

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061225\
 Data File : VY022668.D
 Acq On : 12 Jun 2025 12:46
 Operator : SY/MD
 Sample : VY0612SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBS01

Quant Time: Jun 13 05:38:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	165374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	278756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	235023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	109296	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	87487	47.300	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.600%
35) Dibromofluoromethane	7.634	113	85218	51.218	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.440%
50) Toluene-d8	10.103	98	340765	50.687	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.380%
62) 4-Bromofluorobenzene	12.401	95	96341	48.096	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	30736	20.759	ug/l	90
3) Chloromethane	2.068	50	82576	18.879	ug/l	99
4) Vinyl Chloride	2.202	62	124334	24.503	ug/l	100
5) Bromomethane	2.586	94	111370	22.899	ug/l	98
6) Chloroethane	2.726	64	87131	25.017	ug/l	91
7) Trichlorofluoromethane	3.043	101	121703	28.253	ug/l	98
8) Diethyl Ether	3.445	74	18711	19.288	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.805	101	37251	20.532	ug/l	99
10) Methyl Iodide	4.000	142	32801	16.706	ug/l	99
11) Tert butyl alcohol	4.860	59	12188	92.259	ug/l	99
12) 1,1-Dichloroethene	3.787	96	35964	20.738	ug/l	91
13) Acrolein	3.653	56	11314	68.721	ug/l	95
14) Allyl chloride	4.372	41	49595	18.217	ug/l	98
15) Acrylonitrile	5.055	53	37043	90.161	ug/l	99
16) Acetone	3.866	43	39647	105.548	ug/l	91
17) Carbon Disulfide	4.098	76	105499	19.001	ug/l	99
18) Methyl Acetate	4.378	43	17509	15.741	ug/l	95
19) Methyl tert-butyl Ether	5.110	73	92468	18.931	ug/l	99
20) Methylene Chloride	4.604	84	44862	21.025	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	39296	20.246	ug/l	92
22) Diisopropyl ether	6.018	45	114741	18.934	ug/l	97
23) Vinyl Acetate	5.957	43	324232	90.397	ug/l	96
24) 1,1-Dichloroethane	5.908	63	72050	20.182	ug/l	99
25) 2-Butanone	6.896	43	51293	94.667	ug/l	99
26) 2,2-Dichloropropane	6.878	77	63993	20.287	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	45363	20.220	ug/l	97
28) Bromochloromethane	7.237	49	29572	19.003	ug/l	94
29) Tetrahydrofuran	7.268	42	29909	85.586	ug/l	97
30) Chloroform	7.414	83	71748	20.290	ug/l	94
31) Cyclohexane	7.701	56	66516	18.715	ug/l	87
32) 1,1,1-Trichloroethane	7.609	97	65291	20.800	ug/l	98
36) 1,1-Dichloropropene	7.835	75	55323	20.487	ug/l	100
37) Ethyl Acetate	6.981	43	21809	18.110	ug/l	98
38) Carbon Tetrachloride	7.817	117	56492	20.393	ug/l	97
39) Methylcyclohexane	9.103	83	71268	19.639	ug/l	97
40) Benzene	8.079	78	164443	20.617	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	11591	16.478	ug/l	94
42) 1,2-Dichloroethane	8.158	62	42544	19.536	ug/l	98
43) Isopropyl Acetate	8.195	43	44775	17.216	ug/l	97
44) Trichloroethene	8.859	130	39971	20.505	ug/l	98
45) 1,2-Dichloropropane	9.140	63	38152	20.240	ug/l	98
46) Dibromomethane	9.231	93	20590	19.416	ug/l	97
47) Bromodichloromethane	9.420	83	55021	20.462	ug/l #	96
48) Methyl methacrylate	9.219	41	20783	17.026	ug/l	96
49) 1,4-Dioxane	9.225	88	5387	428.788	ug/l	89
51) 4-Methyl-2-Pentanone	9.993	43	112460	86.728	ug/l	96
52) Toluene	10.170	92	101428	20.236	ug/l	100
53) t-1,3-Dichloropropene	10.389	75	49066	19.475	ug/l	92
54) cis-1,3-Dichloropropene	9.853	75	58721	20.022	ug/l	96
55) 1,1,2-Trichloroethane	10.566	97	28022	20.723	ug/l	95
56) Ethyl methacrylate	10.438	69	34610	17.709	ug/l	100
57) 1,3-Dichloropropane	10.712	76	46411	19.365	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.707	63	84117	94.797	ug/l	100
59) 2-Hexanone	10.755	43	75535	87.100	ug/l	95
60) Dibromochloromethane	10.908	129	34068	19.825	ug/l	99
61) 1,2-Dibromoethane	11.017	107	25049	20.324	ug/l	94
64) Tetrachloroethene	10.645	164	45104	22.310	ug/l	97
65) Chlorobenzene	11.438	112	107200	20.612	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	34116	19.473	ug/l	95
67) Ethyl Benzene	11.517	91	189574	19.653	ug/l	94
68) m/p-Xylenes	11.627	106	147464	40.326	ug/l	98
69) o-Xylene	11.950	106	69268	20.204	ug/l	96
70) Styrene	11.968	104	114292	20.167	ug/l	95
71) Bromoform	12.133	173	17867	19.164	ug/l #	98
73) Isopropylbenzene	12.249	105	181899	20.271	ug/l	99
74) N-amyl acetate	12.066	43	39622	17.500	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	28587	19.411	ug/l	95
76) 1,2,3-Trichloropropane	12.554	75	38423	30.729	ug/l #	100
77) Bromobenzene	12.529	156	38511	20.338	ug/l	97
78) n-propylbenzene	12.590	91	223817	20.422	ug/l	99
79) 2-Chlorotoluene	12.676	91	117852	20.289	ug/l	98
80) 1,3,5-Trimethylbenzene	12.730	105	142887	20.283	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	8949	17.284	ug/l	97
82) 4-Chlorotoluene	12.773	91	119437	19.932	ug/l	97
83) tert-Butylbenzene	12.993	119	127559	20.174	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	139480	19.796	ug/l	98
85) sec-Butylbenzene	13.169	105	198246	20.472	ug/l	99
86) p-Isopropyltoluene	13.285	119	163685	20.507	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	79412	20.699	ug/l	96
88) 1,4-Dichlorobenzene	13.364	146	76421	20.537	ug/l	99
89) n-Butylbenzene	13.614	91	158232	20.894	ug/l	99
90) Hexachloroethane	13.877	117	31650	20.368	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	66079	20.286	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4374	20.399	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	39260	22.099	ug/l	97
94) Hexachlorobutadiene	15.023	225	22032	22.469	ug/l	96
95) Naphthalene	15.138	128	66544	19.519	ug/l	99
96) 1,2,3-Trichlorobenzene	15.321	180	32485	21.336	ug/l	99

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QLast Update : Tue Jun 10 15:26:14 2025
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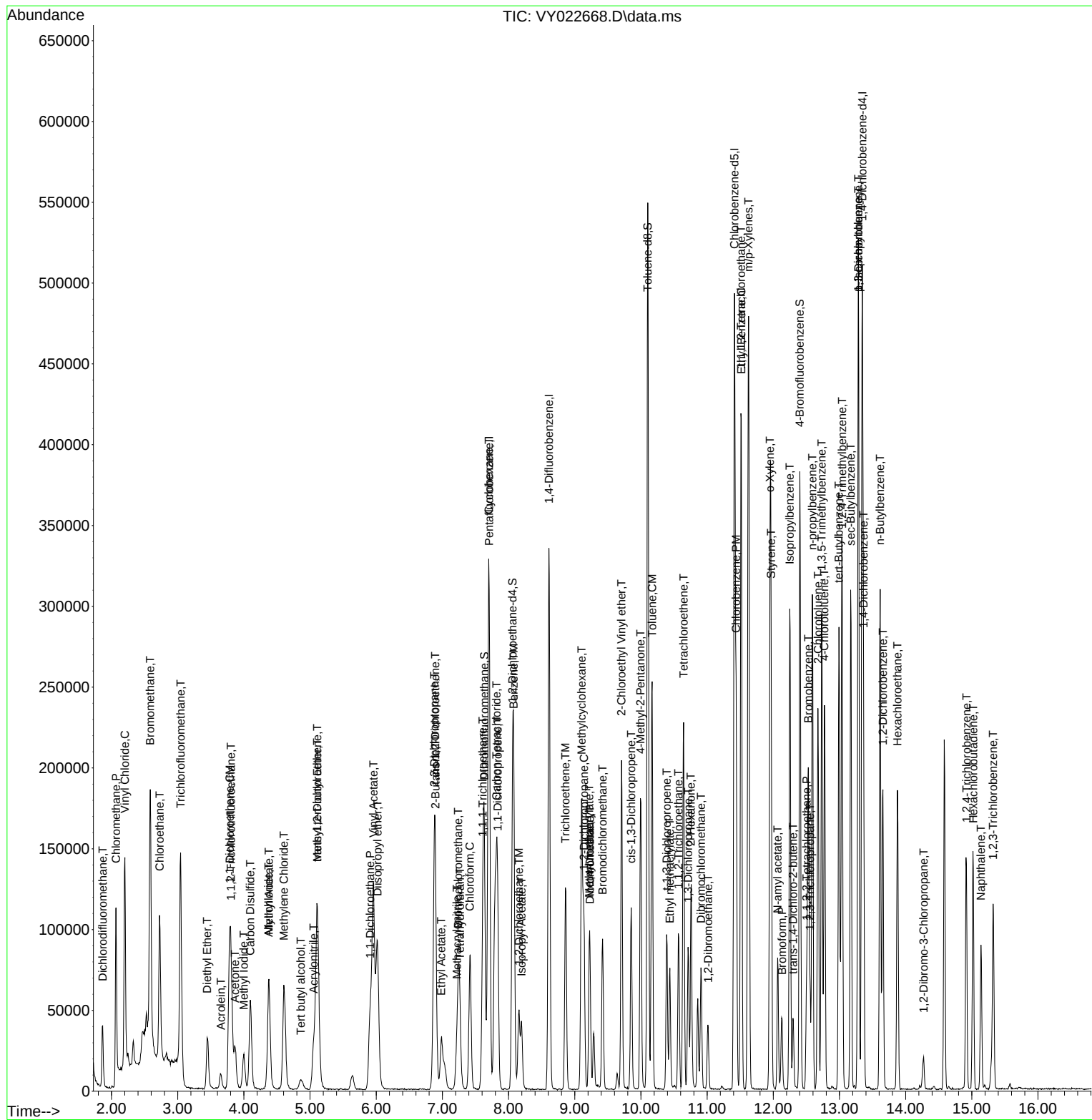
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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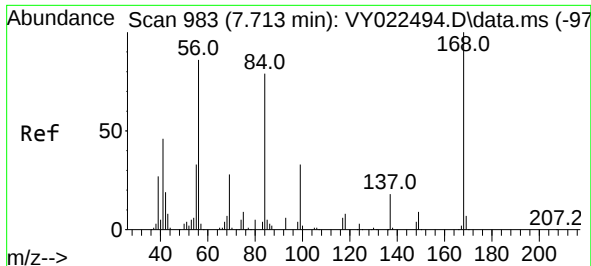
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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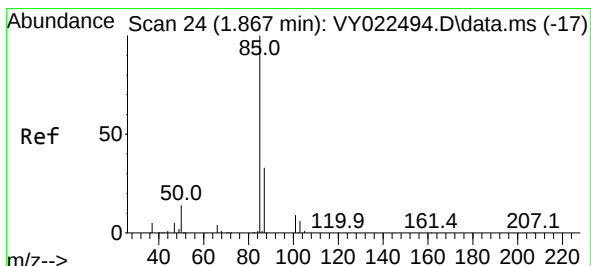
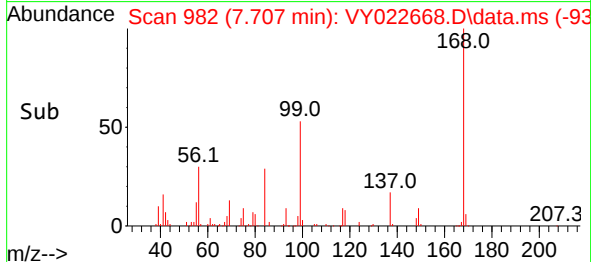
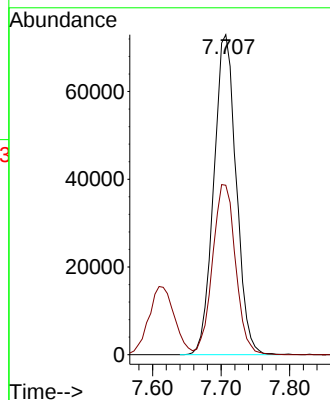
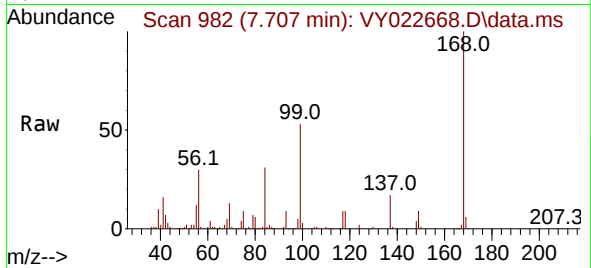




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY022668.D
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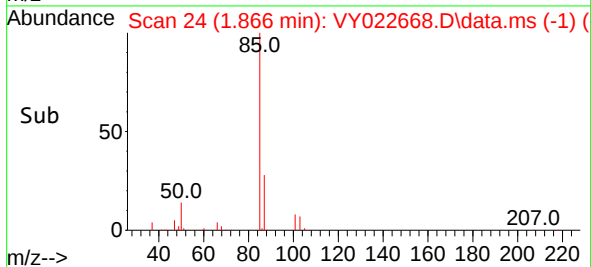
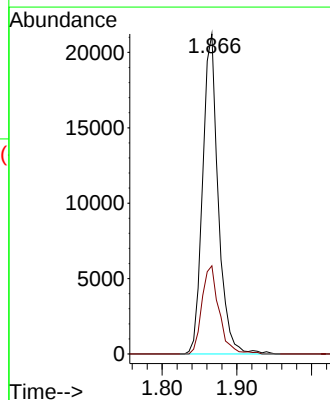
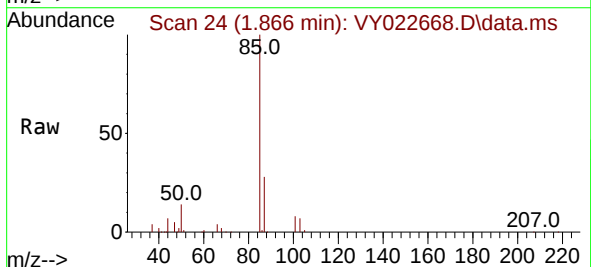
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

Tgt Ion:168 Resp: 165374
Ion Ratio Lower Upper
168 100
99 52.9 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 20.759 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion: 85 Resp: 30736
Ion Ratio Lower Upper
85 100
87 27.6 16.7 50.0

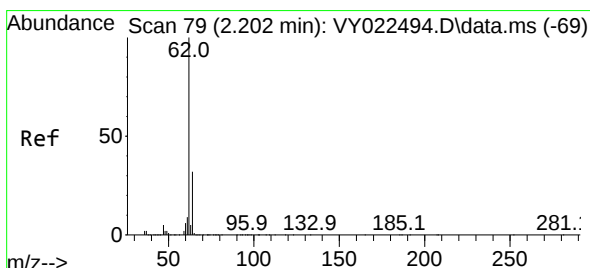
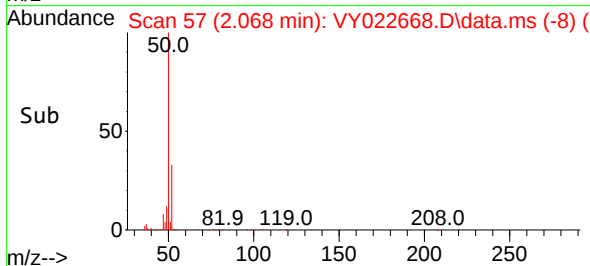
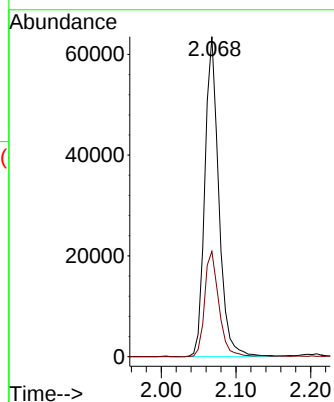
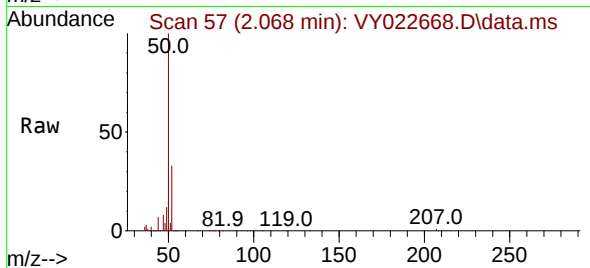




#3
Chloromethane
Concen: 18.879 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

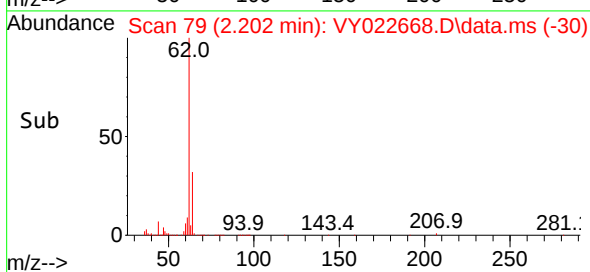
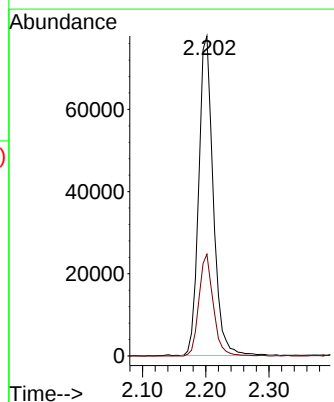
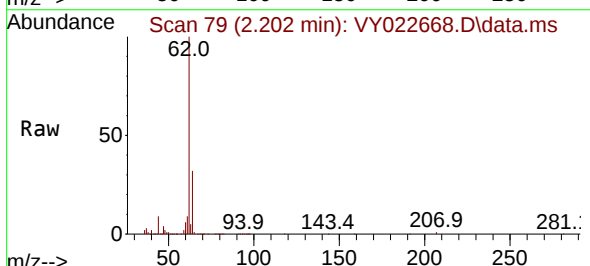
Instrument :
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ClientSampleId :
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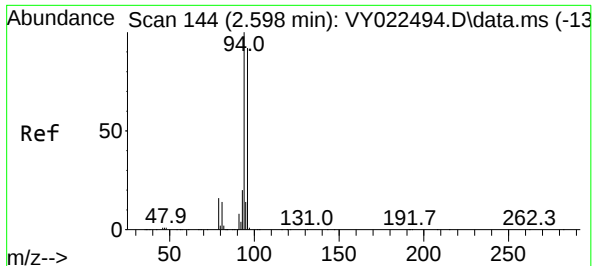
Tgt Ion: 50 Resp: 82576
Ion Ratio Lower Upper
50 100
52 32.9 26.0 39.0



#4
Vinyl Chloride
Concen: 24.503 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022668.D
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Tgt Ion: 62 Resp: 124334
Ion Ratio Lower Upper
62 100
64 31.8 25.3 37.9

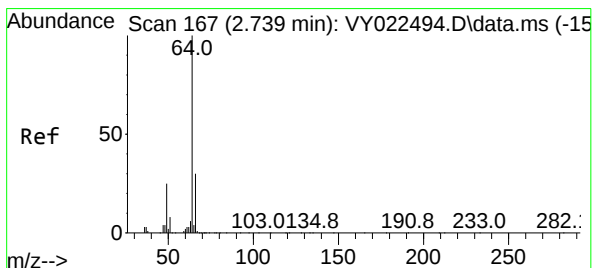
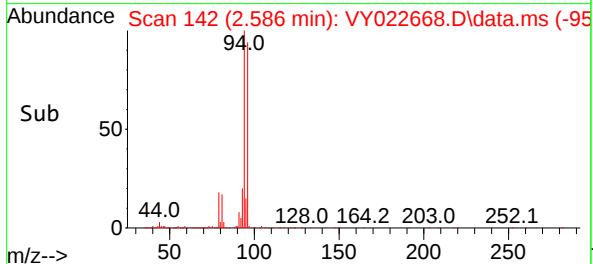
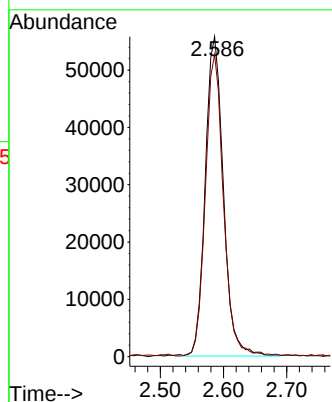
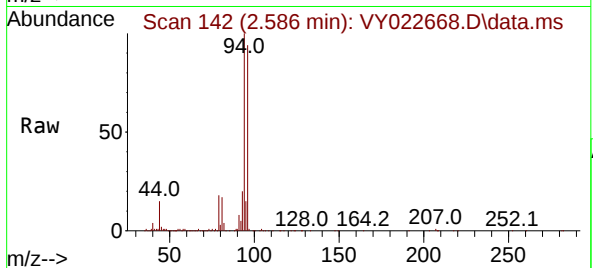




#5
Bromomethane
Concen: 22.899 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.013 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

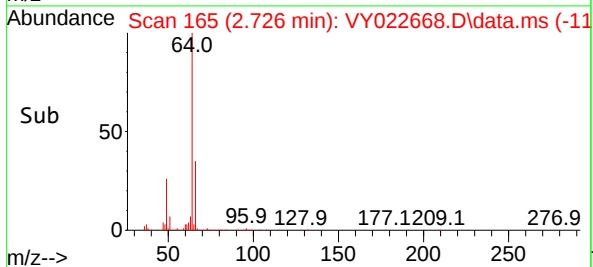
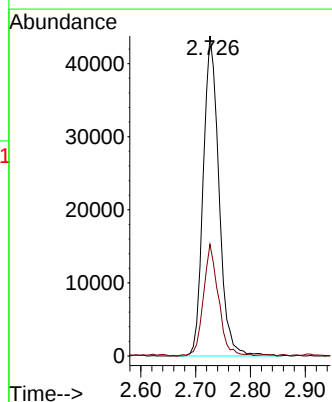
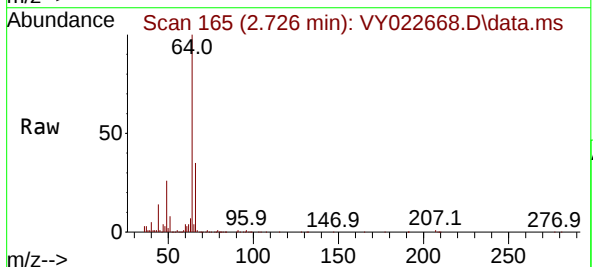
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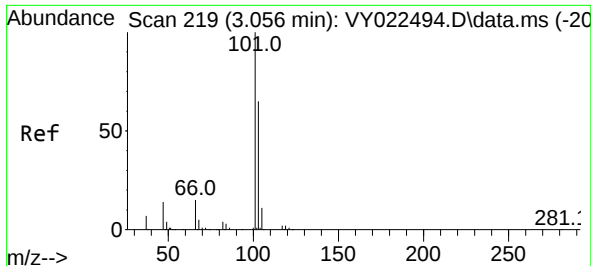
Tgt Ion: 94 Resp: 111370
Ion Ratio Lower Upper
94 100
96 94.2 74.0 111.0



#6
Chloroethane
Concen: 25.017 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.013 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion: 64 Resp: 87131
Ion Ratio Lower Upper
64 100
66 34.7 23.8 35.6

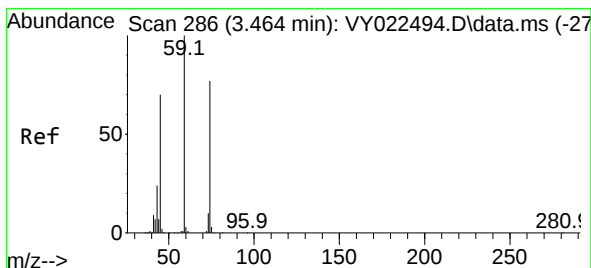
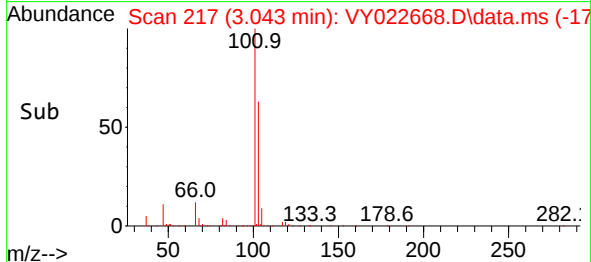
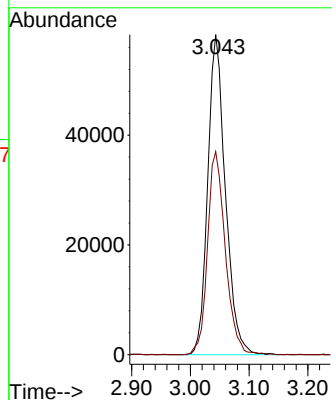
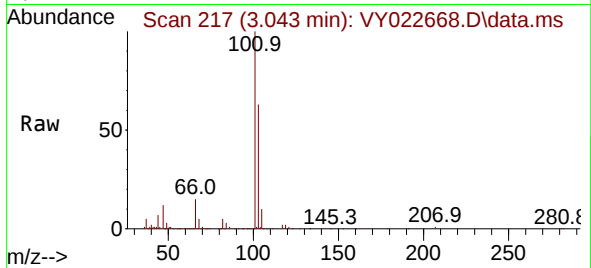




#7
Trichlorofluoromethane
Concen: 28.253 ug/l
RT: 3.043 min Scan# 219
Delta R.T. -0.013 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

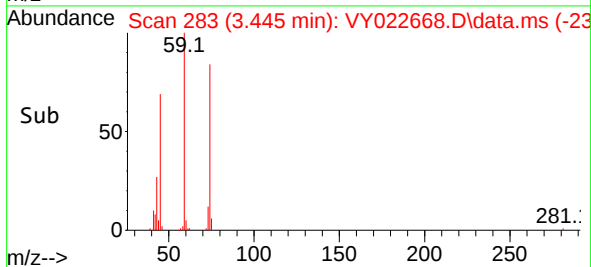
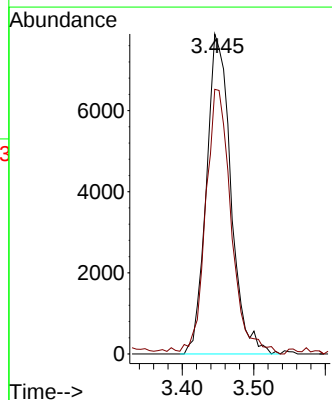
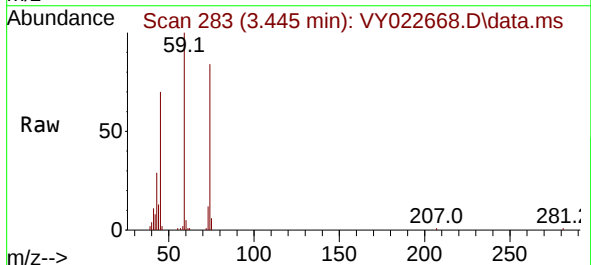
Instrument :
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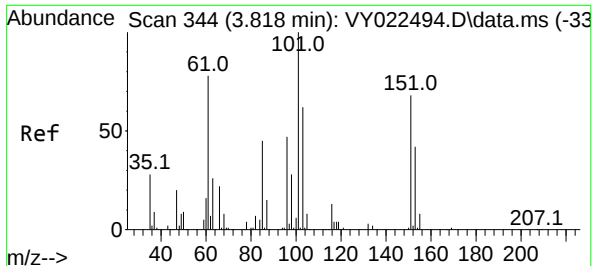
Tgt Ion:101 Resp: 121703
Ion Ratio Lower Upper
101 100
103 63.5 52.2 78.2



