

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
 Data File : VY023772.D
 Acq On : 12 Nov 2025 18:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 14 03:42:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	577390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	862346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	774905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	403475	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	250237	50.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.620%	
35) Dibromofluoromethane	7.634	113	272574	50.579	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.160%	
50) Toluene-d8	10.103	98	1027836	51.201	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.400%	
62) 4-Bromofluorobenzene	12.401	95	354930	54.672	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.340%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.866	85	152961	40.358	ug/l 98
3) Chloromethane	2.068	50	235999	44.496	ug/l 98
4) Vinyl Chloride	2.202	62	300246	43.504	ug/l 97
5) Bromomethane	2.598	94	243162	41.885	ug/l 98
6) Chloroethane	2.732	64	198711	41.658	ug/l 98
7) Trichlorofluoromethane	3.055	101	460685	47.396	ug/l 99
8) Diethyl Ether	3.458	74	132853	50.969	ug/l 97
9) 1,1,2-Trichlorotrifluo...	3.817	101	260757	48.691	ug/l 100
10) Methyl Iodide	4.006	142	307190	48.576	ug/l 99
11) Tert butyl alcohol	4.848	59	96200	302.916	ug/l 99
12) 1,1-Dichloroethene	3.793	96	251819	48.814	ug/l 99
13) Acrolein	3.653	56	52268	128.048	ug/l 97
14) Allyl chloride	4.384	41	327093	52.092	ug/l 97
15) Acrylonitrile	5.055	53	273315	274.379	ug/l 99
16) Acetone	3.866	43	289837	236.745	ug/l 99
17) Carbon Disulfide	4.104	76	746915	47.173	ug/l 100
18) Methyl Acetate	4.384	43	131954	48.866	ug/l 99
19) Methyl tert-butyl Ether	5.116	73	641828	53.655	ug/l 98
20) Methylene Chloride	4.616	84	298539	50.514	ug/l 98
21) trans-1,2-Dichloroethene	5.116	96	288804	49.651	ug/l 96
22) Diisopropyl ether	6.018	45	760857	54.380	ug/l 98
23) Vinyl Acetate	5.957	43	2067448	276.897	ug/l 98
24) 1,1-Dichloroethane	5.914	63	475143	50.976	ug/l 100
25) 2-Butanone	6.890	43	364903	257.797	ug/l 98
26) 2,2-Dichloropropane	6.884	77	418598	48.822	ug/l 99
27) cis-1,2-Dichloroethene	6.890	96	340453	51.249	ug/l 99
28) Bromochloromethane	7.250	49	180195	50.489	ug/l 94
29) Tetrahydrofuran	7.262	42	211665	280.786	ug/l 97
30) Chloroform	7.420	83	525227	50.504	ug/l 100
31) Cyclohexane	7.701	56	399329	49.194	ug/l 99
32) 1,1,1-Trichloroethane	7.615	97	460141	49.504	ug/l 99
36) 1,1-Dichloropropene	7.835	75	359214	49.882	ug/l 98
37) Ethyl Acetate	6.981	43	155061	55.622	ug/l 99
38) Carbon Tetrachloride	7.817	117	420581	49.570	ug/l 98
39) Methylcyclohexane	9.109	83	466839	50.736	ug/l 99
40) Benzene	8.079	78	1128287	49.707	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	63804	41.930	ug/l #	74
42) 1,2-Dichloroethane	8.158	62	291271	50.720	ug/l	100
43) Isopropyl Acetate	8.195	43	286883	54.771	ug/l	99
44) Trichloroethene	8.865	130	321599	49.328	ug/l	98
45) 1,2-Dichloropropane	9.140	63	256585	51.218	ug/l	98
46) Dibromomethane	9.231	93	157189	50.641	ug/l	99
47) Bromodichloromethane	9.420	83	402962	51.491	ug/l	96
48) Methyl methacrylate	9.219	41	136228	55.048	ug/l	99
49) 1,4-Dioxane	9.231	88	35164	1106.970	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	769210	276.143	ug/l	100
52) Toluene	10.170	92	747579	51.587	ug/l	98
53) t-1,3-Dichloropropene	10.395	75	350061	52.865	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	414012	52.185	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	211283	50.934	ug/l	98
56) Ethyl methacrylate	10.438	69	265337	58.055	ug/l	99
57) 1,3-Dichloropropane	10.712	76	346948	52.730	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.706	63	588814	280.755	ug/l	98
59) 2-Hexanone	10.761	43	544010	267.687	ug/l	100
60) Dibromochloromethane	10.907	129	289732	50.834	ug/l	99
61) 1,2-Dibromoethane	11.011	107	202642	52.053	ug/l	99
64) Tetrachloroethene	10.645	164	408777	50.682	ug/l	98
65) Chlorobenzene	11.438	112	821565	48.701	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	296076	49.634	ug/l	99
67) Ethyl Benzene	11.517	91	1411232	51.688	ug/l	97
68) m/p-Xylenes	11.627	106	1107847	101.558	ug/l	98
69) o-Xylene	11.950	106	519500	51.519	ug/l	97
70) Styrene	11.968	104	875737	52.636	ug/l	99
71) Bromoform	12.133	173	175375	50.338	ug/l	99
73) Isopropylbenzene	12.255	105	1358059	50.326	ug/l	100
74) N-amyl acetate	12.066	43	250757	54.885	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	211542	49.083	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	290952	89.102	ug/l #	100
77) Bromobenzene	12.529	156	337553	48.224	ug/l	96
78) n-propylbenzene	12.590	91	1597956	50.343	ug/l	99
79) 2-Chlorotoluene	12.675	91	924060	50.169	ug/l	99
80) 1,3,5-Trimethylbenzene	12.730	105	1108229	50.546	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	69362	48.005	ug/l	98
82) 4-Chlorotoluene	12.773	91	942097	49.595	ug/l	99
83) tert-Butylbenzene	12.992	119	992613	49.708	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	1107228	50.987	ug/l	99
85) sec-Butylbenzene	13.175	105	1446107	50.209	ug/l	99
86) p-Isopropyltoluene	13.291	119	1217451	49.932	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	647118	46.971	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	631531	46.665	ug/l	99
89) n-Butylbenzene	13.614	91	1070282	50.480	ug/l	99
90) Hexachloroethane	13.876	117	245175	46.792	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	567145	47.768	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	33674	50.745	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	330554	48.674	ug/l	99
94) Hexachlorobutadiene	15.023	225	207853	46.713	ug/l	99
95) Naphthalene	15.145	128	537194	45.747	ug/l	100
96) 1,2,3-Trichlorobenzene	15.327	180	284046	50.061	ug/l	100

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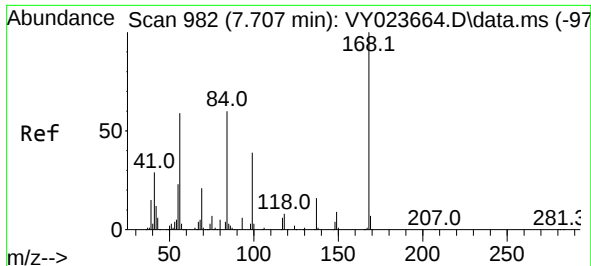
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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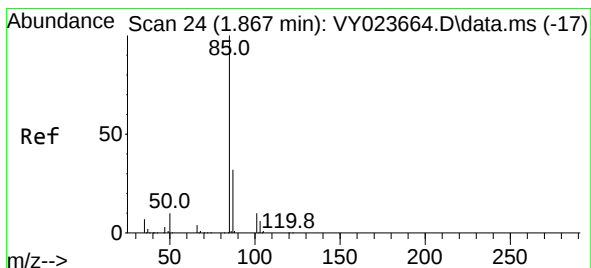
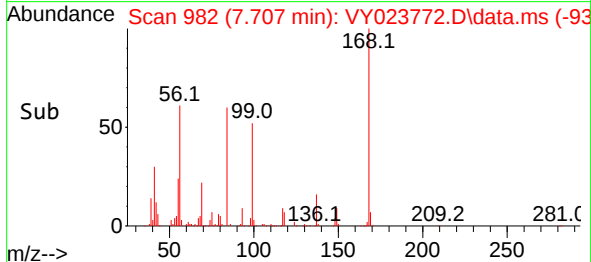
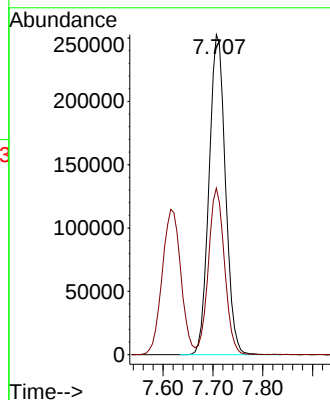
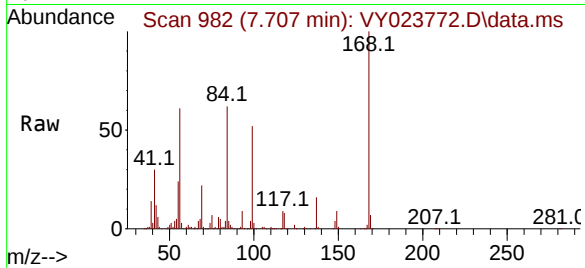




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023772.D
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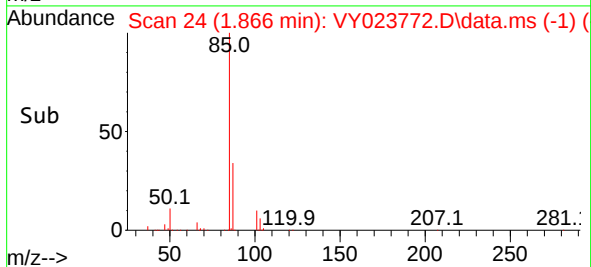
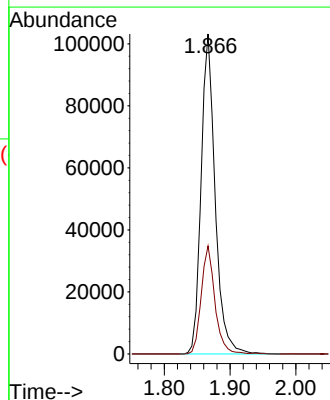
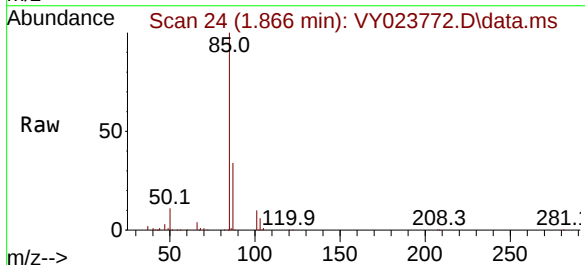
Instrument :
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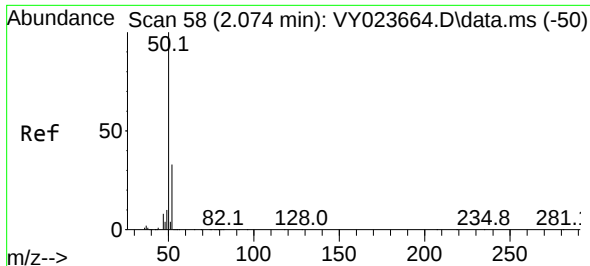
Tgt Ion:168 Resp: 577390
Ion Ratio Lower Upper
168 100
99 52.0 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 40.358 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 85 Resp: 152961
Ion Ratio Lower Upper
85 100
87 33.8 16.2 48.6

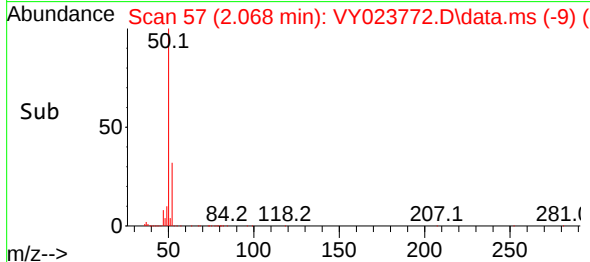
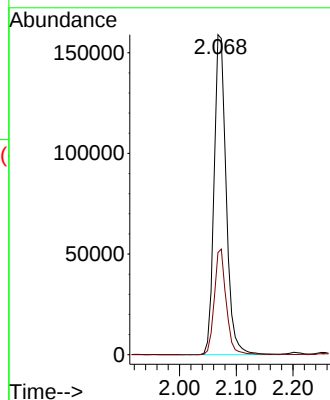
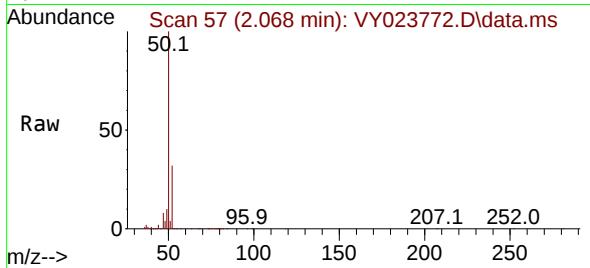




#3
Chloromethane
Concen: 44.496 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

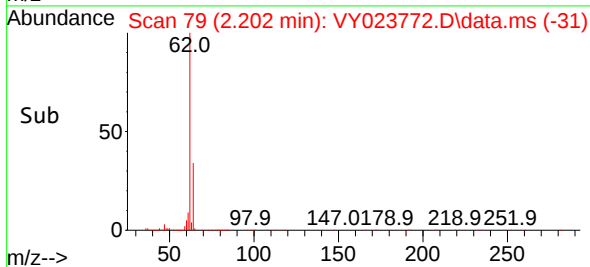
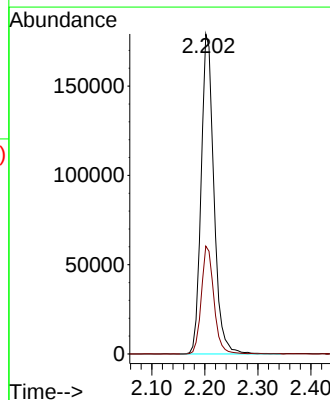
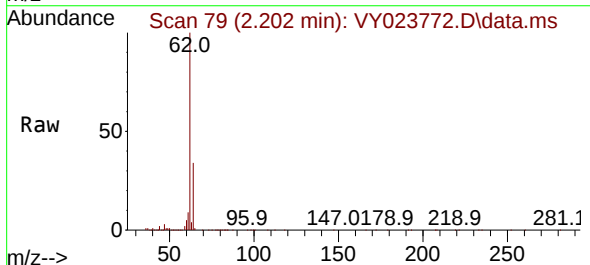
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ClientSampleId :
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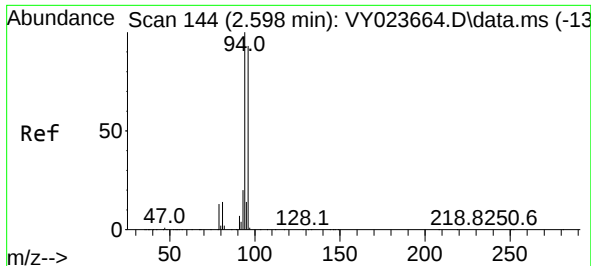
Tgt Ion: 50 Resp: 235999
Ion Ratio Lower Upper
50 100
52 31.9 26.5 39.7



#4
Vinyl Chloride
Concen: 43.504 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 62 Resp: 300246
Ion Ratio Lower Upper
62 100
64 33.7 25.7 38.5

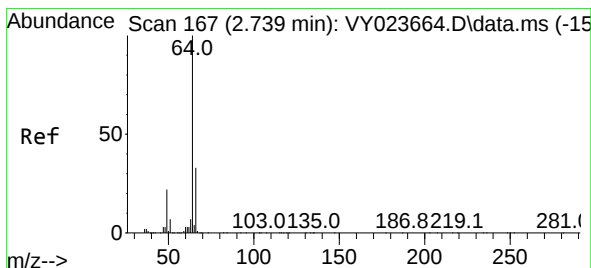
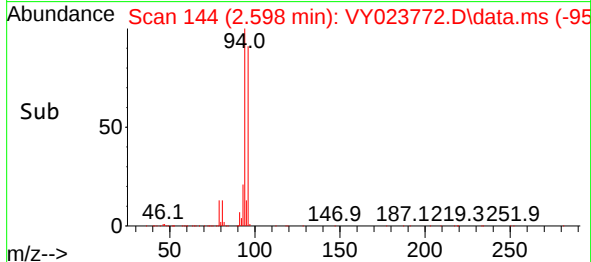
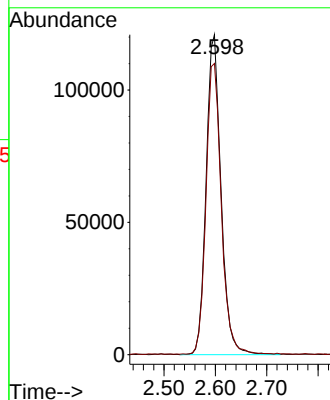
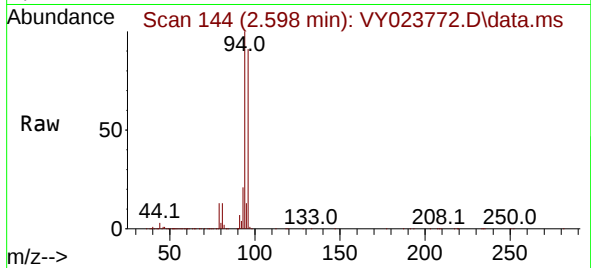




#5
Bromomethane
Concen: 41.885 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

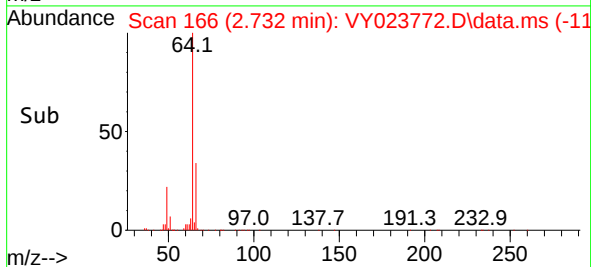
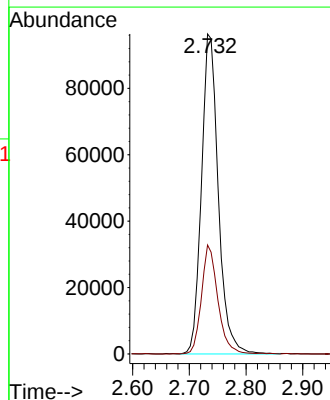
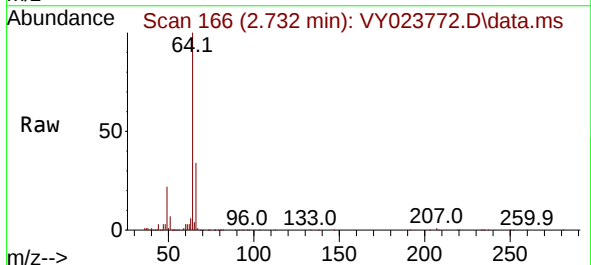
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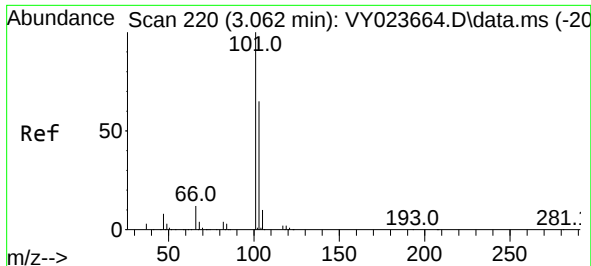
Tgt Ion: 94 Resp: 243162
Ion Ratio Lower Upper
94 100
96 90.8 74.4 111.6



#6
Chloroethane
Concen: 41.658 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 64 Resp: 198711
Ion Ratio Lower Upper
64 100
66 34.0 26.2 39.4

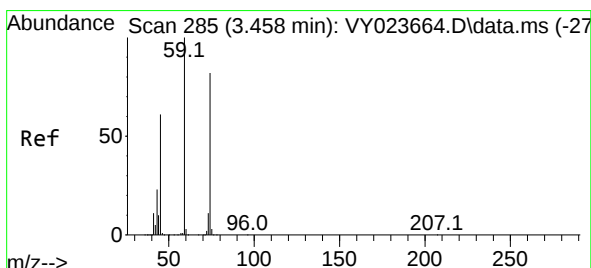
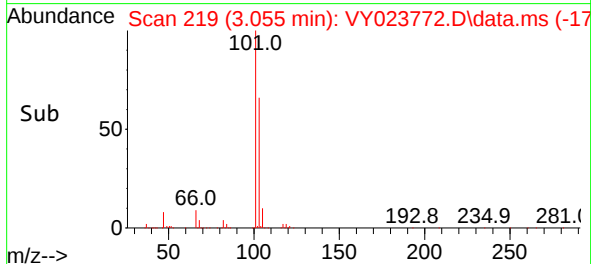
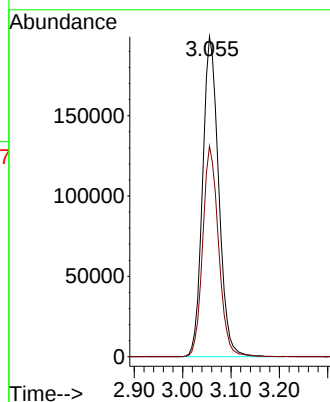
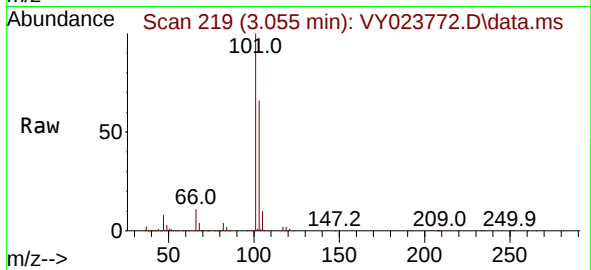




#7
 Trichlorofluoromethane
 Concen: 47.396 ug/l
 RT: 3.055 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY023772.D
 Acq: 12 Nov 2025 18:28

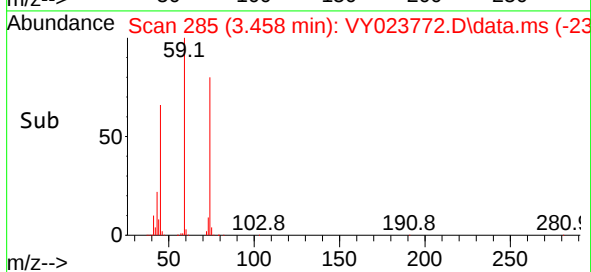
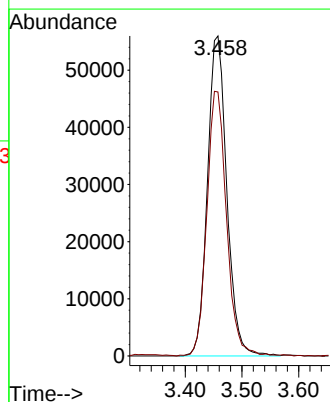
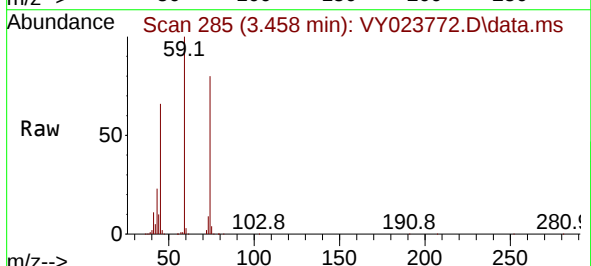
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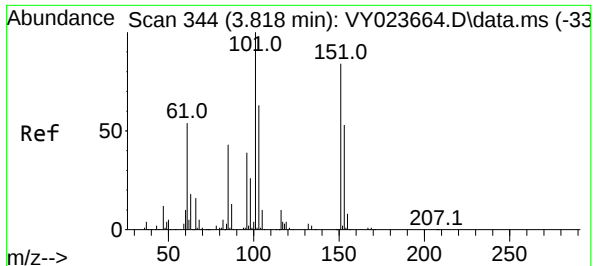
Tgt Ion:101 Resp: 460685
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.1 78.1



#8
 Diethyl Ether
 Concen: 50.969 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.000 min
 Lab File: VY023772.D
 Acq: 12 Nov 2025 18:28

Tgt Ion: 74 Resp: 132853
 Ion Ratio Lower Upper
 74 100
 45 84.2 40.6 121.7

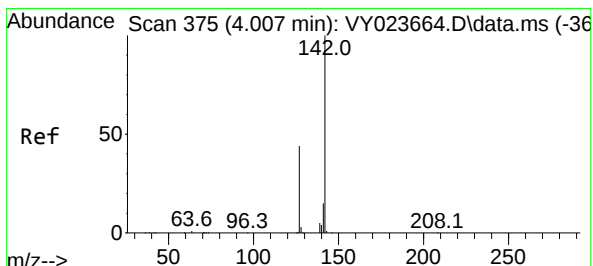
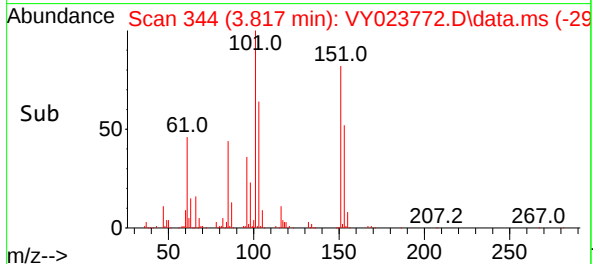
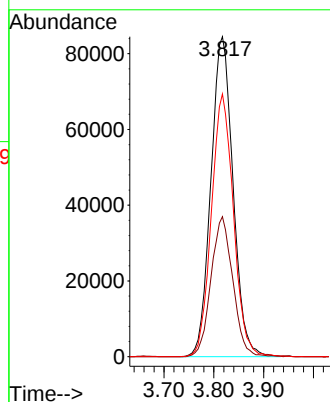
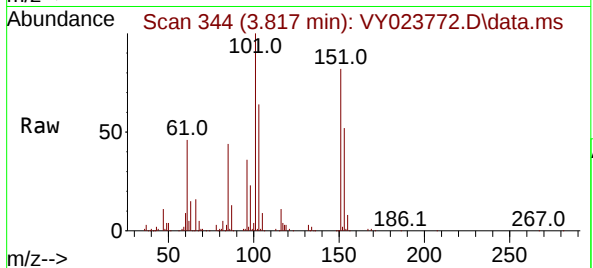




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.691 ug/l
RT: 3.817 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY023772.D
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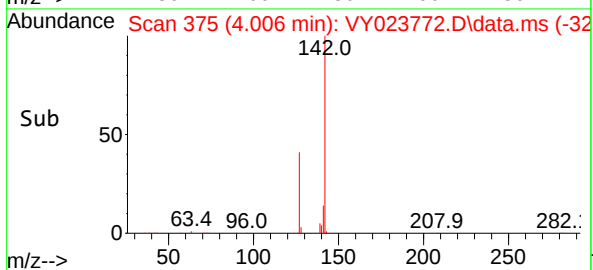
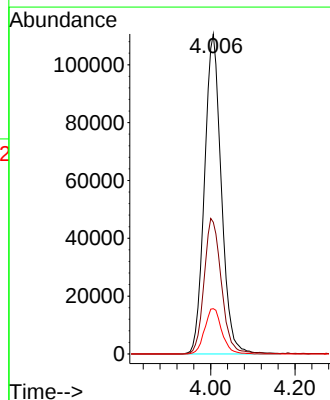
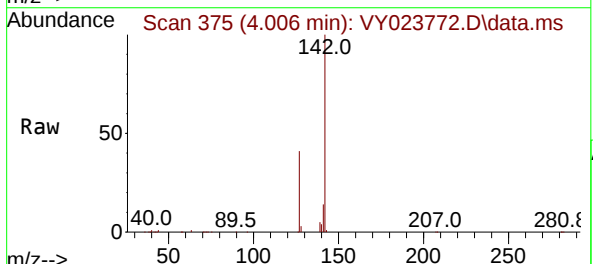
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ClientSampleId :
VSTDCCC050EC

