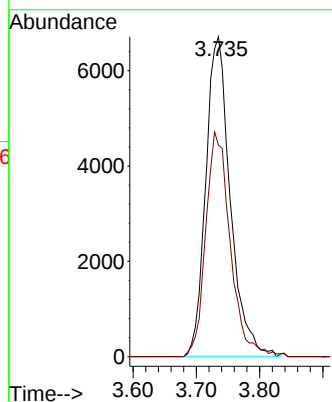
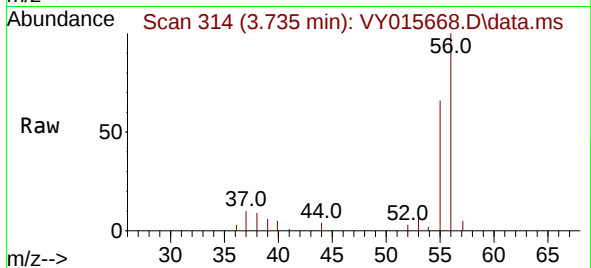
ClientSampleId :

Tgt Ion: 56 Resp: 18096

Ion Ratio Lower Upper

56 100

55 70.4 57.0 85.4



#14

Allyl chloride

Concen: 19.342 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.007 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

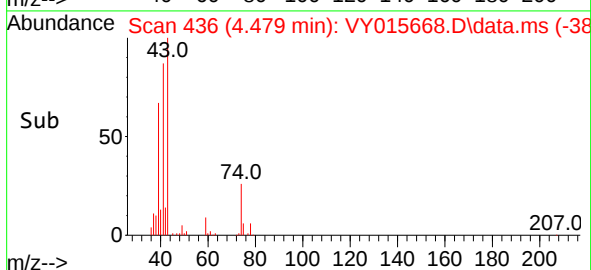
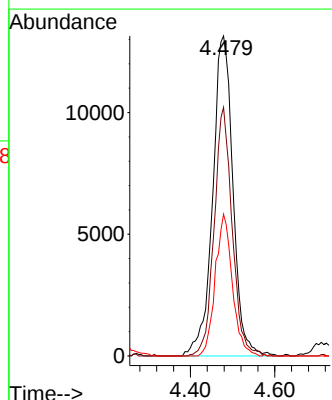
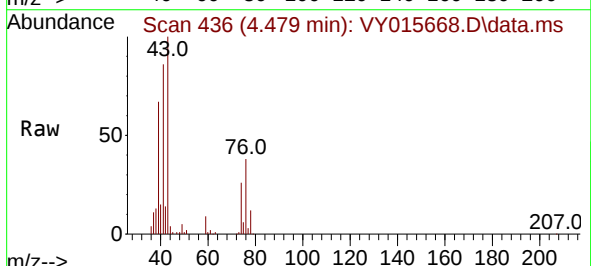
Tgt Ion: 41 Resp: 43959

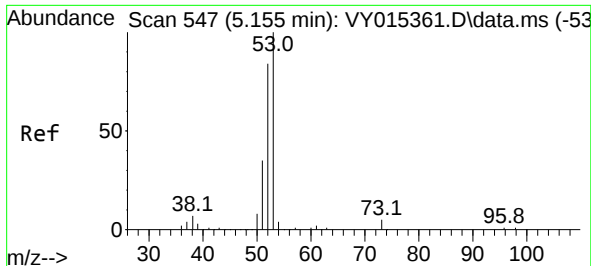
Ion Ratio Lower Upper

41 100

39 68.9 58.0 87.0

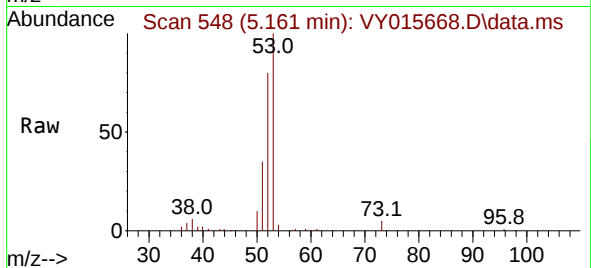
76 37.2 27.4 41.2



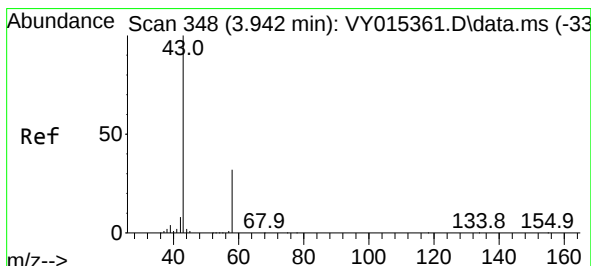
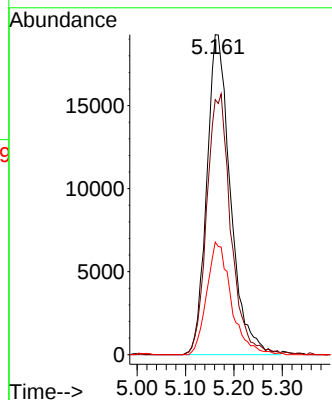
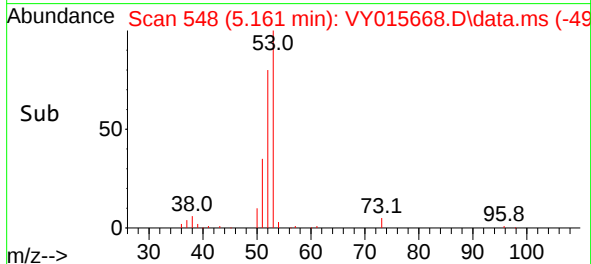


#15
Acrylonitrile
Concen: 93.233 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

Instrument :
MSVOA_Y
ClientSampleId :

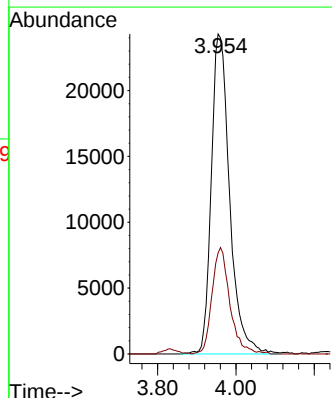
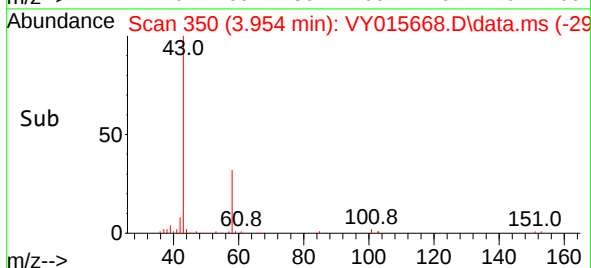
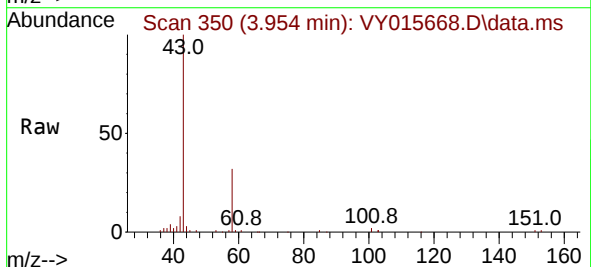


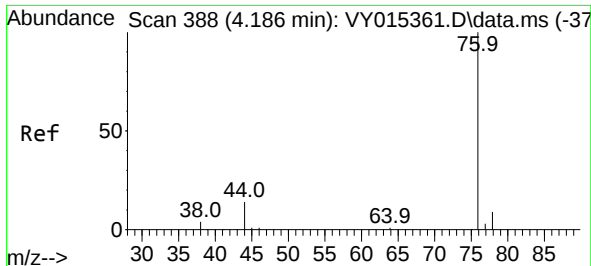
Tgt Ion:	53	Resp:	65711
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.9	100.3
51	36.4	29.8	44.6



#16
Acetone
Concen: 94.741 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

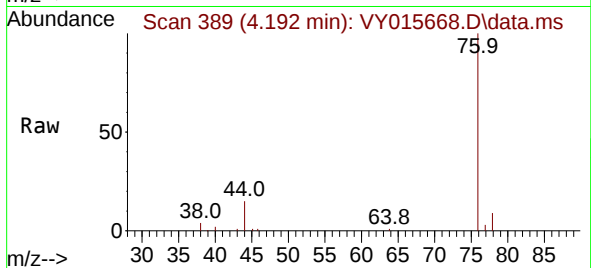
Tgt Ion:	43	Resp:	78820
Ion	Ratio	Lower	Upper
43	100		
58	31.6	22.7	34.1



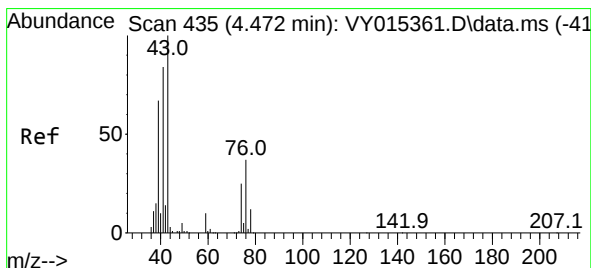
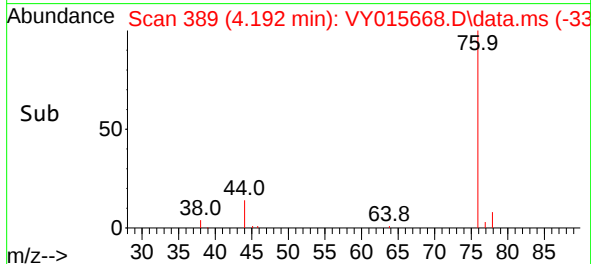
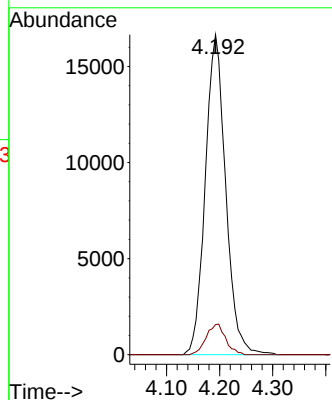


#17
Carbon Disulfide
Concen: 18.453 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

Instrument :
MSVOA_Y
ClientSampleId :

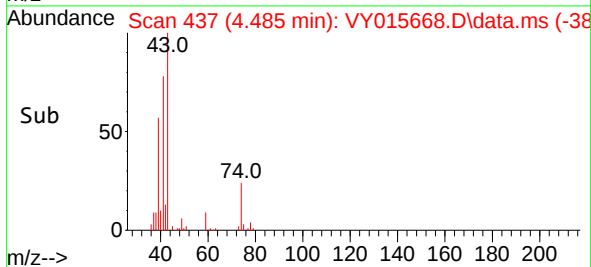
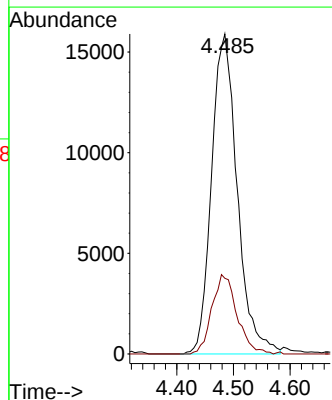
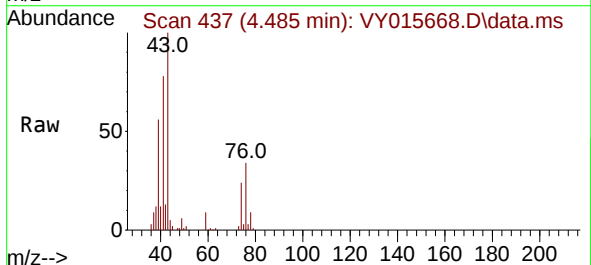


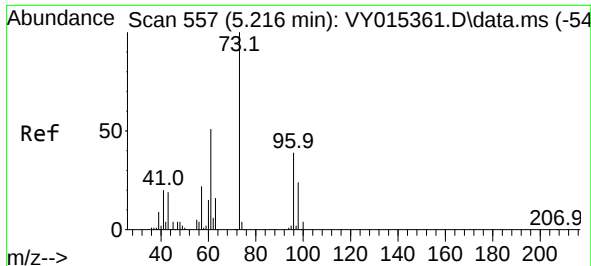
Tgt Ion: 76 Resp: 44560
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 17.936 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

Tgt Ion: 43 Resp: 50067
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 19.616 ug/l

RT: 5.229 min Scan# 51

Delta R.T. 0.019 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

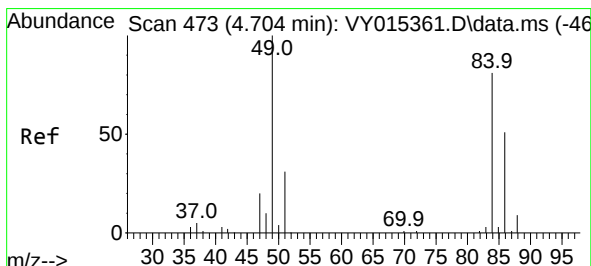
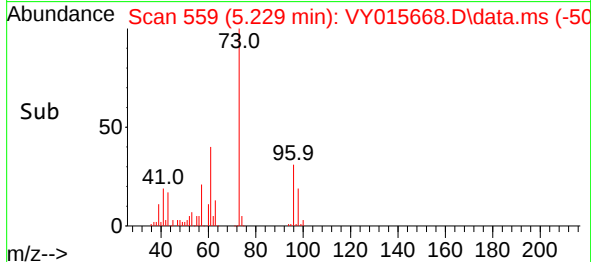
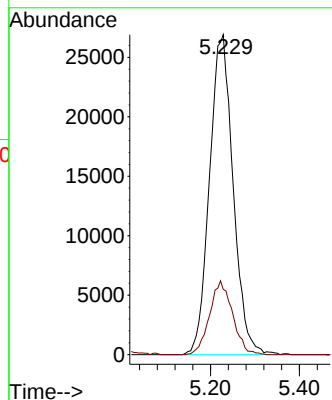
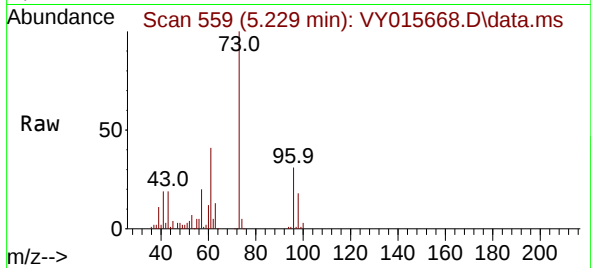
ClientSampleId :

Tgt Ion: 73 Resp: 99307

Ion Ratio Lower Upper

73 100

57 20.4 17.3 25.9



#20

Methylene Chloride

Concen: 21.998 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Tgt Ion: 84 Resp: 45019

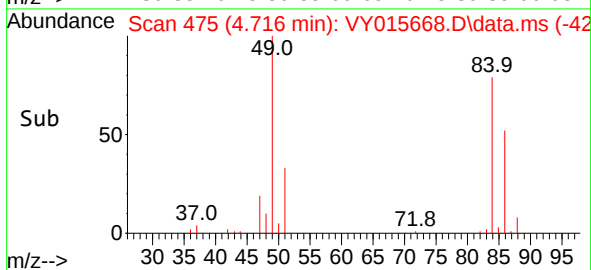
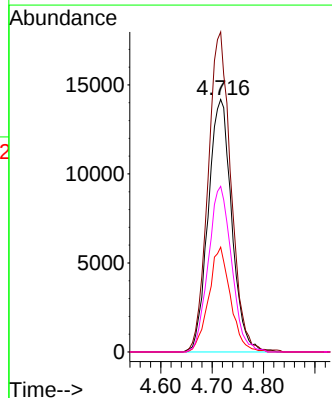
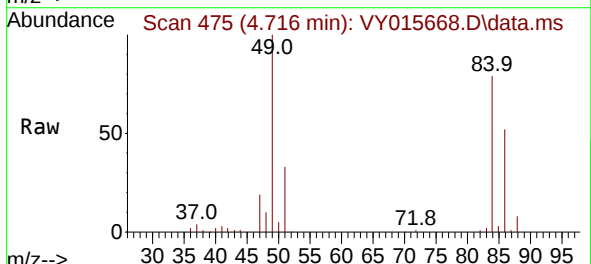
Ion Ratio Lower Upper

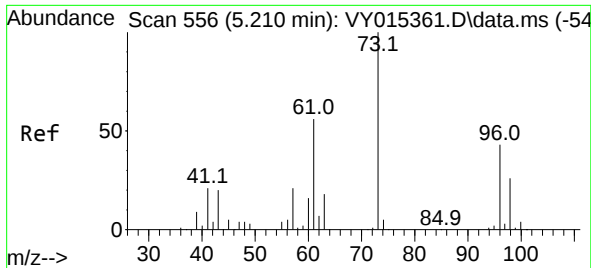
84 100

49 126.8 106.9 160.3

51 41.6 33.2 49.8

86 65.6 51.0 76.6

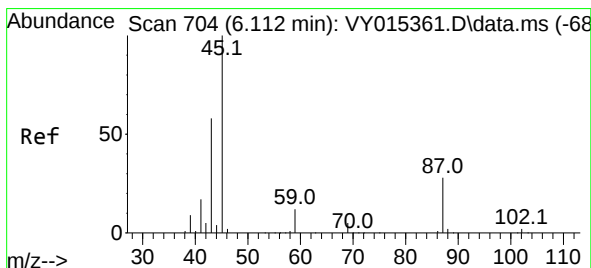
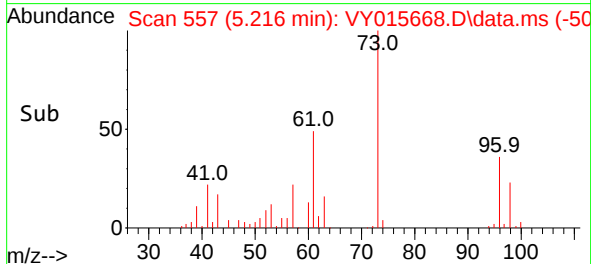
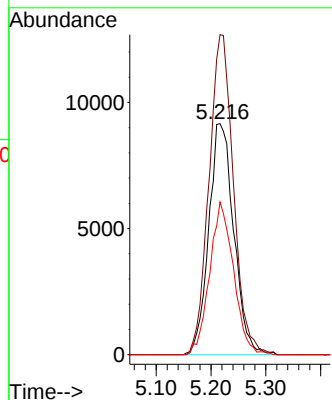
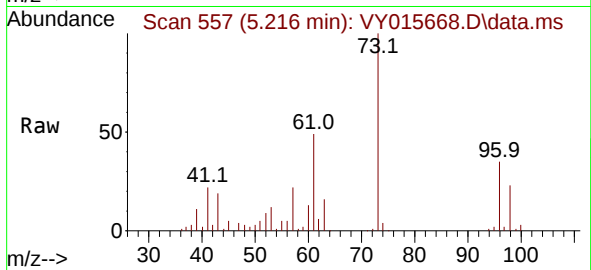




#21
trans-1,2-Dichloroethene
Concen: 20.413 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

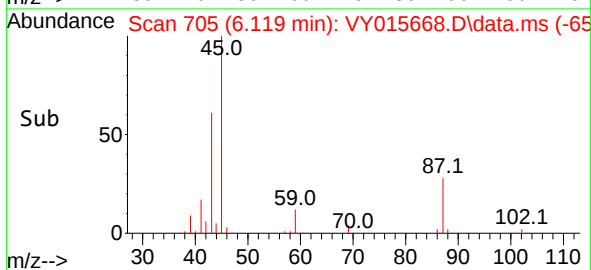
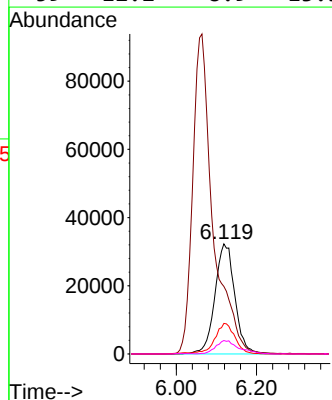
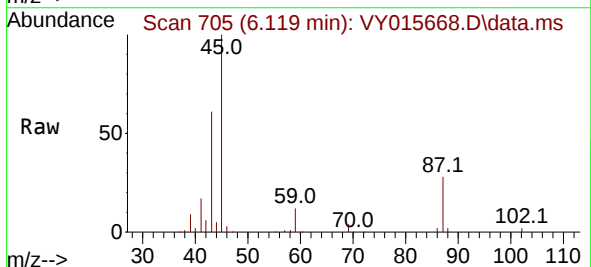
Instrument :
MSVOA_Y
ClientSampleId :

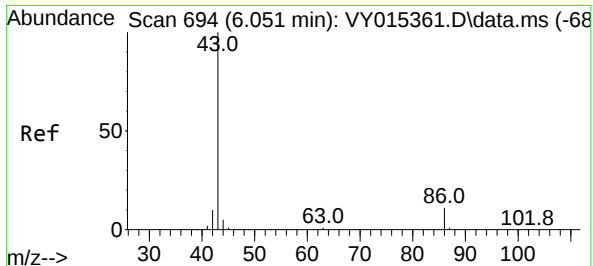
Tgt Ion: 96 Resp: 29003
Ion Ratio Lower Upper
96 100
61 138.5 110.2 165.4
98 66.0 51.8 77.6



#22
Diisopropyl ether
Concen: 20.339 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.007 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

Tgt Ion: 45 Resp: 111245
Ion Ratio Lower Upper
45 100
43 60.7 52.2 78.4
87 27.7 21.0 31.6
59 12.2 8.9 13.3





#23

Vinyl Acetate

Concen: 97.187 ug/l

RT: 6.064 min Scan# 694

Delta R.T. 0.013 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

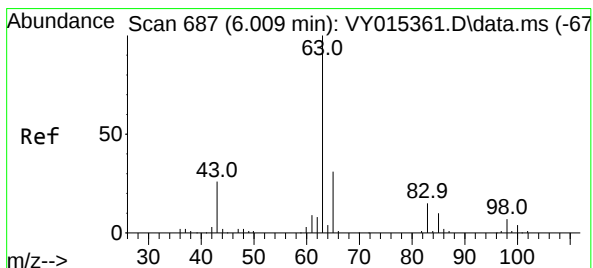
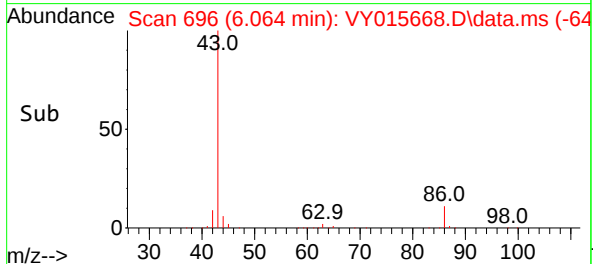
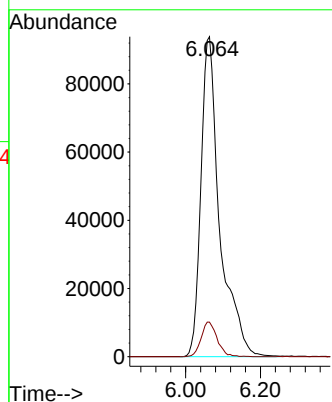
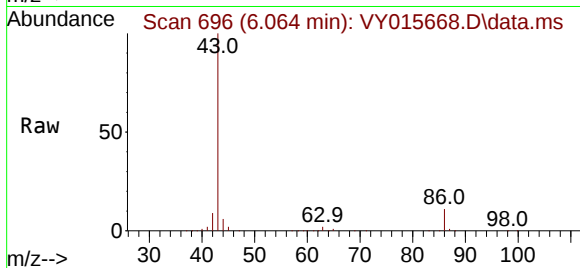
ClientSampleId :