#8
Diethyl Ether
Concen: 19.288 ug/l
RT: 3.445 min Scan# 283
Delta R.T. -0.019 min
Lab File: VY022668.D
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Tgt Ion: 74 Resp: 18711
Ion Ratio Lower Upper
74 100
45 86.1 45.9 137.6

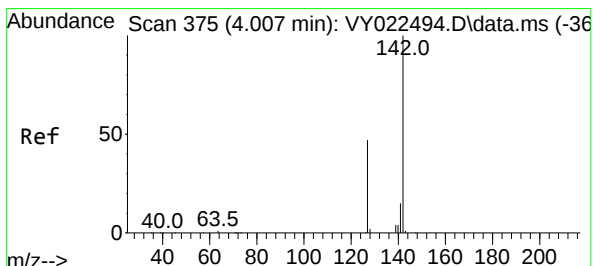
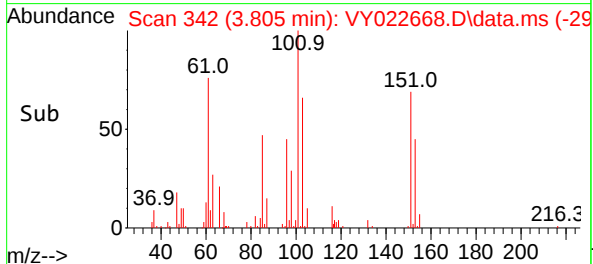
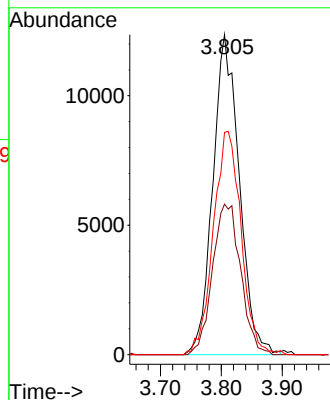
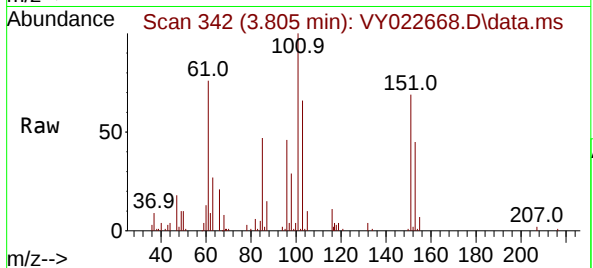




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.532 ug/l
RT: 3.805 min Scan# 344
Delta R.T. -0.013 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

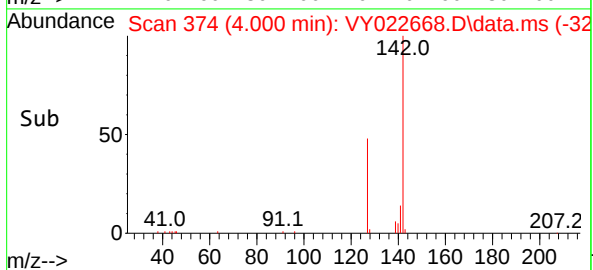
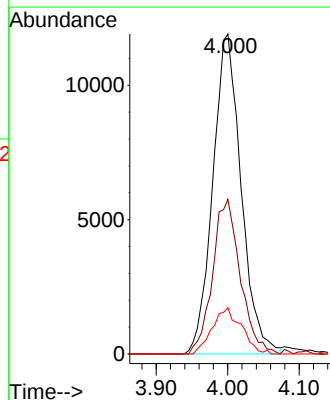
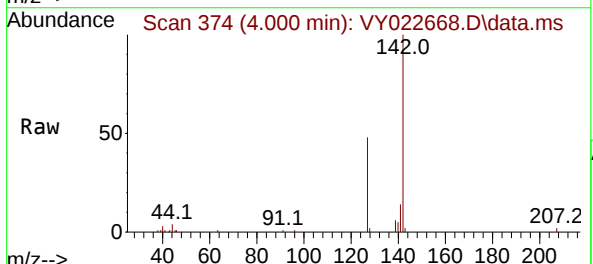
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

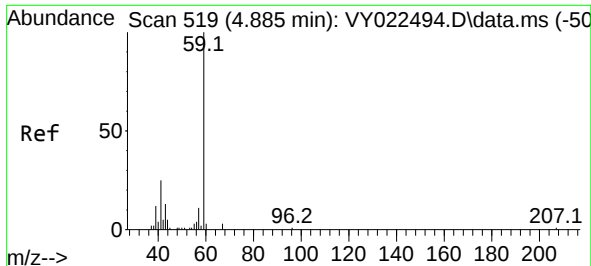
Tgt Ion:101 Resp: 37251
Ion Ratio Lower Upper
101 100
85 50.2 39.3 58.9
151 73.4 57.8 86.8



#10
Methyl Iodide
Concen: 16.706 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion:142 Resp: 32801
Ion Ratio Lower Upper
142 100
127 47.1 37.1 55.7
141 14.9 11.4 17.2

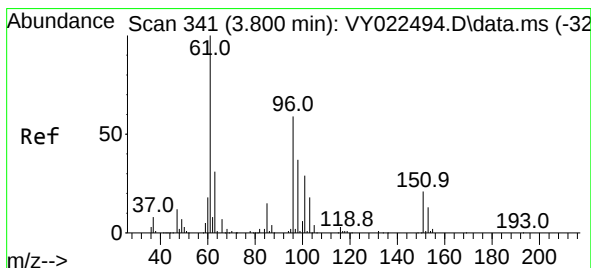
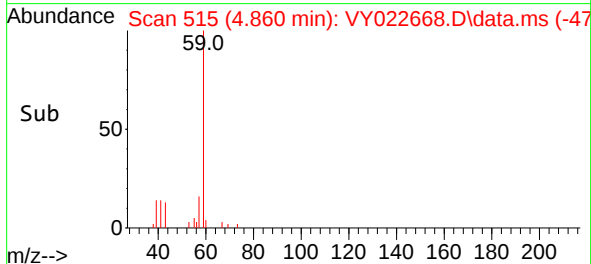
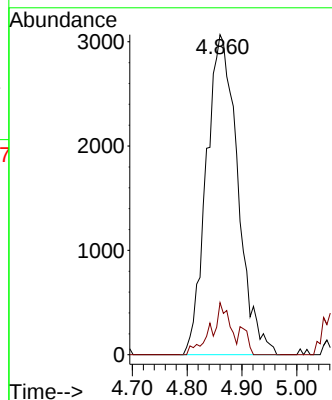
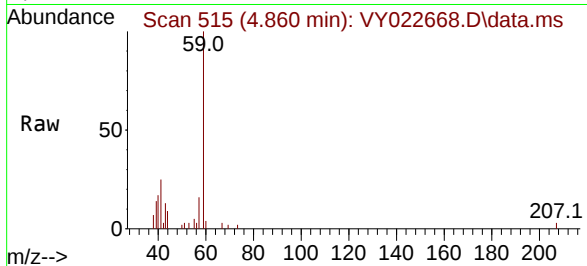




#11
Tert butyl alcohol
Concen: 92.259 ug/l
RT: 4.860 min Scan# 519
Delta R.T. -0.025 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

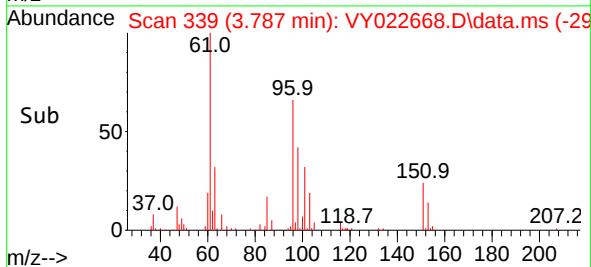
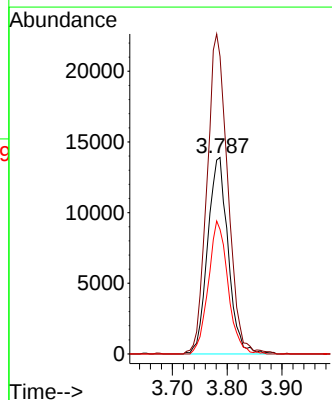
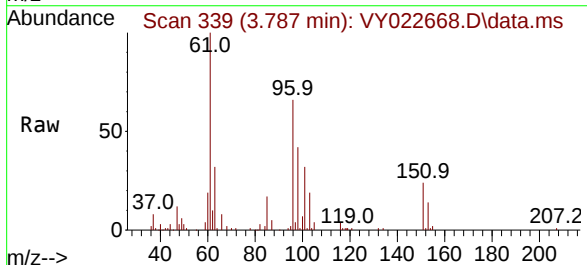
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

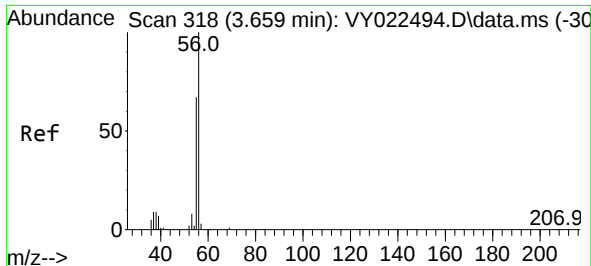
Tgt Ion: 59 Resp: 12188
Ion Ratio Lower Upper
59 100
57 9.8 8.0 12.0



#12
1,1-Dichloroethene
Concen: 20.738 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.013 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion: 96 Resp: 35964
Ion Ratio Lower Upper
96 100
61 151.4 134.6 201.8
98 63.4 50.2 75.4

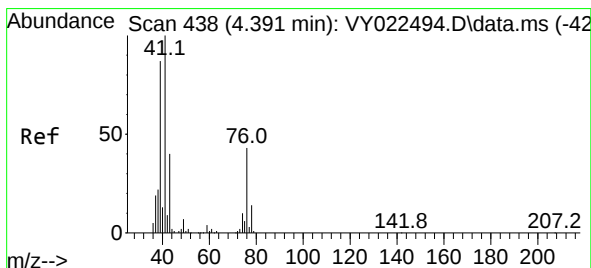
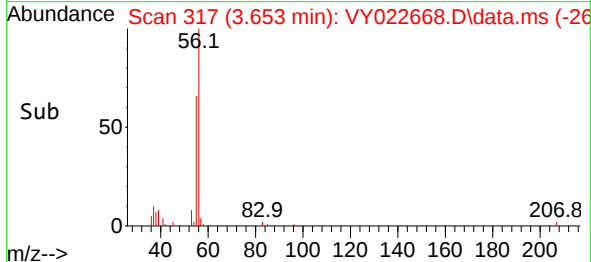
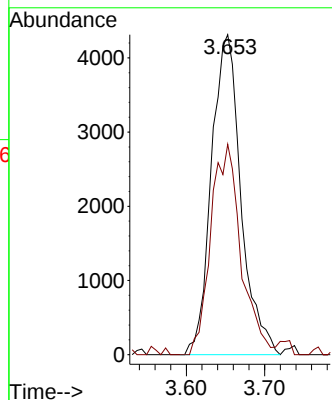
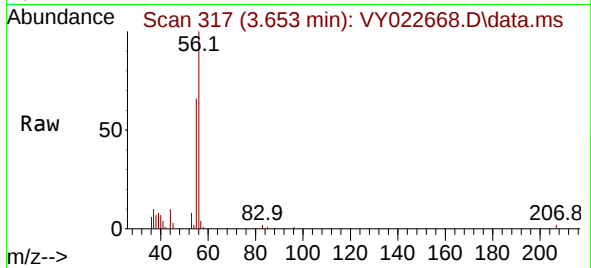




#13
Acrolein
Concen: 68.721 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

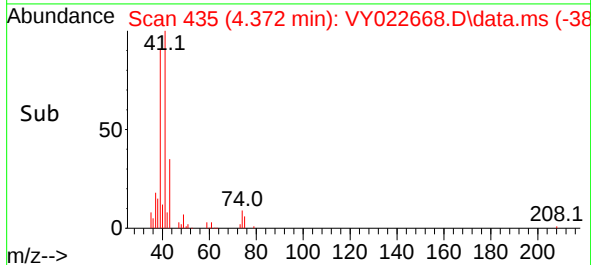
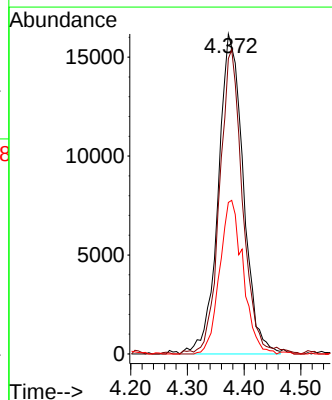
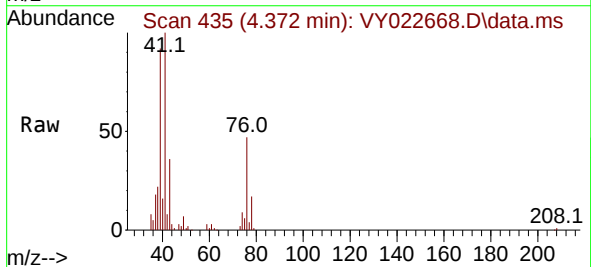
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

Tgt Ion: 56 Resp: 11314
Ion Ratio Lower Upper
56 100
55 66.8 57.0 85.6



#14
Allyl chloride
Concen: 18.217 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.019 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion: 41 Resp: 49595
Ion Ratio Lower Upper
41 100
39 87.5 69.1 103.7
76 45.0 33.5 50.3

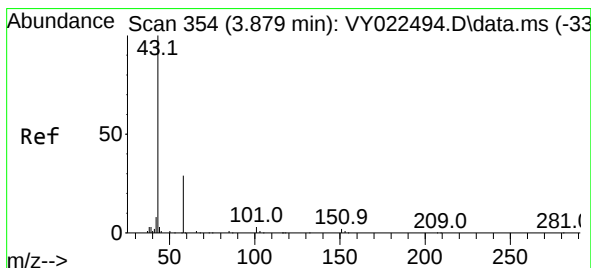
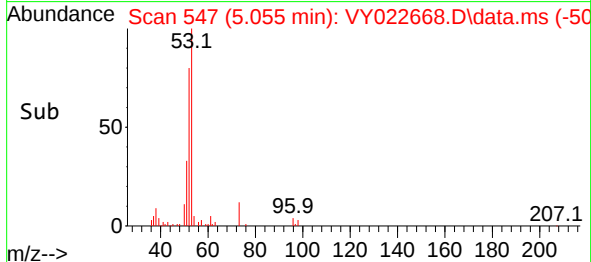
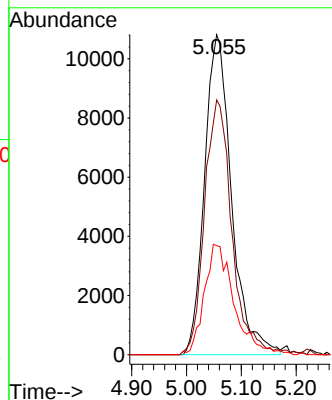
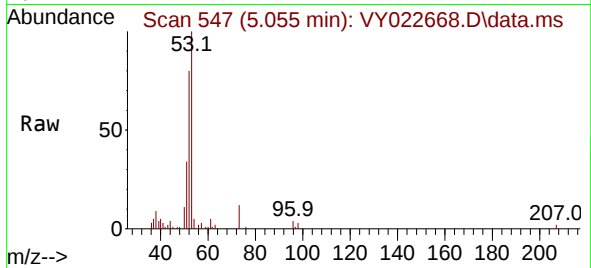




#15
Acrylonitrile
Concen: 90.161 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.013 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

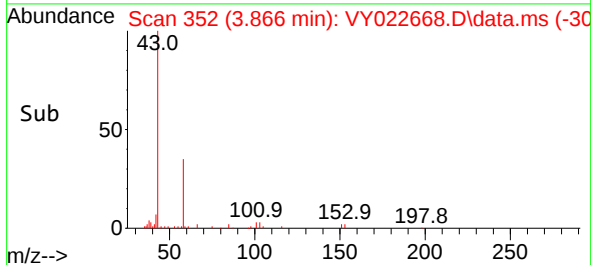
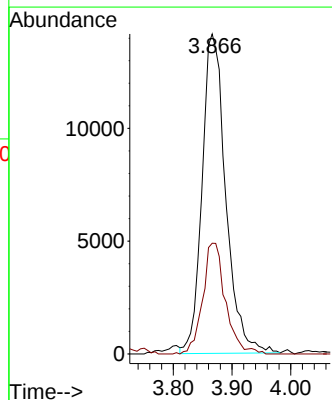
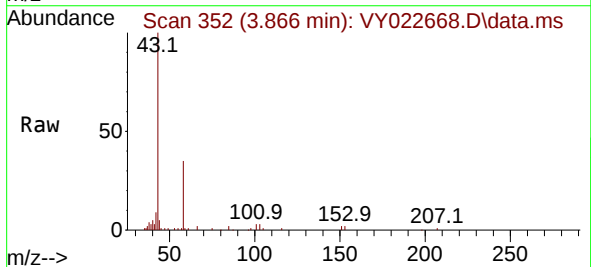
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

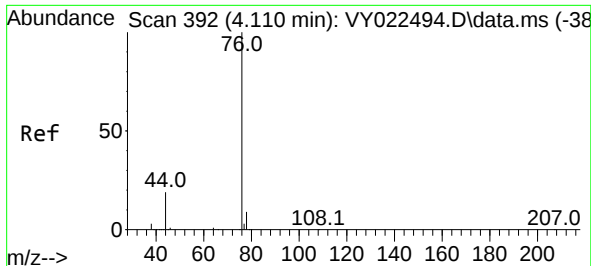
Tgt Ion	Ratio	Lower	Upper
53	100		
52	80.6	65.7	98.5
51	37.9	30.1	45.1



#16
Acetone
Concen: 105.548 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.013 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.7	24.0	36.0

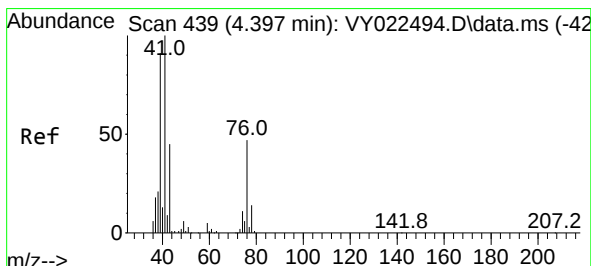
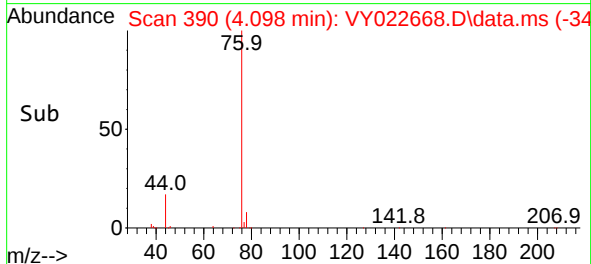
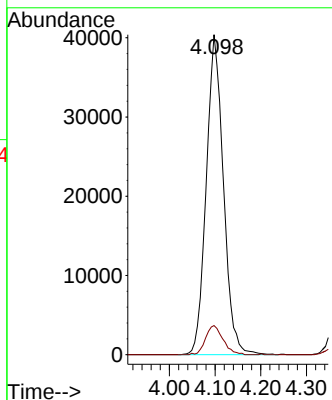
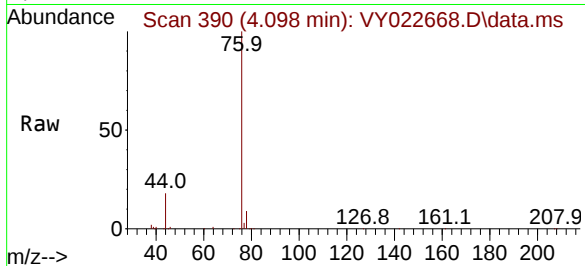




#17
Carbon Disulfide
Concen: 19.001 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.013 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

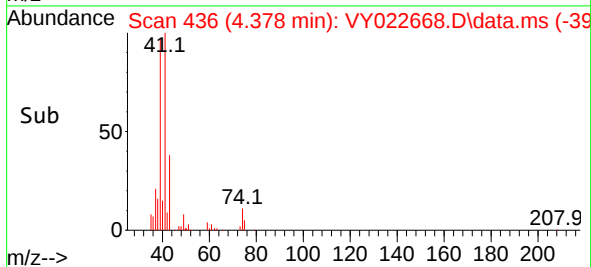
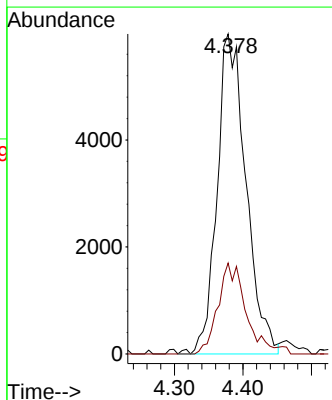
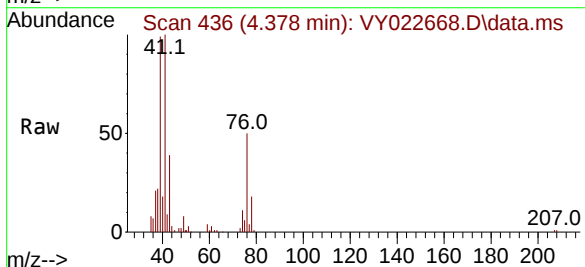
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

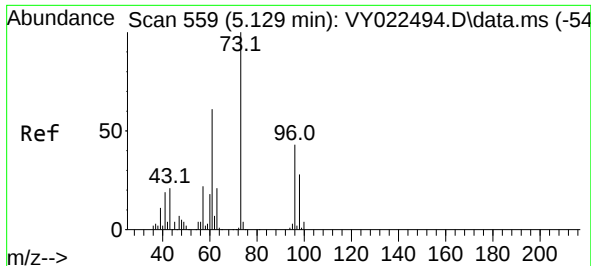
Tgt Ion: 76 Resp: 105499
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 15.741 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.019 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion: 43 Resp: 17509
Ion Ratio Lower Upper
43 100
74 27.0 19.8 29.6

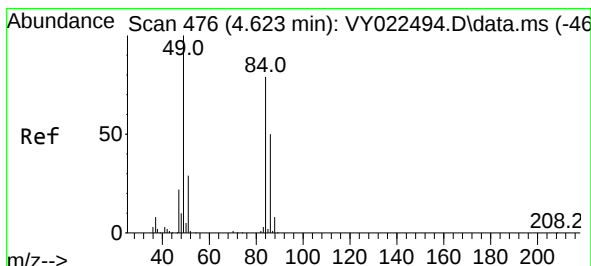
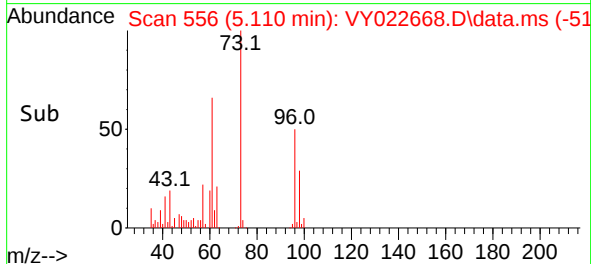
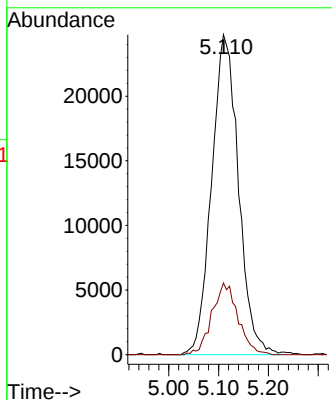
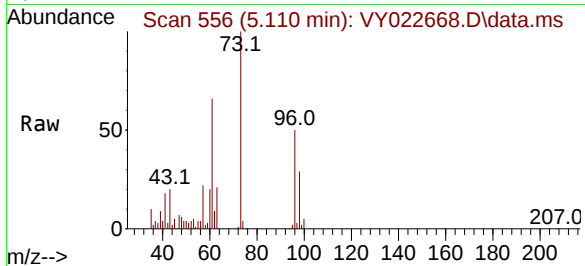




#19
Methyl tert-butyl Ether
Concen: 18.931 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.019 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

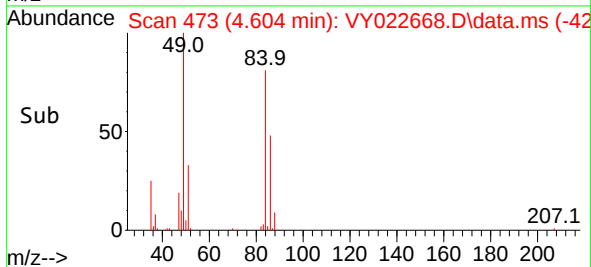
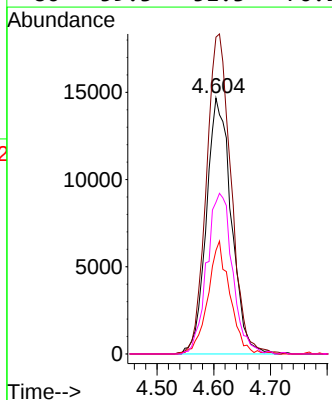
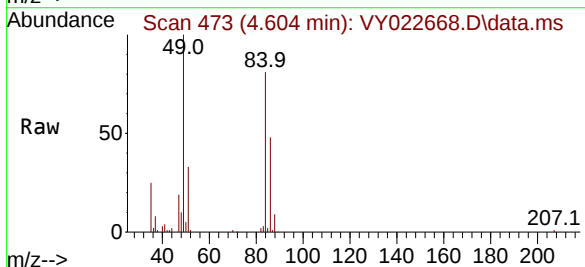
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

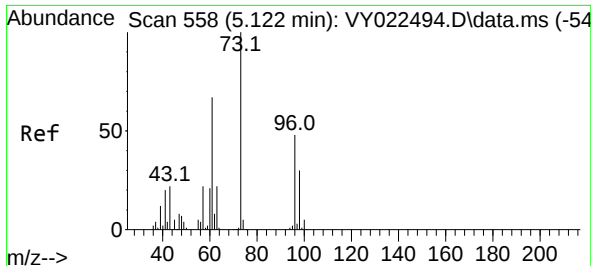
Tgt Ion: 73 Resp: 92468
Ion Ratio Lower Upper
73 100
57 22.4 17.4 26.0



