

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
 Data File : VY022172.D
 Acq On : 06 May 2025 10:17
 Operator : SY/MD
 Sample : VY0506SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Quant Time: May 07 04:31:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	219542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	344933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	314858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	170277	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	104562	51.563	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.120%	
35) Dibromofluoromethane	7.634	113	114262	50.141	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.280%	
50) Toluene-d8	10.109	98	436550	50.814	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	12.408	95	146232	50.562	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.120%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	35015	18.718	ug/l	93
3) Chloromethane	2.068	50	62815	23.582	ug/l	97
4) Vinyl Chloride	2.202	62	73388	22.420	ug/l	100
5) Bromomethane	2.592	94	71804	25.462	ug/l	99
6) Chloroethane	2.733	64	54144	24.288	ug/l	98
7) Trichlorofluoromethane	3.056	101	91145	21.116	ug/l	97
8) Diethyl Ether	3.458	74	21299	18.959	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.824	101	49562	21.167	ug/l	97
10) Methyl Iodide	4.007	142	49667	18.321	ug/l	98
11) Tert butyl alcohol	4.879	59	9787	87.911	ug/l #	92
12) 1,1-Dichloroethene	3.787	96	44825	20.538	ug/l	96
13) Acrolein	3.659	56	10342	51.758	ug/l	98
14) Allyl chloride	4.385	41	53099	20.895	ug/l	98
15) Acrylonitrile	5.061	53	39578	96.230	ug/l	99
16) Acetone	3.873	43	33886	116.235	ug/l	93
17) Carbon Disulfide	4.104	76	140631	20.209	ug/l	100
18) Methyl Acetate	4.385	43	21063	22.236	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	94642	19.375	ug/l	98
20) Methylene Chloride	4.610	84	55892	21.797	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	50071	20.485	ug/l	97
22) Diisopropyl ether	6.025	45	123033	21.755	ug/l	97
23) Vinyl Acetate	5.964	43	308743	101.299	ug/l	99
24) 1,1-Dichloroethane	5.921	63	85218	21.739	ug/l	96
25) 2-Butanone	6.897	43	47731	103.259	ug/l	93
26) 2,2-Dichloropropane	6.884	77	75342	21.929	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	56432	20.648	ug/l	98
28) Bromochloromethane	7.244	49	31283	20.546	ug/l	97
29) Tetrahydrofuran	7.268	42	28956	96.450	ug/l	98
30) Chloroform	7.421	83	94557	21.746	ug/l	99
31) Cyclohexane	7.701	56	70466	21.021	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	82948	21.086	ug/l	99
36) 1,1-Dichloropropene	7.835	75	65457	21.384	ug/l	97
37) Ethyl Acetate	6.982	43	21690	19.729	ug/l	99
38) Carbon Tetrachloride	7.823	117	76460	20.904	ug/l	98
39) Methylcyclohexane	9.110	83	78200	20.300	ug/l	92
40) Benzene	8.085	78	203440	21.261	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	11003	18.308	ug/l	98
42) 1,2-Dichloroethane	8.159	62	50500	21.316	ug/l	99
43) Isopropyl Acetate	8.201	43	41006	19.422	ug/l	97
44) Trichloroethene	8.866	130	55269	20.853	ug/l	98
45) 1,2-Dichloropropane	9.146	63	45808	21.648	ug/l	96
46) Dibromomethane	9.231	93	26726	20.176	ug/l	99
47) Bromodichloromethane	9.427	83	70381	21.268	ug/l	99
48) Methyl methacrylate	9.225	41	18959	19.425	ug/l	98
49) 1,4-Dioxane	9.231	88	5032	356.410	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	108514	98.047	ug/l	97
52) Toluene	10.170	92	132721	21.428	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	56873	20.037	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	71187	21.098	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	36899	20.854	ug/l	96
56) Ethyl methacrylate	10.445	69	36962	18.267	ug/l	95
57) 1,3-Dichloropropane	10.719	76	57618	20.312	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	96192	97.230	ug/l	96
59) 2-Hexanone	10.762	43	71355	97.747	ug/l	95
60) Dibromochloromethane	10.914	129	49782	20.321	ug/l	99
61) 1,2-Dibromoethane	11.018	107	32600	19.516	ug/l	96
64) Tetrachloroethene	10.652	164	62215	20.946	ug/l	97
65) Chlorobenzene	11.445	112	144595	20.536	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	51488	20.771	ug/l	98
67) Ethyl Benzene	11.524	91	233376	20.262	ug/l	100
68) m/p-Xylenes	11.633	106	190516	41.568	ug/l	99
69) o-Xylene	11.957	106	85905	20.336	ug/l	98
70) Styrene	11.969	104	144849	20.422	ug/l	99
71) Bromoform	12.133	173	27785	19.279	ug/l #	100
73) Isopropylbenzene	12.255	105	224663	19.748	ug/l	99
74) N-amyl acetate	12.072	43	35576	18.202	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	37799	19.707	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	49668	34.054	ug/l #	100
77) Bromobenzene	12.536	156	56402	19.621	ug/l	97
78) n-propylbenzene	12.597	91	278758	20.576	ug/l	100
79) 2-Chlorotoluene	12.682	91	157549	19.996	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	190512	20.325	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11866	19.592	ug/l	98
82) 4-Chlorotoluene	12.780	91	172094	21.012	ug/l	97
83) tert-Butylbenzene	12.999	119	163812	19.486	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	192841	20.568	ug/l	98
85) sec-Butylbenzene	13.176	105	252274	20.508	ug/l	99
86) p-Isopropyltoluene	13.292	119	210881	20.188	ug/l	98
87) 1,3-Dichlorobenzene	13.286	146	117918	20.197	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	117834	20.378	ug/l	99
89) n-Butylbenzene	13.621	91	186449	19.969	ug/l	100
90) Hexachloroethane	13.883	117	47427	20.665	ug/l	96
91) 1,2-Dichlorobenzene	13.658	146	102702	20.168	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5658	18.542	ug/l	82
93) 1,2,4-Trichlorobenzene	14.919	180	52876	18.324	ug/l	100
94) Hexachlorobutadiene	15.023	225	34398	19.374	ug/l	98
95) Naphthalene	15.145	128	76873	16.037	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	44854	18.007	ug/l	99

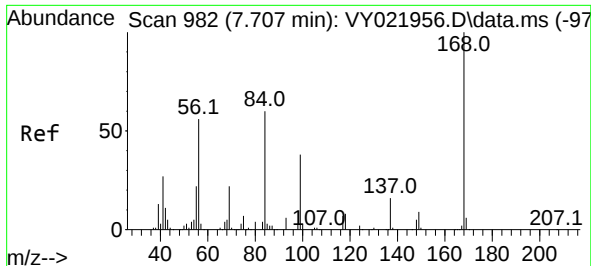
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QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

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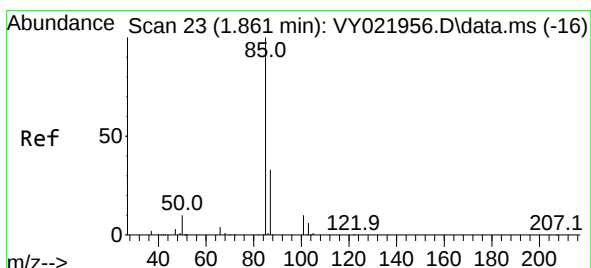
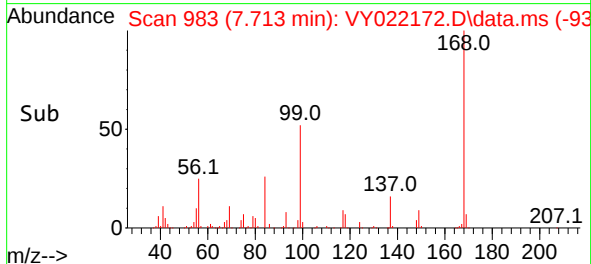
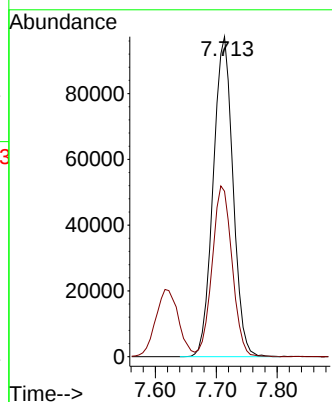
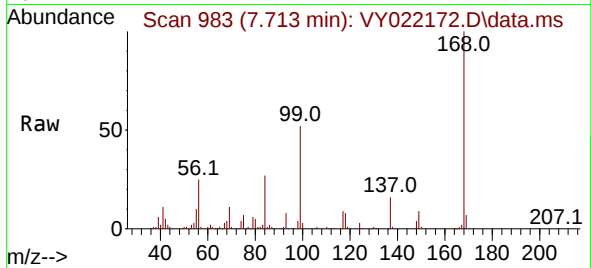
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

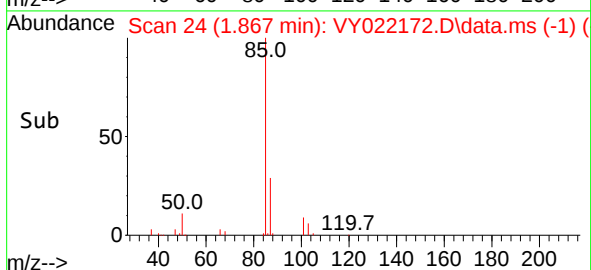
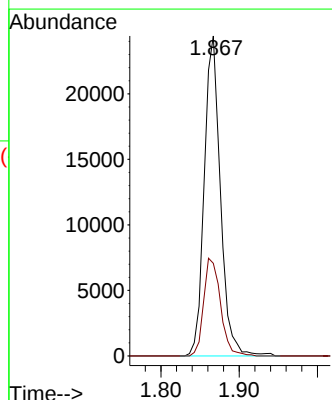
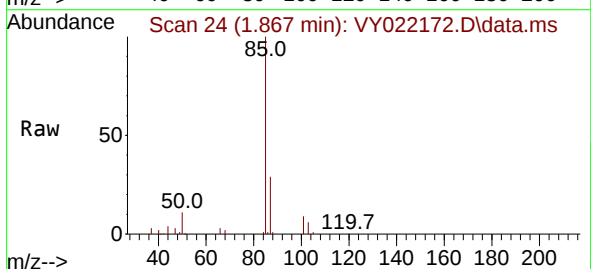
Instrument :
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ClientSampleId :
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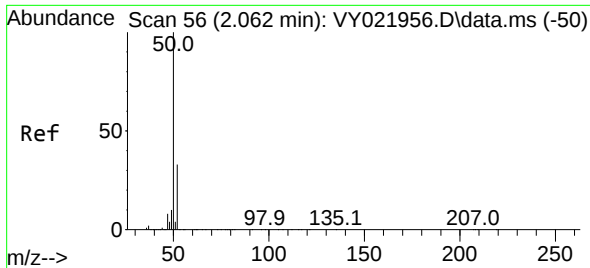
Tgt Ion:168 Resp: 219542
Ion Ratio Lower Upper
168 100
99 51.7 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 18.718 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 85 Resp: 35015
Ion Ratio Lower Upper
85 100
87 28.9 16.6 49.7

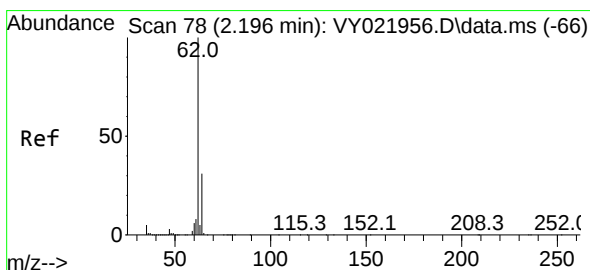
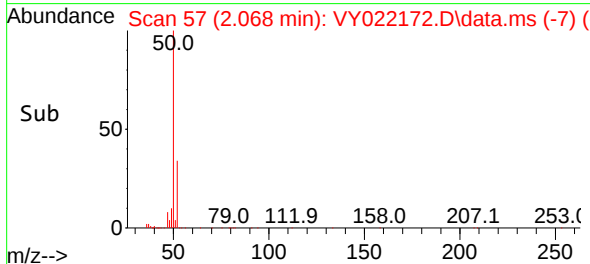
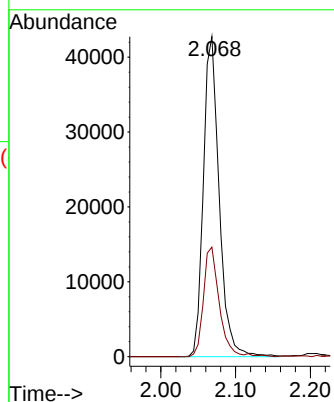
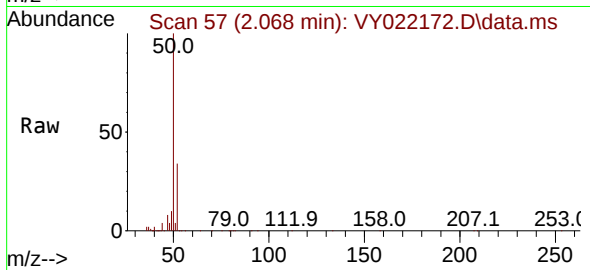




#3
Chloromethane
Concen: 23.582 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

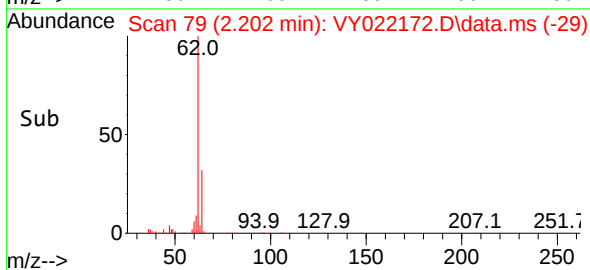
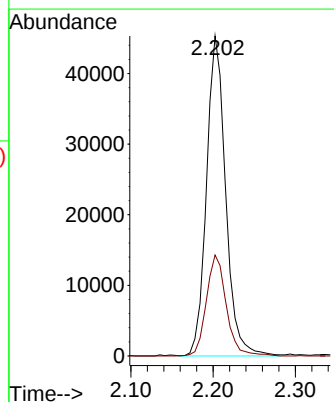
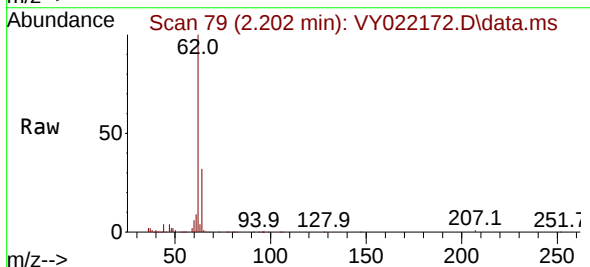
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ClientSampleId :
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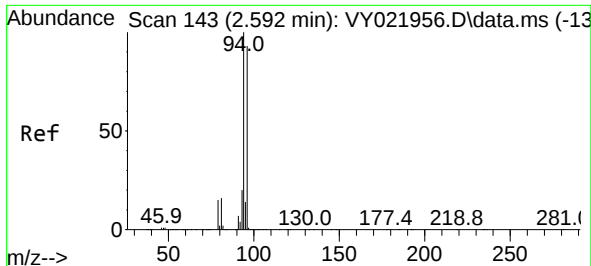
Tgt Ion: 50 Resp: 62815
Ion Ratio Lower Upper
50 100
52 34.3 26.1 39.1



#4
Vinyl Chloride
Concen: 22.420 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 62 Resp: 73388
Ion Ratio Lower Upper
62 100
64 31.6 25.1 37.7

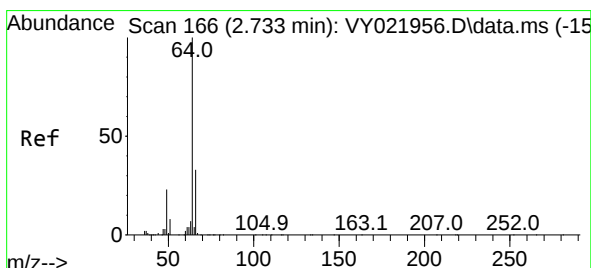
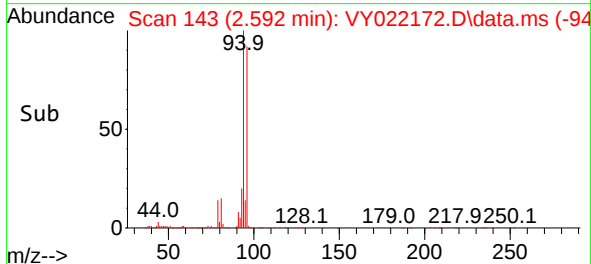
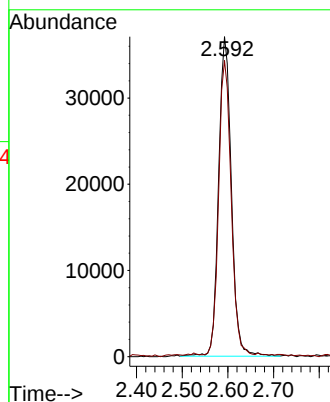
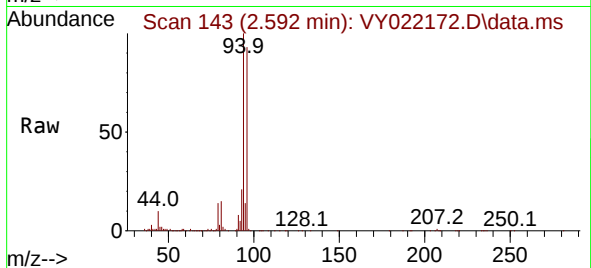




#5
Bromomethane
Concen: 25.462 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

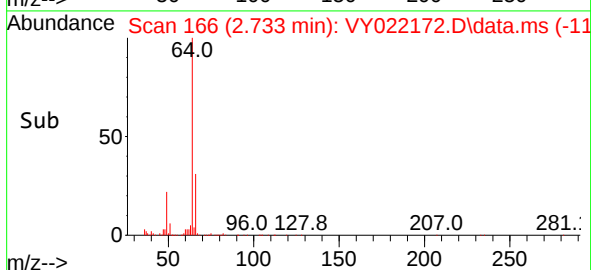
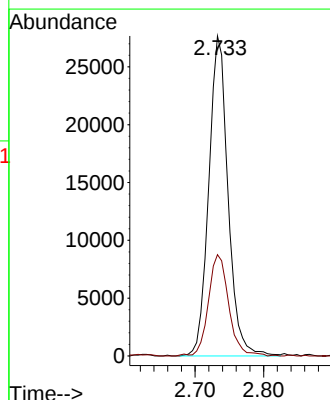
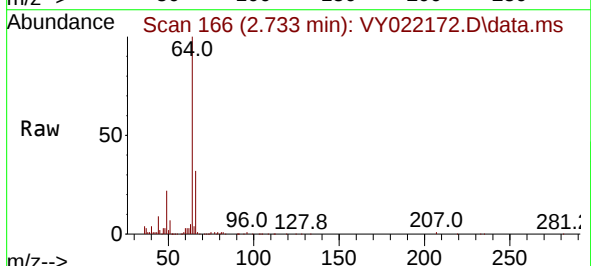
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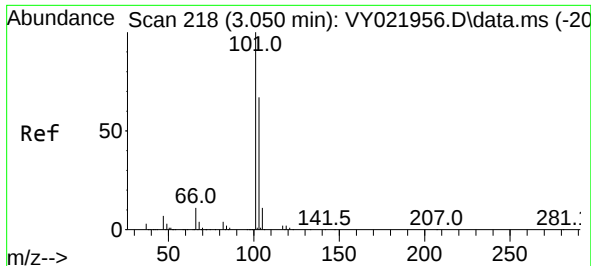
Tgt Ion: 94 Resp: 71804
Ion Ratio Lower Upper
94 100
96 92.2 74.6 111.8



#6
Chloroethane
Concen: 24.288 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 64 Resp: 54144
Ion Ratio Lower Upper
64 100
66 31.7 26.2 39.4

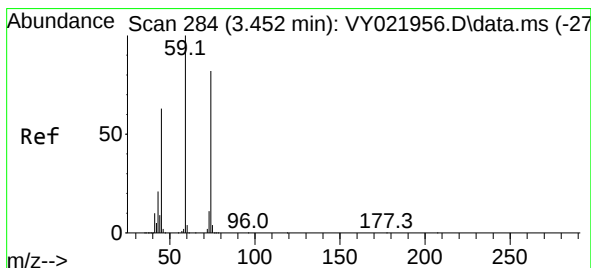
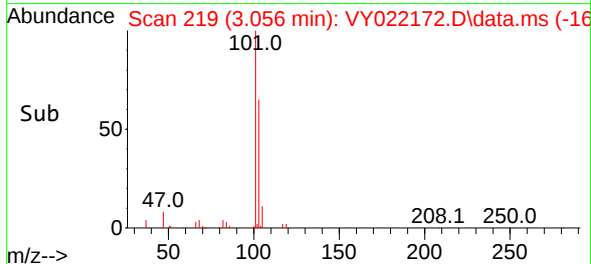
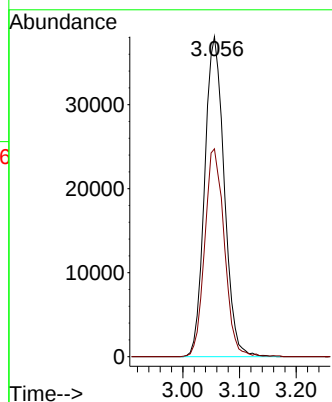
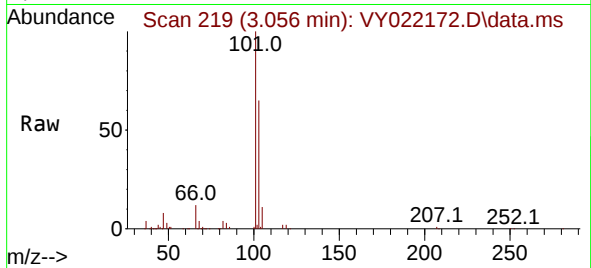




#7
 Trichlorofluoromethane
 Concen: 21.116 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022172.D
 Acq: 06 May 2025 10:17

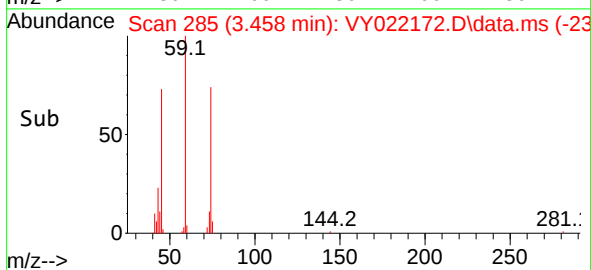
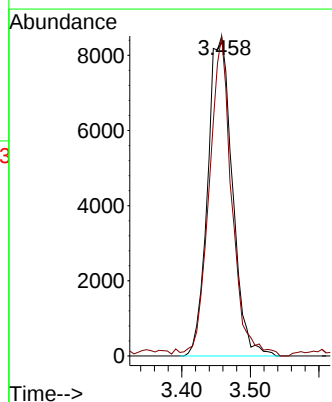
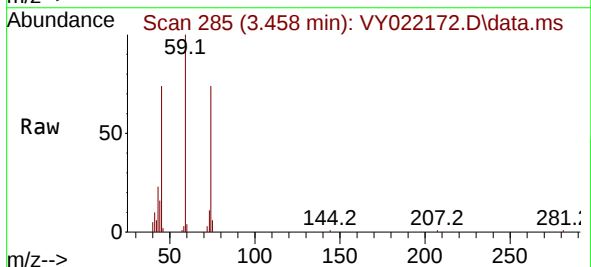
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

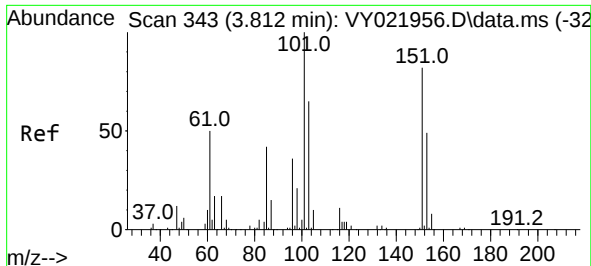
Tgt Ion:101 Resp: 91145
 Ion Ratio Lower Upper
 101 100
 103 65.0 53.6 80.4



#8
 Diethyl Ether
 Concen: 18.959 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY022172.D
 Acq: 06 May 2025 10:17

Tgt Ion: 74 Resp: 21299
 Ion Ratio Lower Upper
 74 100
 45 91.0 39.1 117.5

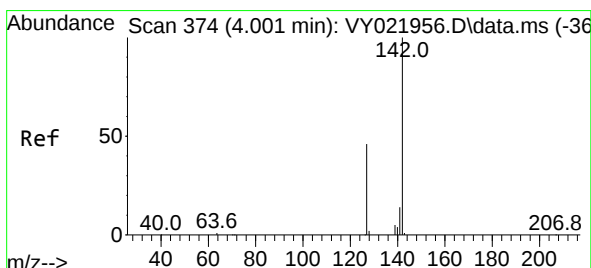
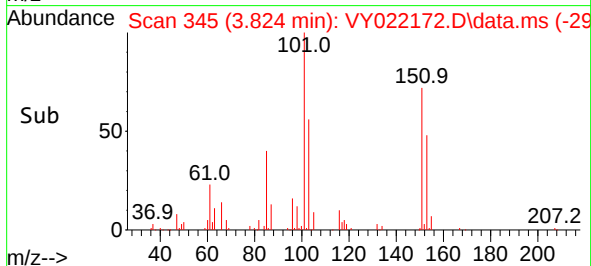
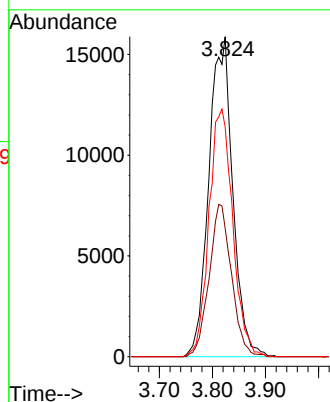
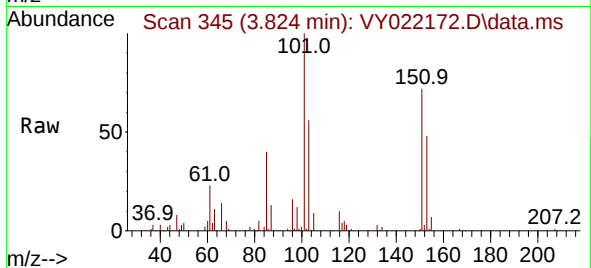




