

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082825\
 Data File : VY023217.D
 Acq On : 28 Aug 2025 11:20
 Operator : SY/MD
 Sample : VY0828SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0828SBS01

Quant Time: Aug 29 02:07:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	479921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	762688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	660180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	335118	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	218562	47.784	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.560%
35) Dibromofluoromethane	7.634	113	226580	49.649	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.300%
50) Toluene-d8	10.109	98	862905	48.401	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.800%
62) 4-Bromofluorobenzene	12.402	95	272412	47.512	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	80920	20.657	ug/l	99
3) Chloromethane	2.074	50	124106	19.560	ug/l	96
4) Vinyl Chloride	2.208	62	153540	19.576	ug/l	97
5) Bromomethane	2.592	94	129511	22.110	ug/l	98
6) Chloroethane	2.739	64	106516	20.427	ug/l	98
7) Trichlorofluoromethane	3.056	101	187616	19.673	ug/l	99
8) Diethyl Ether	3.458	74	54900	21.758	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	98798	20.998	ug/l	97
10) Methyl Iodide	4.007	142	110516	21.768	ug/l	99
11) Tert butyl alcohol	4.866	59	31803	101.476	ug/l #	83
12) 1,1-Dichloroethene	3.793	96	95780	20.710	ug/l	93
13) Acrolein	3.659	56	24260	52.856	ug/l	94
14) Allyl chloride	4.385	41	127813	18.782	ug/l	97
15) Acrylonitrile	5.061	53	105424	102.774	ug/l	99
16) Acetone	3.873	43	123676	124.808	ug/l	99
17) Carbon Disulfide	4.110	76	298694	19.808	ug/l	100
18) Methyl Acetate	4.385	43	61088	20.716	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	243063	20.282	ug/l	96
20) Methylene Chloride	4.622	84	121753	22.130	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	109960	21.157	ug/l	93
22) Diisopropyl ether	6.019	45	294410	19.910	ug/l	93
23) Vinyl Acetate	5.964	43	795497	97.289	ug/l	100
24) 1,1-Dichloroethane	5.921	63	184265	20.382	ug/l	99
25) 2-Butanone	6.896	43	153350	113.786	ug/l	93
26) 2,2-Dichloropropane	6.890	77	160990	20.637	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	125451	20.880	ug/l	97
28) Bromochloromethane	7.250	49	72863	20.314	ug/l	92
29) Tetrahydrofuran	7.268	42	82325	98.548	ug/l	97
30) Chloroform	7.427	83	196743	21.101	ug/l	97
31) Cyclohexane	7.707	56	158599	18.616	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	171906	20.779	ug/l	100
36) 1,1-Dichloropropene	7.835	75	136067	20.062	ug/l	99
37) Ethyl Acetate	6.988	43	60335	21.177	ug/l	99
38) Carbon Tetrachloride	7.823	117	152840	20.748	ug/l	99
39) Methylcyclohexane	9.110	83	170945	19.140	ug/l	99
40) Benzene	8.085	78	436012	20.858	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.268	41	81040	49.287	ug/l #	33
42) 1,2-Dichloroethane	8.158	62	111502	20.509	ug/l	100
43) Isopropyl Acetate	8.201	43	112377	19.515	ug/l	98
44) Trichloroethene	8.866	130	120044	22.222	ug/l	99
45) 1,2-Dichloropropane	9.140	63	99870	20.764	ug/l	98
46) Dibromomethane	9.231	93	59323	21.489	ug/l	98
47) Bromodichloromethane	9.427	83	150480	21.184	ug/l	99
48) Methyl methacrylate	9.225	41	53557	19.436	ug/l	95
49) 1,4-Dioxane	9.231	88	13582	419.590	ug/l	92
51) 4-Methyl-2-Pentanone	10.000	43	294258	99.066	ug/l	98
52) Toluene	10.170	92	276617	20.835	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	131460	20.437	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	155574	20.453	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	79066	21.404	ug/l	98
56) Ethyl methacrylate	10.439	69	92622	19.595	ug/l	98
57) 1,3-Dichloropropane	10.719	76	131619	21.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	212280	95.206	ug/l	97
59) 2-Hexanone	10.762	43	214877	106.238	ug/l	98
60) Dibromochloromethane	10.908	129	106819	21.915	ug/l	100
61) 1,2-Dibromoethane	11.018	107	74321	21.406	ug/l	100
64) Tetrachloroethene	10.646	164	146079	24.780	ug/l	98
65) Chlorobenzene	11.438	112	307302	21.580	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.518	131	107067	22.154	ug/l	99
67) Ethyl Benzene	11.518	91	503041	20.527	ug/l	99
68) m/p-Xylenes	11.627	106	400278	41.822	ug/l	98
69) o-Xylene	11.957	106	185791	20.726	ug/l	100
70) Styrene	11.969	104	311379	21.240	ug/l	98
71) Bromoform	12.133	173	63685	22.546	ug/l	99
73) Isopropylbenzene	12.255	105	479810	20.286	ug/l	100
74) N-amyl acetate	12.072	43	91354	18.213	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	77898	19.289	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	111851	34.583	ug/l #	100
77) Bromobenzene	12.530	156	121154	21.471	ug/l	95
78) n-propylbenzene	12.597	91	572555	20.332	ug/l	99
79) 2-Chlorotoluene	12.676	91	330400	20.478	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	393761	20.599	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	26531	19.857	ug/l	99
82) 4-Chlorotoluene	12.773	91	341594	20.409	ug/l	99
83) tert-Butylbenzene	12.999	119	352168	20.398	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	389109	20.448	ug/l	99
85) sec-Butylbenzene	13.176	105	518228	20.434	ug/l	100
86) p-Isopropyltoluene	13.292	119	431719	20.508	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	236011	21.210	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	233280	21.134	ug/l	98
89) n-Butylbenzene	13.615	91	382471	19.782	ug/l	100
90) Hexachloroethane	13.877	117	92367	21.434	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	209755	21.494	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13071	20.788	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	121854	21.115	ug/l	98
94) Hexachlorobutadiene	15.023	225	74088	21.847	ug/l	99
95) Naphthalene	15.145	128	199469	20.270	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	105174	21.149	ug/l	100

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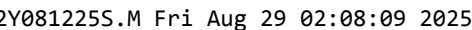
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MSVOA_Y
ClientSampleId :
VY0828SBSD01

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QLast Update : Wed Aug 13 02:10:11 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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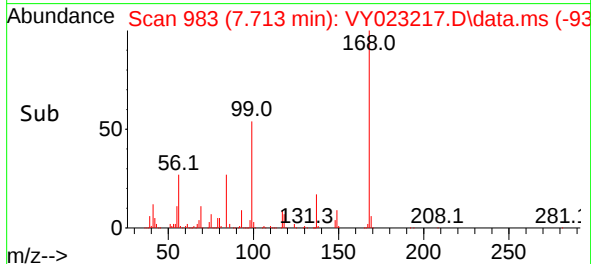
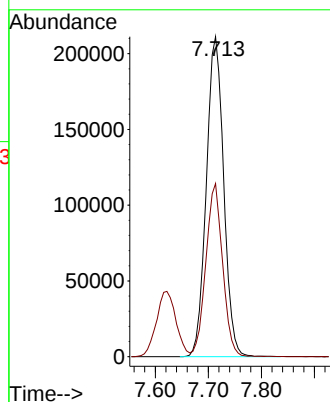
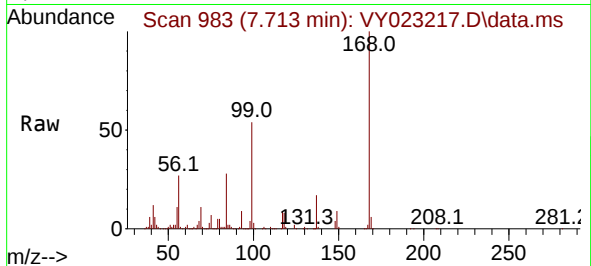




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

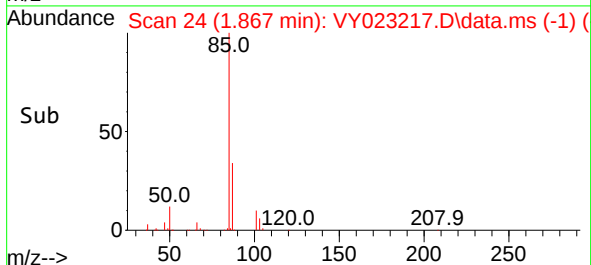
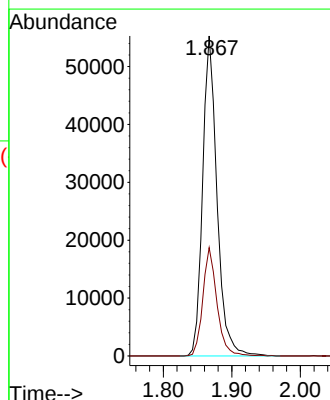
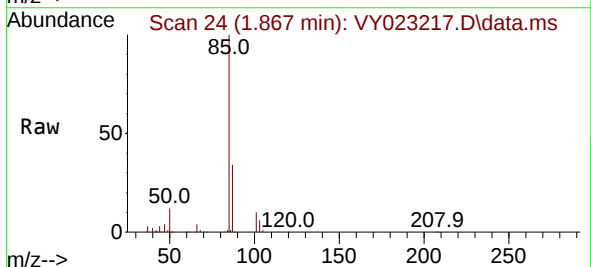
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

Tgt Ion:168 Resp: 479921
Ion Ratio Lower Upper
168 100
99 54.0 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 20.657 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 85 Resp: 80920
Ion Ratio Lower Upper
85 100
87 33.9 16.6 49.8

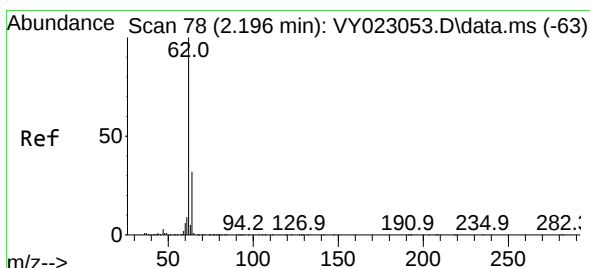
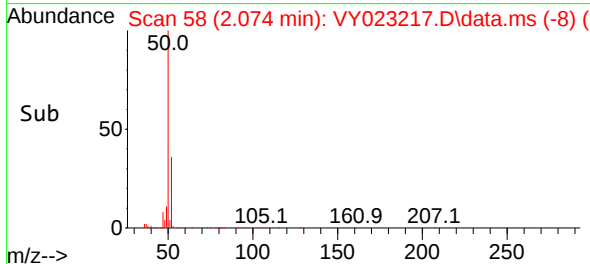
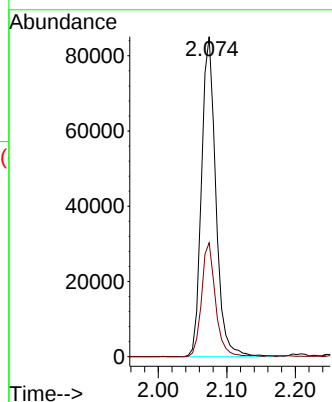
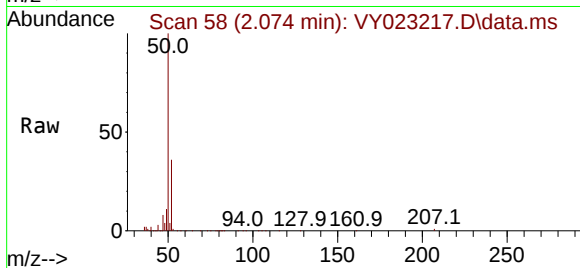




#3
Chloromethane
Concen: 19.560 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

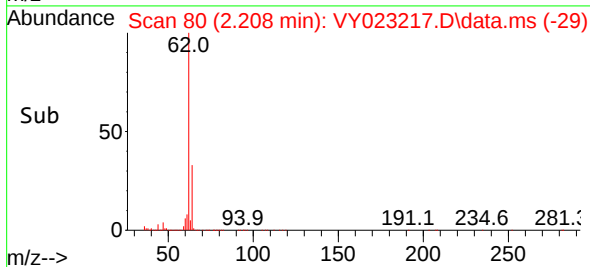
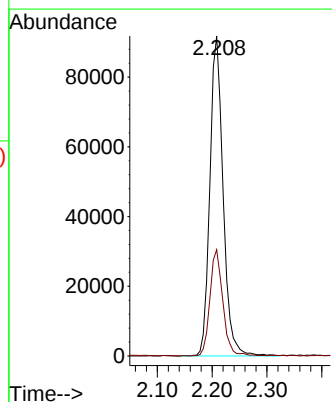
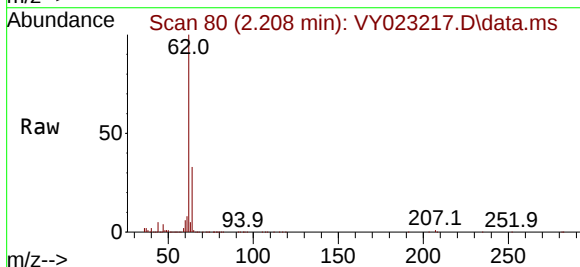
Instrument :
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ClientSampleId :
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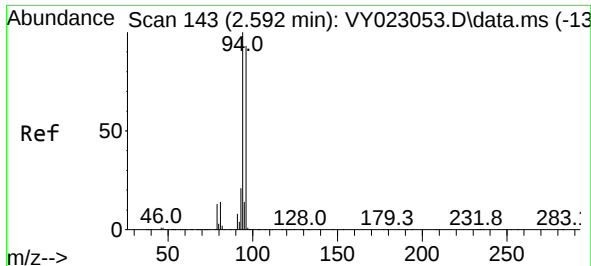
Tgt Ion: 50 Resp: 124106
Ion Ratio Lower Upper
50 100
52 35.6 26.7 40.1



#4
Vinyl Chloride
Concen: 19.576 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 62 Resp: 153540
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0

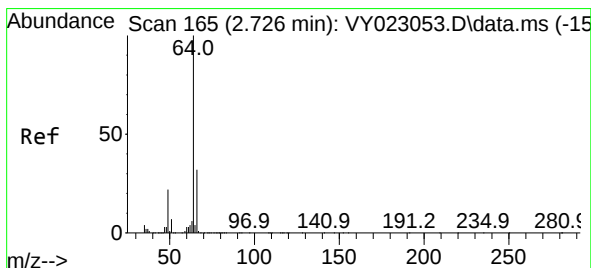
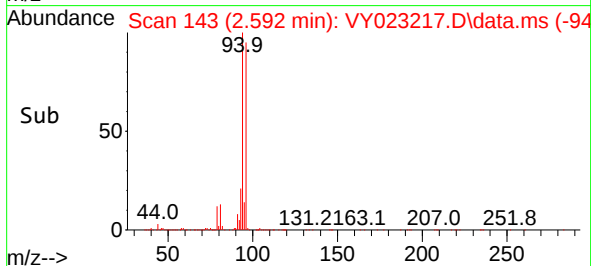
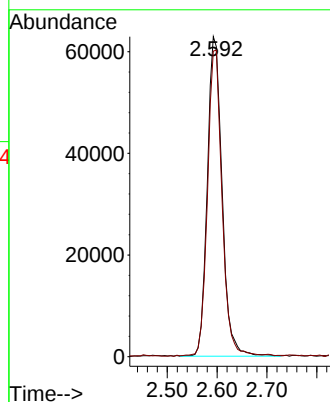
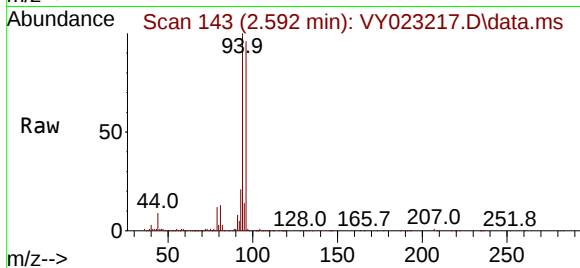




#5
Bromomethane
Concen: 22.110 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

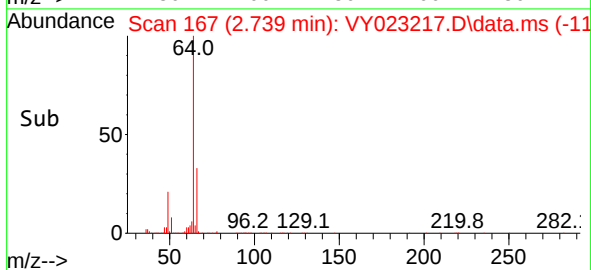
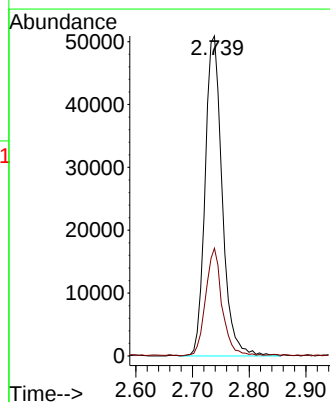
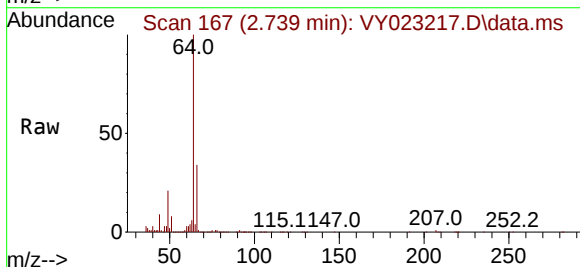
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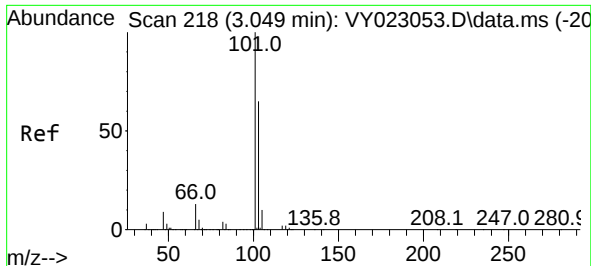
Tgt Ion: 94 Resp: 129511
Ion Ratio Lower Upper
94 100
96 95.4 74.6 112.0



#6
Chloroethane
Concen: 20.427 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 64 Resp: 106516
Ion Ratio Lower Upper
64 100
66 33.5 25.8 38.6

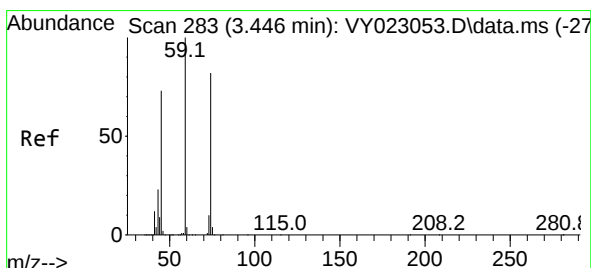
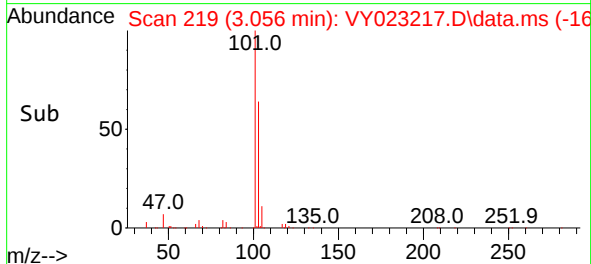
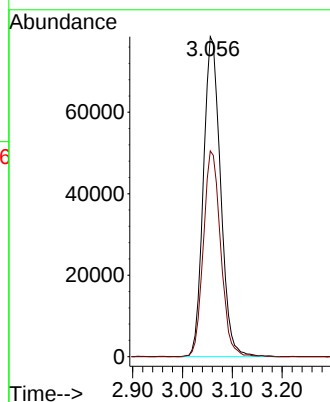
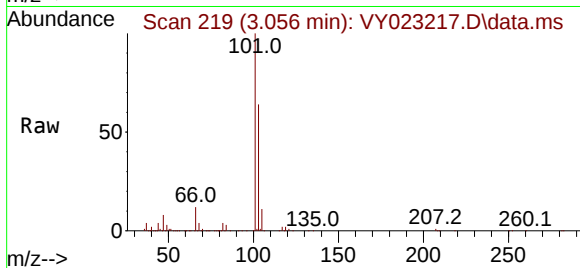




#7
 Trichlorofluoromethane
 Concen: 19.673 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY023217.D
 Acq: 28 Aug 2025 11:20

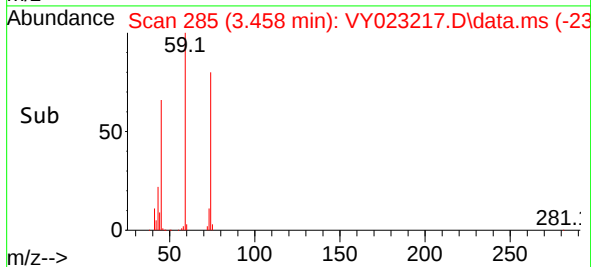
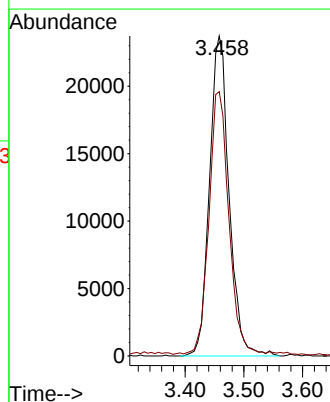
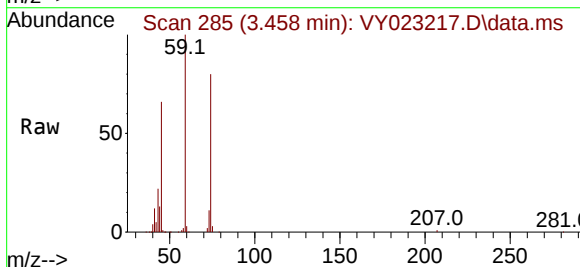
Instrument :
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 VY0828SBS01

Tgt Ion:101 Resp: 187616
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.9 77.9



#8
 Diethyl Ether
 Concen: 21.758 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.012 min
 Lab File: VY023217.D
 Acq: 28 Aug 2025 11:20

Tgt Ion: 74 Resp: 54900
 Ion Ratio Lower Upper
 74 100
 45 82.4 44.4 133.2

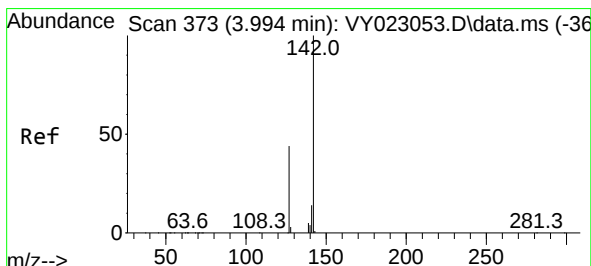
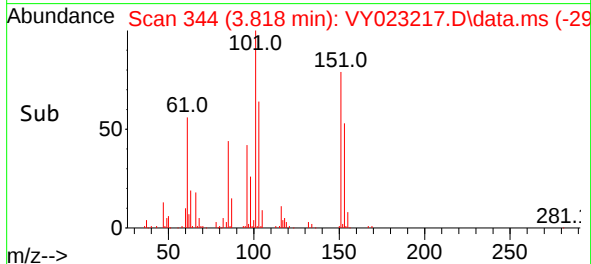
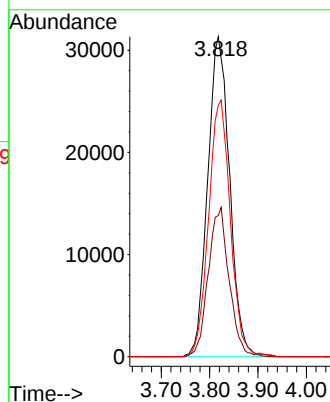
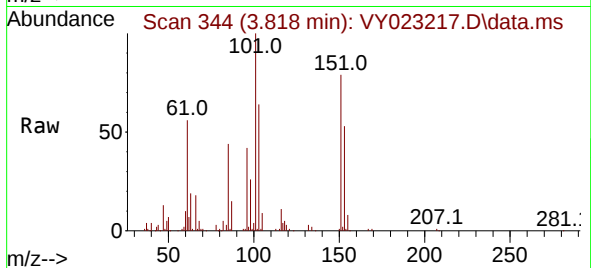




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.998 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023217.D
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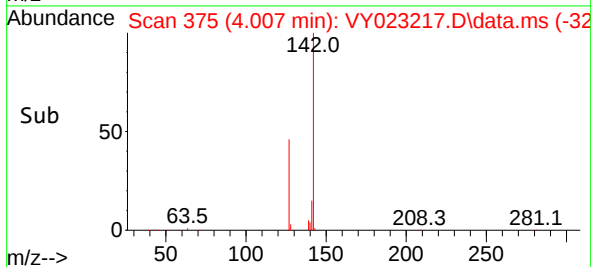
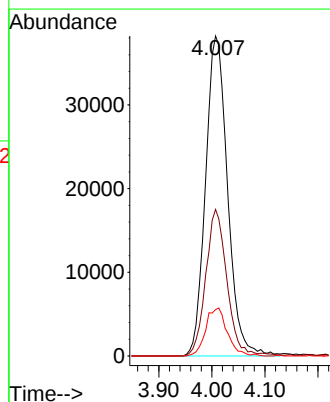
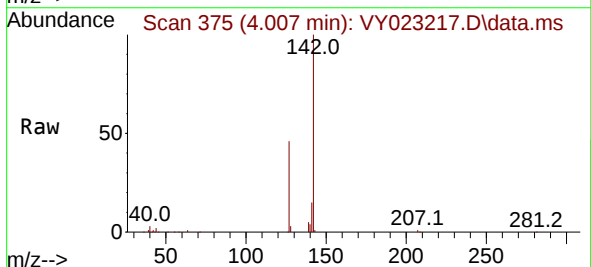
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBSD01

Tgt Ion:101 Resp: 98798
Ion Ratio Lower Upper
101 100
85 44.2 36.3 54.5
151 79.7 61.5 92.3



#10
Methyl Iodide
Concen: 21.768 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion:142 Resp: 110516
Ion Ratio Lower Upper
142 100
127 44.1 34.9 52.3
141 14.5 11.3 16.9





