

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
 Data File : VY023752.D
 Acq On : 12 Nov 2025 10:01
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Nov 14 01:18:29 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	7.713	168	542463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	778548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	693308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	345261	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	227103	49.079	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.160%
35) Dibromofluoromethane	7.634	113	249654	51.312	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.620%
50) Toluene-d8	10.109	98	929077	51.262	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.520%
62) 4-Bromofluorobenzene	12.408	95	325031	55.455	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.920%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	155853	43.768	ug/l	98
3) Chloromethane	2.074	50	214055	42.957	ug/l	99
4) Vinyl Chloride	2.208	62	290034	44.730	ug/l	100
5) Bromomethane	2.598	94	241839	44.340	ug/l	99
6) Chloroethane	2.739	64	210632	47.001	ug/l	98
7) Trichlorofluoromethane	3.062	101	452930	49.598	ug/l	99
8) Diethyl Ether	3.458	74	127491	52.061	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	249419	49.573	ug/l	98
10) Methyl Iodide	4.013	142	311272	52.391	ug/l	100
11) Tert butyl alcohol	4.866	59	79248	265.604	ug/l #	89
12) 1,1-Dichloroethene	3.793	96	241841	49.898	ug/l	99
13) Acrolein	3.659	56	56726	147.917	ug/l	98
14) Allyl chloride	4.391	41	296624	50.281	ug/l	99
15) Acrylonitrile	5.061	53	256549	274.130	ug/l	99
16) Acetone	3.873	43	340696	296.206	ug/l	99
17) Carbon Disulfide	4.110	76	709324	47.684	ug/l	99
18) Methyl Acetate	4.391	43	119901	47.261	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	609991	54.277	ug/l	98
20) Methylene Chloride	4.622	84	267307	48.141	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	272626	49.888	ug/l	97
22) Diisopropyl ether	6.025	45	689356	52.442	ug/l	99
23) Vinyl Acetate	5.964	43	1980312	282.304	ug/l	100
24) 1,1-Dichloroethane	5.921	63	436028	49.791	ug/l	100
25) 2-Butanone	6.896	43	378488	284.611	ug/l	99
26) 2,2-Dichloropropane	6.890	77	405422	50.330	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	318192	50.982	ug/l	99
28) Bromochloromethane	7.250	49	168834	50.352	ug/l	99
29) Tetrahydrofuran	7.262	42	201776	284.902	ug/l	98
30) Chloroform	7.427	83	486957	49.839	ug/l	99
31) Cyclohexane	7.707	56	373665	48.997	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	439582	50.338	ug/l	100
36) 1,1-Dichloropropene	7.841	75	336435	51.748	ug/l	100
37) Ethyl Acetate	6.988	43	144553	57.434	ug/l	100
38) Carbon Tetrachloride	7.823	117	404231	52.770	ug/l	97
39) Methylcyclohexane	9.109	83	447873	53.914	ug/l	99
40) Benzene	8.085	78	1057576	51.606	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	194398	141.503	ug/l #	30
42) 1,2-Dichloroethane	8.158	62	272360	52.532	ug/l	99
43) Isopropyl Acetate	8.201	43	269125	56.911	ug/l	99
44) Trichloroethene	8.866	130	303172	51.507	ug/l	99
45) 1,2-Dichloropropane	9.146	63	234620	51.875	ug/l	97
46) Dibromomethane	9.231	93	151745	54.149	ug/l	99
47) Bromodichloromethane	9.426	83	373574	52.874	ug/l	99
48) Methyl methacrylate	9.225	41	127862	57.229	ug/l	98
49) 1,4-Dioxane	9.231	88	32778	1142.921	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	737994	293.452	ug/l	99
52) Toluene	10.170	92	701055	53.583	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	328830	55.004	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	384462	53.676	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	202168	53.983	ug/l	98
56) Ethyl methacrylate	10.438	69	250544	60.719	ug/l	98
57) 1,3-Dichloropropane	10.719	76	318852	53.676	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	517745	273.439	ug/l	100
59) 2-Hexanone	10.762	43	556162	303.122	ug/l	99
60) Dibromochloromethane	10.914	129	281149	54.637	ug/l	99
61) 1,2-Dibromoethane	11.018	107	192335	54.724	ug/l	99
64) Tetrachloroethene	10.646	164	375348	52.014	ug/l	99
65) Chlorobenzene	11.444	112	795130	52.681	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	283711	53.158	ug/l	99
67) Ethyl Benzene	11.518	91	1340142	54.861	ug/l	98
68) m/p-Xylenes	11.627	106	1066846	109.309	ug/l	99
69) o-Xylene	11.956	106	497753	55.171	ug/l	99
70) Styrene	11.969	104	831999	55.893	ug/l	100
71) Bromoform	12.133	173	179488	57.582	ug/l	99
73) Isopropylbenzene	12.255	105	1308186	56.652	ug/l	99
74) N-amyl acetate	12.072	43	239771	61.329	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	207541	56.274	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	284548	101.834	ug/l #	100
77) Bromobenzene	12.536	156	330972	55.256	ug/l	98
78) n-propylbenzene	12.597	91	1536805	56.580	ug/l	100
79) 2-Chlorotoluene	12.682	91	874697	55.496	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1064739	56.750	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	71767	58.044	ug/l	99
82) 4-Chlorotoluene	12.779	91	898820	55.295	ug/l	100
83) tert-Butylbenzene	12.999	119	934952	54.715	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1032214	55.547	ug/l	99
85) sec-Butylbenzene	13.176	105	1362855	55.296	ug/l	100
86) p-Isopropyltoluene	13.292	119	1155519	55.382	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	621543	52.721	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	606732	52.392	ug/l	99
89) n-Butylbenzene	13.615	91	1022377	56.351	ug/l	99
90) Hexachloroethane	13.883	117	238901	53.282	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	548166	53.955	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	32148	56.614	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	321156	55.264	ug/l	100
94) Hexachlorobutadiene	15.023	225	202421	53.162	ug/l	99
95) Naphthalene	15.145	128	530711	52.002	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	273690	56.369	ug/l	99

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ClientSampleId :
VSTDCCC050

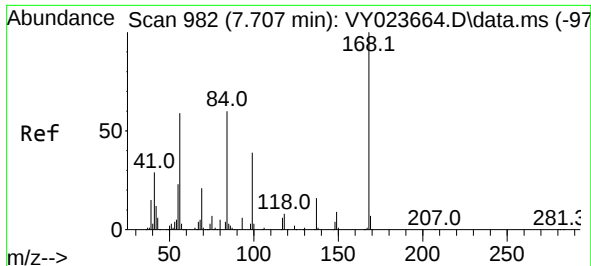
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Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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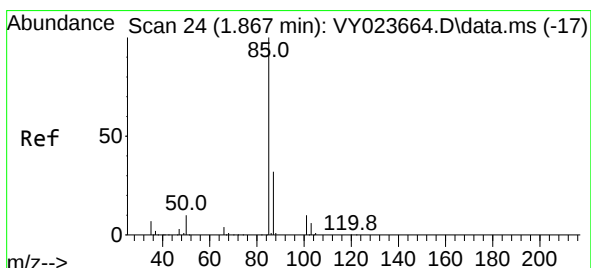
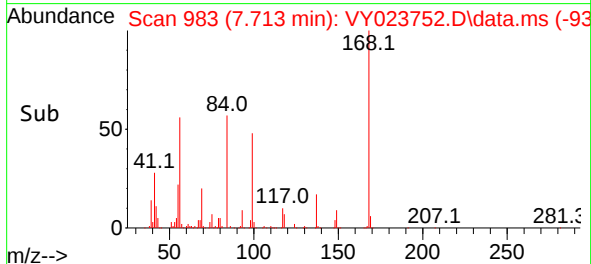
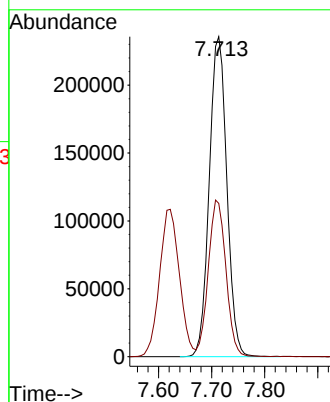
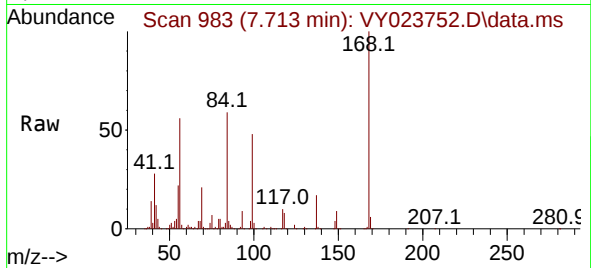




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023752.D
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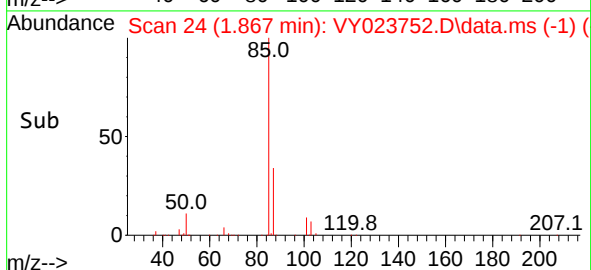
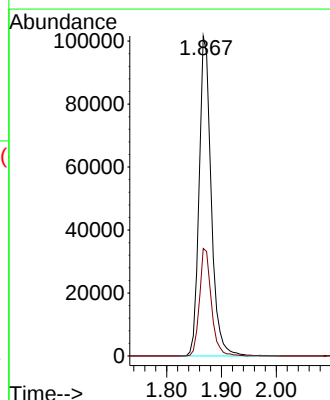
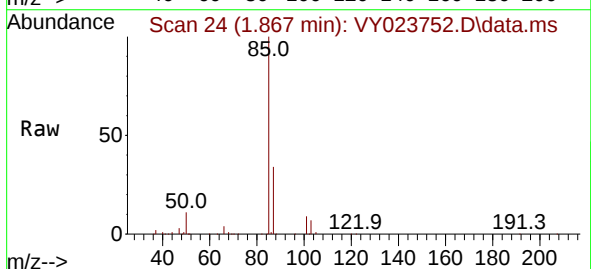
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

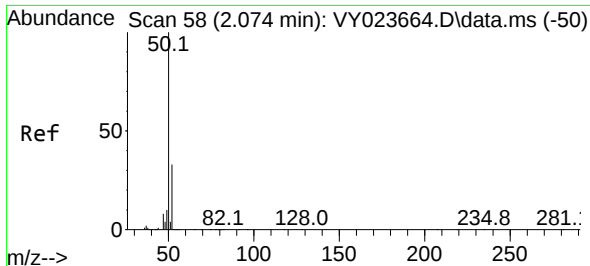
Tgt Ion:168 Resp: 542463
Ion Ratio Lower Upper
168 100
99 47.8 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 43.768 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 85 Resp: 155853
Ion Ratio Lower Upper
85 100
87 33.6 16.2 48.6

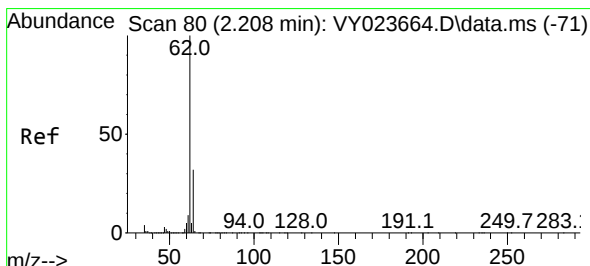
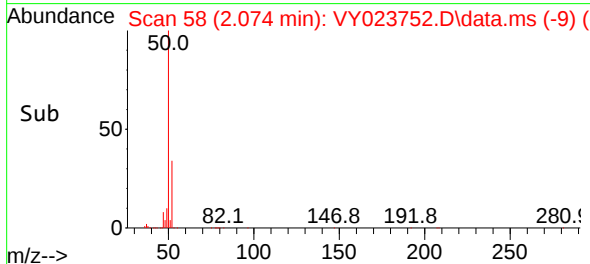
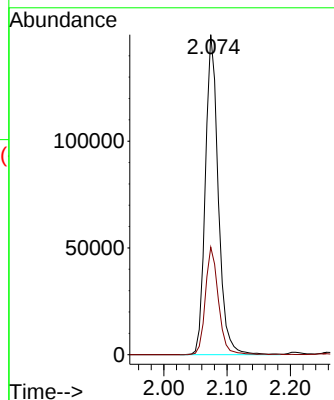
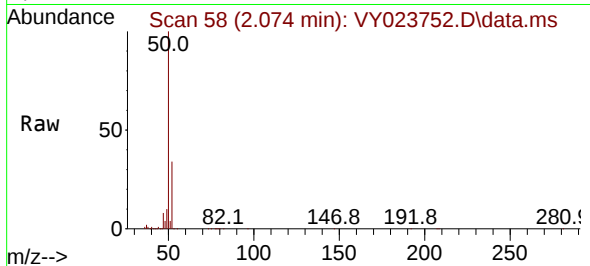




#3
Chloromethane
Concen: 42.957 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

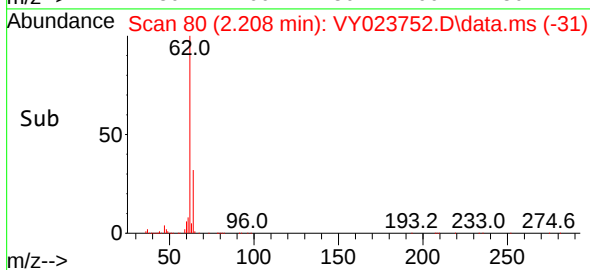
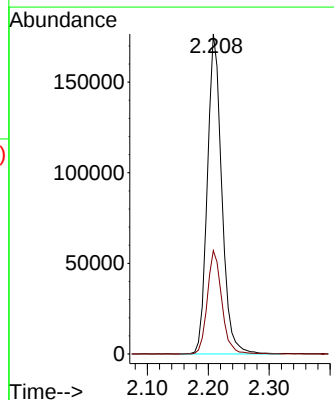
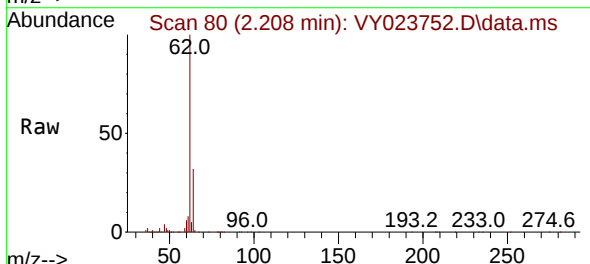
Instrument :
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ClientSampleId :
VSTDCCC050

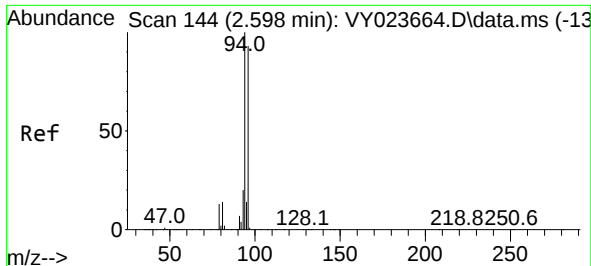
Tgt Ion: 50 Resp: 214055
Ion Ratio Lower Upper
50 100
52 33.6 26.5 39.7



#4
Vinyl Chloride
Concen: 44.730 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 62 Resp: 290034
Ion Ratio Lower Upper
62 100
64 32.3 25.7 38.5

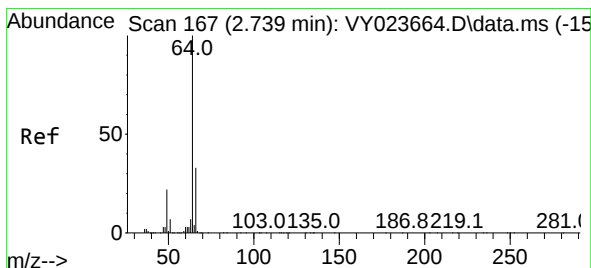
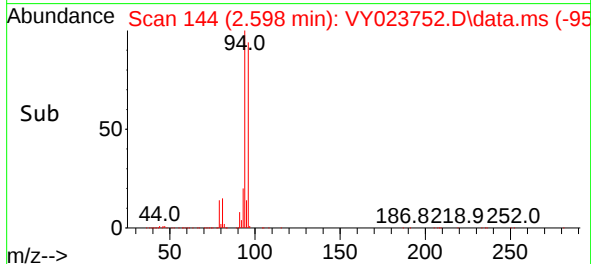
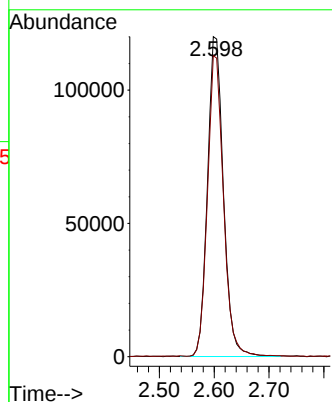
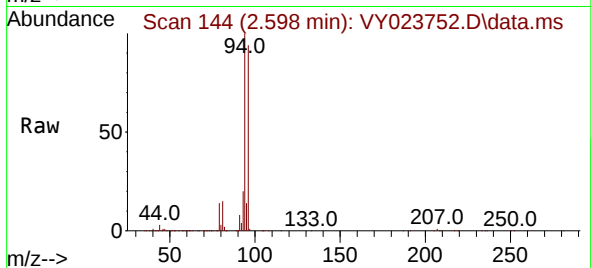




#5
Bromomethane
Concen: 44.340 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

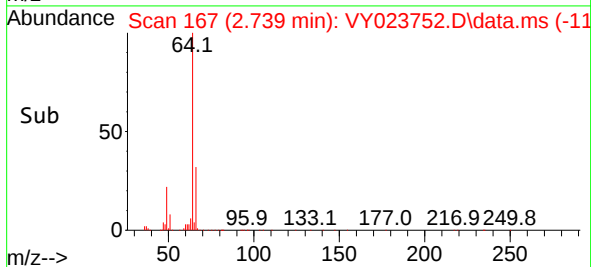
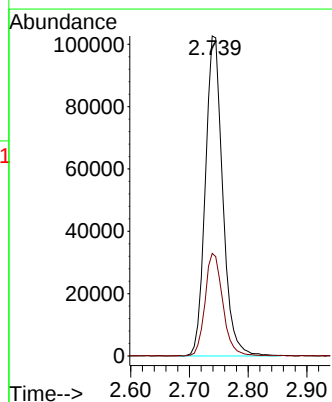
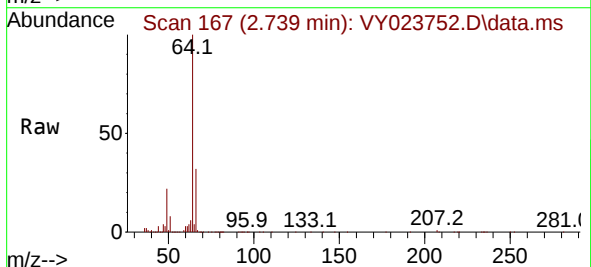
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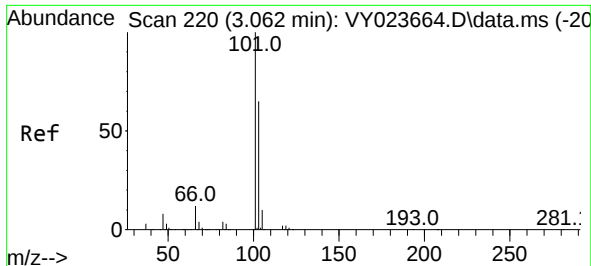
Tgt Ion: 94 Resp: 241839
Ion Ratio Lower Upper
94 100
96 93.8 74.4 111.6



#6
Chloroethane
Concen: 47.001 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 64 Resp: 210632
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.4

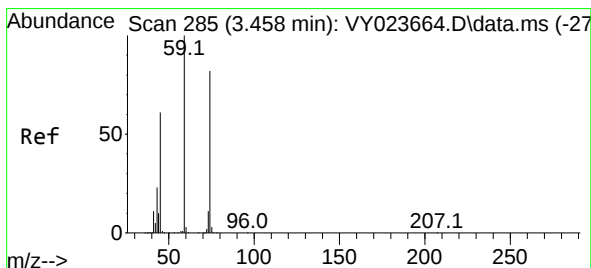
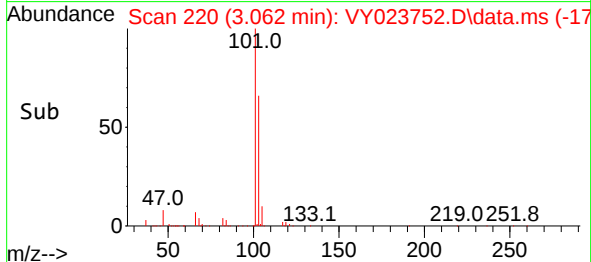
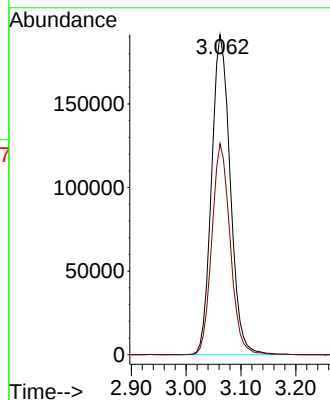
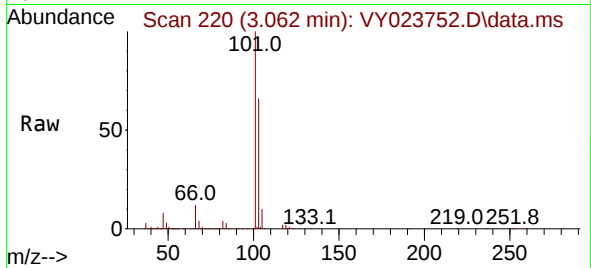




#7
 Trichlorofluoromethane
 Concen: 49.598 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY023752.D
 Acq: 12 Nov 2025 10:01

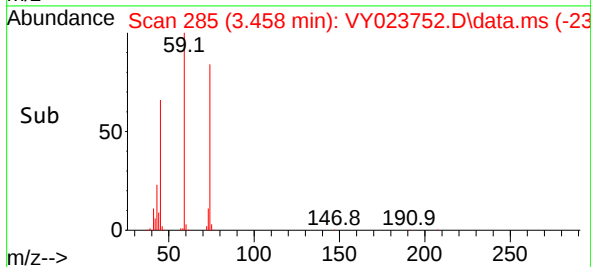
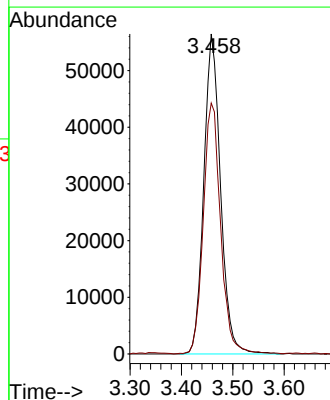
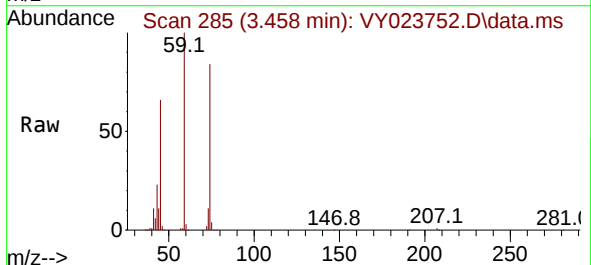
Instrument :
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 ClientSampleId :
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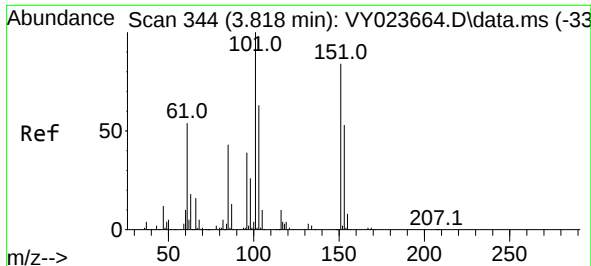
Tgt Ion:101 Resp: 452930
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.1 78.1



#8
 Diethyl Ether
 Concen: 52.061 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY023752.D
 Acq: 12 Nov 2025 10:01

Tgt Ion: 74 Resp: 127491
 Ion Ratio Lower Upper
 74 100
 45 81.6 40.6 121.7

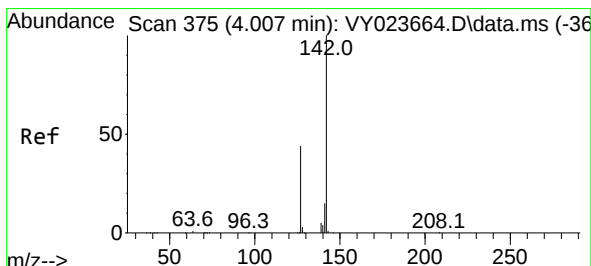
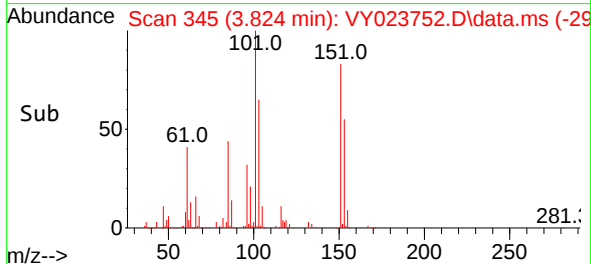
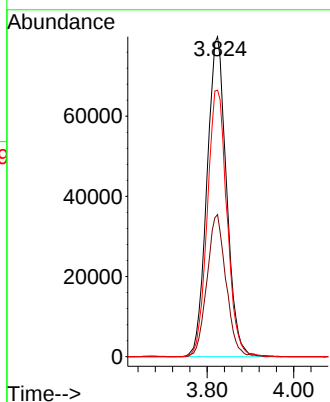
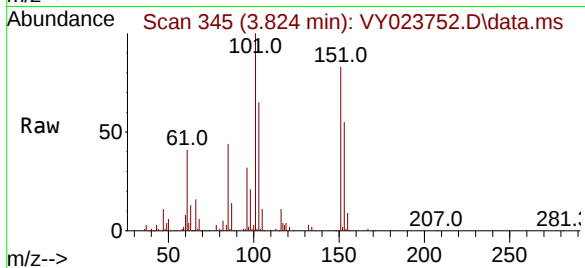




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.573 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

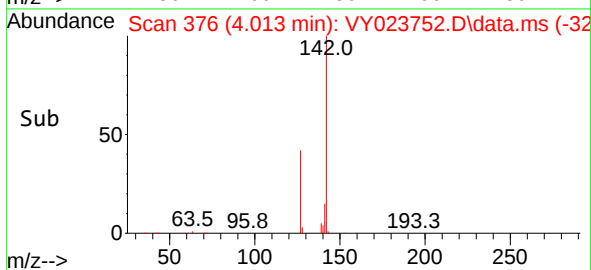
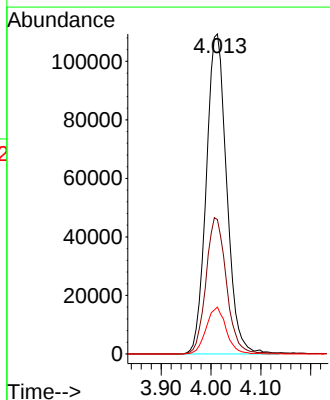
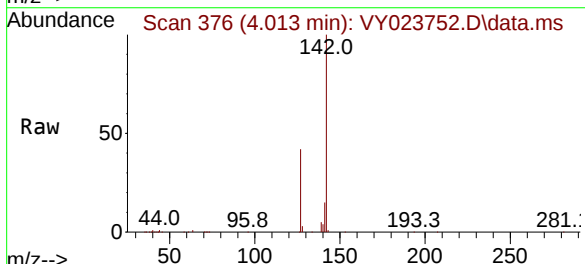
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