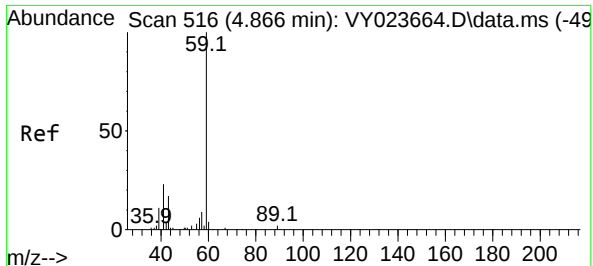
Tgt Ion:101 Resp: 260757
Ion Ratio Lower Upper
101 100
85 43.1 34.4 51.6
151 81.9 65.6 98.4



#10
Methyl Iodide
Concen: 48.576 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion:142 Resp: 307190
Ion Ratio Lower Upper
142 100
127 43.7 34.6 51.8
141 14.4 11.6 17.4

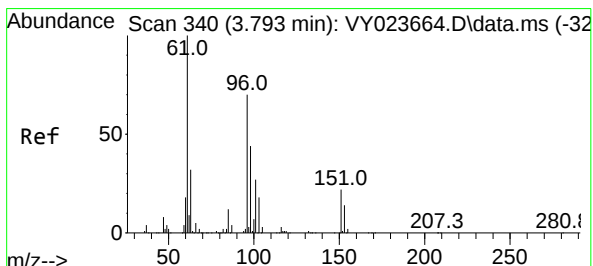
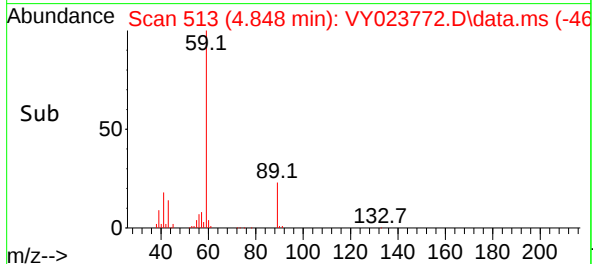
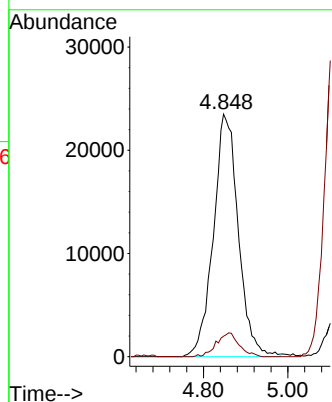
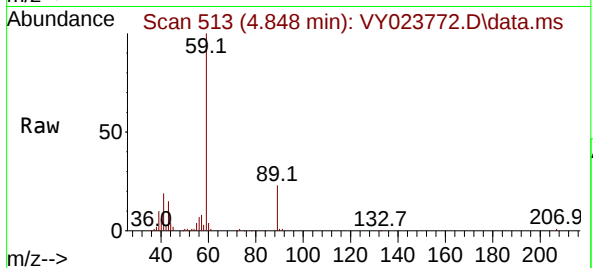




#11
Tert butyl alcohol
Concen: 302.916 ug/l
RT: 4.848 min Scan# 516
Delta R.T. -0.019 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

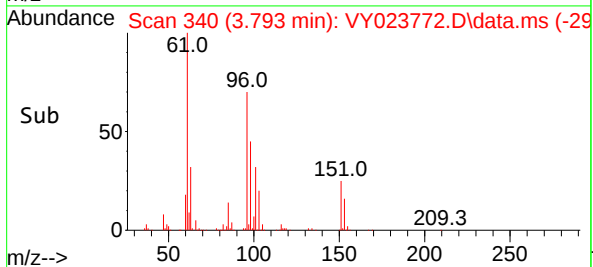
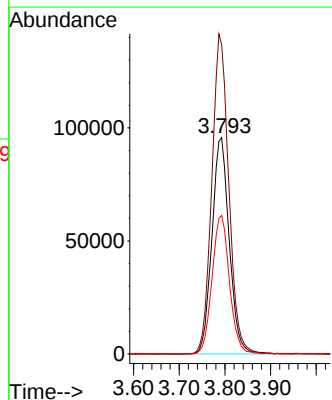
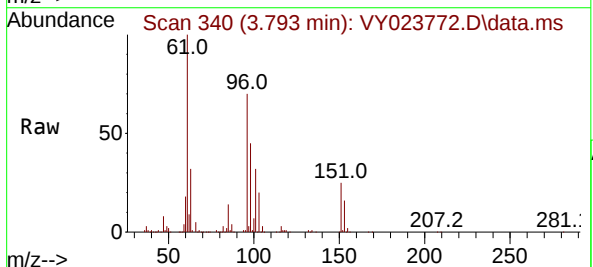
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

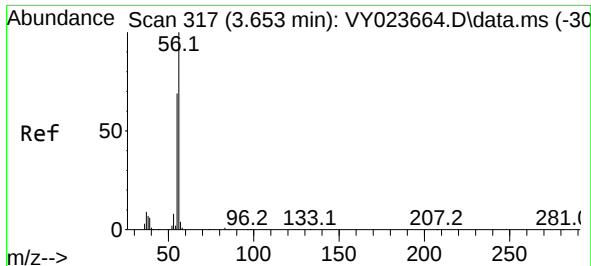
Tgt Ion: 59 Resp: 96200
Ion Ratio Lower Upper
59 100
57 8.9 7.4 11.2



#12
1,1-Dichloroethene
Concen: 48.814 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 96 Resp: 251819
Ion Ratio Lower Upper
96 100
61 143.0 114.0 171.0
98 63.9 50.2 75.2

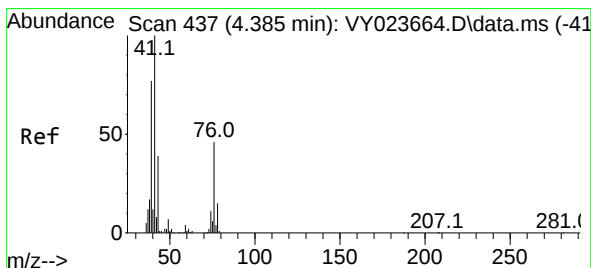
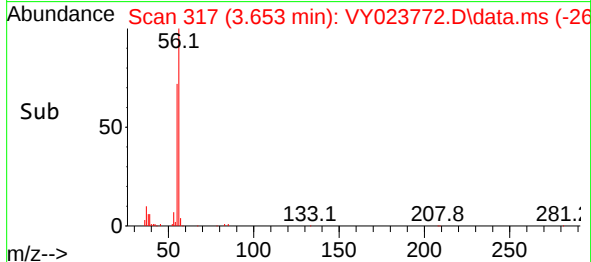
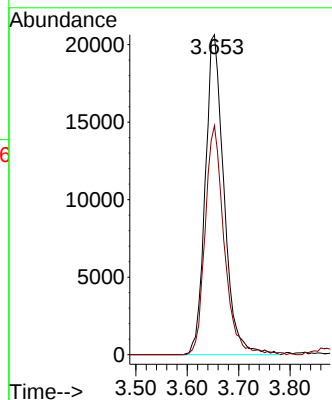
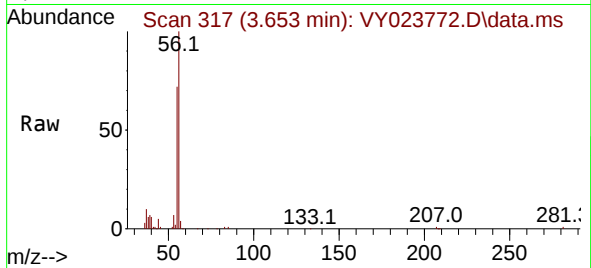




#13
Acrolein
Concen: 128.048 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

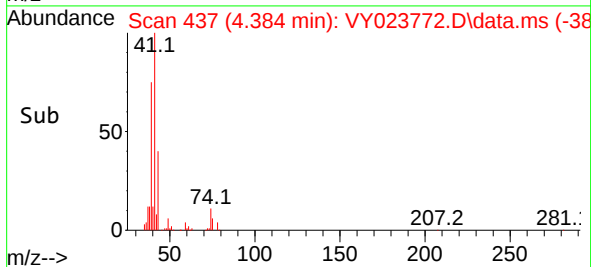
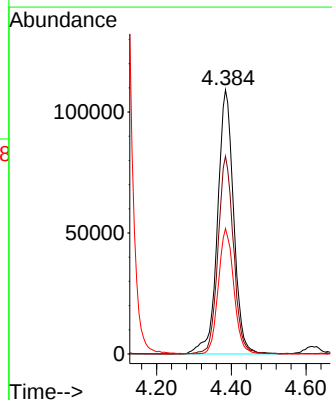
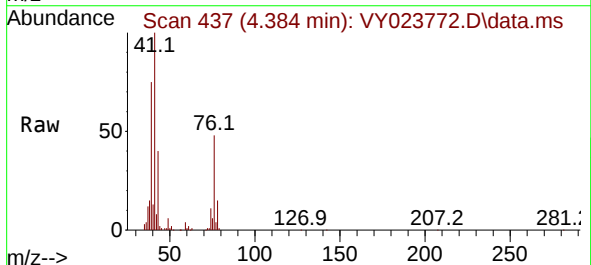
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

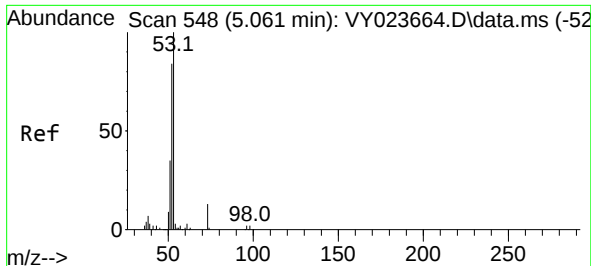
Tgt Ion: 56 Resp: 52268
Ion Ratio Lower Upper
56 100
55 72.8 56.6 84.8



#14
Allyl chloride
Concen: 52.092 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 41 Resp: 327093
Ion Ratio Lower Upper
41 100
39 72.2 60.4 90.6
76 45.6 38.0 57.0

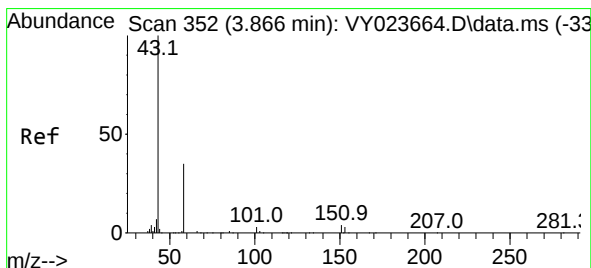
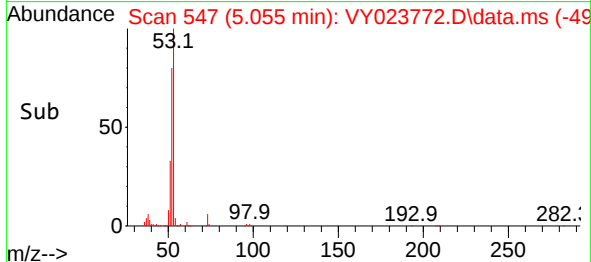
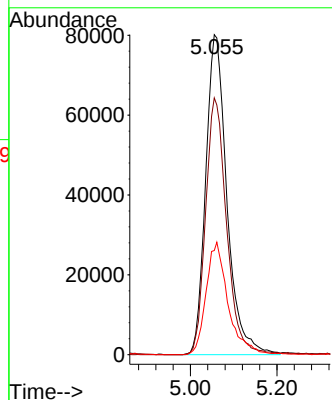
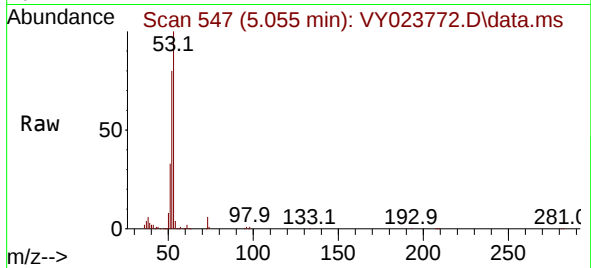




#15
Acrylonitrile
Concen: 274.379 ug/l
RT: 5.055 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

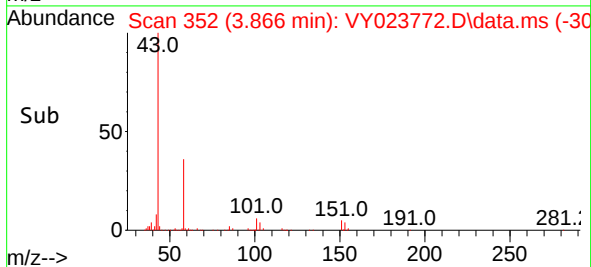
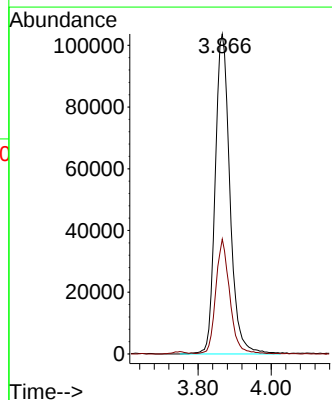
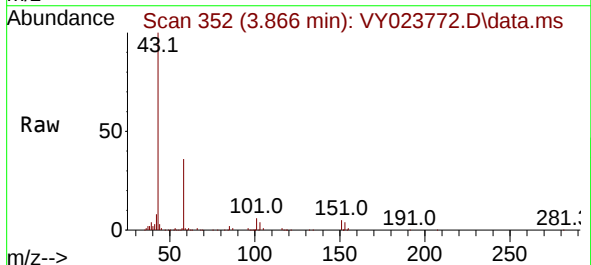
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

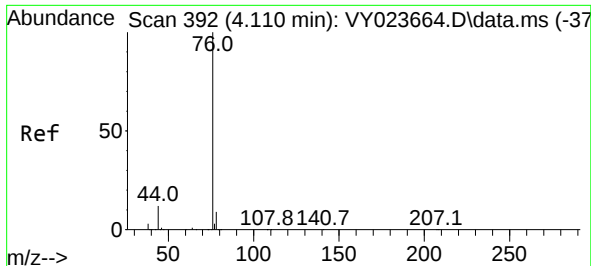
Tgt Ion: 53 Resp: 273315
Ion Ratio Lower Upper
53 100
52 79.3 64.9 97.3
51 36.6 29.4 44.0



#16
Acetone
Concen: 236.745 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 43 Resp: 289837
Ion Ratio Lower Upper
43 100
58 35.8 28.2 42.4

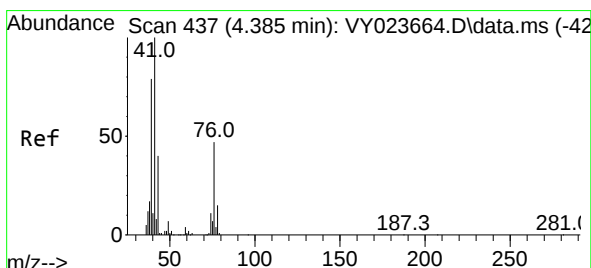
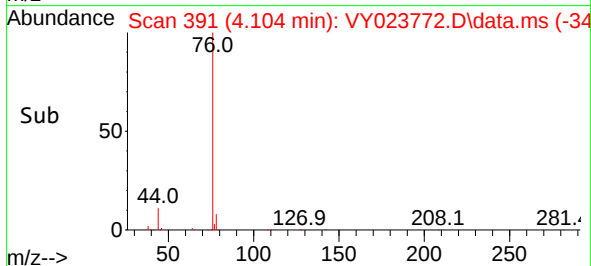
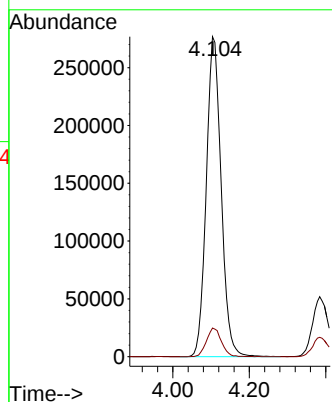
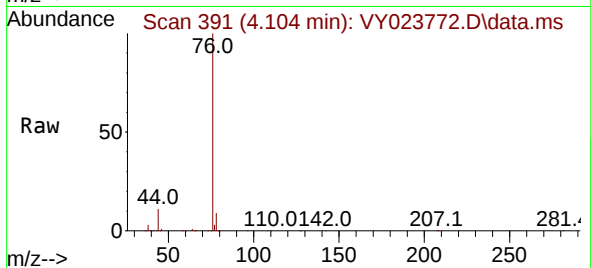




#17
Carbon Disulfide
Concen: 47.173 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

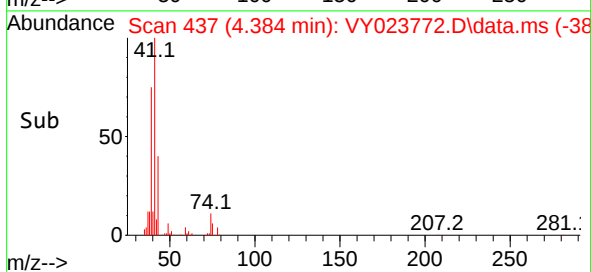
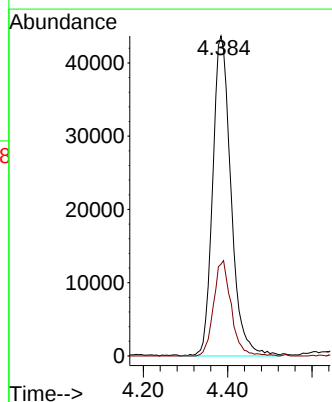
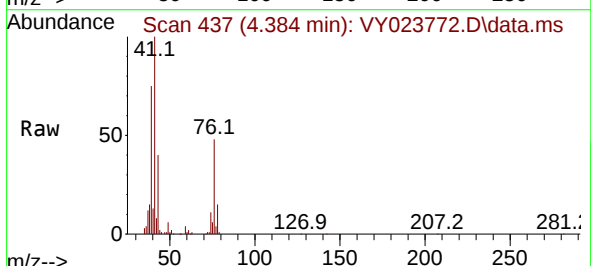
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

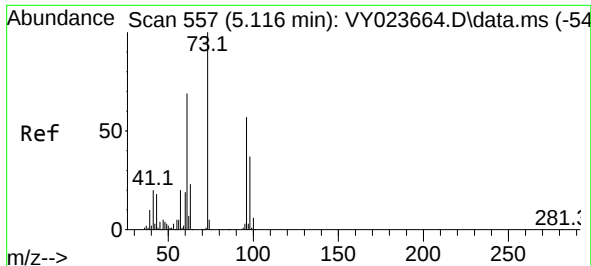
Tgt Ion: 76 Resp: 746915
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 48.866 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 43 Resp: 131954
Ion Ratio Lower Upper
43 100
74 28.6 22.5 33.7

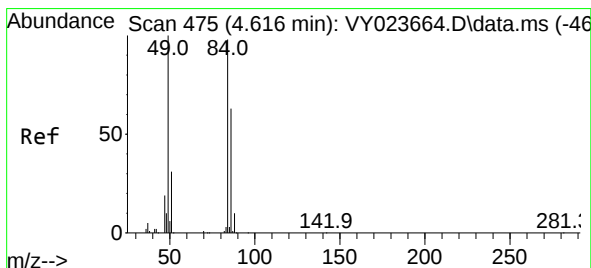
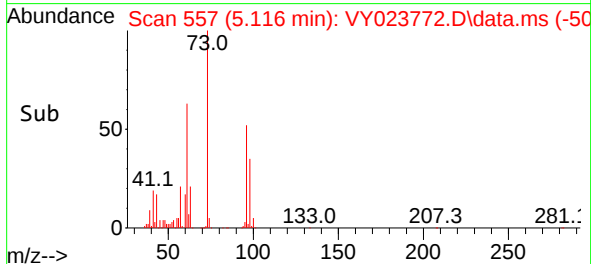
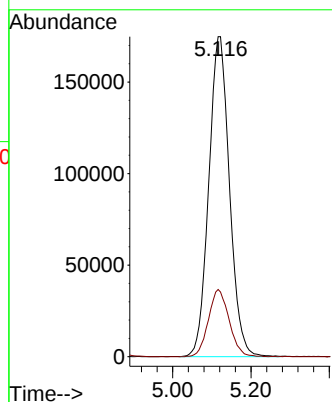
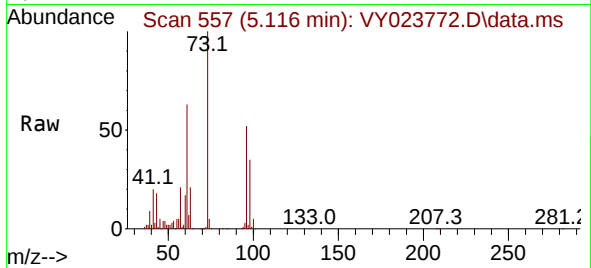




#19
Methyl tert-butyl Ether
Concen: 53.655 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

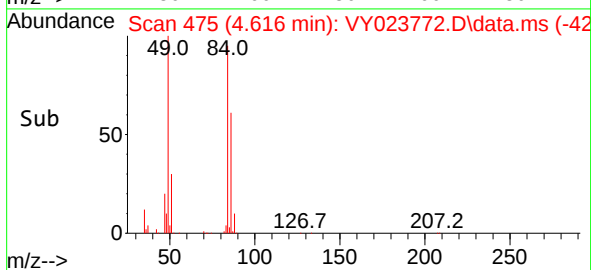
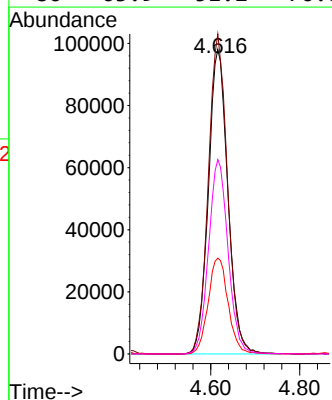
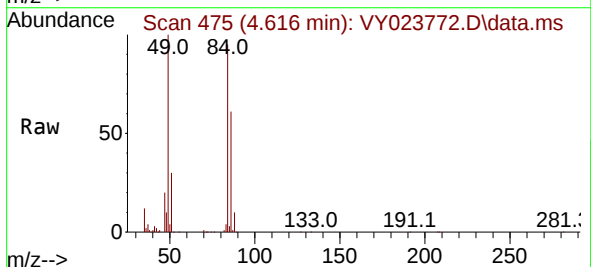
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

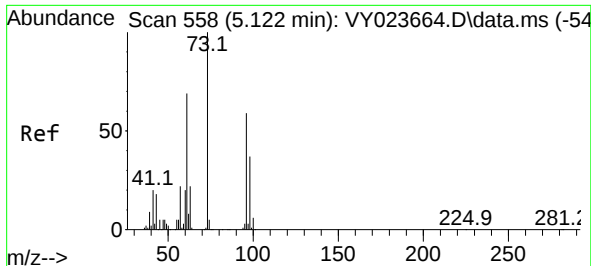
Tgt Ion: 73 Resp: 641828
Ion Ratio Lower Upper
73 100
57 21.0 16.1 24.1



#20
Methylene Chloride
Concen: 50.514 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 84 Resp: 298539
Ion Ratio Lower Upper
84 100
49 105.1 81.5 122.3
51 31.5 25.5 38.3
86 63.9 51.2 76.8

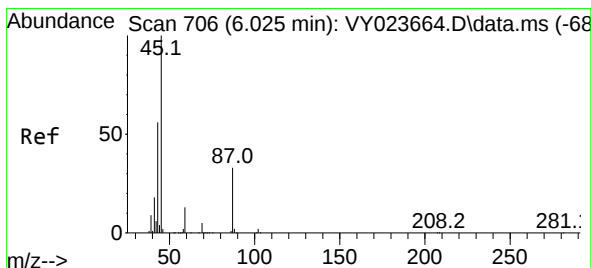
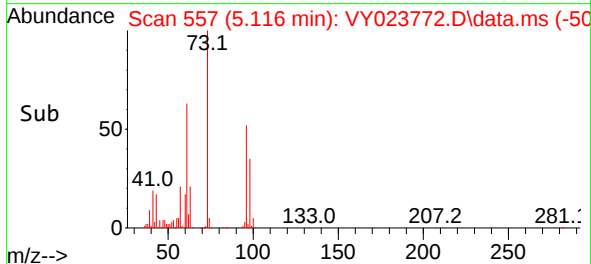
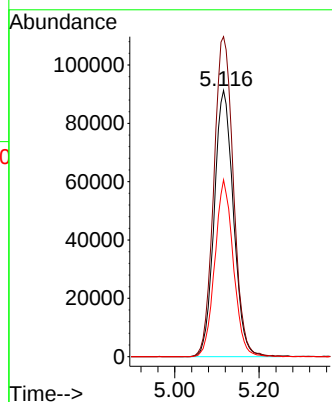
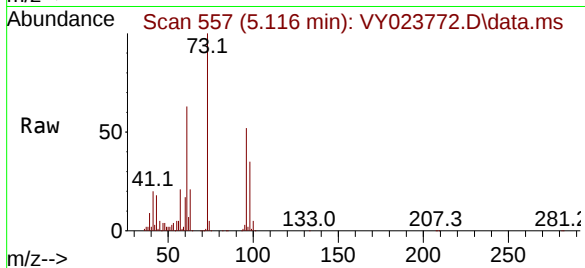




#21
trans-1,2-Dichloroethene
Concen: 49.651 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

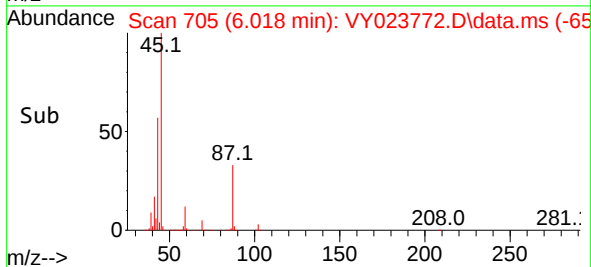
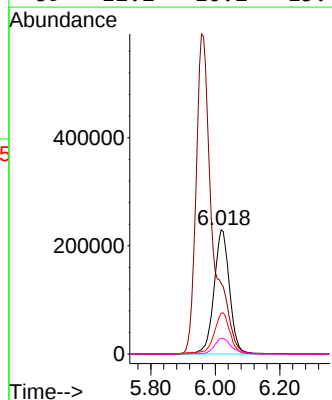
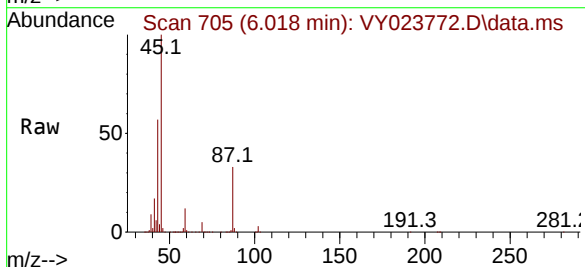
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