#11

Tert butyl alcohol

Concen: 101.476 ug/l

RT: 4.866 min Scan# 515

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

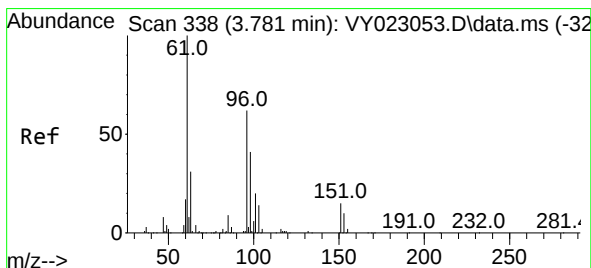
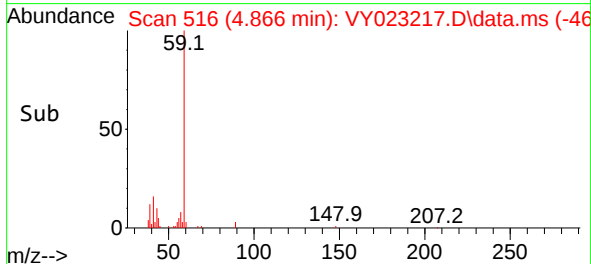
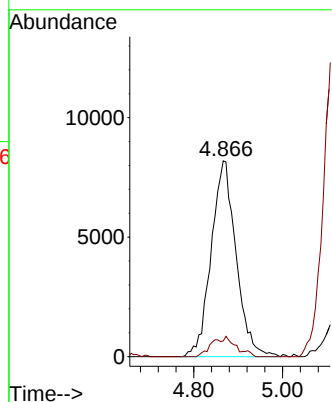
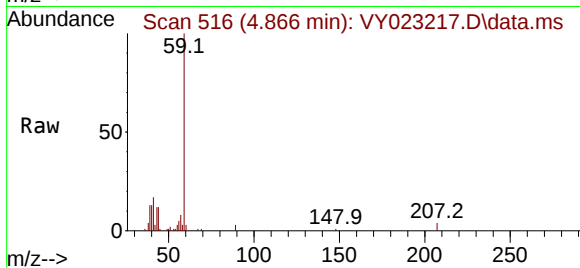
VY0828SBS01

Tgt Ion: 59 Resp: 31803

Ion Ratio Lower Upper

59 100

57 4.4 8.6 13.0#



#12

1,1-Dichloroethene

Concen: 20.710 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.012 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

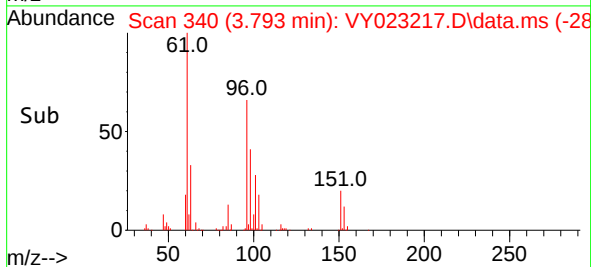
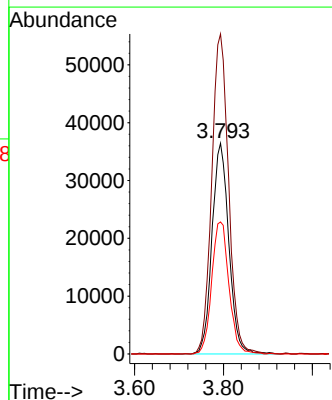
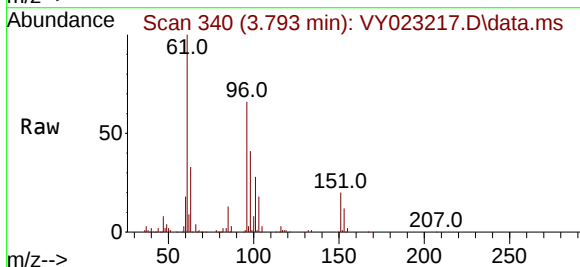
Tgt Ion: 96 Resp: 95780

Ion Ratio Lower Upper

96 100

61 151.8 129.4 194.2

98 62.7 52.8 79.2

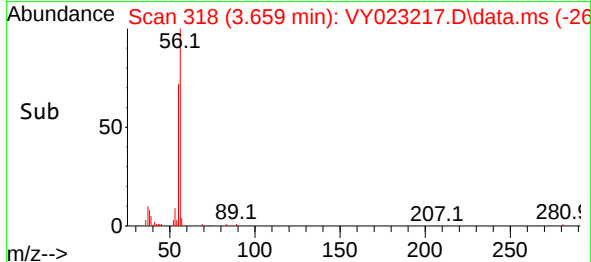
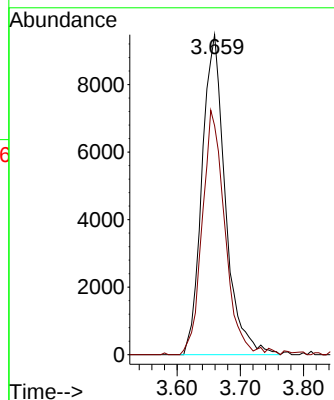
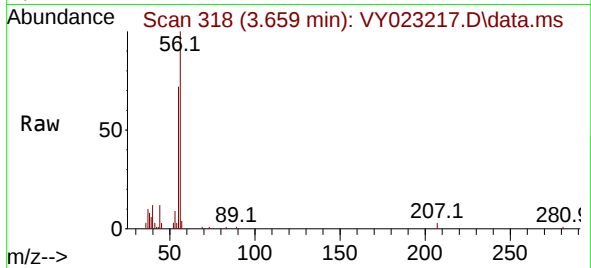




#13
Acrolein
Concen: 52.856 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

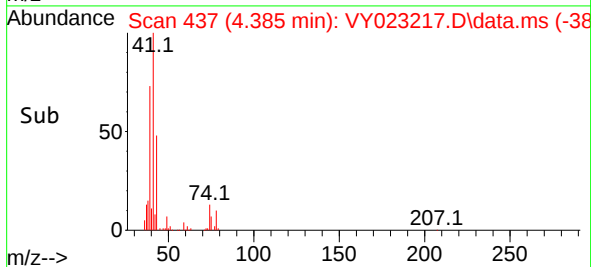
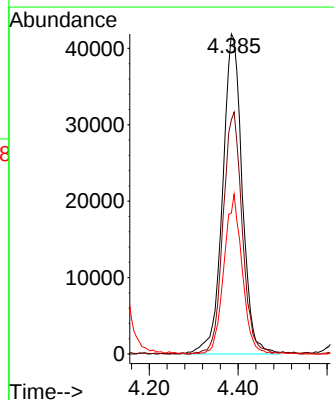
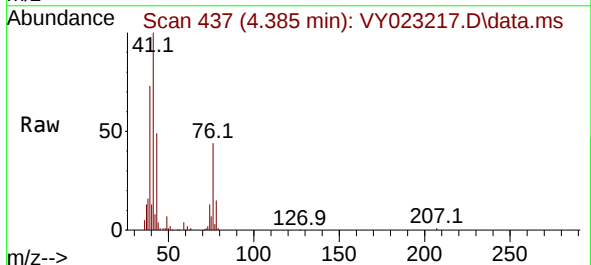
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

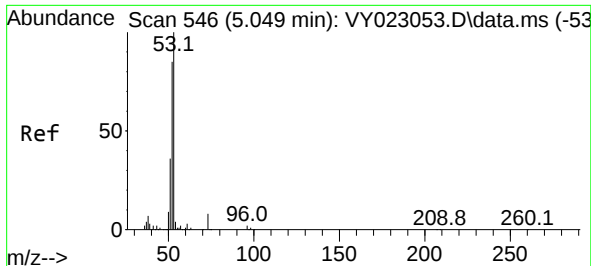
Tgt Ion: 56 Resp: 24260
Ion Ratio Lower Upper
56 100
55 73.6 55.2 82.8



#14
Allyl chloride
Concen: 18.782 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 41 Resp: 127813
Ion Ratio Lower Upper
41 100
39 74.3 59.8 89.6
76 46.4 33.7 50.5

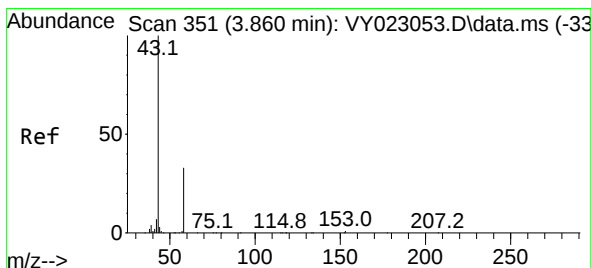
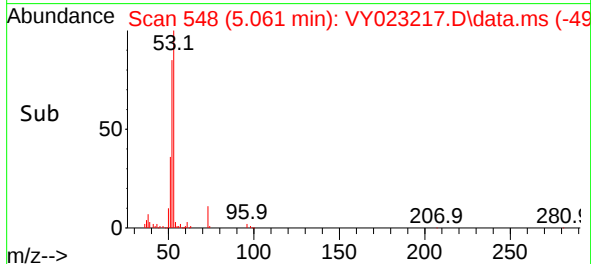
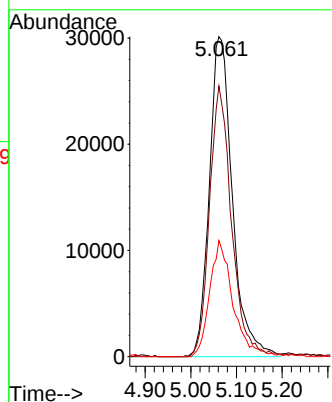
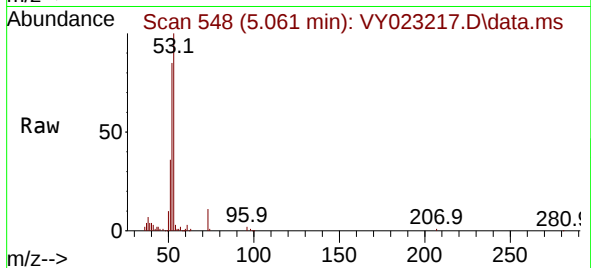




#15
Acrylonitrile
Concen: 102.774 ug/l
RT: 5.061 min Scan# 546
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

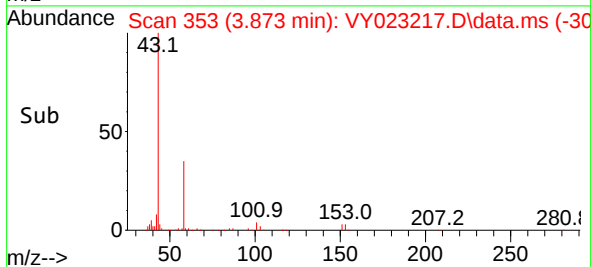
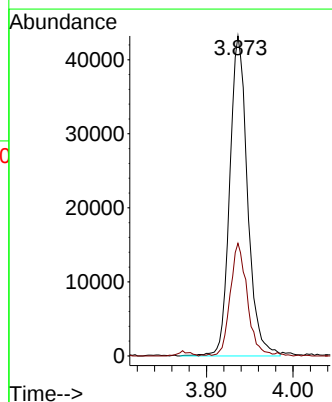
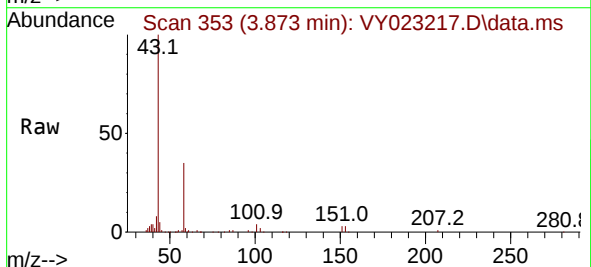
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

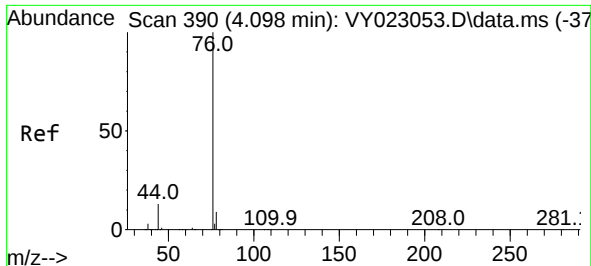
Tgt Ion: 53 Resp: 105424
Ion Ratio Lower Upper
53 100
52 81.0 65.3 97.9
51 36.7 29.5 44.3



#16
Acetone
Concen: 124.808 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 43 Resp: 123676
Ion Ratio Lower Upper
43 100
58 34.6 27.1 40.7

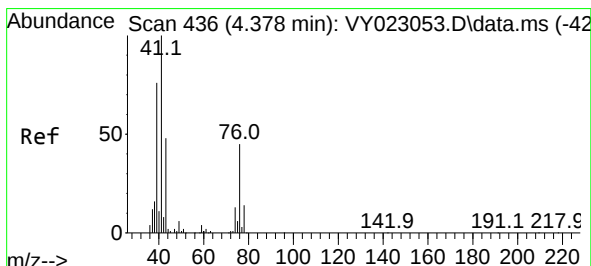
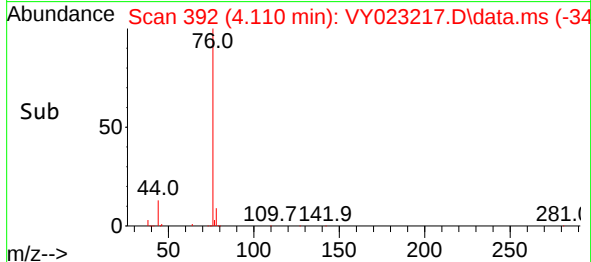
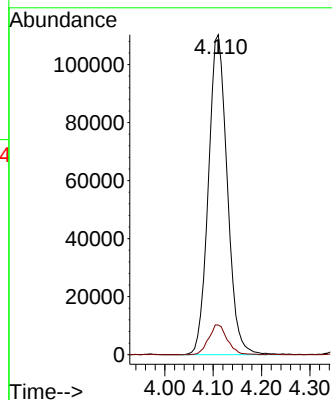
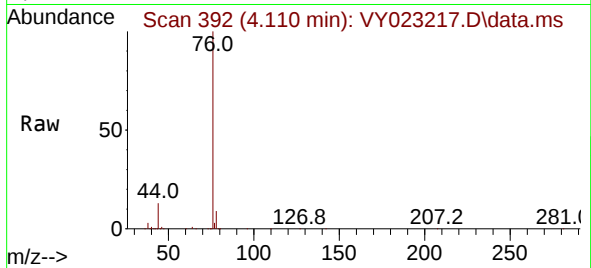




#17
Carbon Disulfide
Concen: 19.808 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

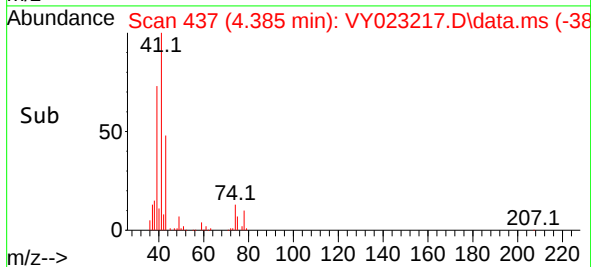
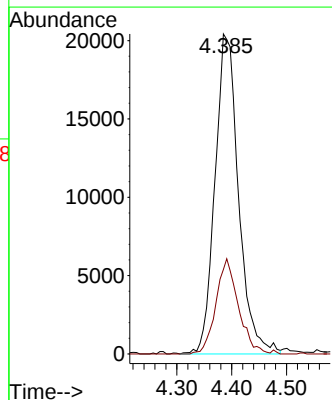
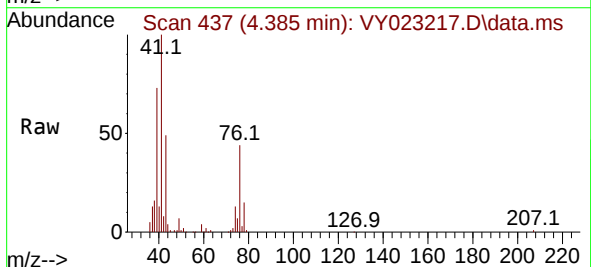
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

Tgt Ion: 76 Resp: 298694
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 20.716 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 43 Resp: 61088
Ion Ratio Lower Upper
43 100
74 28.3 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 20.282 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

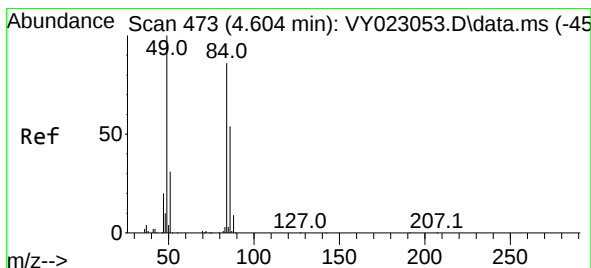
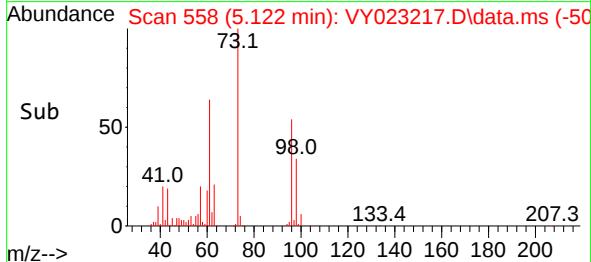
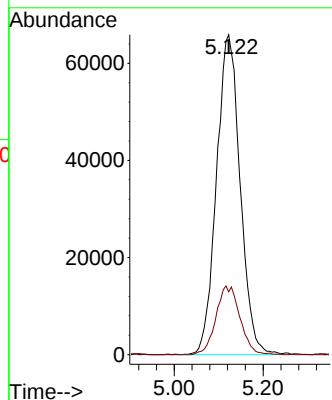
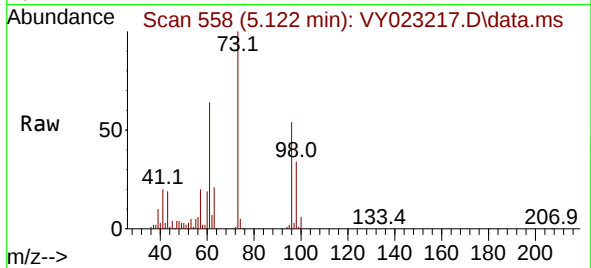
VY0828SBS01

Tgt Ion: 73 Resp: 243063

Ion Ratio Lower Upper

73 100

57 19.7 17.1 25.7



#20

Methylene Chloride

Concen: 22.130 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.018 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Tgt Ion: 84 Resp: 121753

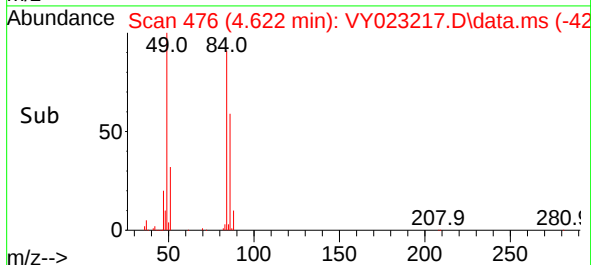
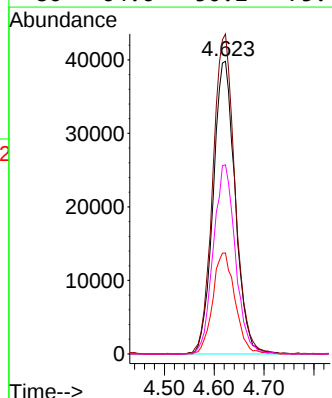
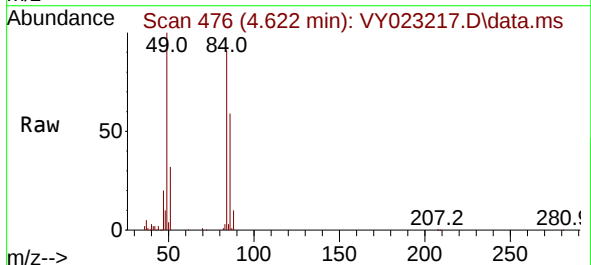
Ion Ratio Lower Upper

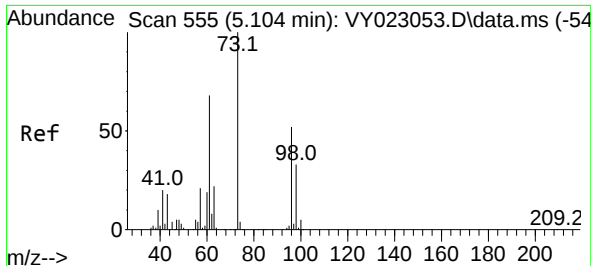
84 100

49 109.3 93.0 139.6

51 34.5 29.0 43.4

86 64.6 50.2 75.4

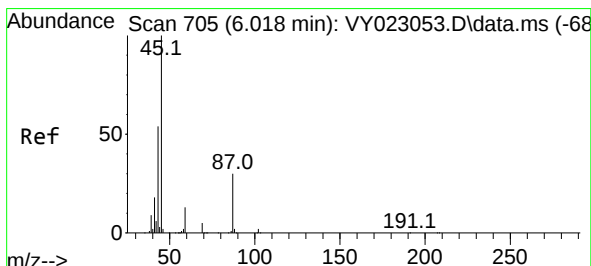
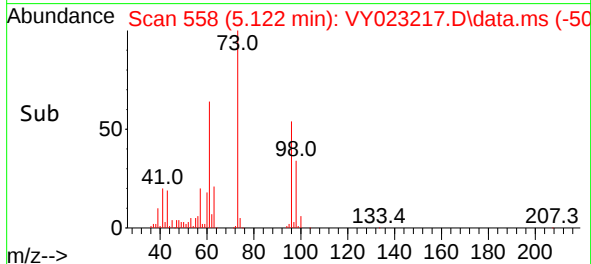
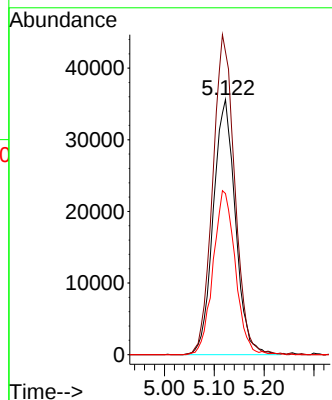
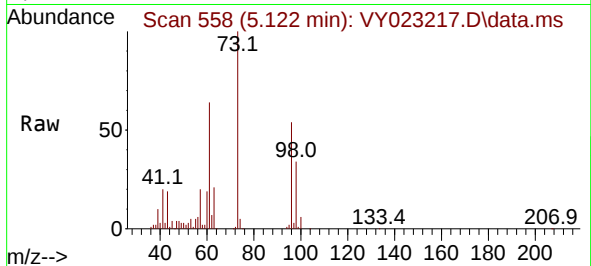




#21
trans-1,2-Dichloroethene
Concen: 21.157 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

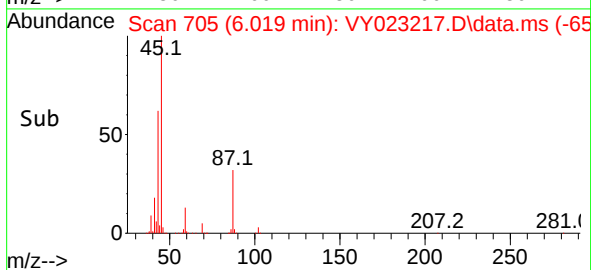
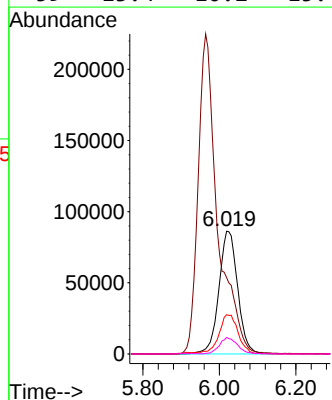
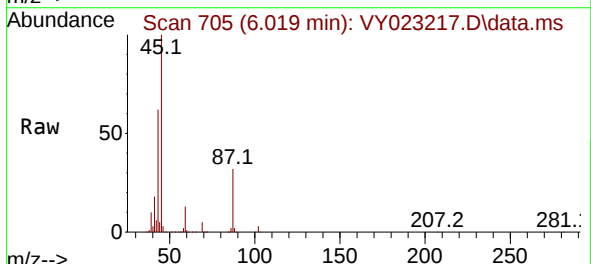
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

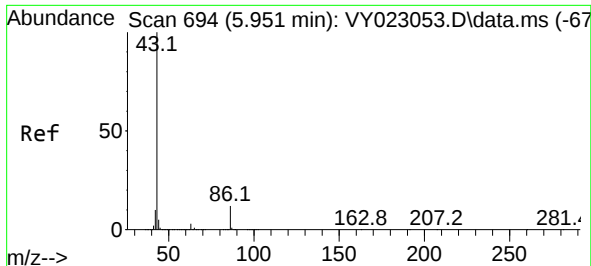
Tgt Ion: 96 Resp: 109960
Ion Ratio Lower Upper
96 100
61 118.7 104.8 157.2
98 63.2 50.1 75.1



#22
Diisopropyl ether
Concen: 19.910 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 45 Resp: 294410
Ion Ratio Lower Upper
45 100
43 61.9 43.4 65.0
87 31.9 24.4 36.6
59 13.4 10.2 15.4