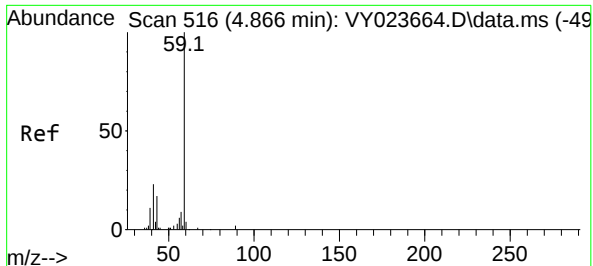
Tgt Ion:101 Resp: 249419
Ion Ratio Lower Upper
101 100
85 43.4 34.4 51.6
151 83.9 65.6 98.4



#10
Methyl Iodide
Concen: 52.391 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion:142 Resp: 311272
Ion Ratio Lower Upper
142 100
127 42.9 34.6 51.8
141 14.3 11.6 17.4

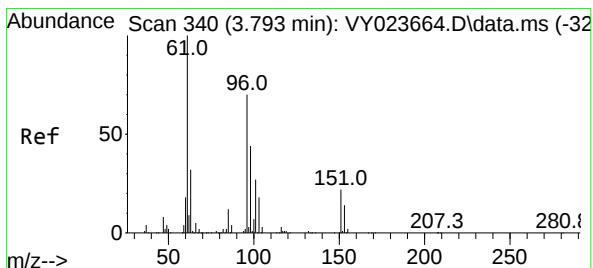
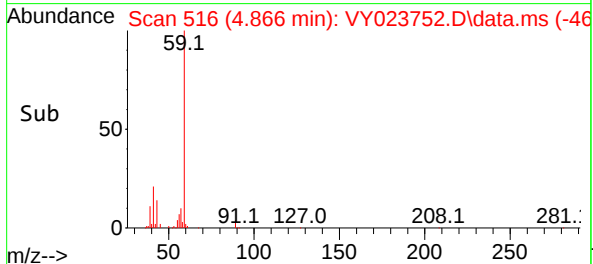
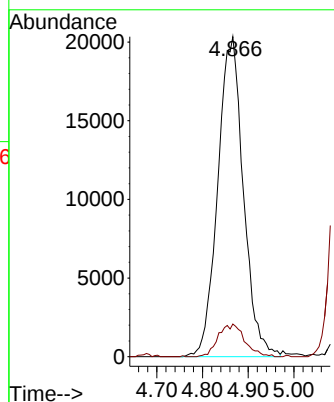
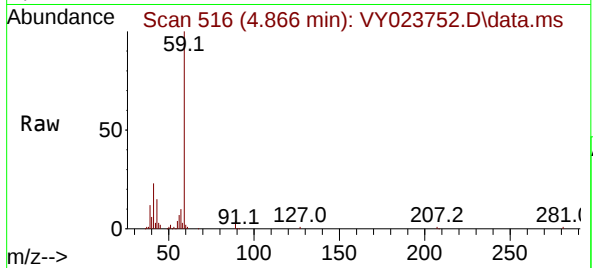




#11
Tert butyl alcohol
Concen: 265.604 ug/l
RT: 4.866 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

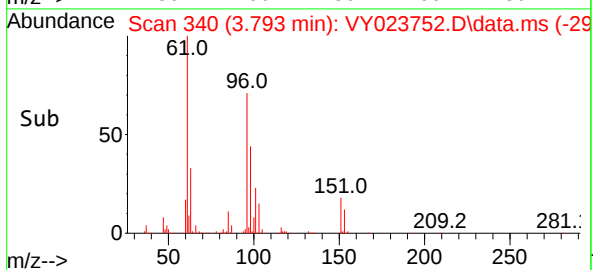
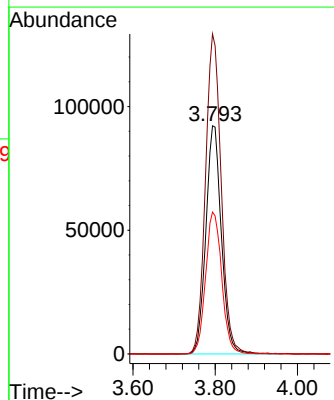
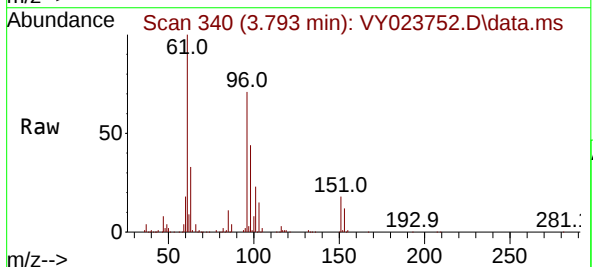
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

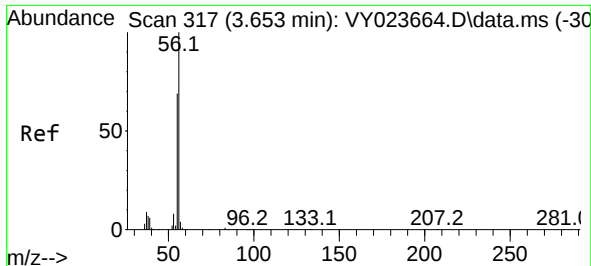
Tgt Ion: 59 Resp: 79248
Ion Ratio Lower Upper
59 100
57 5.2 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 49.898 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 96 Resp: 241841
Ion Ratio Lower Upper
96 100
61 140.2 114.0 171.0
98 62.2 50.2 75.2

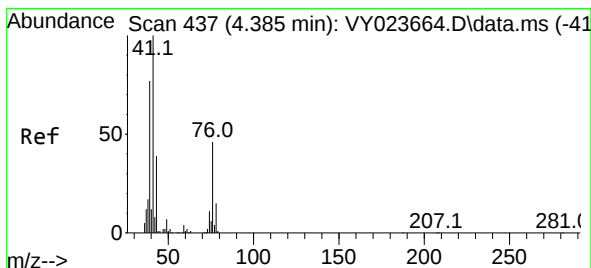
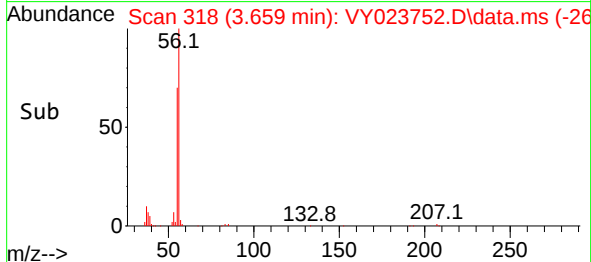
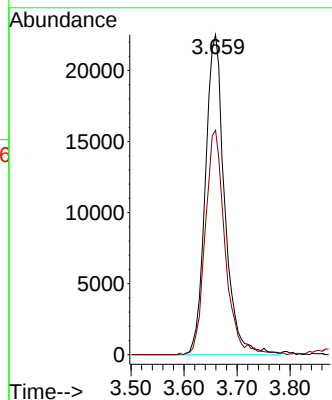
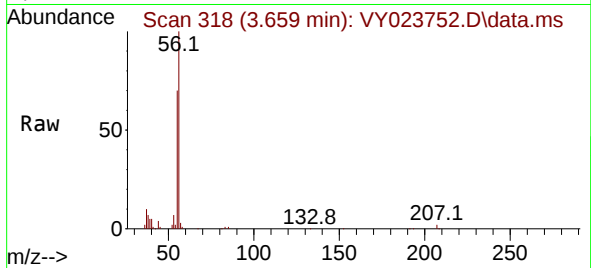




#13
Acrolein
Concen: 147.917 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

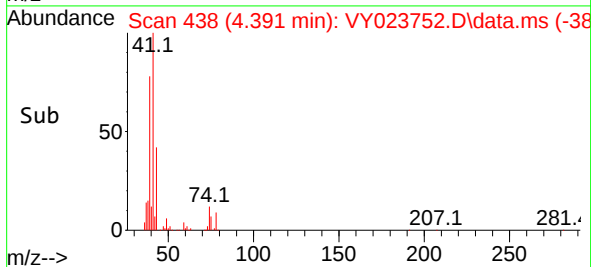
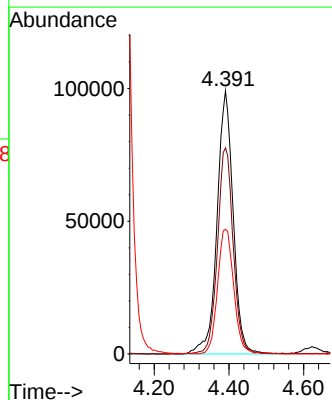
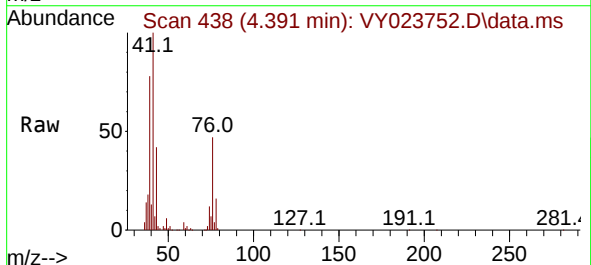
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

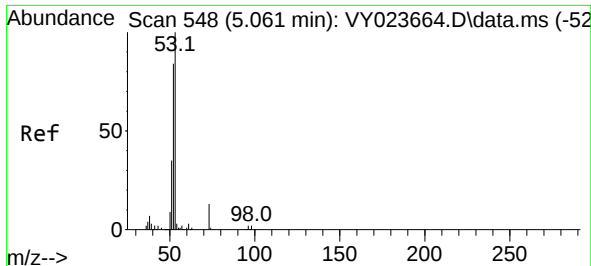
Tgt Ion: 56 Resp: 56726
Ion Ratio Lower Upper
56 100
55 72.3 56.6 84.8



#14
Allyl chloride
Concen: 50.281 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 41 Resp: 296624
Ion Ratio Lower Upper
41 100
39 76.9 60.4 90.6
76 47.5 38.0 57.0

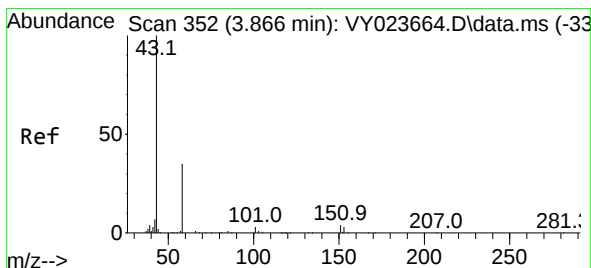
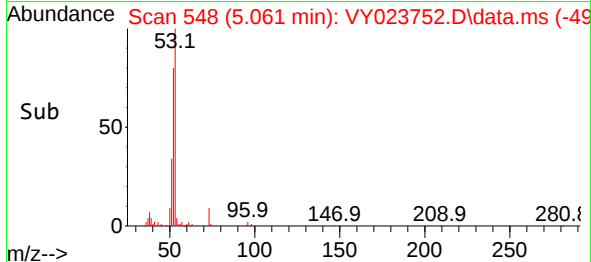
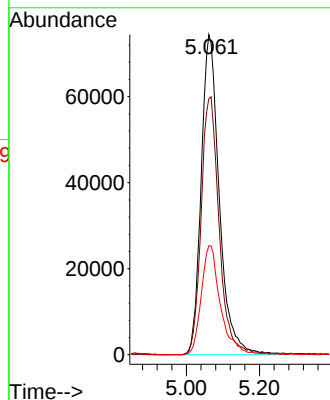
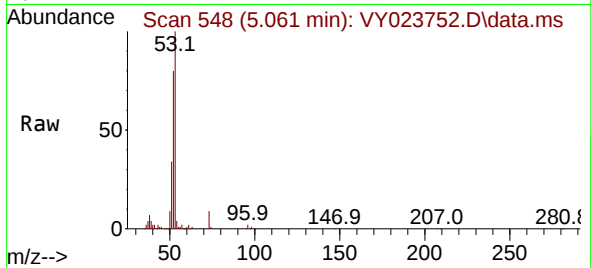




#15
Acrylonitrile
Concen: 274.130 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

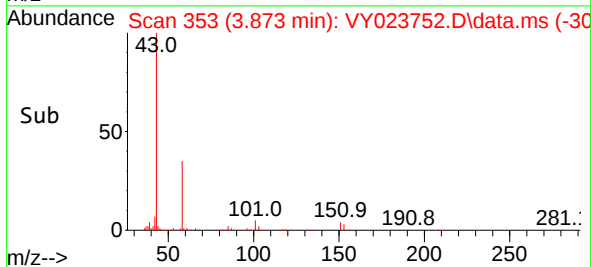
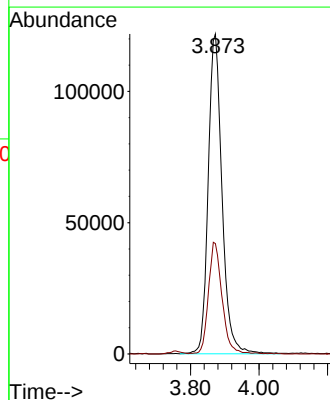
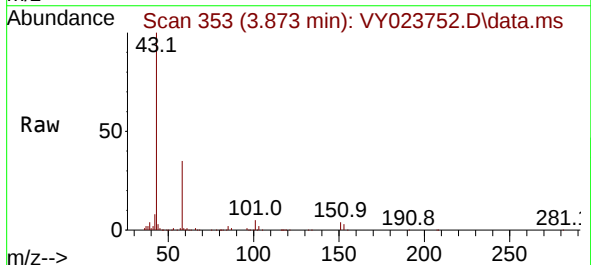
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

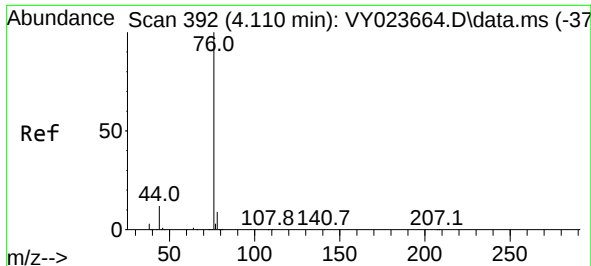
Tgt Ion: 53 Resp: 256549
Ion Ratio Lower Upper
53 100
52 80.1 64.9 97.3
51 35.9 29.4 44.0



#16
Acetone
Concen: 296.206 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 43 Resp: 340696
Ion Ratio Lower Upper
43 100
58 34.4 28.2 42.4

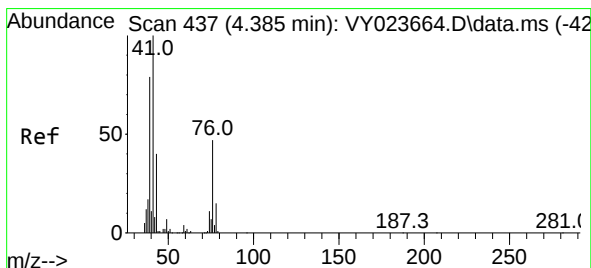
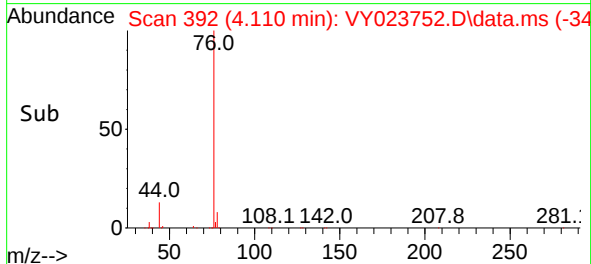
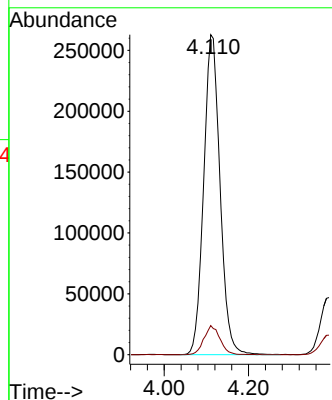
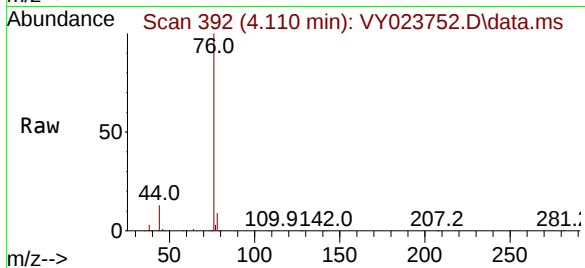




#17
Carbon Disulfide
Concen: 47.684 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

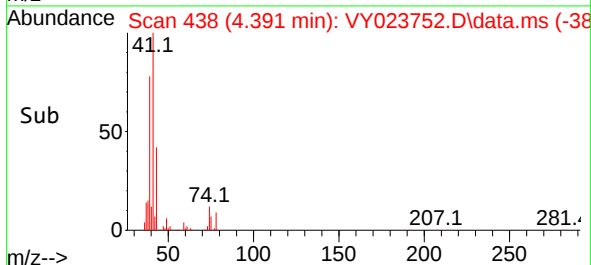
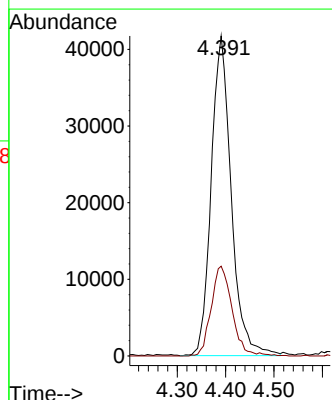
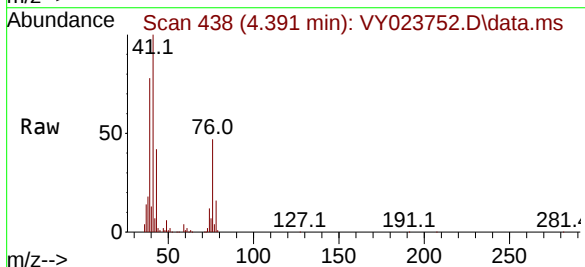
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

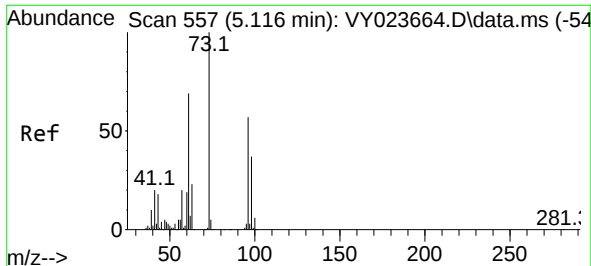
Tgt Ion: 76 Resp: 709324
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 47.261 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 43 Resp: 119901
Ion Ratio Lower Upper
43 100
74 29.3 22.5 33.7

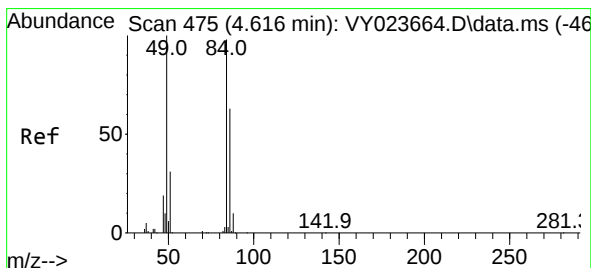
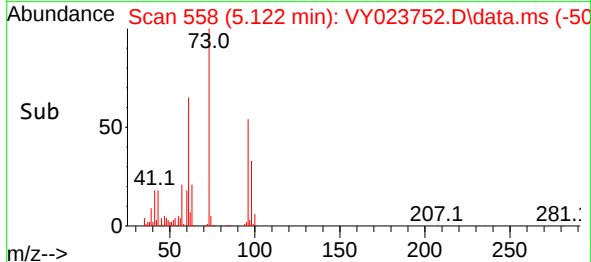
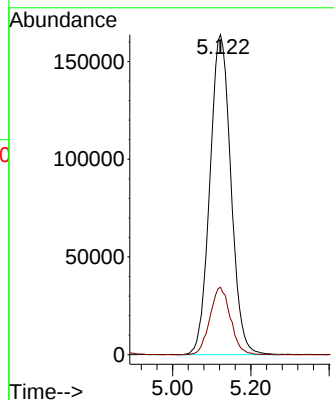
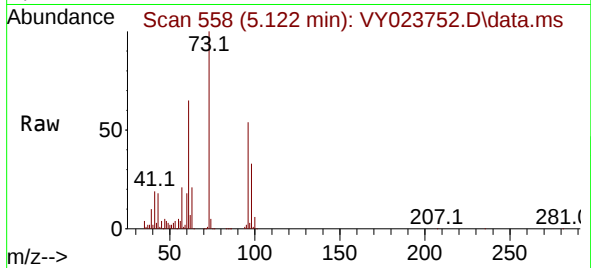




#19
Methyl tert-butyl Ether
Concen: 54.277 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

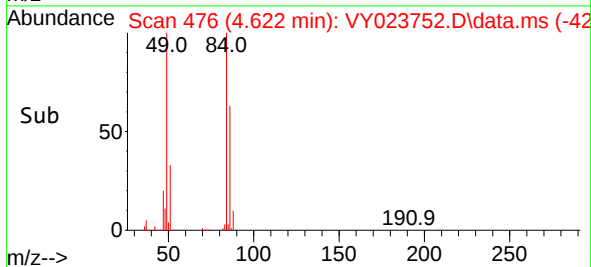
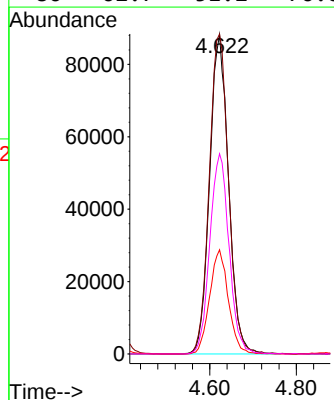
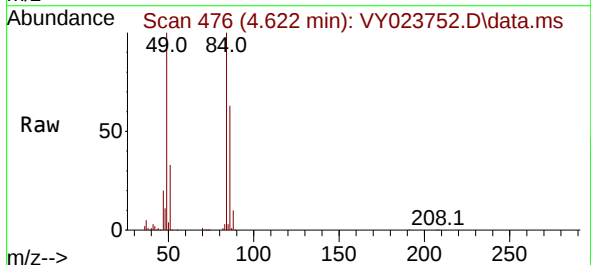
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

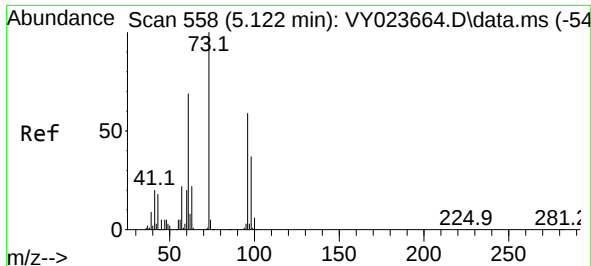
Tgt Ion: 73 Resp: 609991
Ion Ratio Lower Upper
73 100
57 21.0 16.1 24.1



#20
Methylene Chloride
Concen: 48.141 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 84 Resp: 267307
Ion Ratio Lower Upper
84 100
49 100.3 81.5 122.3
51 32.6 25.5 38.3
86 62.7 51.2 76.8

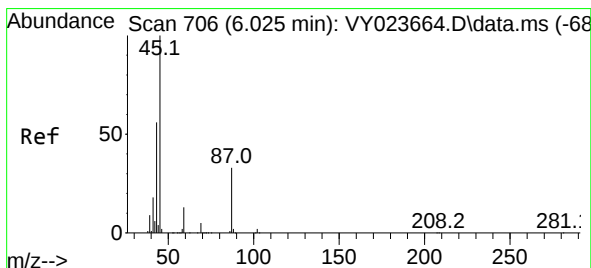
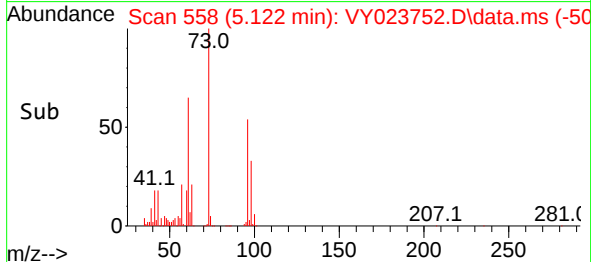
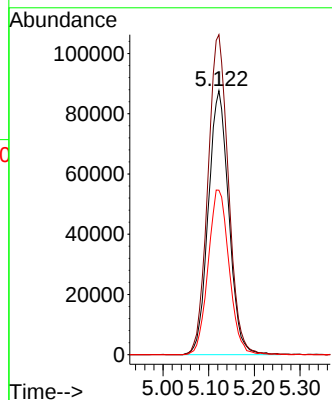
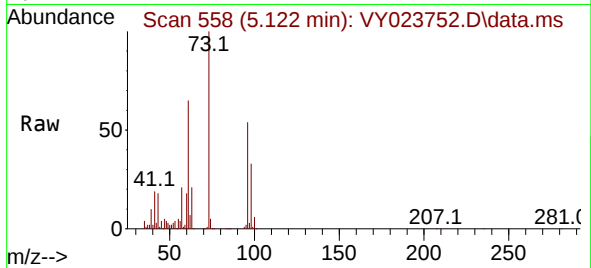




#21
trans-1,2-Dichloroethene
Concen: 49.888 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

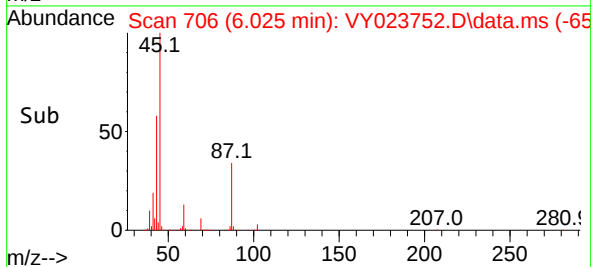
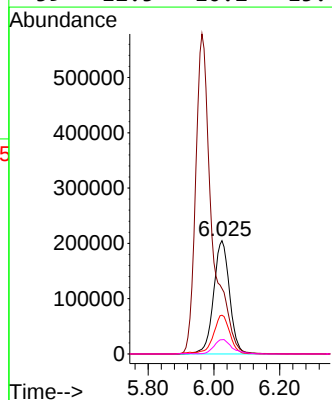
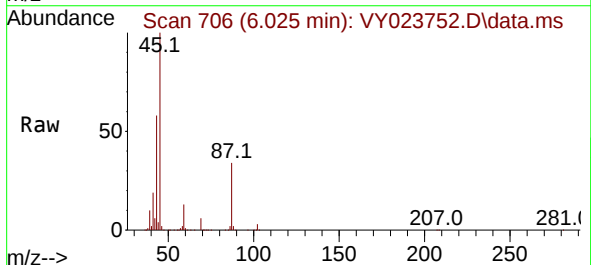
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

