

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072125\
 Data File : VY023018.D
 Acq On : 21 Jul 2025 11:36
 Operator : SY/MD
 Sample : VY0721SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Quant Time: Jul 22 04:48:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:50:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	421718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	701669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	590112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	278637	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	215569	50.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.980%	
35) Dibromofluoromethane	7.634	113	212929	47.839	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.680%	
50) Toluene-d8	10.103	98	833649	47.230	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.460%	
62) 4-Bromofluorobenzene	12.401	95	254864	45.870	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	73646	20.567	ug/l	99
3) Chloromethane	2.068	50	134171	22.036	ug/l	99
4) Vinyl Chloride	2.202	62	171355	22.214	ug/l	99
5) Bromomethane	2.592	94	134352	24.132	ug/l	98
6) Chloroethane	2.732	64	114252	22.177	ug/l	96
7) Trichlorofluoromethane	3.056	101	193053	21.559	ug/l	98
8) Diethyl Ether	3.458	74	49327	21.047	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	97453	20.717	ug/l	98
10) Methyl Iodide	4.007	142	96160	19.678	ug/l	99
11) Tert butyl alcohol	4.866	59	27754	107.495	ug/l	96
12) 1,1-Dichloroethene	3.787	96	92298	20.597	ug/l	96
13) Acrolein	3.659	56	18258	150.490	ug/l	100
14) Allyl chloride	4.378	41	141040	20.659	ug/l	100
15) Acrylonitrile	5.061	53	94962	106.975	ug/l	100
16) Acetone	3.872	43	94087	121.580	ug/l	98
17) Carbon Disulfide	4.104	76	286478	21.094	ug/l	98
18) Methyl Acetate	4.391	43	56327	21.499	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	226552	21.078	ug/l	97
20) Methylene Chloride	4.616	84	138217	20.471	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	105018	21.053	ug/l	100
22) Diisopropyl ether	6.018	45	307028	21.199	ug/l	97
23) Vinyl Acetate	5.957	43	796609	109.159	ug/l	99
24) 1,1-Dichloroethane	5.915	63	188662	20.739	ug/l	99
25) 2-Butanone	6.896	43	128721	115.946	ug/l	100
26) 2,2-Dichloropropane	6.884	77	165426	20.749	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	119752	20.831	ug/l	99
28) Bromochloromethane	7.244	49	76365	21.643	ug/l	97
29) Tetrahydrofuran	7.268	42	78263	111.346	ug/l	99
30) Chloroform	7.421	83	191330	20.849	ug/l	97
31) Cyclohexane	7.701	56	170093	20.011	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	170957	20.531	ug/l	98
36) 1,1-Dichloropropene	7.835	75	140031	19.973	ug/l	99
37) Ethyl Acetate	6.988	43	53696	20.622	ug/l	99
38) Carbon Tetrachloride	7.817	117	150226	19.723	ug/l	96
39) Methylcyclohexane	9.109	83	176462	19.446	ug/l	99
40) Benzene	8.079	78	425961	20.179	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	31858	22.460	ug/l #	88
42) 1,2-Dichloroethane	8.158	62	109621	20.873	ug/l	99
43) Isopropyl Acetate	8.195	43	107425	20.770	ug/l #	88
44) Trichloroethene	8.859	130	104274	19.232	ug/l	98
45) 1,2-Dichloropropane	9.140	63	100649	20.417	ug/l	97
46) Dibromomethane	9.225	93	53231	20.891	ug/l	99
47) Bromodichloromethane	9.420	83	141545	20.096	ug/l	99
48) Methyl methacrylate	9.219	41	51494	20.622	ug/l	98
49) 1,4-Dioxane	9.225	88	11369	423.289	ug/l	92
51) 4-Methyl-2-Pentanone	9.993	43	279440	106.444	ug/l	99
52) Toluene	10.170	92	260141	19.821	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	121765	20.140	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	146756	20.138	ug/l	97
55) 1,1,2-Trichloroethane	10.566	97	68420	20.430	ug/l	98
56) Ethyl methacrylate	10.438	69	83906	20.070	ug/l	98
57) 1,3-Dichloropropane	10.713	76	118038	20.403	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	208502	101.883	ug/l	99
59) 2-Hexanone	10.755	43	190073	110.148	ug/l	99
60) Dibromochloromethane	10.908	129	89811	20.479	ug/l	99
61) 1,2-Dibromoethane	11.011	107	62586	20.579	ug/l	100
64) Tetrachloroethene	10.646	164	107463	17.816	ug/l	98
65) Chlorobenzene	11.438	112	278001	19.964	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	92977	19.576	ug/l	99
67) Ethyl Benzene	11.517	91	481329	19.501	ug/l	97
68) m/p-Xylenes	11.627	106	370931	39.181	ug/l	99
69) o-Xylene	11.950	106	168595	19.189	ug/l	98
70) Styrene	11.969	104	282132	19.604	ug/l	100
71) Bromoform	12.127	173	48047	19.927	ug/l #	100
73) Isopropylbenzene	12.249	105	448907	19.003	ug/l	100
74) N-amyl acetate	12.066	43	91471	20.538	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	74386	21.759	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	99616	28.691	ug/l #	100
77) Bromobenzene	12.529	156	98865	19.296	ug/l	98
78) n-propylbenzene	12.590	91	548378	19.493	ug/l	100
79) 2-Chlorotoluene	12.676	91	305812	19.328	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	362111	19.435	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	22663	19.441	ug/l	98
82) 4-Chlorotoluene	12.773	91	315940	19.799	ug/l	99
83) tert-Butylbenzene	12.993	119	317013	18.836	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	358240	19.533	ug/l	100
85) sec-Butylbenzene	13.170	105	487116	19.314	ug/l	99
86) p-Isopropyltoluene	13.285	119	392041	19.139	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	199016	19.247	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	196711	19.665	ug/l	99
89) n-Butylbenzene	13.615	91	368568	19.500	ug/l	99
90) Hexachloroethane	13.877	117	81594	19.240	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	170533	19.552	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11157	21.980	ug/l	92
93) 1,2,4-Trichlorobenzene	14.913	180	91783	19.964	ug/l	99
94) Hexachlorobutadiene	15.017	225	56084	19.350	ug/l	99
95) Naphthalene	15.139	128	149495	20.274	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	76032	20.029	ug/l	99

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ALS Vial : 5 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
VY0721SBSD01

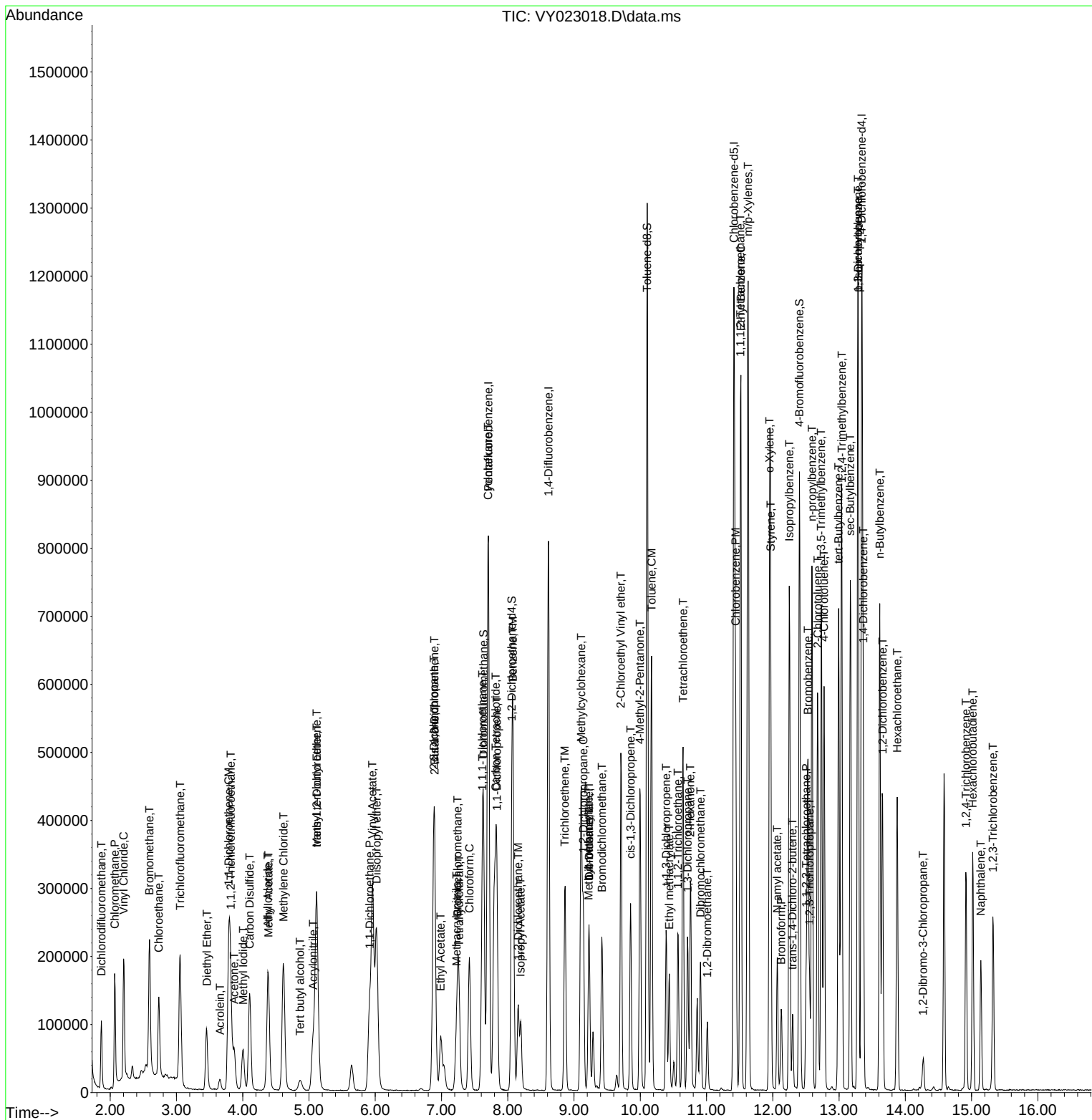
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:50:49 2025
Response via : Initial Calibration

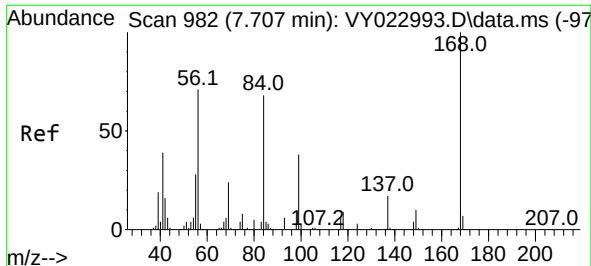
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

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Quant Title : SW846 8260
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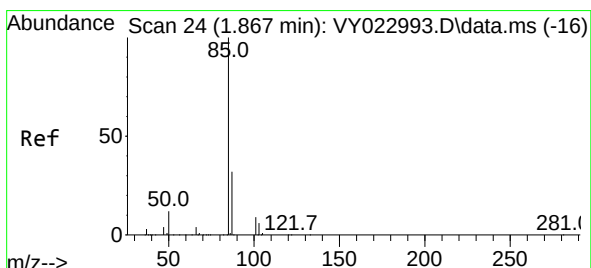
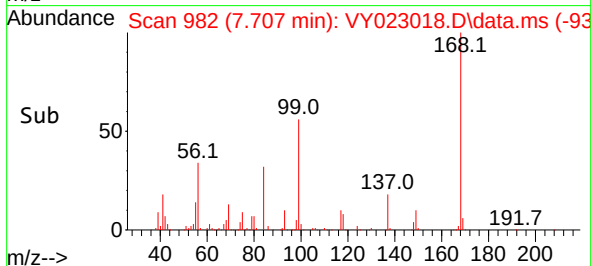
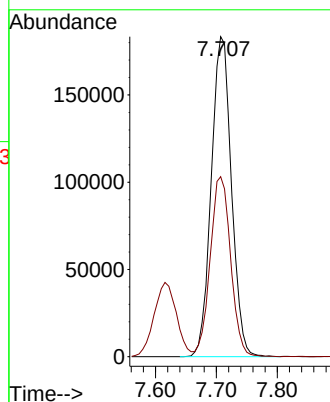
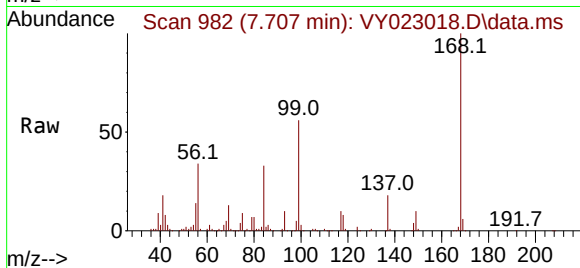




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023018.D
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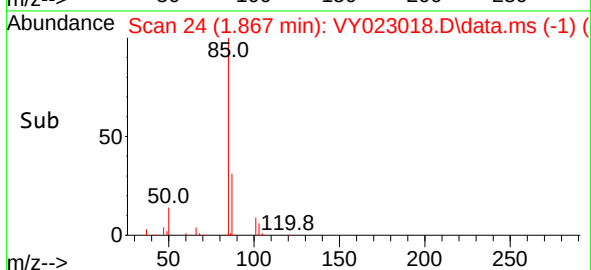
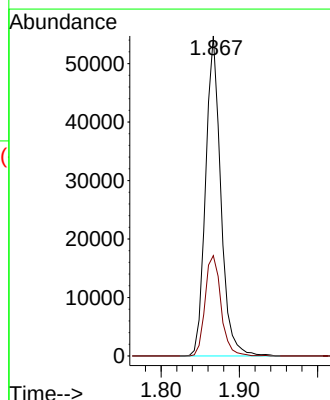
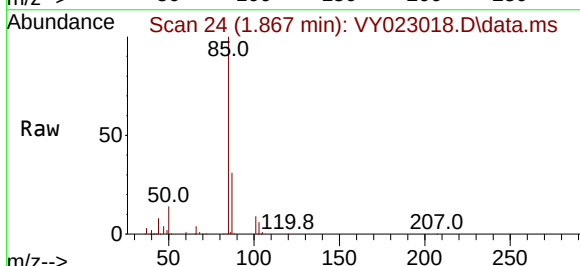
Instrument :
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ClientSampleId :
VY0721SBSD01

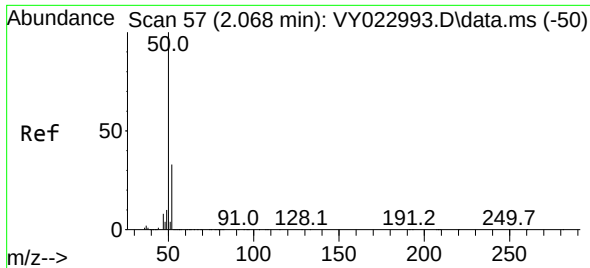
Tgt Ion:168 Resp: 421718
Ion Ratio Lower Upper
168 100
99 56.3 44.4 66.6



#2
Dichlorodifluoromethane
Concen: 20.567 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion: 85 Resp: 73646
Ion Ratio Lower Upper
85 100
87 31.3 16.0 47.9

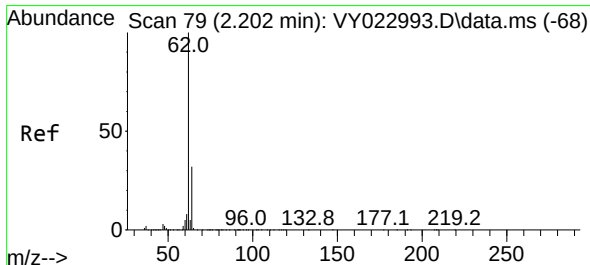
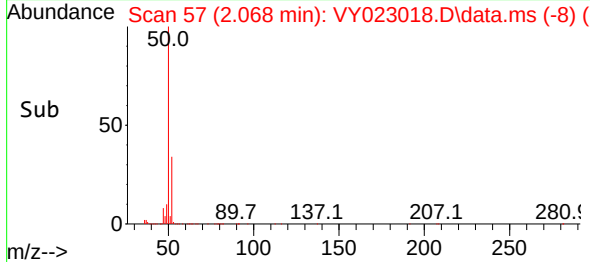
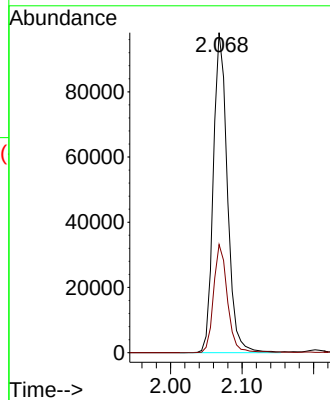
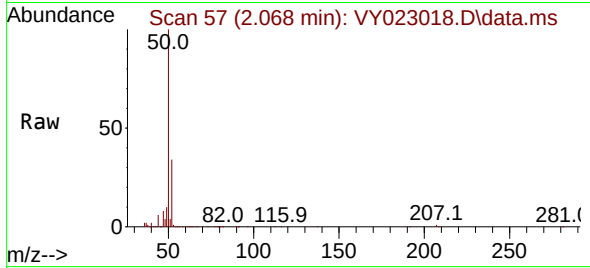




#3
Chloromethane
Concen: 22.036 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

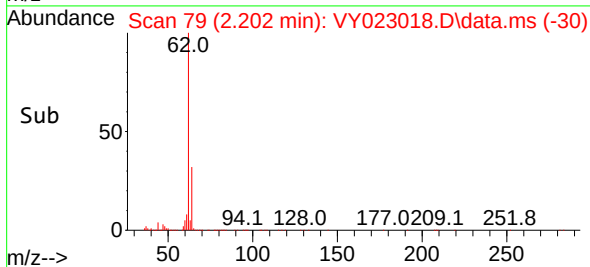
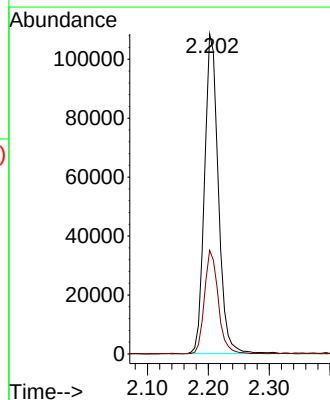
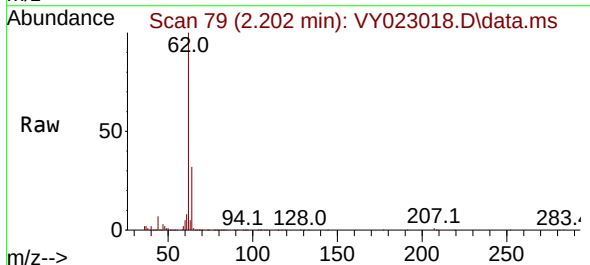
Instrument :
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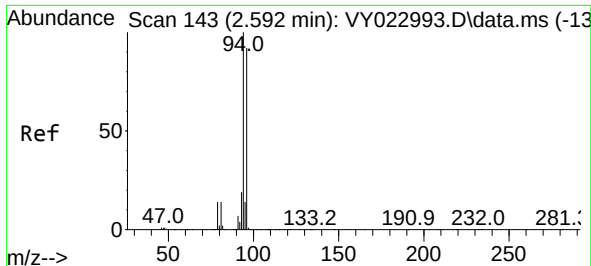
Tgt Ion: 50 Resp: 134171
Ion Ratio Lower Upper
50 100
52 33.8 26.6 39.8



#4
Vinyl Chloride
Concen: 22.214 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion: 62 Resp: 171355
Ion Ratio Lower Upper
62 100
64 32.3 25.2 37.8

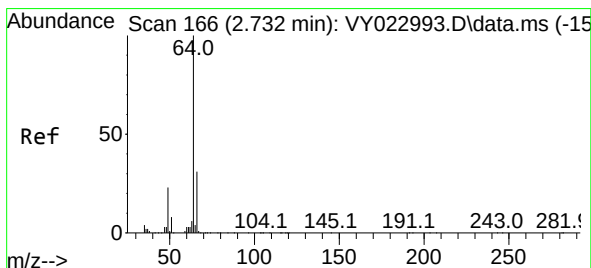
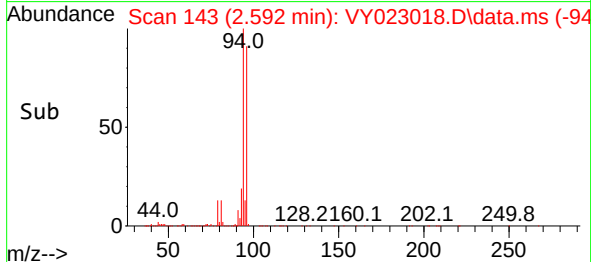
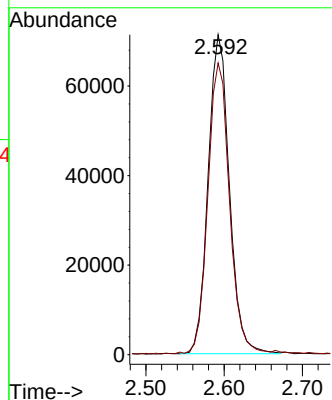
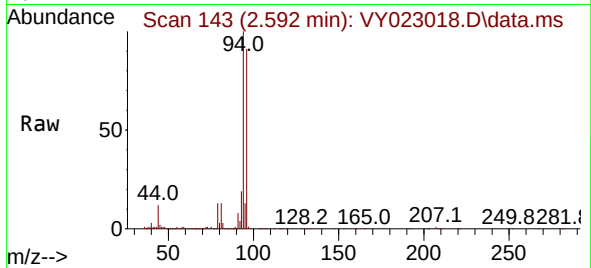




#5
Bromomethane
Concen: 24.132 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

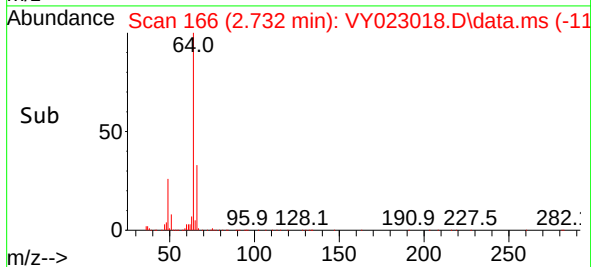
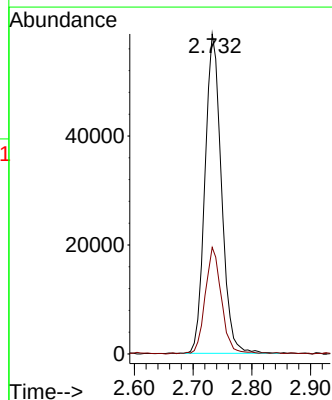
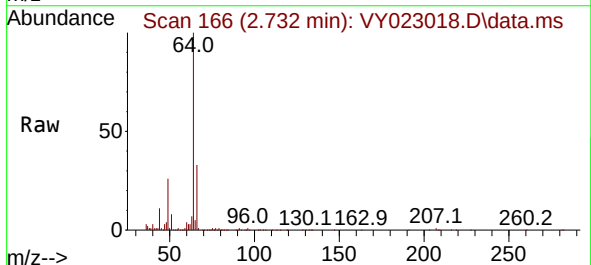
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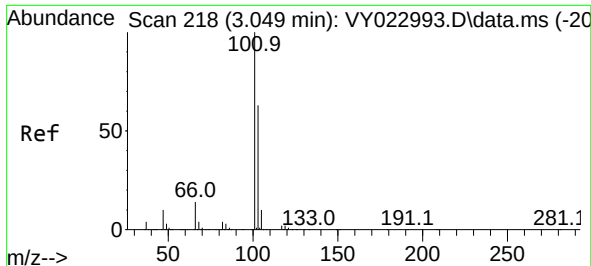
Tgt Ion: 94 Resp: 134352
Ion Ratio Lower Upper
94 100
96 90.6 73.9 110.9



#6
Chloroethane
Concen: 22.177 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion: 64 Resp: 114252
Ion Ratio Lower Upper
64 100
66 33.1 24.9 37.3

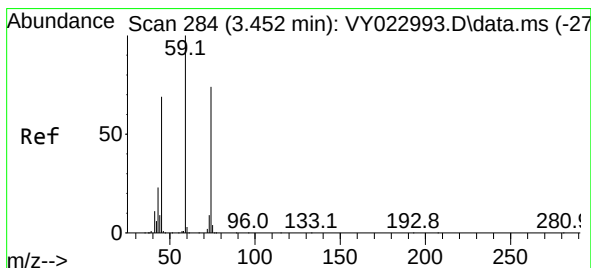
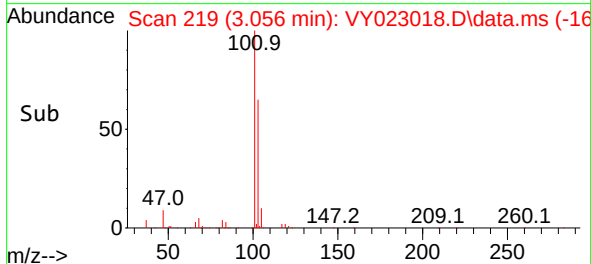
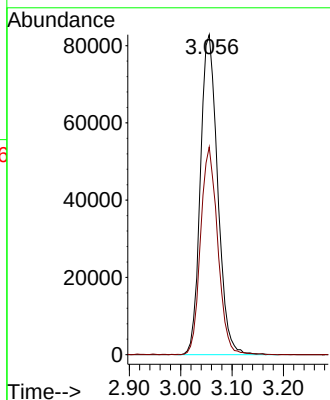
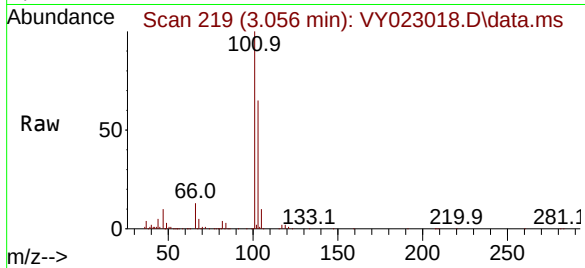




#7
 Trichlorofluoromethane
 Concen: 21.559 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY023018.D
 Acq: 21 Jul 2025 11:36

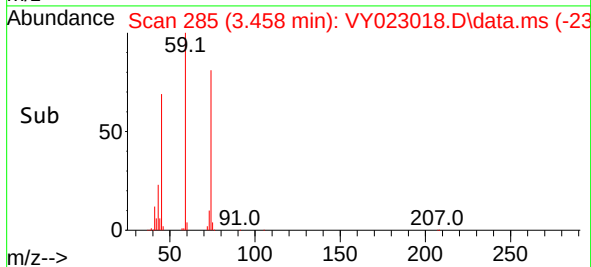
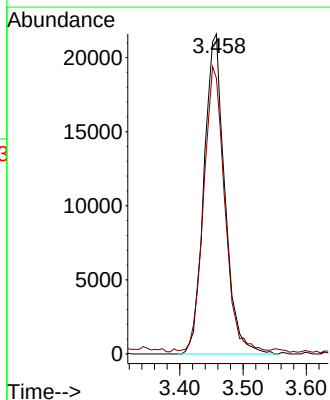
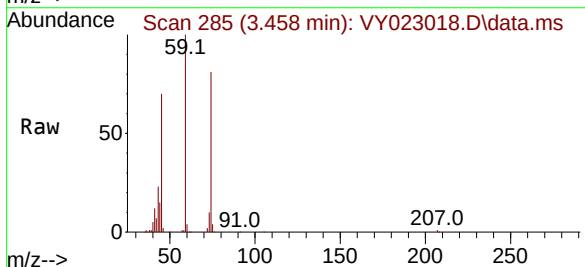
Instrument :
 MSVOA_Y
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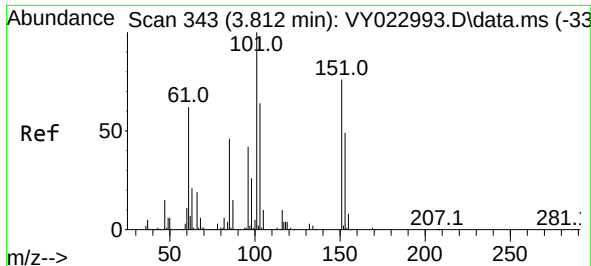
Tgt Ion:101 Resp: 193053
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.7 76.1