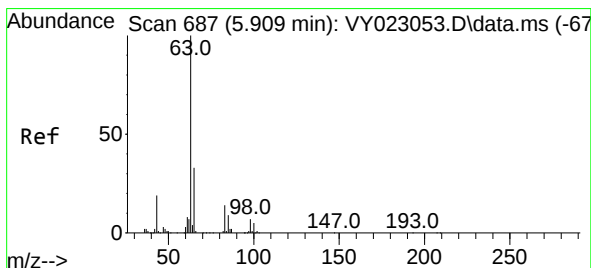
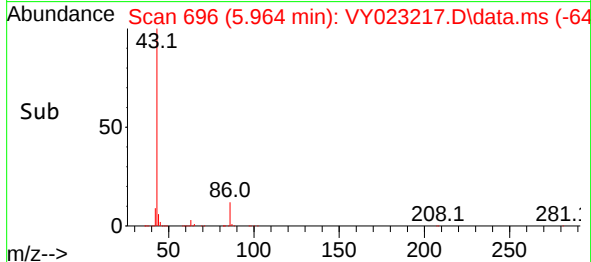
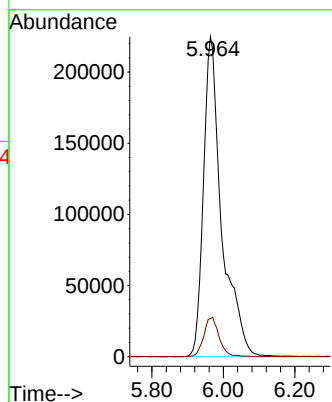
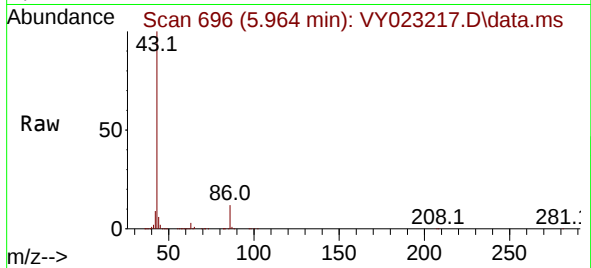




#23
 Vinyl Acetate
 Concen: 97.289 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023217.D
 Acq: 28 Aug 2025 11:20

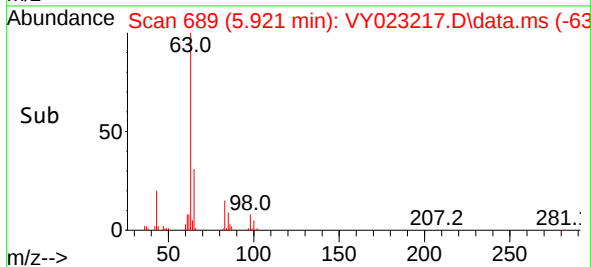
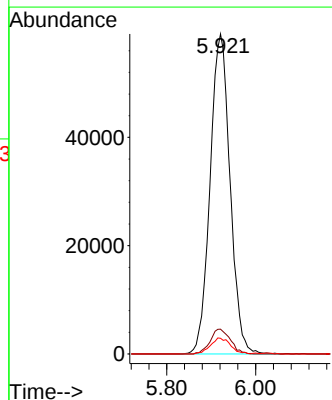
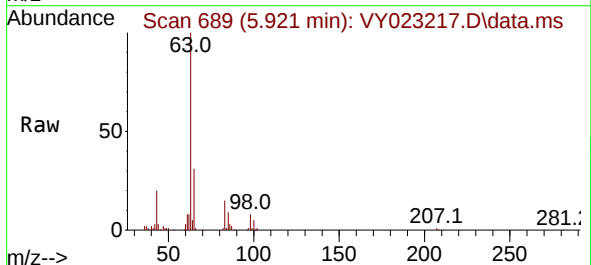
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0828SBS01

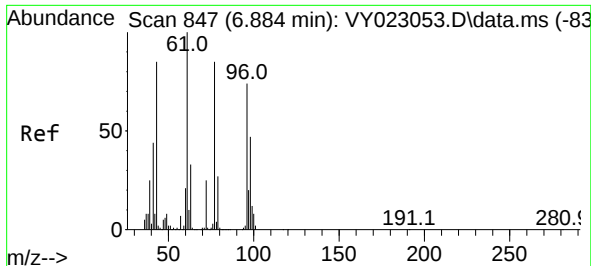
Tgt Ion: 43 Resp: 795497
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 20.382 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023217.D
 Acq: 28 Aug 2025 11:20

Tgt Ion: 63 Resp: 184265
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.6
 100 4.9 2.4 7.1

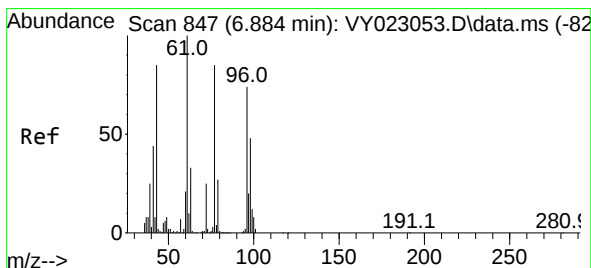
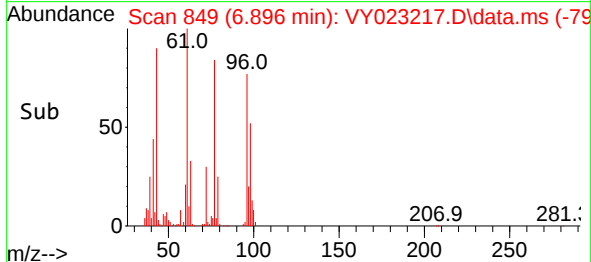
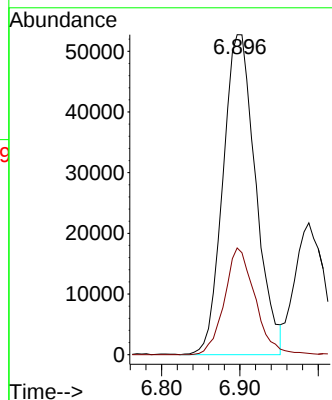
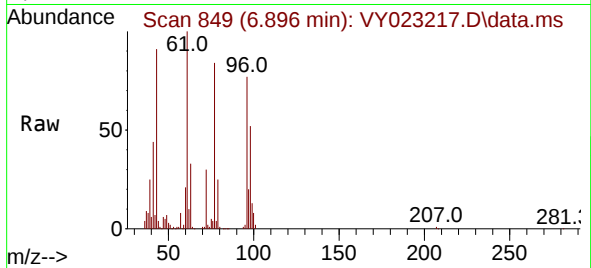




#25
2-Butanone
Concen: 113.786 ug/l
RT: 6.896 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

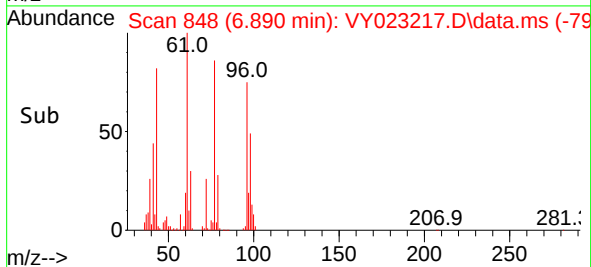
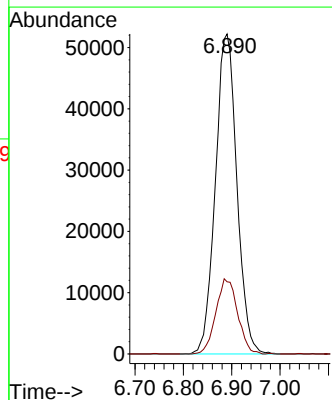
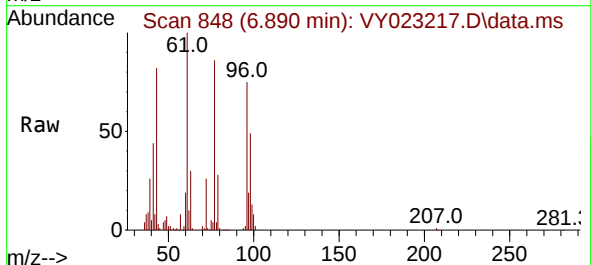
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

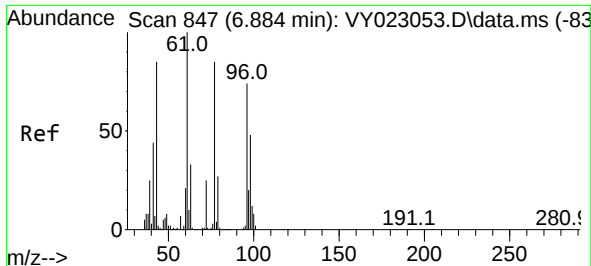
Tgt Ion: 43 Resp: 153350
Ion Ratio Lower Upper
43 100
72 33.4 23.5 35.3



#26
2,2-Dichloropropane
Concen: 20.637 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 77 Resp: 160990
Ion Ratio Lower Upper
77 100
97 23.7 11.6 34.8

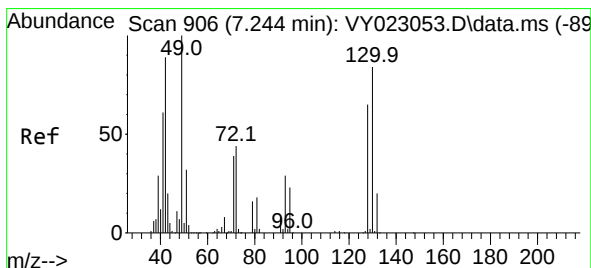
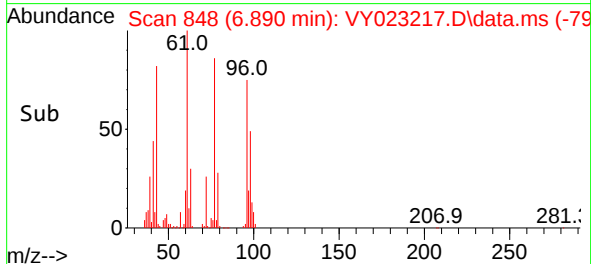
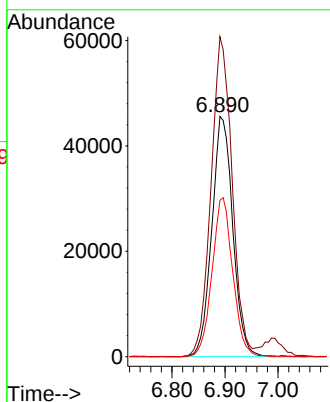
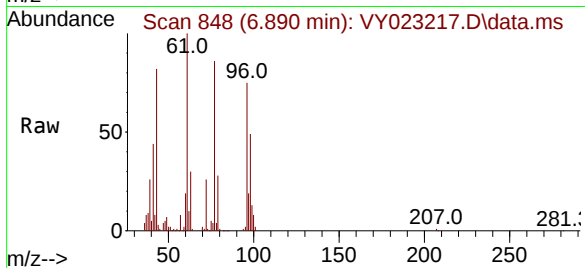




#27
 cis-1,2-Dichloroethene
 Concen: 20.880 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY023217.D
 Acq: 28 Aug 2025 11:20

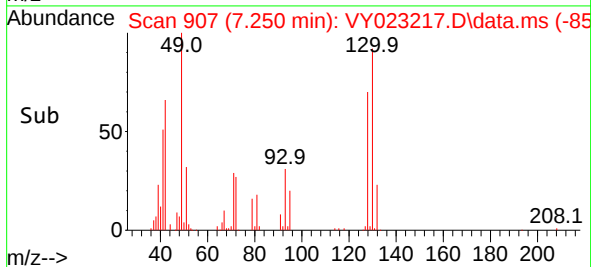
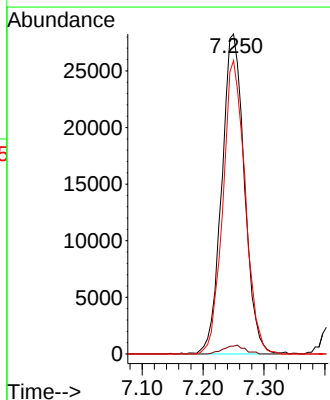
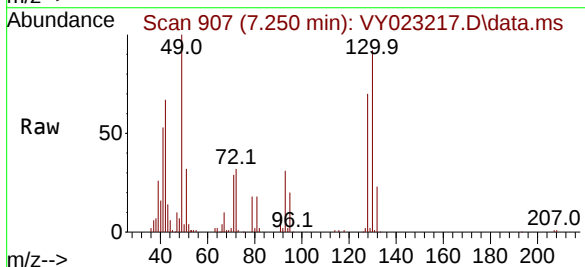
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0828SBS01

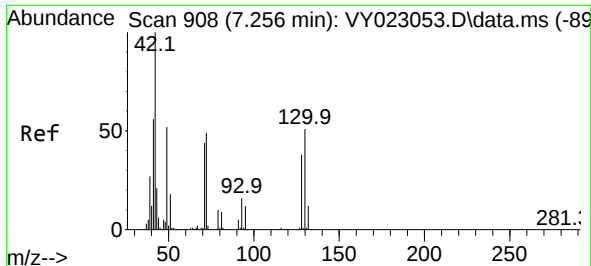
Tgt Ion: 96 Resp: 125451
 Ion Ratio Lower Upper
 96 100
 61 133.9 0.0 278.6
 98 65.1 0.0 130.4



#28
 Bromochloromethane
 Concen: 20.314 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY023217.D
 Acq: 28 Aug 2025 11:20

Tgt Ion: 49 Resp: 72863
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.2
 130 90.3 66.4 99.6





#29

Tetrahydrofuran

Concen: 98.548 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBS01

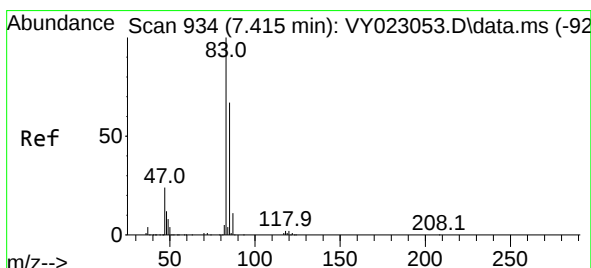
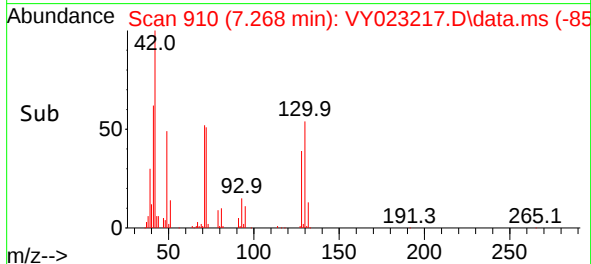
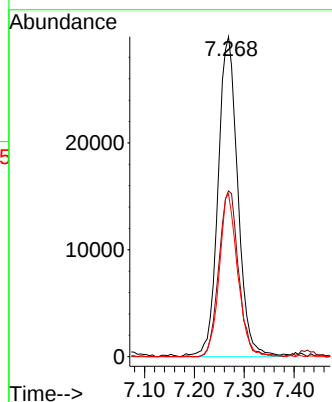
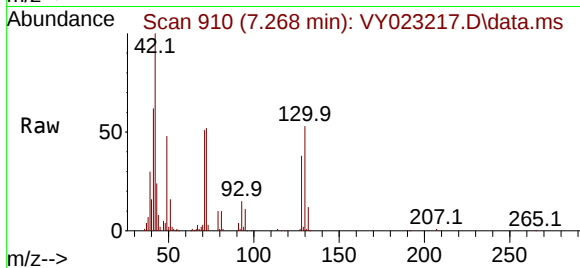
Tgt Ion: 42 Resp: 82325

Ion Ratio Lower Upper

42 100

72 51.8 39.4 59.2

71 47.5 36.5 54.7



#30

Chloroform

Concen: 21.101 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.012 min

Lab File: VY023217.D

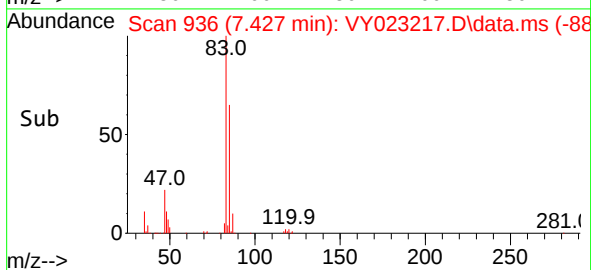
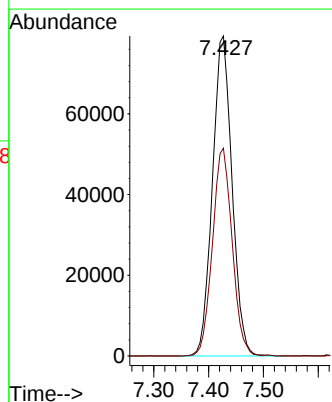
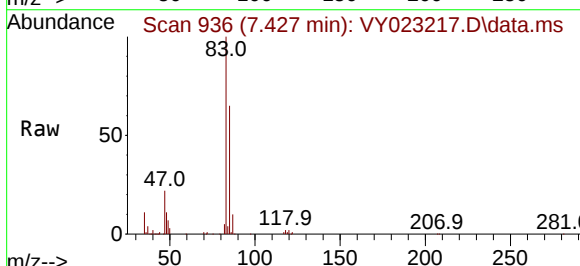
Acq: 28 Aug 2025 11:20

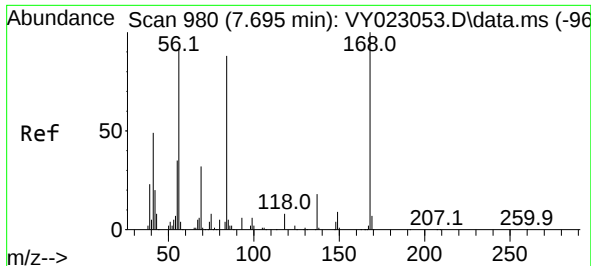
Tgt Ion: 83 Resp: 196743

Ion Ratio Lower Upper

83 100

85 65.0 53.8 80.8

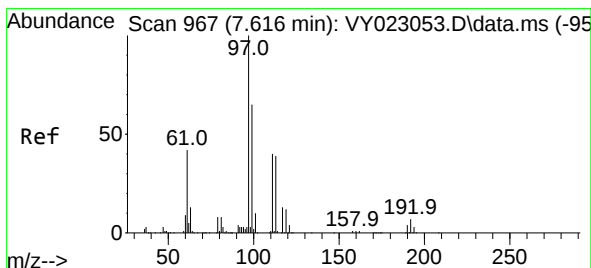
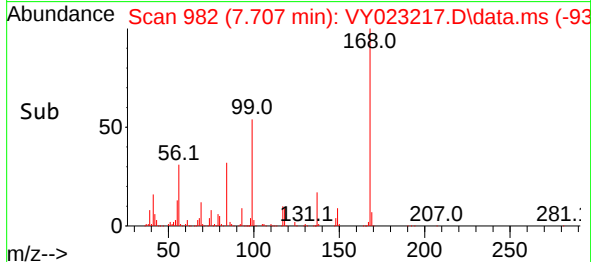
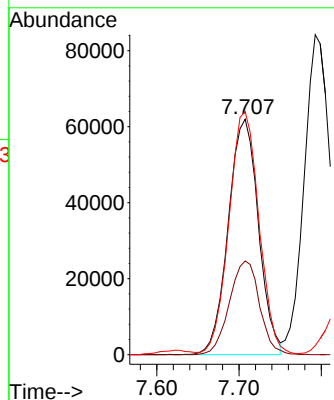
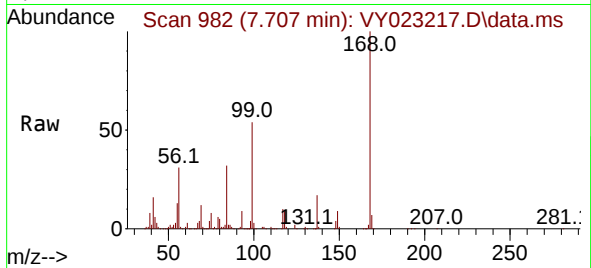




#31
Cyclohexane
Concen: 18.616 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

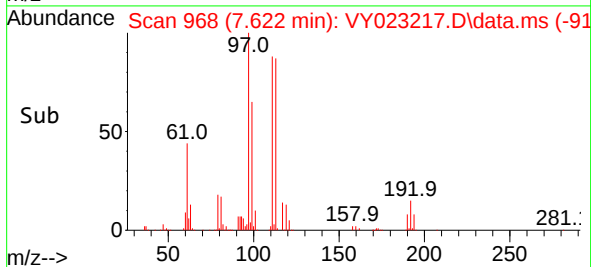
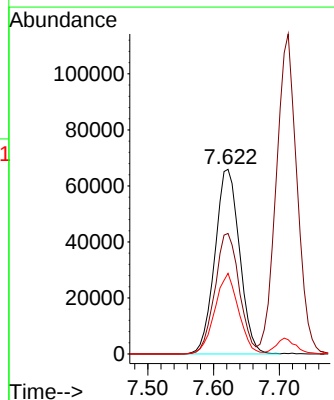
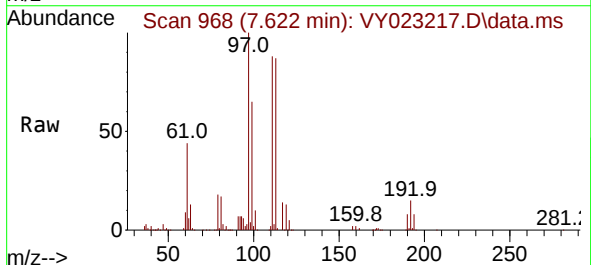
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

Tgt Ion: 56 Resp: 158599
Ion Ratio Lower Upper
56 100
69 39.8 28.2 42.2
84 101.3 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 20.779 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 97 Resp: 171906
Ion Ratio Lower Upper
97 100
99 64.6 51.6 77.4
61 42.0 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 47.784 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

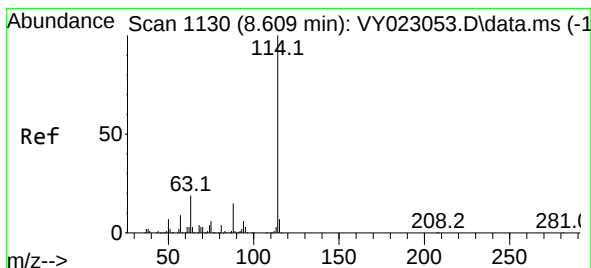
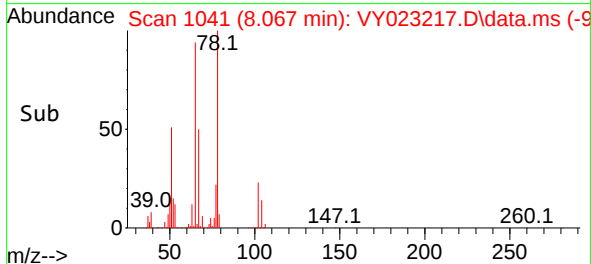
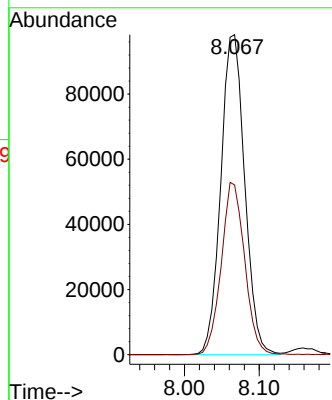
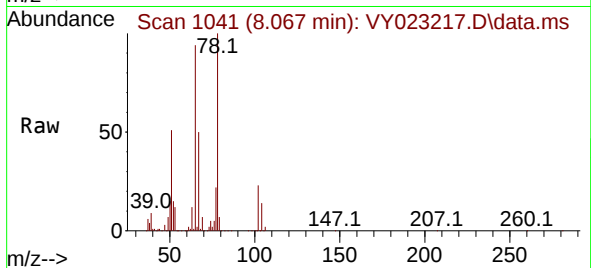
VY0828SBS01

Tgt Ion: 65 Resp: 218562

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

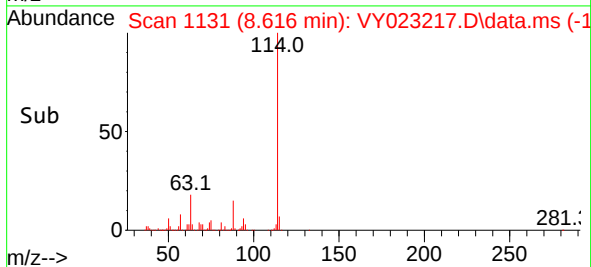
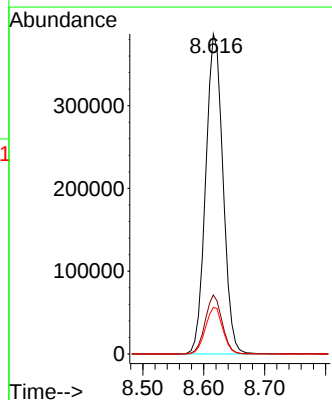
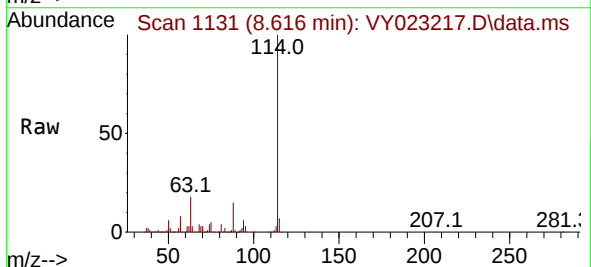
Tgt Ion: 114 Resp: 762688

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

88 14.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.649 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBSD01

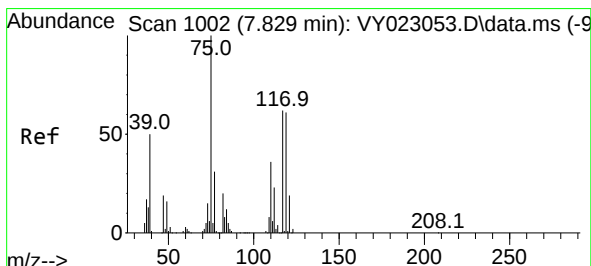
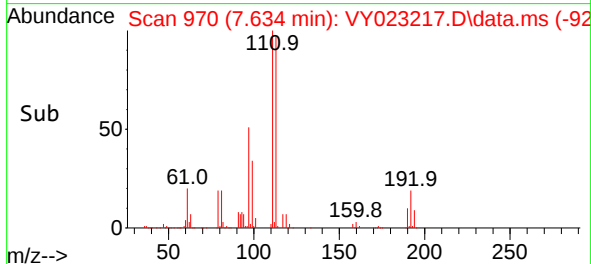
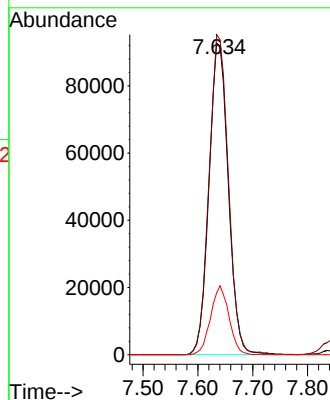
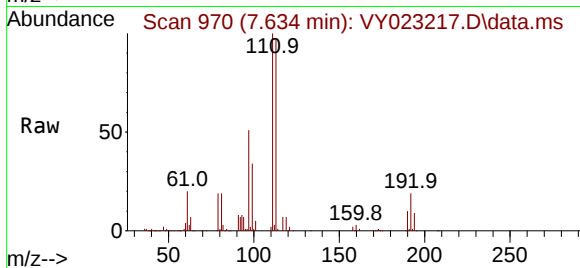
Tgt Ion:113 Resp: 226580