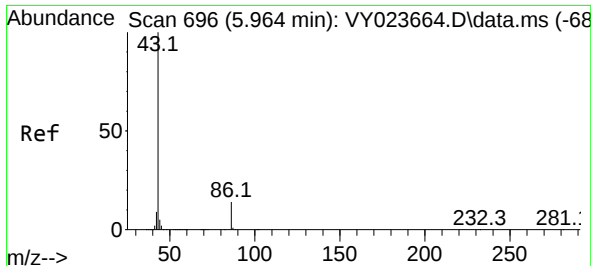
Tgt Ion: 96 Resp: 272626
Ion Ratio Lower Upper
96 100
61 121.2 93.3 139.9
98 62.3 50.6 75.8



#22
Diisopropyl ether
Concen: 52.442 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 45 Resp: 689356
Ion Ratio Lower Upper
45 100
43 57.5 44.7 67.1
87 34.1 27.2 40.8
59 12.5 10.2 15.4

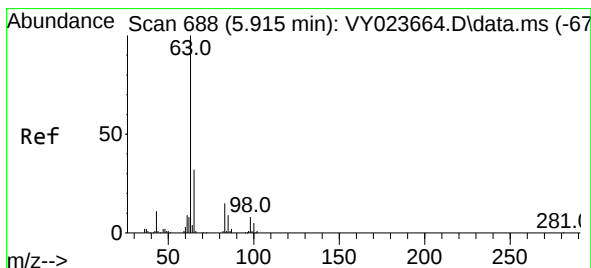
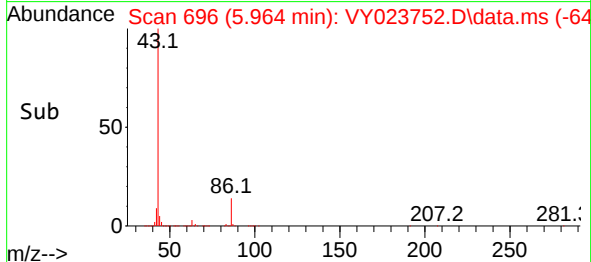
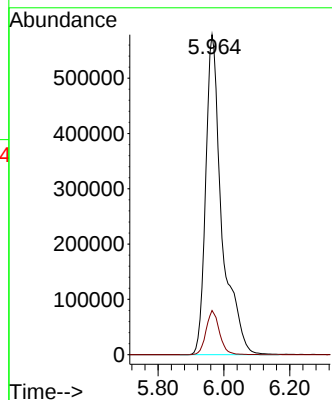
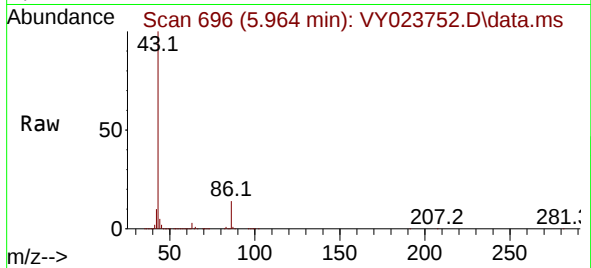




#23
 Vinyl Acetate
 Concen: 282.304 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY023752.D
 Acq: 12 Nov 2025 10:01

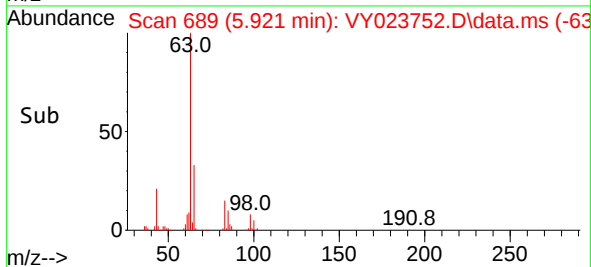
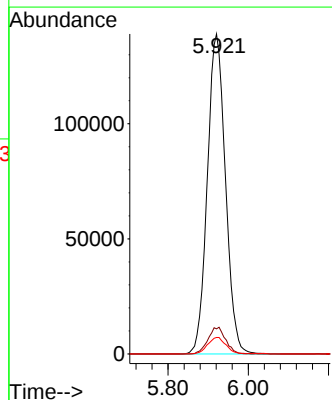
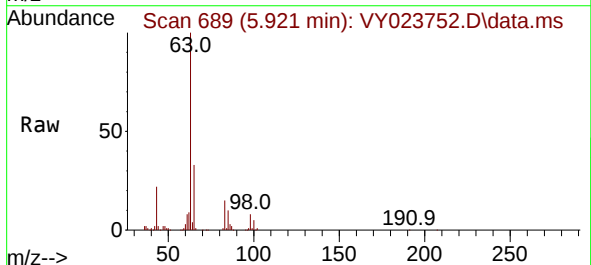
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

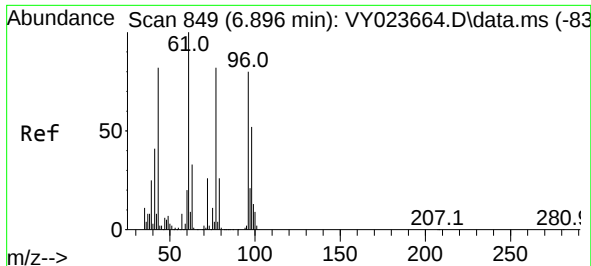
Tgt Ion: 43 Resp: 1980312
 Ion Ratio Lower Upper
 43 100
 86 13.8 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 49.791 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023752.D
 Acq: 12 Nov 2025 10:01

Tgt Ion: 63 Resp: 436028
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 11.9
 100 5.1 2.6 7.8

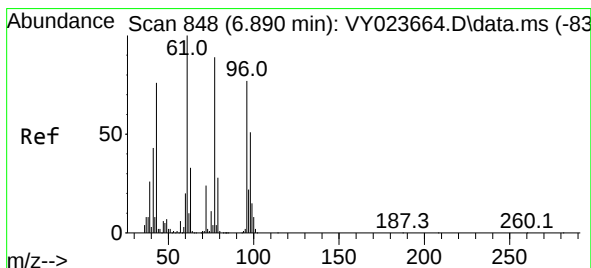
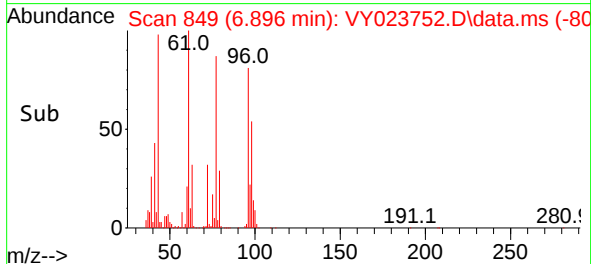
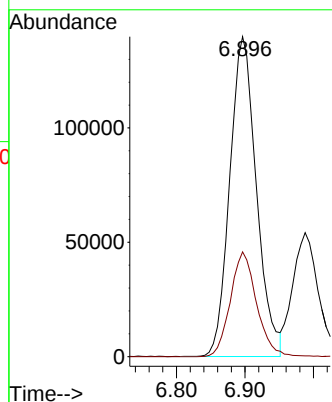
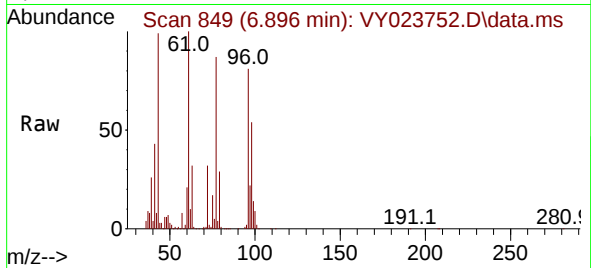




#25
2-Butanone
Concen: 284.611 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

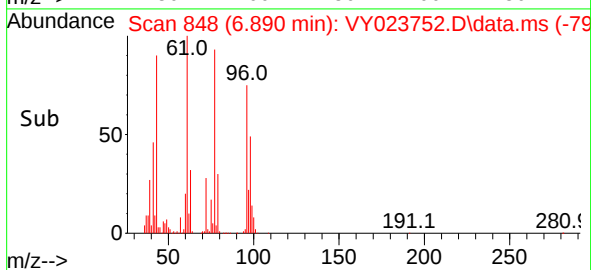
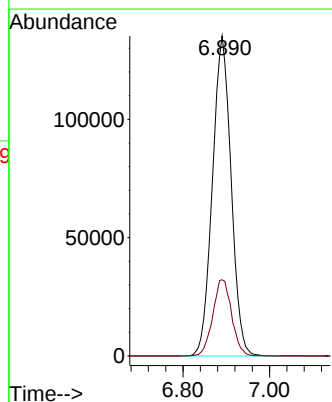
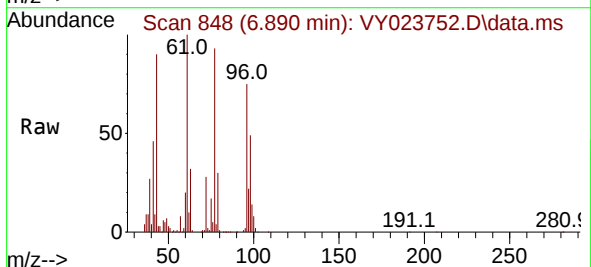
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

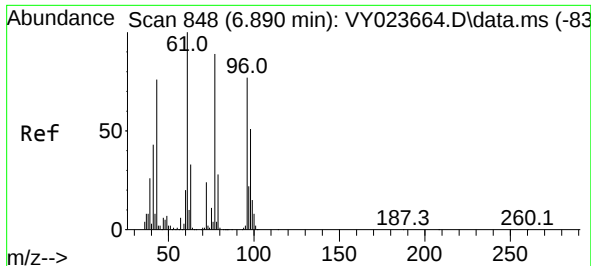
Tgt Ion: 43 Resp: 378488
Ion Ratio Lower Upper
43 100
72 32.8 25.7 38.5



#26
2,2-Dichloropropane
Concen: 50.330 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 77 Resp: 405422
Ion Ratio Lower Upper
77 100
97 24.1 12.0 36.1

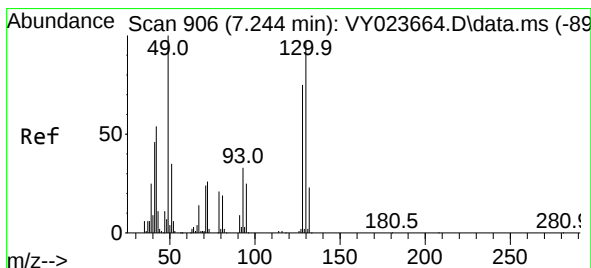
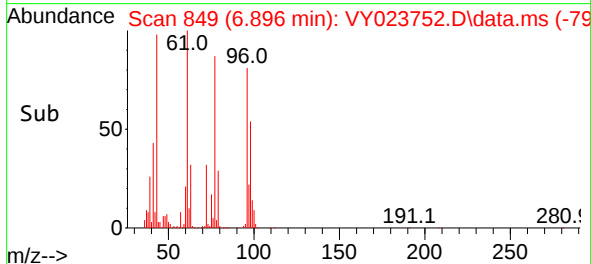
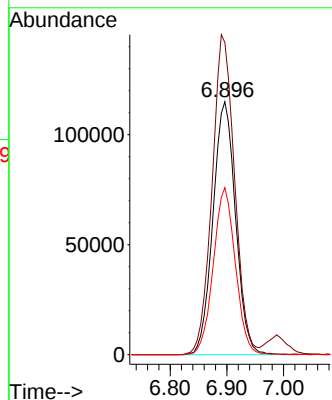
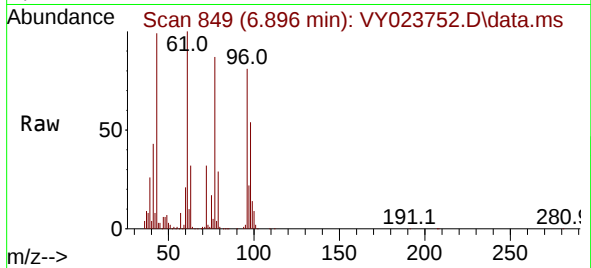




#27
 cis-1,2-Dichloroethene
 Concen: 50.982 ug/l
 RT: 6.896 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY023752.D
 Acq: 12 Nov 2025 10:01

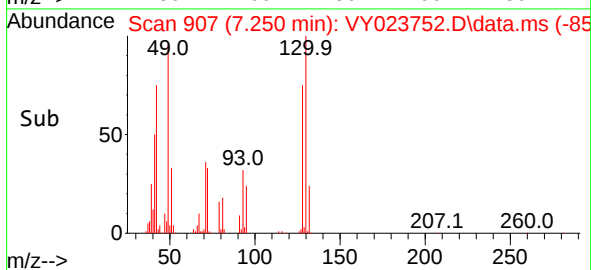
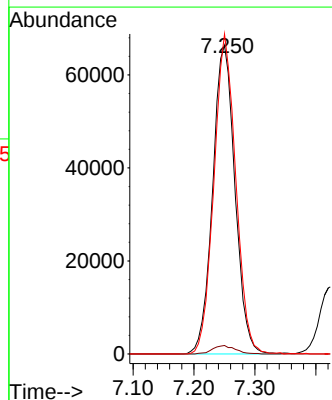
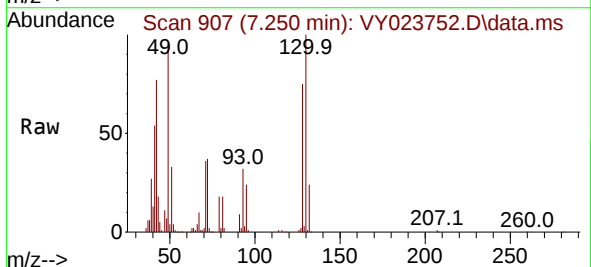
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

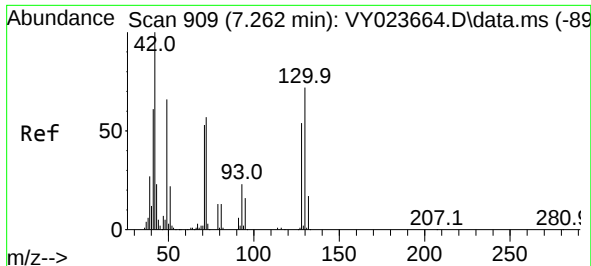
Tgt Ion: 96 Resp: 318192
 Ion Ratio Lower Upper
 96 100
 61 126.2 0.0 255.0
 98 64.4 0.0 129.8



#28
 Bromochloromethane
 Concen: 50.352 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY023752.D
 Acq: 12 Nov 2025 10:01

Tgt Ion: 49 Resp: 168834
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.0
 130 101.3 80.1 120.1

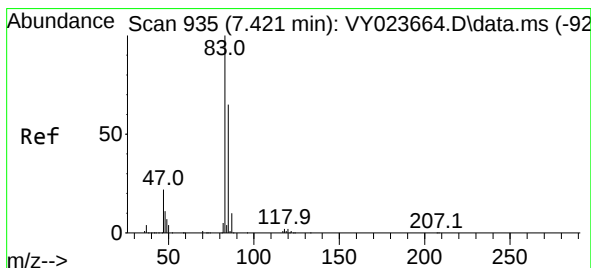
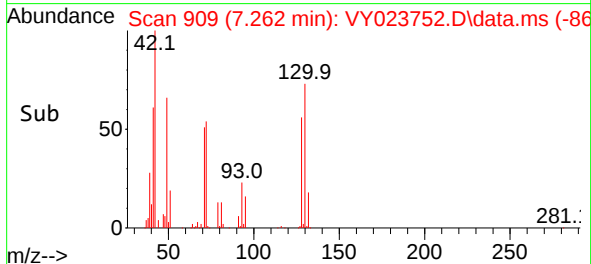
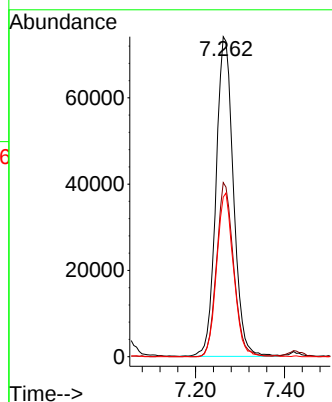
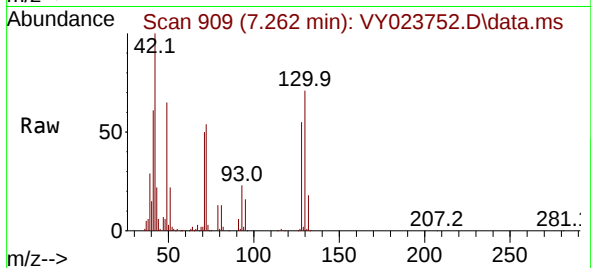




#29
Tetrahydrofuran
Concen: 284.902 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

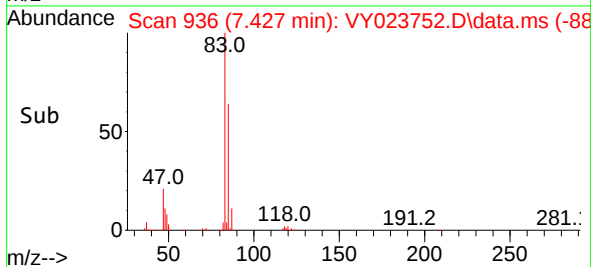
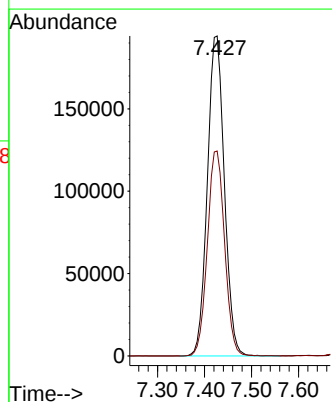
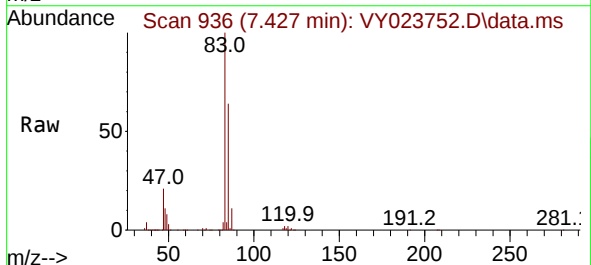
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 201776
Ion Ratio Lower Upper
42 100
72 53.2 43.4 65.2
71 49.6 40.7 61.1



#30
Chloroform
Concen: 49.839 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 83 Resp: 486957
Ion Ratio Lower Upper
83 100
85 64.1 52.1 78.1

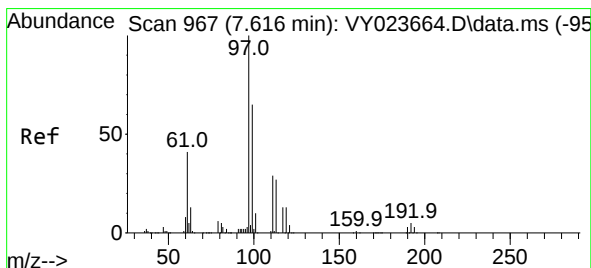
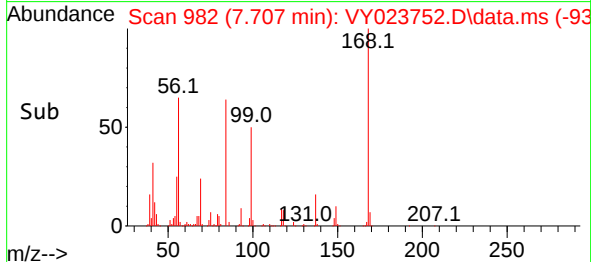
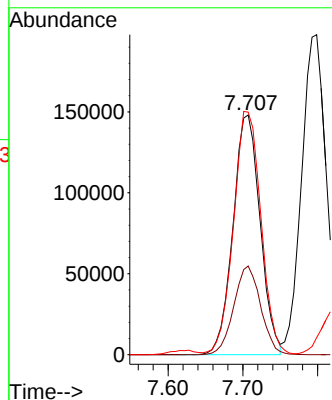
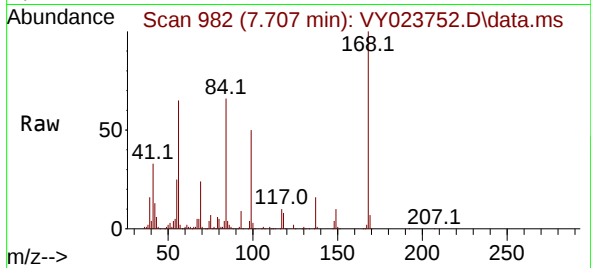




#31
Cyclohexane
Concen: 48.997 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

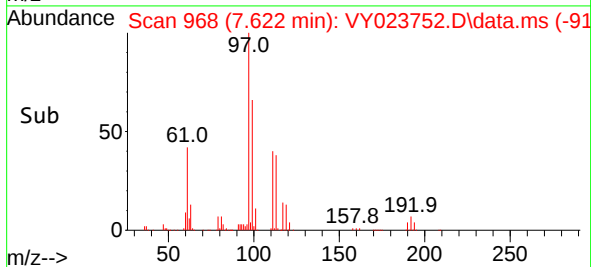
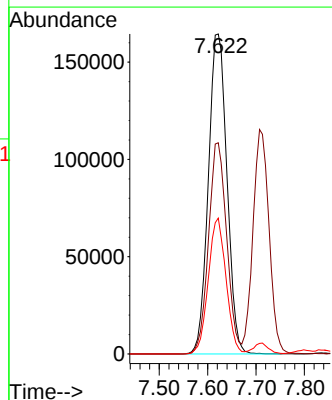
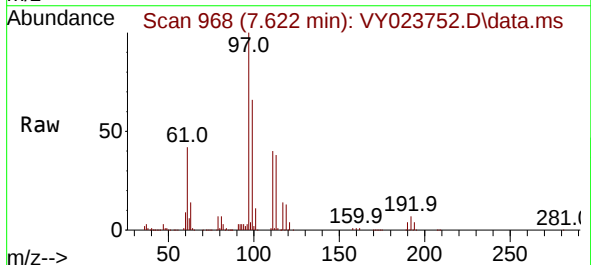
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

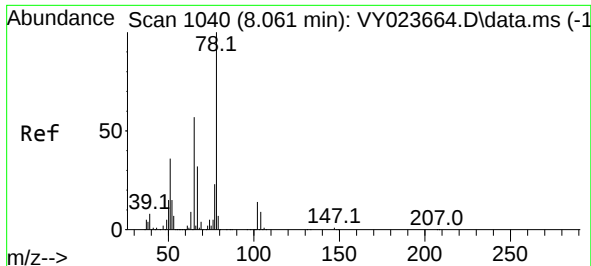
Tgt Ion: 56 Resp: 373665
Ion Ratio Lower Upper
56 100
69 37.0 30.5 45.7
84 99.4 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 50.338 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 97 Resp: 439582
Ion Ratio Lower Upper
97 100
99 64.6 51.5 77.3
61 40.6 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 49.079 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

Instrument :

MSVOA_Y

ClientSampleId :

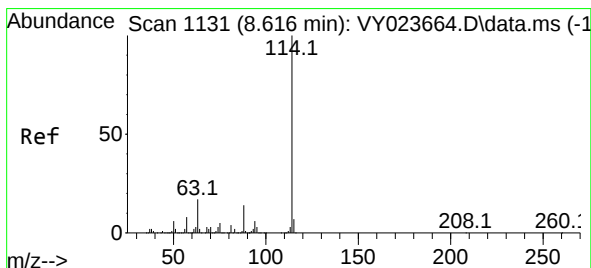
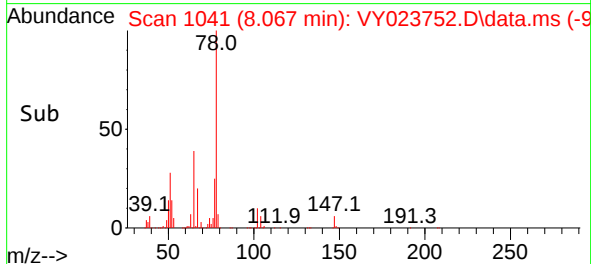
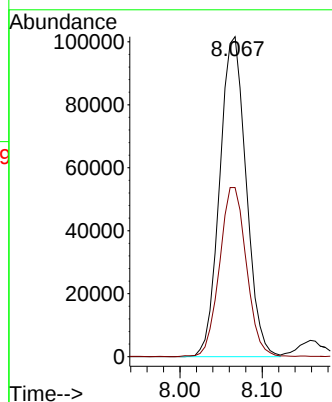
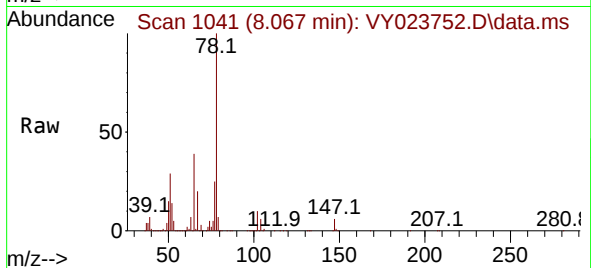
VSTDCCC050

Tgt Ion: 65 Resp: 227103

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

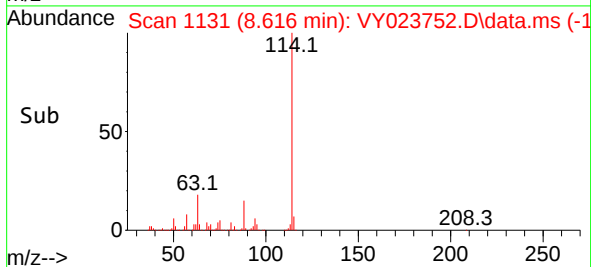
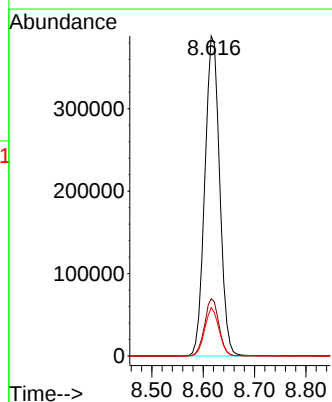
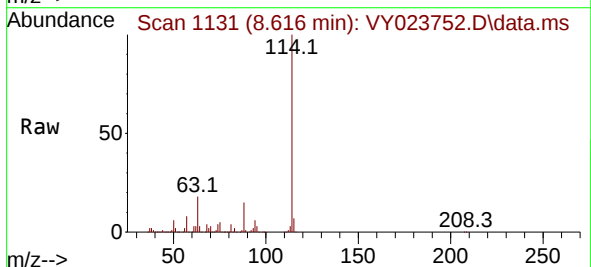
Tgt Ion: 114 Resp: 778548