Tgt Ion: 43 Resp: 328099

Ion Ratio Lower Upper

43 100

86 10.8 7.5 11.3



#24

1,1-Dichloroethane

Concen: 20.457 ug/l

RT: 6.015 min Scan# 688

Delta R.T. 0.012 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

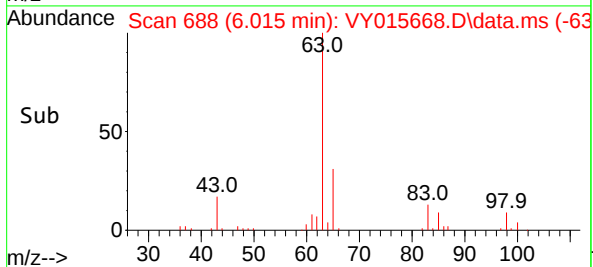
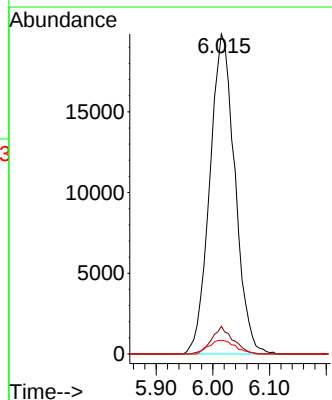
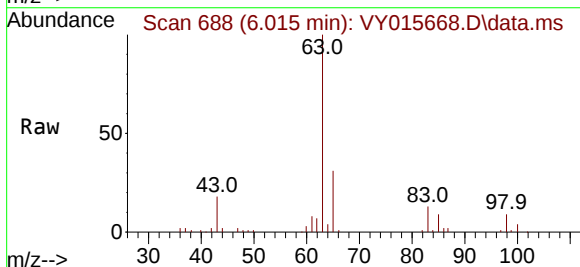
Tgt Ion: 63 Resp: 60986

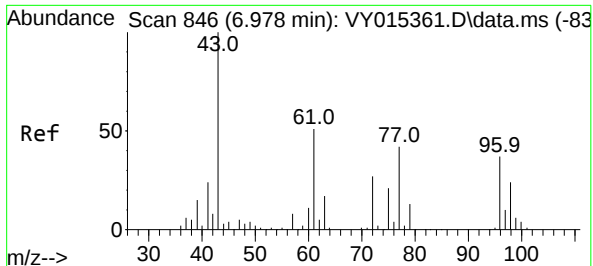
Ion Ratio Lower Upper

63 100

98 8.7 3.1 9.4

100 4.3 1.8 5.5





#25

2-Butanone

Concen: 94.177 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

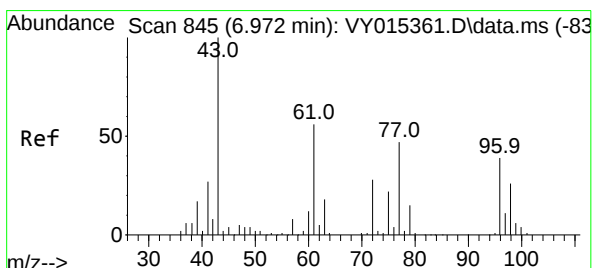
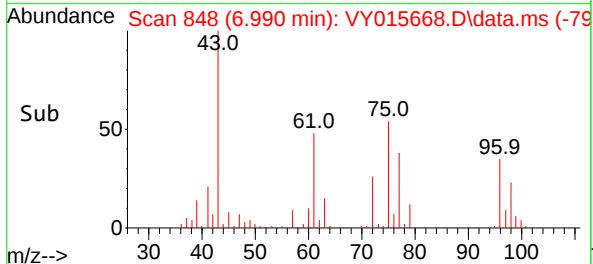
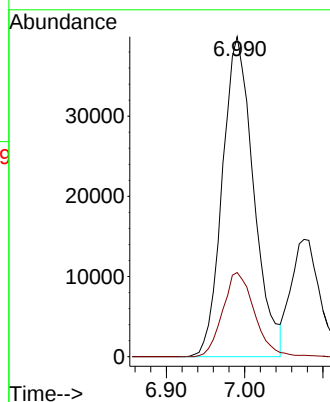
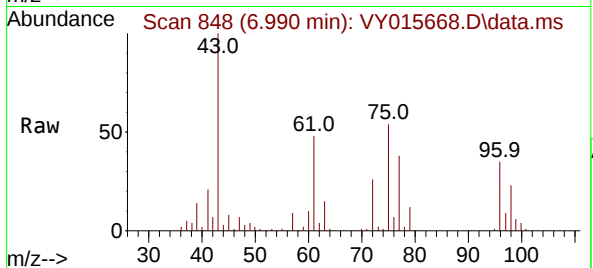
ClientSampleId :

Tgt Ion: 43 Resp: 110746

Ion Ratio Lower Upper

43 100

72 26.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 19.329 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY015668.D

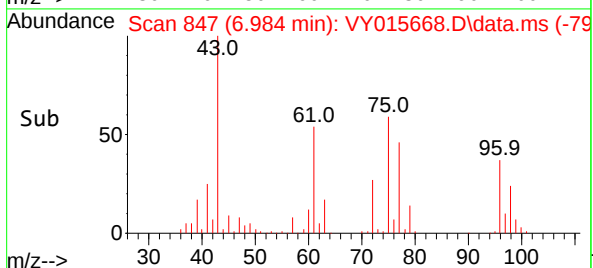
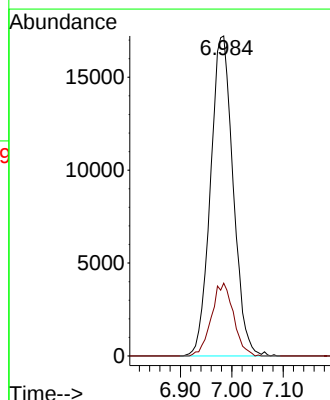
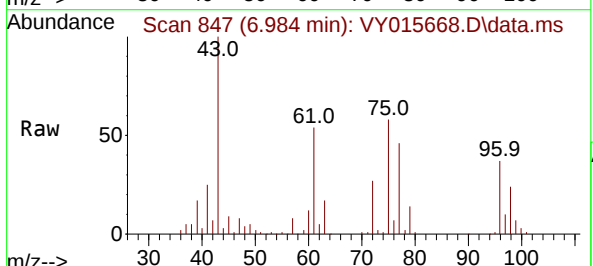
Acq: 21 Sep 2023 11:15

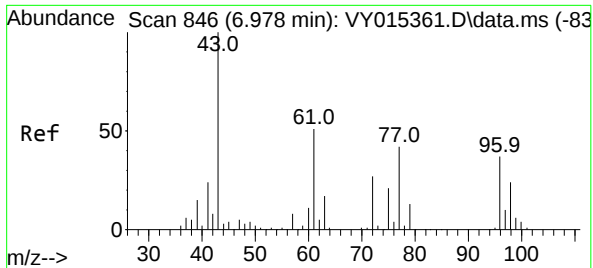
Tgt Ion: 77 Resp: 52667

Ion Ratio Lower Upper

77 100

97 22.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.258 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

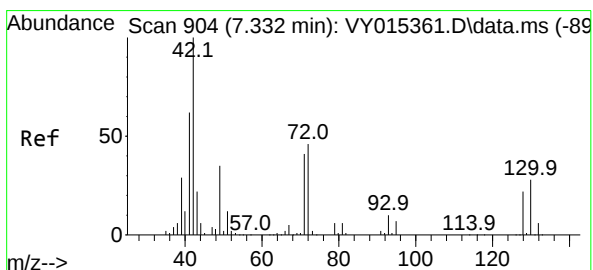
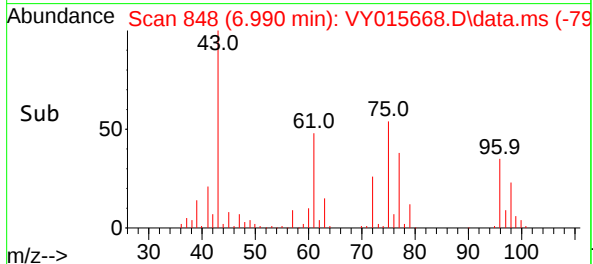
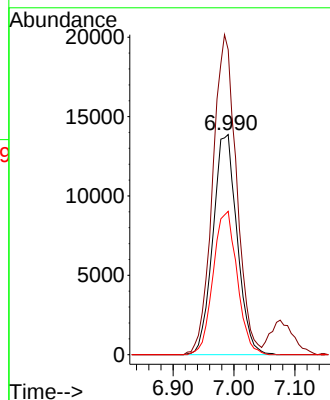
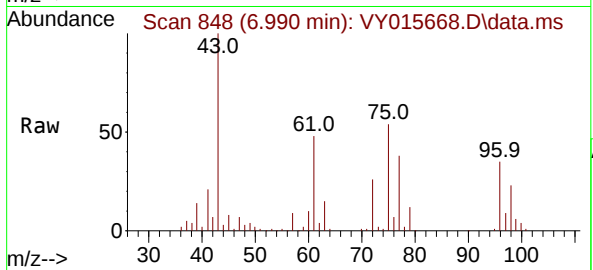
Tgt Ion: 96 Resp: 38210

Ion Ratio Lower Upper

96 100

61 143.8 0.0 301.4

98 65.0 0.0 130.4



#28

Bromochloromethane

Concen: 19.729 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

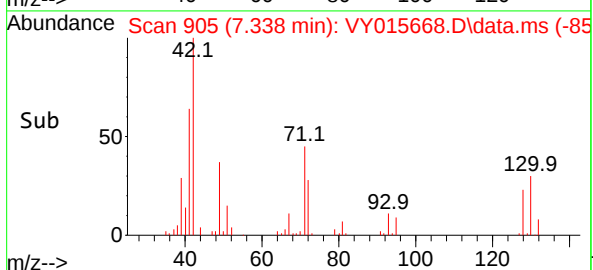
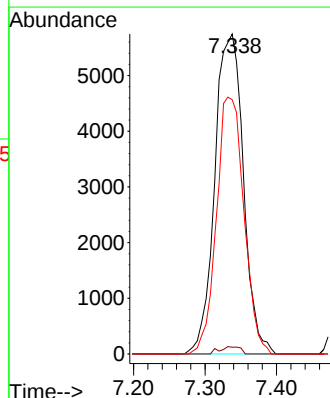
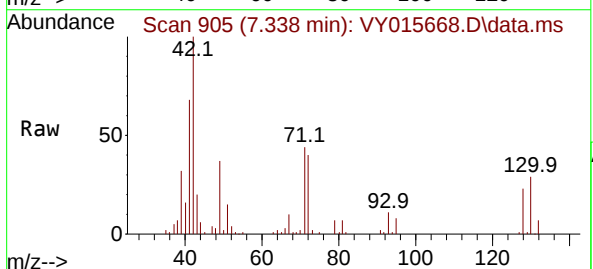
Tgt Ion: 49 Resp: 15957

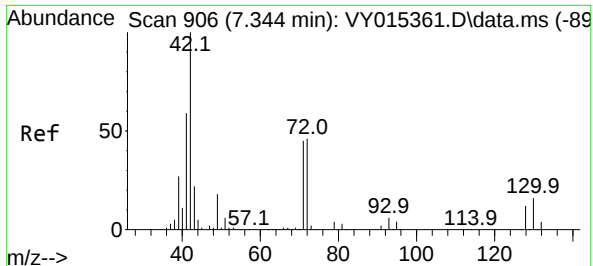
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.6

130 77.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 90.974 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015668.D

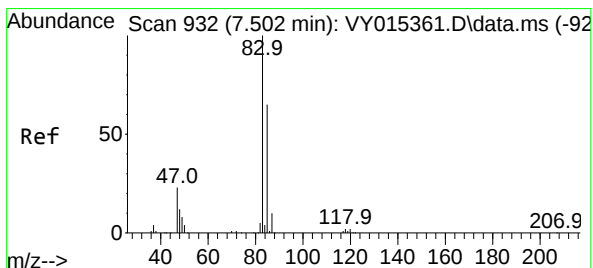
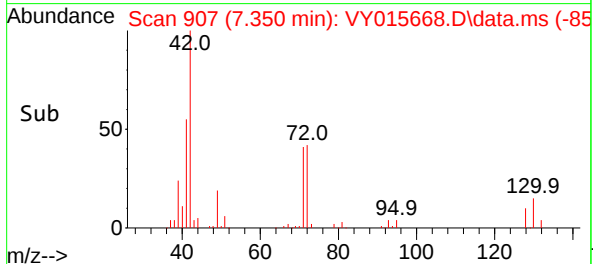
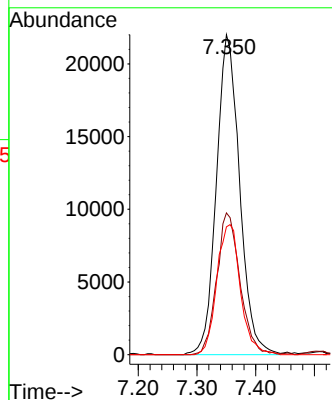
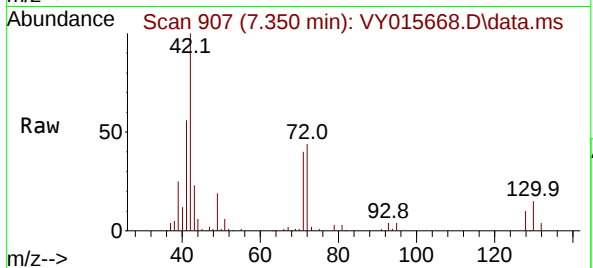
Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	60466
Ion	Ratio	Lower	Upper
42	100		
72	44.3	32.8	49.2
71	41.3	31.0	46.4



#30

Chloroform

Concen: 20.900 ug/l

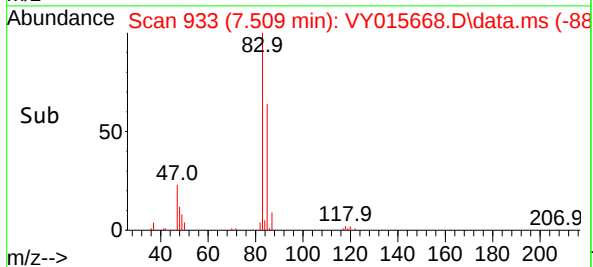
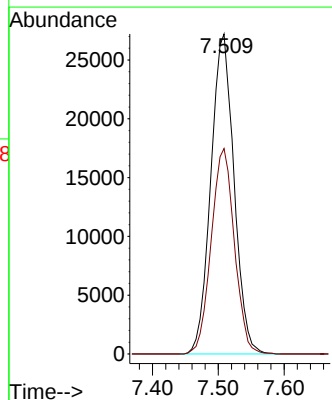
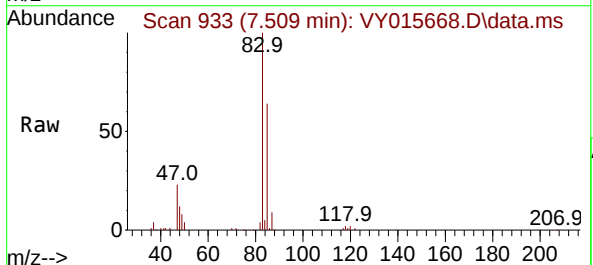
RT: 7.509 min Scan# 933

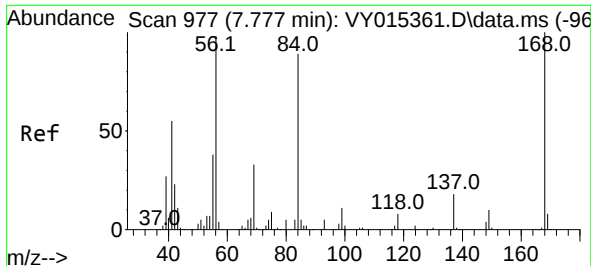
Delta R.T. 0.013 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

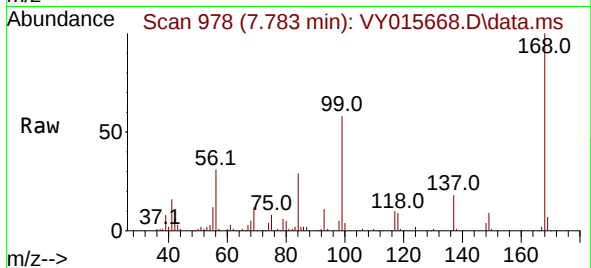
Tgt Ion:	83	Resp:	66725
Ion	Ratio	Lower	Upper
83	100		
85	64.2	49.7	74.5



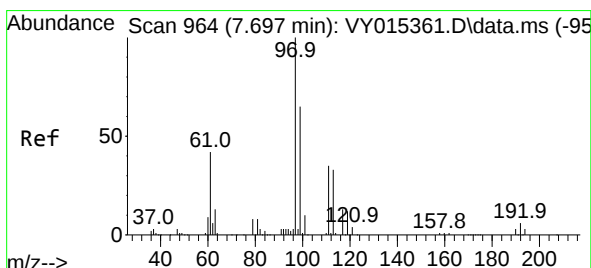
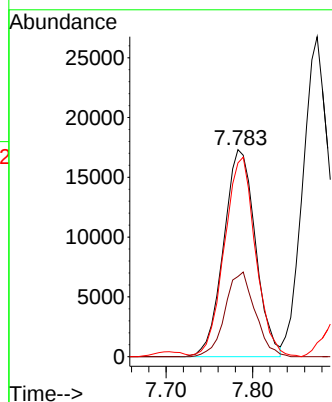
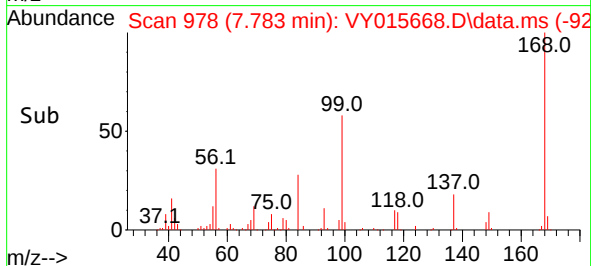


#31
Cyclohexane
Concen: 20.532 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

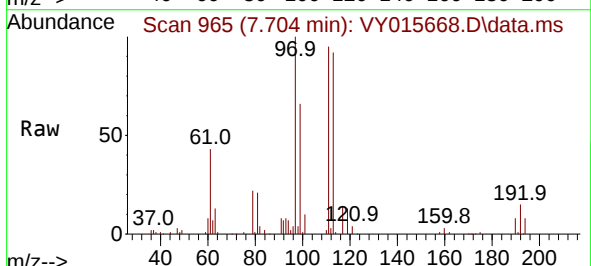
Instrument :
MSVOA_Y
ClientSampleId :



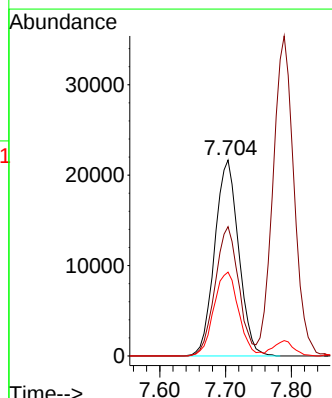
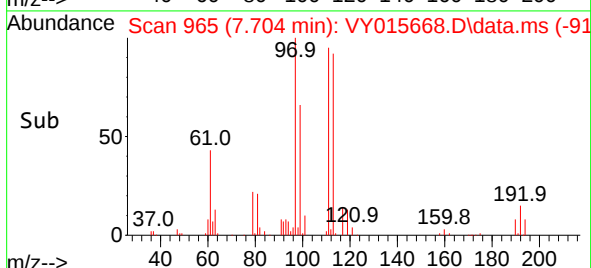
Tgt Ion: 56 Resp: 44217
Ion Ratio Lower Upper
56 100
69 38.7 27.8 41.6
84 91.5 66.4 99.6

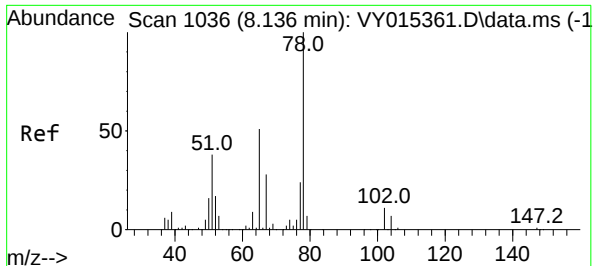


#32
1,1,1-Trichloroethane
Concen: 20.852 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.013 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15



Tgt Ion: 97 Resp: 54957
Ion Ratio Lower Upper
97 100
99 65.5 50.8 76.2
61 44.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.003 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

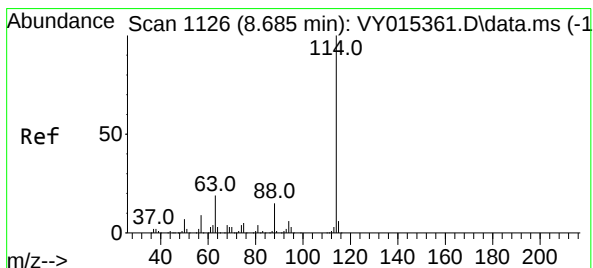
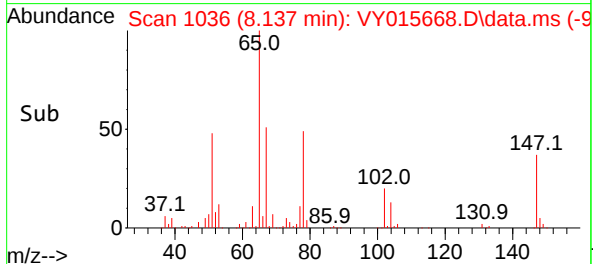
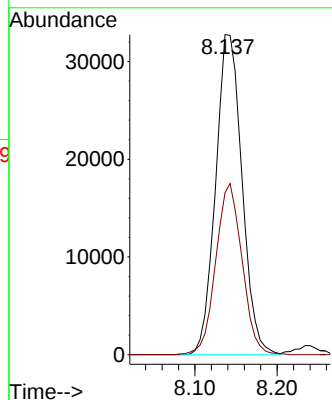
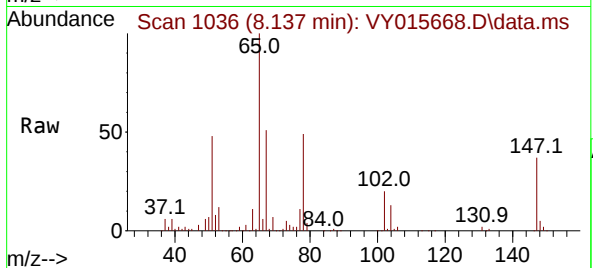
ClientSampleId :