Ion Ratio Lower Upper

113 100

111 102.7 81.1 121.7

192 21.0 16.2 24.4



#36

1,1-Dichloropropene

Concen: 20.062 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

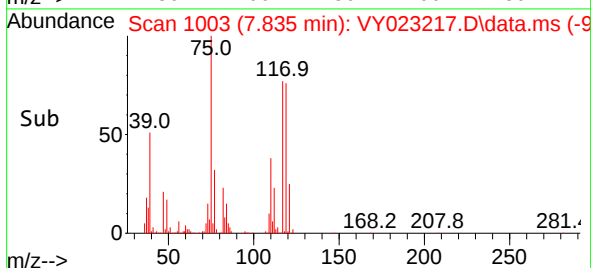
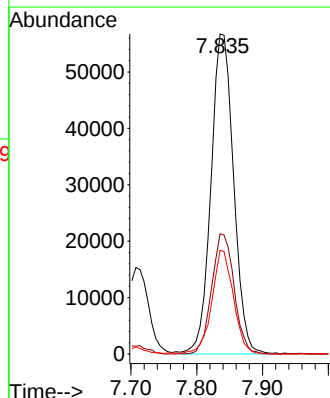
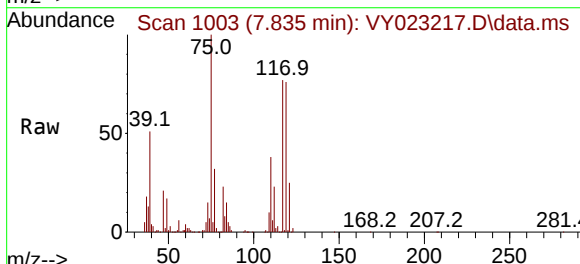
Tgt Ion: 75 Resp: 136067

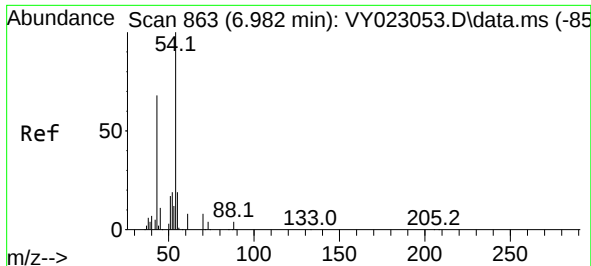
Ion Ratio Lower Upper

75 100

110 37.3 18.1 54.4

77 30.9 24.6 37.0





#37

Ethyl Acetate

Concen: 21.177 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBS01

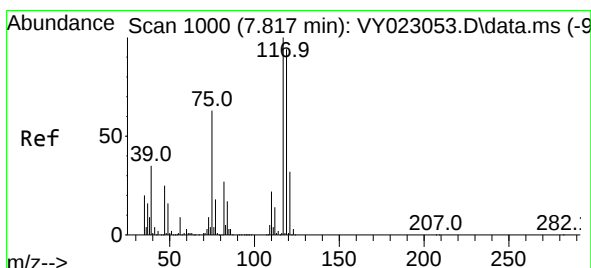
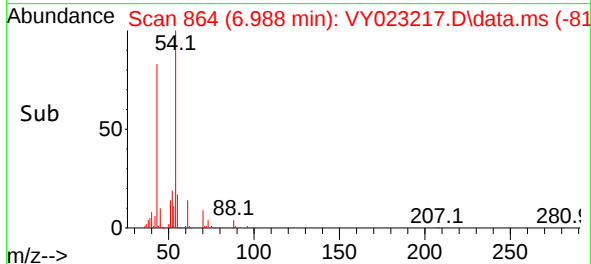
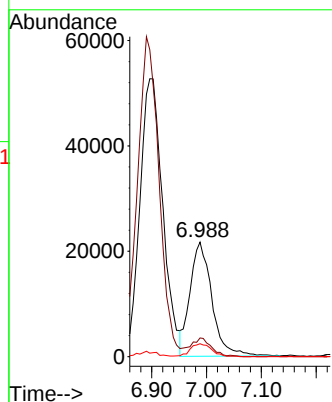
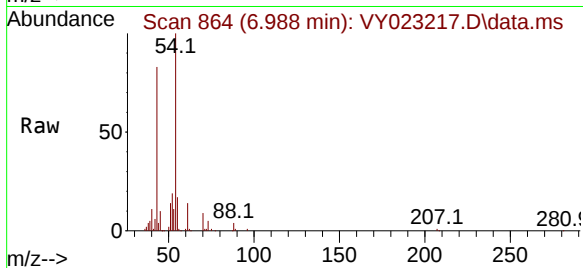
Tgt Ion: 43 Resp: 60335

Ion Ratio Lower Upper

43 100

61 15.4 11.9 17.9

70 11.1 8.8 13.2



#38

Carbon Tetrachloride

Concen: 20.748 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

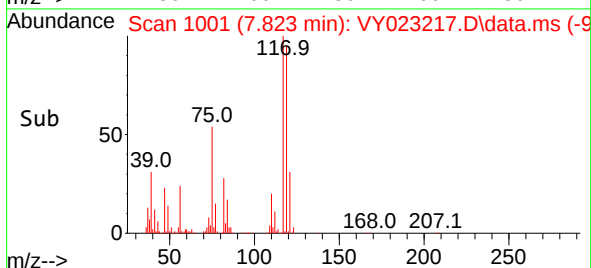
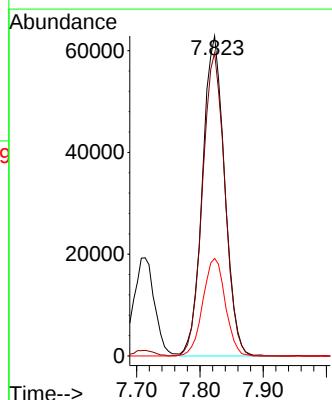
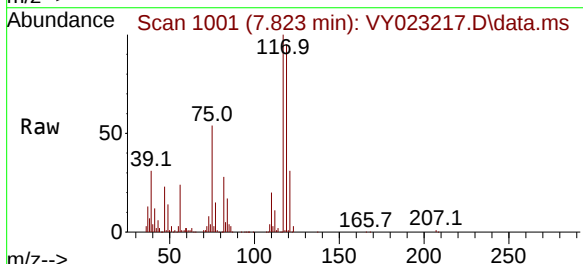
Tgt Ion: 117 Resp: 152840

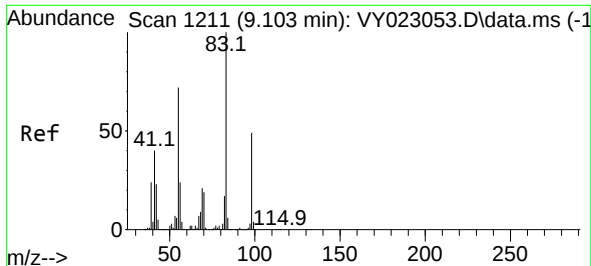
Ion Ratio Lower Upper

117 100

119 94.7 75.6 113.4

121 30.5 25.8 38.8





#39

Methylcyclohexane

Concen: 19.140 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBS01

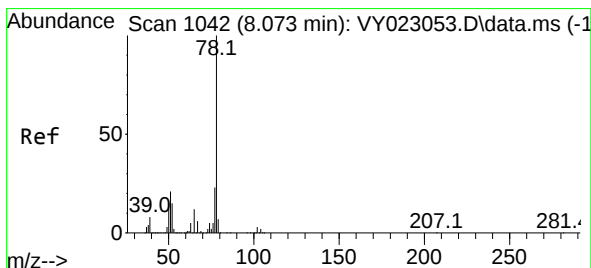
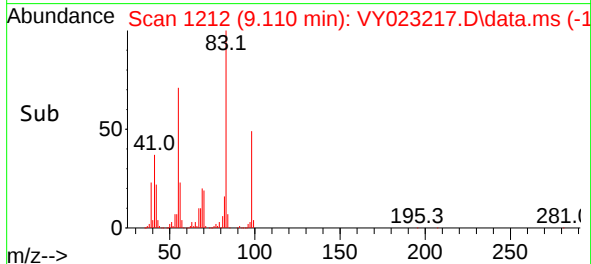
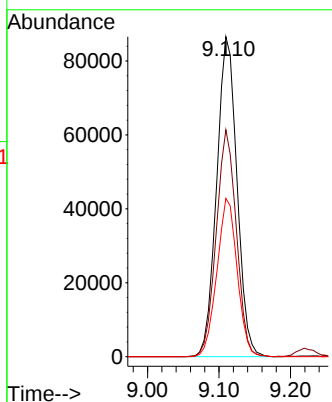
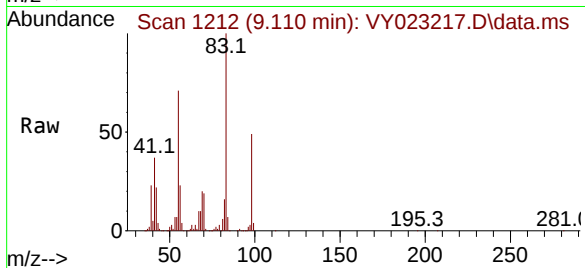
Tgt Ion: 83 Resp: 170945

Ion Ratio Lower Upper

83 100

55 70.9 57.6 86.4

98 49.4 39.2 58.8



#40

Benzene

Concen: 20.858 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY023217.D

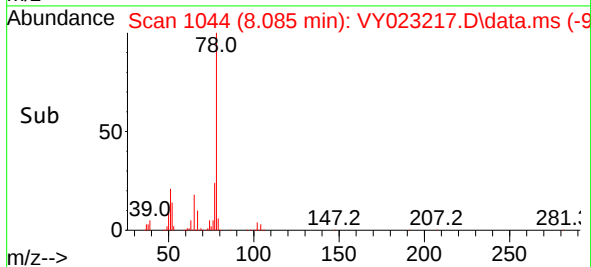
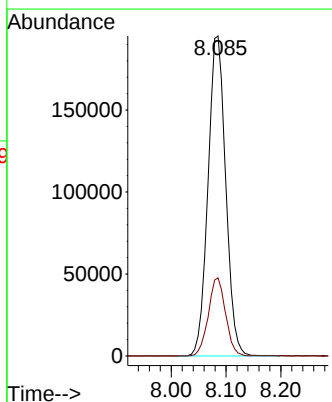
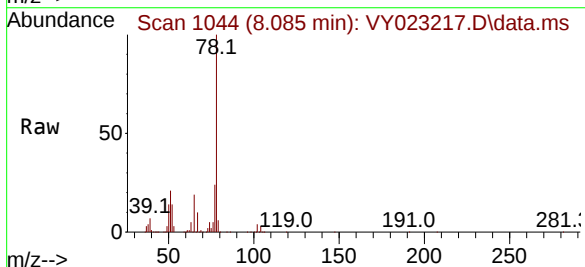
Acq: 28 Aug 2025 11:20

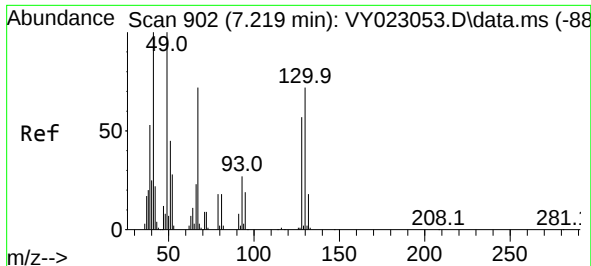
Tgt Ion: 78 Resp: 436012

Ion Ratio Lower Upper

78 100

77 24.4 18.6 28.0

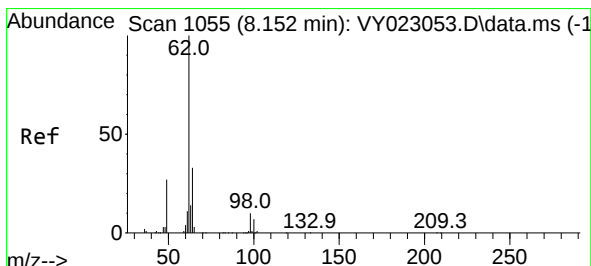
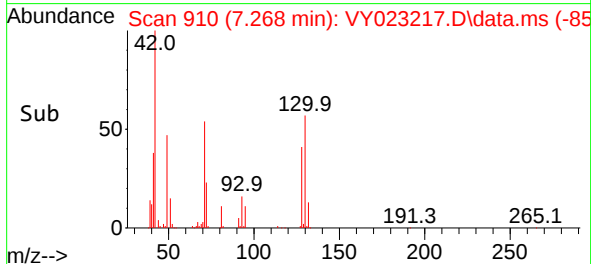
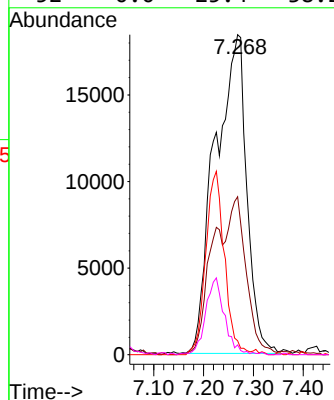
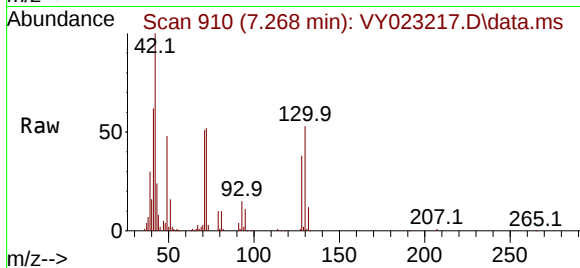




#41
Methacrylonitrile
Concen: 49.287 ug/l
RT: 7.268 min Scan# 91
Delta R.T. 0.049 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

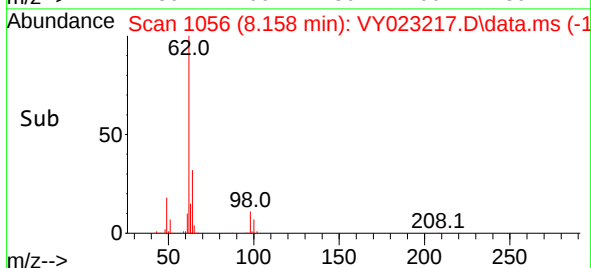
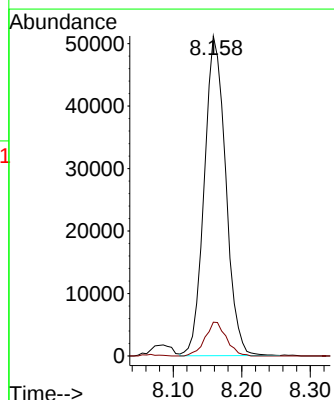
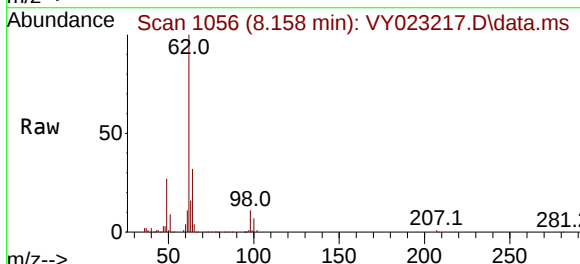
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

Tgt Ion: 41 Resp: 81040
Ion Ratio Lower Upper
41 100
39 26.9 43.4 65.2#
67 0.0 63.6 95.4#
52 0.0 25.4 38.2#



#42
1,2-Dichloroethane
Concen: 20.509 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 62 Resp: 111502
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.6

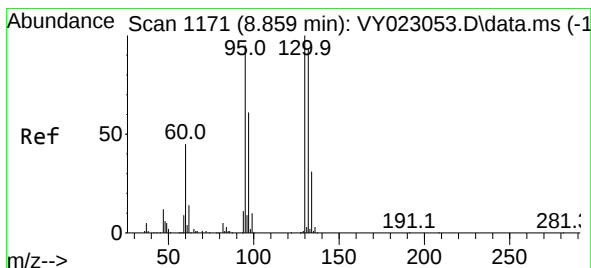
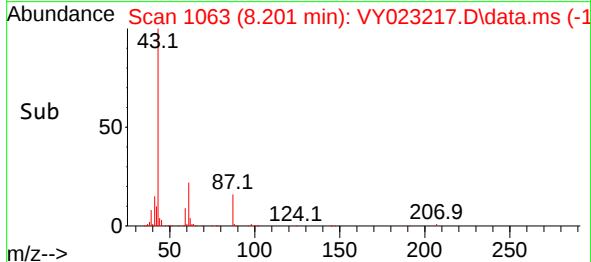
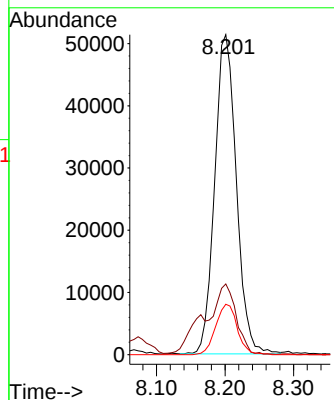
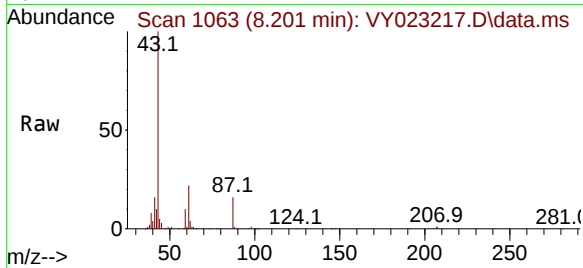




#43
Isopropyl Acetate
Concen: 19.515 ug/l
RT: 8.201 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

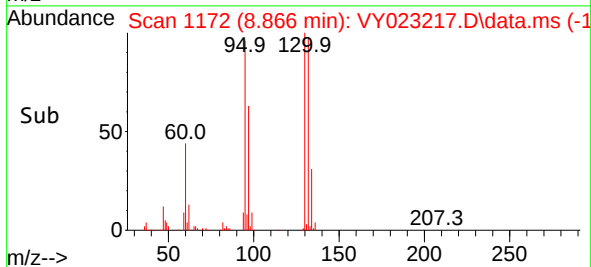
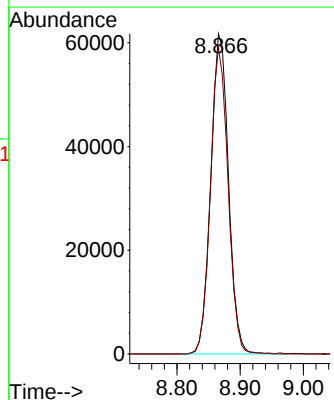
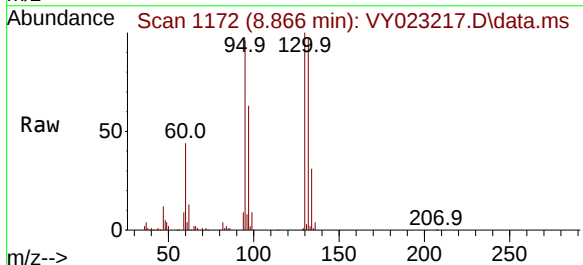
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

Tgt Ion: 43 Resp: 112377
Ion Ratio Lower Upper
43 100
61 20.9 16.4 24.6
87 15.8 11.8 17.6



#44
Trichloroethene
Concen: 22.222 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion:130 Resp: 120044
Ion Ratio Lower Upper
130 100
95 95.7 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.764 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

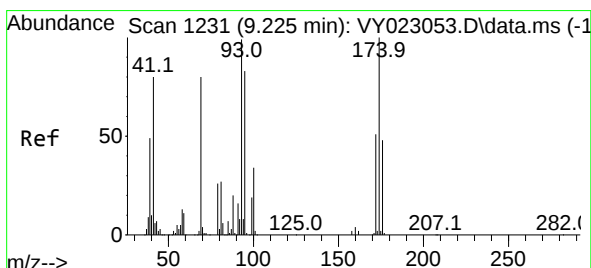
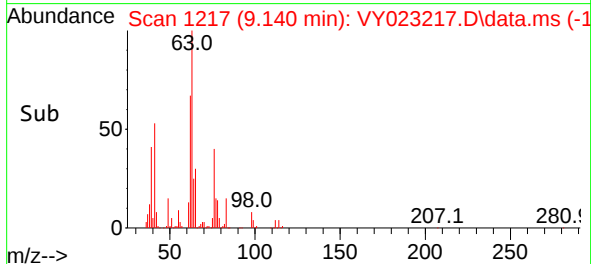
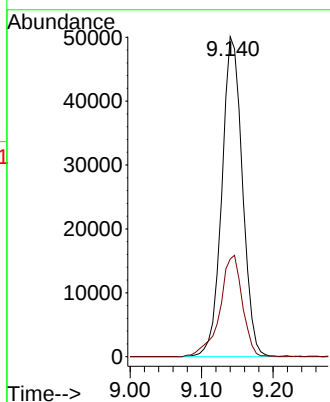
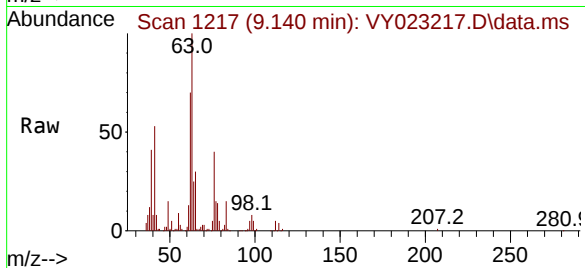
VY0828SBS01

Tgt Ion: 63 Resp: 99870

Ion Ratio Lower Upper

63 100

65 30.5 25.3 37.9



#46

Dibromomethane

Concen: 21.489 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

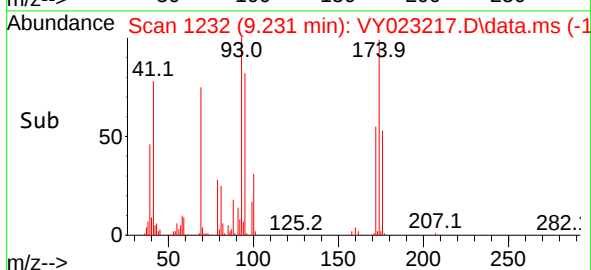
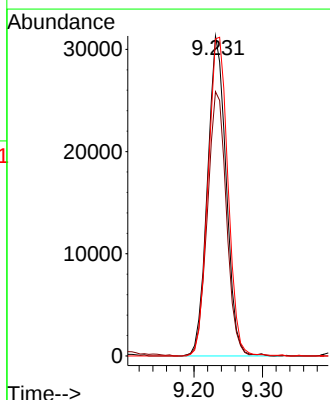
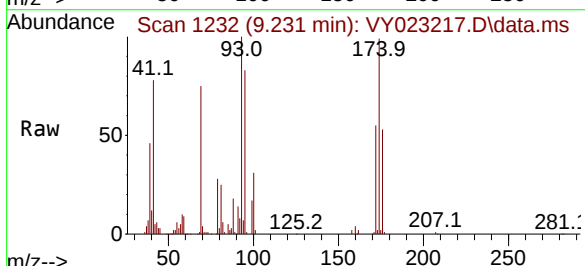
Tgt Ion: 93 Resp: 59323

Ion Ratio Lower Upper

93 100

95 83.8 66.5 99.7

174 105.5 81.8 122.8

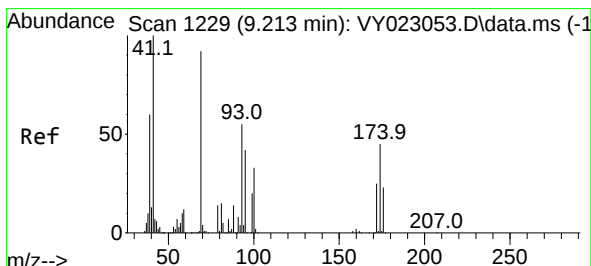
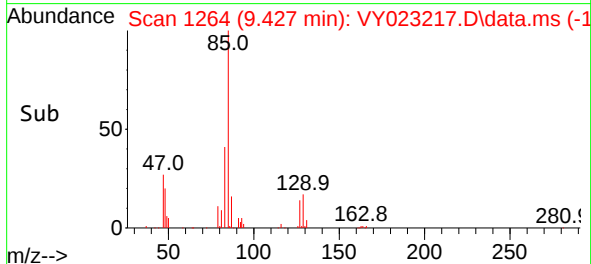
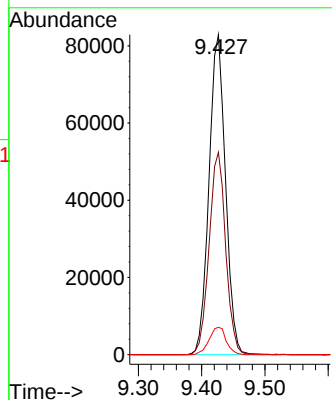
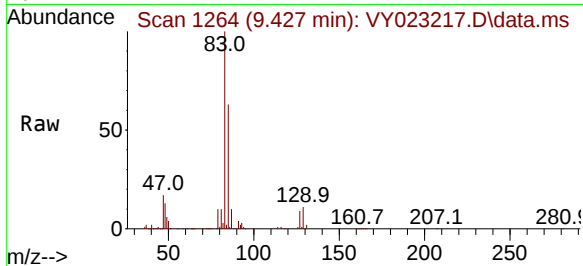




#47
Bromodichloromethane
Concen: 21.184 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