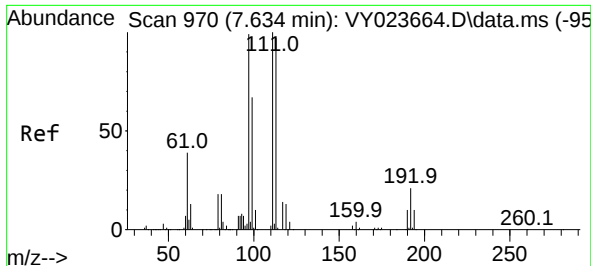
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.8

88 15.1 0.0 29.0

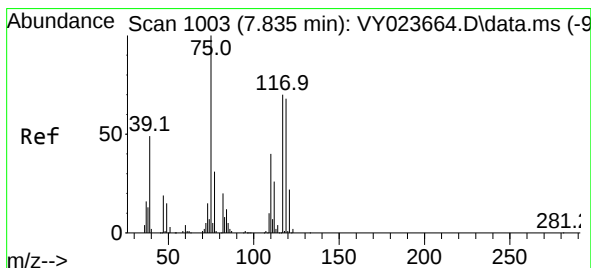
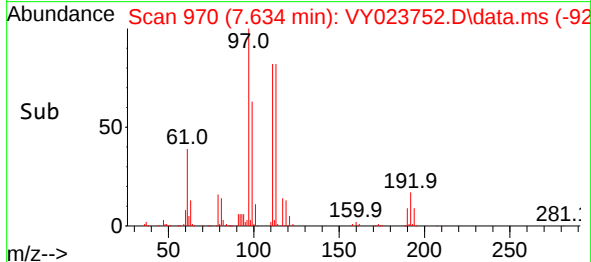
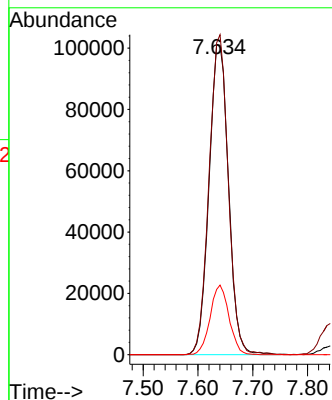
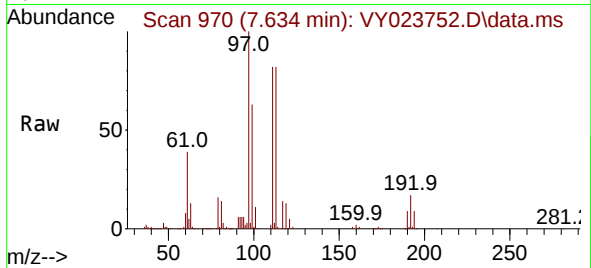




#35
Dibromofluoromethane
Concen: 51.312 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

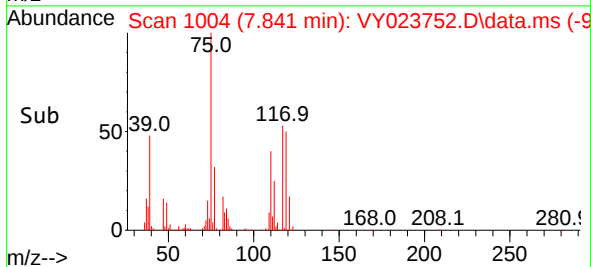
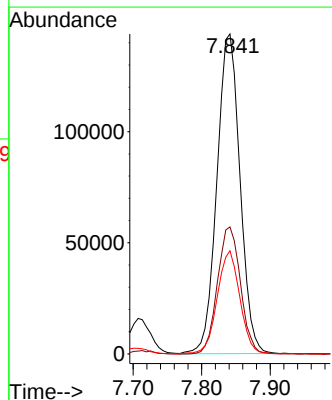
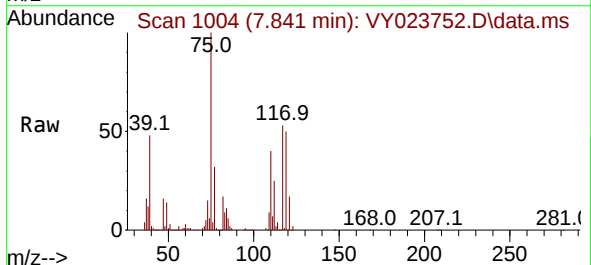
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 249654
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 21.7 17.3 25.9



#36
1,1-Dichloropropene
Concen: 51.748 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 75 Resp: 336435
Ion Ratio Lower Upper
75 100
110 39.5 19.7 59.0
77 31.6 25.2 37.8





#37

Ethyl Acetate

Concen: 57.434 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

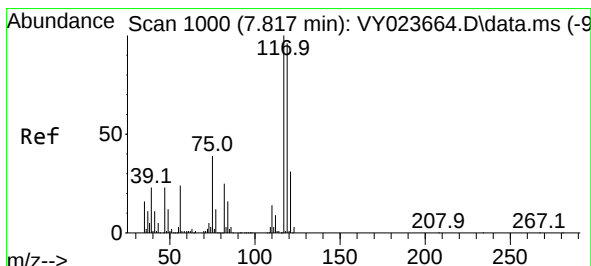
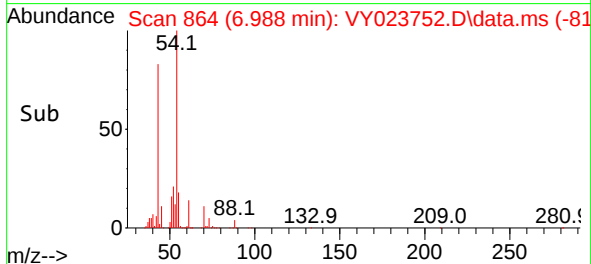
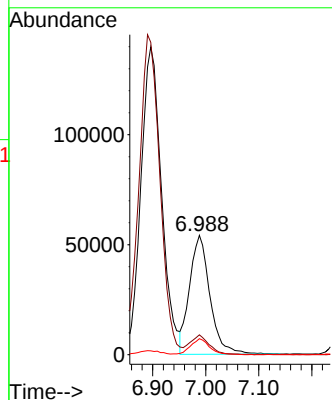
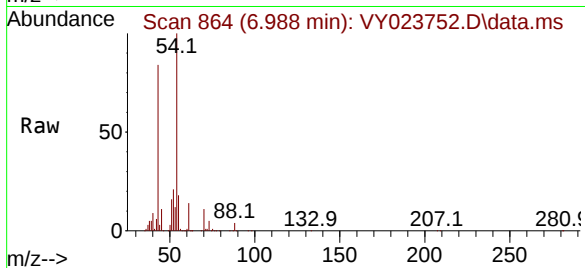
Tgt Ion: 43 Resp: 144553

Ion Ratio Lower Upper

43 100

61 15.8 12.4 18.6

70 12.4 9.8 14.8



#38

Carbon Tetrachloride

Concen: 52.770 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

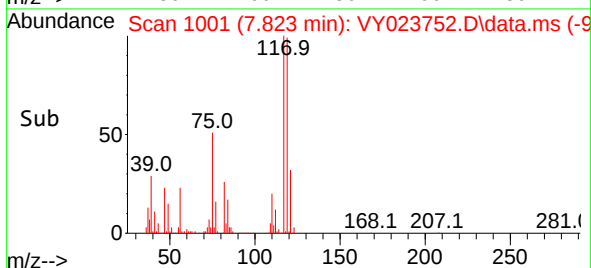
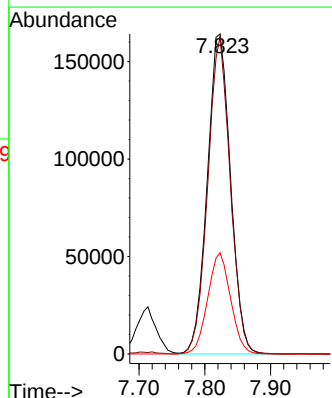
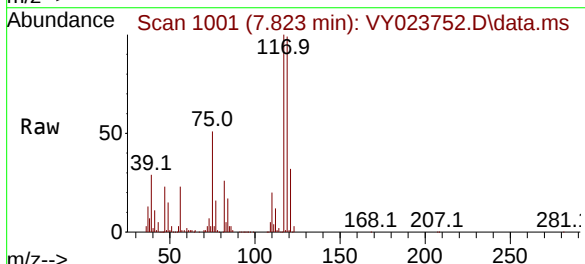
Tgt Ion: 117 Resp: 404231

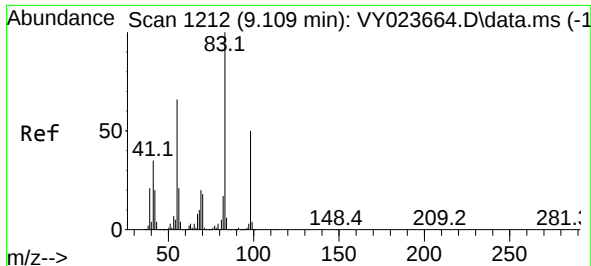
Ion Ratio Lower Upper

117 100

119 99.1 76.3 114.5

121 31.7 24.8 37.2





#39

Methylcyclohexane

Concen: 53.914 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

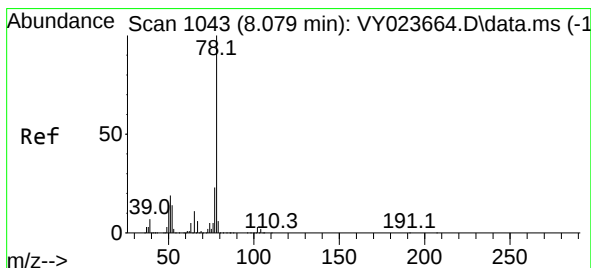
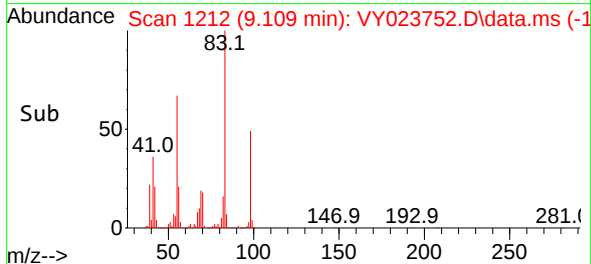
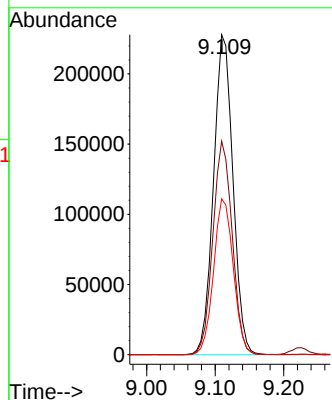
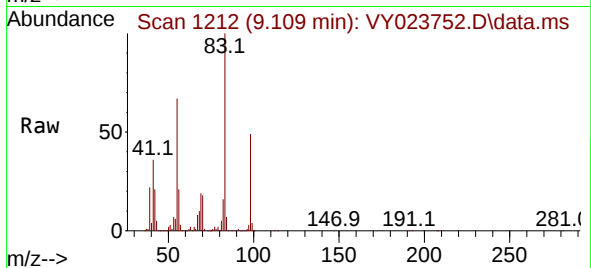
Tgt Ion: 83 Resp: 447873

Ion Ratio Lower Upper

83 100

55 66.8 52.6 78.8

98 48.7 39.7 59.5



#40

Benzene

Concen: 51.606 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023752.D

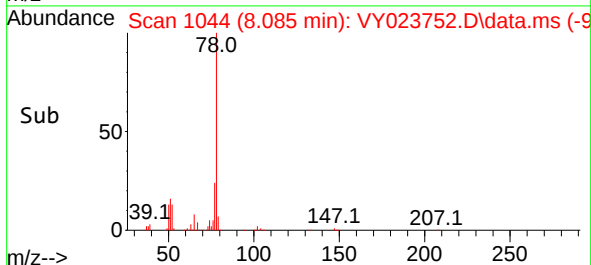
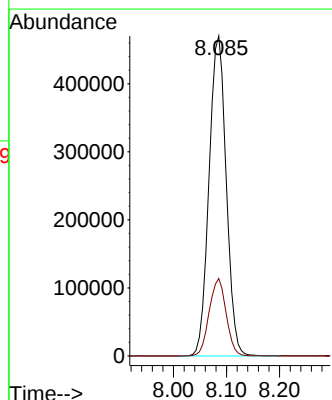
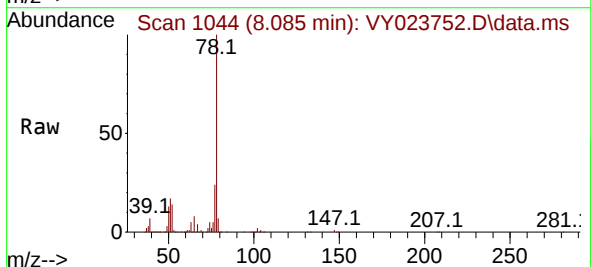
Acq: 12 Nov 2025 10:01

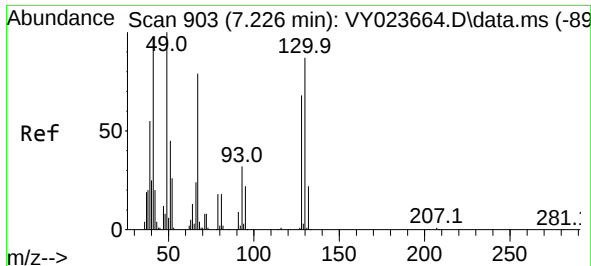
Tgt Ion: 78 Resp: 1057576

Ion Ratio Lower Upper

78 100

77 24.2 18.8 28.2

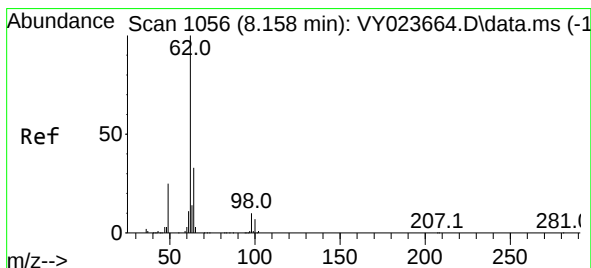
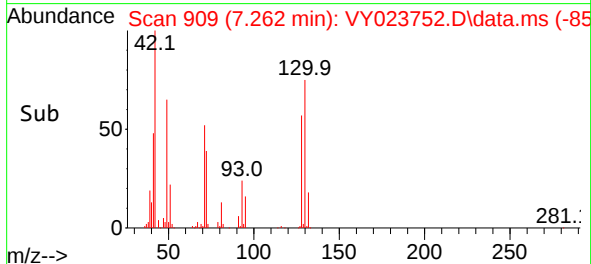
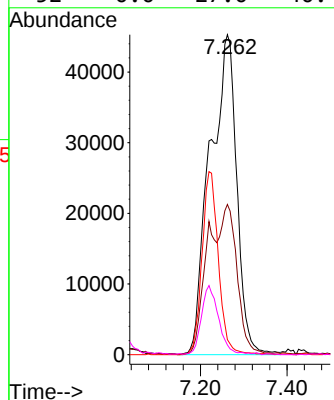
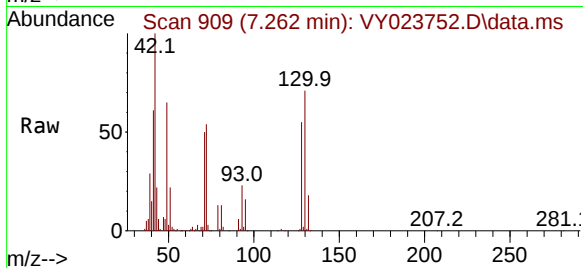




#41
Methacrylonitrile
Concen: 141.503 ug/l
RT: 7.262 min Scan# 903
Delta R.T. 0.037 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

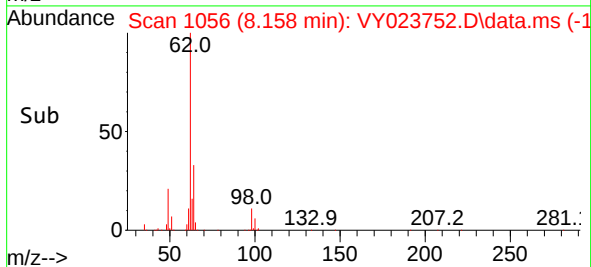
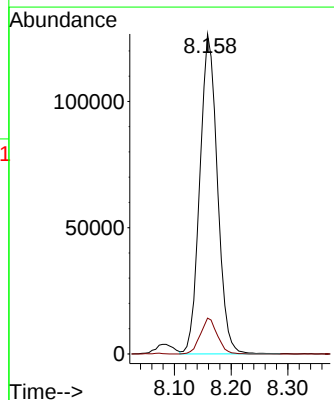
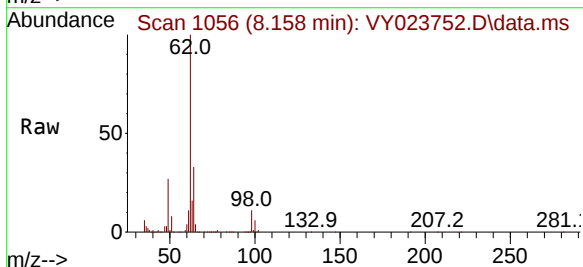
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

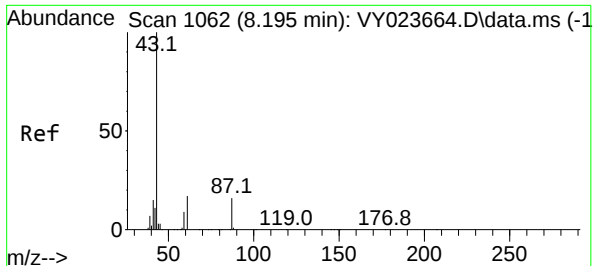
Tgt Ion: 41 Resp: 194398
Ion Ratio Lower Upper
41 100
39 26.5 38.6 57.8#
67 0.0 71.3 106.9#
52 0.0 27.0 40.4#



#42
1,2-Dichloroethane
Concen: 52.532 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 62 Resp: 272360
Ion Ratio Lower Upper
62 100
98 10.8 0.0 21.0





#43

Isopropyl Acetate

Concen: 56.911 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

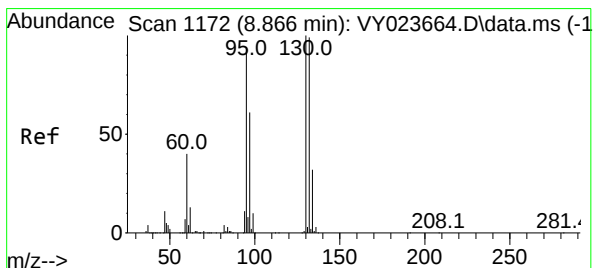
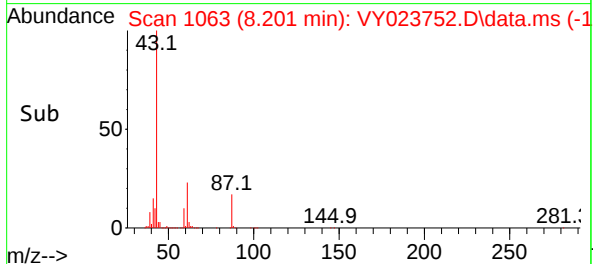
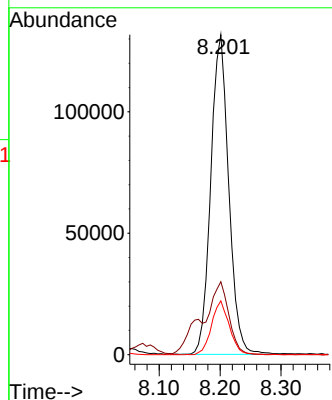
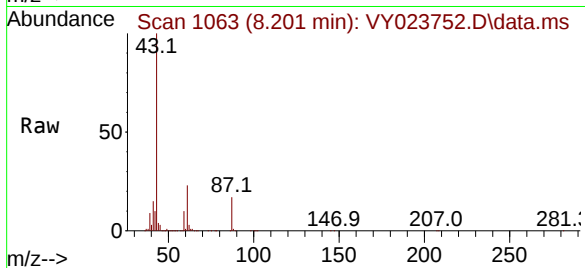
Tgt Ion: 43 Resp: 269125

Ion Ratio Lower Upper

43 100

61 23.8 18.2 27.2

87 16.8 13.3 19.9



#44

Trichloroethene

Concen: 51.507 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY023752.D

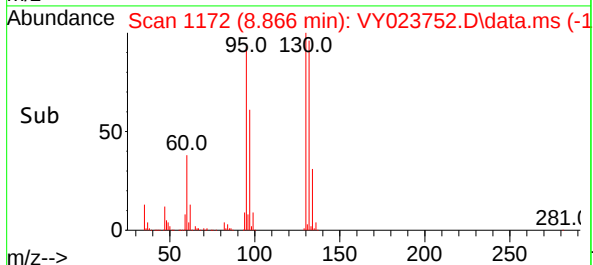
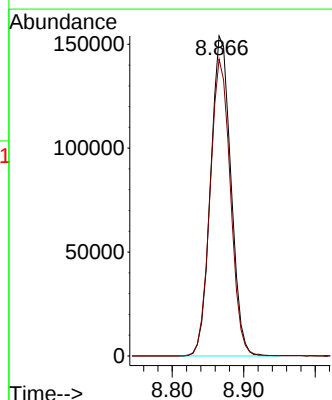
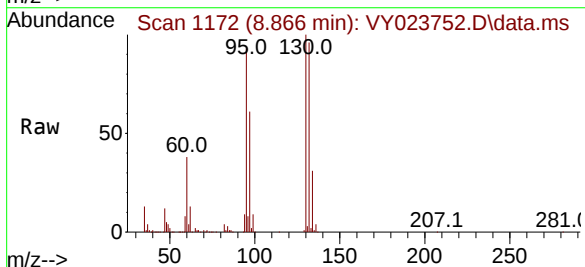
Acq: 12 Nov 2025 10:01

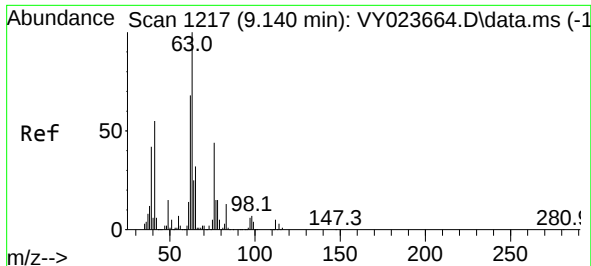
Tgt Ion:130 Resp: 303172

Ion Ratio Lower Upper

130 100

95 92.8 0.0 187.0





#45

1,2-Dichloropropane

Concen: 51.875 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

Instrument :

MSVOA_Y

ClientSampleId :

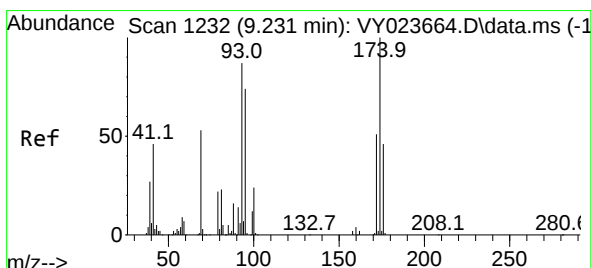
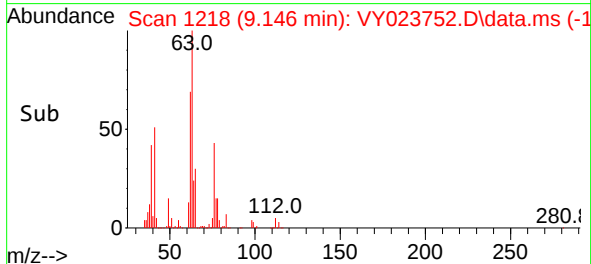
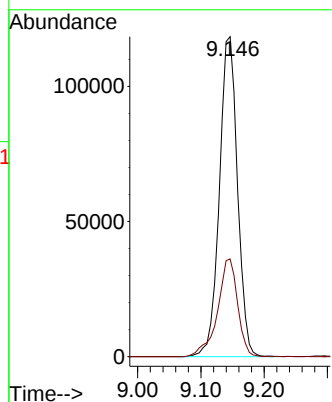
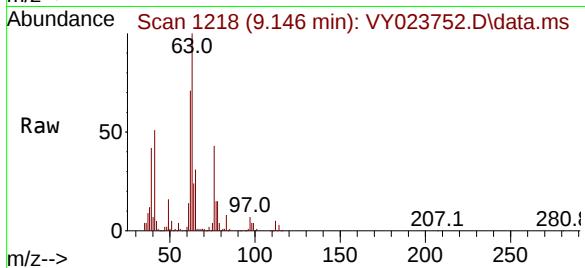
VSTDCCC050

Tgt Ion: 63 Resp: 234620

Ion Ratio Lower Upper

63 100

65 30.6 25.6 38.4



#46

Dibromomethane

Concen: 54.149 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

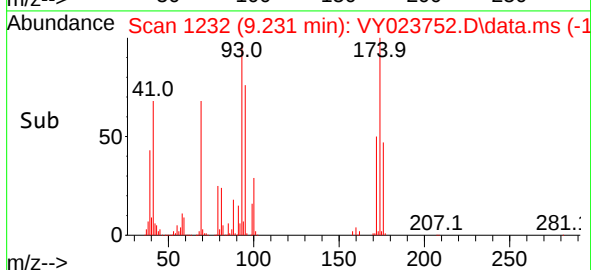
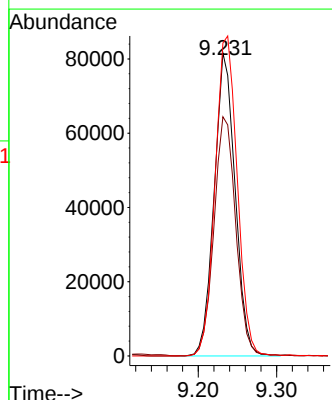
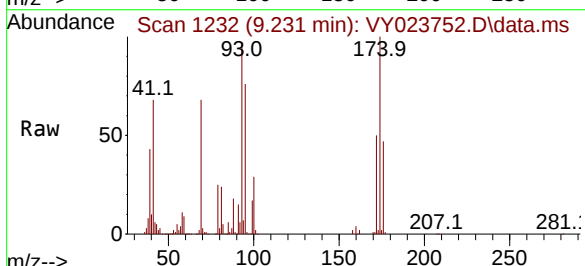
Tgt Ion: 93 Resp: 151745