Tgt Ion: 65 Resp: 73070

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

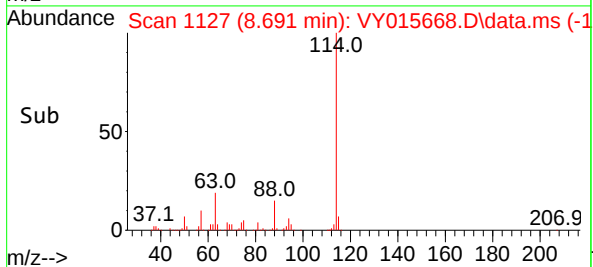
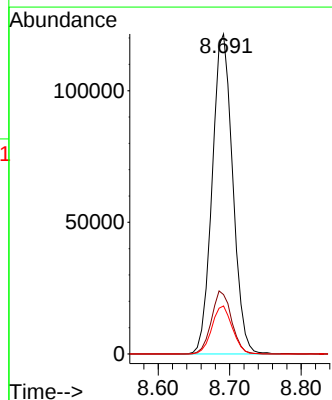
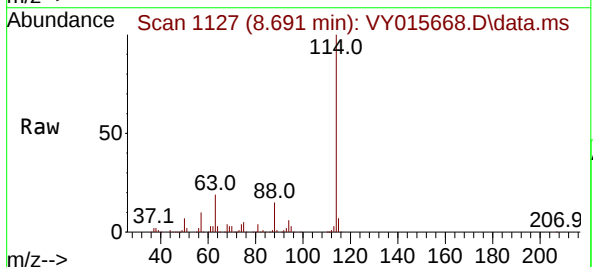
Tgt Ion:114 Resp: 241863

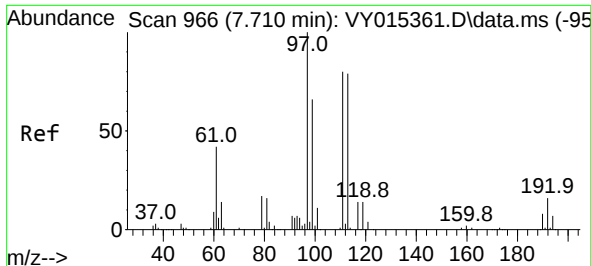
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.775 ug/l

RT: 7.716 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

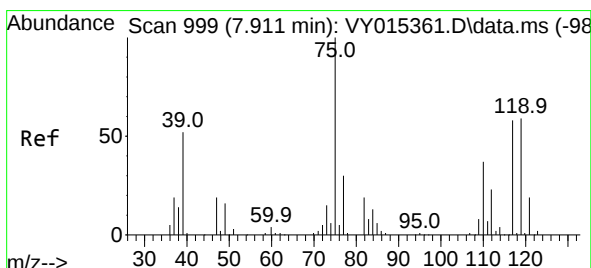
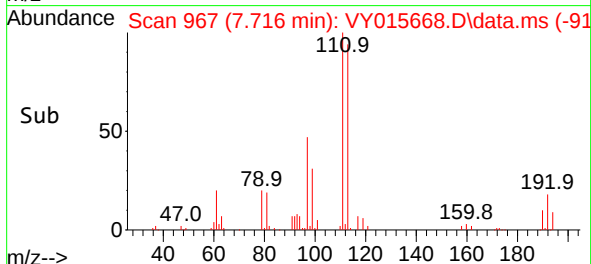
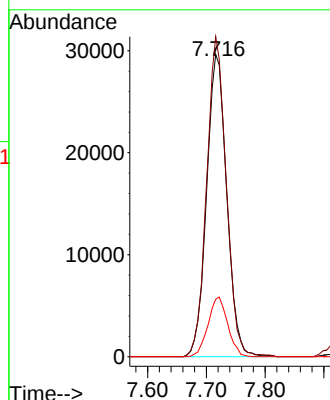
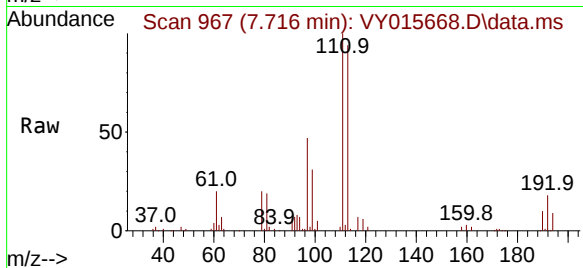
Tgt Ion:113 Resp: 70609

Ion Ratio Lower Upper

113 100

111 103.3 81.3 121.9

192 19.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 19.900 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

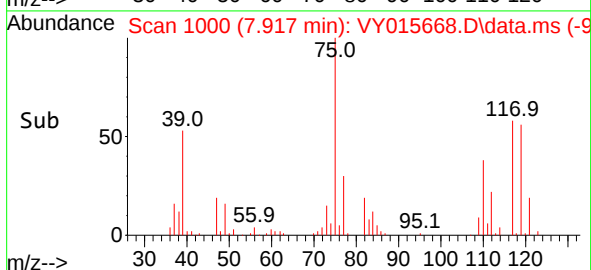
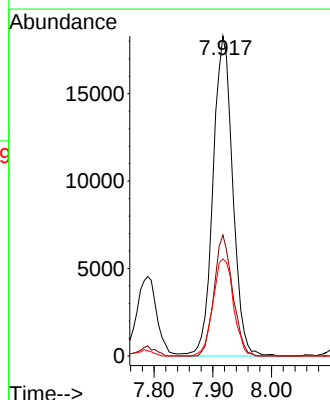
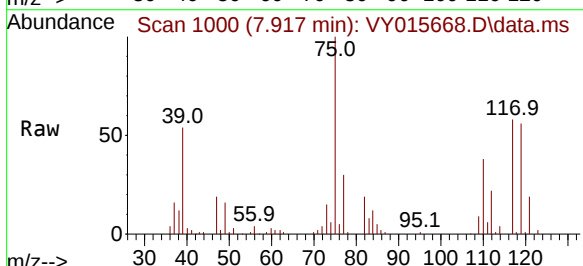
Tgt Ion: 75 Resp: 42595

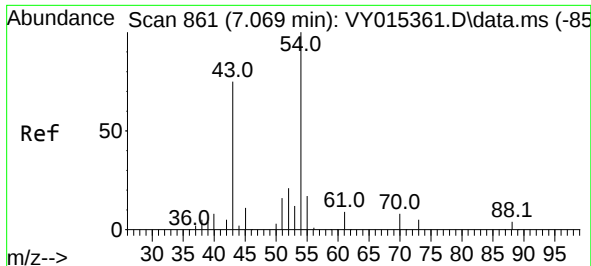
Ion Ratio Lower Upper

75 100

110 35.6 17.8 53.5

77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 18.019 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.013 min

Lab File: VY015668.D

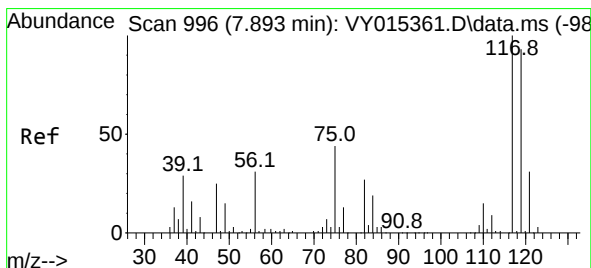
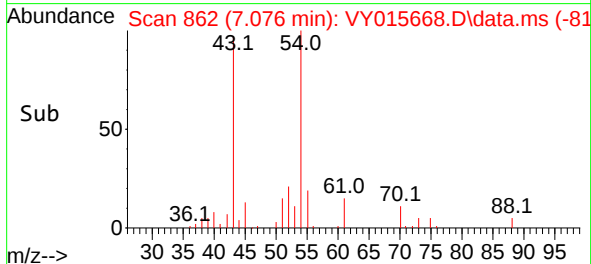
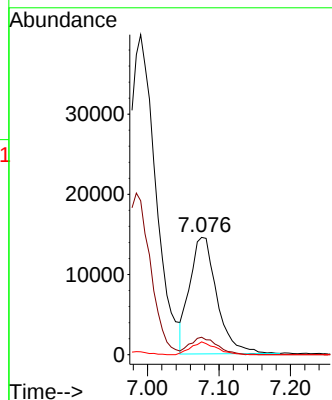
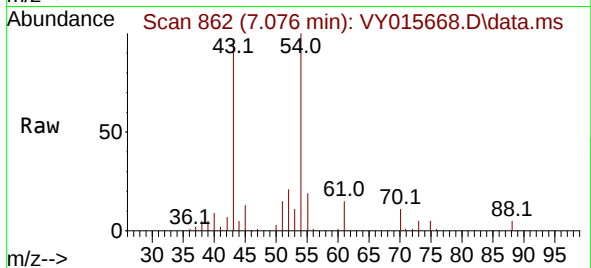
Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp:	38471
Ion	Ratio	Lower Upper
43	100	
61	14.8	10.1 15.1
70	10.1	7.1 10.7



#38

Carbon Tetrachloride

Concen: 20.536 ug/l

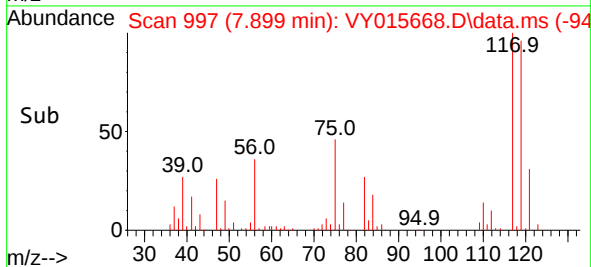
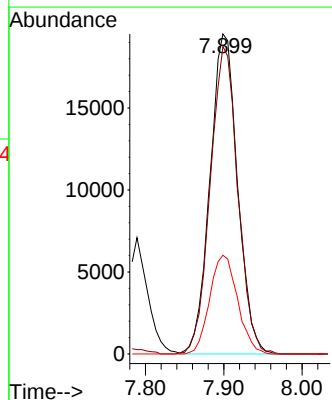
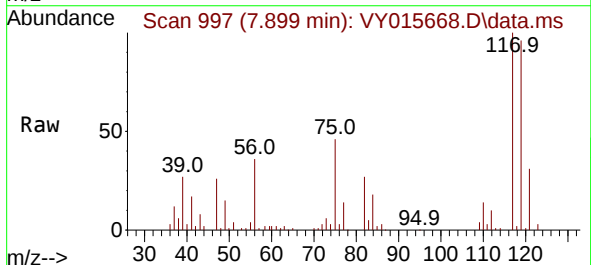
RT: 7.899 min Scan# 997

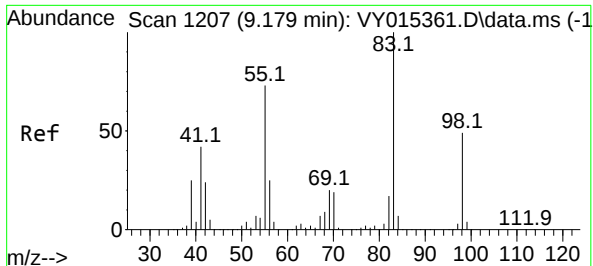
Delta R.T. 0.006 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Tgt Ion: 117	Resp:	47712
Ion	Ratio	Lower Upper
117	100	
119	96.1	76.4 114.6
121	30.8	25.8 38.6





#39

Methylcyclohexane

Concen: 20.188 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

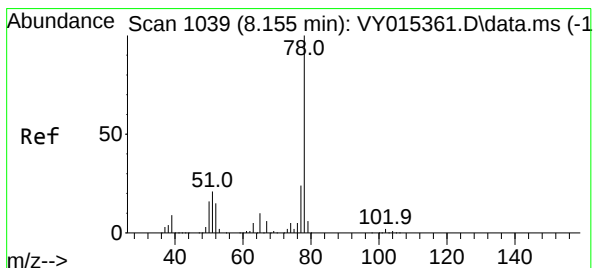
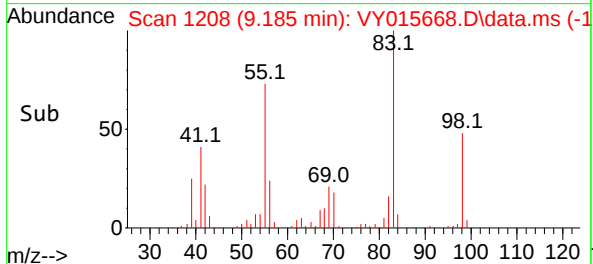
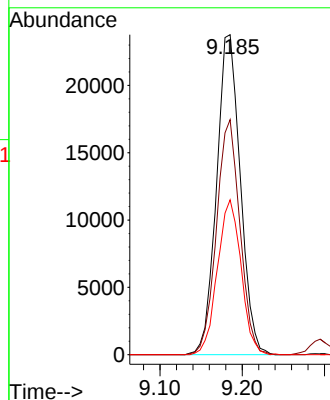
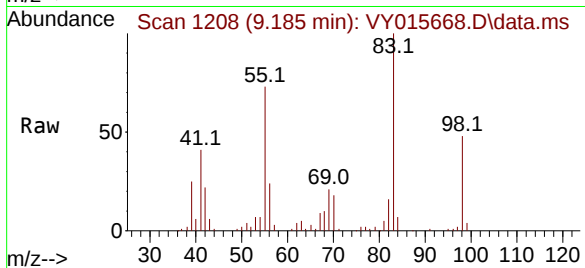
Tgt Ion: 83 Resp: 47794

Ion Ratio Lower Upper

83 100

55 73.4 63.0 94.4

98 48.4 37.4 56.2



#40

Benzene

Concen: 20.021 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015668.D

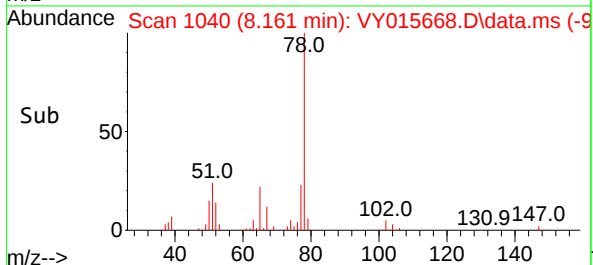
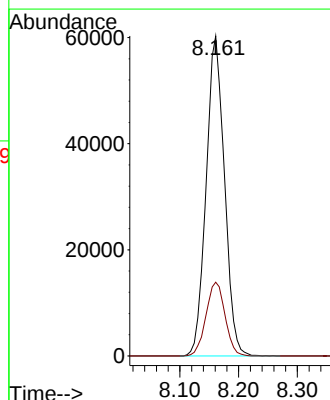
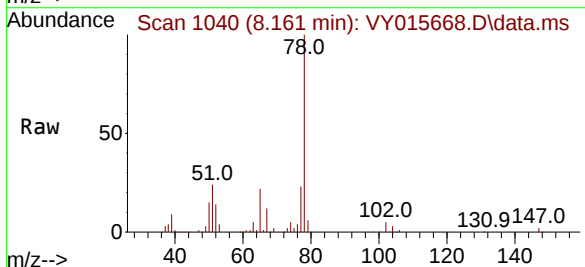
Acq: 21 Sep 2023 11:15

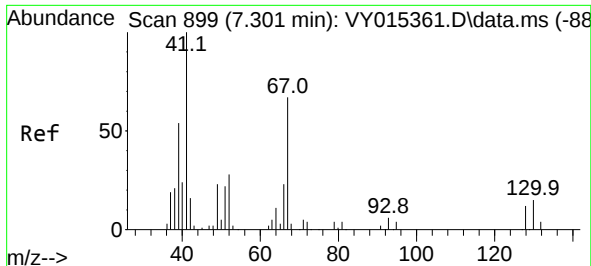
Tgt Ion: 78 Resp: 130687

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.6

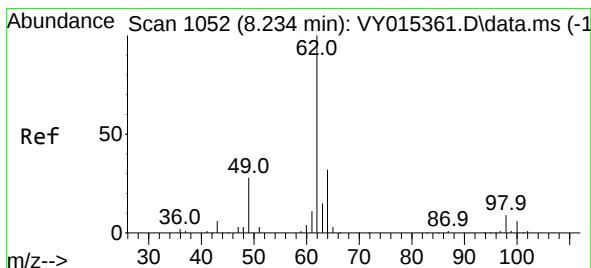
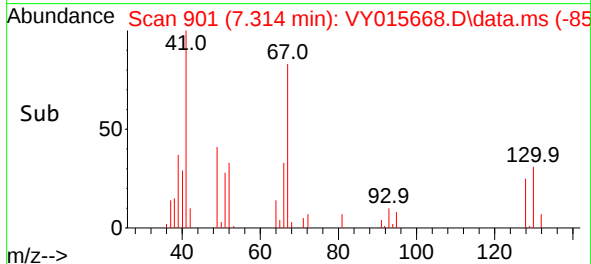
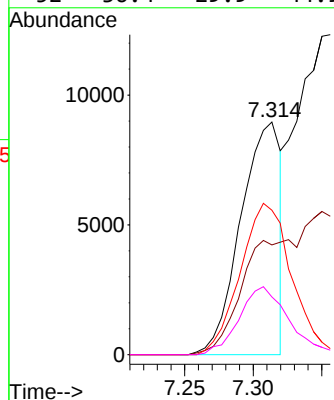
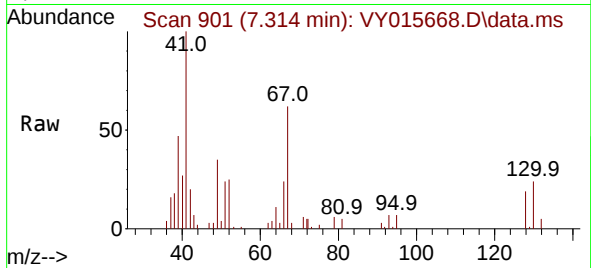




#41
Methacrylonitrile
Concen: 15.869 ug/l
RT: 7.314 min Scan# 901
Delta R.T. 0.001 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

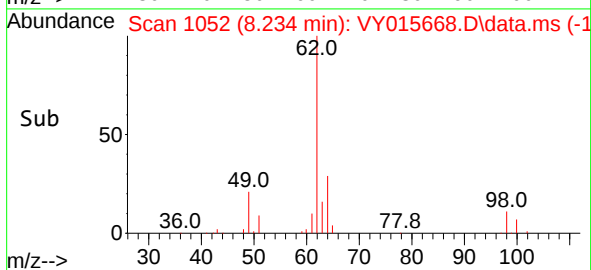
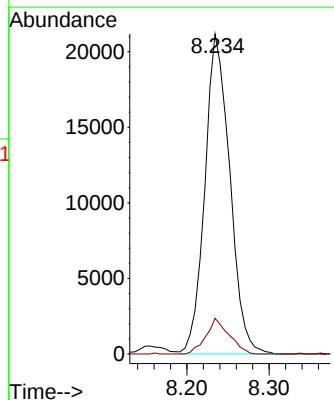
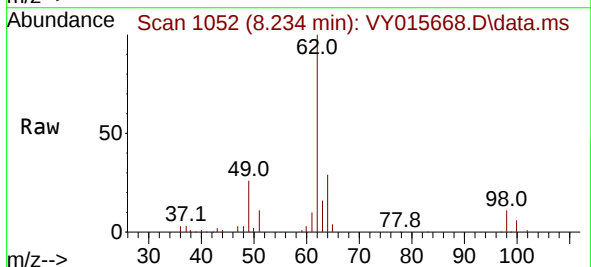
Instrument :
MSVOA_Y
ClientSampleId :

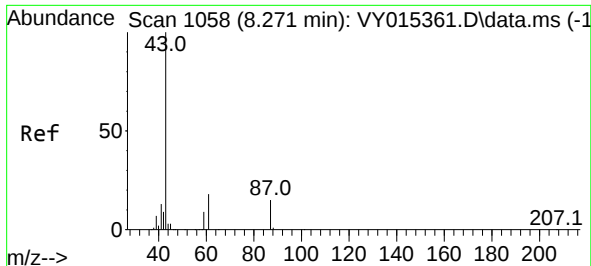
Tgt Ion: 41 Resp: 18242
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 84.0 66.2 99.2
52 36.4 29.9 44.9



#42
1,2-Dichloroethane
Concen: 19.953 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

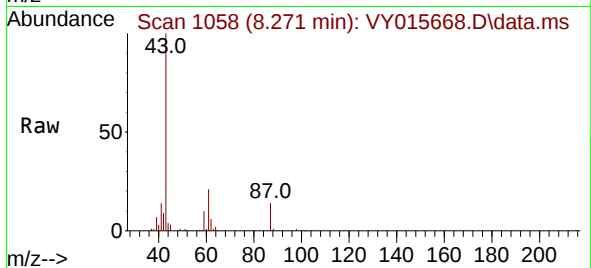
Tgt Ion: 62 Resp: 44606
Ion Ratio Lower Upper
62 100
98 10.3 0.0 15.8



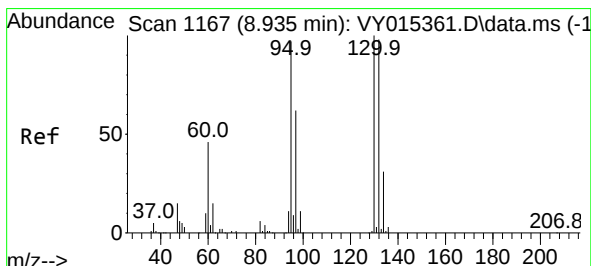
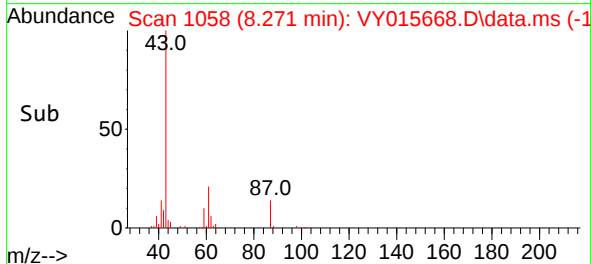
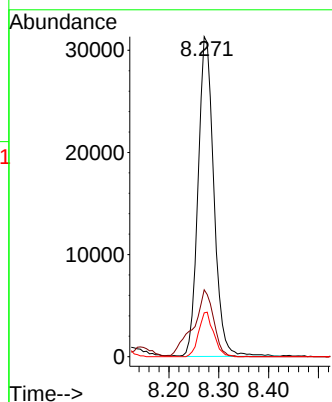


#43
Isopropyl Acetate
Concen: 18.817 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.007 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

Instrument :
MSVOA_Y
ClientSampleId :