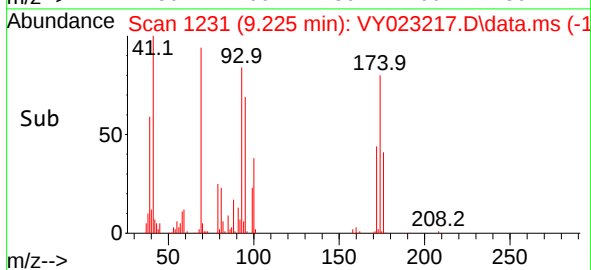
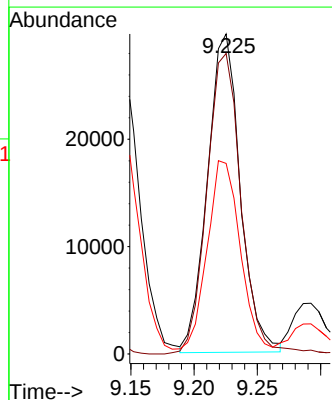
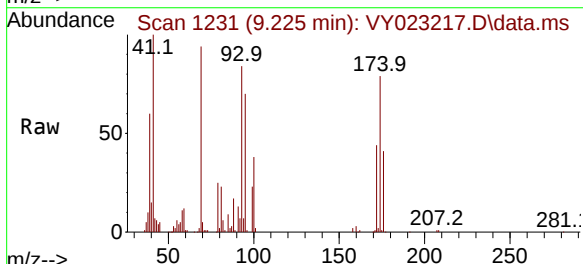
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

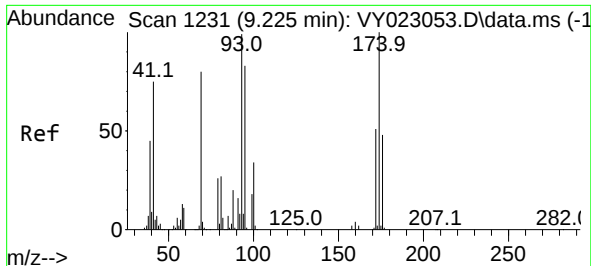
Tgt Ion: 83 Resp: 150480
Ion Ratio Lower Upper
83 100
85 63.2 50.2 75.4
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 19.436 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 41 Resp: 53557
Ion Ratio Lower Upper
41 100
69 98.3 73.2 109.8
39 59.0 47.0 70.4

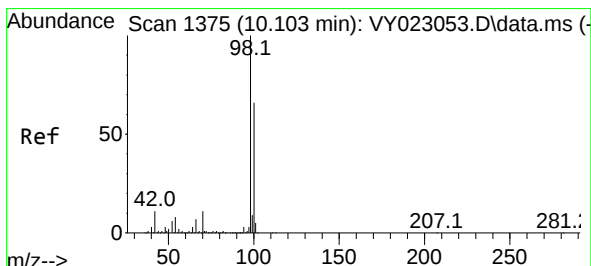
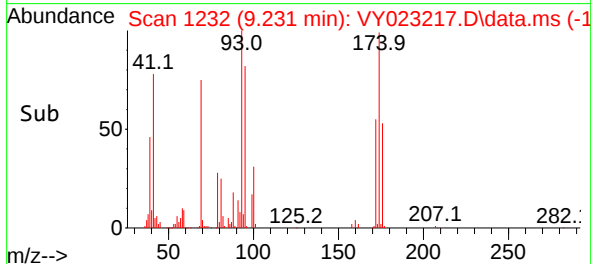
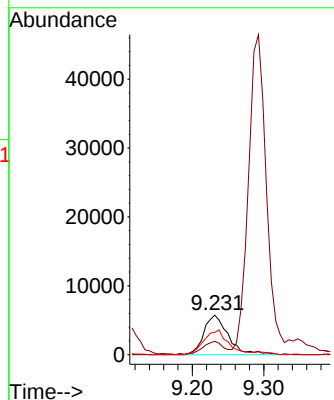
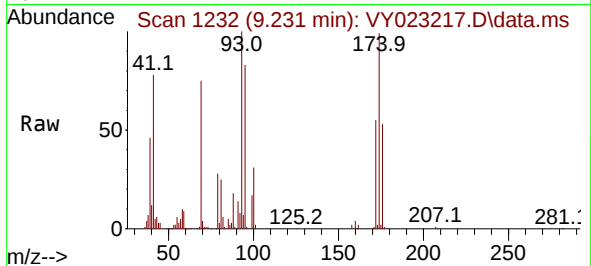




#49
1,4-Dioxane
Concen: 419.590 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

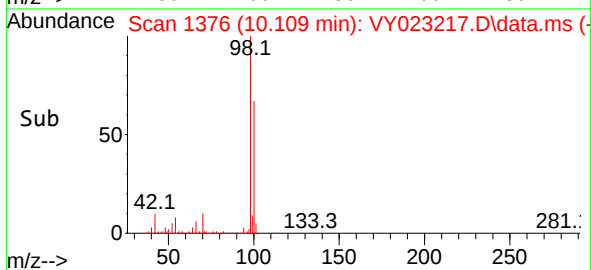
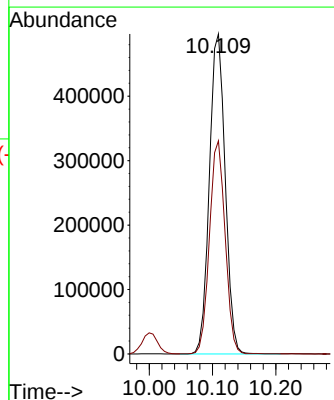
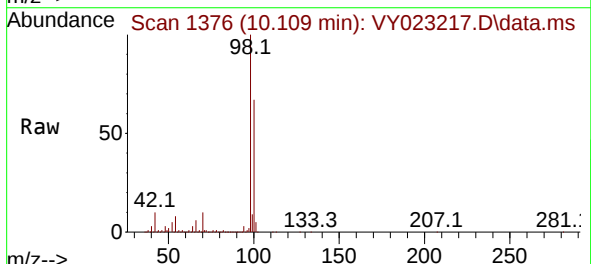
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBSD01

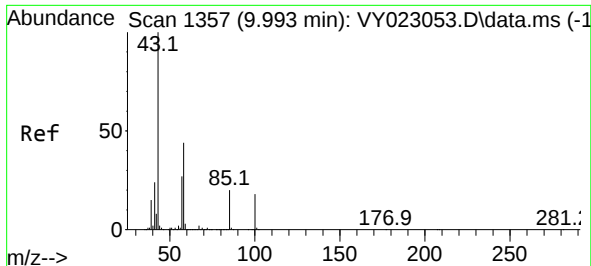
Tgt Ion: 88 Resp: 13582
Ion Ratio Lower Upper
88 100
43 28.8 24.3 36.5
58 61.3 55.4 83.0



#50
Toluene-d8
Concen: 48.401 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 98 Resp: 862905
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 99.066 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

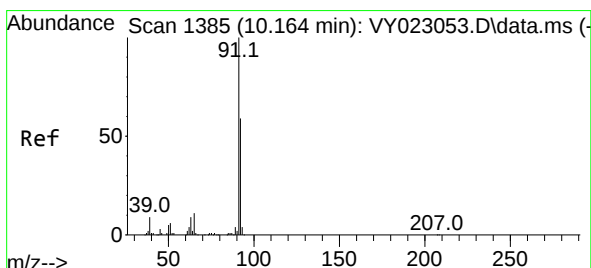
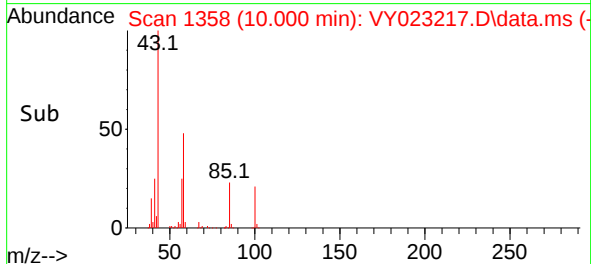
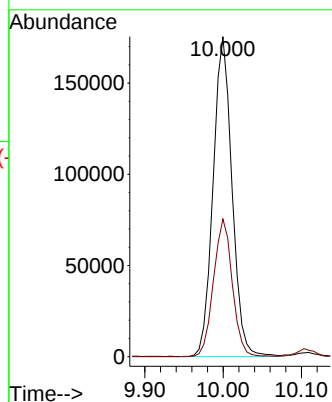
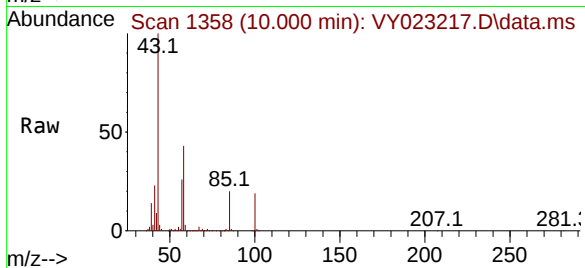
VY0828SBS01

Tgt Ion: 43 Resp: 294258

Ion Ratio Lower Upper

43 100

58 42.9 33.5 50.3



#52

Toluene

Concen: 20.835 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023217.D

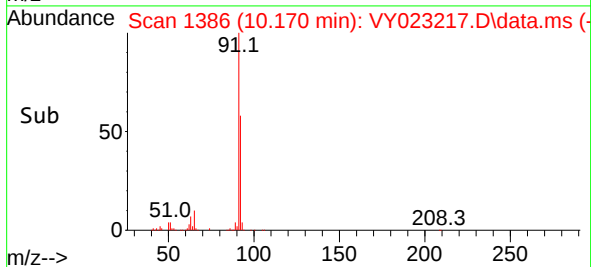
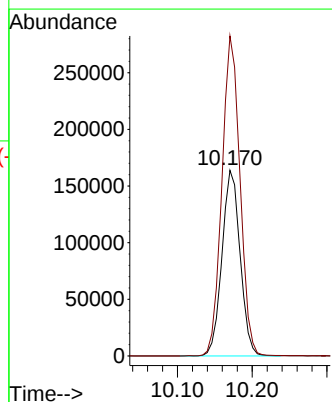
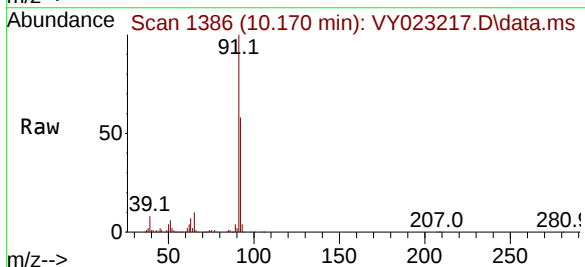
Acq: 28 Aug 2025 11:20

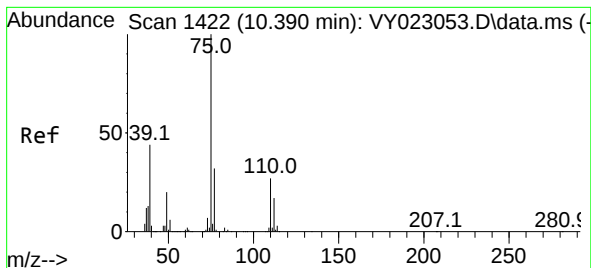
Tgt Ion: 92 Resp: 276617

Ion Ratio Lower Upper

92 100

91 172.1 136.4 204.6

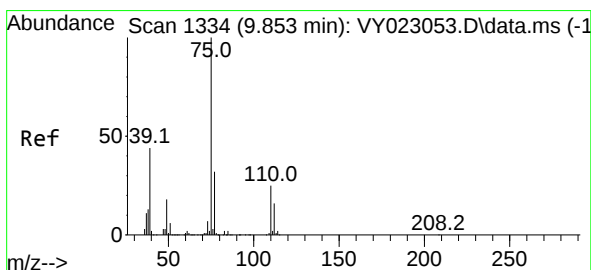
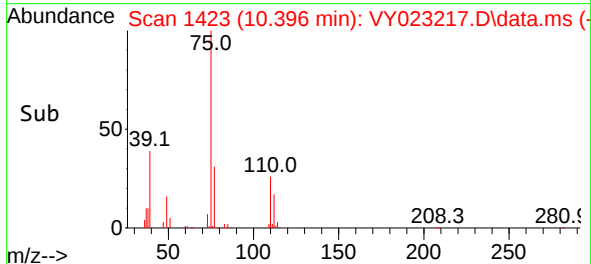
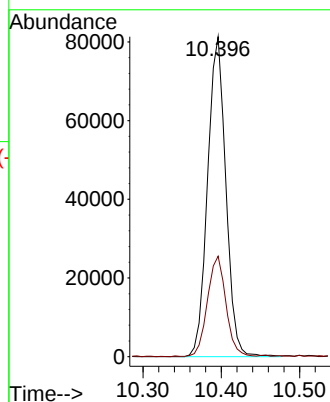
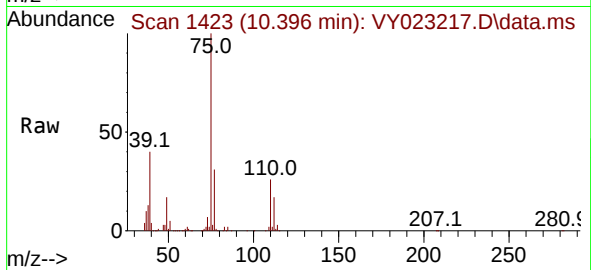




#53
t-1,3-Dichloropropene
Concen: 20.437 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

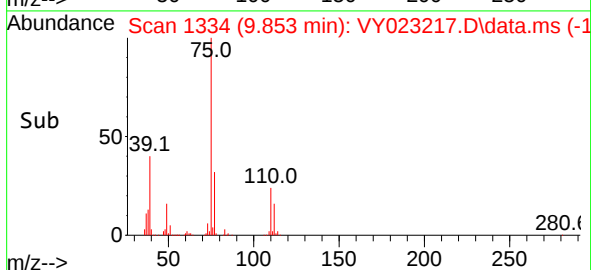
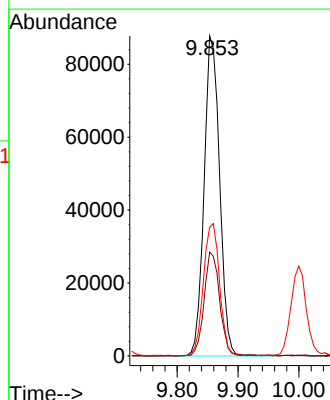
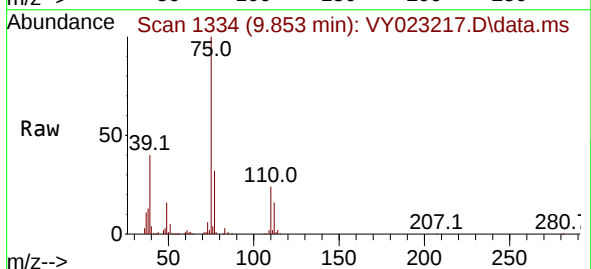
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

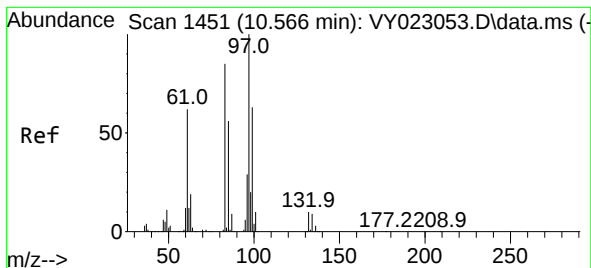
Tgt Ion: 75 Resp: 131460
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 20.453 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 75 Resp: 155574
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
39 40.1 35.6 53.4

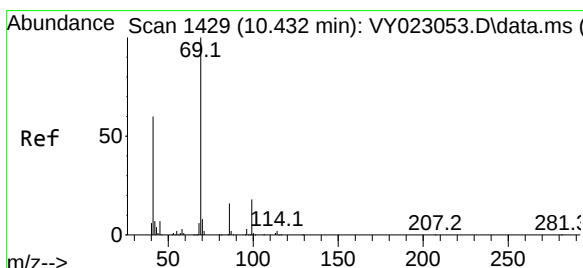
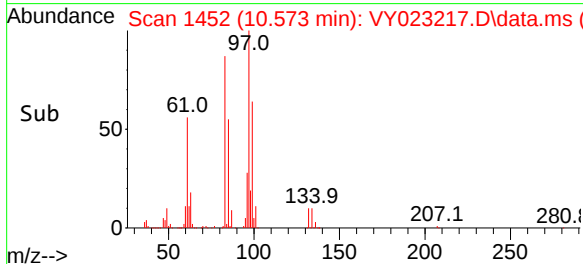
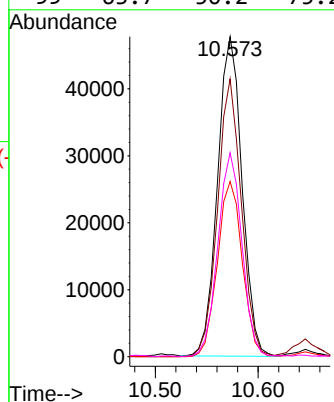
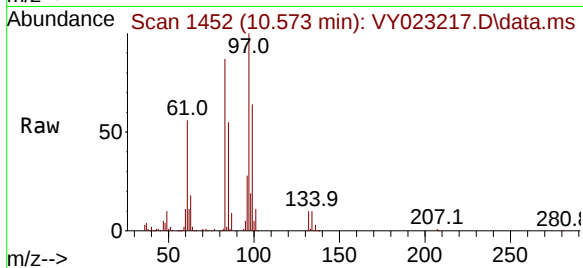




#55
1,1,2-Trichloroethane
Concen: 21.404 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

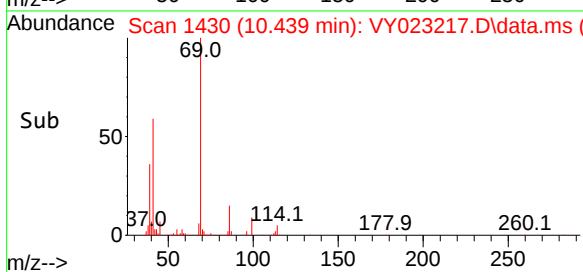
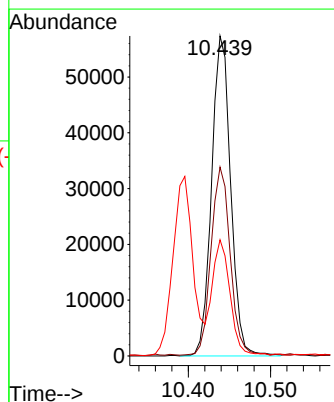
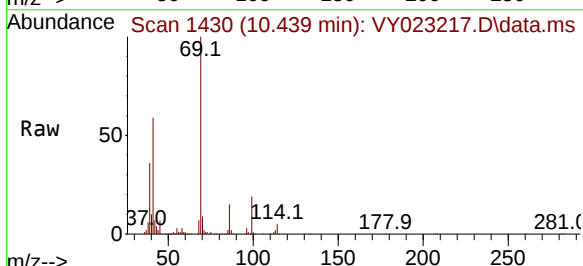
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

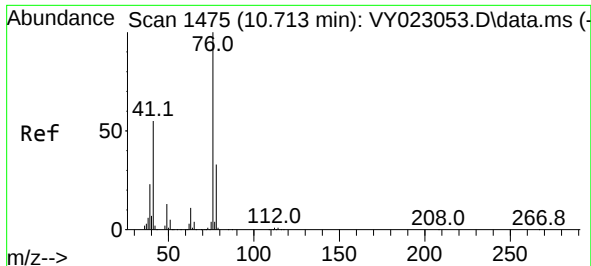
Tgt Ion: 97	Resp: 79066
Ion Ratio	Lower Upper
97 100	
83 87.0	67.7 101.5
85 54.9	44.5 66.7
99 63.7	50.2 75.2



#56
Ethyl methacrylate
Concen: 19.595 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 69	Resp: 92622
Ion Ratio	Lower Upper
69 100	
41 58.8	48.6 72.8
39 33.3	27.0 40.4





#57

1,3-Dichloropropane

Concen: 21.009 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

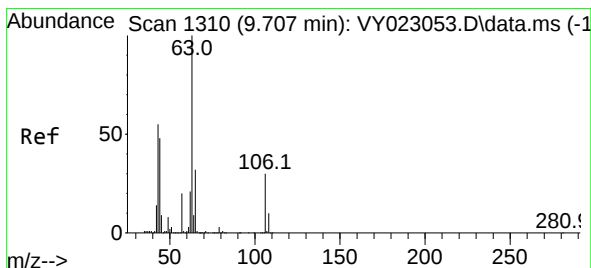
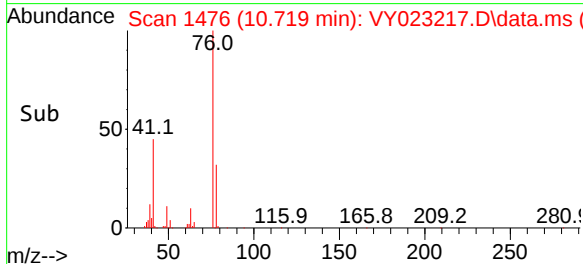
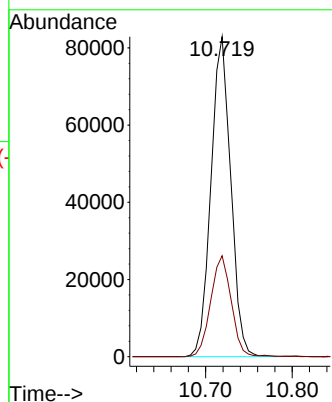
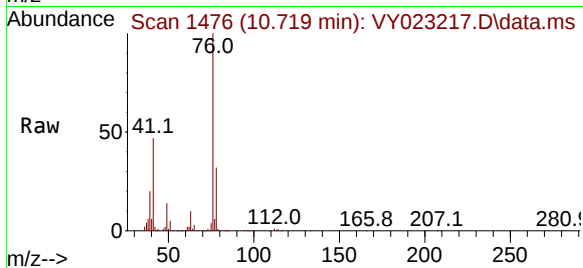
VY0828SBS01

Tgt Ion: 76 Resp: 131619

Ion Ratio Lower Upper

76 100

78 32.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 95.206 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023217.D

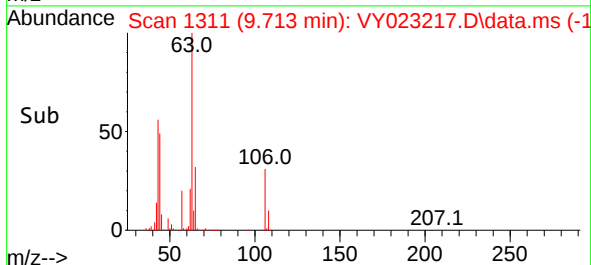
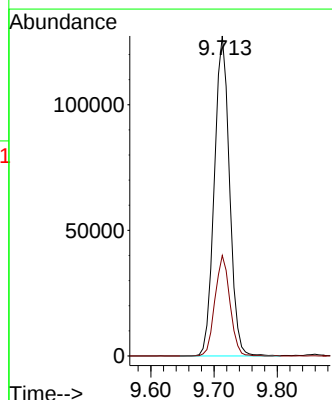
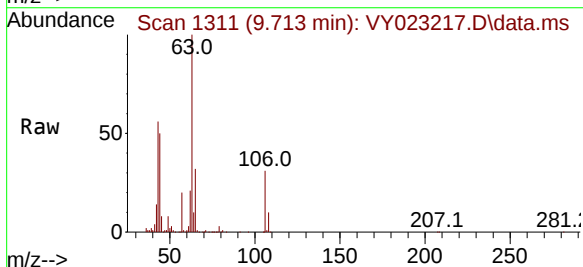
Acq: 28 Aug 2025 11:20

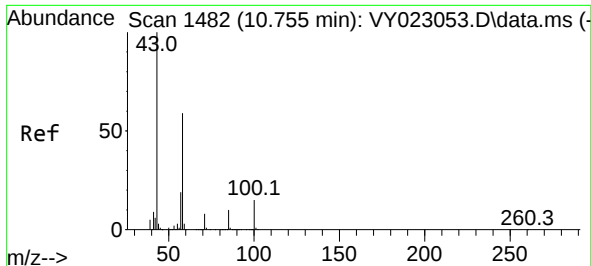
Tgt Ion: 63 Resp: 212280

Ion Ratio Lower Upper

63 100

106 30.8 23.2 34.8

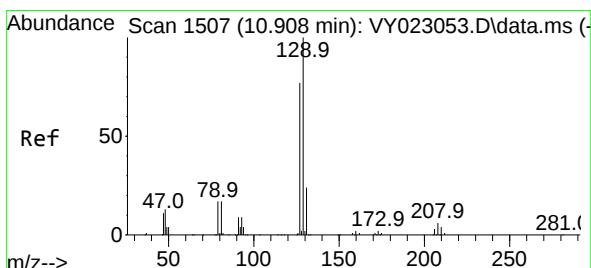
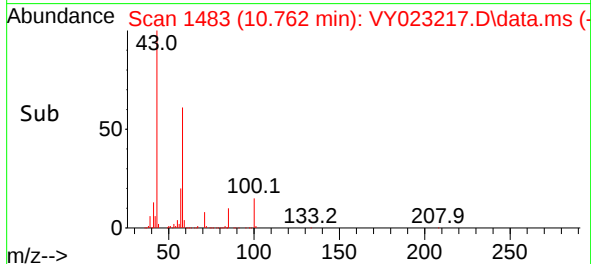
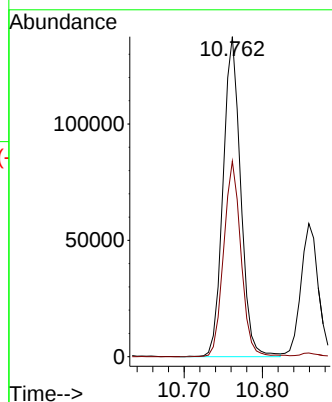
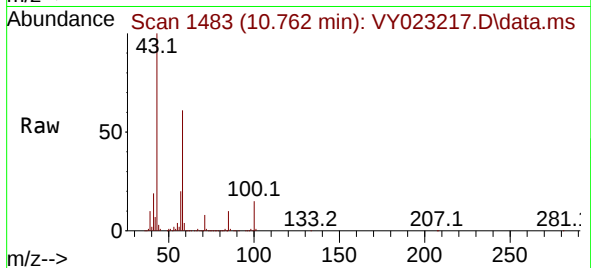




#59
2-Hexanone
Concen: 106.238 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