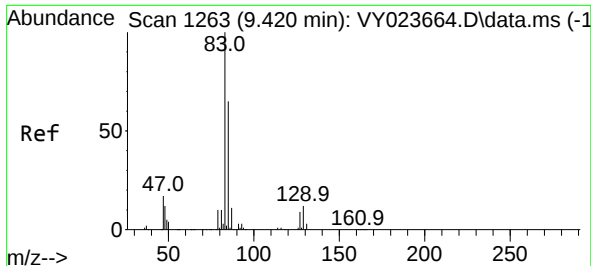
Ion Ratio Lower Upper

93 100

95 82.5 67.4 101.2

174 111.4 89.4 134.0

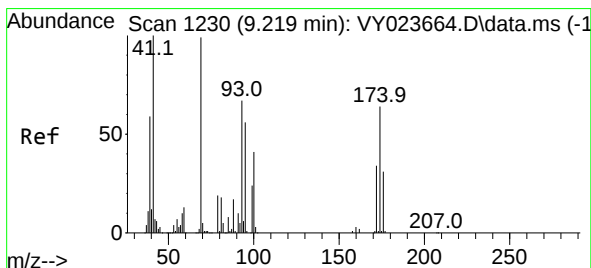
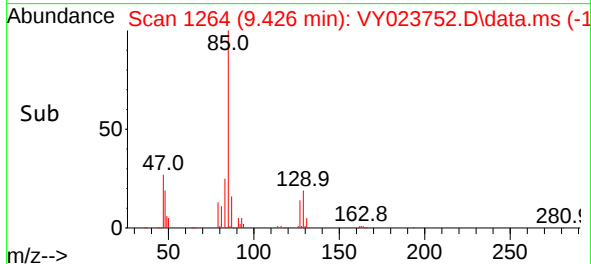
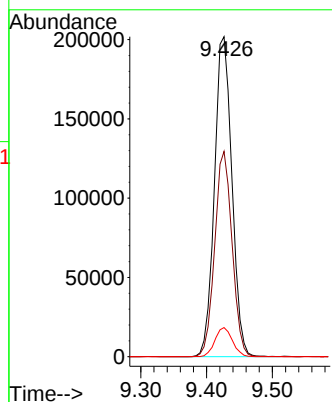
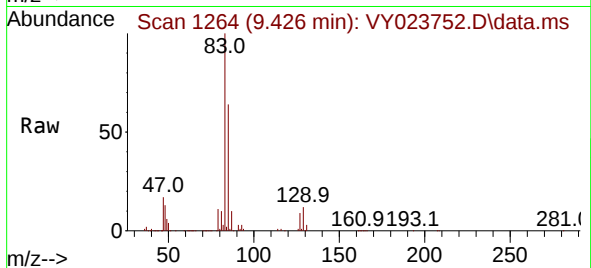




#47
Bromodichloromethane
Concen: 52.874 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

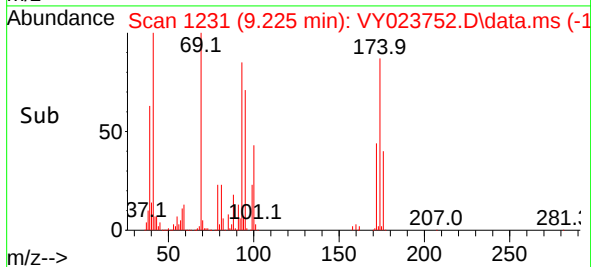
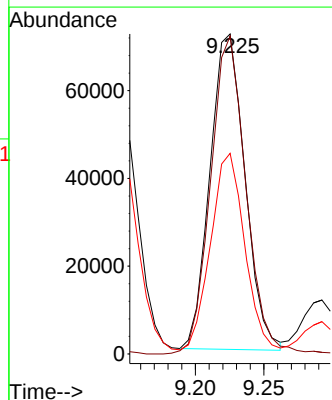
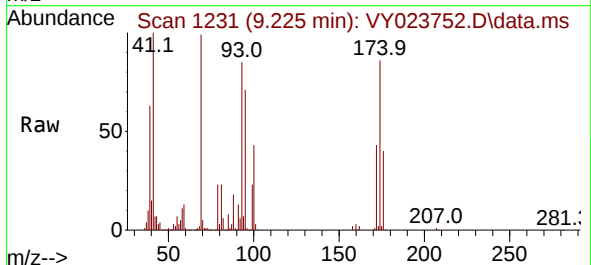
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

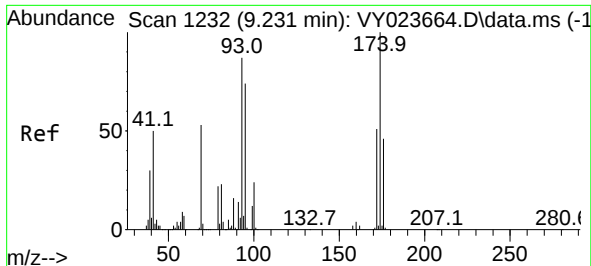
Tgt Ion: 83 Resp: 373574
Ion Ratio Lower Upper
83 100
85 64.1 52.1 78.1
127 9.1 7.5 11.3



#48
Methyl methacrylate
Concen: 57.229 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 41 Resp: 127862
Ion Ratio Lower Upper
41 100
69 101.6 80.2 120.2
39 60.4 47.4 71.0





#49

1,4-Dioxane

Concen: 1142.921 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

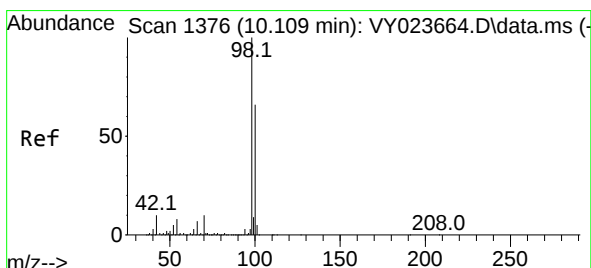
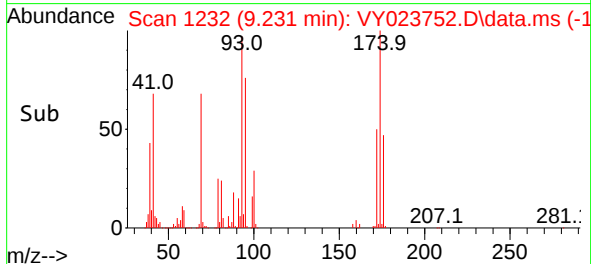
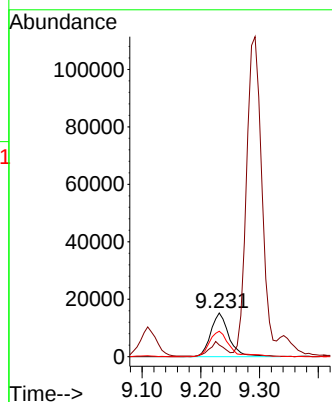
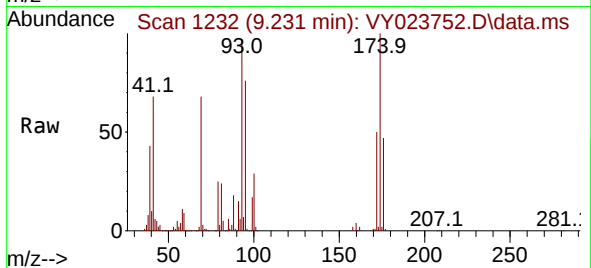
Tgt Ion: 88 Resp: 32778

Ion Ratio Lower Upper

88 100

43 26.2 22.0 33.0

58 65.2 47.8 71.8



#50

Toluene-d8

Concen: 51.262 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023752.D

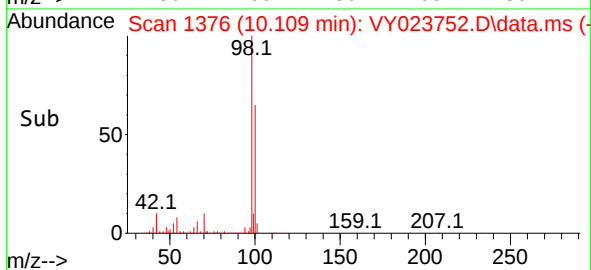
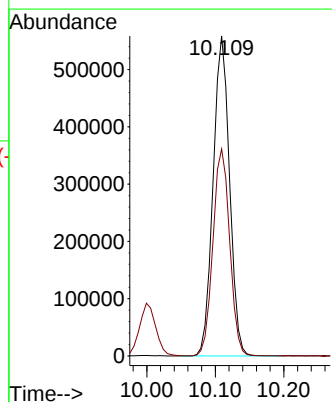
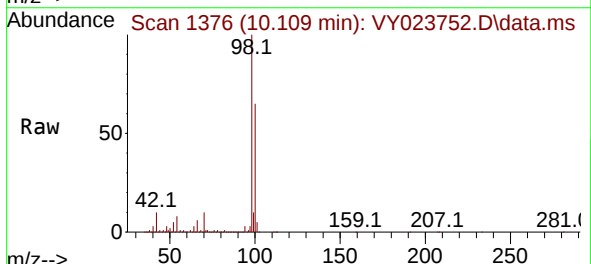
Acq: 12 Nov 2025 10:01

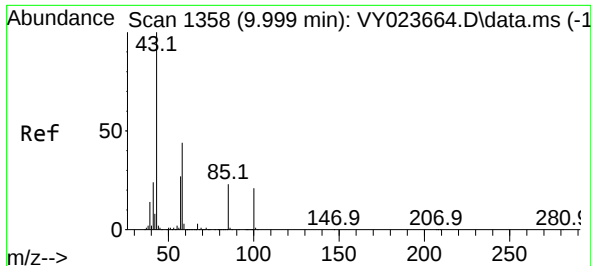
Tgt Ion: 98 Resp: 929077

Ion Ratio Lower Upper

98 100

100 65.9 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 293.452 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

Instrument :

MSVOA_Y

ClientSampleId :

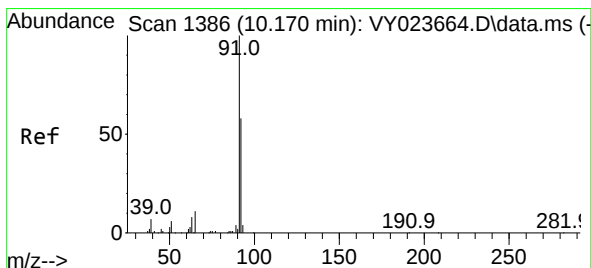
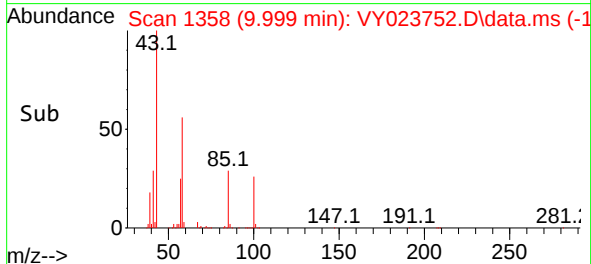
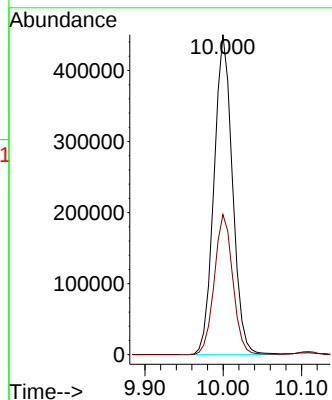
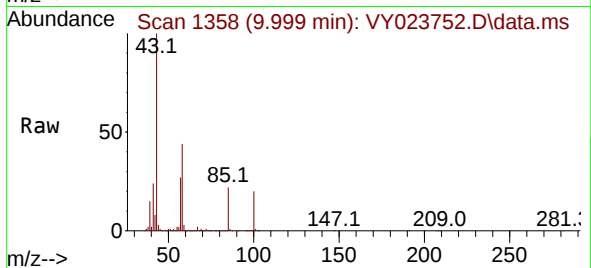
VSTDCCC050

Tgt Ion: 43 Resp: 737994

Ion Ratio Lower Upper

43 100

58 43.8 34.8 52.2



#52

Toluene

Concen: 53.583 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023752.D

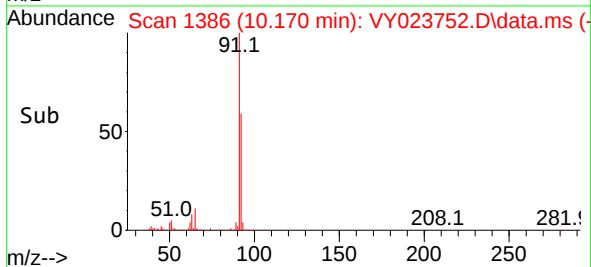
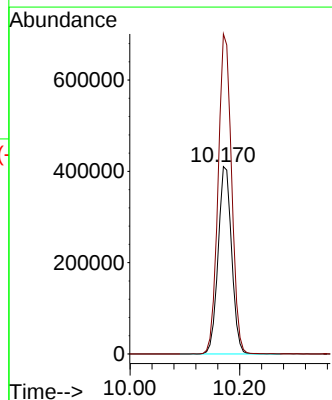
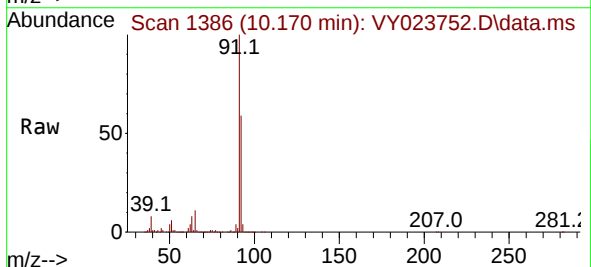
Acq: 12 Nov 2025 10:01

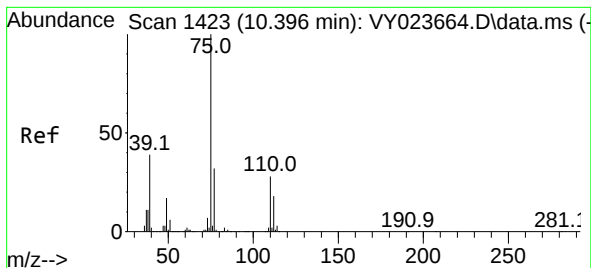
Tgt Ion: 92 Resp: 701055

Ion Ratio Lower Upper

92 100

91 170.6 137.8 206.8

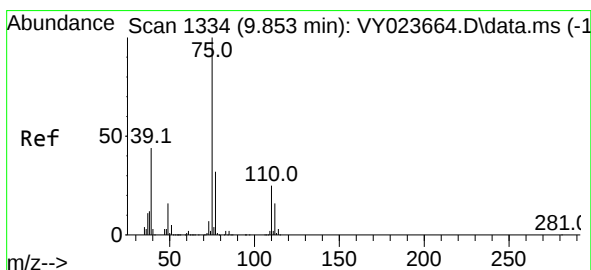
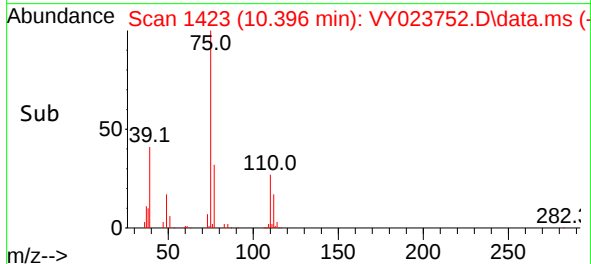
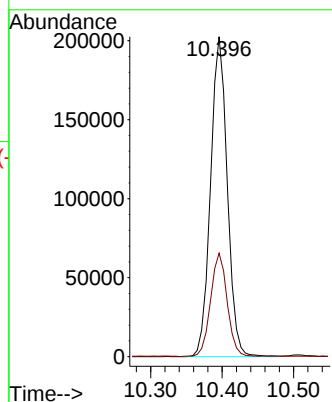
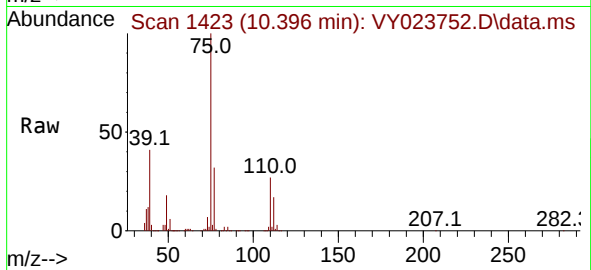




#53
 t-1,3-Dichloropropene
 Concen: 55.004 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY023752.D
 Acq: 12 Nov 2025 10:01

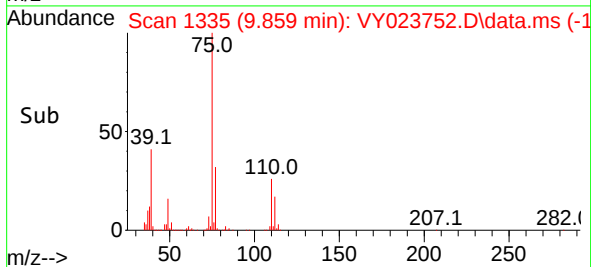
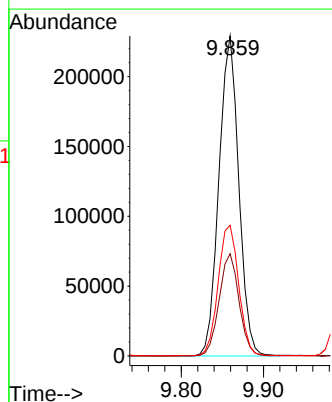
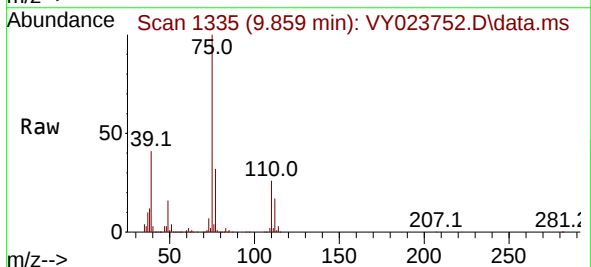
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

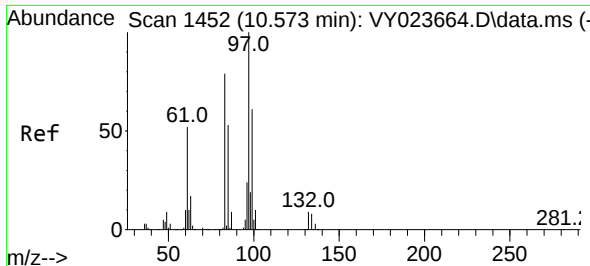
Tgt Ion: 75 Resp: 328830
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 53.676 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023752.D
 Acq: 12 Nov 2025 10:01

Tgt Ion: 75 Resp: 384462
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5
 39 40.8 34.9 52.3

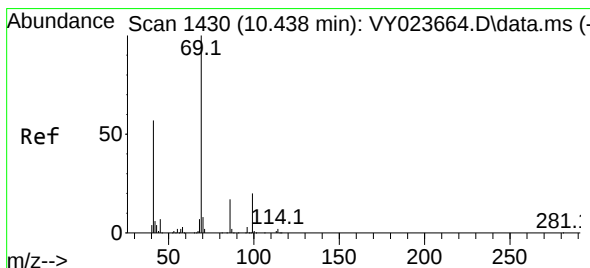
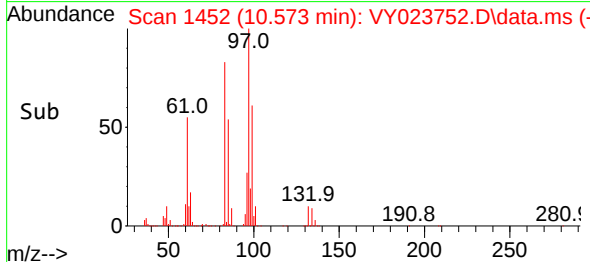
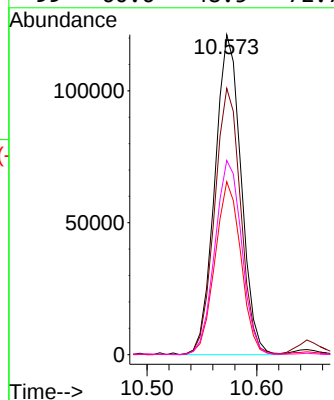
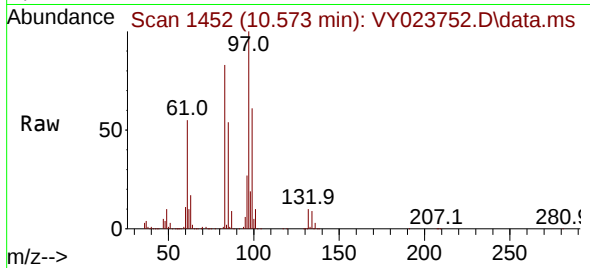




#55
1,1,2-Trichloroethane
Concen: 53.983 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

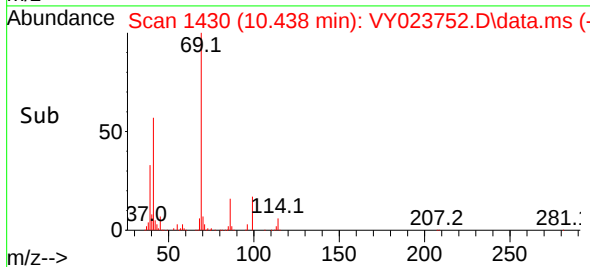
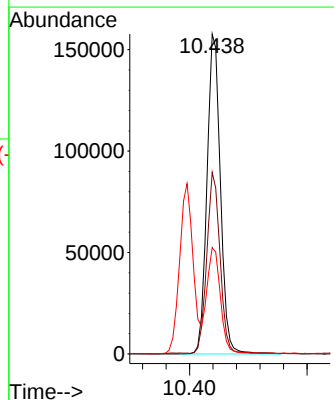
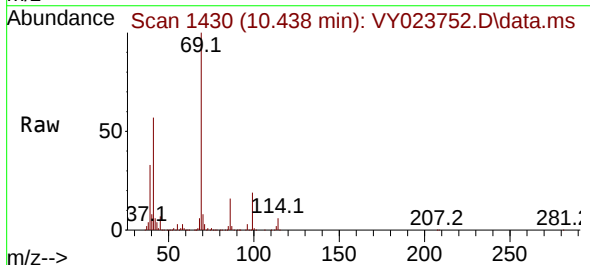
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

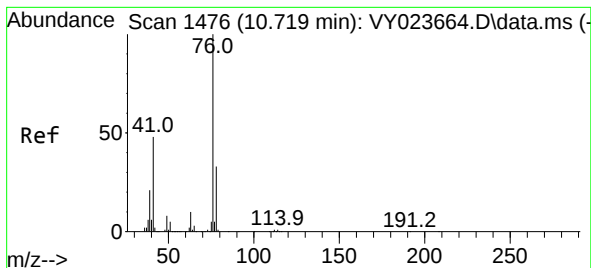
Tgt Ion: 97	Resp: 202168
Ion Ratio	Lower Upper
97 100	
83 83.3	63.3 94.9
85 54.0	42.4 63.6
99 60.6	48.5 72.7



#56
Ethyl methacrylate
Concen: 60.719 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 69	Resp: 250544
Ion Ratio	Lower Upper
69 100	
41 55.4	45.0 67.4
39 33.2	25.1 37.7

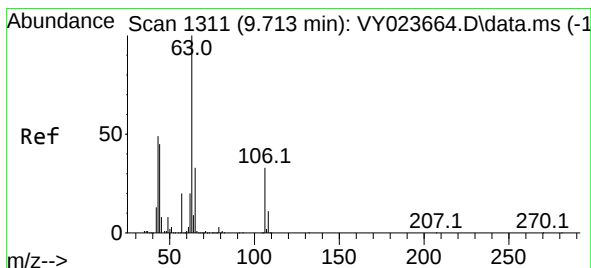
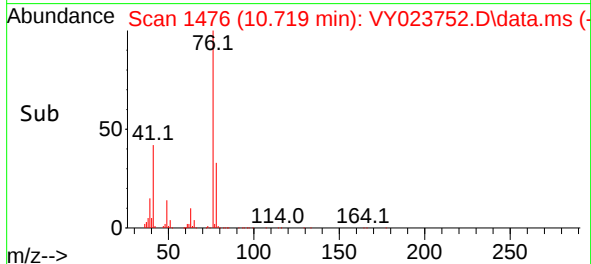
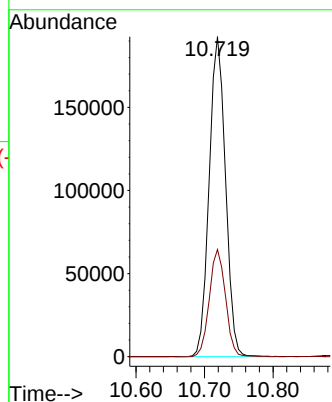
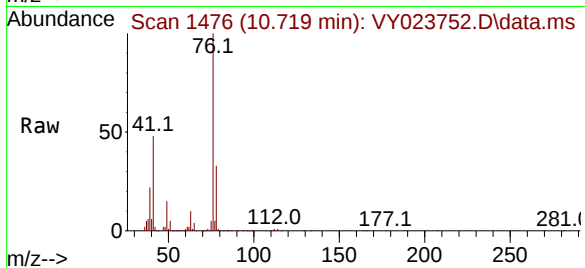




#57
1,3-Dichloropropane
Concen: 53.676 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

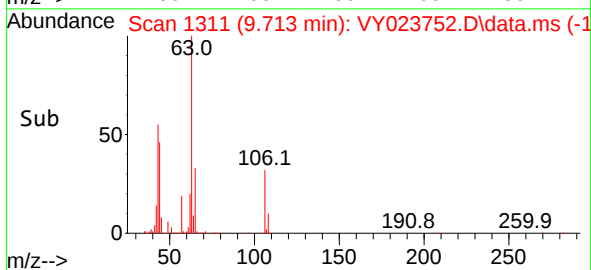
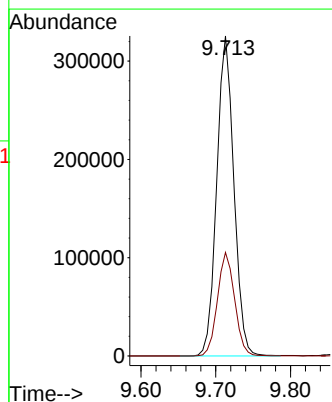
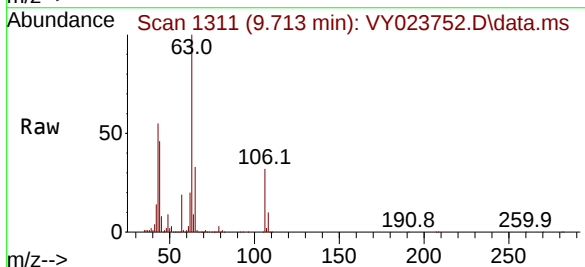
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

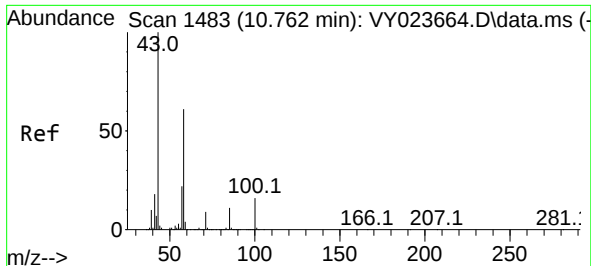
Tgt Ion: 76 Resp: 318852
Ion Ratio Lower Upper
76 100
78 33.2 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 273.439 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 63 Resp: 517745
Ion Ratio Lower Upper
63 100
106 32.4 26.2 39.2