#8
 Diethyl Ether
 Concen: 21.047 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023018.D
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Tgt Ion: 74 Resp: 49327
 Ion Ratio Lower Upper
 74 100
 45 90.6 45.1 135.2

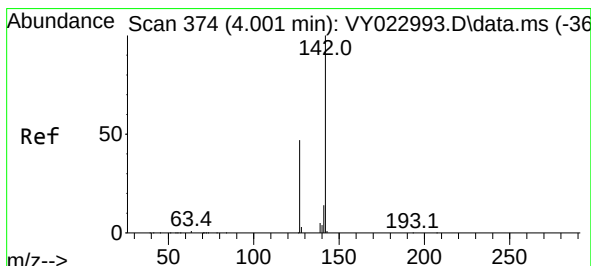
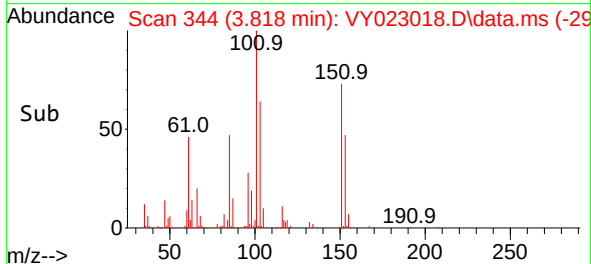
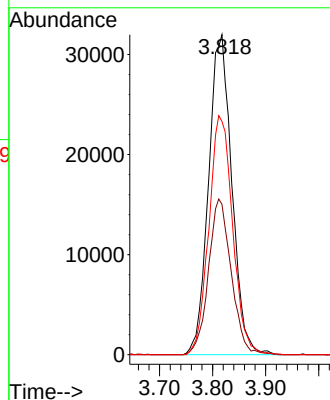
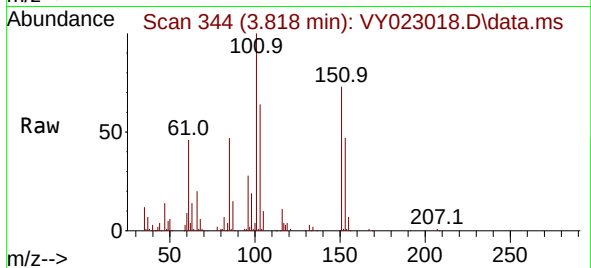




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.717 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

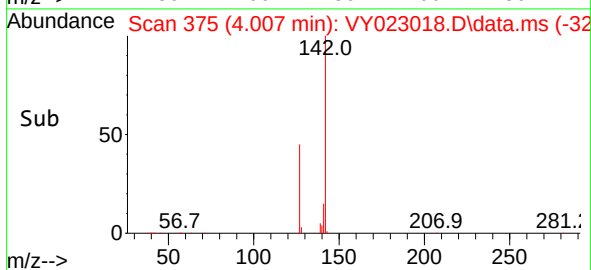
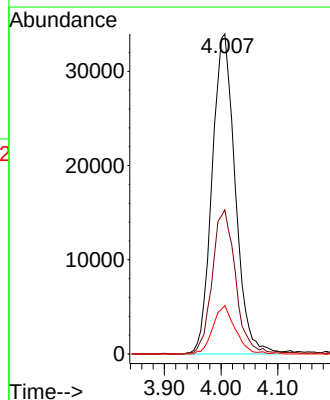
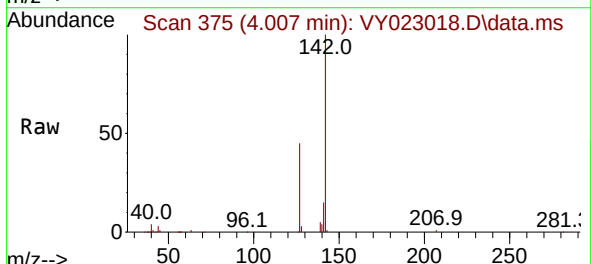
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

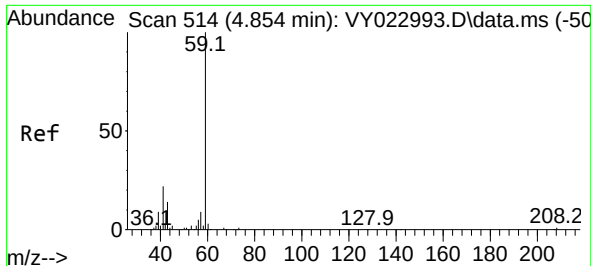
Tgt Ion:101 Resp: 97453
Ion Ratio Lower Upper
101 100
85 47.6 37.2 55.8
151 76.4 59.7 89.5



#10
Methyl Iodide
Concen: 19.678 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion:142 Resp: 96160
Ion Ratio Lower Upper
142 100
127 45.3 37.0 55.6
141 14.6 11.4 17.2

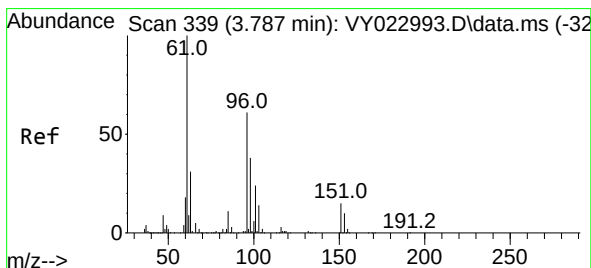
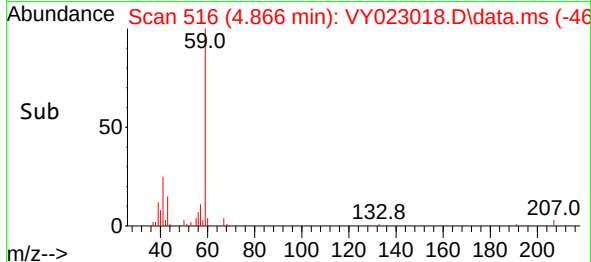
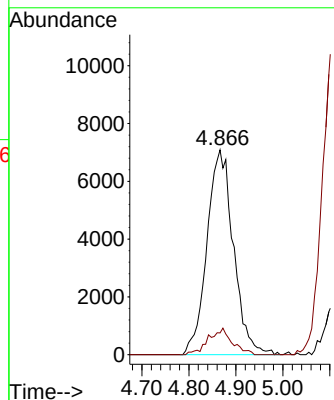
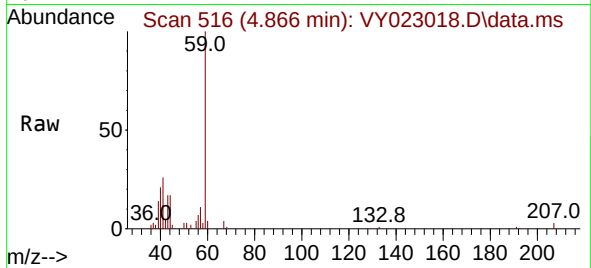




#11
Tert butyl alcohol
Concen: 107.495 ug/l
RT: 4.866 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

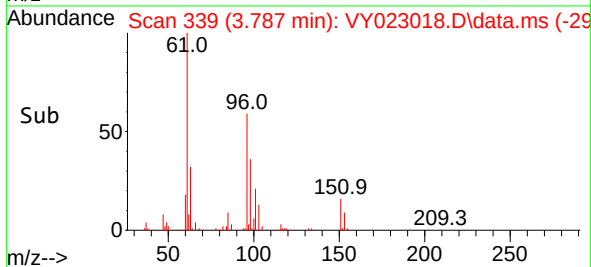
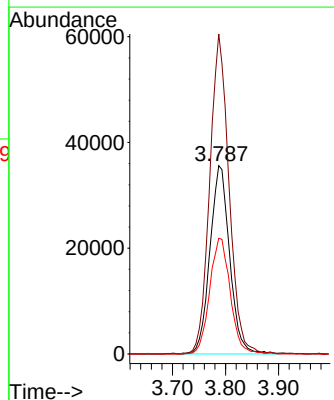
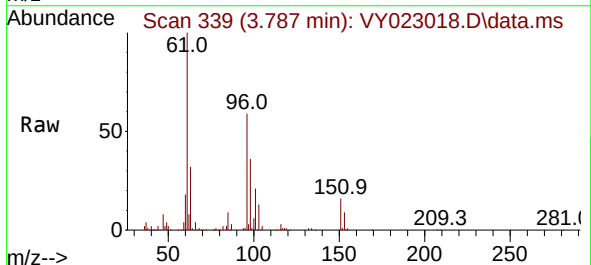
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

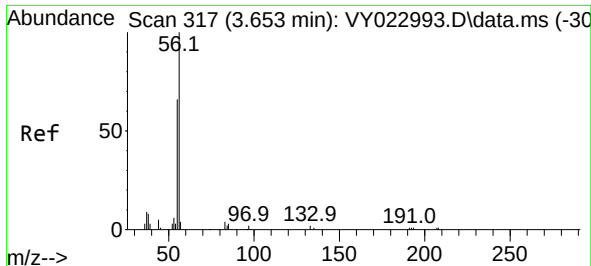
Tgt Ion: 59 Resp: 27754
Ion Ratio Lower Upper
59 100
57 11.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 20.597 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion: 96 Resp: 92298
Ion Ratio Lower Upper
96 100
61 169.9 130.4 195.6
98 61.4 49.6 74.4

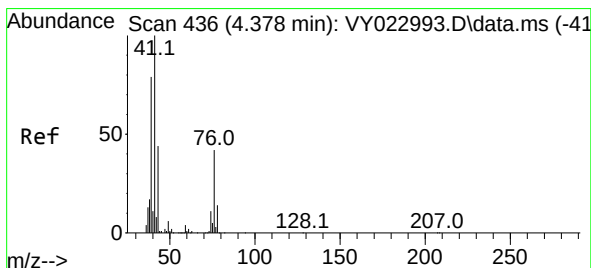
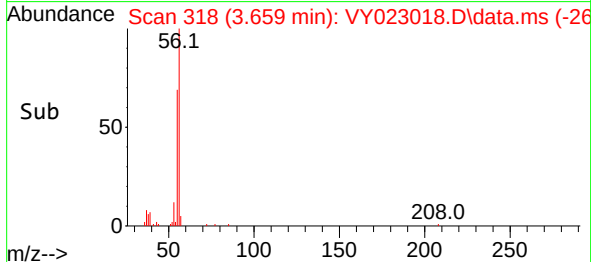
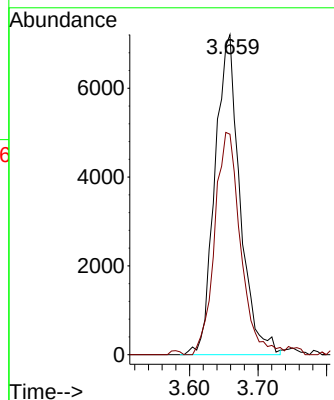
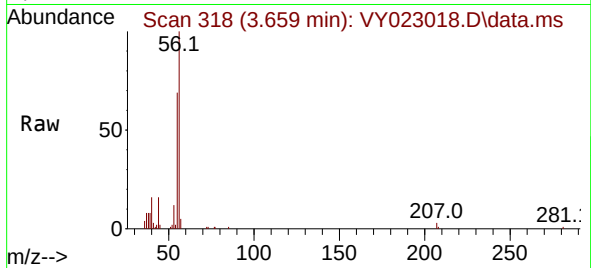




#13
Acrolein
Concen: 150.490 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

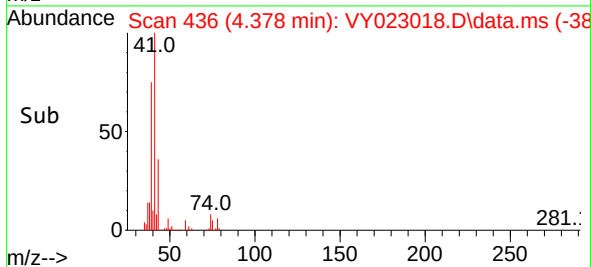
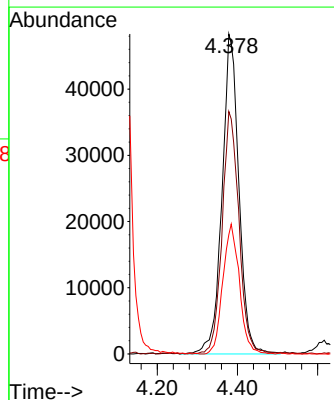
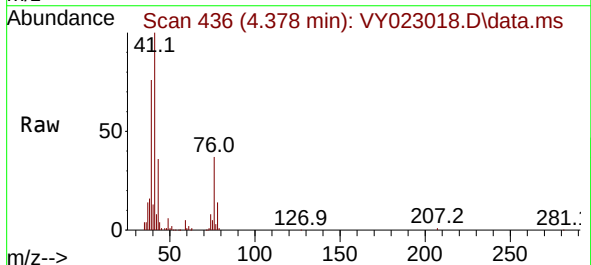
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

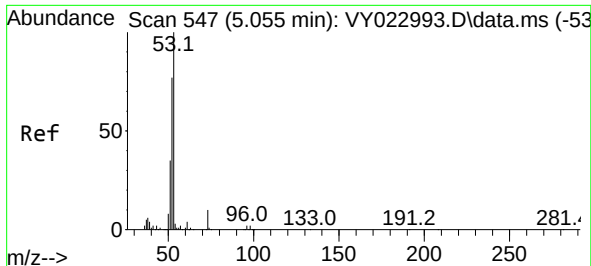
Tgt Ion: 56 Resp: 18258
Ion Ratio Lower Upper
56 100
55 72.0 57.8 86.6



#14
Allyl chloride
Concen: 20.659 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion: 41 Resp: 141040
Ion Ratio Lower Upper
41 100
39 75.2 60.1 90.1
76 39.9 32.2 48.4

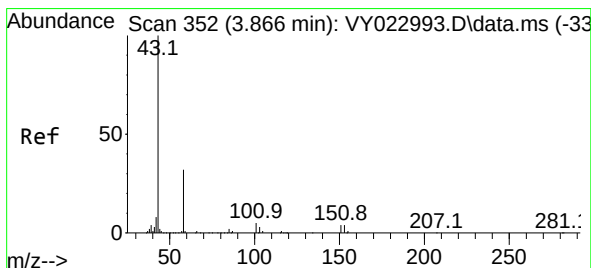
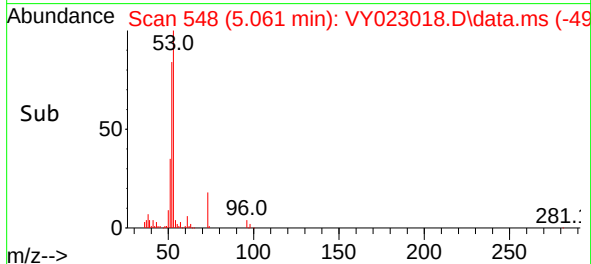
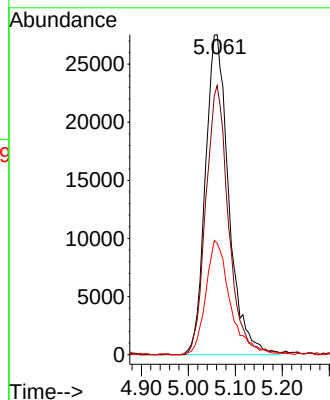
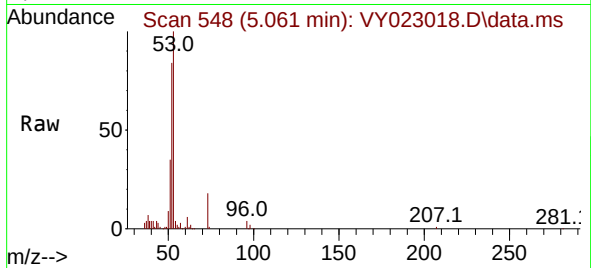




#15
Acrylonitrile
Concen: 106.975 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

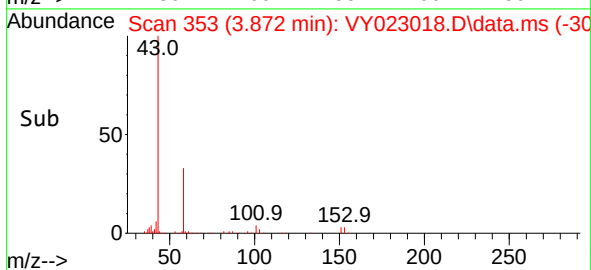
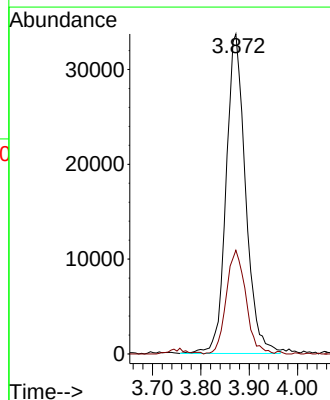
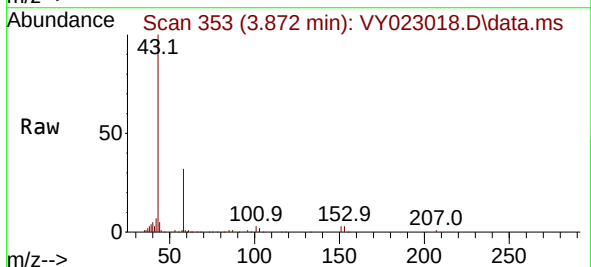
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

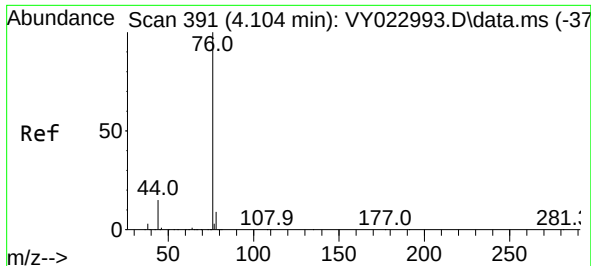
Tgt Ion: 53 Resp: 94962
Ion Ratio Lower Upper
53 100
52 81.7 65.2 97.8
51 37.4 30.3 45.5



#16
Acetone
Concen: 121.580 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion: 43 Resp: 94087
Ion Ratio Lower Upper
43 100
58 31.7 26.2 39.4

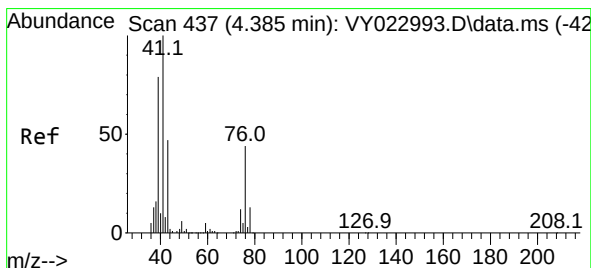
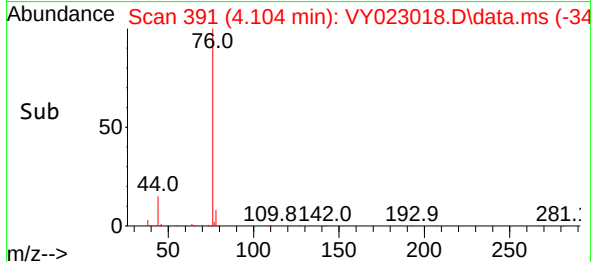
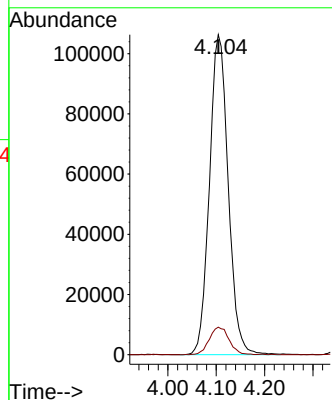
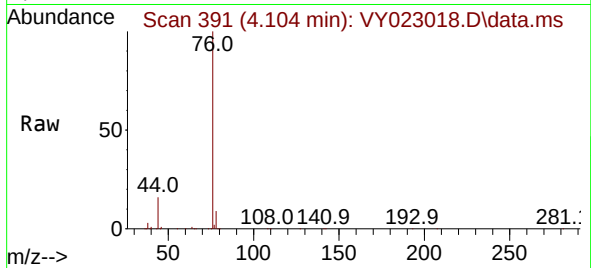




#17
Carbon Disulfide
Concen: 21.094 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

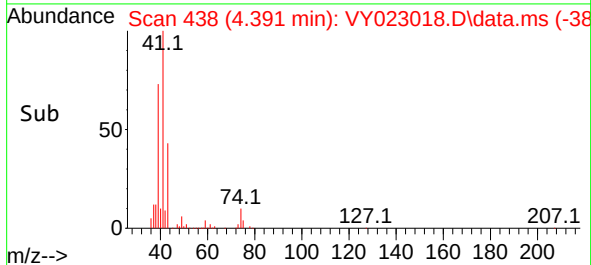
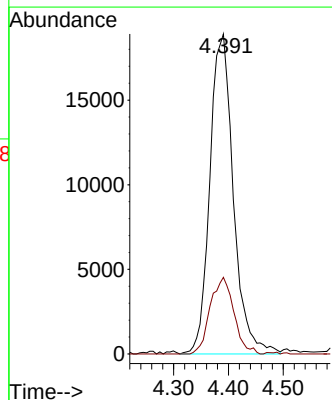
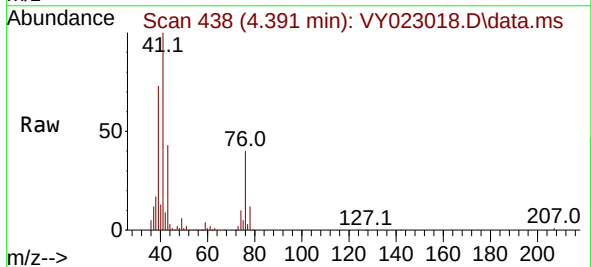
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

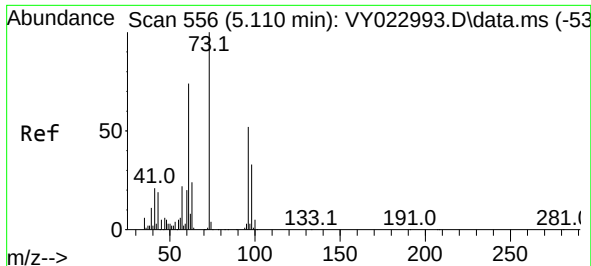
Tgt Ion: 76 Resp: 286478
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 21.499 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion: 43 Resp: 56327
Ion Ratio Lower Upper
43 100
74 24.1 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 21.078 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

Instrument :

MSVOA_Y

ClientSampleId :

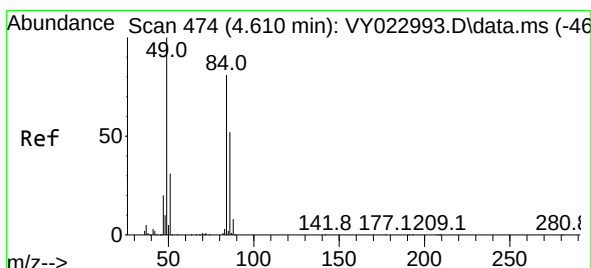
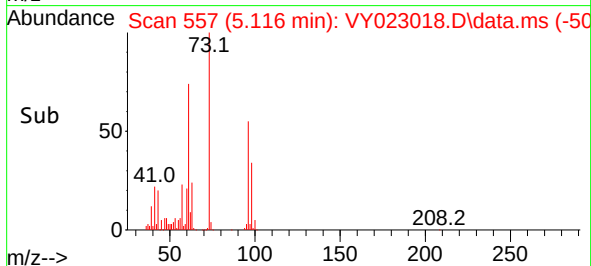
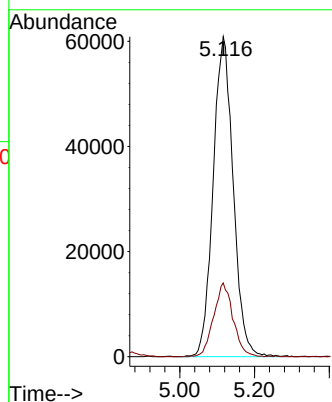
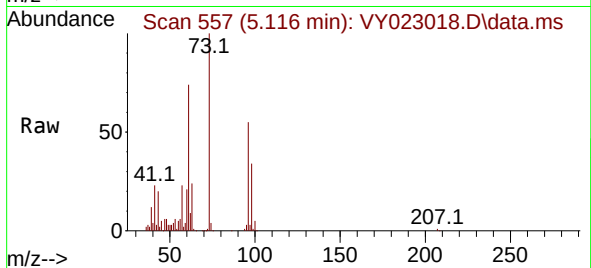
VY0721SBS01

Tgt Ion: 73 Resp: 226552

Ion Ratio Lower Upper

73 100

57 23.0 17.4 26.2



#20

Methylene Chloride

Concen: 20.471 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

Tgt Ion: 84 Resp: 138217

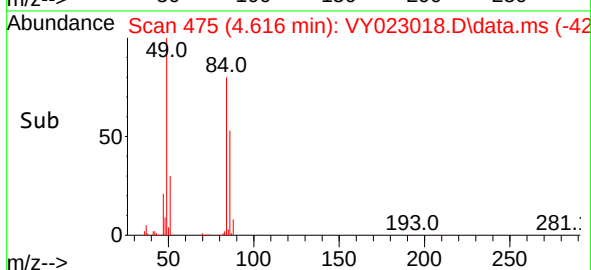
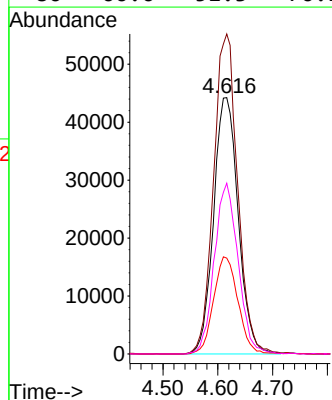
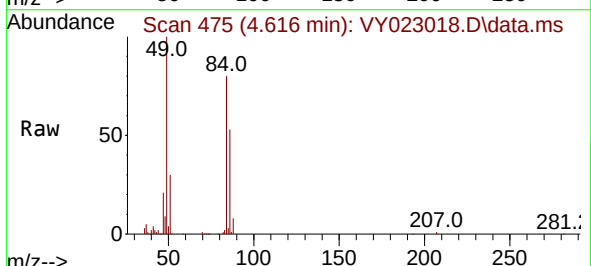
Ion Ratio Lower Upper

