

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
 Data File : VY023543.D
 Acq On : 22 Oct 2025 09:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 24 02:25:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	557873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	806690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	720008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	373234	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	212794	45.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.220%
35) Dibromofluoromethane	7.634	113	247459	49.924	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.840%
50) Toluene-d8	10.109	98	916029	49.624	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.408	95	307868	50.517	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	172025	42.840	ug/l	99
3) Chloromethane	2.074	50	228434	41.760	ug/l	100
4) Vinyl Chloride	2.208	62	307788	43.199	ug/l	98
5) Bromomethane	2.598	94	254415	42.551	ug/l	99
6) Chloroethane	2.739	64	224891	46.306	ug/l	99
7) Trichlorofluoromethane	3.062	101	477889	48.307	ug/l	100
8) Diethyl Ether	3.458	74	129976	50.281	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	261411	50.922	ug/l	98
10) Methyl Iodide	4.007	142	341595	59.772	ug/l	99
11) Tert butyl alcohol	4.860	59	86872	250.315	ug/l	99
12) 1,1-Dichloroethene	3.793	96	254223	51.086	ug/l	98
13) Acrolein	3.653	56	38914	79.353	ug/l	99
14) Allyl chloride	4.385	41	291262	48.025	ug/l	97
15) Acrylonitrile	5.061	53	248616	251.312	ug/l	99
16) Acetone	3.873	43	266925	240.345	ug/l	99
17) Carbon Disulfide	4.110	76	672714	47.232	ug/l	100
18) Methyl Acetate	4.391	43	163801	56.225	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	636893	53.251	ug/l	96
20) Methylene Chloride	4.616	84	276483	46.039	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	284466	51.921	ug/l	98
22) Diisopropyl ether	6.025	45	677959	50.537	ug/l	98
23) Vinyl Acetate	5.964	43	1757567	242.046	ug/l	96
24) 1,1-Dichloroethane	5.921	63	454590	51.156	ug/l	98
25) 2-Butanone	6.896	43	328971	242.629	ug/l	100
26) 2,2-Dichloropropane	6.890	77	428536	52.555	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	340754	53.843	ug/l	96
28) Bromochloromethane	7.250	49	143454	43.243	ug/l	95
29) Tetrahydrofuran	7.268	42	185249	240.938	ug/l	94
30) Chloroform	7.427	83	517452	53.000	ug/l	99
31) Cyclohexane	7.707	56	362890	46.762	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	467952	52.741	ug/l	99
36) 1,1-Dichloropropene	7.841	75	344096	52.436	ug/l	99
37) Ethyl Acetate	6.994	43	127273	48.956	ug/l	97
38) Carbon Tetrachloride	7.823	117	421482	52.970	ug/l	99
39) Methylcyclohexane	9.109	83	452406	52.949	ug/l	97
40) Benzene	8.085	78	1105993	53.219	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	57978	41.234	ug/l #	79
42) 1,2-Dichloroethane	8.158	62	274669	51.247	ug/l	98
43) Isopropyl Acetate	8.201	43	259676	50.092	ug/l	96
44) Trichloroethene	8.866	130	331676	54.528	ug/l	99
45) 1,2-Dichloropropane	9.140	63	244273	53.216	ug/l	98
46) Dibromomethane	9.231	93	157780	54.359	ug/l	98
47) Bromodichloromethane	9.426	83	392784	53.731	ug/l	100
48) Methyl methacrylate	9.219	41	125981	51.729	ug/l	95
49) 1,4-Dioxane	9.231	88	35080	1042.410	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	705865	263.542	ug/l	98
52) Toluene	10.170	92	747259	55.380	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	348965	54.901	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	410362	54.701	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	212638	54.478	ug/l	97
56) Ethyl methacrylate	10.438	69	260989	57.967	ug/l	94
57) 1,3-Dichloropropane	10.719	76	337668	54.594	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	574517	284.845	ug/l	98
59) 2-Hexanone	10.762	43	518755	271.019	ug/l	97
60) Dibromochloromethane	10.914	129	304516	55.647	ug/l	99
61) 1,2-Dibromoethane	11.018	107	205601	55.233	ug/l	100
64) Tetrachloroethene	10.646	164	417270	56.127	ug/l	97
65) Chlorobenzene	11.444	112	841259	53.721	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	302769	54.255	ug/l	99
67) Ethyl Benzene	11.517	91	1383613	54.584	ug/l	100
68) m/p-Xylenes	11.627	106	1128353	110.980	ug/l	99
69) o-Xylene	11.956	106	532269	55.814	ug/l	99
70) Styrene	11.969	104	884177	56.380	ug/l	99
71) Bromoform	12.133	173	190201	54.947	ug/l #	98
73) Isopropylbenzene	12.255	105	1380580	56.129	ug/l	100
74) N-amyl acetate	12.072	43	226427	51.252	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	209645	52.112	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	290521	88.226	ug/l #	100
77) Bromobenzene	12.529	156	355320	54.338	ug/l	99
78) n-propylbenzene	12.597	91	1597439	56.123	ug/l	99
79) 2-Chlorotoluene	12.682	91	910692	54.637	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1123341	56.518	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	74591	55.547	ug/l	95
82) 4-Chlorotoluene	12.779	91	937415	54.609	ug/l	99
83) tert-Butylbenzene	12.999	119	1037184	56.518	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1118689	56.397	ug/l	99
85) sec-Butylbenzene	13.176	105	1487514	56.506	ug/l	100
86) p-Isopropyltoluene	13.292	119	1282400	57.215	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	688741	54.089	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	671095	53.362	ug/l	99
89) n-Butylbenzene	13.615	91	1101186	56.385	ug/l	99
90) Hexachloroethane	13.877	117	255425	52.984	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	609689	54.613	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	34265	51.910	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	380515	54.674	ug/l	100
94) Hexachlorobutadiene	15.023	225	233049	53.717	ug/l	100
95) Naphthalene	15.145	128	636726	57.452	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	326959	54.237	ug/l	99

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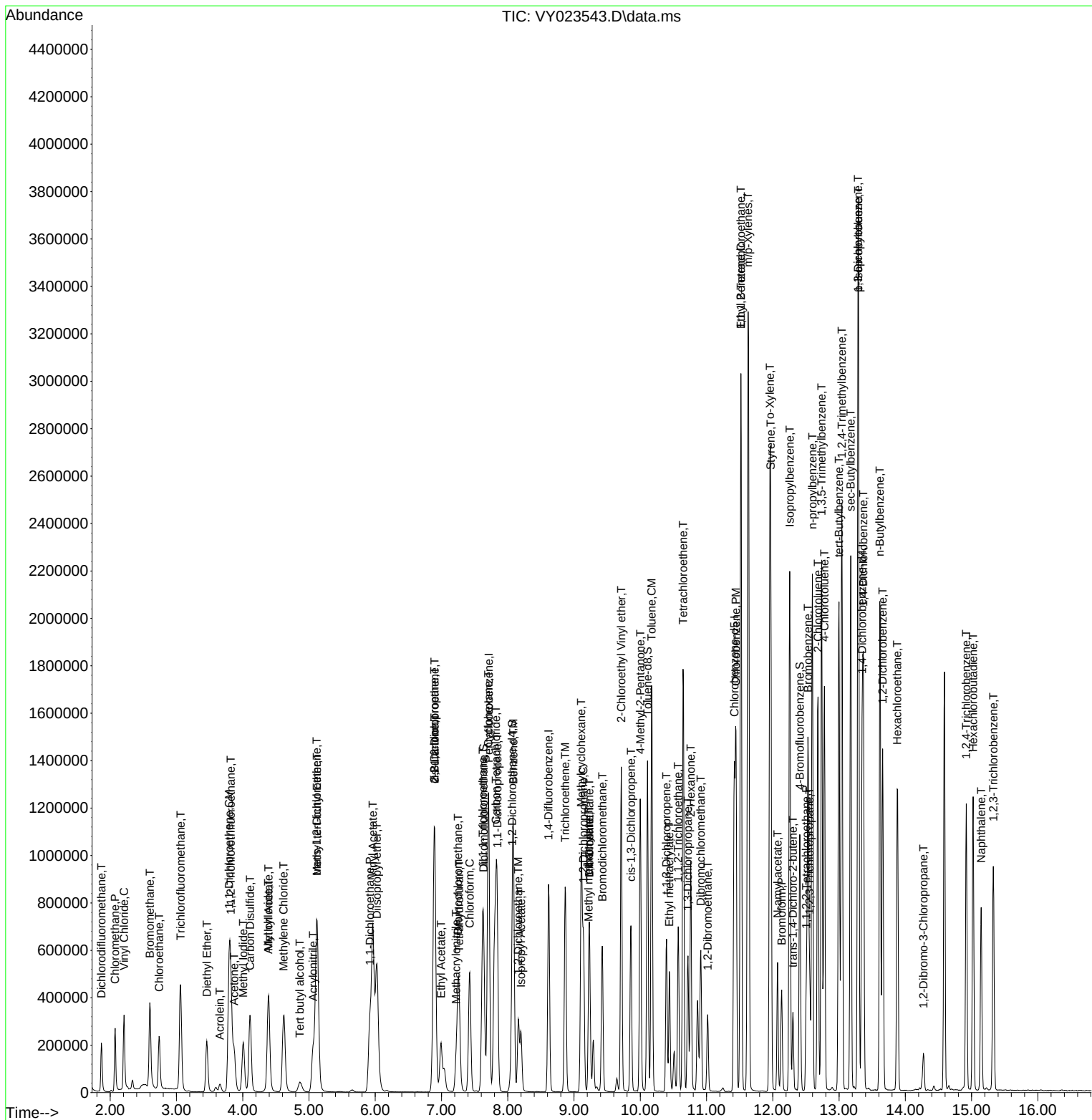
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

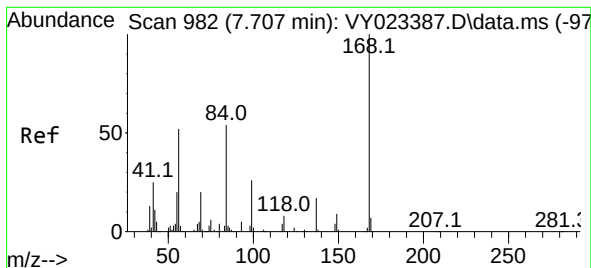
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.006 min

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ClientSampleId :

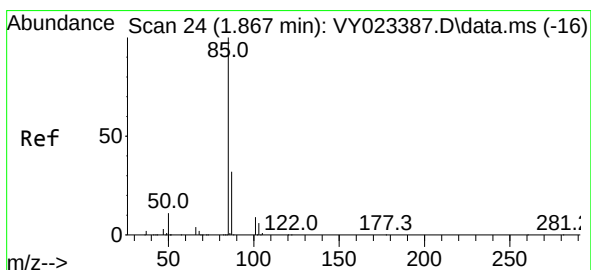
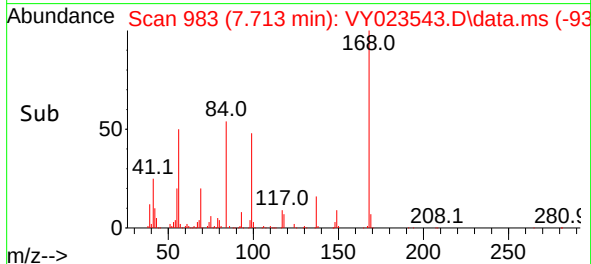
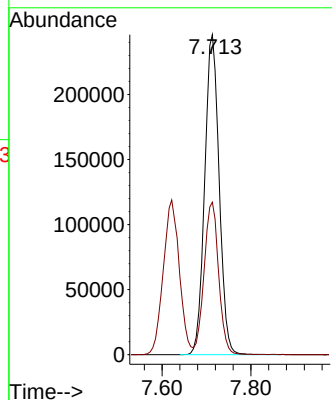
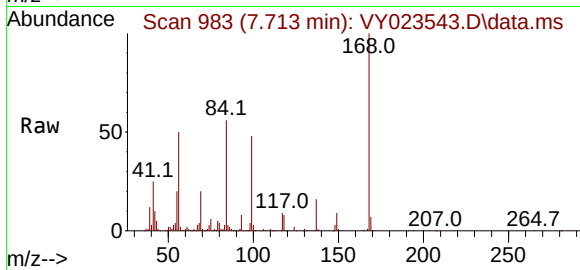
VSTDCCC050

Tgt Ion:168 Resp: 557873

Ion Ratio Lower Upper

168 100

99 47.6 39.7 59.5



#2

Dichlorodifluoromethane

Concen: 42.840 ug/l

RT: 1.867 min Scan# 24

Delta R.T. -0.000 min

Lab File: VY023543.D

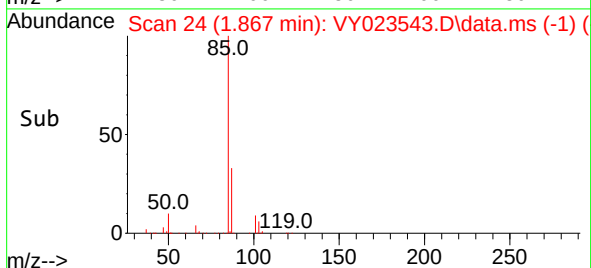
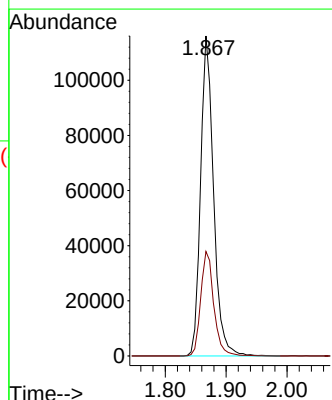
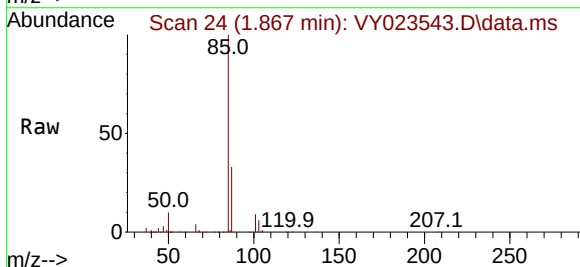
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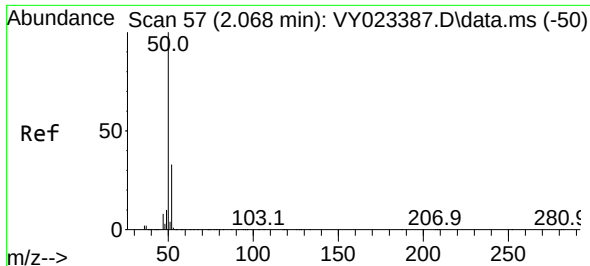
Tgt Ion: 85 Resp: 172025