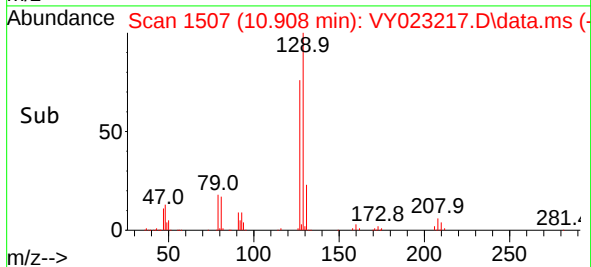
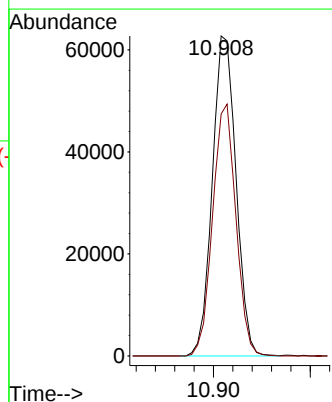
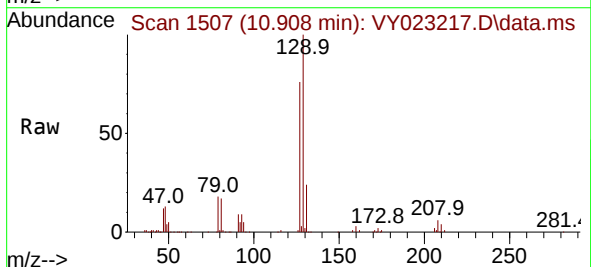
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

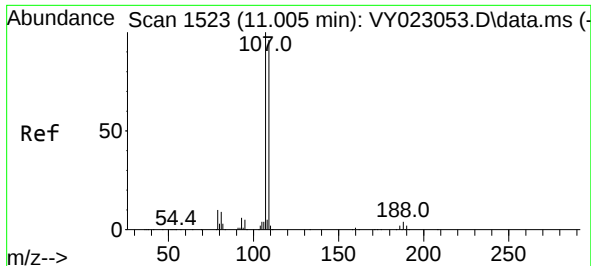
Tgt Ion: 43 Resp: 214877
Ion Ratio Lower Upper
43 100
58 60.3 29.5 88.5



#60
Dibromochloromethane
Concen: 21.915 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 129 Resp: 106819
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

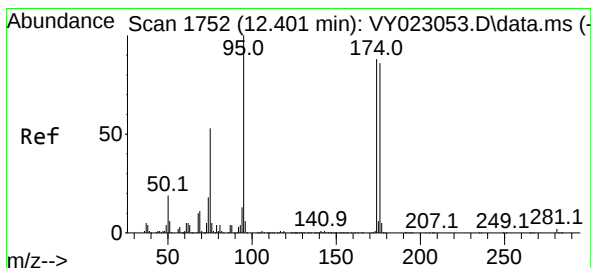
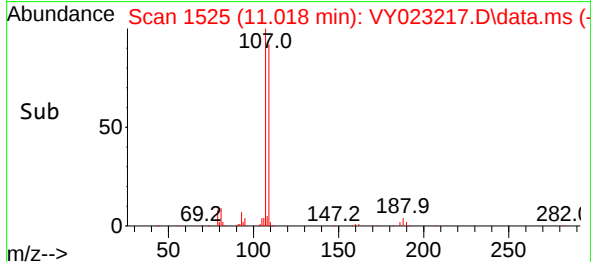
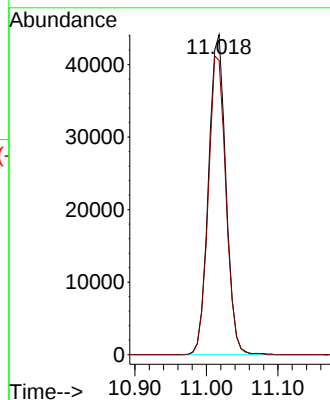
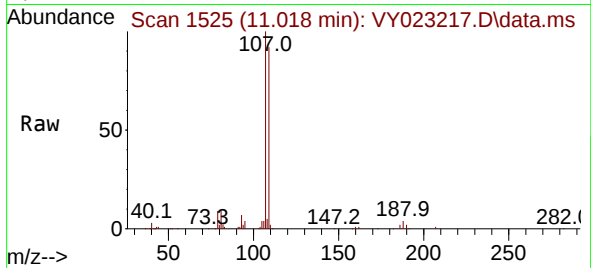




#61
1,2-Dibromoethane
Concen: 21.406 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

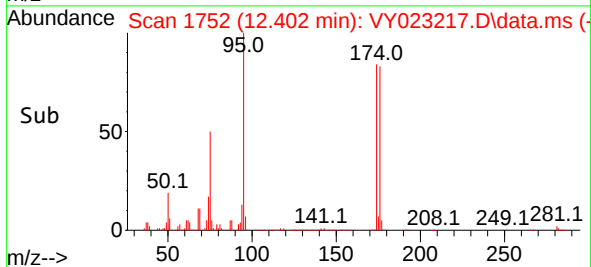
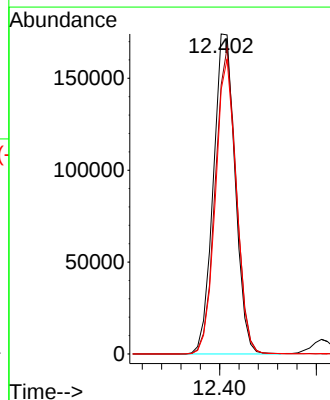
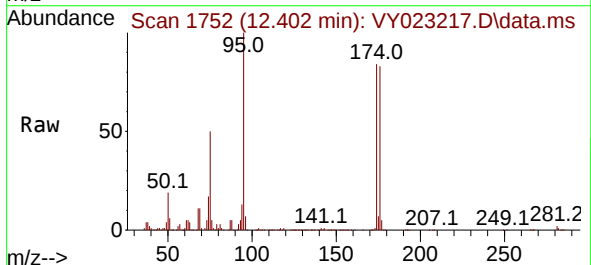
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

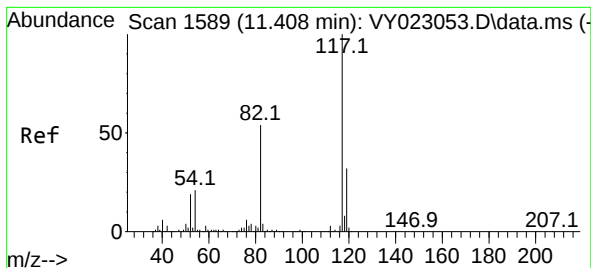
Tgt Ion:107 Resp: 74321
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.512 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 95 Resp: 272412
Ion Ratio Lower Upper
95 100
174 92.0 0.0 171.6
176 88.3 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBSD01

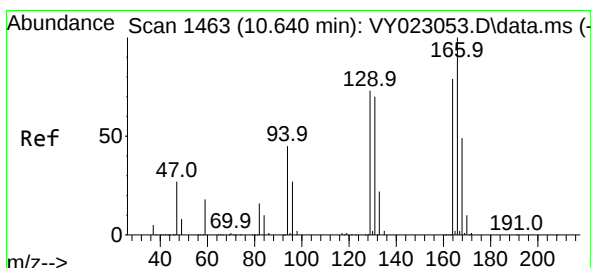
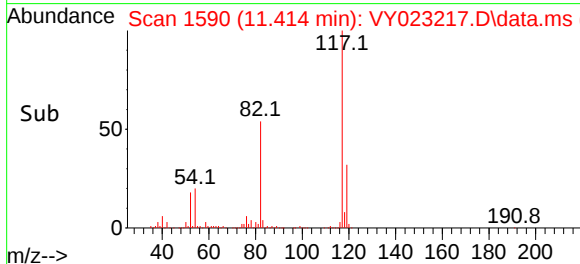
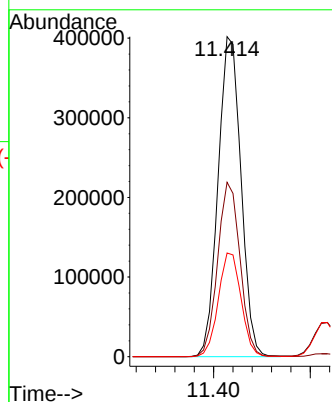
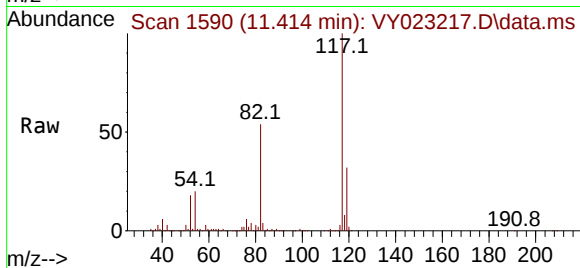
Tgt Ion:117 Resp: 660180

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 32.4 25.6 38.4



#64

Tetrachloroethene

Concen: 24.780 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Tgt Ion:164 Resp: 146079

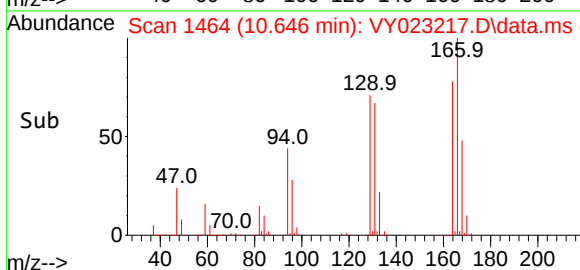
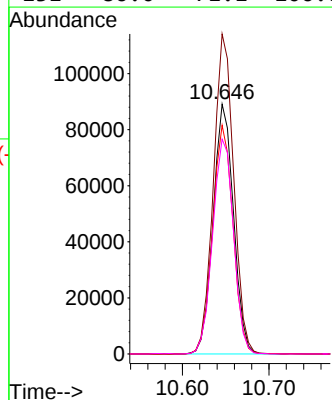
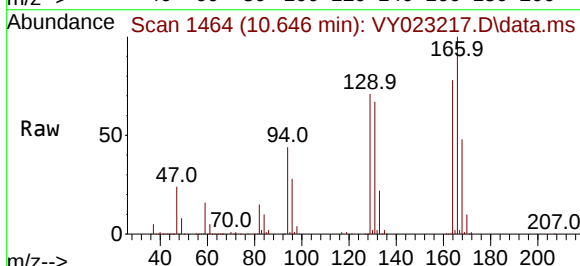
Ion Ratio Lower Upper

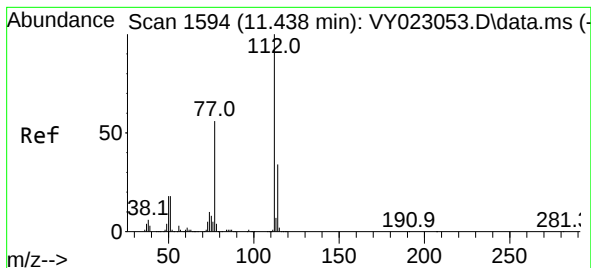
164 100

166 128.1 101.1 151.7

129 91.5 74.0 111.0

131 86.0 71.1 106.7





#65

Chlorobenzene

Concen: 21.580 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

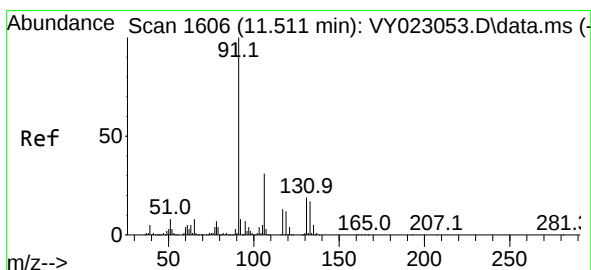
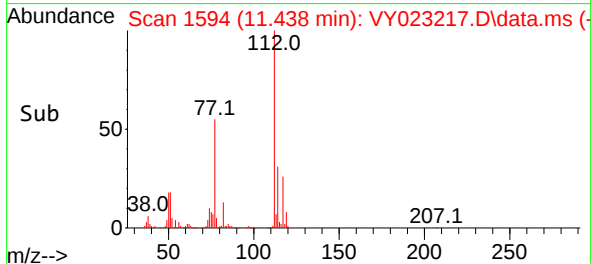
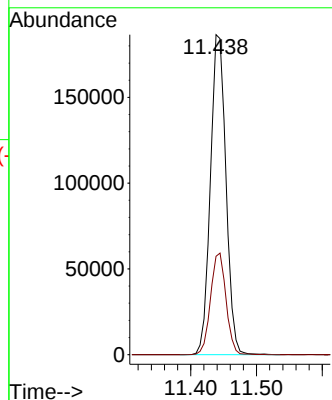
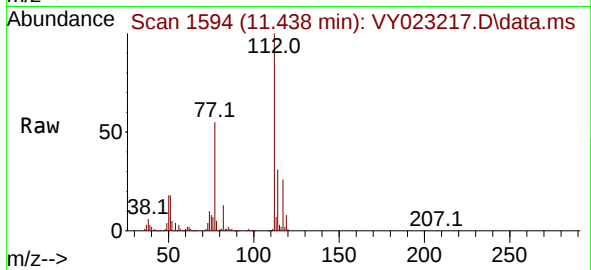
VY0828SBSD01

Tgt Ion:112 Resp: 307302

Ion Ratio Lower Upper

112 100

114 30.8 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 22.154 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

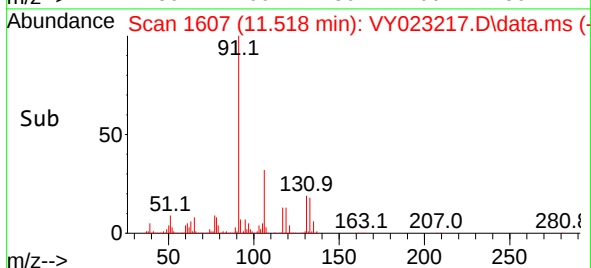
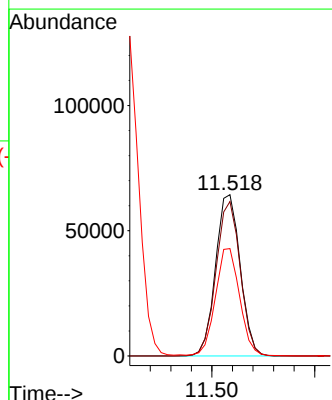
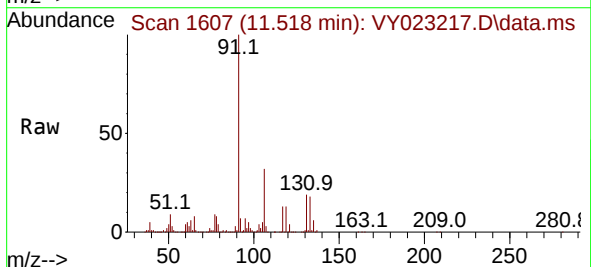
Tgt Ion:131 Resp: 107067

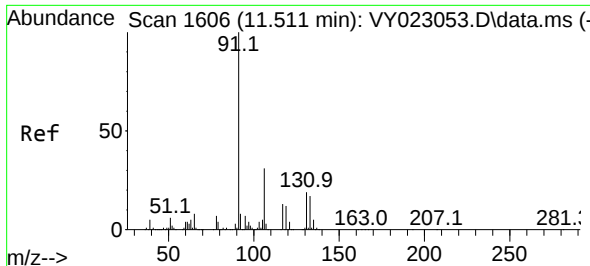
Ion Ratio Lower Upper

131 100

133 94.4 46.9 140.6

119 65.8 33.2 99.6





#67

Ethyl Benzene

Concen: 20.527 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

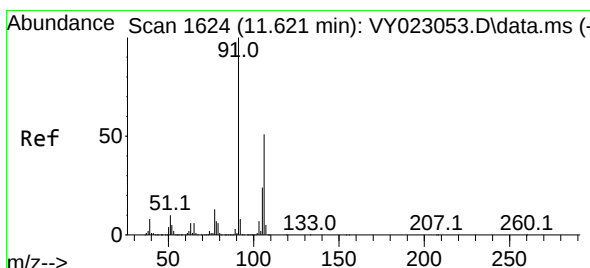
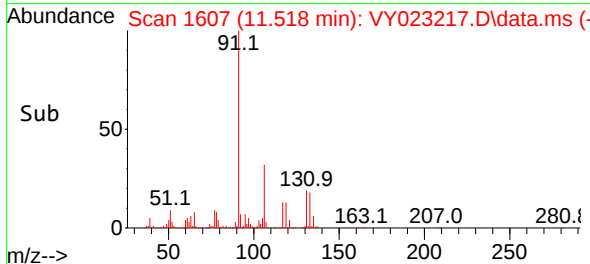
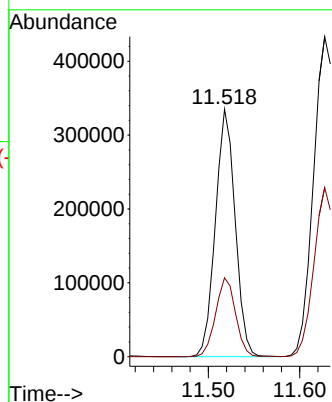
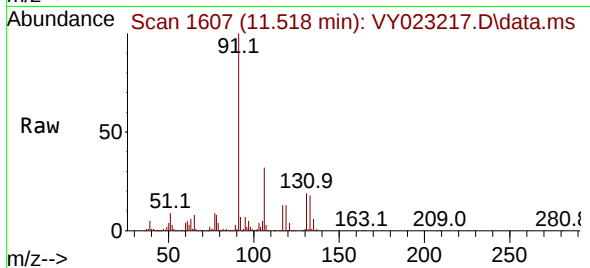
VY0828SBS01

Tgt Ion: 91 Resp: 503041

Ion Ratio Lower Upper

91 100

106 31.9 25.0 37.4



#68

m/p-Xylenes

Concen: 41.822 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023217.D

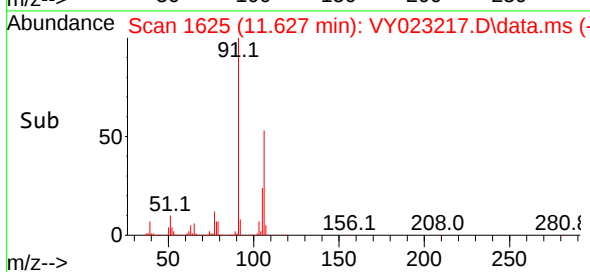
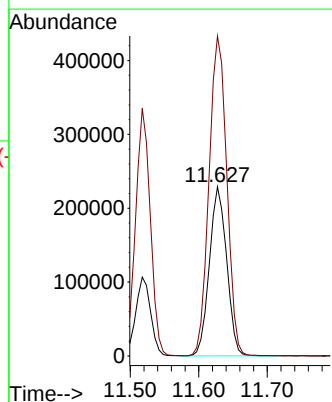
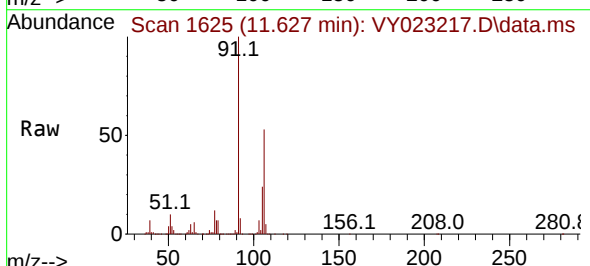
Acq: 28 Aug 2025 11:20

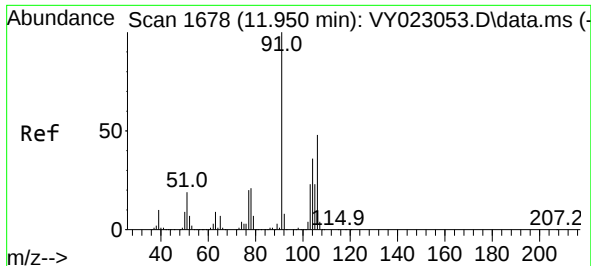
Tgt Ion:106 Resp: 400278

Ion Ratio Lower Upper

106 100

91 195.1 158.6 238.0

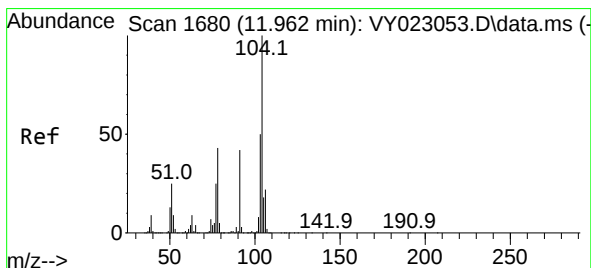
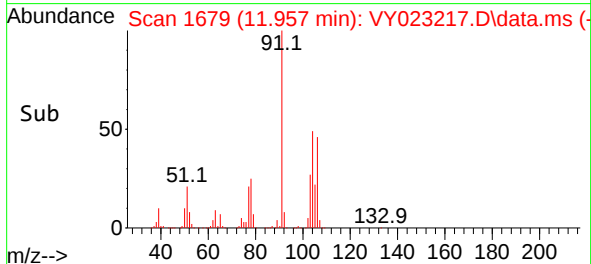
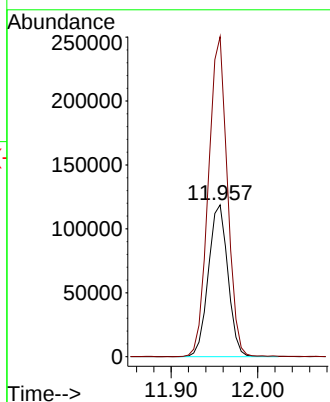
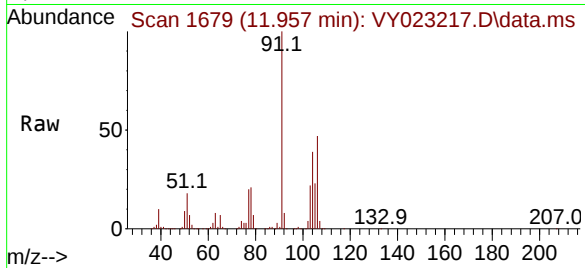




#69
o-Xylene
Concen: 20.726 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

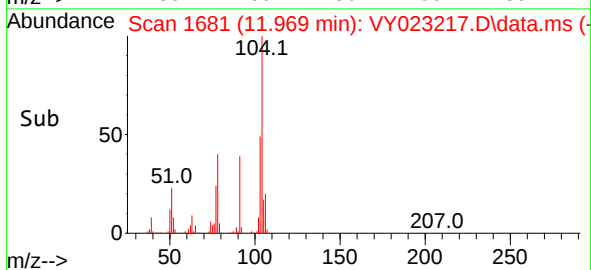
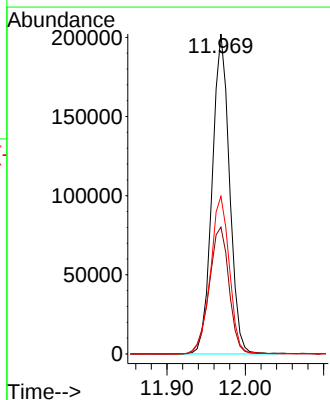
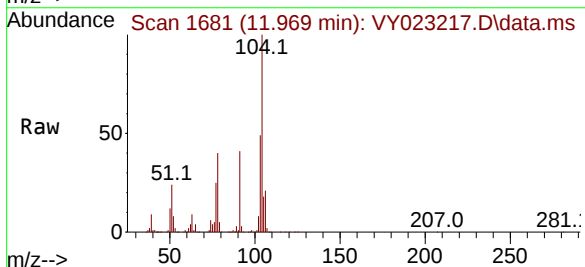
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

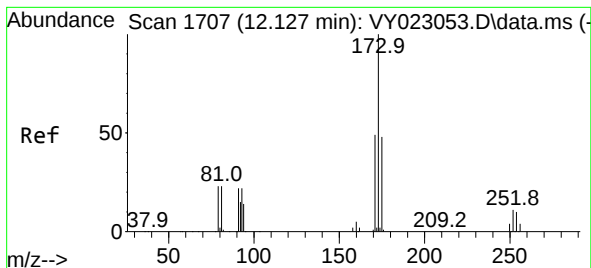
Tgt Ion:106 Resp: 185791
Ion Ratio Lower Upper
106 100
91 205.6 103.2 309.4



#70
Styrene
Concen: 21.240 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion:104 Resp: 311379
Ion Ratio Lower Upper
104 100
78 45.4 38.5 57.7
103 53.9 43.7 65.5





#71

Bromoform

Concen: 22.546 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBS01

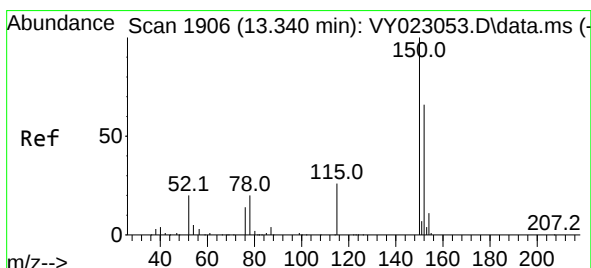
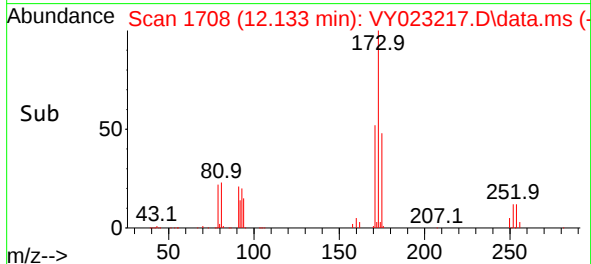
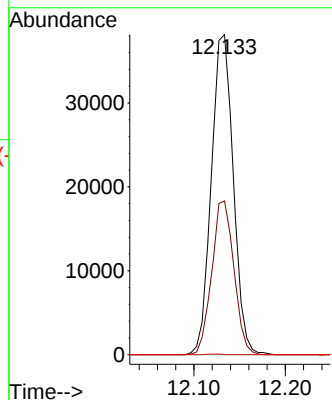
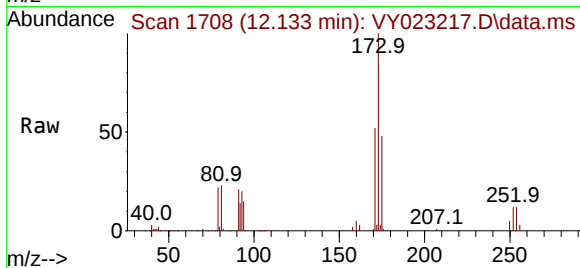
Tgt Ion:173 Resp: 63685