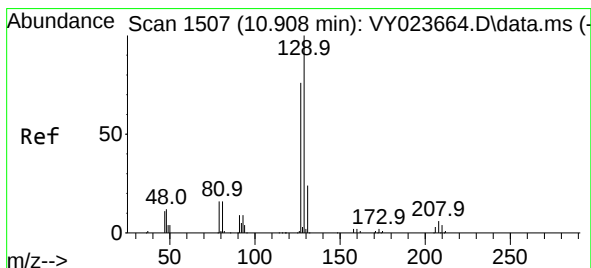
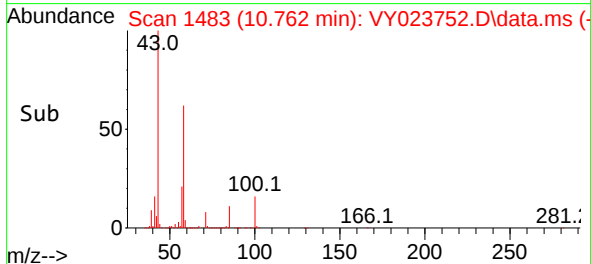
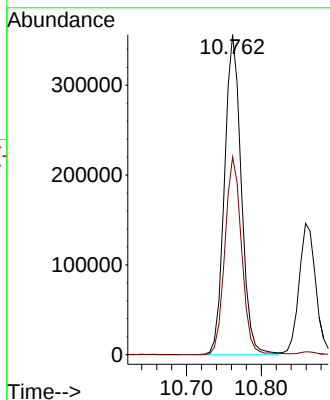
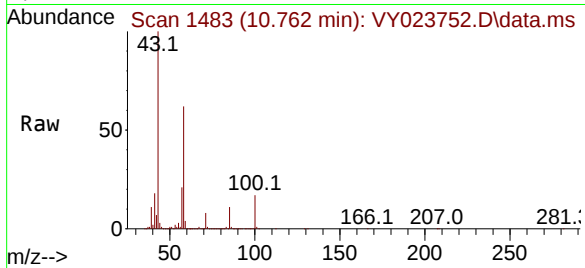




#59
2-Hexanone
Concen: 303.122 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

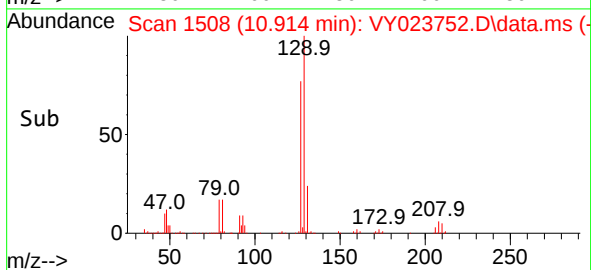
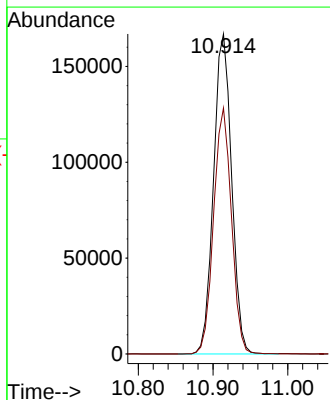
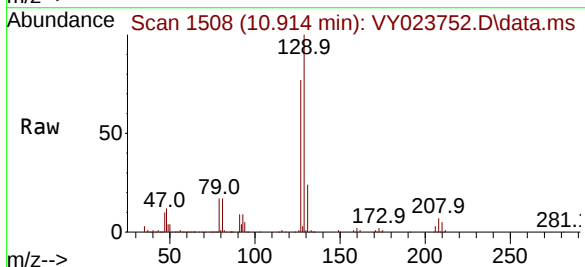
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

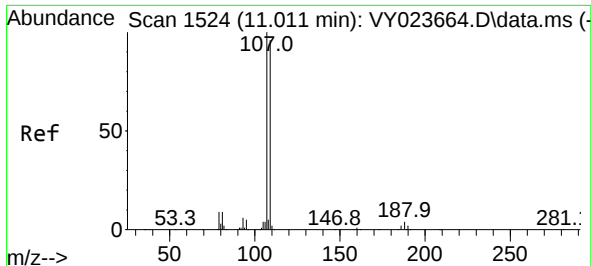
Tgt Ion: 43 Resp: 556162
Ion Ratio Lower Upper
43 100
58 61.5 30.2 90.6



#60
Dibromochloromethane
Concen: 54.637 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 129 Resp: 281149
Ion Ratio Lower Upper
129 100
127 76.0 38.4 115.2

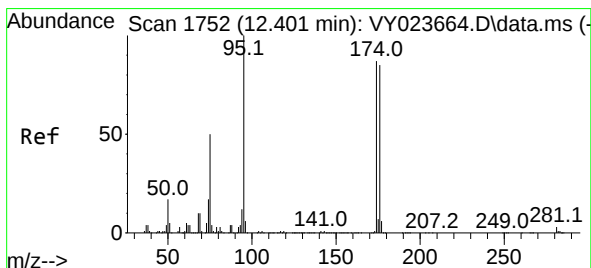
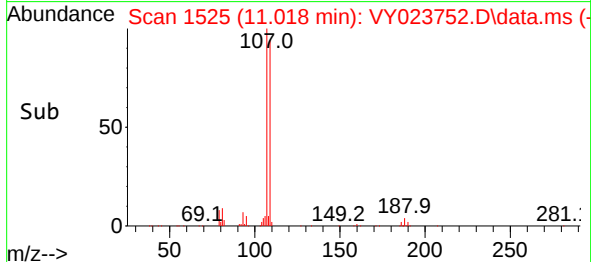
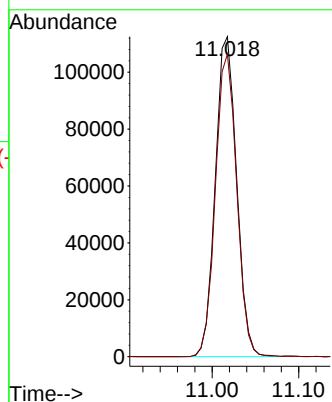
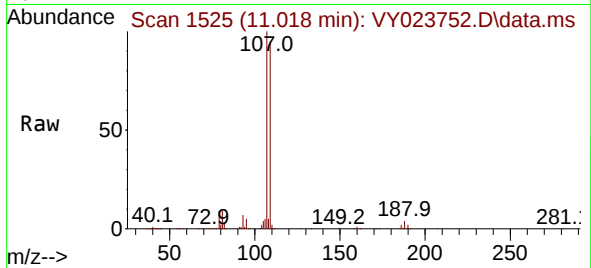




#61
1,2-Dibromoethane
Concen: 54.724 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

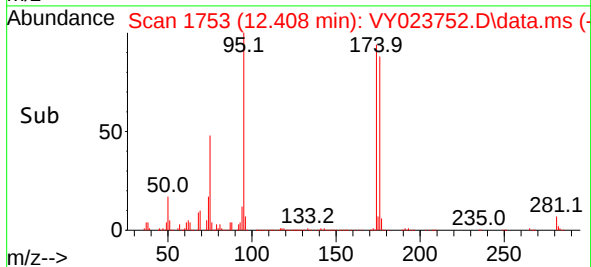
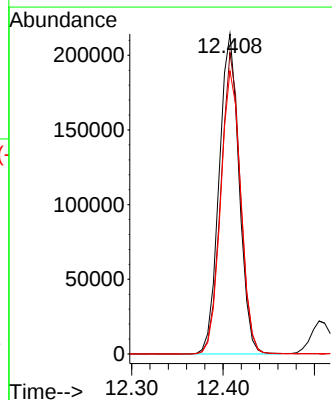
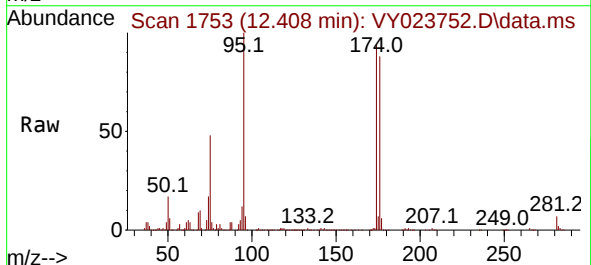
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

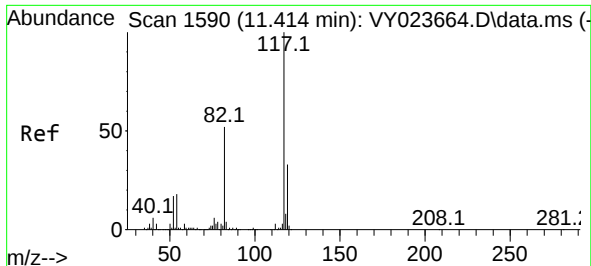
Tgt Ion:107 Resp: 192335
Ion Ratio Lower Upper
107 100
109 94.6 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 55.455 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 95 Resp: 325031
Ion Ratio Lower Upper
95 100
174 92.5 0.0 184.8
176 89.4 0.0 181.6

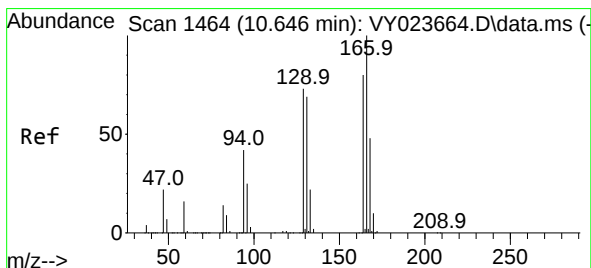
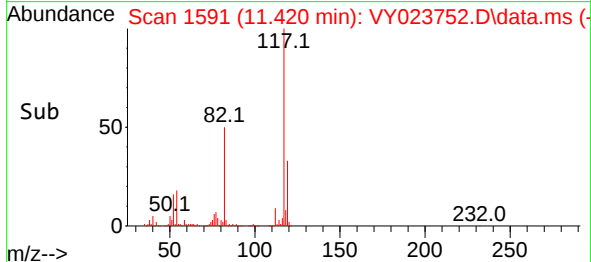
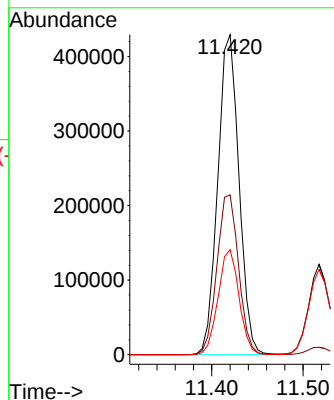
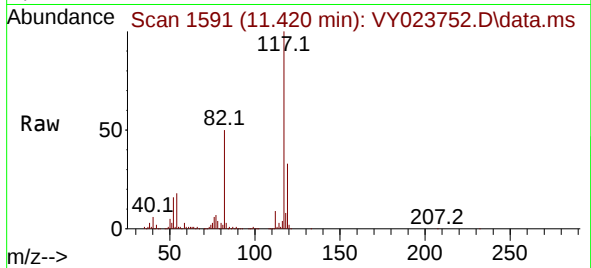




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

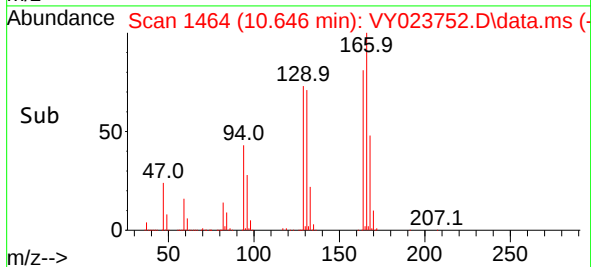
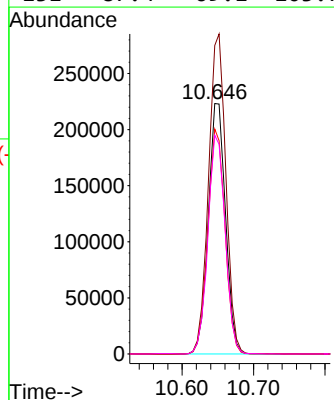
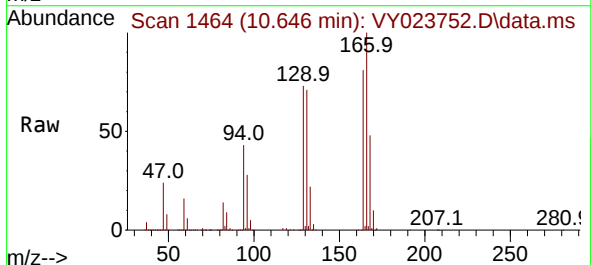
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

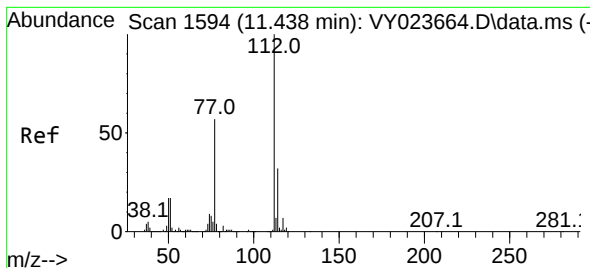
Tgt Ion:117 Resp: 693308
Ion Ratio Lower Upper
117 100
82 50.0 41.2 61.8
119 32.8 26.2 39.2



#64
Tetrachloroethene
Concen: 52.014 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion:164 Resp: 375348
Ion Ratio Lower Upper
164 100
166 123.2 99.5 149.3
129 89.8 72.3 108.5
131 87.4 69.1 103.7

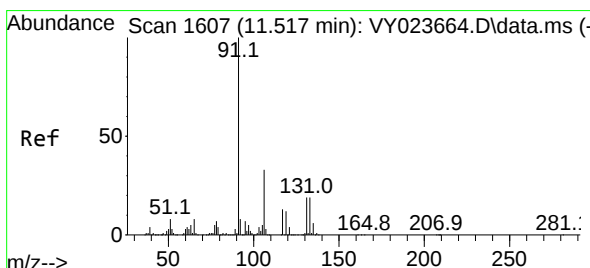
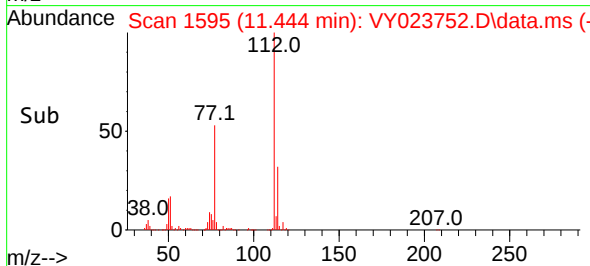
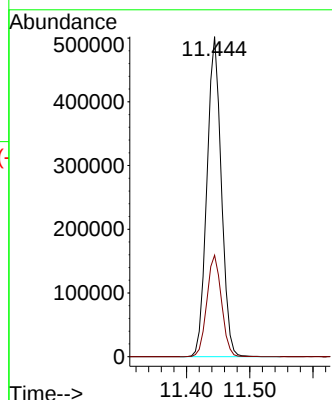
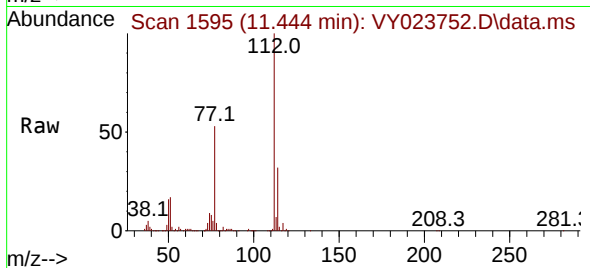




#65
Chlorobenzene
Concen: 52.681 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

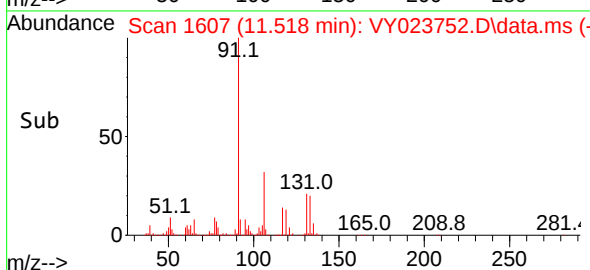
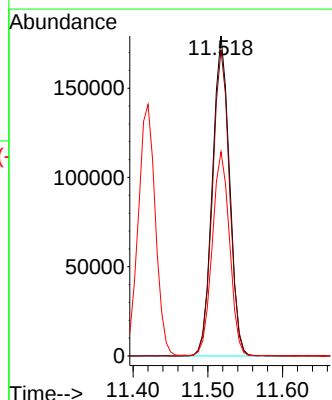
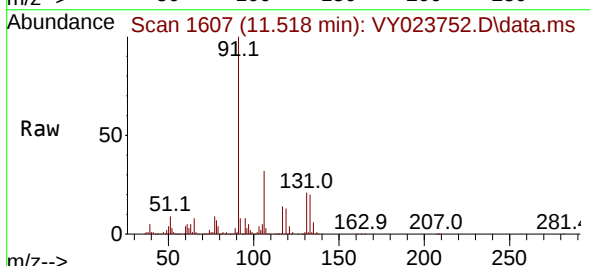
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

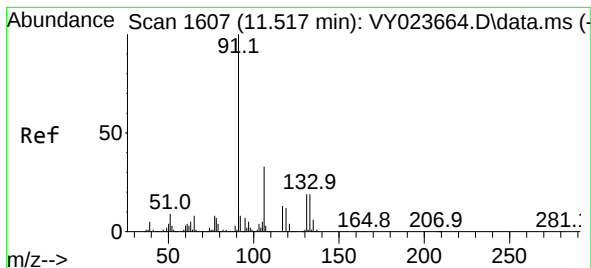
Tgt Ion:112 Resp: 795130
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.158 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion:131 Resp: 283711
Ion Ratio Lower Upper
131 100
133 96.0 47.3 141.8
119 64.7 32.5 97.4

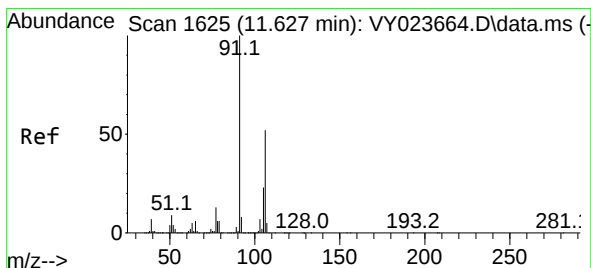
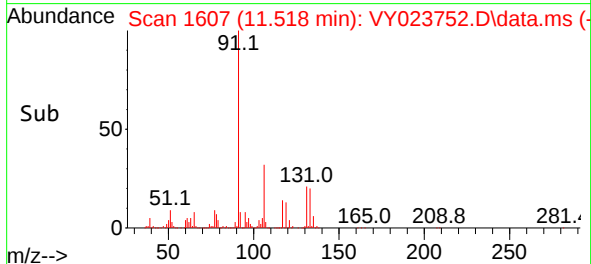
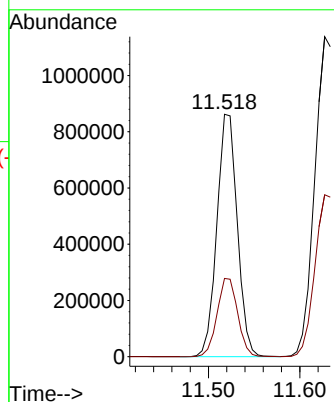
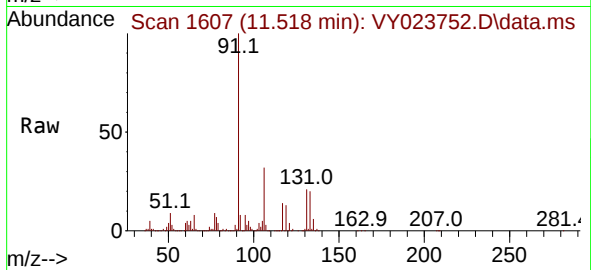




#67
Ethyl Benzene
Concen: 54.861 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

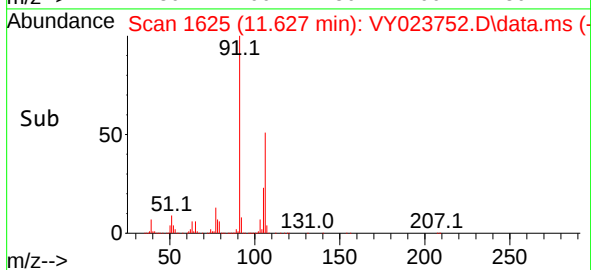
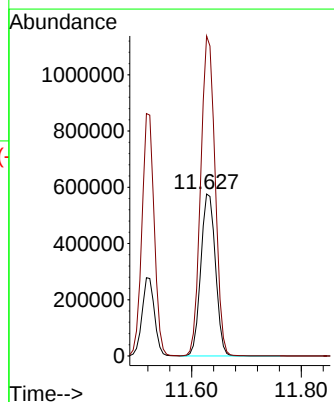
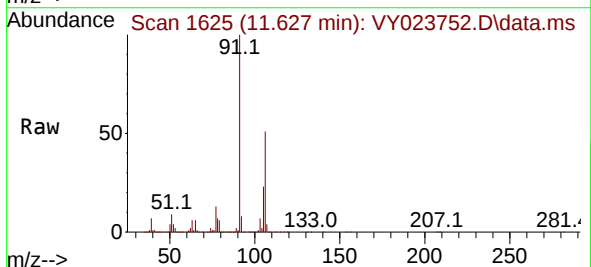
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

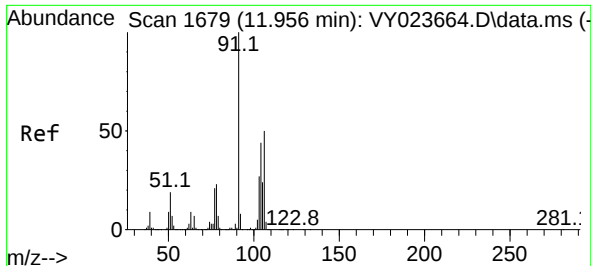
Tgt Ion: 91 Resp: 1340142
Ion Ratio Lower Upper
91 100
106 32.3 26.6 40.0



#68
m/p-Xylenes
Concen: 109.309 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion:106 Resp: 1066846
Ion Ratio Lower Upper
106 100
91 194.5 154.3 231.5

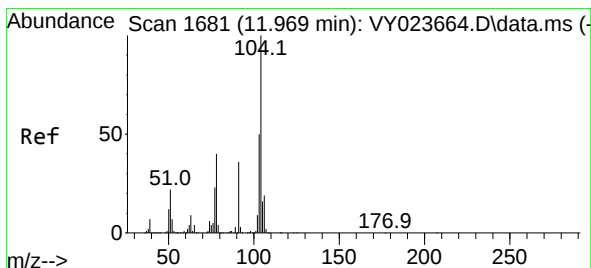
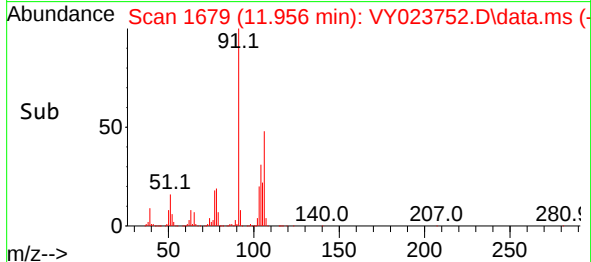
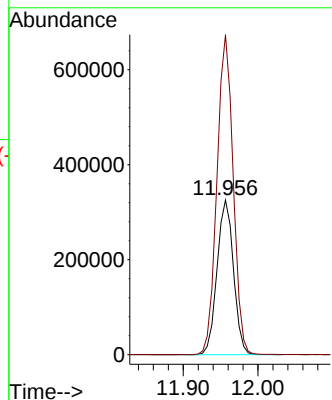
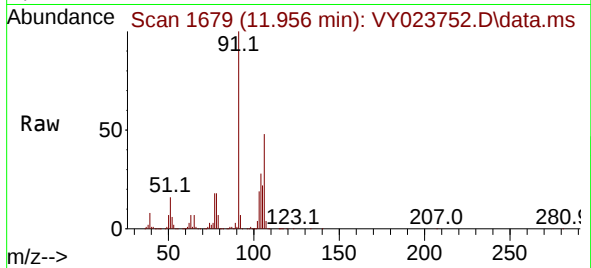




#69
o-Xylene
Concen: 55.171 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

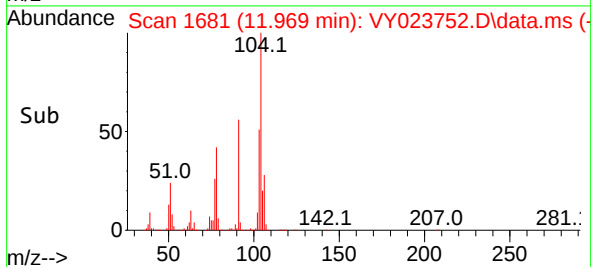
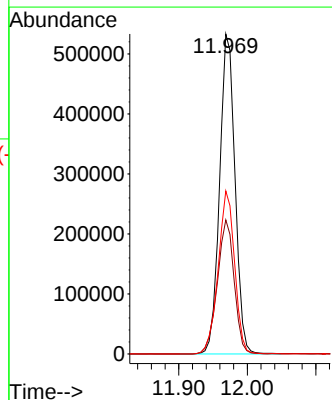
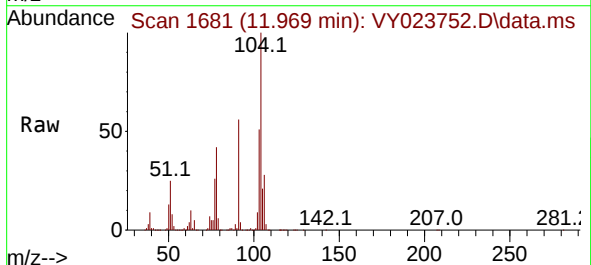
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

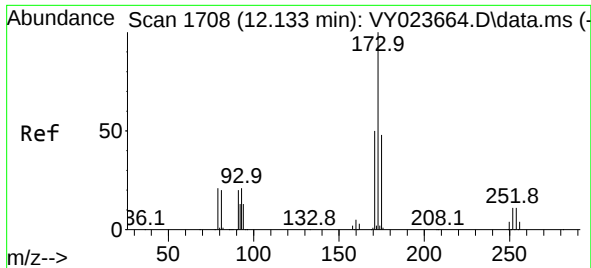
Tgt Ion:106 Resp: 497753
Ion Ratio Lower Upper
106 100
91 204.4 101.6 304.6



#70
Styrene
Concen: 55.893 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion:104 Resp: 831999
Ion Ratio Lower Upper
104 100
78 45.8 36.5 54.7
103 54.3 43.7 65.5