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9

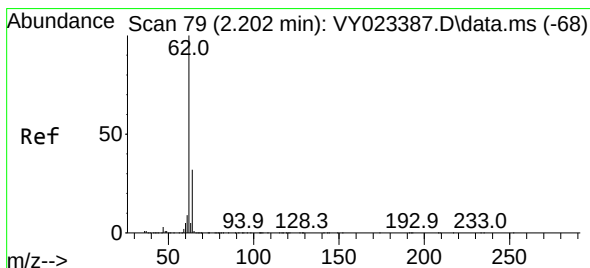
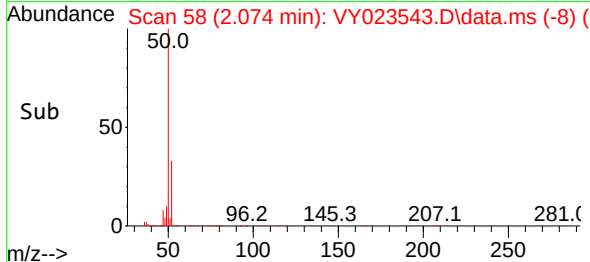
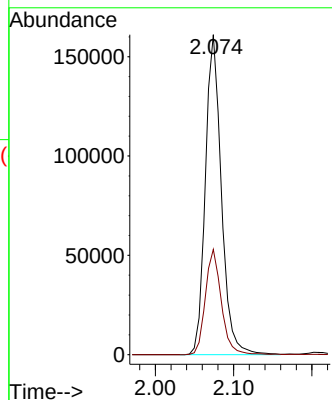
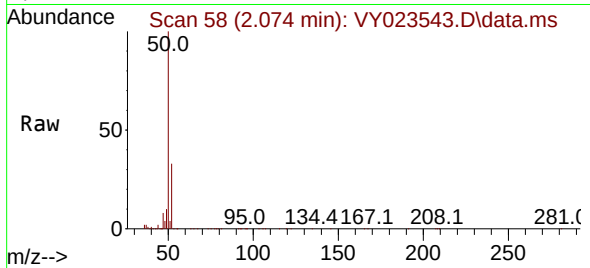




#3
Chloromethane
Concen: 41.760 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

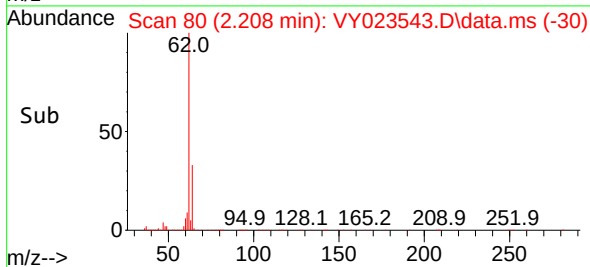
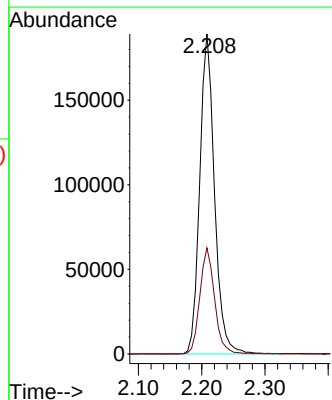
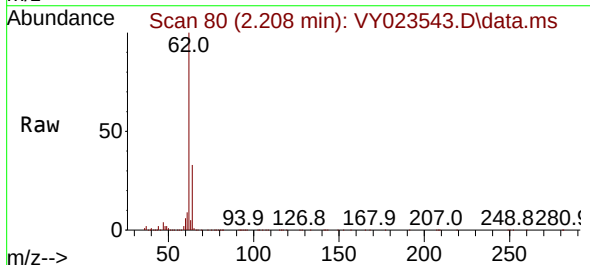
Instrument :
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ClientSampleId :
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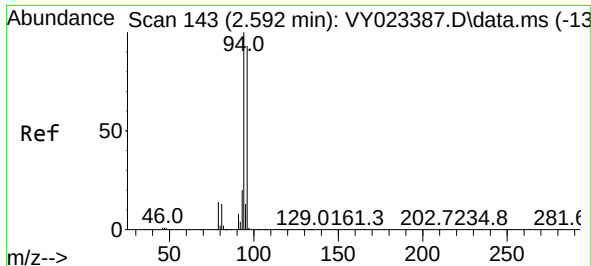
Tgt Ion: 50 Resp: 228434
Ion Ratio Lower Upper
50 100
52 32.9 26.2 39.2



#4
Vinyl Chloride
Concen: 43.199 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 62 Resp: 307788
Ion Ratio Lower Upper
62 100
64 33.1 25.8 38.8

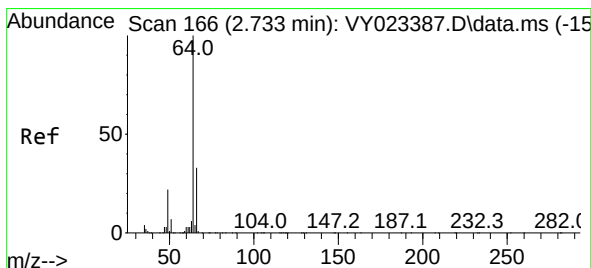
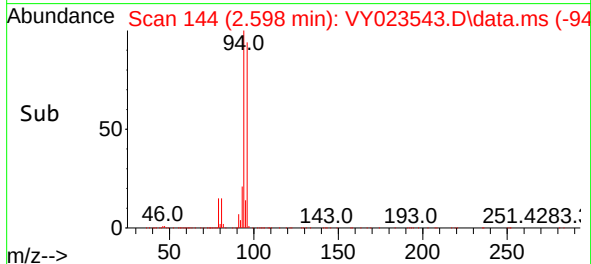
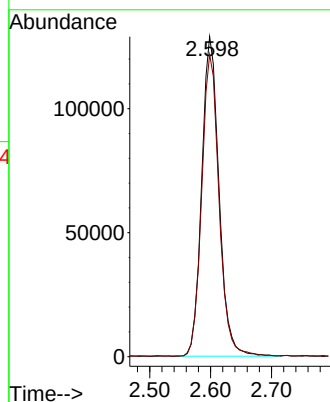
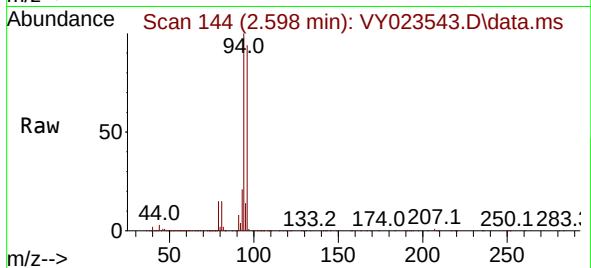




#5
Bromomethane
Concen: 42.551 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

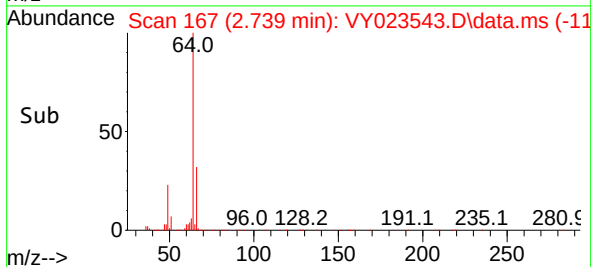
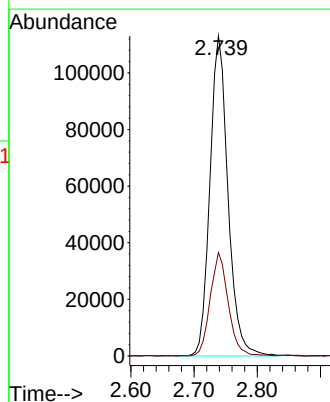
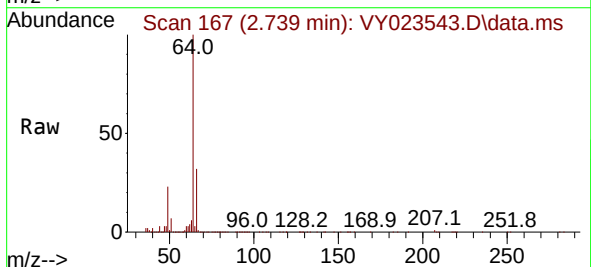
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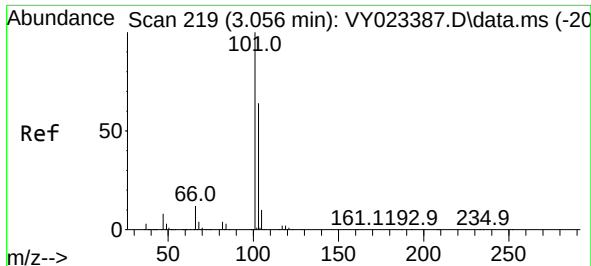
Tgt Ion: 94 Resp: 254415
Ion Ratio Lower Upper
94 100
96 94.3 74.5 111.7



#6
Chloroethane
Concen: 46.306 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 64 Resp: 224891
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4

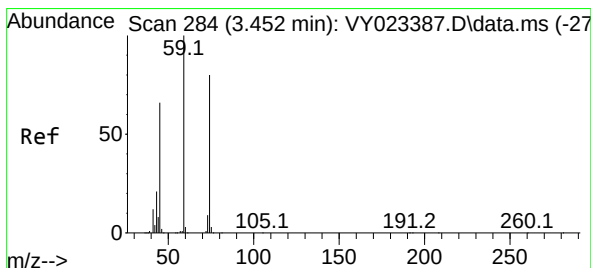
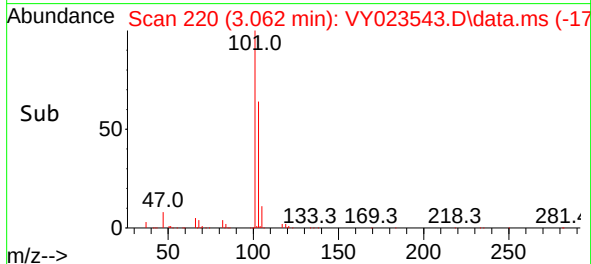
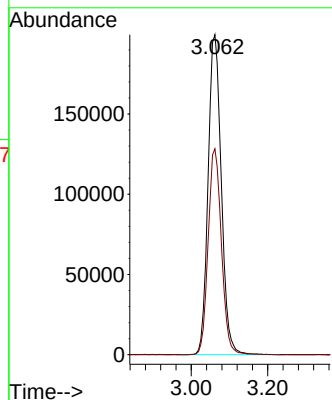
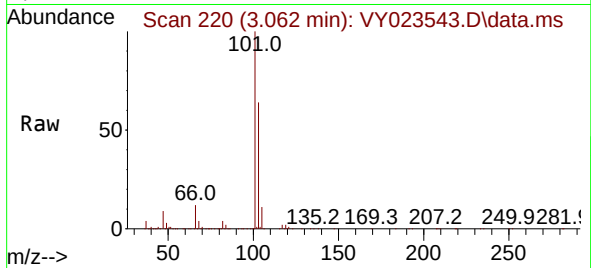




#7
Trichlorofluoromethane
Concen: 48.307 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

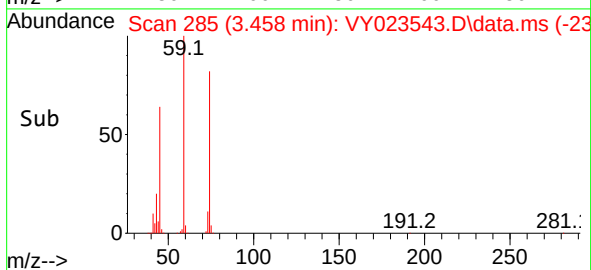
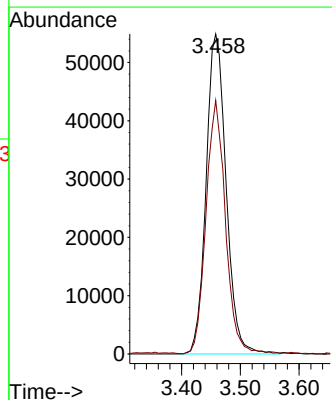
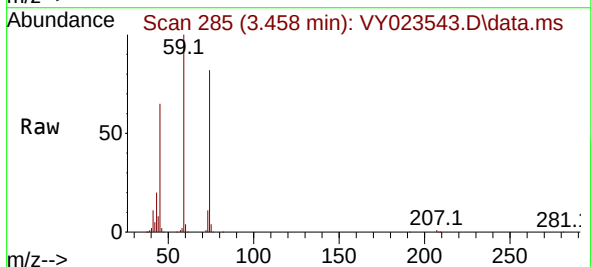
Instrument :
MSVOA_Y
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VSTDCCC050

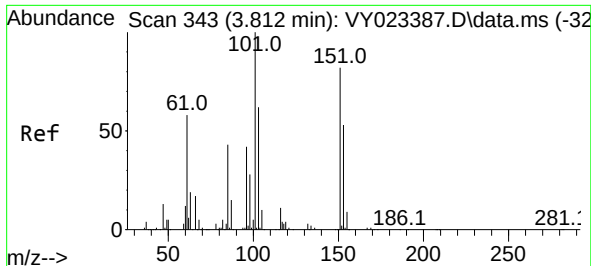
Tgt Ion:101 Resp: 477889
Ion Ratio Lower Upper
101 100
103 64.4 51.3 76.9



#8
Diethyl Ether
Concen: 50.281 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 74 Resp: 129976
Ion Ratio Lower Upper
74 100
45 76.8 39.9 119.7

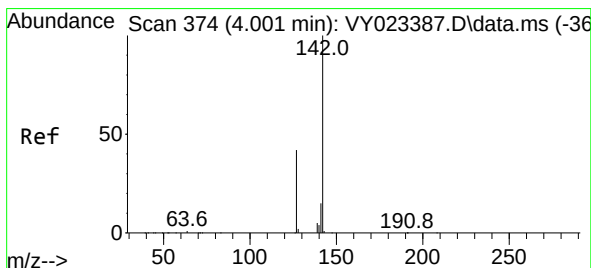
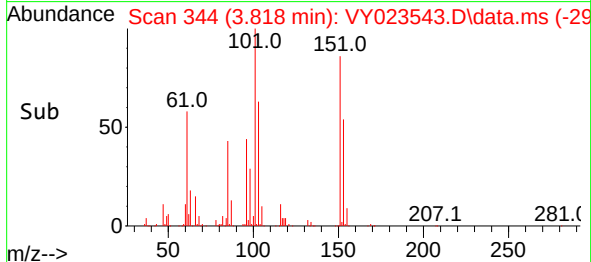
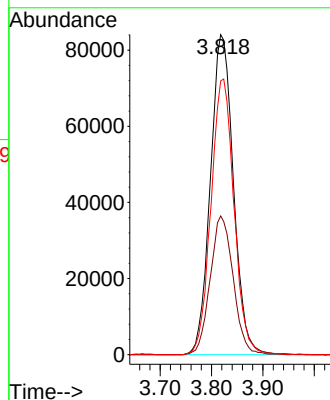
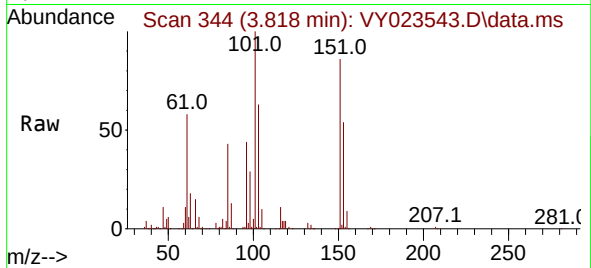