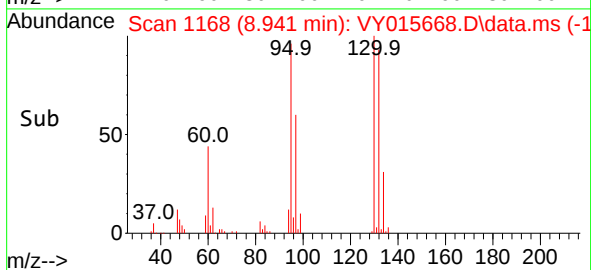
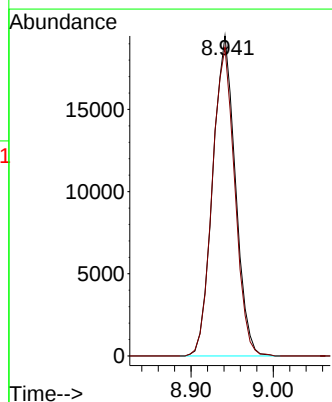
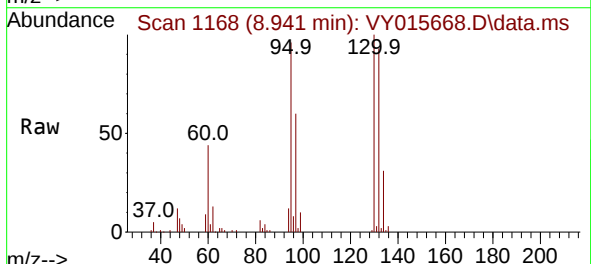


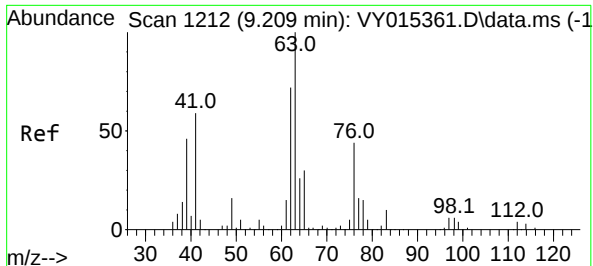
Tgt Ion	Ratio	Lower	Upper
43	100		
61	27.0	21.1	31.7
87	13.2	9.8	14.8



#44
Trichloroethene
Concen: 20.366 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	196.0





#45

1,2-Dichloropropane

Concen: 20.360 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

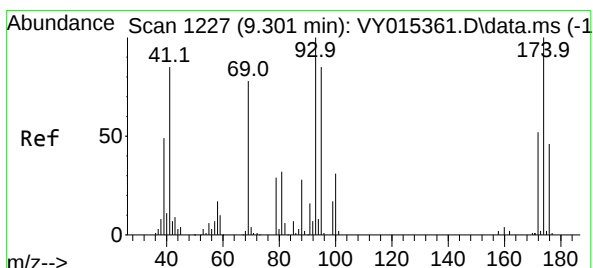
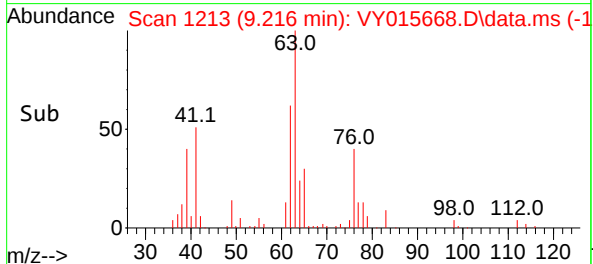
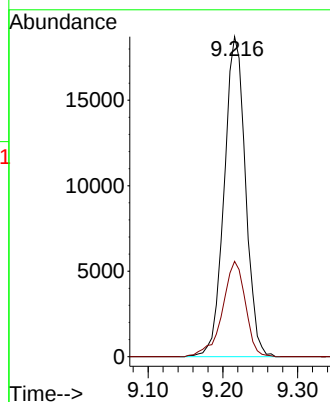
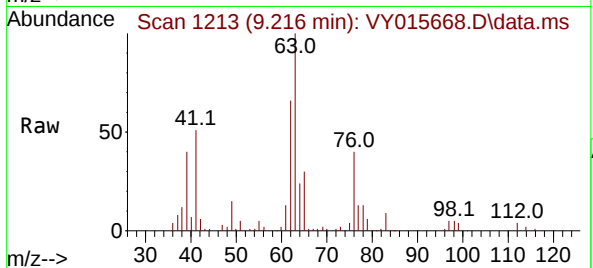
ClientSampleId :

Tgt Ion: 63 Resp: 37061

Ion Ratio Lower Upper

63 100

65 29.8 23.8 35.6



#46

Dibromomethane

Concen: 19.910 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

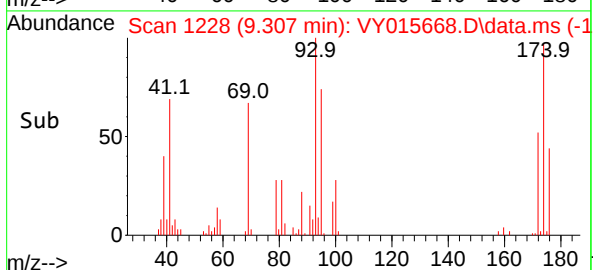
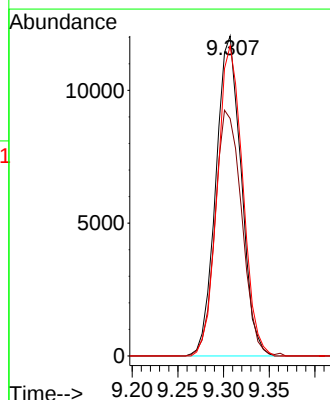
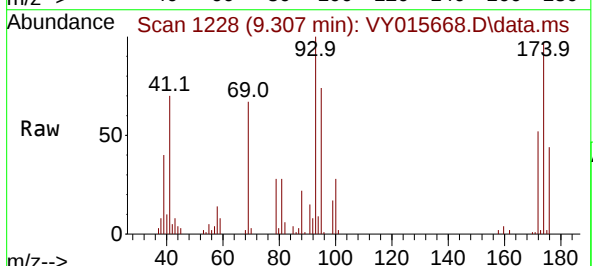
Tgt Ion: 93 Resp: 23183

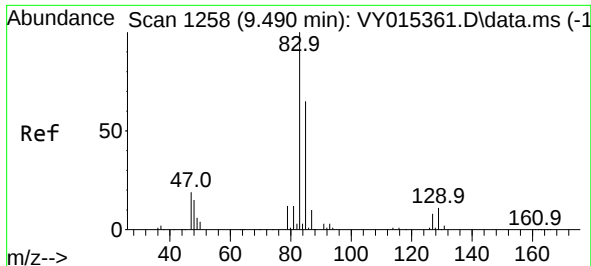
Ion Ratio Lower Upper

93 100

95 81.2 66.6 100.0

174 97.1 84.8 127.2

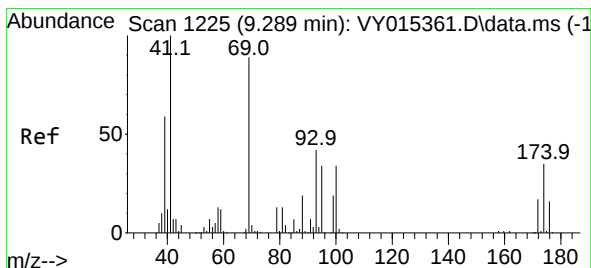
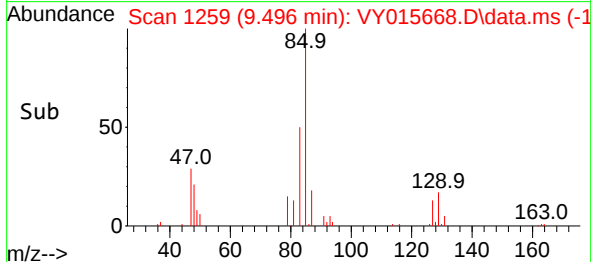
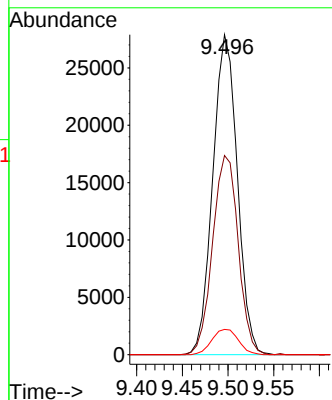
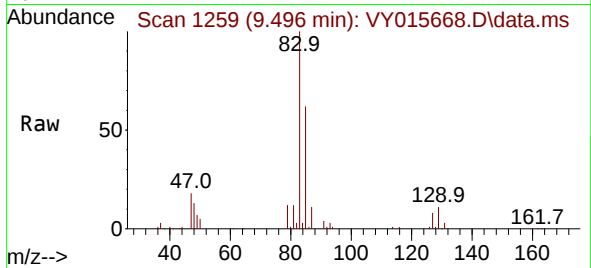




#47
Bromodichloromethane
Concen: 20.064 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

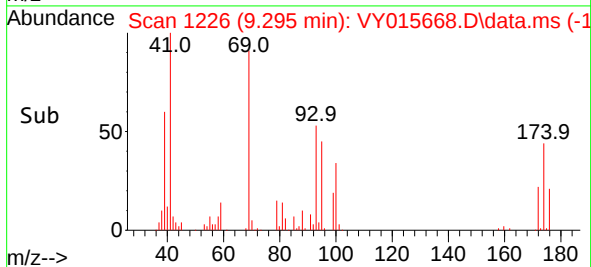
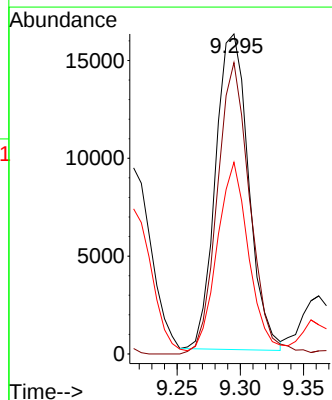
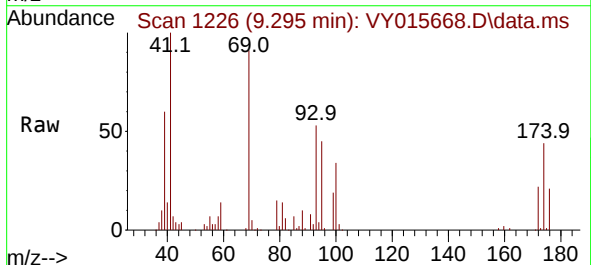
Instrument :
MSVOA_Y
ClientSampleId :

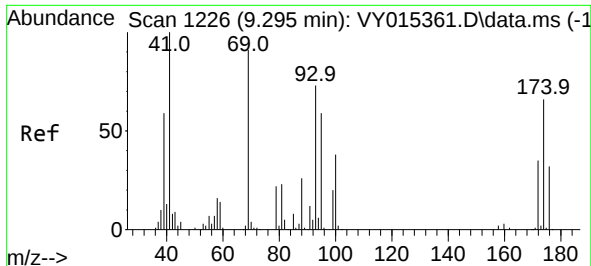
Tgt Ion: 83 Resp: 52074
Ion Ratio Lower Upper
83 100
85 62.3 50.1 75.1
127 7.9 7.1 10.7



#48
Methyl methacrylate
Concen: 18.342 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

Tgt Ion: 41 Resp: 29362
Ion Ratio Lower Upper
41 100
69 90.8 64.5 96.7
39 58.8 50.8 76.2





#49

1,4-Dioxane

Concen: 368.075 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.030 min

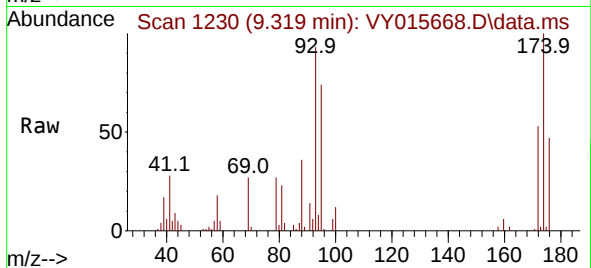
Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :



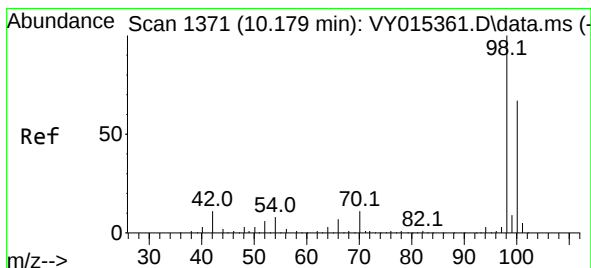
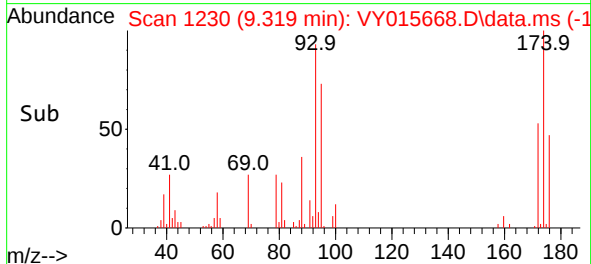
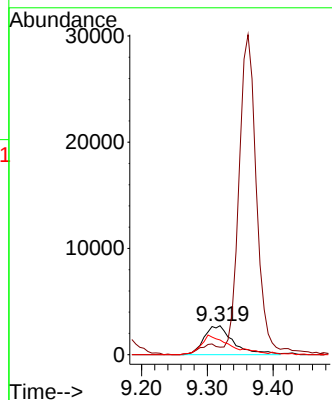
Tgt Ion: 88 Resp: 8467

Ion Ratio Lower Upper

88 100

43 24.1 0.0 0.0#

58 67.2 30.9 46.3#



#50

Toluene-d8

Concen: 46.364 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015668.D

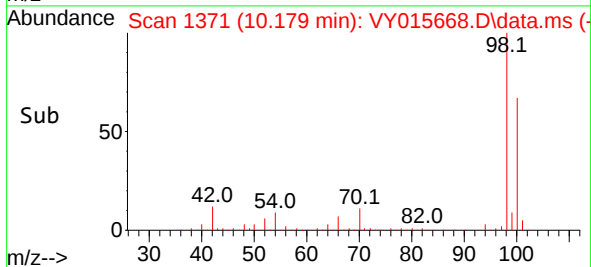
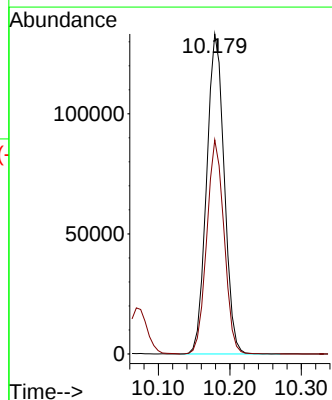
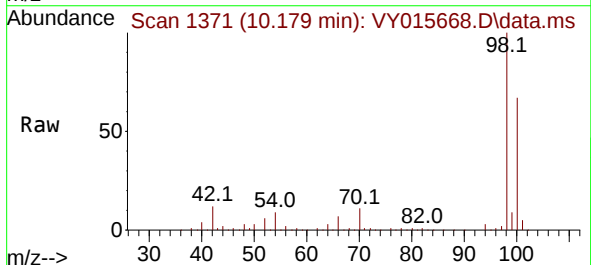
Acq: 21 Sep 2023 11:15

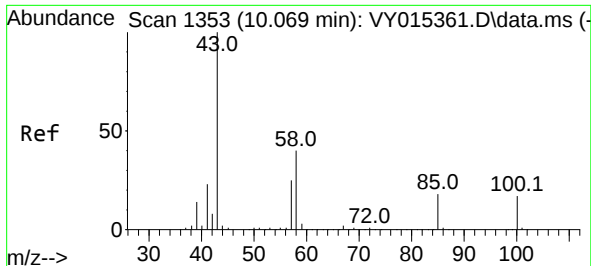
Tgt Ion: 98 Resp: 227575

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1

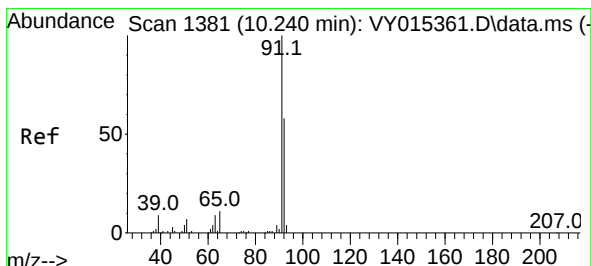
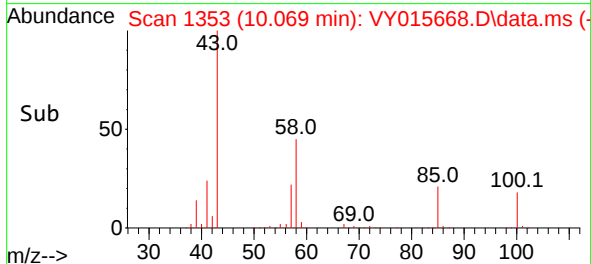
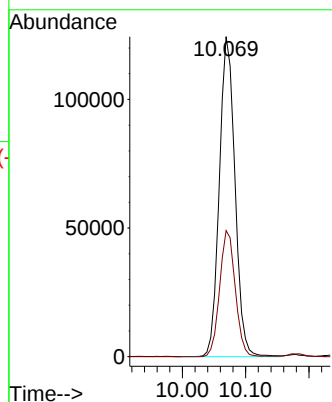
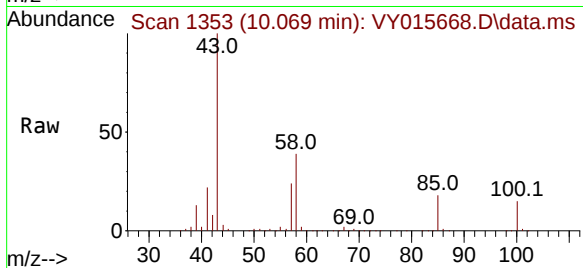




#51
4-Methyl-2-Pentanone
Concen: 94.200 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

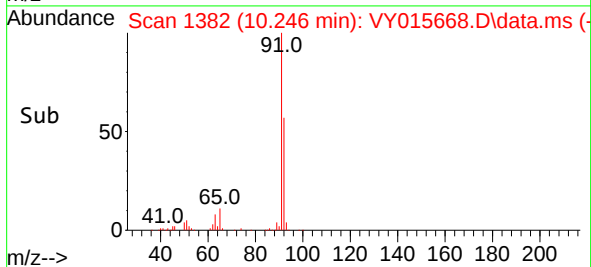
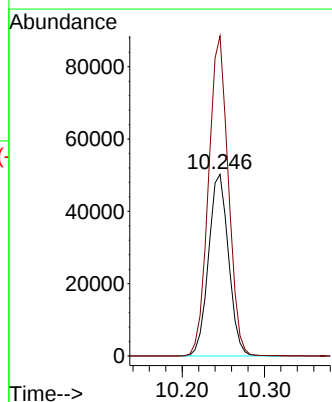
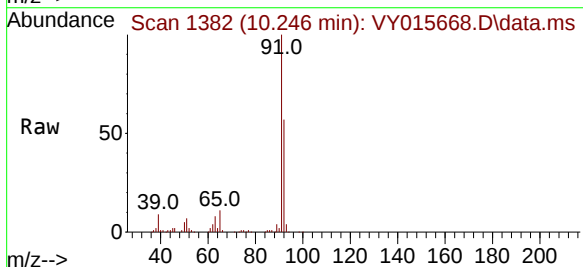
Instrument :
MSVOA_Y
ClientSampleId :

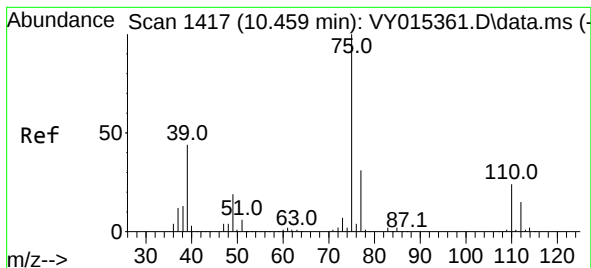
Tgt Ion: 43 Resp: 212935
Ion Ratio Lower Upper
43 100
58 39.4 29.0 43.6



#52
Toluene
Concen: 20.164 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

Tgt Ion: 92 Resp: 84853
Ion Ratio Lower Upper
92 100
91 174.3 143.8 215.6

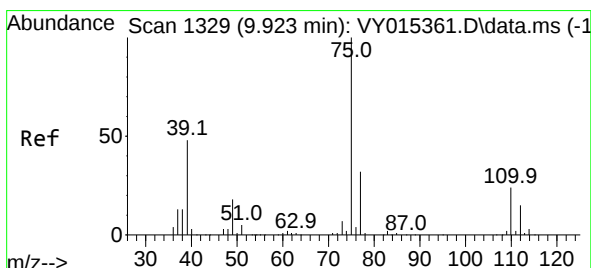
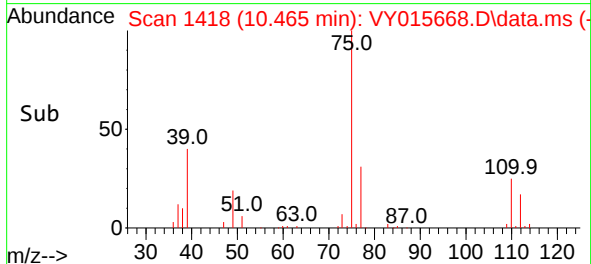
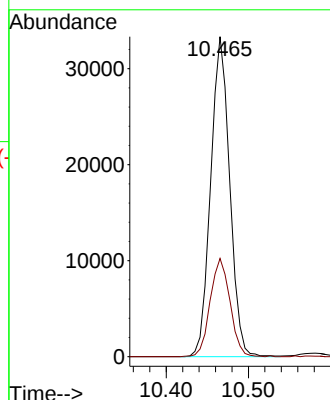
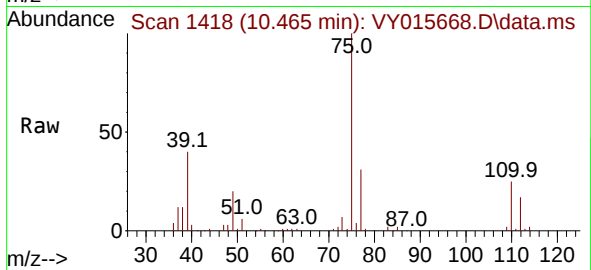




#53
 t-1,3-Dichloropropene
 Concen: 19.252 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015668.D
 Acq: 21 Sep 2023 11:15

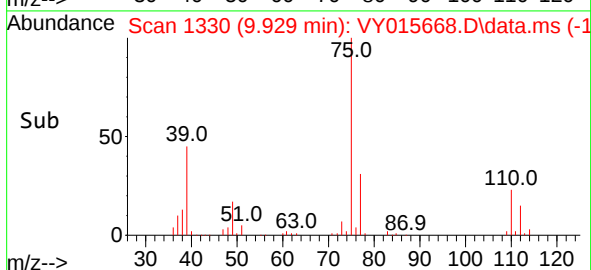
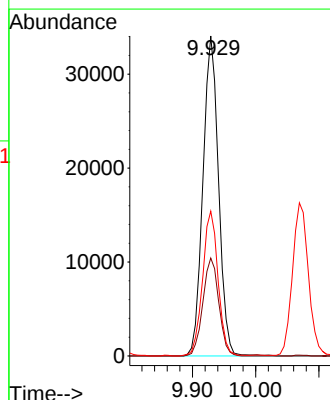
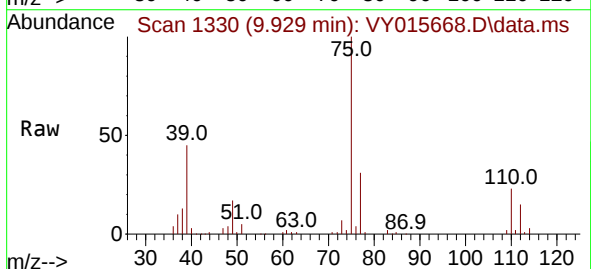
Instrument :
 MSVOA_Y
 ClientSampleId :