#20
Methylene Chloride
Concen: 21.025 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.019 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion: 84 Resp: 44862
Ion Ratio Lower Upper
84 100
49 123.3 101.9 152.9
51 40.5 29.8 44.8
86 59.3 51.3 76.9

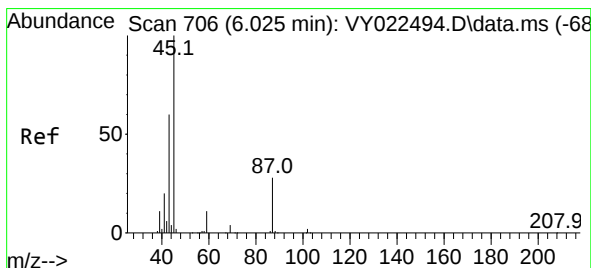
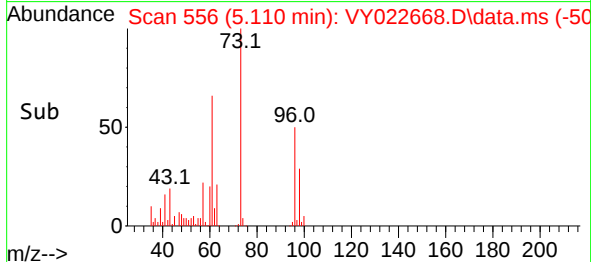
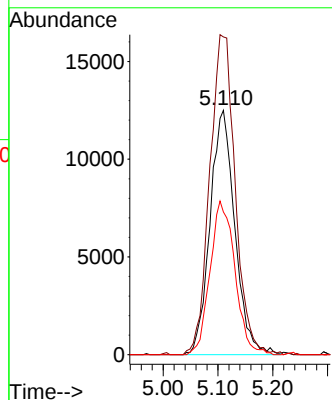
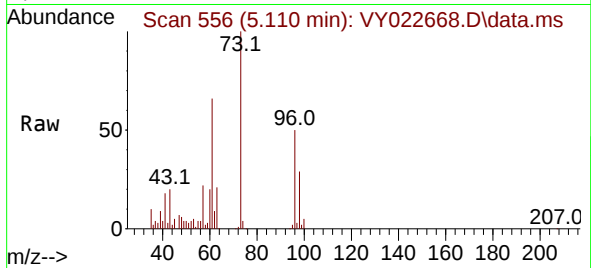




#21
trans-1,2-Dichloroethene
Concen: 20.246 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.013 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

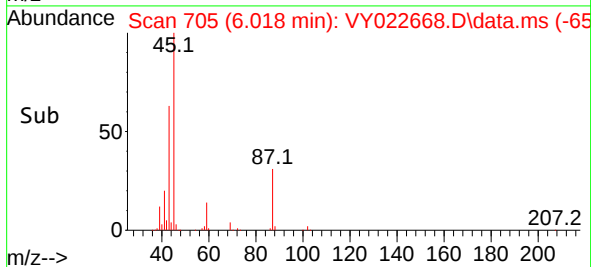
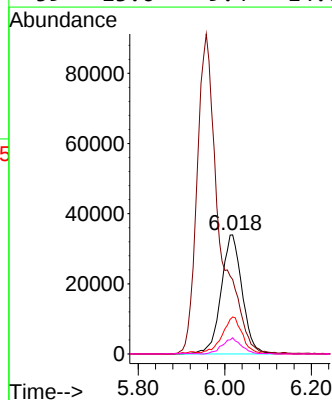
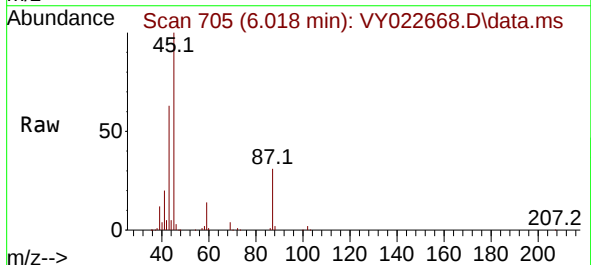
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

Tgt Ion: 96 Resp: 39296
Ion Ratio Lower Upper
96 100
61 130.0 112.6 169.0
98 58.4 50.6 75.8



#22
Diisopropyl ether
Concen: 18.934 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion: 45 Resp: 114741
Ion Ratio Lower Upper
45 100
43 61.7 48.3 72.5
87 31.1 23.0 34.6
59 13.6 9.4 14.0

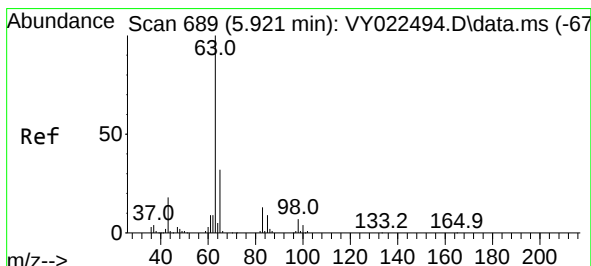
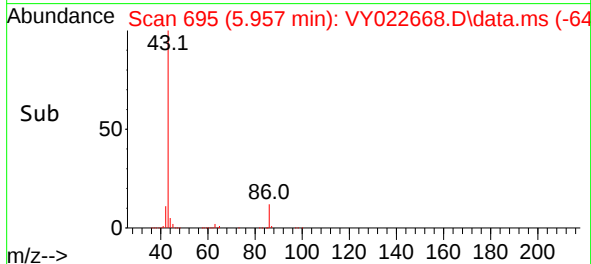
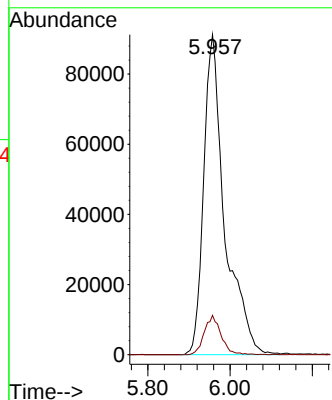
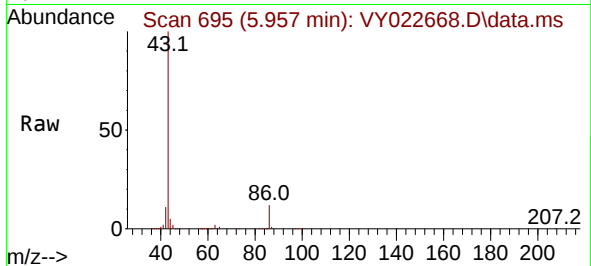




#23
 Vinyl Acetate
 Concen: 90.397 ug/l
 RT: 5.957 min Scan# 64
 Delta R.T. -0.013 min
 Lab File: VY022668.D
 Acq: 12 Jun 2025 12:46

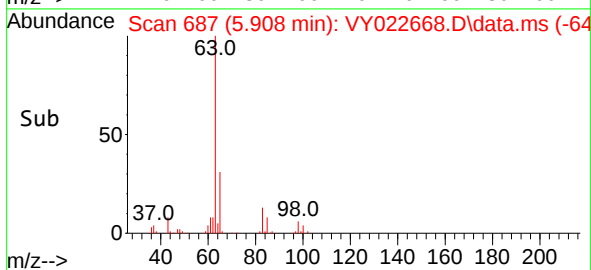
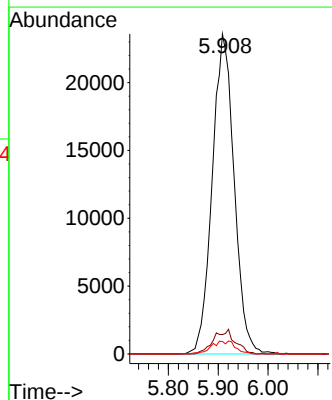
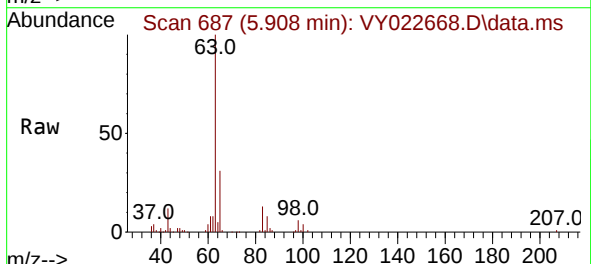
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBS01

Tgt Ion: 43 Resp: 324232
 Ion Ratio Lower Upper
 43 100
 86 12.3 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 20.182 ug/l
 RT: 5.908 min Scan# 687
 Delta R.T. -0.013 min
 Lab File: VY022668.D
 Acq: 12 Jun 2025 12:46

Tgt Ion: 63 Resp: 72050
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.4 10.1
 100 3.9 2.1 6.3

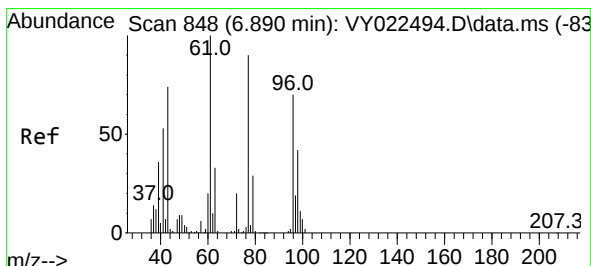
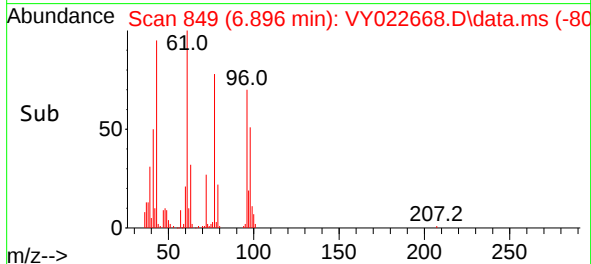
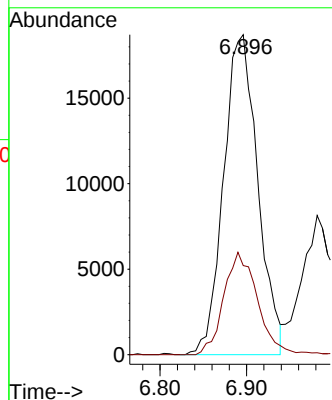
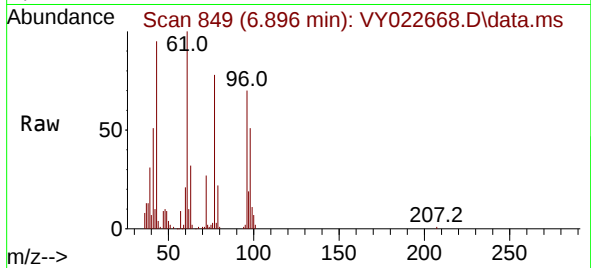




#25
2-Butanone
Concen: 94.667 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

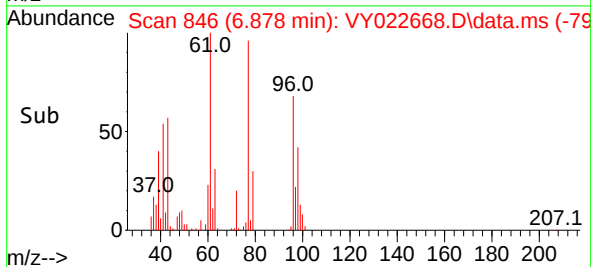
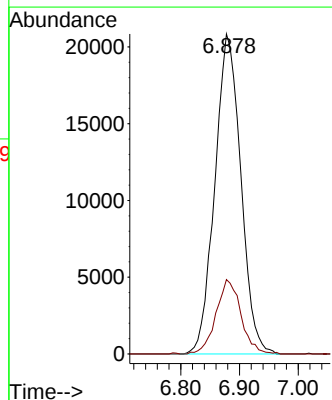
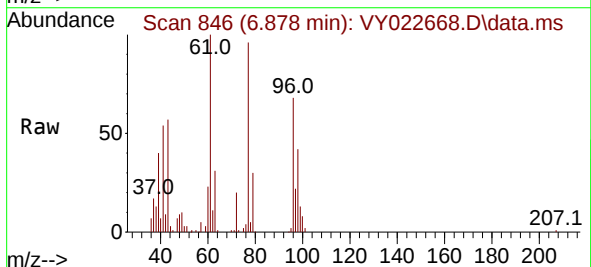
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

Tgt Ion: 43 Resp: 51293
Ion Ratio Lower Upper
43 100
72 27.9 22.9 34.3



#26
2,2-Dichloropropane
Concen: 20.287 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.013 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion: 77 Resp: 63993
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 20.220 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.007 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

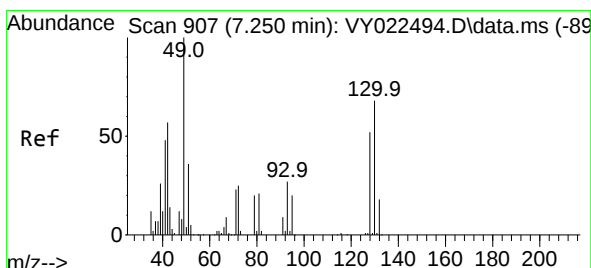
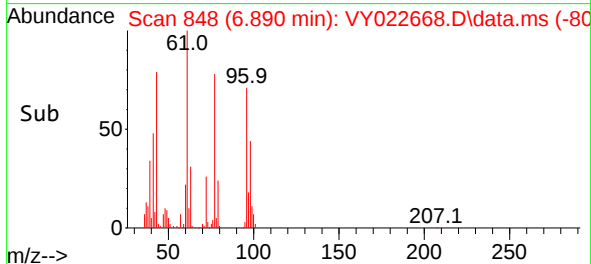
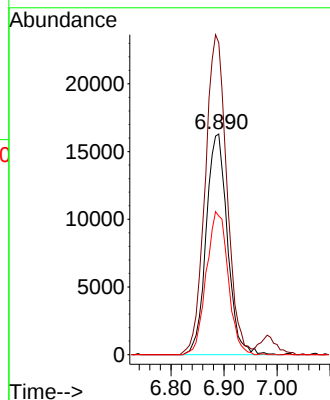
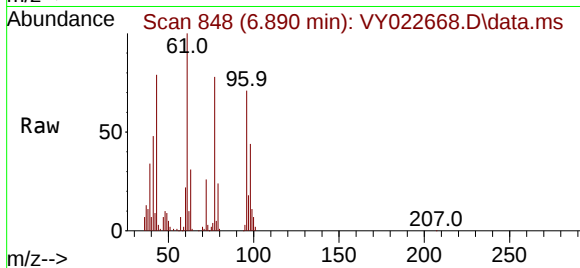
Tgt Ion: 96 Resp: 45363

Ion Ratio Lower Upper

96 100

61 148.1 0.0 290.0

98 66.6 0.0 128.4



#28

Bromochloromethane

Concen: 19.003 ug/l

RT: 7.237 min Scan# 905

Delta R.T. -0.013 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

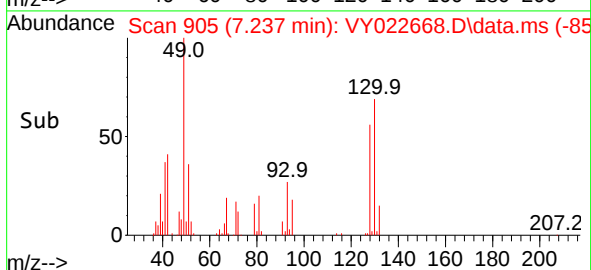
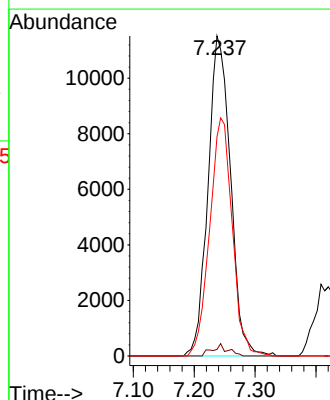
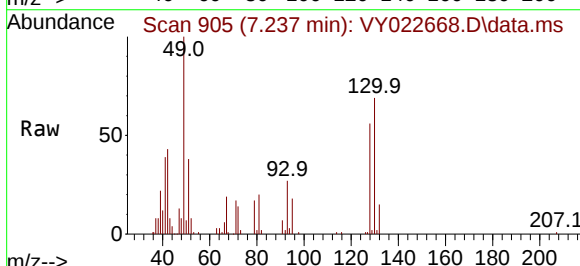
Tgt Ion: 49 Resp: 29572

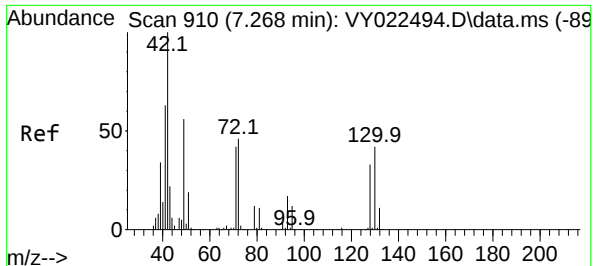
Ion Ratio Lower Upper

49 100

129 2.6 0.0 3.6

130 74.3 55.7 83.5





#29

Tetrahydrofuran

Concen: 85.586 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

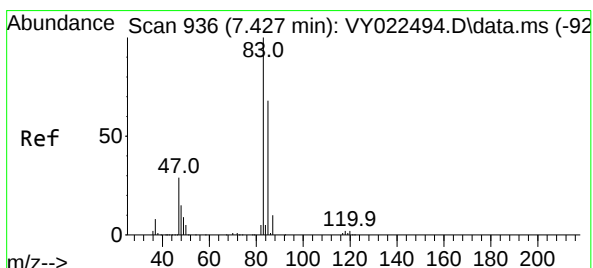
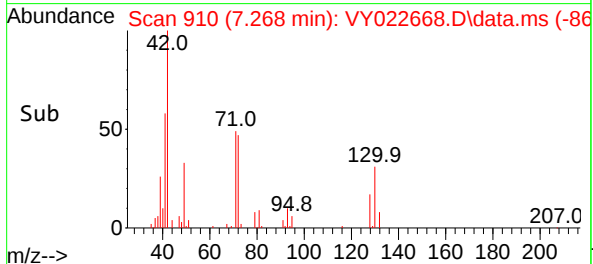
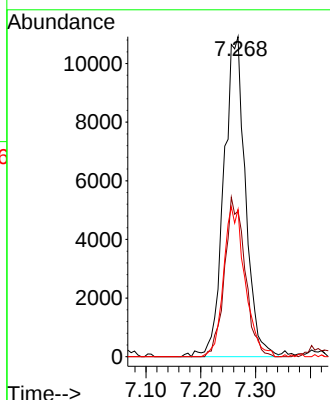
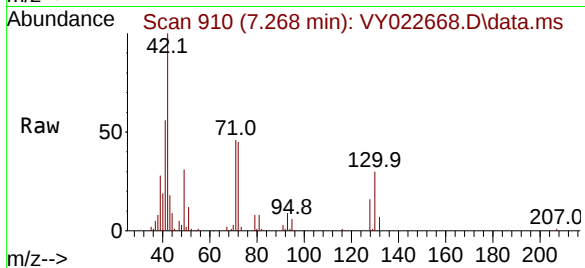
Tgt Ion: 42 Resp: 29909

Ion Ratio Lower Upper

42 100

72 47.2 37.4 56.2

71 46.7 34.2 51.2



#30

Chloroform

Concen: 20.290 ug/l

RT: 7.414 min Scan# 934

Delta R.T. -0.013 min

Lab File: VY022668.D

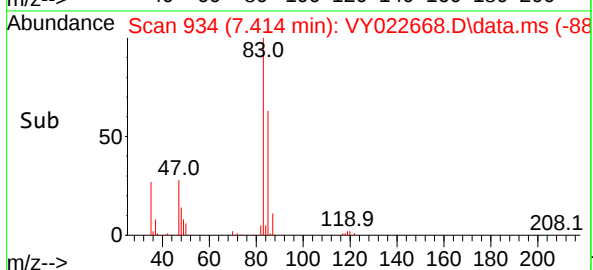
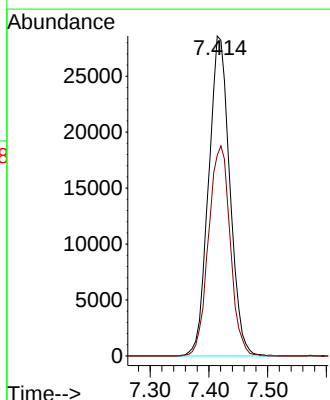
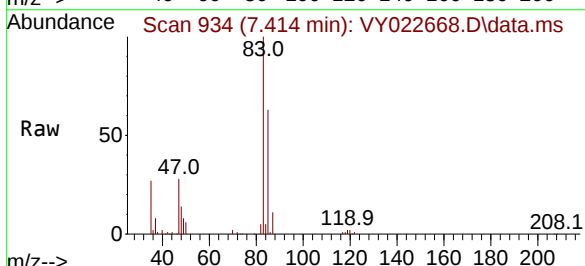
Acq: 12 Jun 2025 12:46

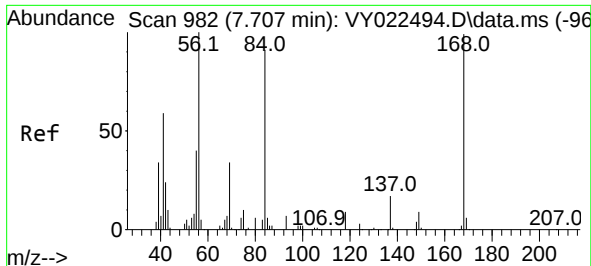
Tgt Ion: 83 Resp: 71748

Ion Ratio Lower Upper

83 100

85 62.8 54.2 81.4

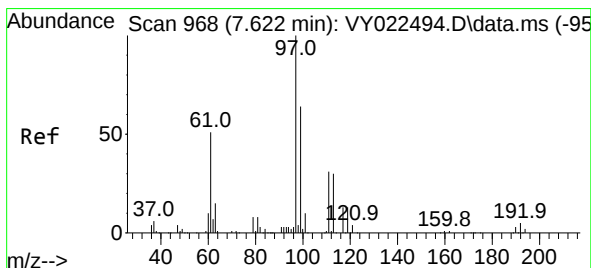
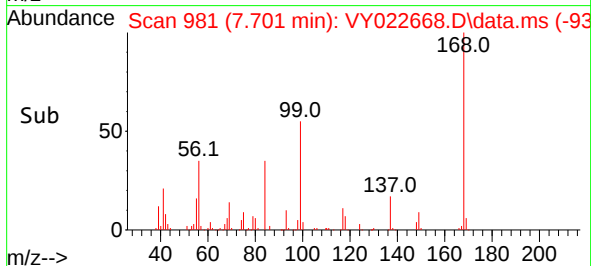
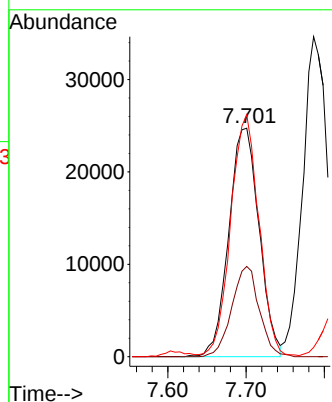
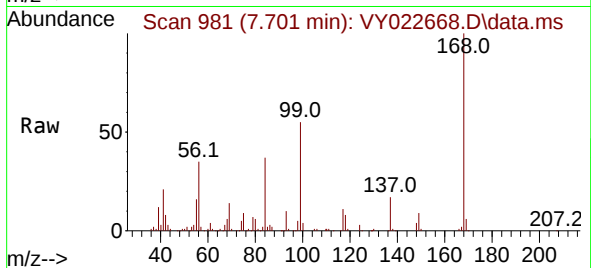




#31
Cyclohexane
Concen: 18.715 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

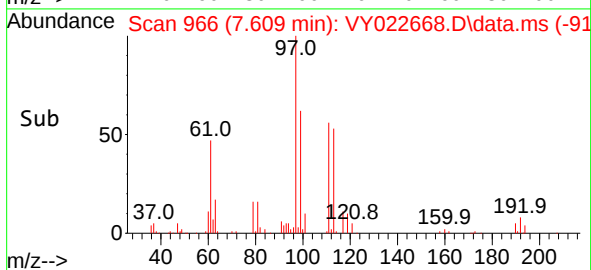
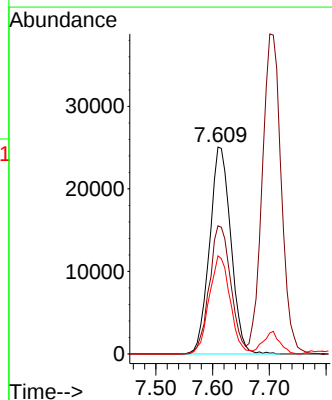
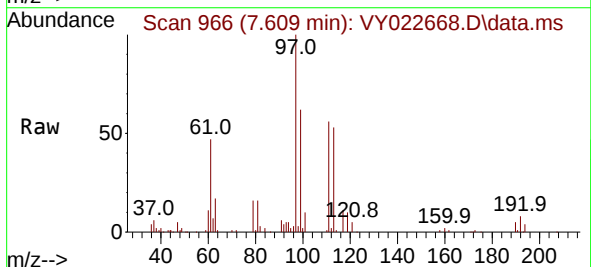
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

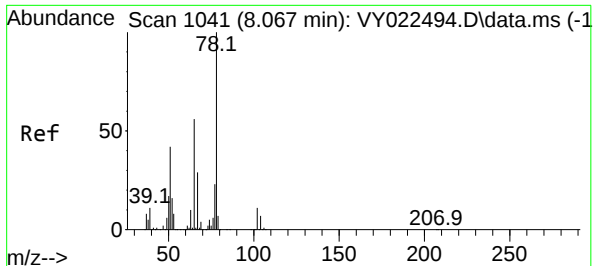
Tgt Ion: 56 Resp: 66516
Ion Ratio Lower Upper
56 100
69 39.5 27.0 40.6
84 103.7 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 20.800 ug/l
RT: 7.609 min Scan# 966
Delta R.T. -0.013 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion: 97 Resp: 65291
Ion Ratio Lower Upper
97 100
99 62.3 50.9 76.3
61 46.9 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 47.300 ug/l

RT: 8.060 min Scan# 110

Delta R.T. -0.007 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

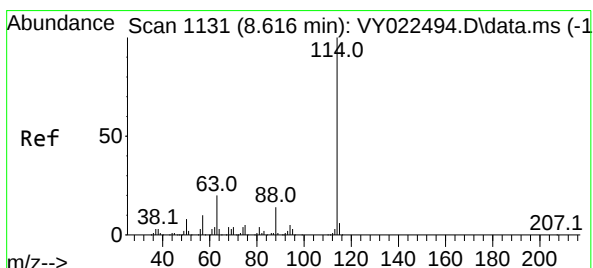
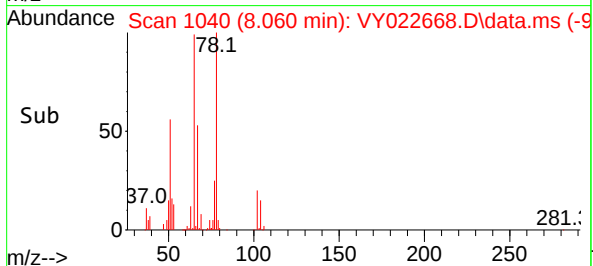
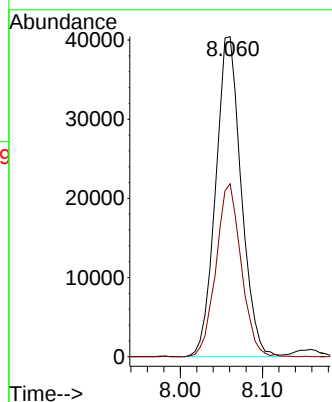
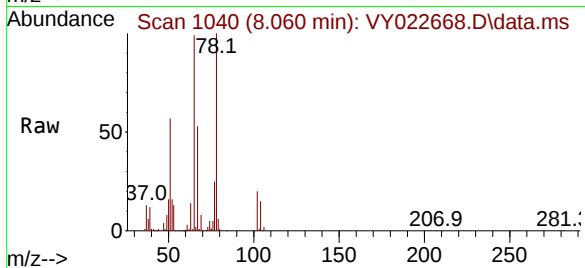
VY0612SBS01