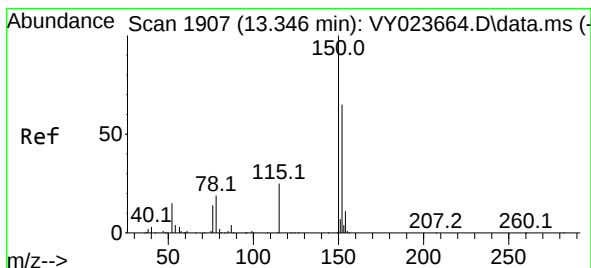
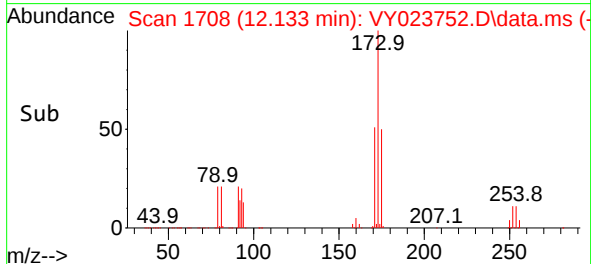
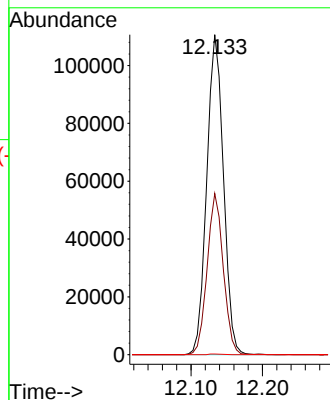
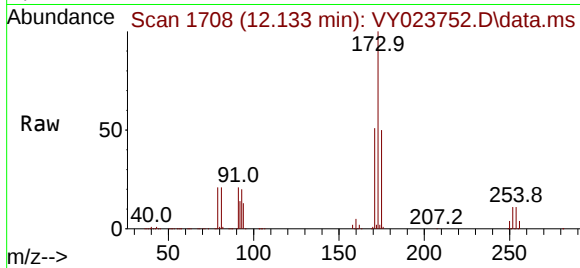




#71
Bromoform
Concen: 57.582 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

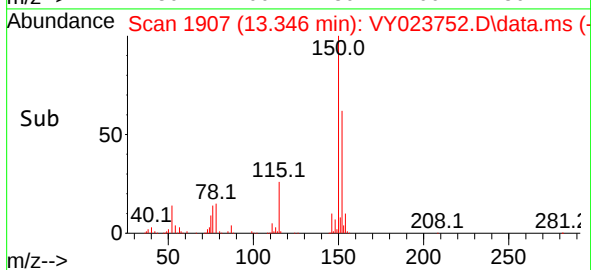
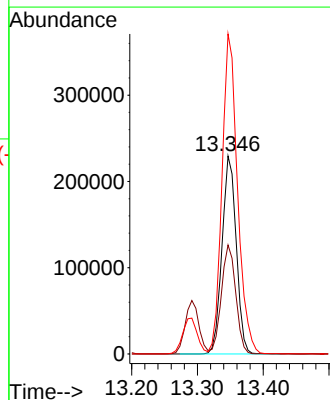
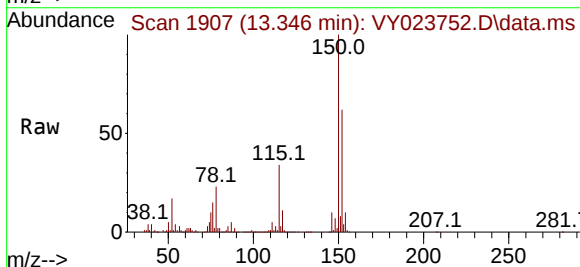
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

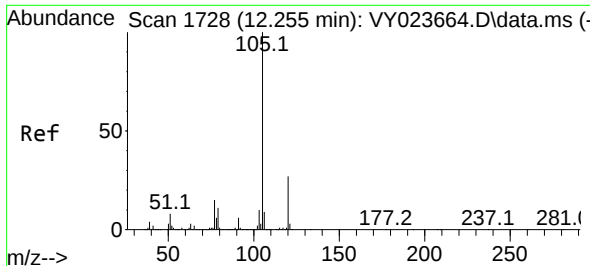
Tgt Ion:173 Resp: 179488
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion:152 Resp: 345261
Ion Ratio Lower Upper
152 100
115 55.6 27.5 82.5
150 176.8 0.0 349.0

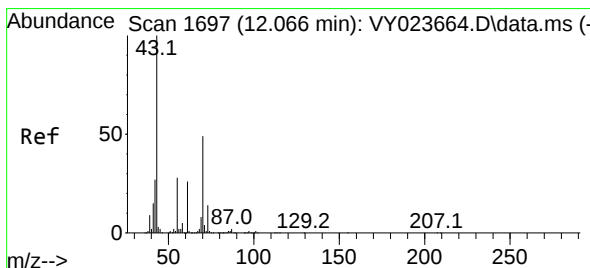
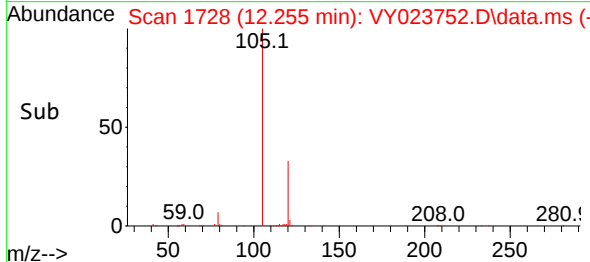
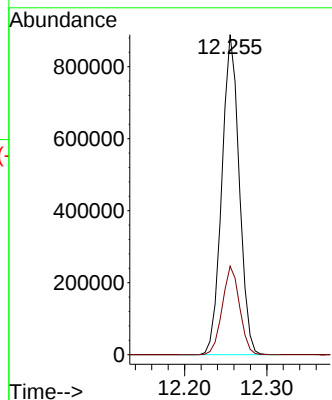
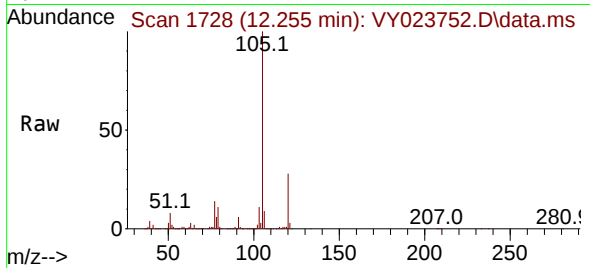




#73
Isopropylbenzene
Concen: 56.652 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

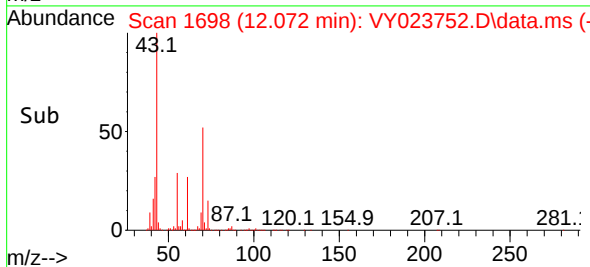
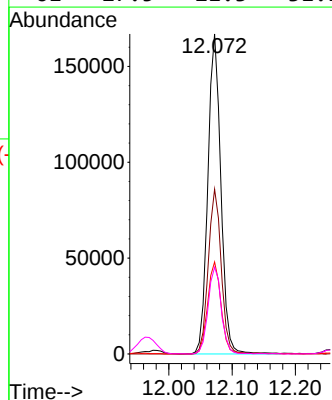
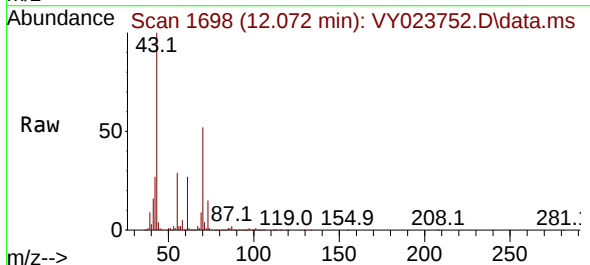
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

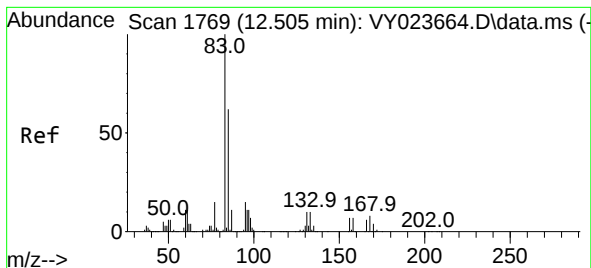
Tgt Ion:105 Resp: 1308186
Ion Ratio Lower Upper
105 100
120 27.5 13.6 40.7



#74
N-ethyl acetate
Concen: 61.329 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 43 Resp: 239771
Ion Ratio Lower Upper
43 100
70 51.0 40.1 60.1
55 29.4 23.0 34.6
61 27.5 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 56.274 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

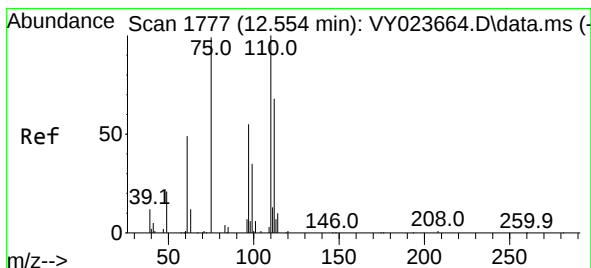
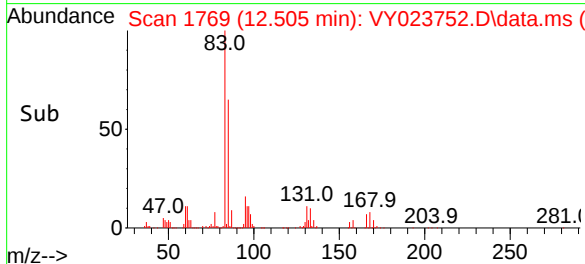
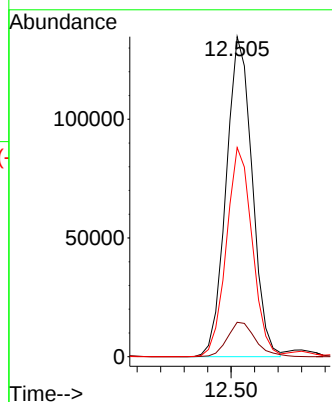
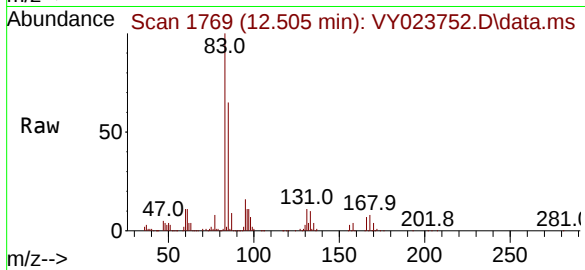
Tgt Ion: 83 Resp: 207541

Ion Ratio Lower Upper

83 100

131 11.6 5.7 17.0

85 65.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 101.834 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY023752.D

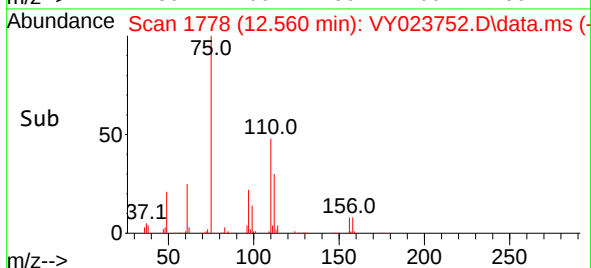
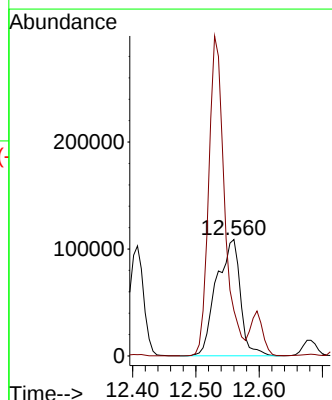
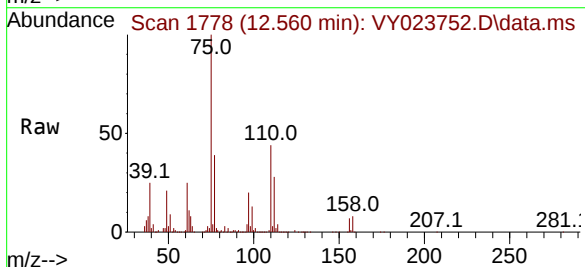
Acq: 12 Nov 2025 10:01

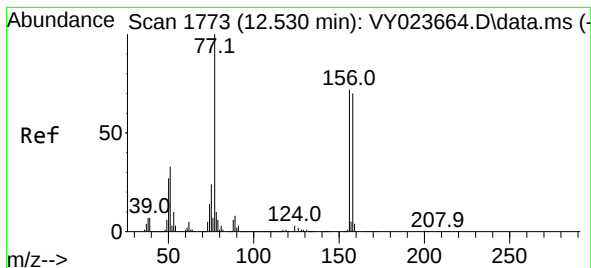
Tgt Ion: 75 Resp: 284548

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.256 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

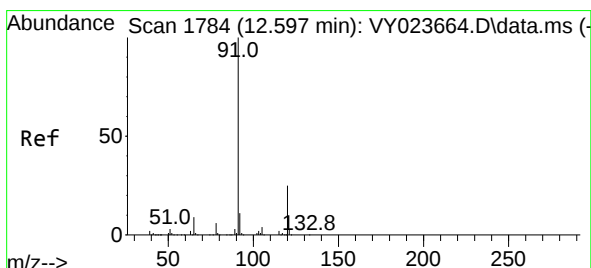
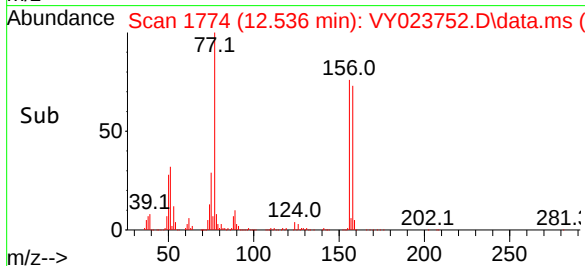
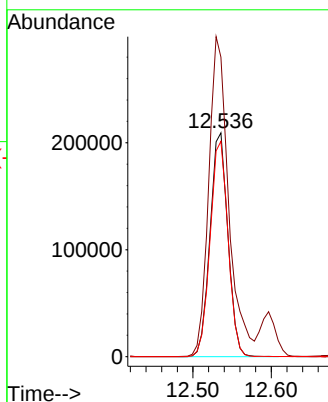
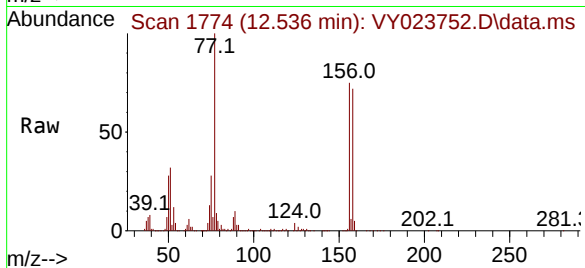
Tgt Ion:156 Resp: 330972

Ion Ratio Lower Upper

156 100

77 159.4 77.9 233.7

158 96.9 48.5 145.5



#78

n-propylbenzene

Concen: 56.580 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023752.D

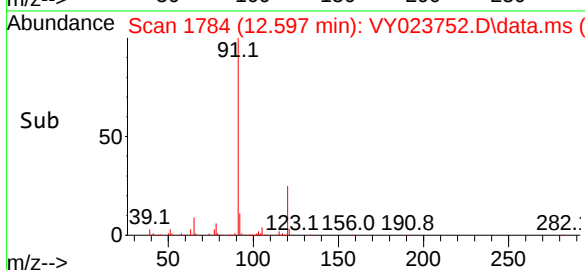
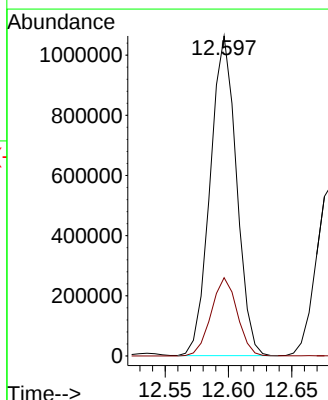
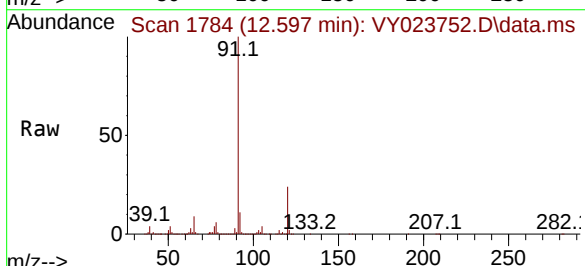
Acq: 12 Nov 2025 10:01

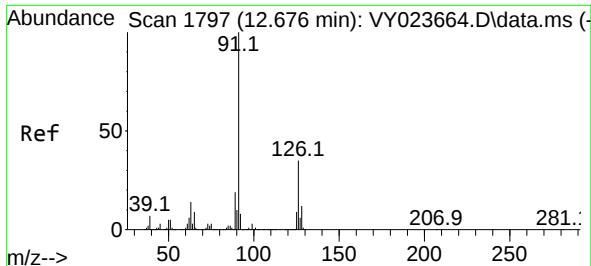
Tgt Ion: 91 Resp: 1536805

Ion Ratio Lower Upper

91 100

120 24.3 12.0 36.1

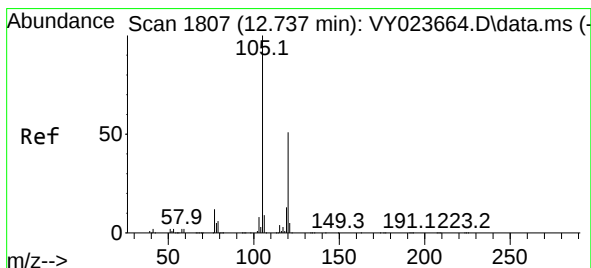
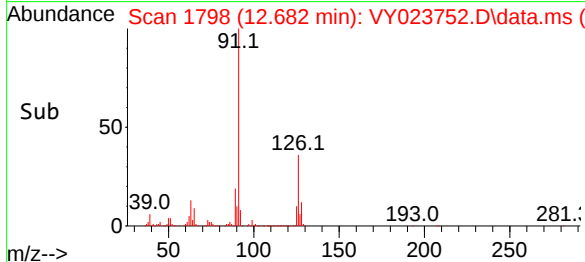
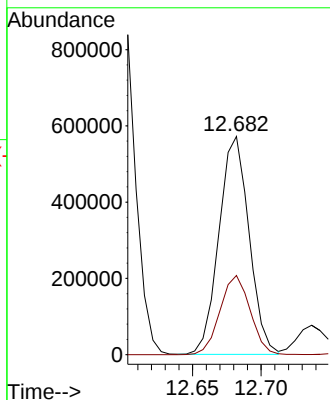
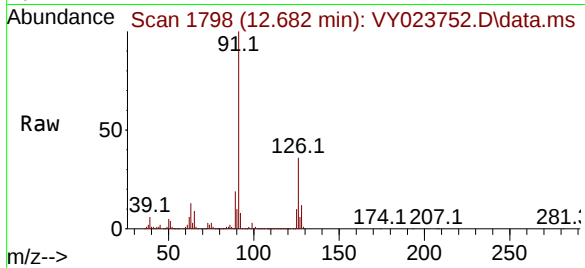




#79
2-Chlorotoluene
Concen: 55.496 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

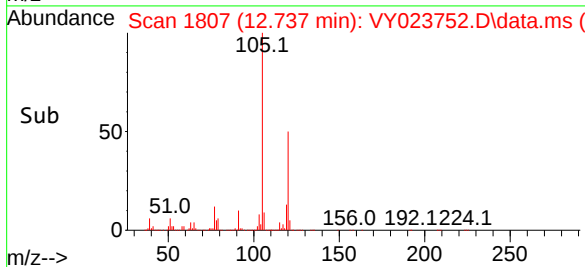
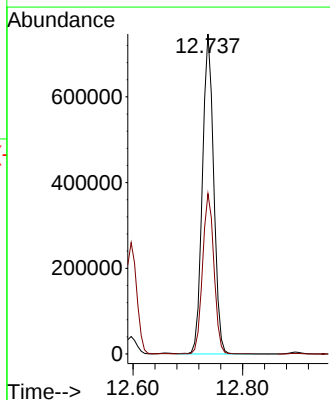
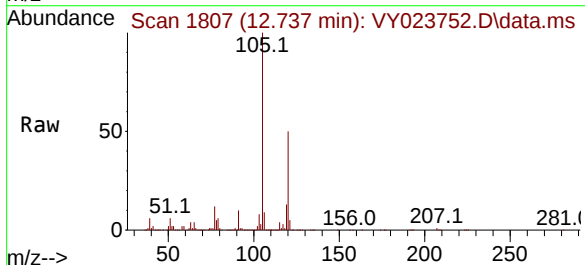
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

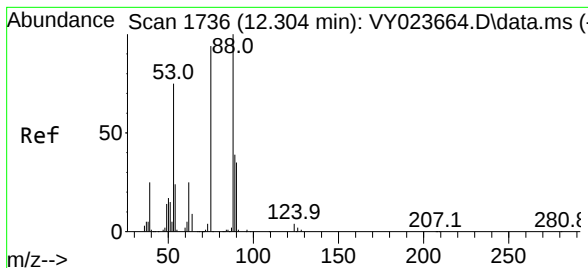
Tgt Ion: 91 Resp: 874697
Ion Ratio Lower Upper
91 100
126 36.3 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 56.750 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 105 Resp: 1064739
Ion Ratio Lower Upper
105 100
120 50.5 25.4 76.2

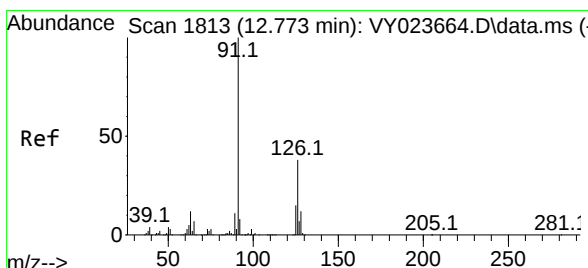
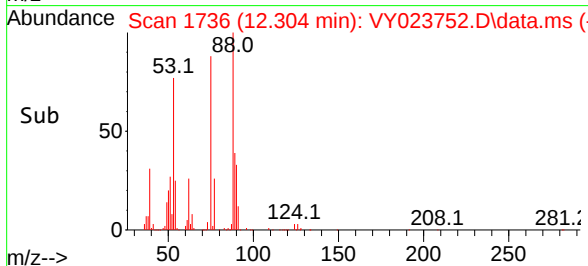
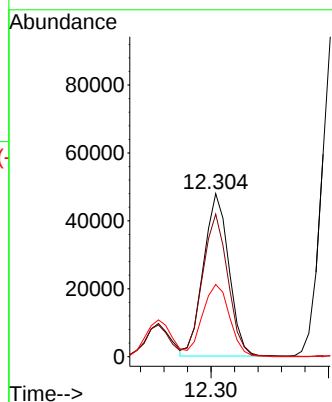
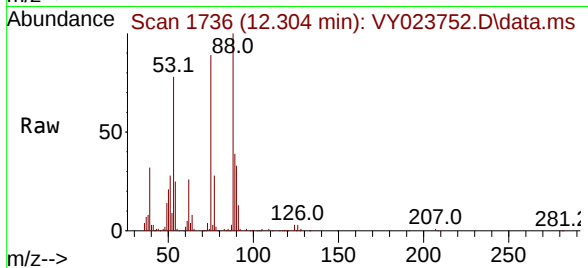




#81
trans-1,4-Dichloro-2-butene
Concen: 58.044 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

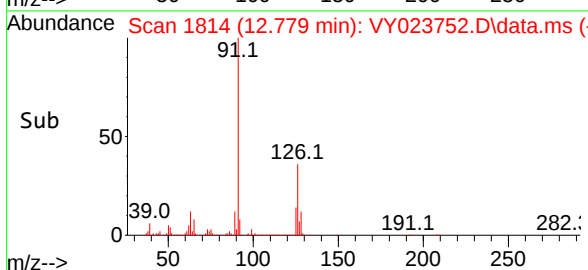
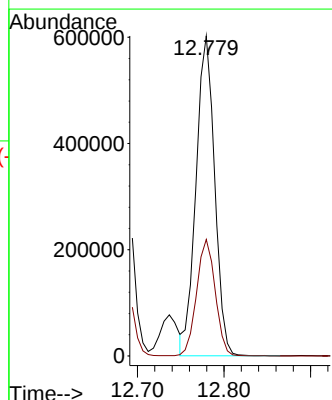
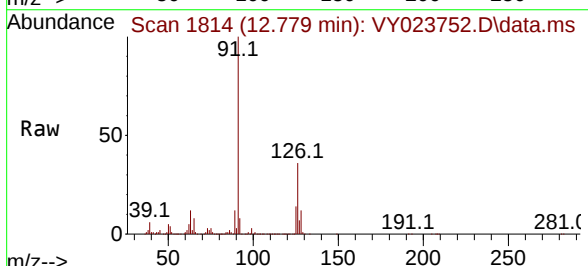
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

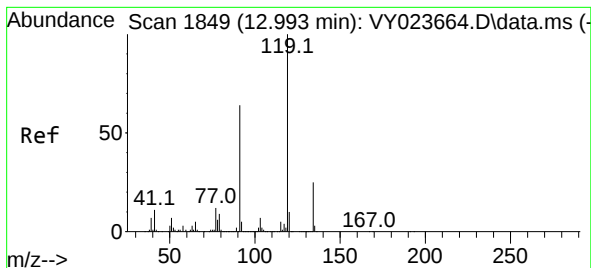
Tgt Ion: 75 Resp: 71767
Ion Ratio Lower Upper
75 100
53 88.4 69.6 104.4
89 47.0 38.2 57.4



#82
4-Chlorotoluene
Concen: 55.295 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023752.D
Acq: 12 Nov 2025 10:01

Tgt Ion: 91 Resp: 898820
Ion Ratio Lower Upper
91 100
126 36.5 18.1 54.4





#83

tert-Butylbenzene

Concen: 54.715 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

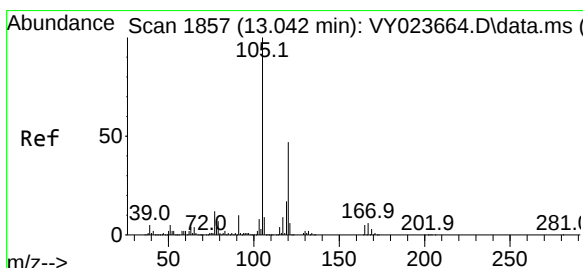
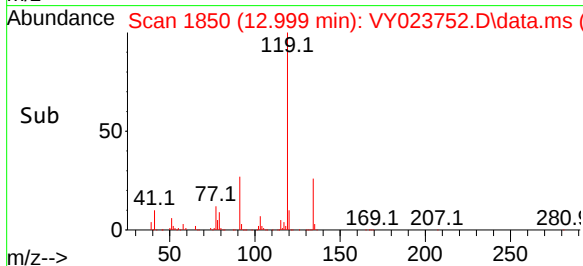
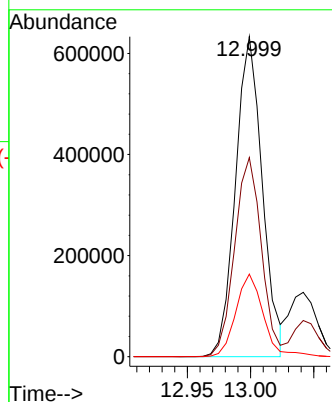
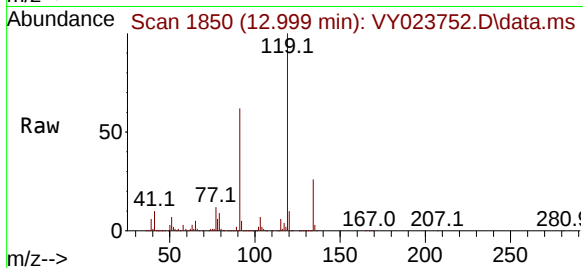
Tgt Ion:119 Resp: 934952