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.167 ug/l
RT: 3.824 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY022172.D
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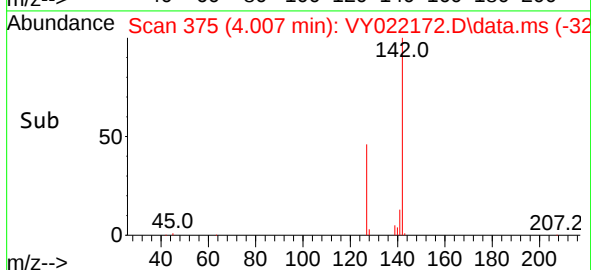
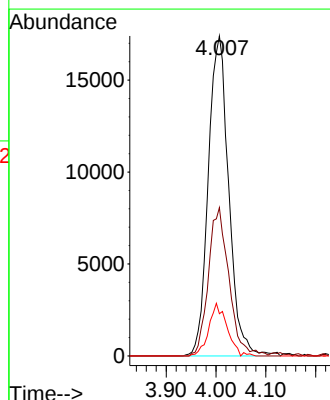
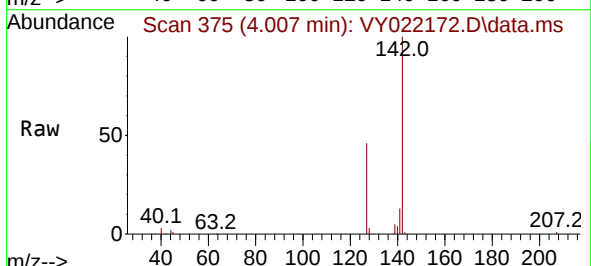
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

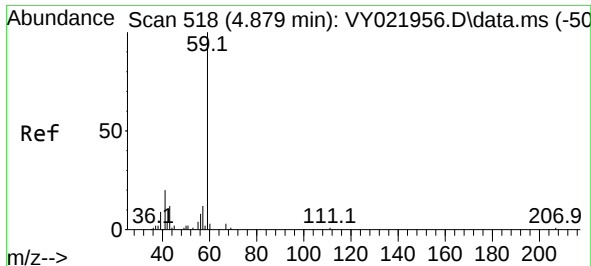
Tgt Ion:101 Resp: 49562
Ion Ratio Lower Upper
101 100
85 44.7 34.6 51.8
151 77.3 63.7 95.5



#10
Methyl Iodide
Concen: 18.321 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:142 Resp: 49667
Ion Ratio Lower Upper
142 100
127 46.4 36.2 54.2
141 14.7 11.7 17.5

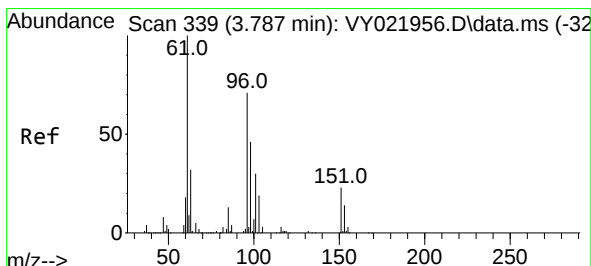
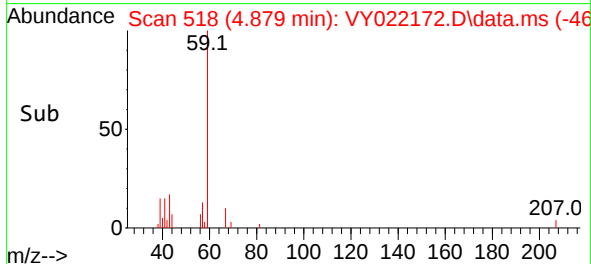
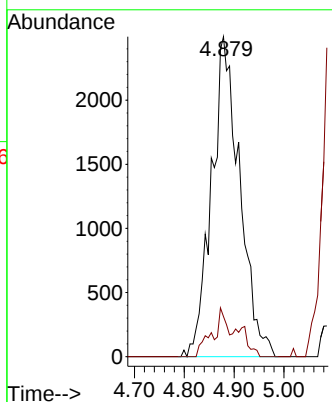
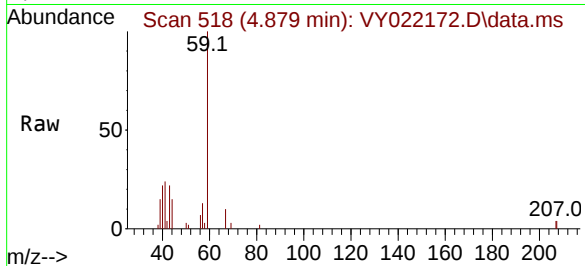




#11
Tert butyl alcohol
Concen: 87.911 ug/l
RT: 4.879 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

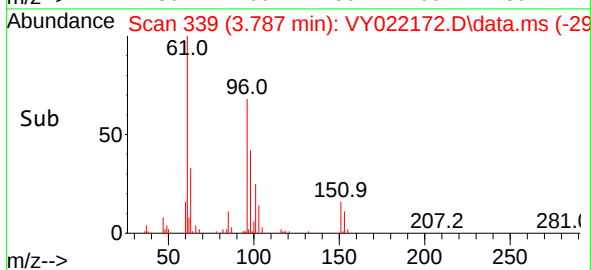
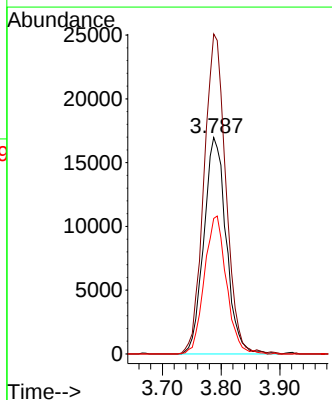
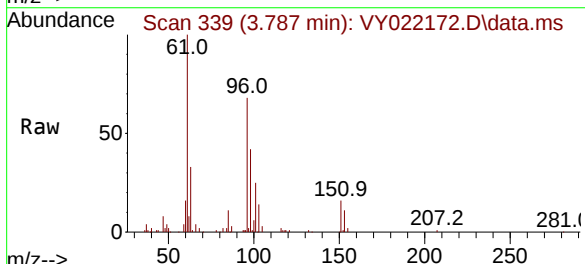
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

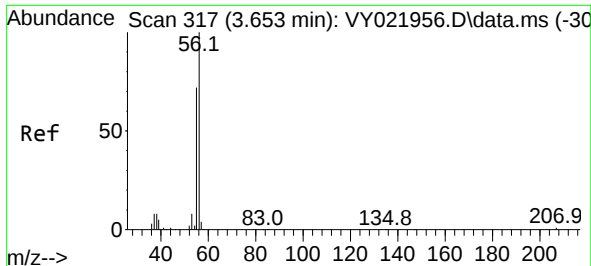
Tgt Ion: 59 Resp: 9787
Ion Ratio Lower Upper
59 100
57 8.5 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 20.538 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 96 Resp: 44825
Ion Ratio Lower Upper
96 100
61 147.8 113.0 169.4
98 62.6 51.4 77.2

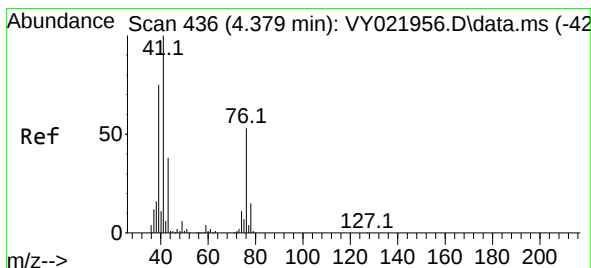
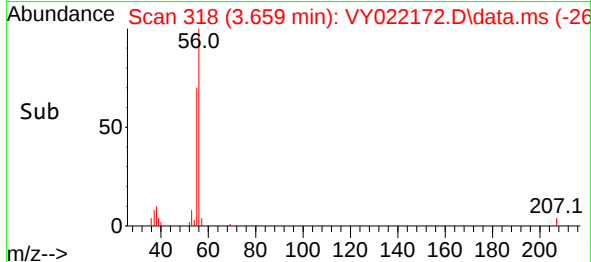
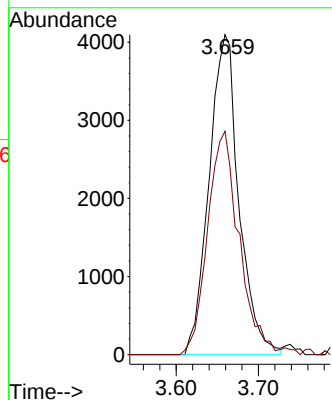
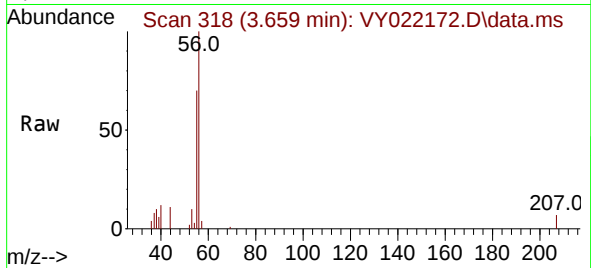




#13
Acrolein
Concen: 51.758 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

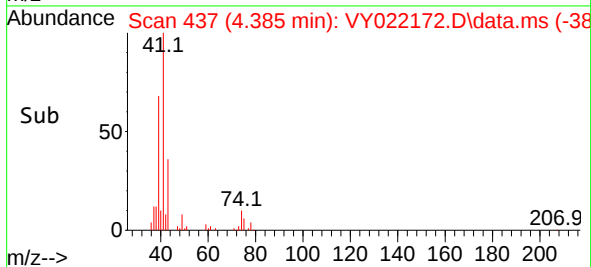
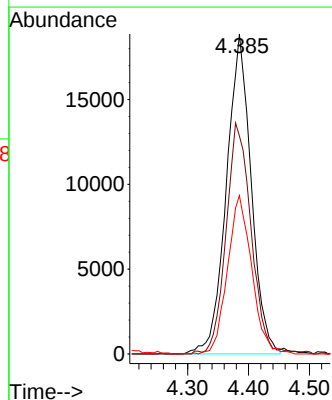
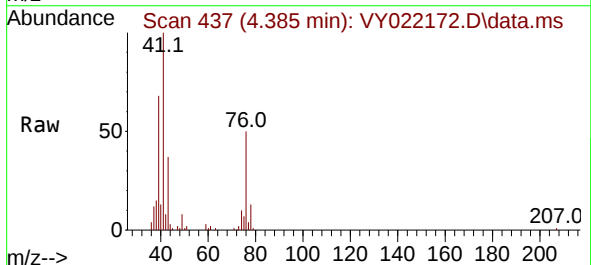
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tgt Ion: 56 Resp: 10342
Ion Ratio Lower Upper
56 100
55 73.6 57.4 86.0



#14
Allyl chloride
Concen: 20.895 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 41 Resp: 53099
Ion Ratio Lower Upper
41 100
39 73.4 57.2 85.8
76 48.6 39.7 59.5





#15

Acrylonitrile

Concen: 96.230 ug/l

RT: 5.061 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

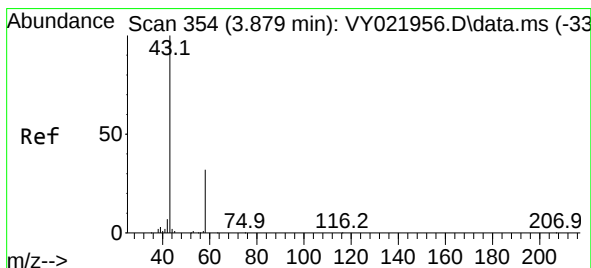
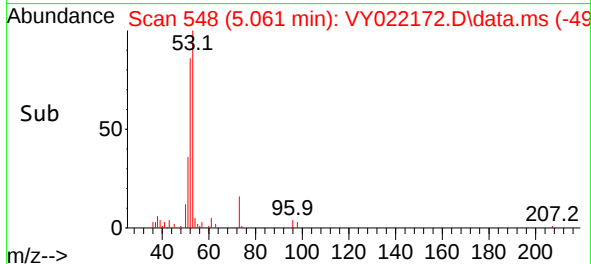
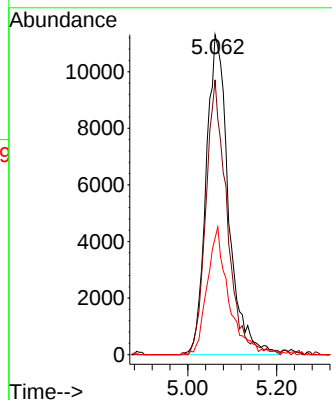
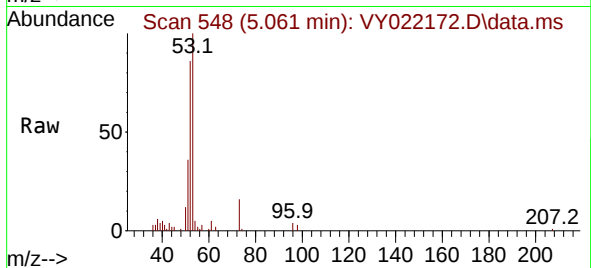
Tgt Ion: 53 Resp: 39578

Ion Ratio Lower Upper

53 100

52 81.0 65.0 97.6

51 38.0 28.9 43.3



#16

Acetone

Concen: 116.235 ug/l

RT: 3.873 min Scan# 353

Delta R.T. -0.006 min

Lab File: VY022172.D

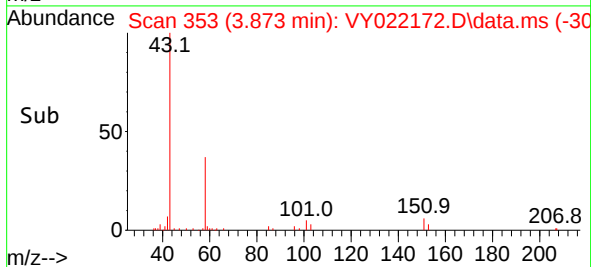
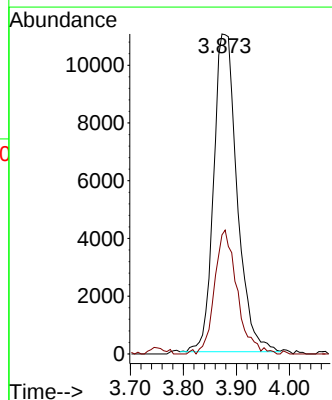
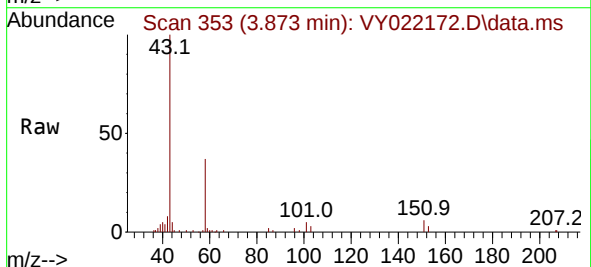
Acq: 06 May 2025 10:17

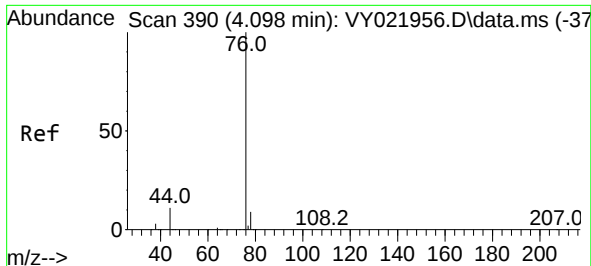
Tgt Ion: 43 Resp: 33886

Ion Ratio Lower Upper

43 100

58 37.5 27.0 40.4

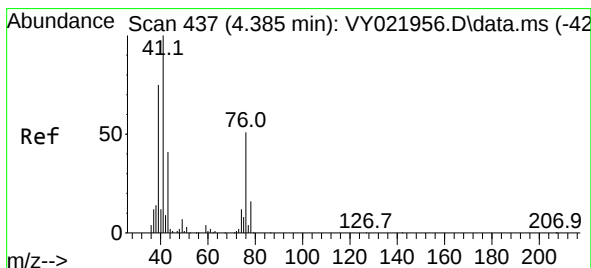
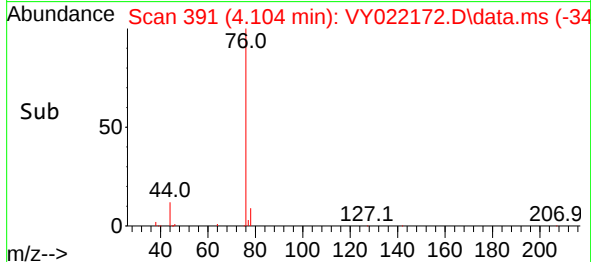
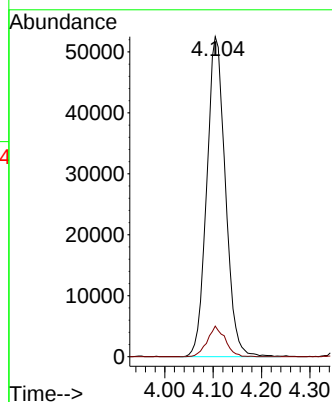
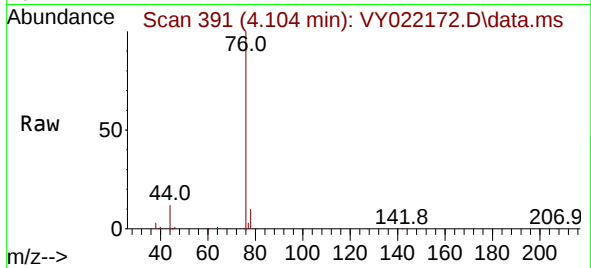




#17
Carbon Disulfide
Concen: 20.209 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

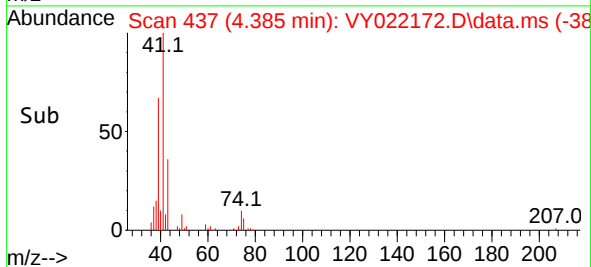
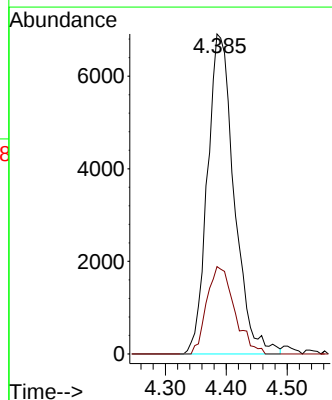
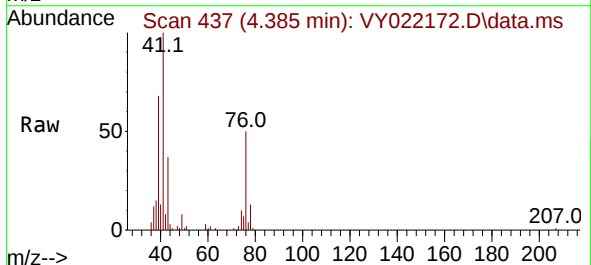
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tgt Ion: 76 Resp: 140631
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 22.236 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 43 Resp: 21063
Ion Ratio Lower Upper
43 100
74 28.2 24.2 36.4

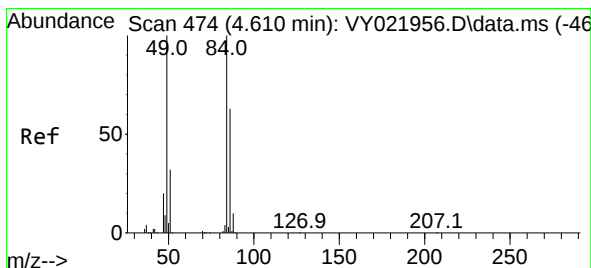
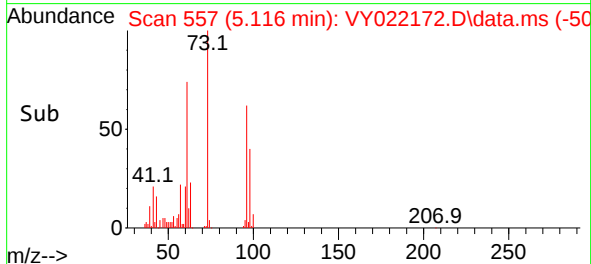
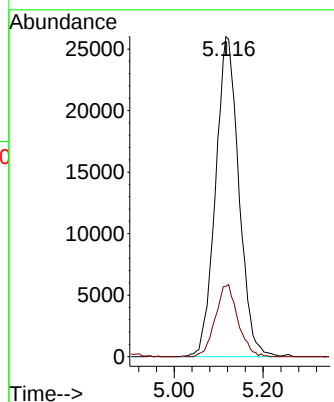
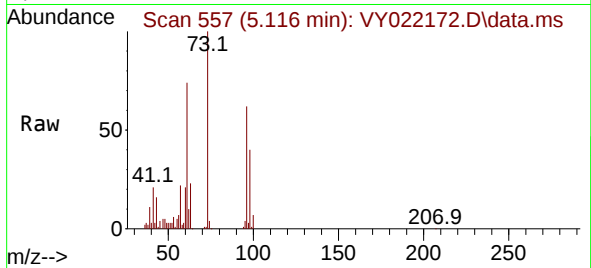




#19
Methyl tert-butyl Ether
Concen: 19.375 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

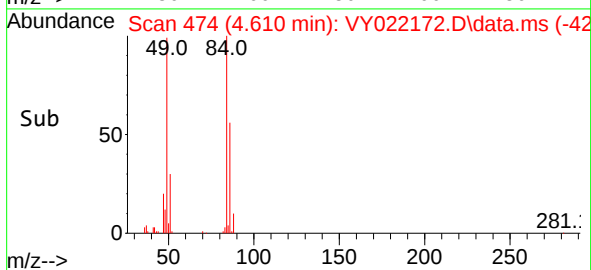
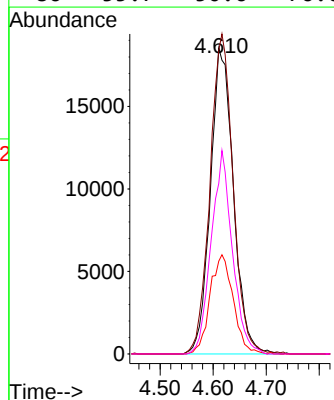
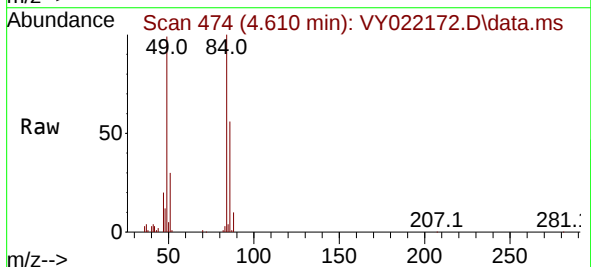
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tgt Ion: 73 Resp: 94642
Ion Ratio Lower Upper
73 100
57 22.0 16.9 25.3



#20
Methylene Chloride
Concen: 21.797 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 84 Resp: 55892
Ion Ratio Lower Upper
84 100
49 99.2 79.9 119.9
51 30.3 25.4 38.0
86 55.7 50.6 76.0

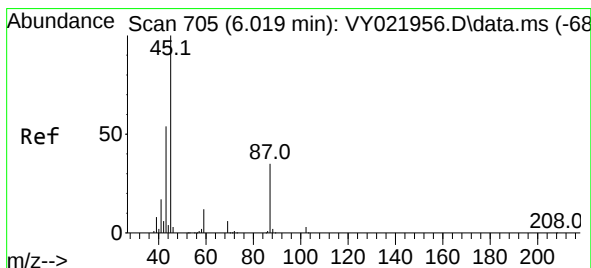
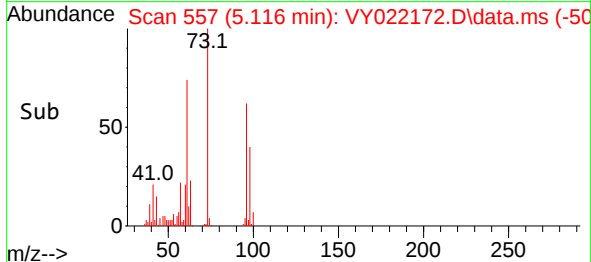
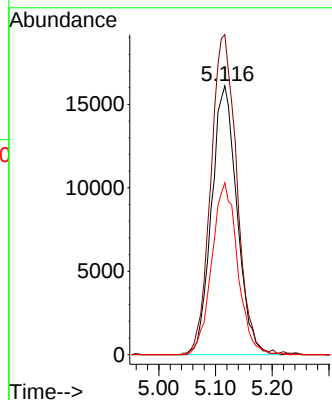
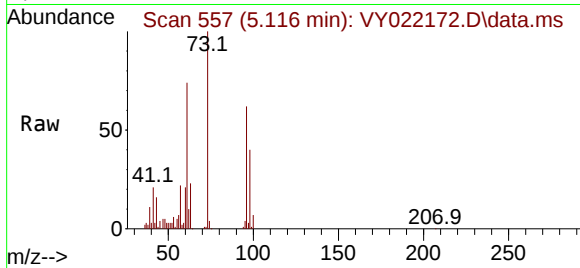




#21
trans-1,2-Dichloroethene
Concen: 20.485 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

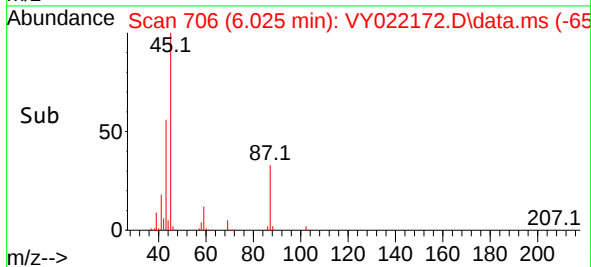
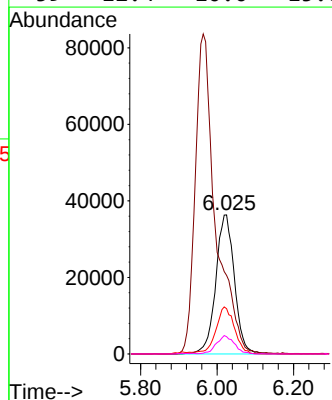
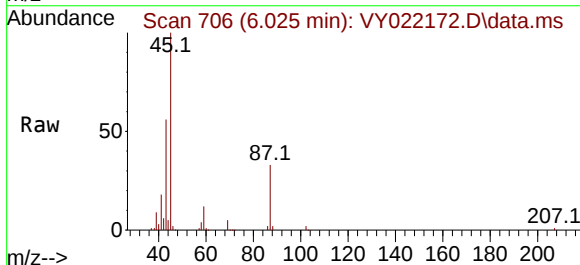
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