Tgt Ion: 65 Resp: 87487

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.007 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

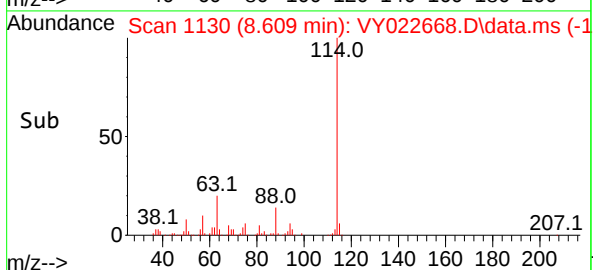
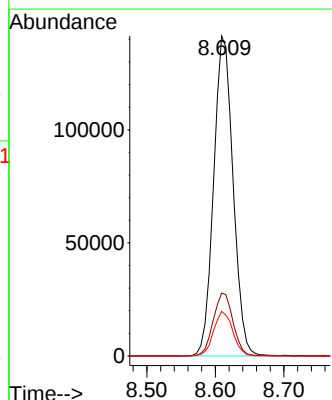
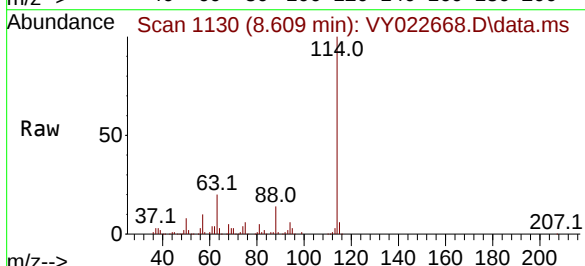
Tgt Ion: 114 Resp: 278756

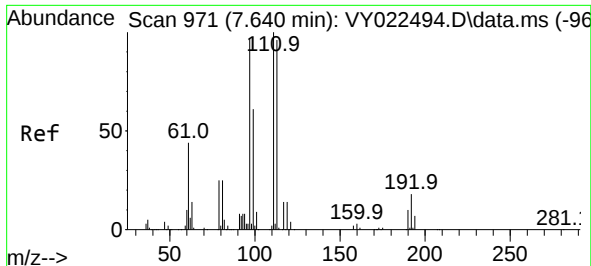
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 13.9 0.0 27.8

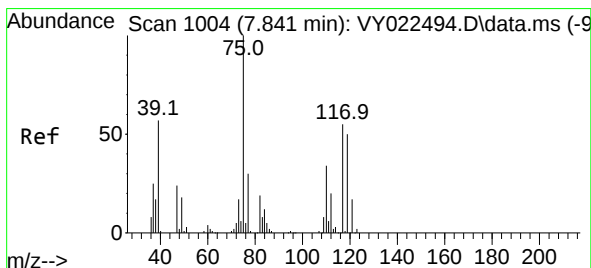
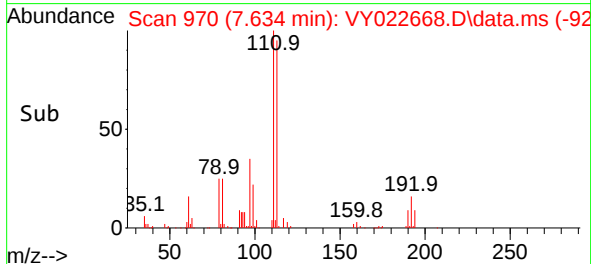
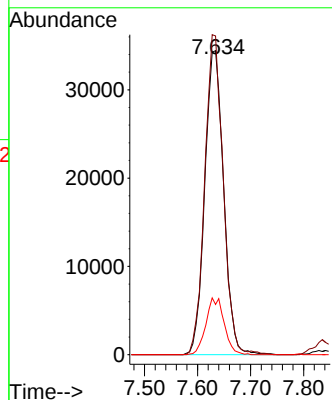
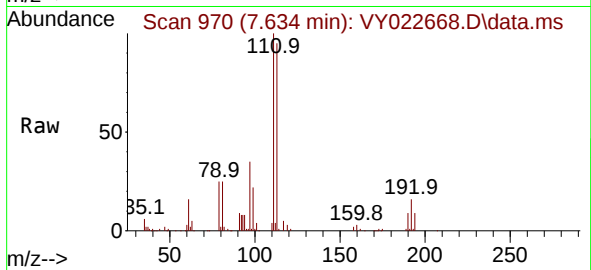




#35
Dibromofluoromethane
Concen: 51.218 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

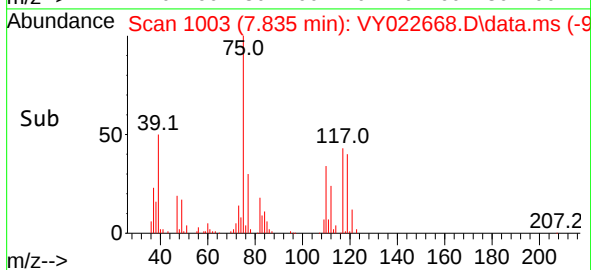
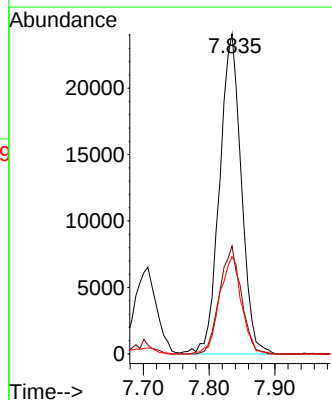
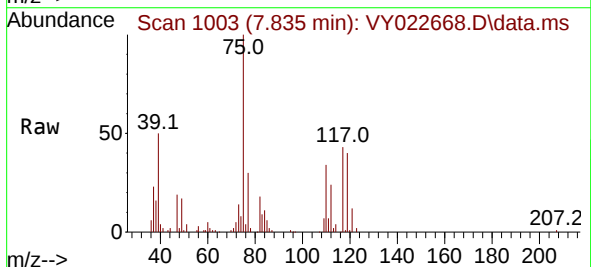
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

Tgt Ion:113 Resp: 85218
Ion Ratio Lower Upper
113 100
111 103.0 81.1 121.7
192 18.1 14.2 21.2



#36
1,1-Dichloropropene
Concen: 20.487 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion: 75 Resp: 55323
Ion Ratio Lower Upper
75 100
110 33.4 16.9 50.7
77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 18.110 ug/l

RT: 6.981 min Scan# 81

Delta R.T. -0.013 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

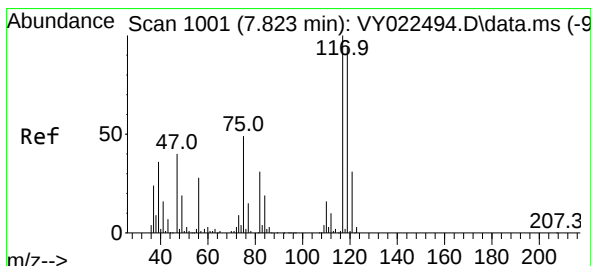
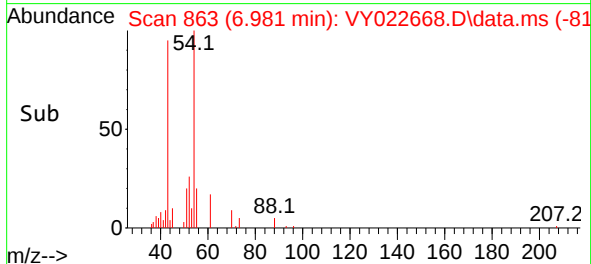
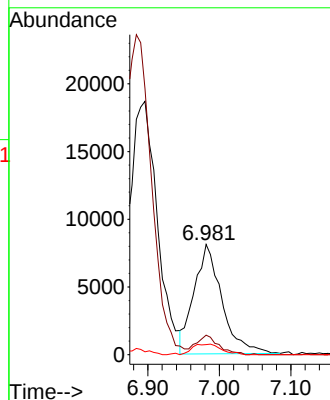
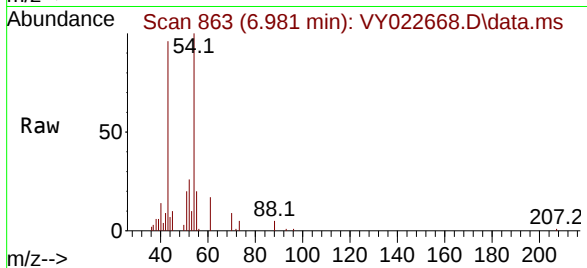
Tgt Ion: 43 Resp: 21809

Ion Ratio Lower Upper

43 100

61 14.1 11.5 17.3

70 10.2 7.2 10.8



#38

Carbon Tetrachloride

Concen: 20.393 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.007 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

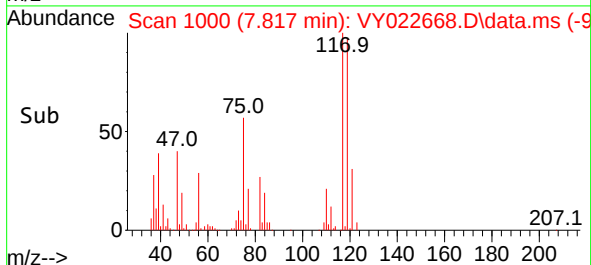
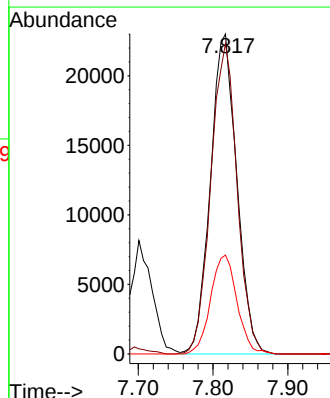
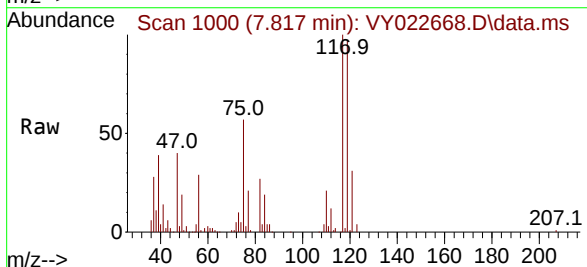
Tgt Ion: 117 Resp: 56492

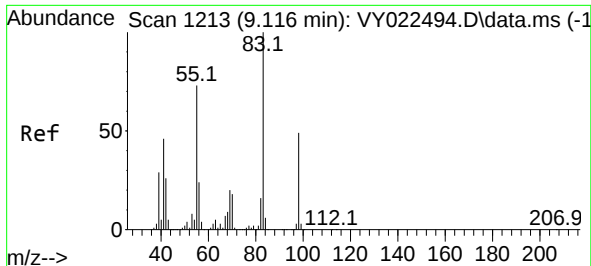
Ion Ratio Lower Upper

117 100

119 97.0 75.0 112.6

121 30.9 25.0 37.4





#39

Methylcyclohexane

Concen: 19.639 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.013 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

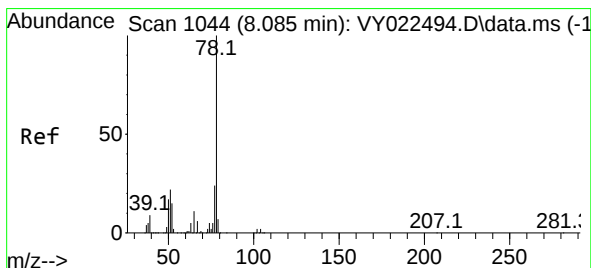
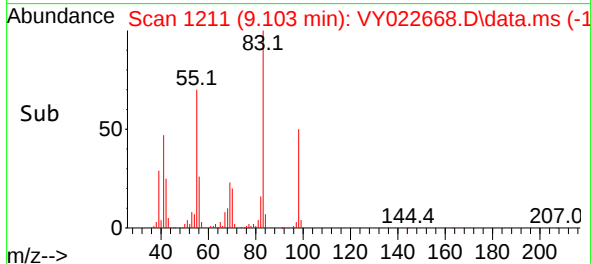
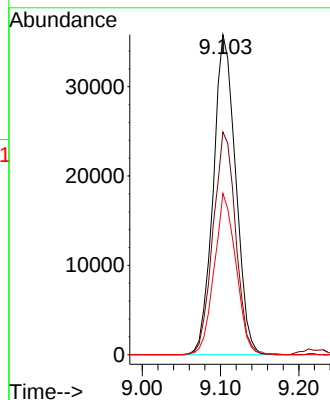
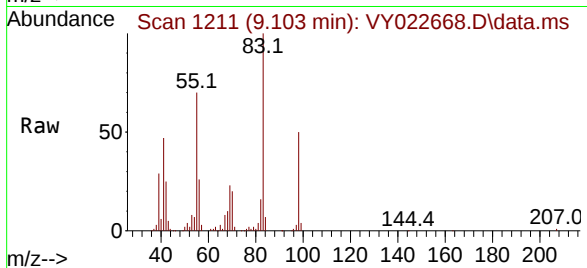
Tgt Ion: 83 Resp: 71268

Ion Ratio Lower Upper

83 100

55 69.6 58.1 87.1

98 50.4 39.0 58.6



#40

Benzene

Concen: 20.617 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.007 min

Lab File: VY022668.D

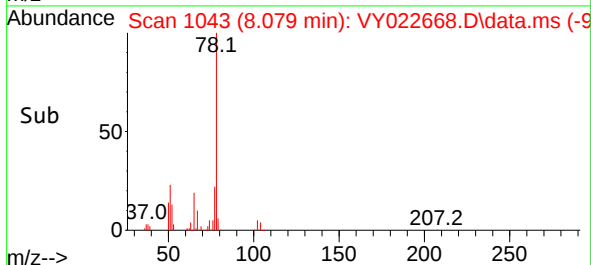
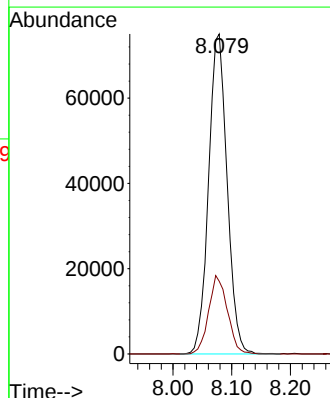
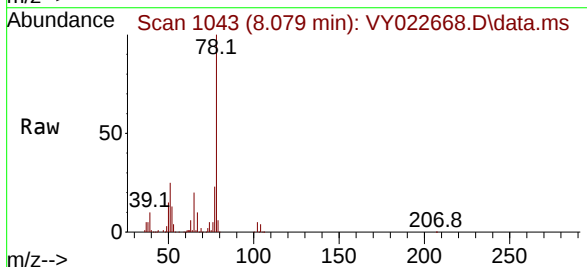
Acq: 12 Jun 2025 12:46

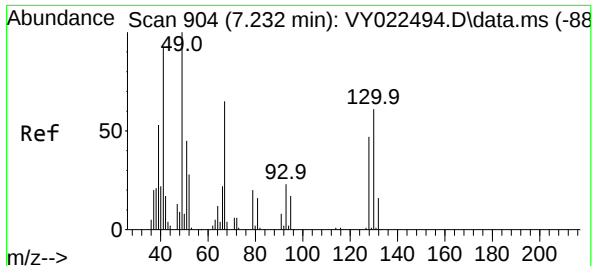
Tgt Ion: 78 Resp: 164443

Ion Ratio Lower Upper

78 100

77 22.7 19.3 28.9

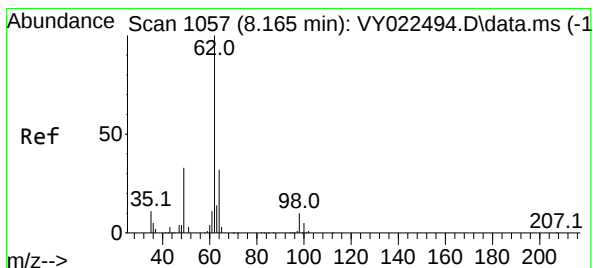
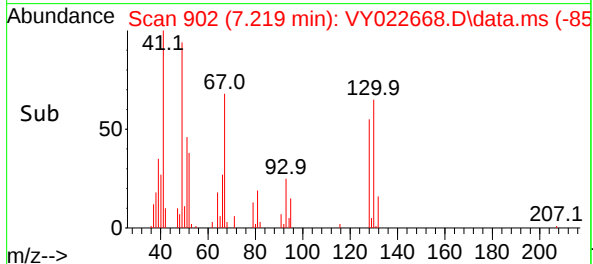
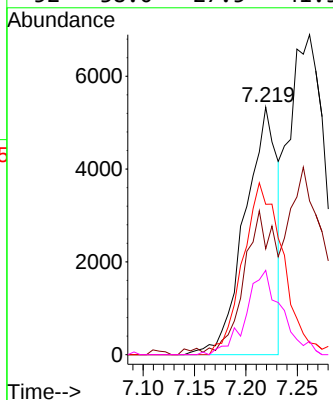
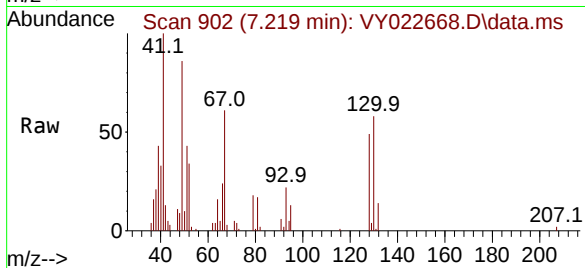




#41
Methacrylonitrile
Concen: 16.478 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.013 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

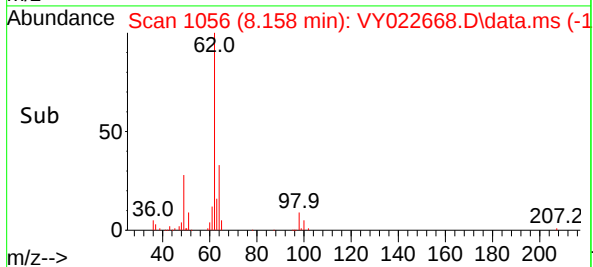
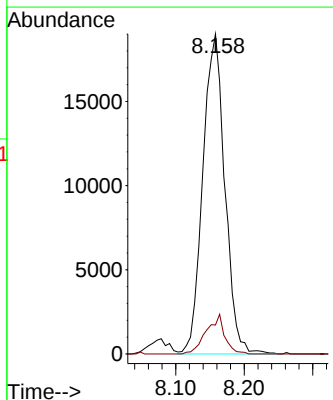
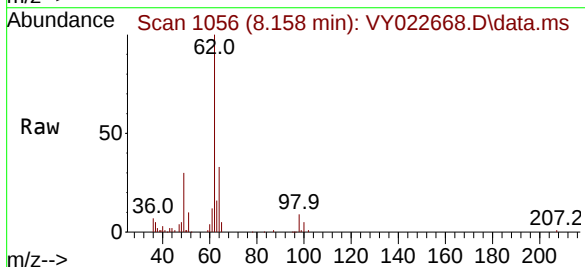
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

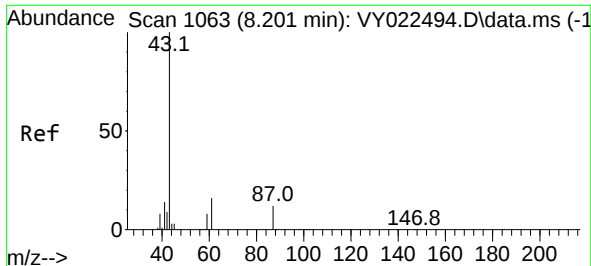
Tgt Ion:	41	Resp:	11591
Ion	Ratio	Lower	Upper
41	100		
39	56.3	46.6	69.8
67	87.3	63.3	94.9
52	38.0	27.5	41.3



#42
1,2-Dichloroethane
Concen: 19.536 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion:	62	Resp:	42544
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.2

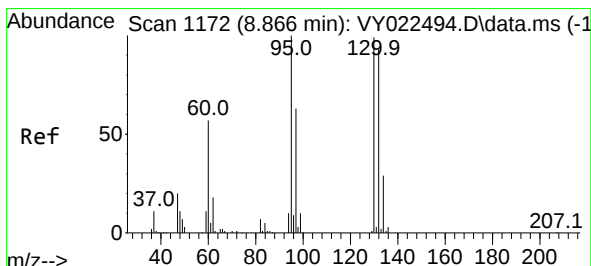
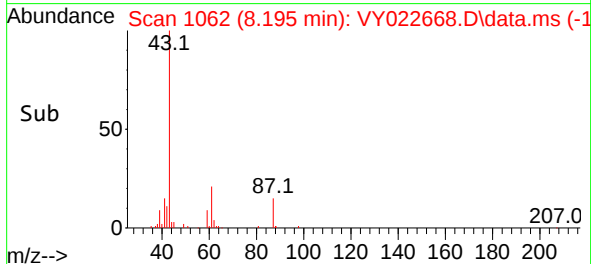
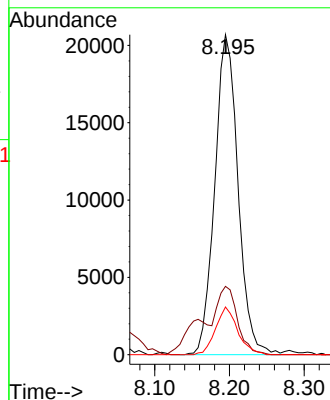
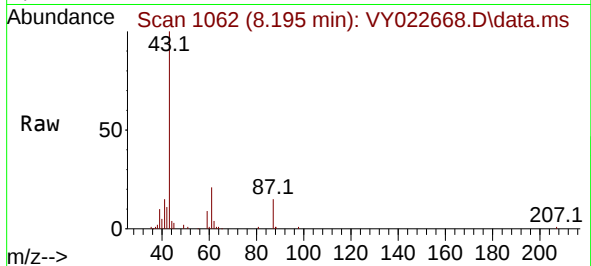




#43
Isopropyl Acetate
Concen: 17.216 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

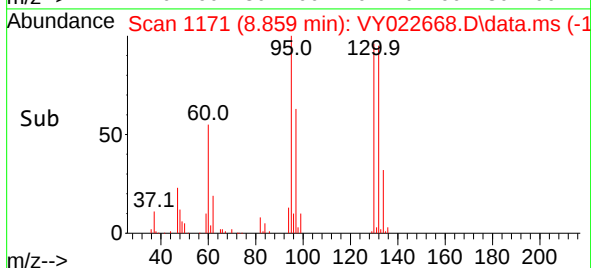
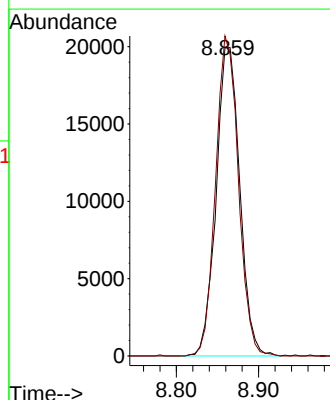
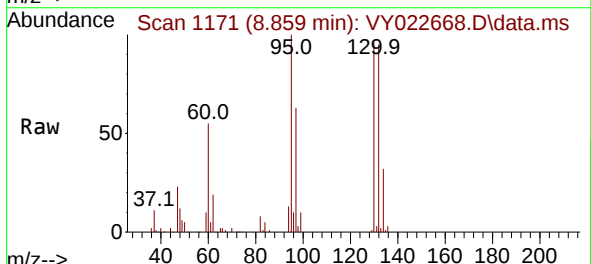
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

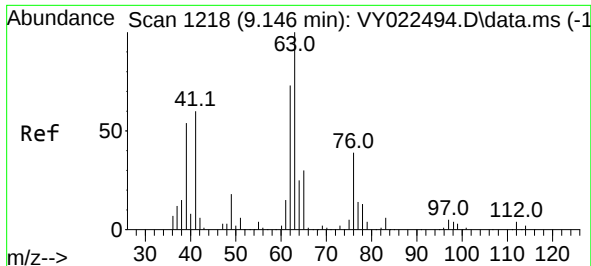
Tgt Ion: 43 Resp: 44775
Ion Ratio Lower Upper
43 100
61 18.6 15.6 23.4
87 14.2 10.2 15.4



#44
Trichloroethene
Concen: 20.505 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion:130 Resp: 39971
Ion Ratio Lower Upper
130 100
95 103.8 0.0 203.0





#45

1,2-Dichloropropane

Concen: 20.240 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.007 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

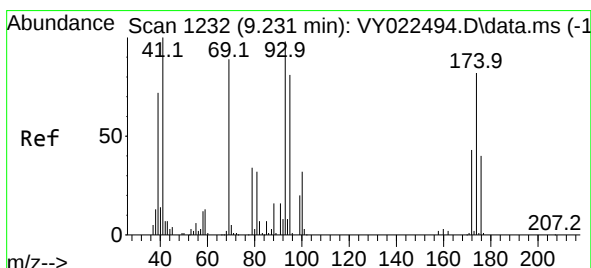
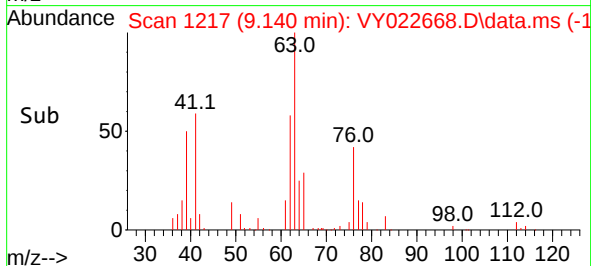
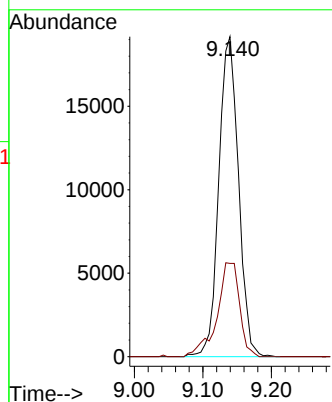
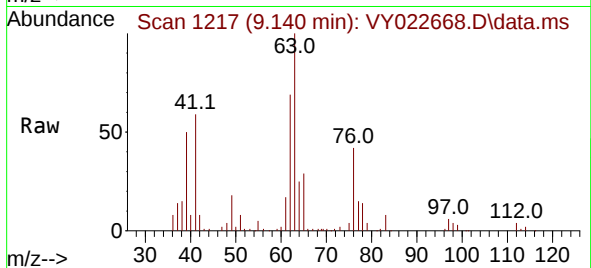
VY0612SBS01