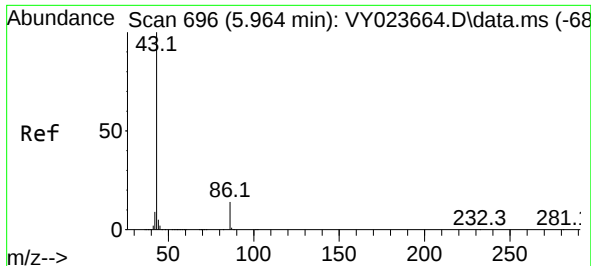
Tgt Ion: 96 Resp: 288804
Ion Ratio Lower Upper
96 100
61 120.2 93.3 139.9
98 66.4 50.6 75.8



#22
Diisopropyl ether
Concen: 54.380 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 45 Resp: 760857
Ion Ratio Lower Upper
45 100
43 56.8 44.7 67.1
87 32.8 27.2 40.8
59 12.2 10.2 15.4

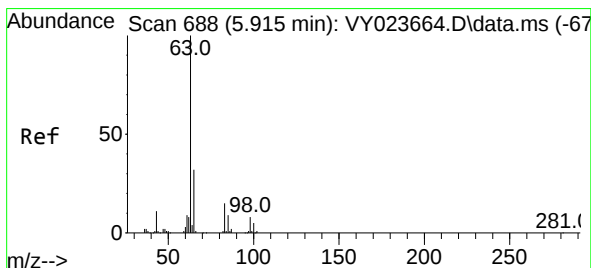
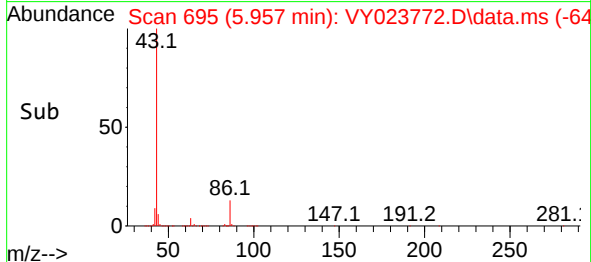
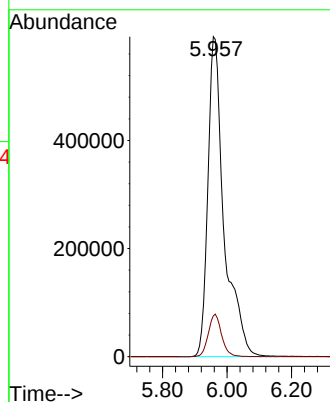
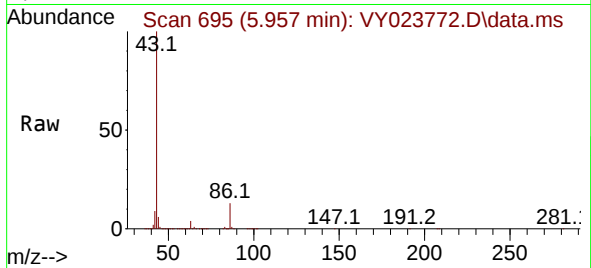




#23
 Vinyl Acetate
 Concen: 276.897 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY023772.D
 Acq: 12 Nov 2025 18:28

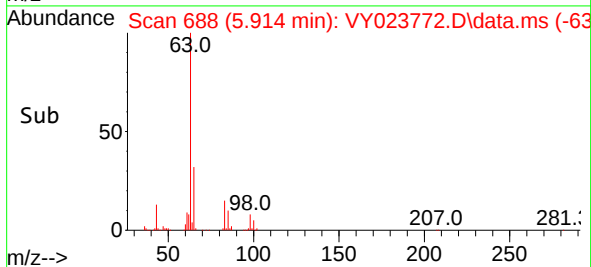
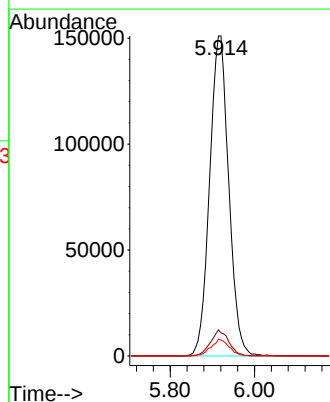
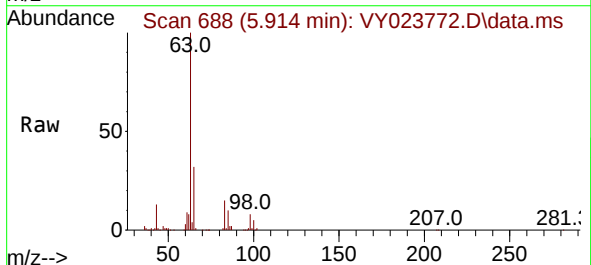
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

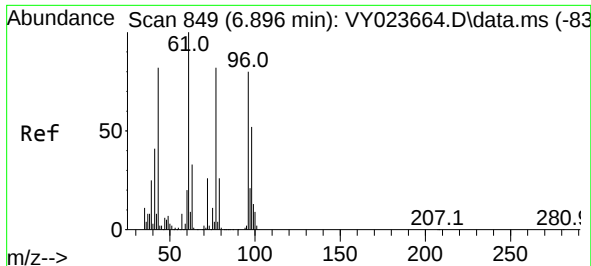
Tgt Ion: 43 Resp: 2067448
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 50.976 ug/l
 RT: 5.914 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY023772.D
 Acq: 12 Nov 2025 18:28

Tgt Ion: 63 Resp: 475143
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.0 11.9
 100 5.2 2.6 7.8

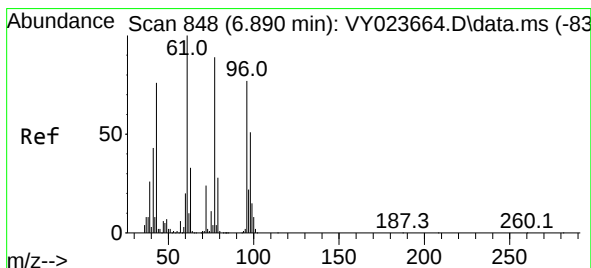
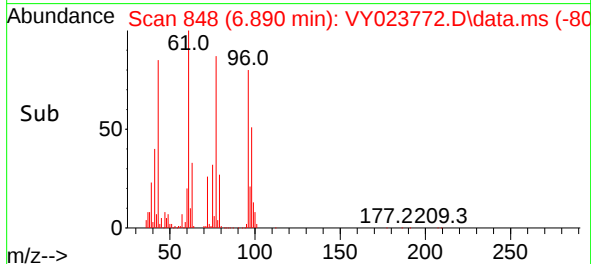
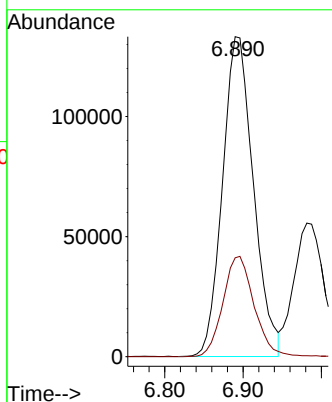
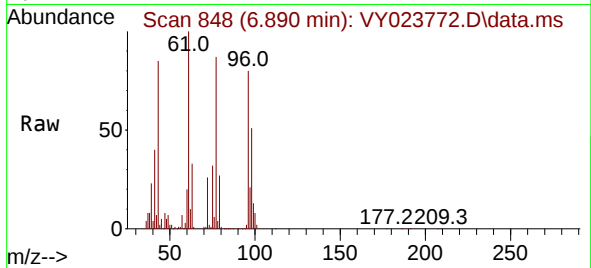




#25
2-Butanone
Concen: 257.797 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

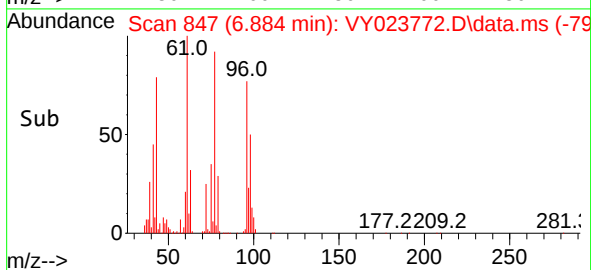
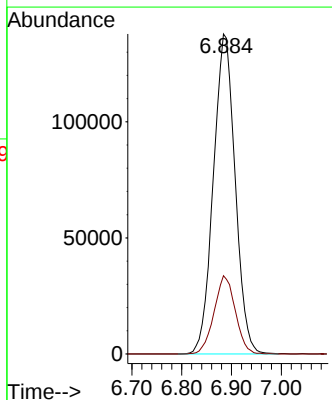
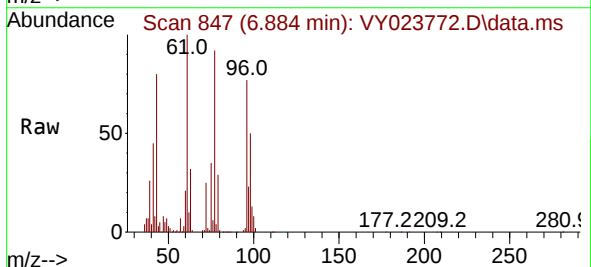
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

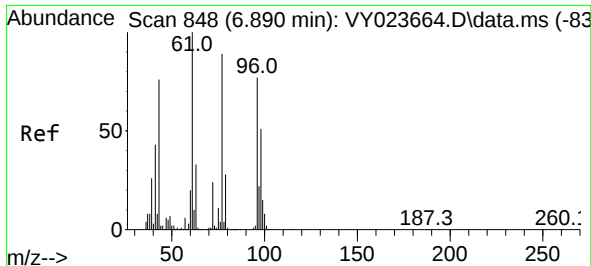
Tgt Ion: 43 Resp: 364903
Ion Ratio Lower Upper
43 100
72 30.9 25.7 38.5



#26
2,2-Dichloropropane
Concen: 48.822 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 77 Resp: 418598
Ion Ratio Lower Upper
77 100
97 23.8 12.0 36.1

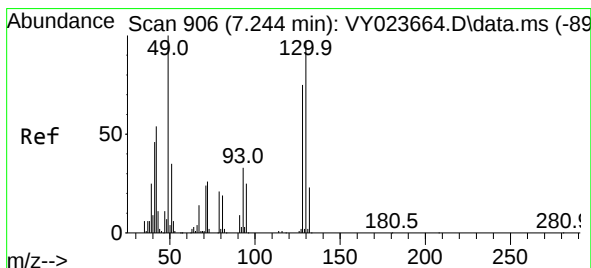
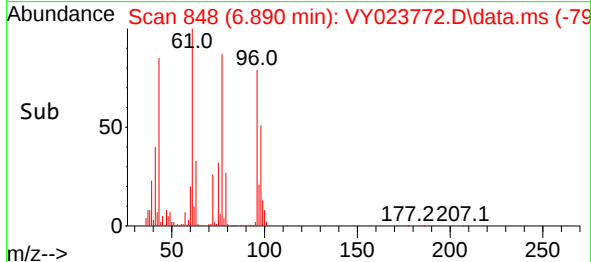
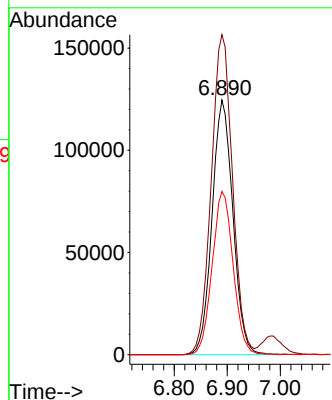
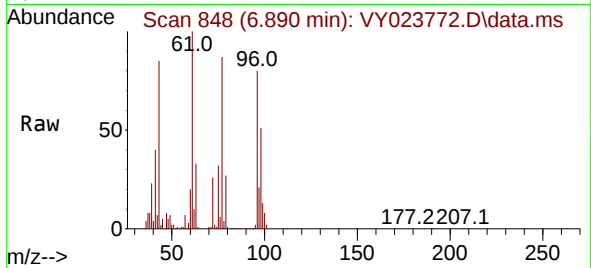




#27
 cis-1,2-Dichloroethene
 Concen: 51.249 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY023772.D
 Acq: 12 Nov 2025 18:28

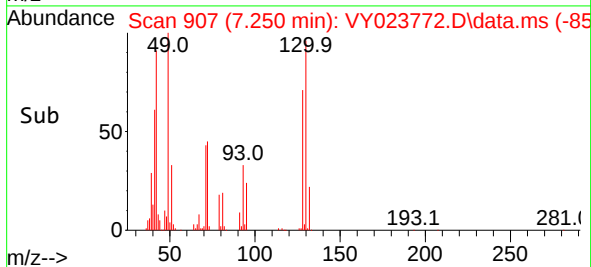
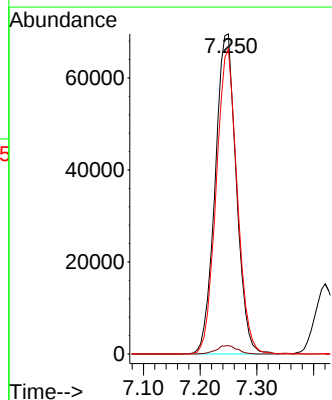
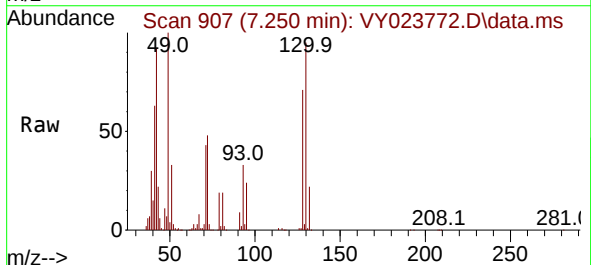
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

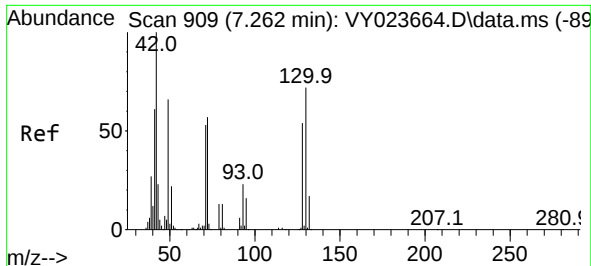
Tgt Ion: 96 Resp: 340453
 Ion Ratio Lower Upper
 96 100
 61 128.2 0.0 255.0
 98 64.5 0.0 129.8



#28
 Bromochloromethane
 Concen: 50.489 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY023772.D
 Acq: 12 Nov 2025 18:28

Tgt Ion: 49 Resp: 180195
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.0
 130 94.3 80.1 120.1





#29

Tetrahydrofuran

Concen: 280.786 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023772.D

Acq: 12 Nov 2025 18:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

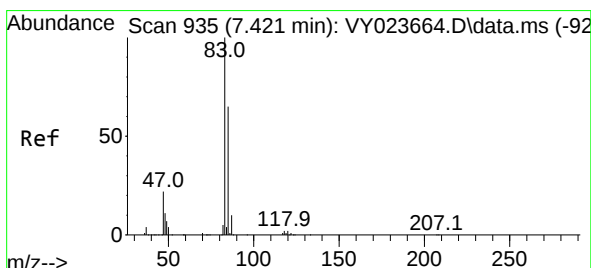
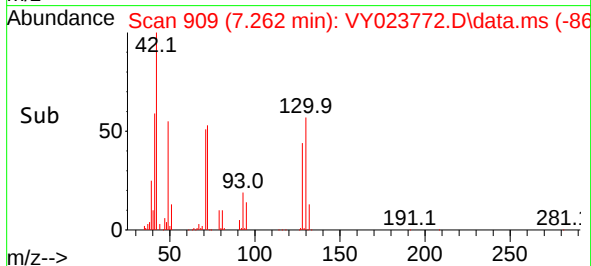
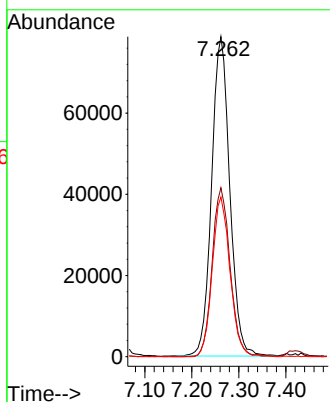
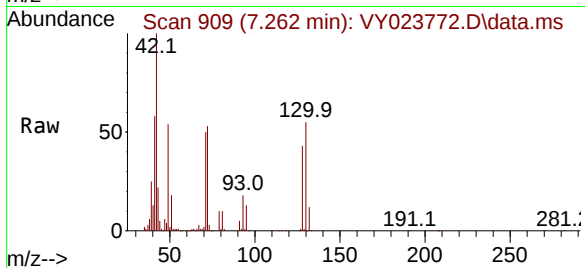
Tgt Ion: 42 Resp: 211665

Ion Ratio Lower Upper

42 100

72 52.2 43.4 65.2

71 48.9 40.7 61.1



#30

Chloroform

Concen: 50.504 ug/l

RT: 7.420 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY023772.D

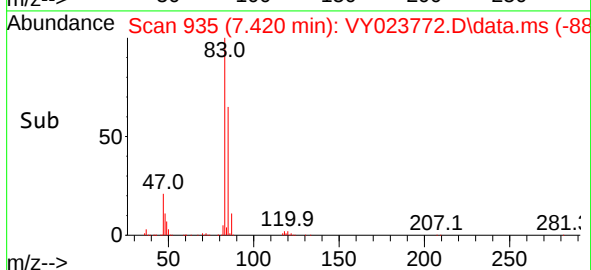
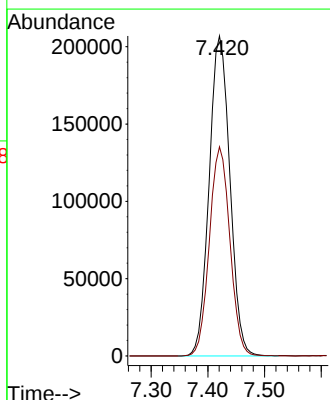
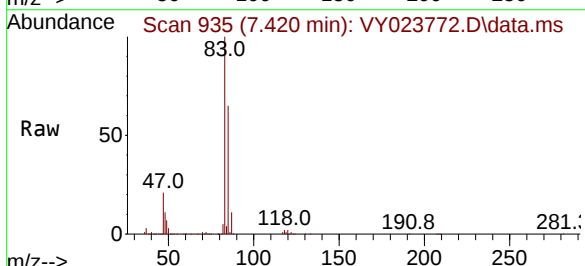
Acq: 12 Nov 2025 18:28

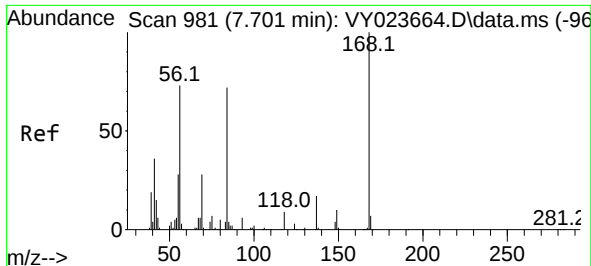
Tgt Ion: 83 Resp: 525227

Ion Ratio Lower Upper

83 100

85 65.4 52.1 78.1

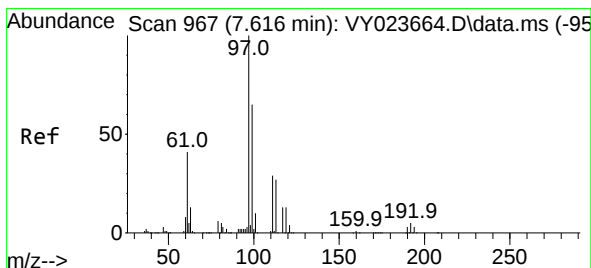
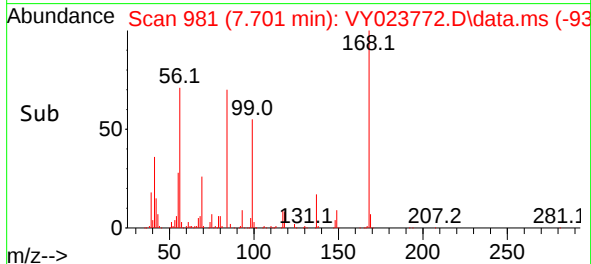
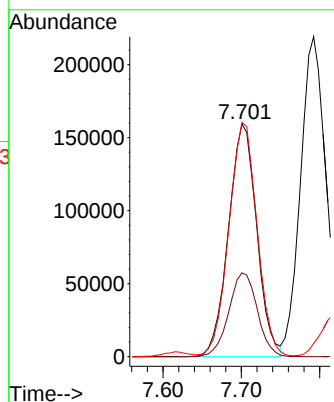
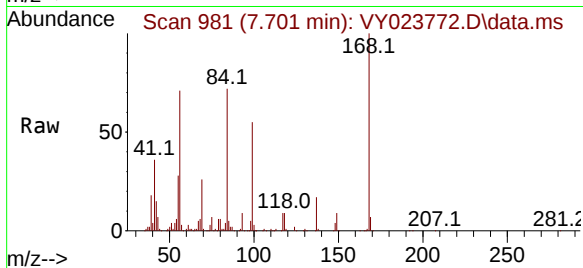




#31
Cyclohexane
Concen: 49.194 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

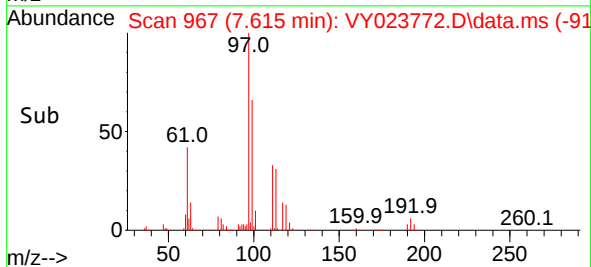
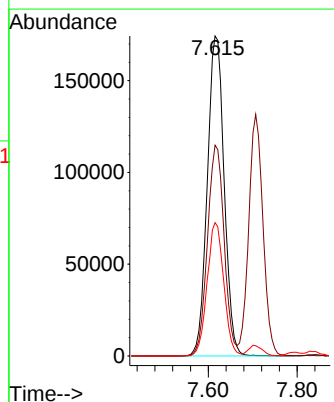
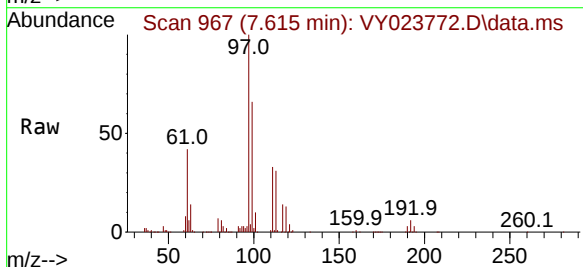
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

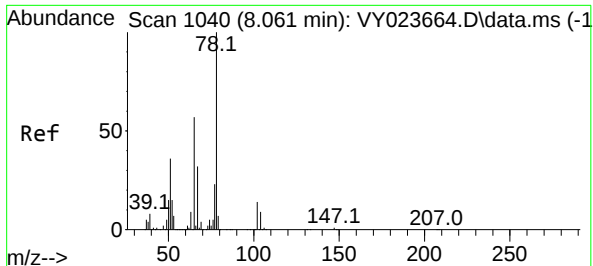
Tgt Ion: 56 Resp: 399329
Ion Ratio Lower Upper
56 100
69 36.0 30.5 45.7
84 98.7 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 49.504 ug/l
RT: 7.615 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 97 Resp: 460141
Ion Ratio Lower Upper
97 100
99 65.1 51.5 77.3
61 41.0 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 50.807 ug/l

RT: 8.060 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY023772.D

Acq: 12 Nov 2025 18:28

Instrument :

MSVOA_Y

ClientSampleId :

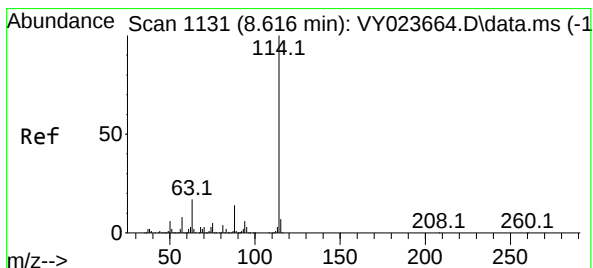
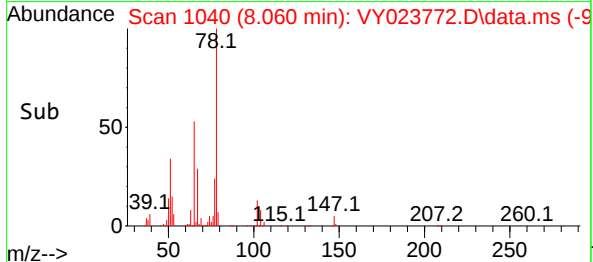
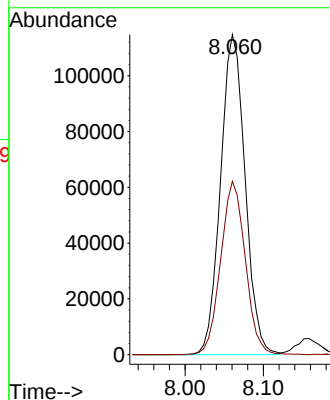
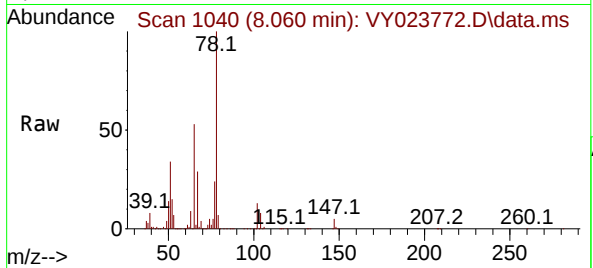
VSTDCCC050EC

Tgt Ion: 65 Resp: 250237

Ion Ratio Lower Upper

65 100

67 54.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023772.D

Acq: 12 Nov 2025 18:28

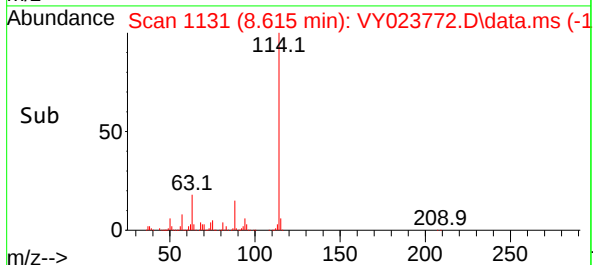
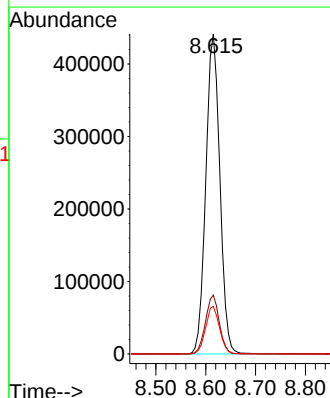
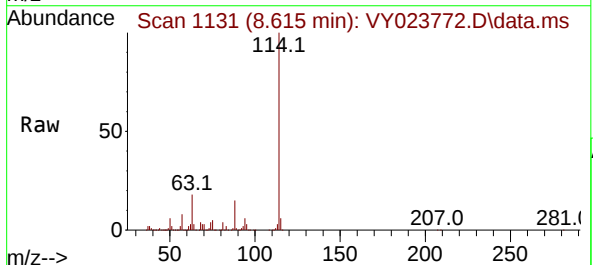
Tgt Ion: 114 Resp: 862346

Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.8

88 14.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.579 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY023772.D

Acq: 12 Nov 2025 18:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

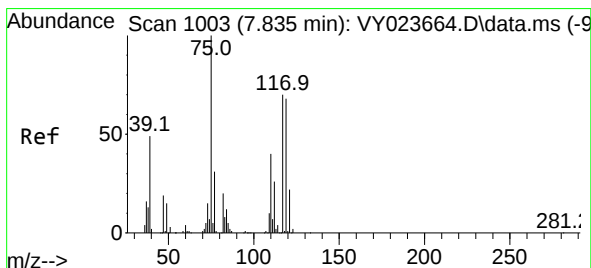
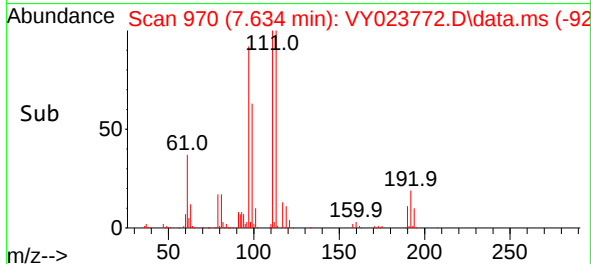
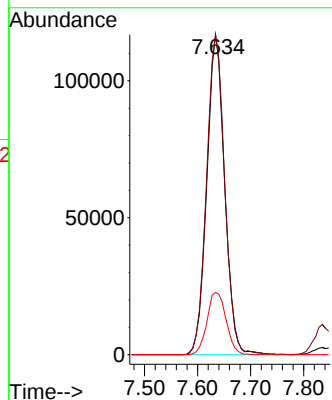
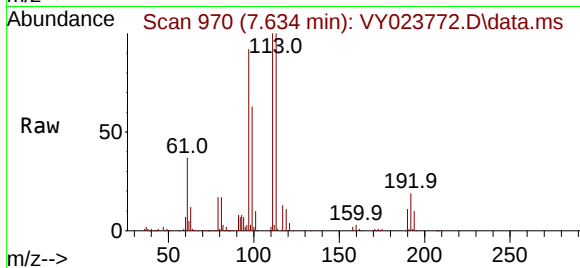
Tgt Ion:113 Resp: 272574

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 20.9 17.3 25.9



#36

1,1-Dichloropropene

Concen: 49.882 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VY023772.D

Acq: 12 Nov 2025 18:28

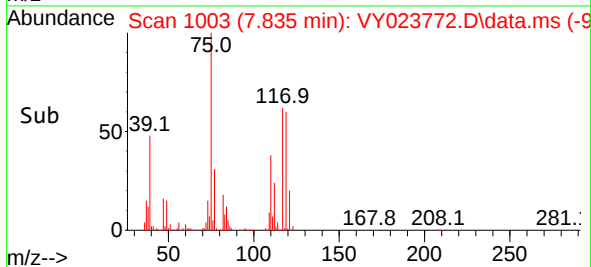
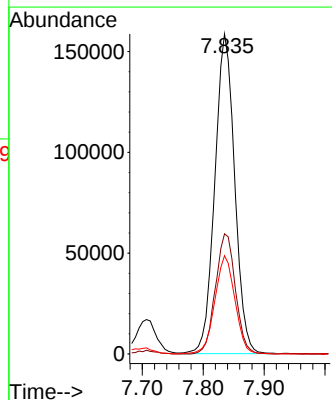
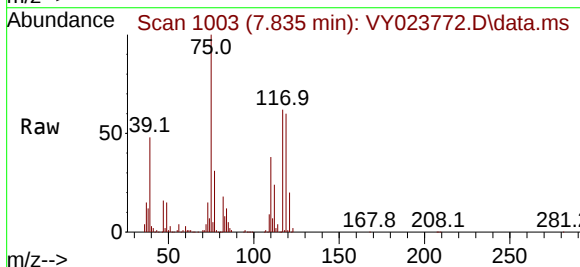
Tgt Ion: 75 Resp: 359214

Ion Ratio Lower Upper

75 100

110 37.9 19.7 59.0

77 31.2 25.2 37.8





#37

Ethyl Acetate

Concen: 55.622 ug/l

RT: 6.981 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY023772.D

Acq: 12 Nov 2025 18:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

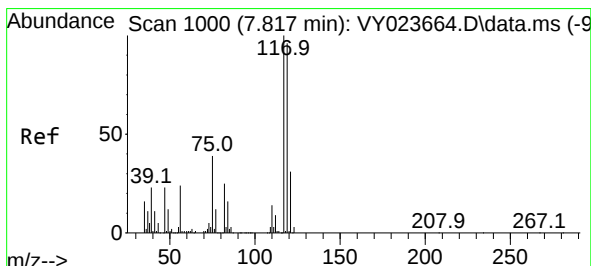
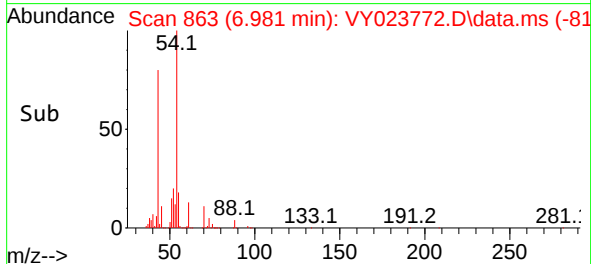
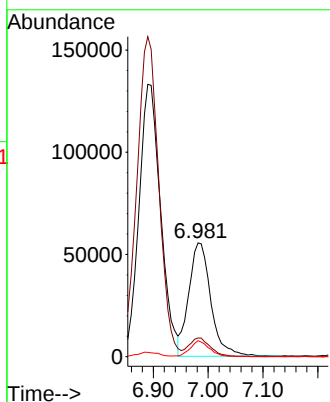
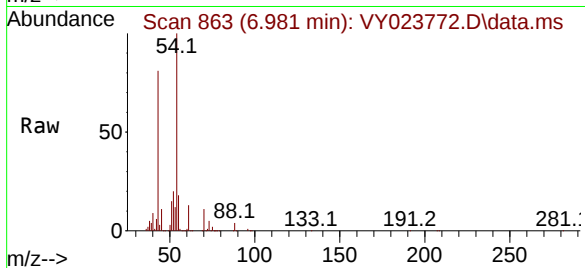
Tgt Ion: 43 Resp: 155061

Ion Ratio Lower Upper

43 100

61 16.4 12.4 18.6

70 12.4 9.8 14.8



#38

Carbon Tetrachloride

Concen: 49.570 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY023772.D

Acq: 12 Nov 2025 18:28

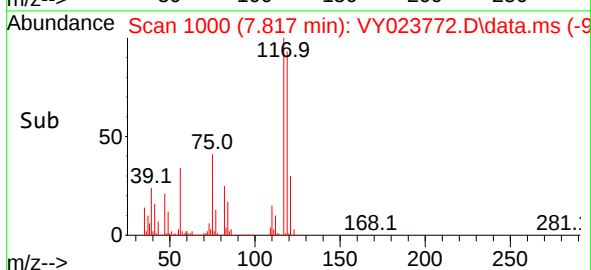
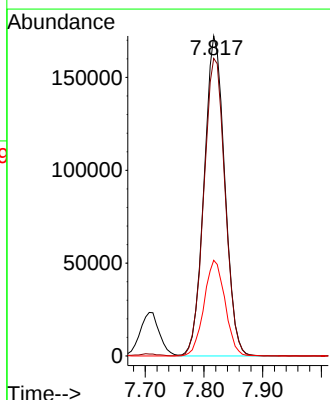
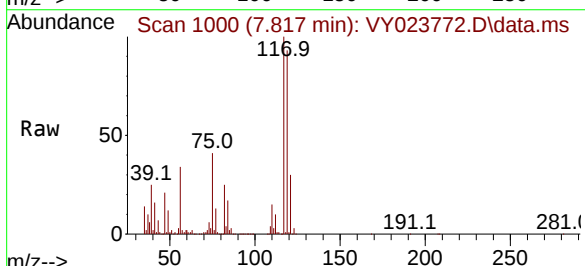
Tgt Ion: 117 Resp: 420581

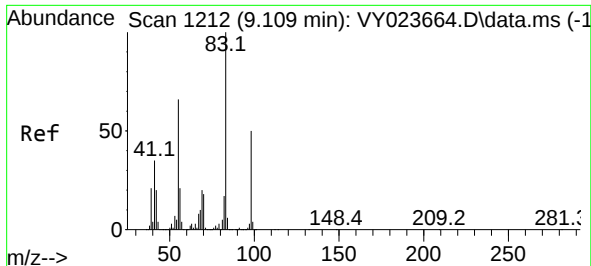
Ion Ratio Lower Upper

117 100

119 93.0 76.3 114.5

121 29.9 24.8 37.2

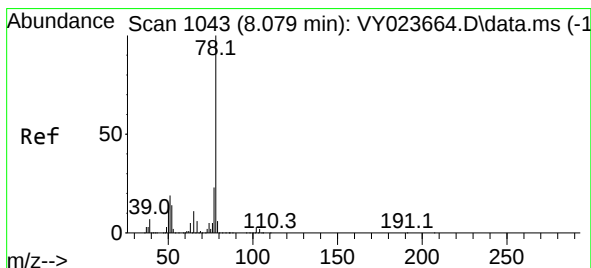
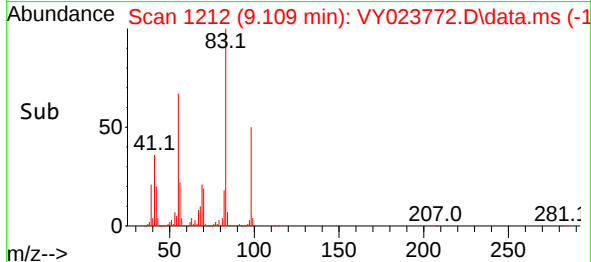
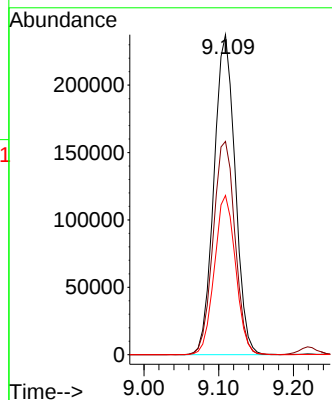
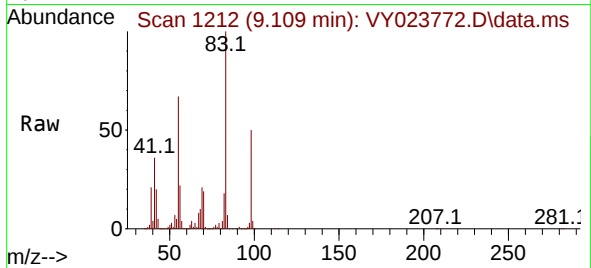




#39
Methylcyclohexane
Concen: 50.736 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

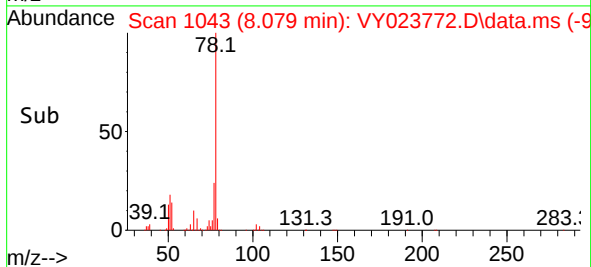
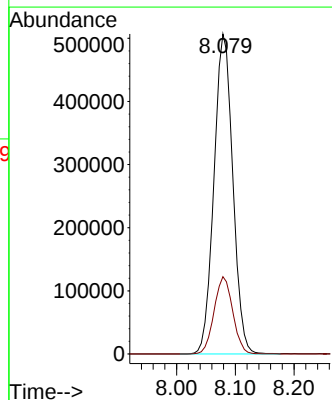
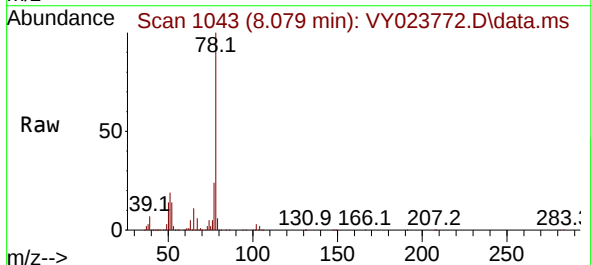
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

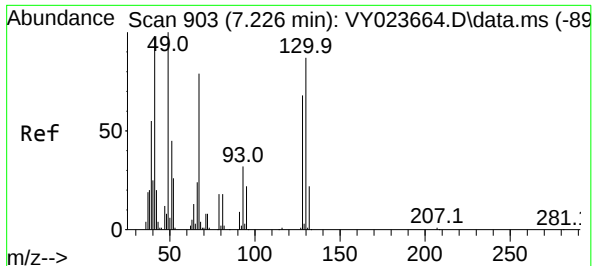
Tgt Ion: 83 Resp: 466839
Ion Ratio Lower Upper
83 100
55 66.6 52.6 78.8
98 49.8 39.7 59.5



#40
Benzene
Concen: 49.707 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 78 Resp: 1128287
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2

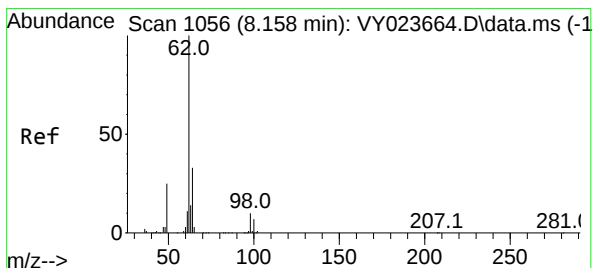
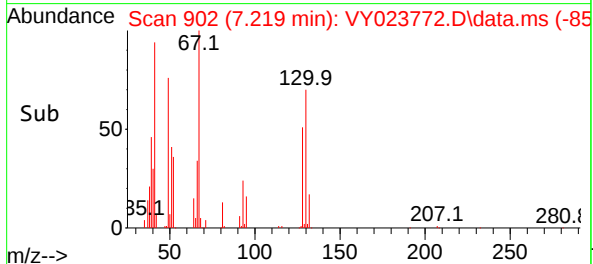
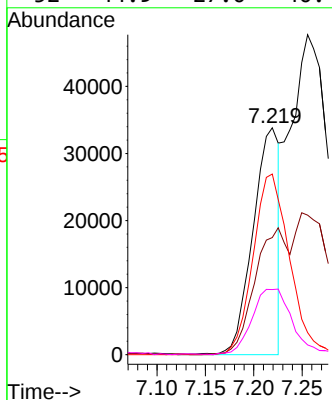
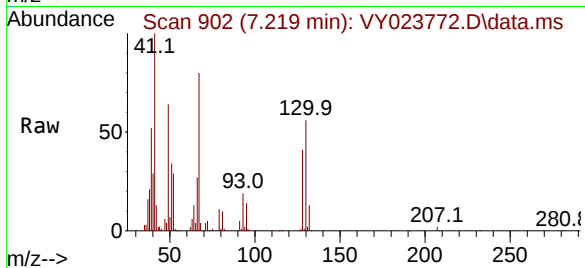




#41
Methacrylonitrile
Concen: 41.930 ug/l
RT: 7.219 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

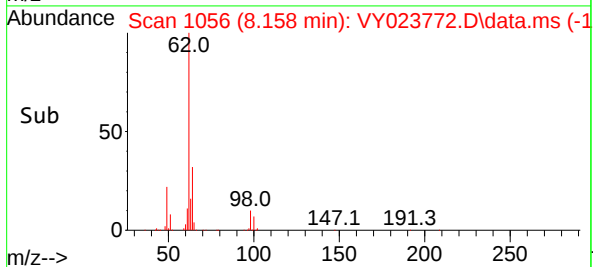
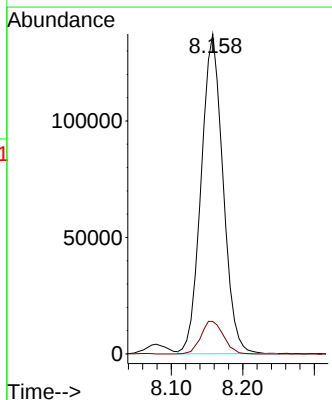
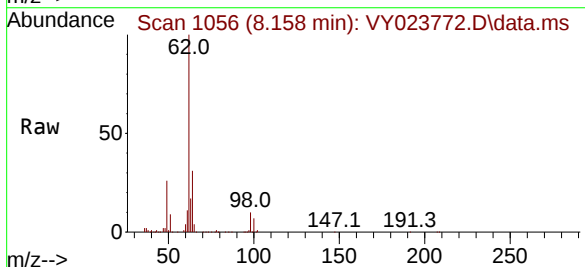
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

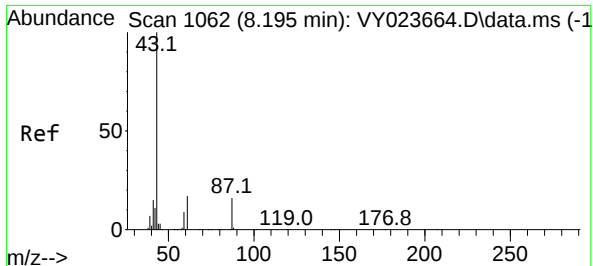
Tgt Ion: 41 Resp: 63804
Ion Ratio Lower Upper
41 100
39 72.1 38.6 57.8#
67 110.2 71.3 106.9#
52 44.9 27.0 40.4#



#42
1,2-Dichloroethane
Concen: 50.720 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 62 Resp: 291271
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.0

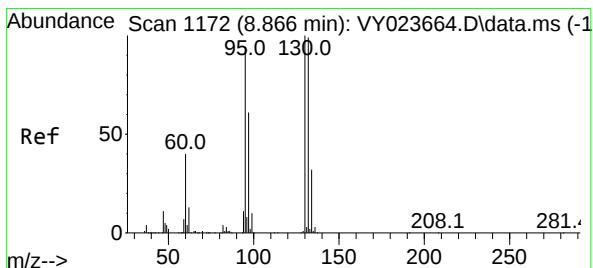
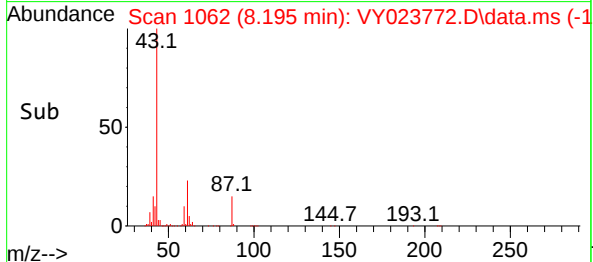
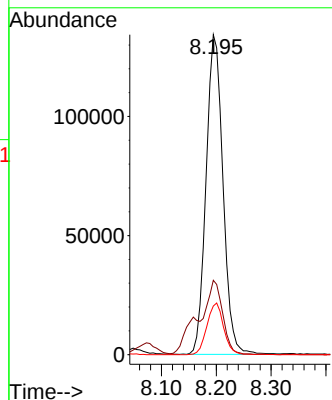
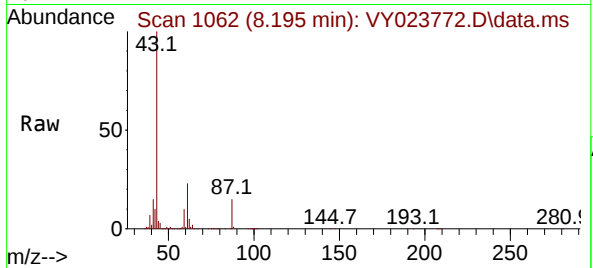




#43
Isopropyl Acetate
Concen: 54.771 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

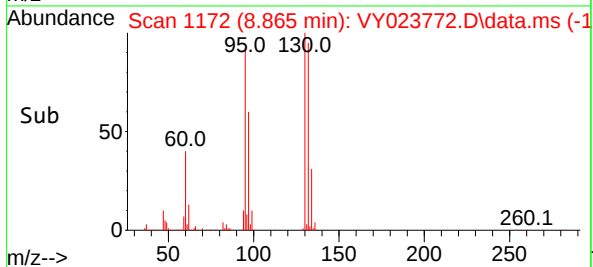
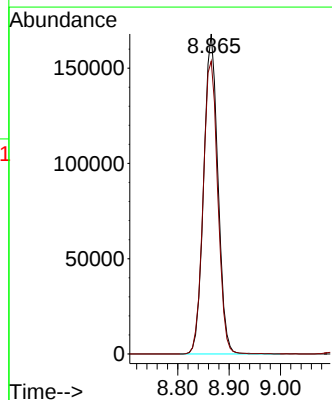
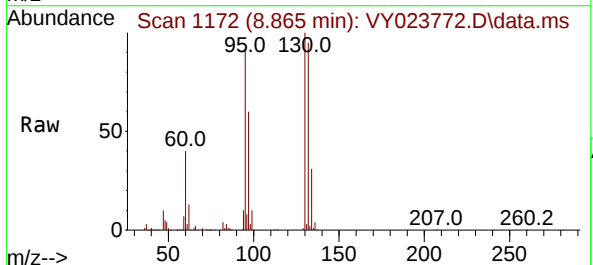
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

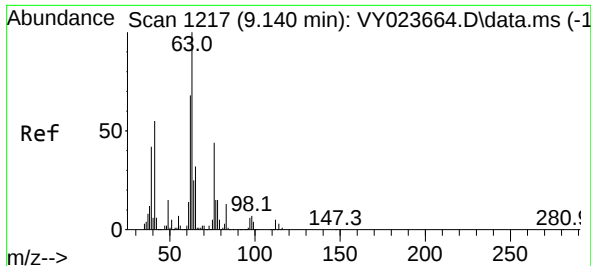
Tgt Ion: 43 Resp: 286883
Ion Ratio Lower Upper
43 100
61 22.5 18.2 27.2
87 16.0 13.3 19.9



#44
Trichloroethene
Concen: 49.328 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion:130 Resp: 321599
Ion Ratio Lower Upper
130 100
95 91.5 0.0 187.0





#45

1,2-Dichloropropane

Concen: 51.218 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023772.D

Acq: 12 Nov 2025 18:28

Instrument :

MSVOA_Y

ClientSampleId :

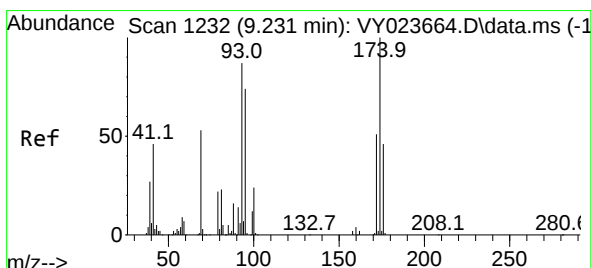
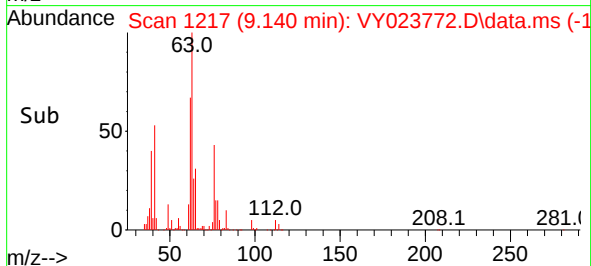
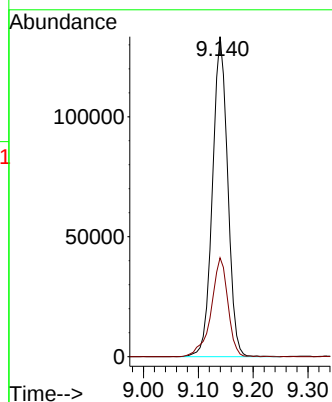
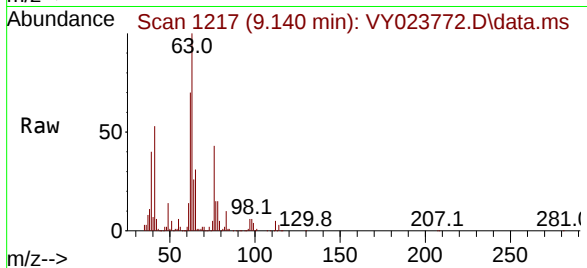
VSTDCCC050EC

Tgt Ion: 63 Resp: 256585

Ion Ratio Lower Upper

63 100

65 30.9 25.6 38.4



#46

Dibromomethane

Concen: 50.641 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023772.D

Acq: 12 Nov 2025 18:28

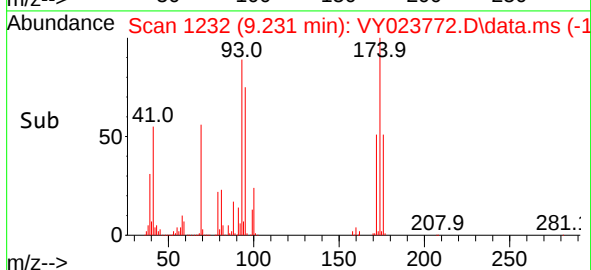
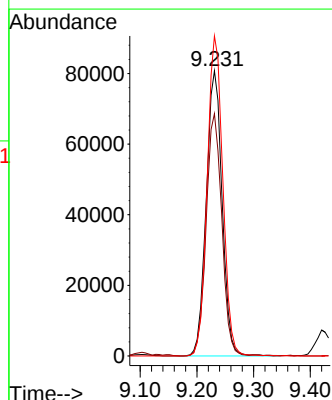
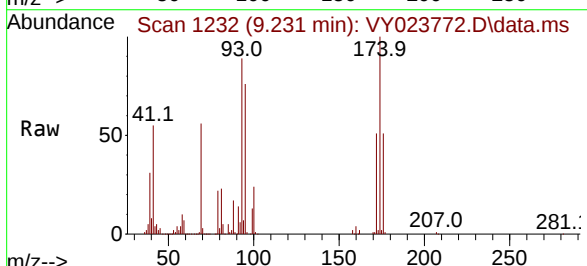
Tgt Ion: 93 Resp: 157189