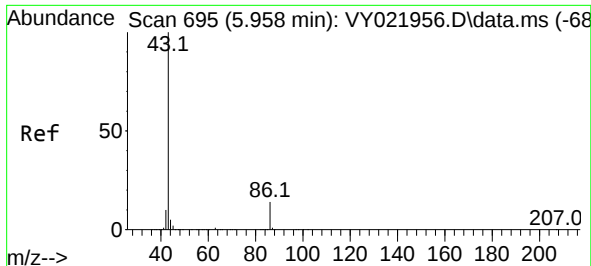
Tgt Ion: 96 Resp: 50071
Ion Ratio Lower Upper
96 100
61 119.1 92.6 138.8
98 63.9 50.2 75.4



#22
Diisopropyl ether
Concen: 21.755 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 45 Resp: 123033
Ion Ratio Lower Upper
45 100
43 56.2 43.6 65.4
87 32.5 28.2 42.4
59 12.4 10.0 15.0

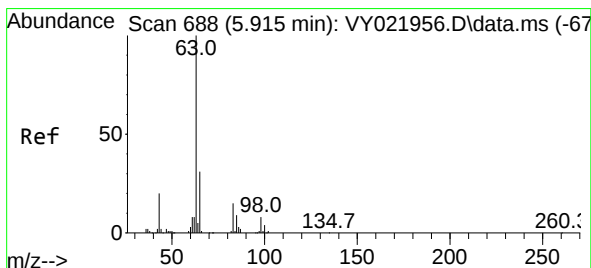
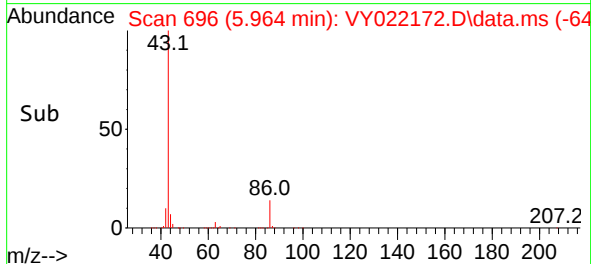
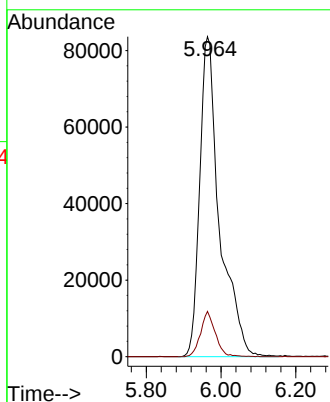
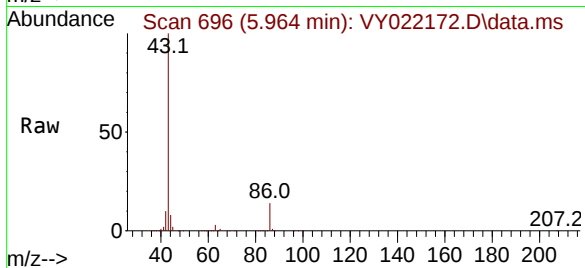




#23
 Vinyl Acetate
 Concen: 101.299 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022172.D
 Acq: 06 May 2025 10:17

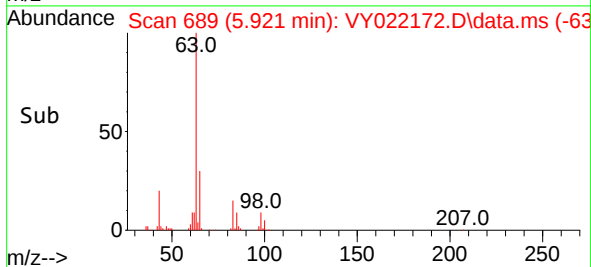
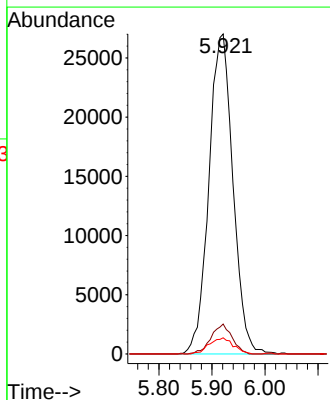
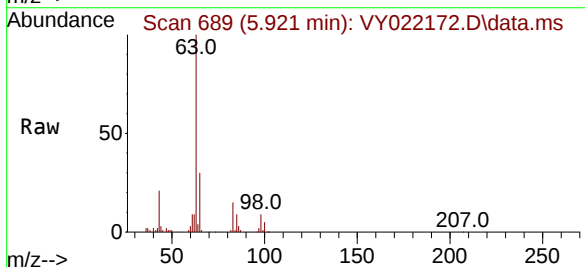
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

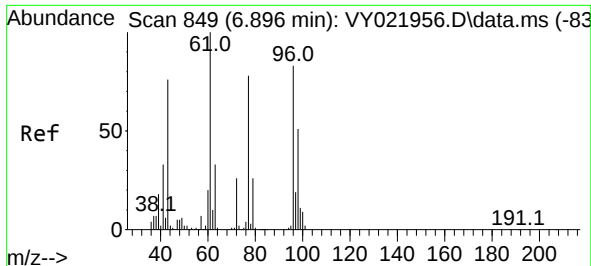
Tgt Ion: 43 Resp: 308743
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 21.739 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY022172.D
 Acq: 06 May 2025 10:17

Tgt Ion: 63 Resp: 85218
 Ion Ratio Lower Upper
 63 100
 98 9.3 4.0 11.9
 100 5.0 2.0 6.0

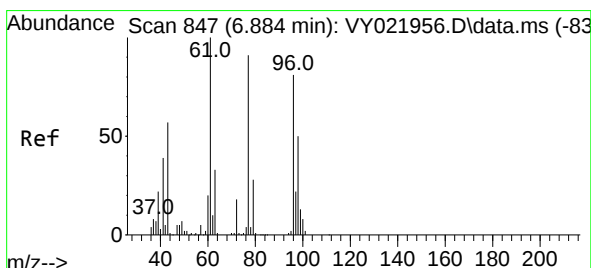
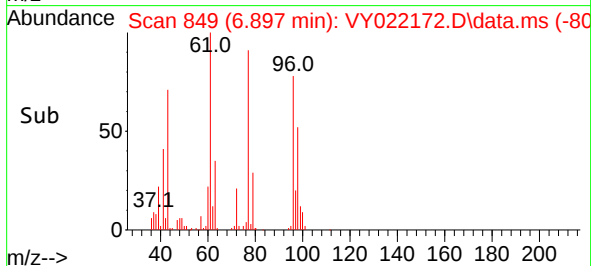
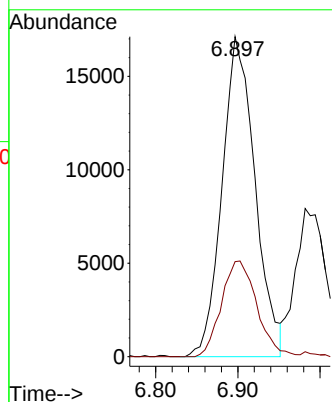
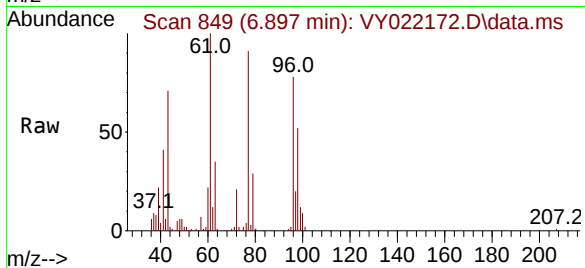




#25
2-Butanone
Concen: 103.259 ug/l
RT: 6.897 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

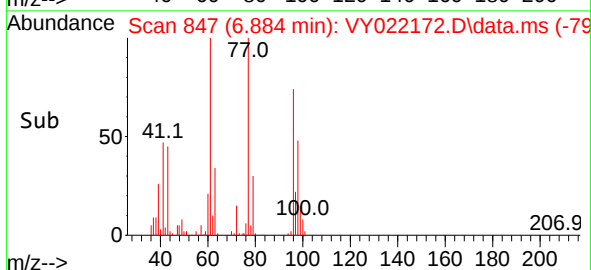
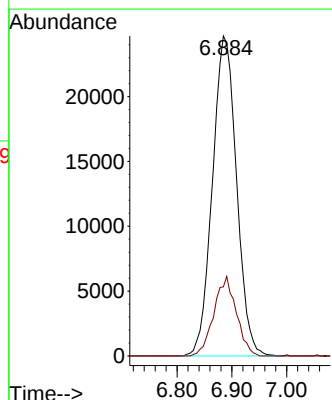
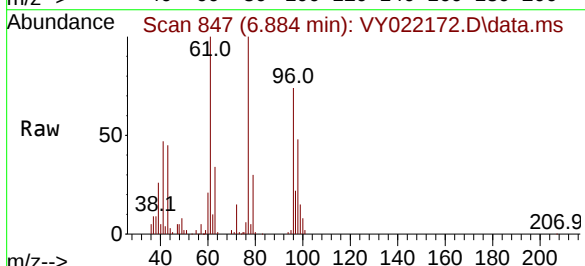
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

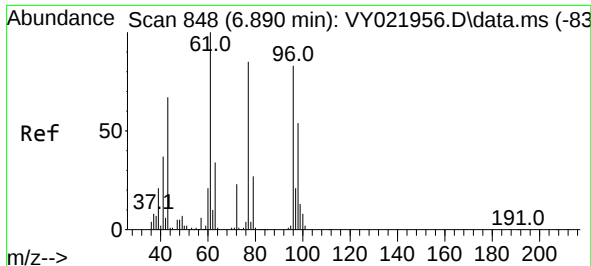
Tgt Ion: 43 Resp: 47731
Ion Ratio Lower Upper
43 100
72 29.7 27.0 40.4



#26
2,2-Dichloropropane
Concen: 21.929 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 77 Resp: 75342
Ion Ratio Lower Upper
77 100
97 23.1 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 20.648 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

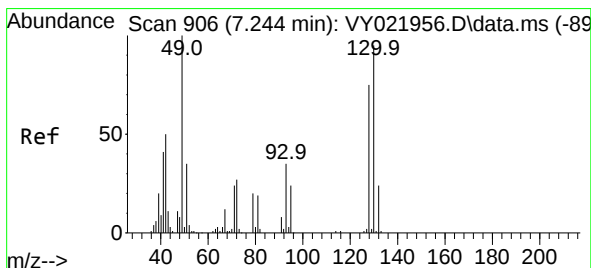
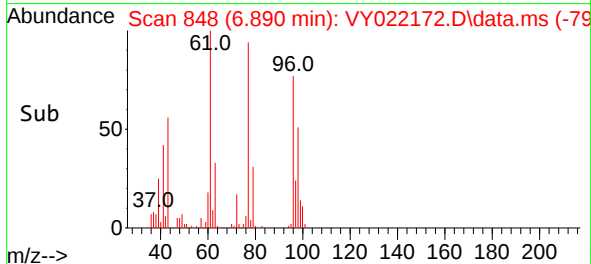
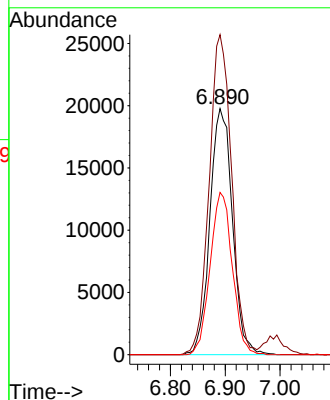
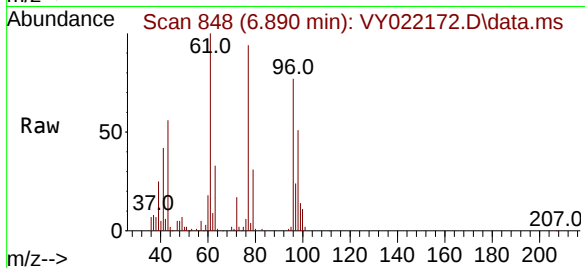
Tgt Ion: 96 Resp: 56432

Ion Ratio Lower Upper

96 100

61 129.1 0.0 251.4

98 64.8 0.0 128.4



#28

Bromochloromethane

Concen: 20.546 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

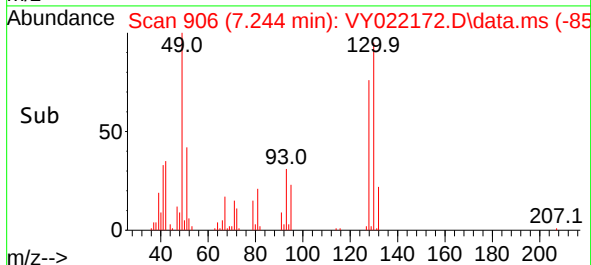
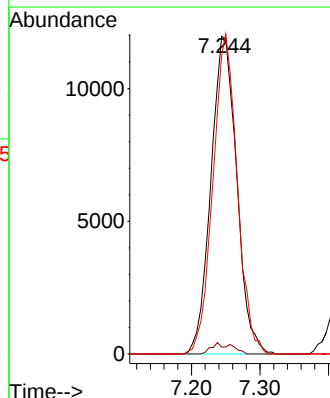
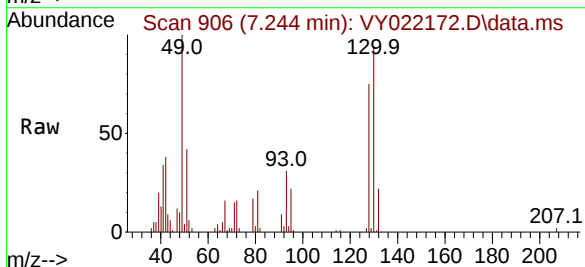
Tgt Ion: 49 Resp: 31283

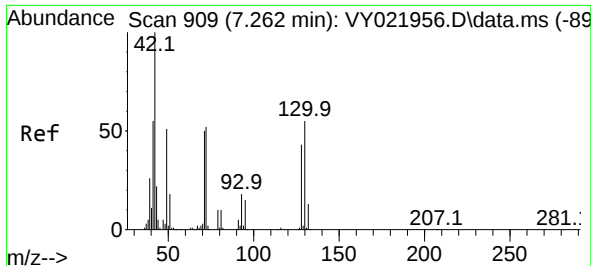
Ion Ratio Lower Upper

49 100

129 1.8 0.0 5.0

130 94.7 78.2 117.4





#29

Tetrahydrofuran

Concen: 96.450 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

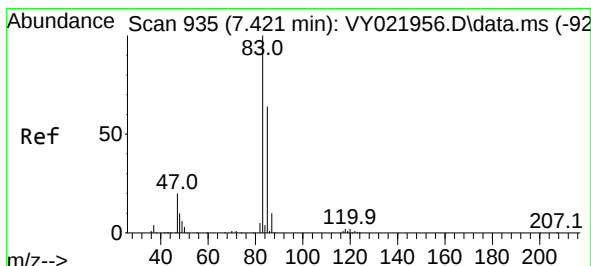
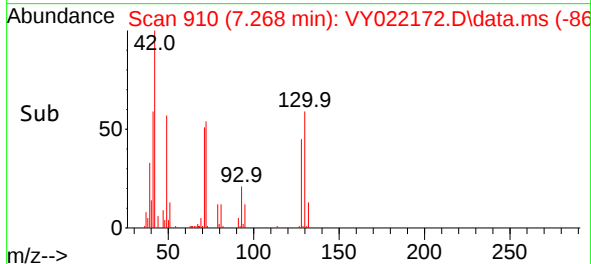
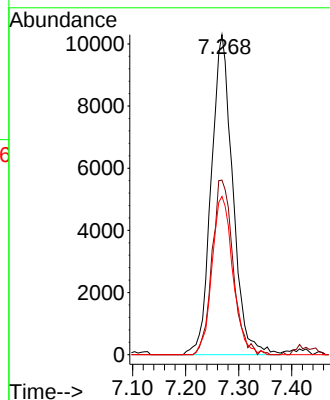
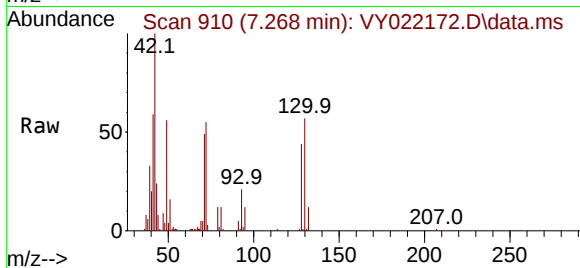
Tgt Ion: 42 Resp: 28956

Ion Ratio Lower Upper

42 100

72 53.1 42.6 63.8

71 48.2 40.6 61.0



#30

Chloroform

Concen: 21.746 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022172.D

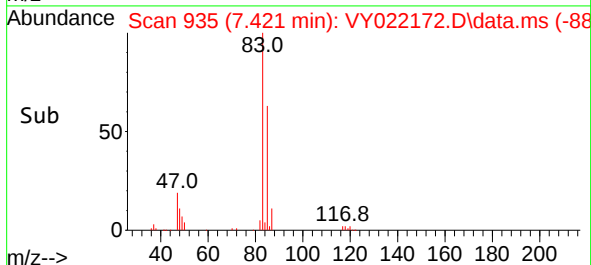
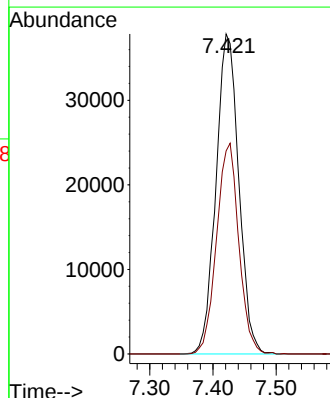
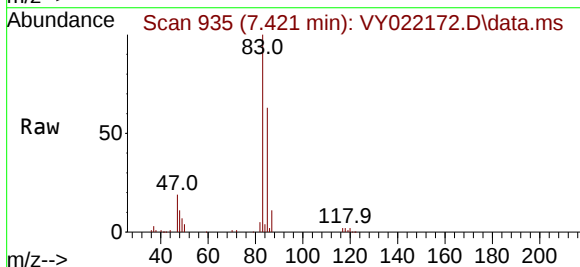
Acq: 06 May 2025 10:17

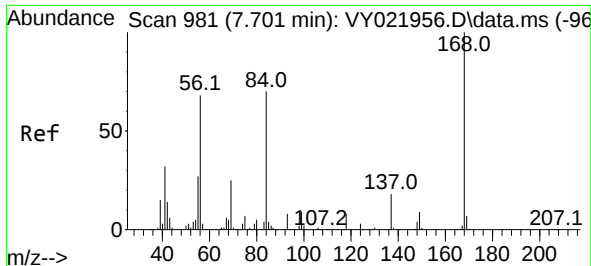
Tgt Ion: 83 Resp: 94557

Ion Ratio Lower Upper

83 100

85 63.5 51.3 76.9

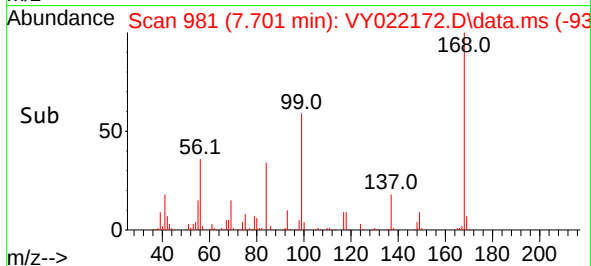
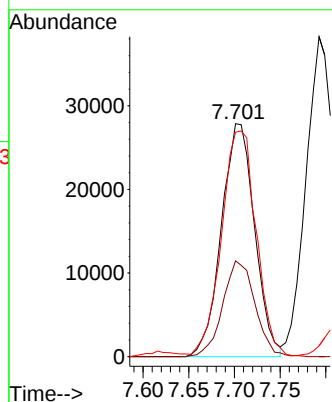
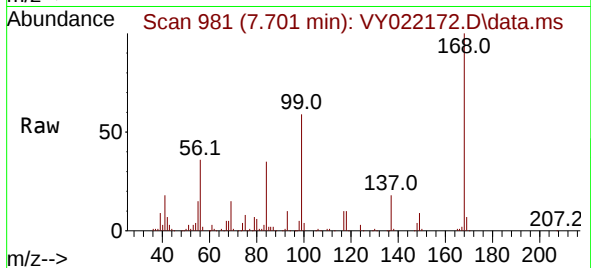




#31
Cyclohexane
Concen: 21.021 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

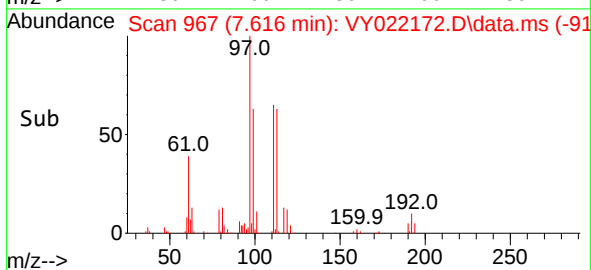
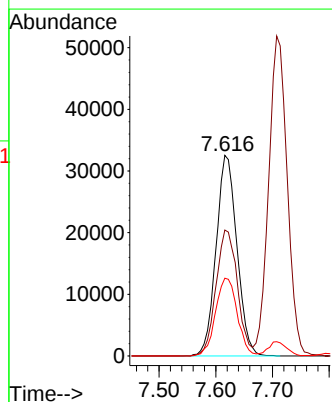
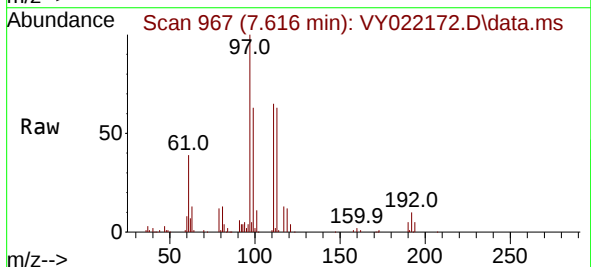
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tgt Ion: 56 Resp: 70466
Ion Ratio Lower Upper
56 100
69 41.1 29.4 44.2
84 95.3 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 21.086 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 97 Resp: 82948
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 40.4 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 51.563 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

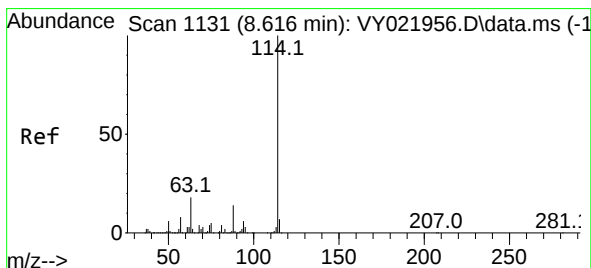
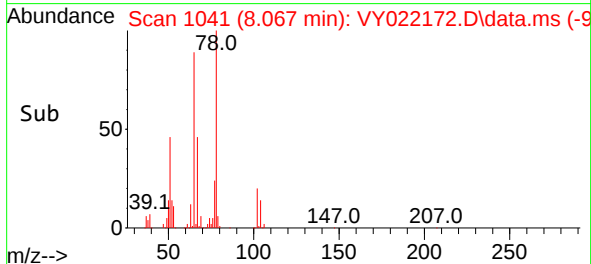
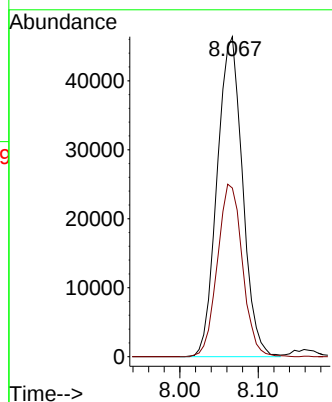
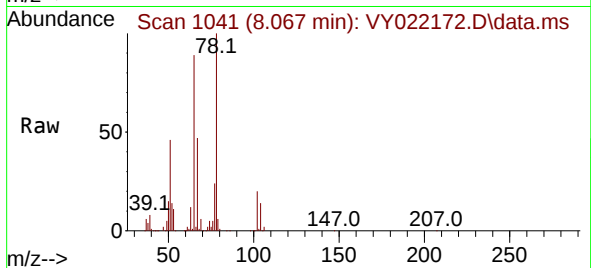
VY0506SBS01

Tgt Ion: 65 Resp: 104562

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

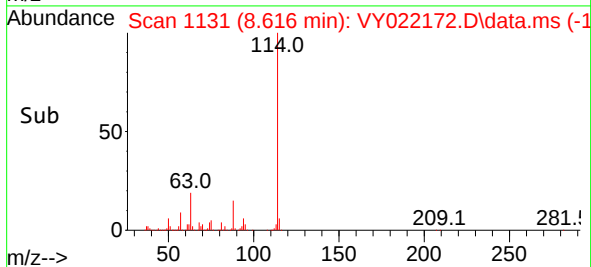
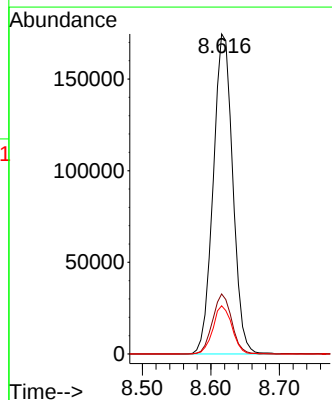
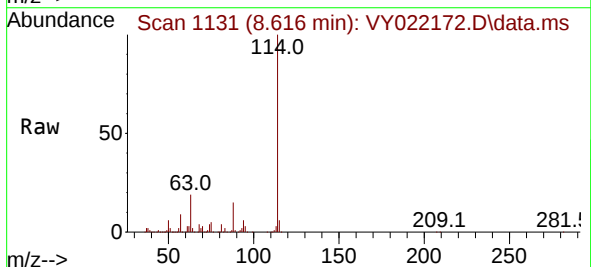
Tgt Ion: 114 Resp: 344933

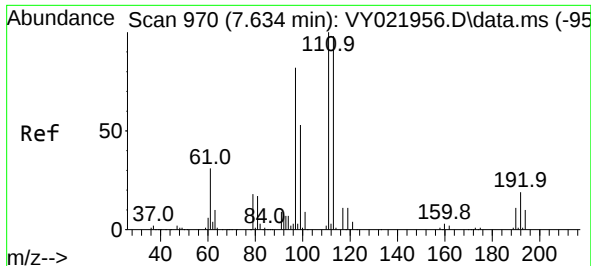
Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.4