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.922 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023543.D
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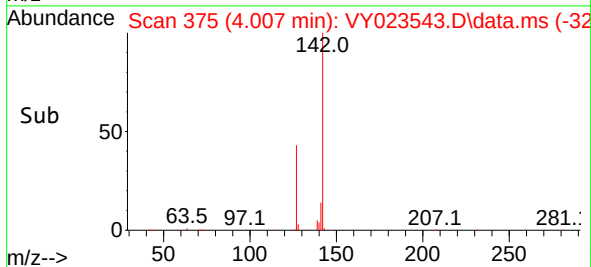
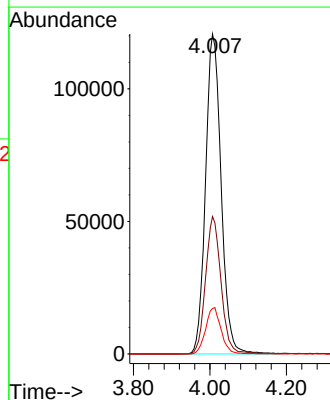
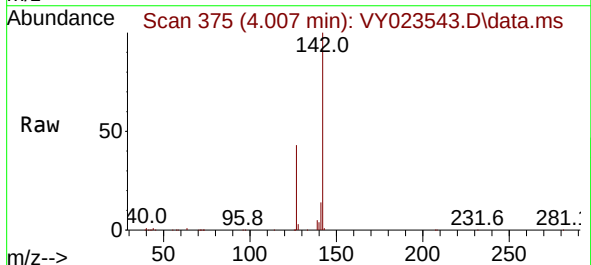
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

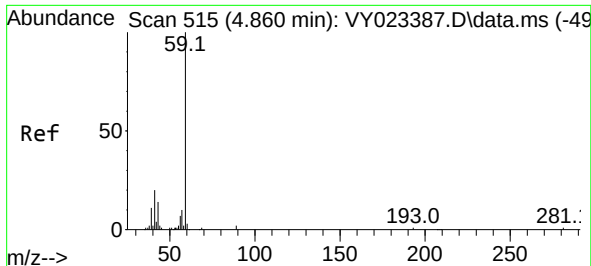
Tgt Ion:101 Resp: 261411
Ion Ratio Lower Upper
101 100
85 43.3 34.6 51.8
151 86.3 67.0 100.6



#10
Methyl Iodide
Concen: 59.772 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion:142 Resp: 341595
Ion Ratio Lower Upper
142 100
127 42.5 34.8 52.2
141 14.3 11.6 17.4

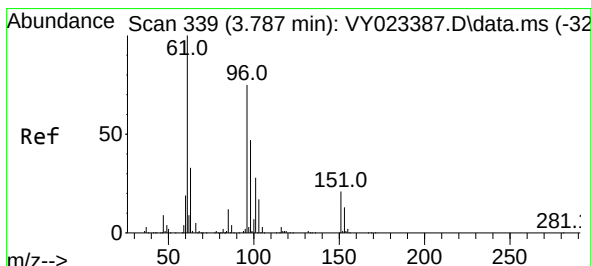
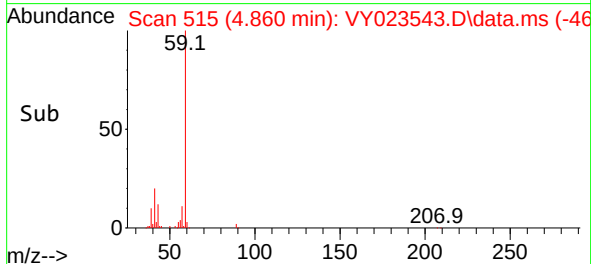
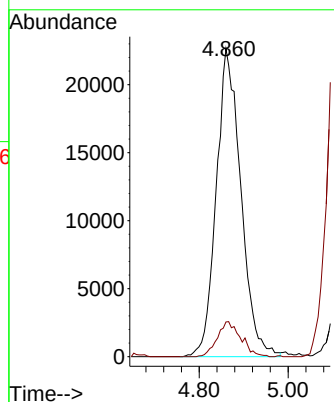
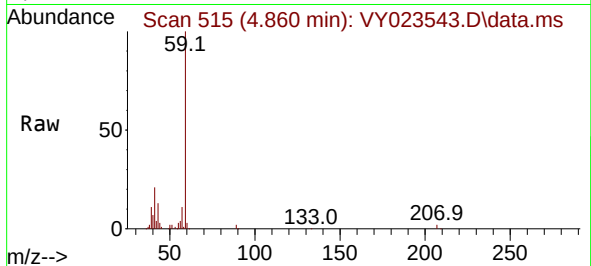




#11
Tert butyl alcohol
Concen: 250.315 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

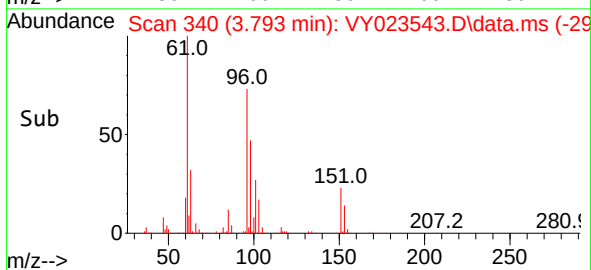
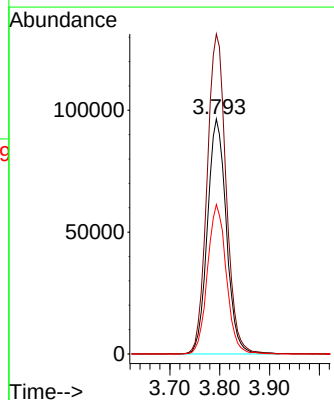
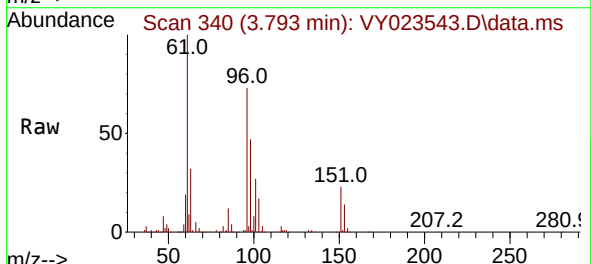
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

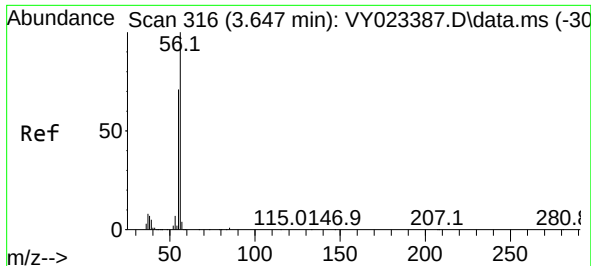
Tgt Ion: 59 Resp: 86872
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 51.086 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 96 Resp: 254223
Ion Ratio Lower Upper
96 100
61 136.2 106.7 160.1
98 63.6 50.2 75.4

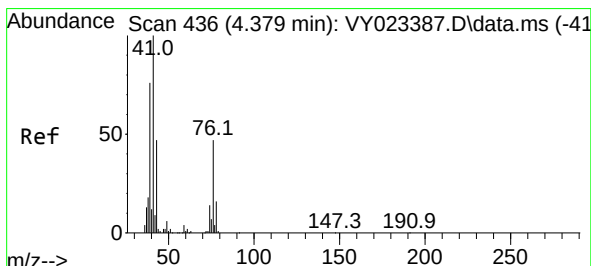
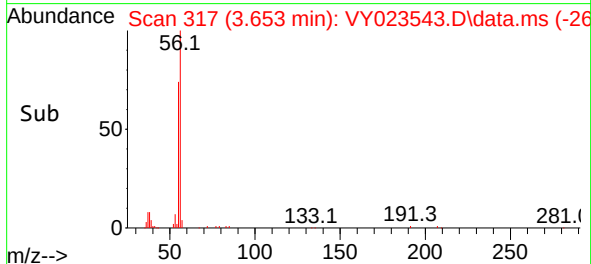
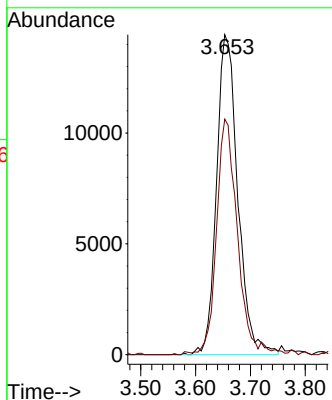
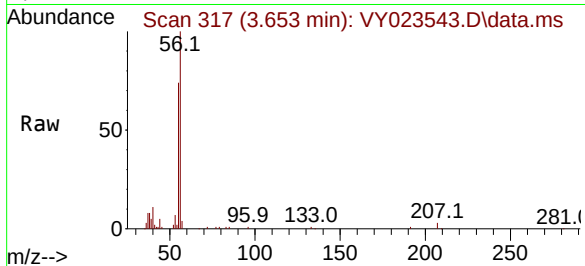




#13
Acrolein
Concen: 79.353 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

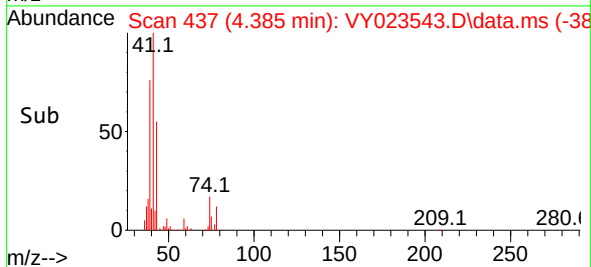
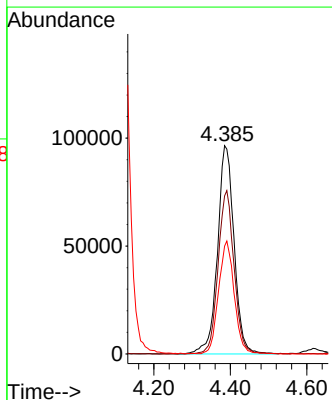
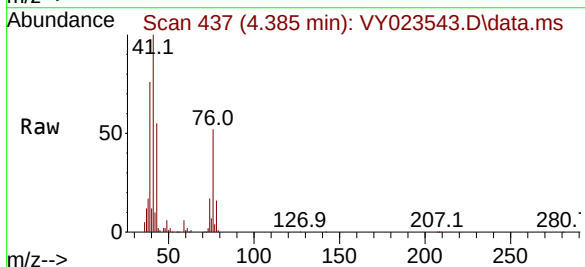
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

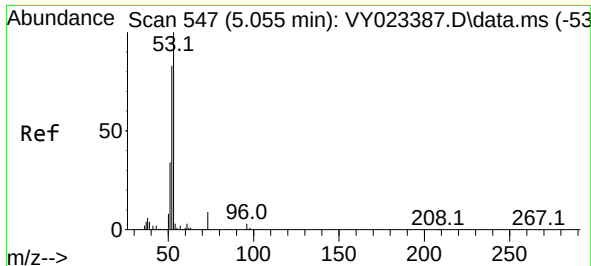
Tgt Ion: 56 Resp: 38914
Ion Ratio Lower Upper
56 100
55 68.9 56.1 84.1



#14
Allyl chloride
Concen: 48.025 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 41 Resp: 291262
Ion Ratio Lower Upper
41 100
39 76.0 59.9 89.9
76 51.3 38.0 57.0

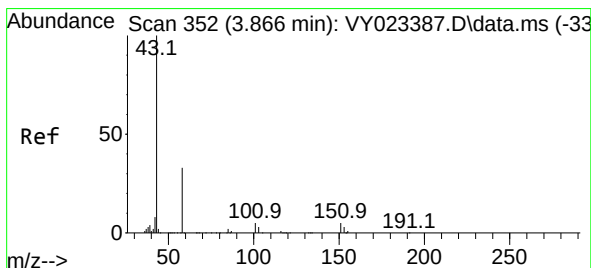
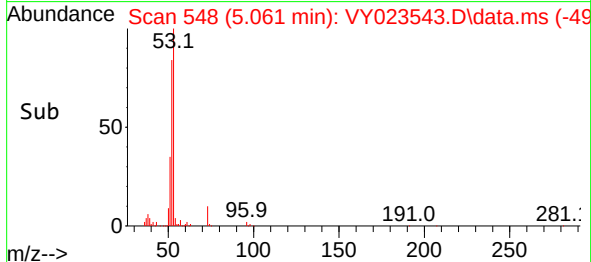
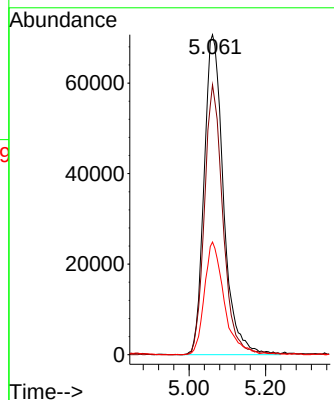
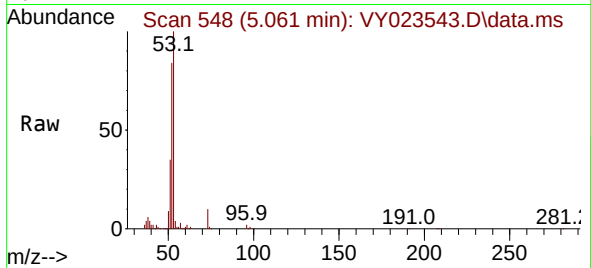




#15
Acrylonitrile
Concen: 251.312 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

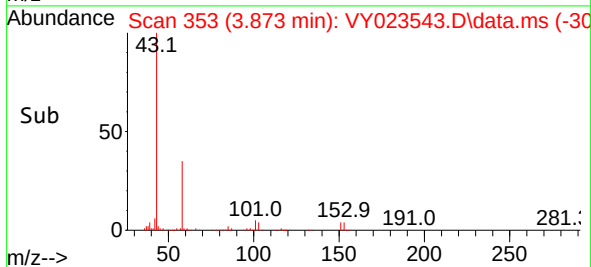
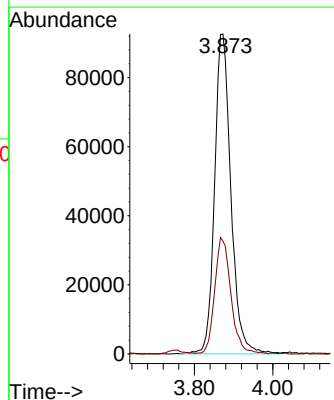
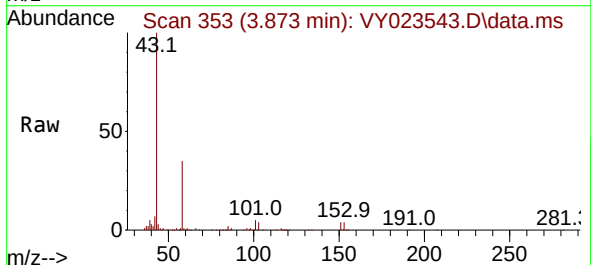
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

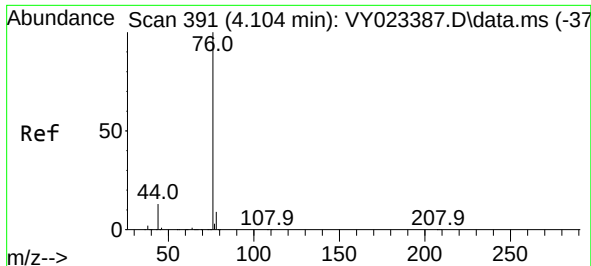
Tgt Ion: 53 Resp: 248616
Ion Ratio Lower Upper
53 100
52 80.3 64.6 97.0
51 35.8 29.5 44.3



#16
Acetone
Concen: 240.345 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 43 Resp: 266925
Ion Ratio Lower Upper
43 100
58 35.1 27.7 41.5