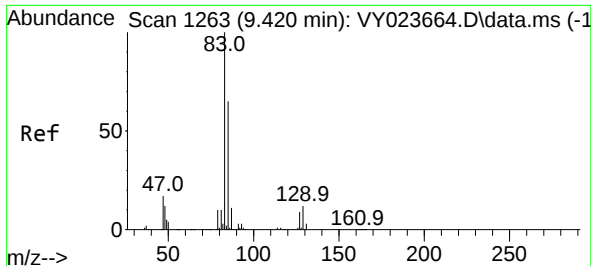
Ion Ratio Lower Upper

93 100

95 83.5 67.4 101.2

174 110.5 89.4 134.0

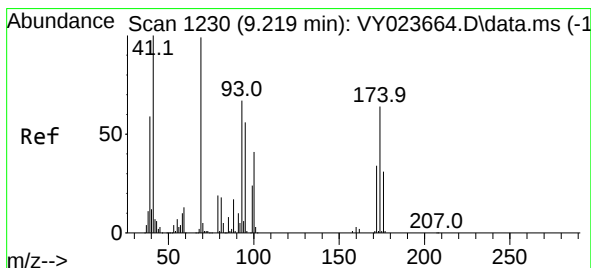
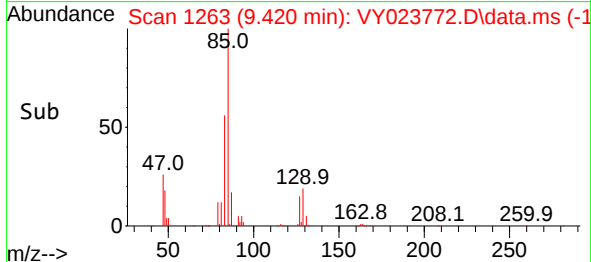
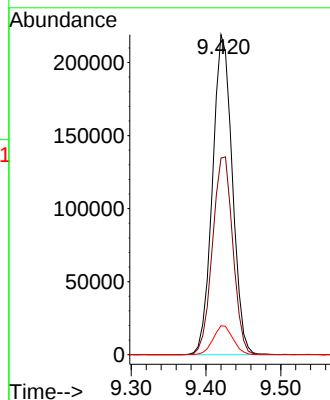
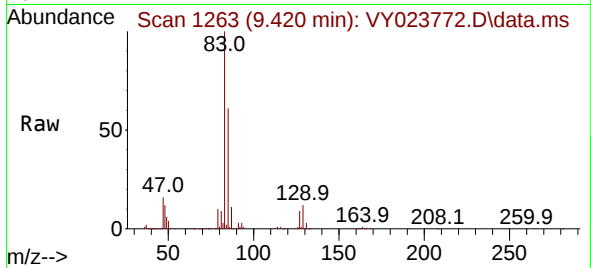




#47
Bromodichloromethane
Concen: 51.491 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

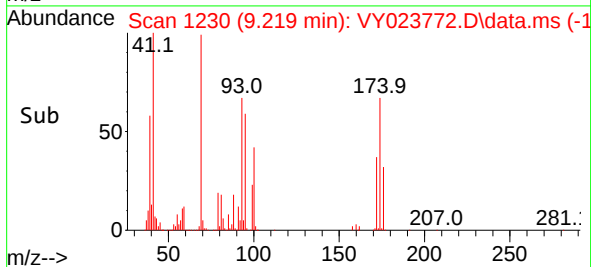
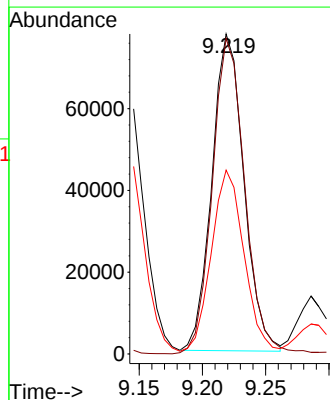
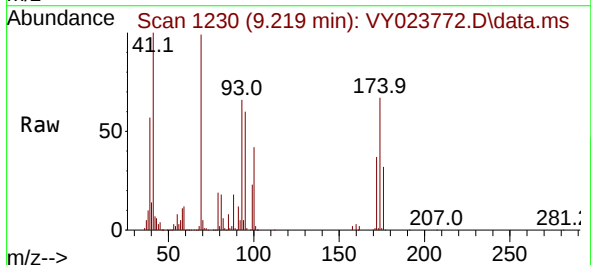
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

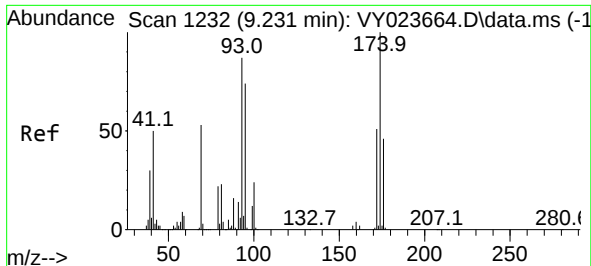
Tgt Ion: 83 Resp: 402962
Ion Ratio Lower Upper
83 100
85 61.4 52.1 78.1
127 9.0 7.5 11.3



#48
Methyl methacrylate
Concen: 55.048 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 41 Resp: 136228
Ion Ratio Lower Upper
41 100
69 101.2 80.2 120.2
39 58.0 47.4 71.0





#49

1,4-Dioxane

Concen: 1106.970 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023772.D

Acq: 12 Nov 2025 18:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

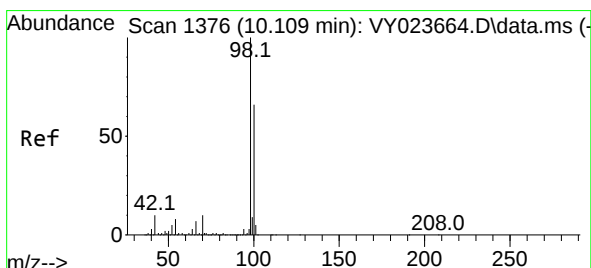
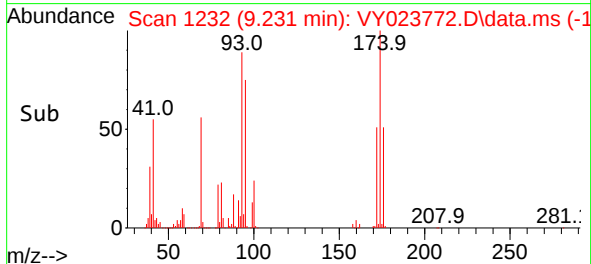
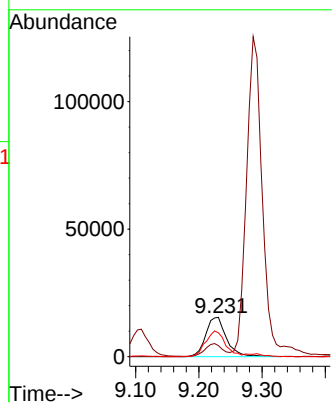
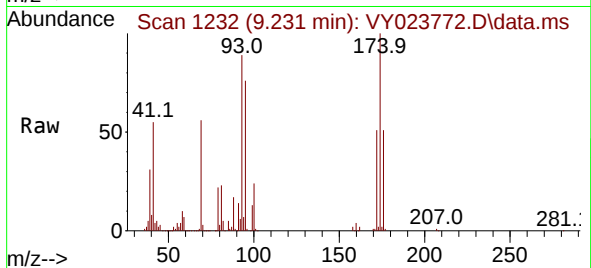
Tgt Ion: 88 Resp: 35164

Ion Ratio Lower Upper

88 100

43 28.2 22.0 33.0

58 62.2 47.8 71.8



#50

Toluene-d8

Concen: 51.201 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY023772.D

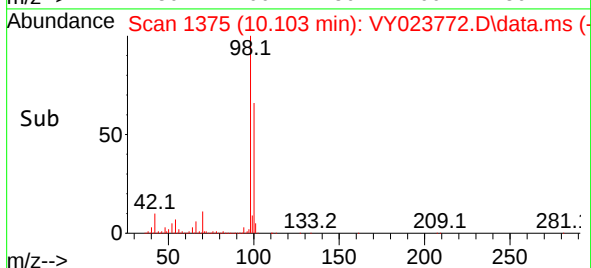
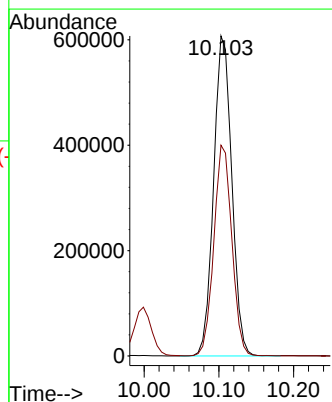
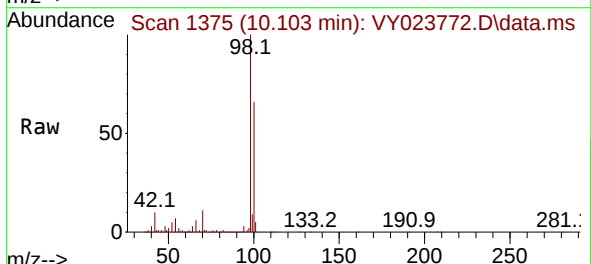
Acq: 12 Nov 2025 18:28

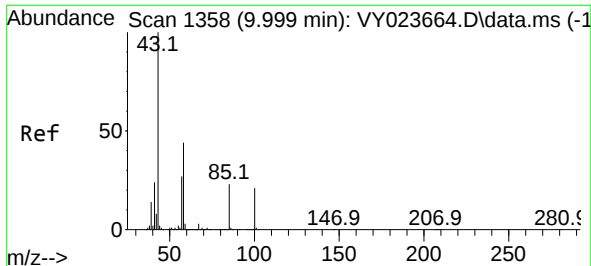
Tgt Ion: 98 Resp: 1027836

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1

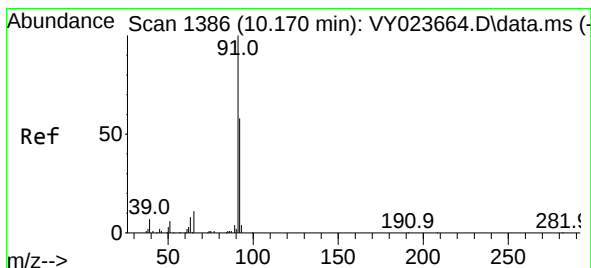
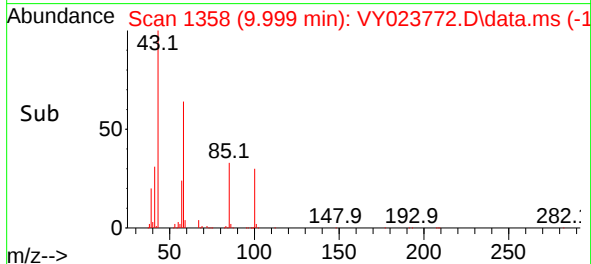
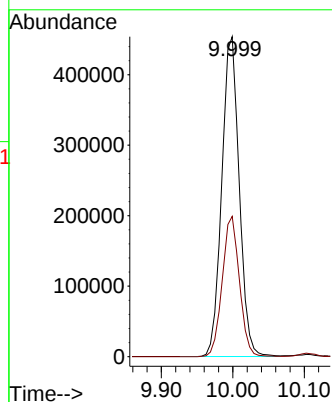
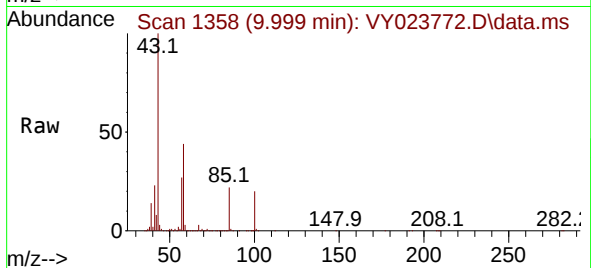




#51
4-Methyl-2-Pentanone
Concen: 276.143 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

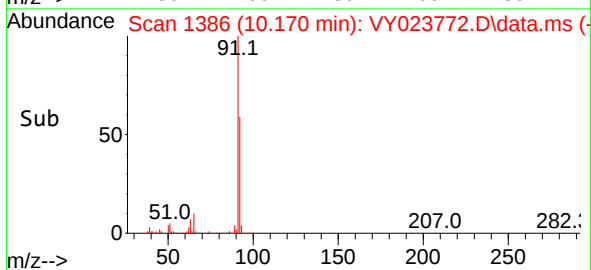
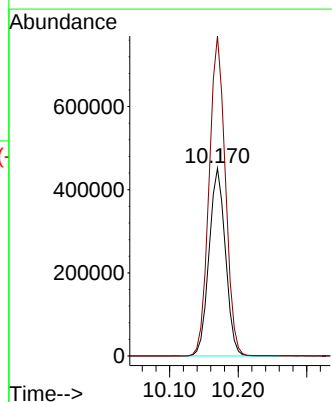
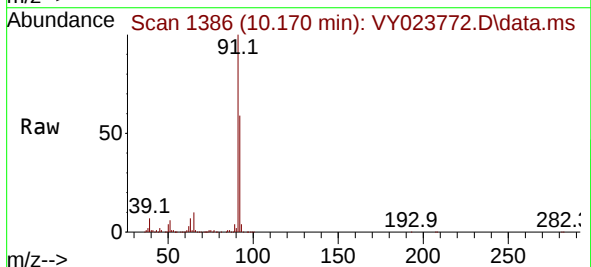
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

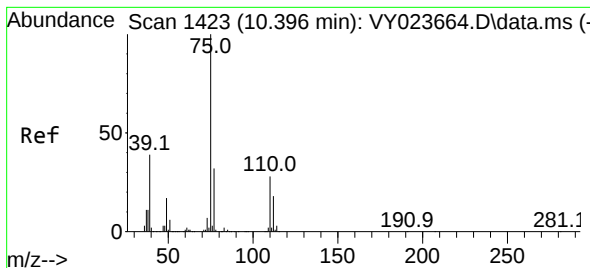
Tgt Ion: 43 Resp: 769210
Ion Ratio Lower Upper
43 100
58 43.3 34.8 52.2



#52
Toluene
Concen: 51.587 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 92 Resp: 747579
Ion Ratio Lower Upper
92 100
91 169.8 137.8 206.8

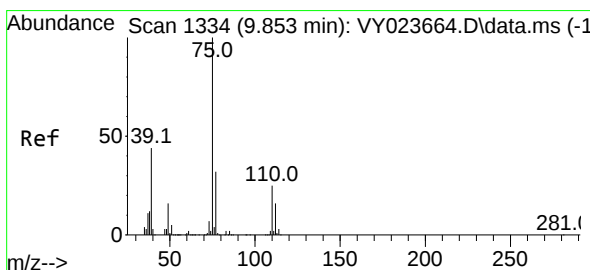
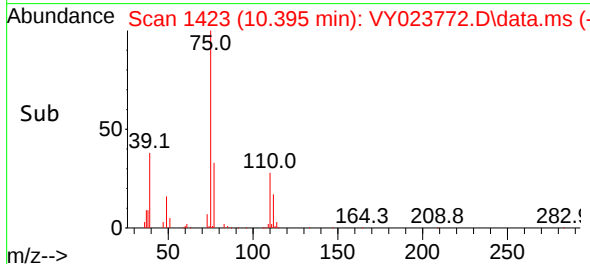
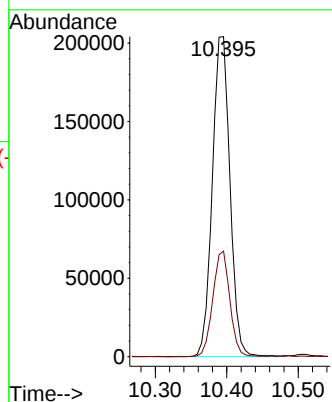
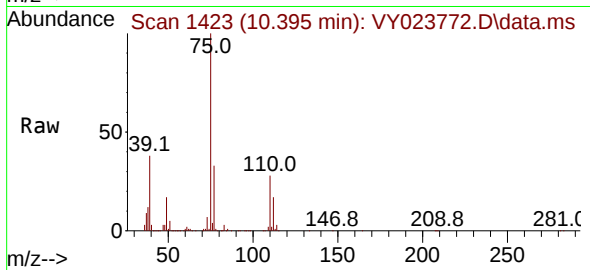




#53
 t-1,3-Dichloropropene
 Concen: 52.865 ug/l
 RT: 10.395 min Scan# 1423
 Delta R.T. -0.000 min
 Lab File: VY023772.D
 Acq: 12 Nov 2025 18:28

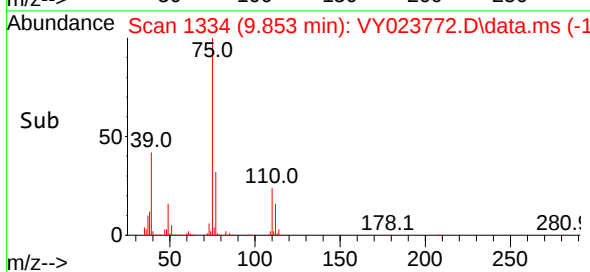
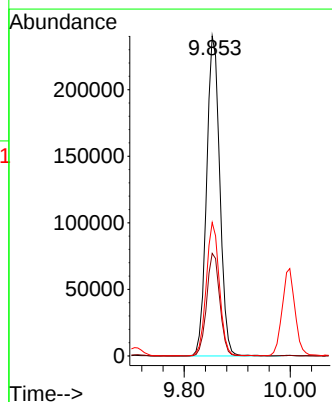
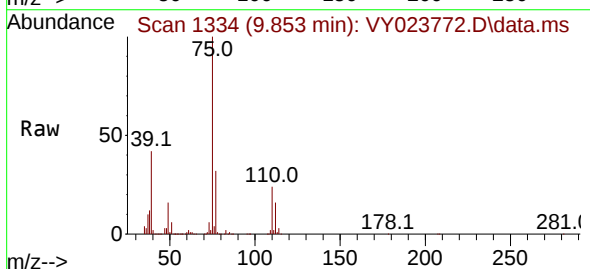
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

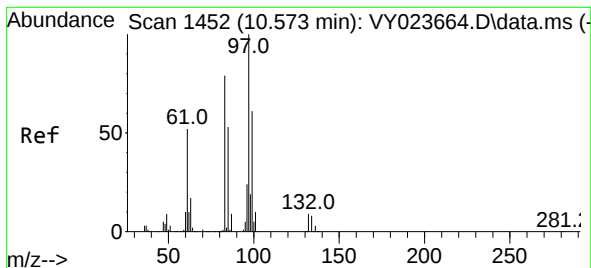
Tgt Ion: 75 Resp: 350061
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 52.185 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY023772.D
 Acq: 12 Nov 2025 18:28

Tgt Ion: 75 Resp: 414012
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.7 38.5
 39 41.6 34.9 52.3





#55

1,1,2-Trichloroethane

Concen: 50.934 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY023772.D

Acq: 12 Nov 2025 18:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 211283

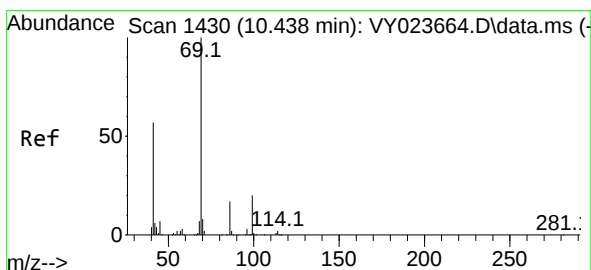
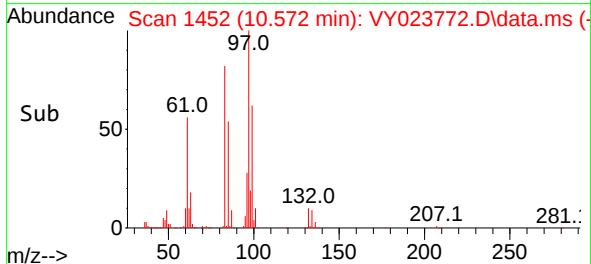
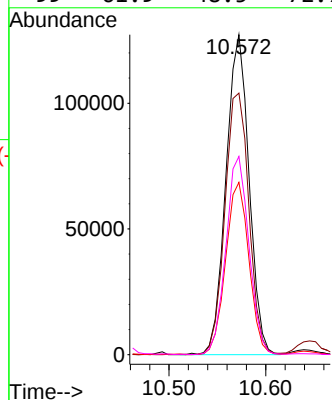
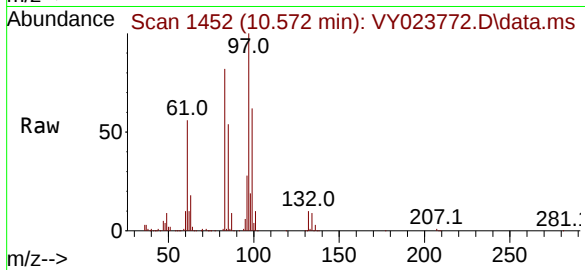
Ion Ratio Lower Upper

97 100

83 81.6 63.3 94.9

85 53.7 42.4 63.6

99 61.9 48.5 72.7



#56

Ethyl methacrylate

Concen: 58.055 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY023772.D

Acq: 12 Nov 2025 18:28

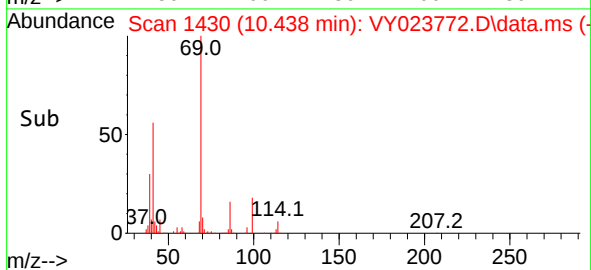
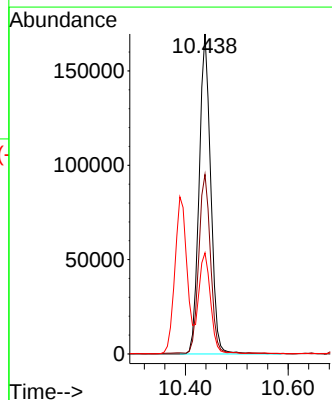
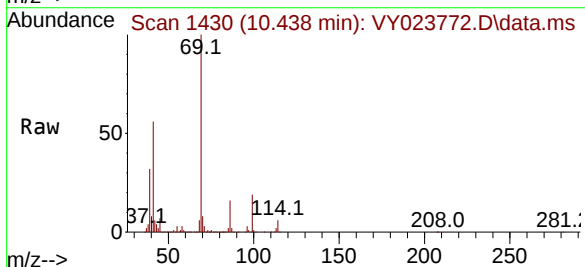
Tgt Ion: 69 Resp: 265337

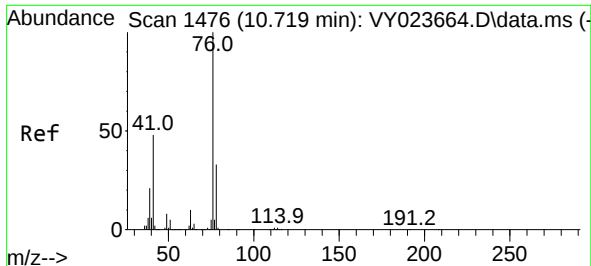
Ion Ratio Lower Upper

69 100

41 56.4 45.0 67.4

39 32.4 25.1 37.7

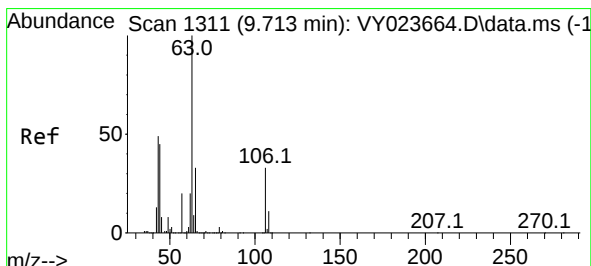
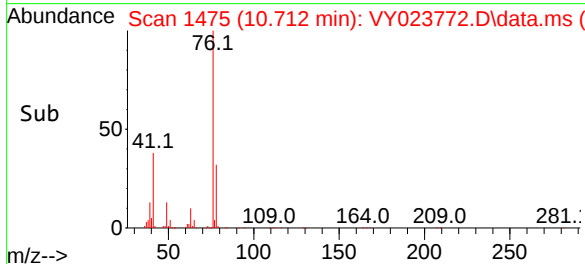
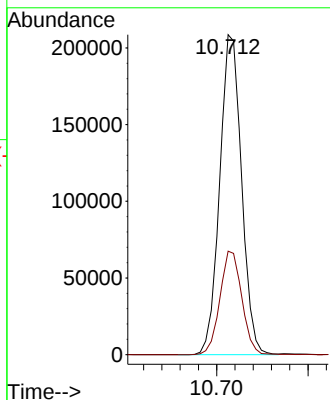
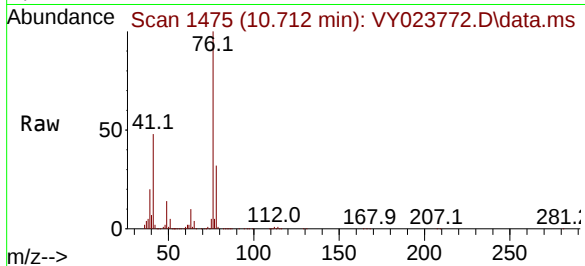




#57
1,3-Dichloropropane
Concen: 52.730 ug/l
RT: 10.712 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

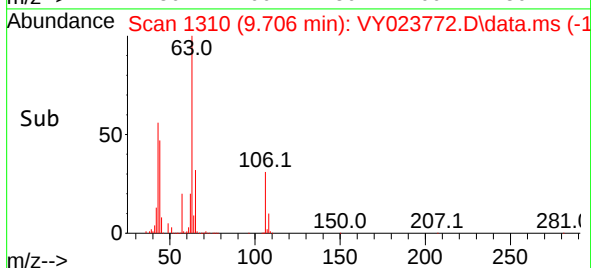
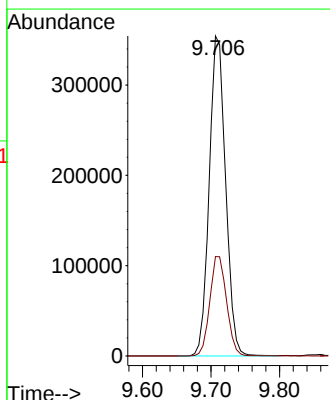
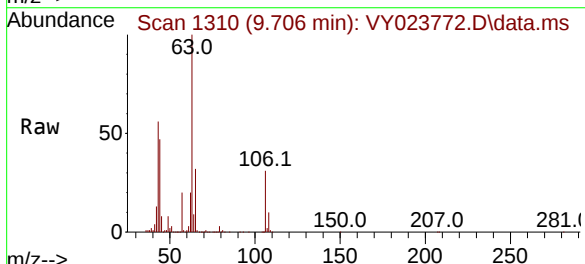
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

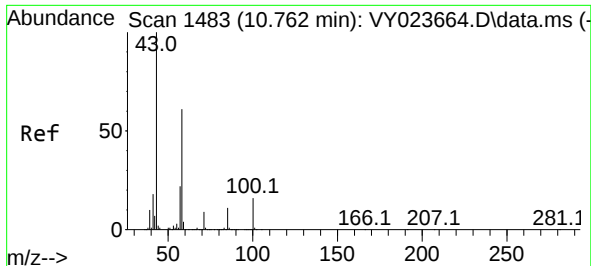
Tgt Ion: 76 Resp: 346948
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 280.755 ug/l
RT: 9.706 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 63 Resp: 588814
Ion Ratio Lower Upper
63 100
106 31.8 26.2 39.2