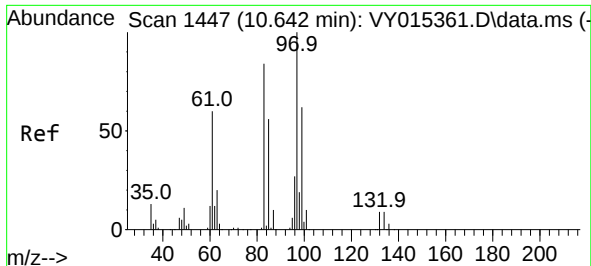
Tgt Ion: 75 Resp: 53582
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.570 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015668.D
 Acq: 21 Sep 2023 11:15

Tgt Ion: 75 Resp: 58629
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.2 36.4
 39 45.2 42.2 63.4

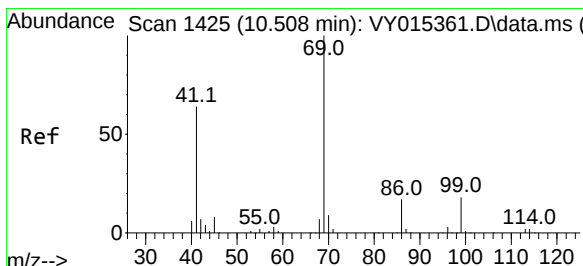
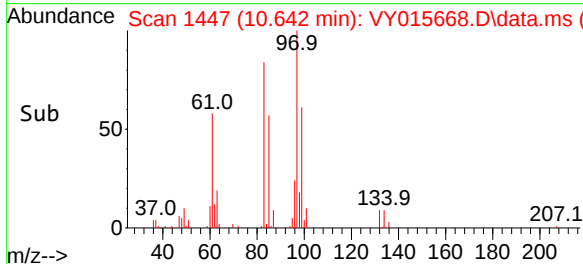
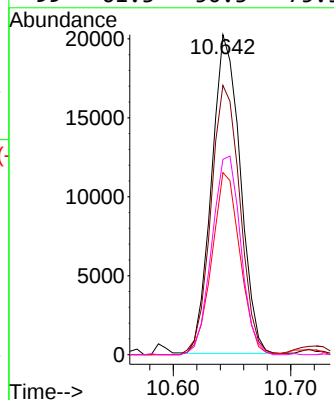
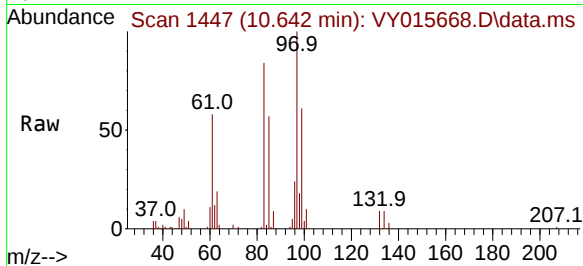




#55
1,1,2-Trichloroethane
Concen: 20.028 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

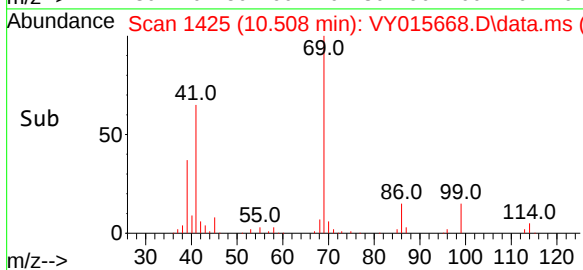
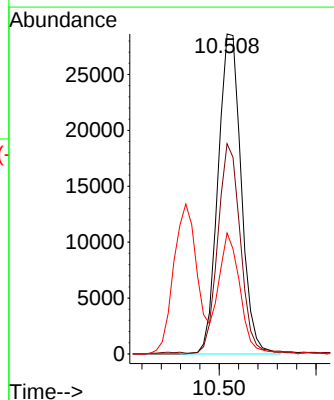
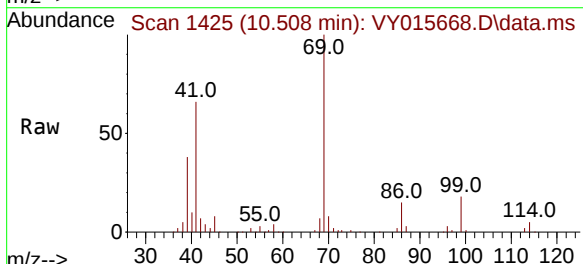
Instrument :
MSVOA_Y
ClientSampleId :

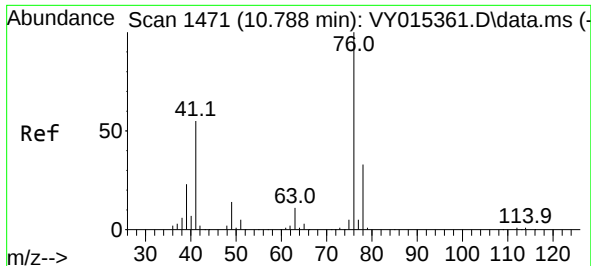
Tgt Ion:	97	Resp:	34175
Ion	Ratio	Lower	Upper
97	100		
83	84.5	72.0	108.0
85	57.1	45.4	68.0
99	61.3	50.3	75.5



#56
Ethyl methacrylate
Concen: 18.894 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

Tgt Ion:	69	Resp:	47511
Ion	Ratio	Lower	Upper
69	100		
41	63.4	57.6	86.4
39	34.8	34.1	51.1





#57

1,3-Dichloropropane

Concen: 20.108 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

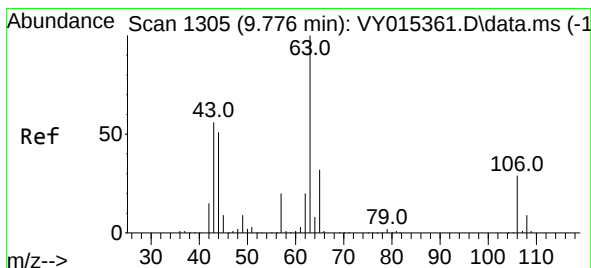
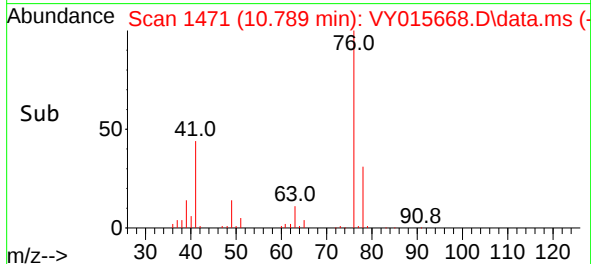
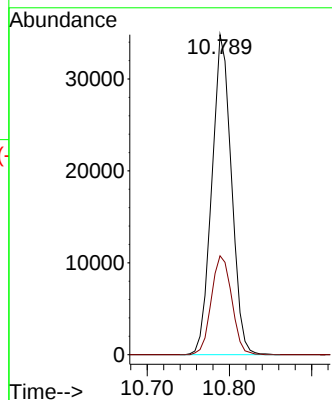
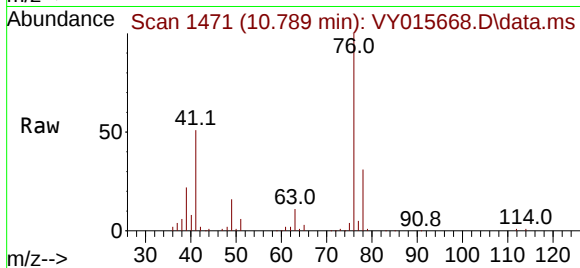
ClientSampleId :

Tgt Ion: 76 Resp: 57539

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 101.571 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.007 min

Lab File: VY015668.D

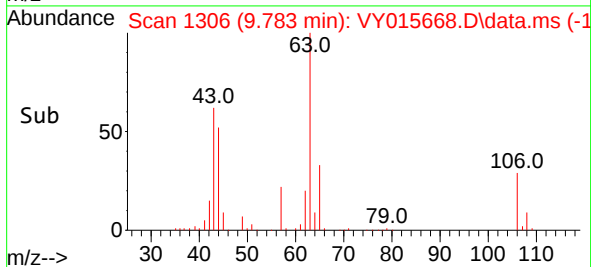
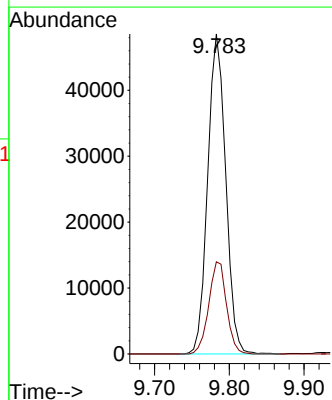
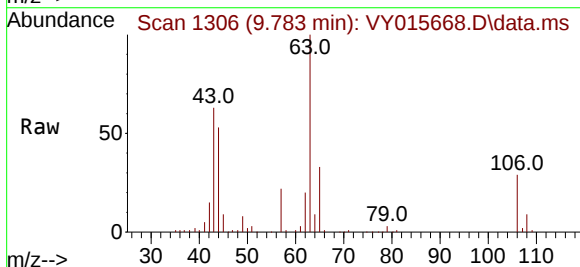
Acq: 21 Sep 2023 11:15

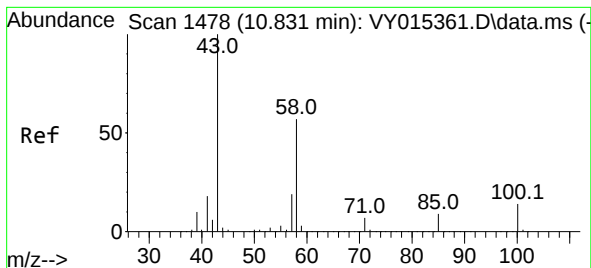
Tgt Ion: 63 Resp: 81132

Ion Ratio Lower Upper

63 100

106 28.4 21.2 31.8

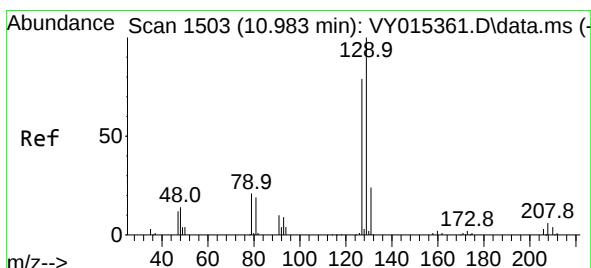
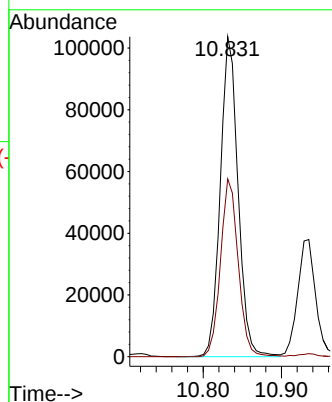
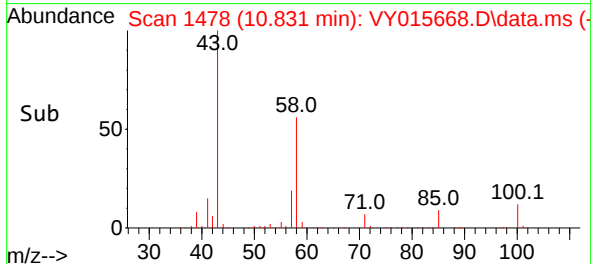
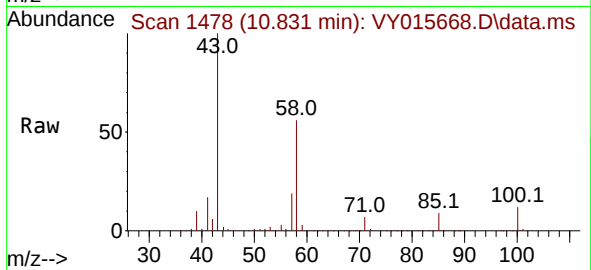




#59
2-Hexanone
Concen: 94.102 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

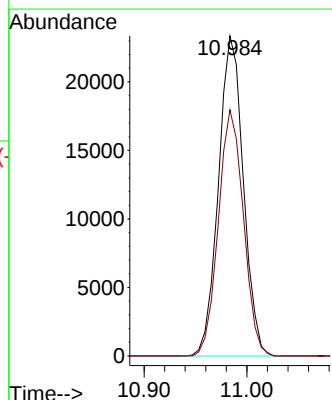
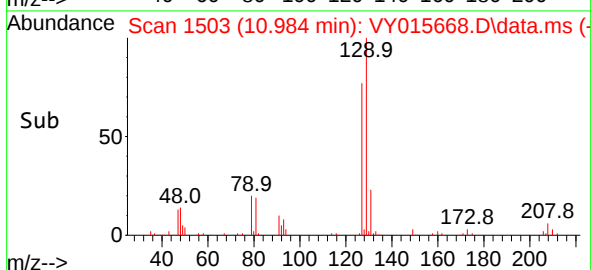
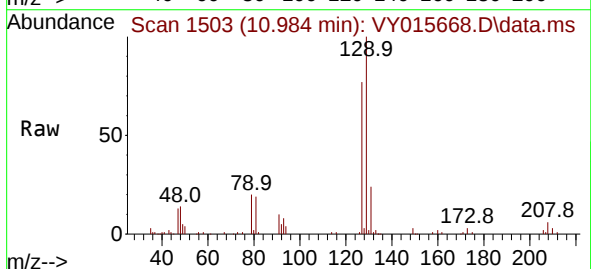
Instrument :
MSVOA_Y
ClientSampleId :

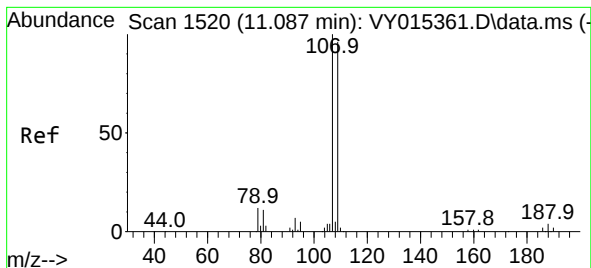
Tgt Ion: 43 Resp: 163196
Ion Ratio Lower Upper
43 100
58 55.5 25.1 75.3



#60
Dibromochloromethane
Concen: 19.651 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

Tgt Ion:129 Resp: 39143
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

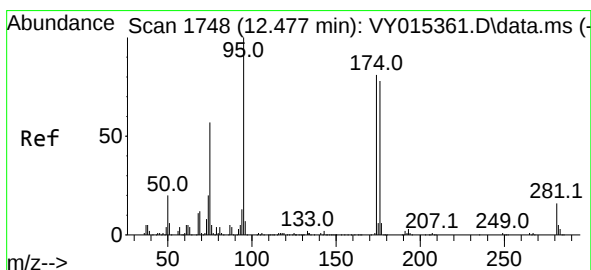
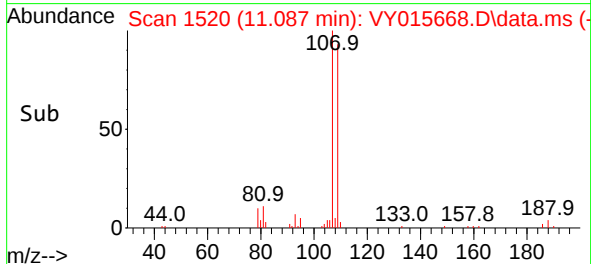
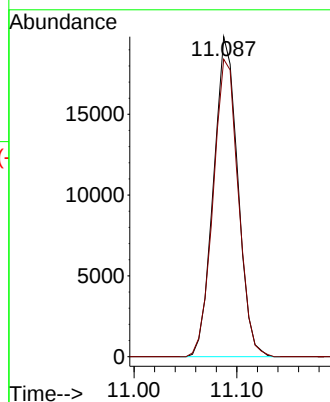
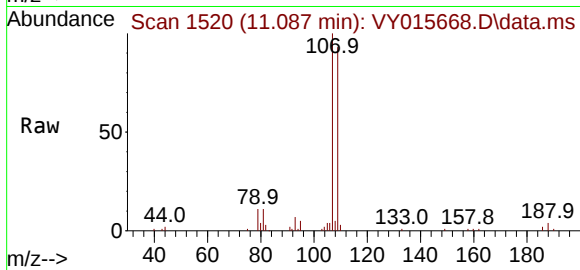




#61
1,2-Dibromoethane
Concen: 19.408 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

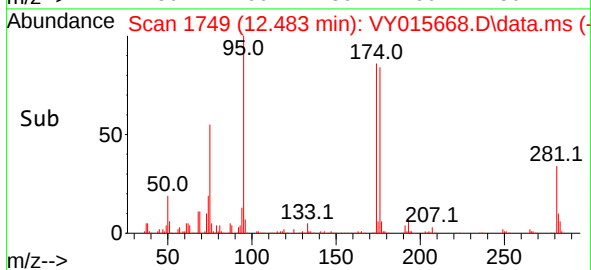
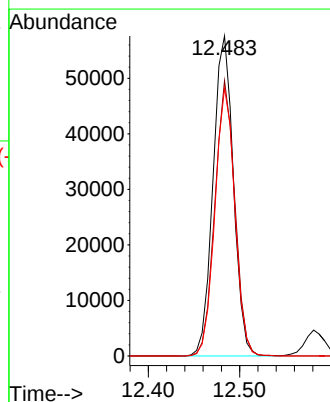
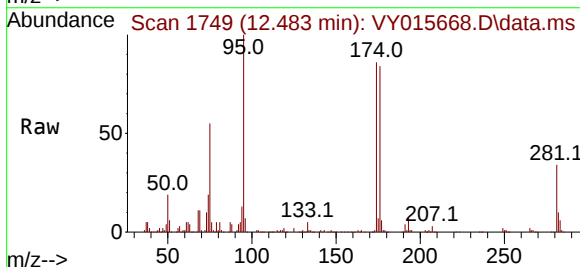
Instrument :
MSVOA_Y
ClientSampleId :

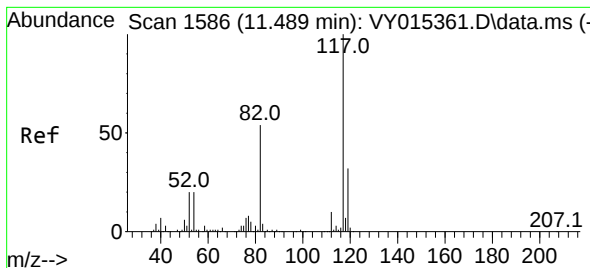
Tgt Ion:107 Resp: 32399
Ion Ratio Lower Upper
107 100
109 96.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.161 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

Tgt Ion: 95 Resp: 88916
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 82.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

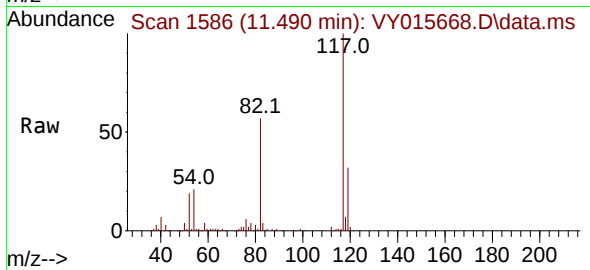
Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :



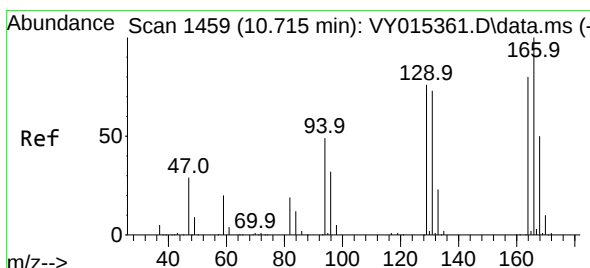
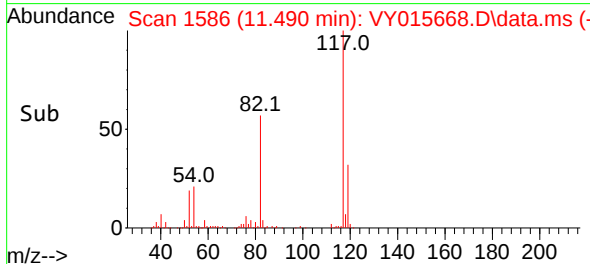
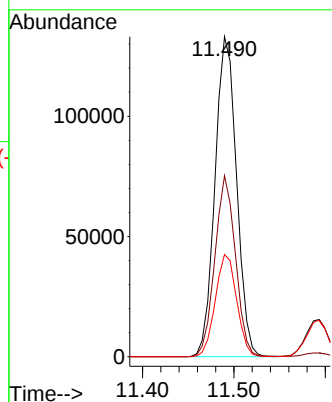
Tgt Ion:117 Resp: 218113

Ion Ratio Lower Upper

117 100

82 56.6 43.4 65.0

119 31.9 26.3 39.5



#64

Tetrachloroethene

Concen: 20.913 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Tgt Ion:164 Resp: 39135

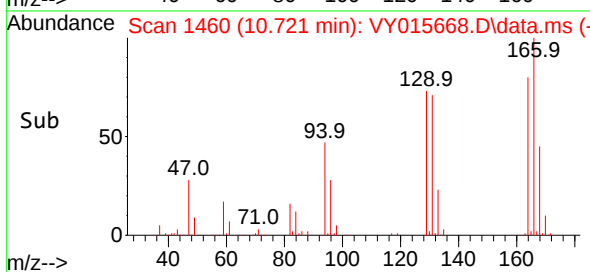
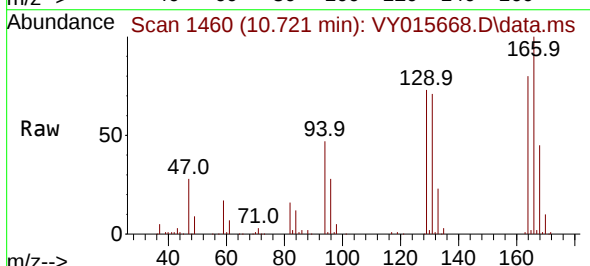
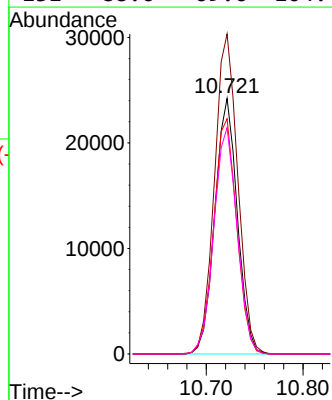
Ion Ratio Lower Upper