Ion Ratio Lower Upper

173 100

175 48.3 23.9 71.7

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. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

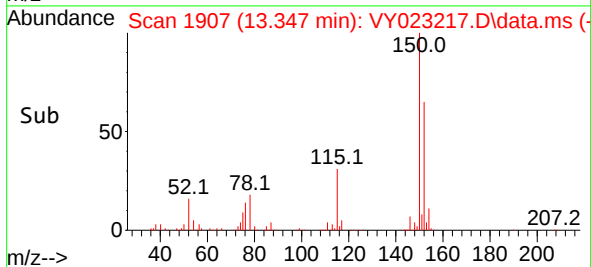
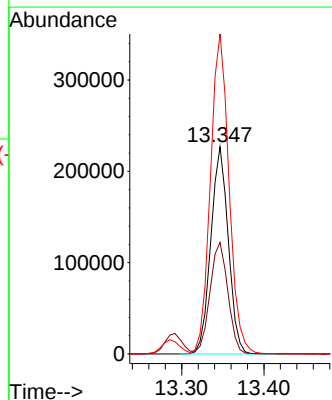
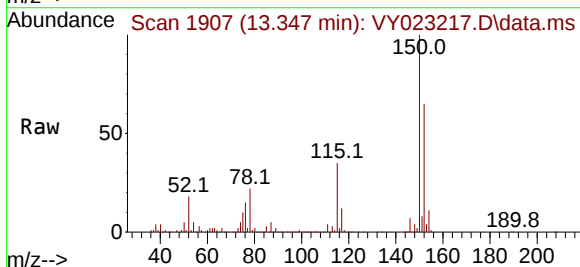
Tgt Ion:152 Resp: 335118

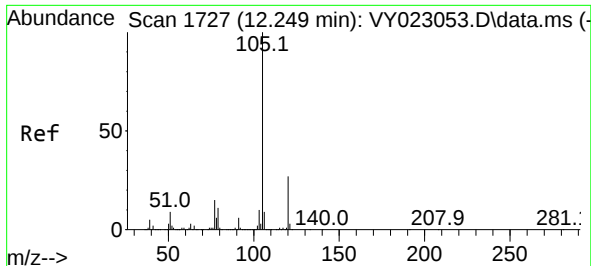
Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.6

150 164.2 0.0 348.0

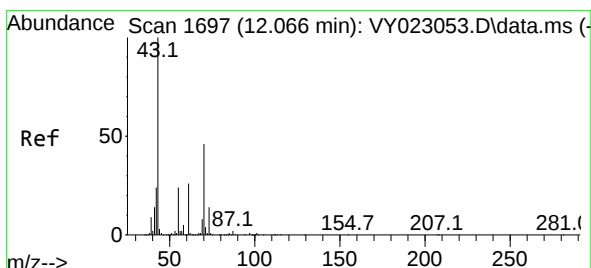
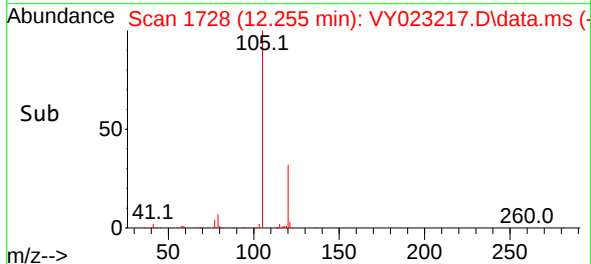
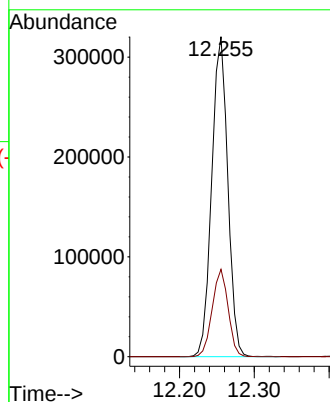
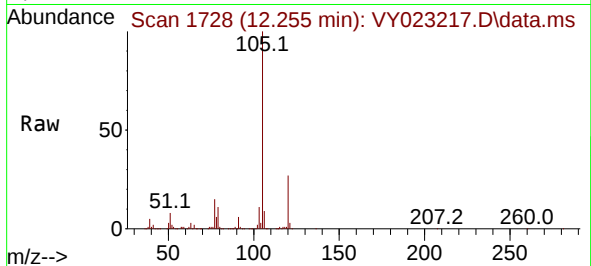




#73
Isopropylbenzene
Concen: 20.286 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

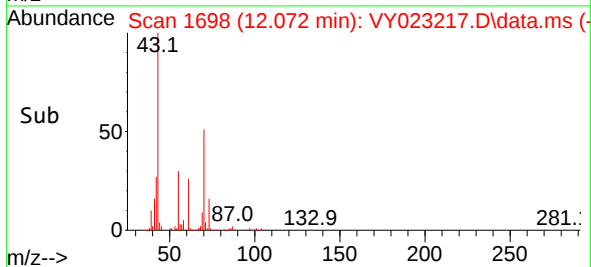
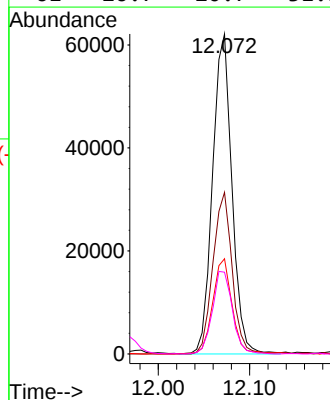
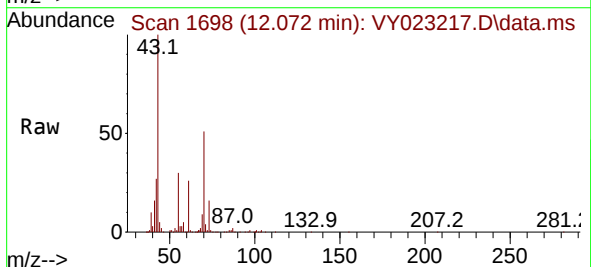
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

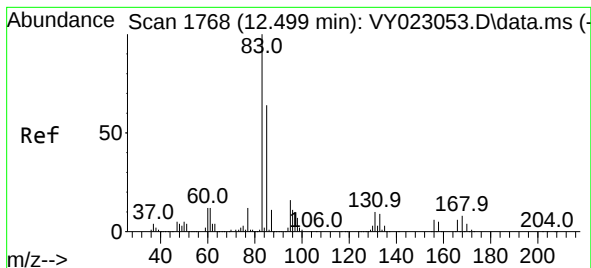
Tgt Ion:105 Resp: 479810
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 18.213 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 43 Resp: 91354
Ion Ratio Lower Upper
43 100
70 50.1 37.5 56.3
55 30.0 20.7 31.1
61 26.7 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.289 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBS01

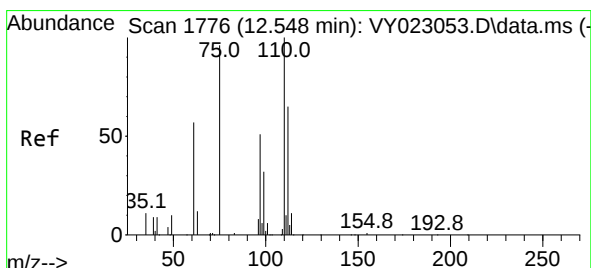
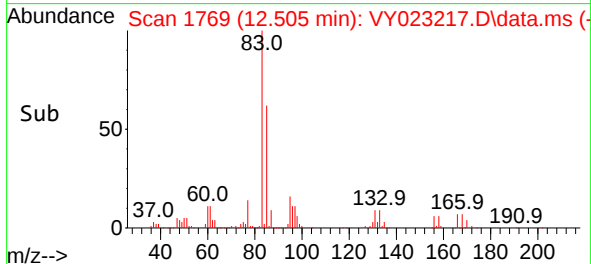
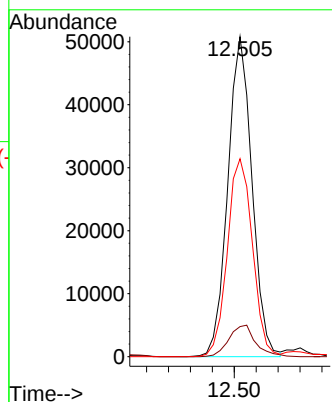
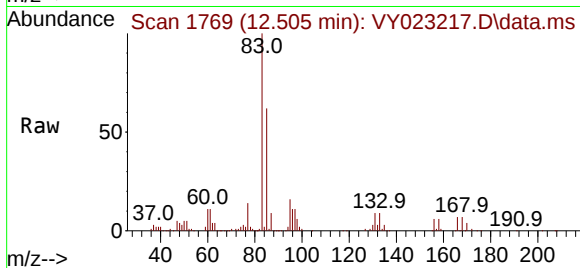
Tgt Ion: 83 Resp: 77898

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

85 64.2 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 34.583 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023217.D

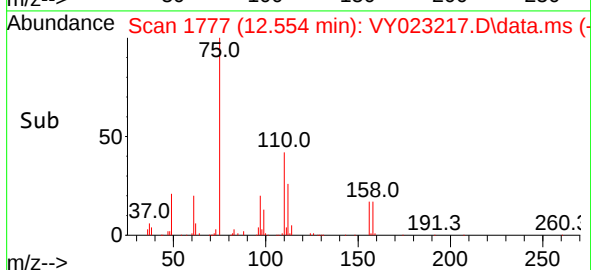
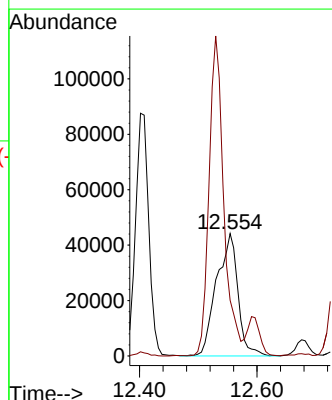
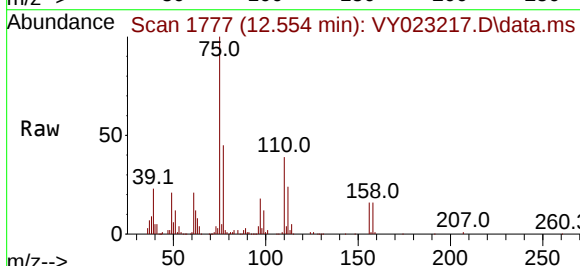
Acq: 28 Aug 2025 11:20

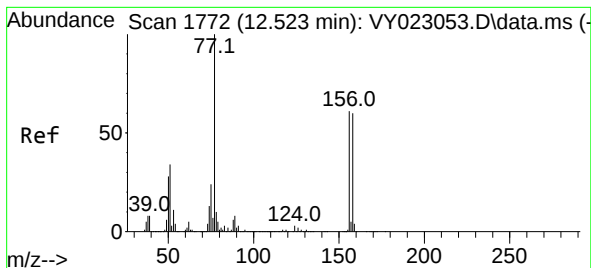
Tgt Ion: 75 Resp: 111851

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.471 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBS01

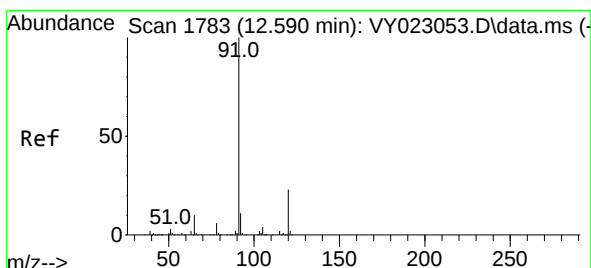
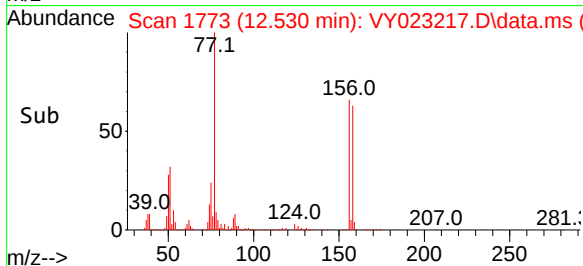
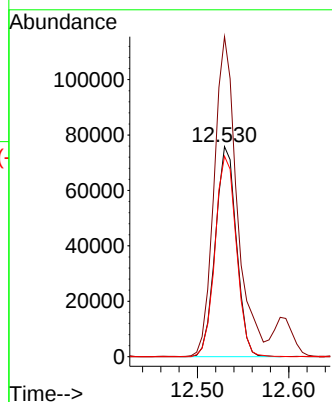
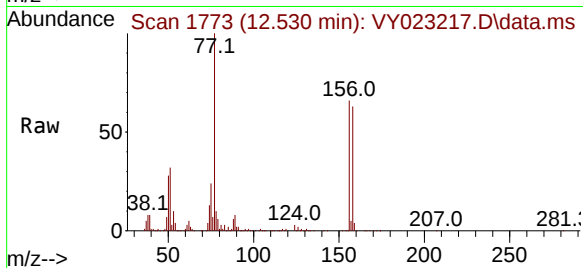
Tgt Ion:156 Resp: 121154

Ion Ratio Lower Upper

156 100

77 165.6 88.1 264.4

158 96.7 48.0 144.0



#78

n-propylbenzene

Concen: 20.332 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023217.D

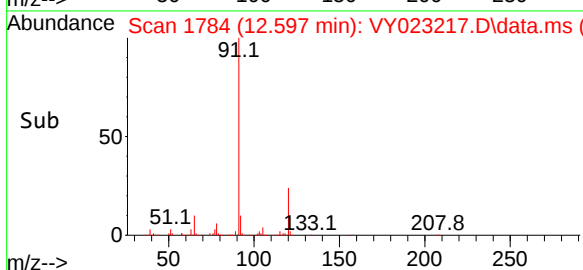
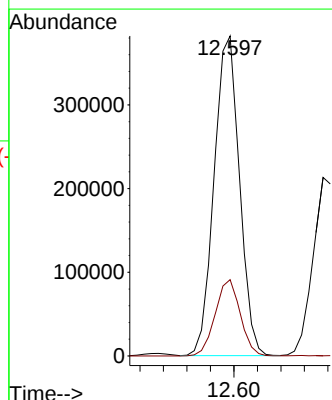
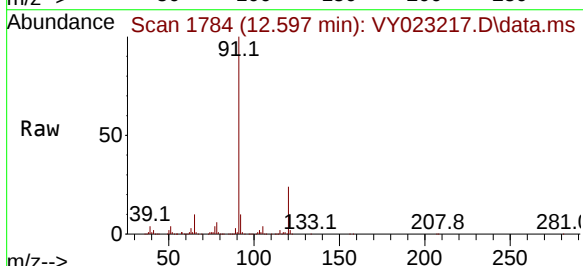
Acq: 28 Aug 2025 11:20

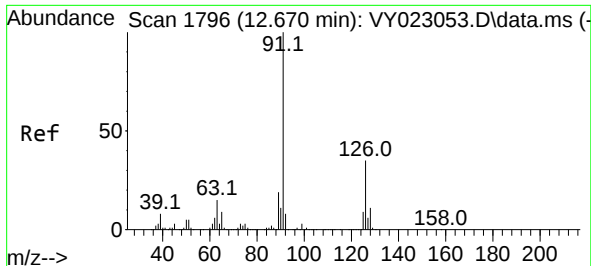
Tgt Ion: 91 Resp: 572555

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.5

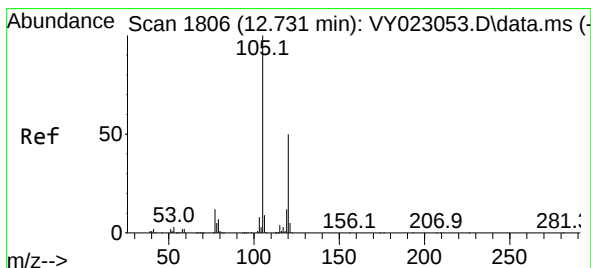
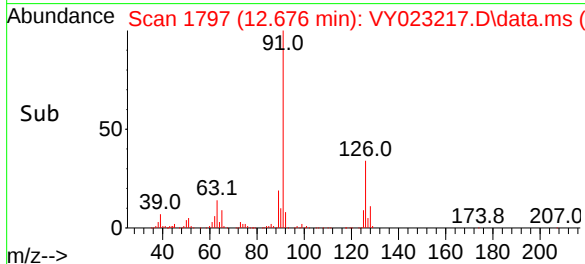
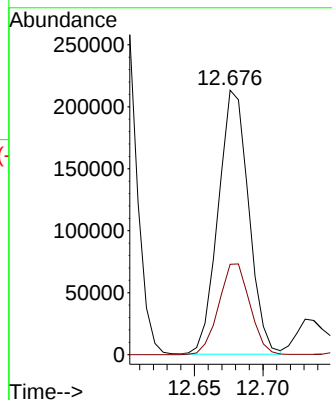
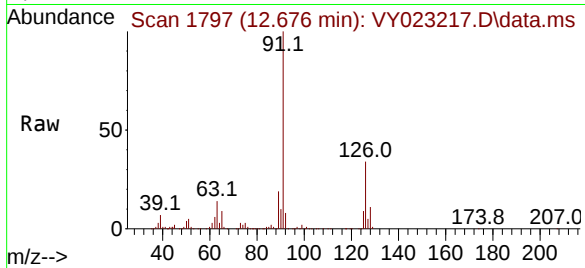




#79
2-Chlorotoluene
Concen: 20.478 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

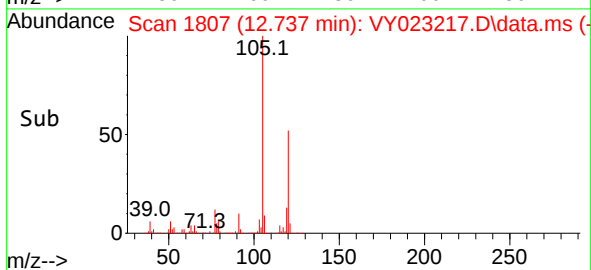
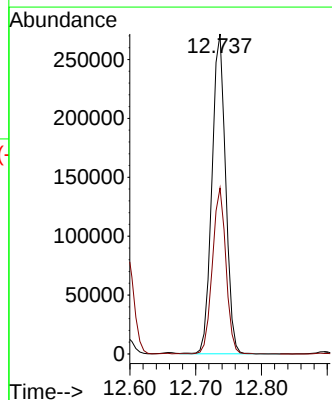
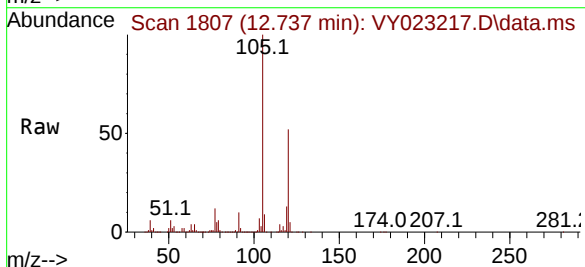
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

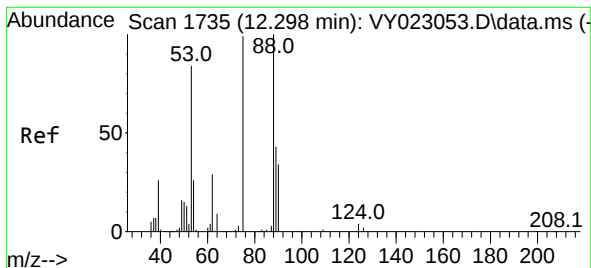
Tgt Ion: 91 Resp: 330400
Ion Ratio Lower Upper
91 100
126 35.2 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.599 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 105 Resp: 393761
Ion Ratio Lower Upper
105 100
120 51.3 24.8 74.4

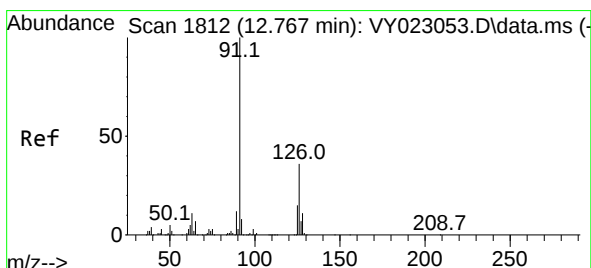
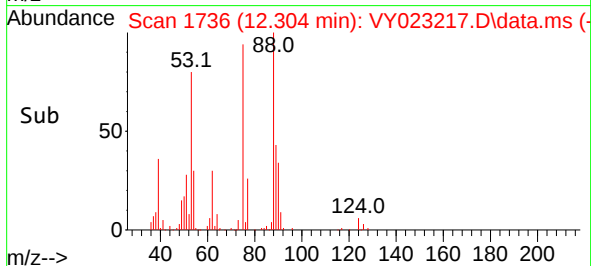
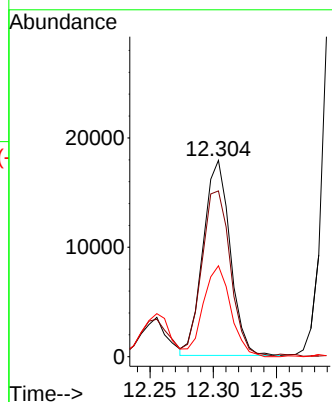
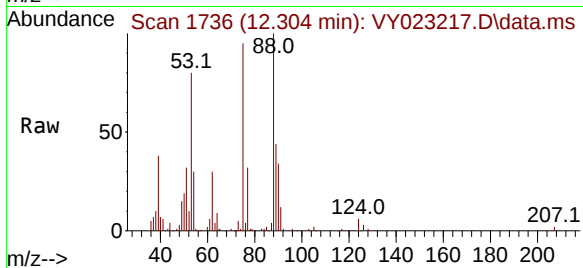




#81
trans-1,4-Dichloro-2-butene
Concen: 19.857 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

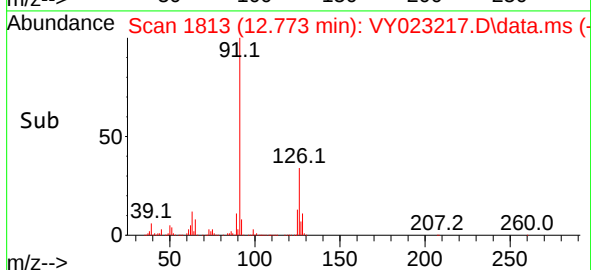
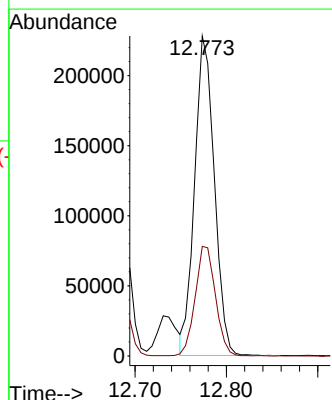
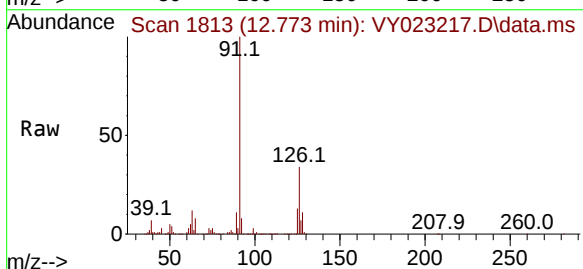
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBSD01

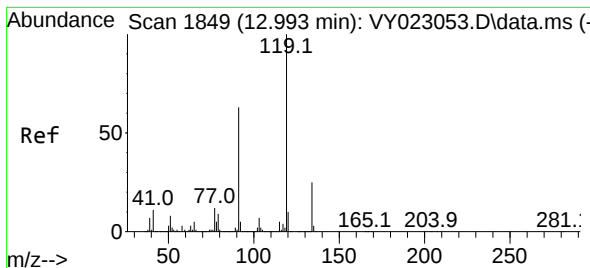
Tgt Ion: 75 Resp: 26531
Ion Ratio Lower Upper
75 100
53 89.4 70.8 106.2
89 47.7 38.1 57.1



#82
4-Chlorotoluene
Concen: 20.409 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 91 Resp: 341594
Ion Ratio Lower Upper
91 100
126 35.6 17.3 52.0





#83

tert-Butylbenzene

Concen: 20.398 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBS01

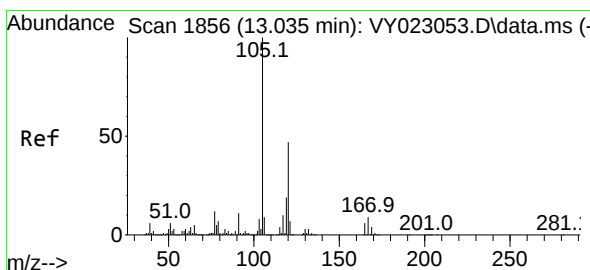
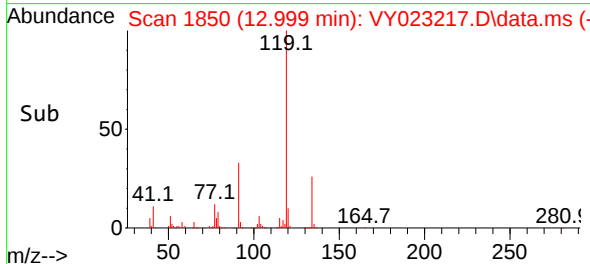
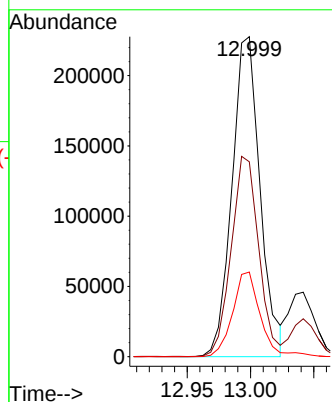
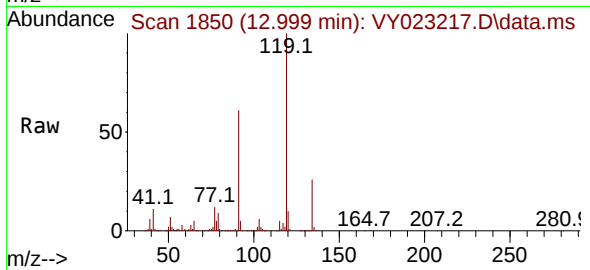
Tgt Ion:119 Resp: 352168