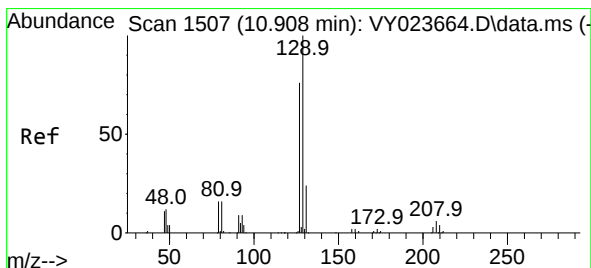
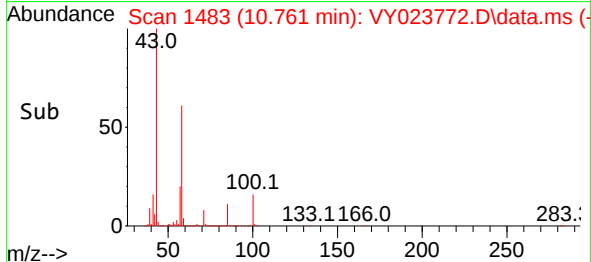
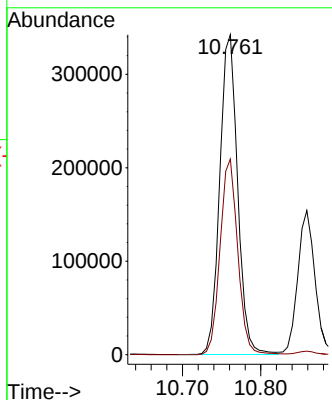
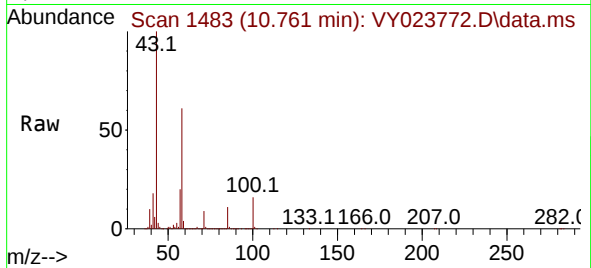




#59
2-Hexanone
Concen: 267.687 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

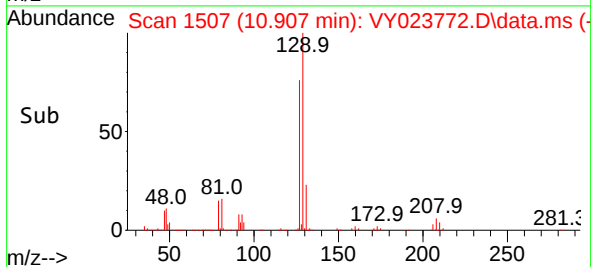
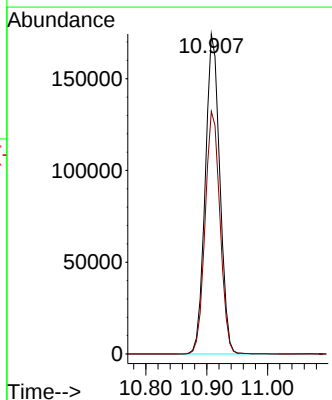
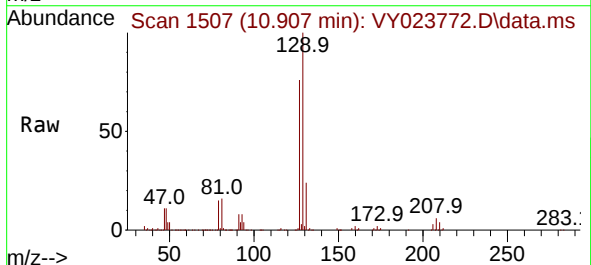
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

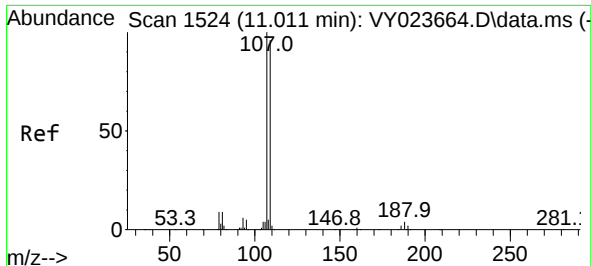
Tgt Ion: 43 Resp: 544010
Ion Ratio Lower Upper
43 100
58 60.5 30.2 90.6



#60
Dibromochloromethane
Concen: 50.834 ug/l
RT: 10.907 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 129 Resp: 289732
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.2

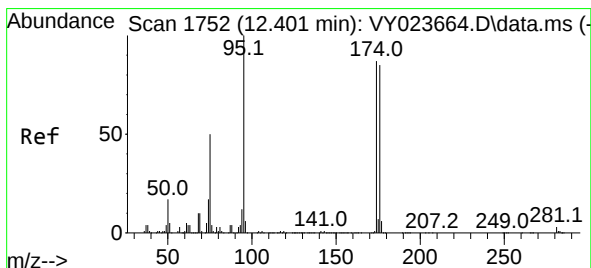
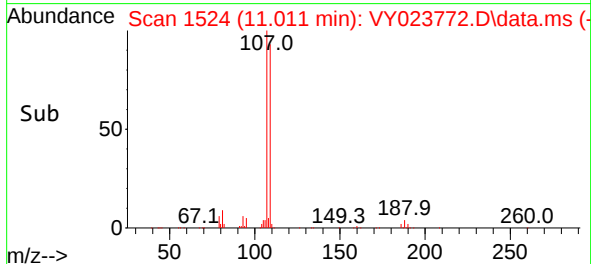
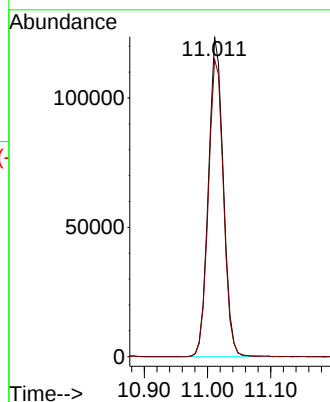
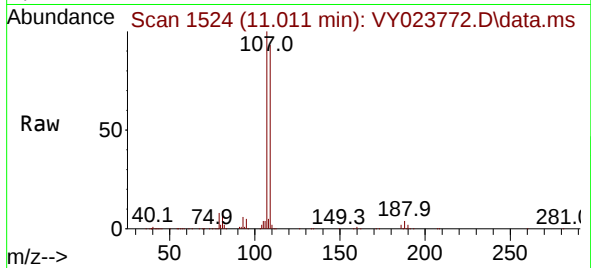




#61
1,2-Dibromoethane
Concen: 52.053 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

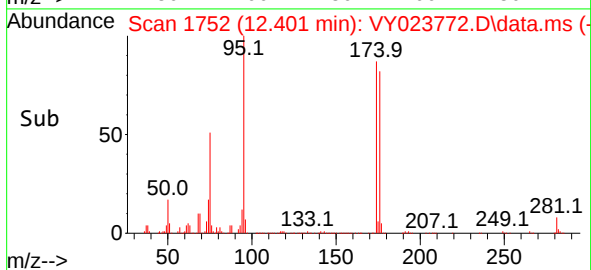
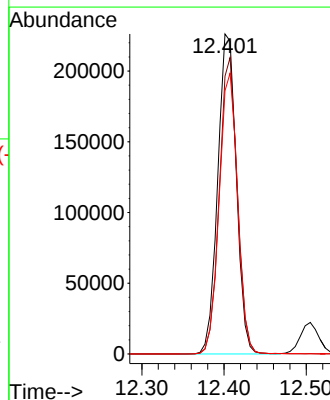
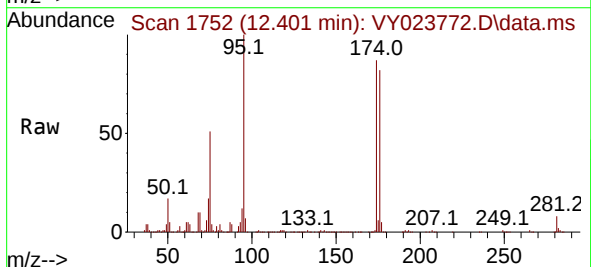
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

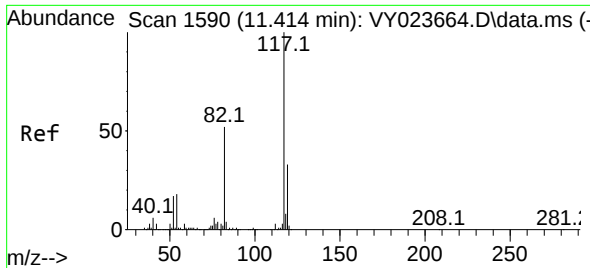
Tgt Ion:107 Resp: 202642
Ion Ratio Lower Upper
107 100
109 94.3 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 54.672 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 95 Resp: 354930
Ion Ratio Lower Upper
95 100
174 90.0 0.0 184.8
176 87.1 0.0 181.6

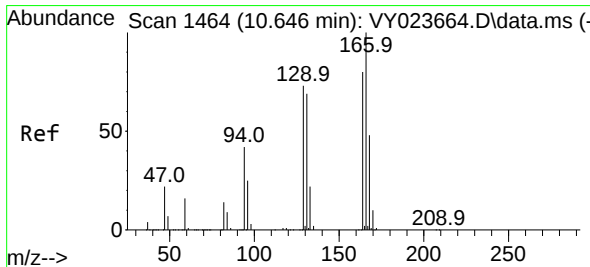
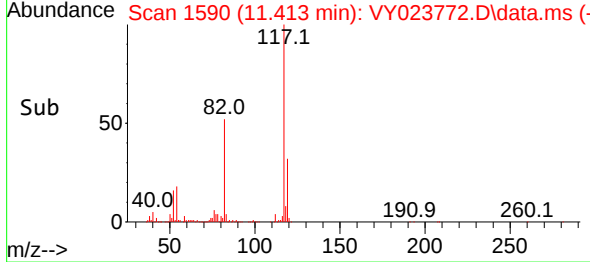
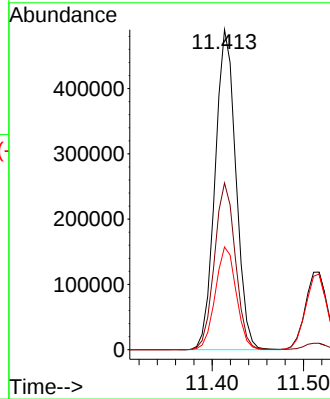
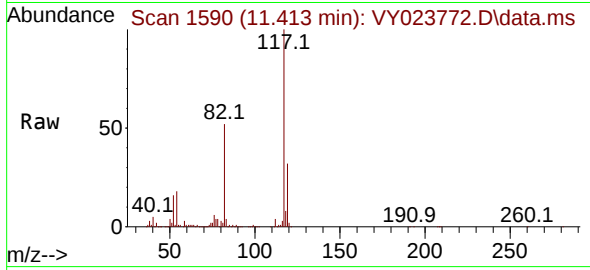




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.413 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

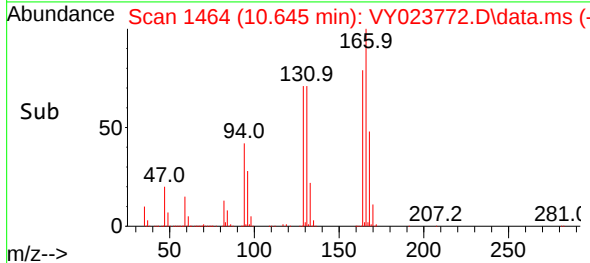
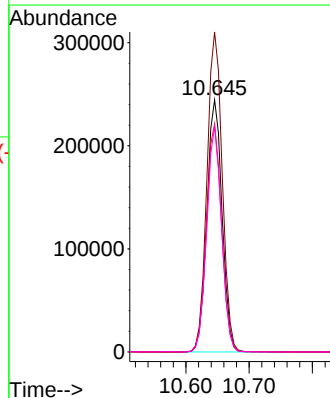
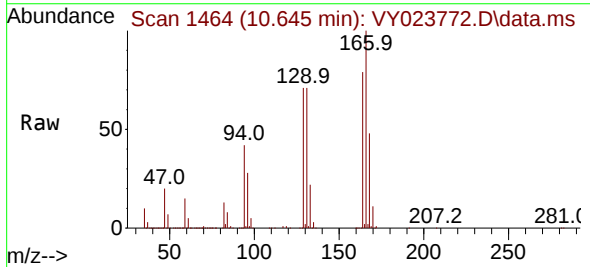
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

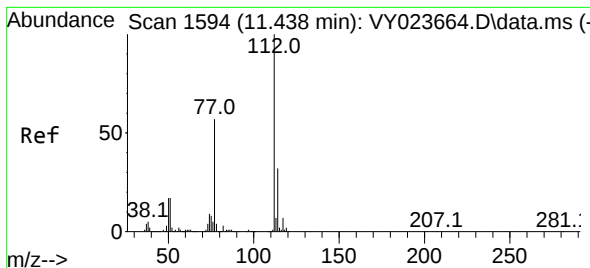
Tgt Ion:117 Resp: 774905
Ion Ratio Lower Upper
117 100
82 52.1 41.2 61.8
119 32.1 26.2 39.2



#64
Tetrachloroethene
Concen: 50.682 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion:164 Resp: 408777
Ion Ratio Lower Upper
164 100
166 126.9 99.5 149.3
129 90.5 72.3 108.5
131 89.5 69.1 103.7

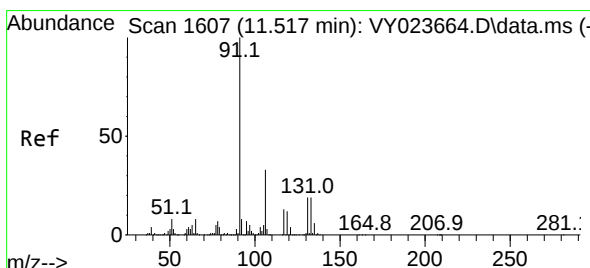
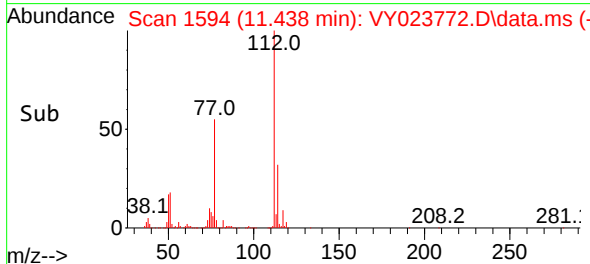
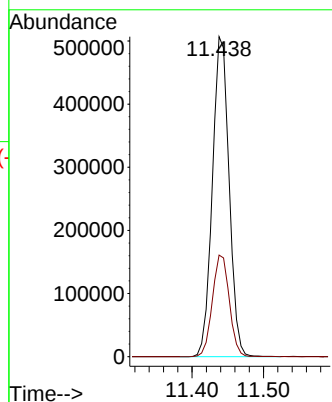
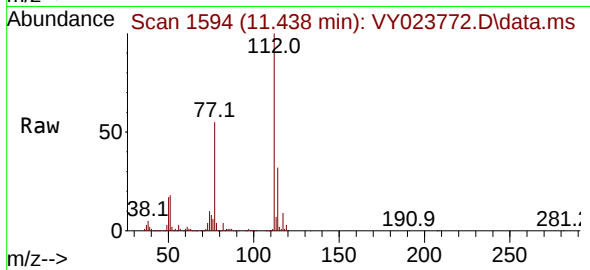




#65
Chlorobenzene
Concen: 48.701 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

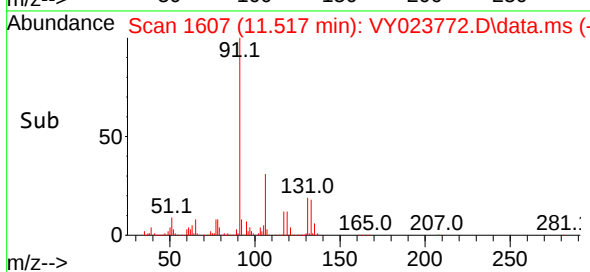
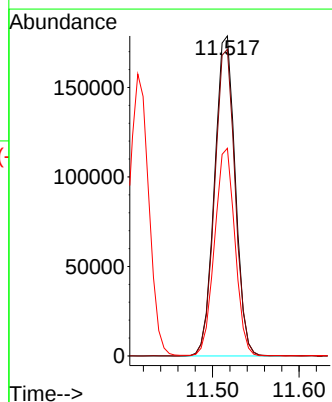
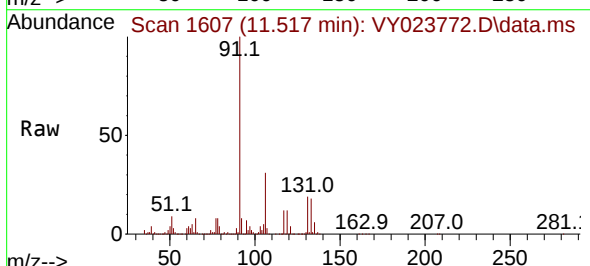
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

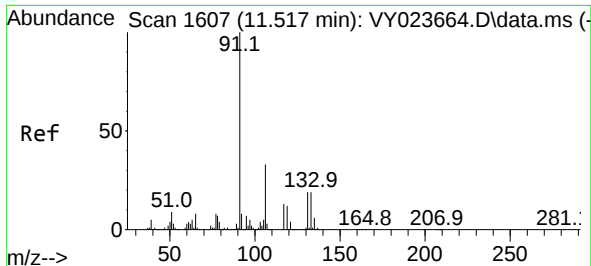
Tgt Ion:112 Resp: 821565
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.634 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion:131 Resp: 296076
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.8
119 64.0 32.5 97.4





#67

Ethyl Benzene

Concen: 51.688 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023772.D

Acq: 12 Nov 2025 18:28

Instrument :

MSVOA_Y

ClientSampleId :

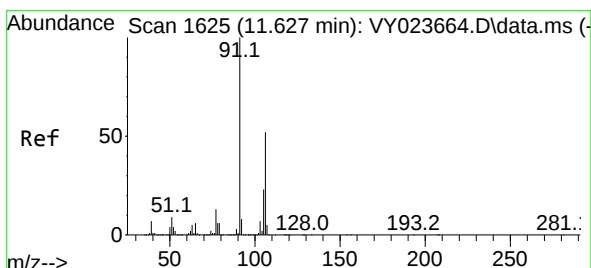
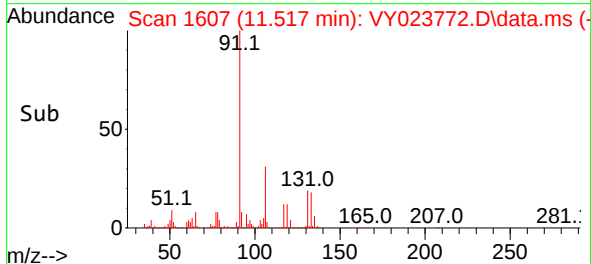
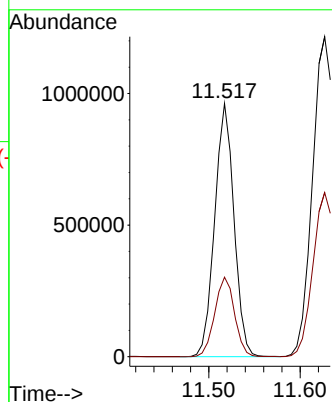
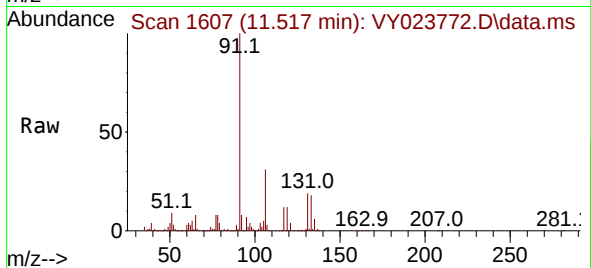
VSTDCCC050EC

Tgt Ion: 91 Resp: 1411232

Ion Ratio Lower Upper

91 100

106 31.4 26.6 40.0



#68

m/p-Xylenes

Concen: 101.558 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023772.D

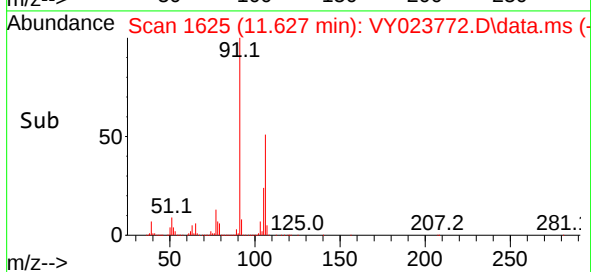
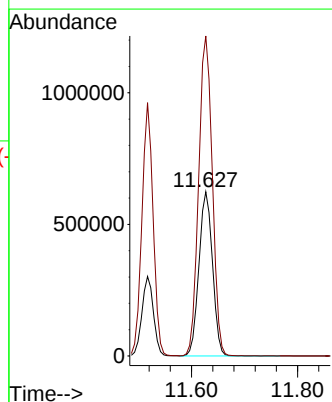
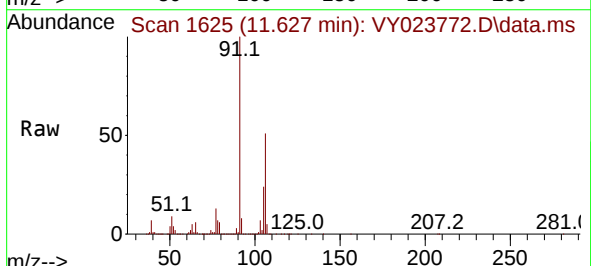
Acq: 12 Nov 2025 18:28

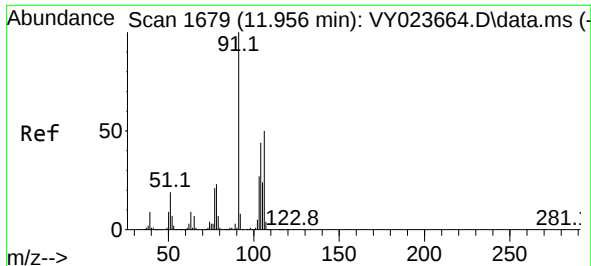
Tgt Ion:106 Resp: 1107847

Ion Ratio Lower Upper

106 100

91 196.3 154.3 231.5

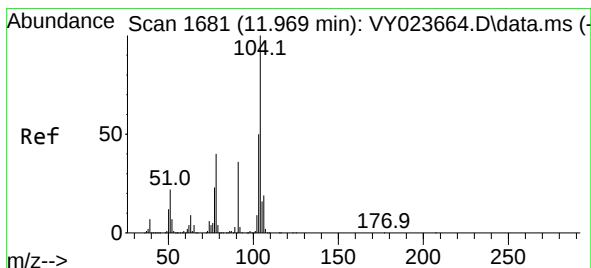
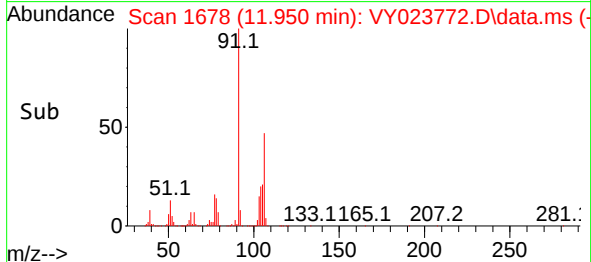
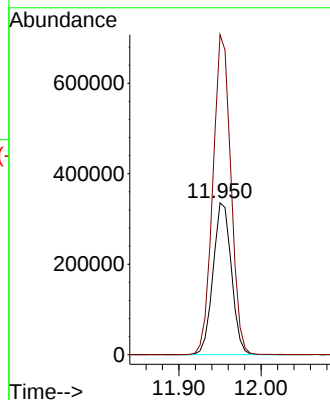
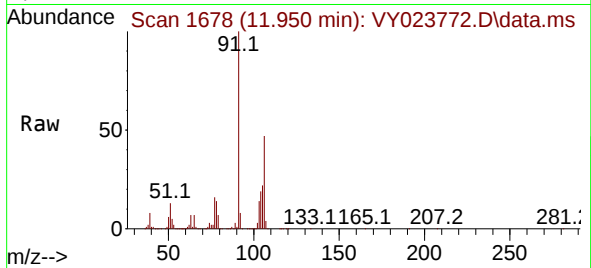




#69
o-Xylene
Concen: 51.519 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

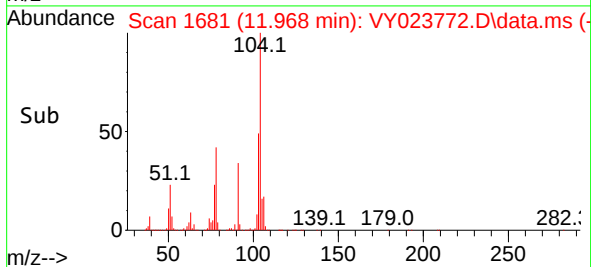
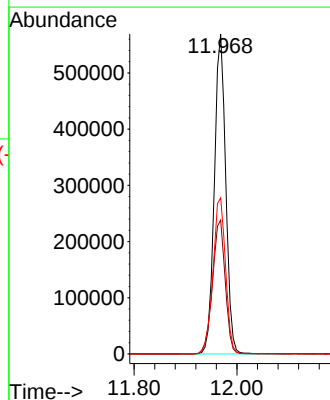
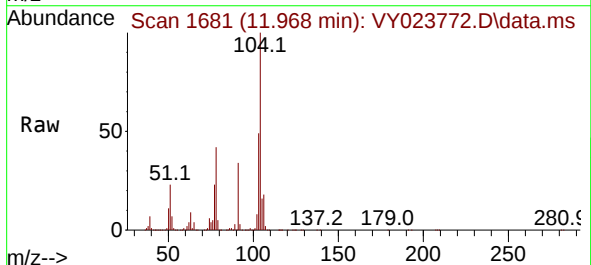
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

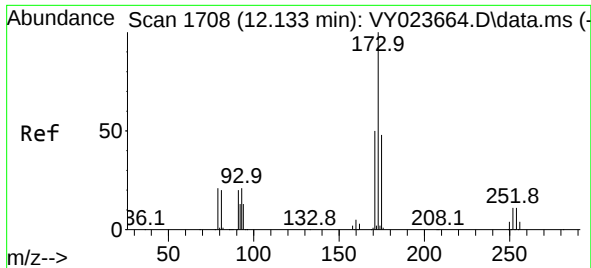
Tgt Ion:106 Resp: 519500
Ion Ratio Lower Upper
106 100
91 207.2 101.6 304.6



#70
Styrene
Concen: 52.636 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion:104 Resp: 875737
Ion Ratio Lower Upper
104 100
78 46.7 36.5 54.7
103 54.1 43.7 65.5

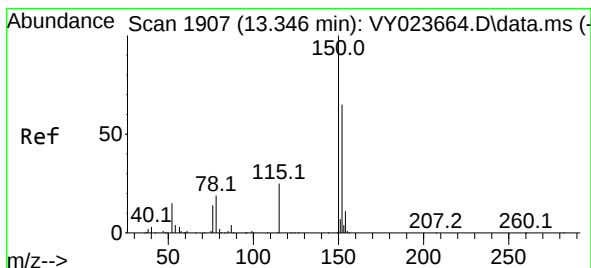
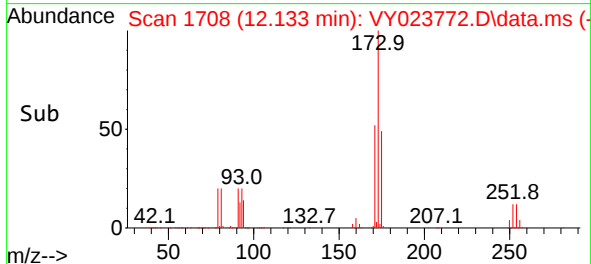
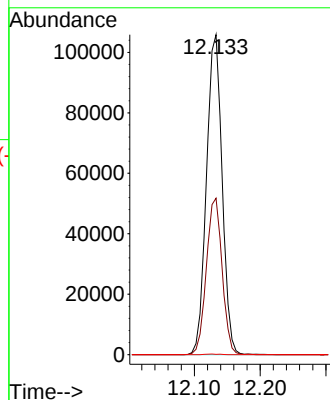
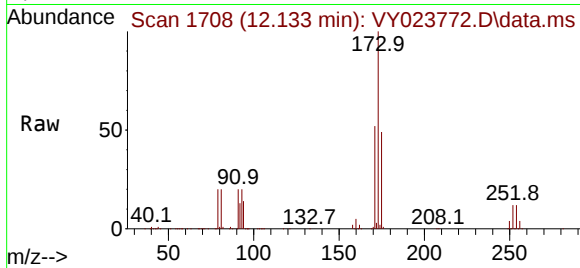