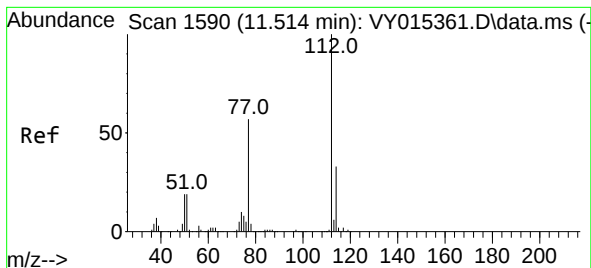
164 100

166 125.2 103.0 154.6

129 92.0 77.2 115.8

131 88.6 69.6 104.4





#65

Chlorobenzene

Concen: 20.404 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

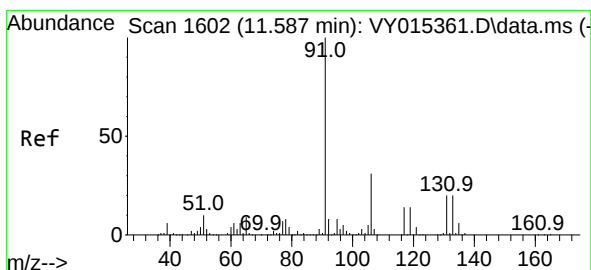
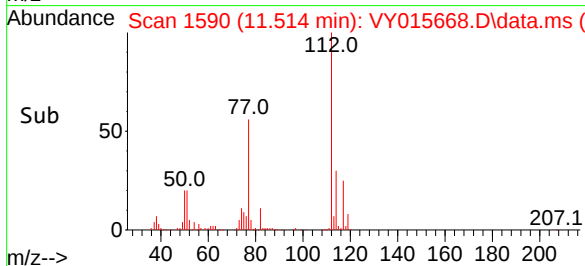
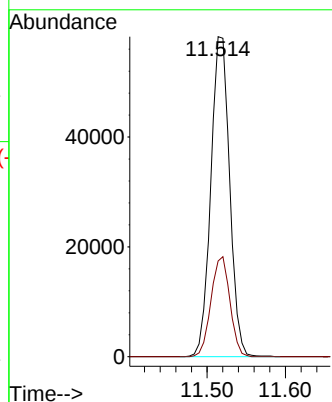
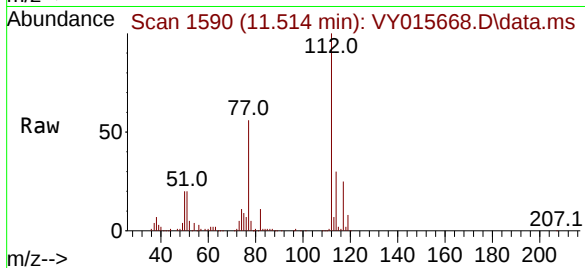
ClientSampleId :

Tgt Ion:112 Resp: 97143

Ion Ratio Lower Upper

112 100

114 29.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.699 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

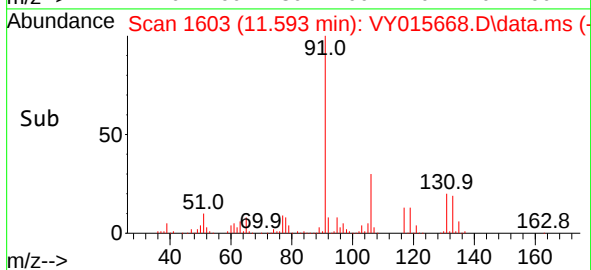
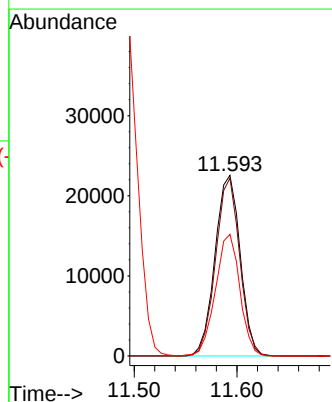
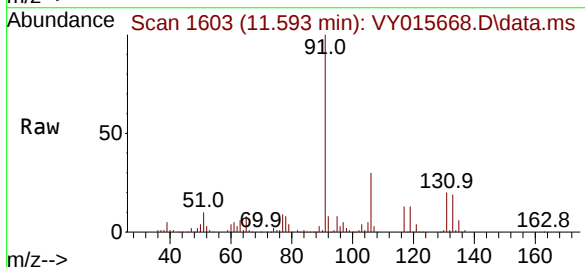
Tgt Ion:131 Resp: 38280

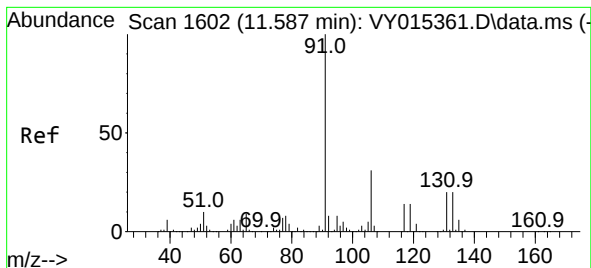
Ion Ratio Lower Upper

131 100

133 94.3 47.5 142.6

119 65.5 31.6 94.7





#67

Ethyl Benzene

Concen: 20.553 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

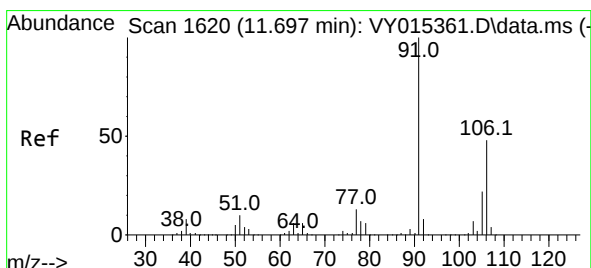
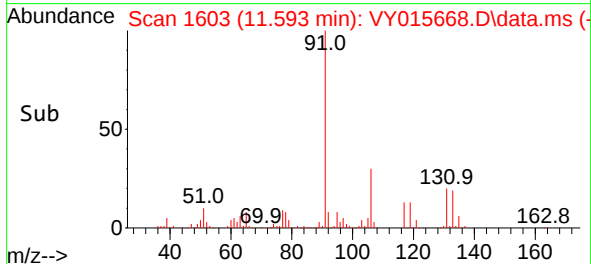
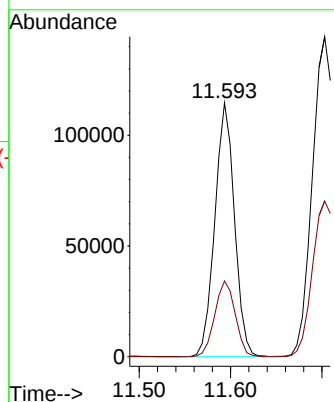
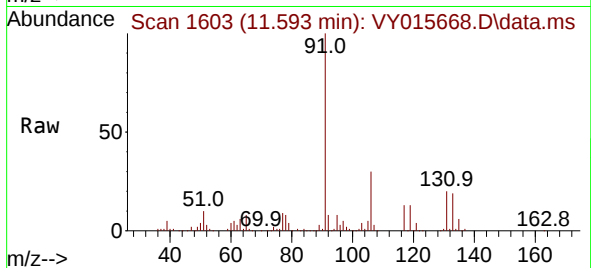
ClientSampleId :

Tgt Ion: 91 Resp: 171029

Ion Ratio Lower Upper

91 100

106 29.8 24.6 36.8



#68

m/p-Xylenes

Concen: 41.355 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015668.D

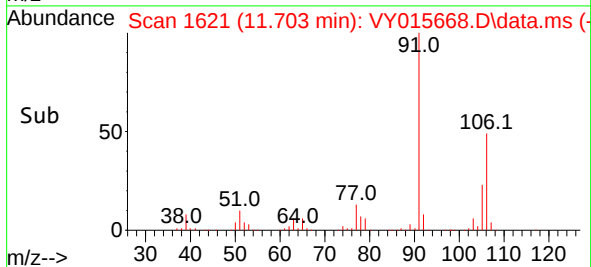
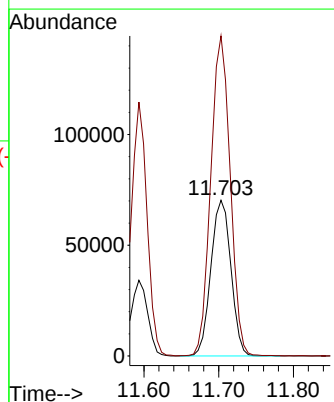
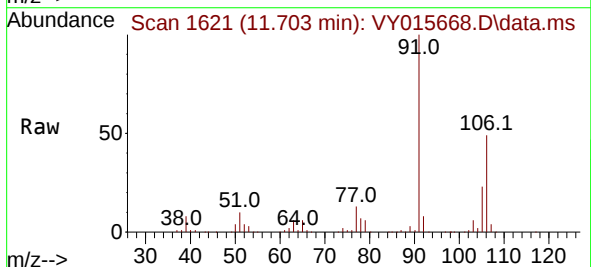
Acq: 21 Sep 2023 11:15

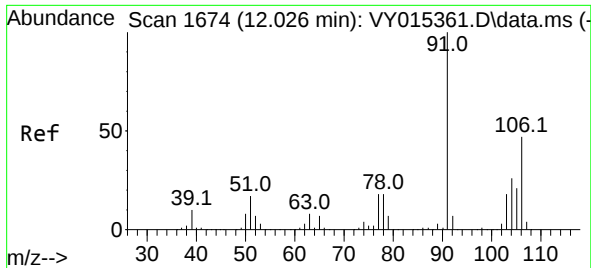
Tgt Ion:106 Resp: 130802

Ion Ratio Lower Upper

106 100

91 199.6 166.1 249.1

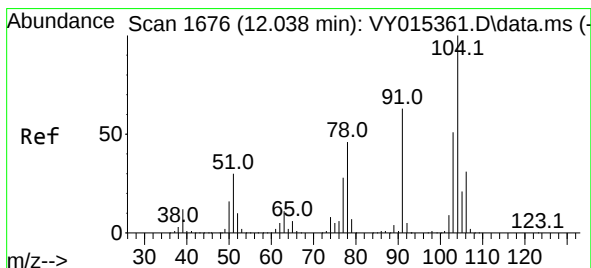
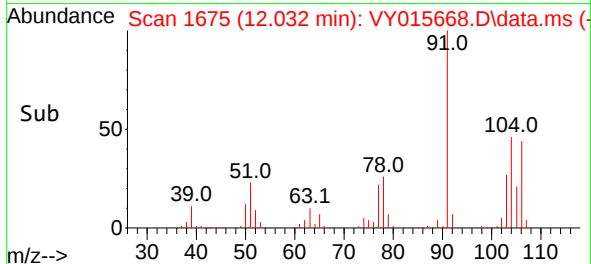
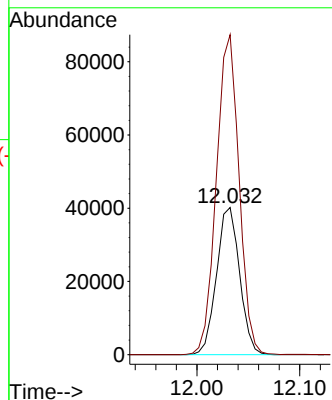
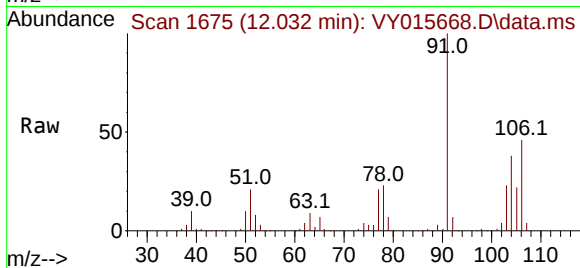




#69
o-Xylene
Concen: 20.183 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

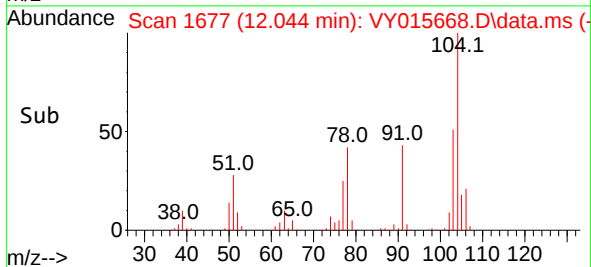
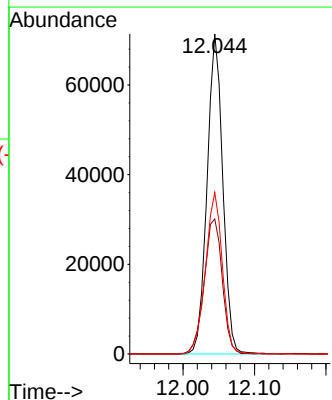
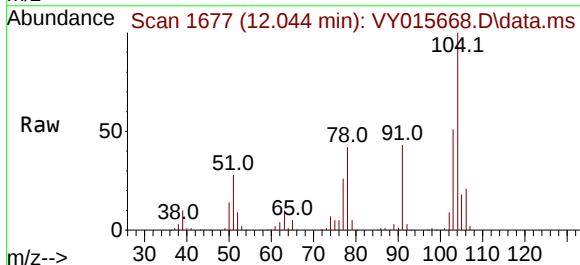
Instrument :
MSVOA_Y
ClientSampleId :

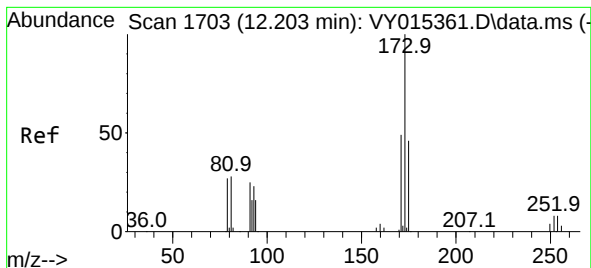
Tgt Ion:106 Resp: 62596
Ion Ratio Lower Upper
106 100
91 214.0 108.1 324.3



#70
Styrene
Concen: 20.503 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

Tgt Ion:104 Resp: 108847
Ion Ratio Lower Upper
104 100
78 48.6 41.5 62.3
103 54.3 44.6 67.0





#71

Bromoform

Concen: 19.717 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015668.D

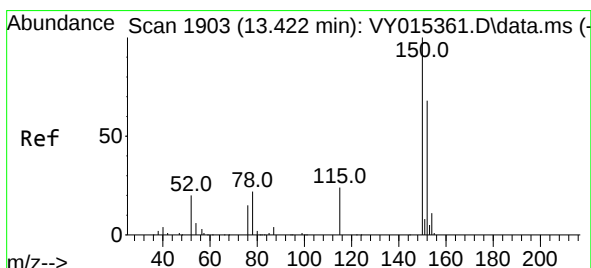
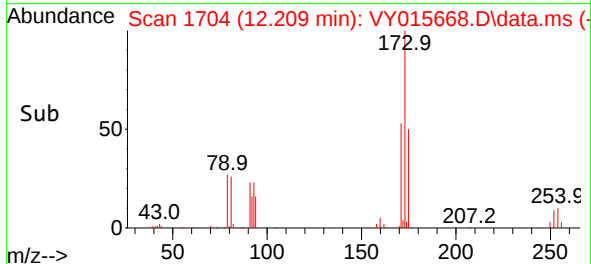
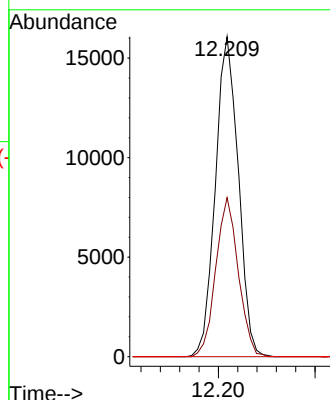
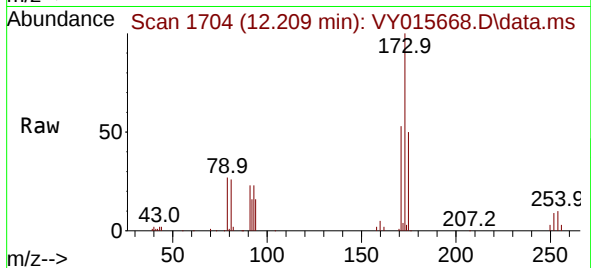
Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	26424
Ion Ratio	Lower	Upper
173	100	
175	48.8	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

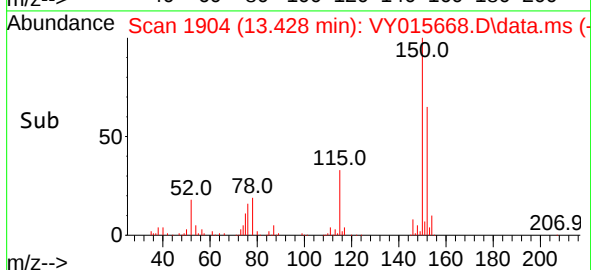
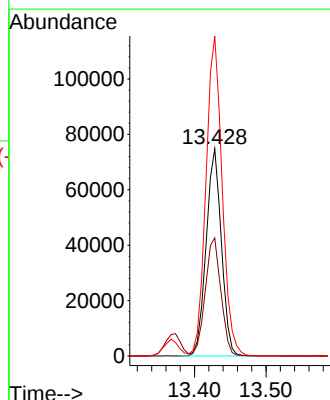
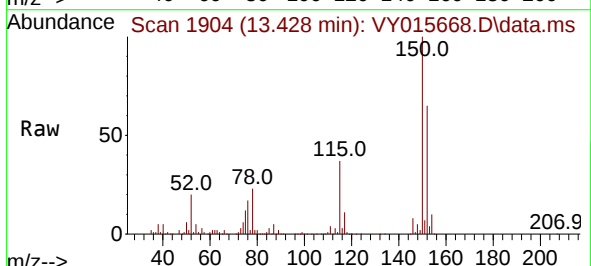
RT: 13.428 min Scan# 1904

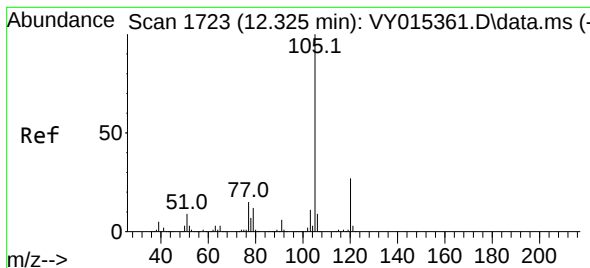
Delta R.T. 0.006 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Tgt Ion:152	Resp:	110707
Ion Ratio	Lower	Upper
152	100	
115	58.7	28.8 86.5
150	164.0	0.0 348.8





#73

Isopropylbenzene

Concen: 20.814 ug/l

RT: 12.331 min Scan# 1723

Delta R.T. 0.006 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

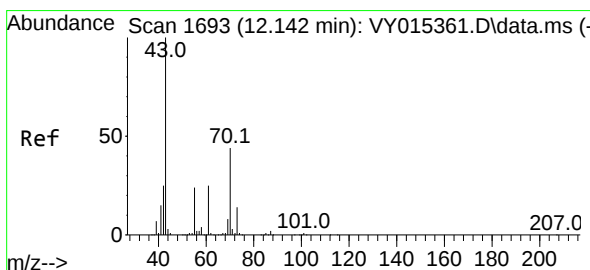
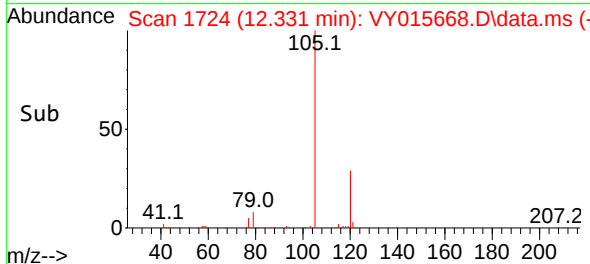
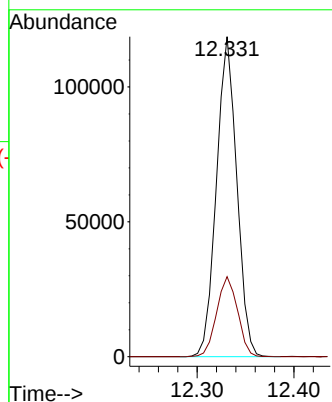
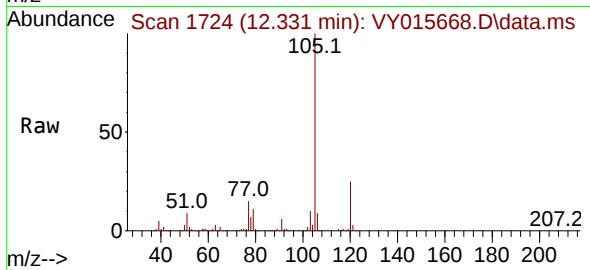
ClientSampleId :

Tgt Ion:105 Resp: 172855

Ion Ratio Lower Upper

105 100

120 25.7 13.3 39.9



#74

N-ethyl acetate

Concen: 18.950 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Tgt Ion: 43 Resp: 59150

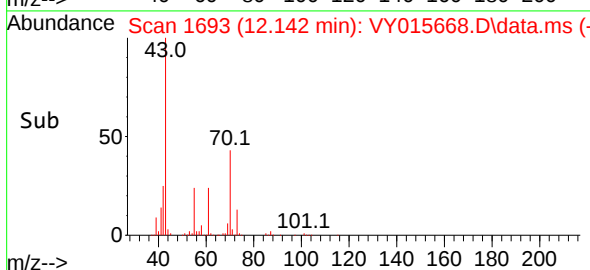
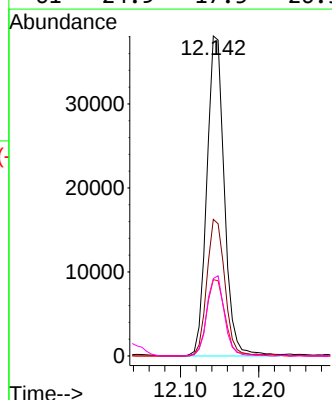
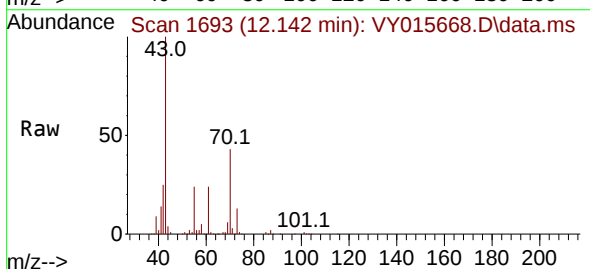
Ion Ratio Lower Upper

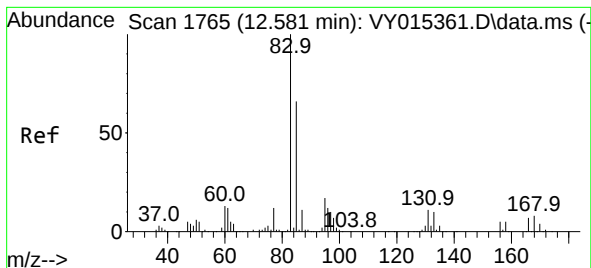
43 100

70 43.6 29.7 44.5

55 25.2 18.3 27.5

61 24.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.456 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