Ion Ratio Lower Upper

119 100

91 62.1 30.7 92.1

134 26.5 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 55.547 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023752.D

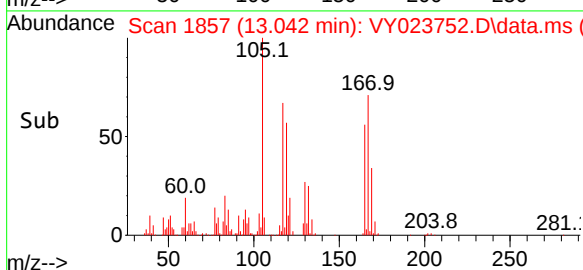
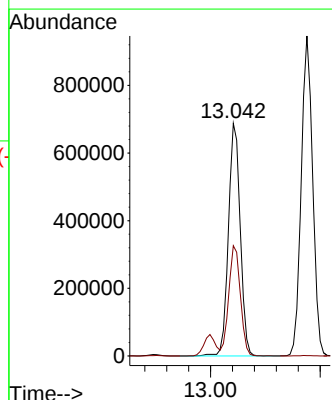
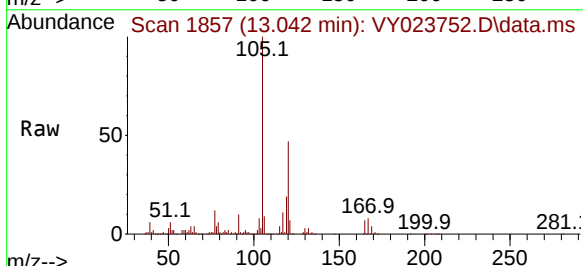
Acq: 12 Nov 2025 10:01

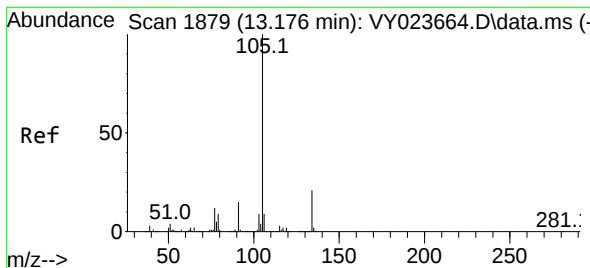
Tgt Ion:105 Resp: 1032214

Ion Ratio Lower Upper

105 100

120 46.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 55.296 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

Instrument :

MSVOA_Y

ClientSampleId :

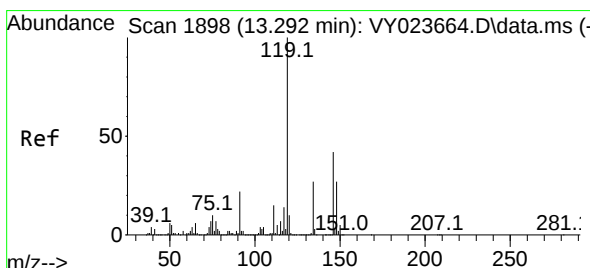
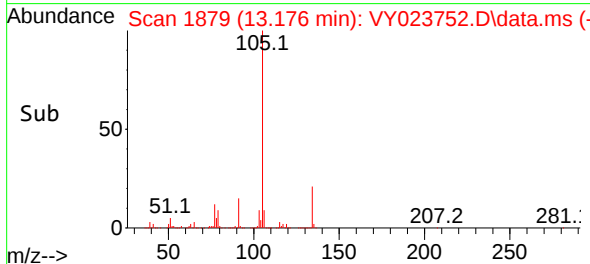
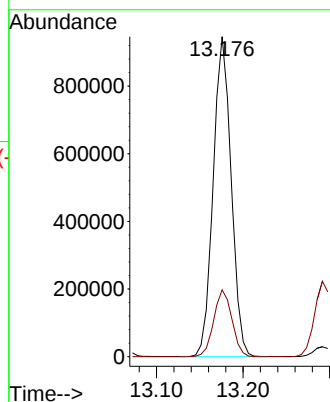
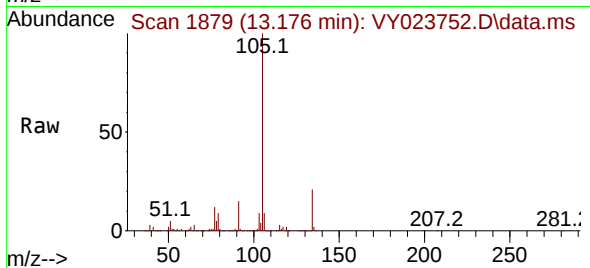
VSTDCCC050

Tgt Ion:105 Resp: 1362855

Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.4



#86

p-Isopropyltoluene

Concen: 55.382 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

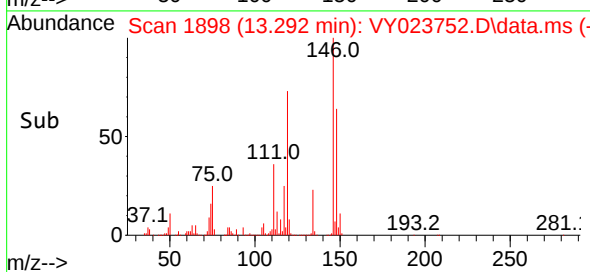
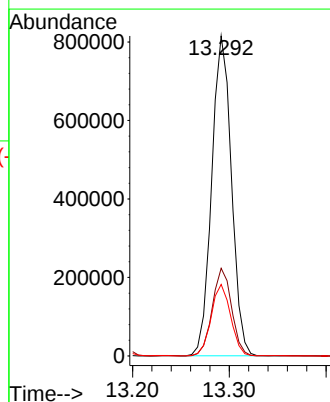
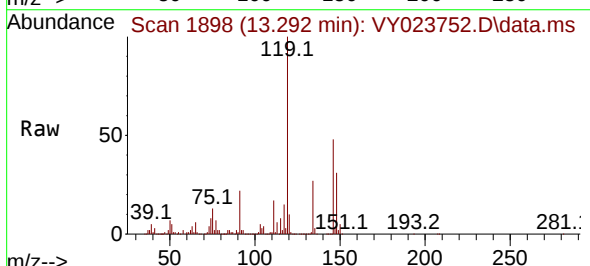
Tgt Ion:119 Resp: 1155519

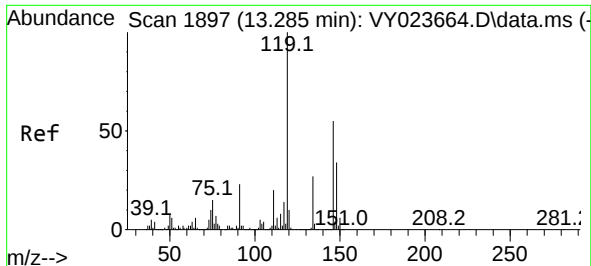
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.0 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 52.721 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

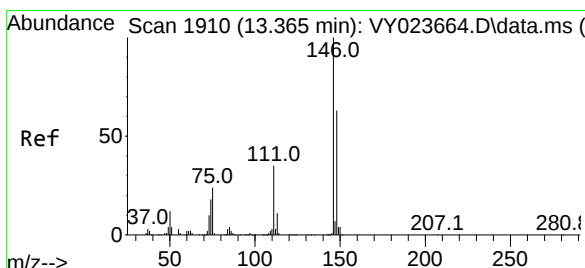
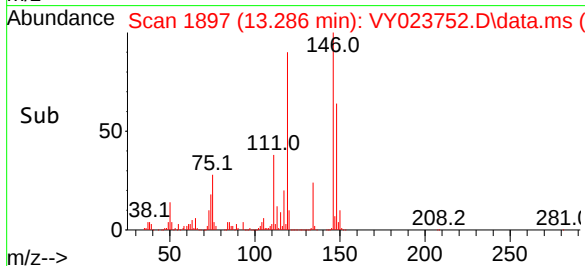
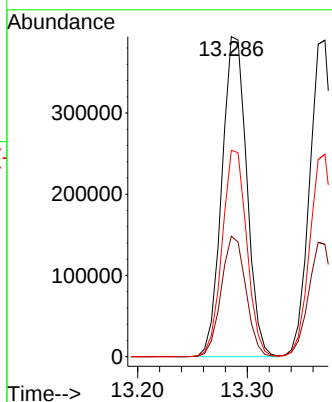
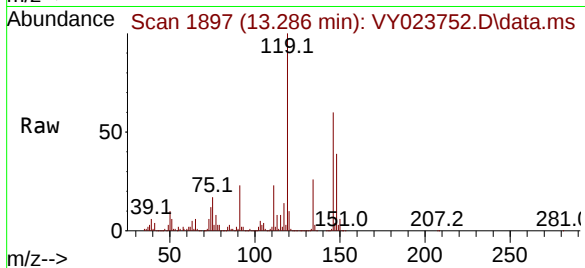
Tgt Ion:146 Resp: 621543

Ion Ratio Lower Upper

146 100

111 37.3 18.8 56.3

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 52.392 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

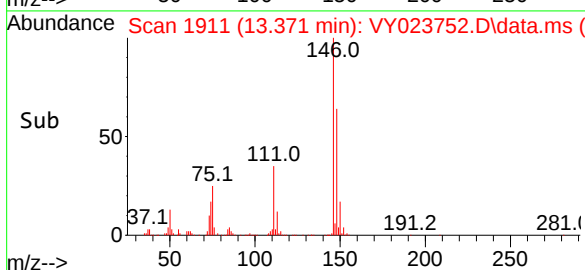
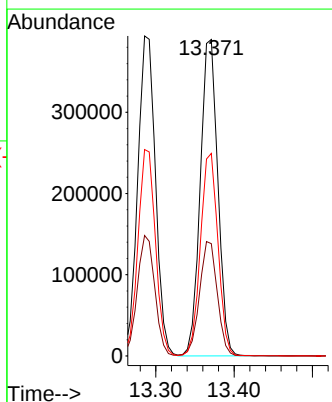
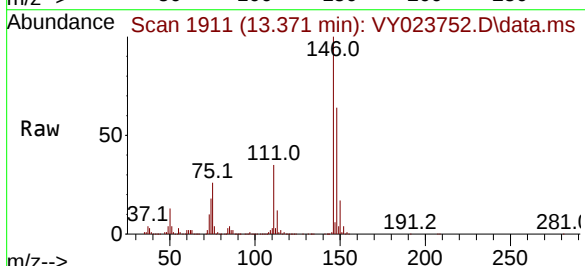
Tgt Ion:146 Resp: 606732

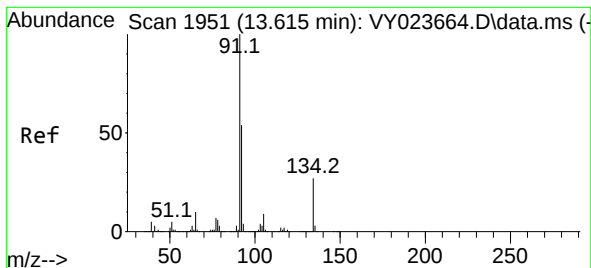
Ion Ratio Lower Upper

146 100

111 36.8 18.3 54.8

148 64.0 31.8 95.3





#89

n-Butylbenzene

Concen: 56.351 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

Instrument :

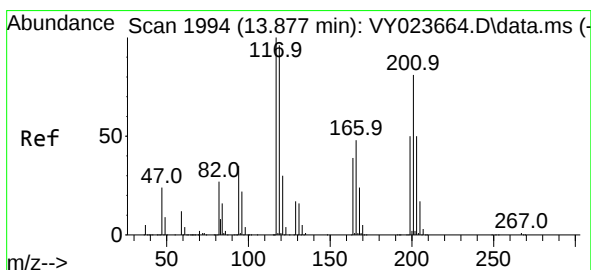
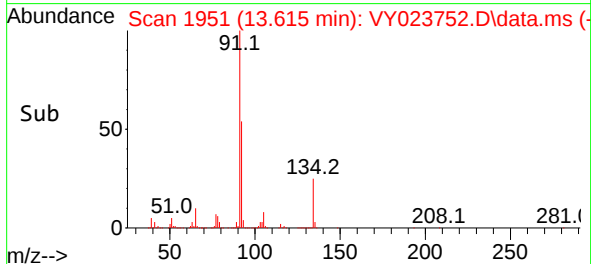
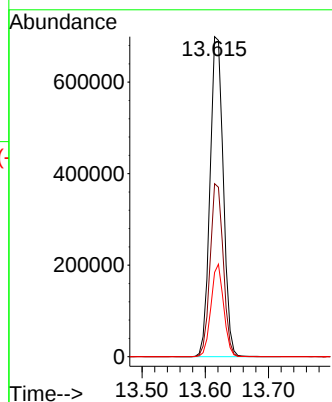
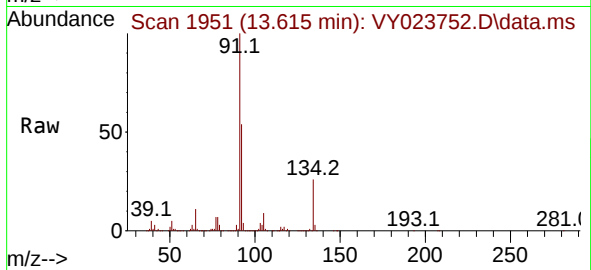
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1022377

Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.5	79.4
134	27.6	13.7	41.1



#90

Hexachloroethane

Concen: 53.282 ug/l

RT: 13.883 min Scan# 1995

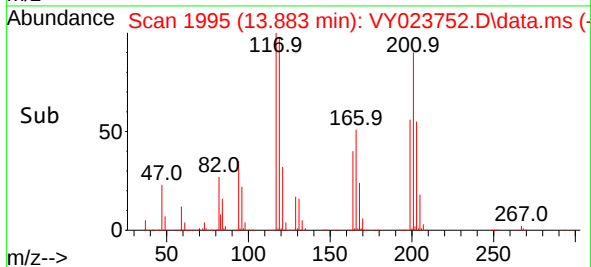
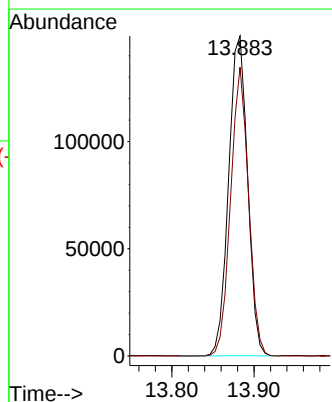
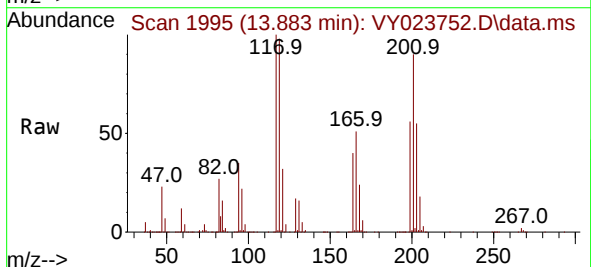
Delta R.T. 0.006 min

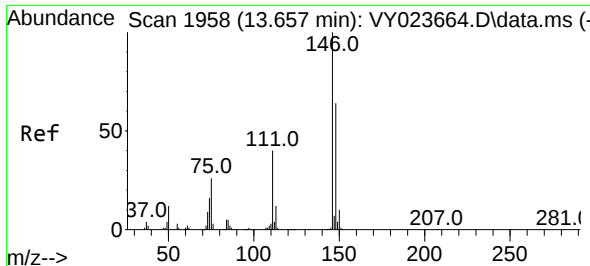
Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

Tgt Ion: 117 Resp: 238901

Ion	Ratio	Lower	Upper
117	100		
201	85.2	42.3	126.8

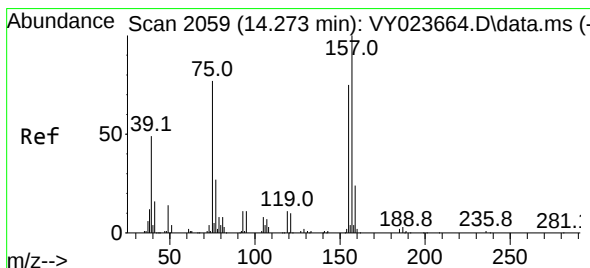
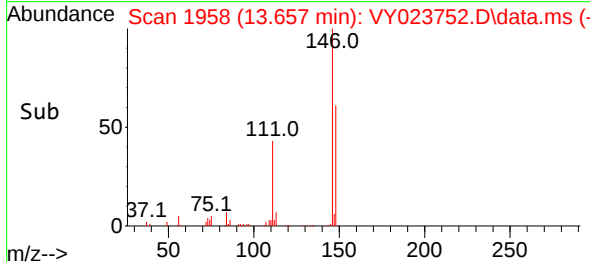
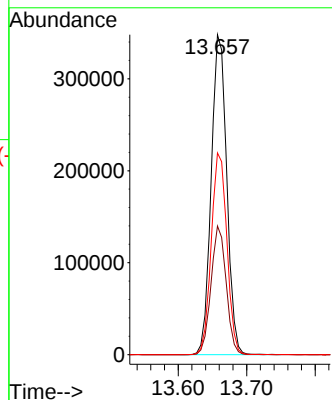
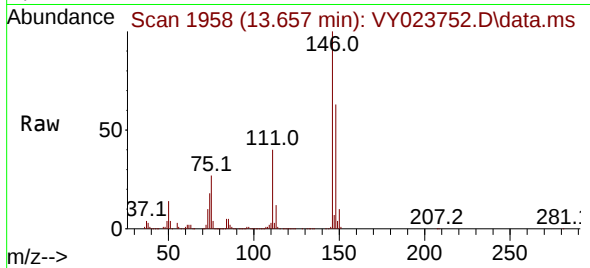




#91
 1,2-Dichlorobenzene
 Concen: 53.955 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY023752.D
 Acq: 12 Nov 2025 10:01

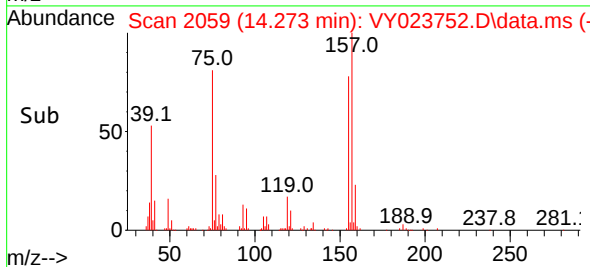
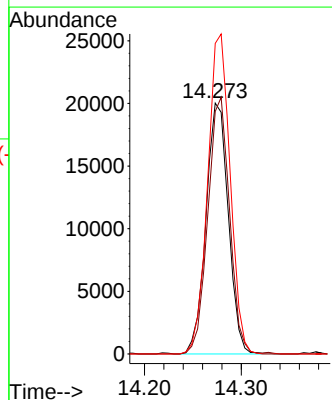
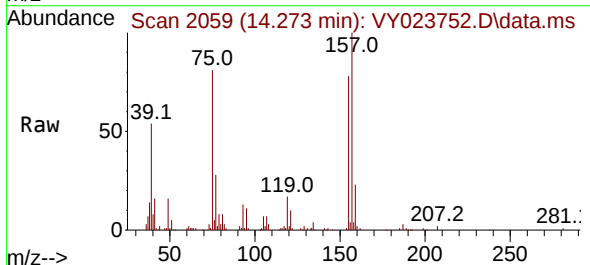
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

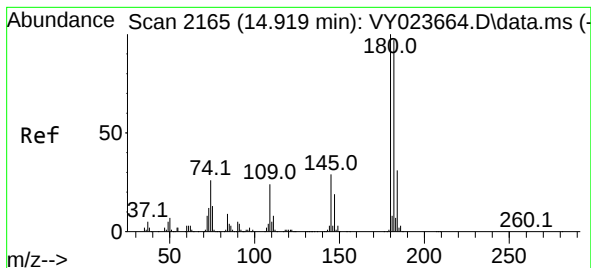
Tgt Ion:146 Resp: 548166
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.5 58.5
 148 63.7 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.614 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY023752.D
 Acq: 12 Nov 2025 10:01

Tgt Ion: 75 Resp: 32148
 Ion Ratio Lower Upper
 75 100
 155 99.4 49.4 148.2
 157 128.3 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 55.264 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

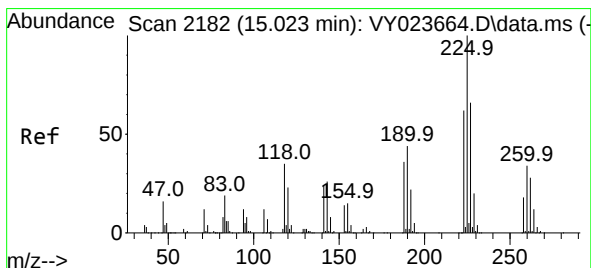
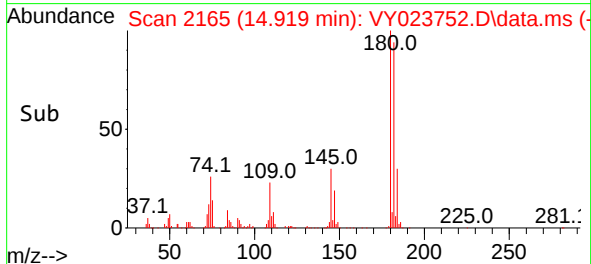
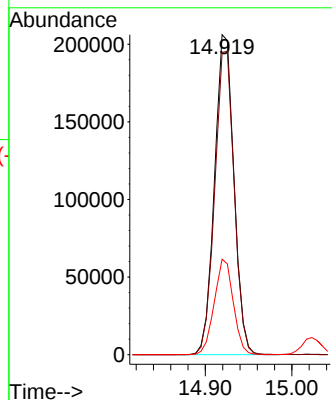
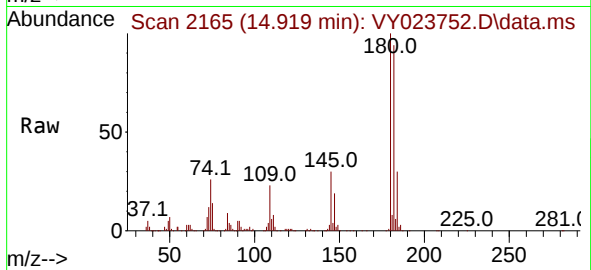
Tgt Ion:180 Resp: 321156

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.6

145 29.3 14.4 43.4



#94

Hexachlorobutadiene

Concen: 53.162 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

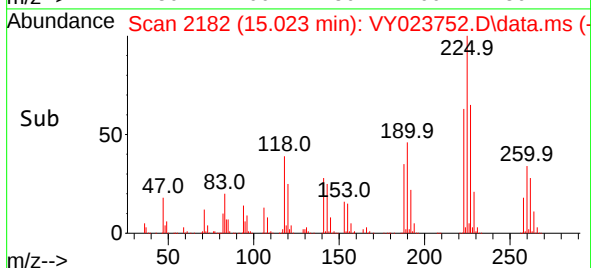
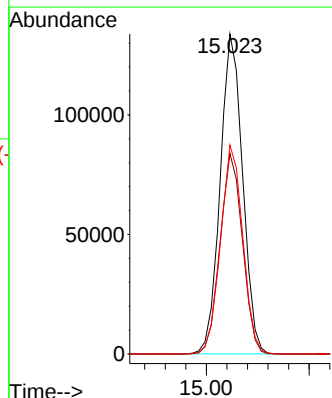
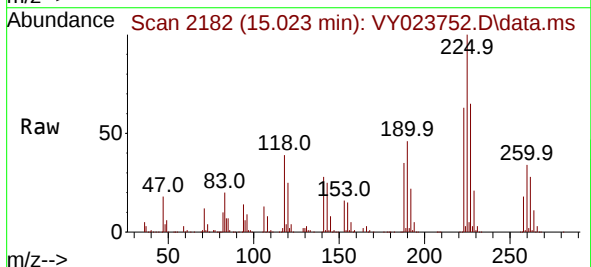
Tgt Ion:225 Resp: 202421

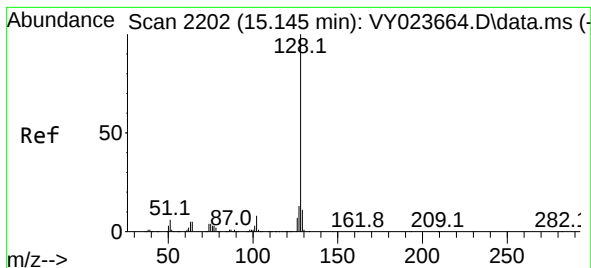
Ion Ratio Lower Upper

225 100

223 62.5 30.8 92.3

227 64.7 32.0 96.2





#95

Naphthalene

Concen: 52.002 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

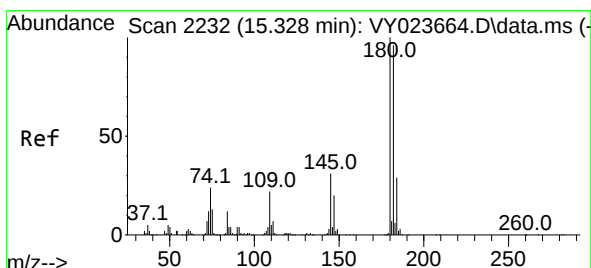
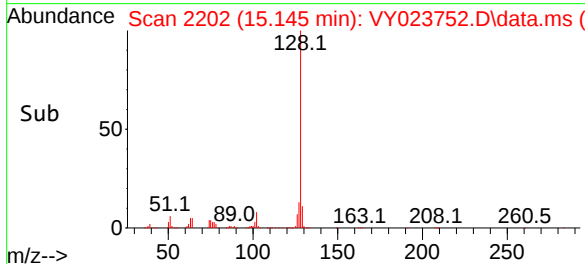
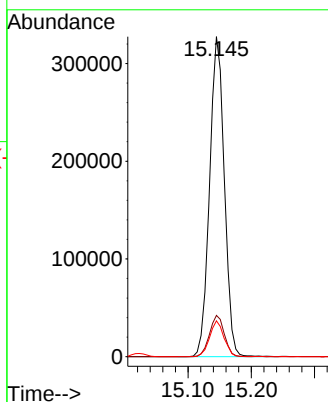
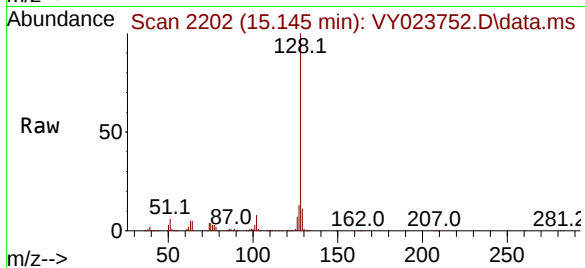
Tgt Ion:128 Resp: 530711

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: 56.369 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023752.D

Acq: 12 Nov 2025 10:01

Tgt Ion:180 Resp: 273690

Ion Ratio Lower Upper

180 100

182 95.7 47.5 142.6

145 31.0 15.5 46.5