88 15.1 0.0 28.2

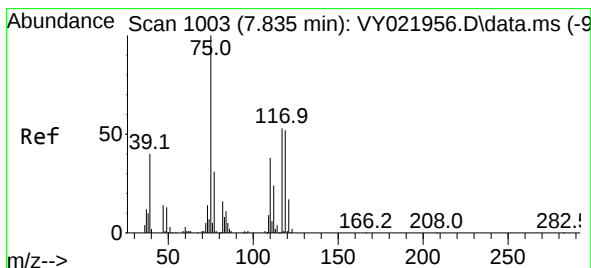
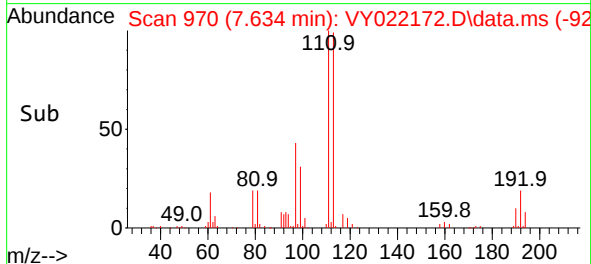
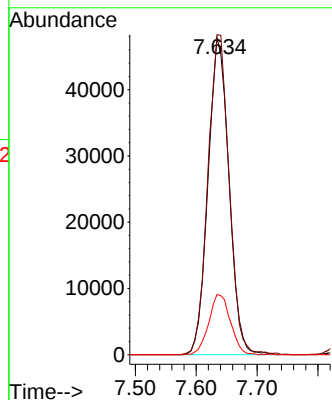
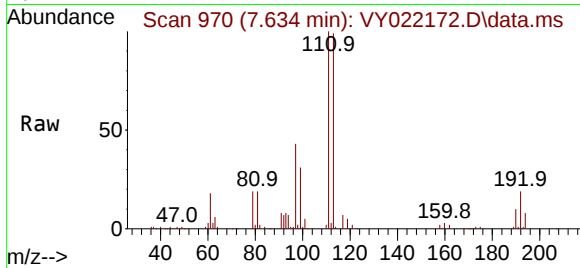




#35
Dibromofluoromethane
Concen: 50.141 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

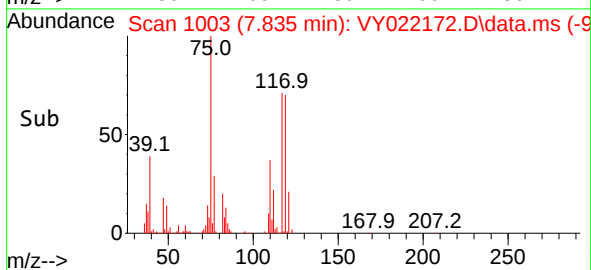
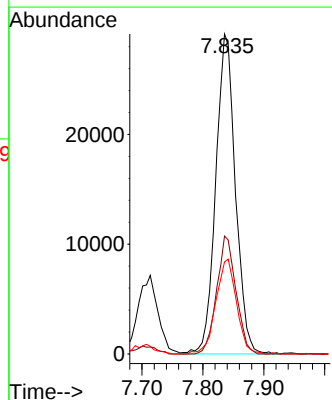
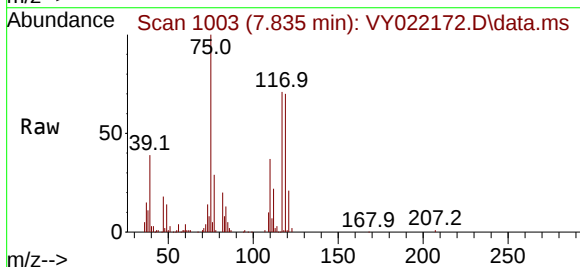
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

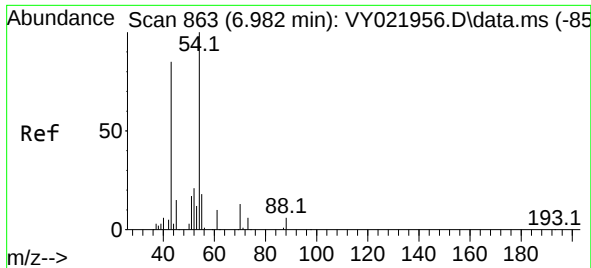
Tgt Ion:113 Resp: 114262
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 19.6 15.6 23.4



#36
1,1-Dichloropropene
Concen: 21.384 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 75 Resp: 65457
Ion Ratio Lower Upper
75 100
110 36.0 19.1 57.3
77 31.1 25.5 38.3

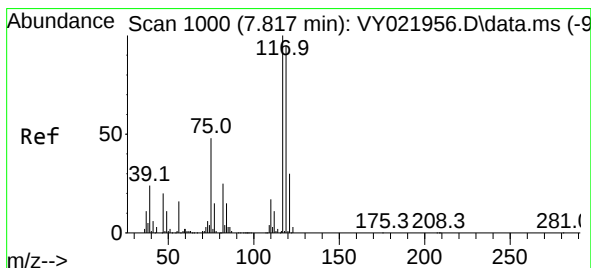
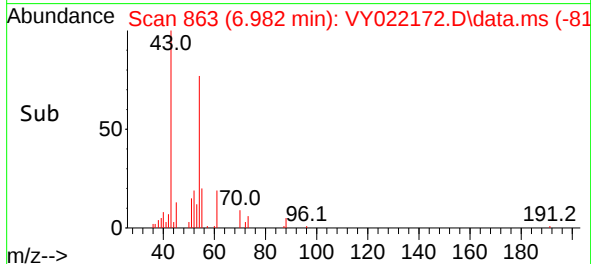
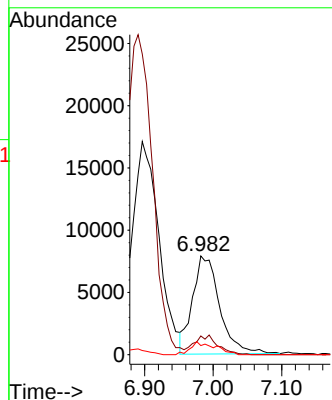
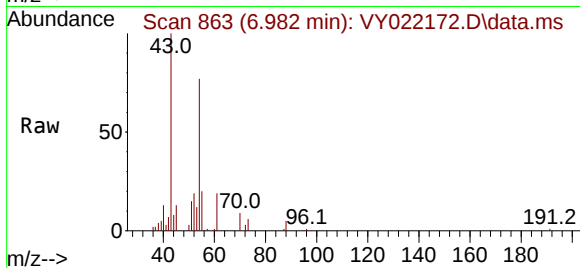




#37
Ethyl Acetate
Concen: 19.729 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

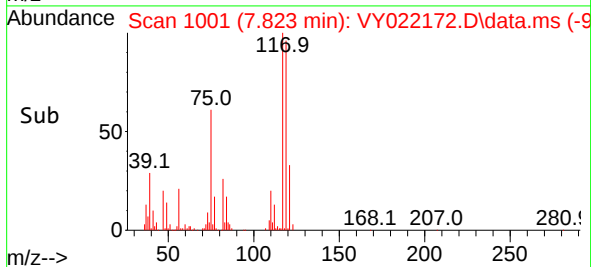
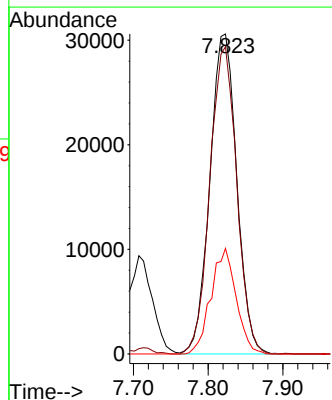
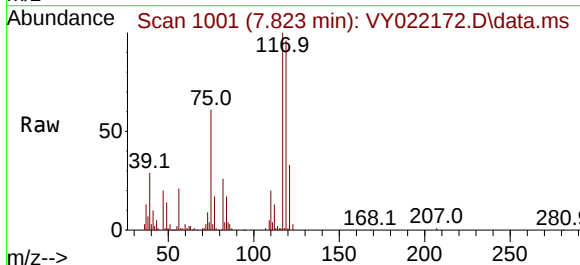
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tgt Ion: 43 Resp: 21690
Ion Ratio Lower Upper
43 100
61 17.4 13.8 20.6
70 11.9 9.2 13.8



#38
Carbon Tetrachloride
Concen: 20.904 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 117 Resp: 76460
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.4
121 33.0 24.0 36.0





#39

Methylcyclohexane

Concen: 20.300 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

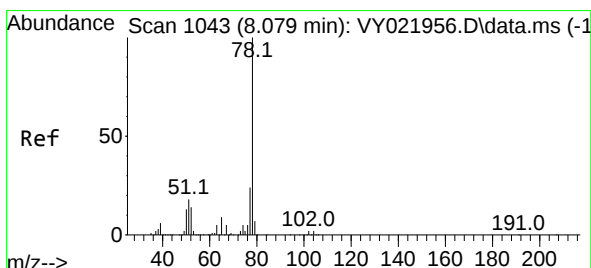
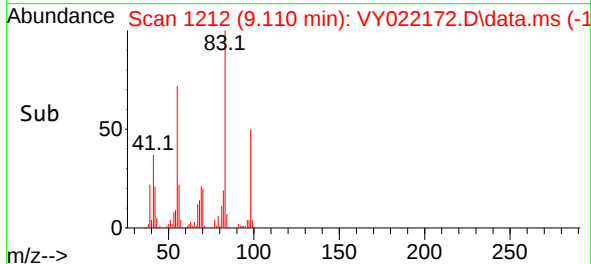
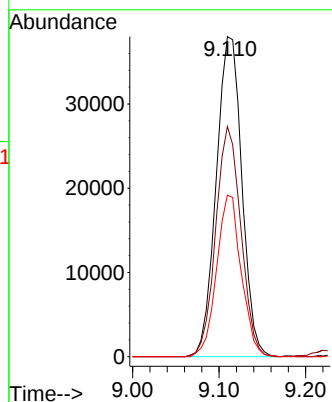
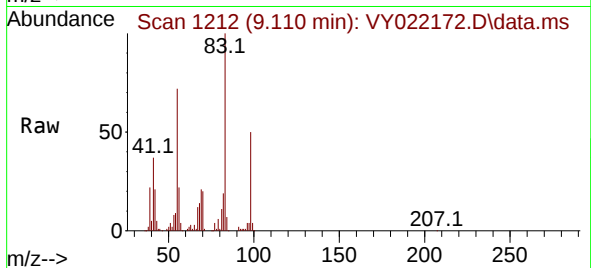
Tgt Ion: 83 Resp: 78200

Ion Ratio Lower Upper

83 100

55 72.0 50.6 75.8

98 50.5 38.6 58.0



#40

Benzene

Concen: 21.261 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY022172.D

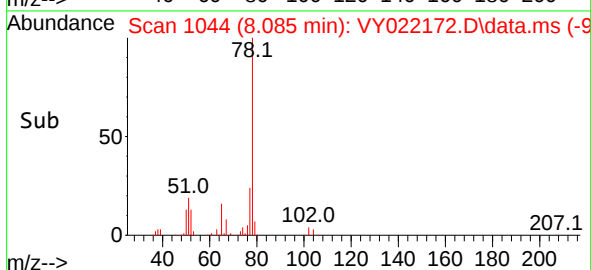
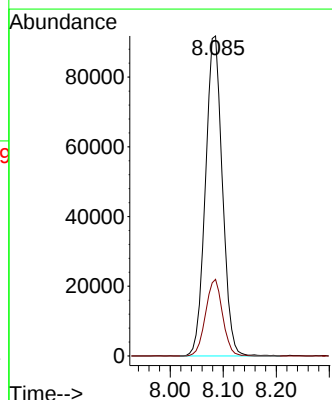
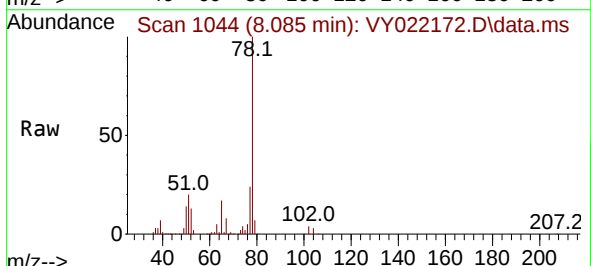
Acq: 06 May 2025 10:17

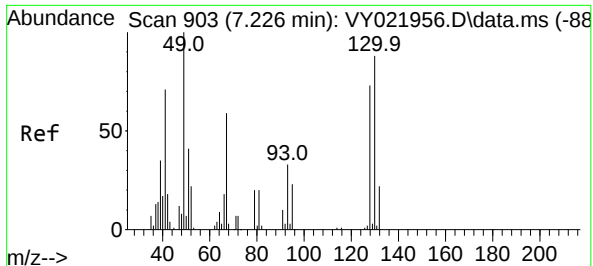
Tgt Ion: 78 Resp: 203440

Ion Ratio Lower Upper

78 100

77 24.0 19.3 28.9

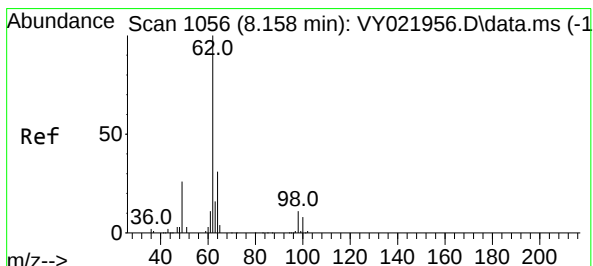
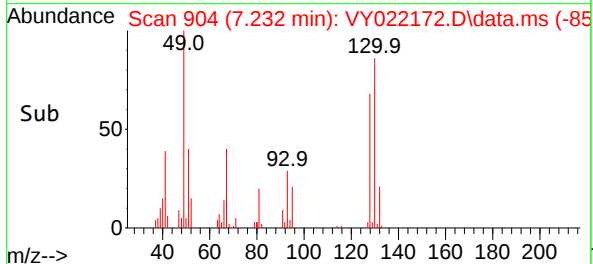
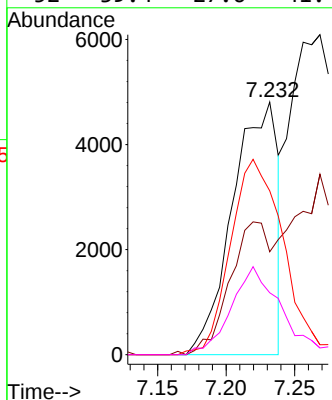
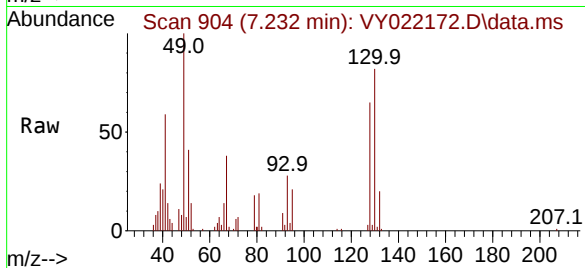




#41
Methacrylonitrile
Concen: 18.308 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

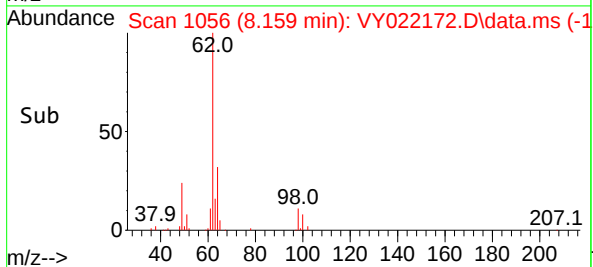
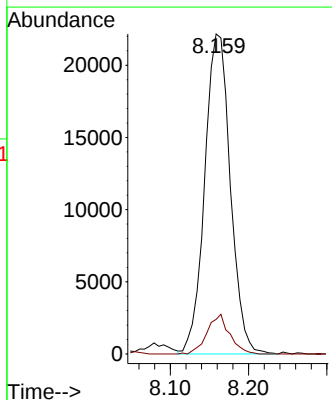
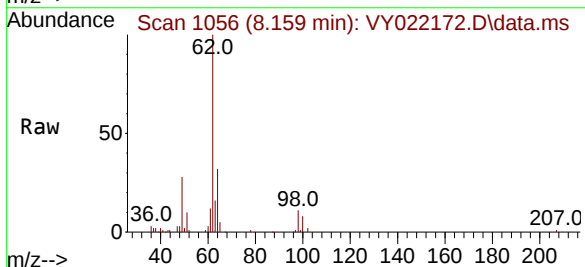
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

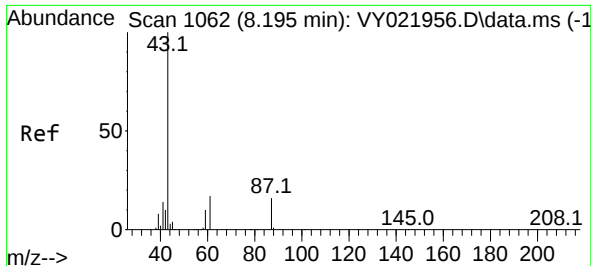
Tgt Ion:	41	Resp:	11003
Ion	Ratio	Lower	Upper
41	100		
39	46.2	36.6	55.0
67	91.2	72.2	108.4
52	39.4	27.6	41.4



#42
1,2-Dichloroethane
Concen: 21.316 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:	62	Resp:	50500
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0

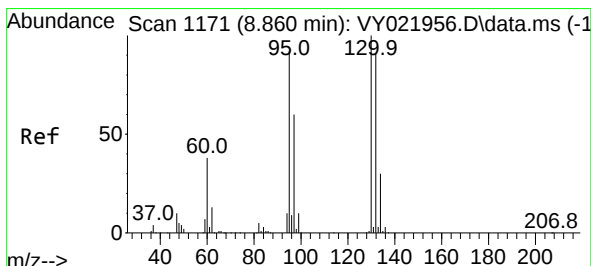
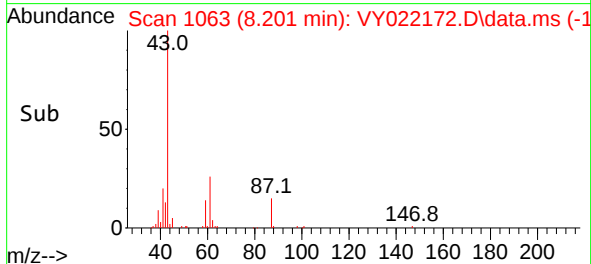
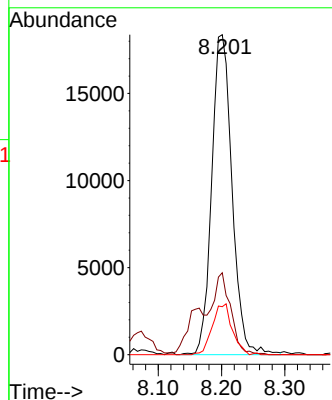
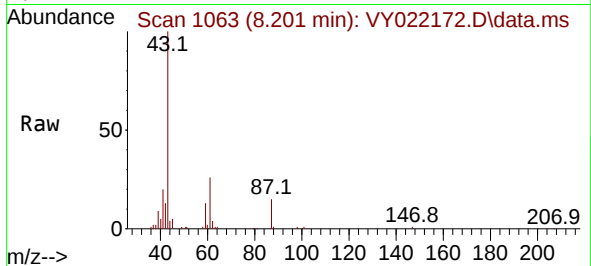




#43
Isopropyl Acetate
Concen: 19.422 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

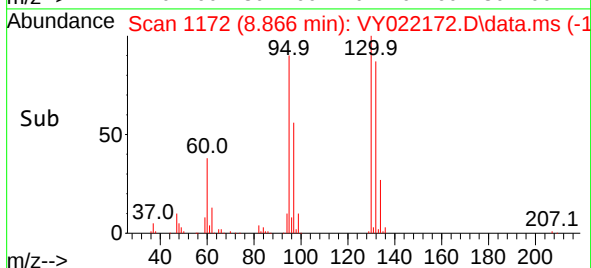
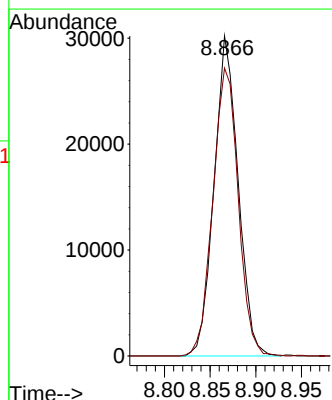
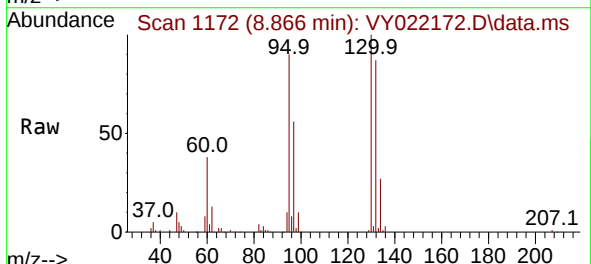
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tgt Ion: 43 Resp: 41006
Ion Ratio Lower Upper
43 100
61 22.2 18.9 28.3
87 15.5 13.7 20.5



#44
Trichloroethene
Concen: 20.853 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:130 Resp: 55269
Ion Ratio Lower Upper
130 100
95 90.0 0.0 183.2





#45

1,2-Dichloropropane

Concen: 21.648 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

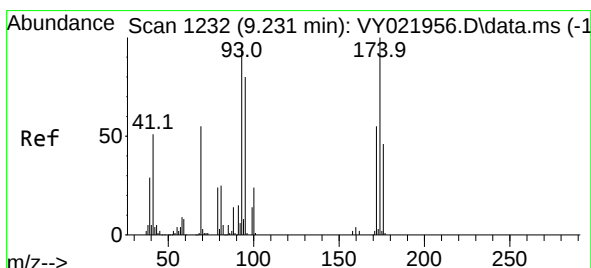
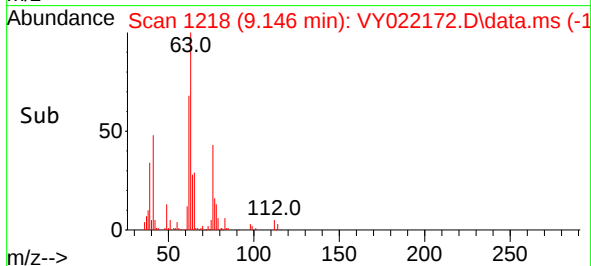
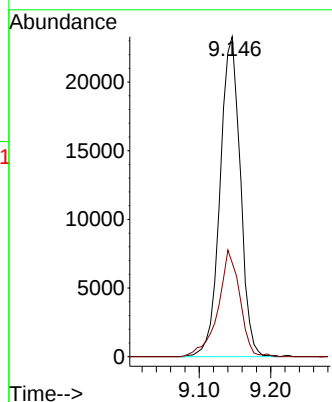
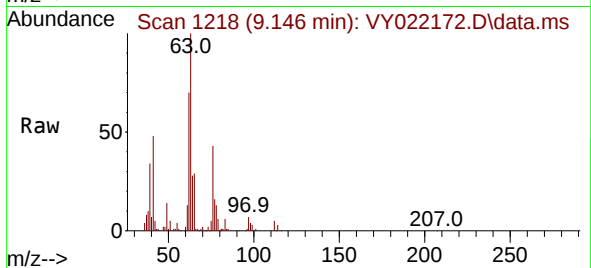
VY0506SBS01

Tgt Ion: 63 Resp: 45808

Ion Ratio Lower Upper

63 100

65 29.3 25.2 37.8



#46

Dibromomethane

Concen: 20.176 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

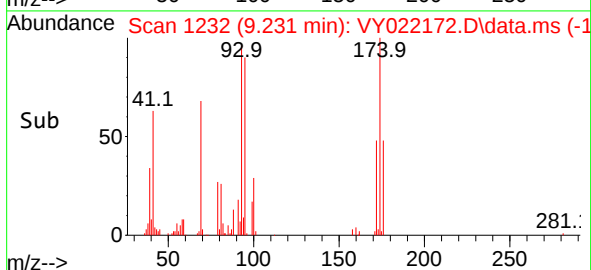
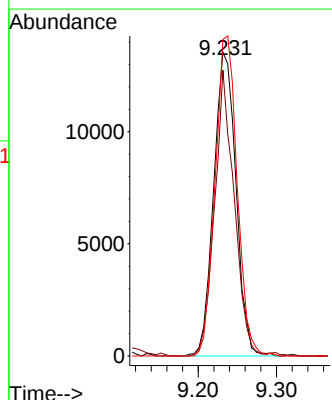
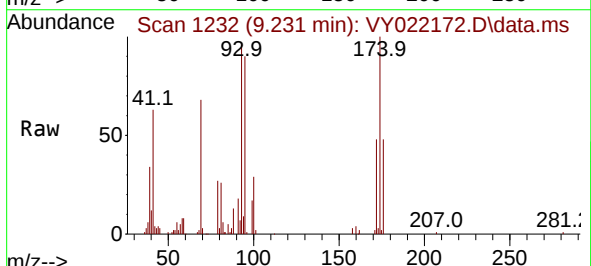
Tgt Ion: 93 Resp: 26726

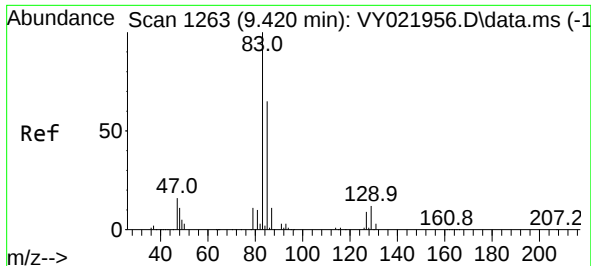
Ion Ratio Lower Upper

93 100

95 82.9 66.7 100.1

174 104.6 84.6 127.0

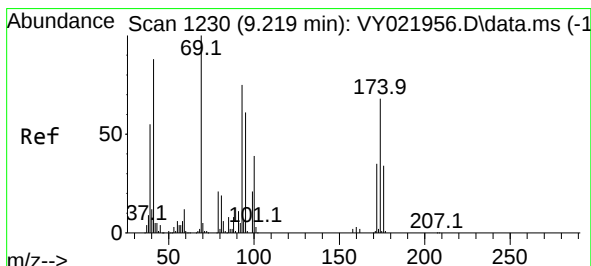
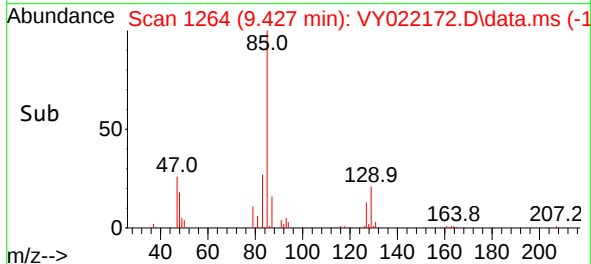
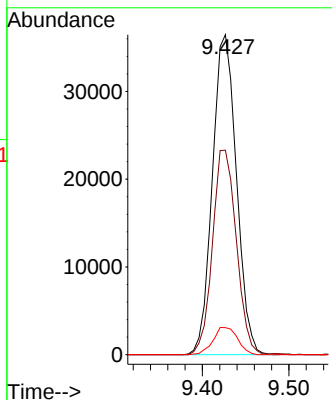
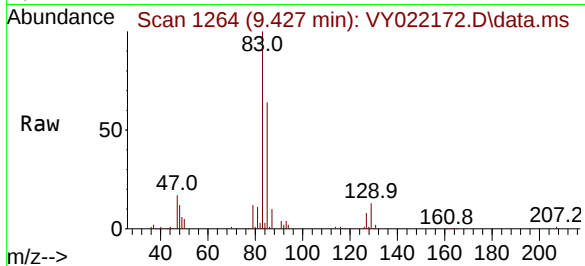