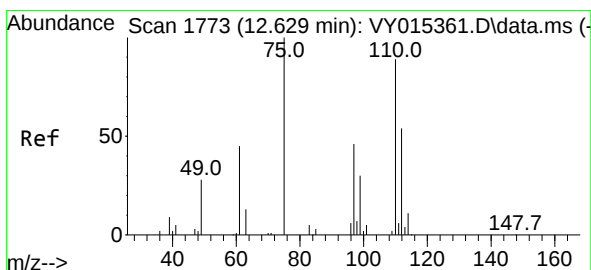
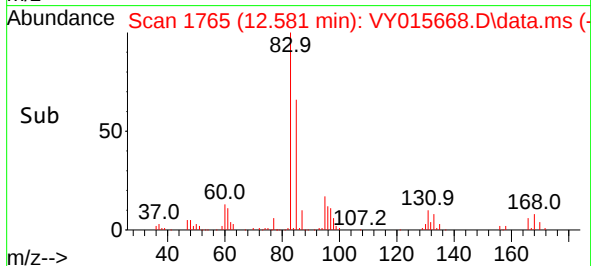
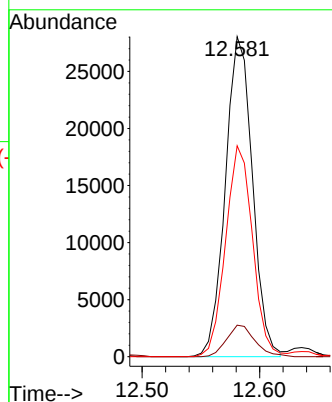
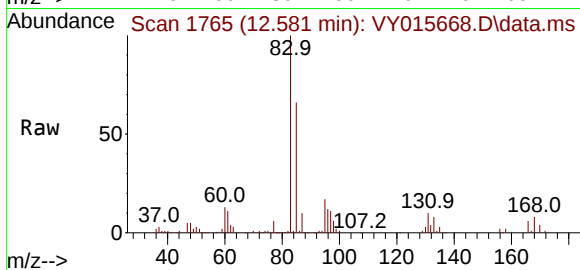
Tgt Ion: 83 Resp: 44969

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 65.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 32.991 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY015668.D

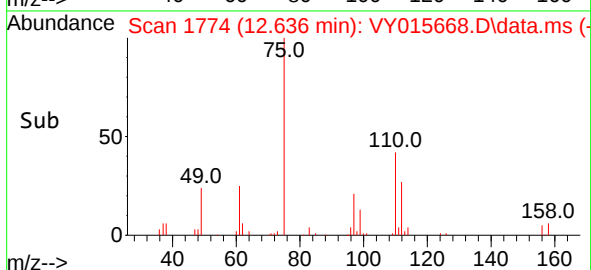
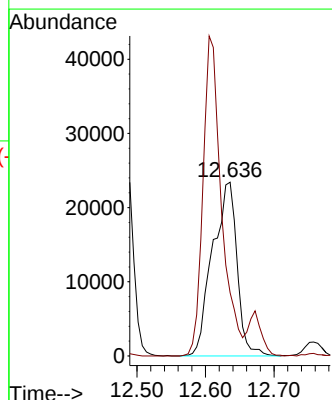
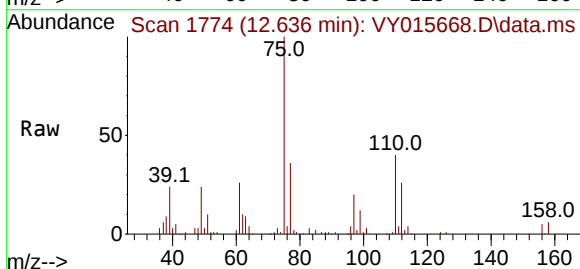
Acq: 21 Sep 2023 11:15

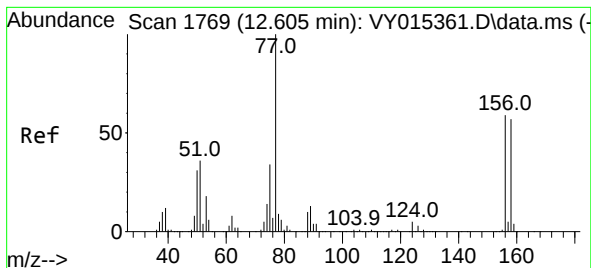
Tgt Ion: 75 Resp: 58266

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.011 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

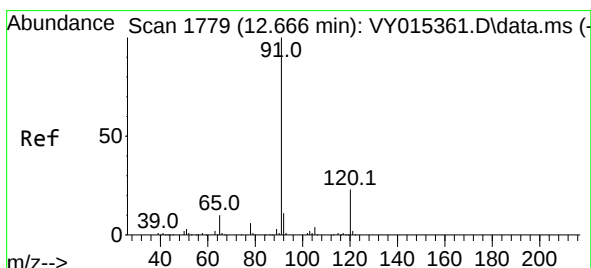
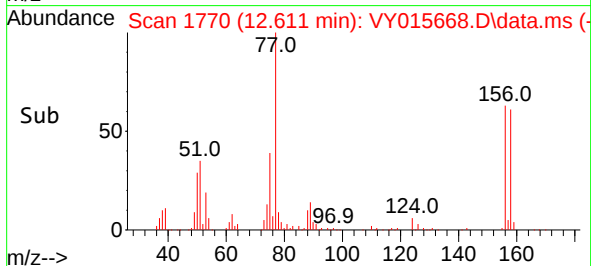
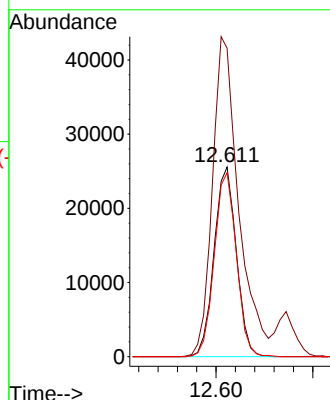
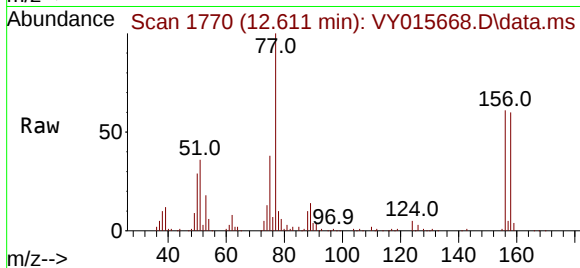
Tgt Ion:156 Resp: 40795

Ion Ratio Lower Upper

156 100

77 198.3 92.8 278.6

158 96.1 48.4 145.3



#78

n-propylbenzene

Concen: 20.863 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015668.D

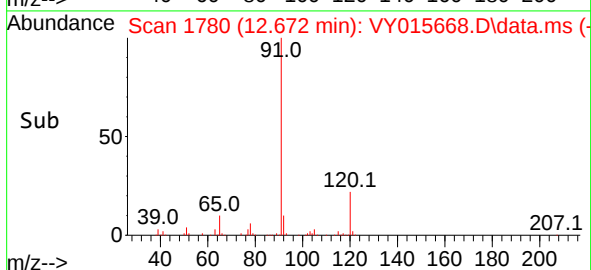
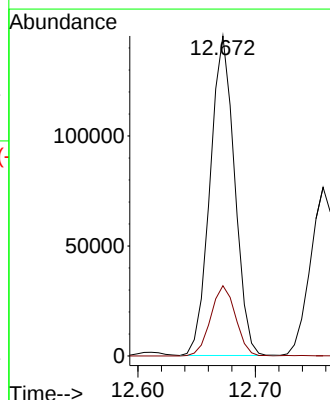
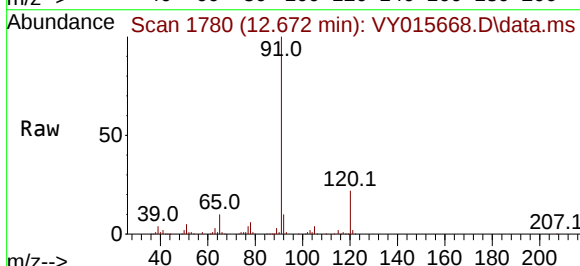
Acq: 21 Sep 2023 11:15

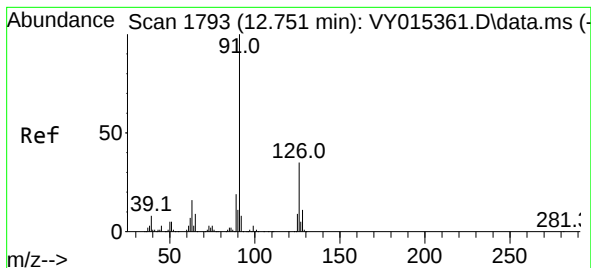
Tgt Ion: 91 Resp: 210497

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.418 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

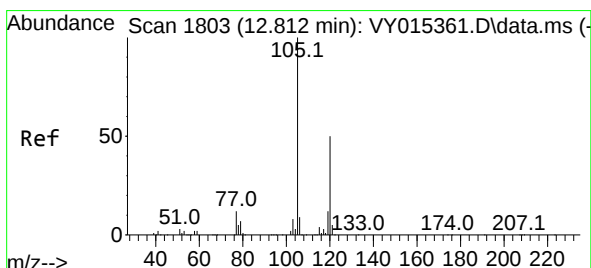
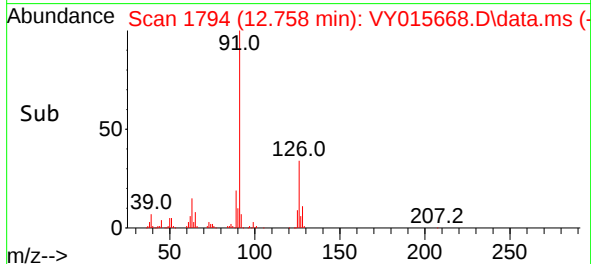
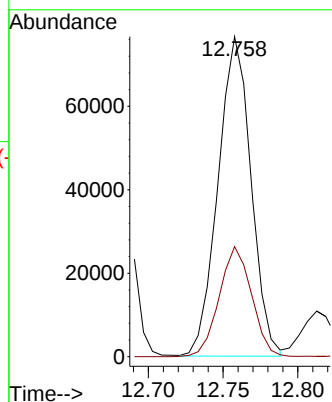
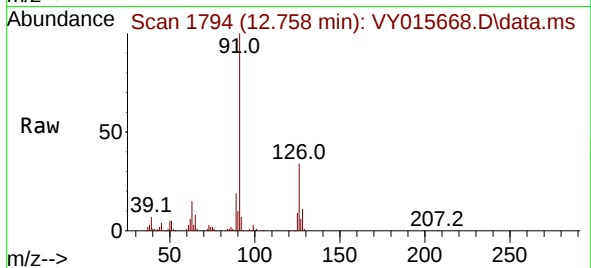
ClientSampleId :

Tgt Ion: 91 Resp: 117428

Ion Ratio Lower Upper

91 100

126 33.8 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 20.653 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY015668.D

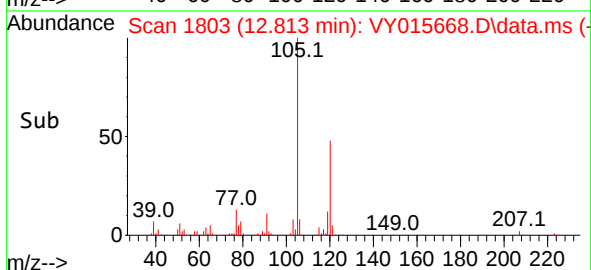
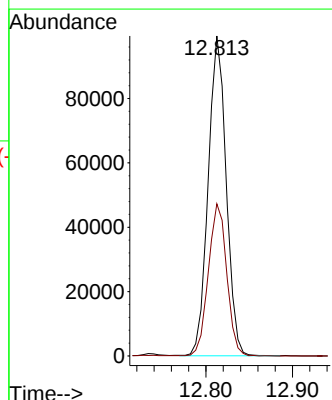
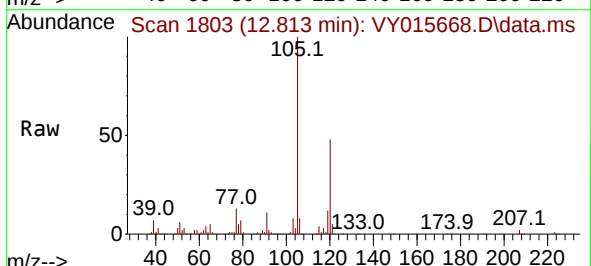
Acq: 21 Sep 2023 11:15

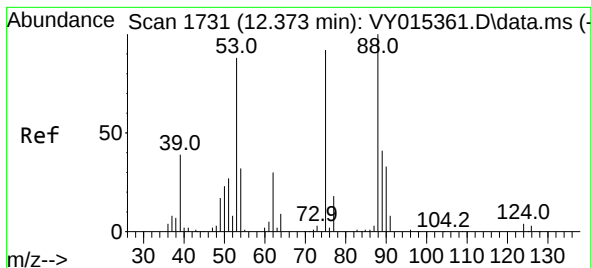
Tgt Ion: 105 Resp: 143590

Ion Ratio Lower Upper

105 100

120 48.5 23.9 71.7

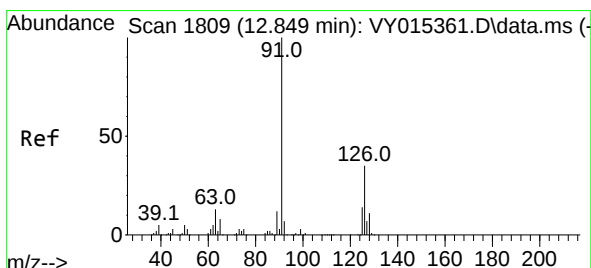
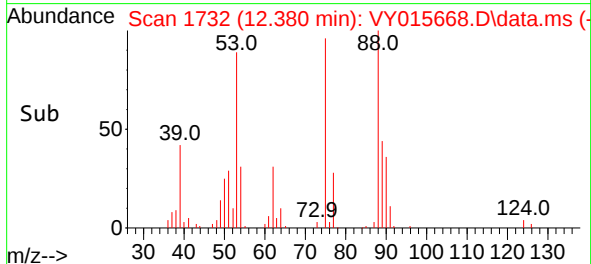
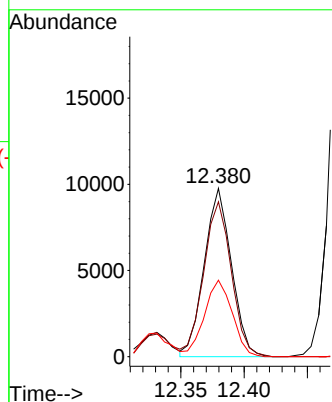
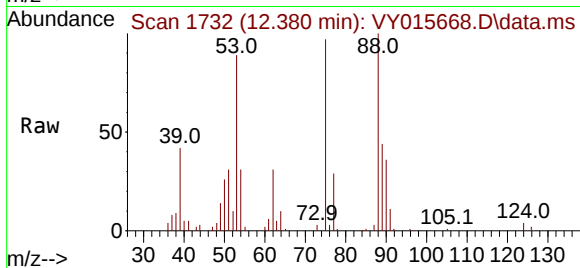




#81
trans-1,4-Dichloro-2-butene
Concen: 18.653 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

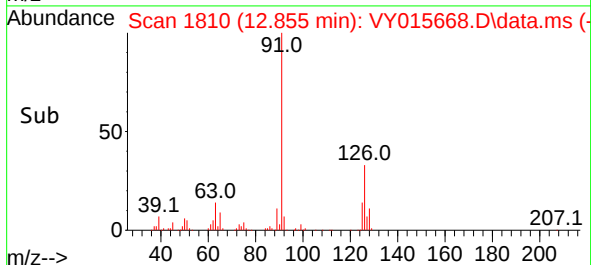
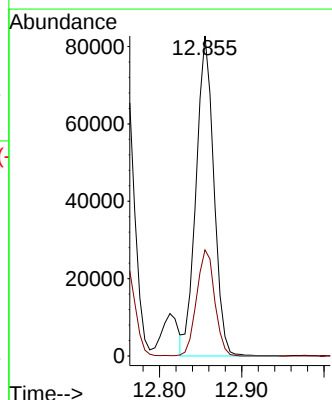
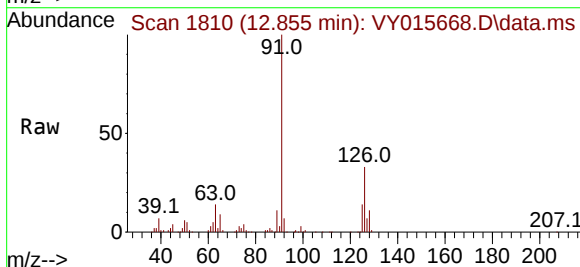
Instrument :
MSVOA_Y
ClientSampleId :

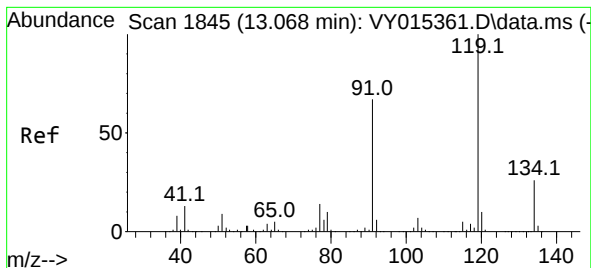
Tgt Ion: 75 Resp: 14629
Ion Ratio Lower Upper
75 100
53 93.6 77.8 116.8
89 46.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.639 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

Tgt Ion: 91 Resp: 123912
Ion Ratio Lower Upper
91 100
126 33.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.602 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

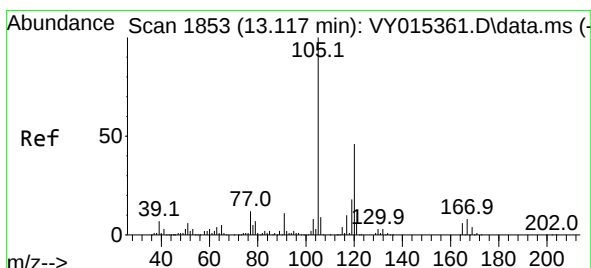
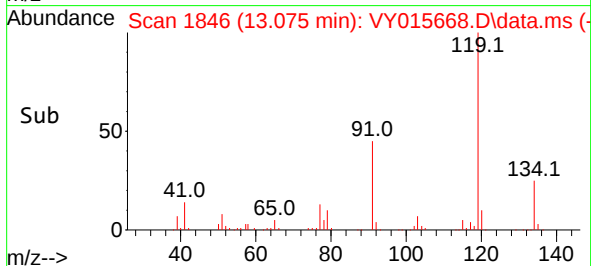
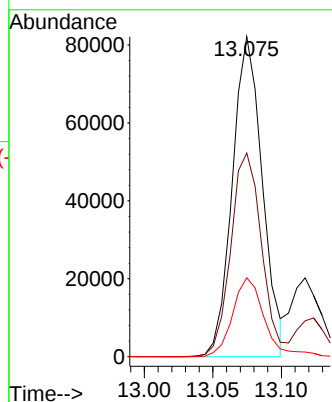
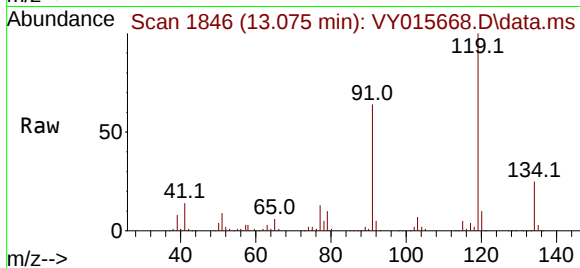
Tgt Ion:119 Resp: 125452

Ion Ratio Lower Upper

119 100

91 65.7 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.532 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015668.D

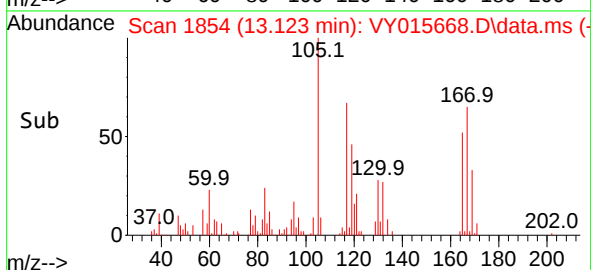
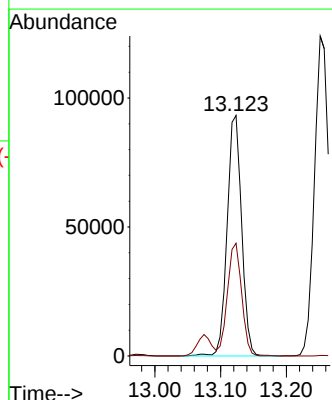
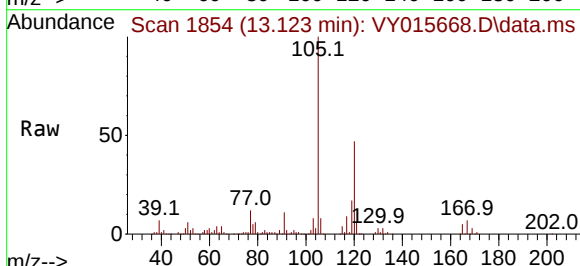
Acq: 21 Sep 2023 11:15

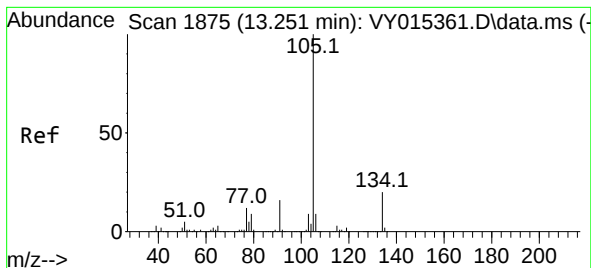
Tgt Ion:105 Resp: 142834

Ion Ratio Lower Upper

105 100

120 46.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.979 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.001 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

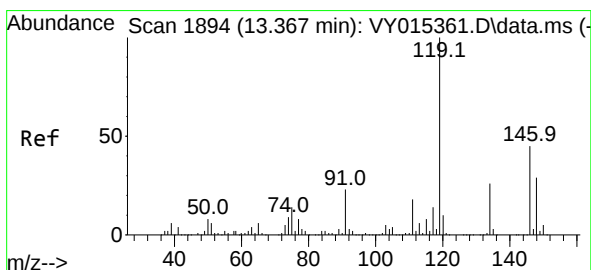
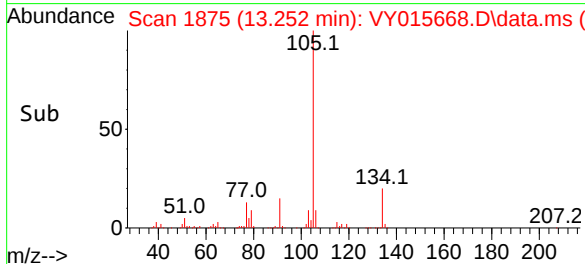
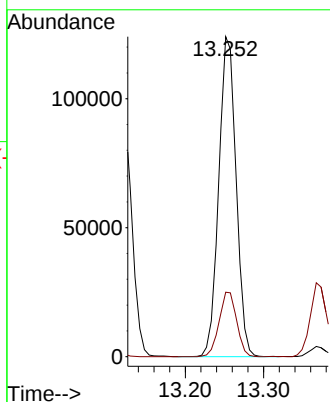
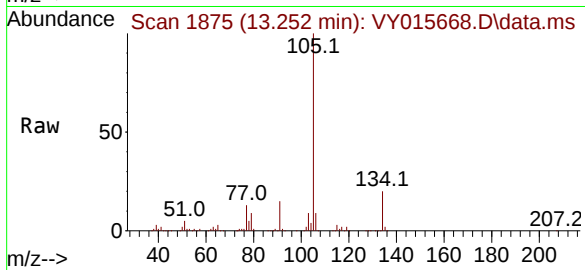
ClientSampleId :