#71
Bromoform
Concen: 50.338 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

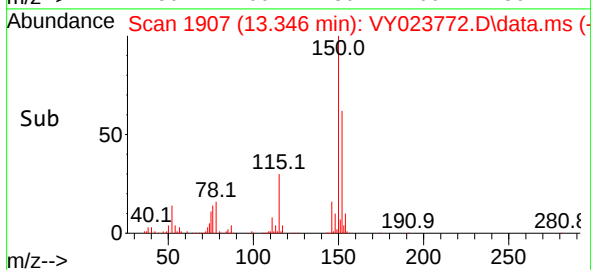
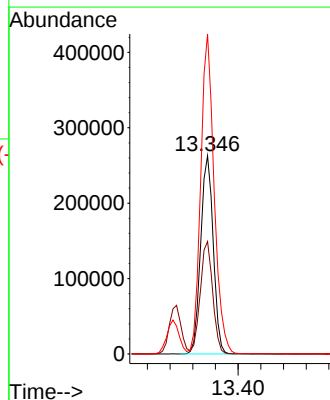
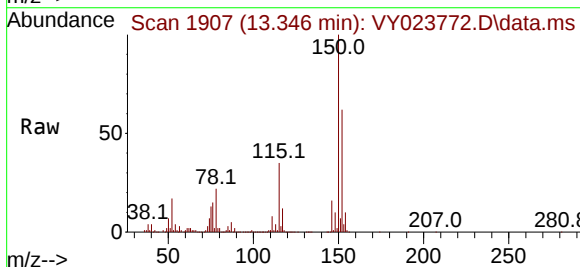
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

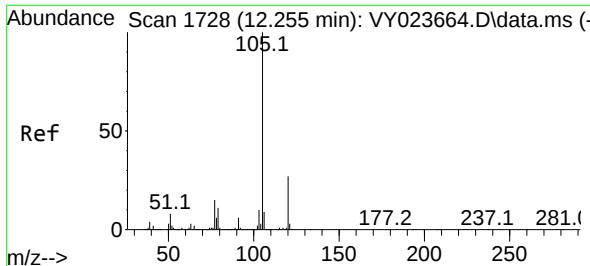
Tgt Ion:173 Resp: 175375
Ion Ratio Lower Upper
173 100
175 49.2 24.2 72.6
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion:152 Resp: 403475
Ion Ratio Lower Upper
152 100
115 55.9 27.5 82.5
150 172.5 0.0 349.0

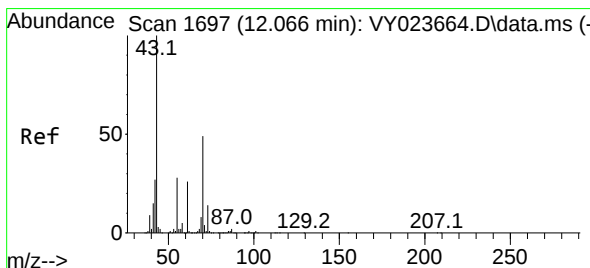
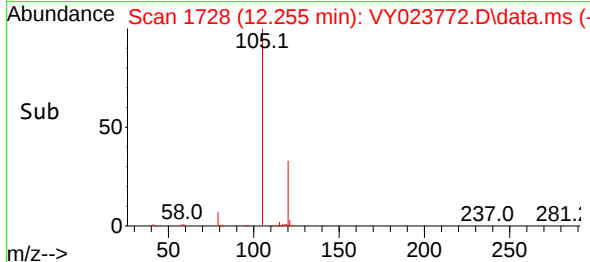
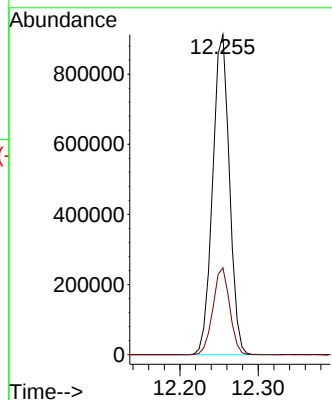
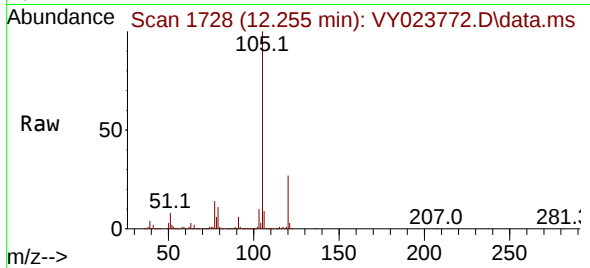




#73
Isopropylbenzene
Concen: 50.326 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

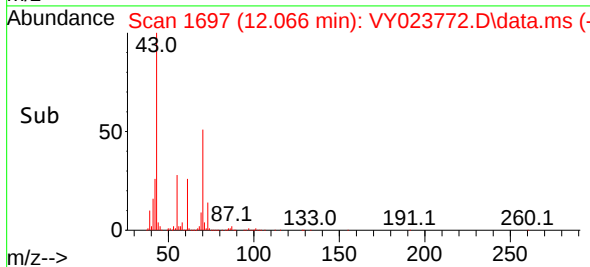
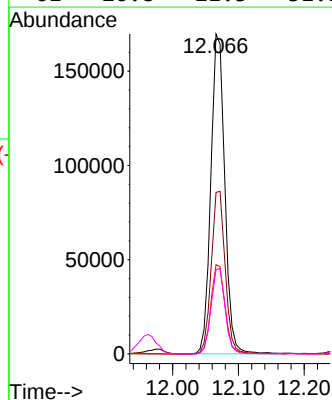
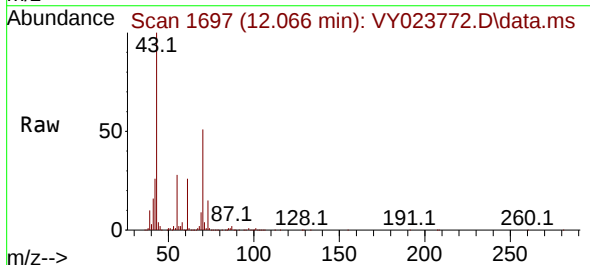
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

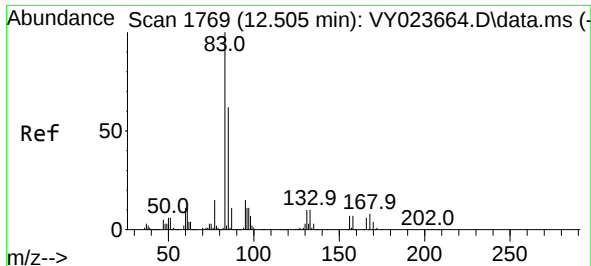
Tgt Ion:105 Resp: 1358059
Ion Ratio Lower Upper
105 100
120 27.0 13.6 40.7



#74
N-ethyl acetate
Concen: 54.885 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 43 Resp: 250757
Ion Ratio Lower Upper
43 100
70 51.1 40.1 60.1
55 28.6 23.0 34.6
61 26.8 21.3 31.9

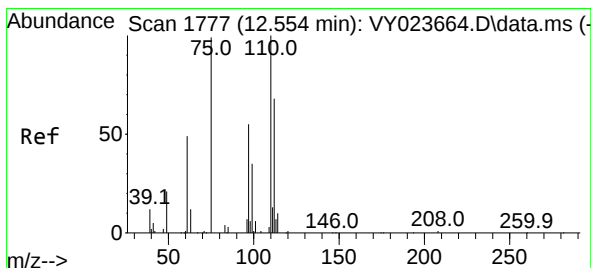
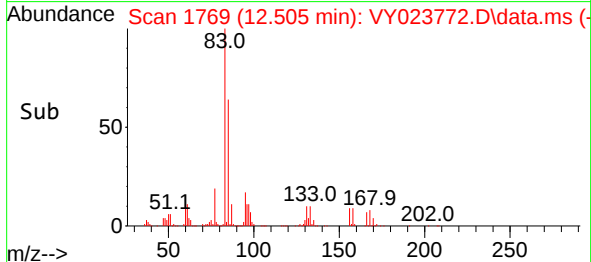
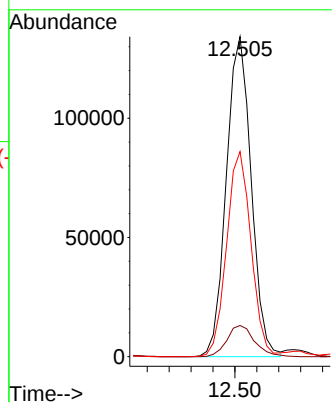
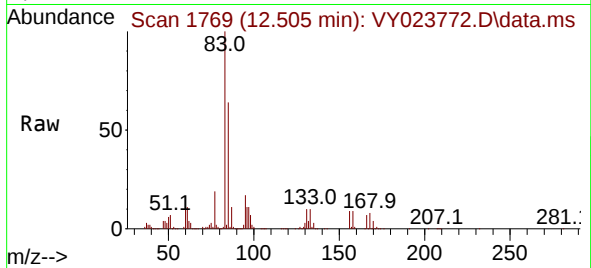




#75
1,1,2-Tetrachloroethane
Concen: 49.083 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

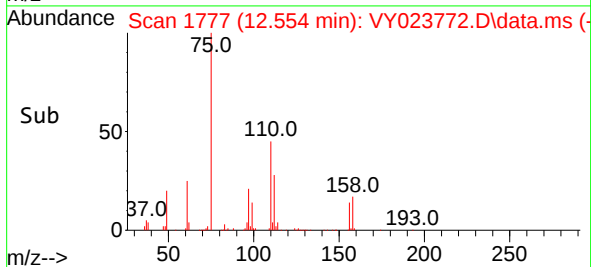
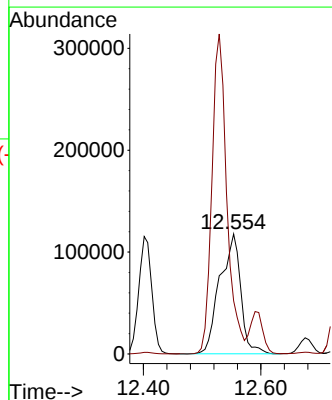
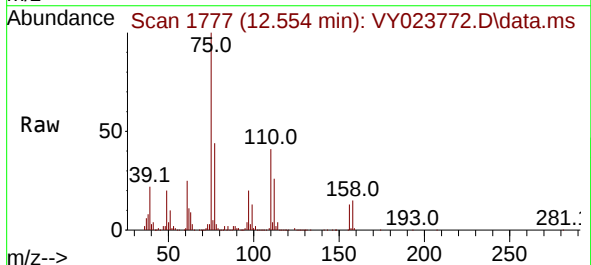
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

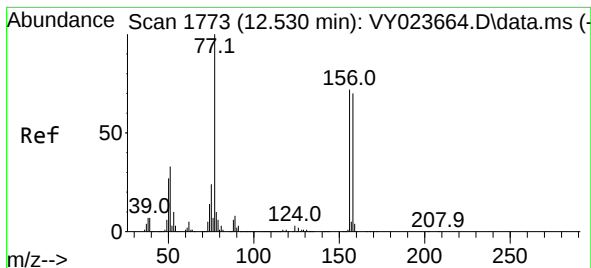
Tgt Ion: 83 Resp: 211542
Ion Ratio Lower Upper
83 100
131 10.9 5.7 17.0
85 63.1 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 89.102 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 75 Resp: 290952
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.224 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023772.D

Acq: 12 Nov 2025 18:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

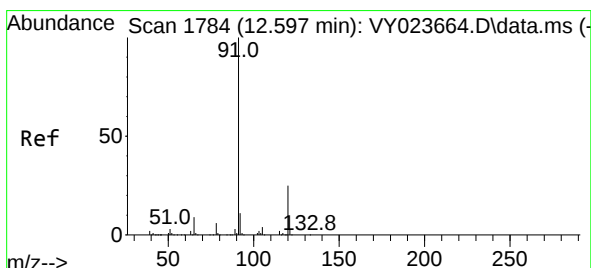
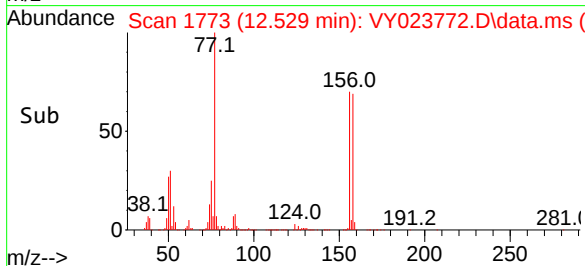
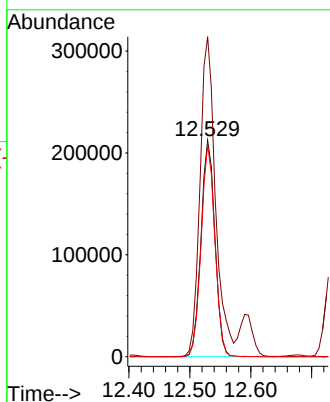
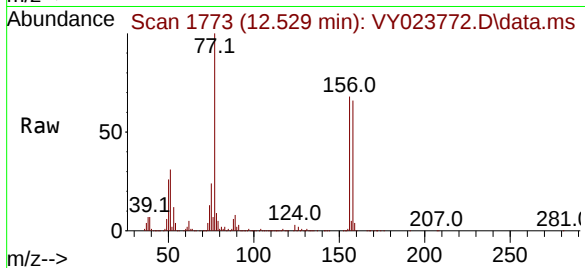
Tgt Ion:156 Resp: 337553

Ion Ratio Lower Upper

156 100

77 164.7 77.9 233.7

158 97.0 48.5 145.5



#78

n-propylbenzene

Concen: 50.343 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY023772.D

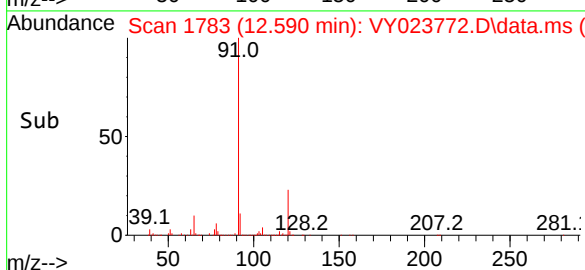
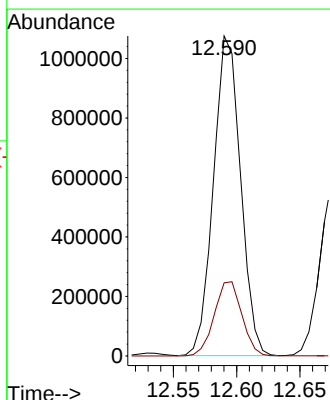
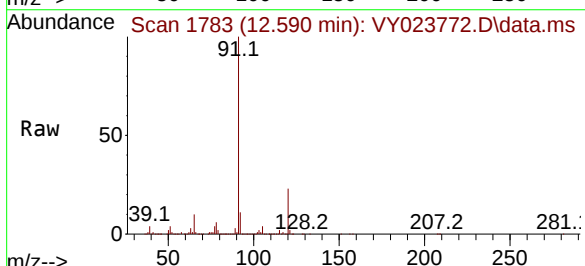
Acq: 12 Nov 2025 18:28

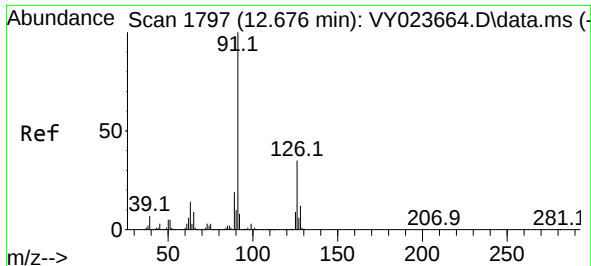
Tgt Ion: 91 Resp: 1597956

Ion Ratio Lower Upper

91 100

120 23.7 12.0 36.1

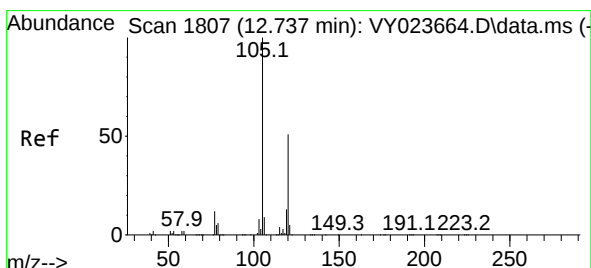
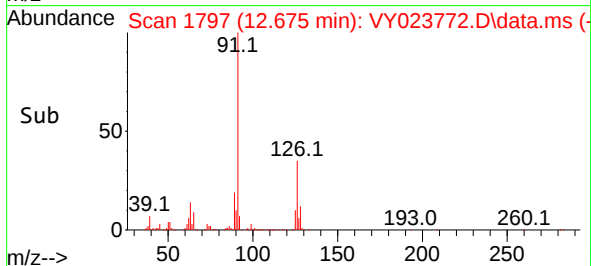
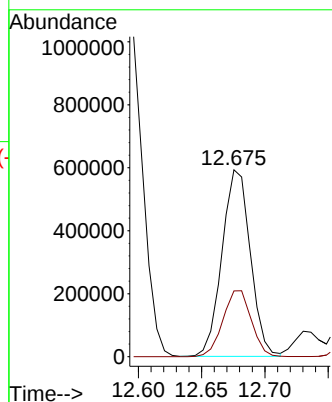
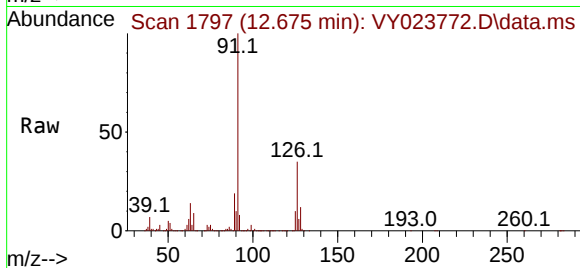




#79
2-Chlorotoluene
Concen: 50.169 ug/l
RT: 12.675 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

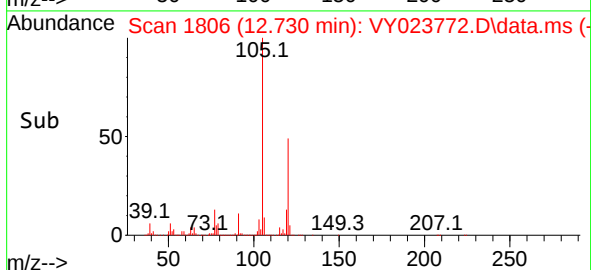
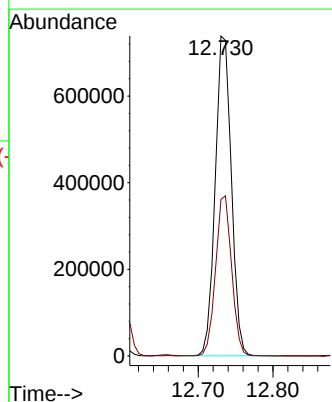
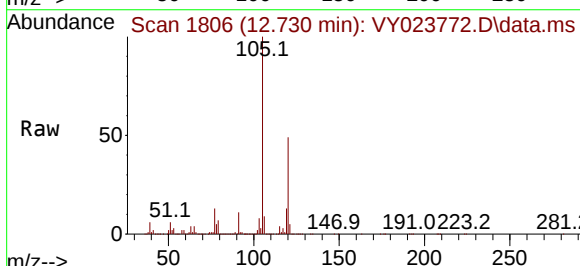
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

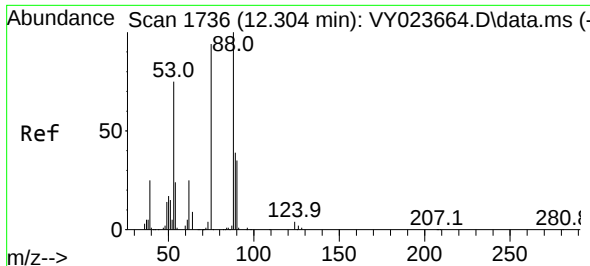
Tgt Ion: 91 Resp: 924060
Ion Ratio Lower Upper
91 100
126 35.5 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 50.546 ug/l
RT: 12.730 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion:105 Resp: 1108229
Ion Ratio Lower Upper
105 100
120 49.7 25.4 76.2

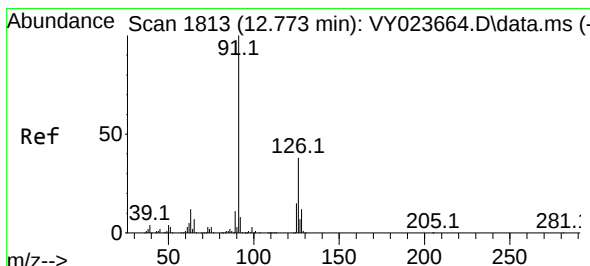
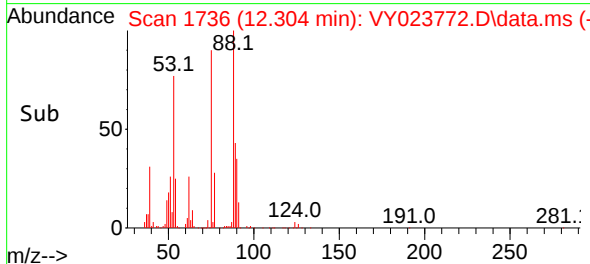
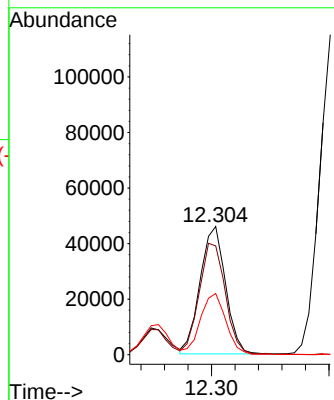
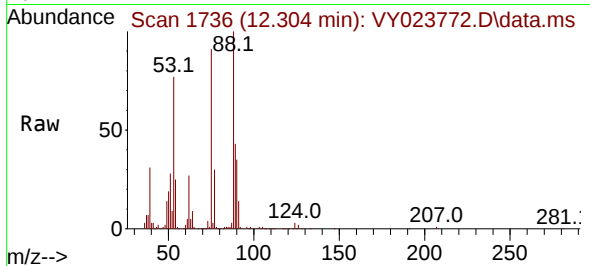




#81
trans-1,4-Dichloro-2-butene
Concen: 48.005 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

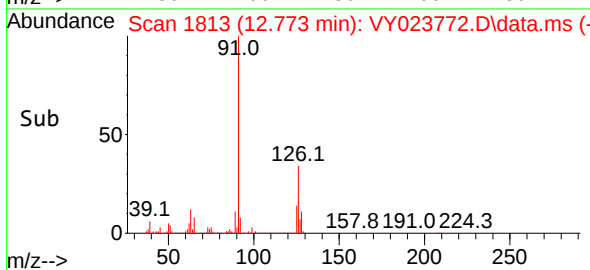
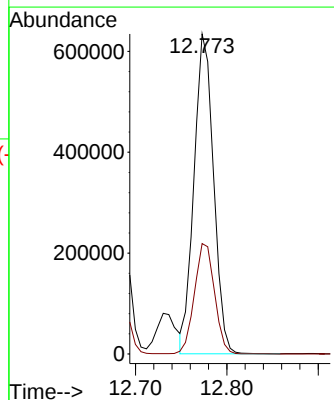
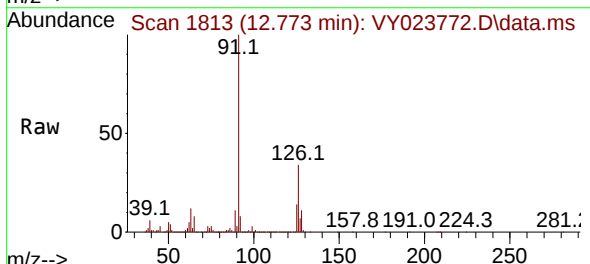
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

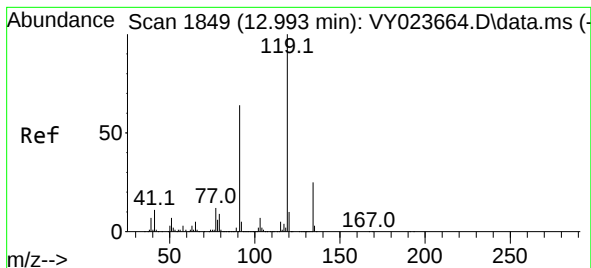
Tgt Ion: 75 Resp: 69362
Ion Ratio Lower Upper
75 100
53 89.9 69.6 104.4
89 48.0 38.2 57.4



#82
4-Chlorotoluene
Concen: 49.595 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 91 Resp: 942097
Ion Ratio Lower Upper
91 100
126 35.7 18.1 54.4





#83

tert-Butylbenzene

Concen: 49.708 ug/l

RT: 12.992 min Scan# 1849

Delta R.T. -0.000 min

Lab File: VY023772.D

Acq: 12 Nov 2025 18:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

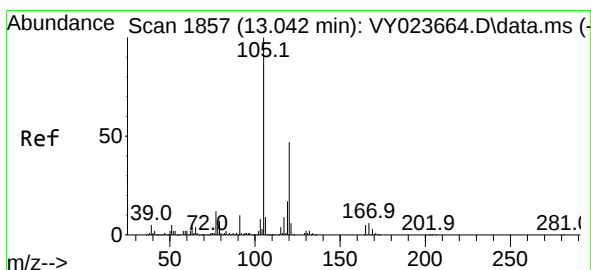
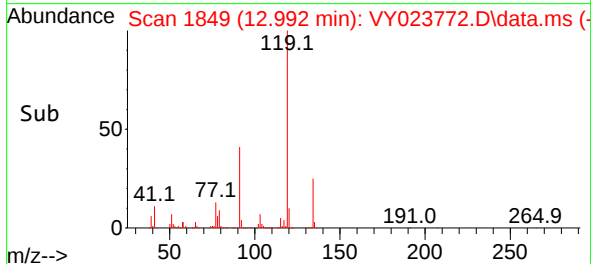
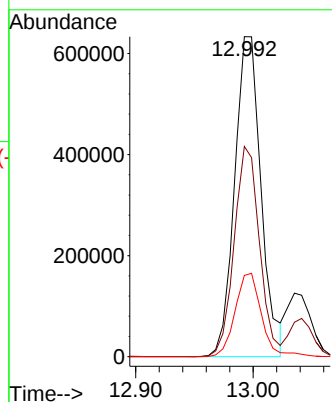
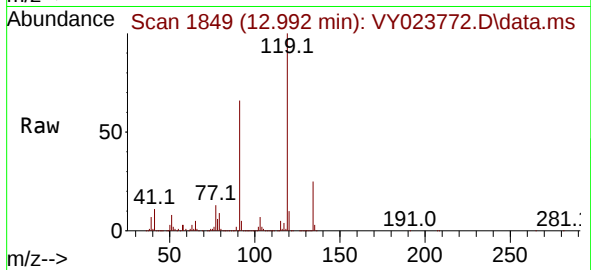
Tgt Ion:119 Resp: 992613

