

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111025\
 Data File : VY023714.D
 Acq On : 10 Nov 2025 14:49
 Operator : SY/MD
 Sample : VY1110SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBS01

Quant Time: Nov 11 02:06:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	507794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	774992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	703588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	362831	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	235166	55.382	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.760%	
35) Dibromofluoromethane	7.634	113	246036	51.667	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.340%	
50) Toluene-d8	10.109	98	942354	53.138	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.280%	
62) 4-Bromofluorobenzene	12.408	95	306183	52.295	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	74457	20.371	ug/l	97
3) Chloromethane	2.074	50	106185	21.326	ug/l	98
4) Vinyl Chloride	2.208	62	128483	19.811	ug/l	99
5) Bromomethane	2.592	94	112719	20.711	ug/l	97
6) Chloroethane	2.733	64	89705	20.292	ug/l	97
7) Trichlorofluoromethane	3.056	101	180858	20.085	ug/l	99
8) Diethyl Ether	3.452	74	49214	20.916	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	101161	21.649	ug/l	98
10) Methyl Iodide	4.007	142	99122	19.055	ug/l	99
11) Tert butyl alcohol	4.848	59	38592	122.167	ug/l #	83
12) 1,1-Dichloroethene	3.787	96	96399	21.282	ug/l	93
13) Acrolein	3.653	56	35884	80.391	ug/l	100
14) Allyl chloride	4.385	41	120175	21.769	ug/l	98
15) Acrylonitrile	5.061	53	102805	114.169	ug/l	100
16) Acetone	3.867	43	120807	119.505	ug/l	99
17) Carbon Disulfide	4.104	76	300176	23.154	ug/l	100
18) Methyl Acetate	4.385	43	47466	17.900	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	228638	21.002	ug/l	97
20) Methylene Chloride	4.616	84	111710	20.436	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	108521	21.761	ug/l	95
22) Diisopropyl ether	6.019	45	283828	23.244	ug/l	93
23) Vinyl Acetate	5.964	43	760480	115.059	ug/l	97
24) 1,1-Dichloroethane	5.921	63	180587	22.326	ug/l	96
25) 2-Butanone	6.896	43	146357	118.590	ug/l	93
26) 2,2-Dichloropropane	6.884	77	158722	21.385	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	126602	21.977	ug/l	97
28) Bromochloromethane	7.250	49	73690	24.404	ug/l	90
29) Tetrahydrofuran	7.262	42	79235	113.218	ug/l	96
30) Chloroform	7.421	83	200081	22.514	ug/l	95
31) Cyclohexane	7.701	56	153184	21.686	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	175515	21.733	ug/l	99
36) 1,1-Dichloropropene	7.835	75	136071	21.584	ug/l	98
37) Ethyl Acetate	6.988	43	57359	22.966	ug/l	98
38) Carbon Tetrachloride	7.817	117	158670	20.756	ug/l	97
39) Methylcyclohexane	9.109	83	164009	19.981	ug/l	96
40) Benzene	8.079	78	439422	22.009	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	26017	19.260	ug/l #	90
42) 1,2-Dichloroethane	8.158	62	112997	21.945	ug/l	100
43) Isopropyl Acetate	8.201	43	107167	21.518	ug/l	96
44) Trichloroethene	8.866	130	120585	20.635	ug/l	97
45) 1,2-Dichloropropane	9.140	63	98547	22.347	ug/l	99
46) Dibromomethane	9.231	93	60582	21.726	ug/l	94
47) Bromodichloromethane	9.420	83	153698	21.885	ug/l	99
48) Methyl methacrylate	9.225	41	48075	20.548	ug/l	99
49) 1,4-Dioxane	9.231	88	12604	389.849	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	281321	109.330	ug/l	99
52) Toluene	10.170	92	277772	21.428	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	127119	20.817	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	155012	21.508	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	80811	21.551	ug/l	96
56) Ethyl methacrylate	10.439	69	88381	20.433	ug/l	97
57) 1,3-Dichloropropane	10.719	76	129916	21.864	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	197292	101.818	ug/l	96
59) 2-Hexanone	10.762	43	203056	110.424	ug/l	96
60) Dibromochloromethane	10.914	129	109693	20.865	ug/l	100
61) 1,2-Dibromoethane	11.012	107	77093	21.557	ug/l	99
64) Tetrachloroethene	10.646	164	152493	20.991	ug/l	96
65) Chlorobenzene	11.444	112	311071	20.328	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	110567	20.276	ug/l	98
67) Ethyl Benzene	11.518	91	496106	20.028	ug/l	99
68) m/p-Xylenes	11.627	106	401483	40.410	ug/l	96
69) o-Xylene	11.957	106	183237	19.663	ug/l	99
70) Styrene	11.969	104	305833	19.957	ug/l	99
71) Bromoform	12.127	173	66776	19.741	ug/l #	98
73) Isopropylbenzene	12.255	105	473505	19.803	ug/l	98
74) N-amyl acetate	12.066	43	85926	20.007	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	80188	20.504	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	109743	34.282	ug/l #	100
77) Bromobenzene	12.530	156	125634	19.764	ug/l	96
78) n-propylbenzene	12.591	91	567442	20.507	ug/l	98
79) 2-Chlorotoluene	12.676	91	337258	20.814	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	401592	20.784	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	25602	19.612	ug/l	96
82) 4-Chlorotoluene	12.773	91	347583	20.829	ug/l	99
83) tert-Butylbenzene	12.999	119	346894	19.445	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	400015	20.744	ug/l	97
85) sec-Butylbenzene	13.176	105	515744	20.153	ug/l	99
86) p-Isopropyltoluene	13.292	119	431325	19.796	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	242692	19.606	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	242205	19.811	ug/l	98
89) n-Butylbenzene	13.615	91	367122	19.337	ug/l	98
90) Hexachloroethane	13.877	117	94813	20.231	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	215742	19.879	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12851	20.027	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	113027	16.706	ug/l	100
94) Hexachlorobutadiene	15.023	225	76311	18.094	ug/l	98
95) Naphthalene	15.145	128	163973	15.220	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	95756	16.340	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

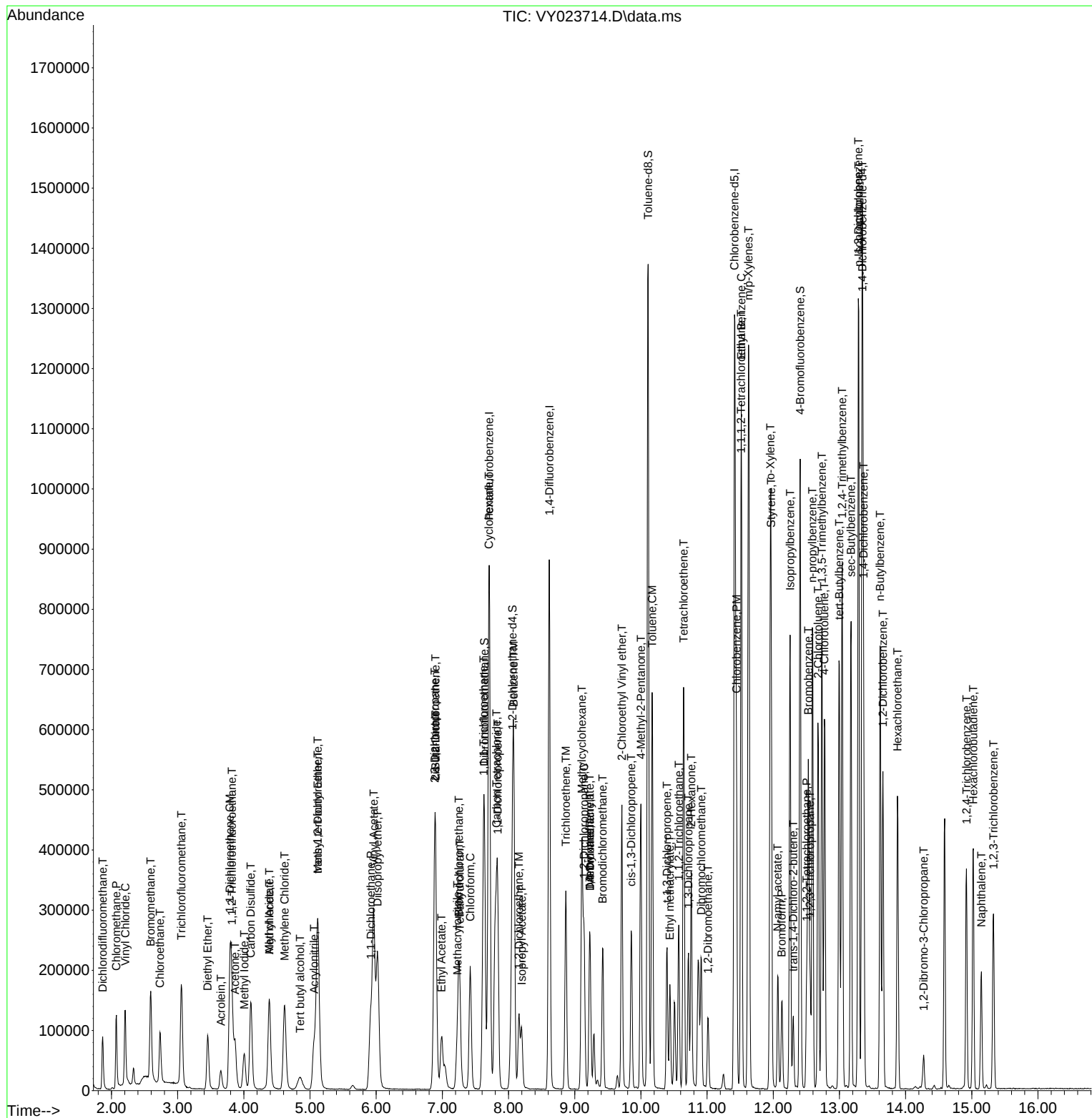
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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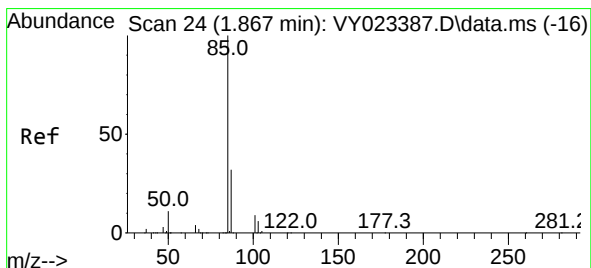
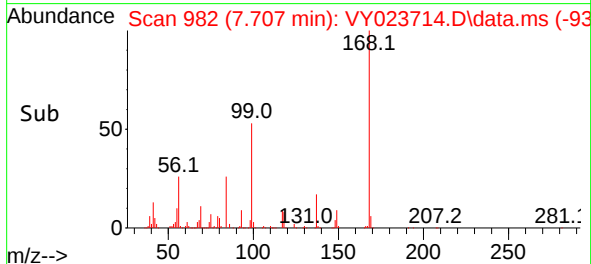
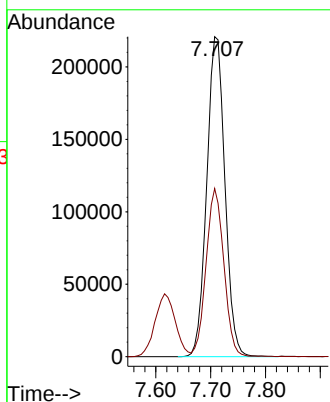
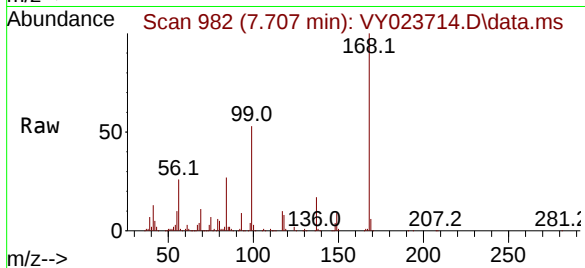




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023714.D
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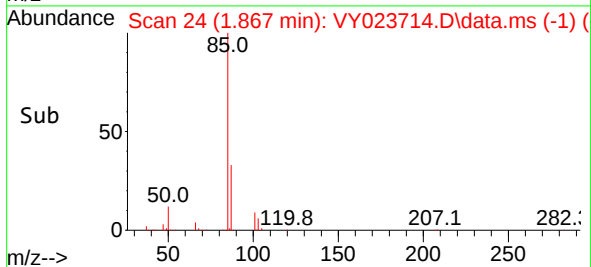
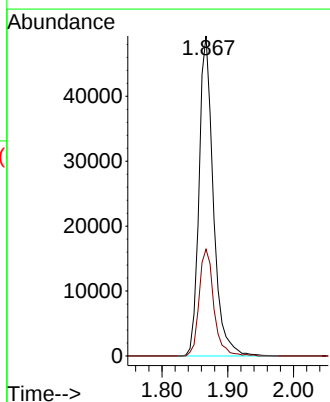
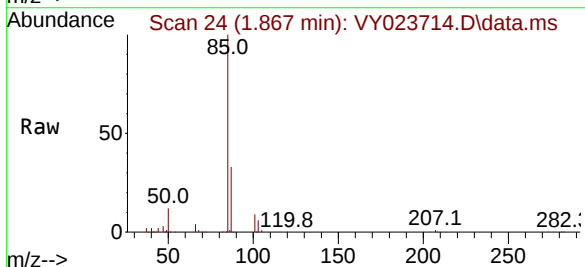
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

Tgt Ion:168 Resp: 507794
Ion Ratio Lower Upper
168 100
99 52.5 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 20.371 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion: 85 Resp: 74457
Ion Ratio Lower Upper
85 100
87 33.3 16.0 47.9

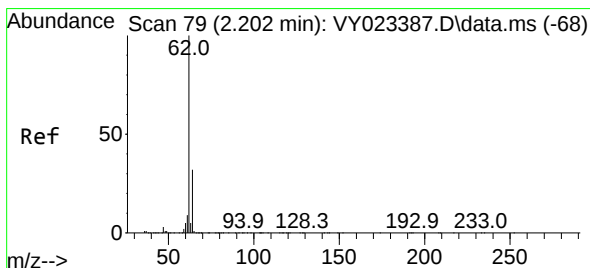
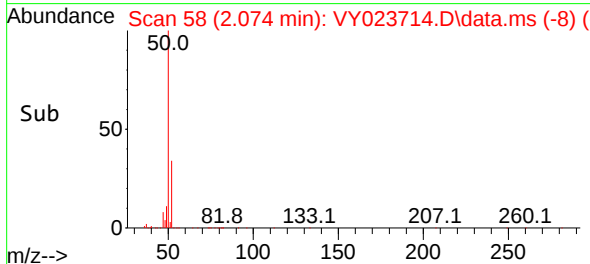
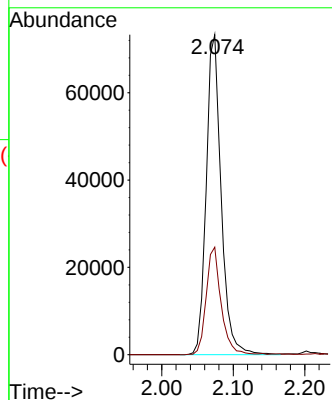
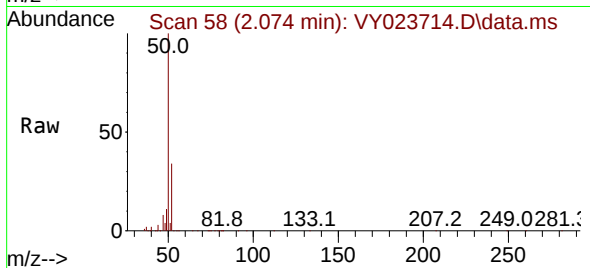




#3
Chloromethane
Concen: 21.326 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

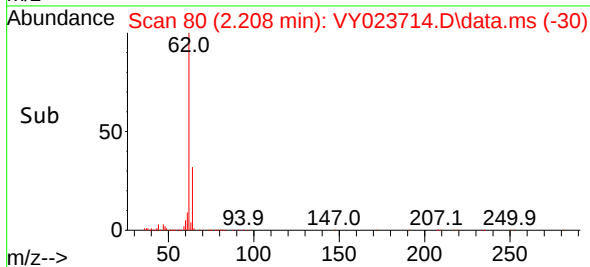
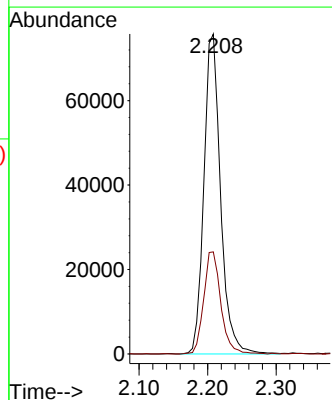
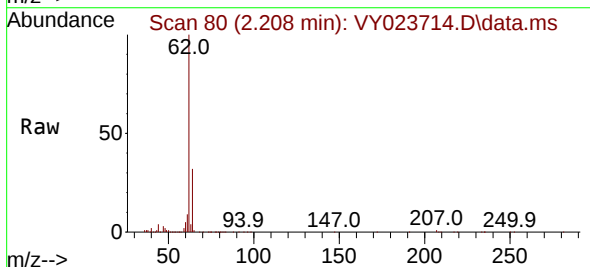
Instrument :
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ClientSampleId :
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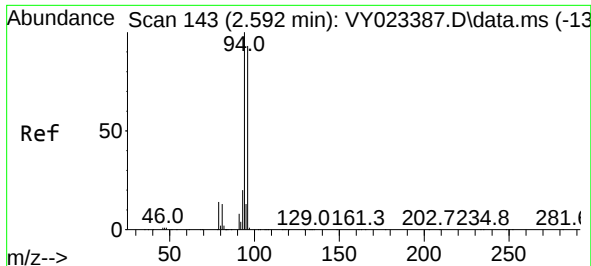
Tgt Ion: 50 Resp: 106185
Ion Ratio Lower Upper
50 100
52 33.6 26.2 39.2



#4
Vinyl Chloride
Concen: 19.811 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion: 62 Resp: 128483
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.8

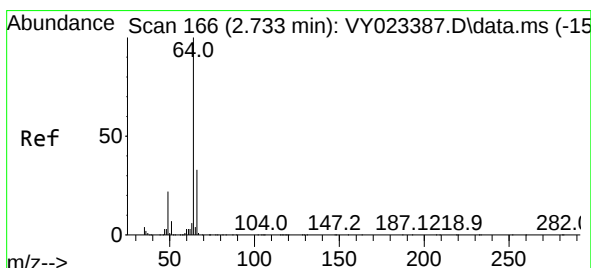
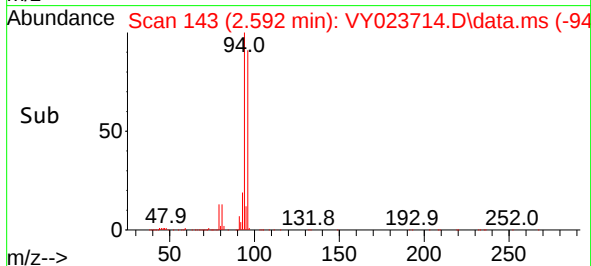
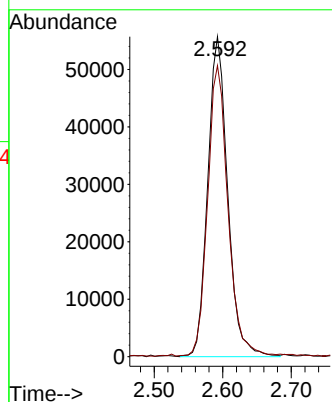
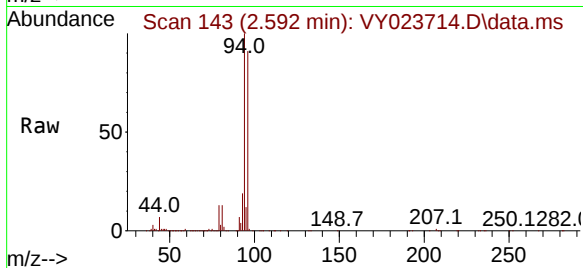




#5
Bromomethane
Concen: 20.711 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

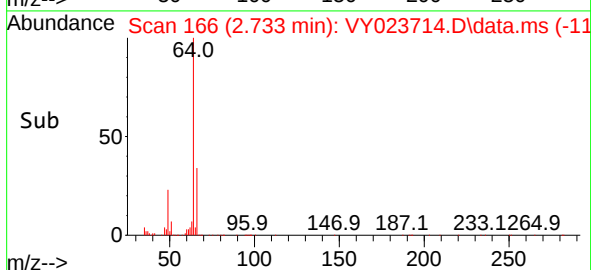
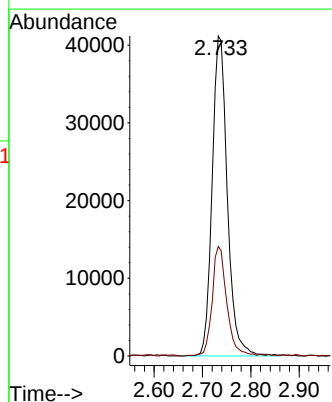
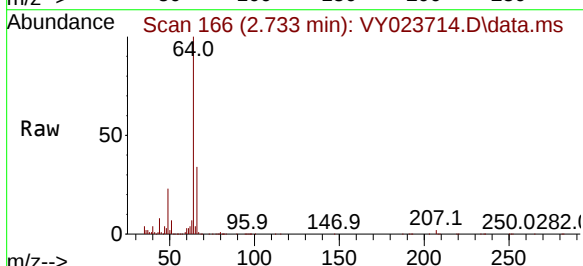
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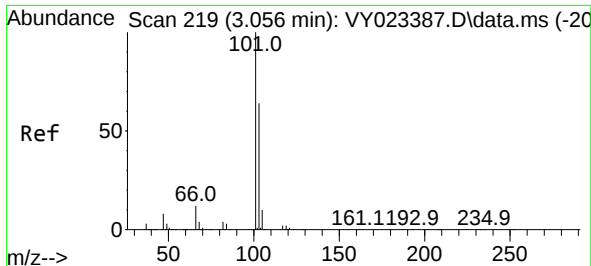
Tgt Ion: 94 Resp: 112719
Ion Ratio Lower Upper
94 100
96 90.6 74.5 111.7



#6
Chloroethane
Concen: 20.292 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion: 64 Resp: 89705
Ion Ratio Lower Upper
64 100
66 34.2 26.2 39.4

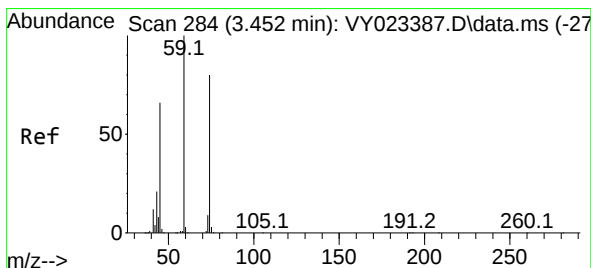
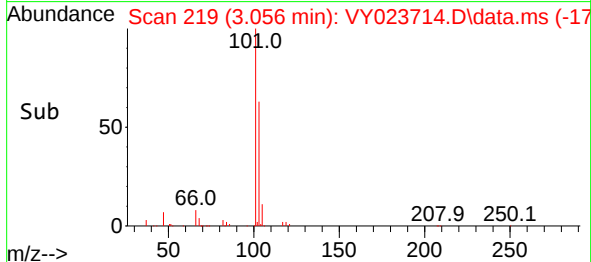
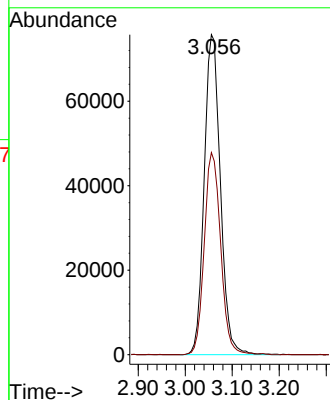
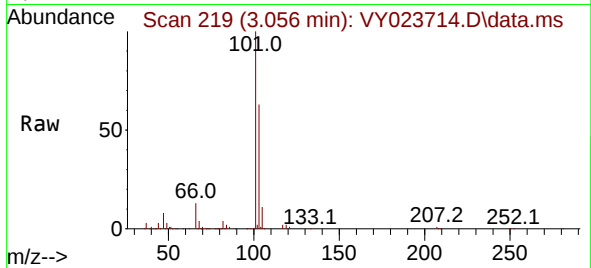




#7
 Trichlorofluoromethane
 Concen: 20.085 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY023714.D
 Acq: 10 Nov 2025 14:49

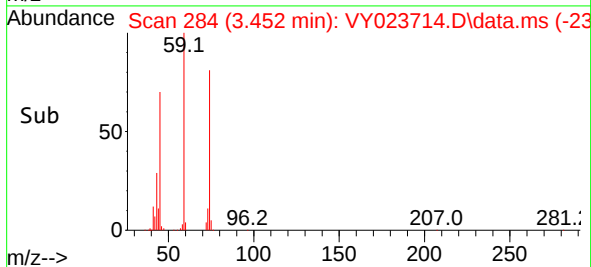
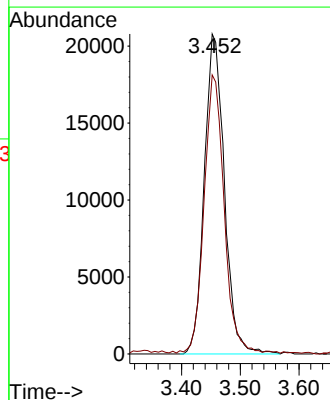
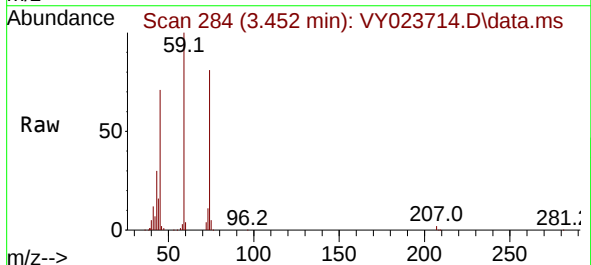
Instrument :
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Tgt Ion:101 Resp: 180858
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.3 76.9



#8
 Diethyl Ether
 Concen: 20.916 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY023714.D
 Acq: 10 Nov 2025 14:49