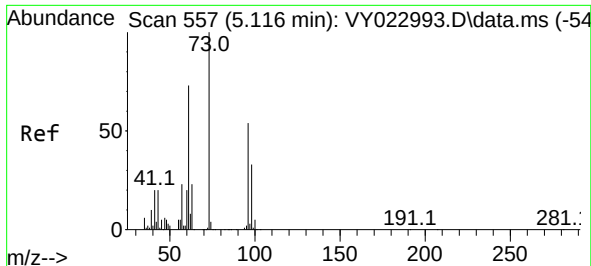
84 100

49 124.8 98.2 147.4

51 37.4 30.5 45.7

86 66.6 51.3 76.9

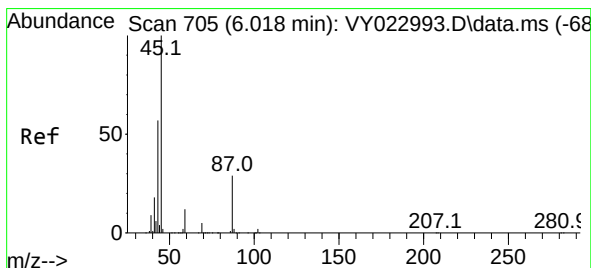
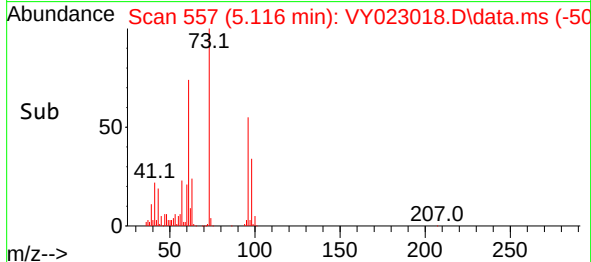
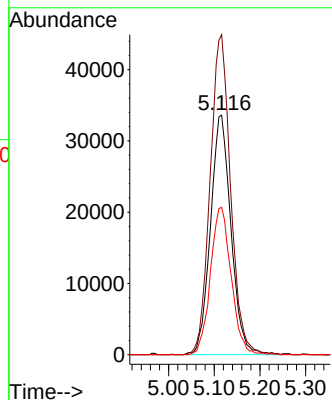
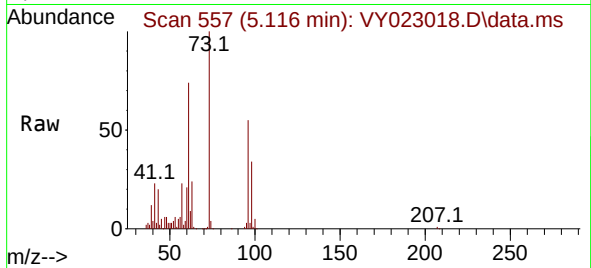




#21
trans-1,2-Dichloroethene
Concen: 21.053 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

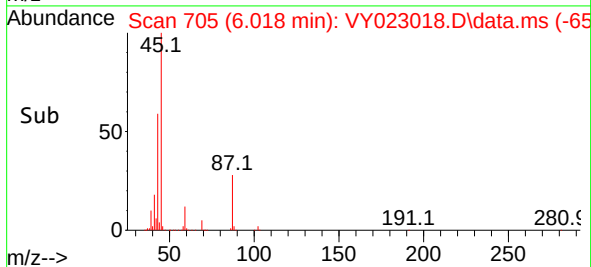
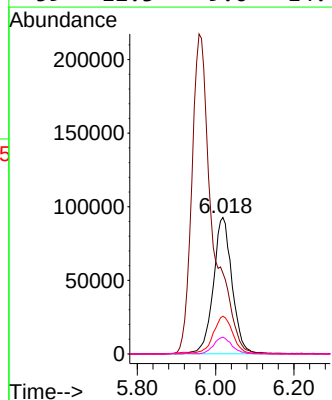
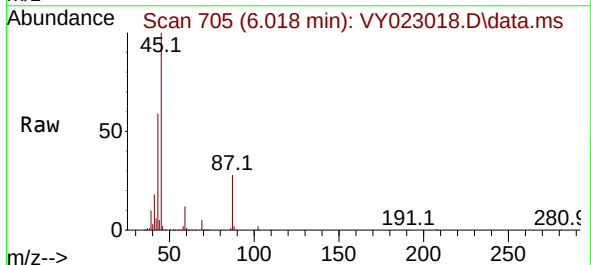
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

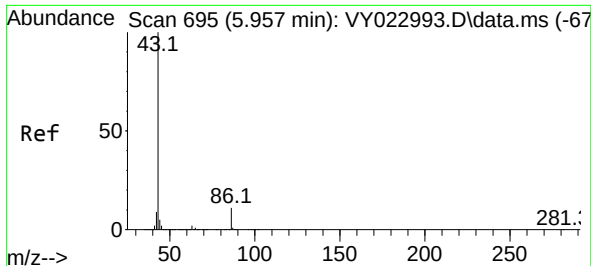
Tgt Ion: 96 Resp: 105018
Ion Ratio Lower Upper
96 100
61 133.6 107.4 161.2
98 61.5 49.3 73.9



#22
Diisopropyl ether
Concen: 21.199 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion: 45 Resp: 307028
Ion Ratio Lower Upper
45 100
43 58.8 45.3 67.9
87 27.7 23.3 34.9
59 12.3 9.6 14.4

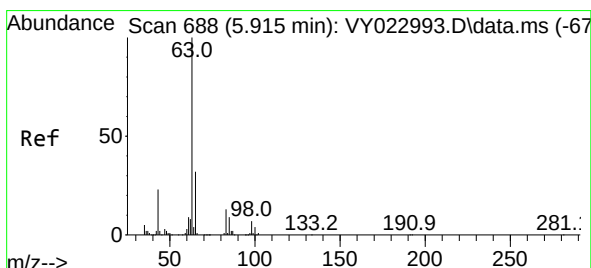
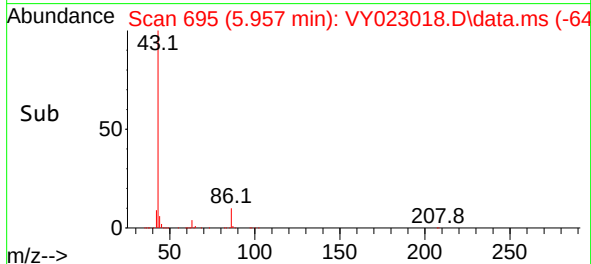
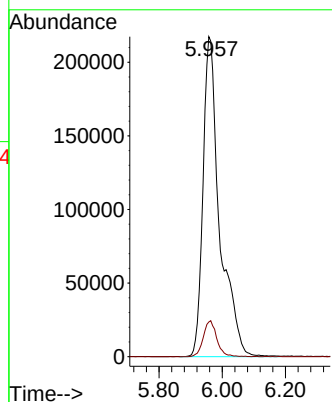
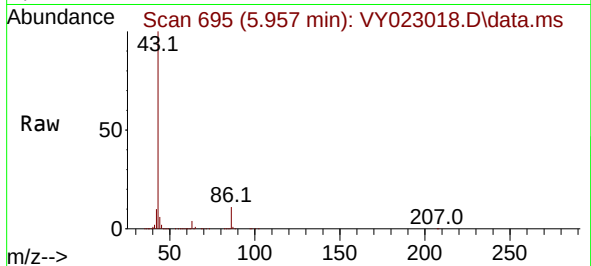




#23
 Vinyl Acetate
 Concen: 109.159 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY023018.D
 Acq: 21 Jul 2025 11:36

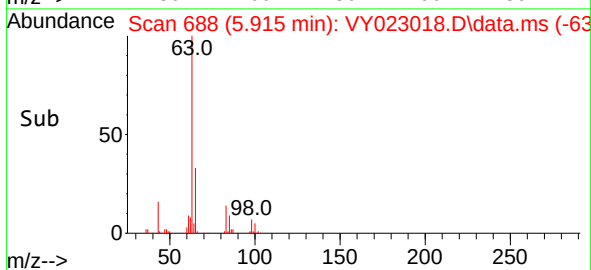
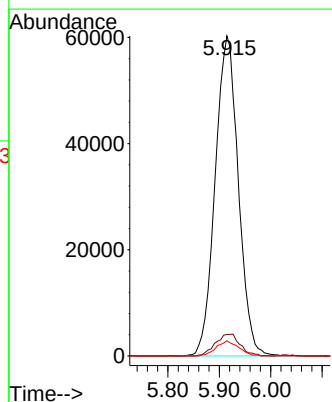
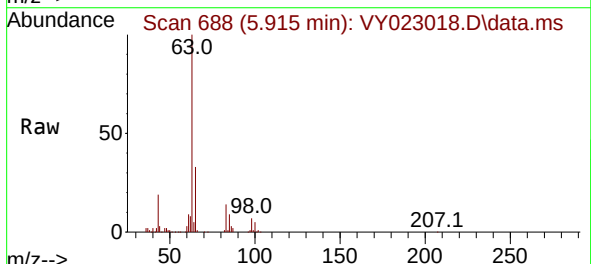
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBSD01

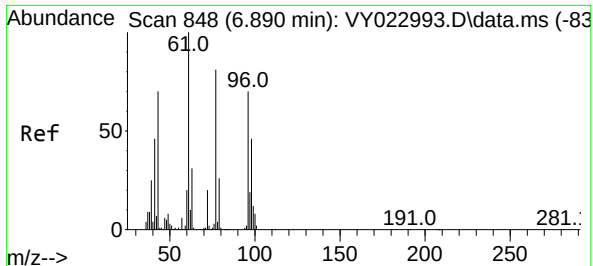
Tgt Ion: 43 Resp: 796609
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 20.739 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY023018.D
 Acq: 21 Jul 2025 11:36

Tgt Ion: 63 Resp: 188662
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.8 2.1 6.2





#25

2-Butanone

Concen: 115.946 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

Instrument :

MSVOA_Y

ClientSampleId :

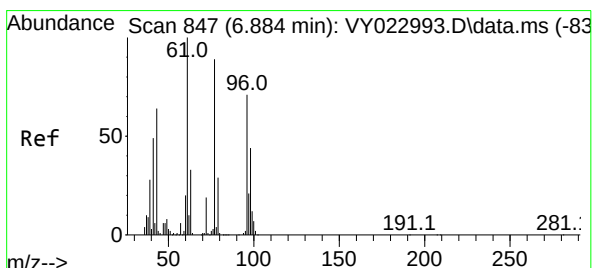
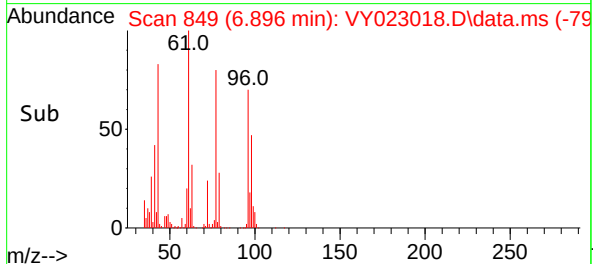
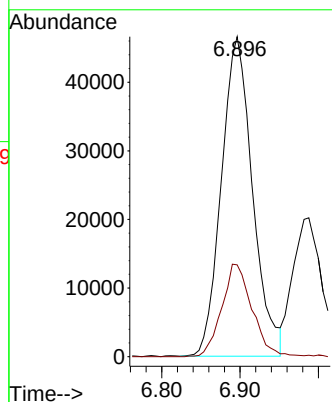
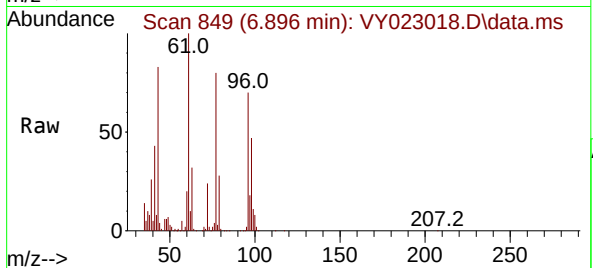
VY0721SBS01

Tgt Ion: 43 Resp: 128721

Ion Ratio Lower Upper

43 100

72 28.7 22.9 34.3



#26

2,2-Dichloropropane

Concen: 20.749 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY023018.D

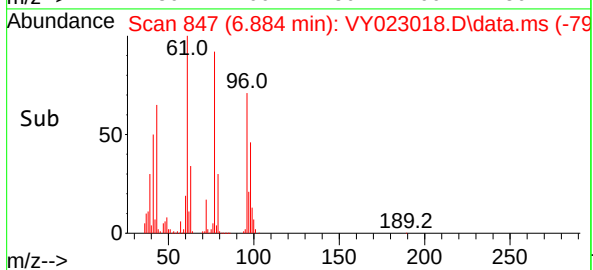
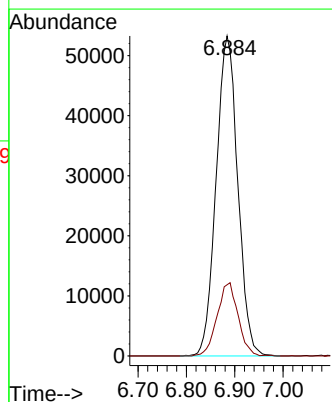
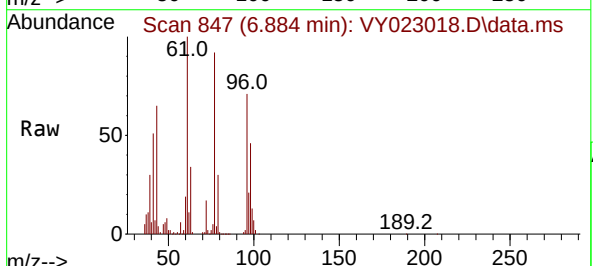
Acq: 21 Jul 2025 11:36

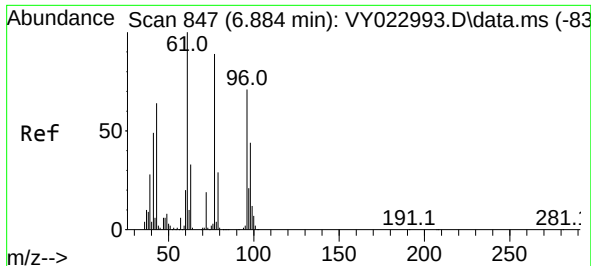
Tgt Ion: 77 Resp: 165426

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 20.831 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBSD01

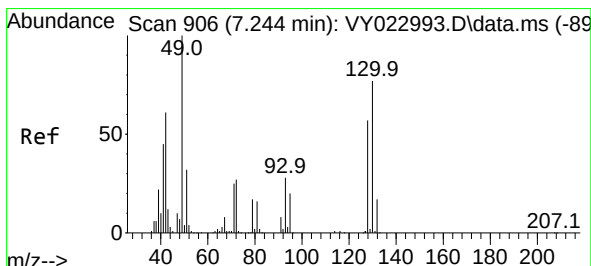
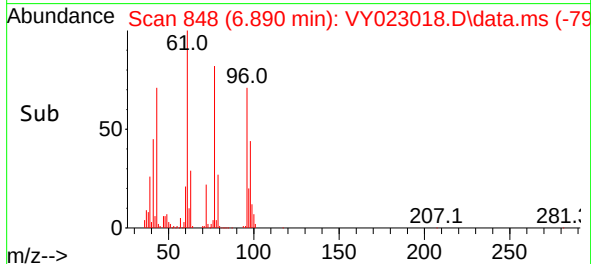
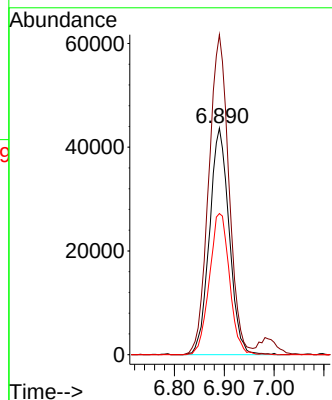
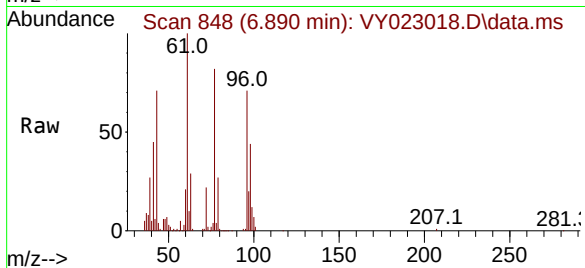
Tgt Ion: 96 Resp: 119752

Ion Ratio Lower Upper

96 100

61 144.6 0.0 286.2

98 63.6 0.0 127.4



#28

Bromochloromethane

Concen: 21.643 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

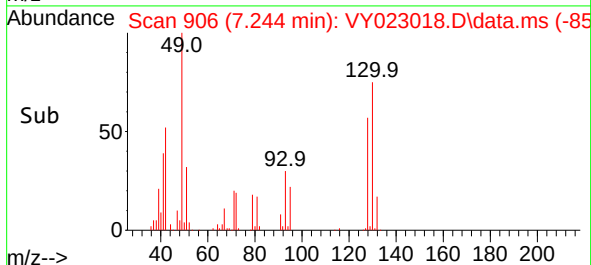
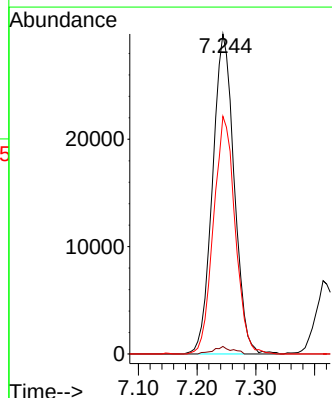
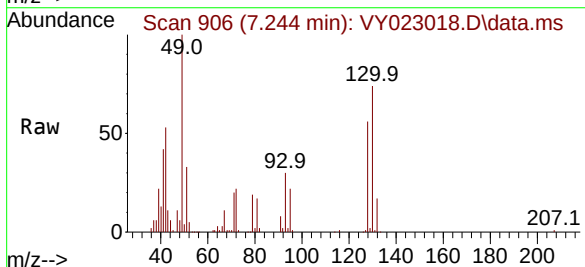
Tgt Ion: 49 Resp: 76365

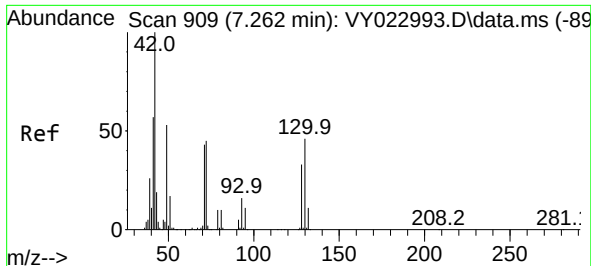
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

130 74.2 61.8 92.8





#29

Tetrahydrofuran

Concen: 111.346 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

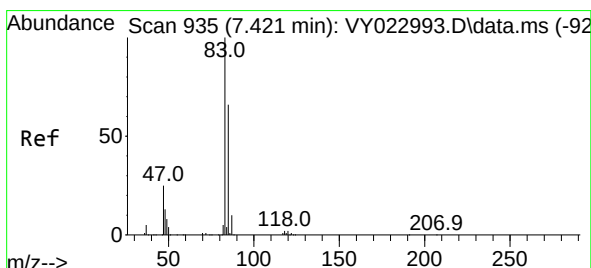
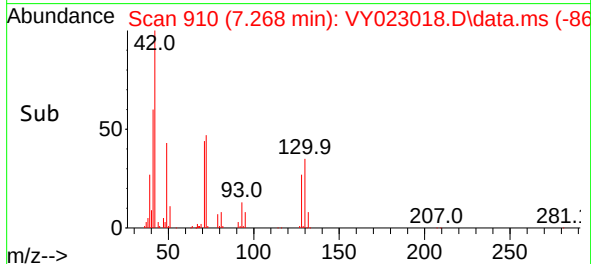
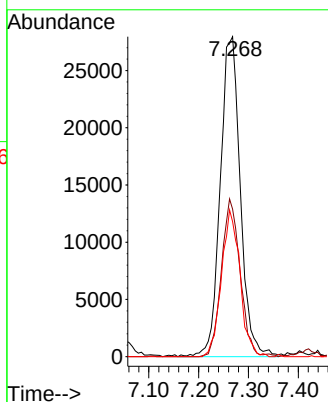
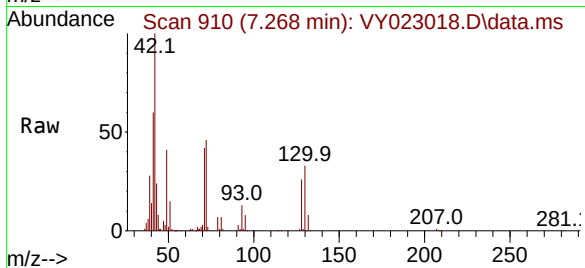
Tgt Ion: 42 Resp: 78263

Ion Ratio Lower Upper

42 100

72 45.6 37.5 56.3

71 42.3 34.2 51.4



#30

Chloroform

Concen: 20.849 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY023018.D

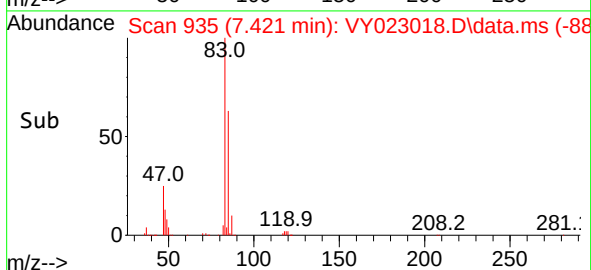
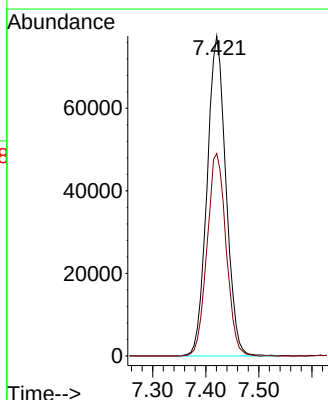
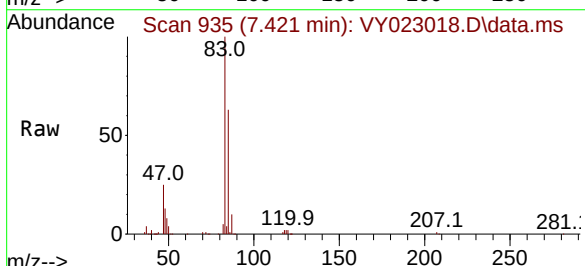
Acq: 21 Jul 2025 11:36

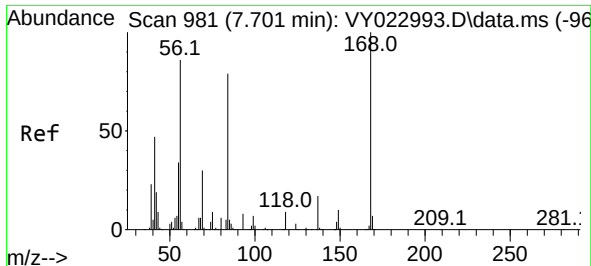
Tgt Ion: 83 Resp: 191330

Ion Ratio Lower Upper

83 100

85 63.3 52.6 78.8

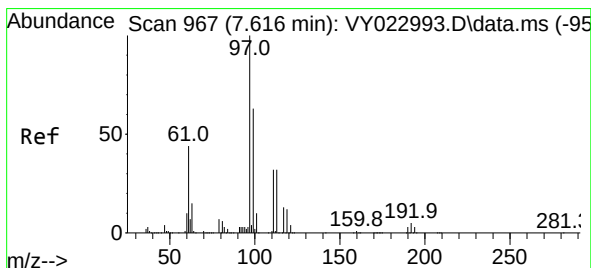
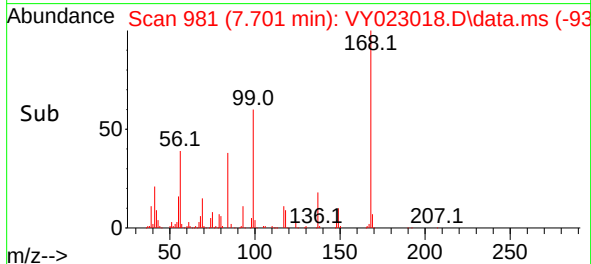
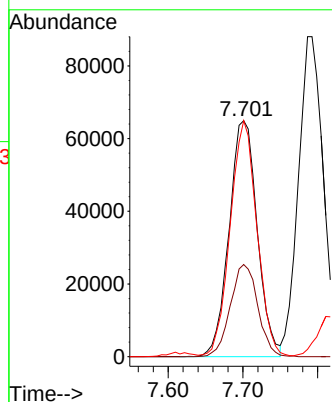
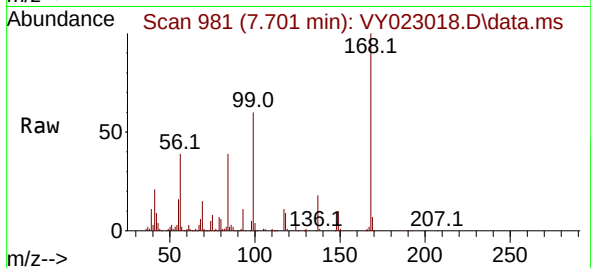




#31
Cyclohexane
Concen: 20.011 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

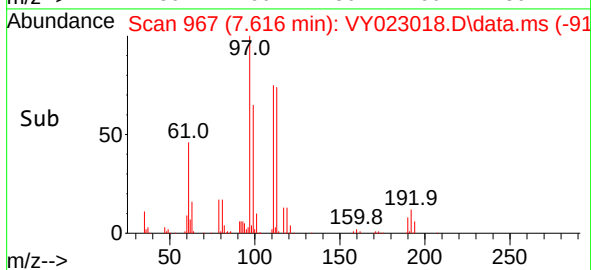
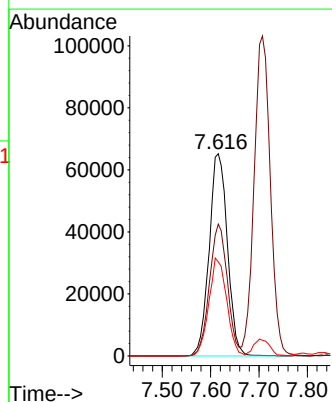
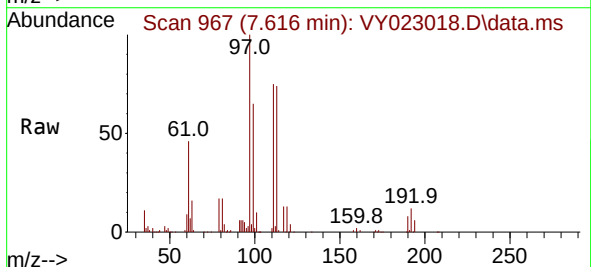
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

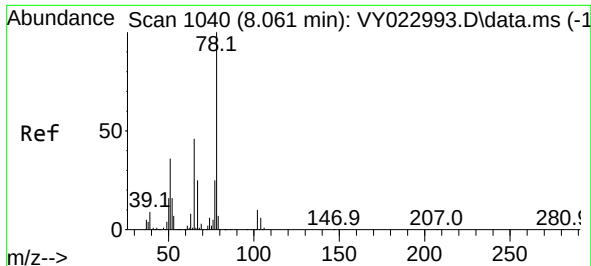
Tgt Ion: 56 Resp: 170093
Ion Ratio Lower Upper
56 100
69 39.1 28.1 42.1
84 98.9 73.5 110.3



#32
1,1,1-Trichloroethane
Concen: 20.531 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion: 97 Resp: 170957
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 47.3 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 50.494 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

Instrument :

MSVOA_Y

ClientSampleId :

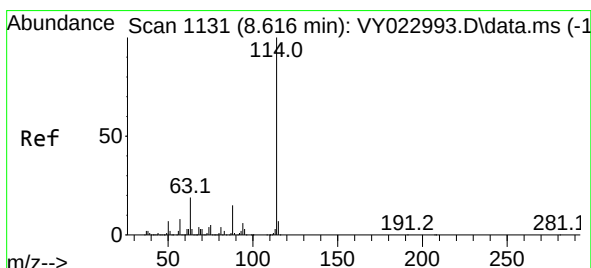
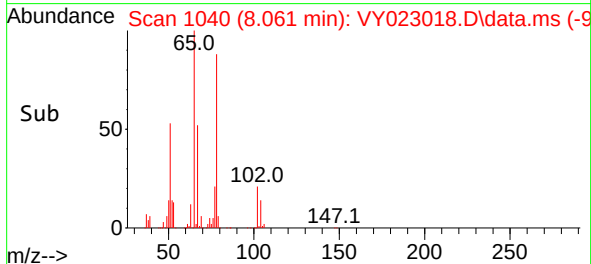
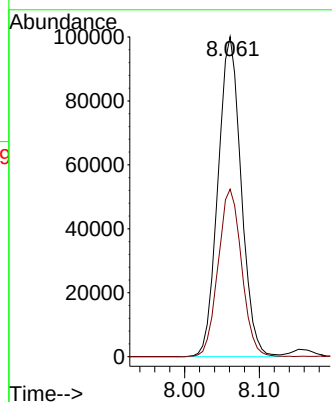
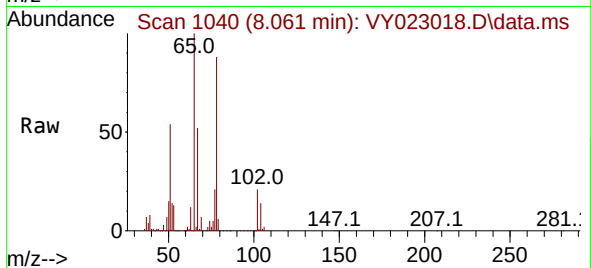
VY0721SBSD01