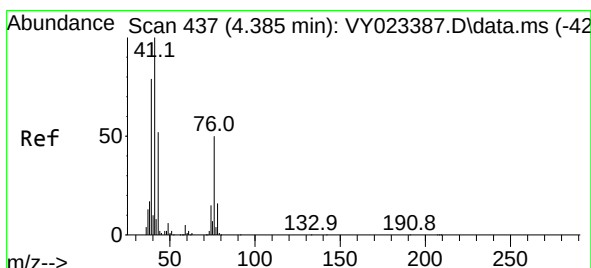
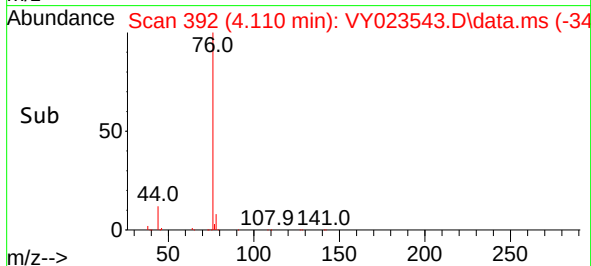
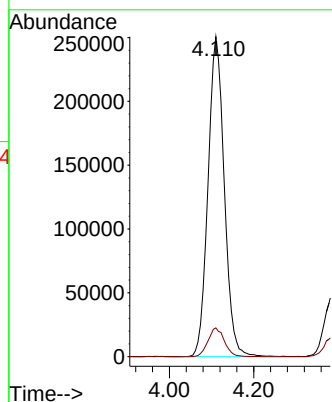
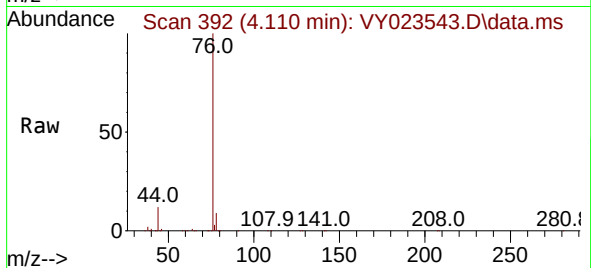




#17
Carbon Disulfide
Concen: 47.232 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

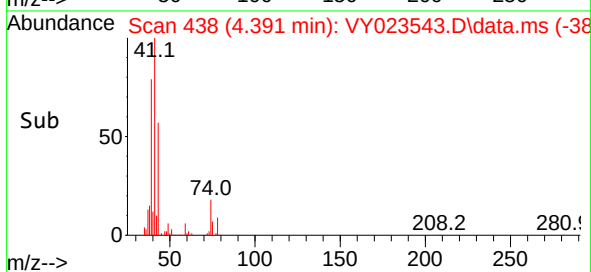
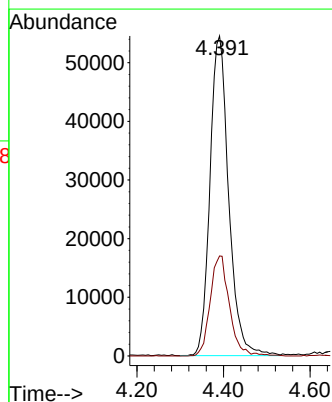
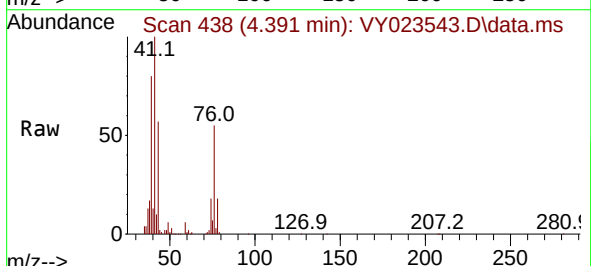
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

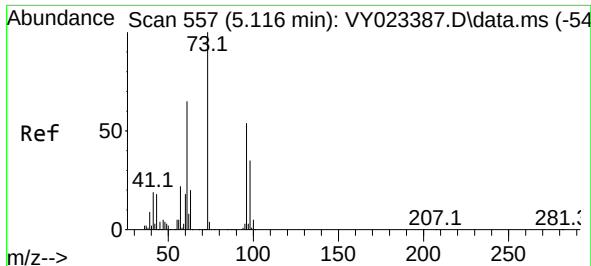
Tgt Ion: 76 Resp: 672714
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 56.225 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 43 Resp: 163801
Ion Ratio Lower Upper
43 100
74 32.2 24.2 36.4

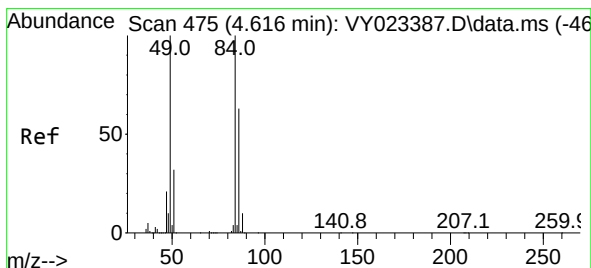
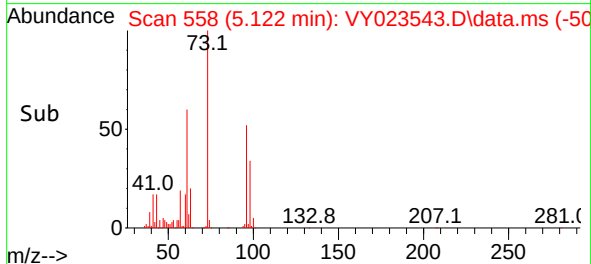
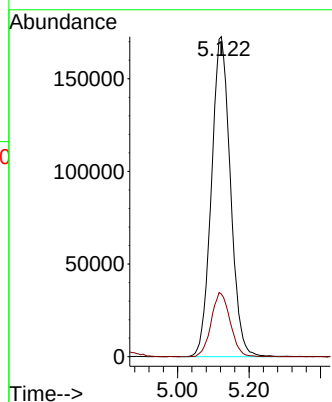
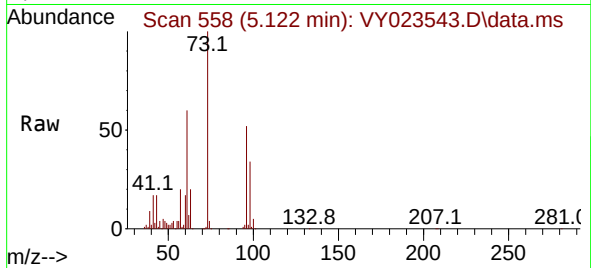




#19
Methyl tert-butyl Ether
Concen: 53.251 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

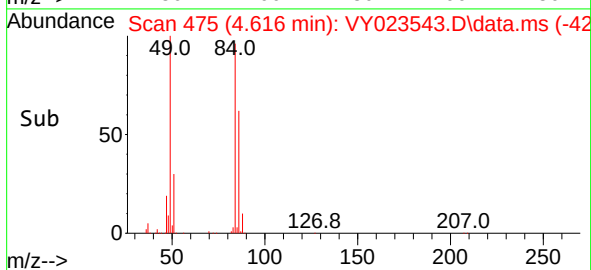
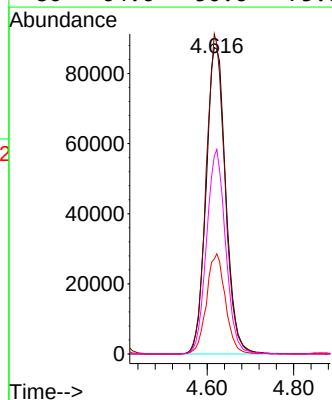
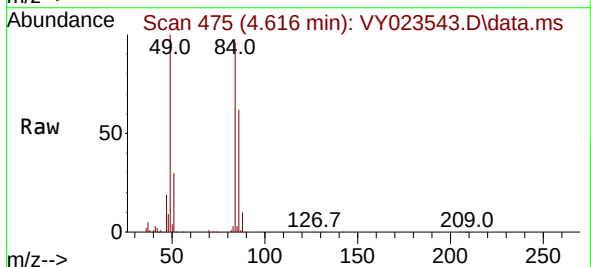
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

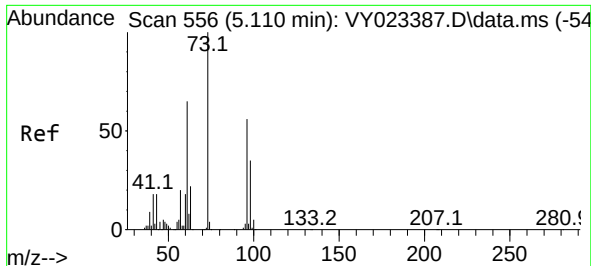
Tgt Ion: 73 Resp: 636893
Ion Ratio Lower Upper
73 100
57 19.6 17.4 26.0



#20
Methylene Chloride
Concen: 46.039 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 84 Resp: 276483
Ion Ratio Lower Upper
84 100
49 104.4 80.2 120.4
51 31.1 25.9 38.9
86 64.6 50.6 75.8

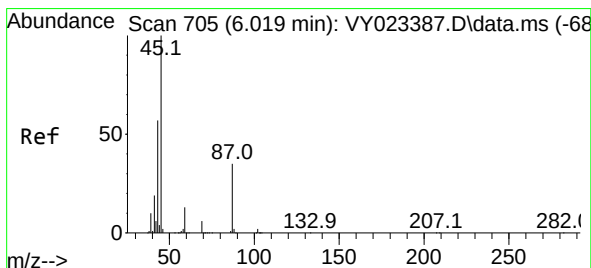
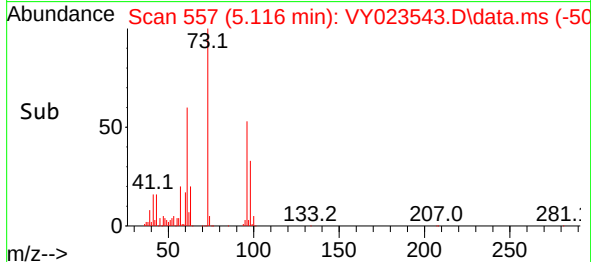
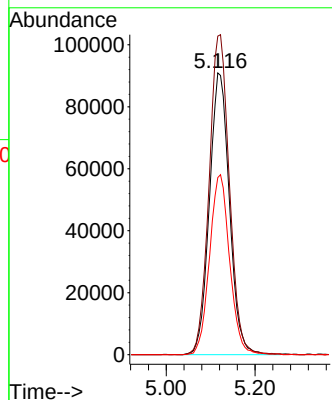
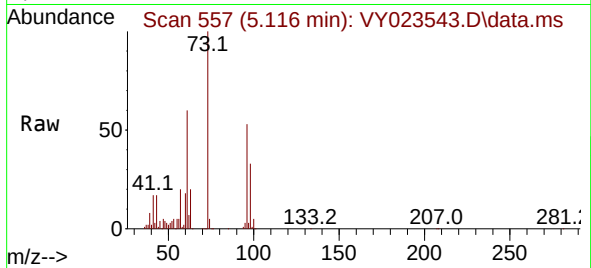




#21
trans-1,2-Dichloroethene
Concen: 51.921 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

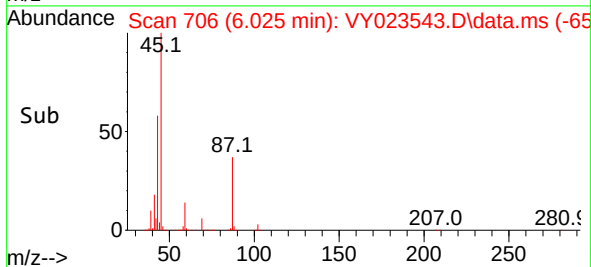
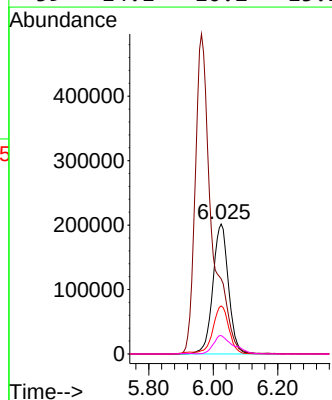
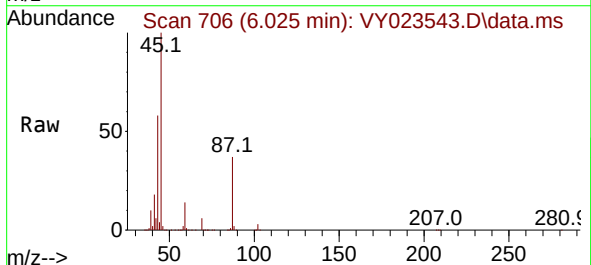
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

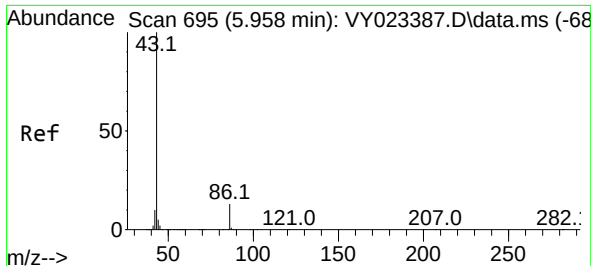
Tgt Ion: 96 Resp: 284466
Ion Ratio Lower Upper
96 100
61 113.0 92.7 139.1
98 62.8 49.7 74.5



#22
Diisopropyl ether
Concen: 50.537 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 45 Resp: 677959
Ion Ratio Lower Upper
45 100
43 57.6 45.6 68.4
87 37.0 28.1 42.1
59 14.1 10.2 15.2

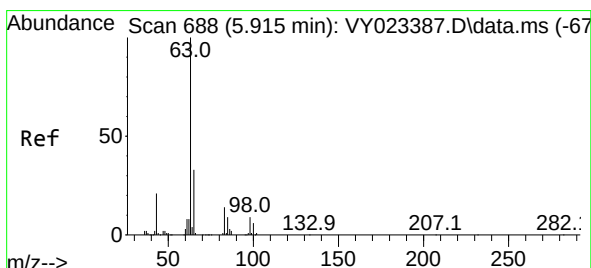
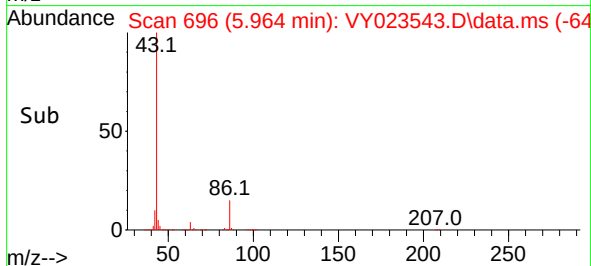
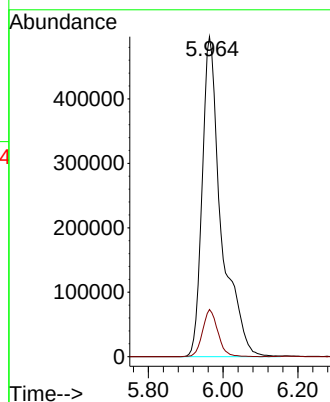
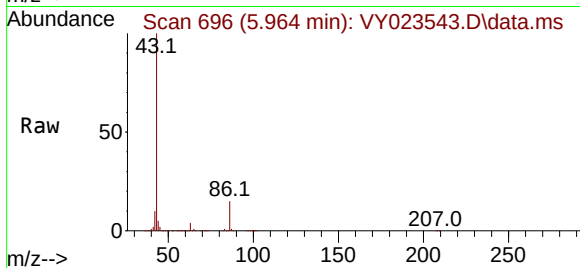




#23
 Vinyl Acetate
 Concen: 242.046 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023543.D
 Acq: 22 Oct 2025 09:30