Ion Ratio Lower Upper

119 100

91 62.9 30.7 92.1

134 26.0 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 50.987 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023772.D

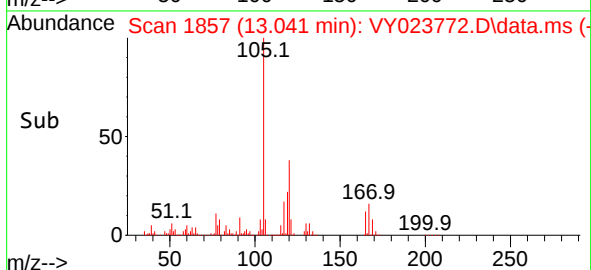
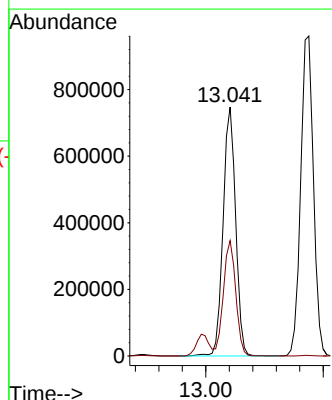
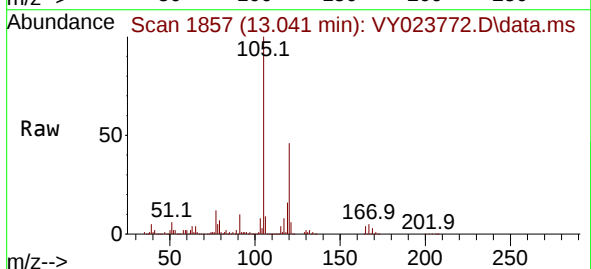
Acq: 12 Nov 2025 18:28

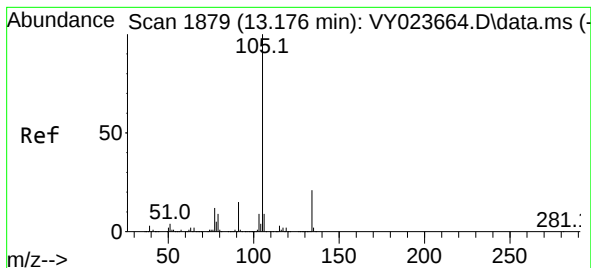
Tgt Ion:105 Resp: 1107228

Ion Ratio Lower Upper

105 100

120 45.8 23.2 69.6

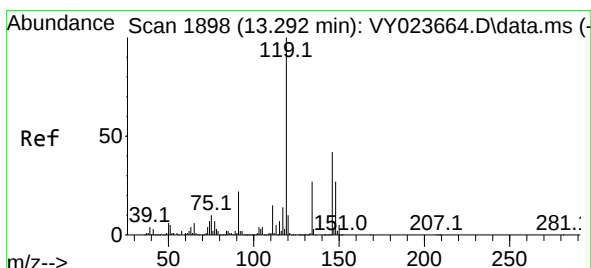
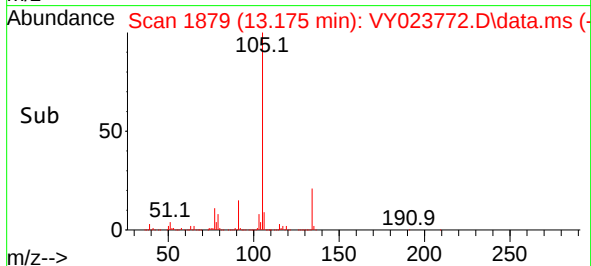
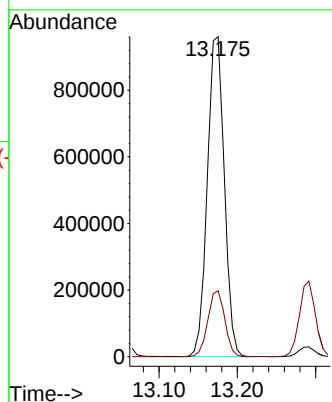
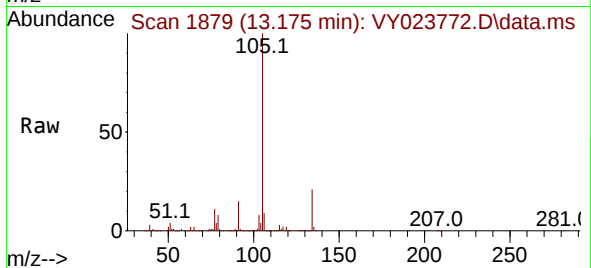




#85
 sec-Butylbenzene
 Concen: 50.209 ug/l
 RT: 13.175 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY023772.D
 Acq: 12 Nov 2025 18:28

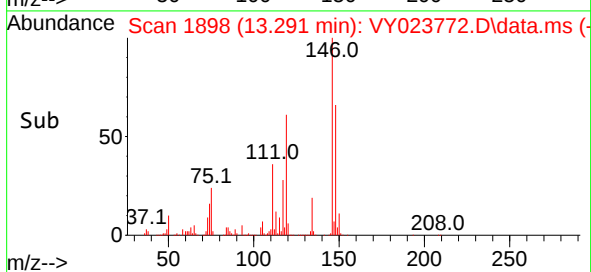
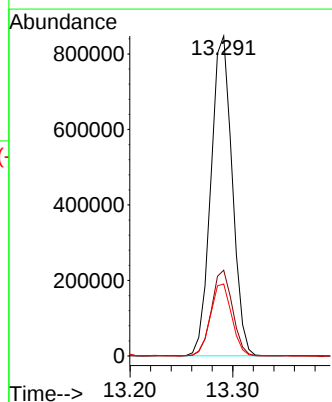
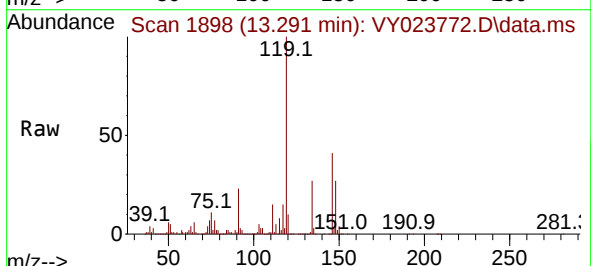
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

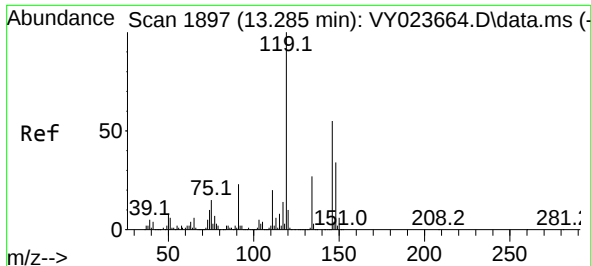
Tgt Ion:105 Resp: 1446107
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 49.932 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY023772.D
 Acq: 12 Nov 2025 18:28

Tgt Ion:119 Resp: 1217451
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 22.5 11.1 33.1

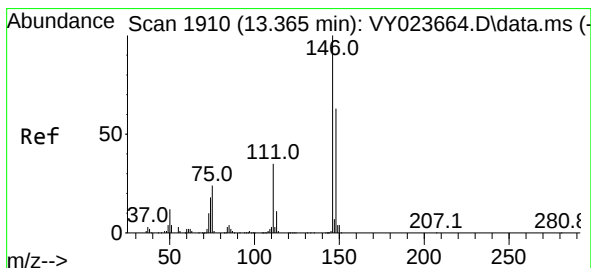
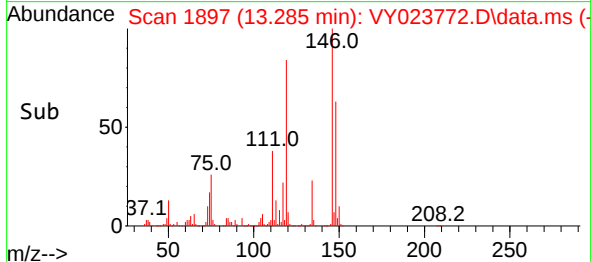
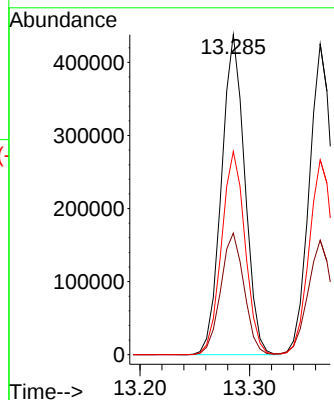
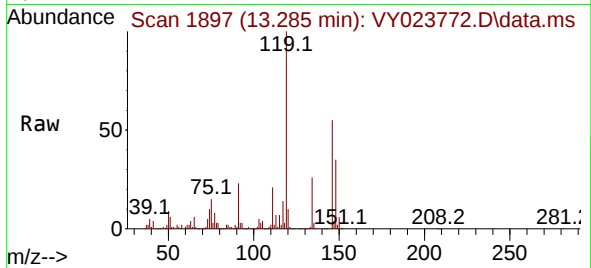




#87
1,3-Dichlorobenzene
Concen: 46.971 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

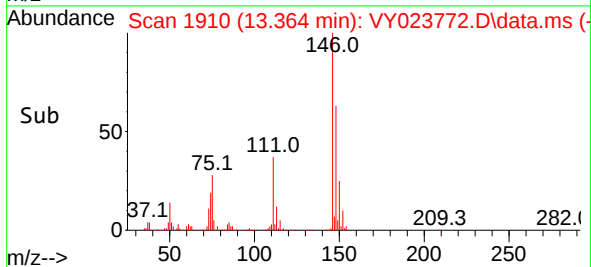
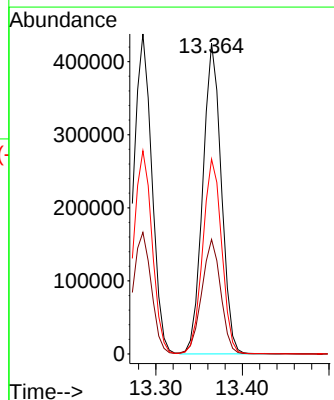
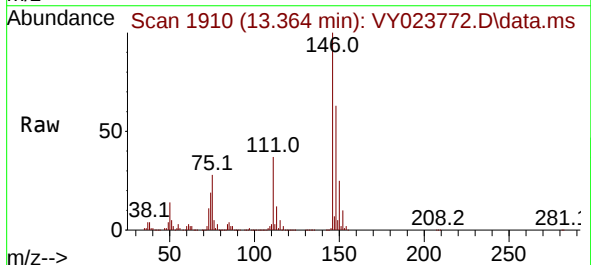
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

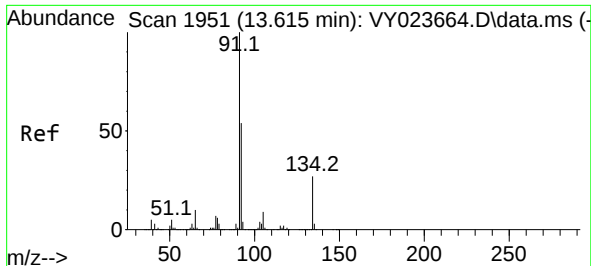
Tgt Ion:146 Resp: 647118
Ion Ratio Lower Upper
146 100
111 38.1 18.8 56.3
148 64.2 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 46.665 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion:146 Resp: 631531
Ion Ratio Lower Upper
146 100
111 37.6 18.3 54.8
148 64.2 31.8 95.3

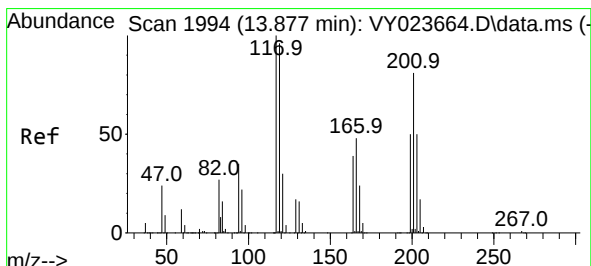
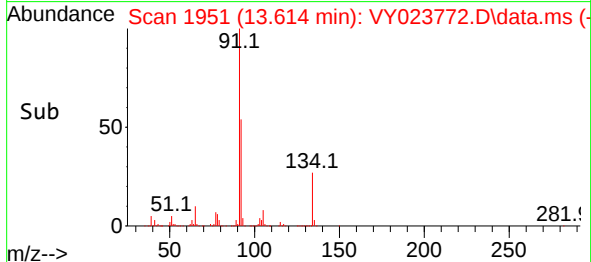
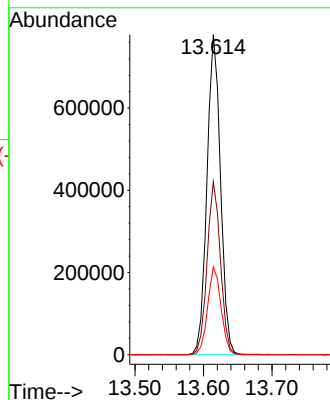
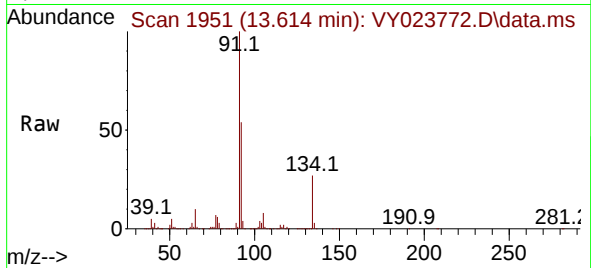




#89
n-Butylbenzene
Concen: 50.480 ug/l
RT: 13.614 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

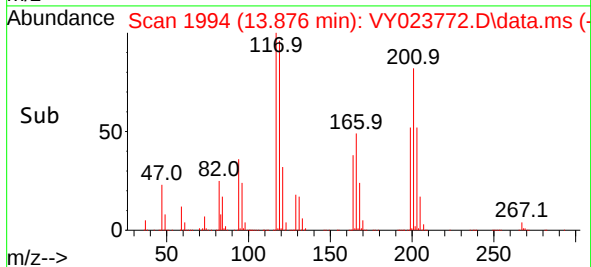
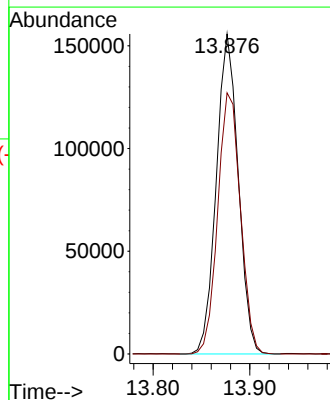
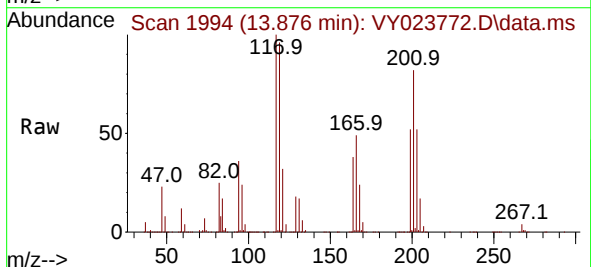
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

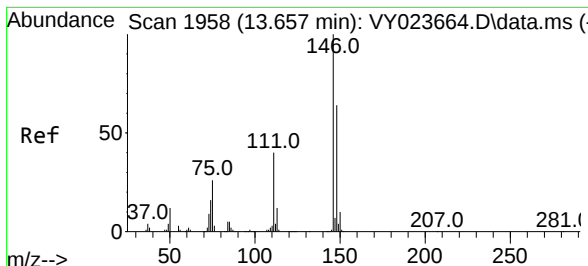
Tgt Ion: 91 Resp: 1070282
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.4
134 27.1 13.7 41.1



#90
Hexachloroethane
Concen: 46.792 ug/l
RT: 13.876 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 117 Resp: 245175
Ion Ratio Lower Upper
117 100
201 84.3 42.3 126.8

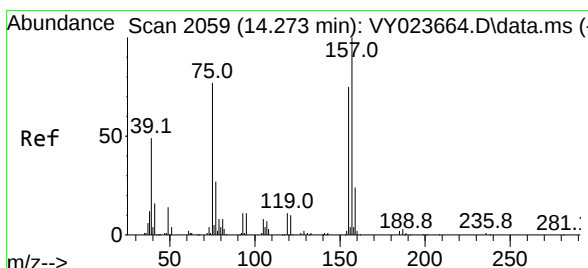
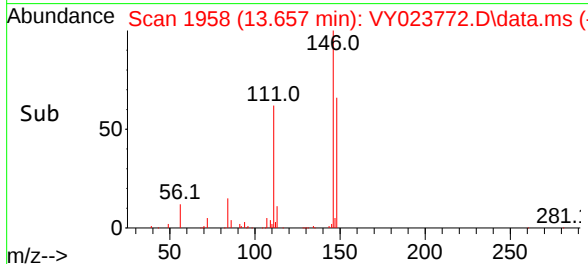
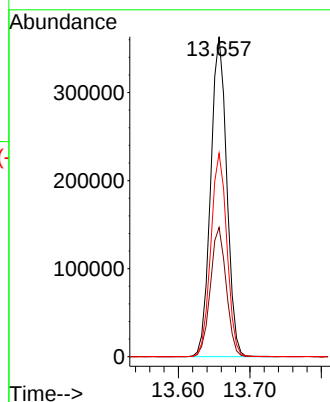
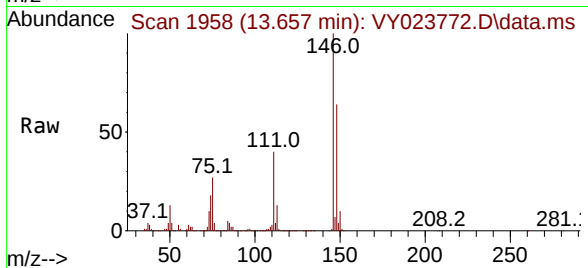




#91
1,2-Dichlorobenzene
Concen: 47.768 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

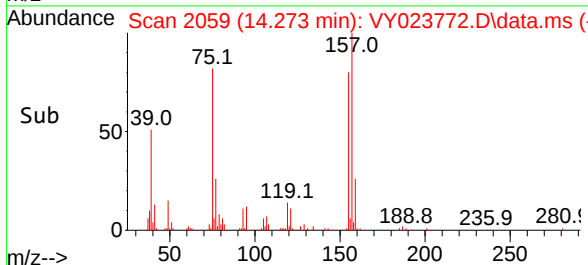
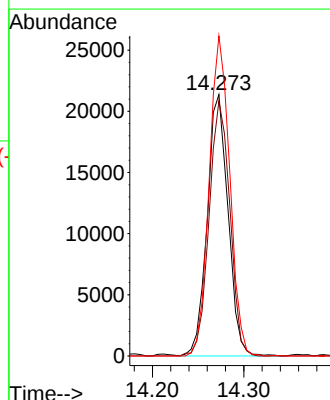
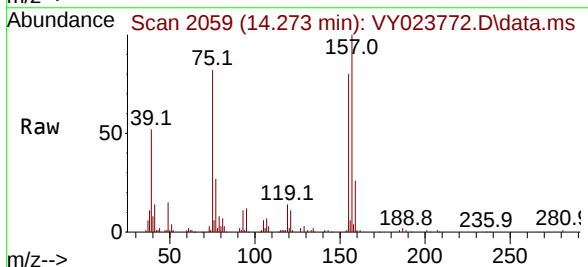
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

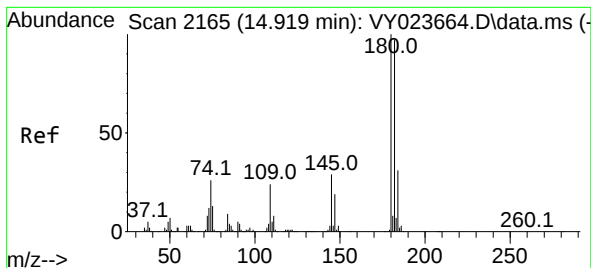
Tgt Ion:146 Resp: 567145
Ion Ratio Lower Upper
146 100
111 39.9 19.5 58.5
148 63.5 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.745 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023772.D
Acq: 12 Nov 2025 18:28

Tgt Ion: 75 Resp: 33674
Ion Ratio Lower Upper
75 100
155 97.5 49.4 148.2
157 121.1 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 48.674 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023772.D

Acq: 12 Nov 2025 18:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

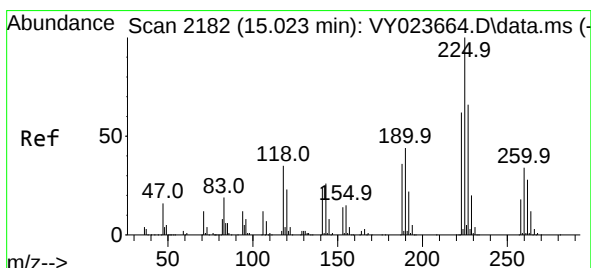
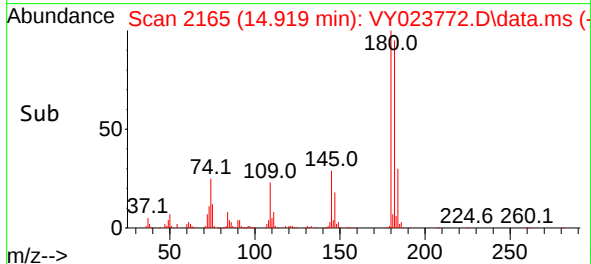
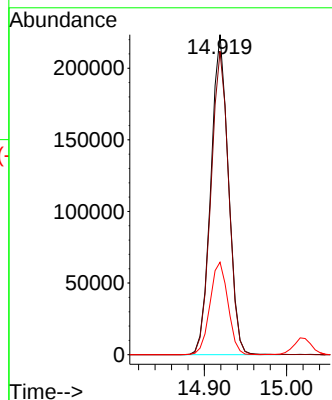
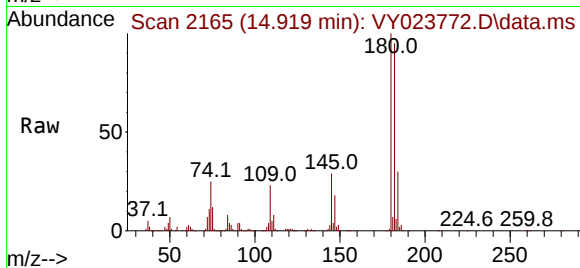
Tgt Ion:180 Resp: 330554

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.6

145 29.7 14.4 43.4



#94

Hexachlorobutadiene

Concen: 46.713 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY023772.D

Acq: 12 Nov 2025 18:28

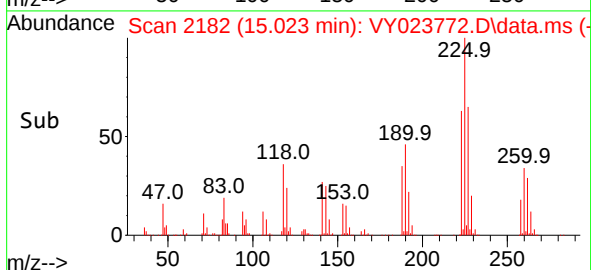
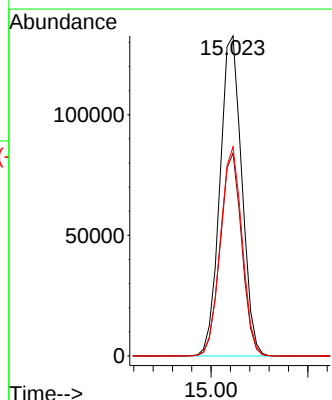
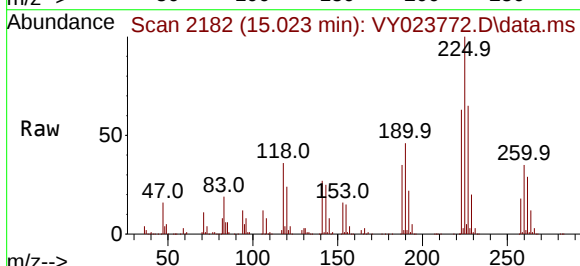
Tgt Ion:225 Resp: 207853

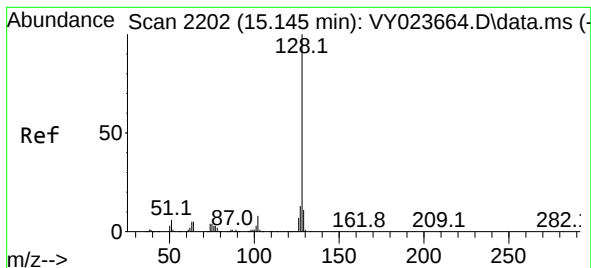
Ion Ratio Lower Upper

225 100

223 62.2 30.8 92.3

227 64.9 32.0 96.2





#95

Naphthalene

Concen: 45.747 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY023772.D

Acq: 12 Nov 2025 18:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

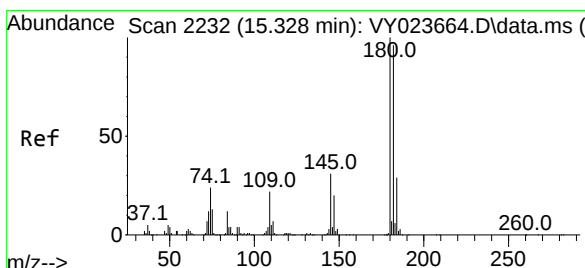
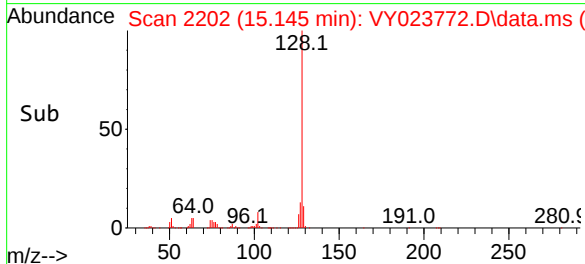
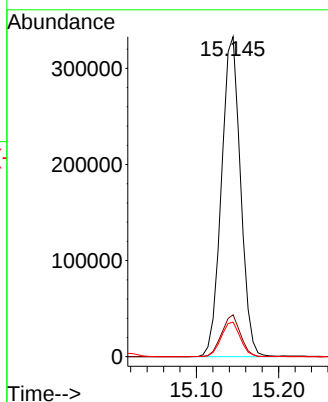
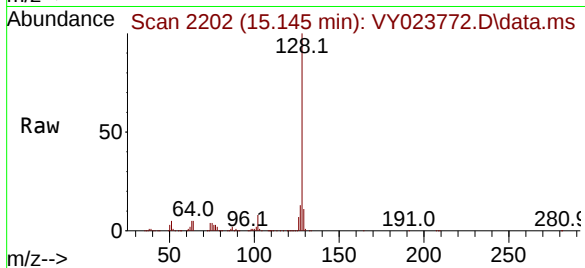
Tgt Ion:128 Resp: 537194

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 50.061 ug/l

RT: 15.327 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023772.D

Acq: 12 Nov 2025 18:28

Tgt Ion:180 Resp: 284046

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.6

145 31.1 15.5 46.5