Tgt Ion: 65 Resp: 215569

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

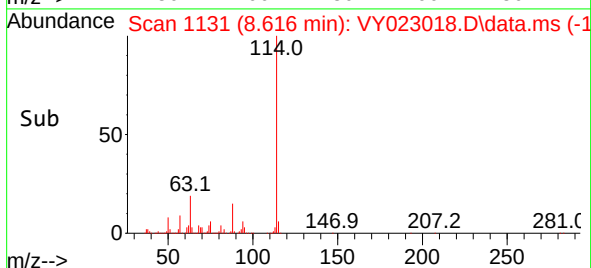
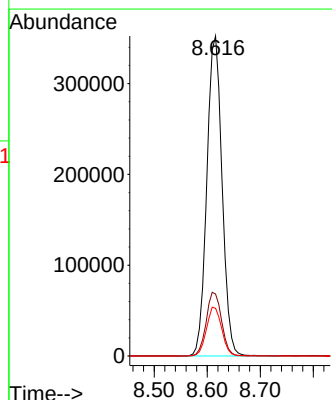
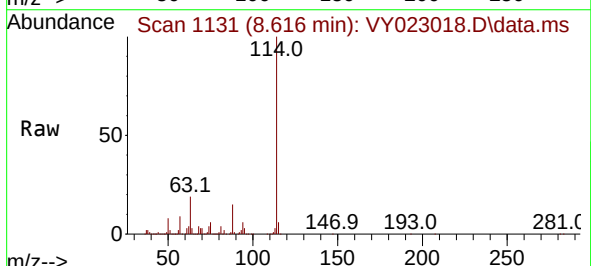
Tgt Ion: 114 Resp: 701669

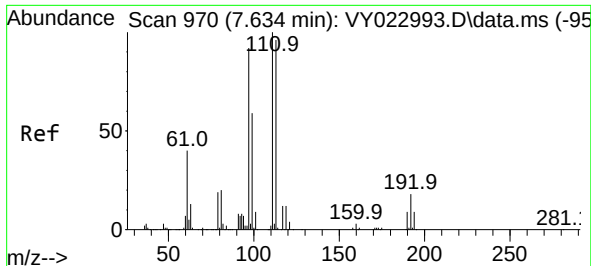
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

88 14.9 0.0 30.2

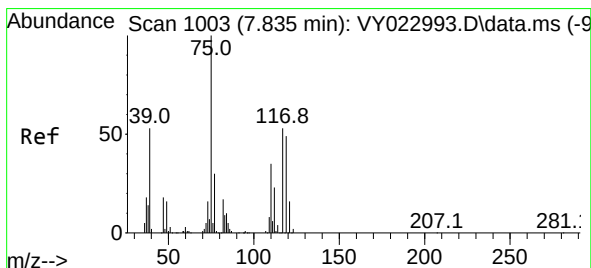
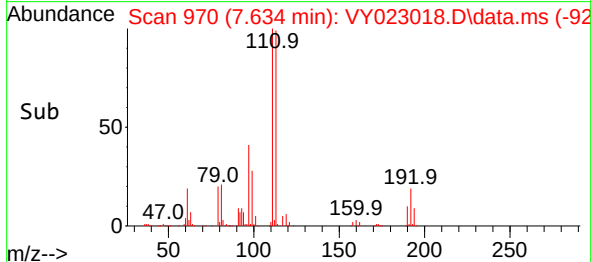
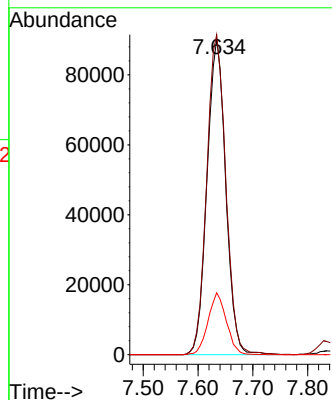
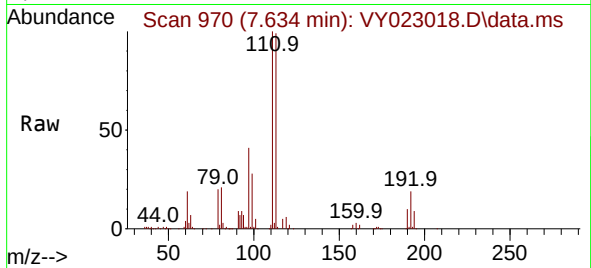




#35
Dibromofluoromethane
Concen: 47.839 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

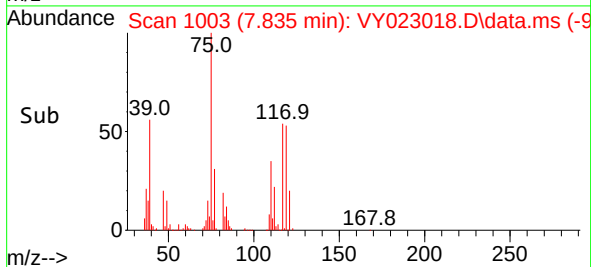
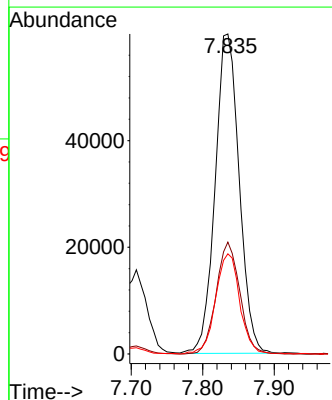
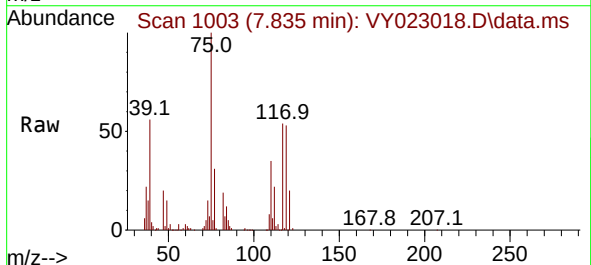
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

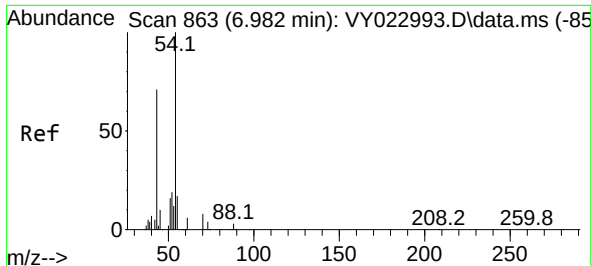
Tgt Ion:113 Resp: 212929
Ion Ratio Lower Upper
113 100
111 103.6 83.2 124.8
192 19.3 15.3 22.9



#36
1,1-Dichloropropene
Concen: 19.973 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion: 75 Resp: 140031
Ion Ratio Lower Upper
75 100
110 34.3 17.3 51.9
77 31.6 24.6 37.0





#37

Ethyl Acetate

Concen: 20.622 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

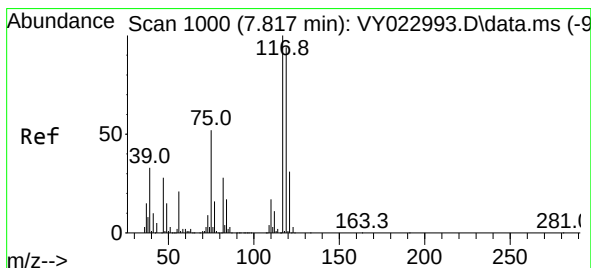
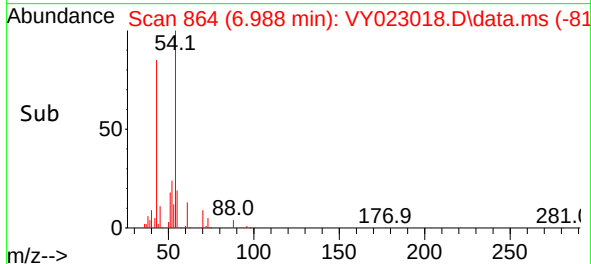
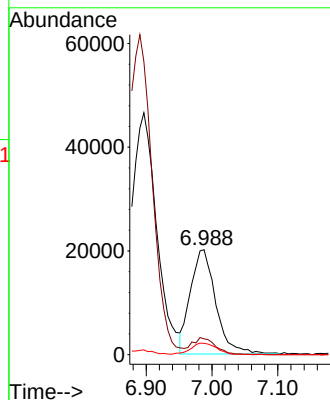
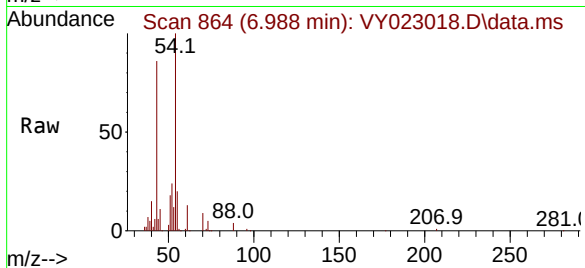
Tgt Ion: 43 Resp: 53696

Ion Ratio Lower Upper

43 100

61 14.5 11.6 17.4

70 11.5 8.5 12.7



#38

Carbon Tetrachloride

Concen: 19.723 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

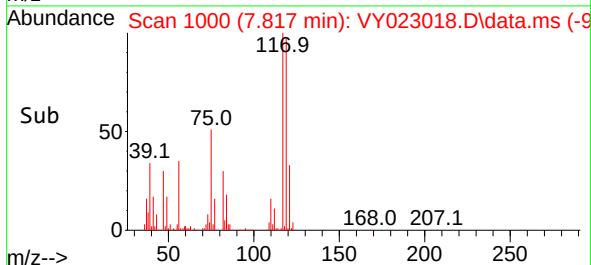
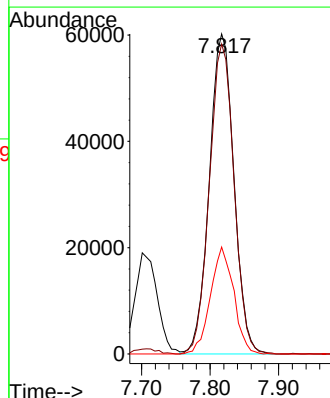
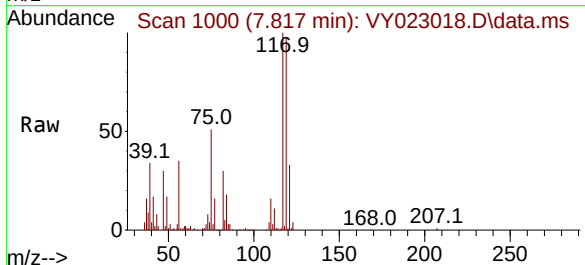
Tgt Ion: 117 Resp: 150226

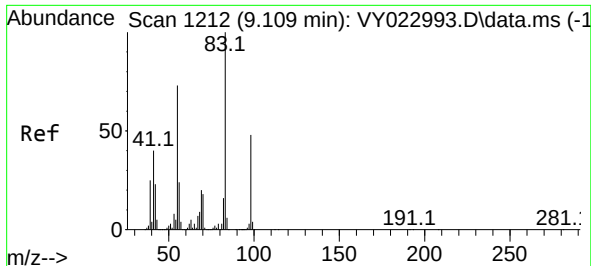
Ion Ratio Lower Upper

117 100

119 96.8 74.9 112.3

121 33.4 24.6 37.0





#39

Methylcyclohexane

Concen: 19.446 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBSD01

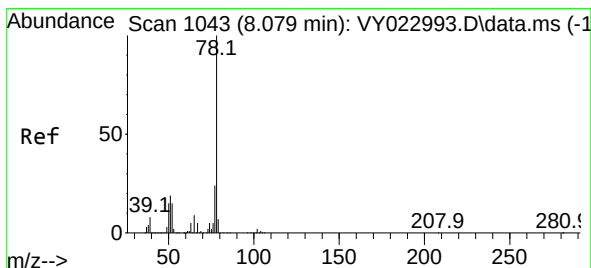
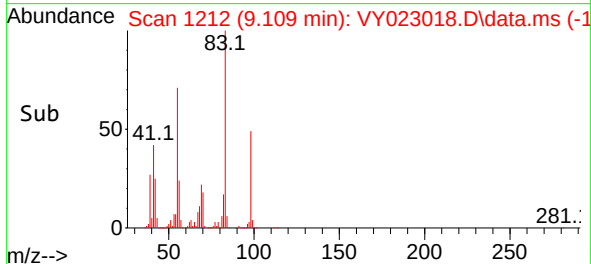
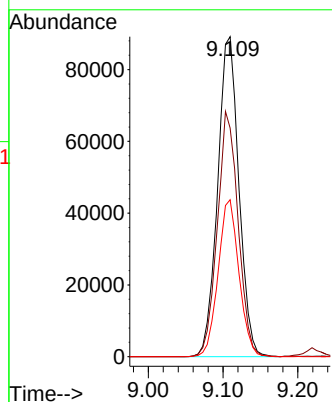
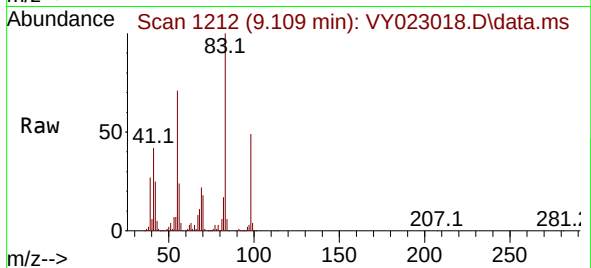
Tgt Ion: 83 Resp: 176462

Ion Ratio Lower Upper

83 100

55 71.5 58.1 87.1

98 49.1 38.5 57.7



#40

Benzene

Concen: 20.179 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023018.D

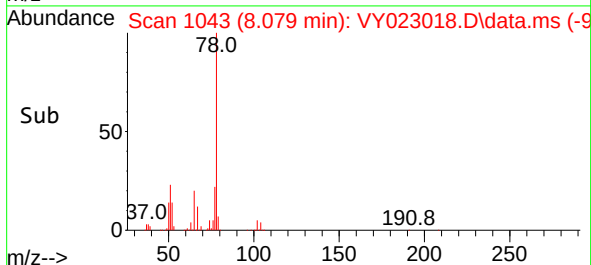
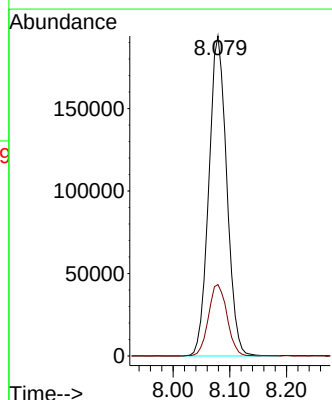
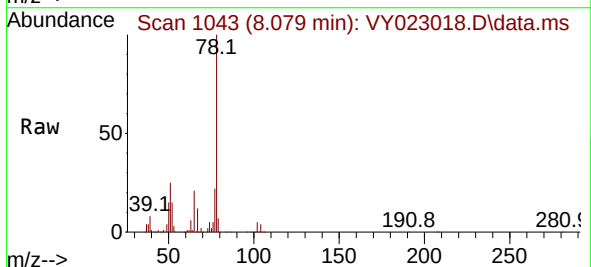
Acq: 21 Jul 2025 11:36

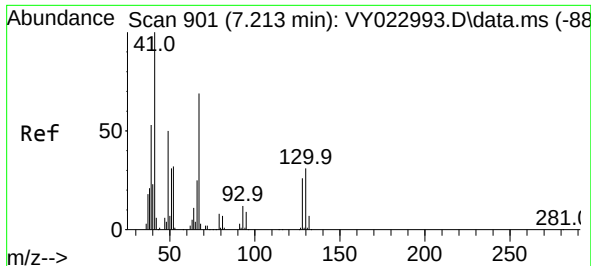
Tgt Ion: 78 Resp: 425961

Ion Ratio Lower Upper

78 100

77 22.3 19.0 28.4

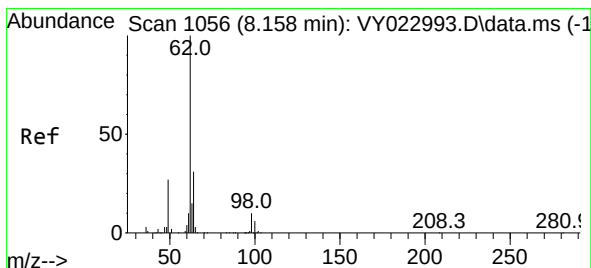
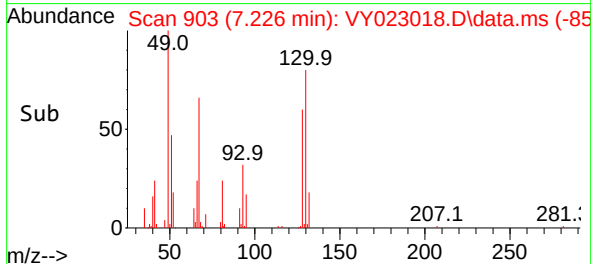
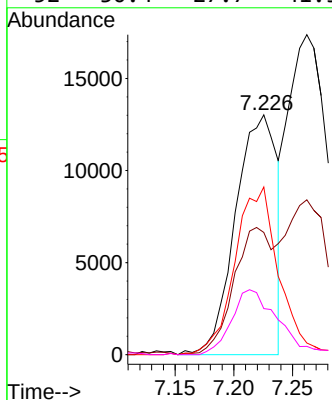
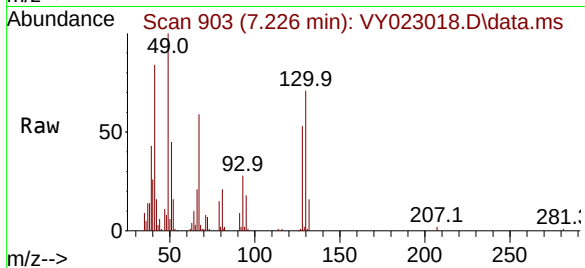




#41
Methacrylonitrile
Concen: 22.460 ug/l
RT: 7.226 min Scan# 901
Delta R.T. 0.012 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

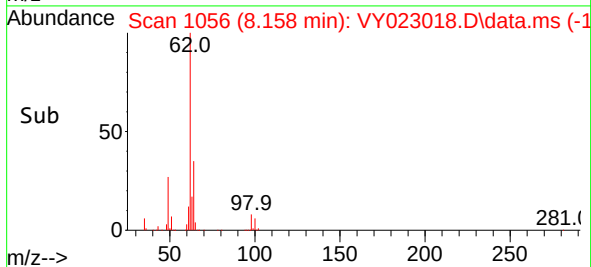
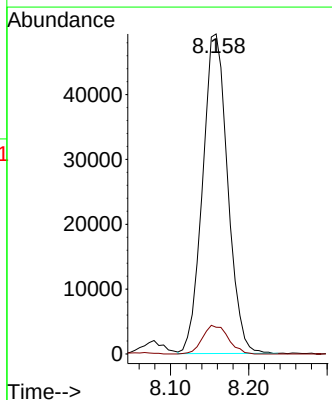
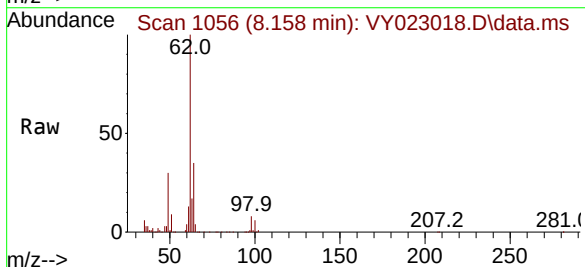
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

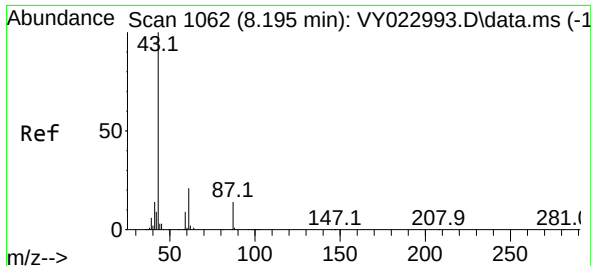
Tgt Ion:	41	Resp:	31858
Ion	Ratio	Lower	Upper
41	100		
39	47.3	50.0	75.0#
67	75.0	65.4	98.2
52	30.4	27.7	41.5



#42
1,2-Dichloroethane
Concen: 20.873 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion:	62	Resp:	109621
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.0

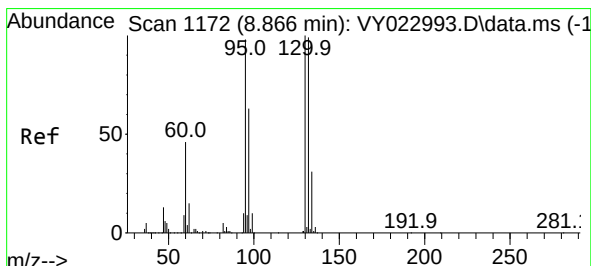
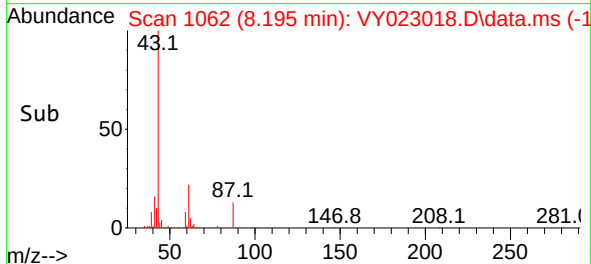
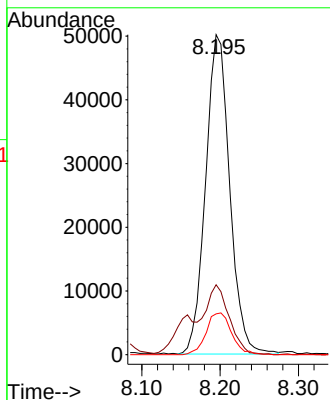
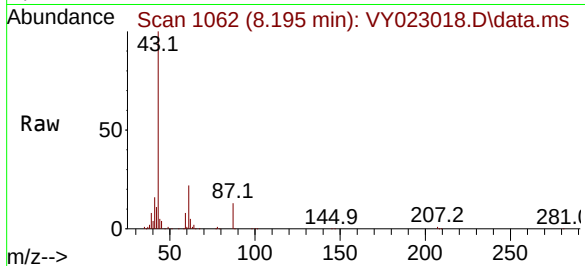




#43
Isopropyl Acetate
Concen: 20.770 ug/l
RT: 8.195 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

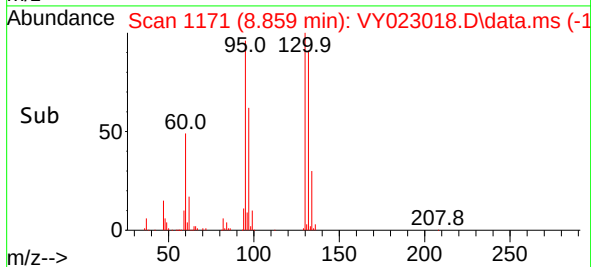
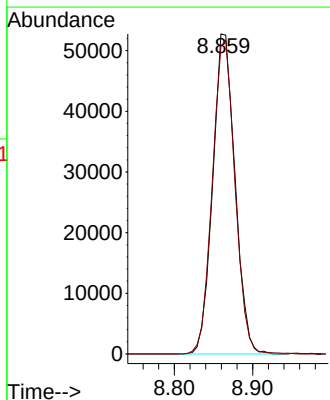
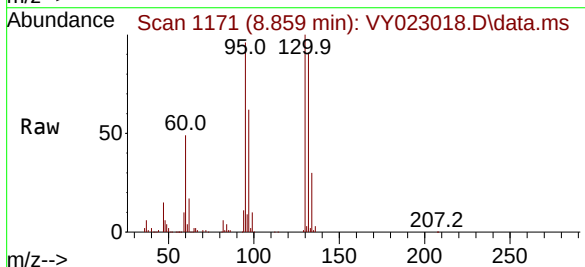
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

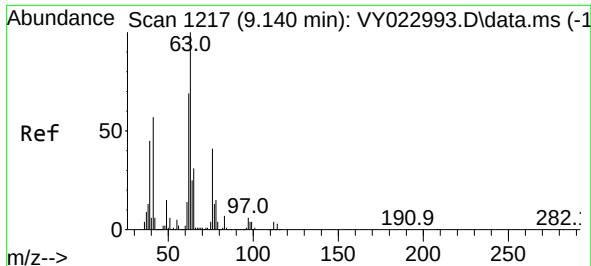
Tgt Ion: 43 Resp: 107425
Ion Ratio Lower Upper
43 100
61 21.6 25.0 37.4#
87 13.8 11.1 16.7



#44
Trichloroethene
Concen: 19.232 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion:130 Resp: 104274
Ion Ratio Lower Upper
130 100
95 96.1 0.0 195.8





#45

1,2-Dichloropropane

Concen: 20.417 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

Instrument :

MSVOA_Y

ClientSampleId :

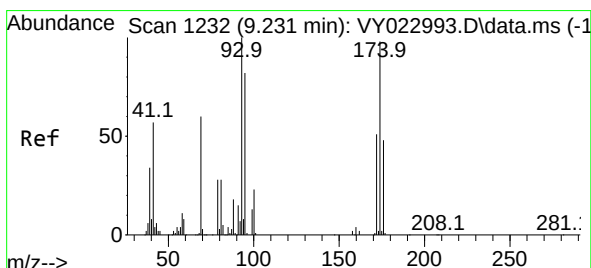
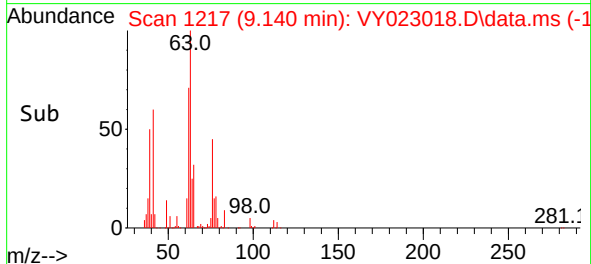
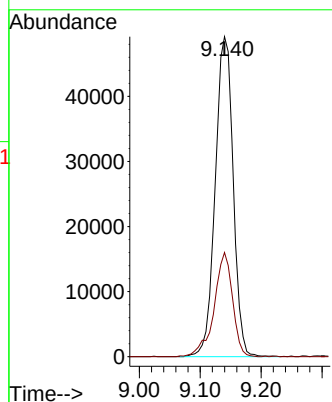
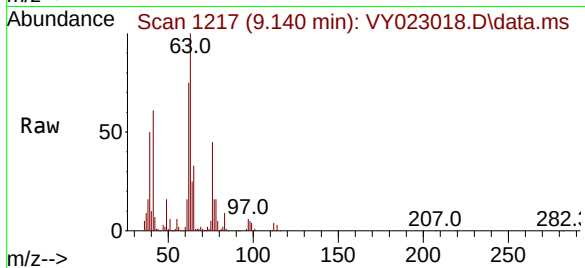
VY0721SBS01