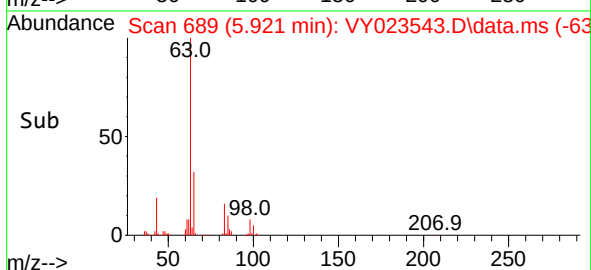
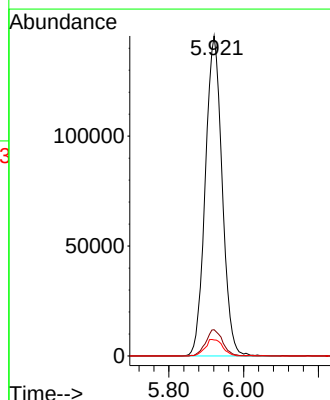
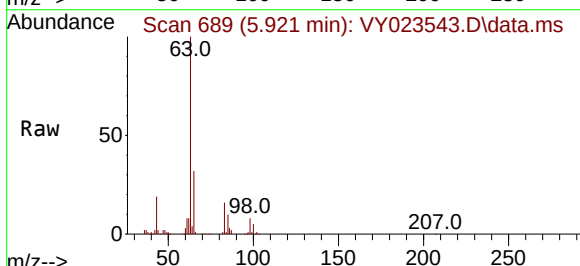
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

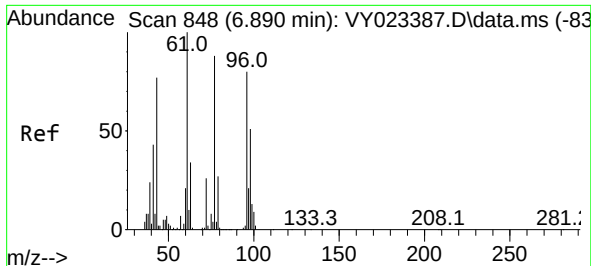
Tgt Ion: 43 Resp: 1757567
 Ion Ratio Lower Upper
 43 100
 86 14.7 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 51.156 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023543.D
 Acq: 22 Oct 2025 09:30

Tgt Ion: 63 Resp: 454590
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.3 13.1
 100 5.0 2.8 8.4

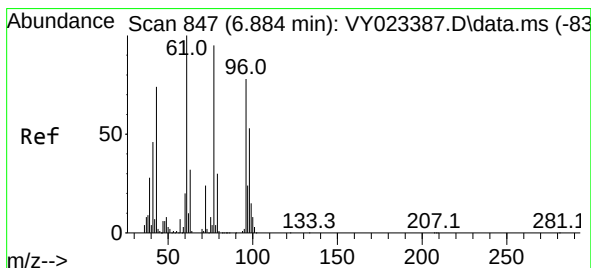
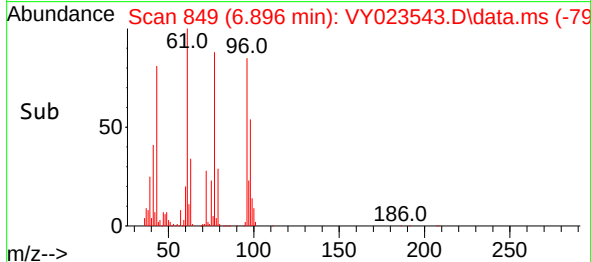
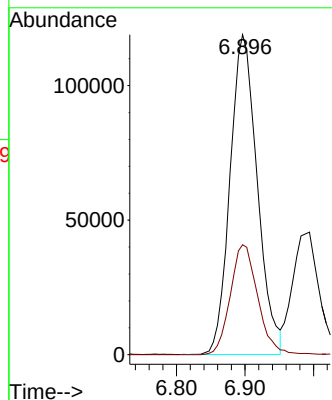
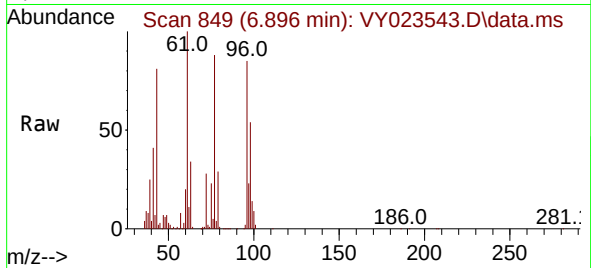




#25
2-Butanone
Concen: 242.629 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

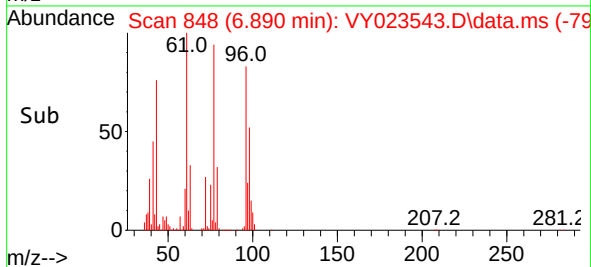
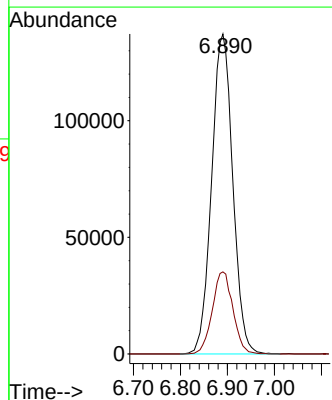
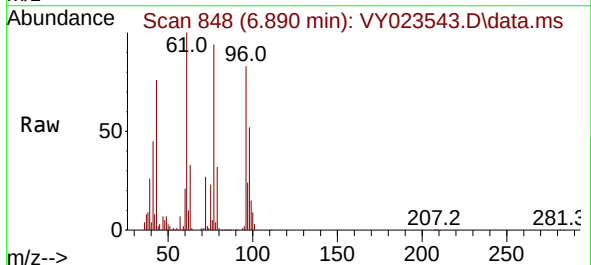
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

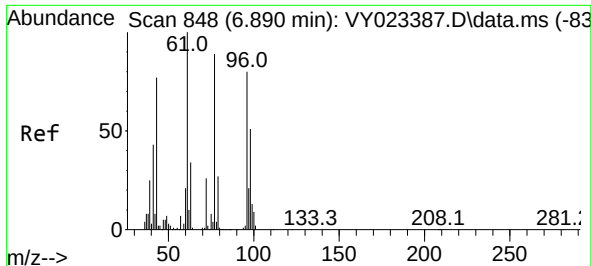
Tgt Ion: 43 Resp: 328971
Ion Ratio Lower Upper
43 100
72 34.4 27.4 41.2



#26
2,2-Dichloropropane
Concen: 52.555 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 77 Resp: 428536
Ion Ratio Lower Upper
77 100
97 25.0 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 53.843 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

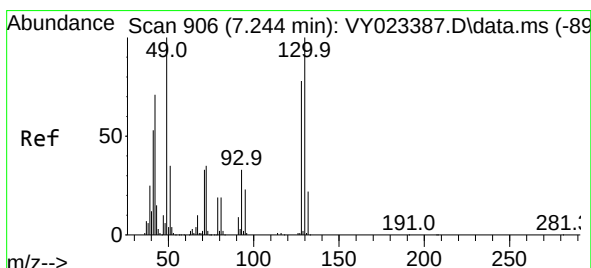
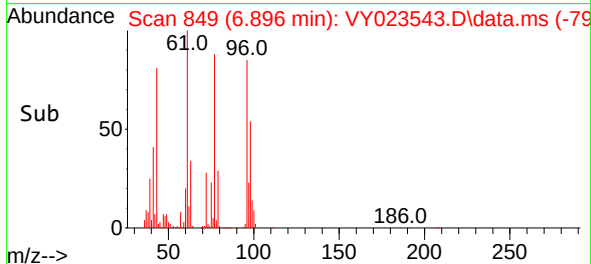
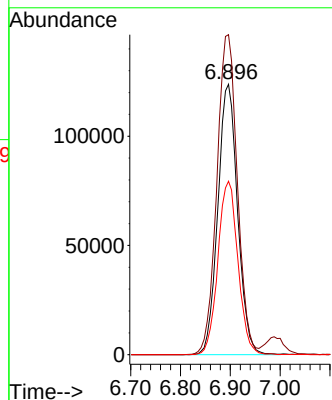
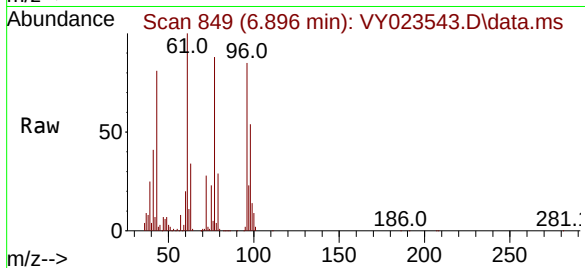
Tgt Ion: 96 Resp: 340754

Ion Ratio Lower Upper

96 100

61 122.7 0.0 258.2

98 65.1 0.0 132.0



#28

Bromochloromethane

Concen: 43.243 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

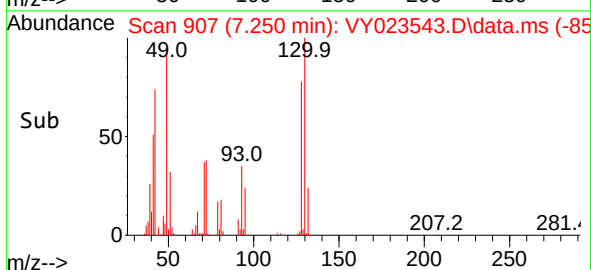
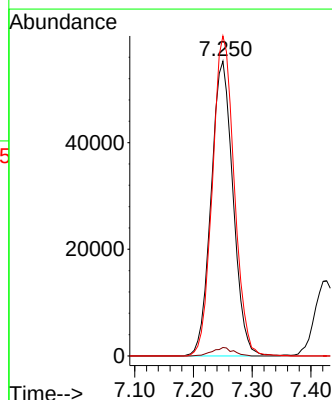
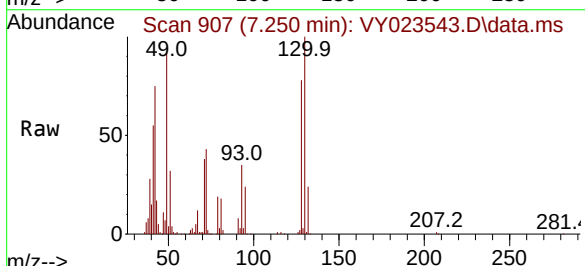
Tgt Ion: 49 Resp: 143454

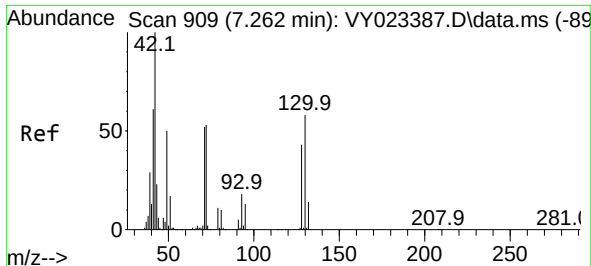
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.6

130 107.8 81.9 122.9

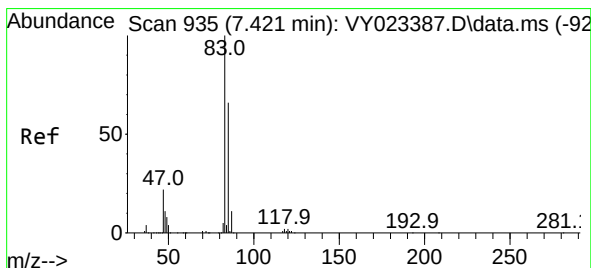
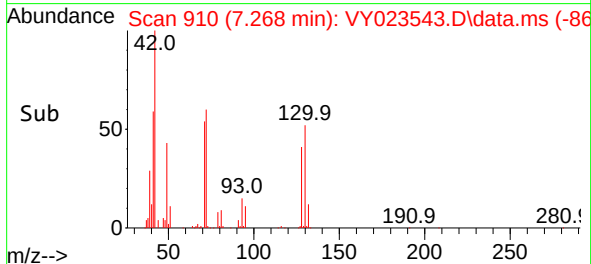
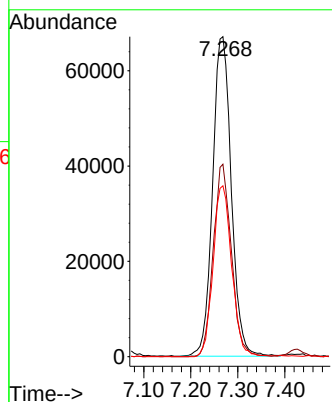
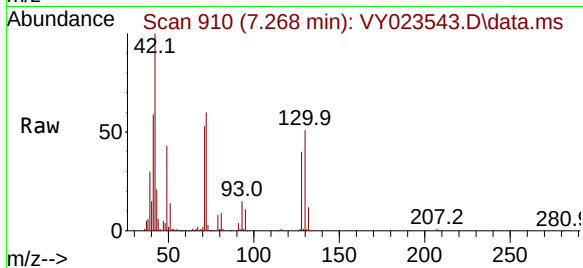




#29
Tetrahydrofuran
Concen: 240.938 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

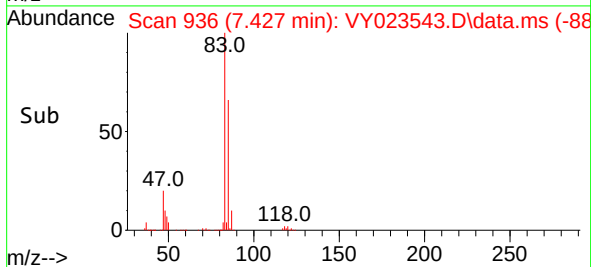
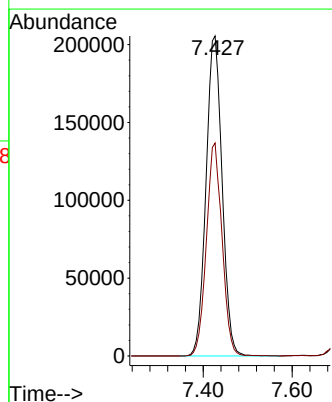
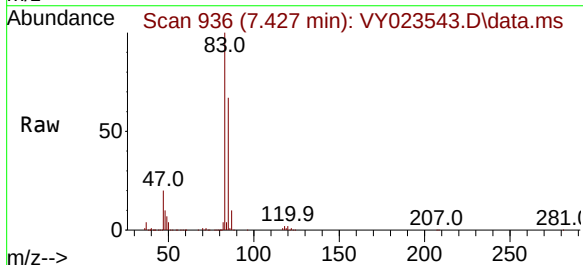
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

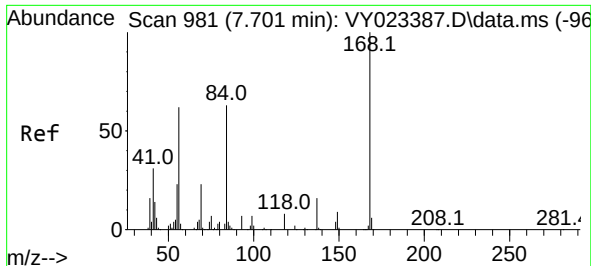
Tgt Ion: 42 Resp: 185249
Ion Ratio Lower Upper
42 100
72 58.5 43.0 64.6
71 53.4 40.1 60.1