Ion Ratio Lower Upper

119 100

91 61.2 31.6 94.8

134 26.2 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.448 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023217.D

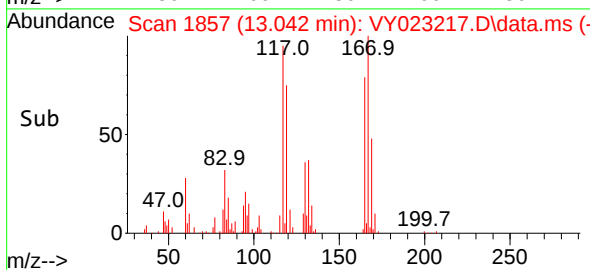
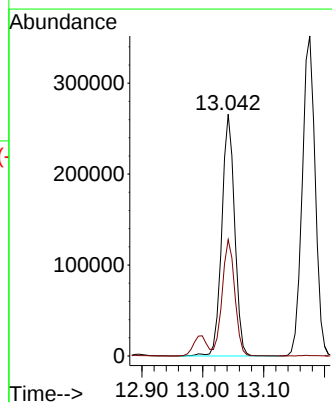
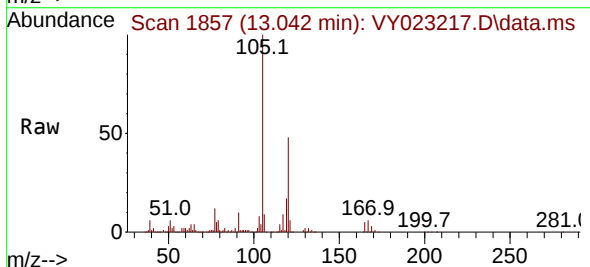
Acq: 28 Aug 2025 11:20

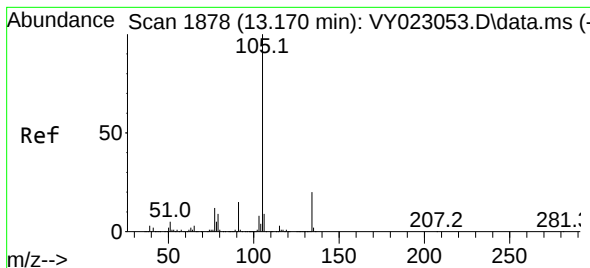
Tgt Ion:105 Resp: 389109

Ion Ratio Lower Upper

105 100

120 46.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.434 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

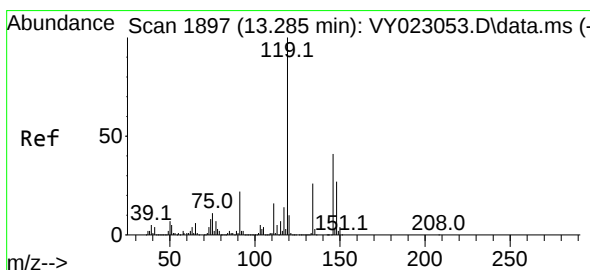
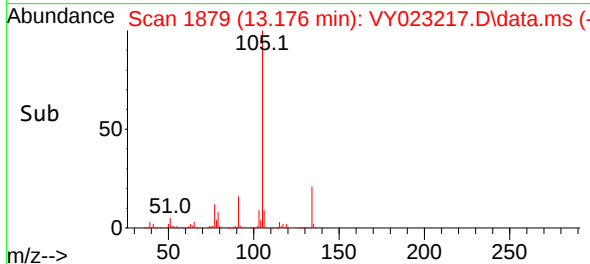
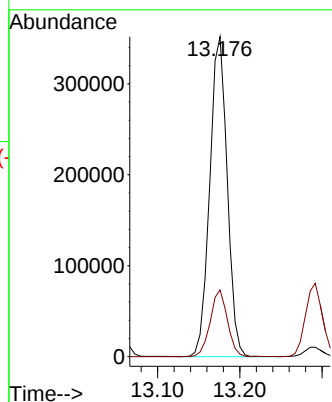
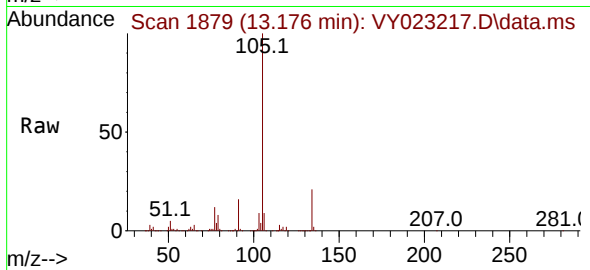
VY0828SBSD01

Tgt Ion:105 Resp: 518228

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.508 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

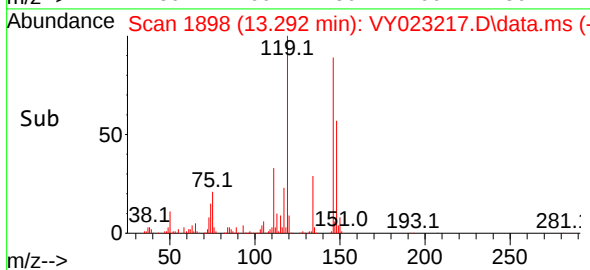
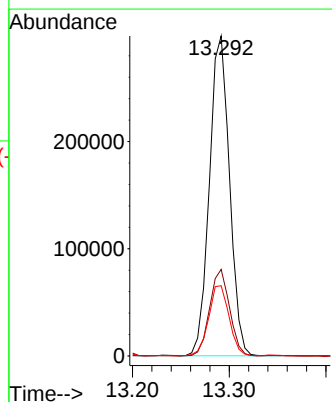
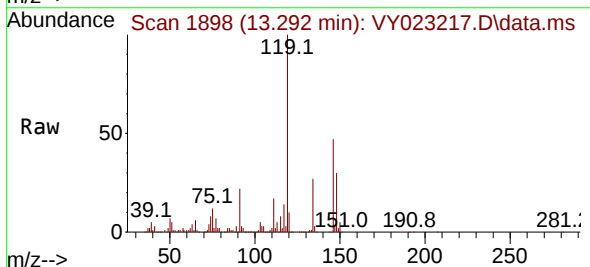
Tgt Ion:119 Resp: 431719

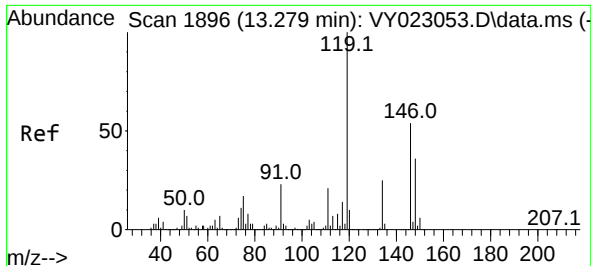
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.6

91 22.3 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 21.210 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBS01

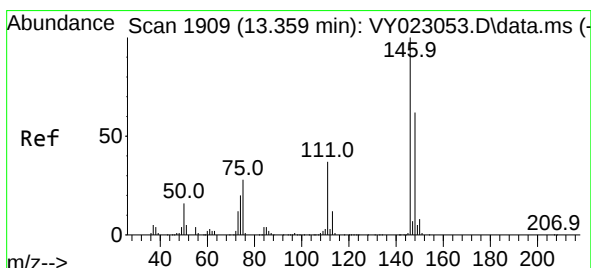
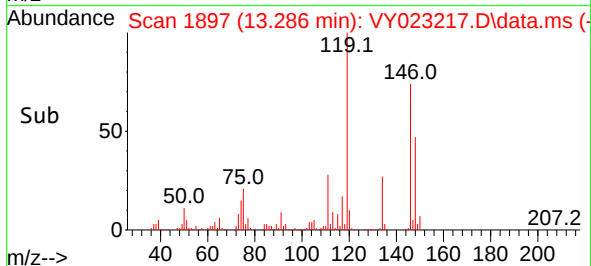
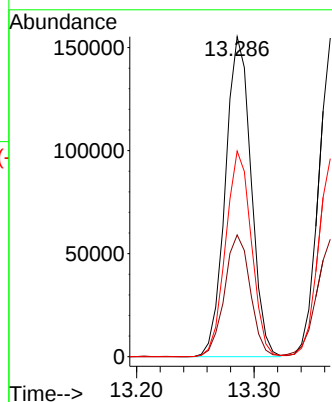
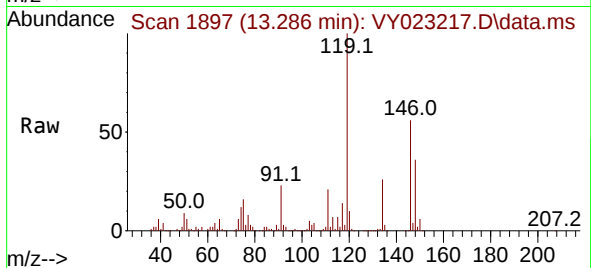
Tgt Ion:146 Resp: 236011

Ion Ratio Lower Upper

146 100

111 38.2 19.6 58.7

148 64.3 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 21.134 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

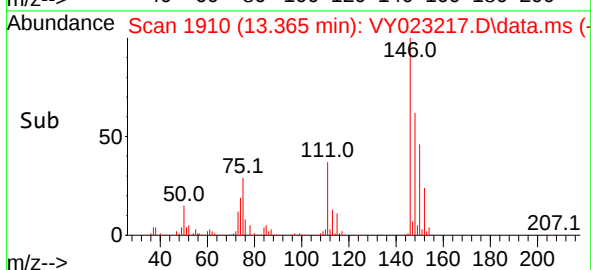
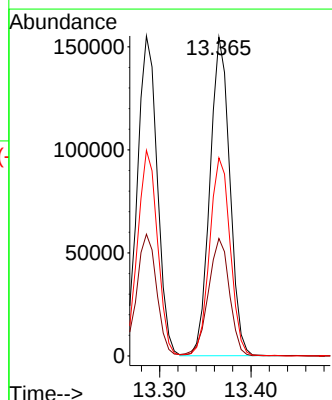
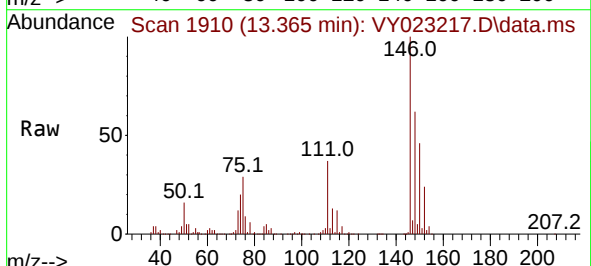
Tgt Ion:146 Resp: 233280

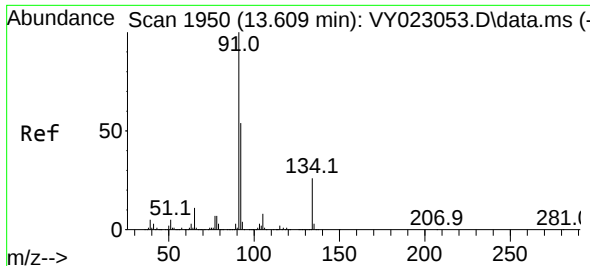
Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.1

148 64.7 31.6 94.7





#89

n-Butylbenzene

Concen: 19.782 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBS01

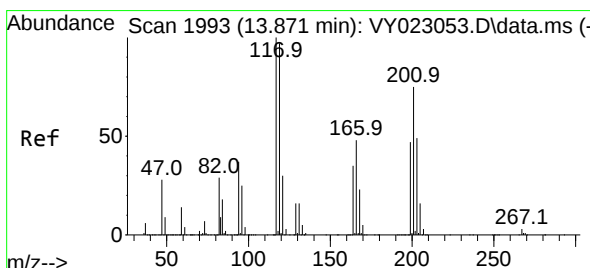
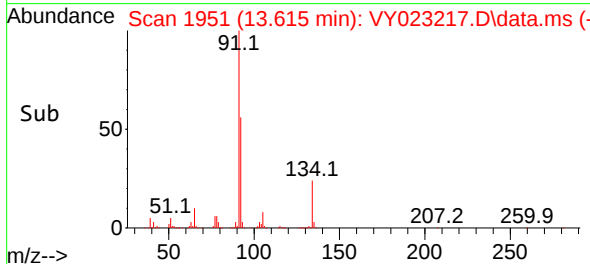
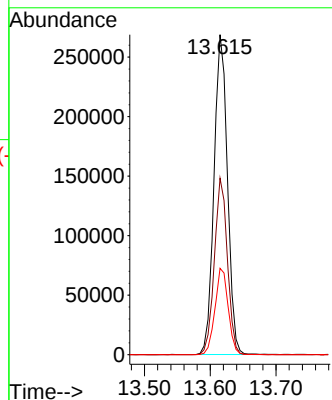
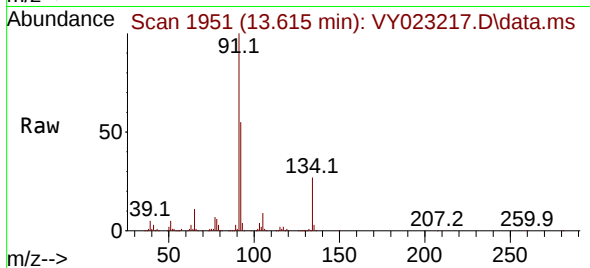
Tgt Ion: 91 Resp: 382471

Ion Ratio Lower Upper

91 100

92 53.6 26.9 80.7

134 26.6 13.2 39.5



#90

Hexachloroethane

Concen: 21.434 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023217.D

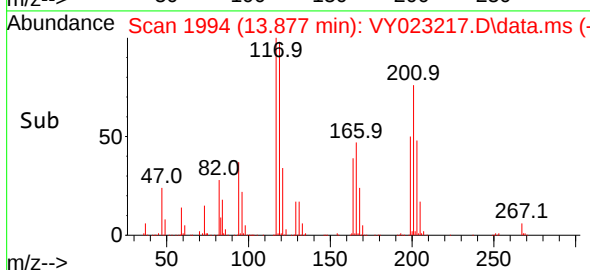
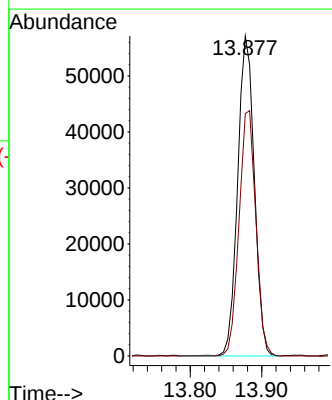
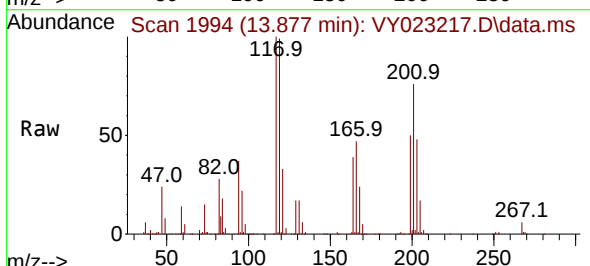
Acq: 28 Aug 2025 11:20

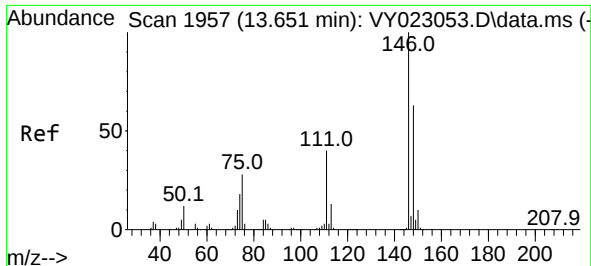
Tgt Ion: 117 Resp: 92367

Ion Ratio Lower Upper

117 100

201 77.5 38.4 115.1

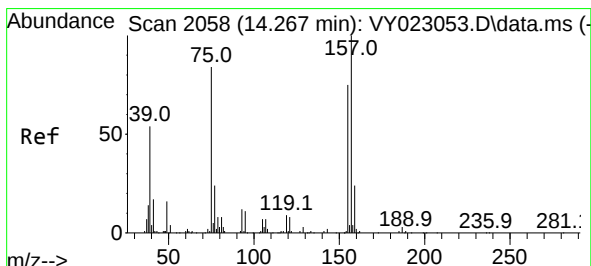
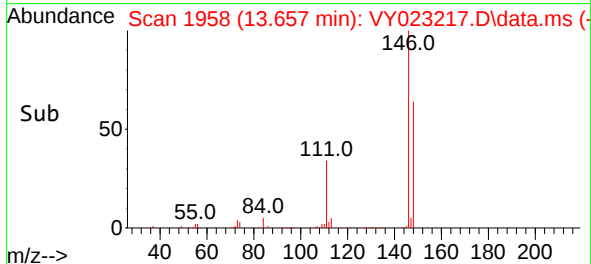
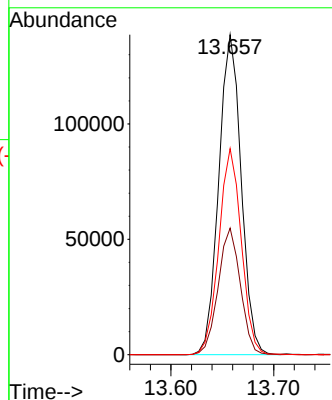
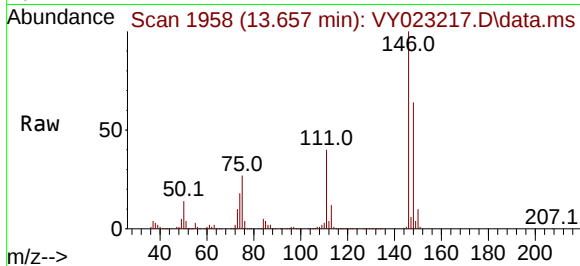




#91
1,2-Dichlorobenzene
Concen: 21.494 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

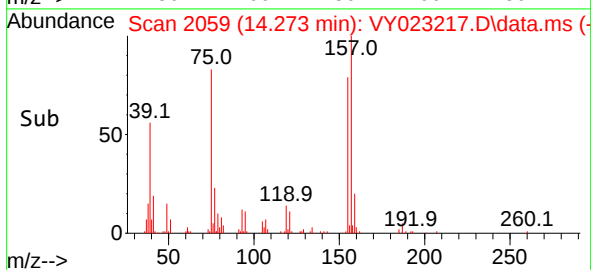
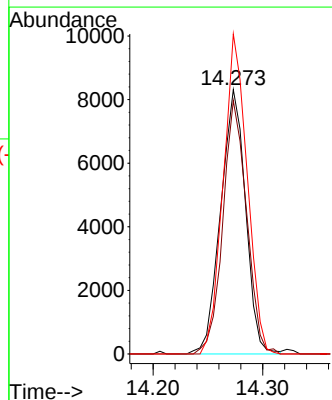
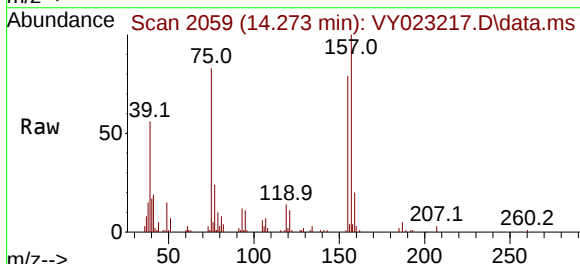
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

Tgt Ion:146 Resp: 209755
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.8
148 64.5 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.788 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 75 Resp: 13071
Ion Ratio Lower Upper
75 100
155 91.6 43.9 131.6
157 116.8 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 21.115 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBS01

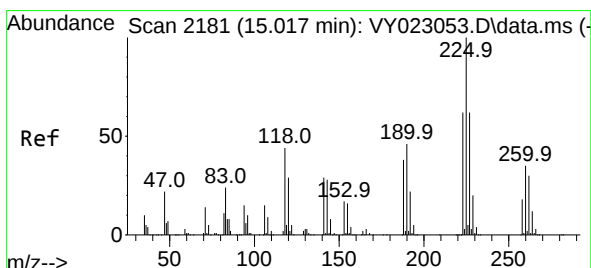
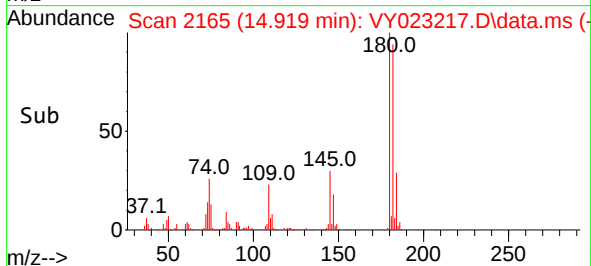
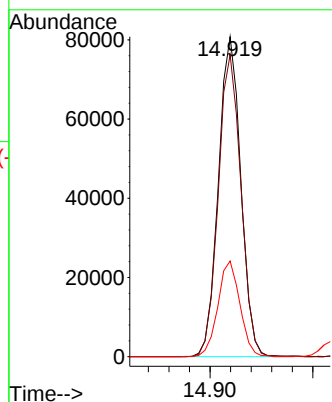
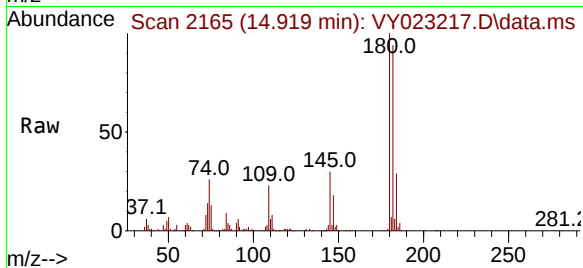
Tgt Ion:180 Resp: 121854

Ion Ratio Lower Upper

180 100

182 95.5 46.8 140.4

145 29.4 14.4 43.4



#94

Hexachlorobutadiene

Concen: 21.847 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

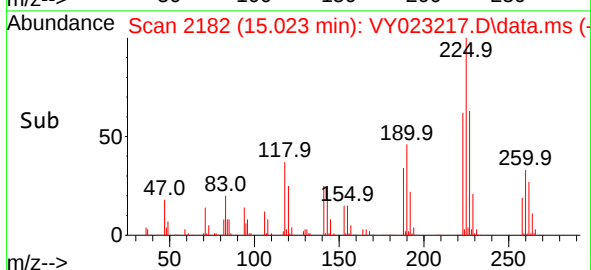
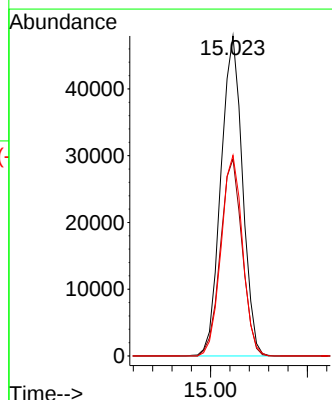
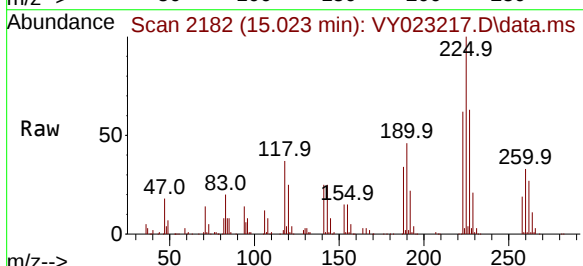
Tgt Ion:225 Resp: 74088

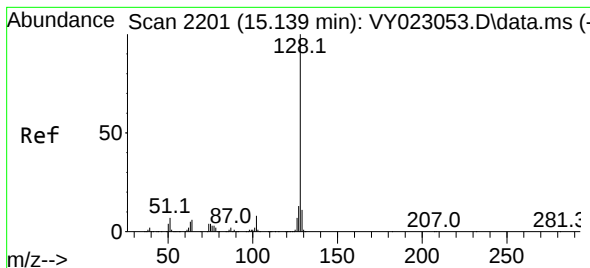
Ion Ratio Lower Upper

225 100

223 61.8 31.3 93.8

227 62.0 31.5 94.5





#95

Naphthalene

Concen: 20.270 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBS01

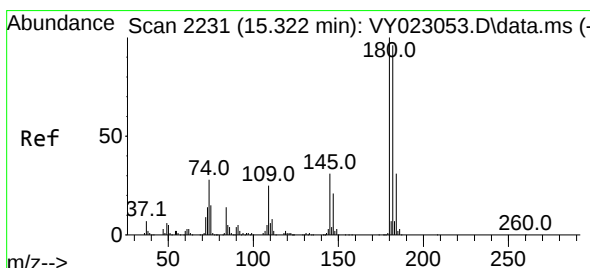
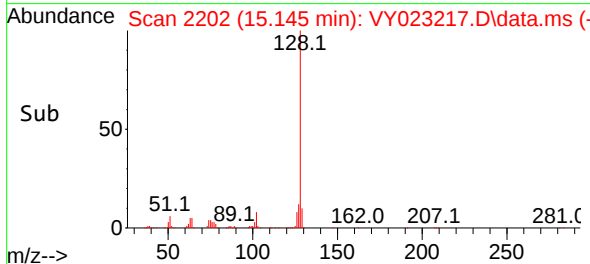
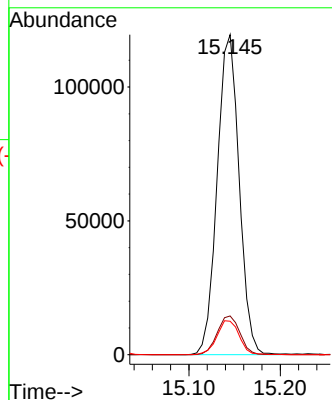
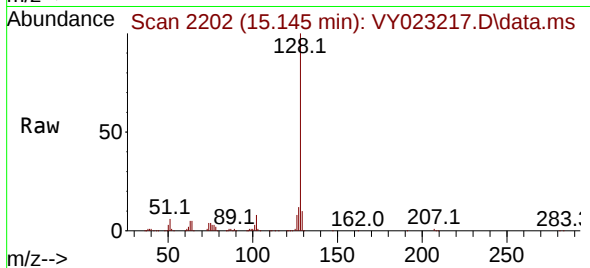
Tgt Ion:128 Resp: 199469

Ion Ratio Lower Upper

128 100

127 12.5 10.4 15.6

129 10.9 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 21.149 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Tgt Ion:180 Resp: 105174

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.7

145 31.1 15.9 47.7