Tgt Ion: 63 Resp: 100649

Ion Ratio Lower Upper

63 100

65 32.6 24.6 37.0



#46

Dibromomethane

Concen: 20.891 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

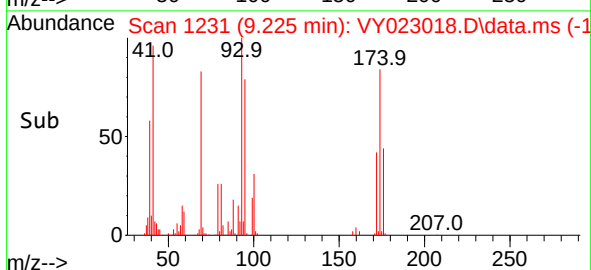
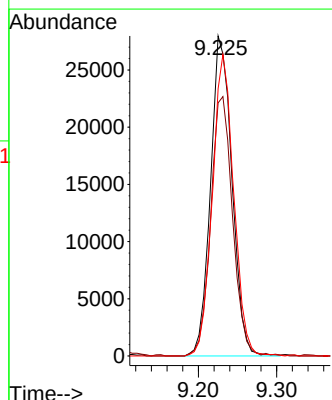
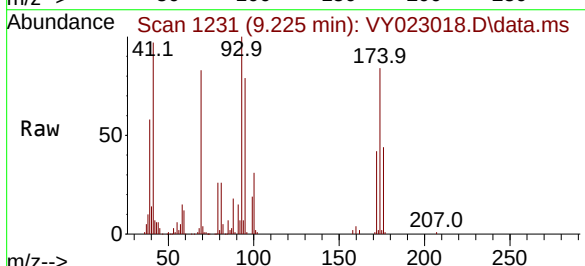
Tgt Ion: 93 Resp: 53231

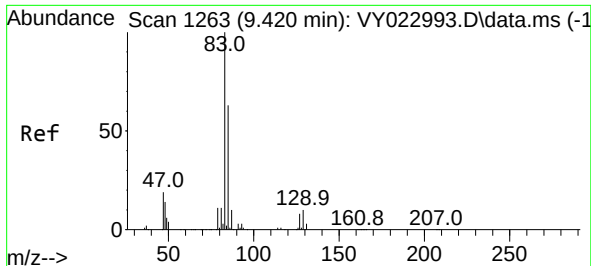
Ion Ratio Lower Upper

93 100

95 82.3 65.9 98.9

174 94.0 76.4 114.6

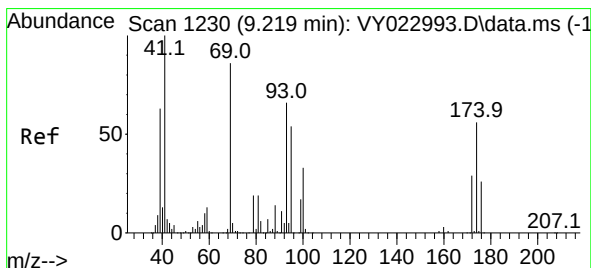
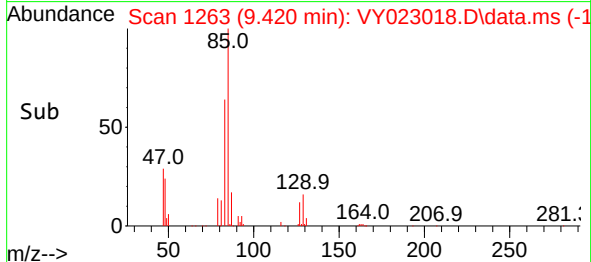
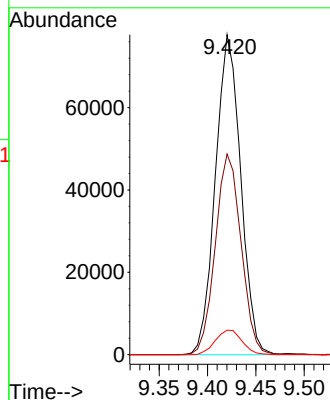
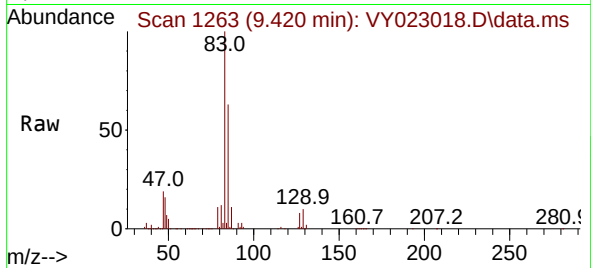




#47
Bromodichloromethane
Concen: 20.096 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

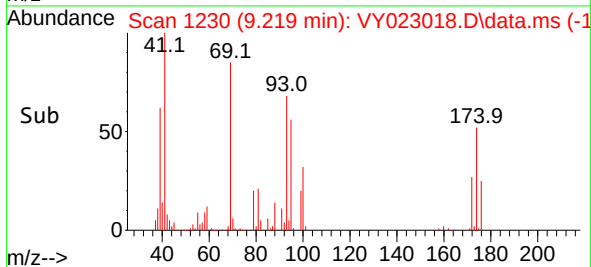
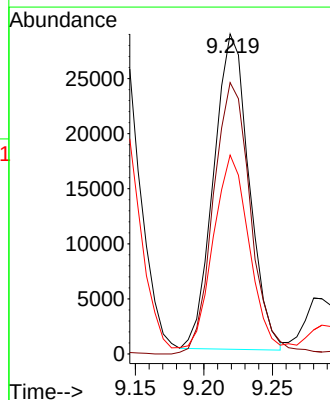
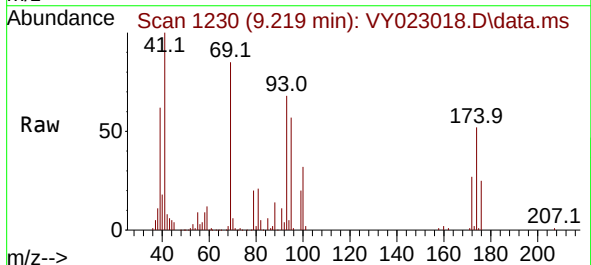
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

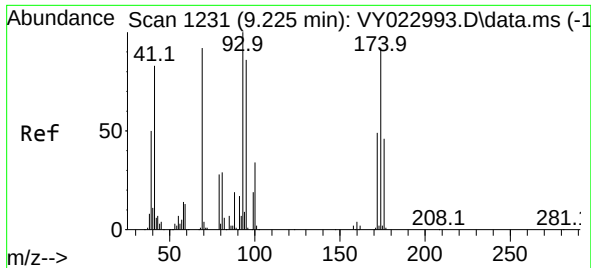
Tgt Ion: 83 Resp: 141545
Ion Ratio Lower Upper
83 100
85 62.7 50.6 75.8
127 7.6 6.5 9.7



#48
Methyl methacrylate
Concen: 20.622 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion: 41 Resp: 51494
Ion Ratio Lower Upper
41 100
69 91.0 71.4 107.0
39 61.5 47.8 71.8

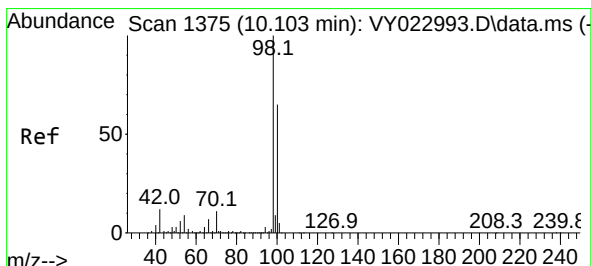
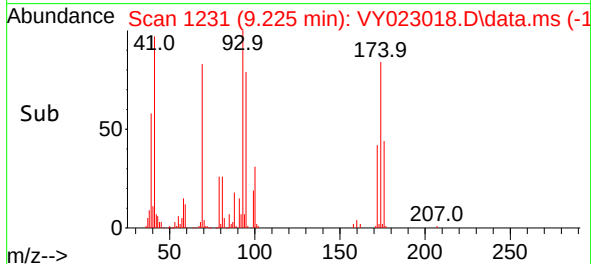
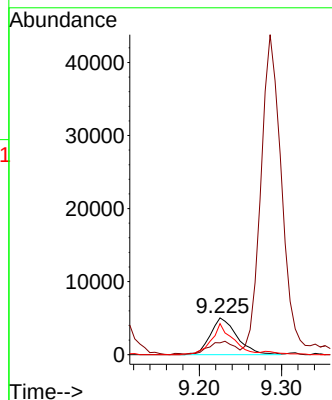
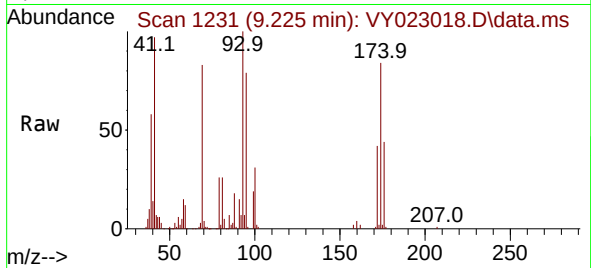




#49
1,4-Dioxane
Concen: 423.289 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

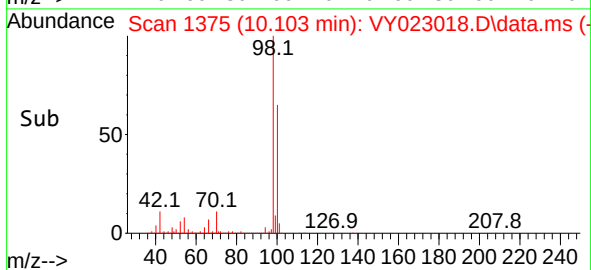
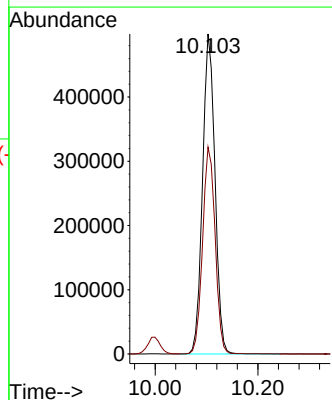
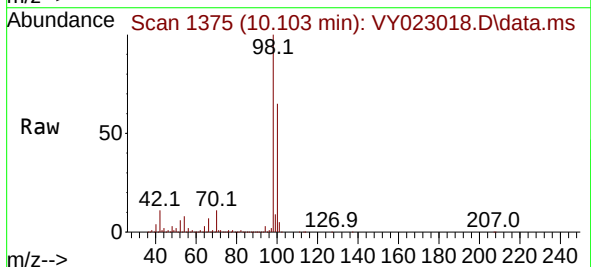
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

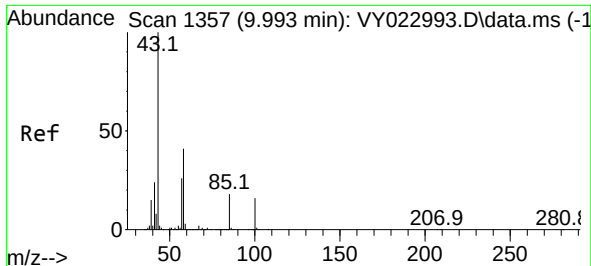
Tgt Ion: 88 Resp: 11369
Ion Ratio Lower Upper
88 100
43 32.7 28.7 43.1
58 67.0 59.8 89.6



#50
Toluene-d8
Concen: 47.230 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion: 98 Resp: 833649
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2

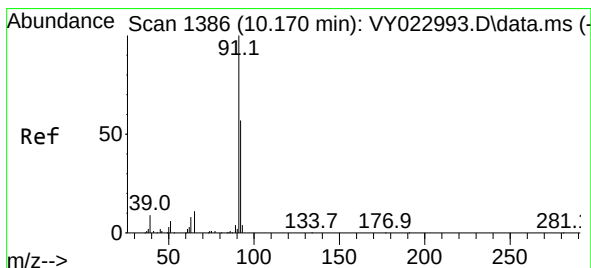
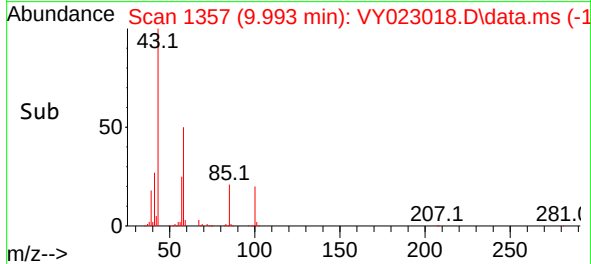
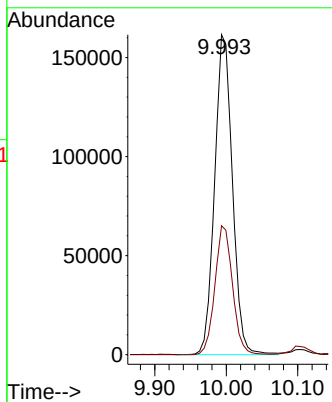
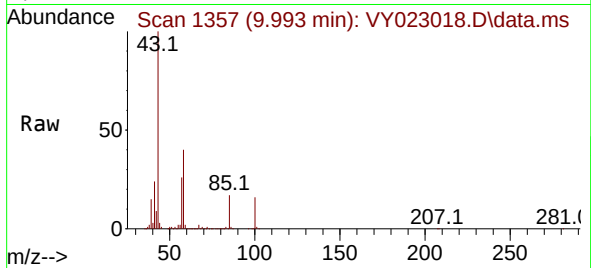




#51
4-Methyl-2-Pentanone
Concen: 106.444 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

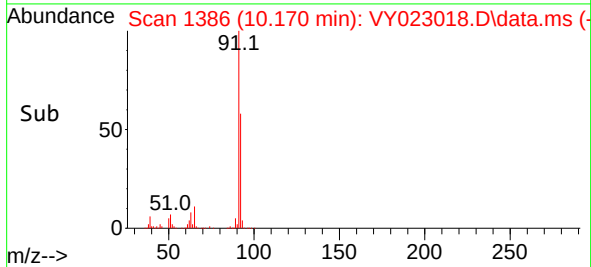
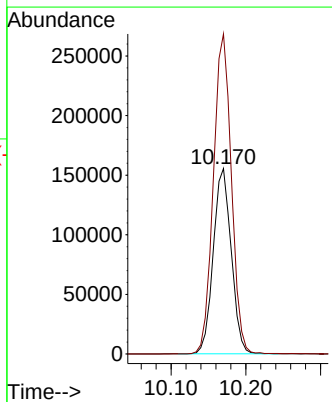
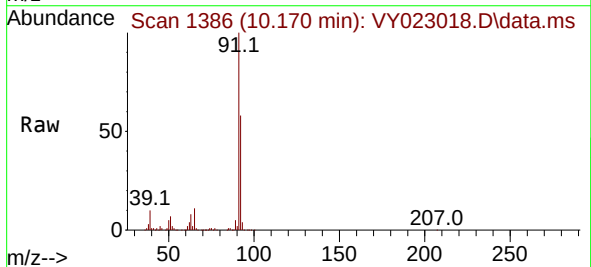
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

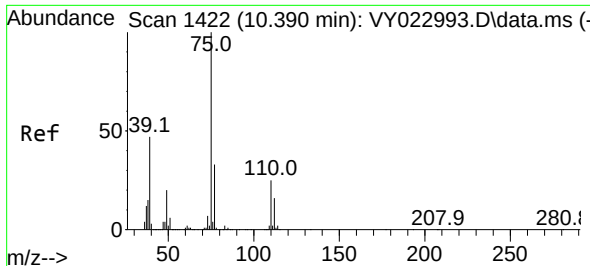
Tgt Ion: 43 Resp: 279440
Ion Ratio Lower Upper
43 100
58 39.9 32.5 48.7



#52
Toluene
Concen: 19.821 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion: 92 Resp: 260141
Ion Ratio Lower Upper
92 100
91 173.3 137.8 206.6

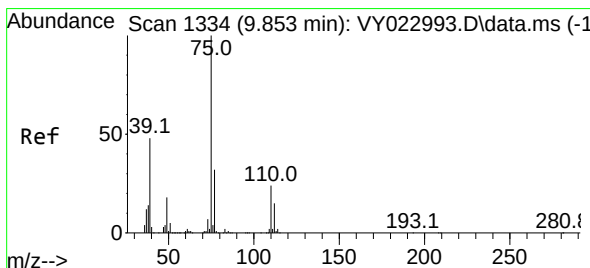
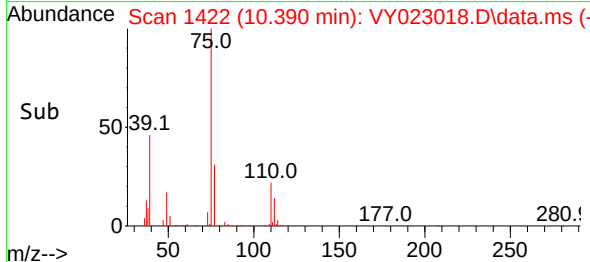
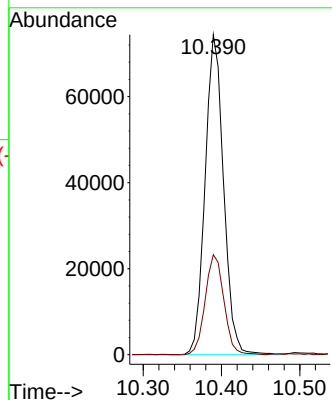
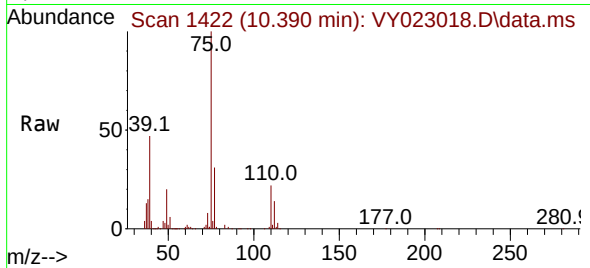




#53
 t-1,3-Dichloropropene
 Concen: 20.140 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY023018.D
 Acq: 21 Jul 2025 11:36

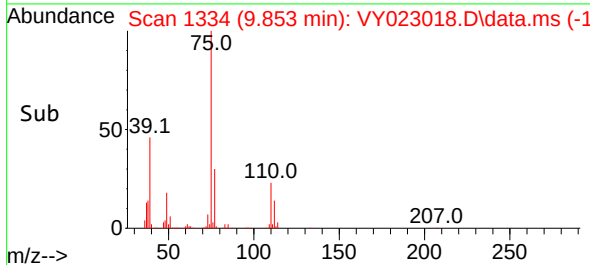
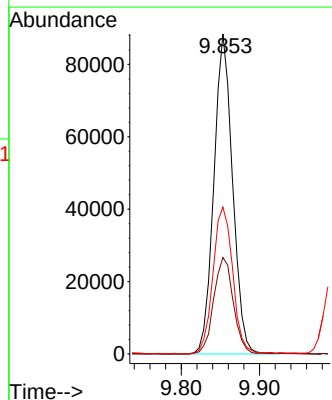
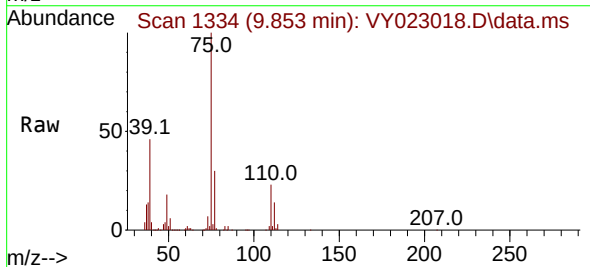
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBSD01

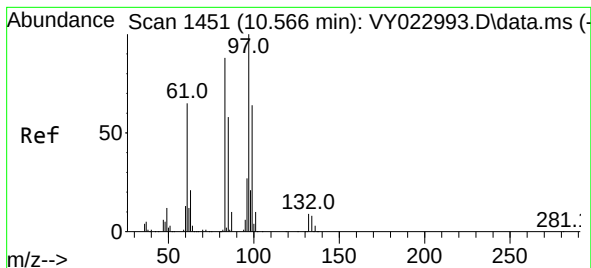
Tgt Ion: 75 Resp: 121765
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.4 39.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.138 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY023018.D
 Acq: 21 Jul 2025 11:36

Tgt Ion: 75 Resp: 146756
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.4 38.0
 39 45.8 38.2 57.2



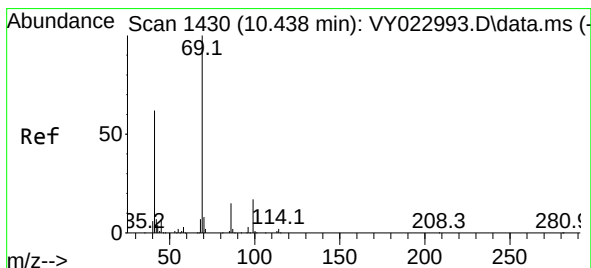
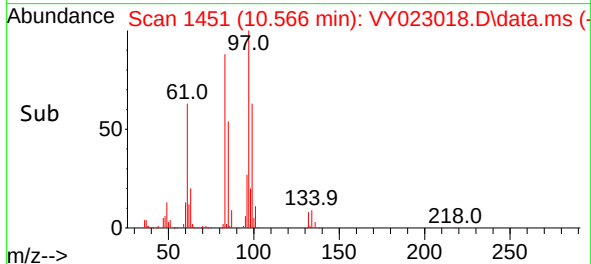
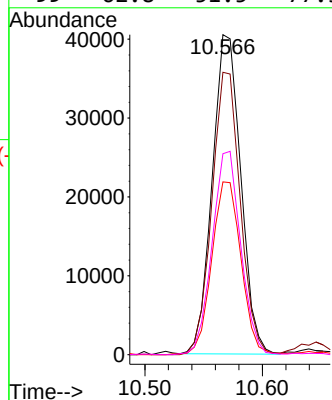
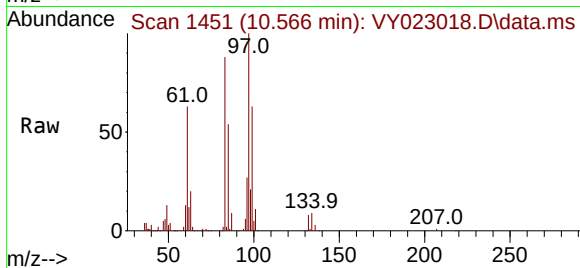


#55
1,1,2-Trichloroethane
Concen: 20.430 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

Tgt Ion: 97 Resp: 68420

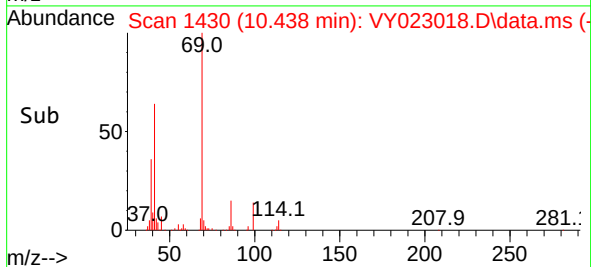
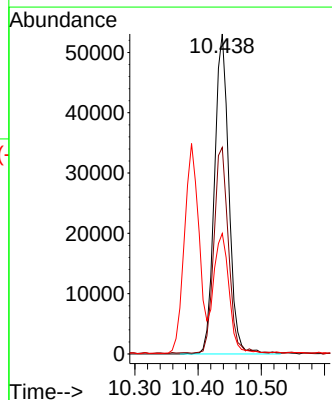
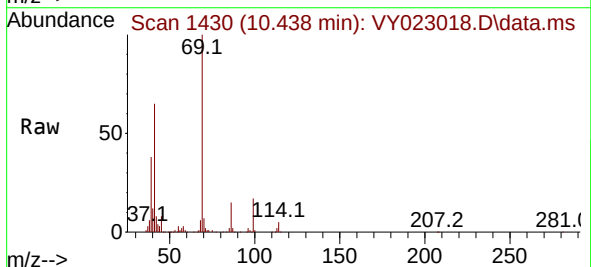
Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.2	105.2
85	54.0	46.2	69.2
99	62.8	51.5	77.3

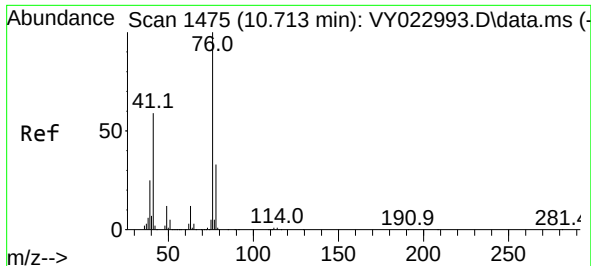


#56
Ethyl methacrylate
Concen: 20.070 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion: 69 Resp: 83906

Ion	Ratio	Lower	Upper
69	100		
41	64.6	51.0	76.4
39	39.5	30.6	46.0





#57

1,3-Dichloropropane

Concen: 20.403 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

Instrument :

MSVOA_Y

ClientSampleId :

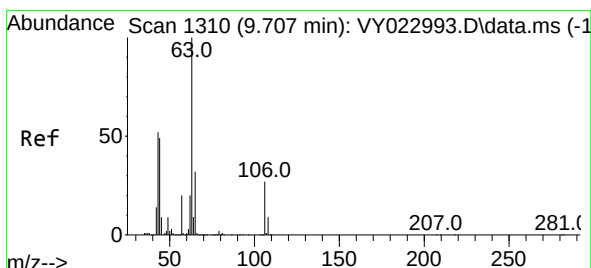
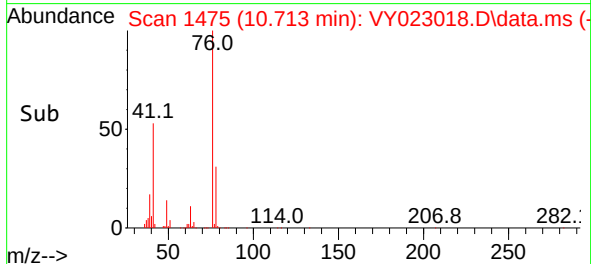
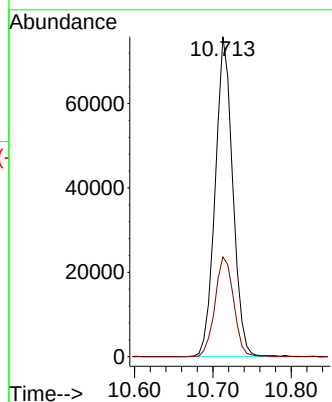
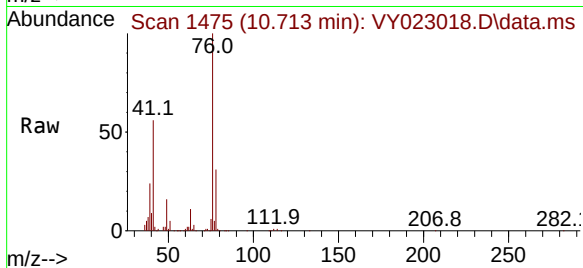
VY0721SBSD01

Tgt Ion: 76 Resp: 118038

Ion Ratio Lower Upper

76 100

78 33.2 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.883 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY023018.D