#30
Chloroform
Concen: 53.000 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 83 Resp: 517452
Ion Ratio Lower Upper
83 100
85 66.6 52.5 78.7

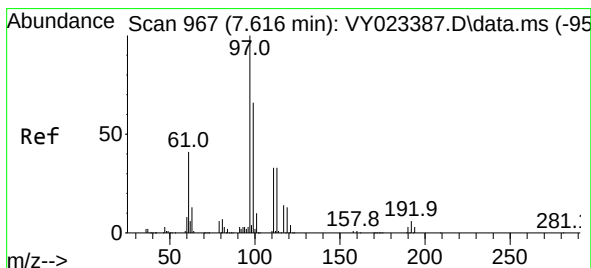
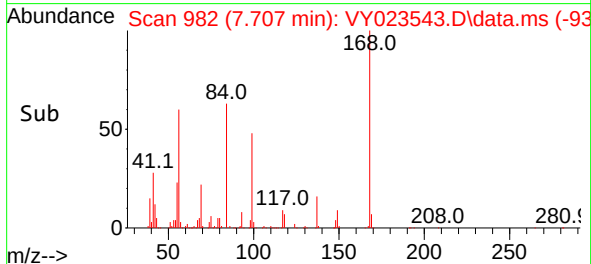
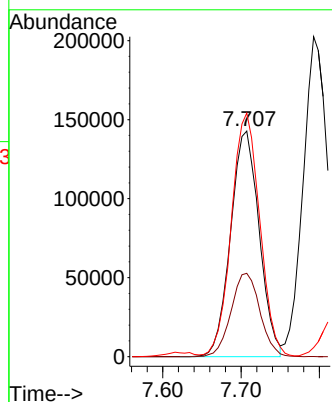
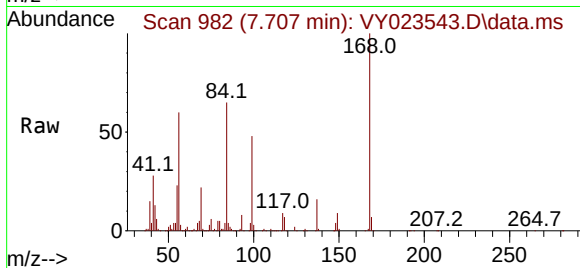




#31
Cyclohexane
Concen: 46.762 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

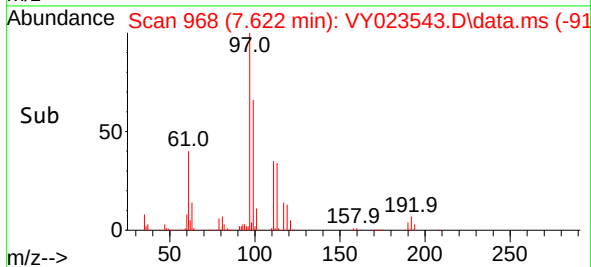
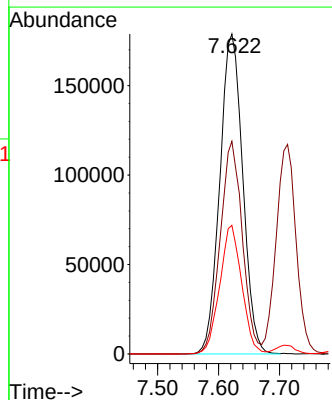
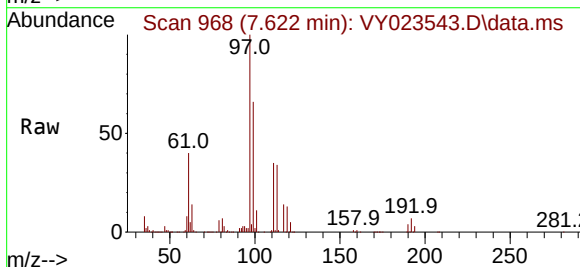
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

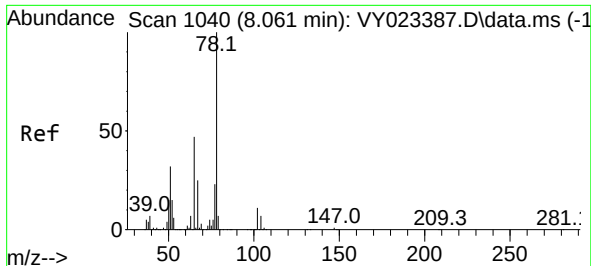
Tgt Ion: 56 Resp: 362890
Ion Ratio Lower Upper
56 100
69 37.0 30.0 45.0
84 106.3 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 52.741 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 97 Resp: 467952
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 38.7 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 45.615 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

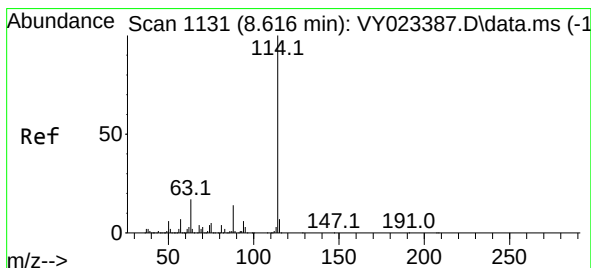
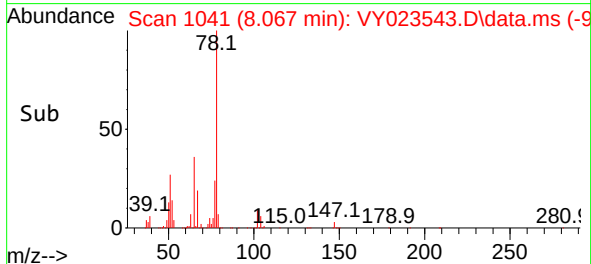
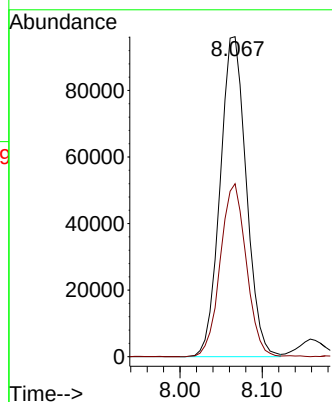
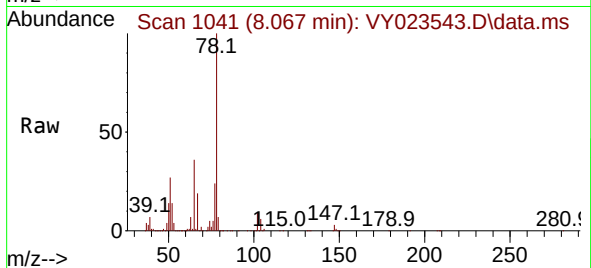
VSTDCCC050

Tgt Ion: 65 Resp: 212794

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

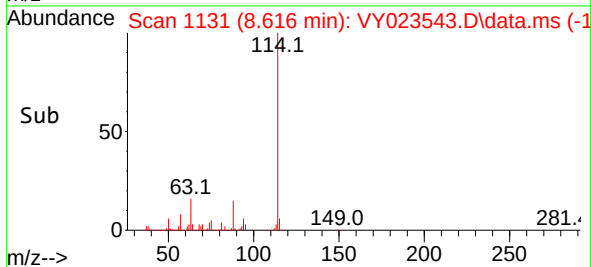
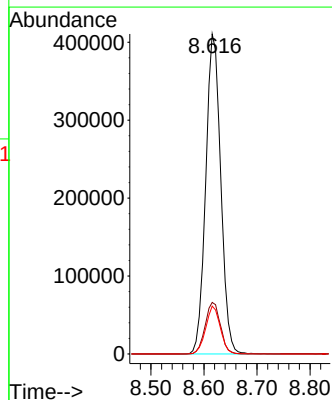
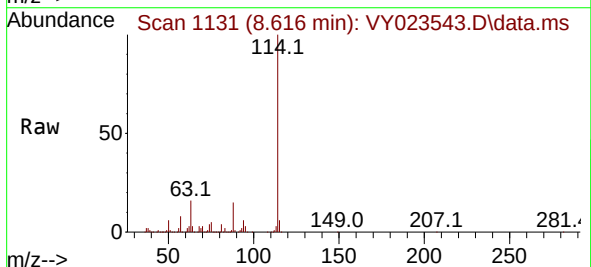
Tgt Ion: 114 Resp: 806690

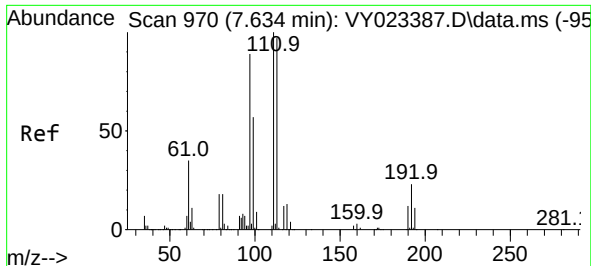
Ion Ratio Lower Upper

114 100

63 16.1 0.0 34.2

88 15.0 0.0 28.4

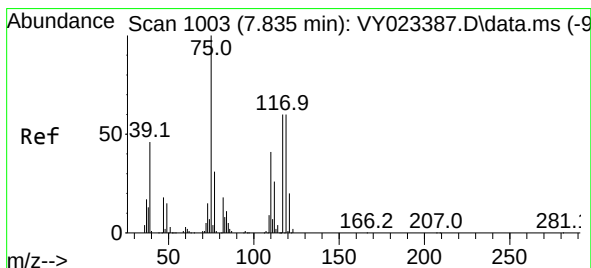
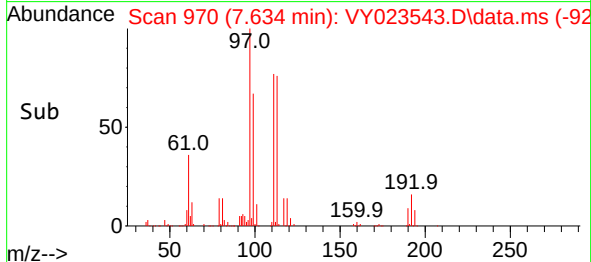
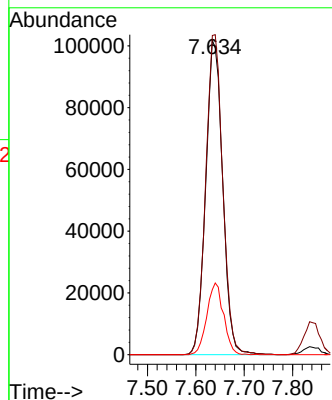
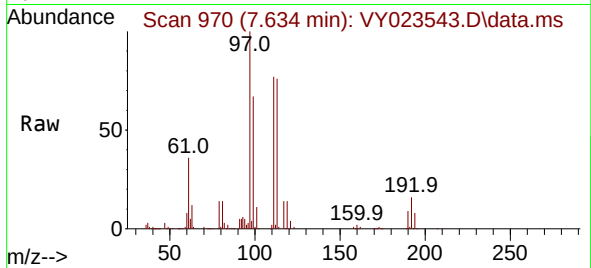




#35
Dibromofluoromethane
Concen: 49.924 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

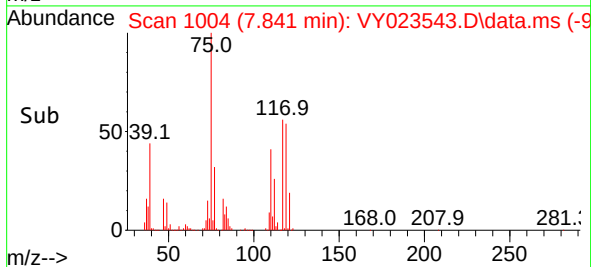
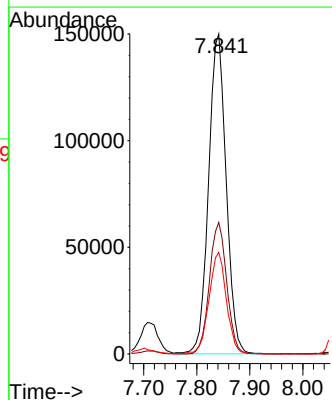
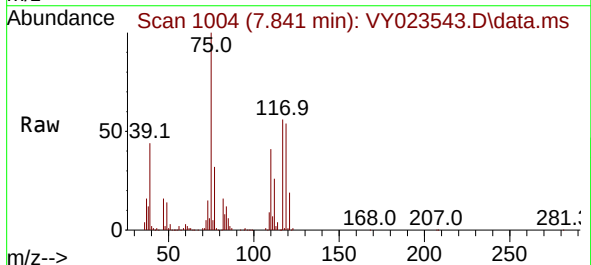
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

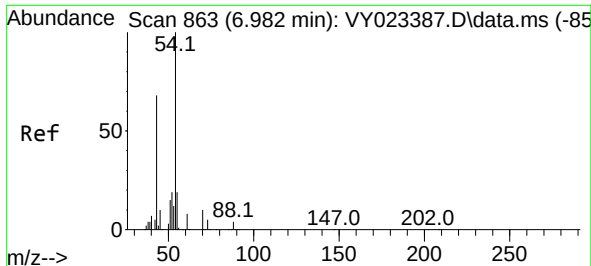
Tgt Ion:113 Resp: 247459
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 22.6 18.0 27.0



#36
1,1-Dichloropropene
Concen: 52.436 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 75 Resp: 344096
Ion Ratio Lower Upper
75 100
110 40.7 19.9 59.7
77 31.7 25.0 37.6





#37

Ethyl Acetate

Concen: 48.956 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

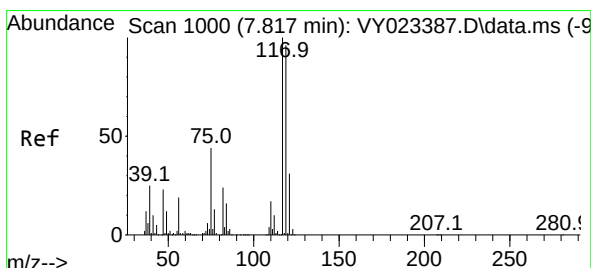
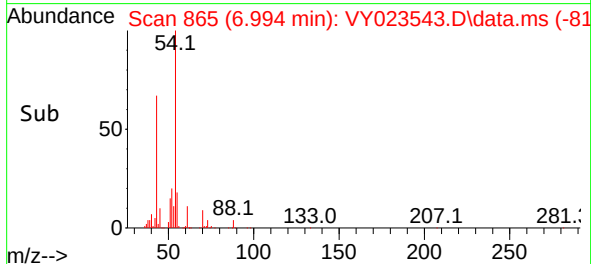
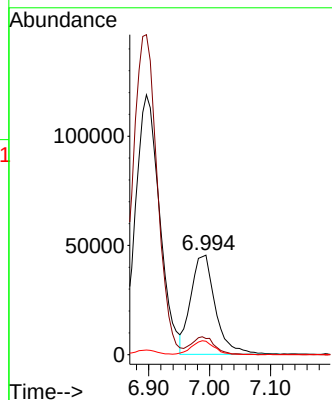
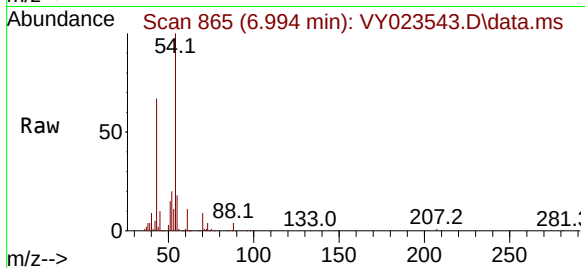
Tgt Ion: 43 Resp: 127273