Tgt Ion: 74 Resp: 49214
 Ion Ratio Lower Upper
 74 100
 45 86.4 39.9 119.7

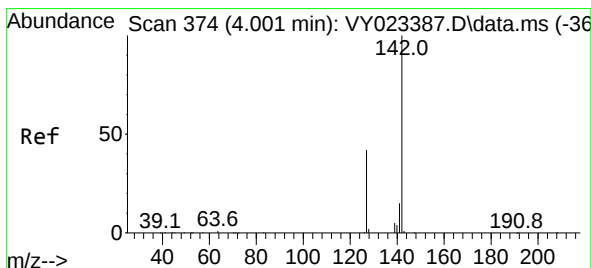
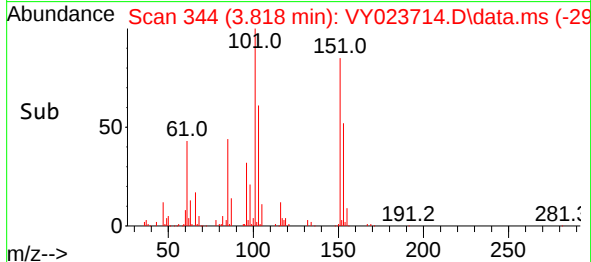
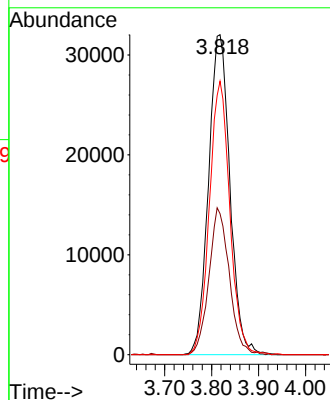
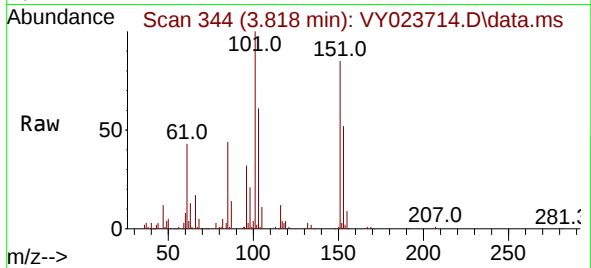




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.649 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
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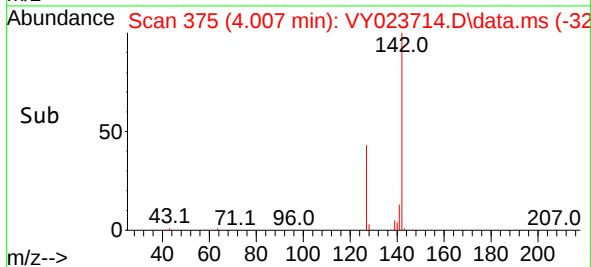
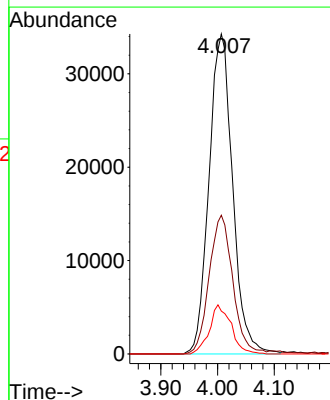
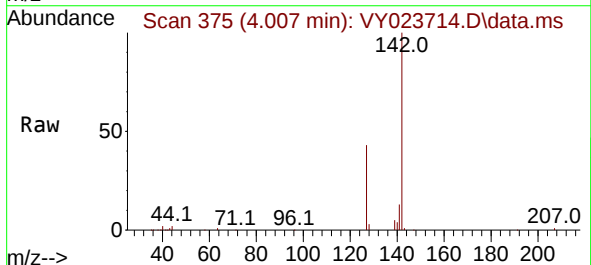
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

Tgt Ion:101 Resp: 101161
Ion Ratio Lower Upper
101 100
85 43.8 34.6 51.8
151 81.6 67.0 100.6



#10
Methyl Iodide
Concen: 19.055 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion:142 Resp: 99122
Ion Ratio Lower Upper
142 100
127 43.2 34.8 52.2
141 14.1 11.6 17.4

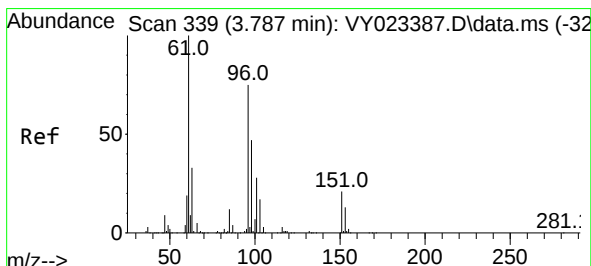
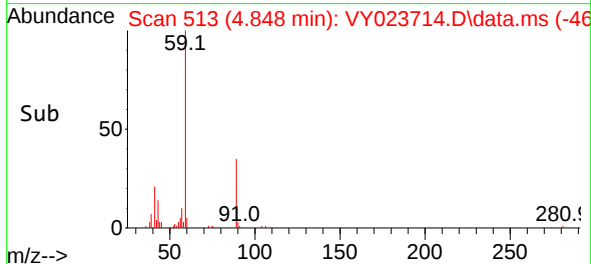
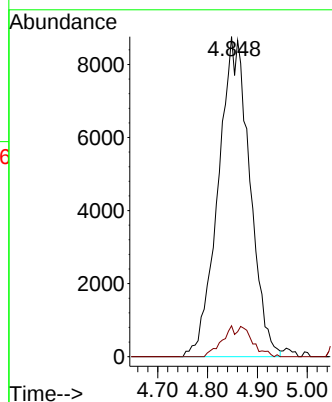
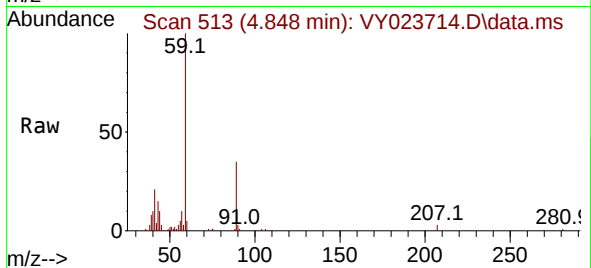




#11
Tert butyl alcohol
Concen: 122.167 ug/l
RT: 4.848 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

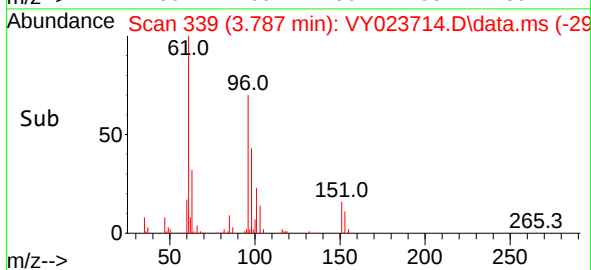
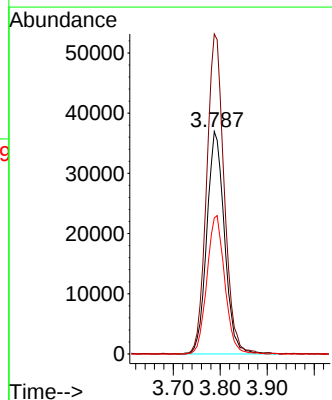
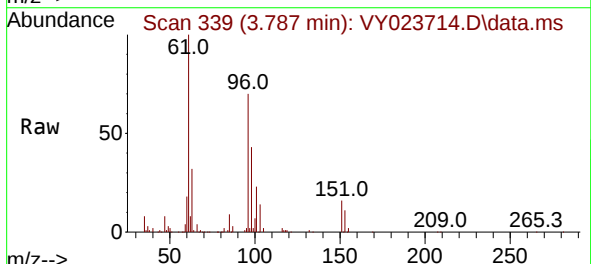
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

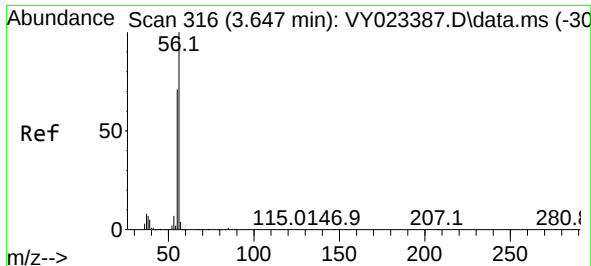
Tgt Ion: 59 Resp: 38592
Ion Ratio Lower Upper
59 100
57 4.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 21.282 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion: 96 Resp: 96399
Ion Ratio Lower Upper
96 100
61 143.8 106.7 160.1
98 61.2 50.2 75.4

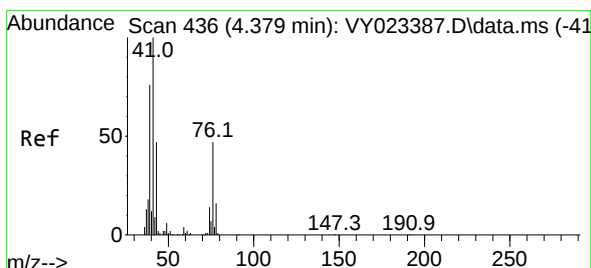
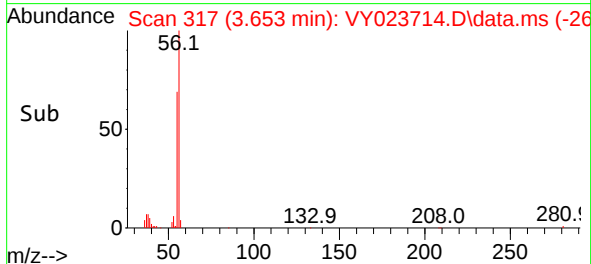
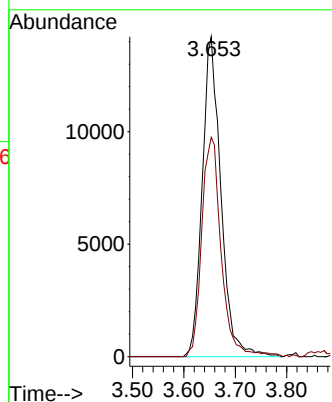
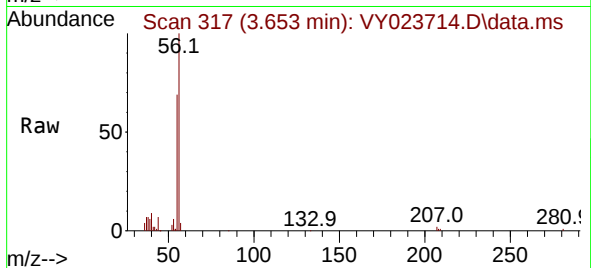




#13
Acrolein
Concen: 80.391 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

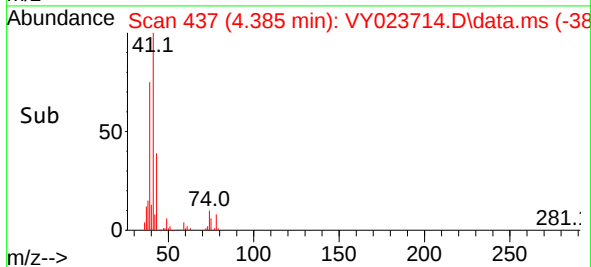
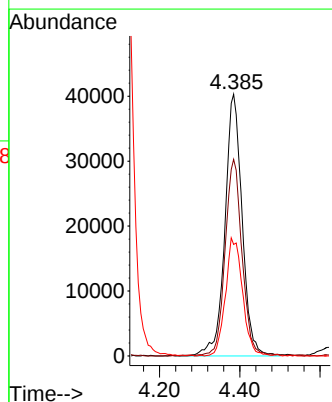
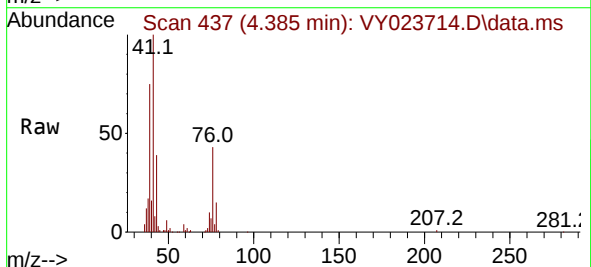
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

Tgt Ion: 56 Resp: 35884
Ion Ratio Lower Upper
56 100
55 70.5 56.1 84.1



#14
Allyl chloride
Concen: 21.769 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion: 41 Resp: 120175
Ion Ratio Lower Upper
41 100
39 73.9 59.9 89.9
76 44.7 38.0 57.0

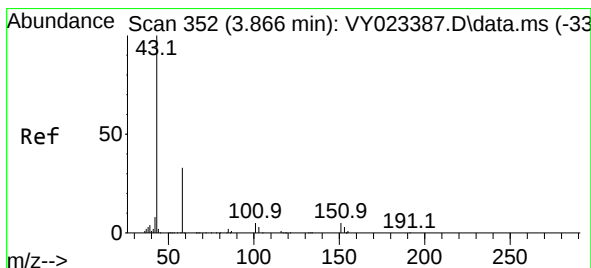
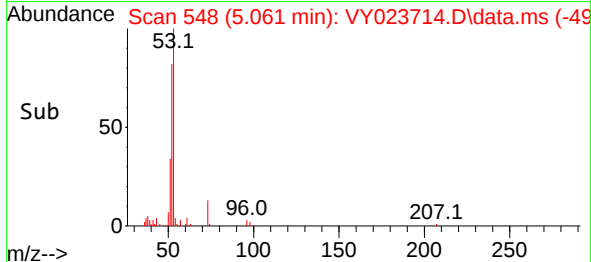
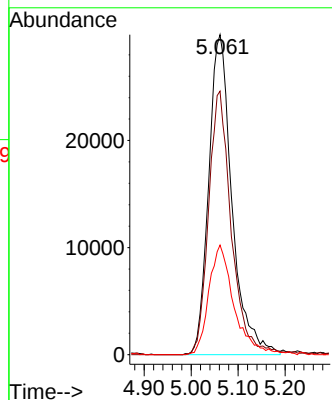
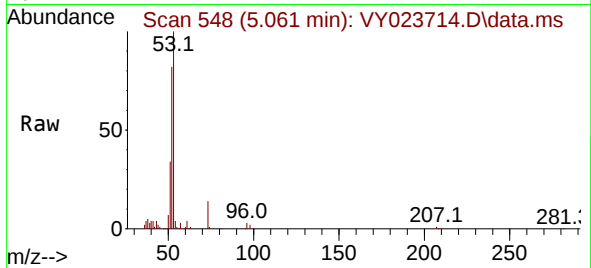




#15
Acrylonitrile
Concen: 114.169 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

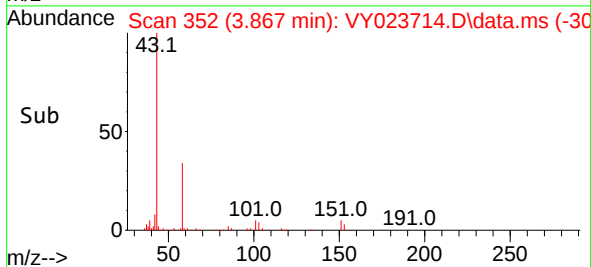
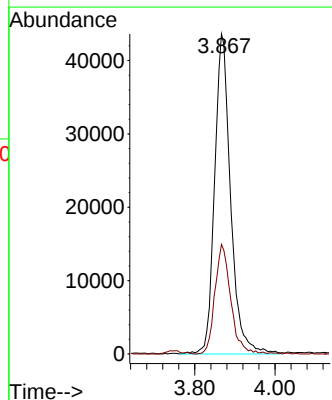
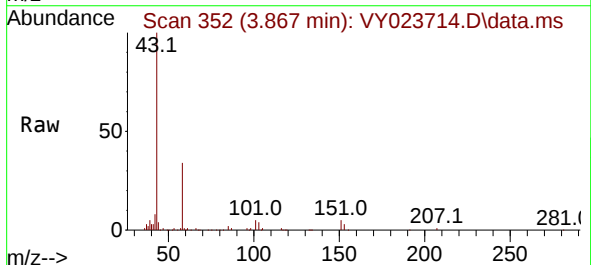
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

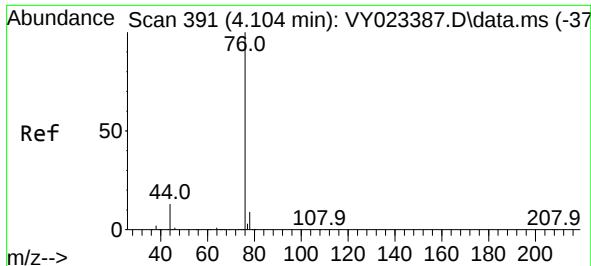
Tgt Ion: 53 Resp: 102805
Ion Ratio Lower Upper
53 100
52 80.4 64.6 97.0
51 37.0 29.5 44.3



#16
Acetone
Concen: 119.505 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion: 43 Resp: 120807
Ion Ratio Lower Upper
43 100
58 34.0 27.7 41.5

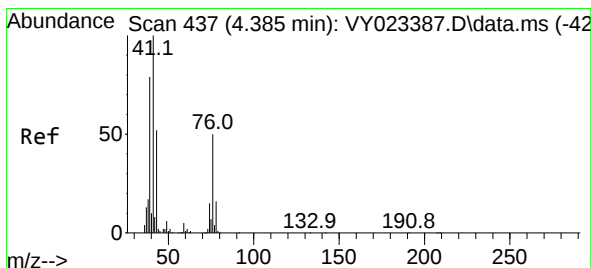
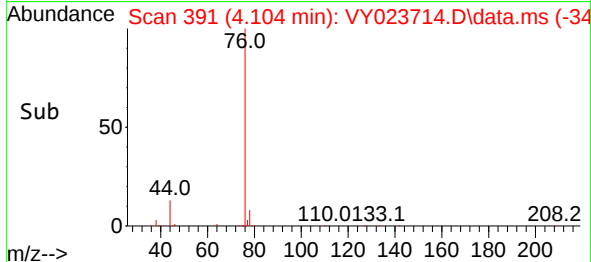
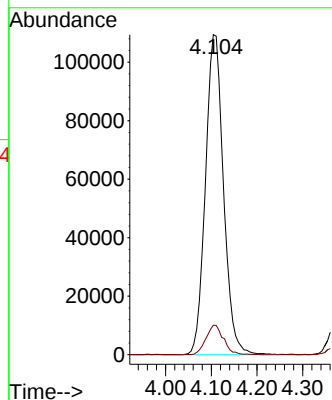
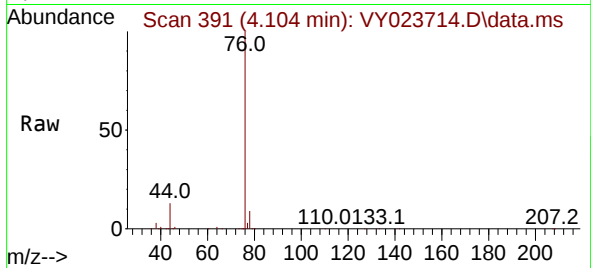




#17
Carbon Disulfide
Concen: 23.154 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

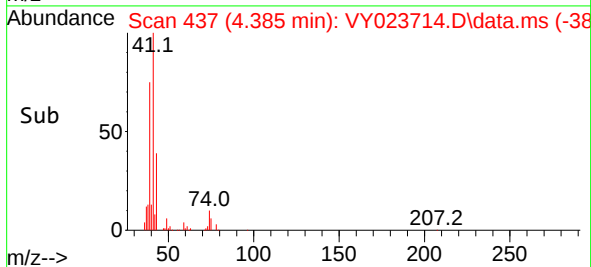
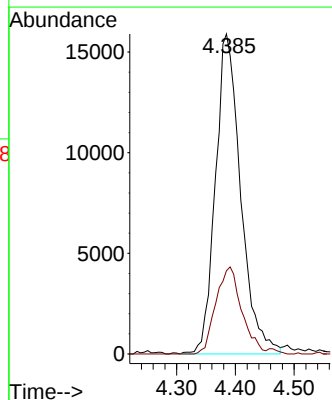
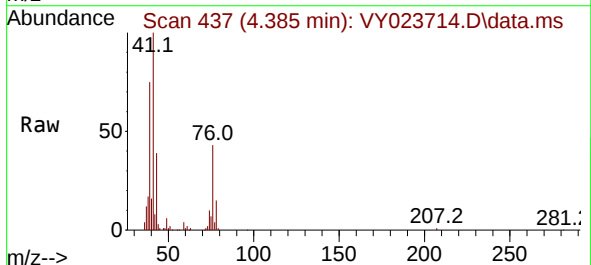
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

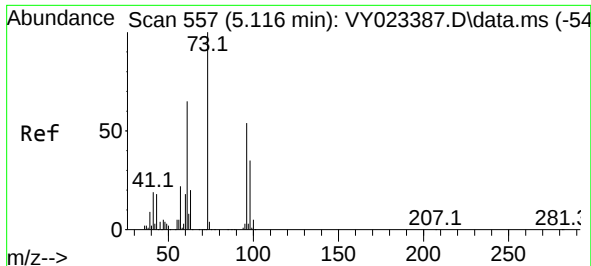
Tgt Ion: 76 Resp: 300176
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 17.900 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion: 43 Resp: 47466
Ion Ratio Lower Upper
43 100
74 27.8 24.2 36.4

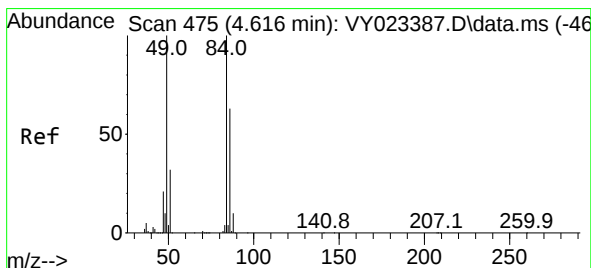
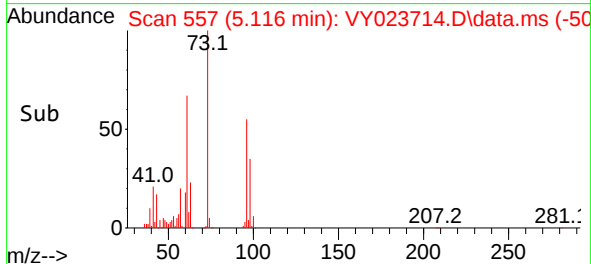
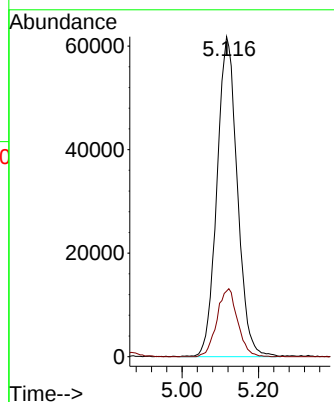
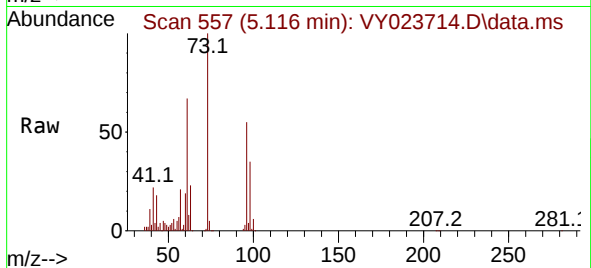




#19
Methyl tert-butyl Ether
Concen: 21.002 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

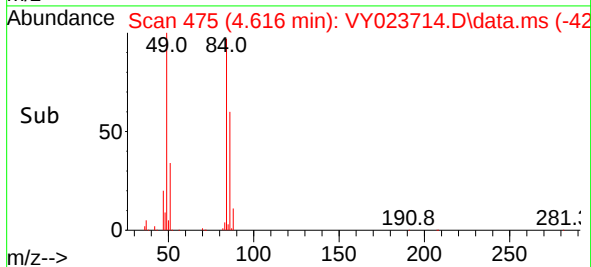
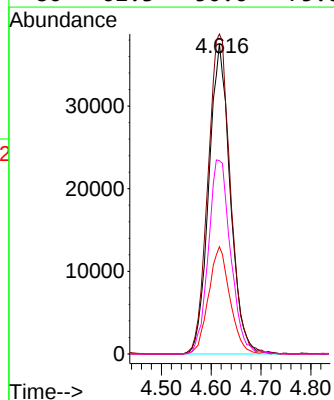
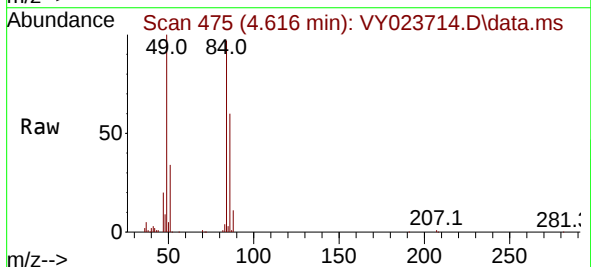
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

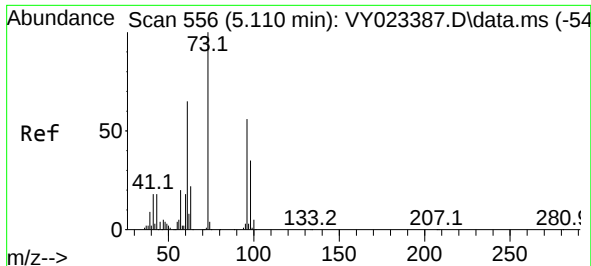
Tgt Ion: 73 Resp: 228638
Ion Ratio Lower Upper
73 100
57 20.5 17.4 26.0



#20
Methylene Chloride
Concen: 20.436 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion: 84 Resp: 111710
Ion Ratio Lower Upper
84 100
49 103.1 80.2 120.4
51 34.5 25.9 38.9
86 62.3 50.6 75.8