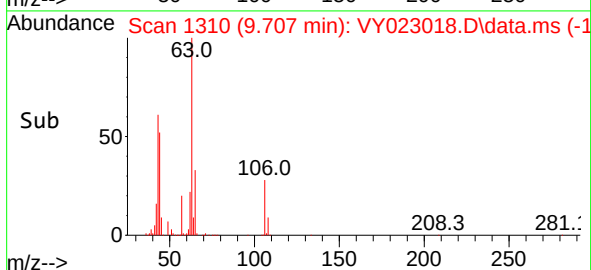
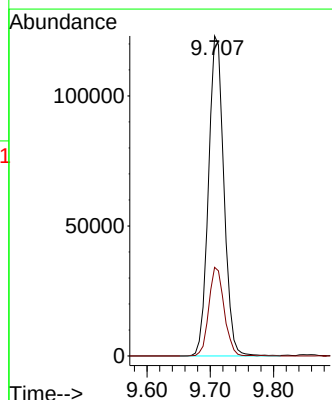
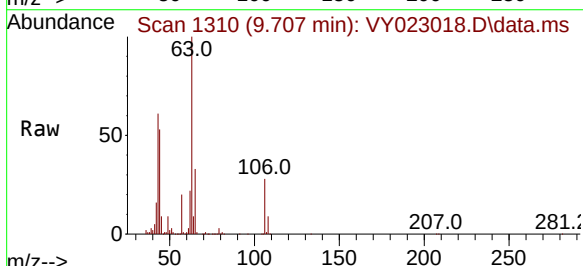
Acq: 21 Jul 2025 11:36

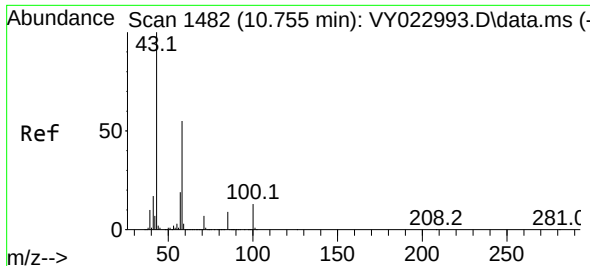
Tgt Ion: 63 Resp: 208502

Ion Ratio Lower Upper

63 100

106 27.5 22.6 33.8

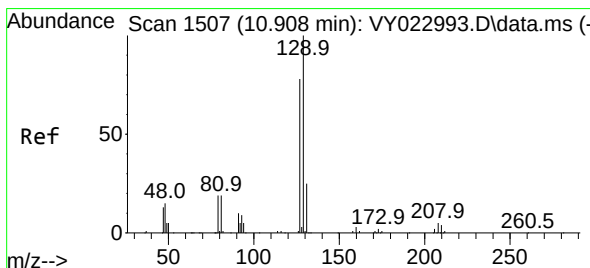
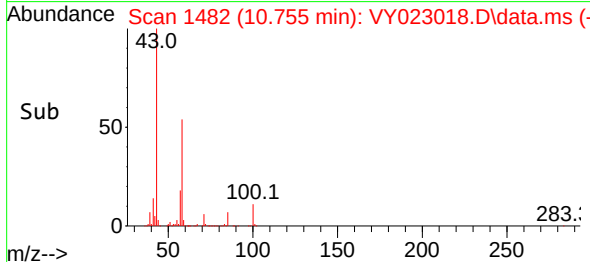
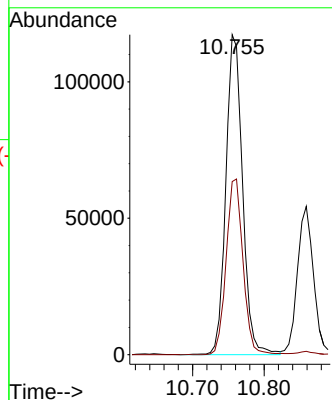
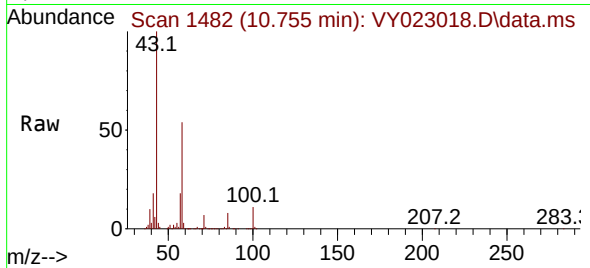




#59
2-Hexanone
Concen: 110.148 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

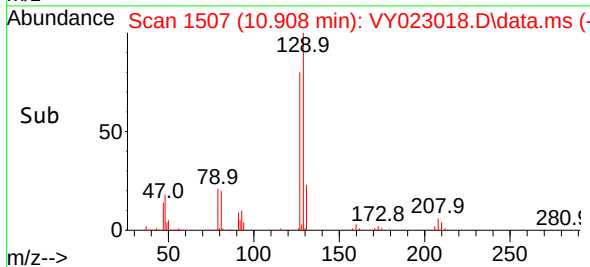
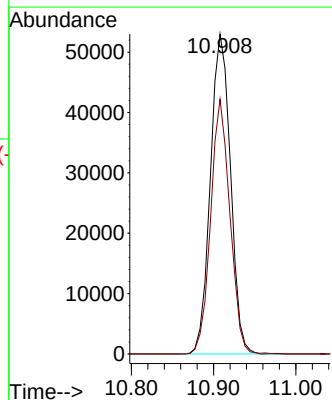
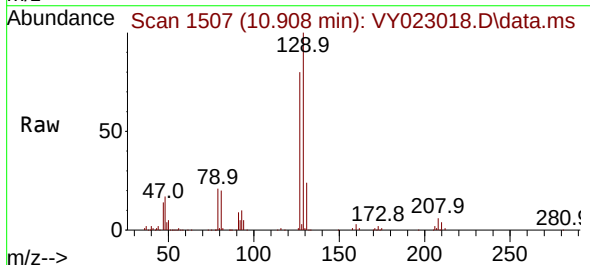
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

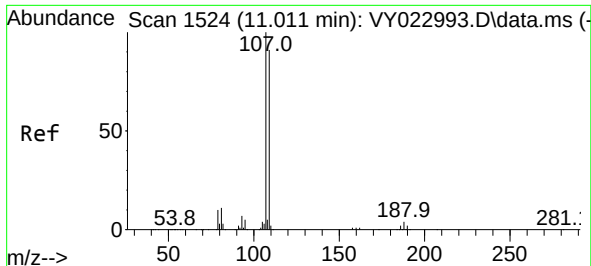
Tgt Ion: 43 Resp: 190073
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.3



#60
Dibromochloromethane
Concen: 20.479 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion: 129 Resp: 89811
Ion Ratio Lower Upper
129 100
127 76.2 38.7 116.1

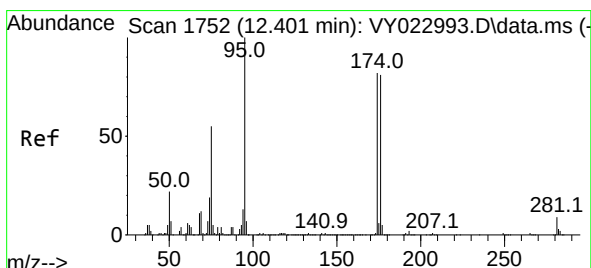
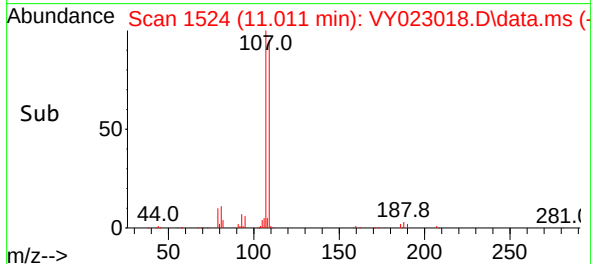
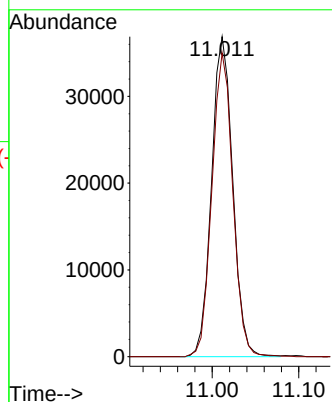
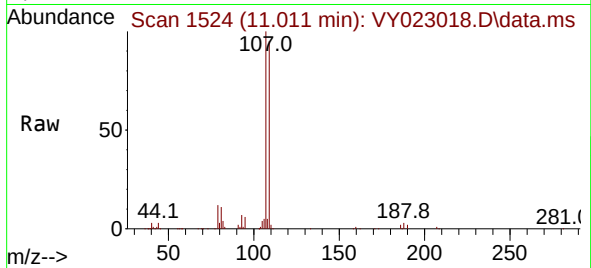




#61
1,2-Dibromoethane
Concen: 20.579 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

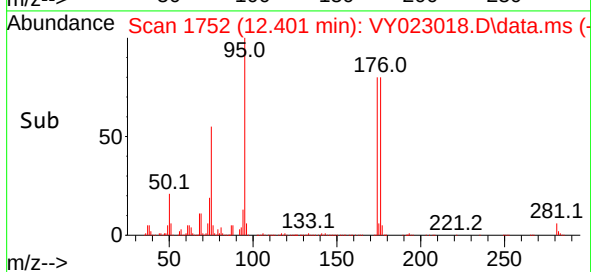
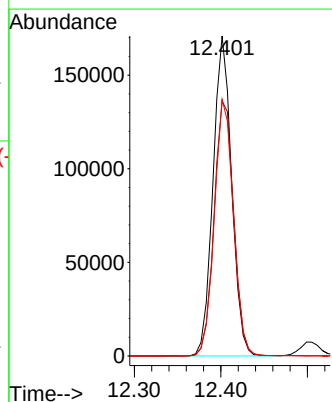
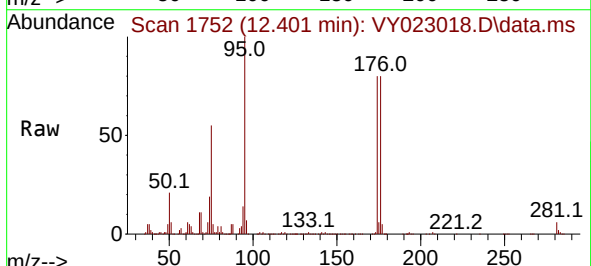
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

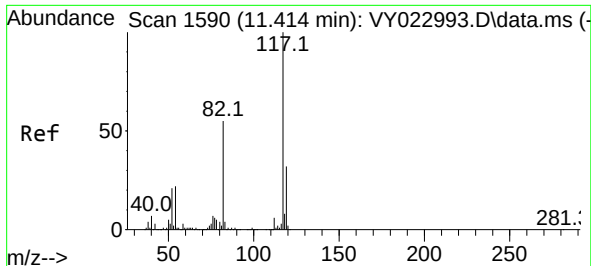
Tgt Ion:107 Resp: 62586
Ion Ratio Lower Upper
107 100
109 93.9 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 45.870 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion: 95 Resp: 254864
Ion Ratio Lower Upper
95 100
174 84.3 0.0 170.8
176 82.1 0.0 163.6

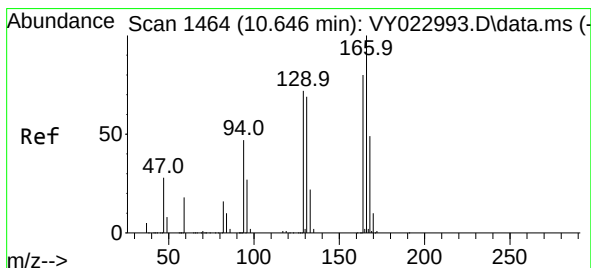
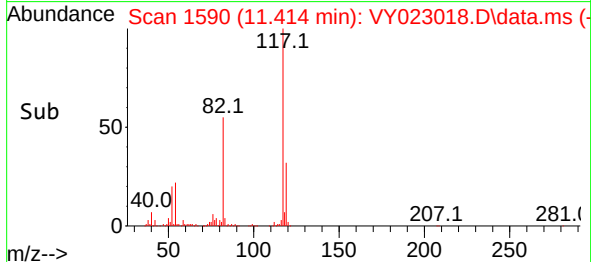
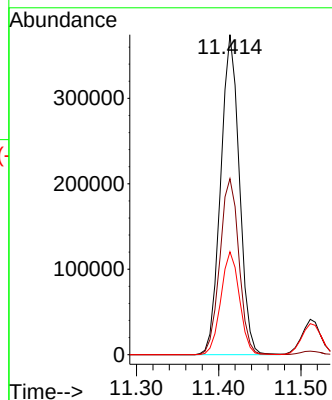
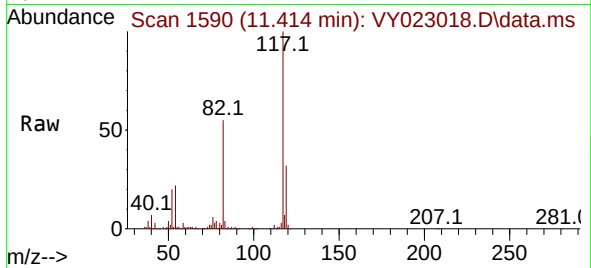




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

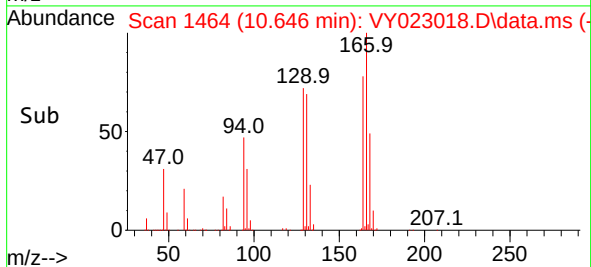
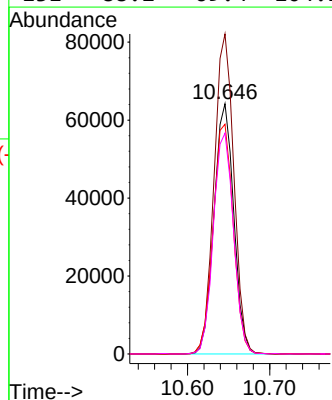
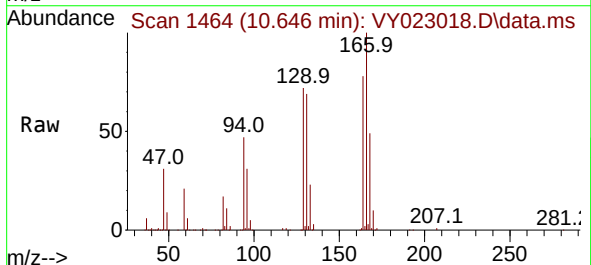
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

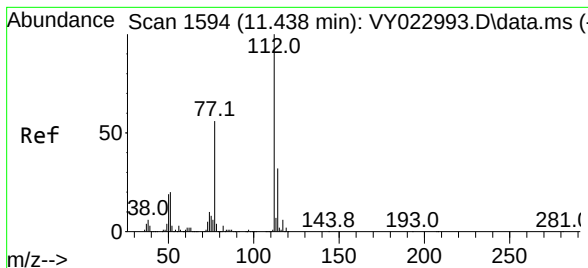
Tgt Ion:117 Resp: 590112
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 17.816 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion:164 Resp: 107463
Ion Ratio Lower Upper
164 100
166 127.9 100.2 150.2
129 91.8 71.7 107.5
131 88.2 69.4 104.2

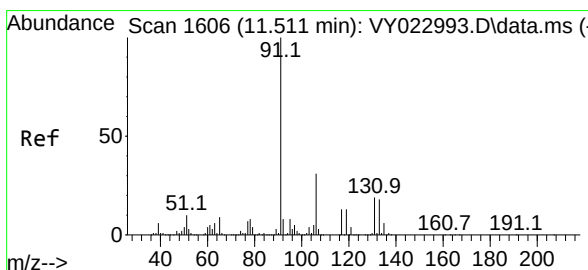
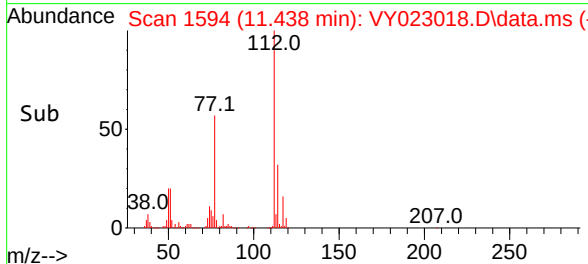
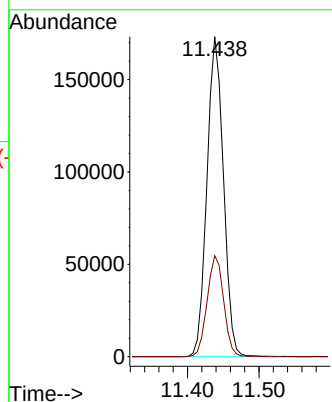
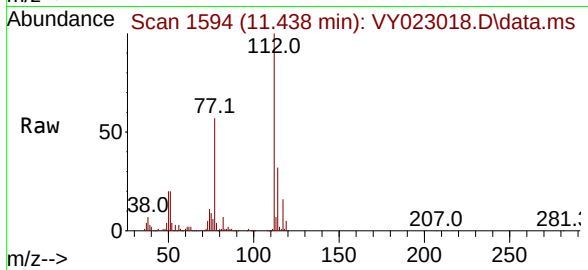




#65
Chlorobenzene
Concen: 19.964 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

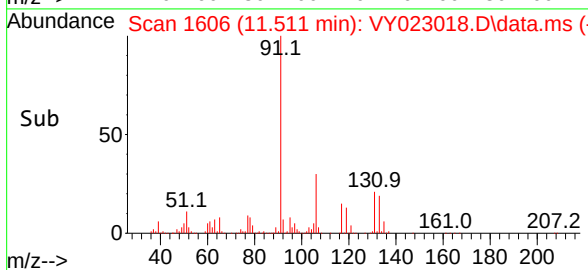
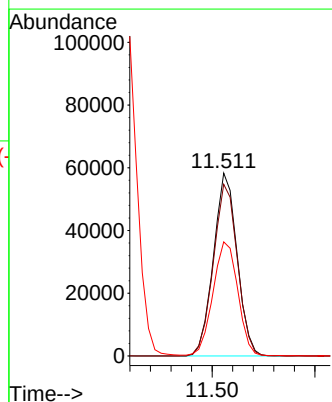
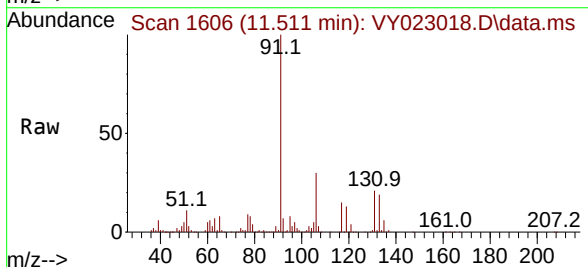
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

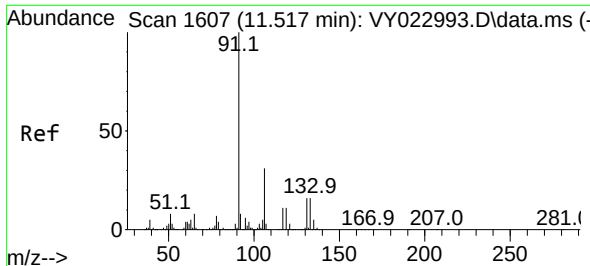
Tgt Ion:112 Resp: 278001
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.576 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion:131 Resp: 92977
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.3
119 65.5 33.3 99.8





#67

Ethyl Benzene

Concen: 19.501 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

Instrument :

MSVOA_Y

ClientSampleId :

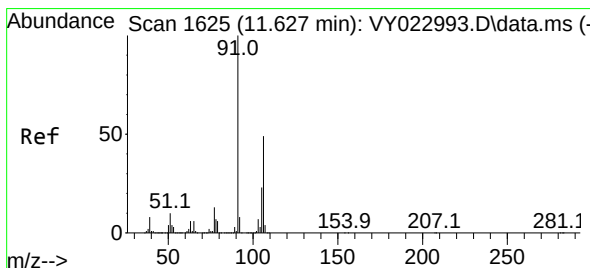
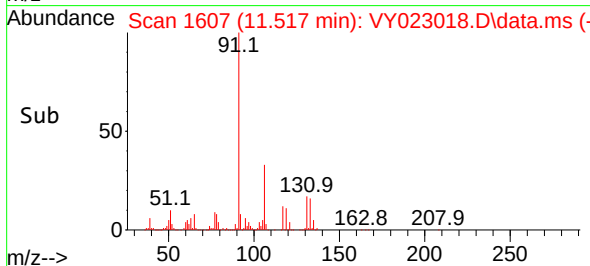
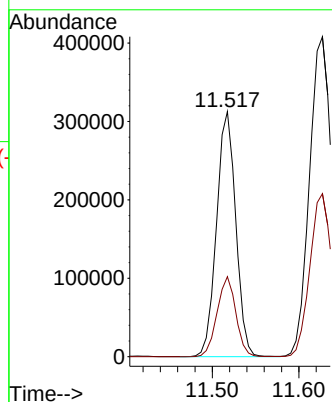
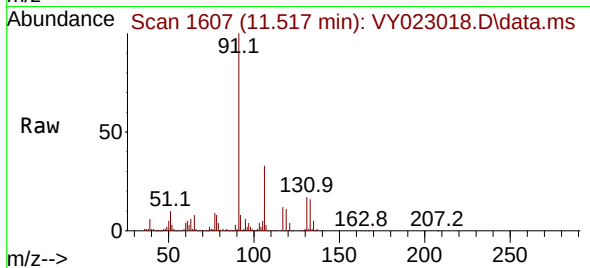
VY0721SBSD01

Tgt Ion: 91 Resp: 481329

Ion Ratio Lower Upper

91 100

106 32.7 24.6 37.0



#68

m/p-Xylenes

Concen: 39.181 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023018.D

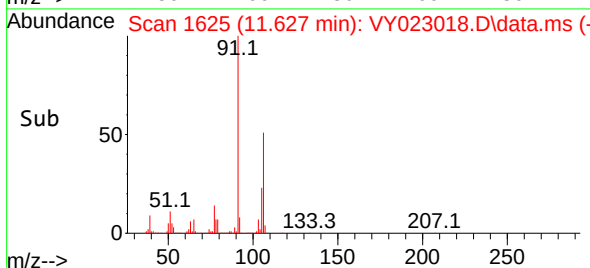
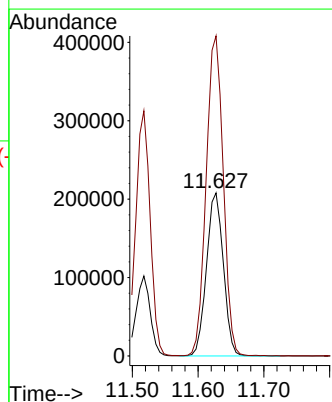
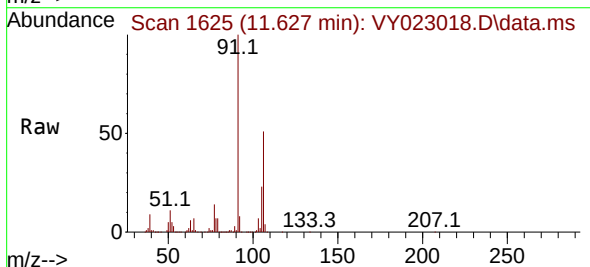
Acq: 21 Jul 2025 11:36

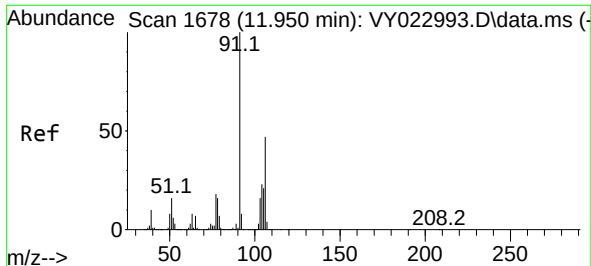
Tgt Ion:106 Resp: 370931

Ion Ratio Lower Upper

106 100

91 198.9 159.8 239.8

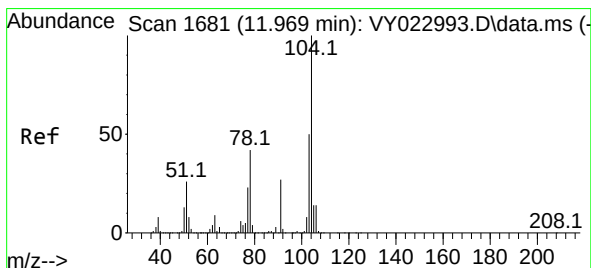
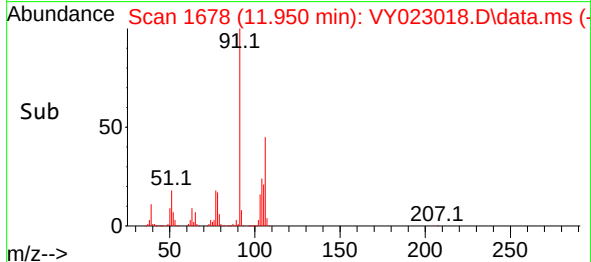
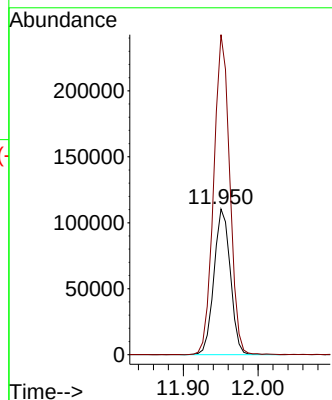
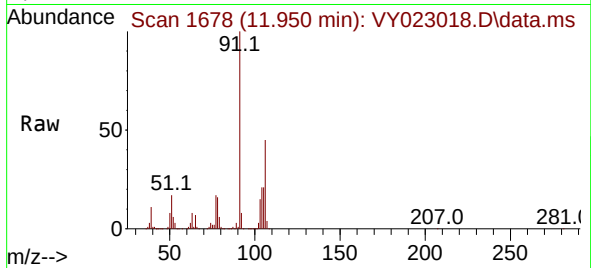




#69
o-Xylene
Concen: 19.189 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

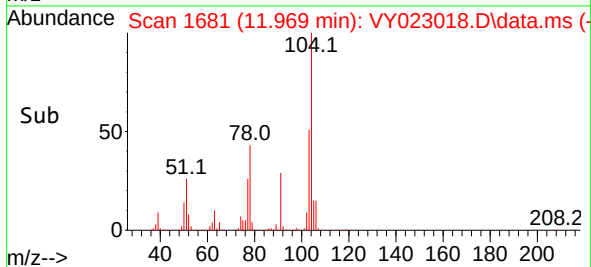
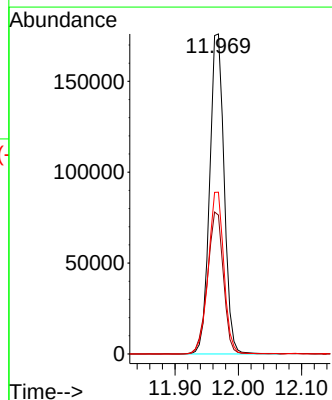
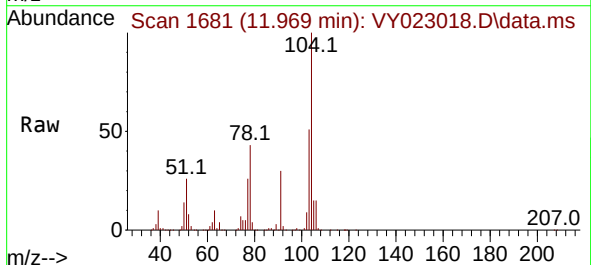
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

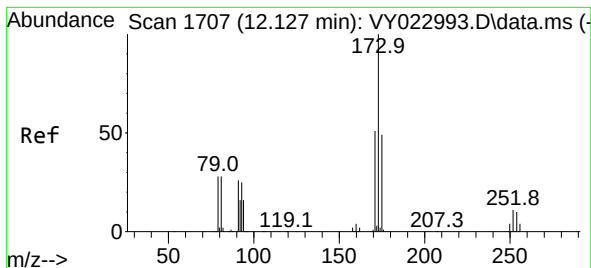
Tgt Ion:106 Resp: 168595
Ion Ratio Lower Upper
106 100
91 215.9 106.3 318.8