Ion Ratio Lower Upper

43 100

61 17.2 11.8 17.8

70 13.2 10.5 15.7



#38

Carbon Tetrachloride

Concen: 52.970 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

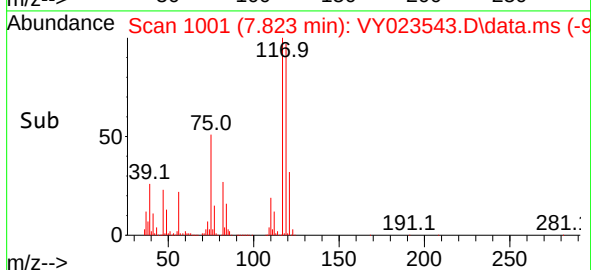
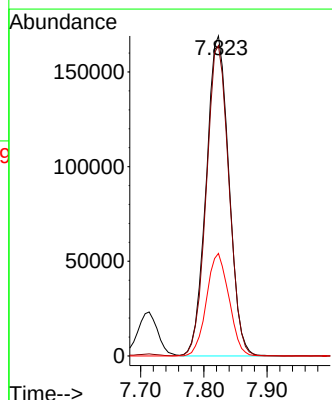
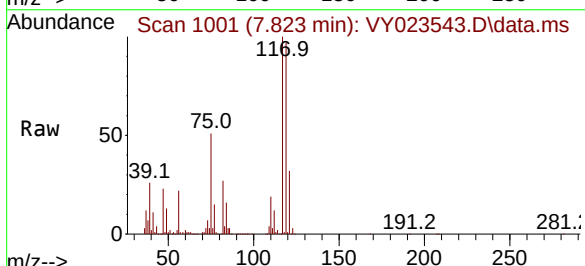
Tgt Ion: 117 Resp: 421482

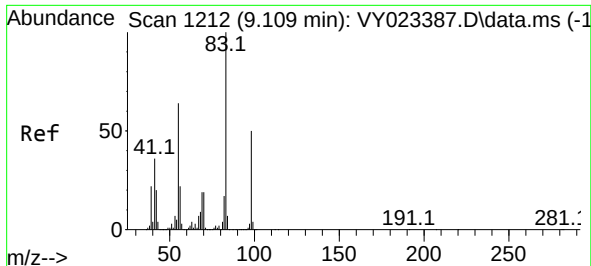
Ion Ratio Lower Upper

117 100

119 97.0 76.8 115.2

121 32.1 24.5 36.7





#39

Methylcyclohexane

Concen: 52.949 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

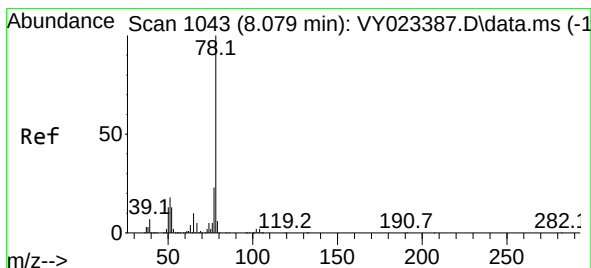
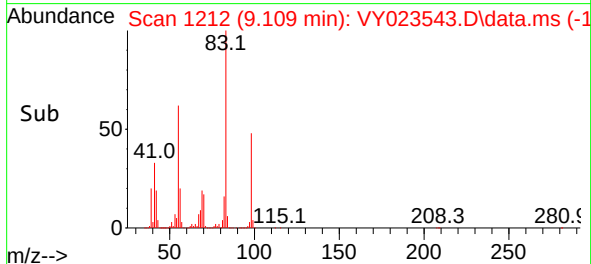
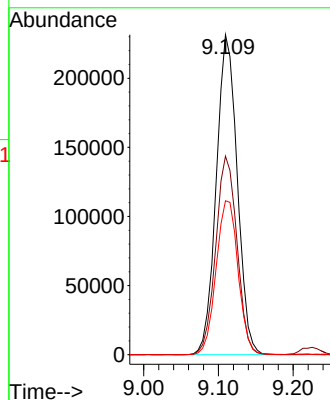
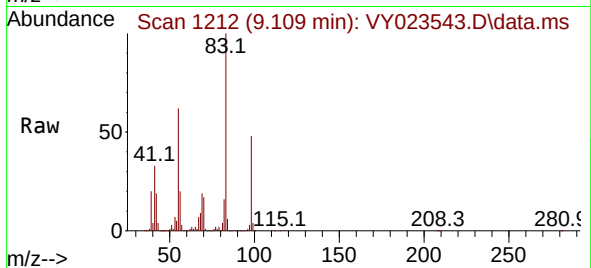
Tgt Ion: 83 Resp: 452406

Ion Ratio Lower Upper

83 100

55 62.1 51.4 77.2

98 48.1 40.4 60.6



#40

Benzene

Concen: 53.219 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023543.D

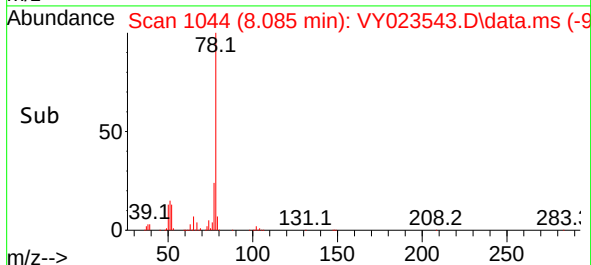
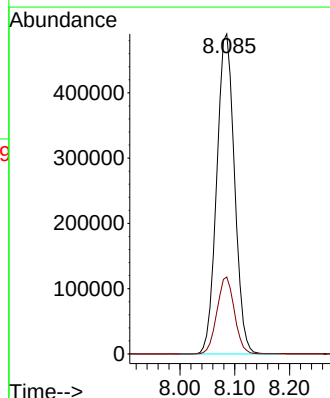
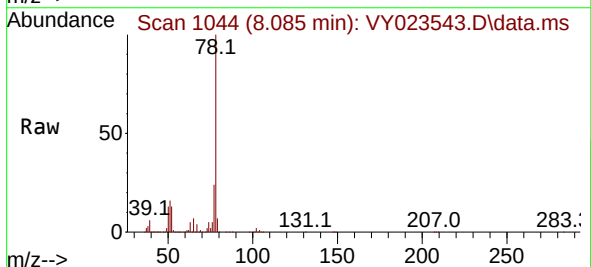
Acq: 22 Oct 2025 09:30

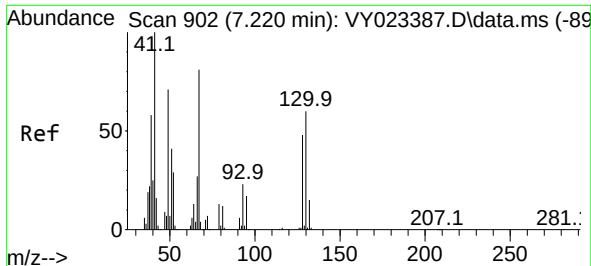
Tgt Ion: 78 Resp: 1105993

Ion Ratio Lower Upper

78 100

77 24.0 18.3 27.5

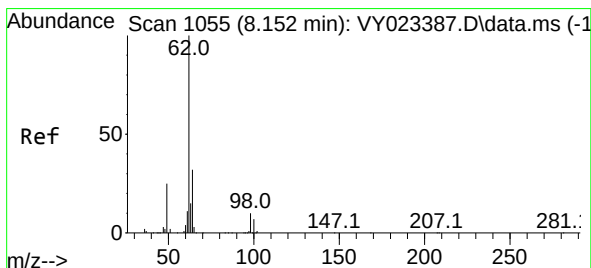
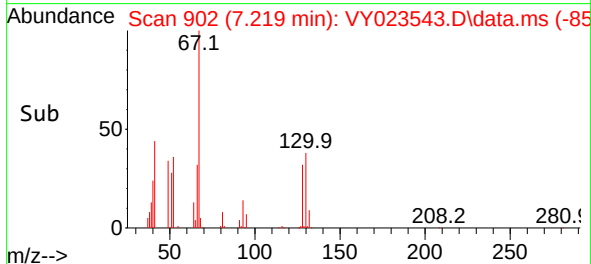
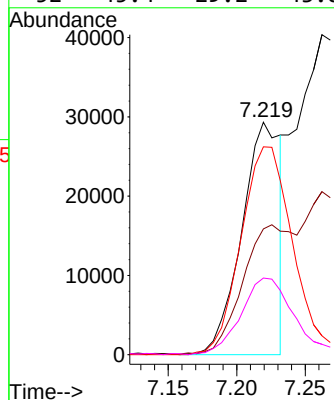
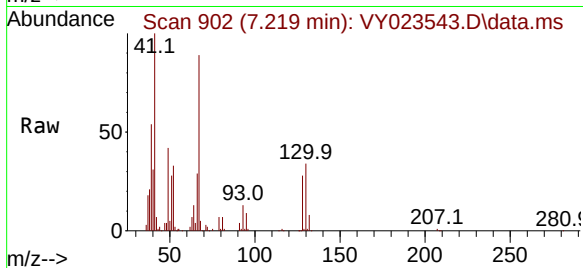




#41
Methacrylonitrile
Concen: 41.234 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

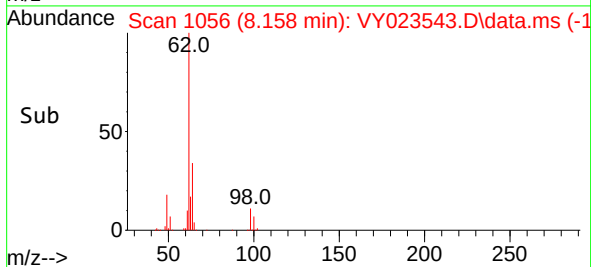
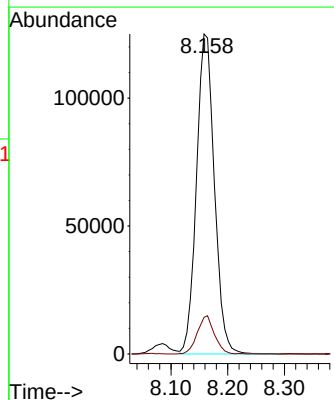
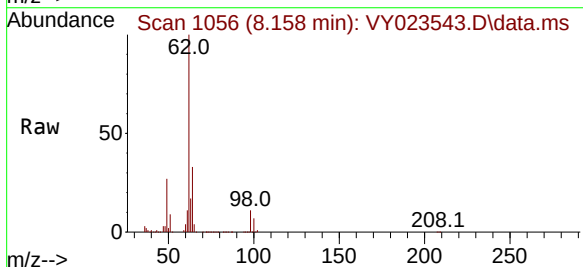
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

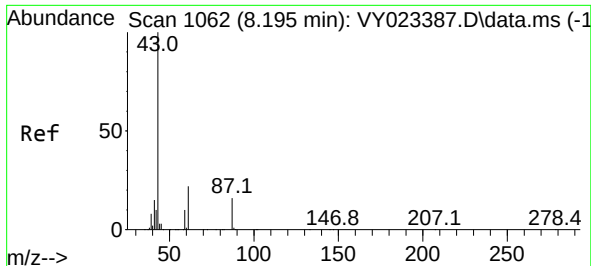
Tgt Ion: 41	Resp: 57978
Ion Ratio	Lower Upper
41 100	
39 75.5	52.2 78.4
67 120.8	74.9 112.3#
52 45.4	29.2 43.8#



#42
1,2-Dichloroethane
Concen: 51.247 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 62	Resp: 274669
Ion Ratio	Lower Upper
62 100	
98 11.4	0.0 21.6

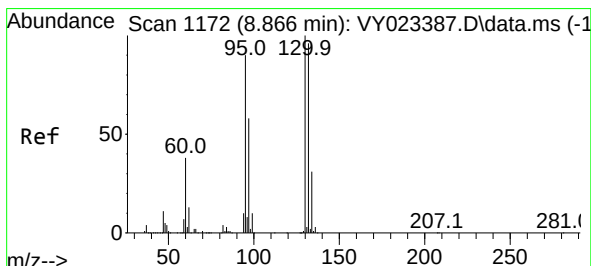
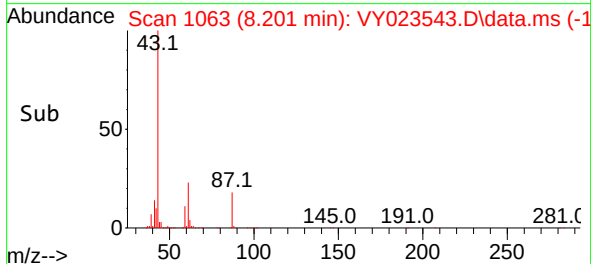
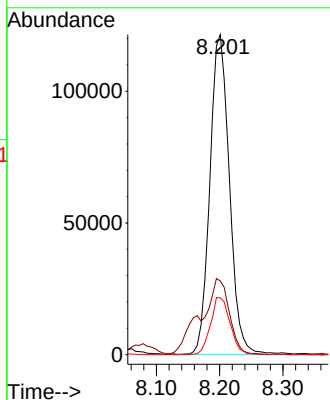
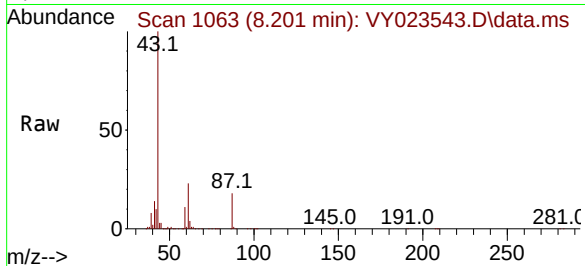




#43
Isopropyl Acetate
Concen: 50.092 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

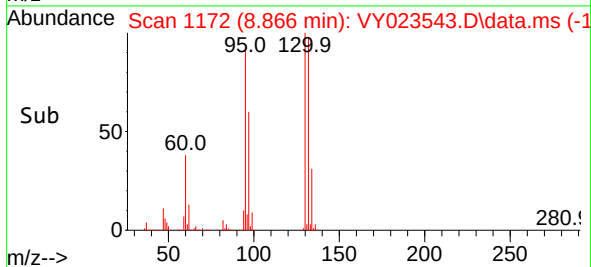
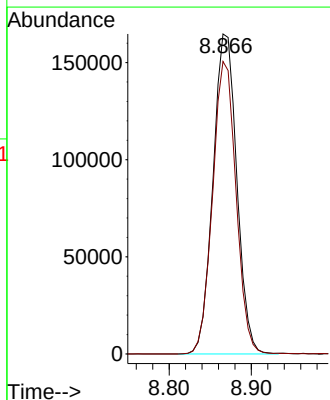
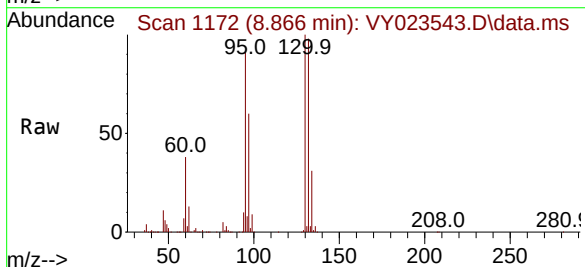
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