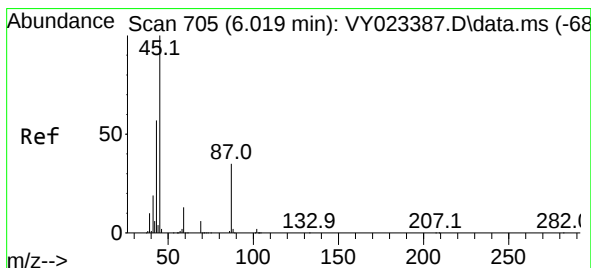
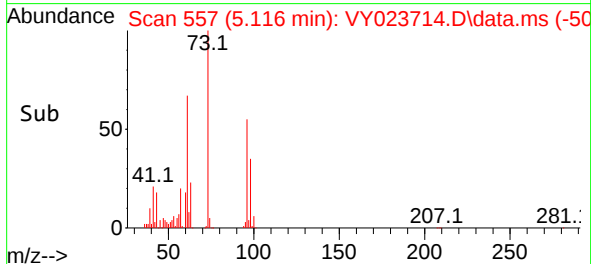
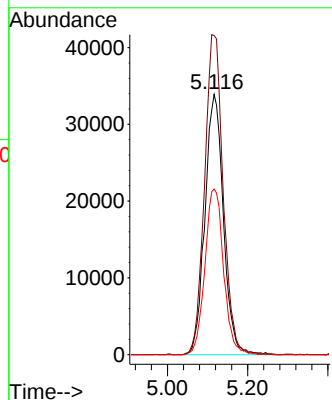
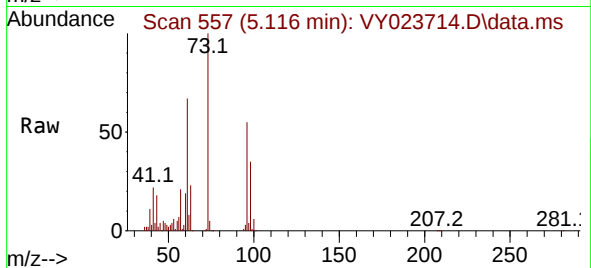




#21
trans-1,2-Dichloroethene
Concen: 21.761 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

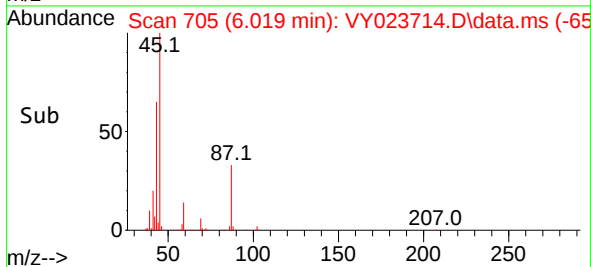
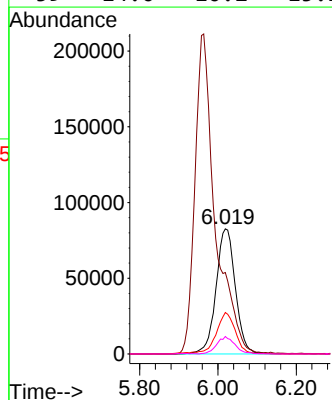
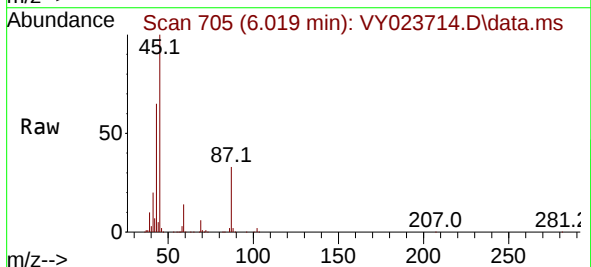
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

Tgt Ion: 96 Resp: 108521
Ion Ratio Lower Upper
96 100
61 122.6 92.7 139.1
98 63.6 49.7 74.5



#22
Diisopropyl ether
Concen: 23.244 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion: 45 Resp: 283828
Ion Ratio Lower Upper
45 100
43 64.5 45.6 68.4
87 33.2 28.1 42.1
59 14.0 10.2 15.2

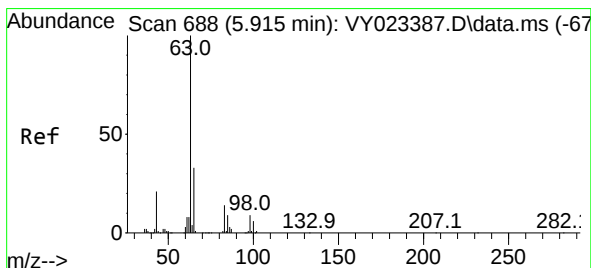
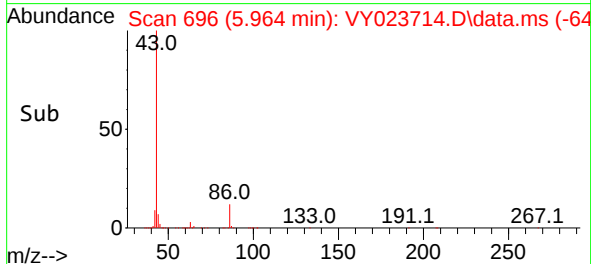
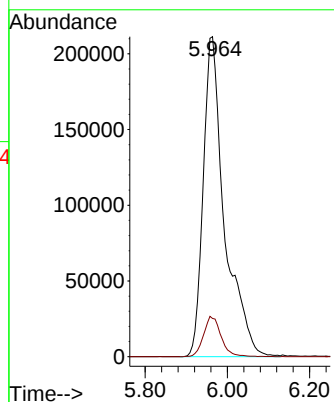
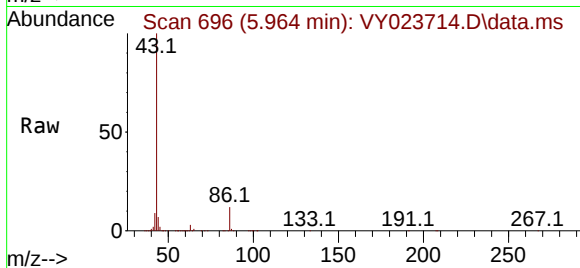




#23
Vinyl Acetate
Concen: 115.059 ug/l
RT: 5.964 min Scan# 695
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

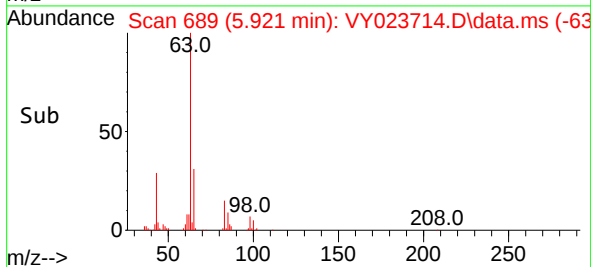
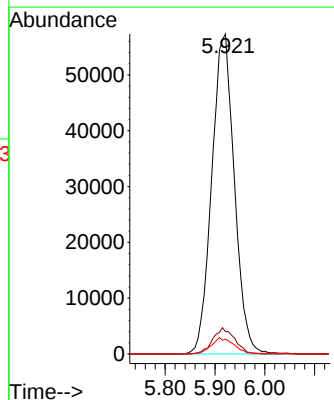
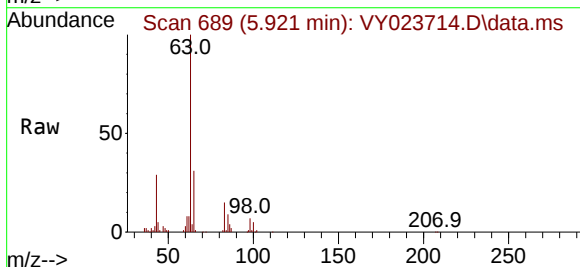
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

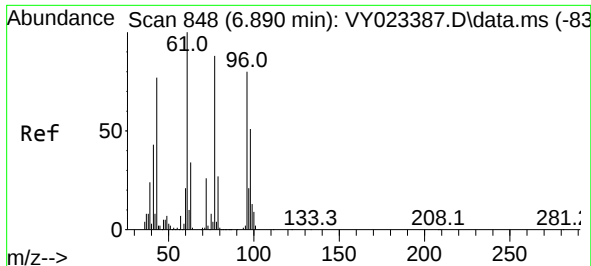
Tgt Ion: 43 Resp: 760480
Ion Ratio Lower Upper
43 100
86 11.9 10.6 15.8



#24
1,1-Dichloroethane
Concen: 22.326 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion: 63 Resp: 180587
Ion Ratio Lower Upper
63 100
98 7.0 4.3 13.1
100 4.7 2.8 8.4





#25

2-Butanone

Concen: 118.590 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

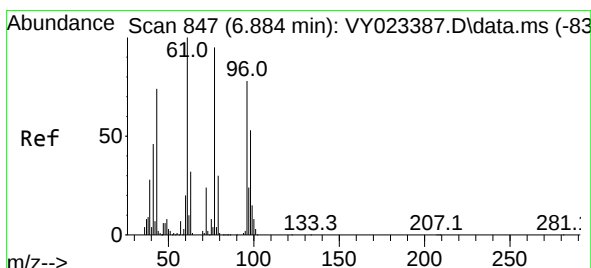
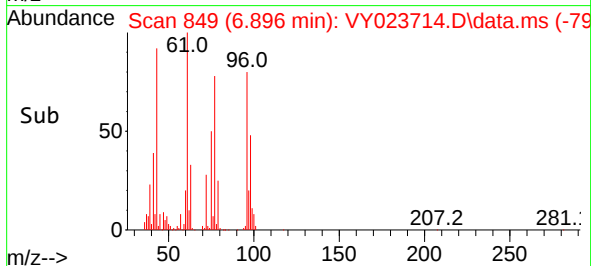
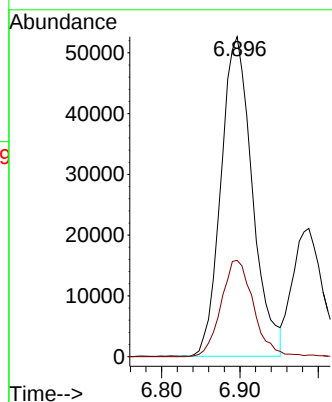
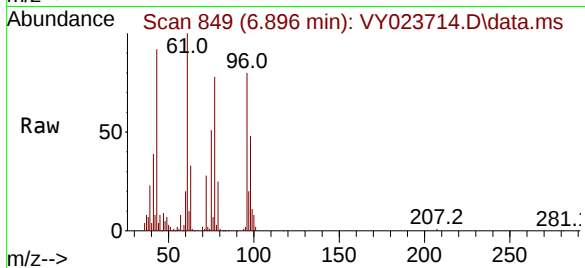
VY1110SBS01

Tgt Ion: 43 Resp: 146357

Ion Ratio Lower Upper

43 100

72 30.2 27.4 41.2



#26

2,2-Dichloropropane

Concen: 21.385 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023714.D

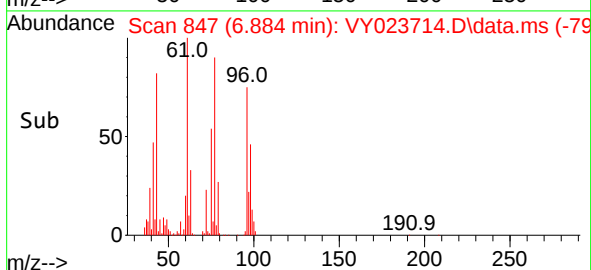
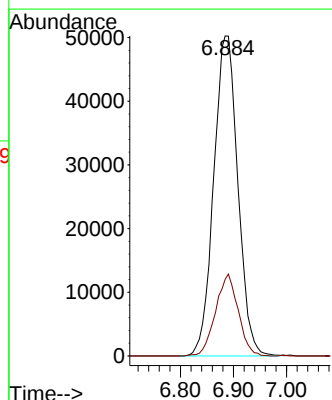
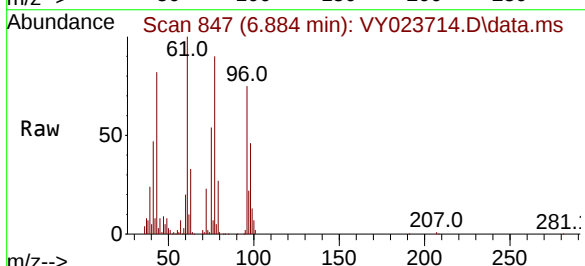
Acq: 10 Nov 2025 14:49

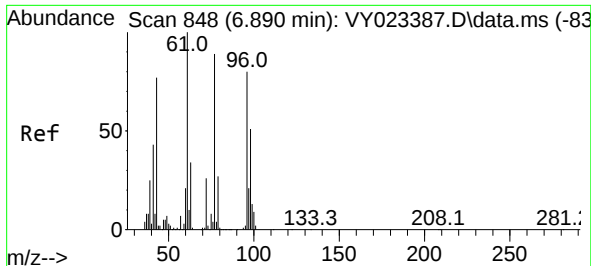
Tgt Ion: 77 Resp: 158722

Ion Ratio Lower Upper

77 100

97 24.0 12.1 36.3

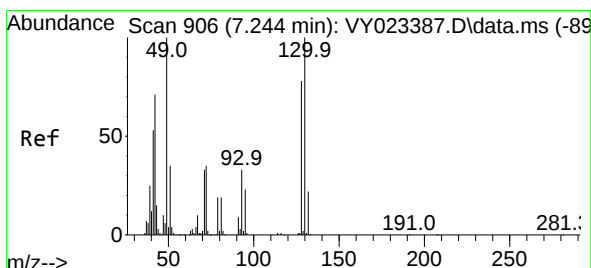
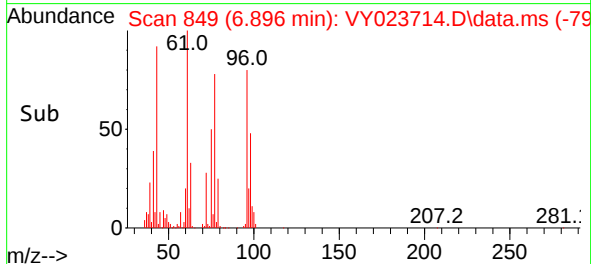
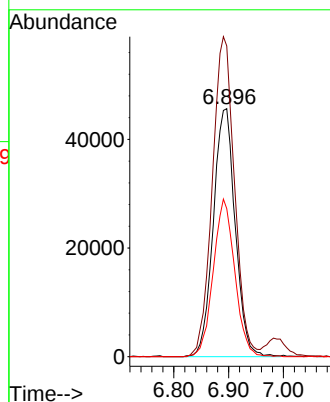
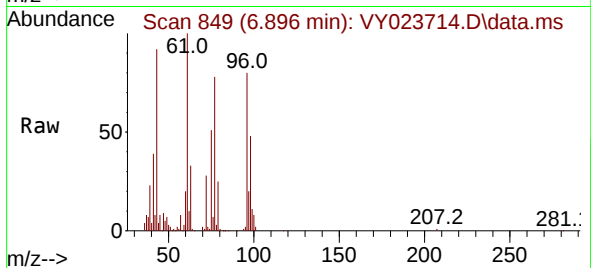




#27
cis-1,2-Dichloroethene
Concen: 21.977 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

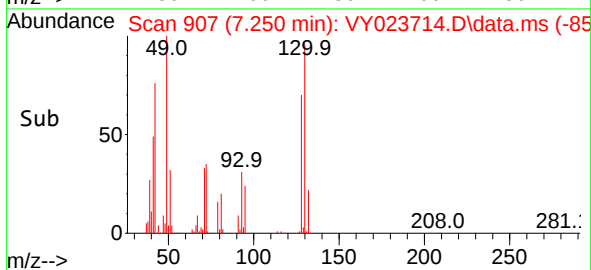
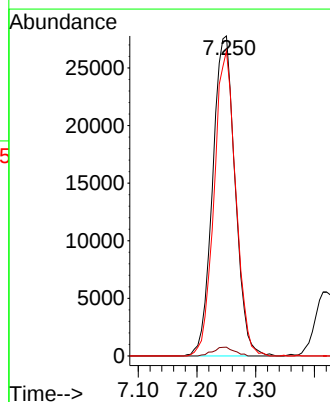
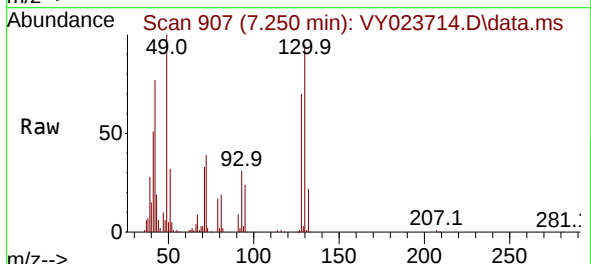
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

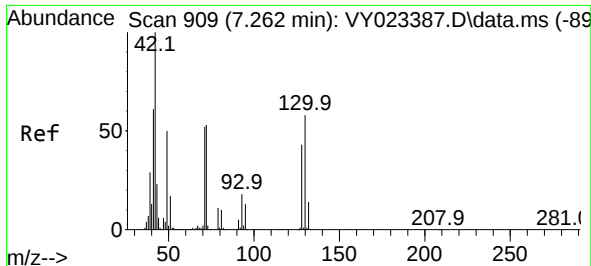
Tgt Ion: 96 Resp: 126602
Ion Ratio Lower Upper
96 100
61 131.0 0.0 258.2
98 62.6 0.0 132.0



#28
Bromochloromethane
Concen: 24.404 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion: 49 Resp: 73690
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.6
130 91.6 81.9 122.9





#29

Tetrahydrofuran

Concen: 113.218 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

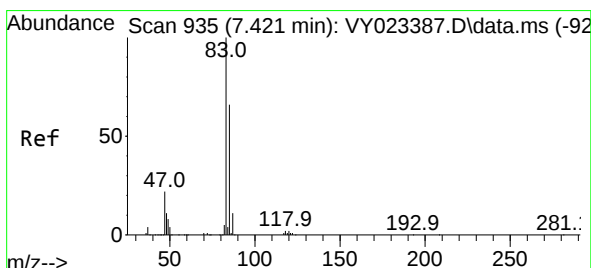
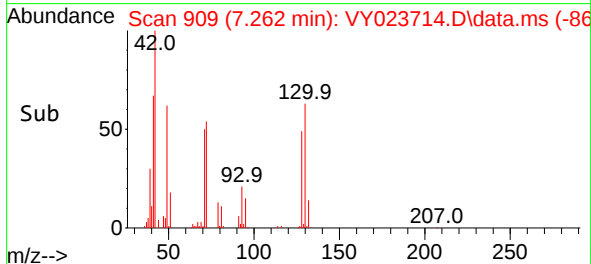
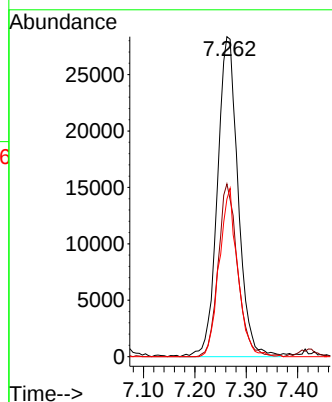
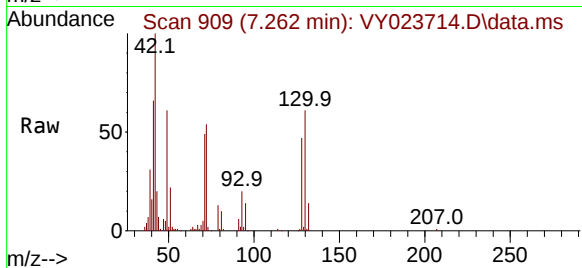
Tgt Ion: 42 Resp: 79235

Ion Ratio Lower Upper

42 100

72 50.8 43.0 64.6

71 47.3 40.1 60.1



#30

Chloroform

Concen: 22.514 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY023714.D

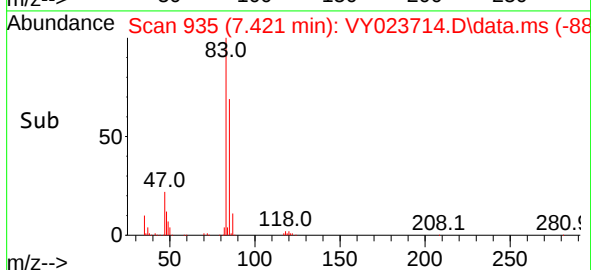
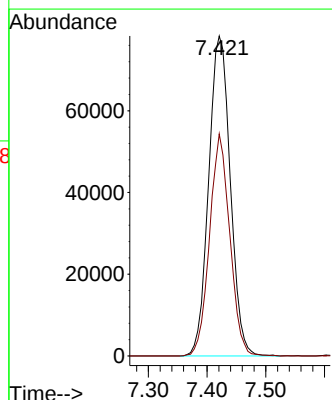
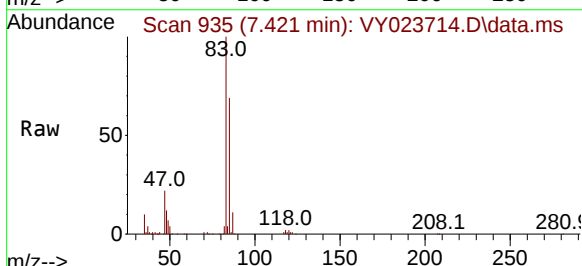
Acq: 10 Nov 2025 14:49

Tgt Ion: 83 Resp: 200081

Ion Ratio Lower Upper

83 100

85 69.4 52.5 78.7

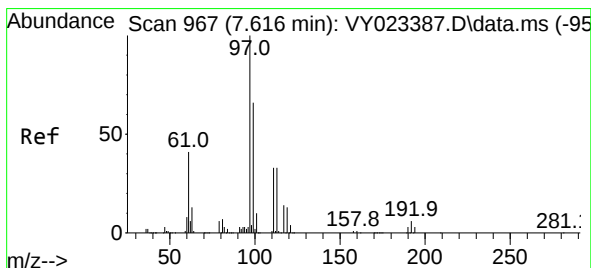
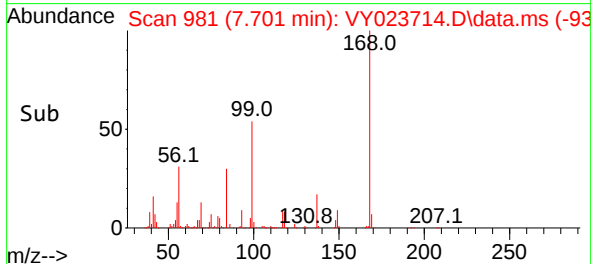
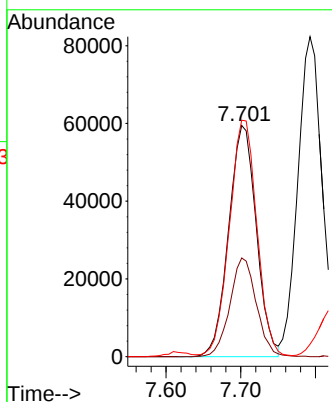
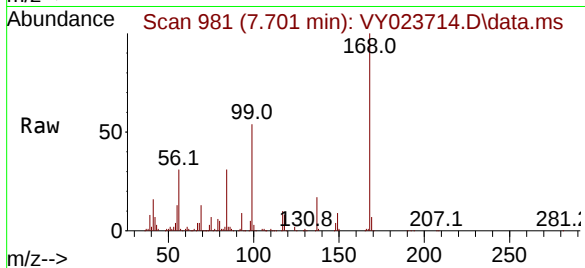




#31
Cyclohexane
Concen: 21.686 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

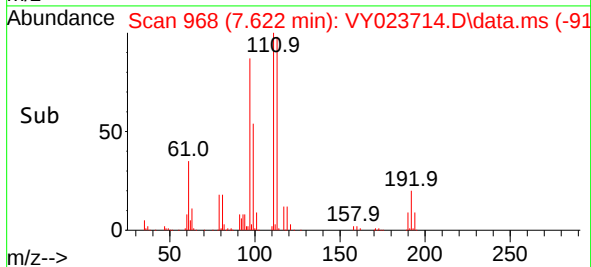
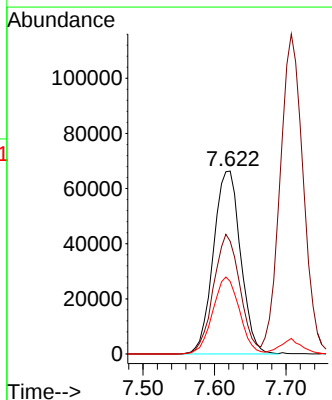
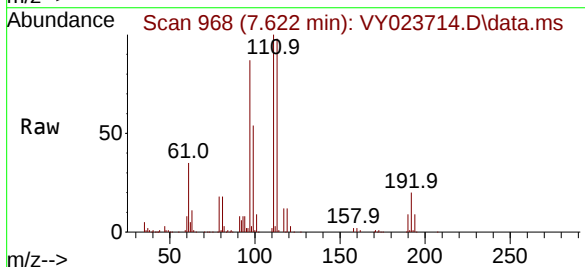
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

Tgt Ion: 56 Resp: 153184
Ion Ratio Lower Upper
56 100
69 42.7 30.0 45.0
84 100.4 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 21.733 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion: 97 Resp: 175515
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.2
61 41.3 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 55.382 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

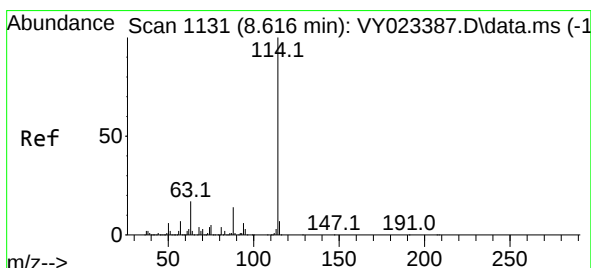
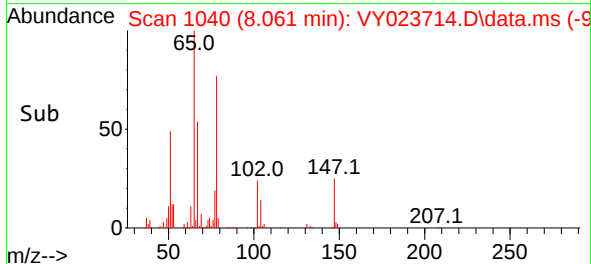
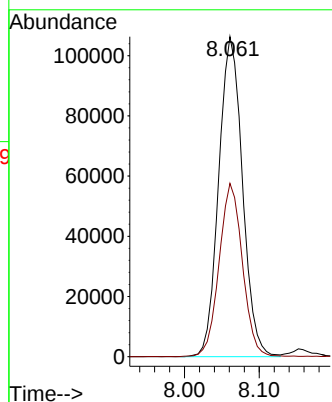
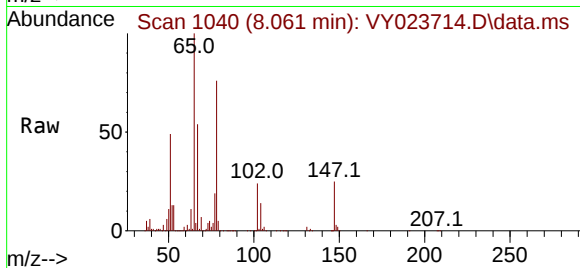
VY1110SBS01