#47
Bromodichloromethane
Concen: 21.268 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

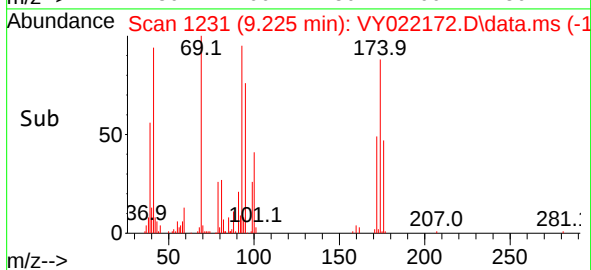
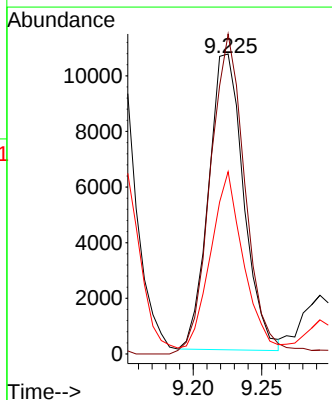
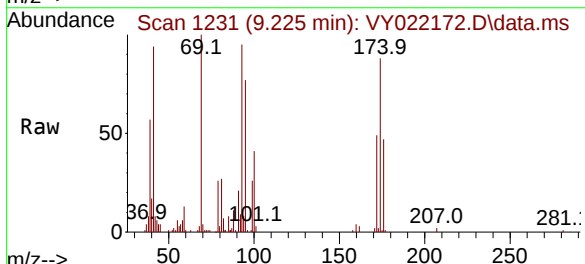
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

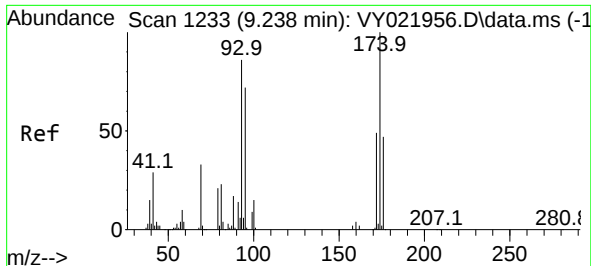
Tgt Ion: 83 Resp: 70381
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.8
127 8.4 7.0 10.6



#48
Methyl methacrylate
Concen: 19.425 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 41 Resp: 18959
Ion Ratio Lower Upper
41 100
69 108.3 85.5 128.3
39 55.1 46.2 69.4





#49

1,4-Dioxane

Concen: 356.410 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

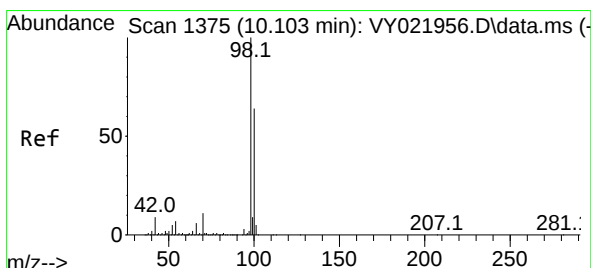
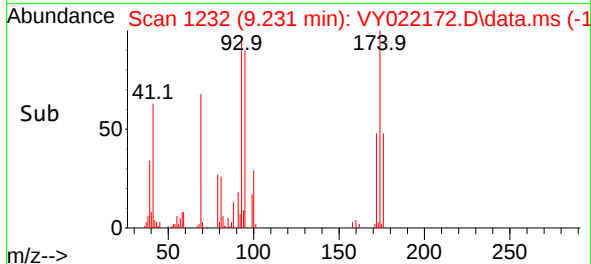
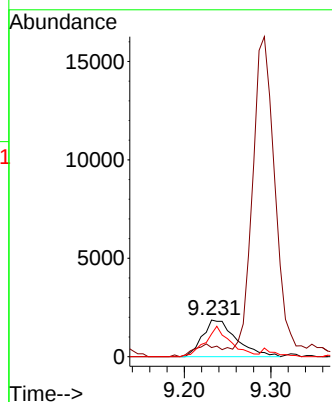
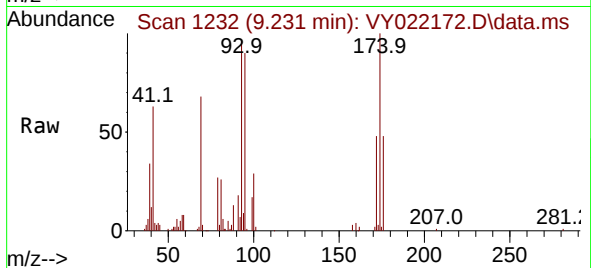
Tgt Ion: 88 Resp: 5032

Ion Ratio Lower Upper

88 100

43 24.5 21.3 31.9

58 62.0 50.5 75.7



#50

Toluene-d8

Concen: 50.814 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022172.D

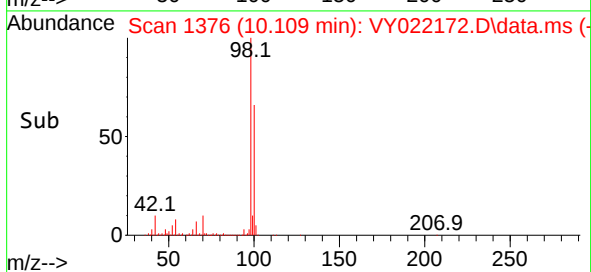
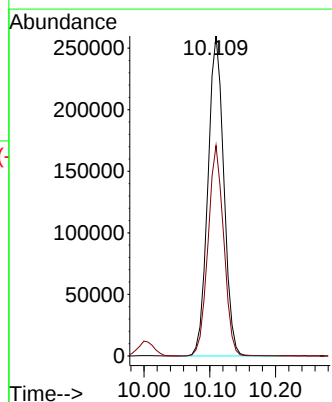
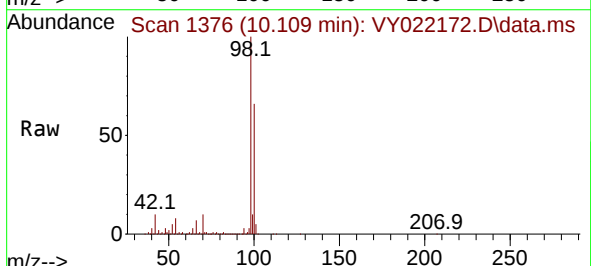
Acq: 06 May 2025 10:17

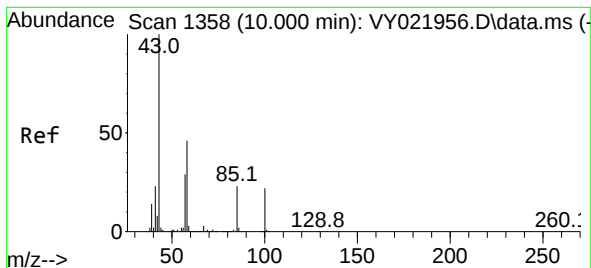
Tgt Ion: 98 Resp: 436550

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4

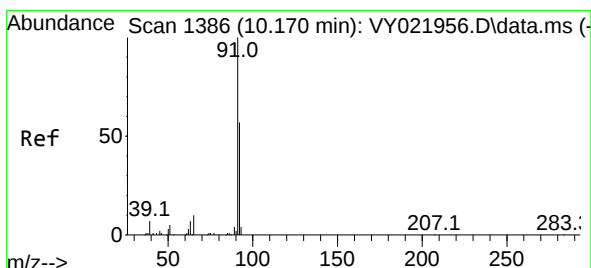
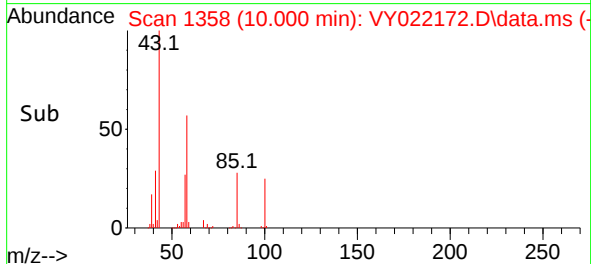
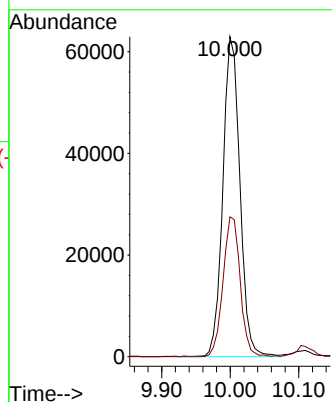
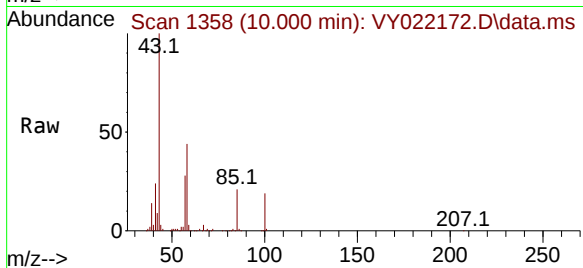




#51
4-Methyl-2-Pentanone
Concen: 98.047 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

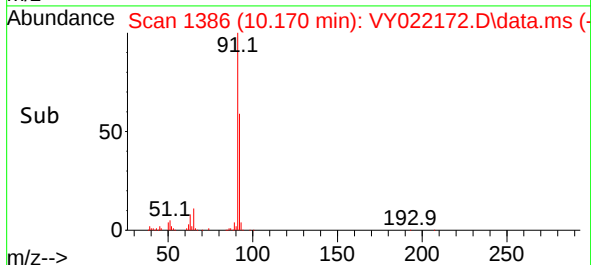
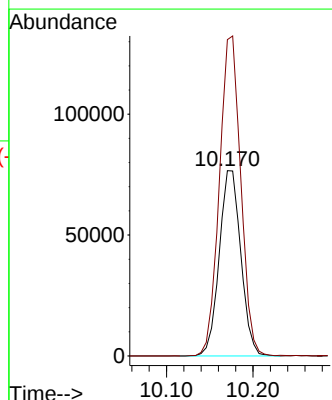
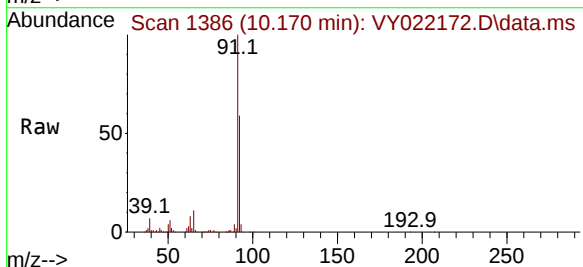
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

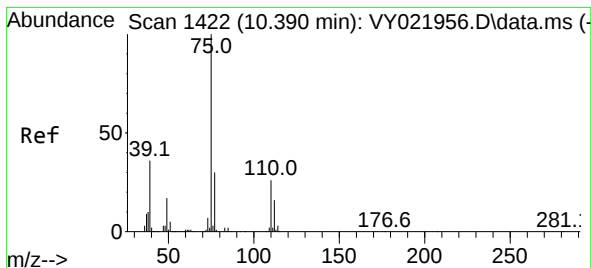
Tgt Ion: 43 Resp: 108514
Ion Ratio Lower Upper
43 100
58 43.9 36.6 55.0



#52
Toluene
Concen: 21.428 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 92 Resp: 132721
Ion Ratio Lower Upper
92 100
91 171.3 138.6 207.8

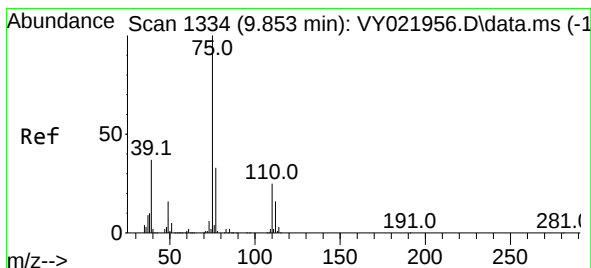
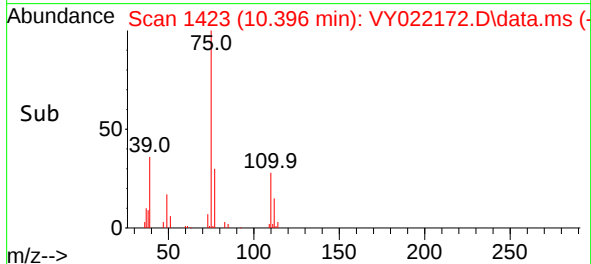
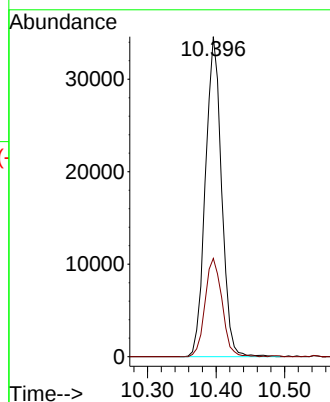
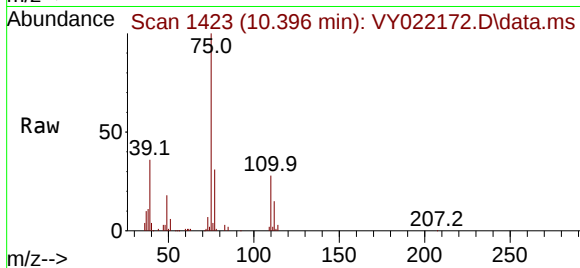




#53
 t-1,3-Dichloropropene
 Concen: 20.037 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022172.D
 Acq: 06 May 2025 10:17

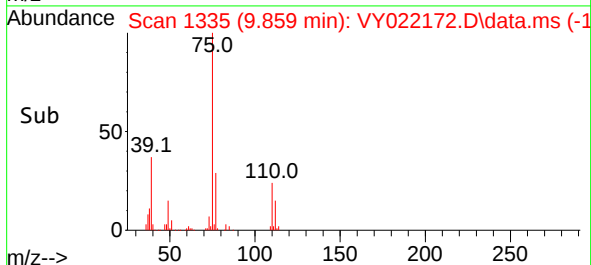
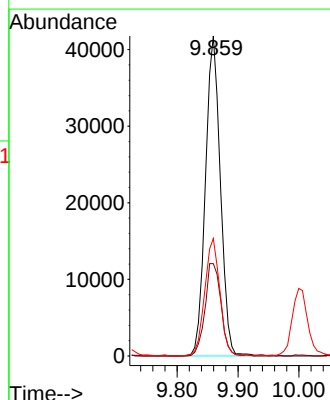
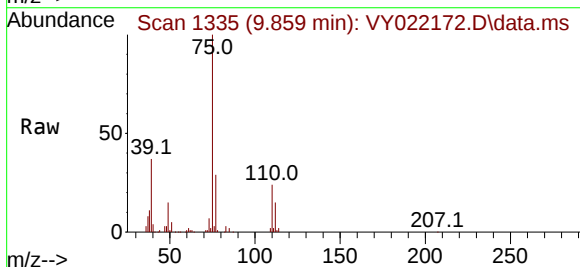
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Tgt Ion: 75 Resp: 56873
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.098 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY022172.D
 Acq: 06 May 2025 10:17

Tgt Ion: 75 Resp: 71187
 Ion Ratio Lower Upper
 75 100
 77 28.9 26.6 40.0
 39 36.7 29.6 44.4

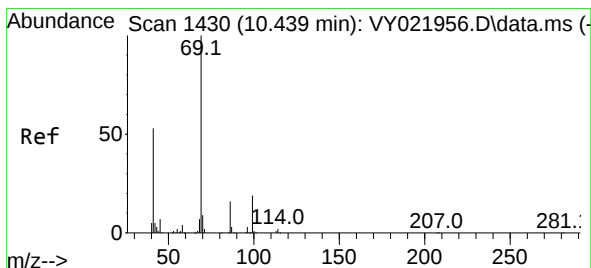
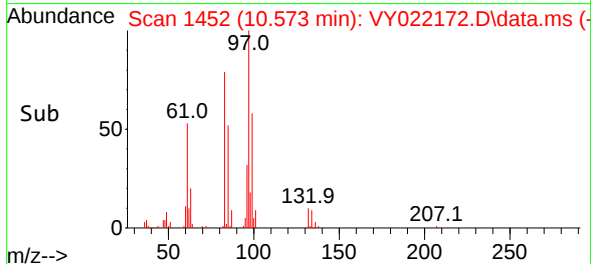
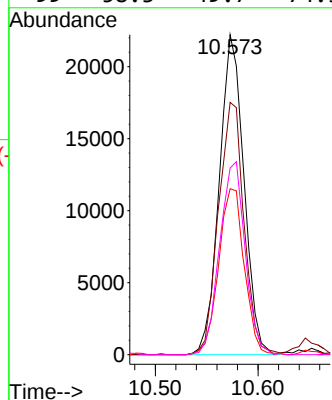
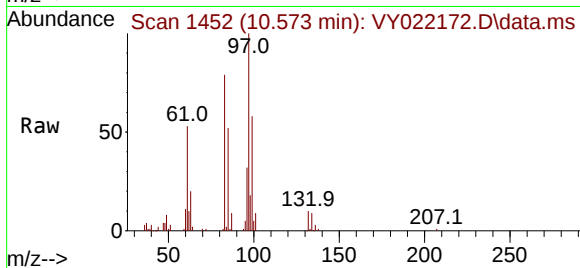




#55
1,1,2-Trichloroethane
Concen: 20.854 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

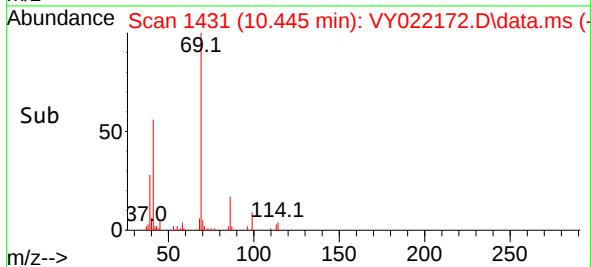
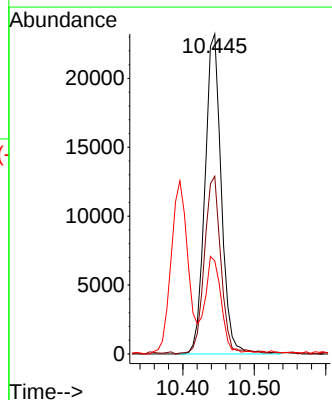
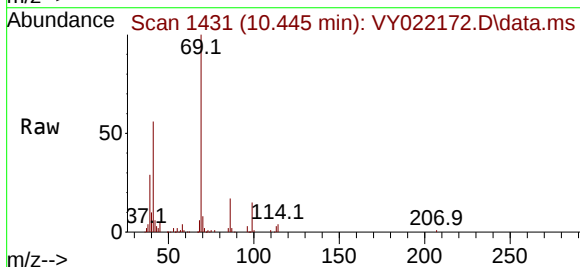
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

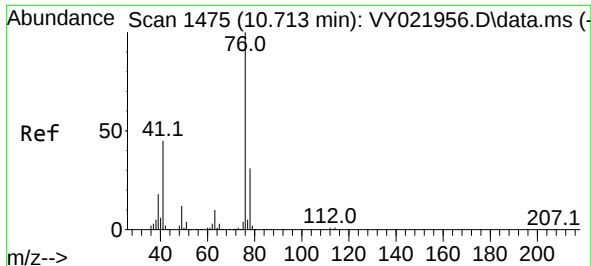
Tgt Ion: 97	Resp: 36899
Ion Ratio	Lower Upper
97 100	
83 78.9	66.7 100.1
85 51.8	42.6 64.0
99 58.3	49.7 74.5



#56
Ethyl methacrylate
Concen: 18.267 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 69	Resp: 36962
Ion Ratio	Lower Upper
69 100	
41 56.8	40.7 61.1
39 29.3	23.3 34.9





#57

1,3-Dichloropropane

Concen: 20.312 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

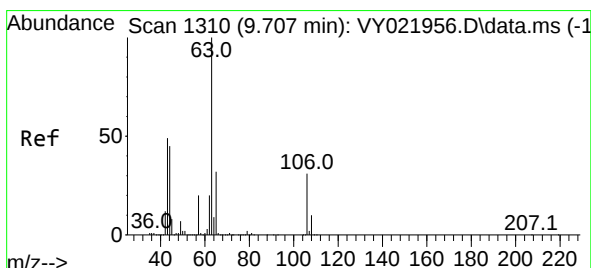
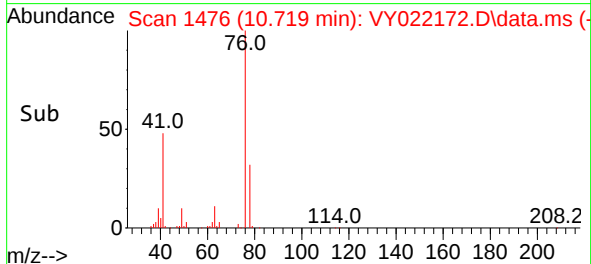
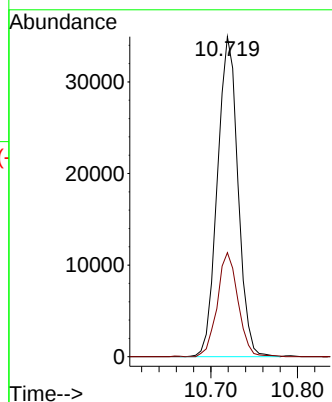
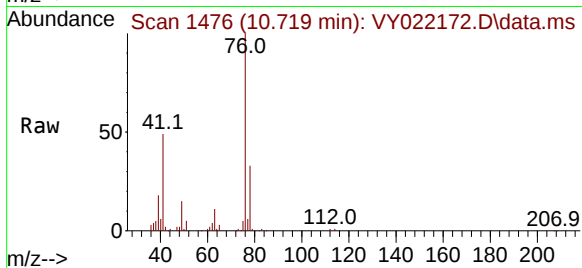
VY0506SBS01

Tgt Ion: 76 Resp: 57618

Ion Ratio Lower Upper

76 100

78 32.8 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 97.230 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022172.D

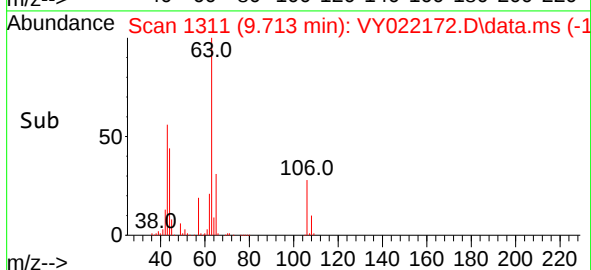
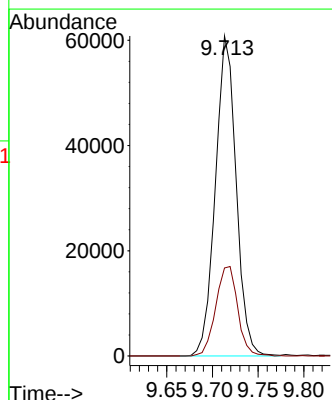
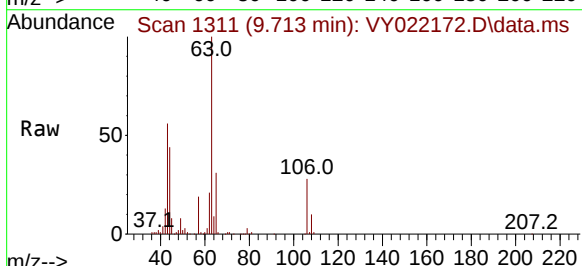
Acq: 06 May 2025 10:17

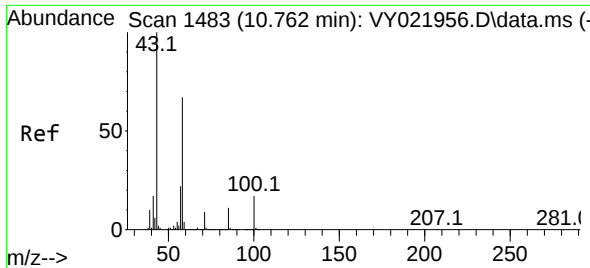
Tgt Ion: 63 Resp: 96192

Ion Ratio Lower Upper

63 100

106 29.5 25.3 37.9

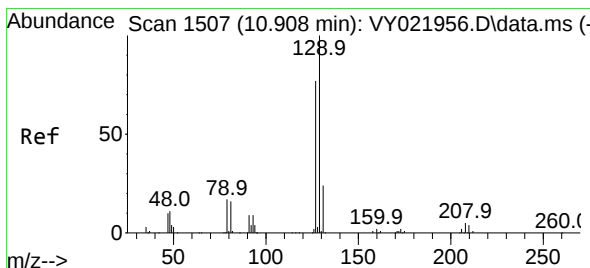
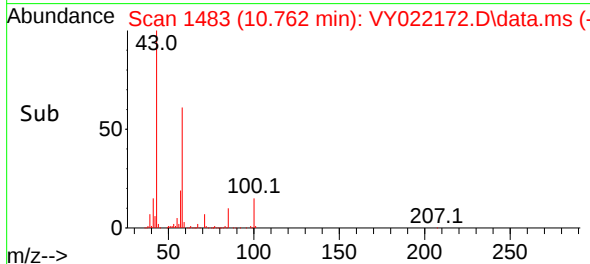
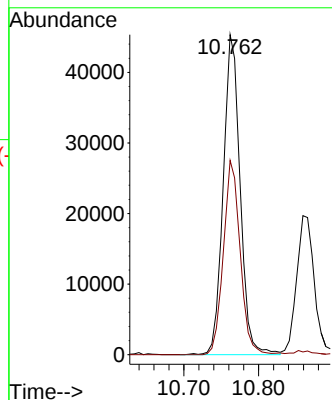
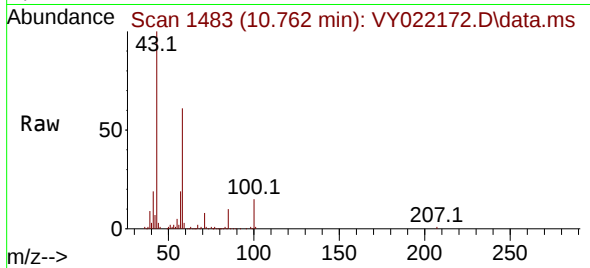