Tgt Ion: 63 Resp: 38152

Ion Ratio Lower Upper

63 100

65 29.2 24.0 36.0



#46

Dibromomethane

Concen: 19.416 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

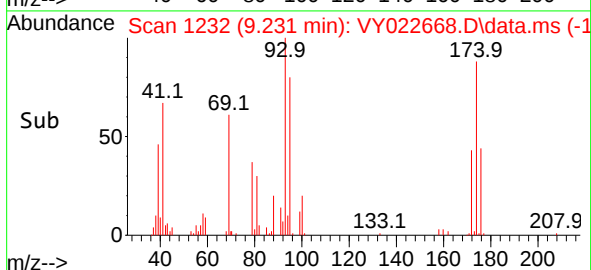
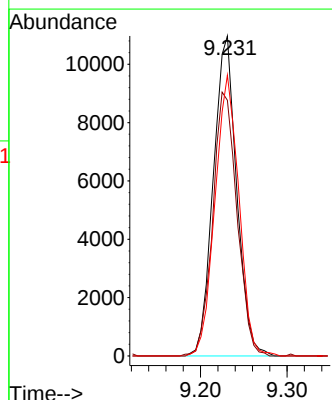
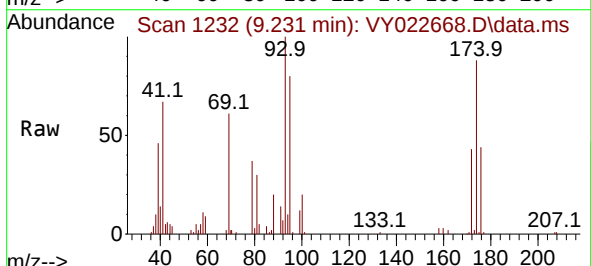
Tgt Ion: 93 Resp: 20590

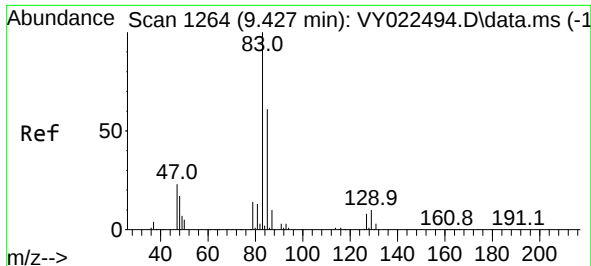
Ion Ratio Lower Upper

93 100

95 85.4 65.6 98.4

174 89.6 70.4 105.6

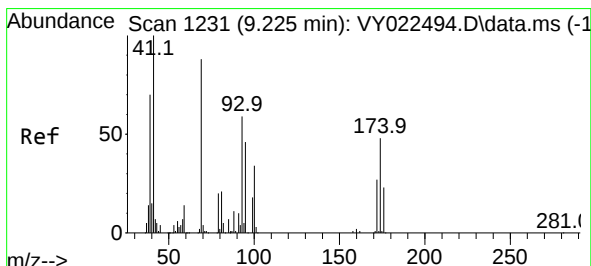
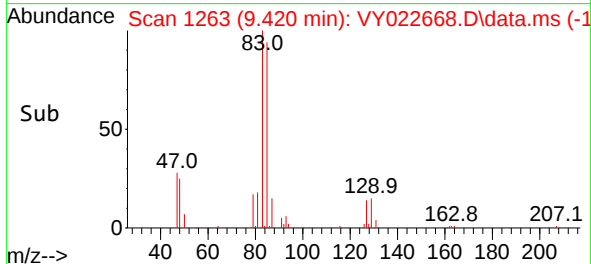
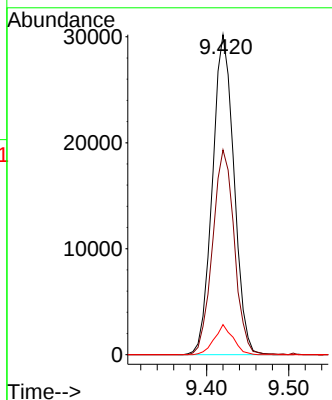
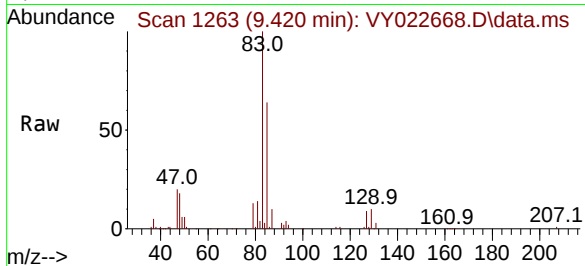




#47
Bromodichloromethane
Concen: 20.462 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

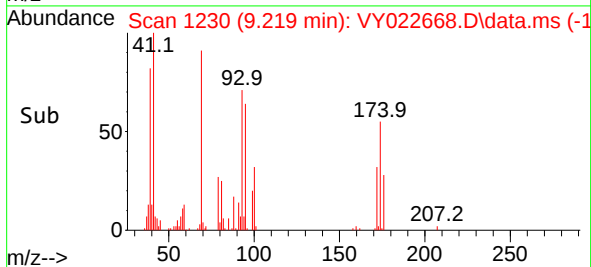
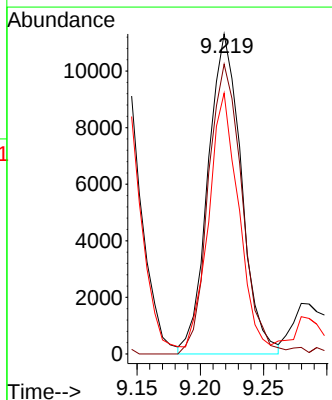
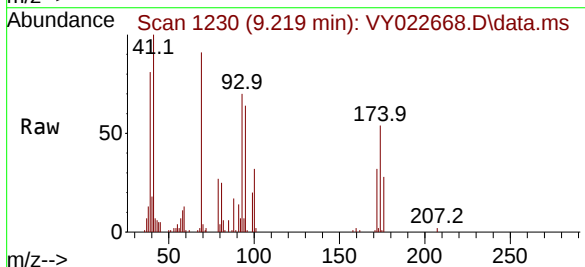
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

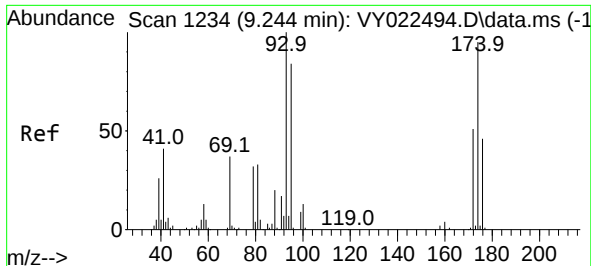
Tgt Ion: 83 Resp: 55021
Ion Ratio Lower Upper
83 100
85 64.0 49.1 73.7
127 9.4 6.2 9.4#



#48
Methyl methacrylate
Concen: 17.026 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion: 41 Resp: 20783
Ion Ratio Lower Upper
41 100
69 90.9 67.8 101.8
39 69.7 55.0 82.4





#49

1,4-Dioxane

Concen: 428.788 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.019 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

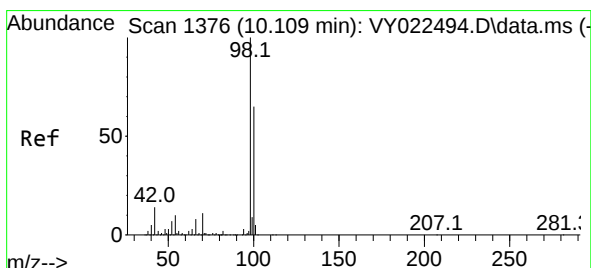
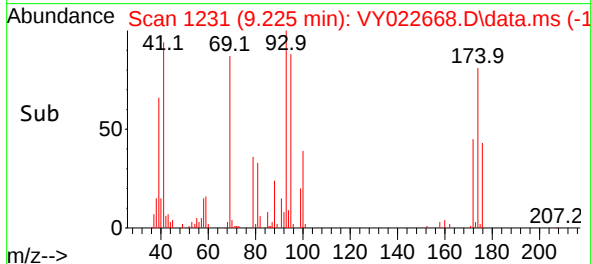
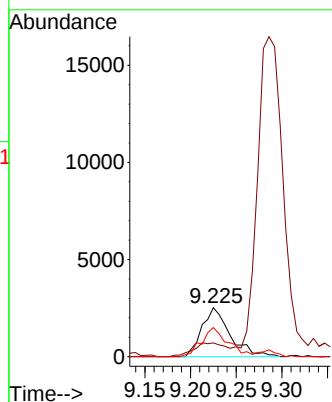
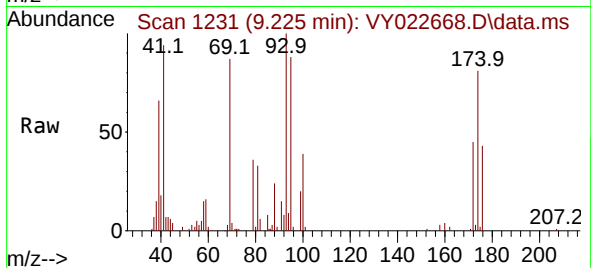
Tgt Ion: 88 Resp: 5387

Ion Ratio Lower Upper

88 100

43 32.4 25.4 38.2

58 55.9 54.9 82.3



#50

Toluene-d8

Concen: 50.687 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.007 min

Lab File: VY022668.D

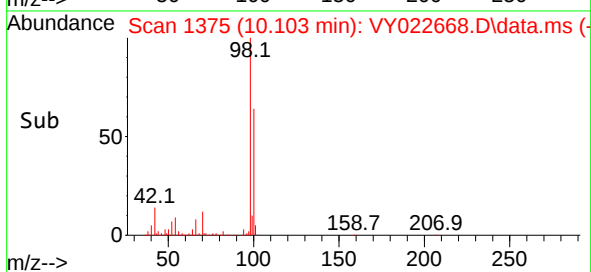
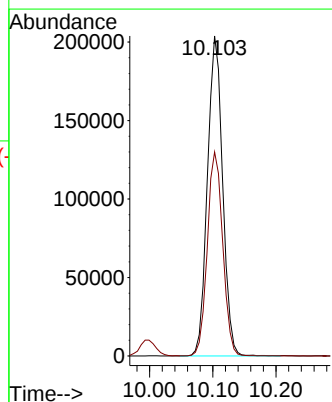
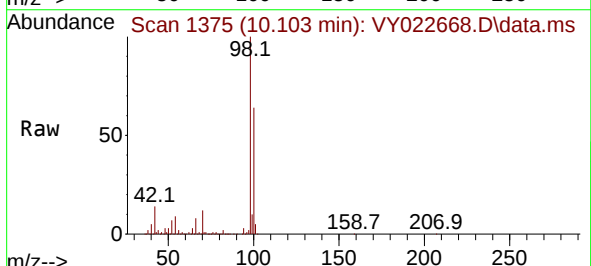
Acq: 12 Jun 2025 12:46

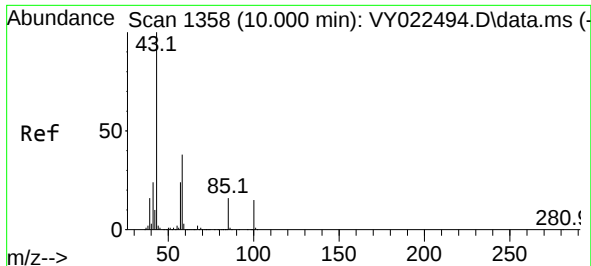
Tgt Ion: 98 Resp: 340765

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0

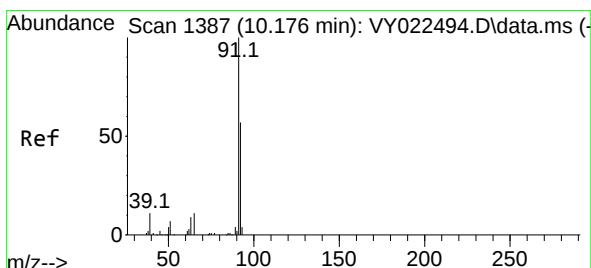
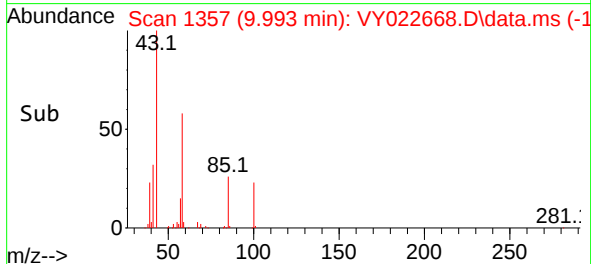
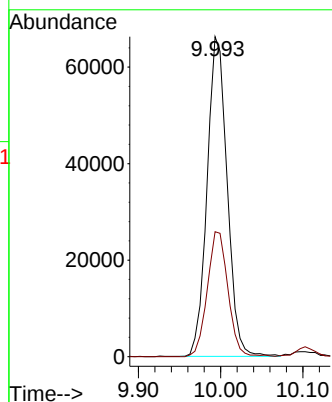
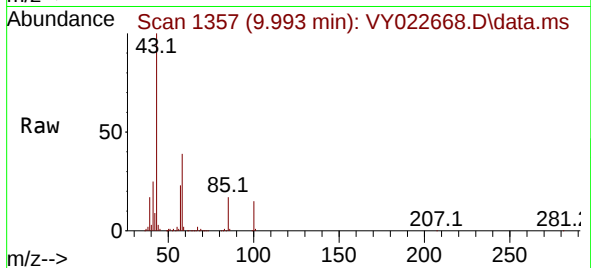




#51
4-Methyl-2-Pentanone
Concen: 86.728 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

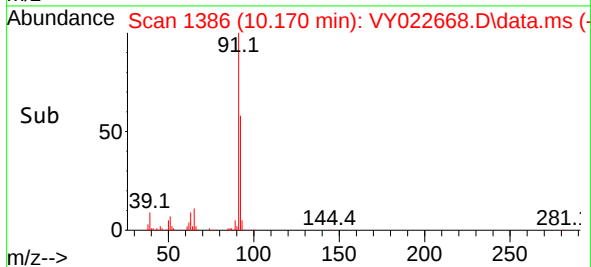
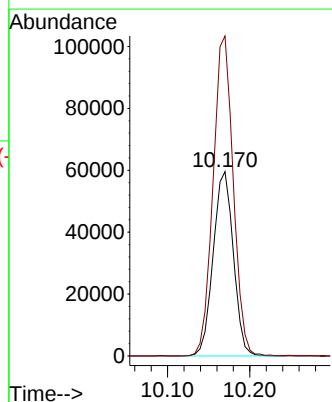
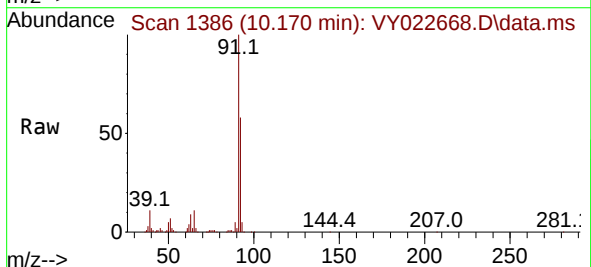
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

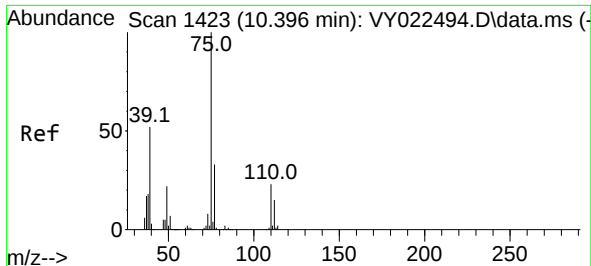
Tgt Ion: 43 Resp: 112460
Ion Ratio Lower Upper
43 100
58 40.3 30.4 45.6



#52
Toluene
Concen: 20.236 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion: 92 Resp: 101428
Ion Ratio Lower Upper
92 100
91 173.8 139.0 208.4

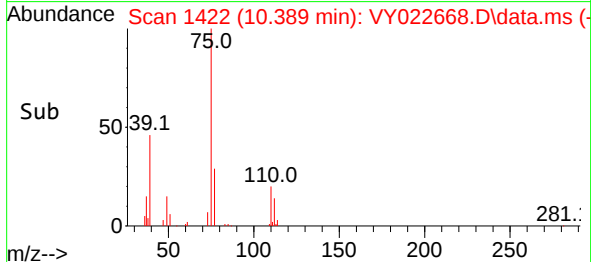
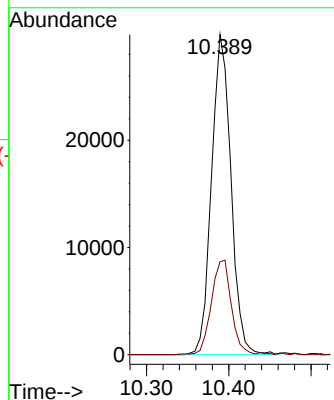
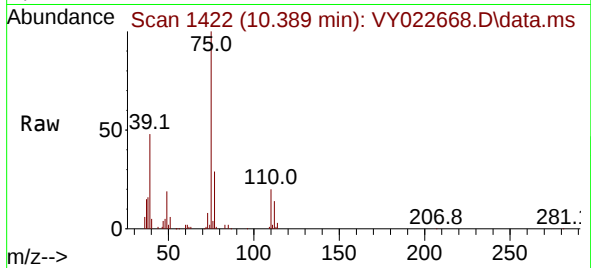




#53
 t-1,3-Dichloropropene
 Concen: 19.475 ug/l
 RT: 10.389 min Scan# 1422
 Delta R.T. -0.007 min
 Lab File: VY022668.D
 Acq: 12 Jun 2025 12:46

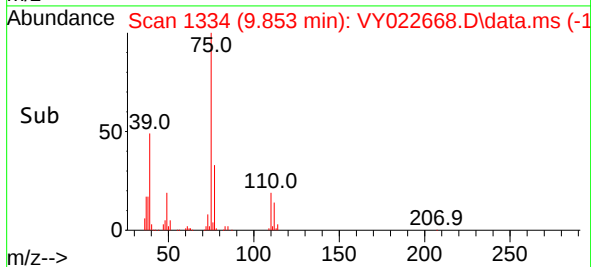
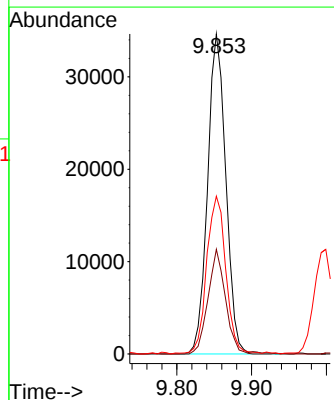
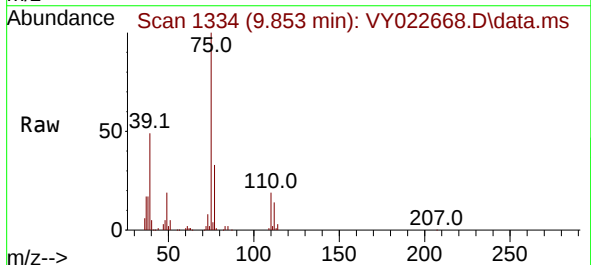
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBS01

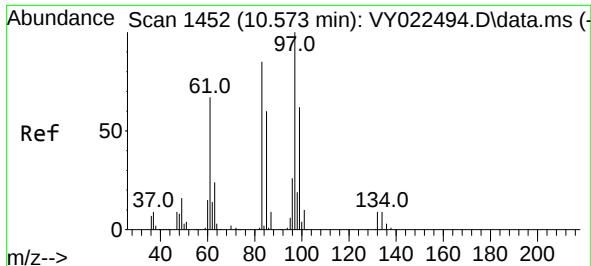
Tgt Ion: 75 Resp: 49066
 Ion Ratio Lower Upper
 75 100
 77 28.8 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.022 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.007 min
 Lab File: VY022668.D
 Acq: 12 Jun 2025 12:46

Tgt Ion: 75 Resp: 58721
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.3 37.9
 39 49.3 42.7 64.1

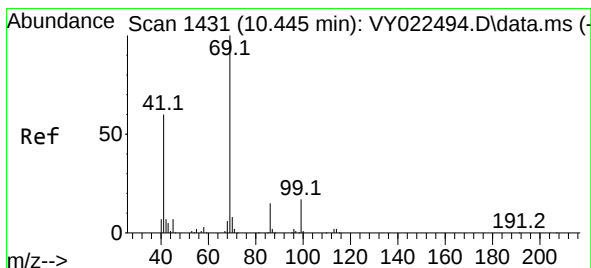
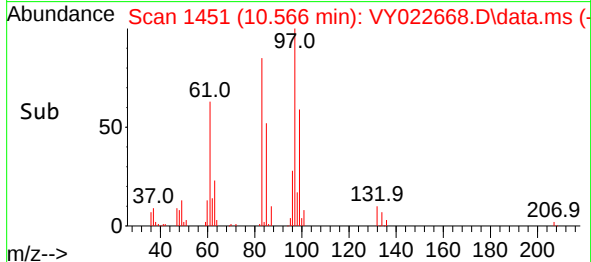
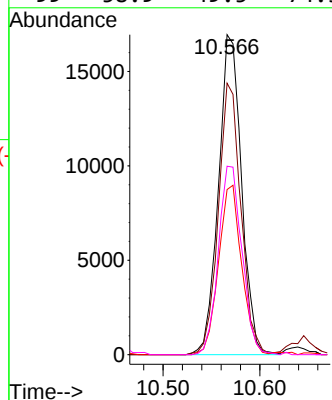
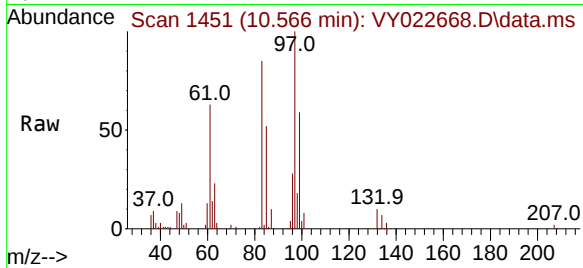




#55
1,1,2-Trichloroethane
Concen: 20.723 ug/l
RT: 10.566 min Scan# 1452
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

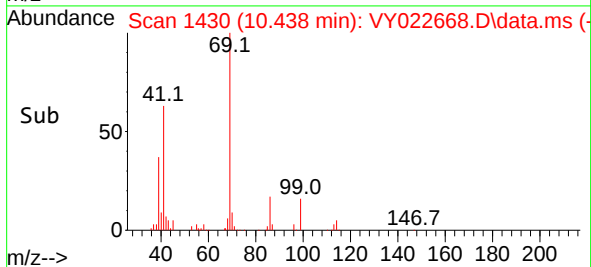
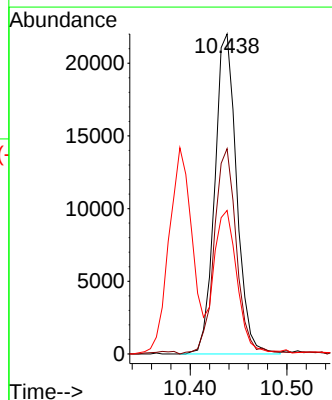
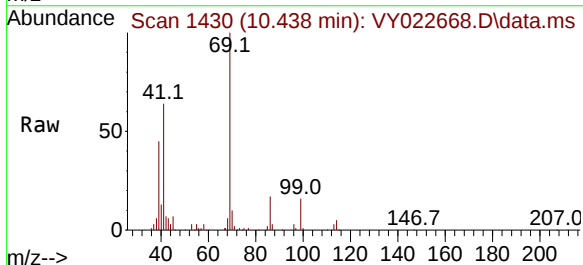
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

Tgt Ion:	97	Resp:	28022
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.1	102.1
85	51.6	48.2	72.2
99	58.9	49.5	74.3



#56
Ethyl methacrylate
Concen: 17.709 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion:	69	Resp:	34610
Ion	Ratio	Lower	Upper
69	100		
41	65.5	52.2	78.2
39	45.9	36.7	55.1





#57

1,3-Dichloropropane

Concen: 19.365 ug/l

RT: 10.712 min Scan# 1476

Delta R.T. -0.007 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

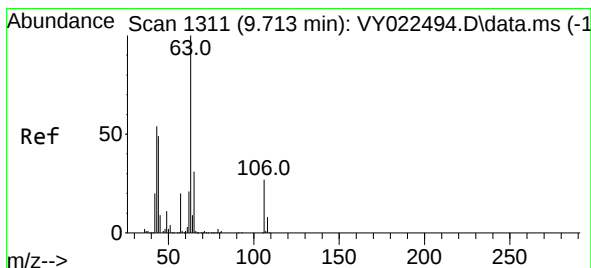
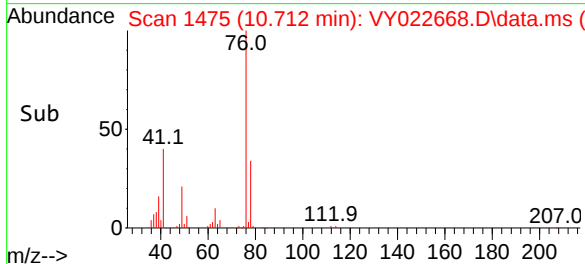
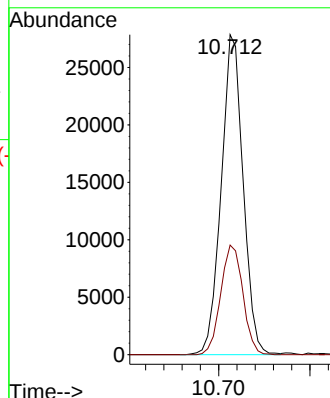
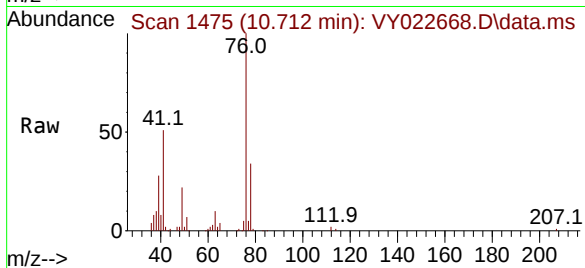
VY0612SBS01

Tgt Ion: 76 Resp: 46411

Ion Ratio Lower Upper

76 100

78 34.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 94.797 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.007 min

Lab File: VY022668.D

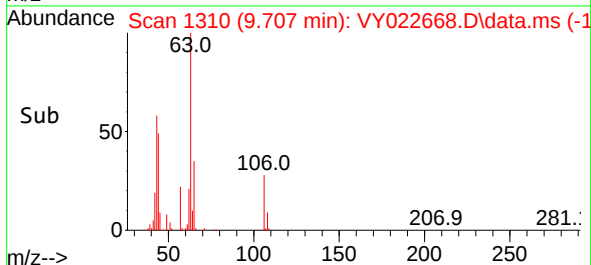
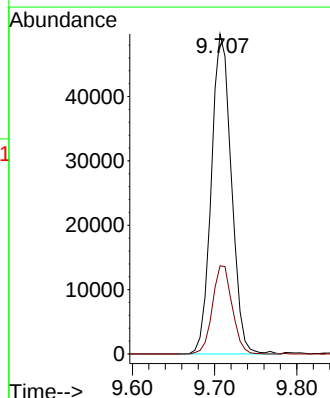
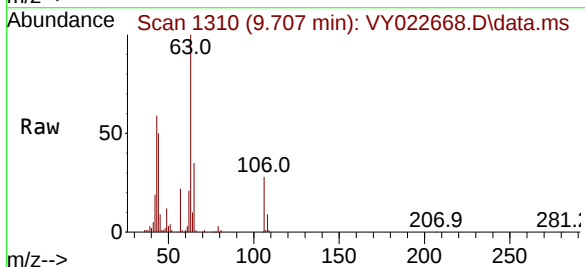
Acq: 12 Jun 2025 12:46