Tgt Ion: 65 Resp: 235166

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: VY023714.D

Acq: 10 Nov 2025 14:49

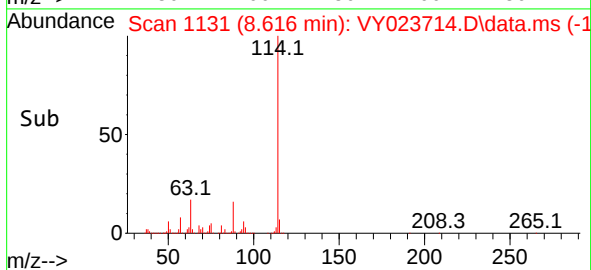
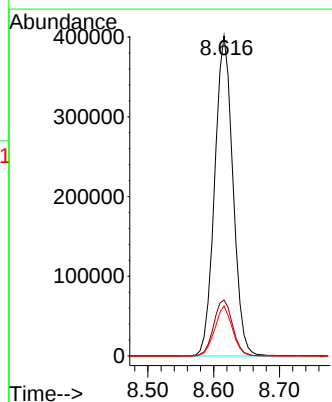
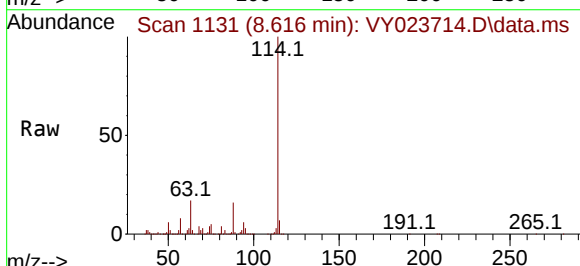
Tgt Ion: 114 Resp: 774992

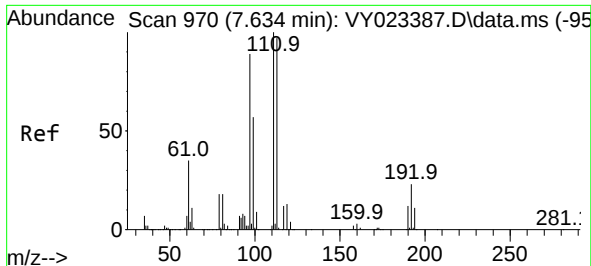
Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.2

88 15.6 0.0 28.4

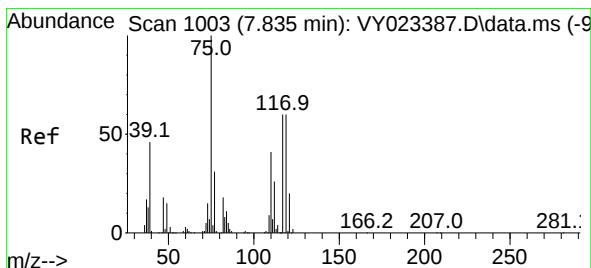
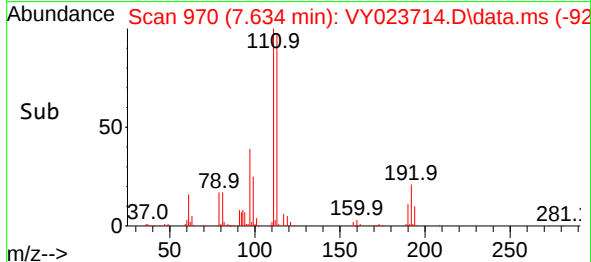
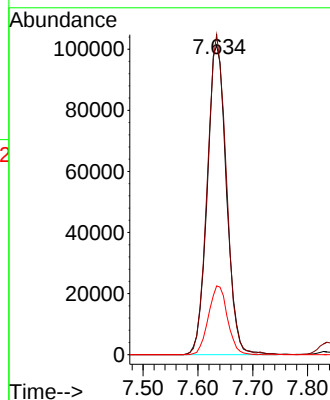
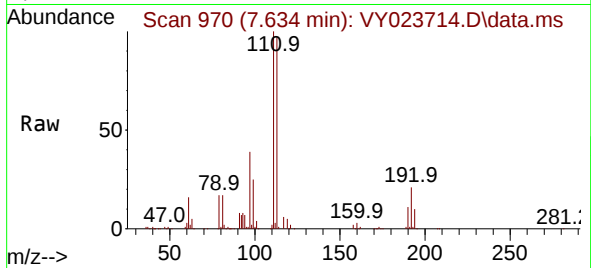




#35
Dibromofluoromethane
Concen: 51.667 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

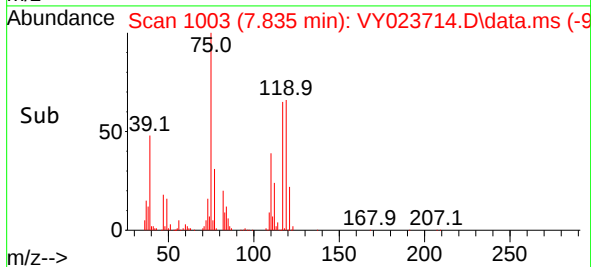
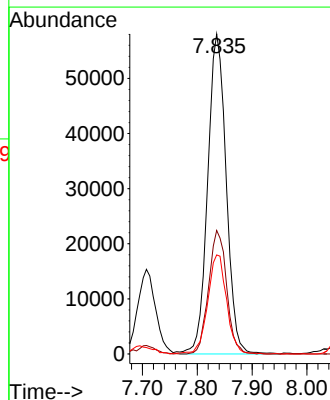
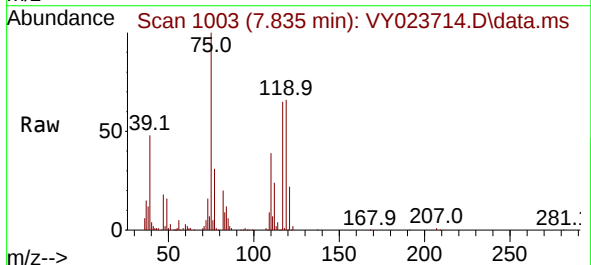
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

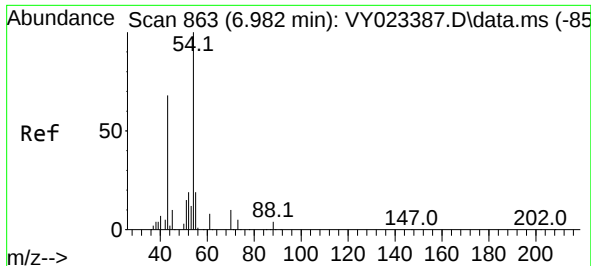
Tgt Ion:113 Resp: 246036
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.6
192 22.0 18.0 27.0



#36
1,1-Dichloropropene
Concen: 21.584 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion: 75 Resp: 136071
Ion Ratio Lower Upper
75 100
110 37.5 19.9 59.7
77 31.7 25.0 37.6

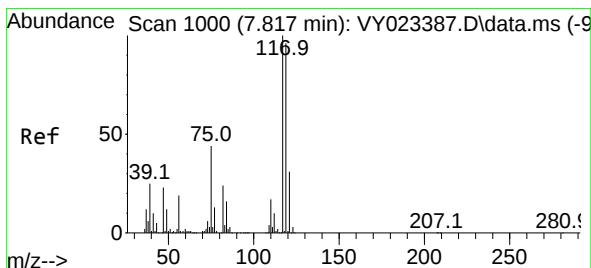
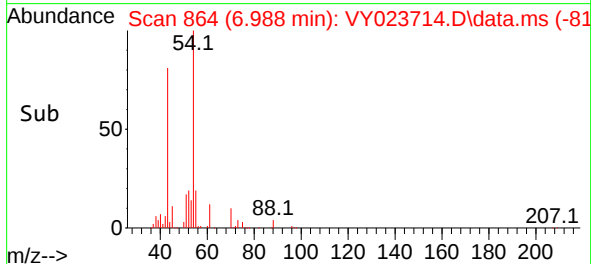
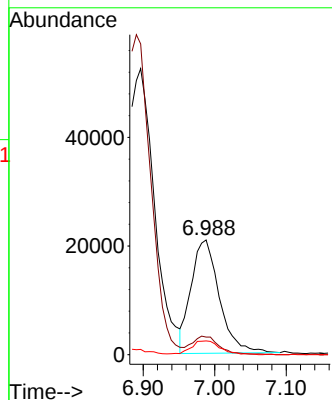
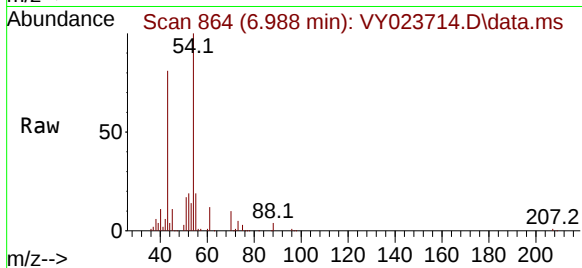




#37
Ethyl Acetate
Concen: 22.966 ug/l
RT: 6.988 min Scan# 863
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

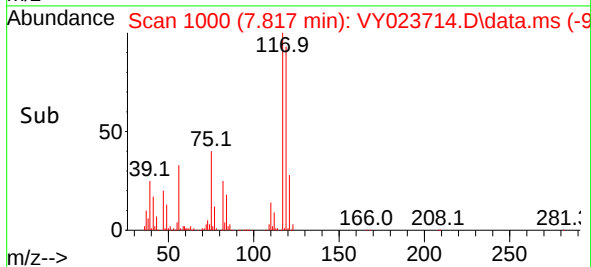
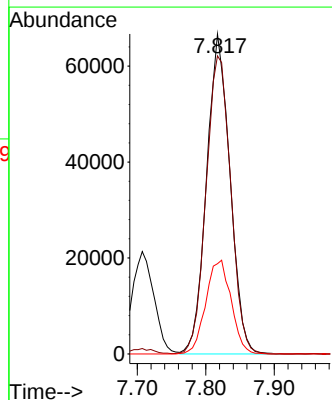
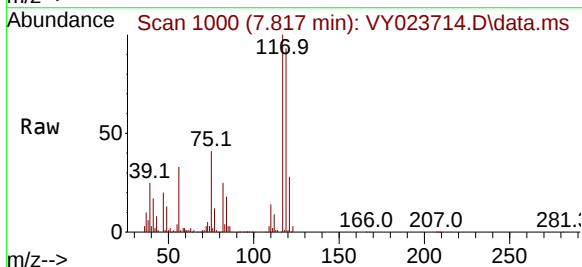
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

Tgt Ion:	43	Resp:	57359
Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.8	17.8
70	12.7	10.5	15.7



#38
Carbon Tetrachloride
Concen: 20.756 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion:	117	Resp:	158670
Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.8	115.2
121	28.2	24.5	36.7





#39

Methylcyclohexane

Concen: 19.981 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

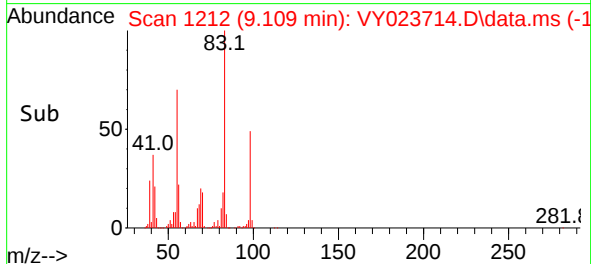
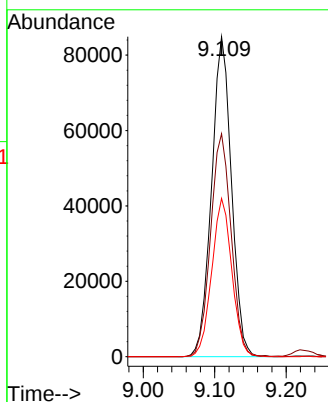
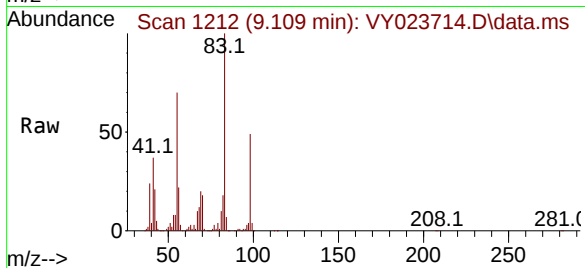
Tgt Ion: 83 Resp: 164009

Ion Ratio Lower Upper

83 100

55 69.6 51.4 77.2

98 49.4 40.4 60.6



#40

Benzene

Concen: 22.009 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY023714.D

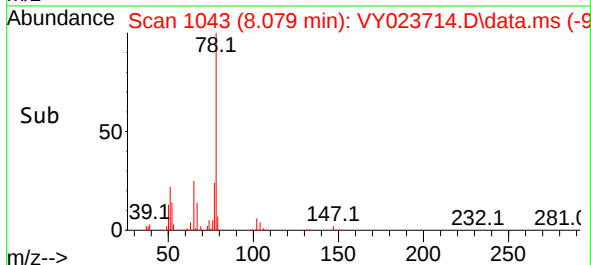
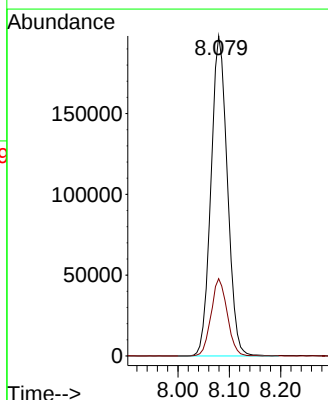
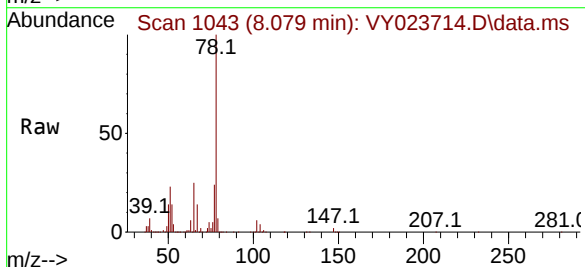
Acq: 10 Nov 2025 14:49

Tgt Ion: 78 Resp: 439422

Ion Ratio Lower Upper

78 100

77 24.1 18.3 27.5

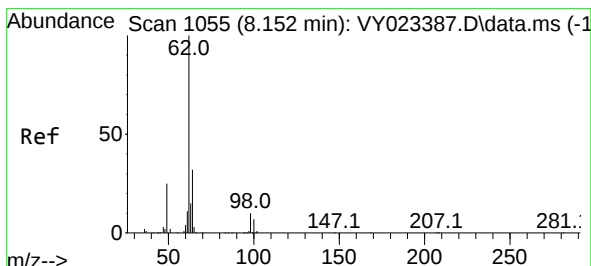
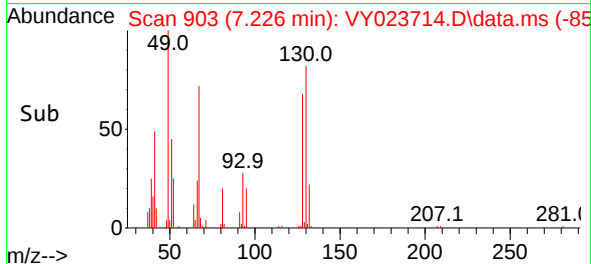
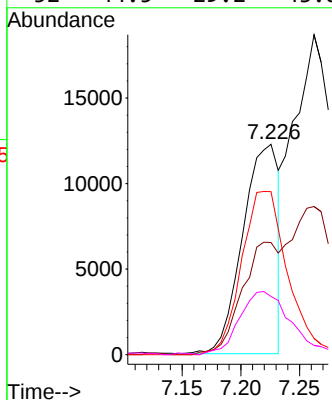
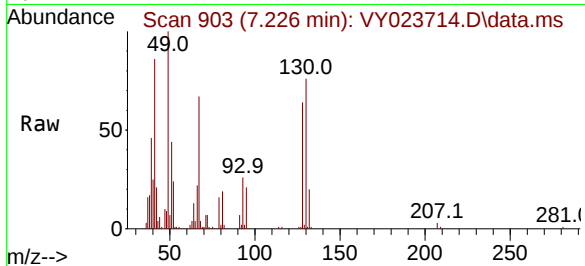




#41
Methacrylonitrile
Concen: 19.260 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

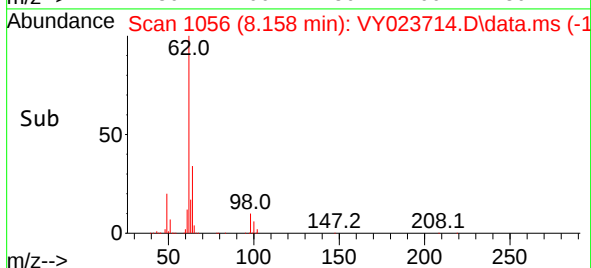
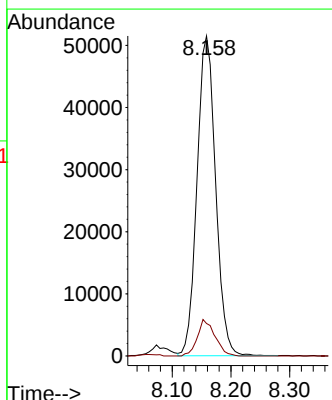
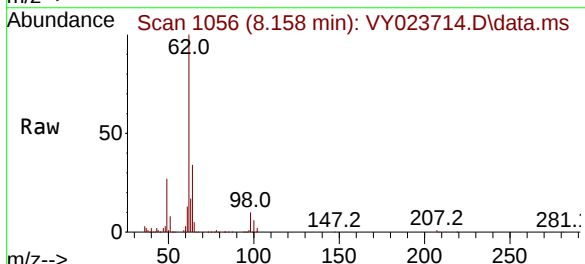
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

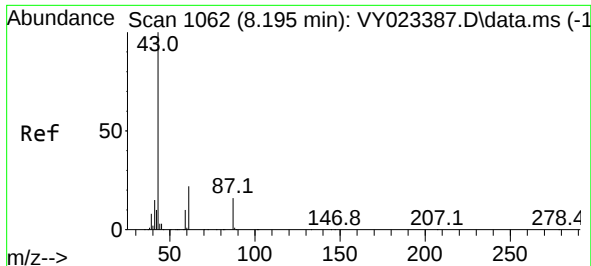
Tgt Ion:	41	Resp:	26017
Ion	Ratio	Lower	Upper
41	100		
39	54.8	52.2	78.4
67	99.8	74.9	112.3
52	44.5	29.2	43.8



#42
1,2-Dichloroethane
Concen: 21.945 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion:	62	Resp:	112997
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.6

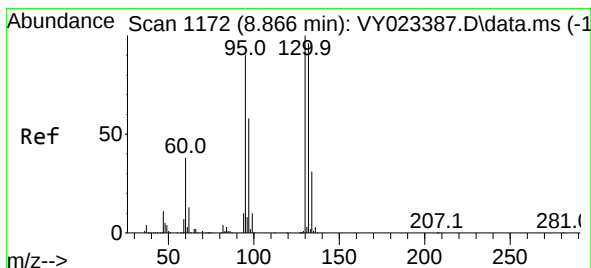
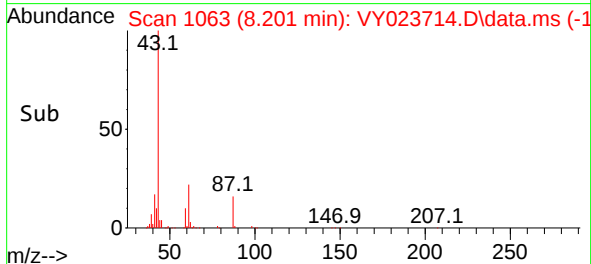
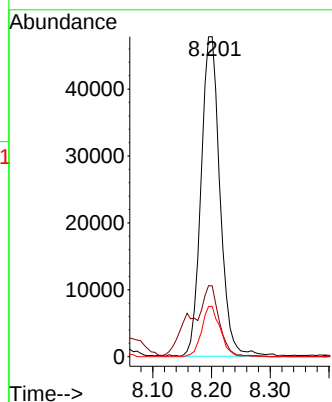
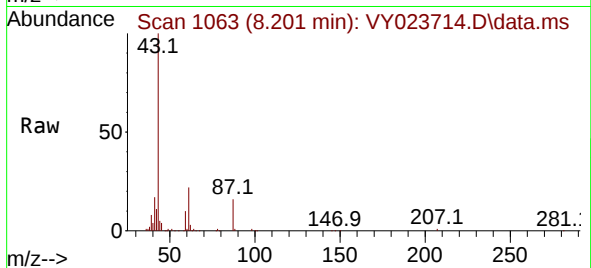




#43
Isopropyl Acetate
Concen: 21.518 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

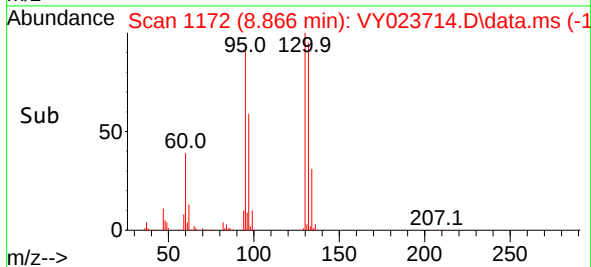
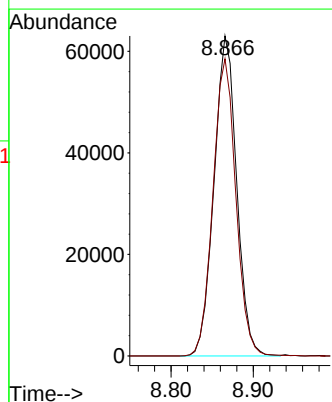
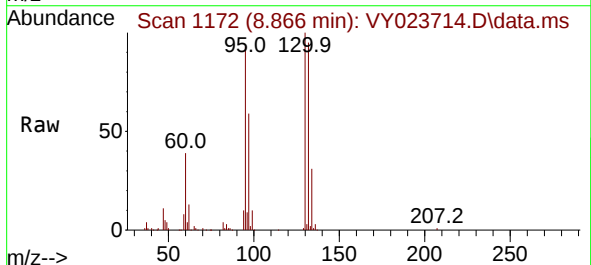
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

Tgt Ion: 43 Resp: 107167
Ion Ratio Lower Upper
43 100
61 20.1 18.1 27.1
87 15.5 13.5 20.3



#44
Trichloroethene
Concen: 20.635 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion:130 Resp: 120585
Ion Ratio Lower Upper
130 100
95 92.8 0.0 180.6





#45

1,2-Dichloropropane

Concen: 22.347 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

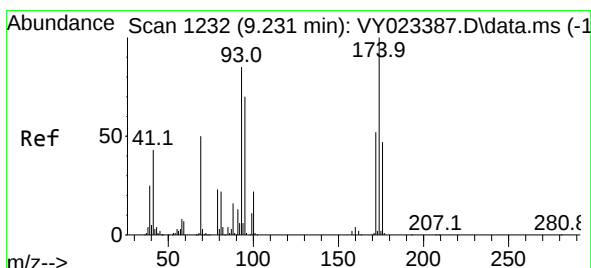
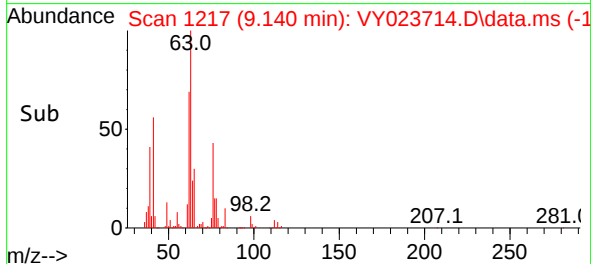
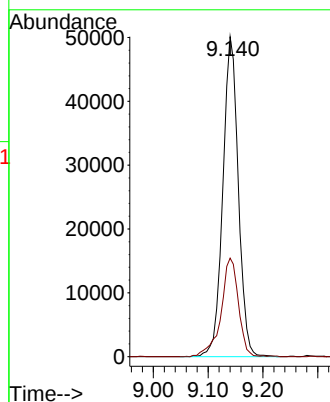
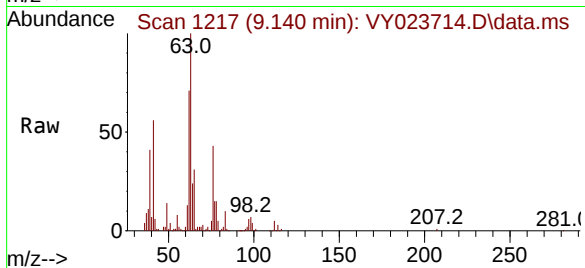
VY1110SBS01

Tgt Ion: 63 Resp: 98547

Ion Ratio Lower Upper

63 100

65 30.8 24.9 37.3



#46

Dibromomethane

Concen: 21.726 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

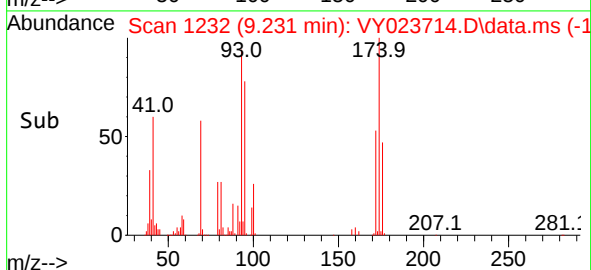
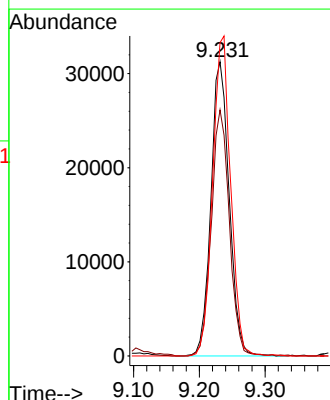
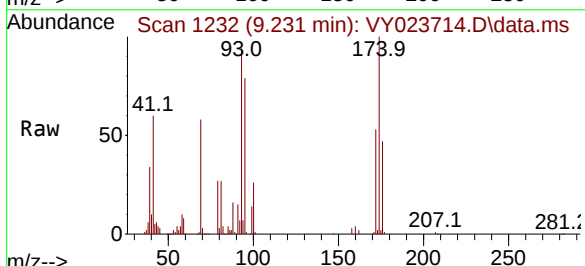
Tgt Ion: 93 Resp: 60582