Tgt Ion:105 Resp: 191181

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.807 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

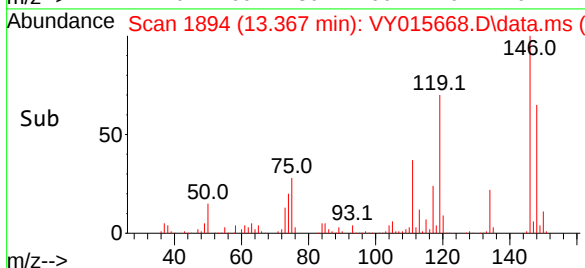
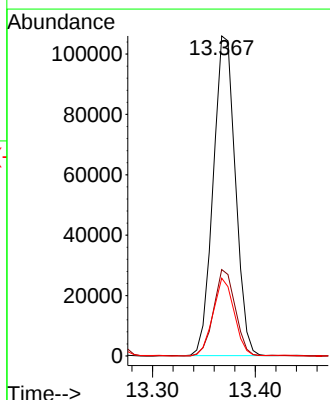
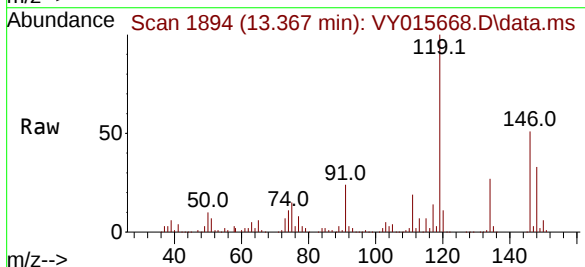
Tgt Ion:119 Resp: 158388

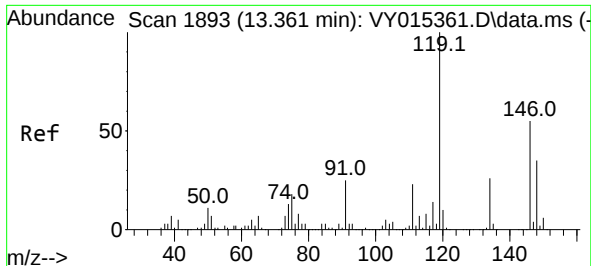
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.129 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

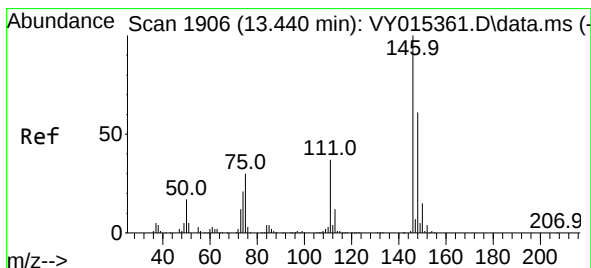
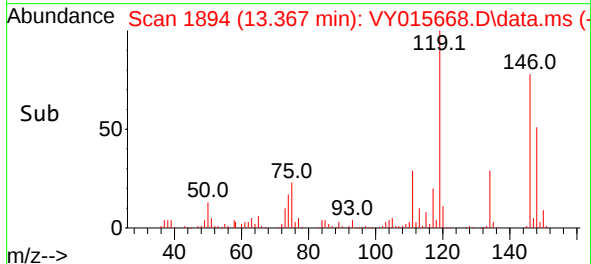
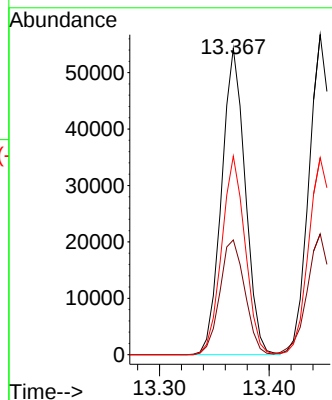
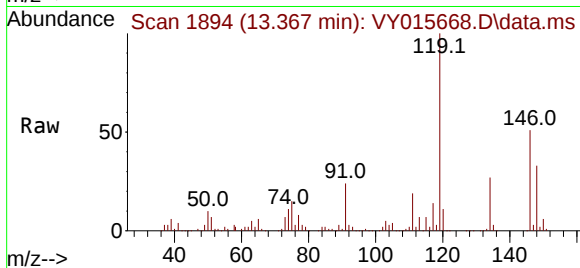
Tgt Ion:146 Resp: 81409

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.2

148 64.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.542 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

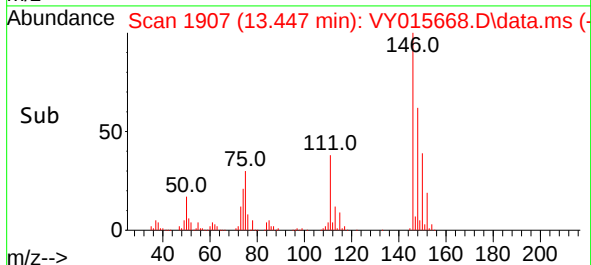
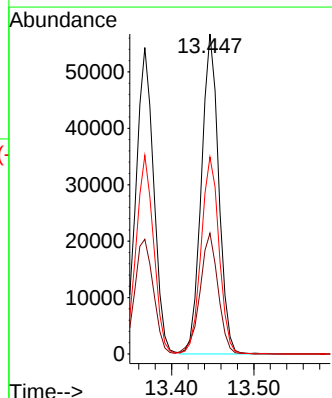
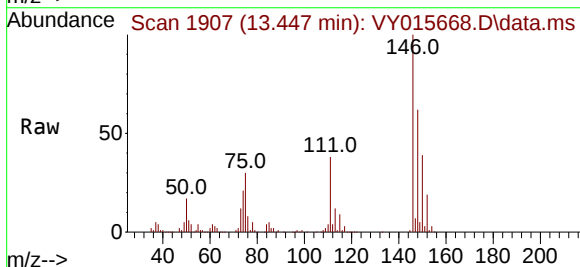
Tgt Ion:146 Resp: 83089

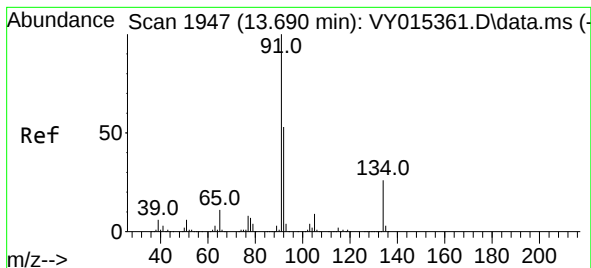
Ion Ratio Lower Upper

146 100

111 39.4 18.9 56.7

148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 20.688 ug/l

RT: 13.697 min Scan# 1947

Delta R.T. 0.001 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

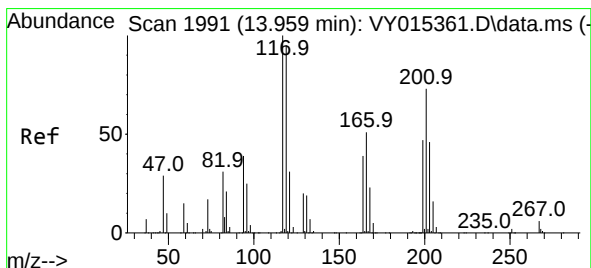
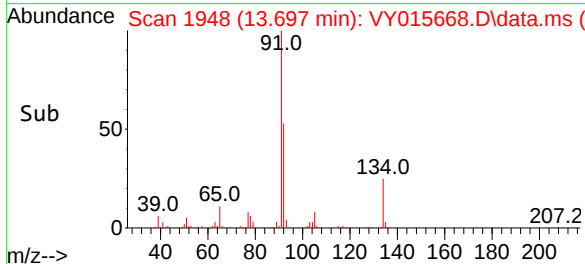
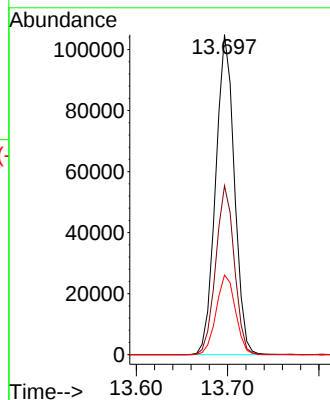
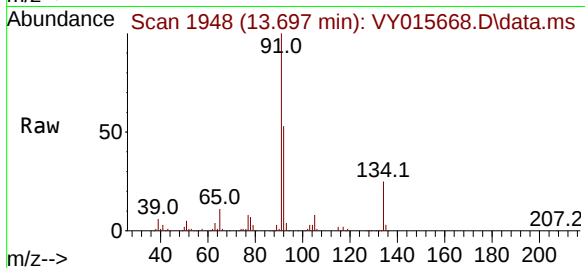
Tgt Ion: 91 Resp: 149124

Ion Ratio Lower Upper

91 100

92 52.3 25.4 76.0

134 25.7 12.6 37.6



#90

Hexachloroethane

Concen: 20.780 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015668.D

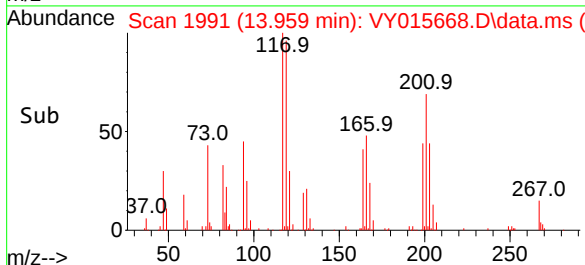
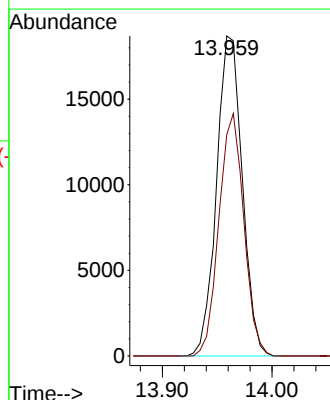
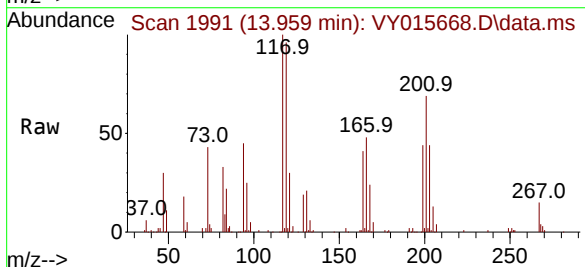
Acq: 21 Sep 2023 11:15

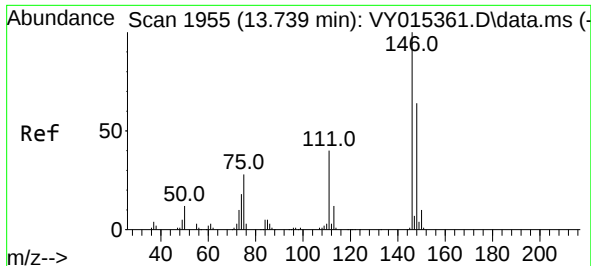
Tgt Ion: 117 Resp: 30528

Ion Ratio Lower Upper

117 100

201 73.2 41.6 124.8

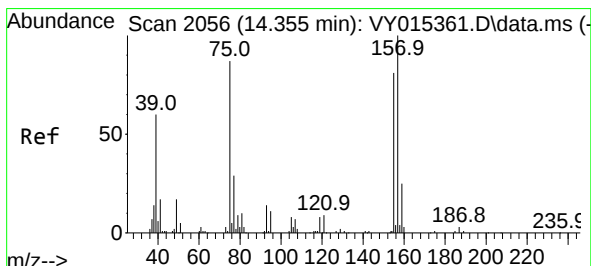
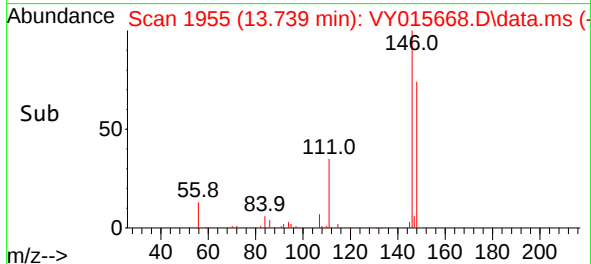
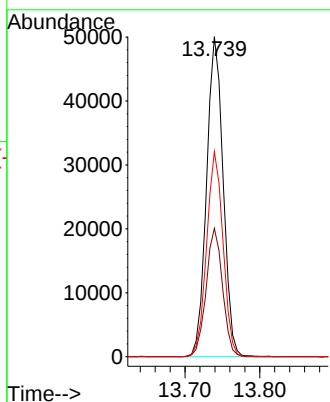
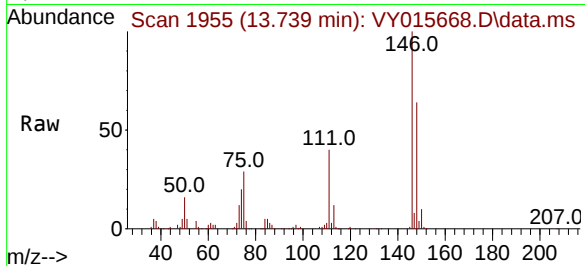




#91
1,2-Dichlorobenzene
Concen: 20.601 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

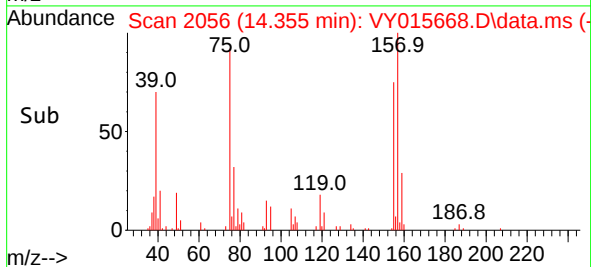
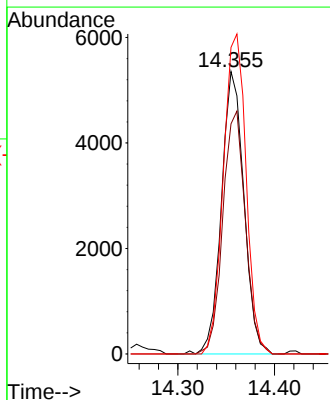
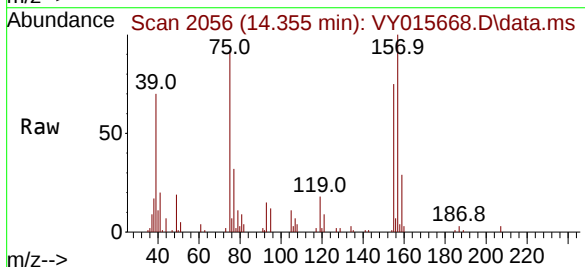
Instrument :
MSVOA_Y
ClientSampleId :

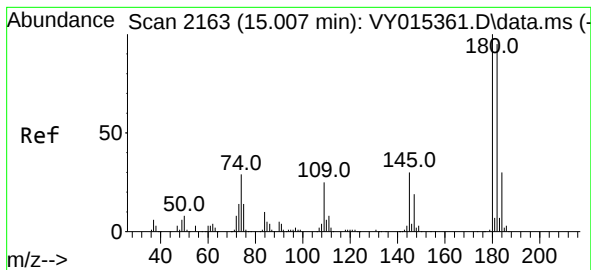
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.0
148	63.5	32.0	96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.758 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY015668.D
Acq: 21 Sep 2023 11:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.3	41.5	124.6
157	114.9	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.046 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015668.D

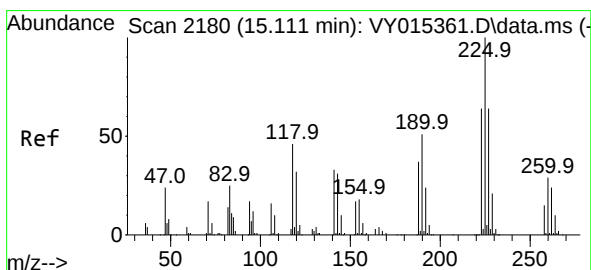
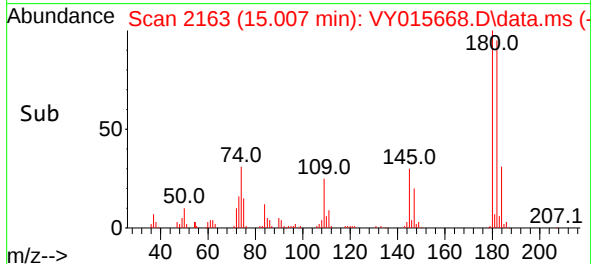
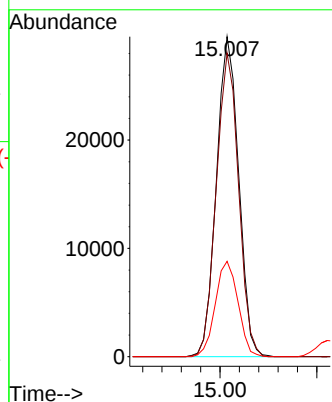
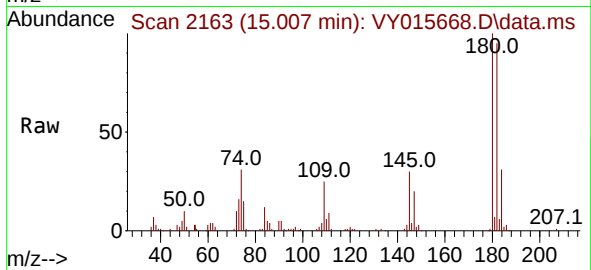
Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	180	Resp:	47115
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.0	141.2
145	30.4	14.5	43.5



#94

Hexachlorobutadiene

Concen: 21.102 ug/l

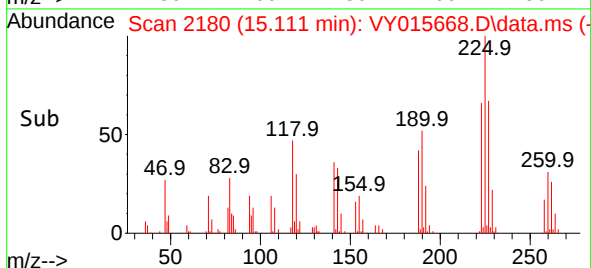
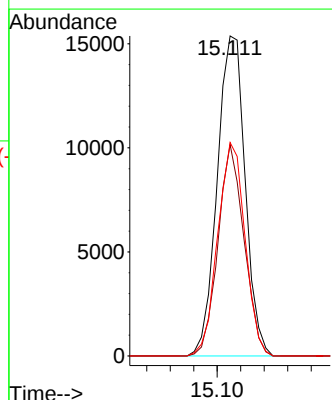
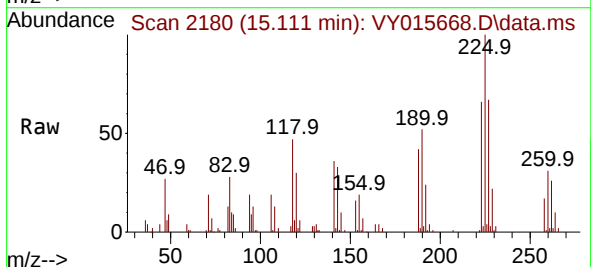
RT: 15.111 min Scan# 2180

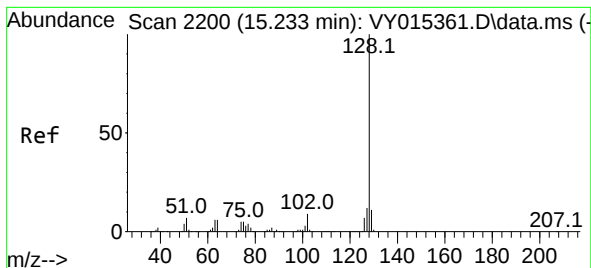
Delta R.T. -0.000 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Tgt Ion:	225	Resp:	25399
Ion Ratio	Lower	Upper	
225	100		
223	61.5	31.9	95.9
227	65.1	33.0	98.9





#95

Naphthalene

Concen: 19.037 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

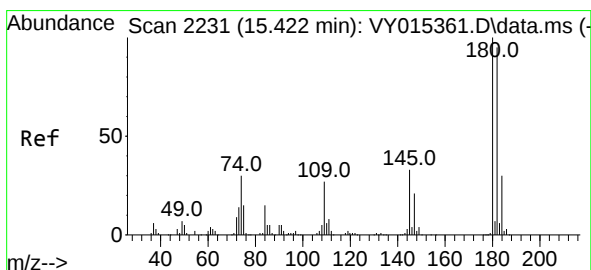
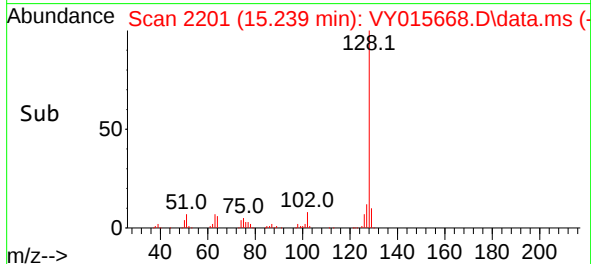
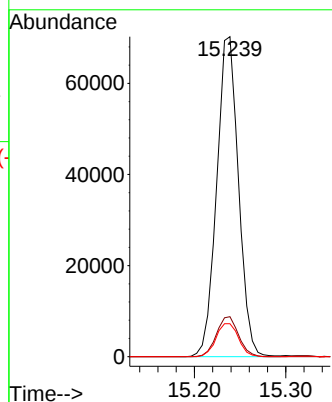
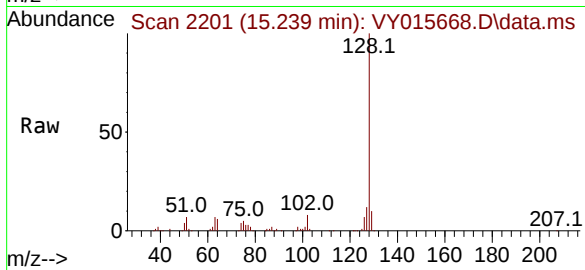
Tgt Ion:128 Resp: 116671

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.829 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015668.D

Acq: 21 Sep 2023 11:15

Tgt Ion:180 Resp: 43016

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.8

145 31.7 15.4 46.2