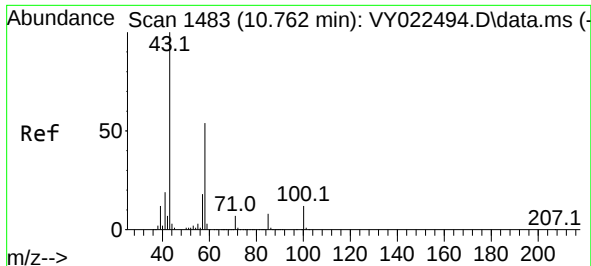
Tgt Ion: 63 Resp: 84117

Ion Ratio Lower Upper

63 100

106 27.1 21.6 32.4





#59

2-Hexanone

Concen: 87.100 ug/l

RT: 10.755 min Scan# 14

Delta R.T. -0.007 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

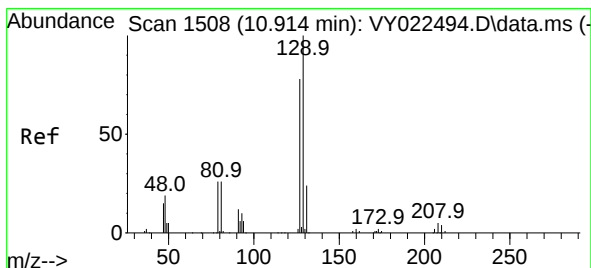
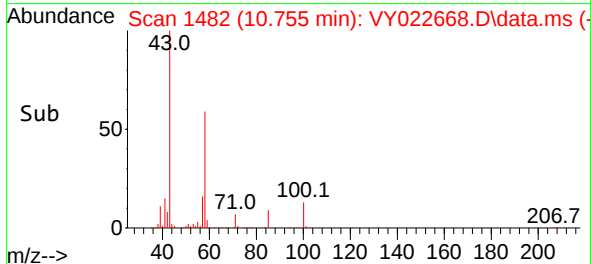
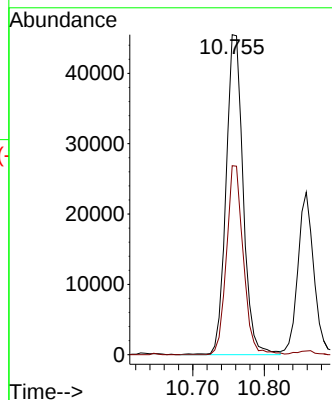
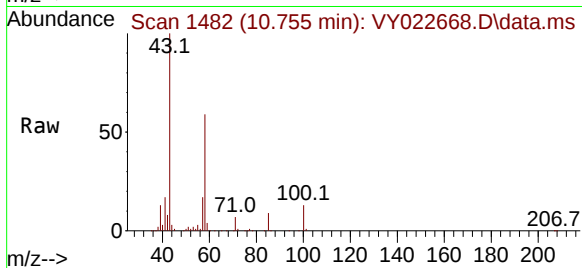
VY0612SBS01

Tgt Ion: 43 Resp: 75535

Ion Ratio Lower Upper

43 100

58 58.0 27.3 81.8



#60

Dibromochloromethane

Concen: 19.825 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.007 min

Lab File: VY022668.D

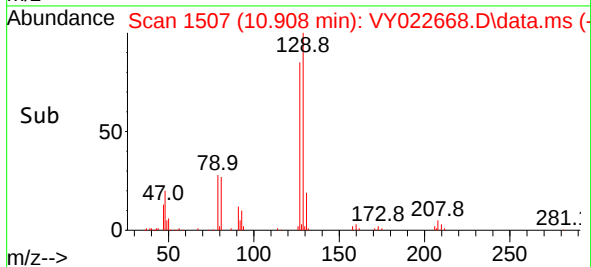
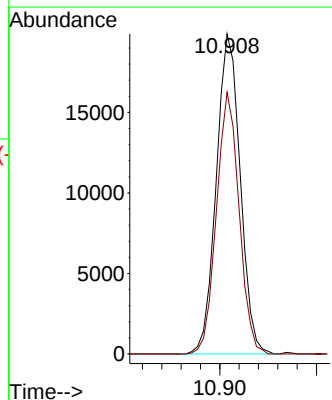
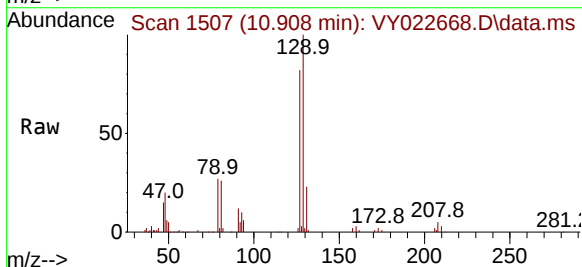
Acq: 12 Jun 2025 12:46

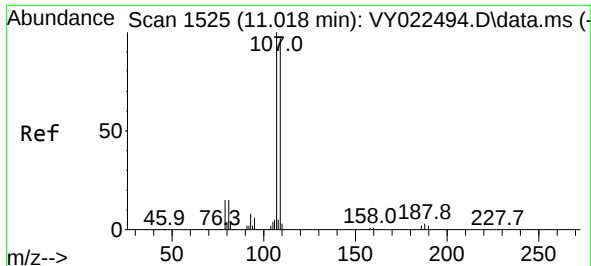
Tgt Ion:129 Resp: 34068

Ion Ratio Lower Upper

129 100

127 77.1 39.1 117.2

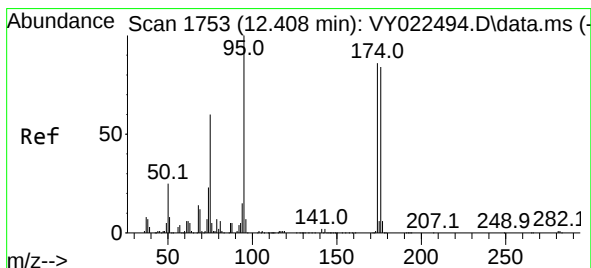
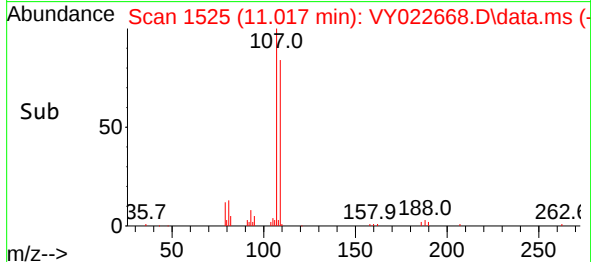
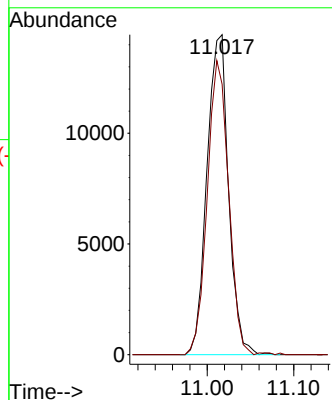
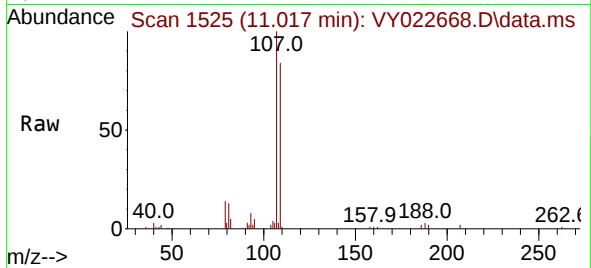




#61
1,2-Dibromoethane
Concen: 20.324 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

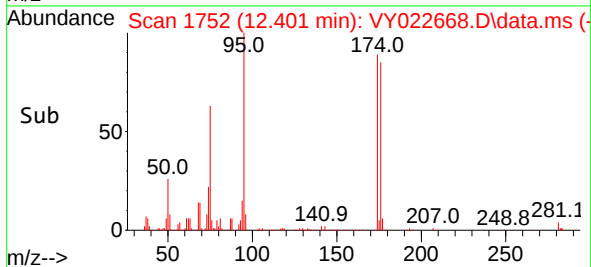
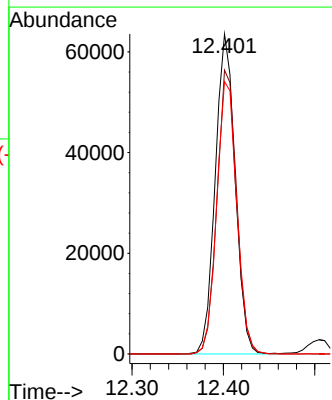
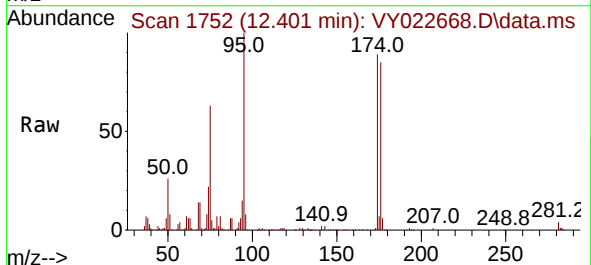
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

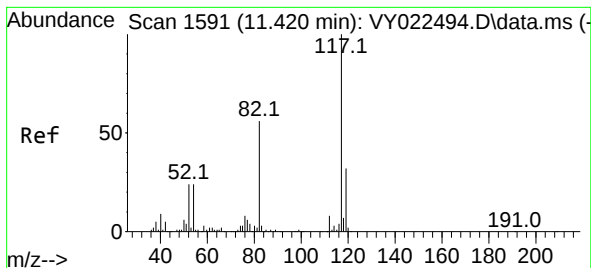
Tgt Ion:107 Resp: 25049
Ion Ratio Lower Upper
107 100
109 90.8 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 48.096 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion: 95 Resp: 96341
Ion Ratio Lower Upper
95 100
174 87.7 0.0 170.0
176 86.1 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

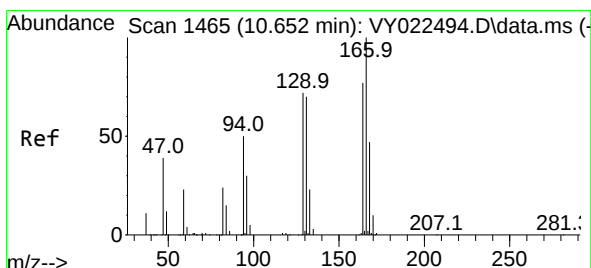
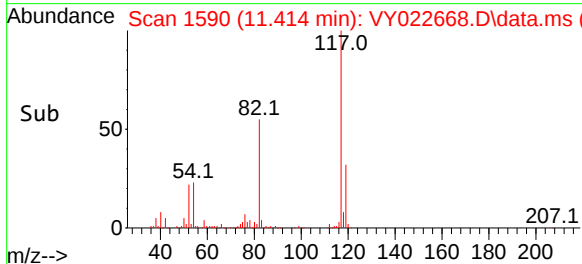
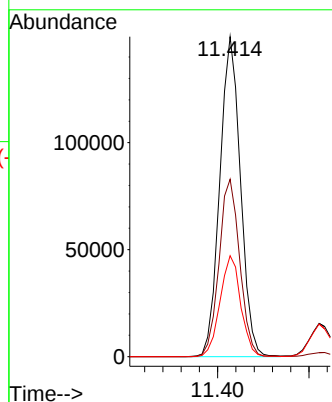
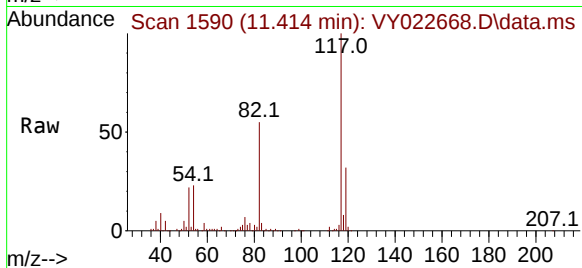
Tgt Ion:117 Resp: 235023

Ion Ratio Lower Upper

117 100

82 55.5 44.6 66.8

119 31.6 25.4 38.0



#64

Tetrachloroethene

Concen: 22.310 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. -0.007 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

Tgt Ion:164 Resp: 45104

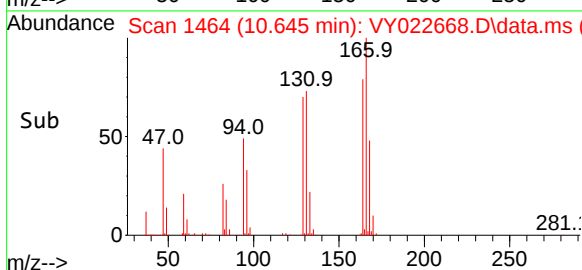
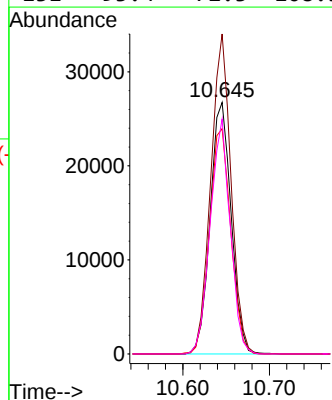
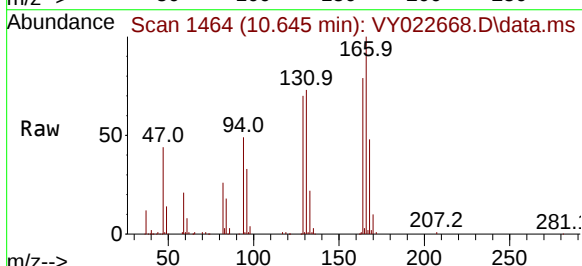
Ion Ratio Lower Upper

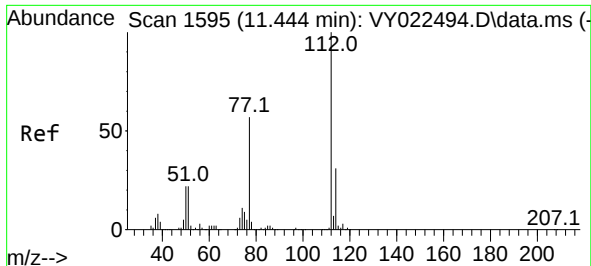
164 100

166 127.2 104.0 156.0

129 89.6 74.5 111.7

131 93.4 72.3 108.5

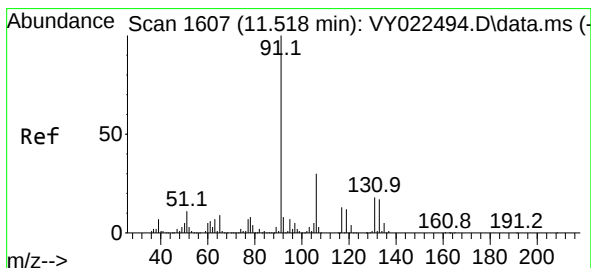
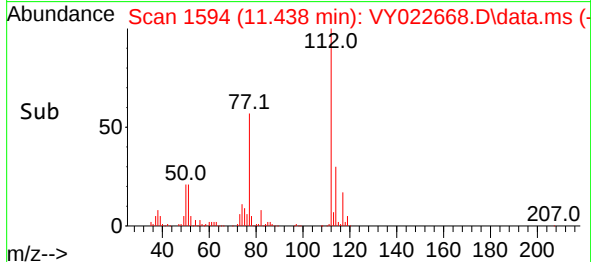
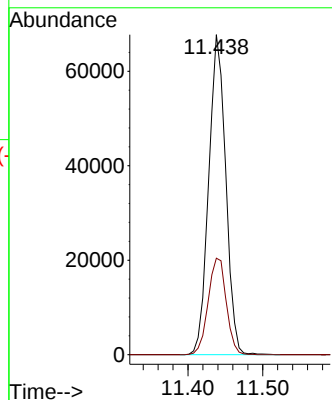
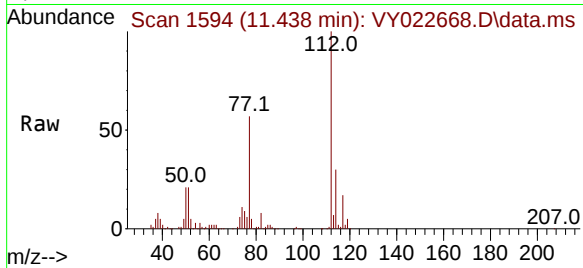




#65
Chlorobenzene
Concen: 20.612 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

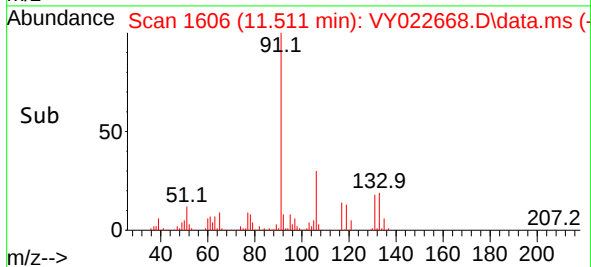
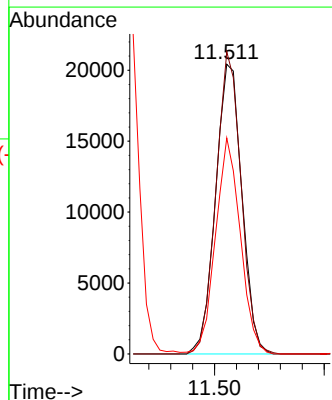
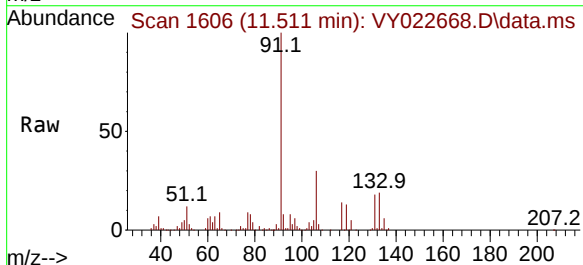
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

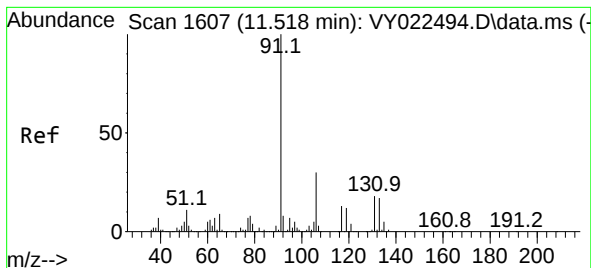
Tgt Ion:112 Resp: 107200
Ion Ratio Lower Upper
112 100
114 30.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.473 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion:131 Resp: 34116
Ion Ratio Lower Upper
131 100
133 99.6 47.3 141.8
119 70.4 33.1 99.3

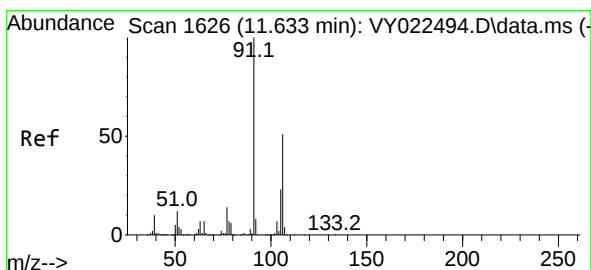
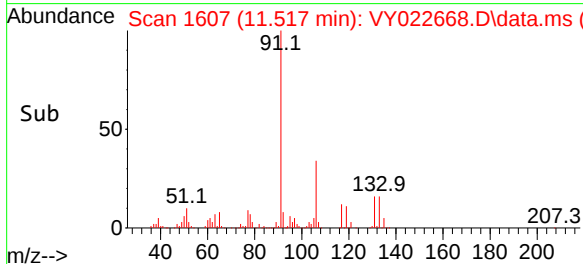
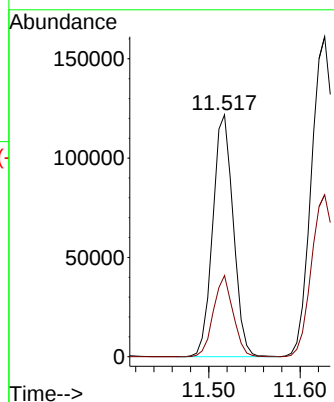
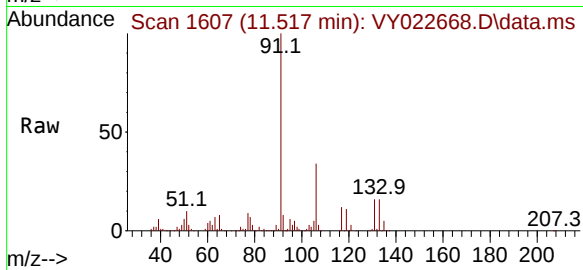




#67
Ethyl Benzene
Concen: 19.653 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

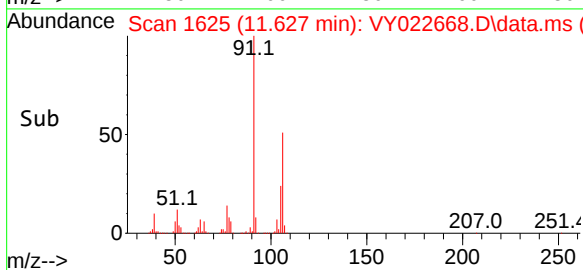
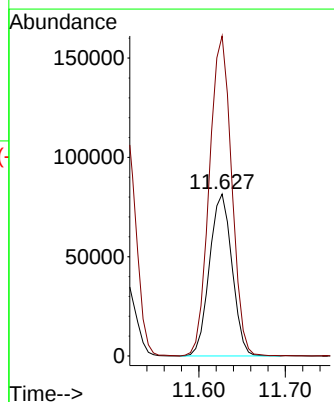
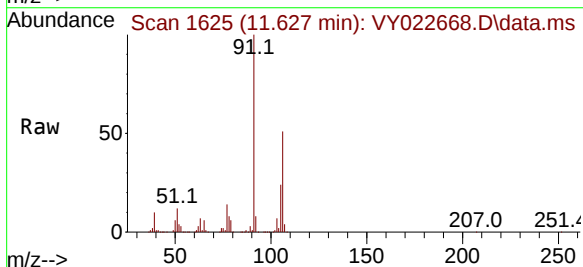
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

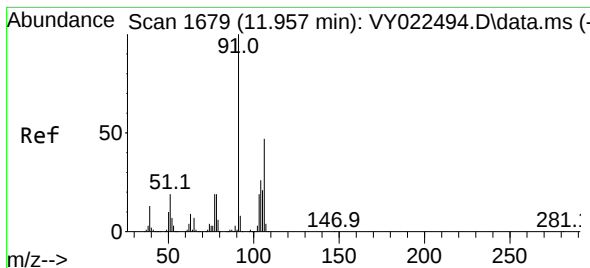
Tgt Ion: 91 Resp: 189574
Ion Ratio Lower Upper
91 100
106 33.6 24.2 36.4



#68
m/p-Xylenes
Concen: 40.326 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion:106 Resp: 147464
Ion Ratio Lower Upper
106 100
91 195.9 159.4 239.0

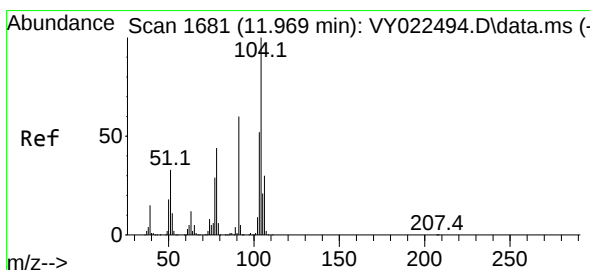
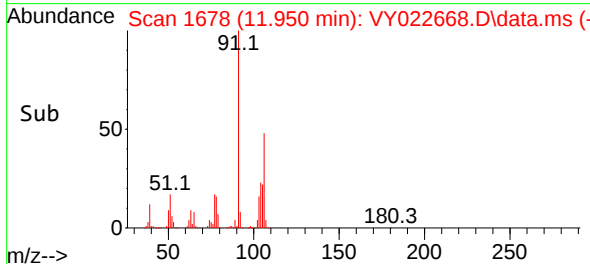
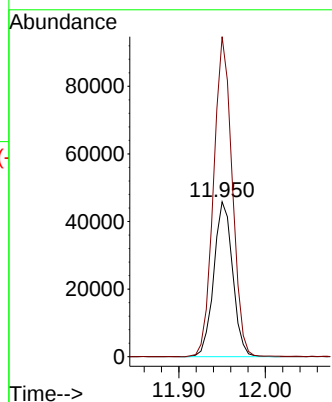
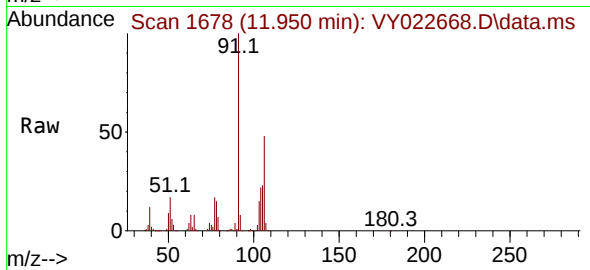




#69
o-Xylene
Concen: 20.204 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

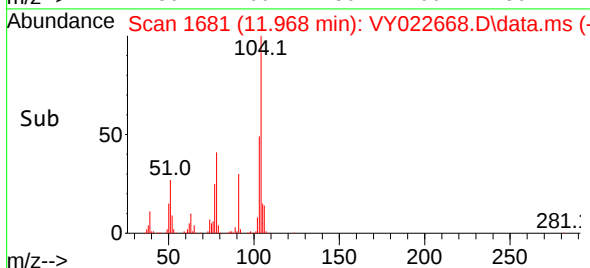
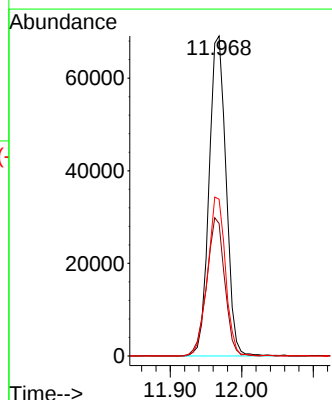
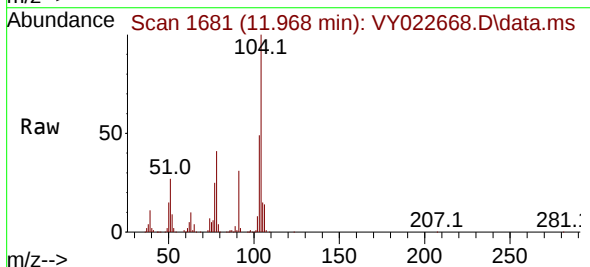
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

Tgt Ion:106 Resp: 69268
Ion Ratio Lower Upper
106 100
91 204.7 105.8 317.3



#70
Styrene
Concen: 20.167 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion:104 Resp: 114292
Ion Ratio Lower Upper
104 100
78 46.0 39.5 59.3
103 52.1 44.1 66.1