#59
2-Hexanone
Concen: 97.747 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

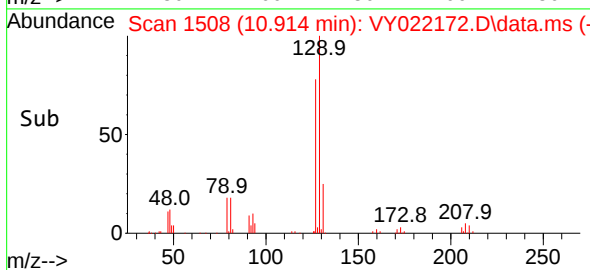
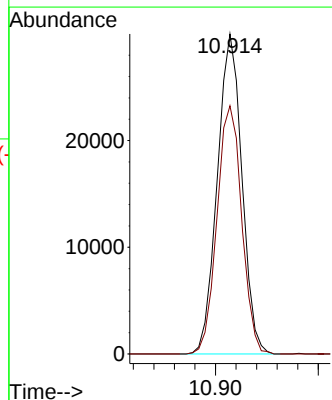
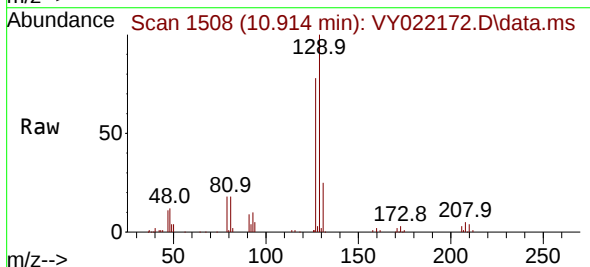
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

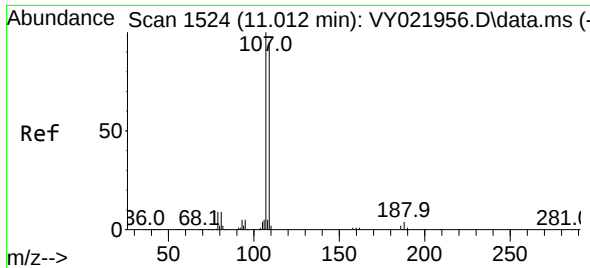
Tgt Ion: 43 Resp: 71355
Ion Ratio Lower Upper
43 100
58 60.3 32.0 96.0



#60
Dibromochloromethane
Concen: 20.321 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 129 Resp: 49782
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.3

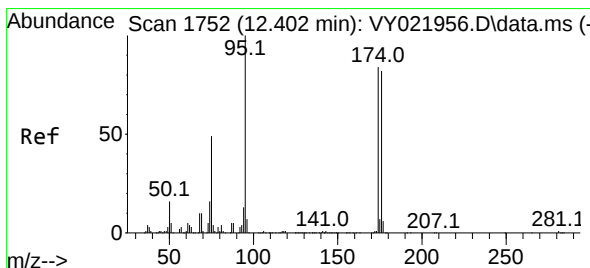
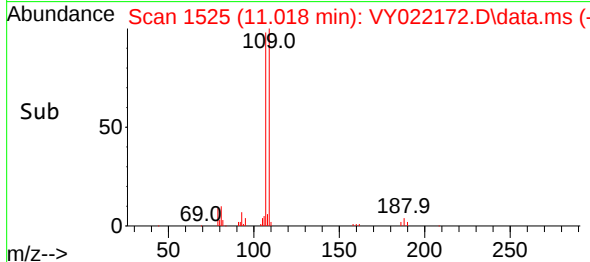
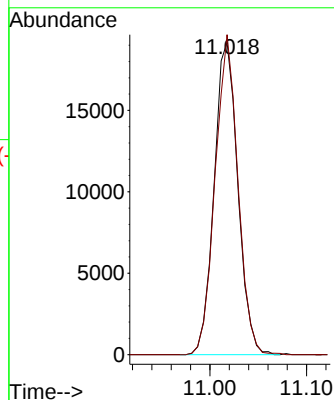
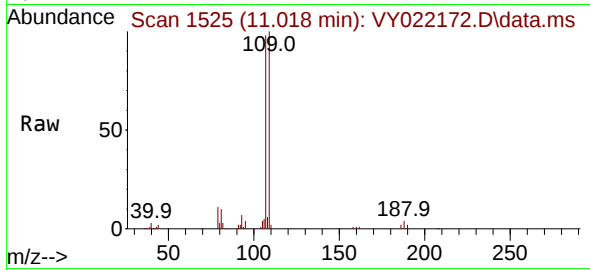




#61
1,2-Dibromoethane
Concen: 19.516 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

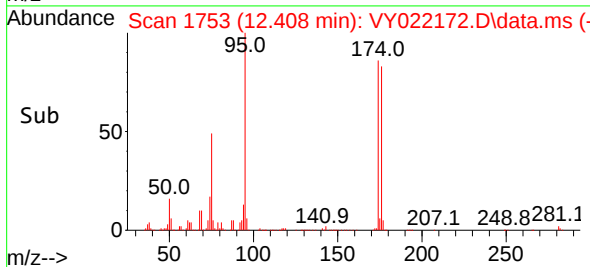
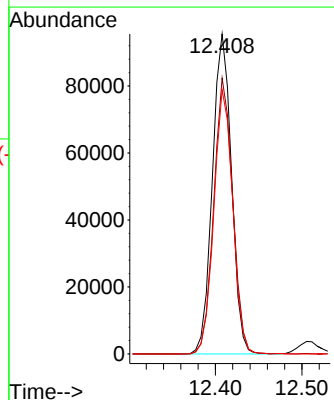
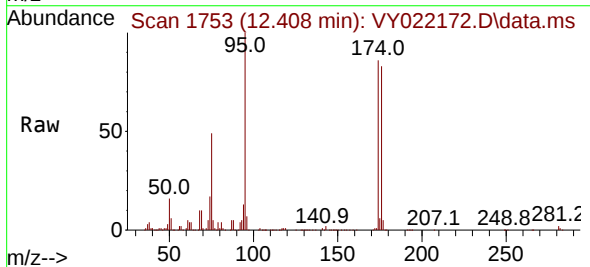
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

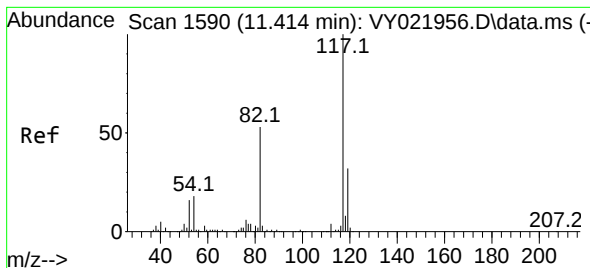
Tgt Ion:107 Resp: 32600
Ion Ratio Lower Upper
107 100
109 98.5 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 50.562 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 95 Resp: 146232
Ion Ratio Lower Upper
95 100
174 85.4 0.0 179.0
176 81.8 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

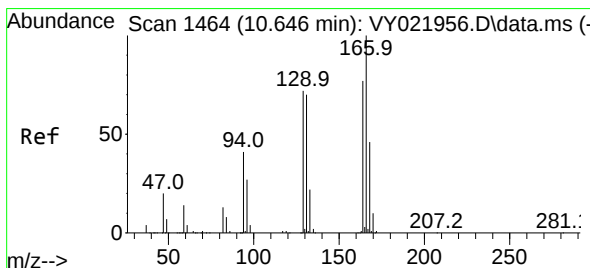
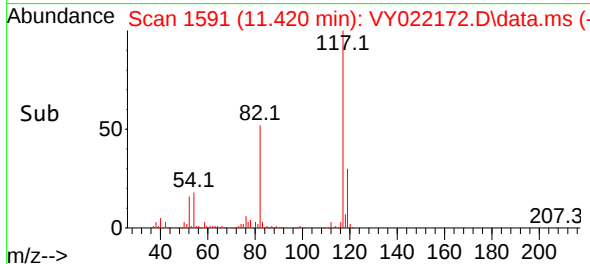
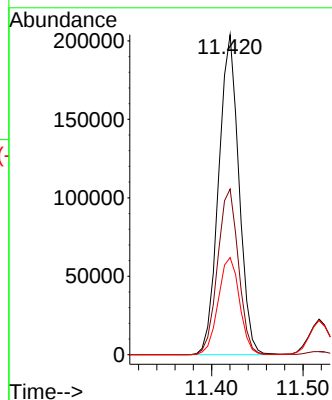
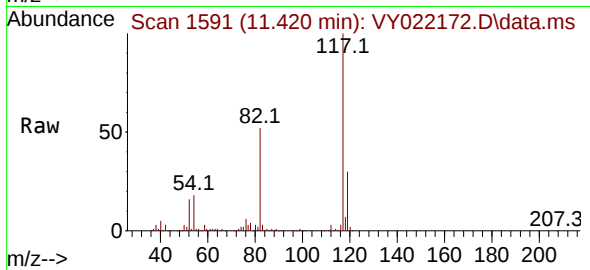
Tgt Ion:117 Resp: 314858

Ion Ratio Lower Upper

117 100

82 51.8 42.1 63.1

119 30.4 25.7 38.5



#64

Tetrachloroethene

Concen: 20.946 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

Tgt Ion:164 Resp: 62215

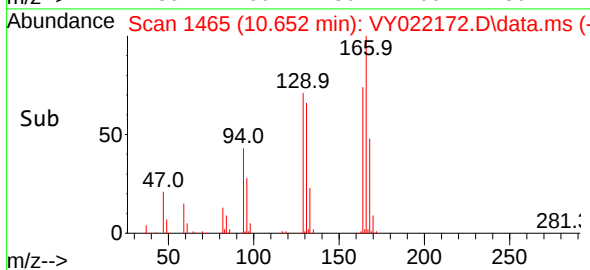
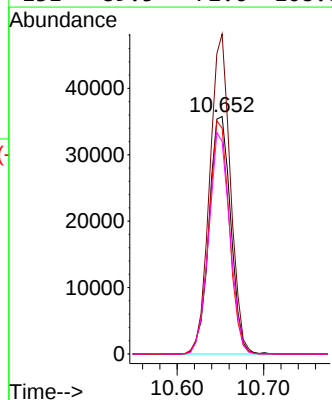
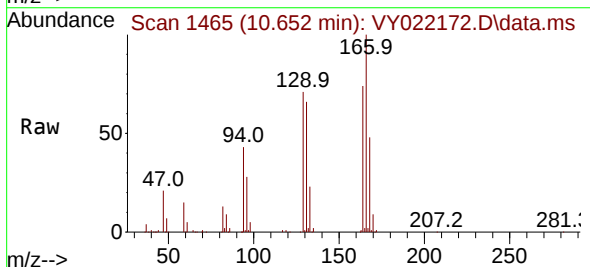
Ion Ratio Lower Upper

164 100

166 134.7 103.6 155.4

129 95.1 74.2 111.4

131 89.5 72.6 108.8





#65

Chlorobenzene

Concen: 20.536 ug/l

RT: 11.445 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

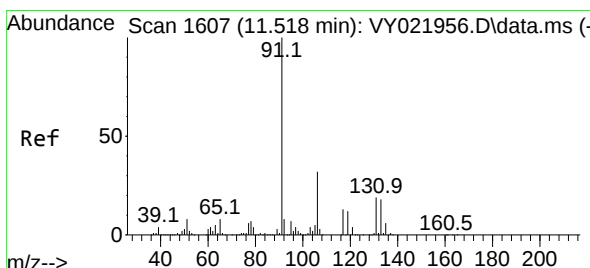
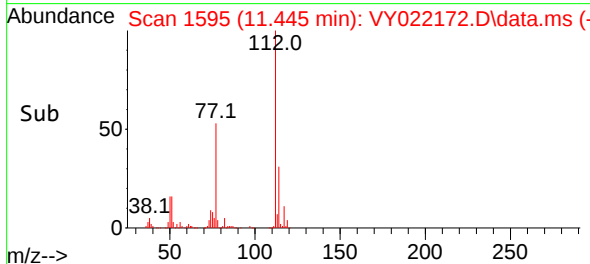
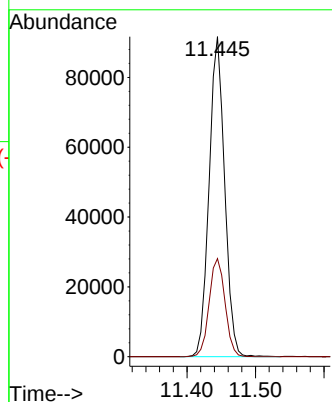
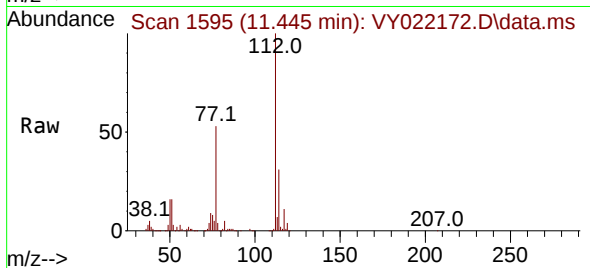
VY0506SBS01

Tgt Ion:112 Resp: 144595

Ion Ratio Lower Upper

112 100

114 30.7 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.771 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

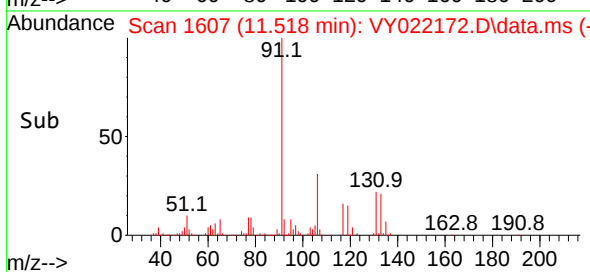
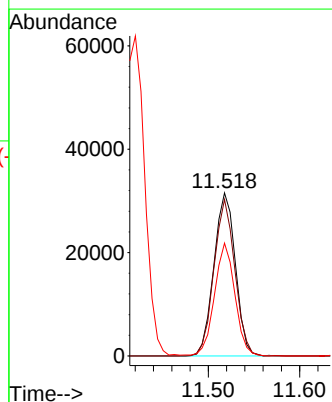
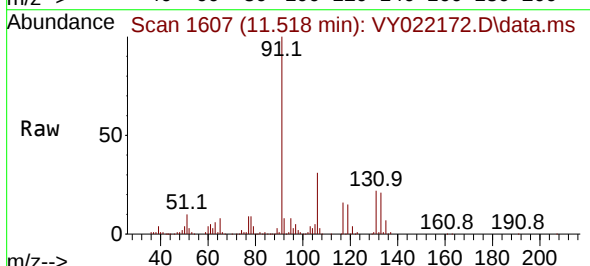
Tgt Ion:131 Resp: 51488

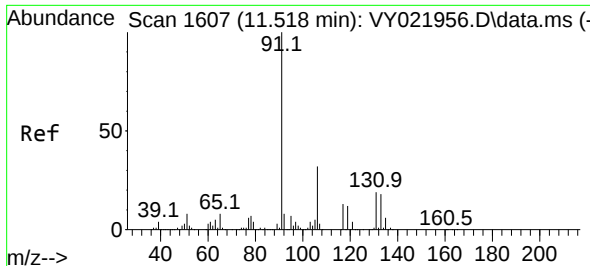
Ion Ratio Lower Upper

131 100

133 93.7 47.8 143.3

119 65.9 32.4 97.0





#67

Ethyl Benzene

Concen: 20.262 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

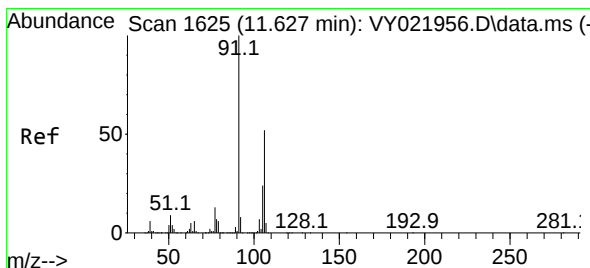
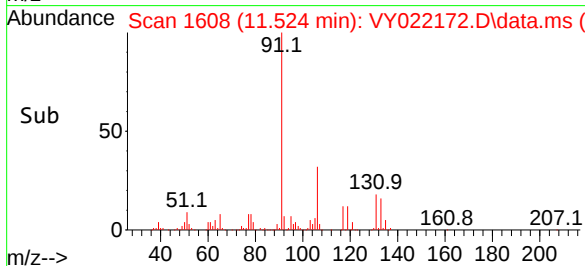
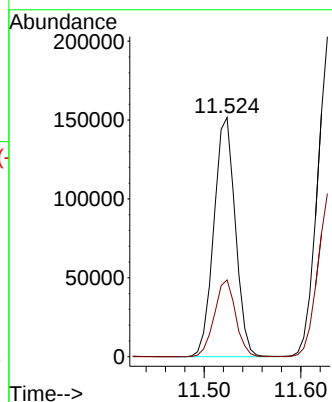
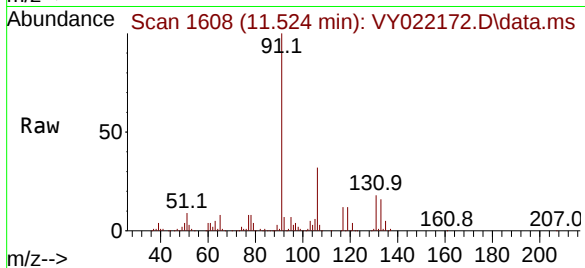
VY0506SBS01

Tgt Ion: 91 Resp: 233376

Ion Ratio Lower Upper

91 100

106 32.1 25.9 38.9



#68

m/p-Xylenes

Concen: 41.568 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022172.D

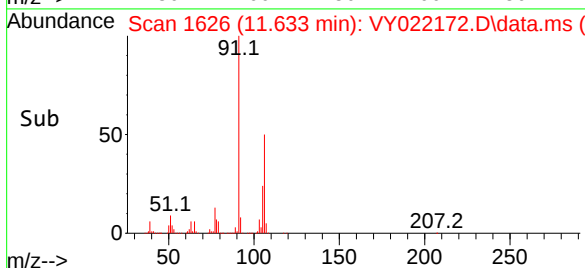
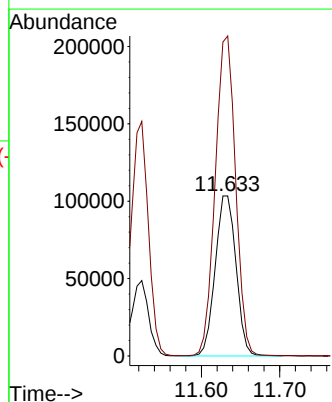
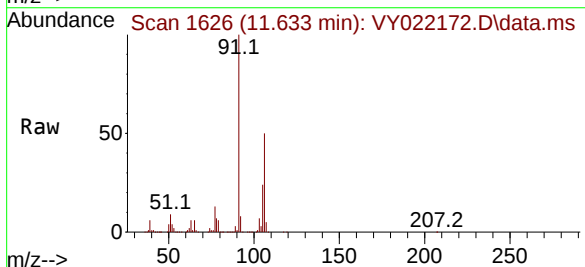
Acq: 06 May 2025 10:17

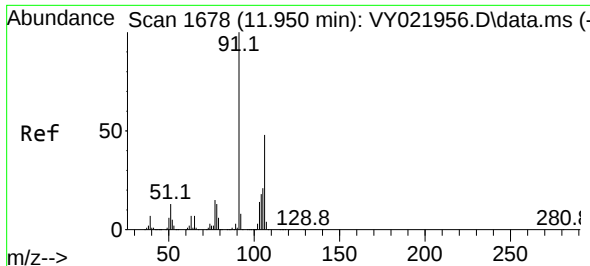
Tgt Ion: 106 Resp: 190516

Ion Ratio Lower Upper

106 100

91 196.2 156.2 234.2

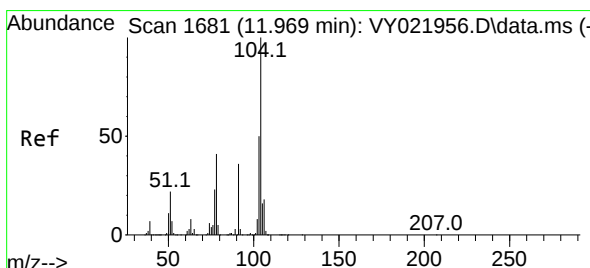
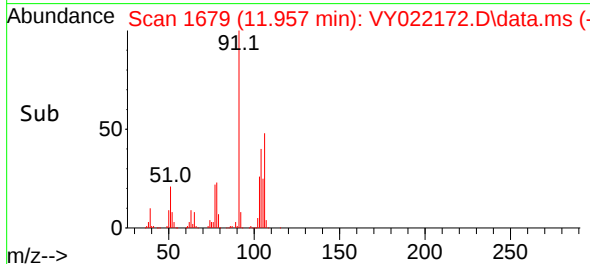
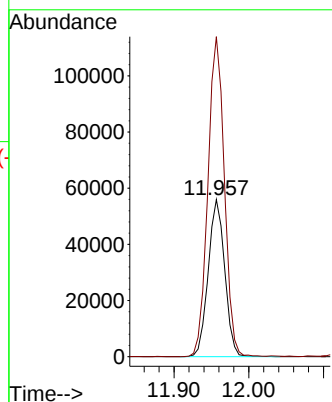
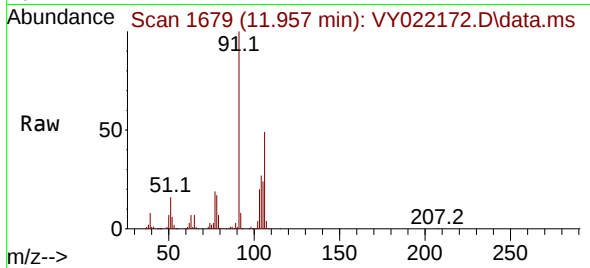




#69
o-Xylene
Concen: 20.336 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

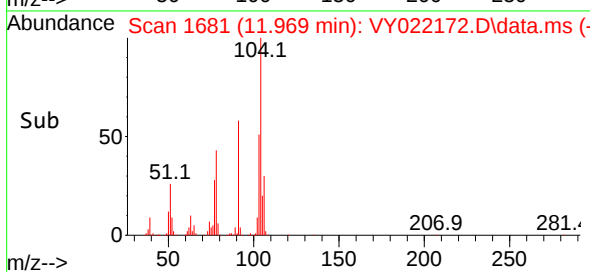
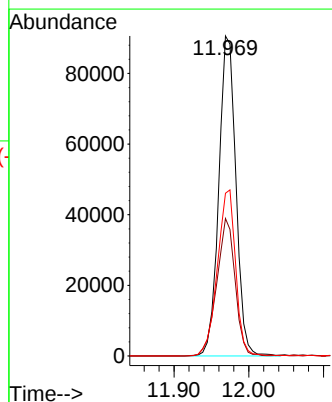
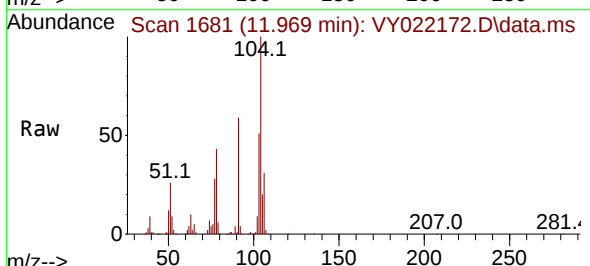
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

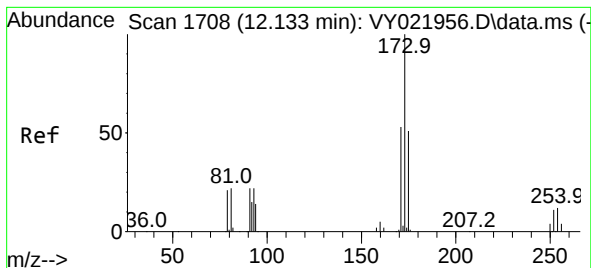
Tgt Ion:106 Resp: 85905
Ion Ratio Lower Upper
106 100
91 203.5 103.0 308.9



#70
Styrene
Concen: 20.422 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:104 Resp: 144849
Ion Ratio Lower Upper
104 100
78 46.0 36.6 54.8
103 55.4 43.8 65.8





#71

Bromoform

Concen: 19.279 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

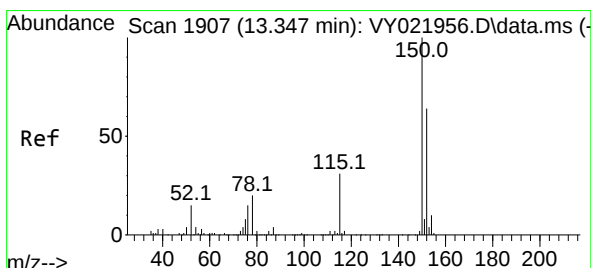
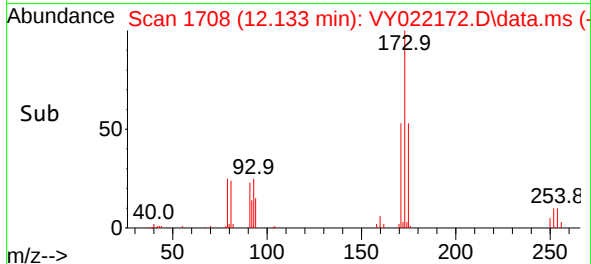
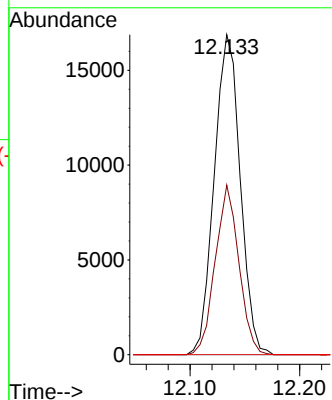
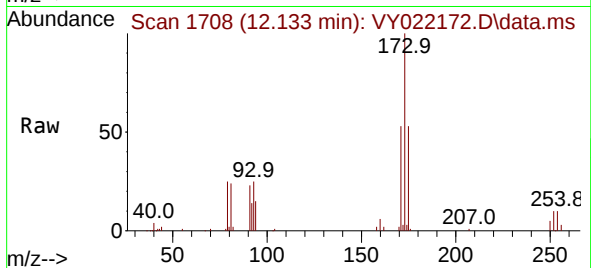
Tgt Ion:173 Resp: 27785