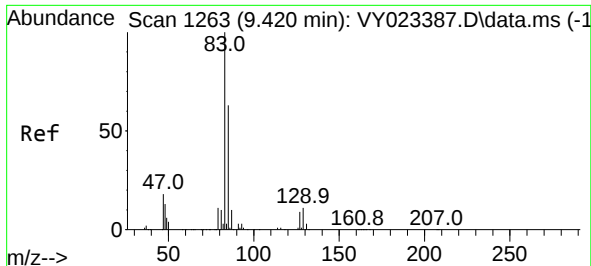
Ion Ratio Lower Upper

93 100

95 82.7 65.4 98.0

174 106.7 92.9 139.3

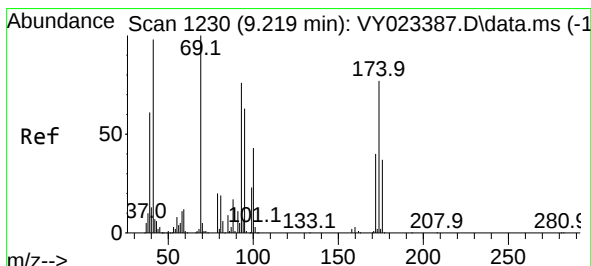
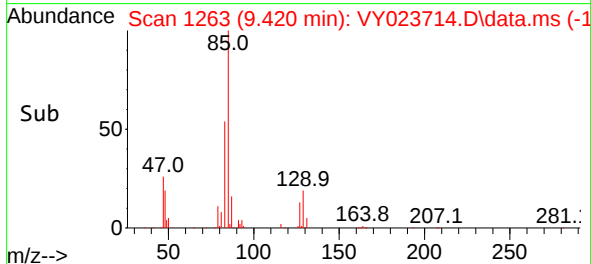
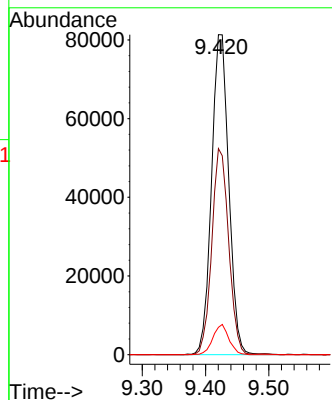
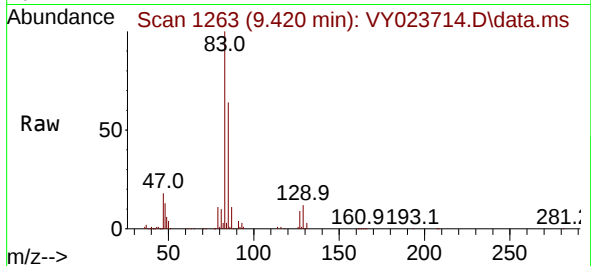




#47
Bromodichloromethane
Concen: 21.885 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

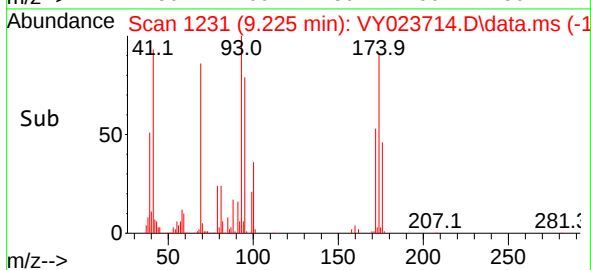
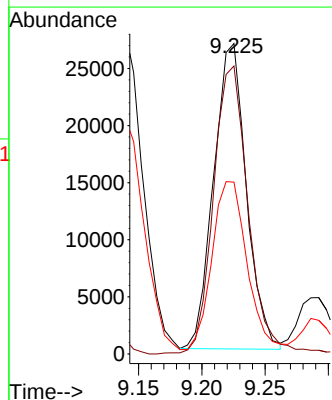
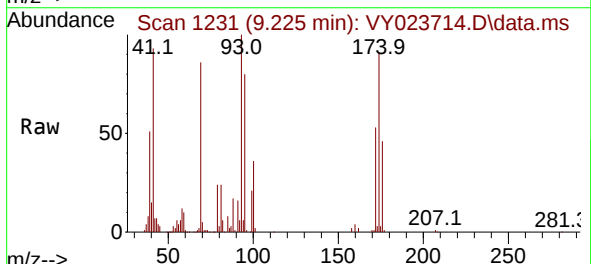
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

Tgt Ion: 83 Resp: 153698
Ion Ratio Lower Upper
83 100
85 64.4 50.8 76.2
127 8.5 7.4 11.2



#48
Methyl methacrylate
Concen: 20.548 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion: 41 Resp: 48075
Ion Ratio Lower Upper
41 100
69 100.3 81.0 121.4
39 59.2 48.2 72.4

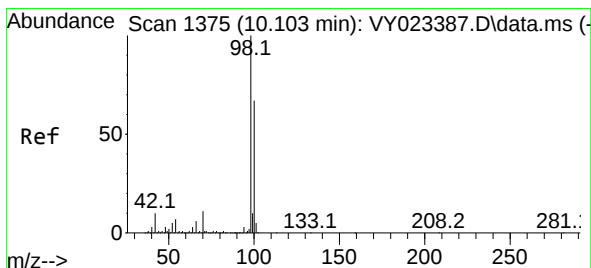
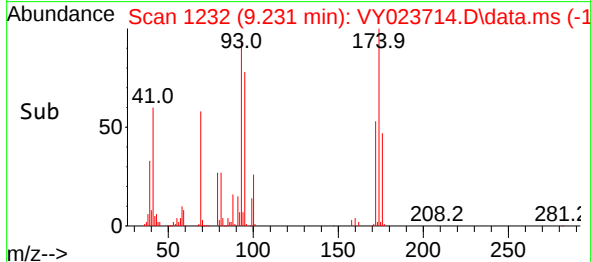
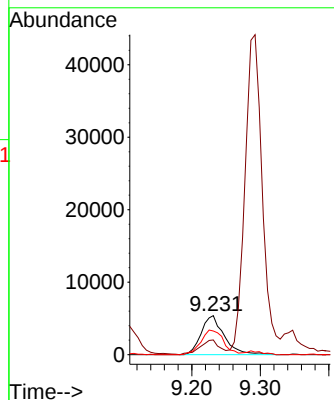
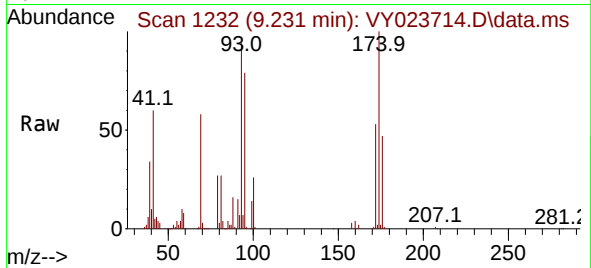




#49
1,4-Dioxane
Concen: 389.849 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

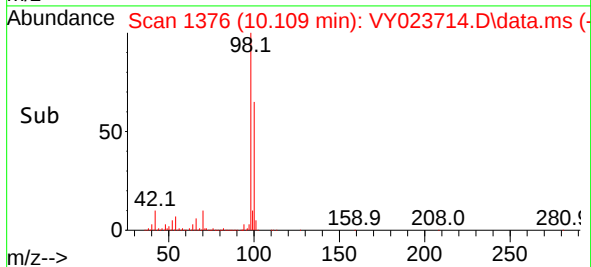
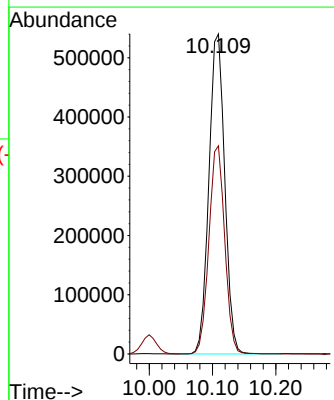
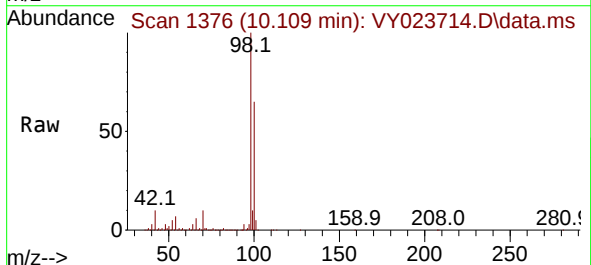
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

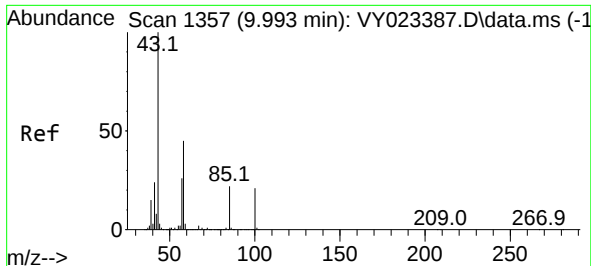
Tgt Ion: 88 Resp: 12604
Ion Ratio Lower Upper
88 100
43 31.4 21.8 32.8
58 62.3 46.8 70.2



#50
Toluene-d8
Concen: 53.138 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion: 98 Resp: 942354
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 109.330 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

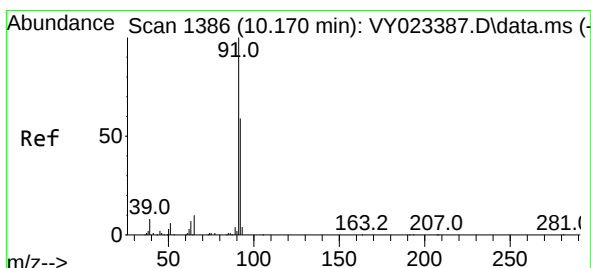
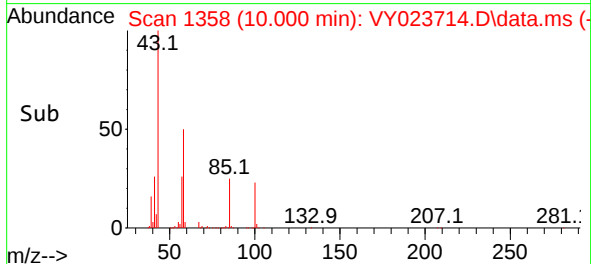
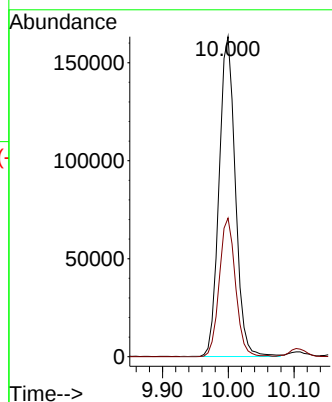
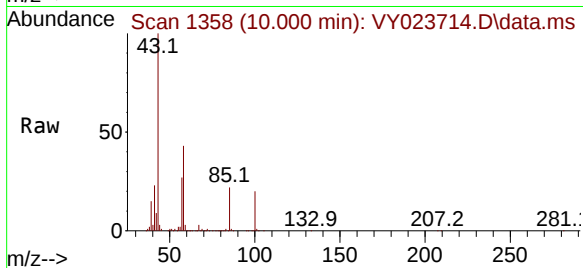
VY1110SBS01

Tgt Ion: 43 Resp: 281321

Ion Ratio Lower Upper

43 100

58 43.3 35.3 52.9



#52

Toluene

Concen: 21.428 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023714.D

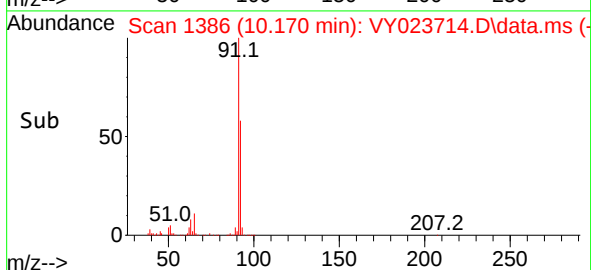
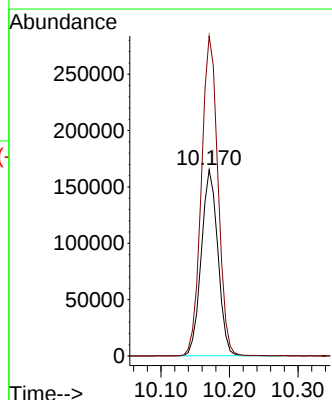
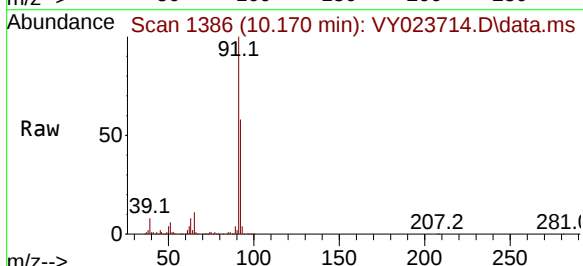
Acq: 10 Nov 2025 14:49

Tgt Ion: 92 Resp: 277772

Ion Ratio Lower Upper

92 100

91 172.8 136.4 204.6

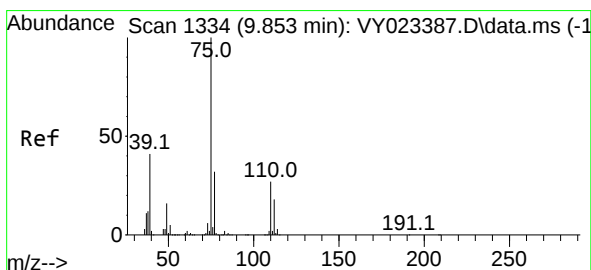
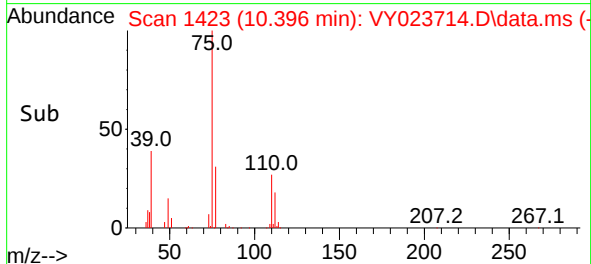
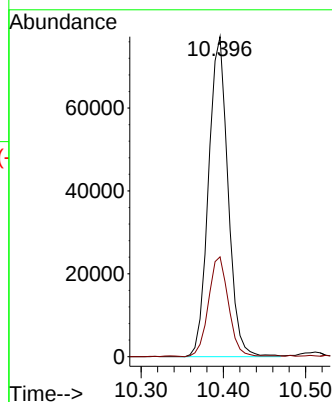
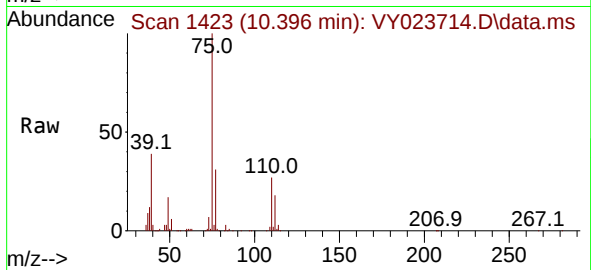




#53
t-1,3-Dichloropropene
Concen: 20.817 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

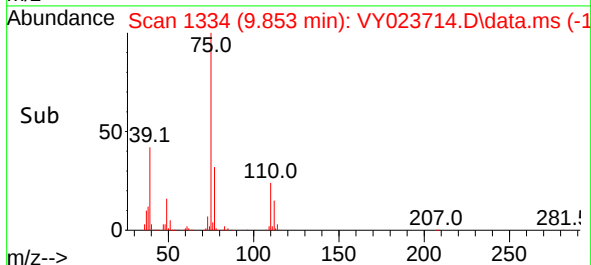
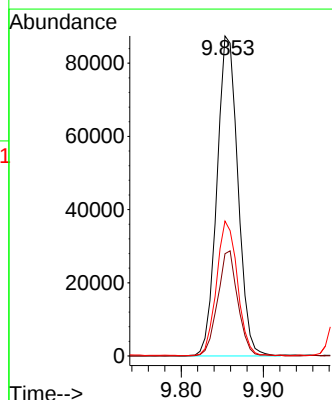
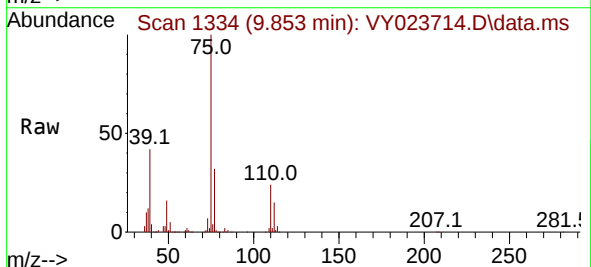
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

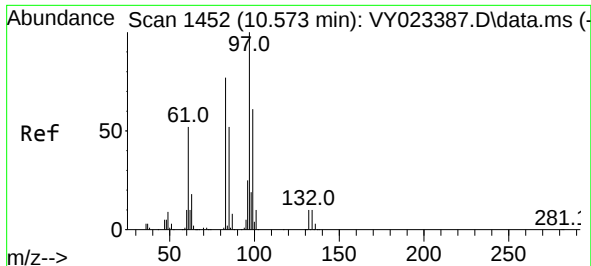
Tgt Ion: 75 Resp: 127119
Ion Ratio Lower Upper
75 100
77 31.1 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 21.508 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion: 75 Resp: 155012
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
39 42.1 32.8 49.2

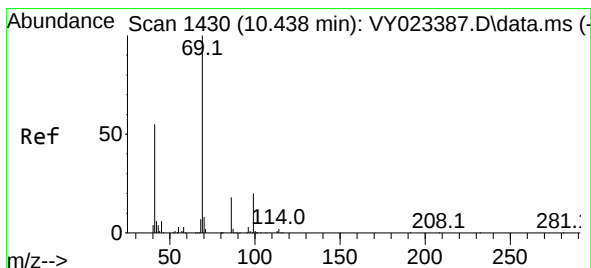
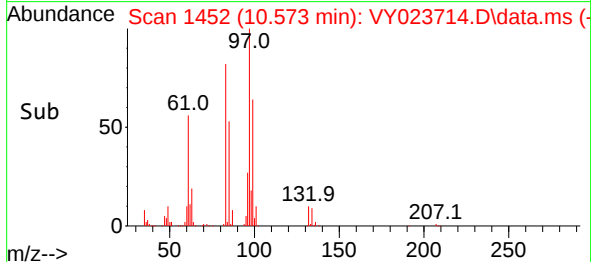
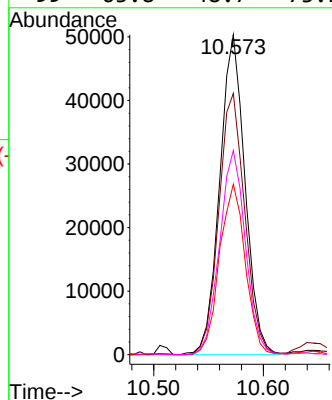
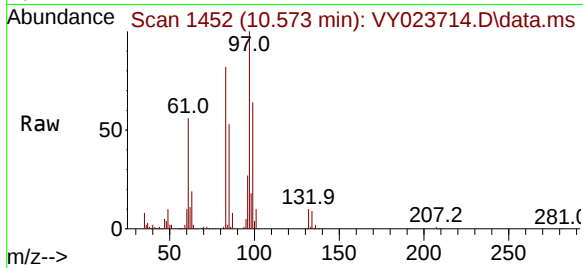




#55
1,1,2-Trichloroethane
Concen: 21.551 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

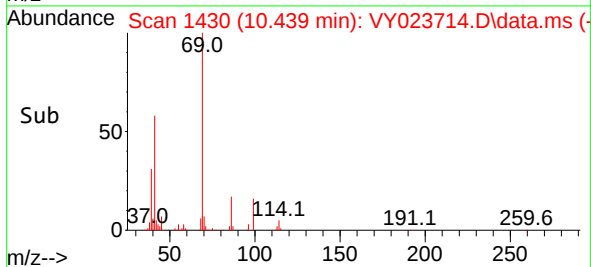
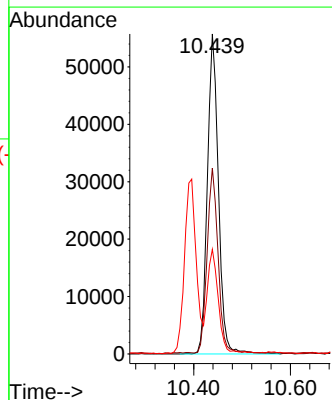
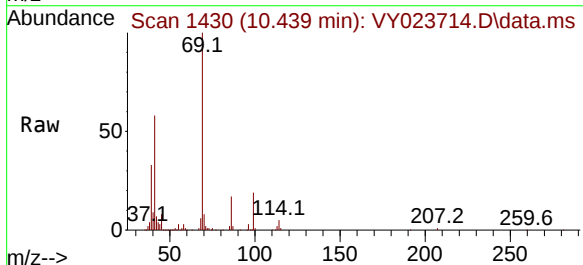
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

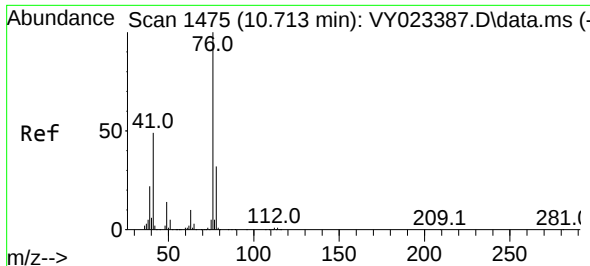
Tgt Ion: 97	Resp: 80811
Ion Ratio	Lower Upper
97 100	
83 81.6	61.8 92.6
85 53.3	41.3 61.9
99 63.8	48.7 73.1



#56
Ethyl methacrylate
Concen: 20.433 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion: 69	Resp: 88381
Ion Ratio	Lower Upper
69 100	
41 57.2	44.6 67.0
39 31.5	27.0 40.4





#57

1,3-Dichloropropane

Concen: 21.864 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

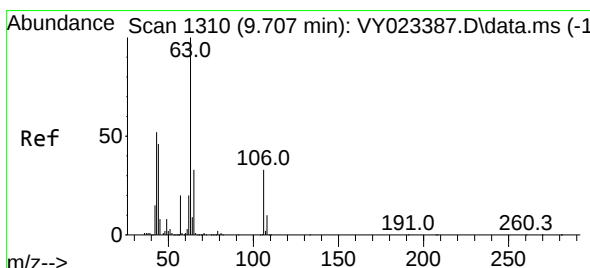
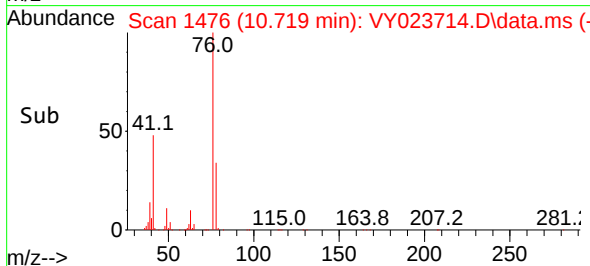
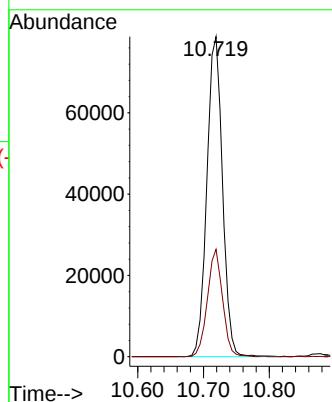
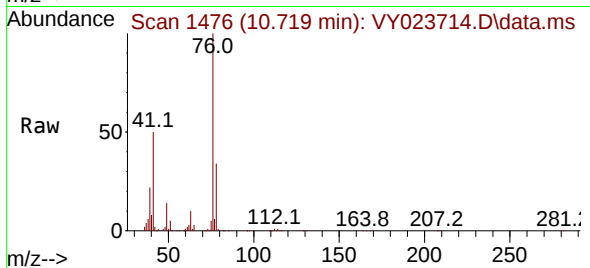
VY1110SBS01

Tgt Ion: 76 Resp: 129916

Ion Ratio Lower Upper

76 100

78 32.6 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 101.818 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023714.D

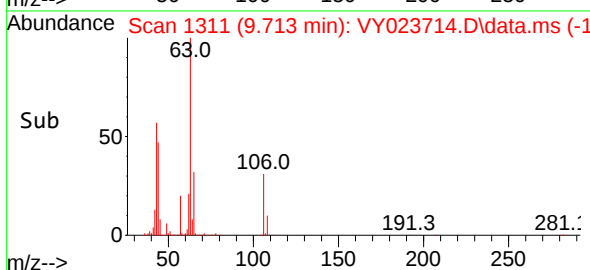
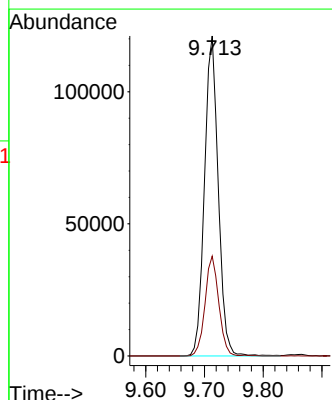
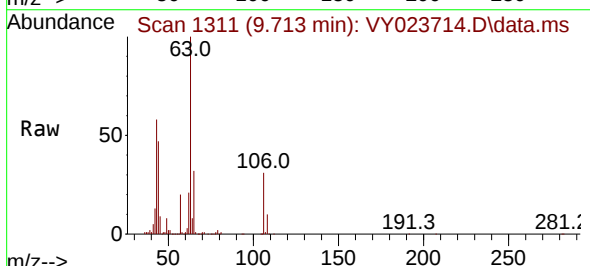
Acq: 10 Nov 2025 14:49