#71

Bromoform

Concen: 19.164 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

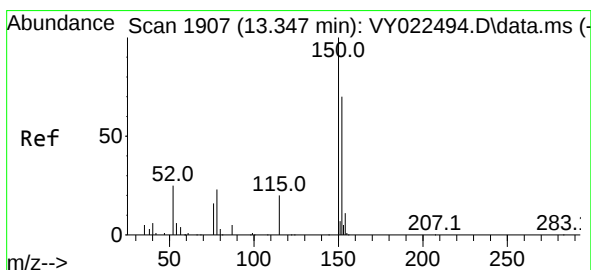
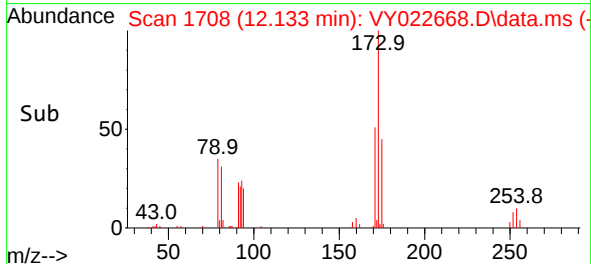
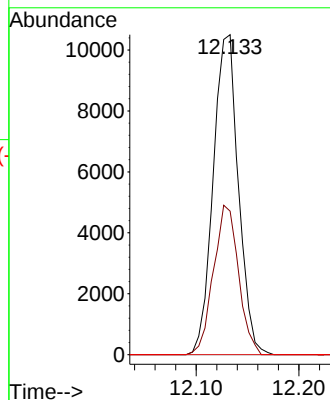
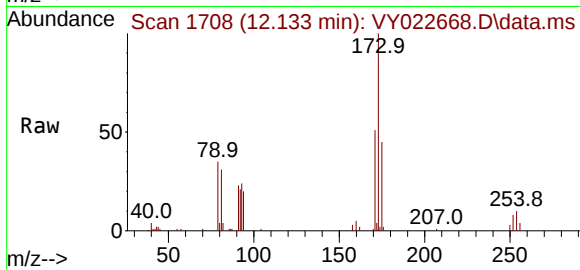
Tgt Ion:173 Resp: 17867

Ion Ratio Lower Upper

173 100

175 46.5 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

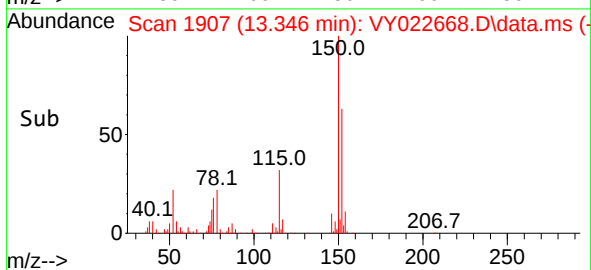
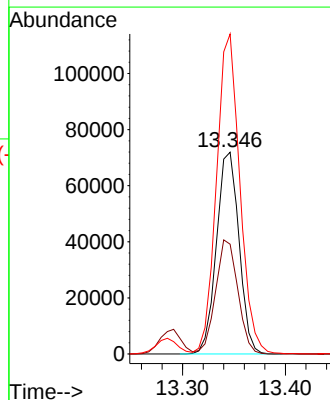
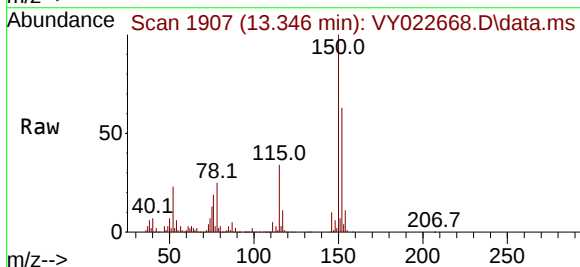
Tgt Ion:152 Resp: 109296

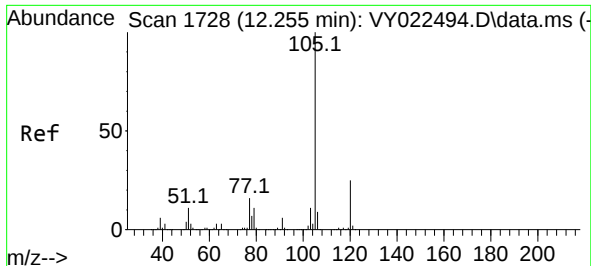
Ion Ratio Lower Upper

152 100

115 56.1 28.9 86.7

150 164.5 0.0 349.6

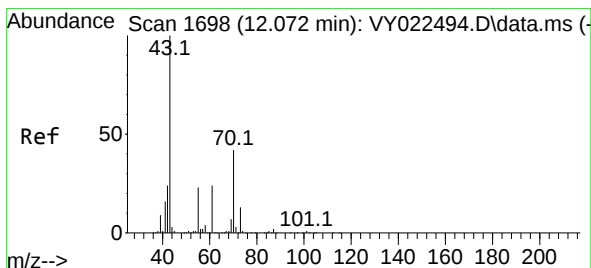
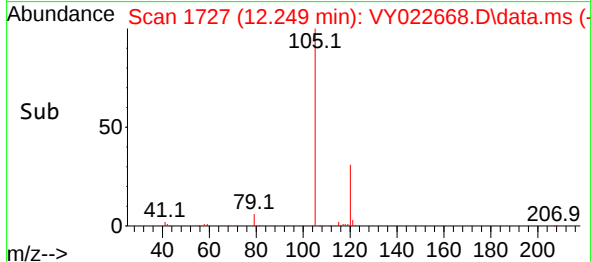
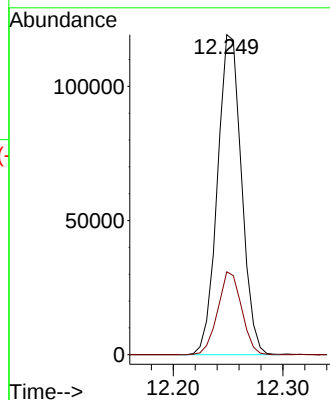
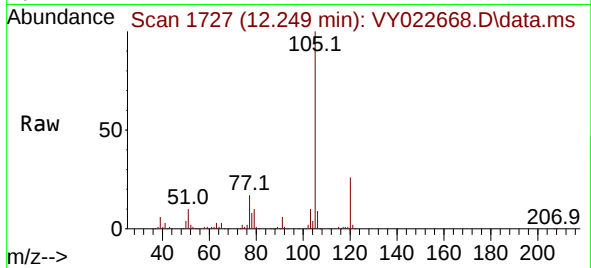




#73
Isopropylbenzene
Concen: 20.271 ug/l
RT: 12.249 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

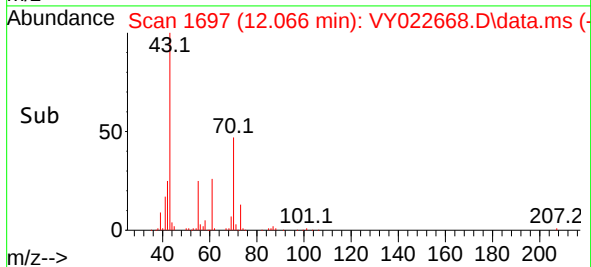
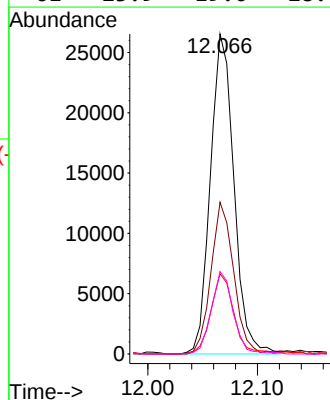
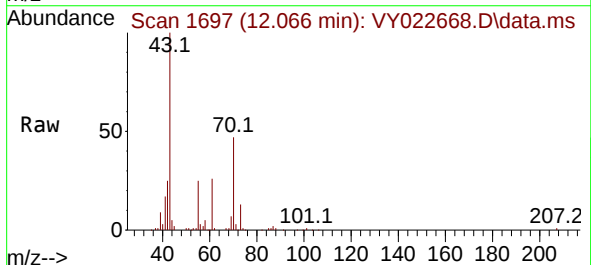
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

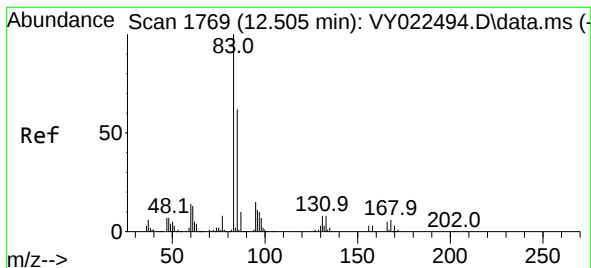
Tgt Ion:105 Resp: 181899
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9



#74
N-ethyl acetate
Concen: 17.500 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion: 43 Resp: 39622
Ion Ratio Lower Upper
43 100
70 45.9 34.2 51.2
55 24.2 18.2 27.4
61 23.9 19.0 28.6





#75

1,1,2-Tetrachloroethane

Concen: 19.411 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

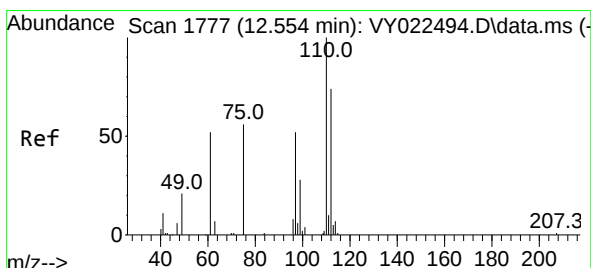
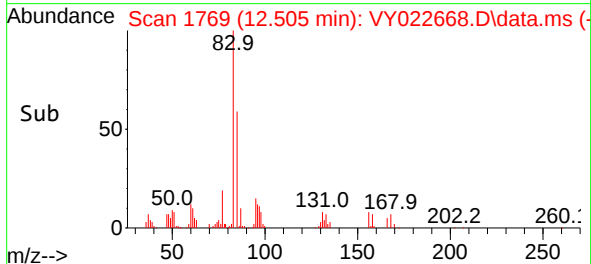
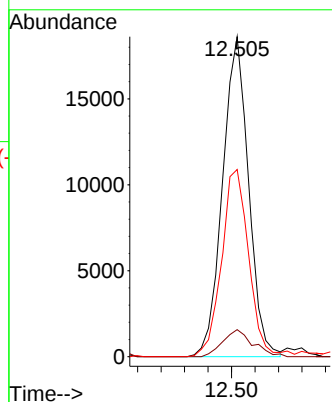
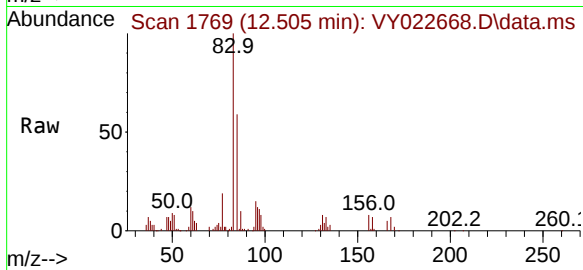
Tgt Ion: 83 Resp: 28587

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

85 60.7 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 30.729 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022668.D

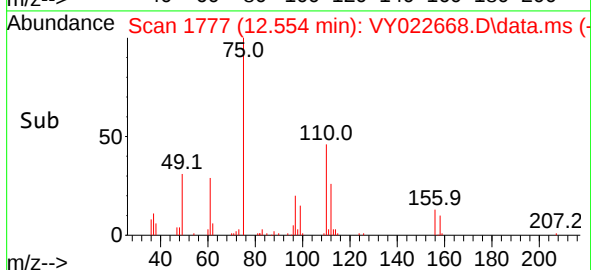
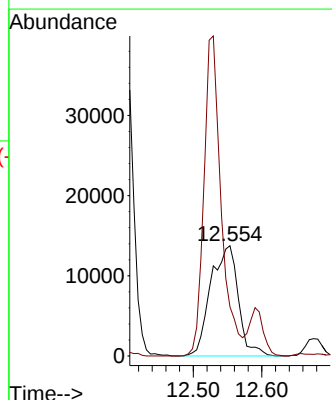
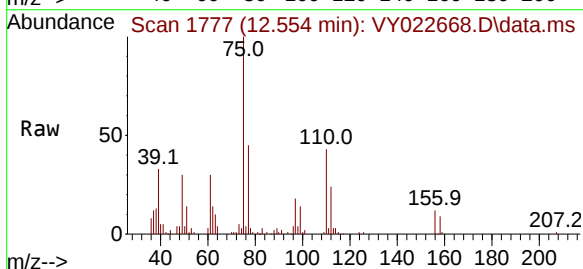
Acq: 12 Jun 2025 12:46

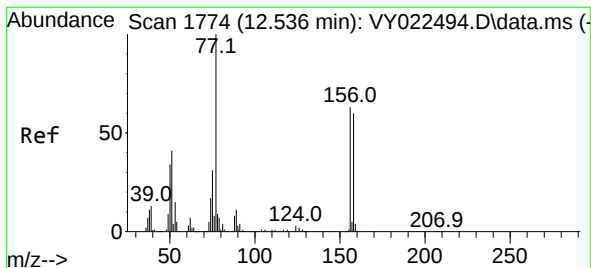
Tgt Ion: 75 Resp: 38423

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.338 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.007 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

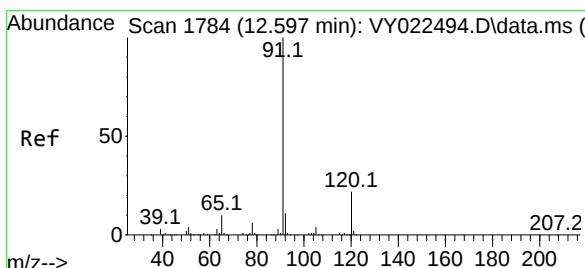
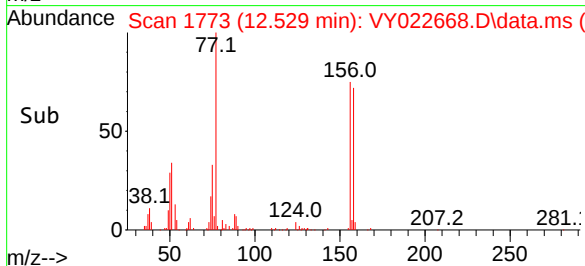
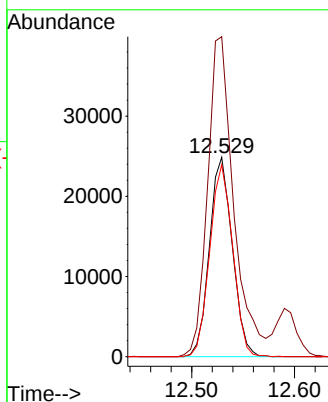
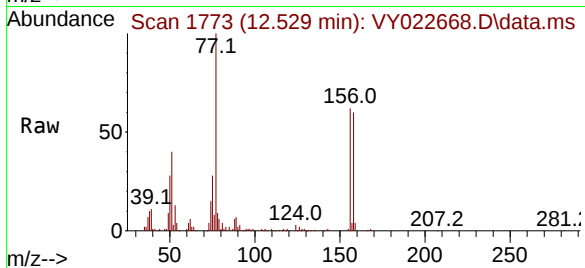
Tgt Ion:156 Resp: 38511

Ion Ratio Lower Upper

156 100

77 182.5 94.0 282.1

158 96.2 48.2 144.6



#78

n-propylbenzene

Concen: 20.422 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.007 min

Lab File: VY022668.D

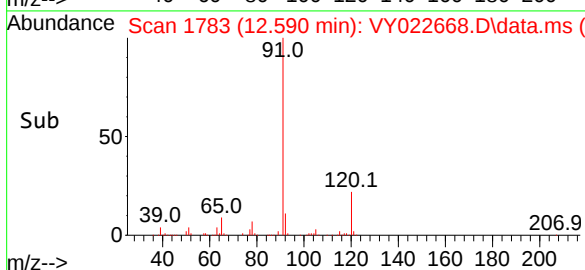
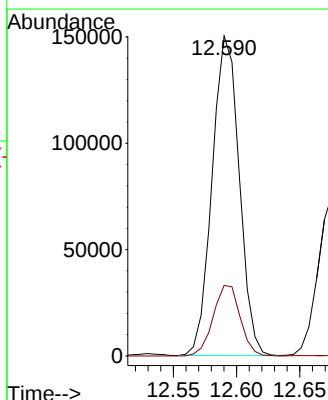
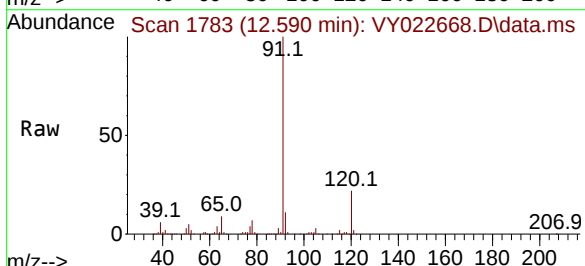
Acq: 12 Jun 2025 12:46

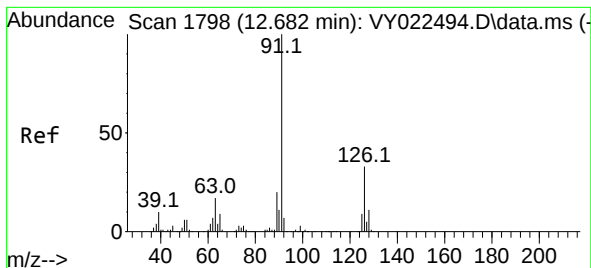
Tgt Ion: 91 Resp: 223817

Ion Ratio Lower Upper

91 100

120 22.0 10.8 32.4

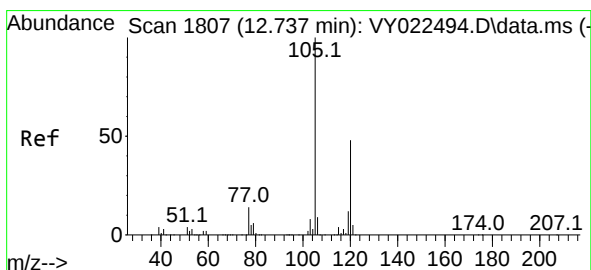
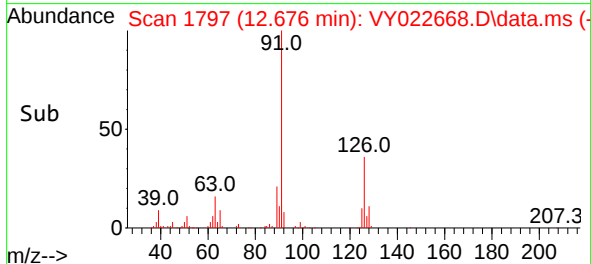
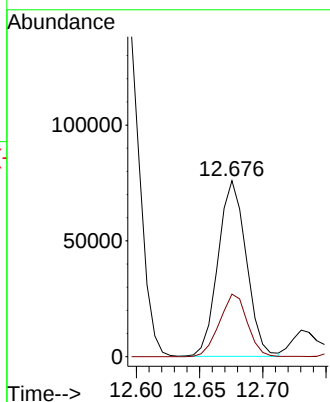
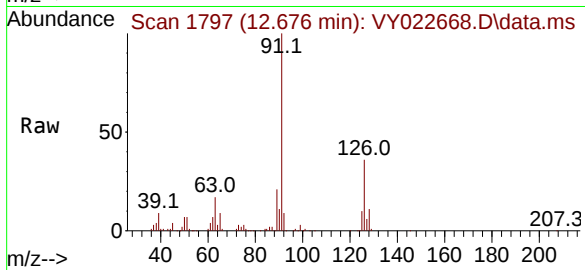




#79
2-Chlorotoluene
Concen: 20.289 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

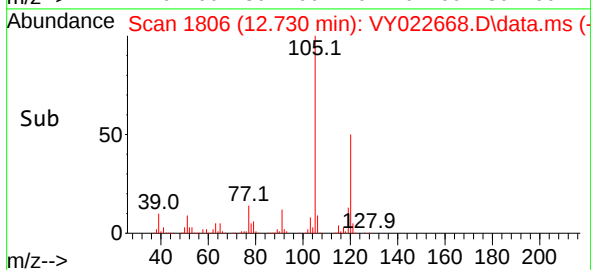
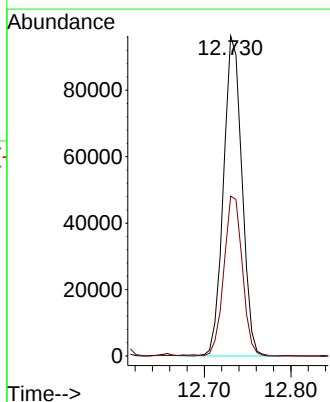
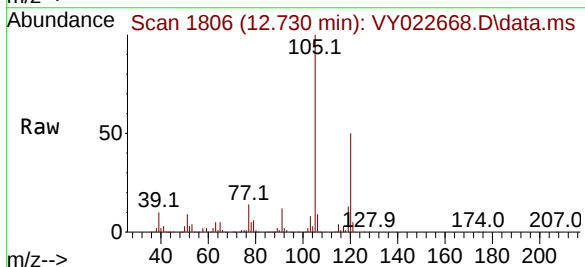
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

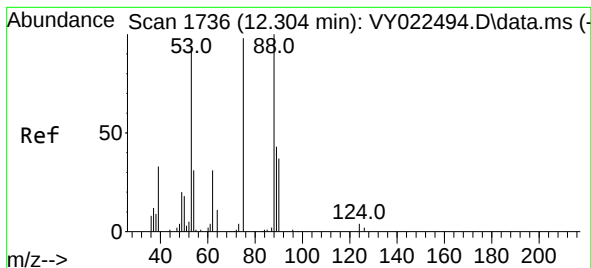
Tgt Ion: 91 Resp: 117852
Ion Ratio Lower Upper
91 100
126 35.2 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.283 ug/l
RT: 12.730 min Scan# 1806
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion: 105 Resp: 142887
Ion Ratio Lower Upper
105 100
120 49.8 24.1 72.4

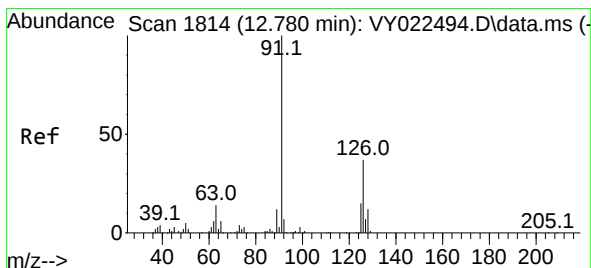
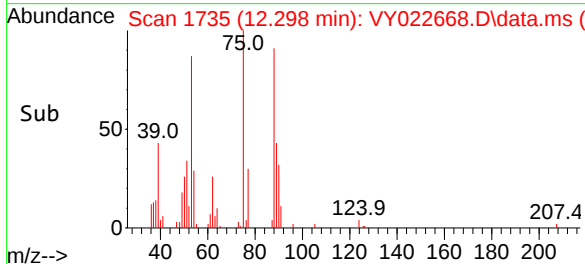
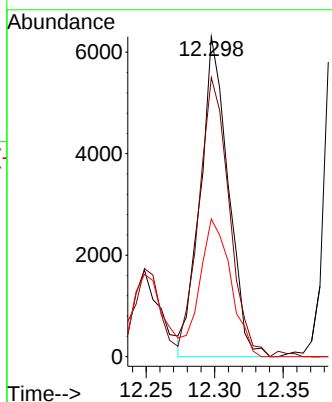
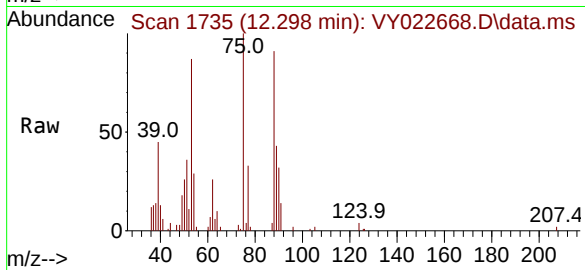




#81
trans-1,4-Dichloro-2-butene
Concen: 17.284 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

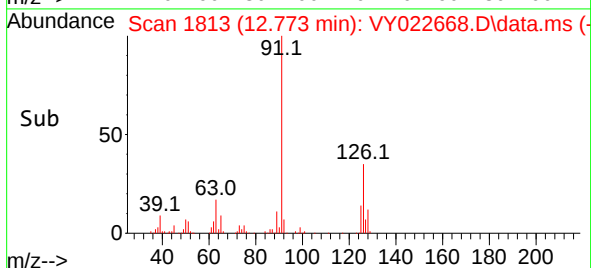
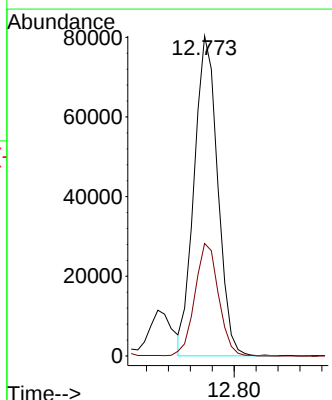
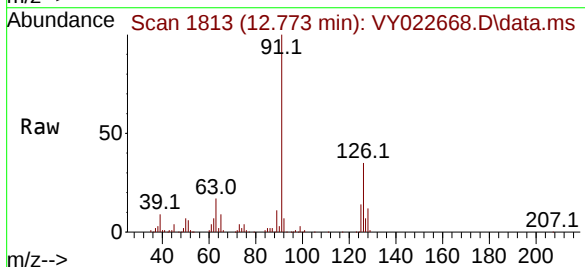
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

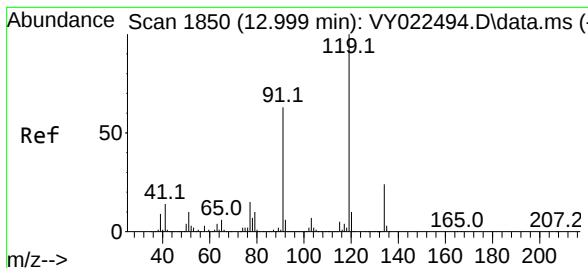
Tgt Ion: 75 Resp: 8949
Ion Ratio Lower Upper
75 100
53 95.4 78.5 117.7
89 47.8 35.7 53.5



#82
4-Chlorotoluene
Concen: 19.932 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion: 91 Resp: 119437
Ion Ratio Lower Upper
91 100
126 35.5 17.0 50.9





#83

tert-Butylbenzene

Concen: 20.174 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.007 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