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

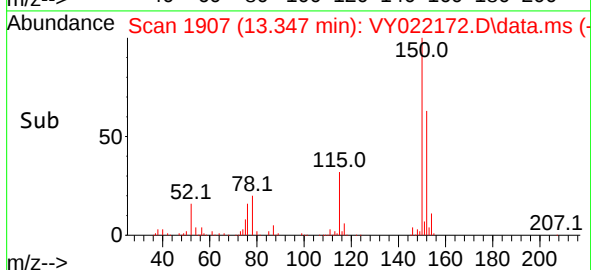
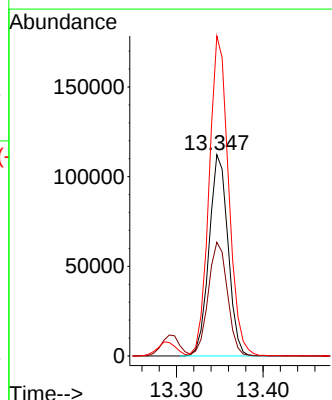
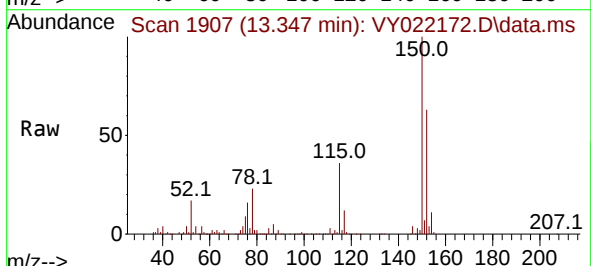
Tgt Ion:152 Resp: 170277

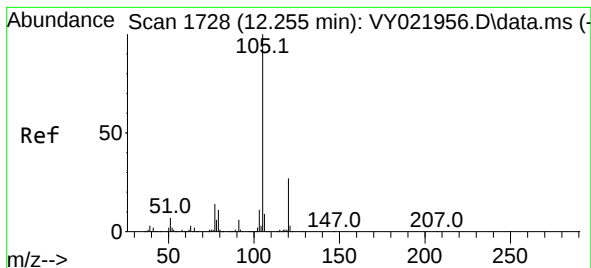
Ion Ratio Lower Upper

152 100

115 57.2 28.0 84.0

150 163.7 0.0 345.6





#73

Isopropylbenzene

Concen: 19.748 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

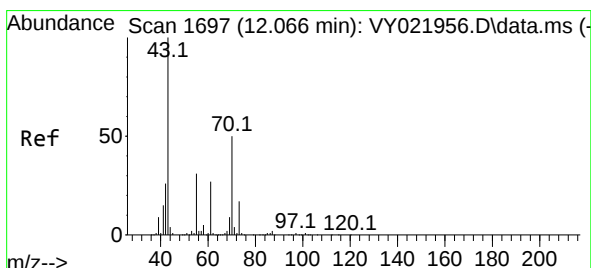
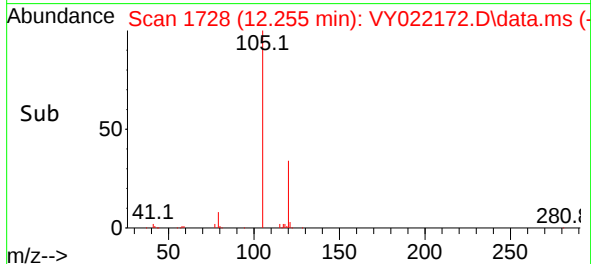
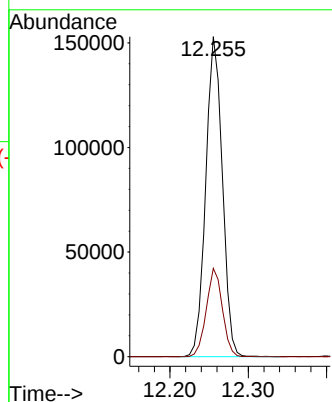
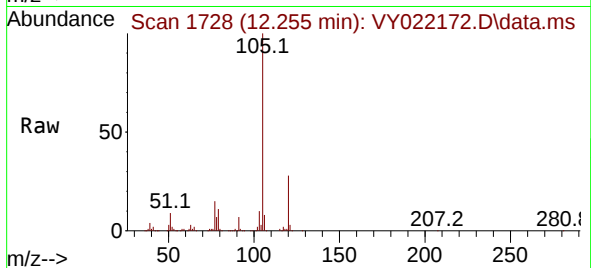
VY0506SBS01

Tgt Ion:105 Resp: 224663

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.5



#74

N-ethyl acetate

Concen: 18.202 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

Tgt Ion: 43 Resp: 35576

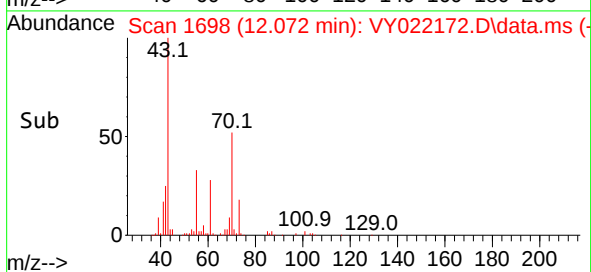
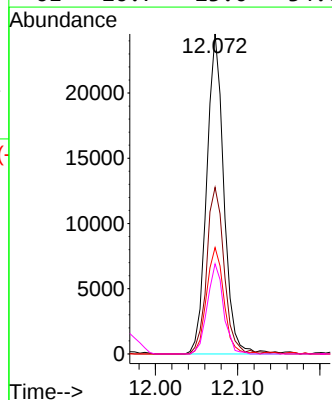
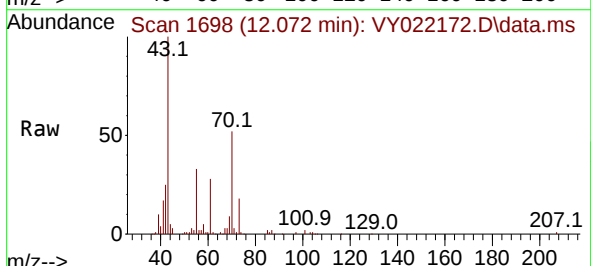
Ion Ratio Lower Upper

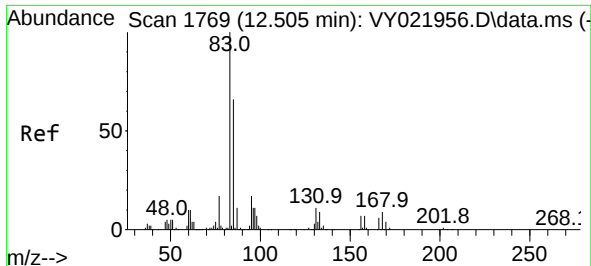
43 100

70 53.3 43.2 64.8

55 33.4 25.7 38.5

61 26.7 23.0 34.6

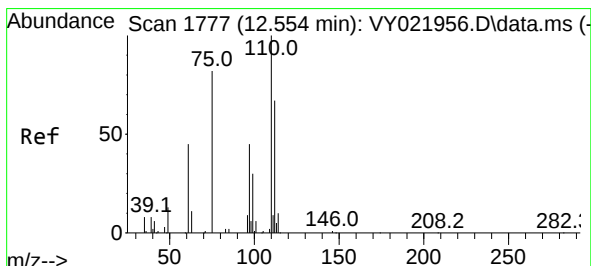
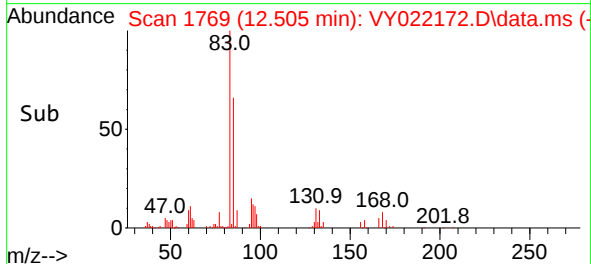
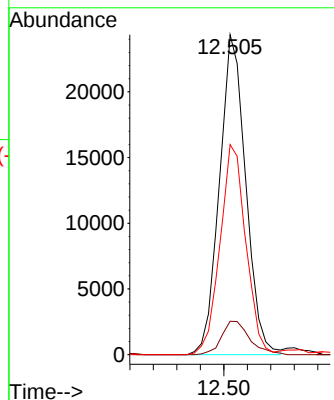
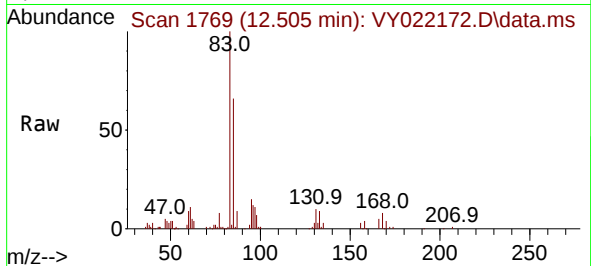




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.707 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY022172.D
 Acq: 06 May 2025 10:17

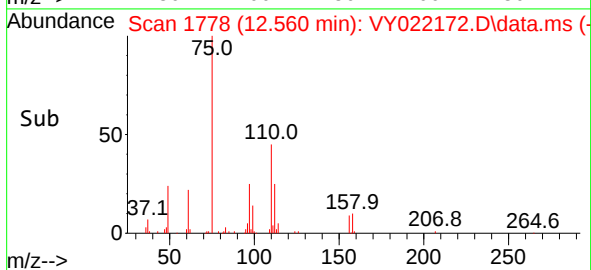
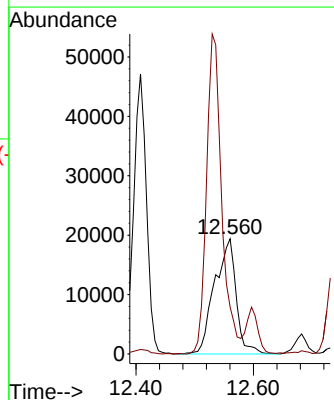
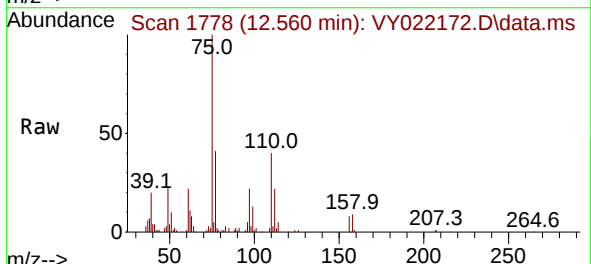
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

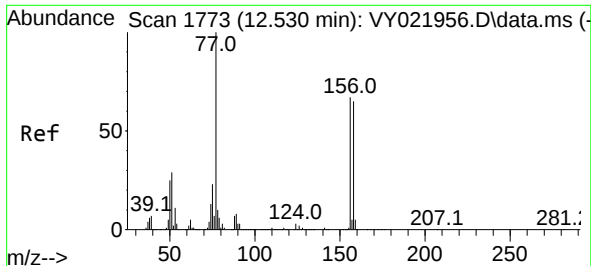
Tgt Ion: 83 Resp: 37799
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.5 16.4
 85 64.8 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 34.054 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY022172.D
 Acq: 06 May 2025 10:17

Tgt Ion: 75 Resp: 49668
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

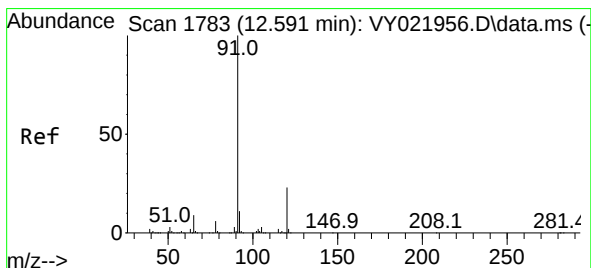
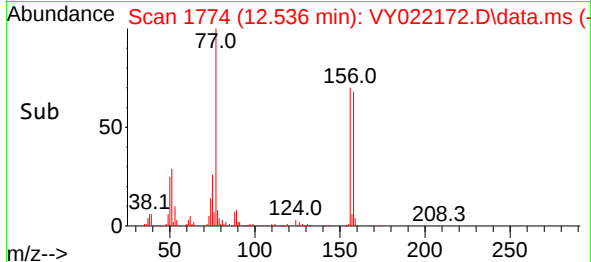
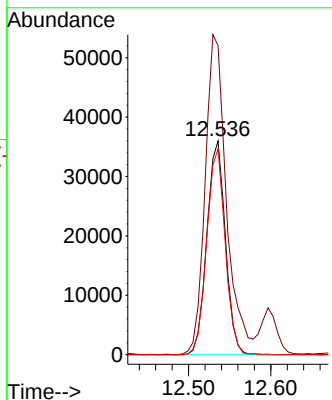
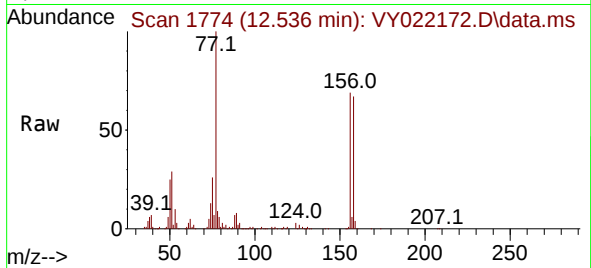




#77
Bromobenzene
Concen: 19.621 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

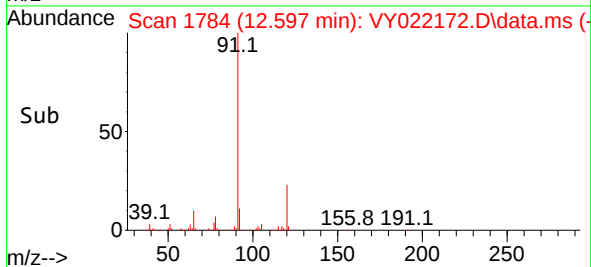
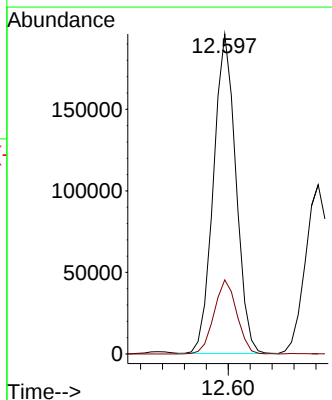
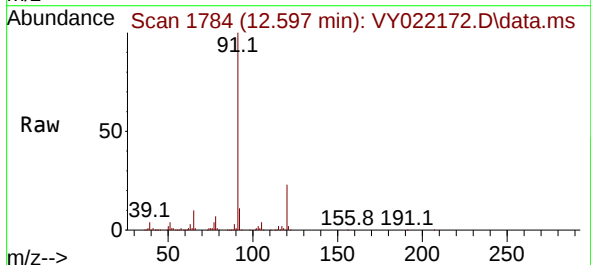
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

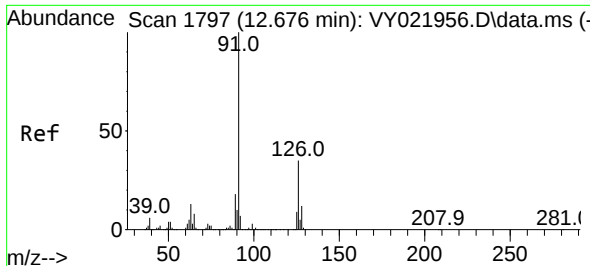
Tgt Ion:156 Resp: 56402
Ion Ratio Lower Upper
156 100
77 172.1 82.7 248.1
158 95.7 48.1 144.4



#78
n-propylbenzene
Concen: 20.576 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 91 Resp: 278758
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5

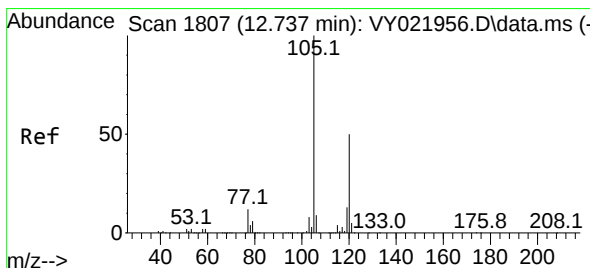
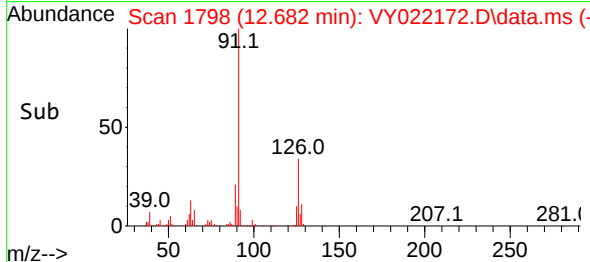
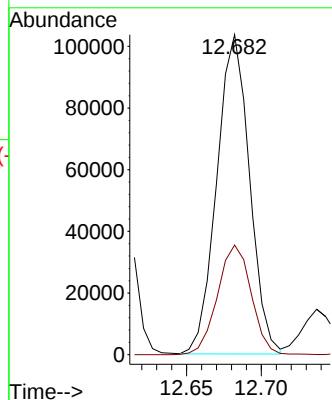
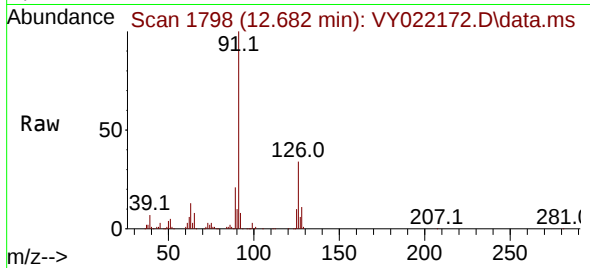




#79
2-Chlorotoluene
Concen: 19.996 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

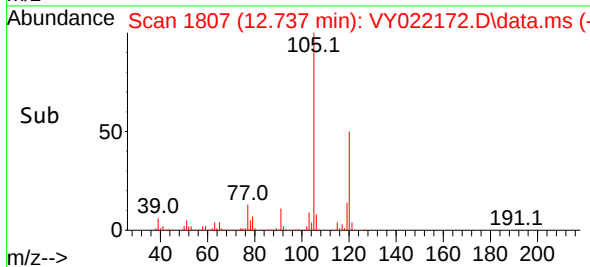
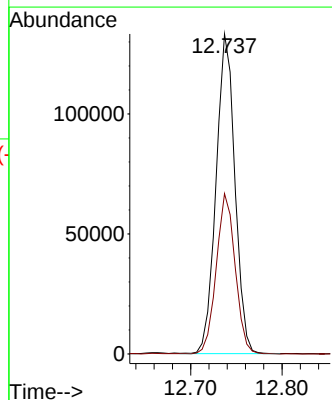
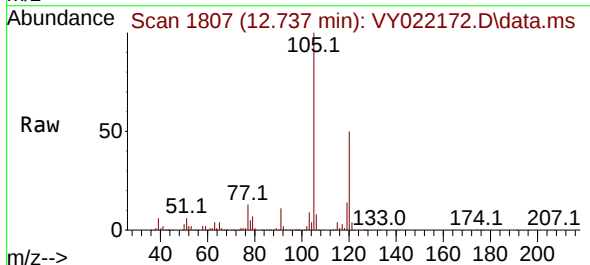
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

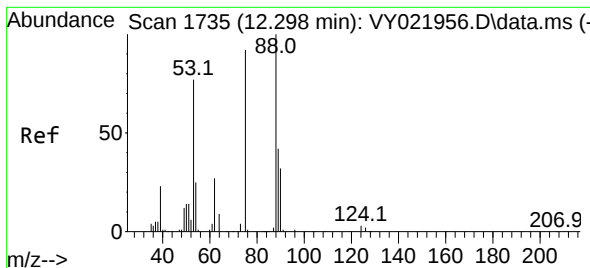
Tgt Ion: 91 Resp: 157549
Ion Ratio Lower Upper
91 100
126 35.4 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 20.325 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 105 Resp: 190512
Ion Ratio Lower Upper
105 100
120 50.4 25.0 75.0

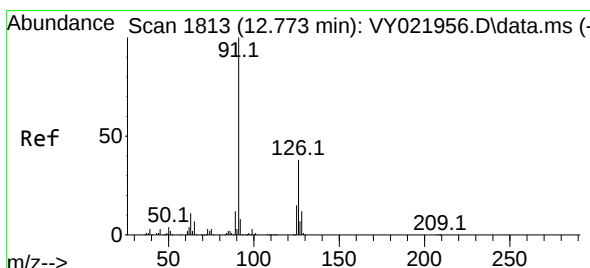
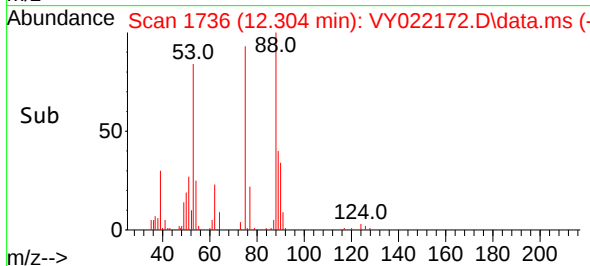
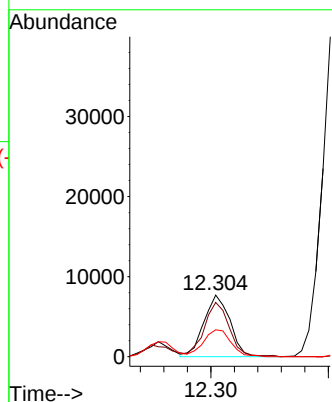
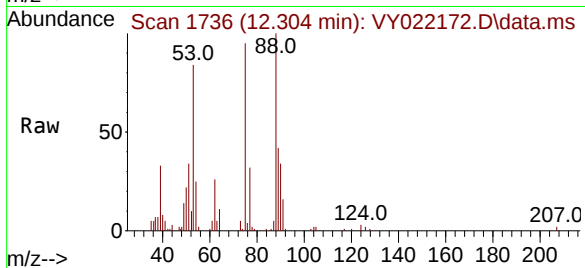




#81
trans-1,4-Dichloro-2-butene
Concen: 19.592 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

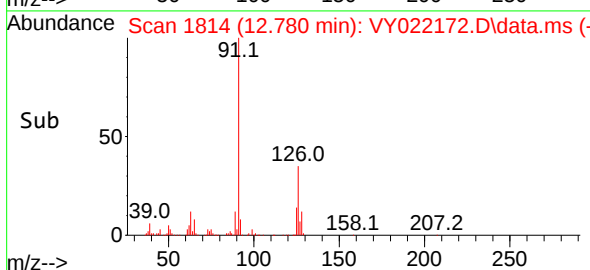
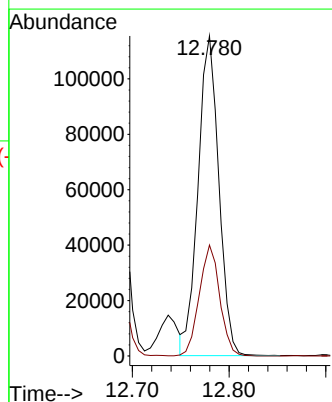
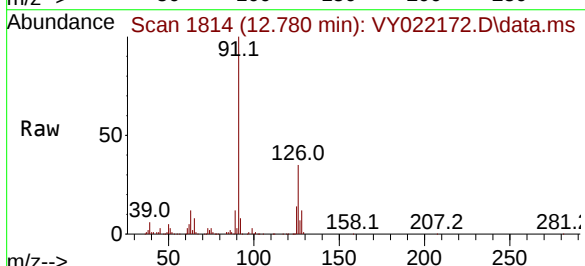
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

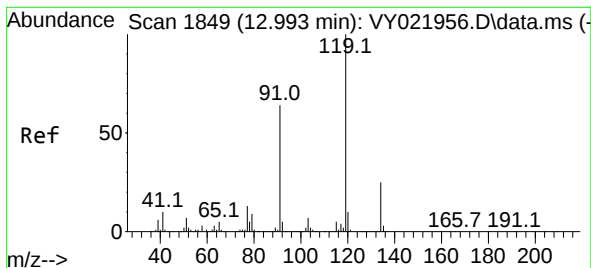
Tgt Ion: 75 Resp: 11866
Ion Ratio Lower Upper
75 100
53 84.1 66.0 99.0
89 45.7 37.2 55.8



#82
4-Chlorotoluene
Concen: 21.012 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 91 Resp: 172094
Ion Ratio Lower Upper
91 100
126 34.2 17.9 53.8





#83

tert-Butylbenzene

Concen: 19.486 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

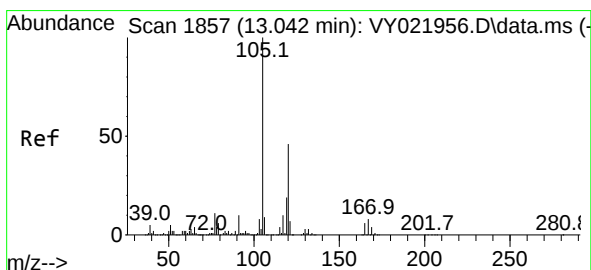
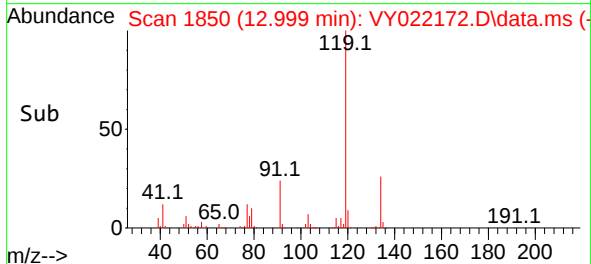
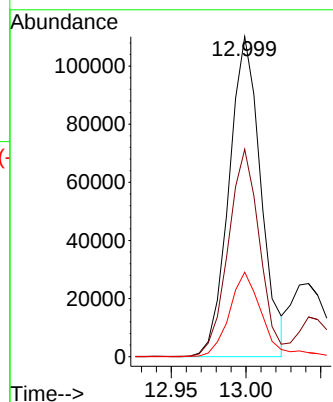
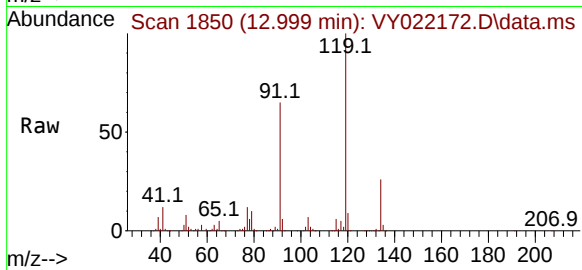
Tgt Ion:119 Resp: 163812