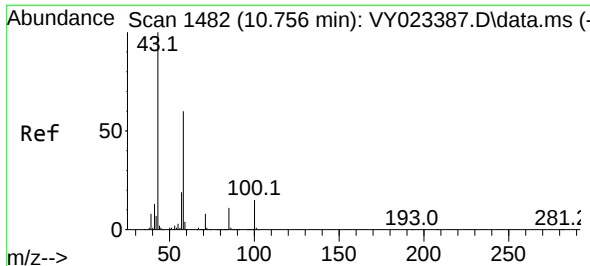
Tgt Ion: 63 Resp: 197292

Ion Ratio Lower Upper

63 100

106 31.0 26.6 39.8

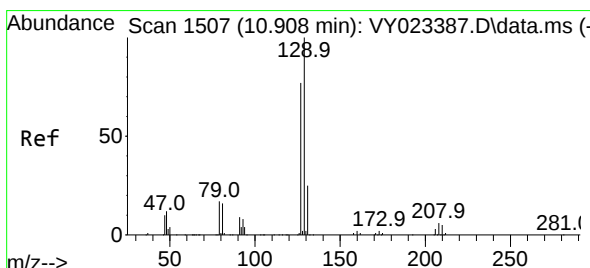
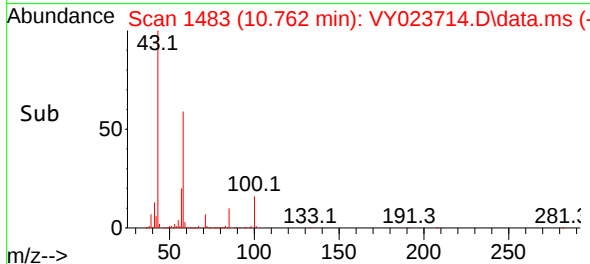
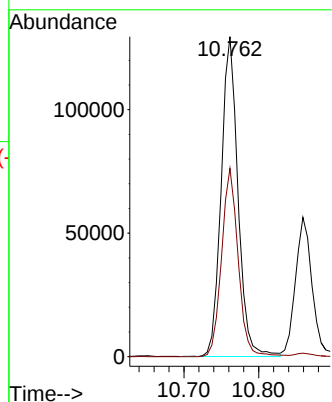
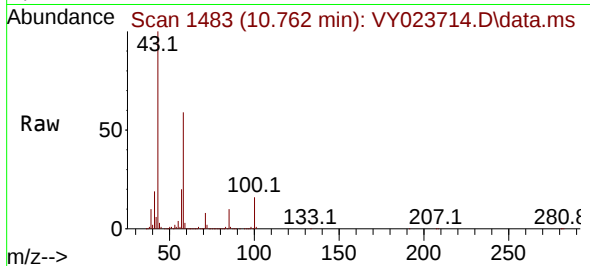




#59
2-Hexanone
Concen: 110.424 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

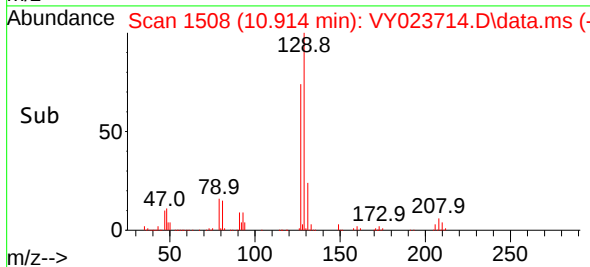
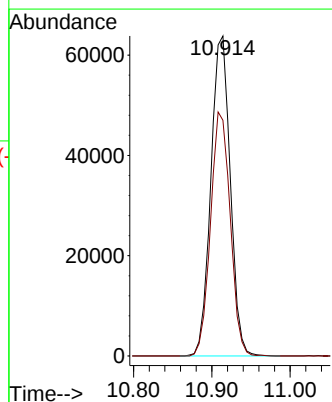
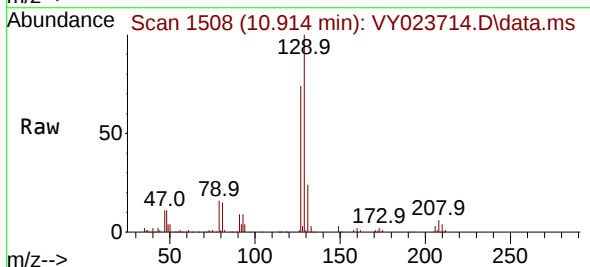
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

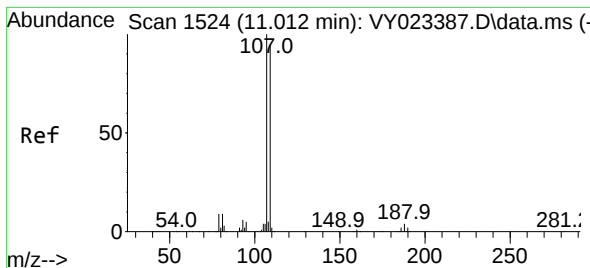
Tgt Ion: 43 Resp: 203056
Ion Ratio Lower Upper
43 100
58 58.2 30.5 91.5



#60
Dibromochloromethane
Concen: 20.865 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion:129 Resp: 109693
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7

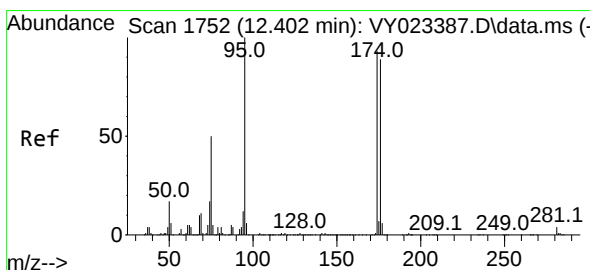
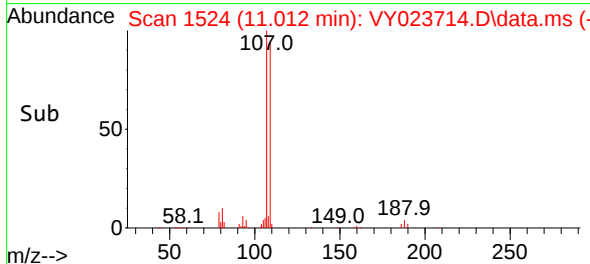
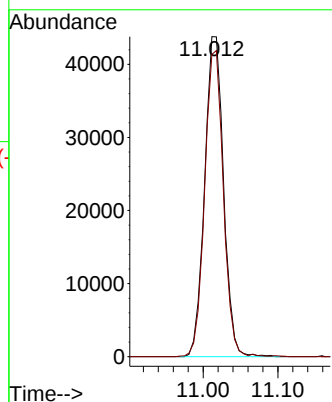
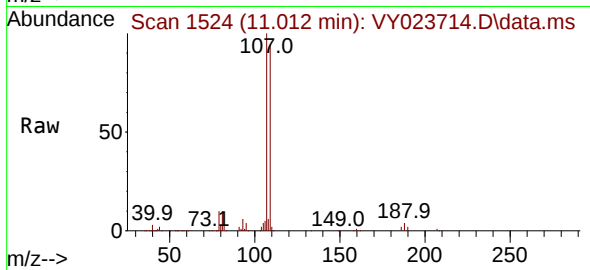




#61
1,2-Dibromoethane
Concen: 21.557 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

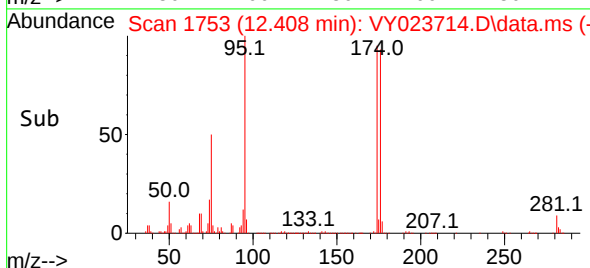
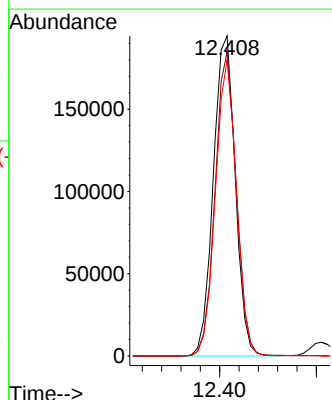
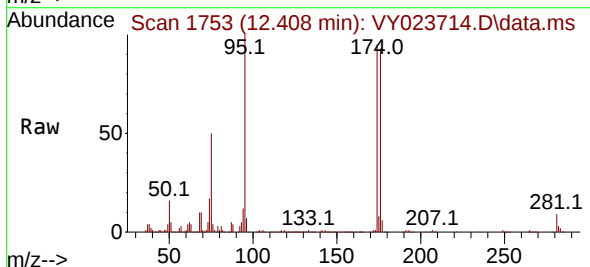
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

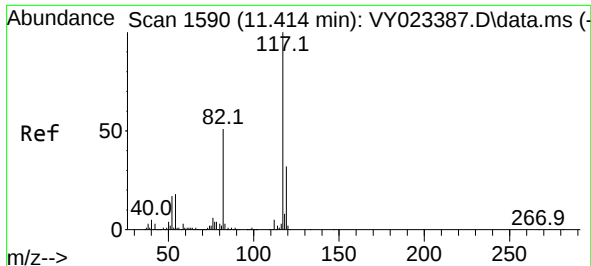
Tgt Ion:107 Resp: 77093
Ion Ratio Lower Upper
107 100
109 94.1 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 52.295 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion: 95 Resp: 306183
Ion Ratio Lower Upper
95 100
174 91.7 0.0 192.8
176 88.5 0.0 187.6

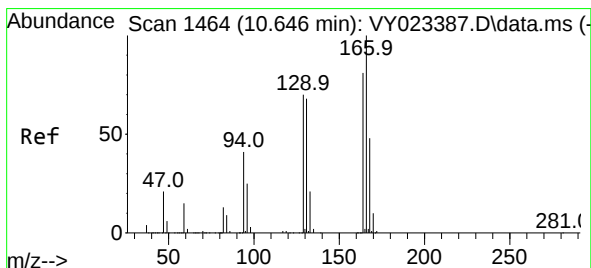
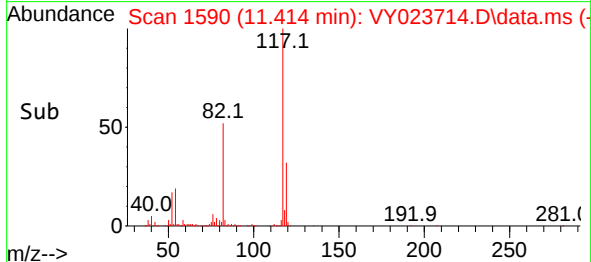
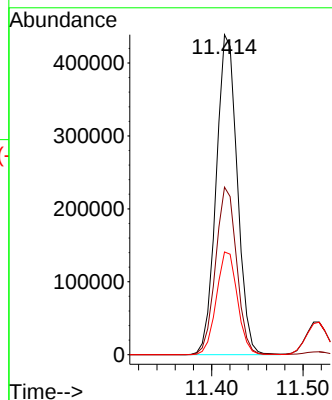
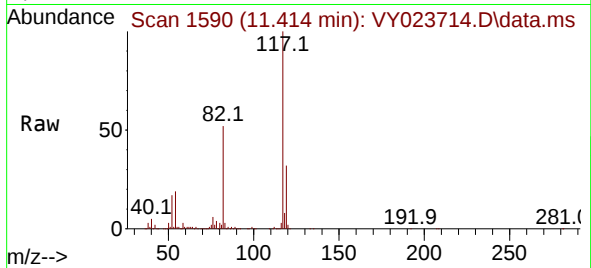




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

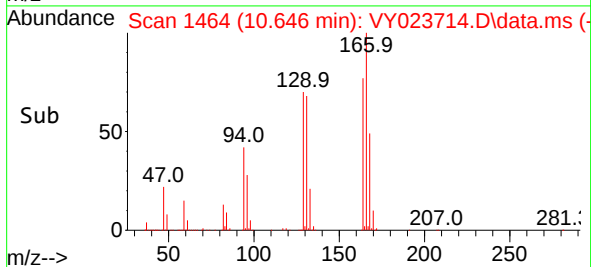
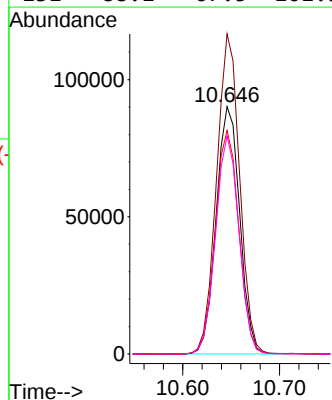
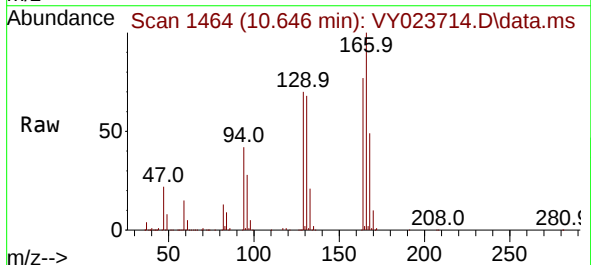
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

Tgt Ion:117 Resp: 703588
Ion Ratio Lower Upper
117 100
82 52.3 41.0 61.4
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 20.991 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion:164 Resp: 152493
Ion Ratio Lower Upper
164 100
166 129.4 99.4 149.0
129 90.4 69.4 104.2
131 88.1 67.5 101.3

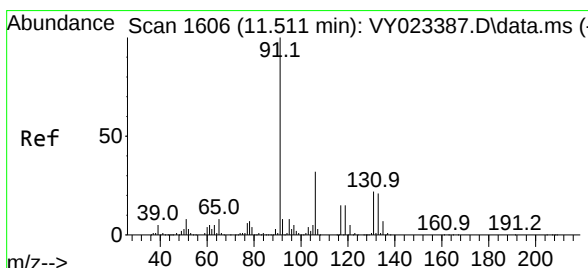
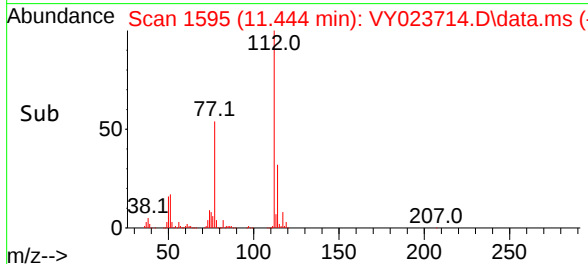
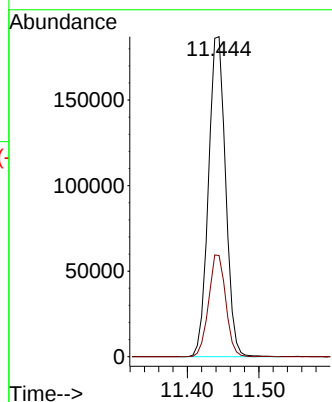
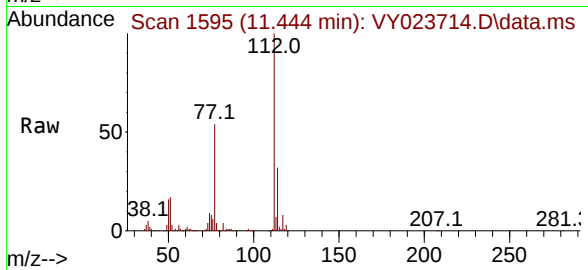




#65
Chlorobenzene
Concen: 20.328 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

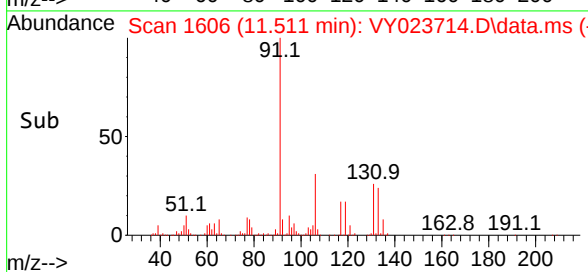
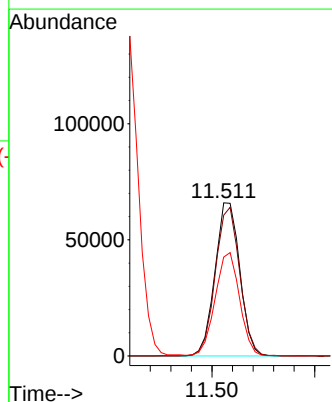
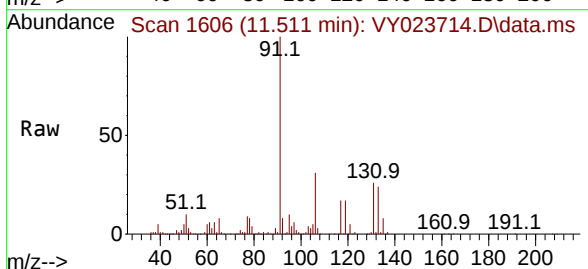
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

Tgt Ion:112 Resp: 311071
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.276 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion:131 Resp: 110567
Ion Ratio Lower Upper
131 100
133 95.6 48.4 145.2
119 66.7 32.4 97.2





#67

Ethyl Benzene

Concen: 20.028 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

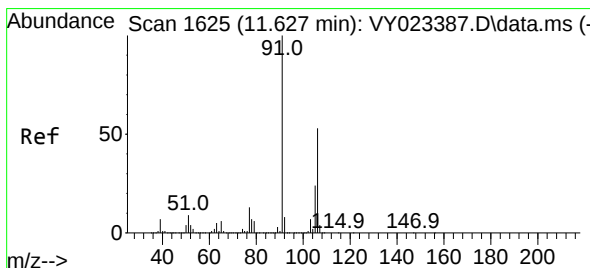
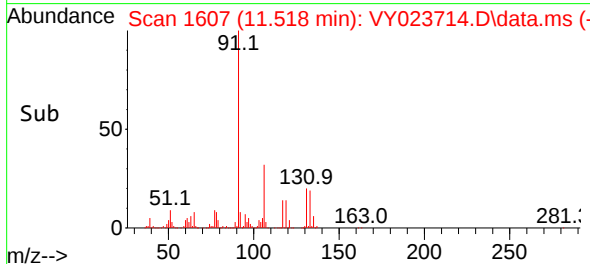
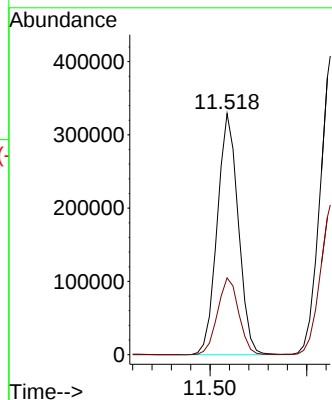
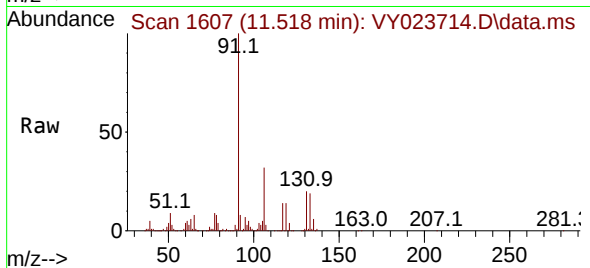
VY1110SBS01

Tgt Ion: 91 Resp: 496106

Ion Ratio Lower Upper

91 100

106 31.9 25.8 38.8



#68

m/p-Xylenes

Concen: 40.410 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY023714.D

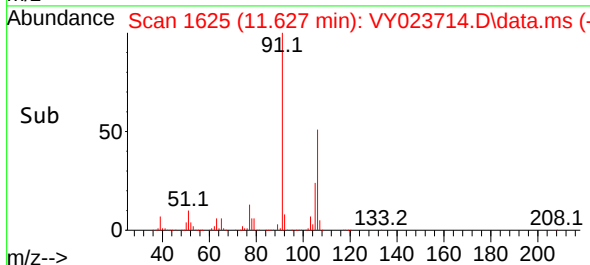
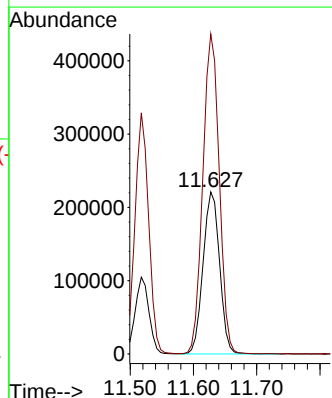
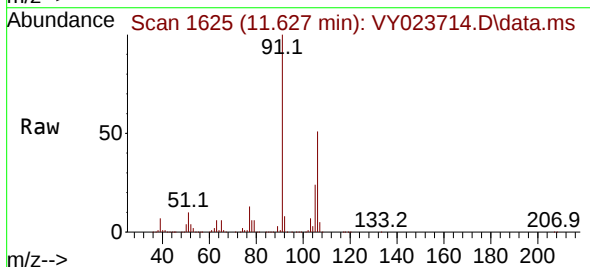
Acq: 10 Nov 2025 14:49

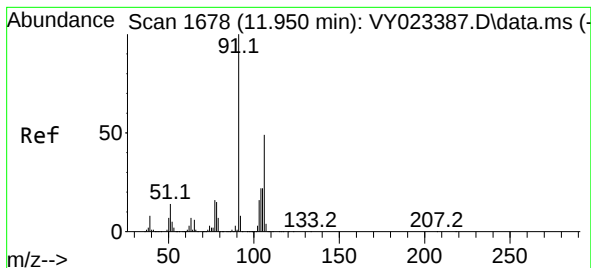
Tgt Ion: 106 Resp: 401483

Ion Ratio Lower Upper

106 100

91 196.5 152.6 229.0





#69

o-Xylene

Concen: 19.663 ug/l

RT: 11.957 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

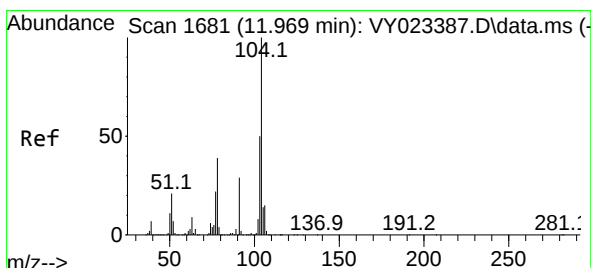
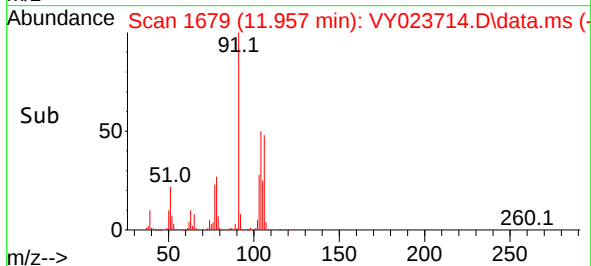
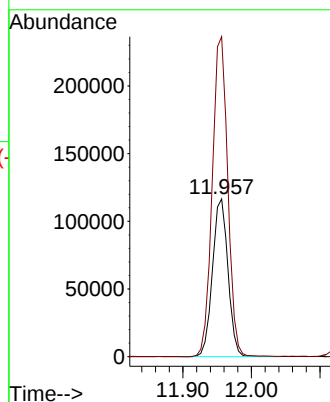
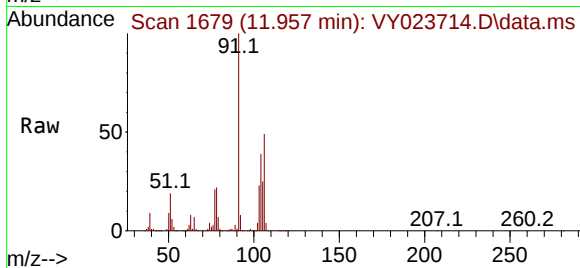
VY1110SBS01

Tgt Ion:106 Resp: 183237

Ion Ratio Lower Upper

106 100

91 203.5 101.4 304.1



#70

Styrene

Concen: 19.957 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

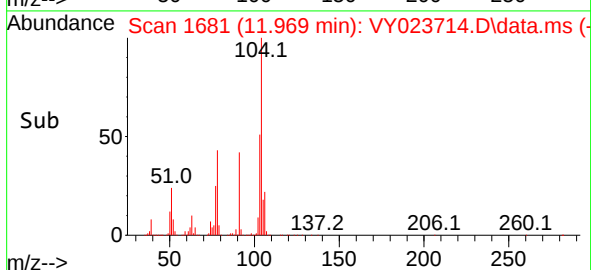
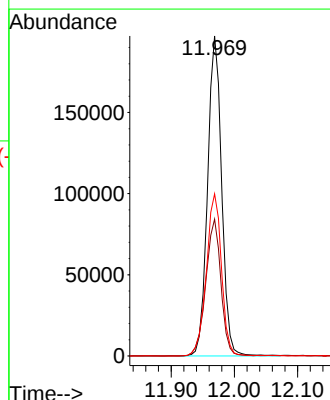
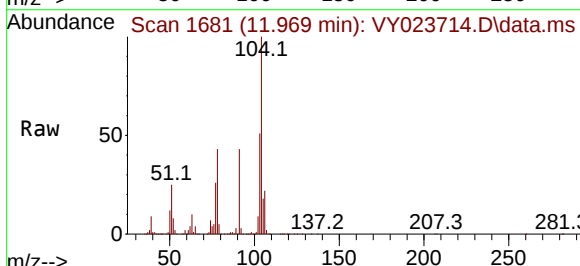
Tgt Ion:104 Resp: 305833

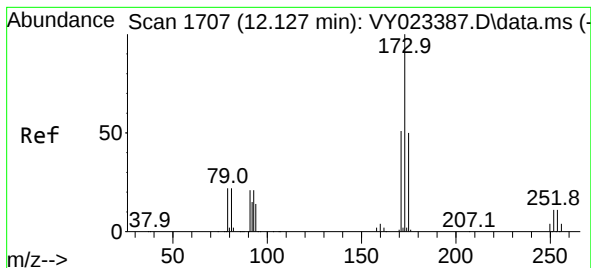
Ion Ratio Lower Upper

104 100

78 46.1 36.1 54.1

103 54.5 43.2 64.8





#71

Bromoform

Concen: 19.741 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

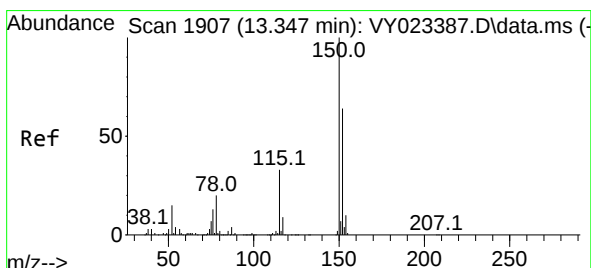
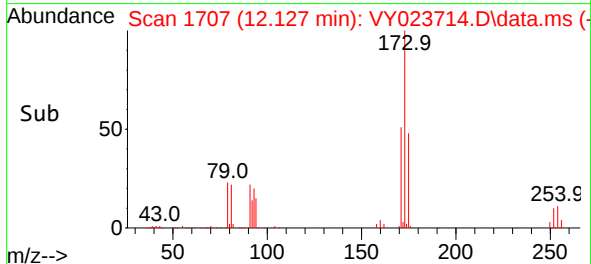
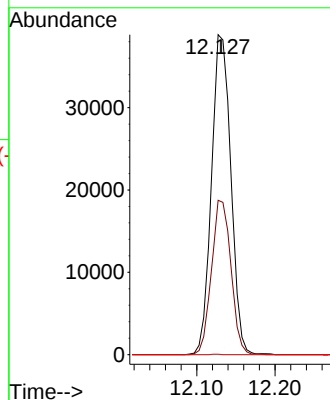
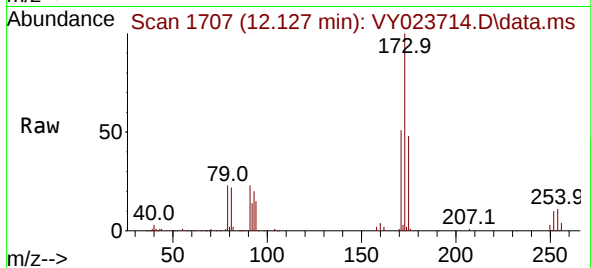
Tgt Ion:173 Resp: 66776