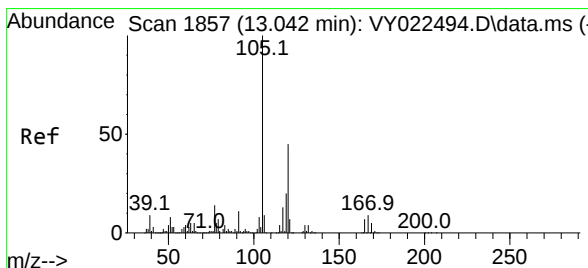
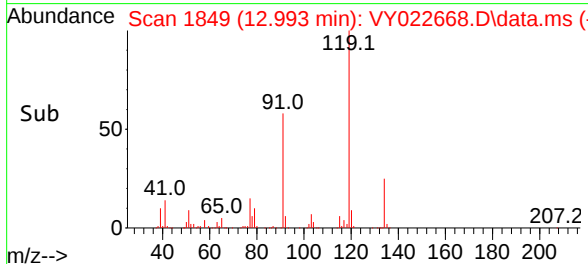
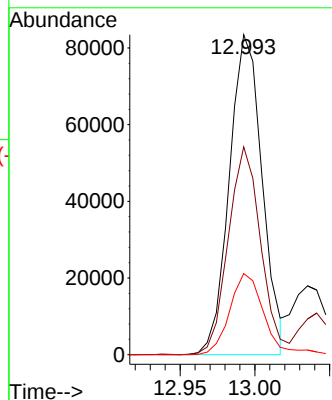
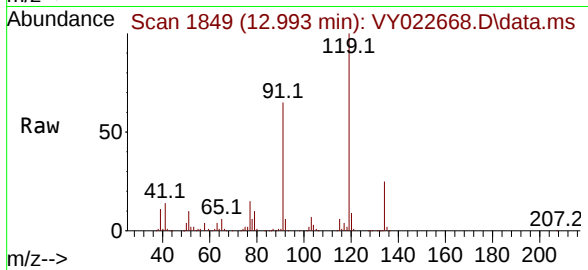
Tgt Ion:119 Resp: 127559

Ion Ratio Lower Upper

119 100

91 64.3 32.1 96.3

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.796 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022668.D

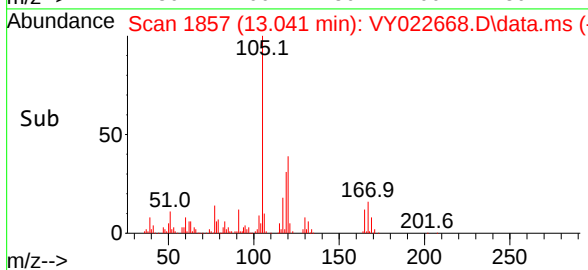
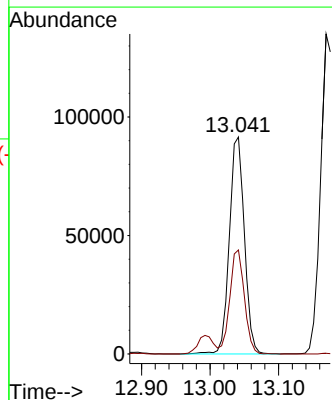
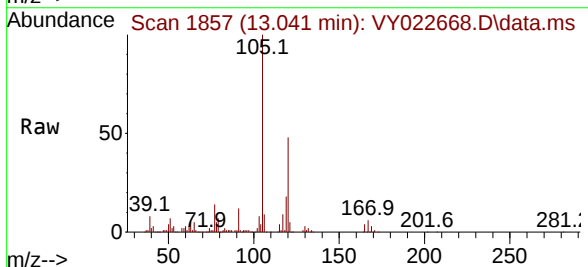
Acq: 12 Jun 2025 12:46

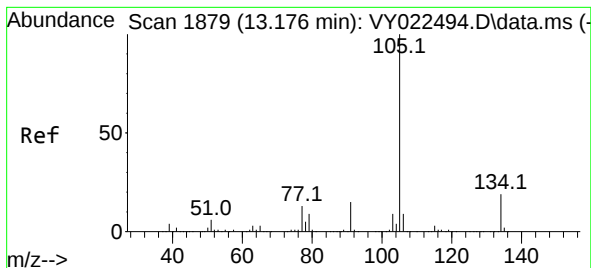
Tgt Ion:105 Resp: 139480

Ion Ratio Lower Upper

105 100

120 46.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.472 ug/l

RT: 13.169 min Scan# 1878

Delta R.T. -0.007 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

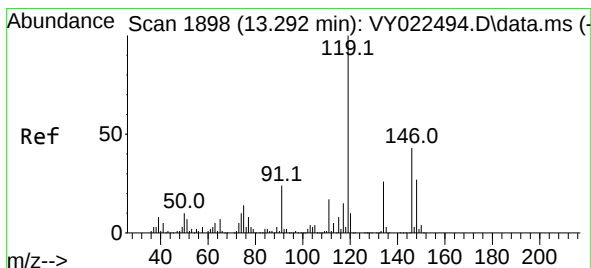
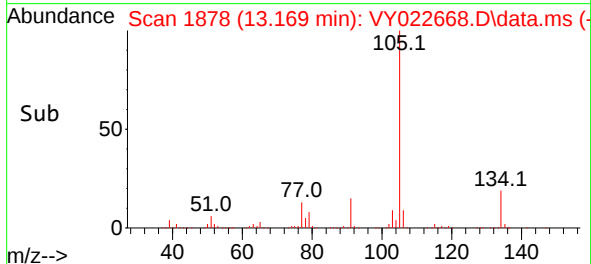
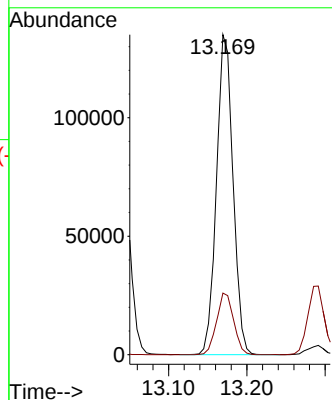
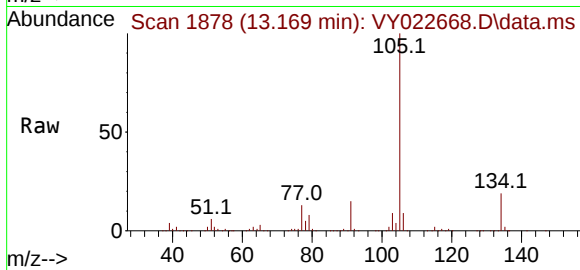
VY0612SBS01

Tgt Ion:105 Resp: 198246

Ion Ratio Lower Upper

105 100

134 19.9 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.507 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.007 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

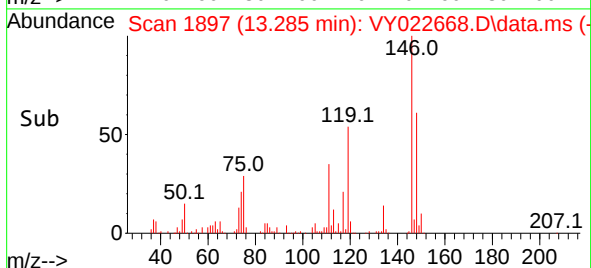
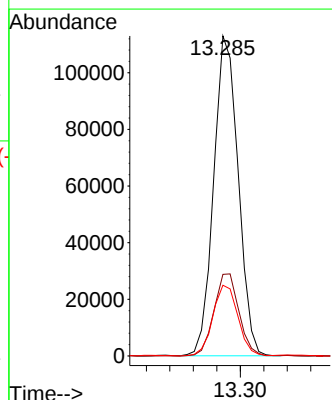
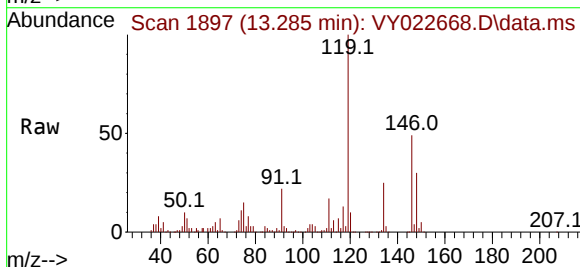
Tgt Ion:119 Resp: 163685

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 22.7 11.6 34.8

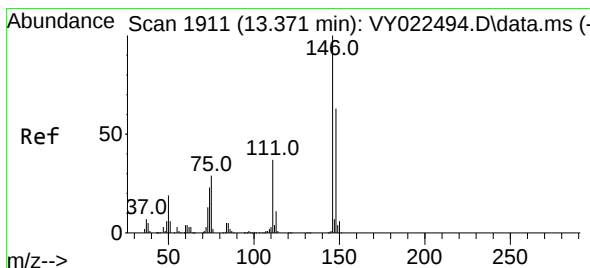
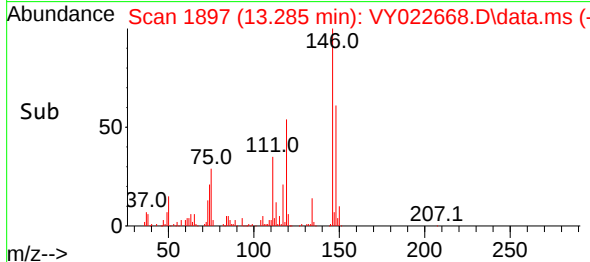
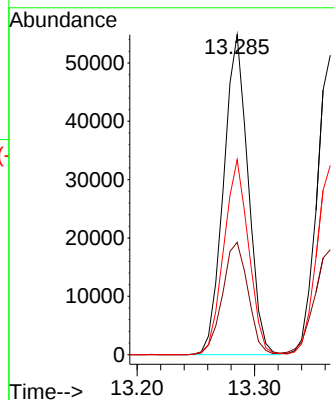
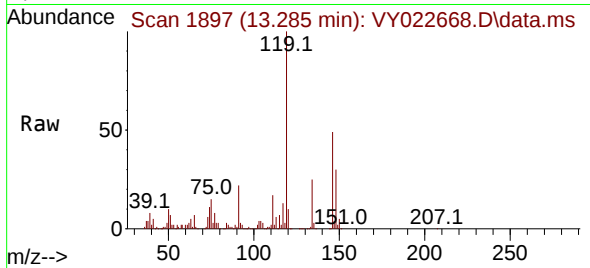




#87
1,3-Dichlorobenzene
Concen: 20.699 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

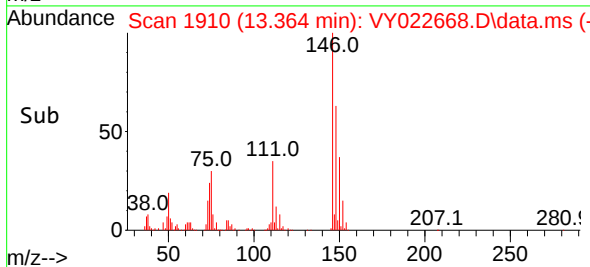
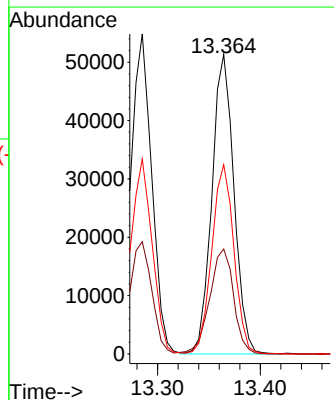
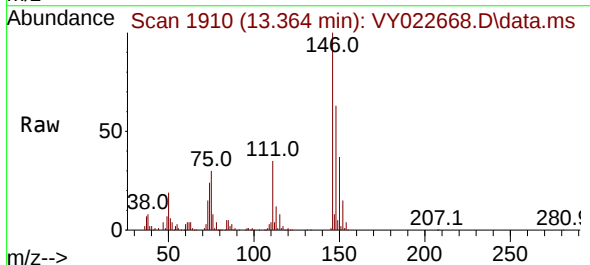
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

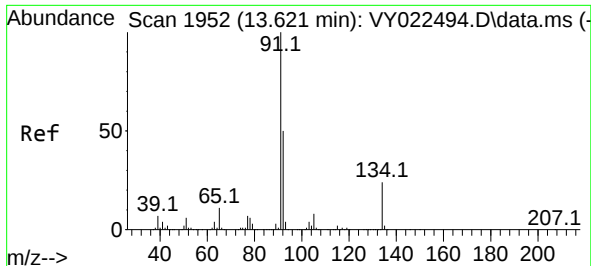
Tgt Ion:146 Resp: 79412
Ion Ratio Lower Upper
146 100
111 36.7 20.1 60.2
148 61.8 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 20.537 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. -0.007 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion:146 Resp: 76421
Ion Ratio Lower Upper
146 100
111 38.0 19.4 58.2
148 63.5 31.6 94.8





#89

n-Butylbenzene

Concen: 20.894 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. -0.007 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

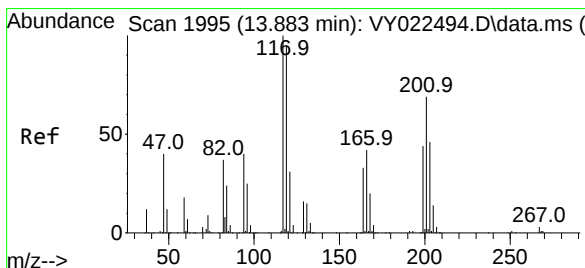
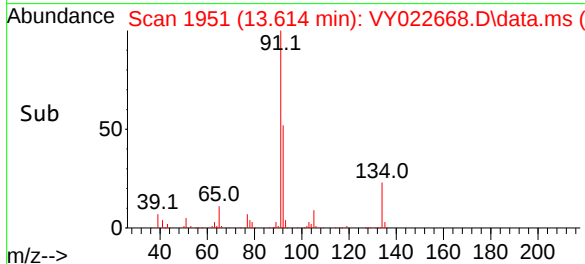
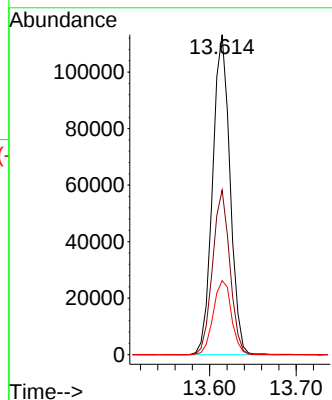
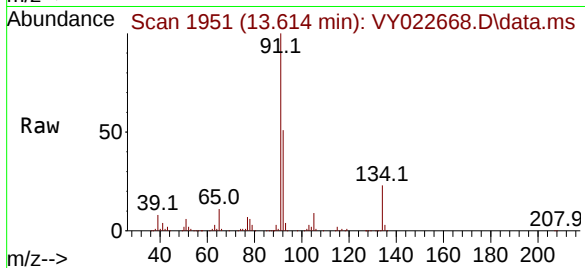
Tgt Ion: 91 Resp: 158232

Ion Ratio Lower Upper

91 100

92 51.0 25.9 77.8

134 24.2 12.0 36.1



#90

Hexachloroethane

Concen: 20.368 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.007 min

Lab File: VY022668.D

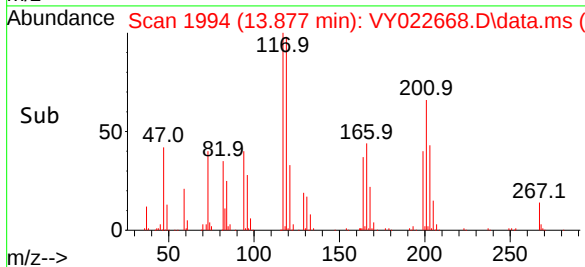
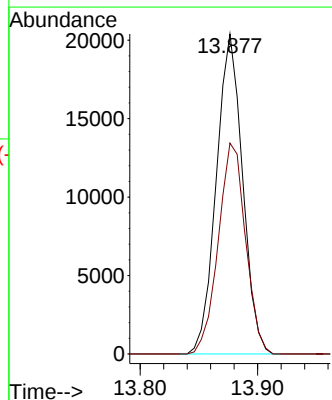
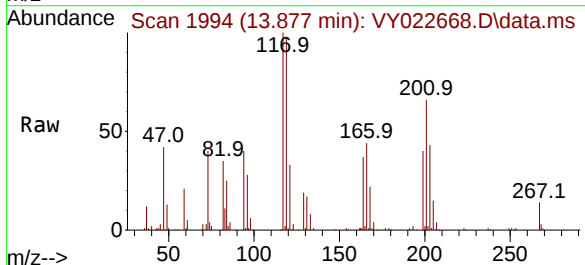
Acq: 12 Jun 2025 12:46

Tgt Ion: 117 Resp: 31650

Ion Ratio Lower Upper

117 100

201 68.5 34.0 102.0

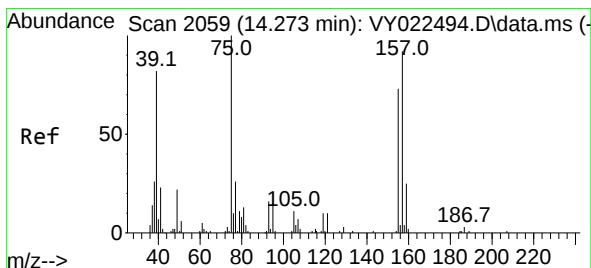
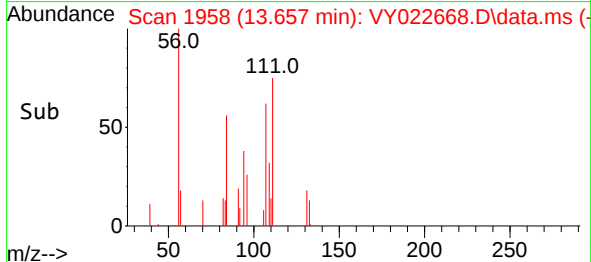
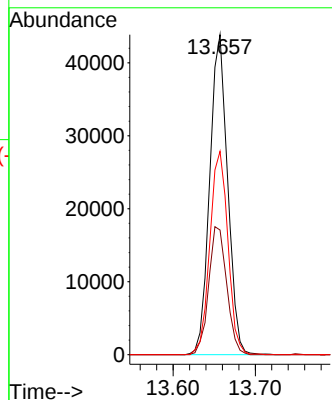
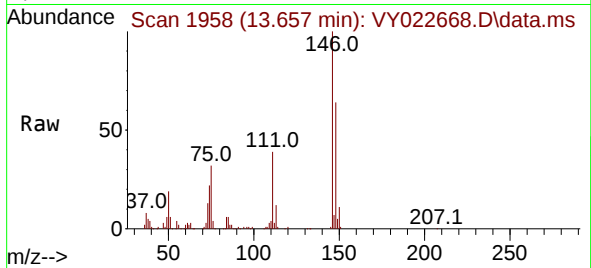




#91
1,2-Dichlorobenzene
Concen: 20.286 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

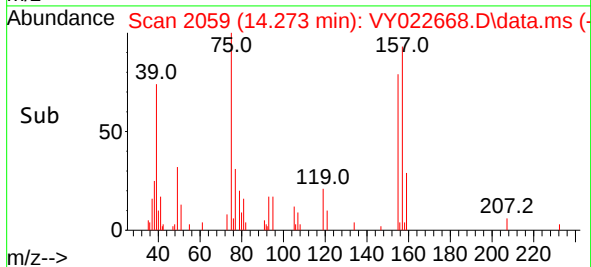
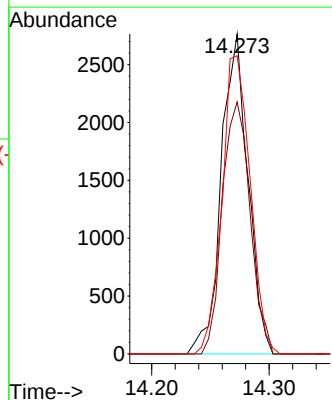
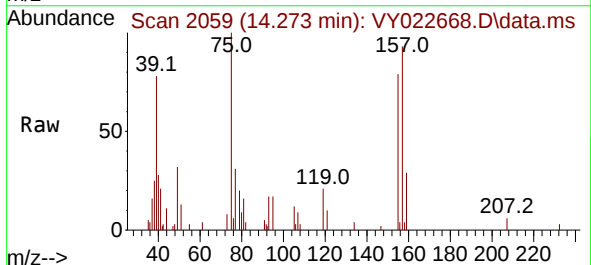
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

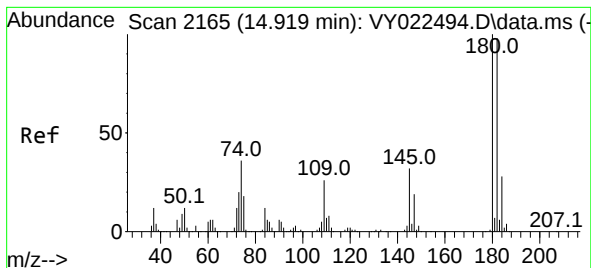
Tgt Ion:146 Resp: 66079
Ion Ratio Lower Upper
146 100
111 40.5 20.2 60.6
148 64.2 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.399 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022668.D
Acq: 12 Jun 2025 12:46

Tgt Ion: 75 Resp: 4374
Ion Ratio Lower Upper
75 100
155 82.2 39.9 119.6
157 98.5 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 22.099 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

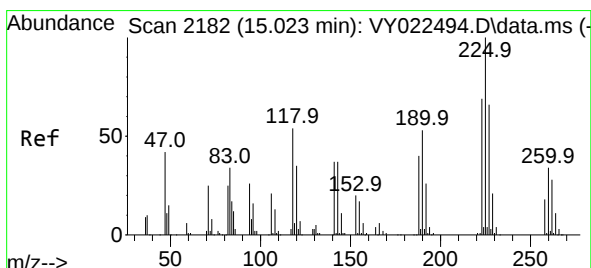
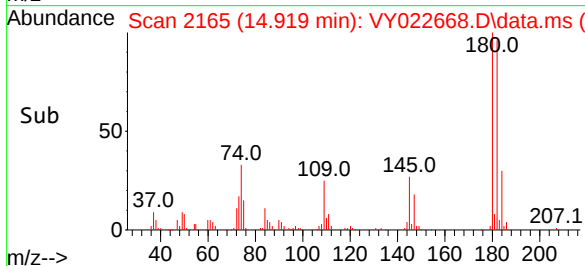
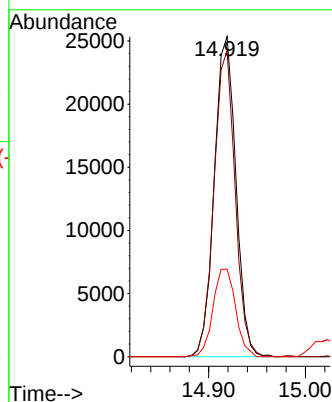
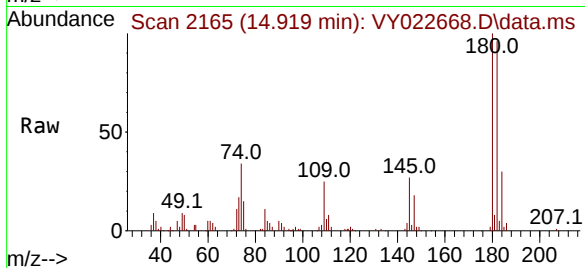
Tgt Ion:180 Resp: 39260

Ion Ratio Lower Upper

180 100

182 93.9 48.4 145.3

145 28.6 15.5 46.5



#94

Hexachlorobutadiene

Concen: 22.469 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

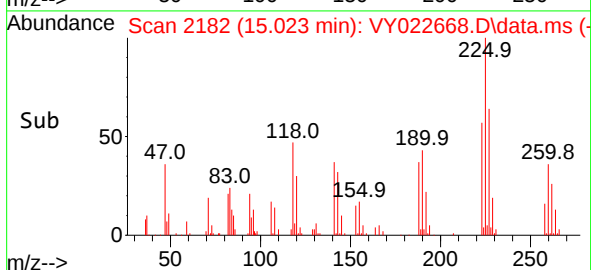
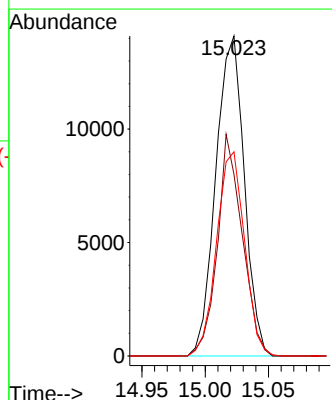
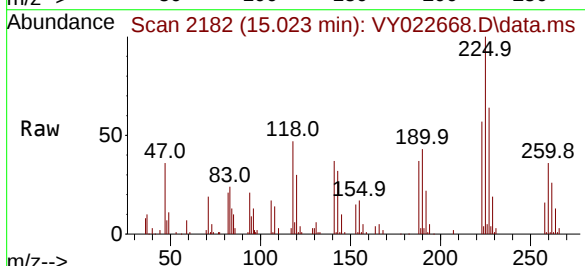
Tgt Ion:225 Resp: 22032

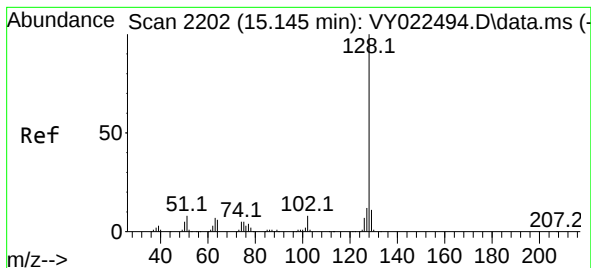
Ion Ratio Lower Upper

225 100

223 60.5 32.5 97.4

227 62.9 32.3 96.9





#95

Naphthalene

Concen: 19.519 ug/l

RT: 15.138 min Scan# 2201

Delta R.T. -0.007 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

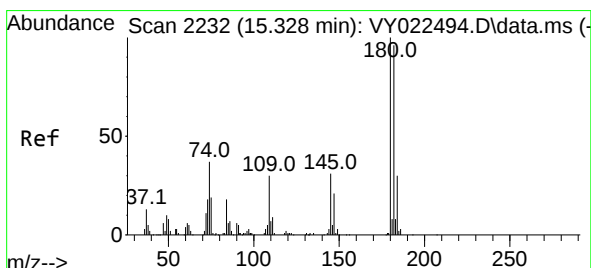
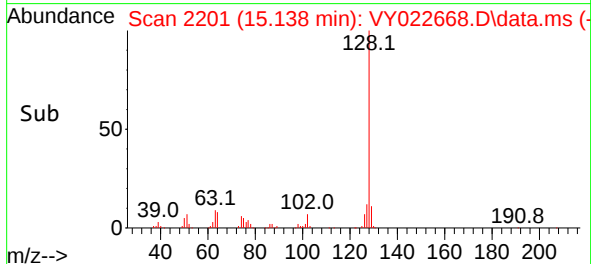
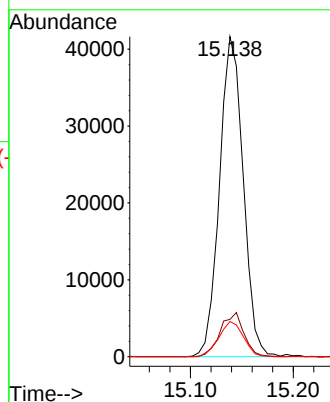
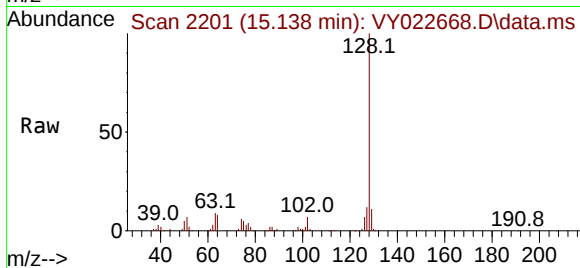
Tgt Ion:128 Resp: 66544

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 11.5 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 21.336 ug/l

RT: 15.321 min Scan# 2231

Delta R.T. -0.007 min

Lab File: VY022668.D

Acq: 12 Jun 2025 12:46

Tgt Ion:180 Resp: 32485

Ion Ratio Lower Upper

180 100

182 93.9 47.1 141.3

145 29.4 15.2 45.6