#70
Styrene
Concen: 19.604 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion:104 Resp: 282132
Ion Ratio Lower Upper
104 100
78 48.6 39.0 58.6
103 54.4 43.7 65.5





#71

Bromoform

Concen: 19.927 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

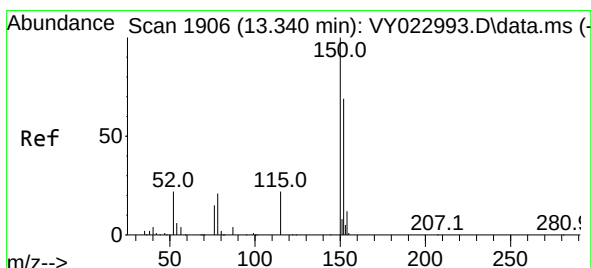
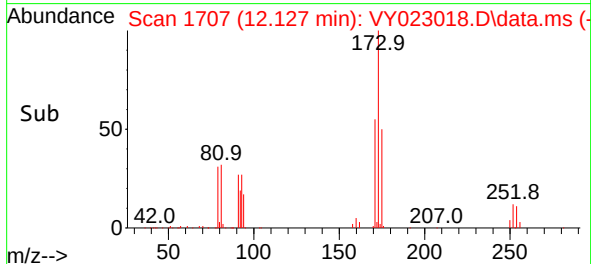
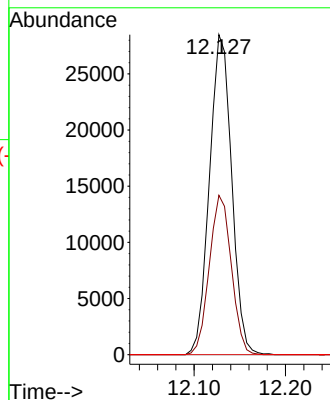
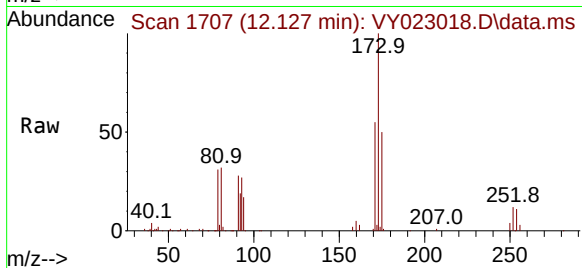
Tgt Ion:173 Resp: 48047

Ion Ratio Lower Upper

173 100

175 49.4 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

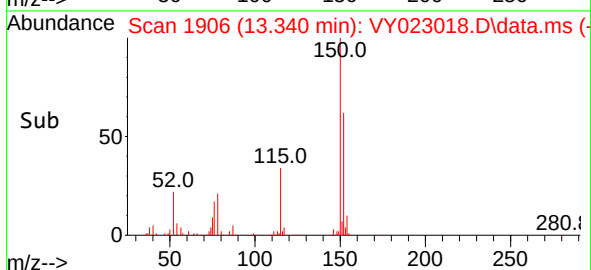
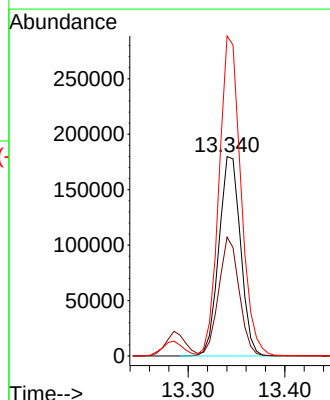
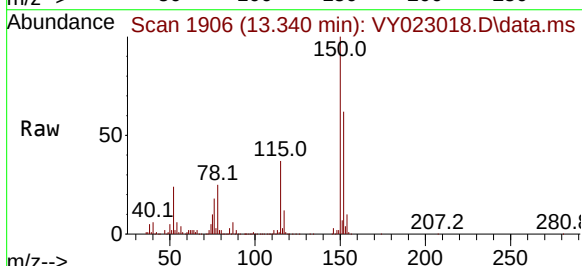
Tgt Ion:152 Resp: 278637

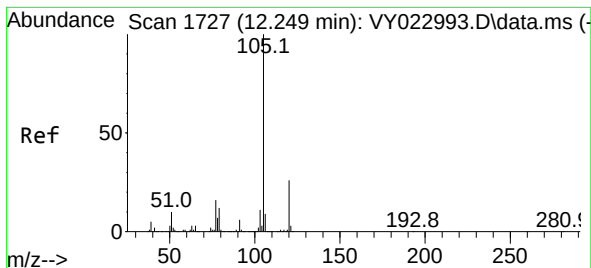
Ion Ratio Lower Upper

152 100

115 56.7 29.4 88.2

150 162.6 0.0 350.0





#73

Isopropylbenzene

Concen: 19.003 ug/l

RT: 12.249 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

Instrument :

MSVOA_Y

ClientSampleId :

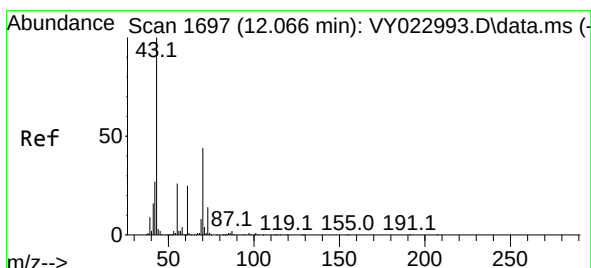
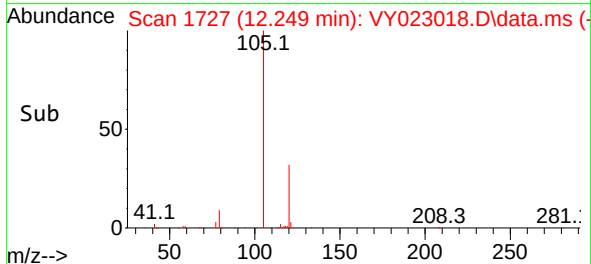
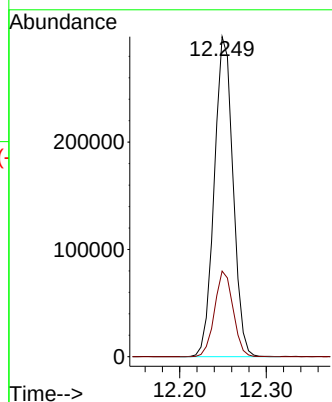
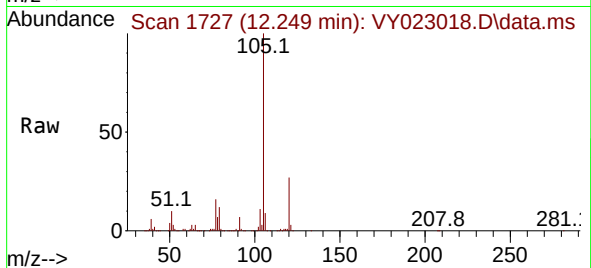
VY0721SBSD01

Tgt Ion:105 Resp: 448907

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 20.538 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

Tgt Ion: 43 Resp: 91471

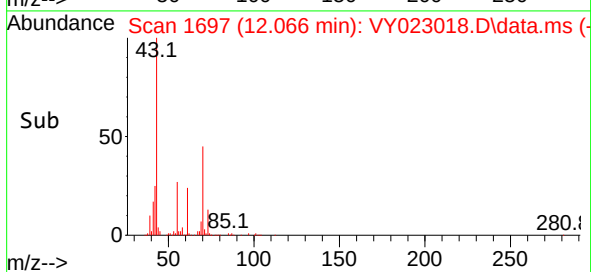
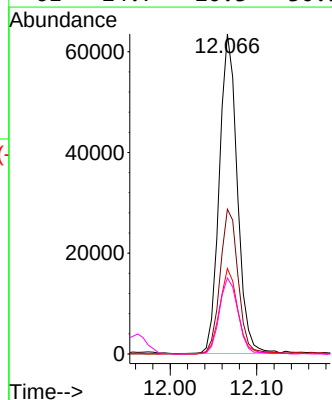
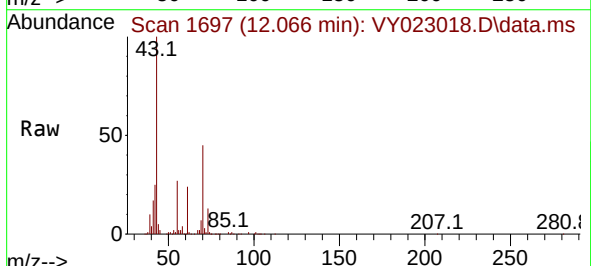
Ion Ratio Lower Upper

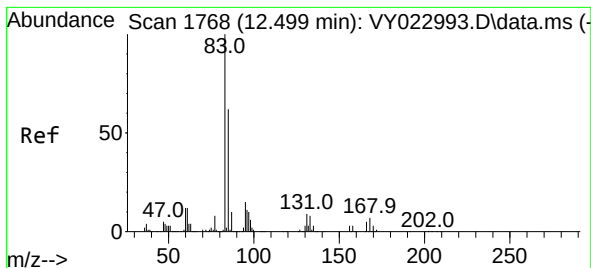
43 100

70 45.9 36.2 54.2

55 27.1 20.9 31.3

61 24.7 20.3 30.5

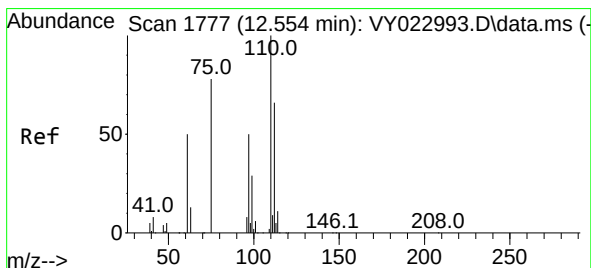
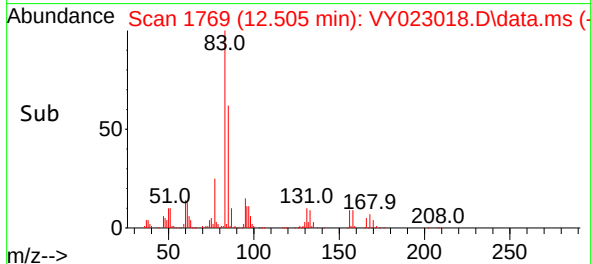
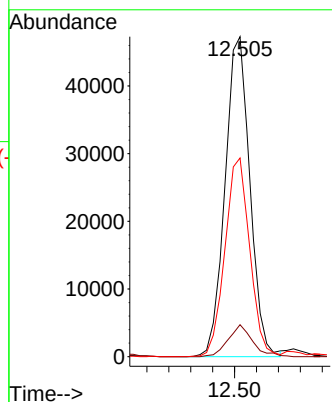
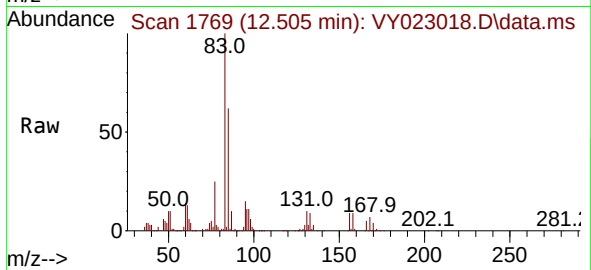




#75
1,1,2-Tetrachloroethane
Concen: 21.759 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

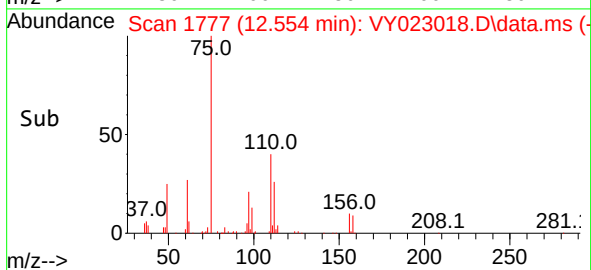
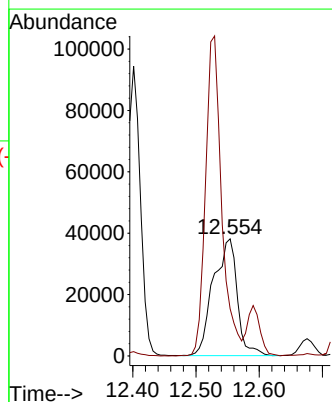
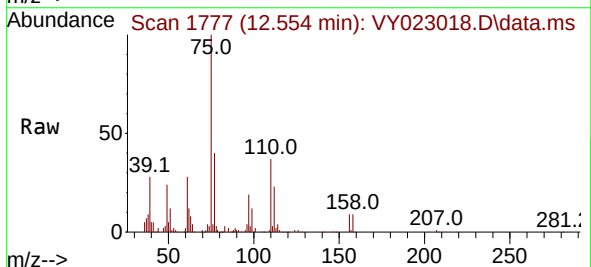
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

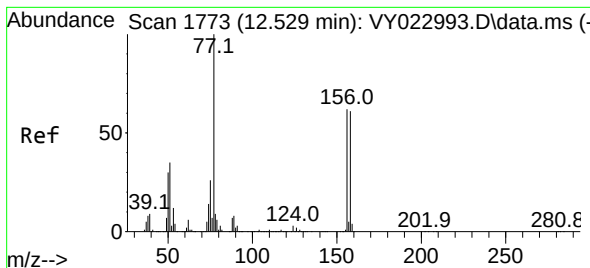
Tgt Ion: 83 Resp: 74386
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.4
85 62.0 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 28.691 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion: 75 Resp: 99616
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.296 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBSD01

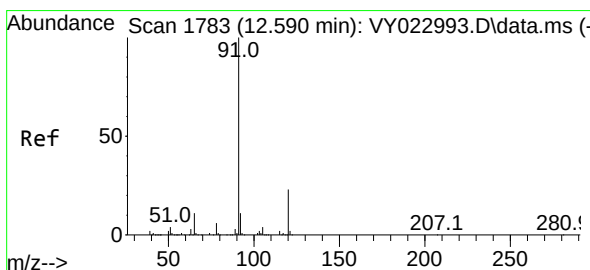
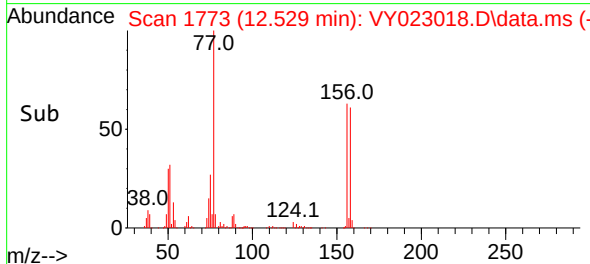
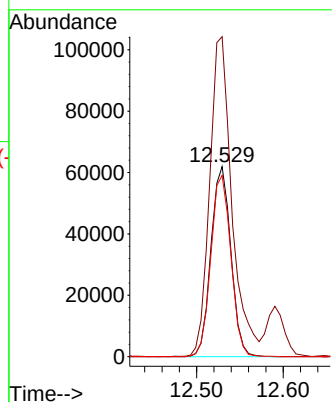
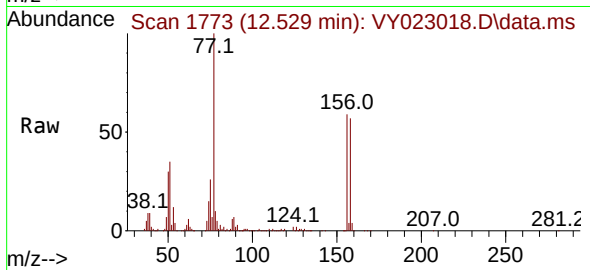
Tgt Ion:156 Resp: 98865

Ion Ratio Lower Upper

156 100

77 188.2 92.0 276.1

158 95.9 48.6 145.9



#78

n-propylbenzene

Concen: 19.493 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY023018.D

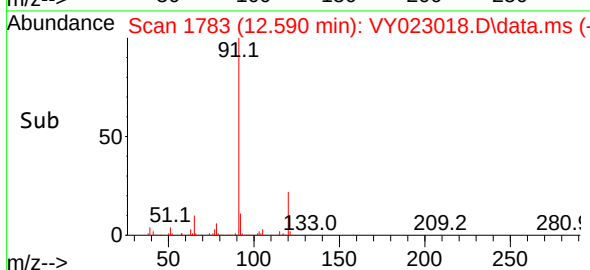
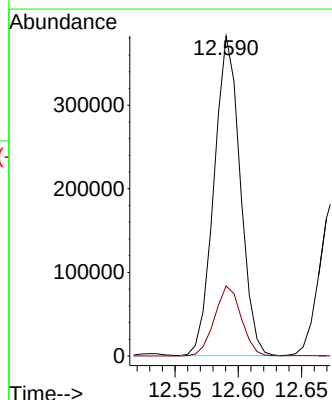
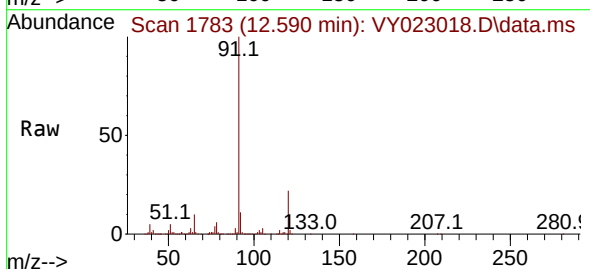
Acq: 21 Jul 2025 11:36

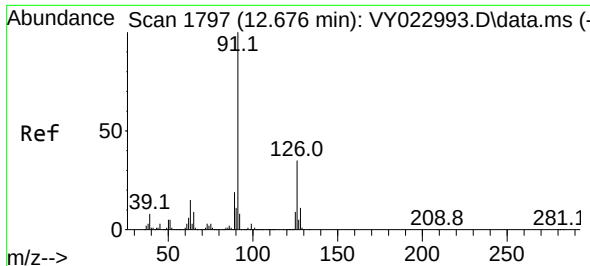
Tgt Ion: 91 Resp: 548378

Ion Ratio Lower Upper

91 100

120 22.3 11.3 33.8

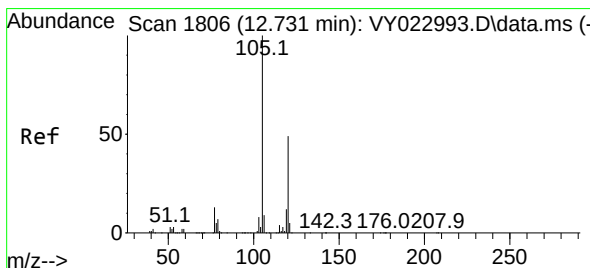
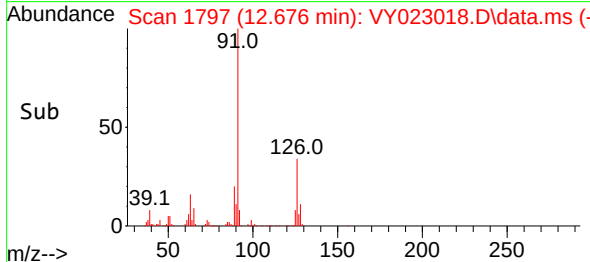
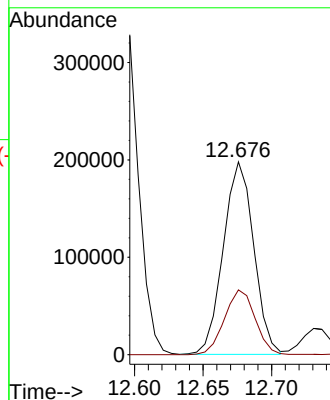
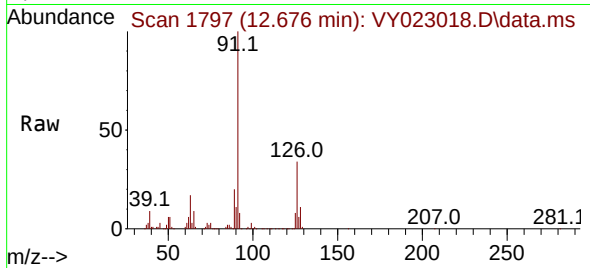




#79
2-Chlorotoluene
Concen: 19.328 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

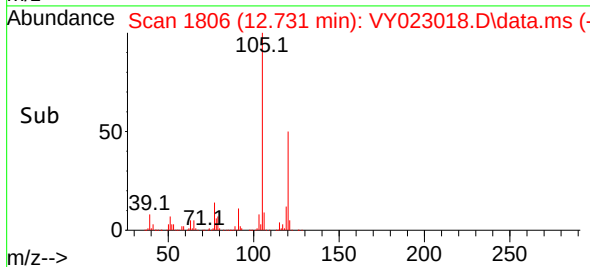
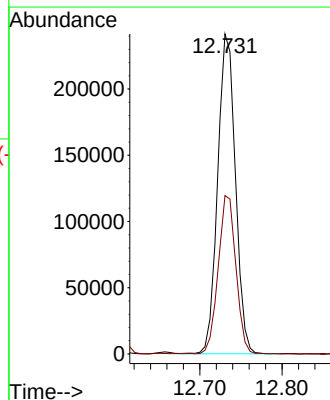
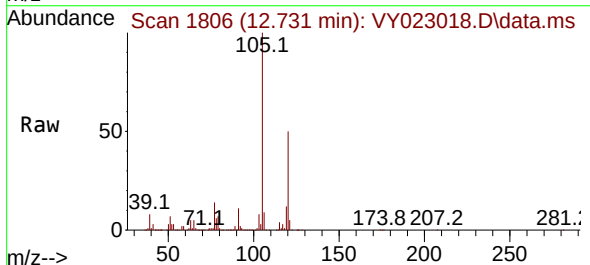
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

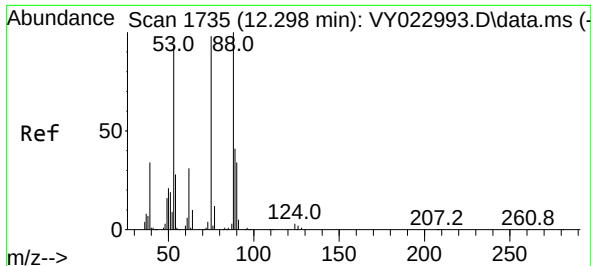
Tgt Ion: 91 Resp: 305812
Ion Ratio Lower Upper
91 100
126 34.0 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 19.435 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion: 105 Resp: 362111
Ion Ratio Lower Upper
105 100
120 49.6 24.6 73.8

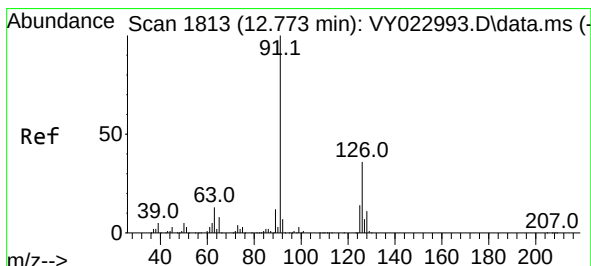
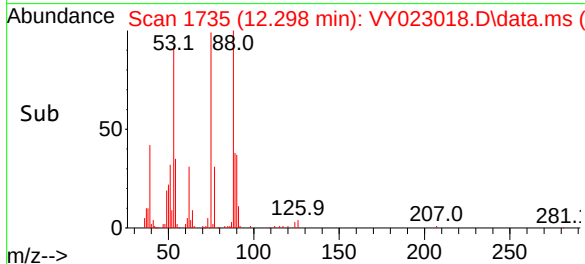
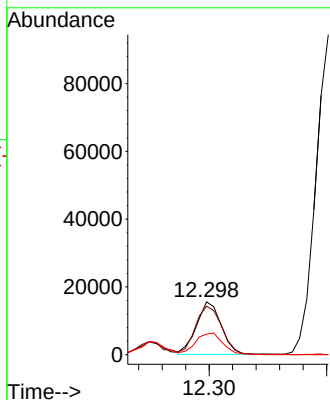
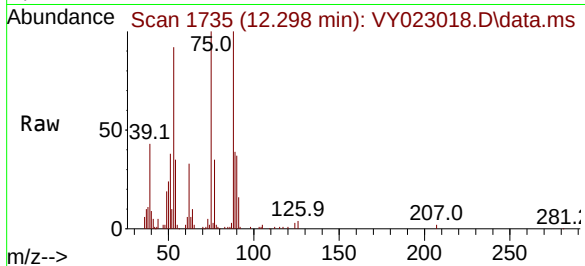




#81
trans-1,4-Dichloro-2-butene
Concen: 19.441 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

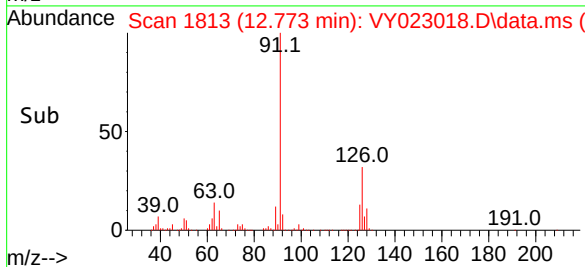
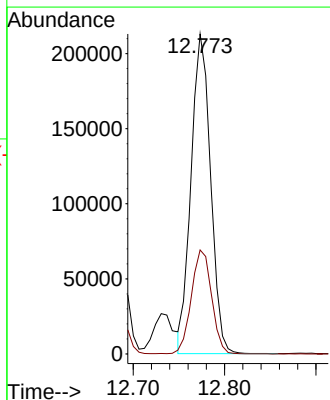
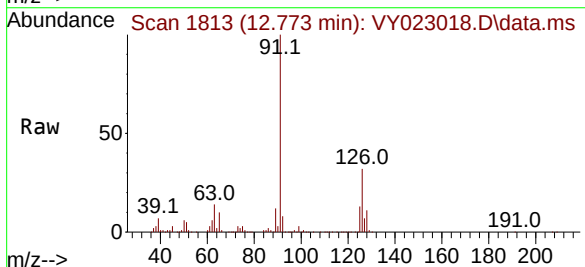
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

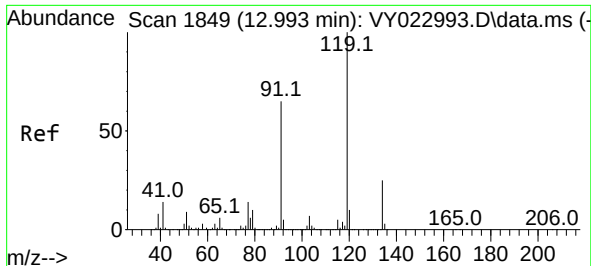
Tgt Ion: 75 Resp: 22663
Ion Ratio Lower Upper
75 100
53 97.3 76.1 114.1
89 45.6 36.1 54.1



#82
4-Chlorotoluene
Concen: 19.799 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion: 91 Resp: 315940
Ion Ratio Lower Upper
91 100
126 33.9 17.2 51.5

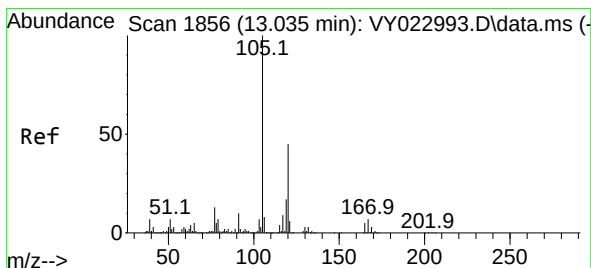
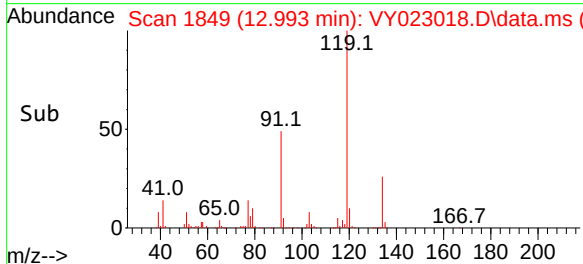
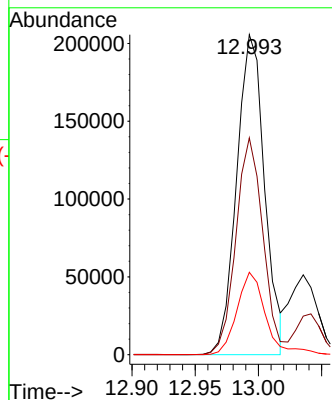
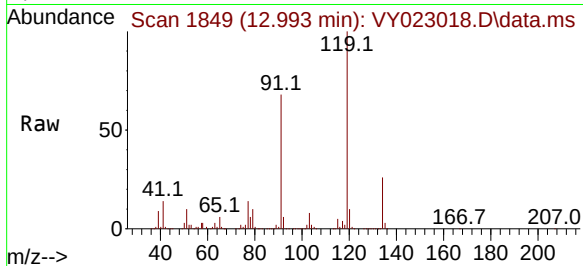