Ion Ratio Lower Upper

173 100

175 48.4 24.8 74.3

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

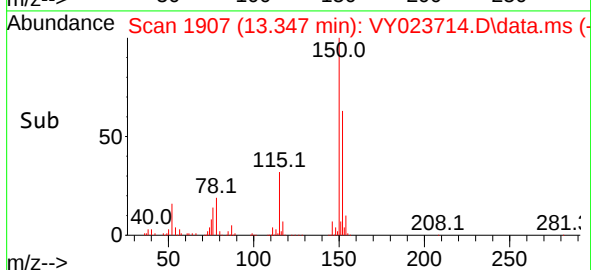
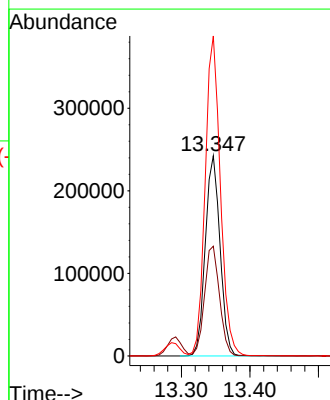
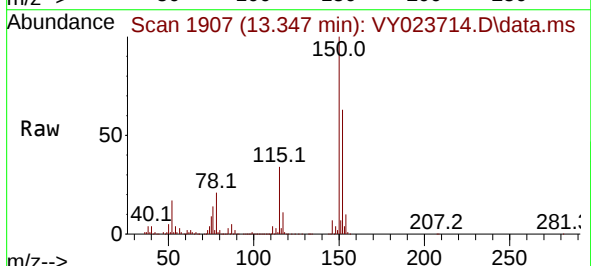
Tgt Ion:152 Resp: 362831

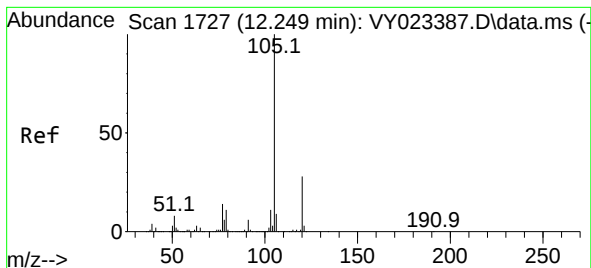
Ion Ratio Lower Upper

152 100

115 55.6 27.1 81.2

150 164.8 0.0 347.4





#73

Isopropylbenzene

Concen: 19.803 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

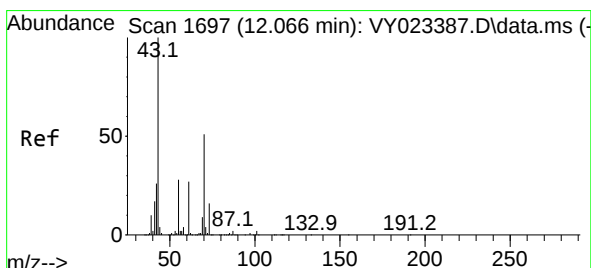
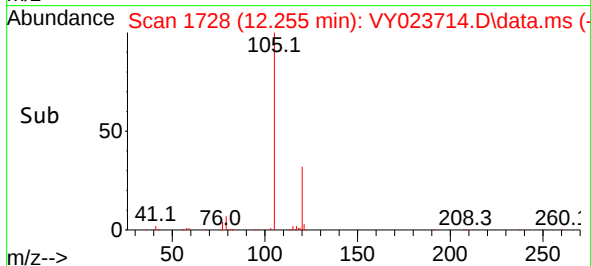
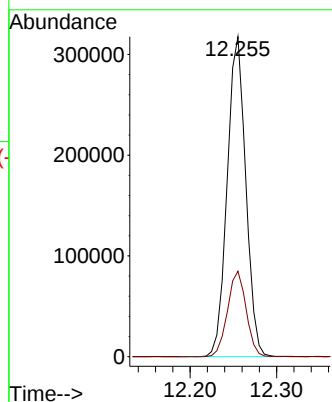
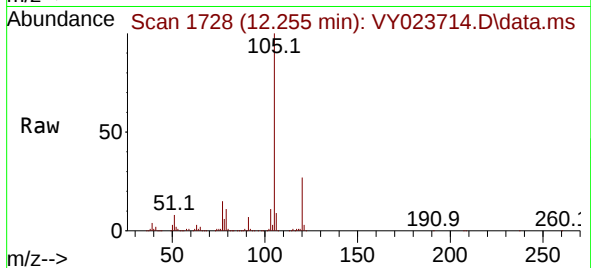
VY1110SBS01

Tgt Ion:105 Resp: 473505

Ion Ratio Lower Upper

105 100

120 26.8 13.9 41.7



#74

N-ethyl acetate

Concen: 20.007 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

Tgt Ion: 43 Resp: 85926

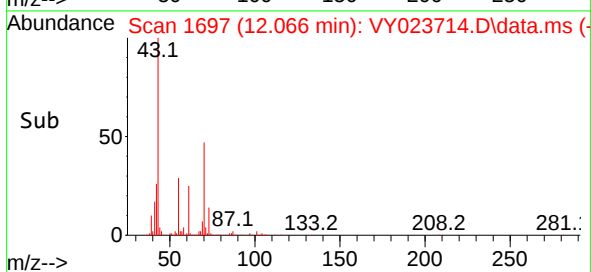
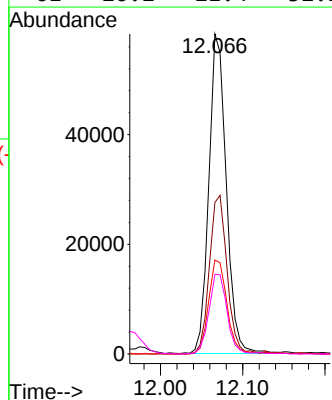
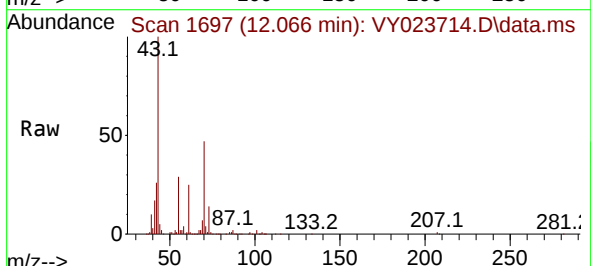
Ion Ratio Lower Upper

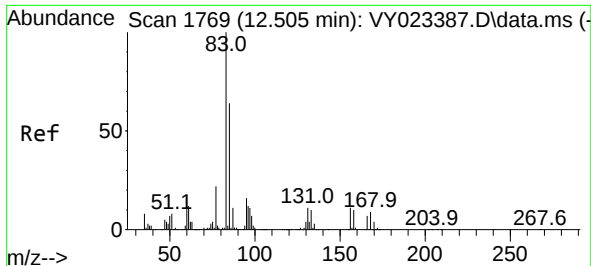
43 100

70 50.8 41.1 61.7

55 30.9 23.0 34.6

61 26.2 21.4 32.2

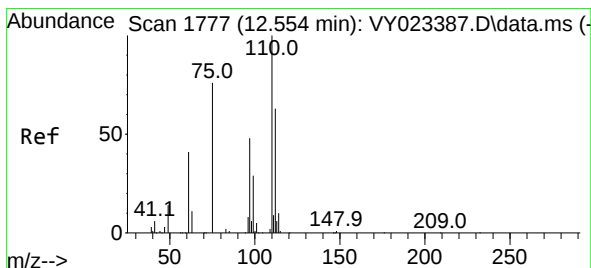
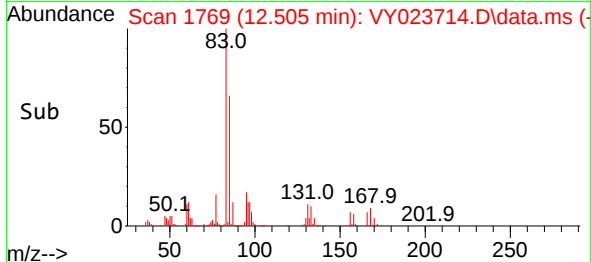
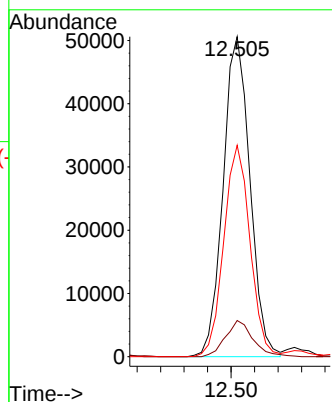
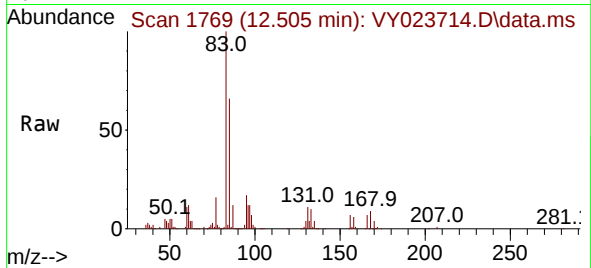




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.504 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY023714.D
 Acq: 10 Nov 2025 14:49

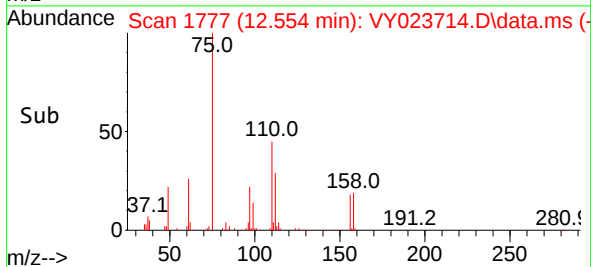
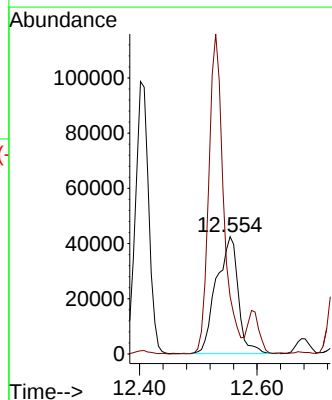
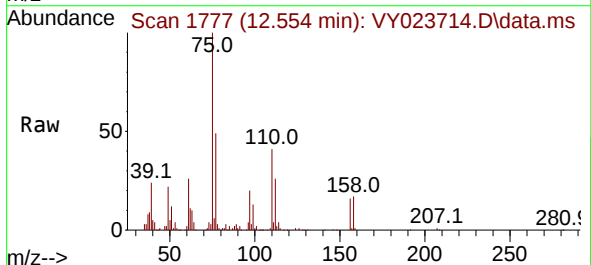
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBS01

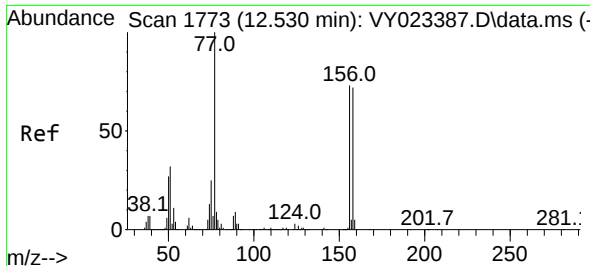
Tgt Ion: 83 Resp: 80188
 Ion Ratio Lower Upper
 83 100
 131 11.6 5.9 17.6
 85 64.6 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 34.282 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY023714.D
 Acq: 10 Nov 2025 14:49

Tgt Ion: 75 Resp: 109743
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

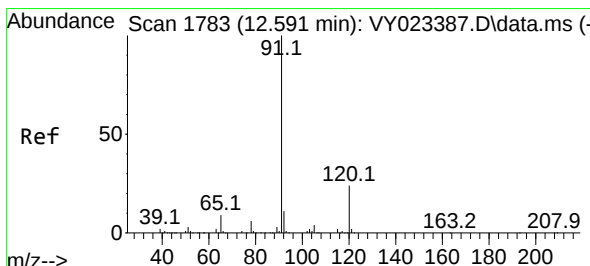
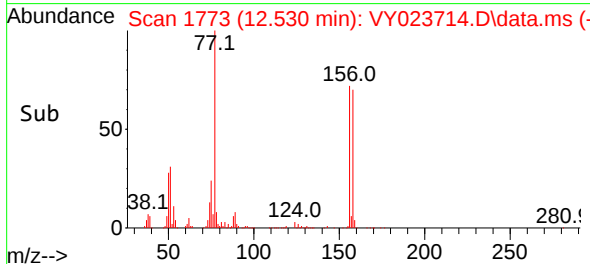
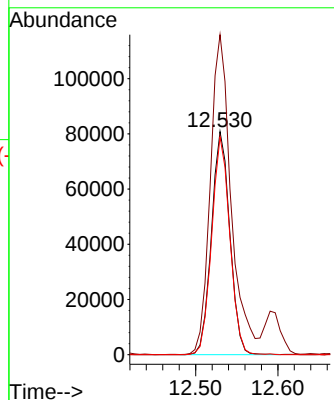
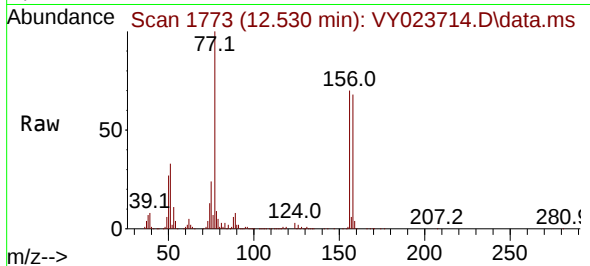




#77
Bromobenzene
Concen: 19.764 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

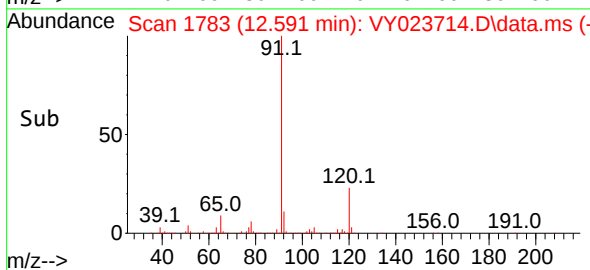
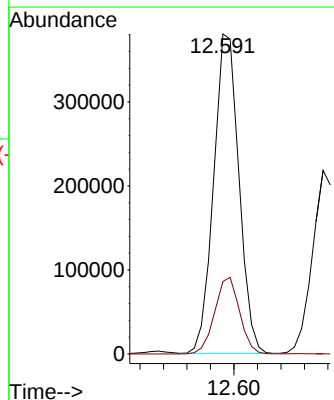
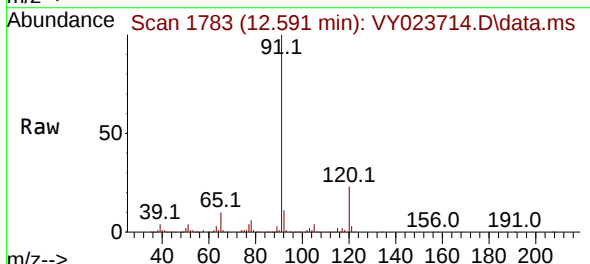
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

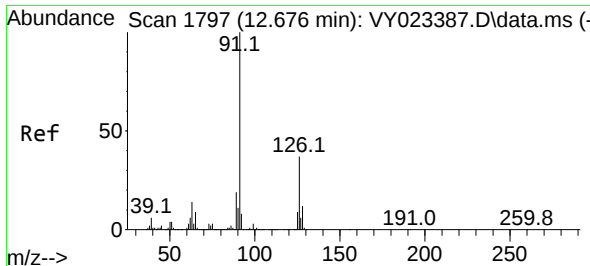
Tgt Ion:156 Resp: 125634
Ion Ratio Lower Upper
156 100
77 161.7 76.8 230.5
158 96.5 49.0 147.2



#78
n-propylbenzene
Concen: 20.507 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion: 91 Resp: 567442
Ion Ratio Lower Upper
91 100
120 23.6 12.3 36.8

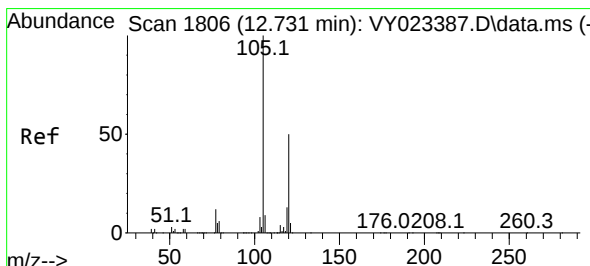
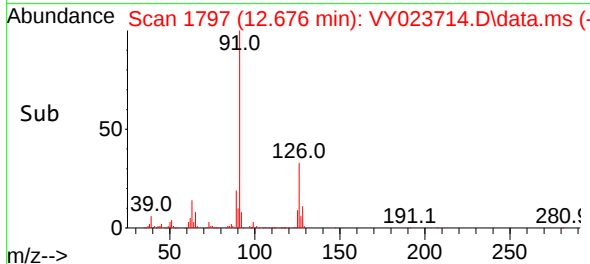
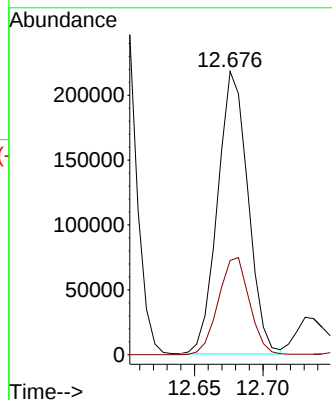
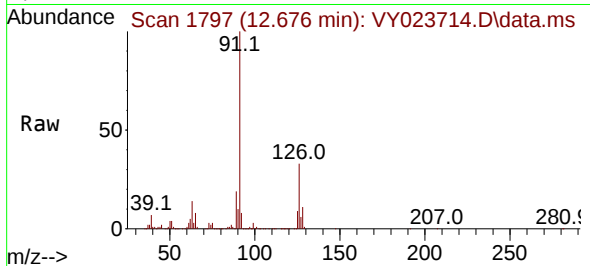




#79
2-Chlorotoluene
Concen: 20.814 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

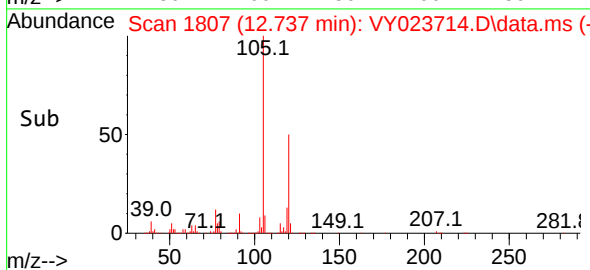
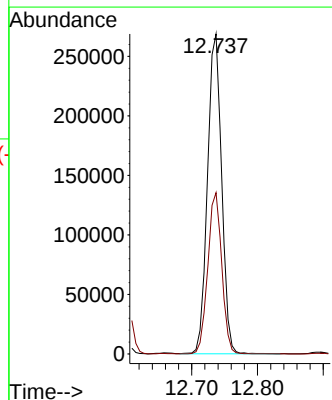
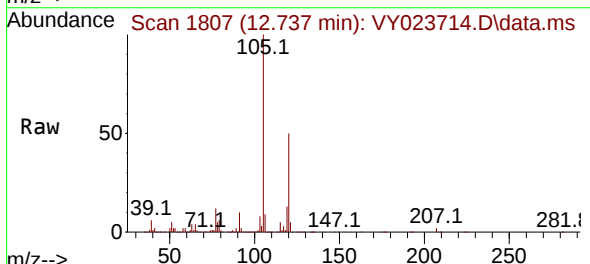
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

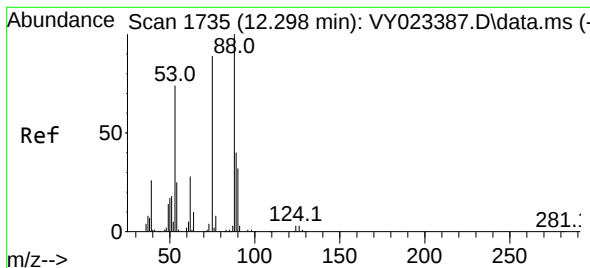
Tgt Ion: 91 Resp: 337258
Ion Ratio Lower Upper
91 100
126 35.1 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 20.784 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion: 105 Resp: 401592
Ion Ratio Lower Upper
105 100
120 49.8 25.4 76.4

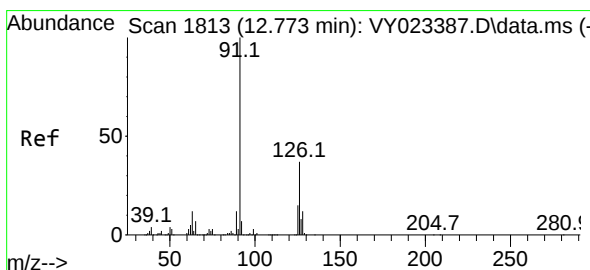
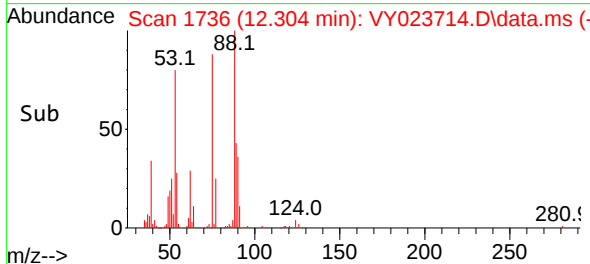
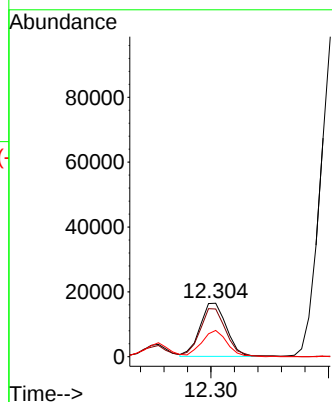
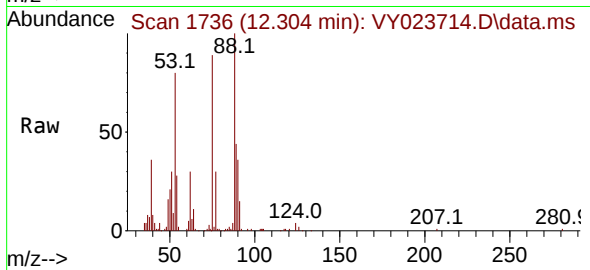




#81
trans-1,4-Dichloro-2-butene
Concen: 19.612 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

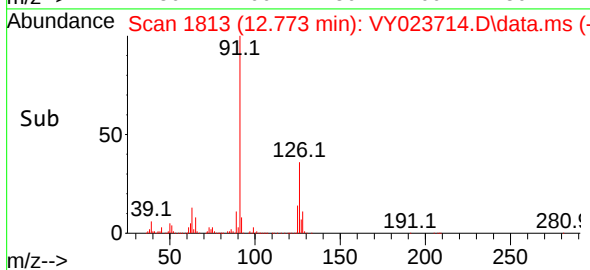
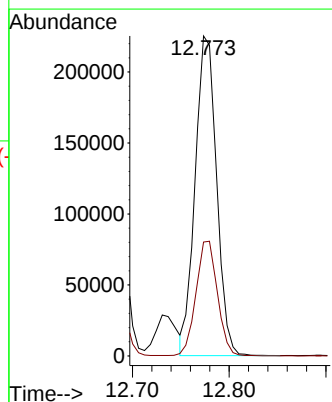
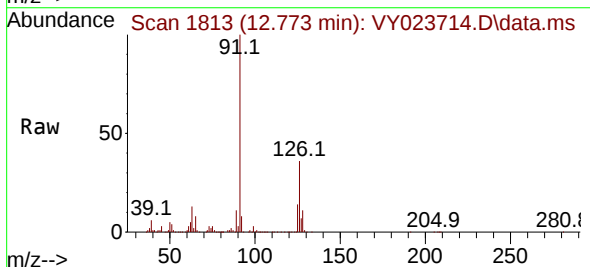
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

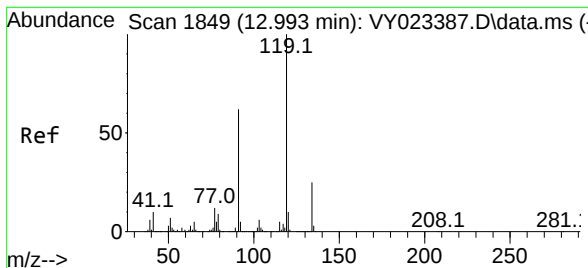
Tgt Ion: 75 Resp: 25602
Ion Ratio Lower Upper
75 100
53 90.5 68.6 102.8
89 46.8 39.0 58.4



#82
4-Chlorotoluene
Concen: 20.829 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion: 91 Resp: 347583
Ion Ratio Lower Upper
91 100
126 36.1 18.4 55.4

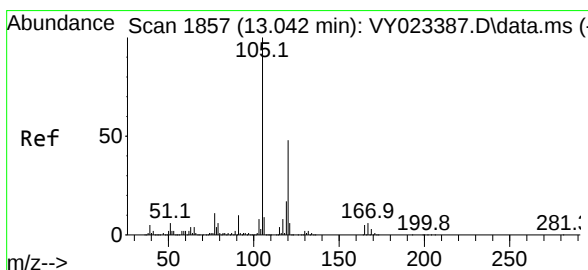
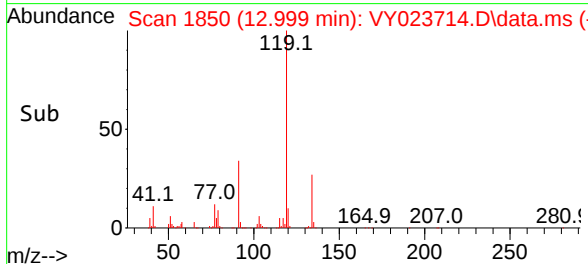
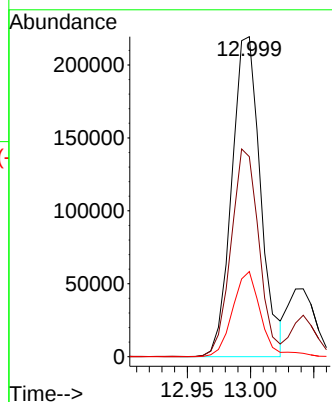
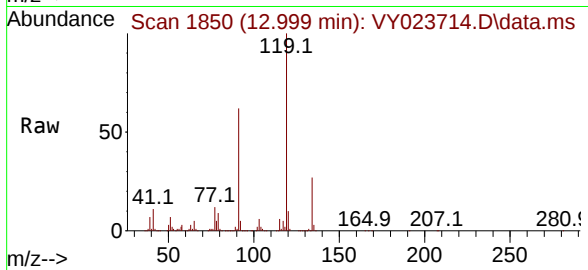