Ion Ratio Lower Upper

119 100

91 63.3 30.3 90.9

134 27.0 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.568 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022172.D

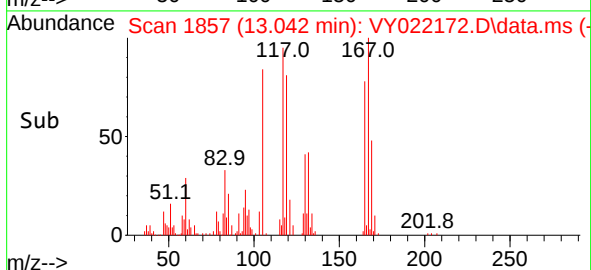
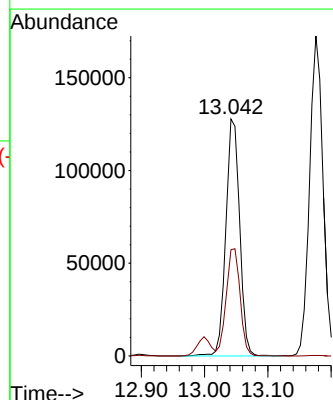
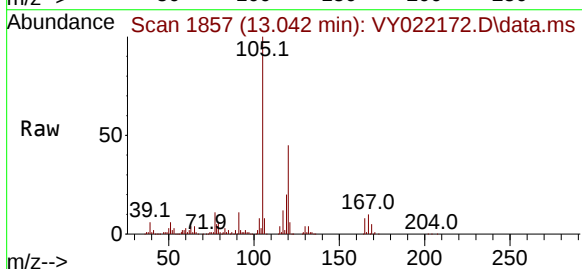
Acq: 06 May 2025 10:17

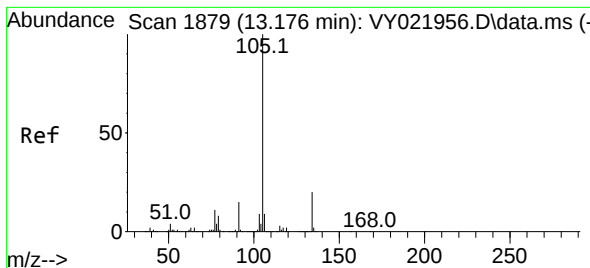
Tgt Ion:105 Resp: 192841

Ion Ratio Lower Upper

105 100

120 45.5 23.4 70.0

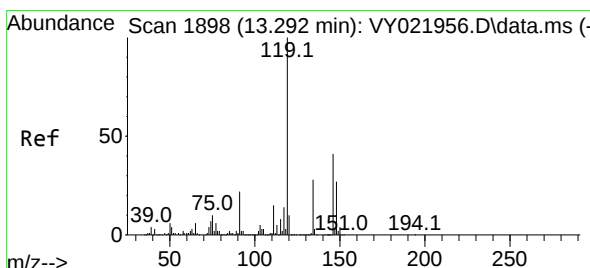
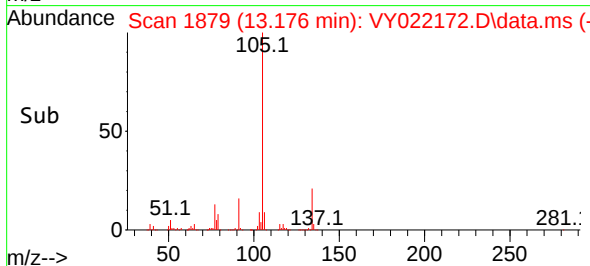
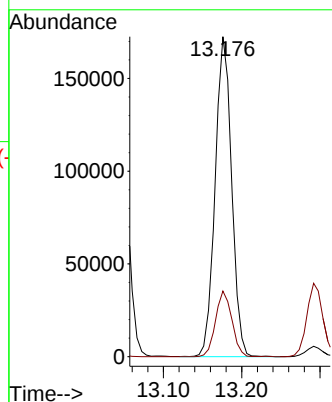
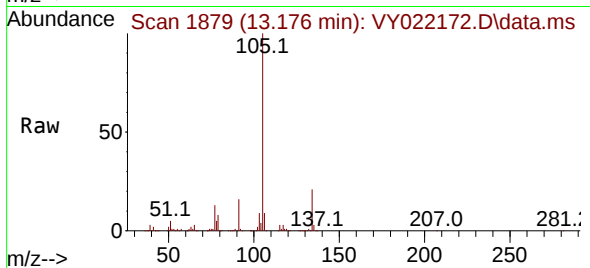




#85
 sec-Butylbenzene
 Concen: 20.508 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY022172.D
 Acq: 06 May 2025 10:17

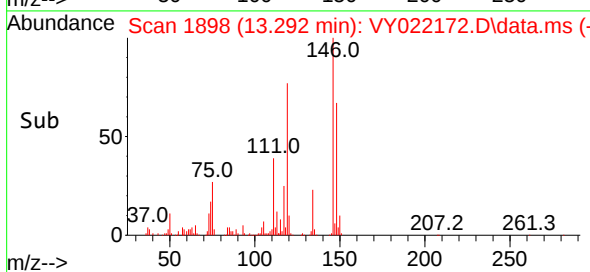
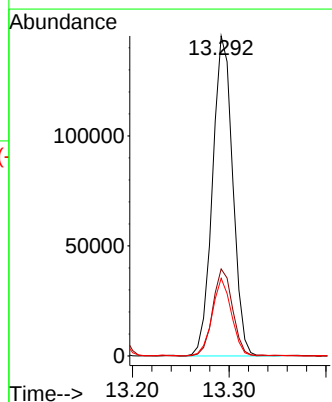
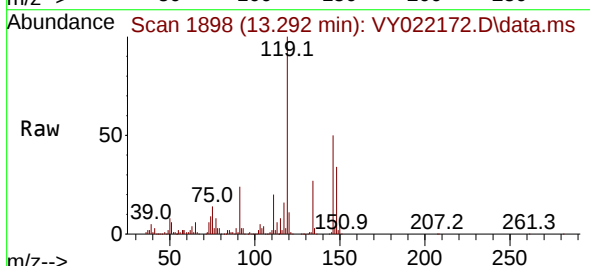
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

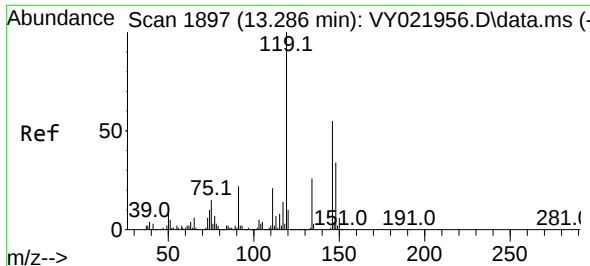
Tgt Ion:105 Resp: 252274
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 20.188 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022172.D
 Acq: 06 May 2025 10:17

Tgt Ion:119 Resp: 210881
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.7
 91 23.0 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 20.197 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

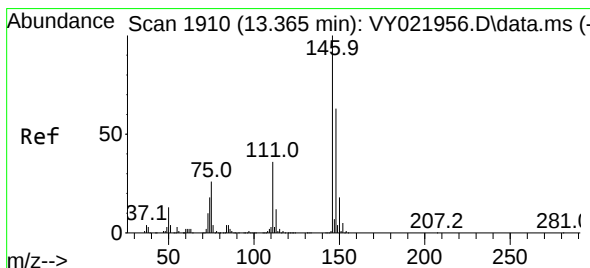
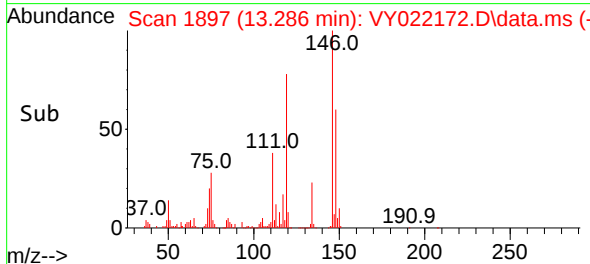
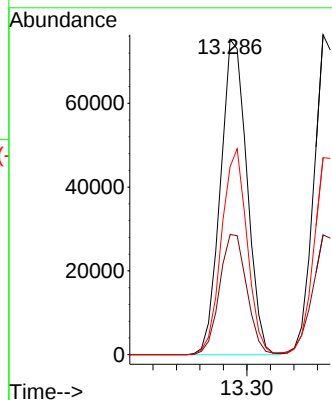
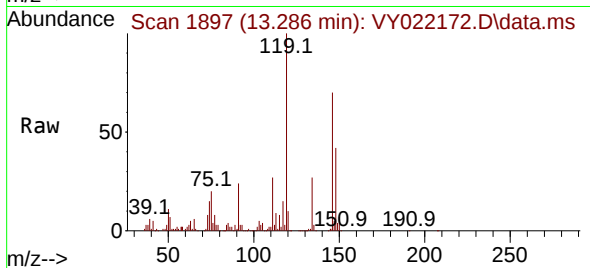
Tgt Ion:146 Resp: 117918

Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.5

148 63.4 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 20.378 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

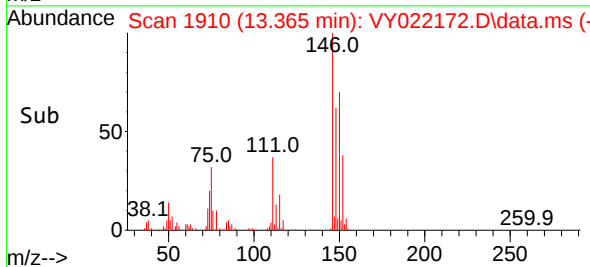
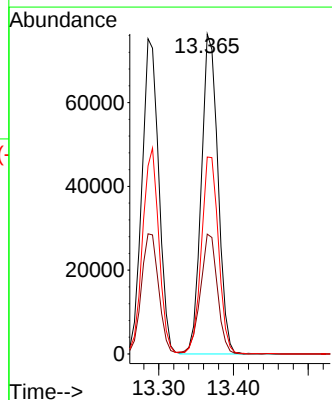
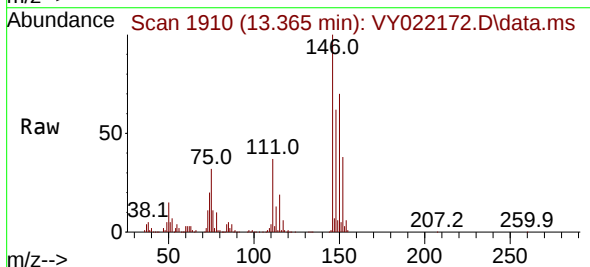
Tgt Ion:146 Resp: 117834

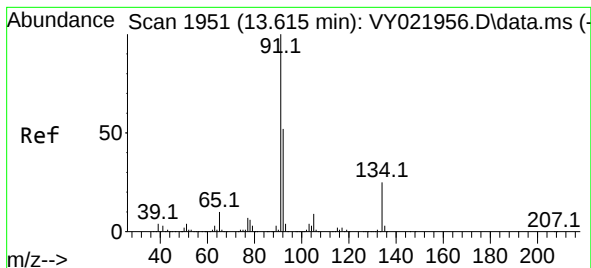
Ion Ratio Lower Upper

146 100

111 38.3 19.2 57.6

148 63.3 32.0 96.0





#89

n-Butylbenzene

Concen: 19.969 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

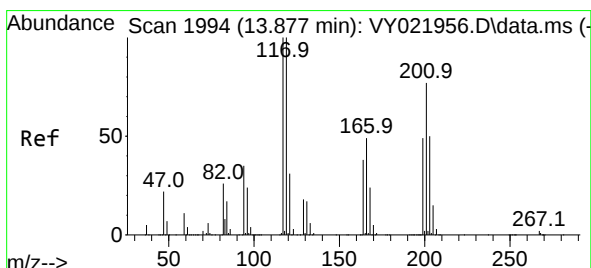
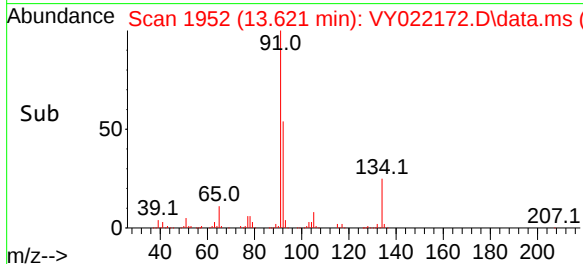
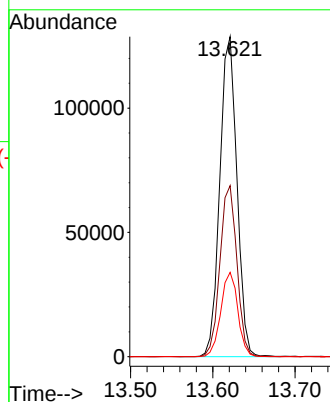
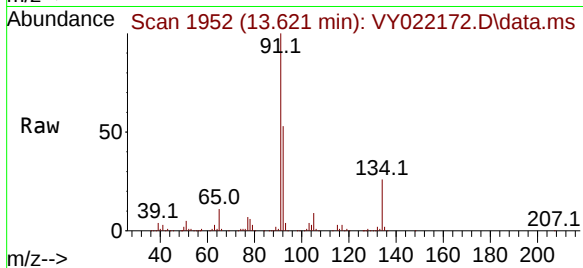
Tgt Ion: 91 Resp: 186449

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.5

134 26.2 13.4 40.1



#90

Hexachloroethane

Concen: 20.665 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022172.D

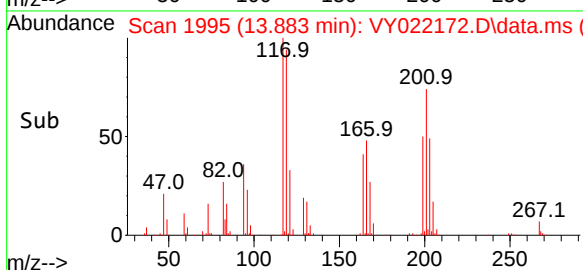
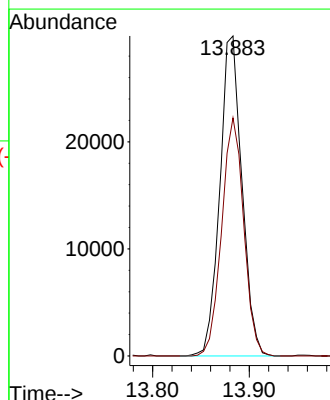
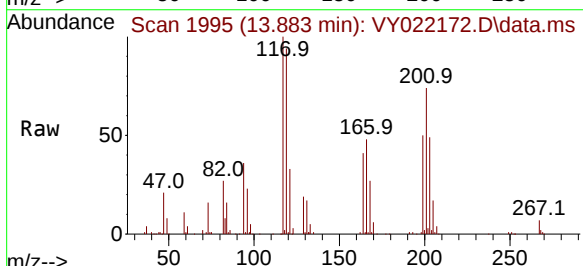
Acq: 06 May 2025 10:17

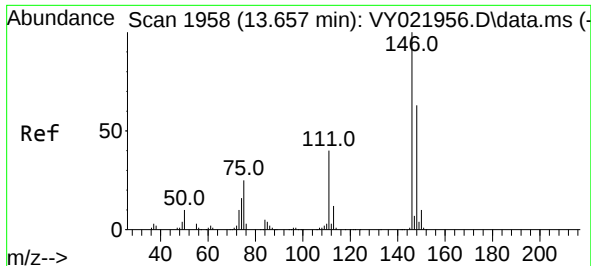
Tgt Ion: 117 Resp: 47427

Ion Ratio Lower Upper

117 100

201 74.0 38.7 116.1

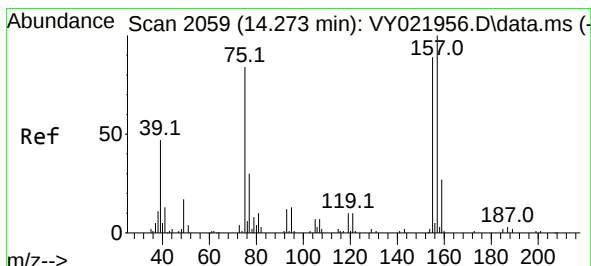
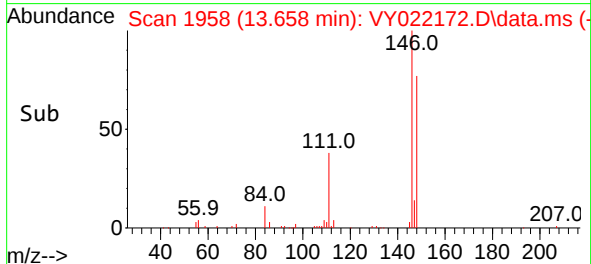
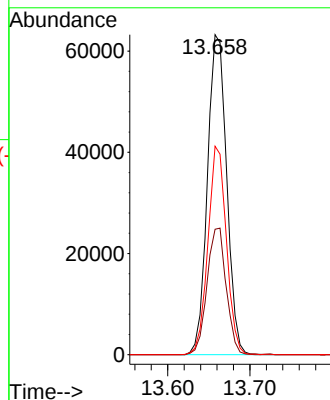
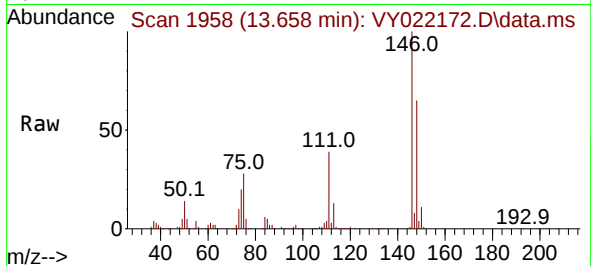




#91
1,2-Dichlorobenzene
Concen: 20.168 ug/l
RT: 13.658 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

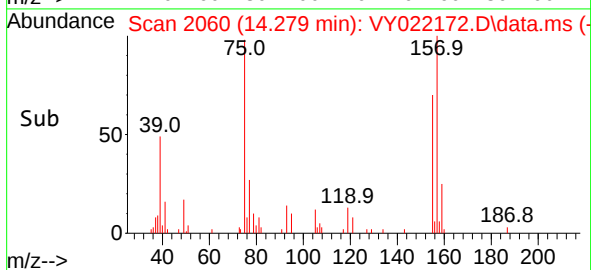
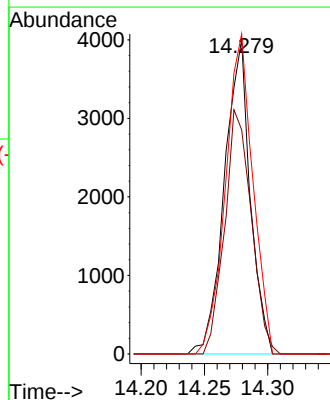
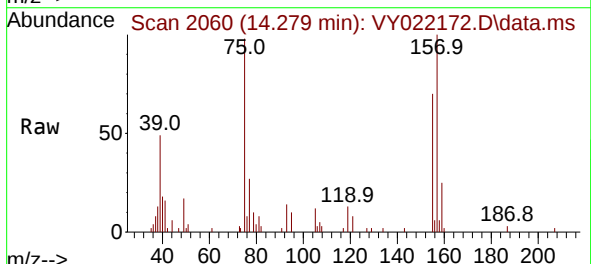
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tgt Ion:146 Resp: 102702
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.1
148 62.5 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.542 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 75 Resp: 5658
Ion Ratio Lower Upper
75 100
155 80.5 50.7 152.3
157 107.8 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 18.324 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

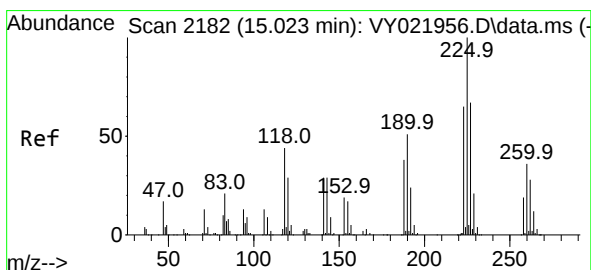
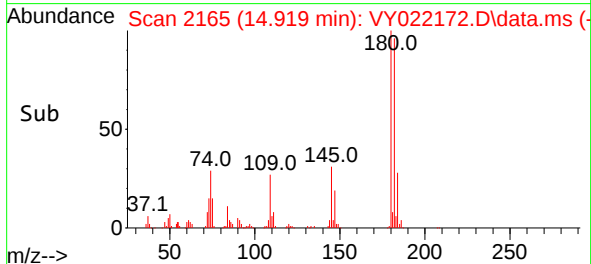
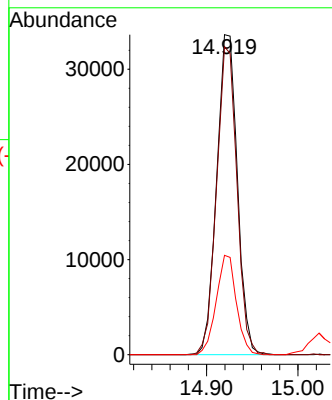
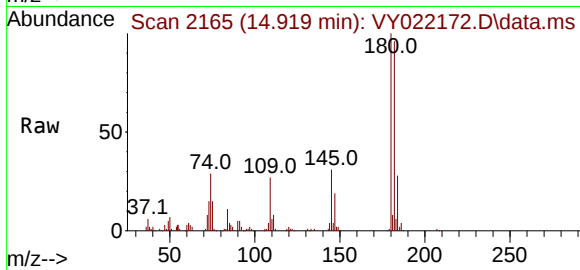
Tgt Ion:180 Resp: 52876

Ion Ratio Lower Upper

180 100

182 94.8 47.1 141.4

145 30.3 15.0 45.0



#94

Hexachlorobutadiene

Concen: 19.374 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

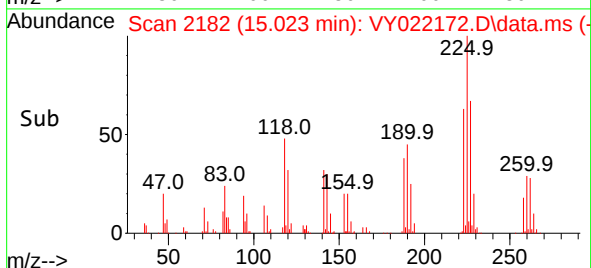
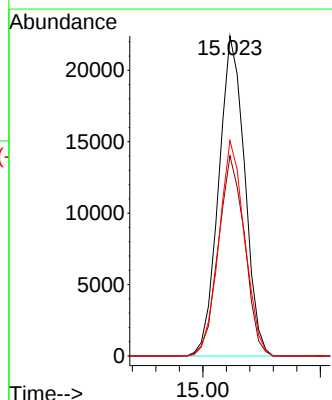
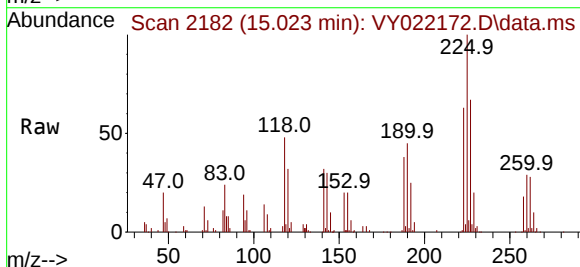
Tgt Ion:225 Resp: 34398

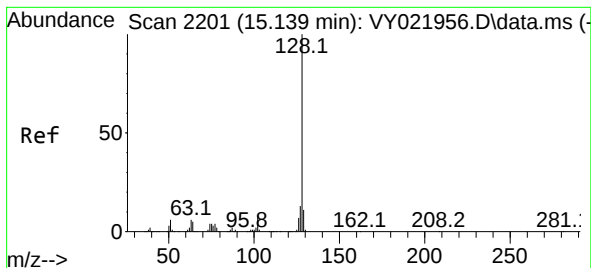
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.5

227 66.7 32.3 96.9





#95

Naphthalene

Concen: 16.037 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

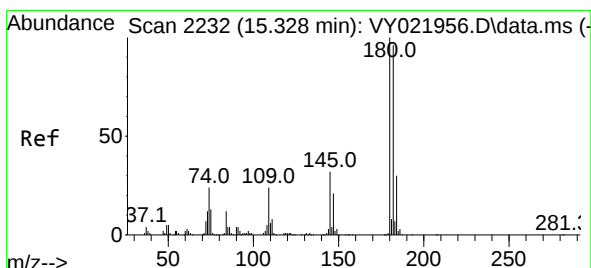
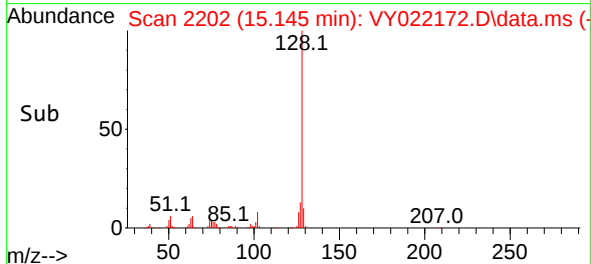
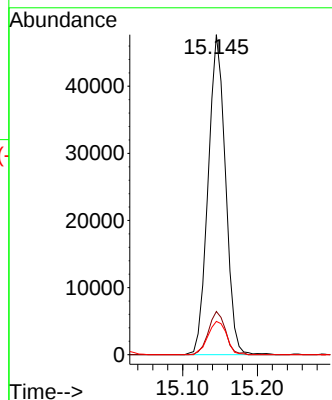
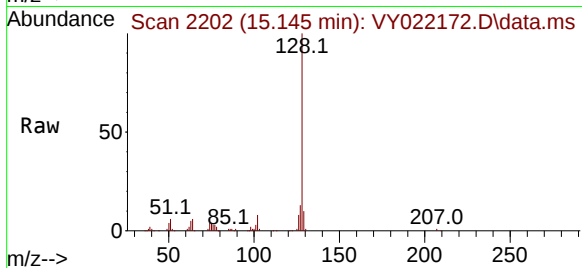
Tgt Ion:128 Resp: 76873

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.007 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022172.D

Acq: 06 May 2025 10:17

Tgt Ion:180 Resp: 44854

Ion Ratio Lower Upper

180 100

182 95.7 48.1 144.4

145 31.6 16.0 48.0