#83
tert-Butylbenzene
Concen: 18.836 ug/l
RT: 12.993 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

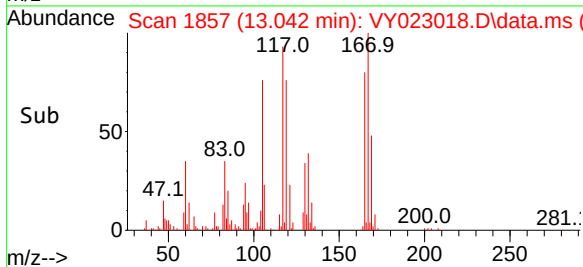
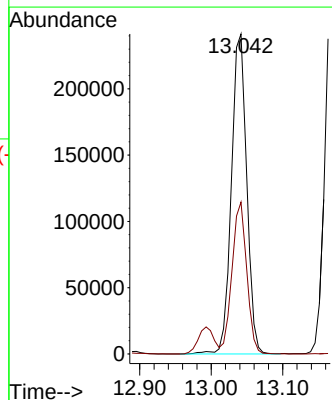
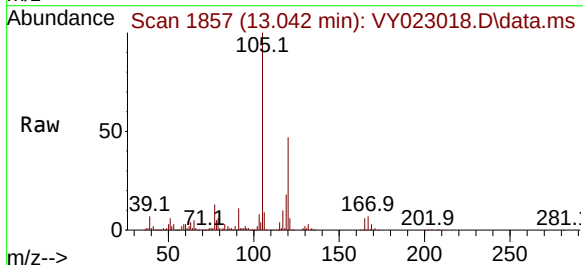
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

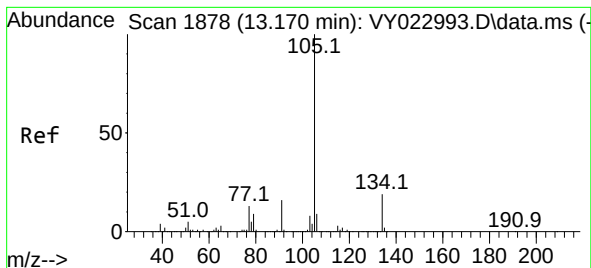
Tgt Ion:119 Resp: 317013
Ion Ratio Lower Upper
119 100
91 66.0 32.0 96.2
134 26.5 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 19.533 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY023018.D
Acq: 21 Jul 2025 11:36

Tgt Ion:105 Resp: 358240
Ion Ratio Lower Upper
105 100
120 45.8 22.9 68.8





#85

sec-Butylbenzene

Concen: 19.314 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

Instrument :

MSVOA_Y

ClientSampleId :

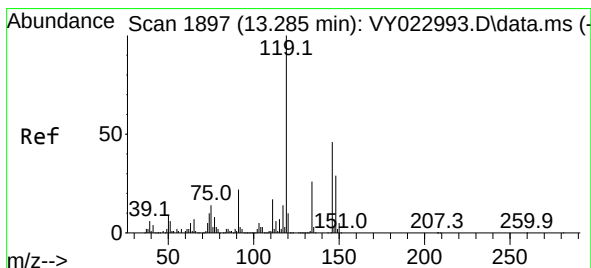
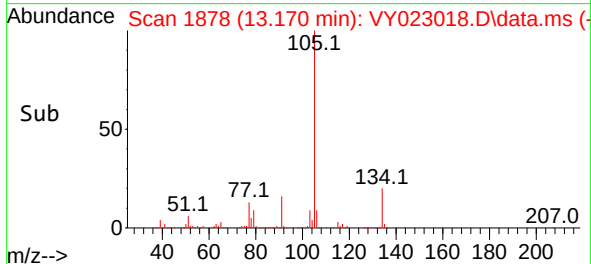
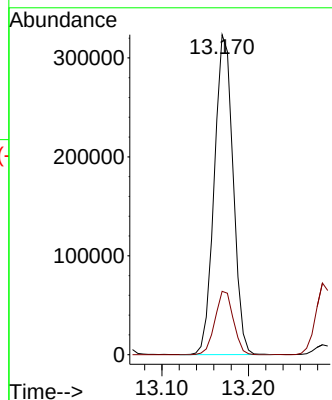
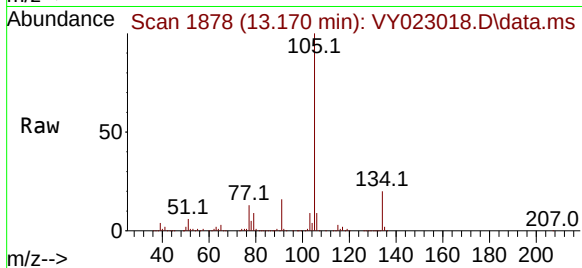
VY0721SBS01

Tgt Ion:105 Resp: 487116

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.5



#86

p-Isopropyltoluene

Concen: 19.139 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

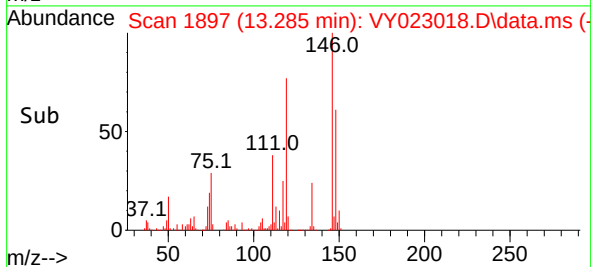
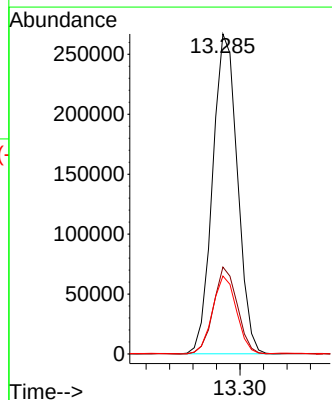
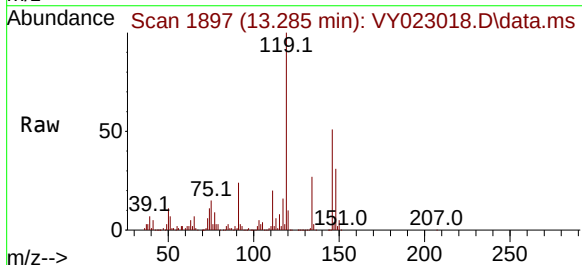
Tgt Ion:119 Resp: 392041

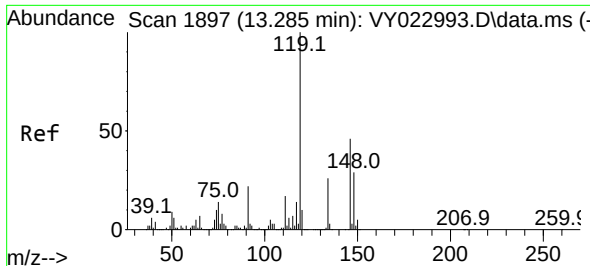
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 23.4 11.4 34.1

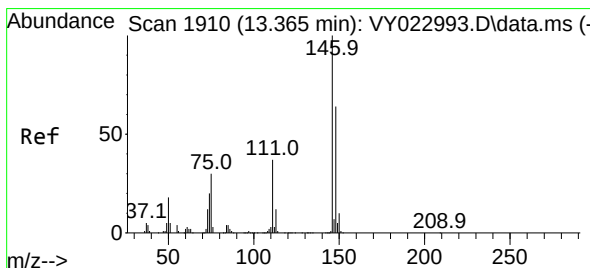
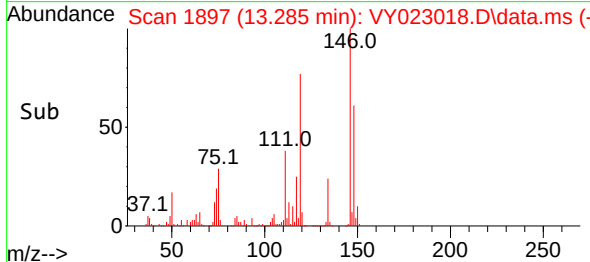
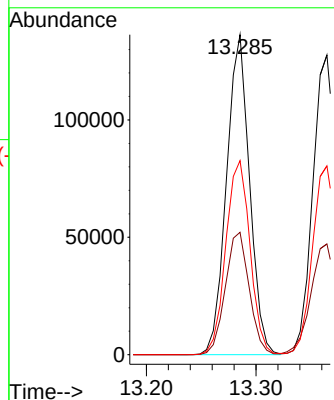
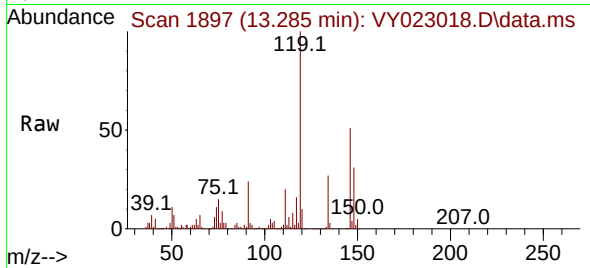




#87
 1,3-Dichlorobenzene
 Concen: 19.247 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY023018.D
 Acq: 21 Jul 2025 11:36

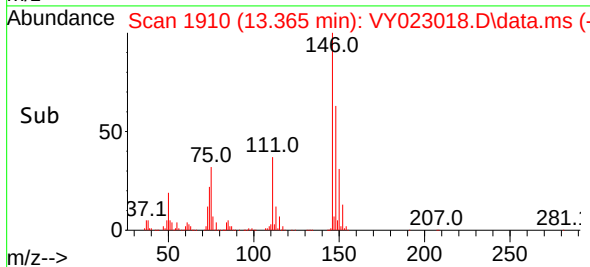
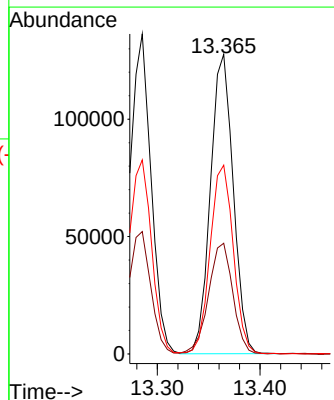
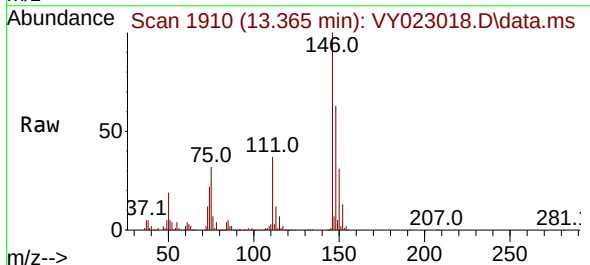
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBSD01

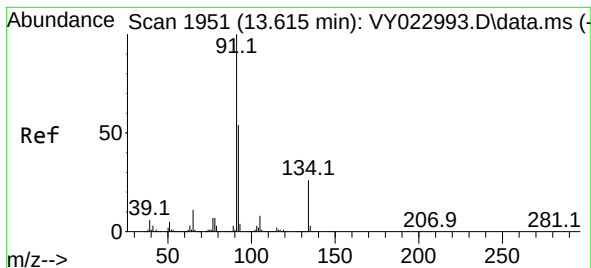
Tgt Ion:146 Resp: 199016
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.8 59.3
 148 63.7 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 19.665 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY023018.D
 Acq: 21 Jul 2025 11:36

Tgt Ion:146 Resp: 196711
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.2 57.6
 148 64.2 31.9 95.5





#89

n-Butylbenzene

Concen: 19.500 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBSD01

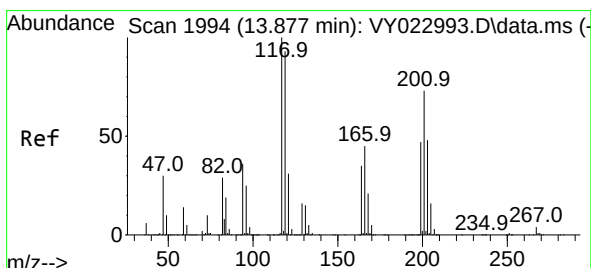
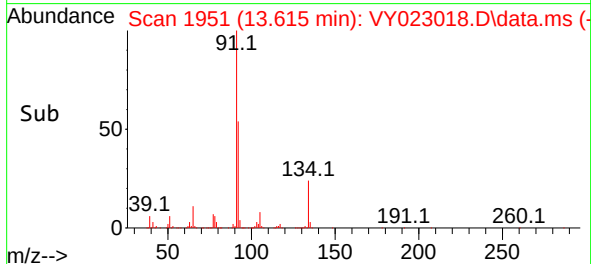
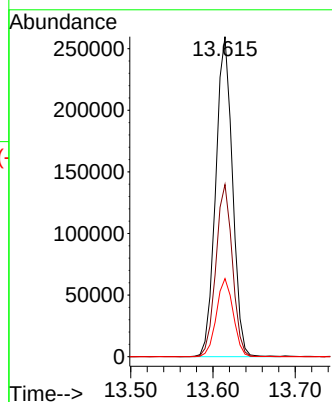
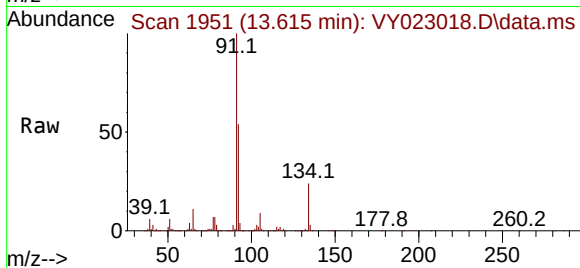
Tgt Ion: 91 Resp: 368568

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.7

134 24.5 12.6 37.6



#90

Hexachloroethane

Concen: 19.240 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY023018.D

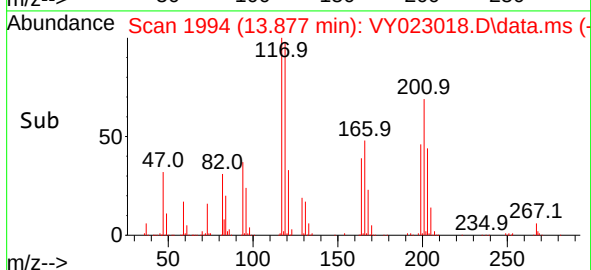
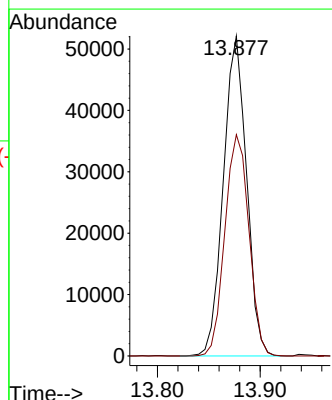
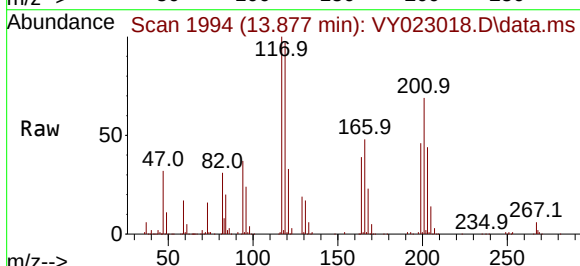
Acq: 21 Jul 2025 11:36

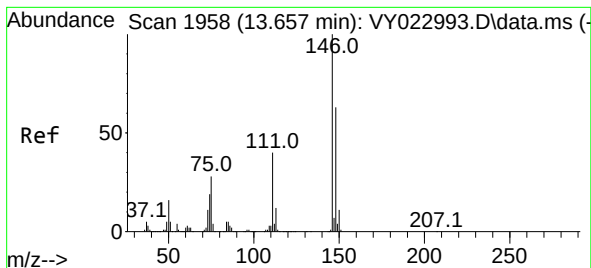
Tgt Ion: 117 Resp: 81594

Ion Ratio Lower Upper

117 100

201 71.7 36.1 108.5





#91

1,2-Dichlorobenzene

Concen: 19.552 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBSD01

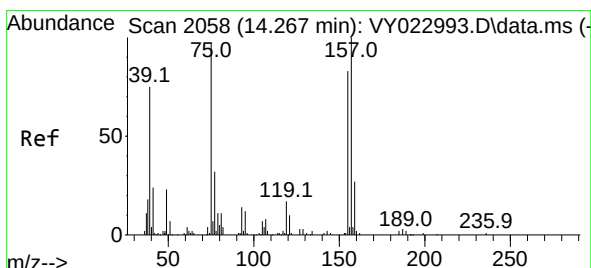
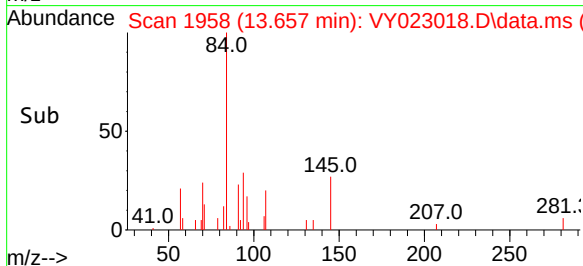
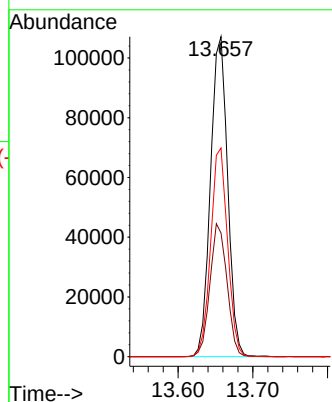
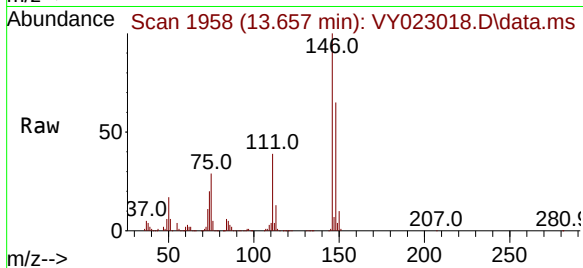
Tgt Ion:146 Resp: 170533

Ion Ratio Lower Upper

146 100

111 41.4 20.3 61.0

148 64.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.980 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

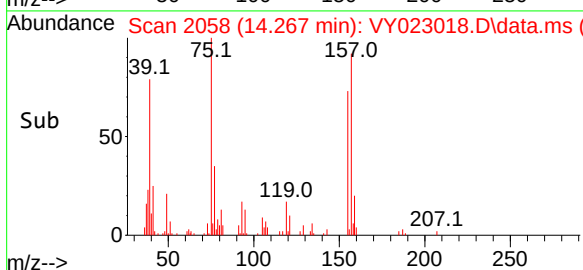
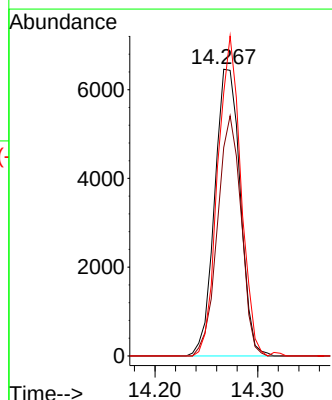
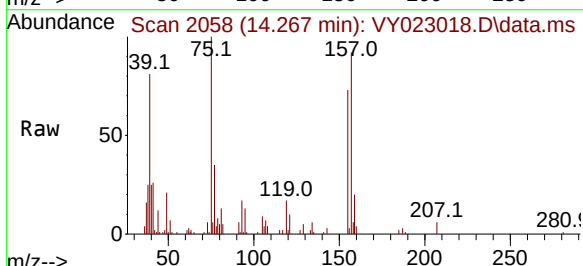
Tgt Ion: 75 Resp: 11157

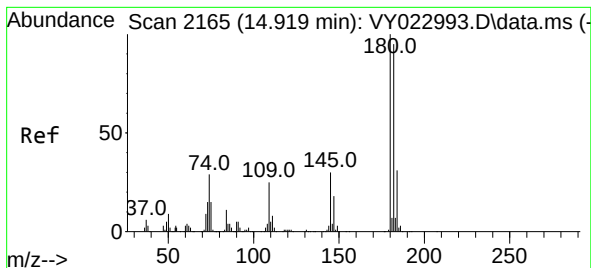
Ion Ratio Lower Upper

75 100

155 77.4 42.8 128.3

157 100.6 54.3 162.9





#93

1,2,4-Trichlorobenzene

Concen: 19.964 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

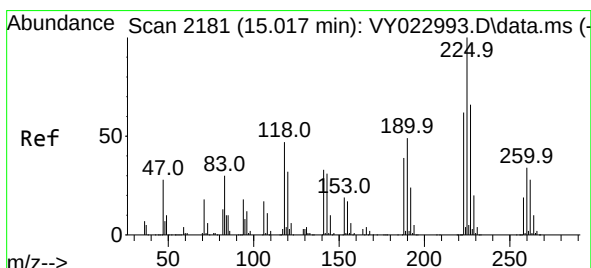
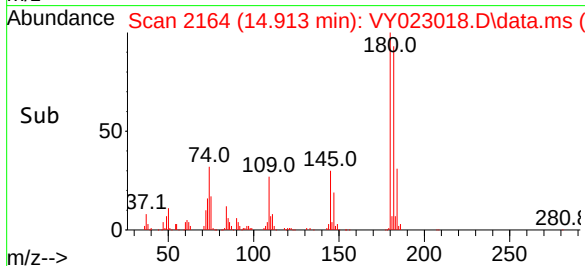
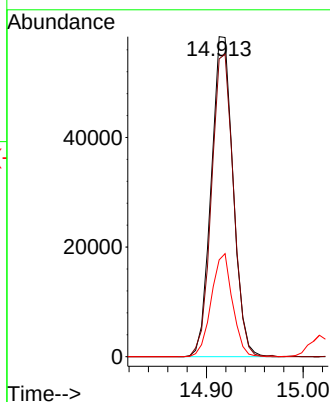
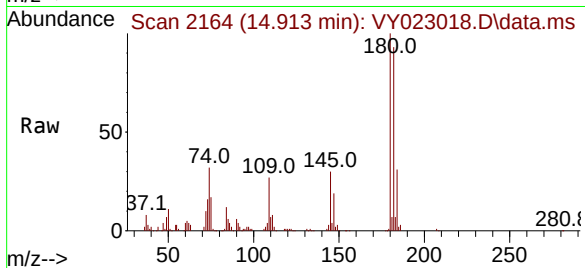
Tgt Ion:180 Resp: 91783

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.5

145 31.1 14.9 44.9



#94

Hexachlorobutadiene

Concen: 19.350 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

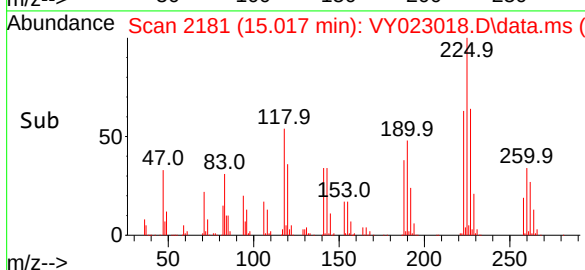
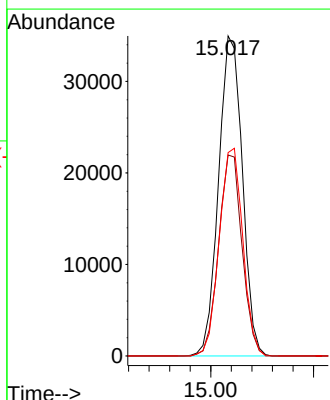
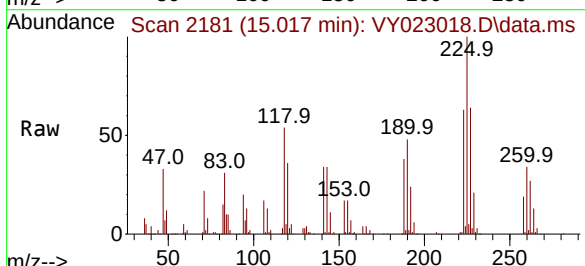
Tgt Ion:225 Resp: 56084

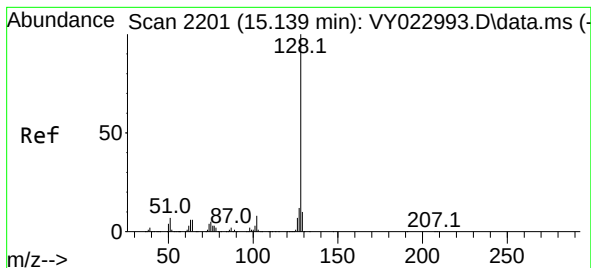
Ion Ratio Lower Upper

225 100

223 62.0 31.4 94.0

227 64.4 32.1 96.5





#95

Naphthalene

Concen: 20.274 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBSD01

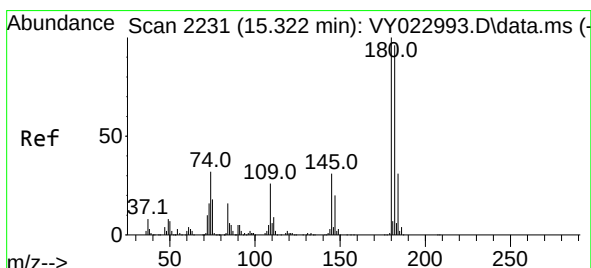
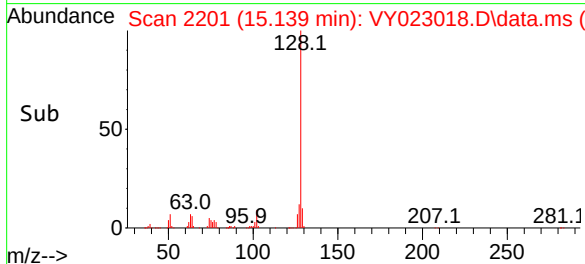
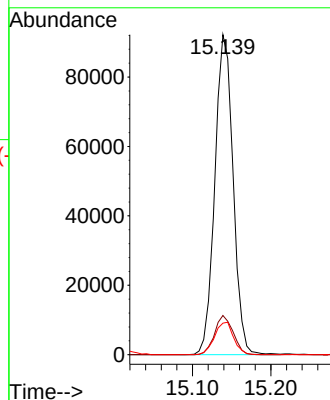
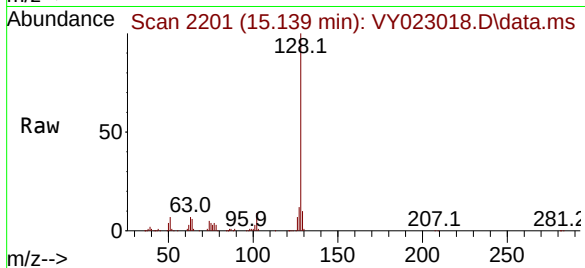
Tgt Ion:128 Resp: 149495

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.029 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY023018.D

Acq: 21 Jul 2025 11:36

Tgt Ion:180 Resp: 76032

Ion Ratio Lower Upper

180 100

182 94.6 47.3 142.0

145 33.2 15.8 47.4