#83
tert-Butylbenzene
Concen: 19.445 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

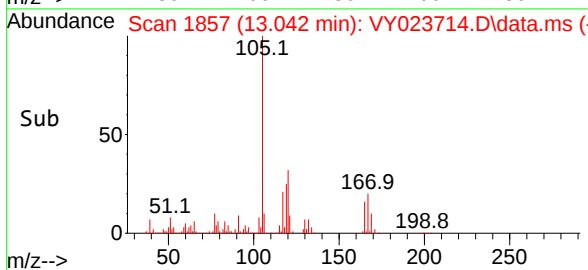
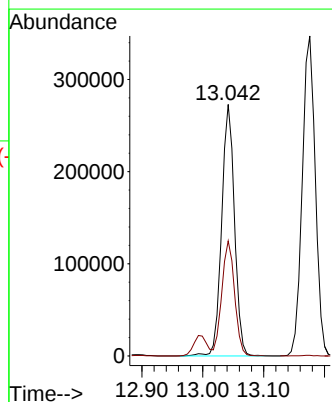
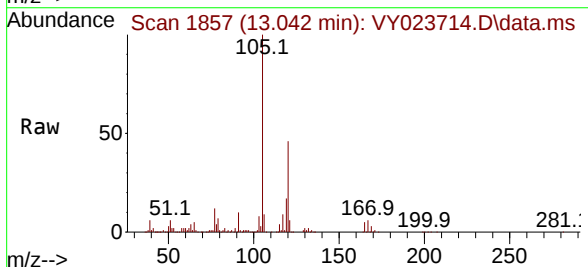
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

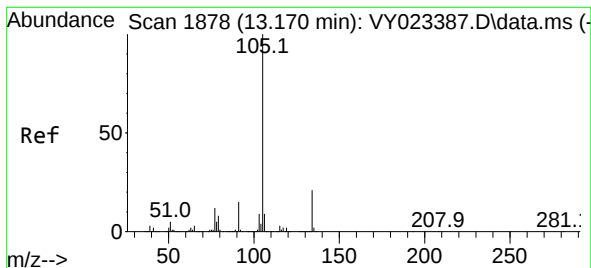
Tgt Ion:119 Resp: 346894
Ion Ratio Lower Upper
119 100
91 62.8 29.9 89.8
134 26.2 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 20.744 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion:105 Resp: 400015
Ion Ratio Lower Upper
105 100
120 45.3 23.8 71.2





#85

sec-Butylbenzene

Concen: 20.153 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

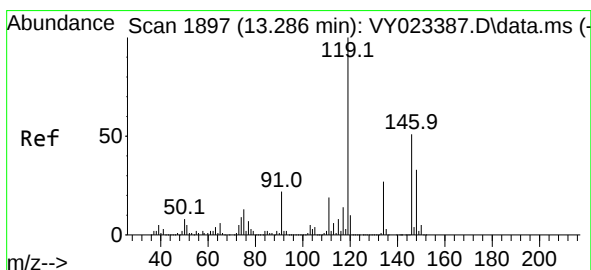
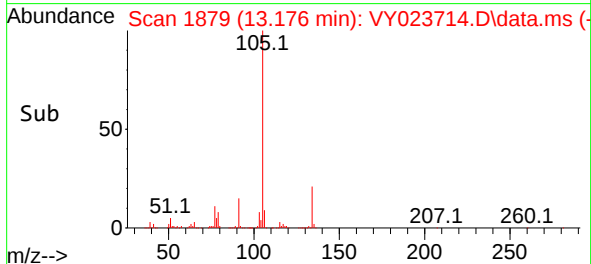
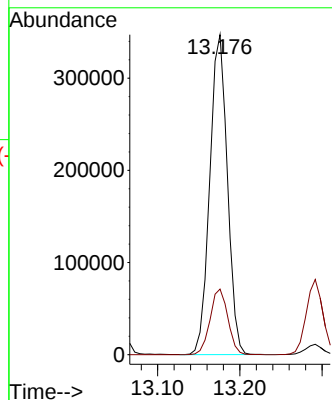
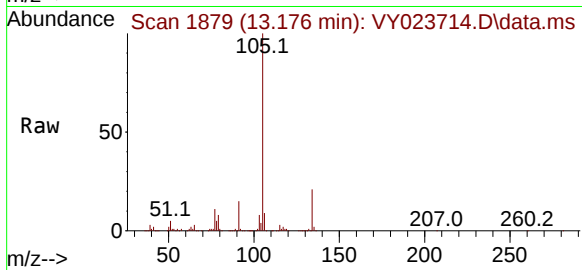
VY1110SBS01

Tgt Ion:105 Resp: 515744

Ion Ratio Lower Upper

105 100

134 20.8 10.7 32.1



#86

p-Isopropyltoluene

Concen: 19.796 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

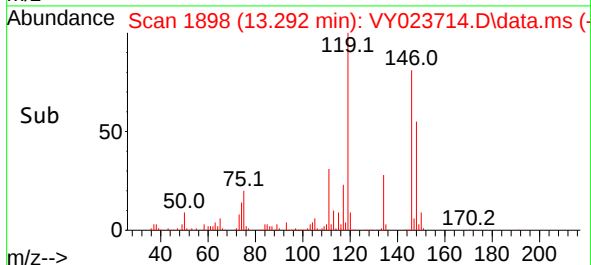
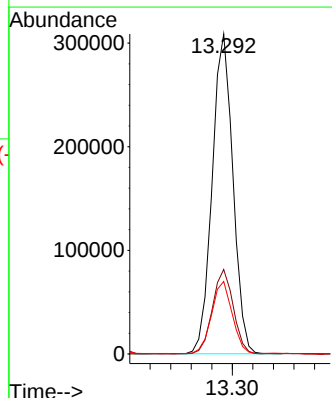
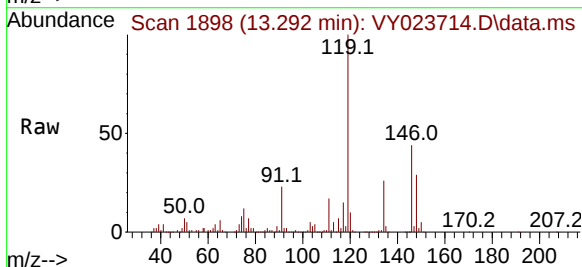
Tgt Ion:119 Resp: 431325

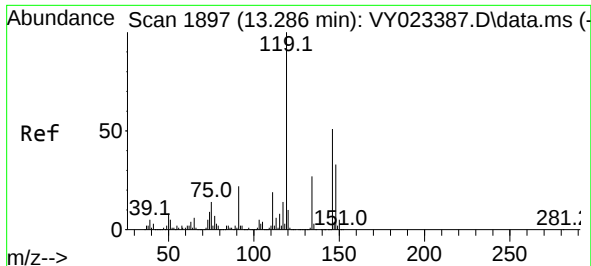
Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.7

91 22.4 10.9 32.9

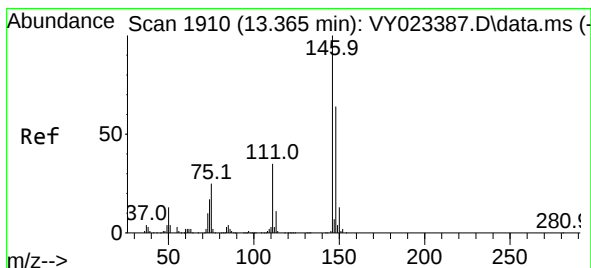
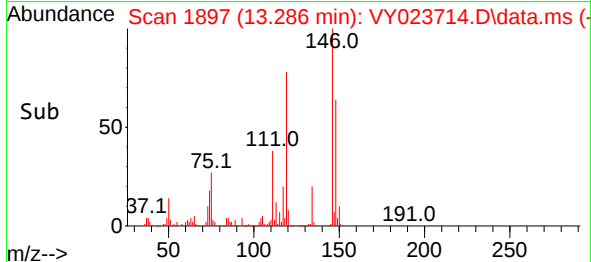
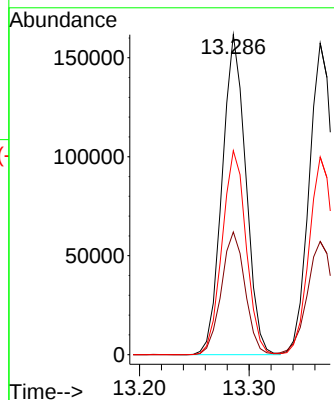
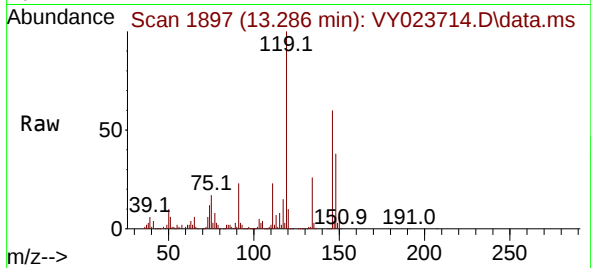




#87
1,3-Dichlorobenzene
Concen: 19.606 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

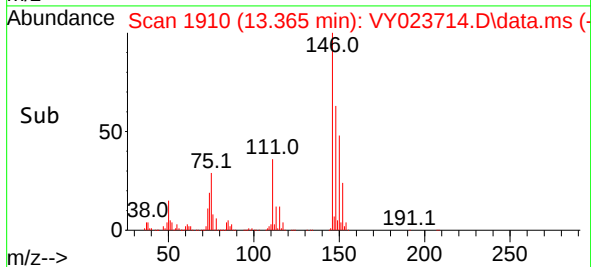
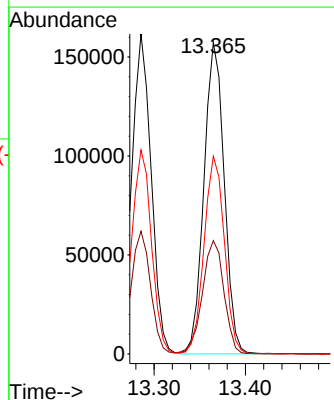
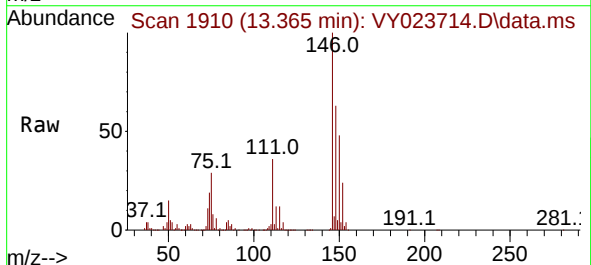
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

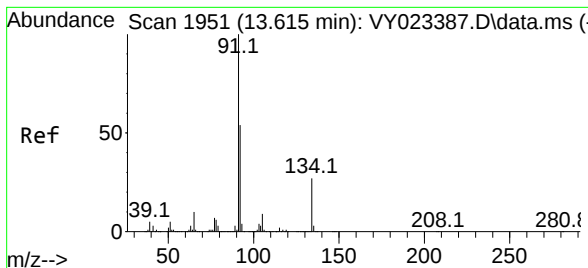
Tgt Ion:146 Resp: 242692
Ion Ratio Lower Upper
146 100
111 38.4 18.7 56.1
148 64.6 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 19.811 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY023714.D
Acq: 10 Nov 2025 14:49

Tgt Ion:146 Resp: 242205
Ion Ratio Lower Upper
146 100
111 38.7 18.0 54.0
148 64.0 31.9 95.7





#89

n-Butylbenzene

Concen: 19.337 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

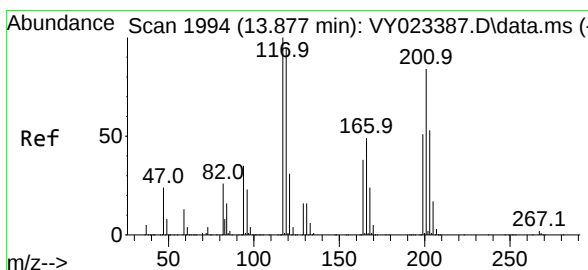
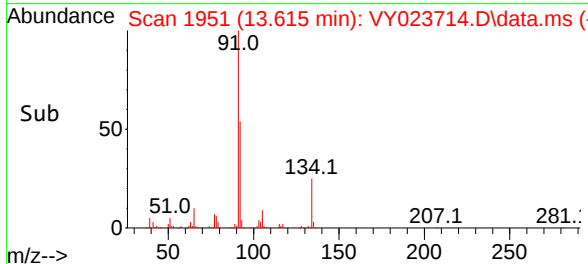
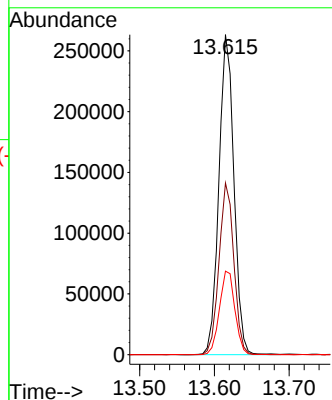
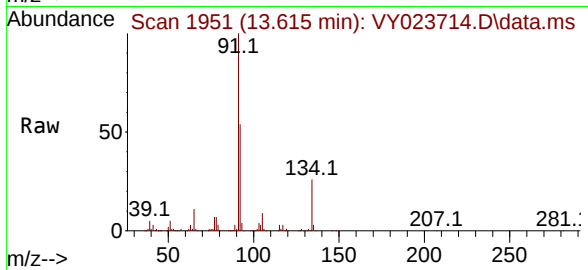
Tgt Ion: 91 Resp: 367122

Ion Ratio Lower Upper

91 100

92 53.0 27.0 80.8

134 26.9 14.1 42.2



#90

Hexachloroethane

Concen: 20.231 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY023714.D

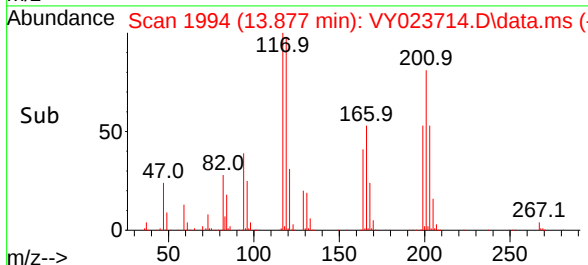
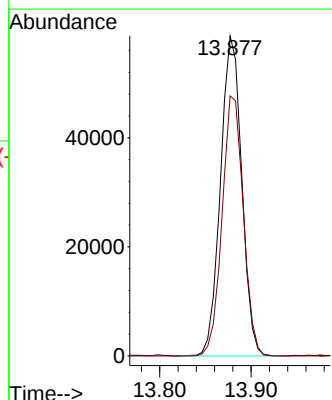
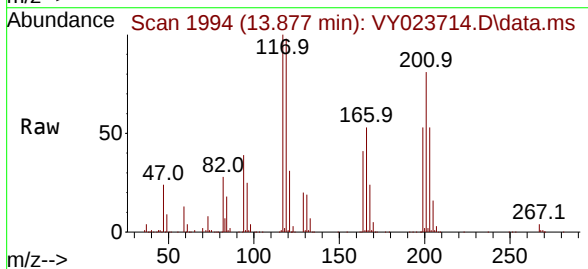
Acq: 10 Nov 2025 14:49

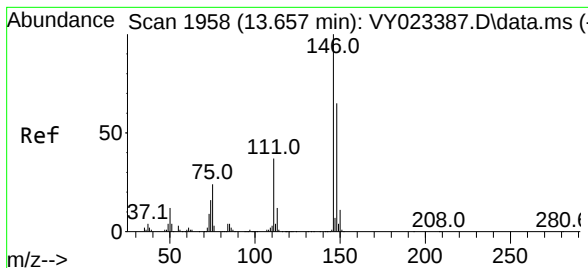
Tgt Ion: 117 Resp: 94813

Ion Ratio Lower Upper

117 100

201 81.0 43.8 131.4





#91

1,2-Dichlorobenzene

Concen: 19.879 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

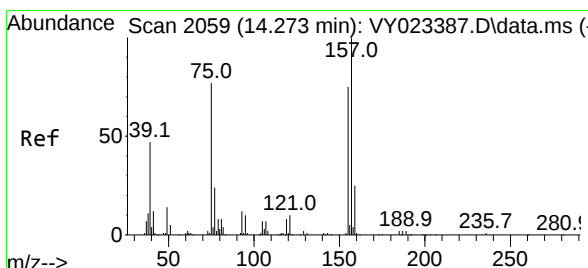
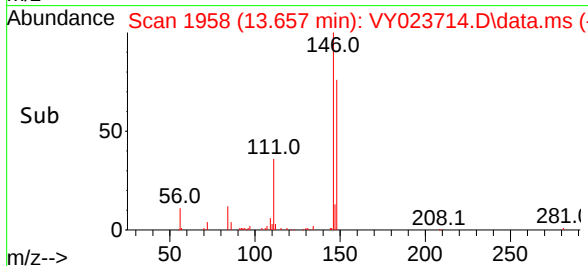
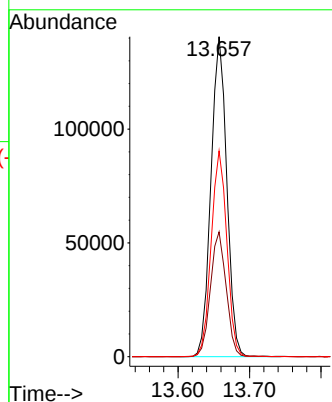
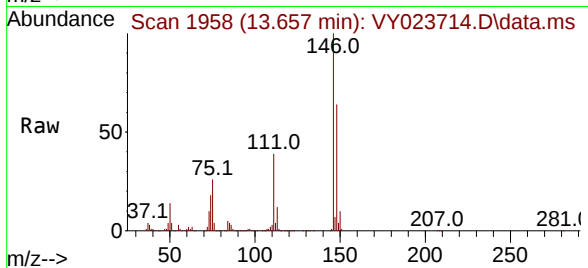
Tgt Ion:146 Resp: 215742

Ion Ratio Lower Upper

146 100

111 38.9 19.0 57.0

148 63.9 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.027 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

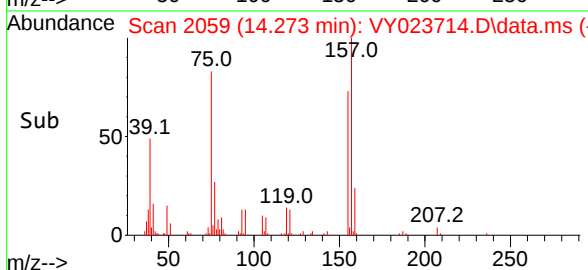
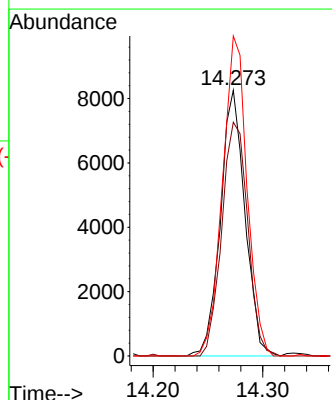
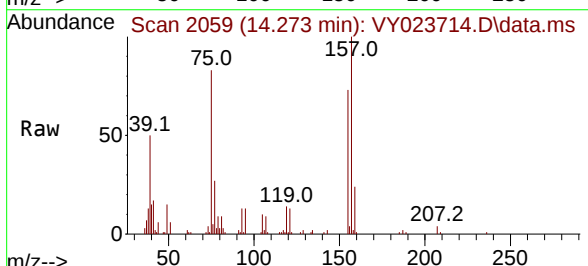
Tgt Ion: 75 Resp: 12851

Ion Ratio Lower Upper

75 100

155 92.8 50.0 150.0

157 120.6 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 16.706 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

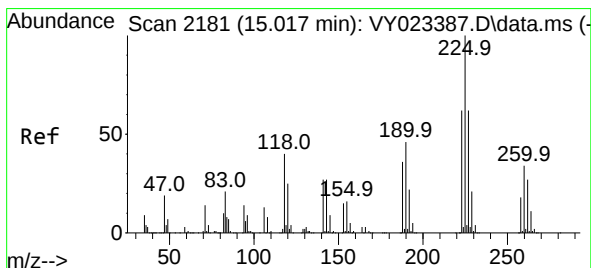
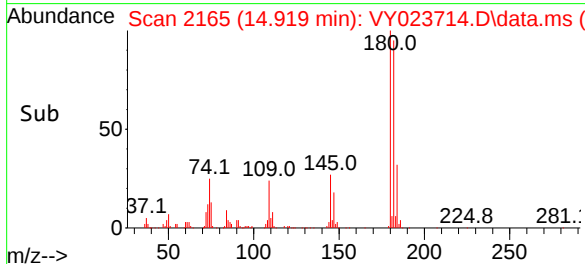
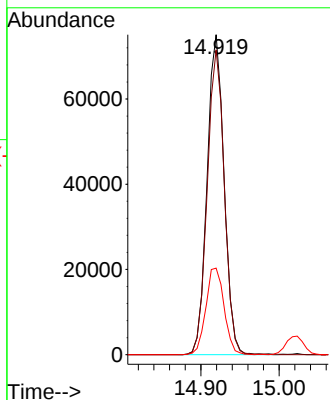
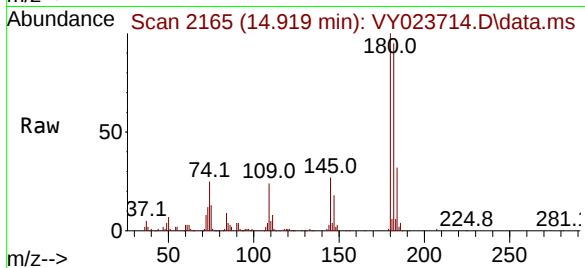
Tgt Ion:180 Resp: 113027

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.6

145 29.1 14.7 44.1



#94

Hexachlorobutadiene

Concen: 18.094 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

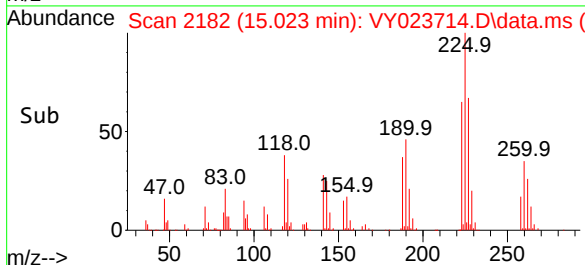
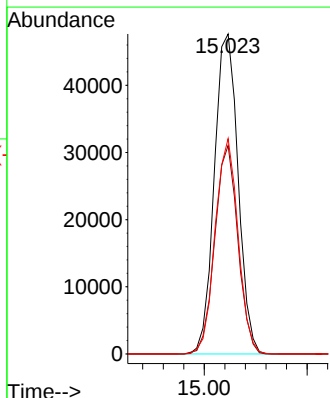
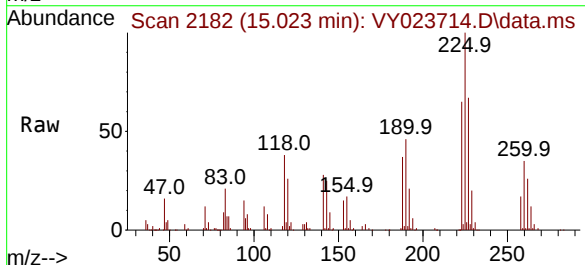
Tgt Ion:225 Resp: 76311

Ion Ratio Lower Upper

225 100

223 63.1 30.8 92.3

227 65.1 31.9 95.7





#95

Naphthalene

Concen: 15.220 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

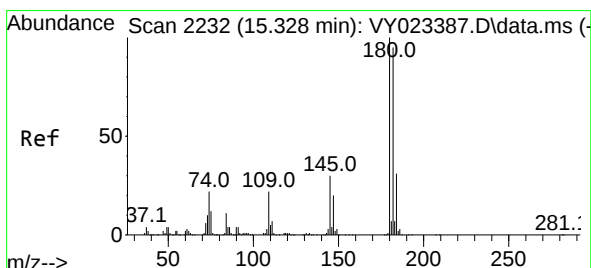
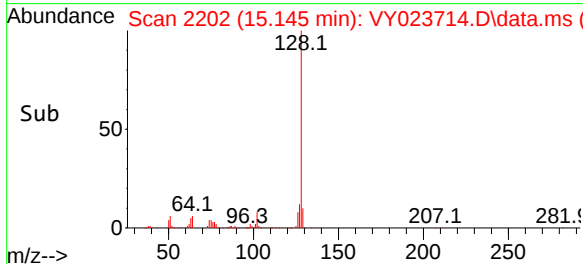
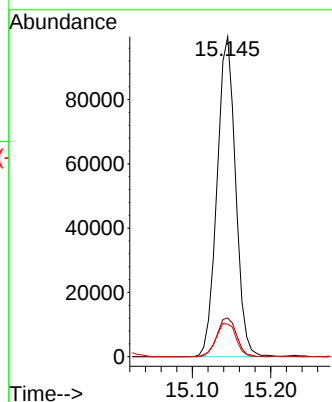
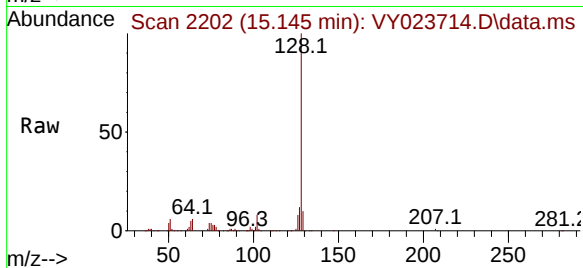
Tgt Ion:128 Resp: 163973

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 16.340 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023714.D

Acq: 10 Nov 2025 14:49

Tgt Ion:180 Resp: 95756

Ion Ratio Lower Upper

180 100

182 96.9 47.9 143.8

145 31.1 15.3 45.9