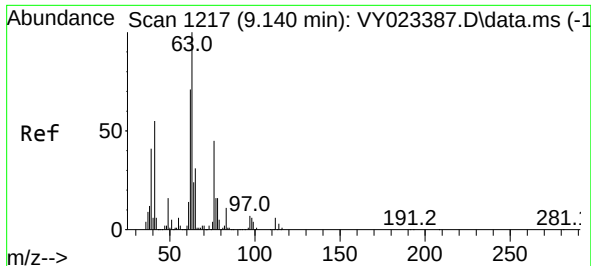
Tgt Ion: 43 Resp: 259676
Ion Ratio Lower Upper
43 100
61 25.1 18.1 27.1
87 18.0 13.5 20.3



#44
Trichloroethene
Concen: 54.528 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion:130 Resp: 331676
Ion Ratio Lower Upper
130 100
95 91.4 0.0 180.6





#45

1,2-Dichloropropane

Concen: 53.216 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

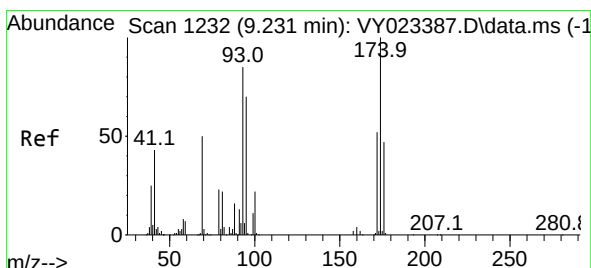
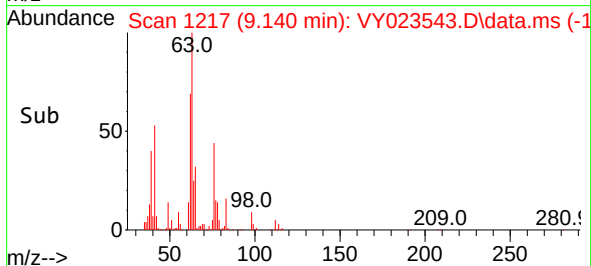
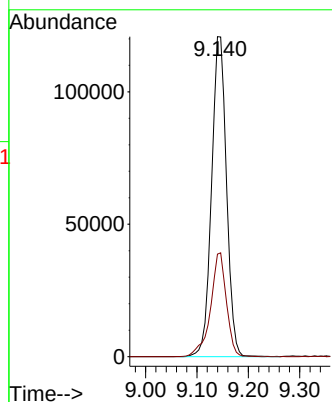
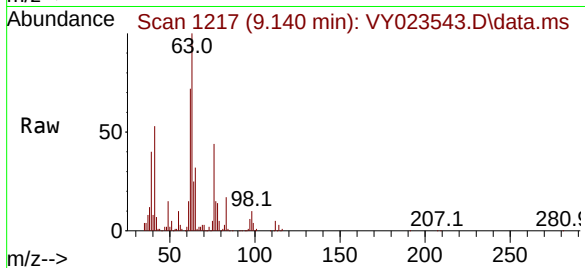
VSTDCCC050

Tgt Ion: 63 Resp: 244273

Ion Ratio Lower Upper

63 100

65 32.0 24.9 37.3



#46

Dibromomethane

Concen: 54.359 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

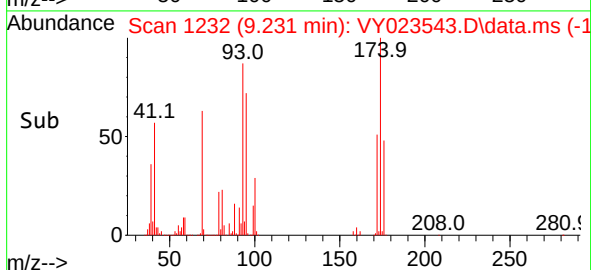
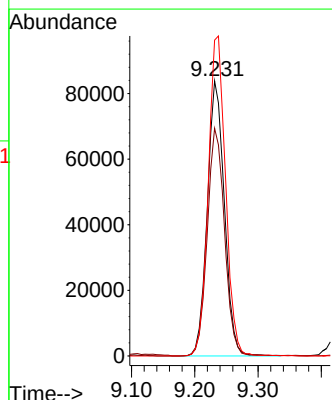
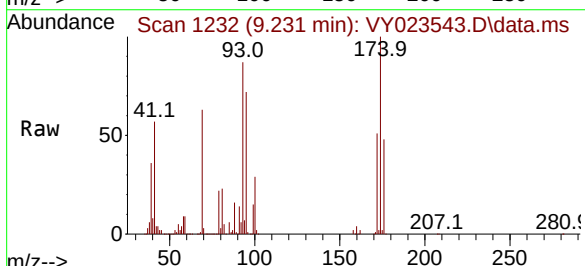
Tgt Ion: 93 Resp: 157780

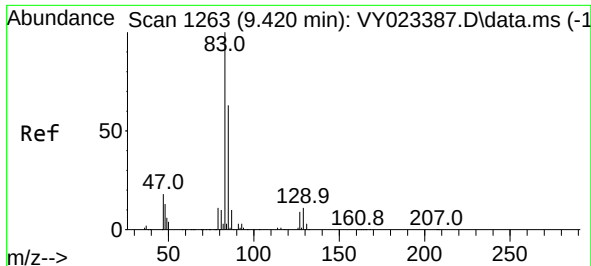
Ion Ratio Lower Upper

93 100

95 83.5 65.4 98.0

174 117.4 92.9 139.3

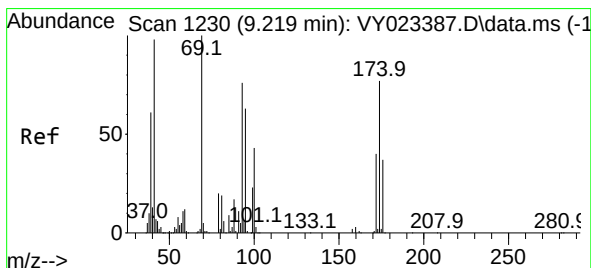
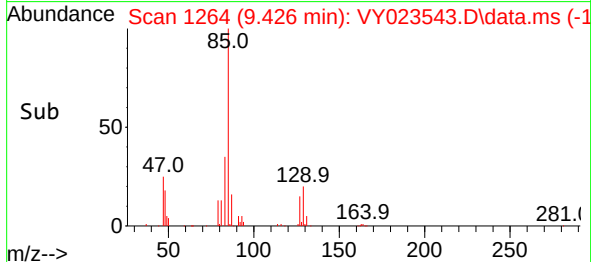
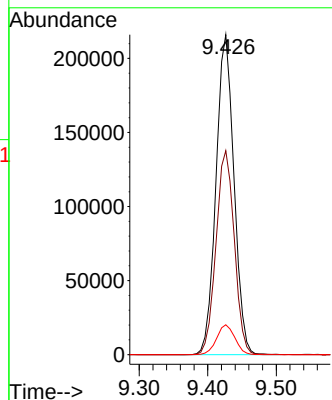
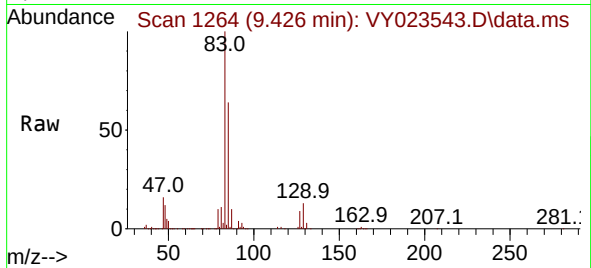




#47
Bromodichloromethane
Concen: 53.731 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

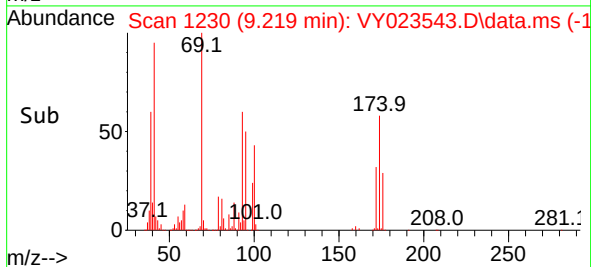
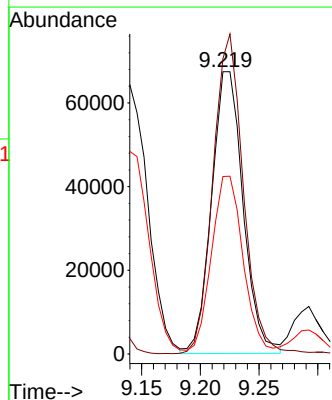
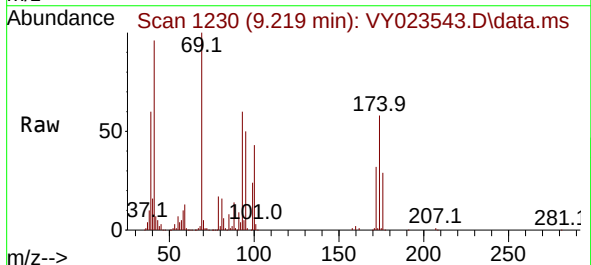
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

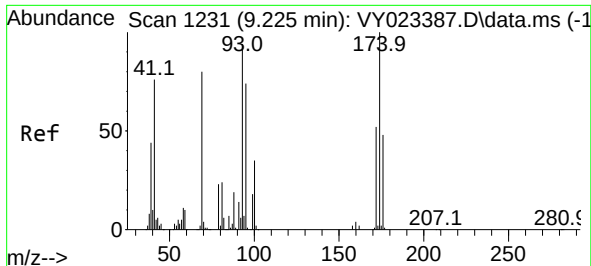
Tgt Ion: 83 Resp: 392784
Ion Ratio Lower Upper
83 100
85 63.7 50.8 76.2
127 9.3 7.4 11.2



#48
Methyl methacrylate
Concen: 51.729 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 41 Resp: 125981
Ion Ratio Lower Upper
41 100
69 108.7 81.0 121.4
39 60.9 48.2 72.4





#49

1,4-Dioxane

Concen: 1042.410 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

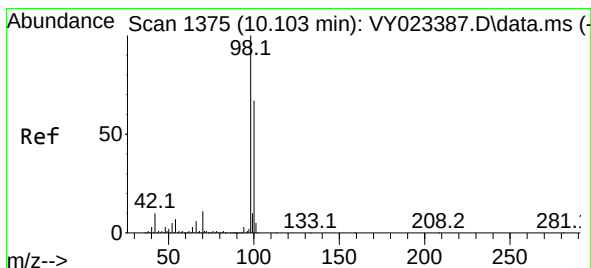
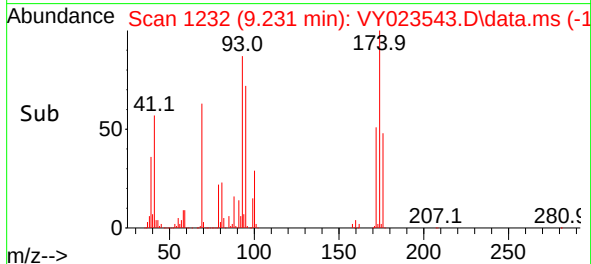
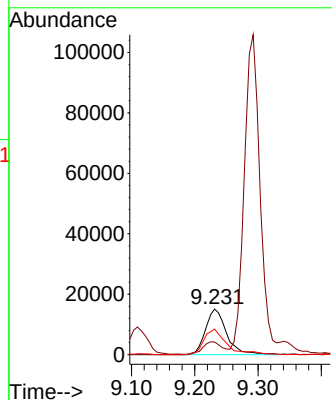
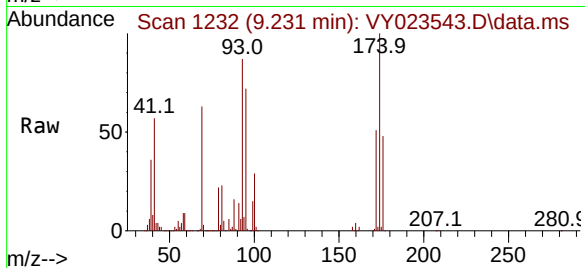
Tgt Ion: 88 Resp: 35080

Ion Ratio Lower Upper

88 100

43 26.1 21.8 32.8

58 56.0 46.8 70.2



#50

Toluene-d8

Concen: 49.624 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023543.D

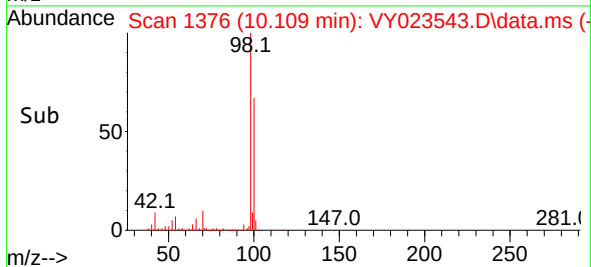
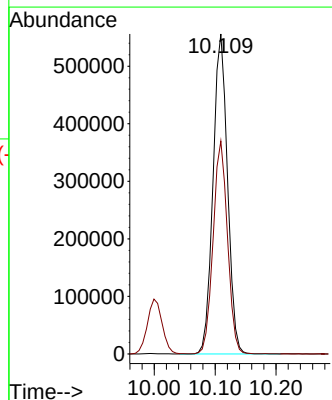
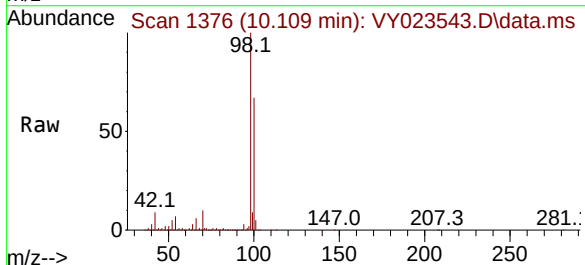
Acq: 22 Oct 2025 09:30

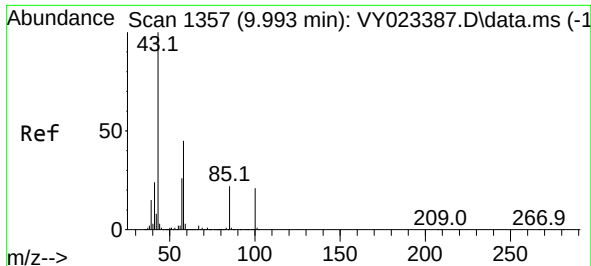
Tgt Ion: 98 Resp: 916029

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 263.542 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

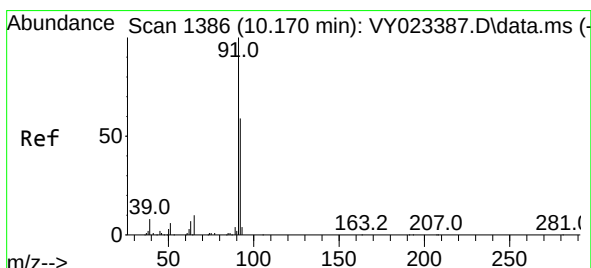
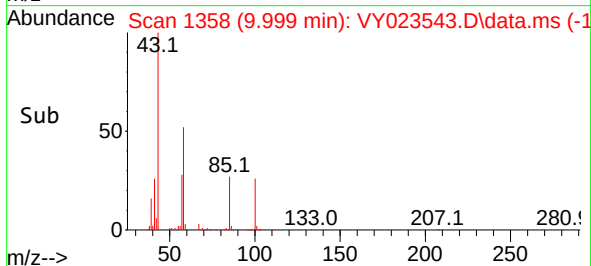
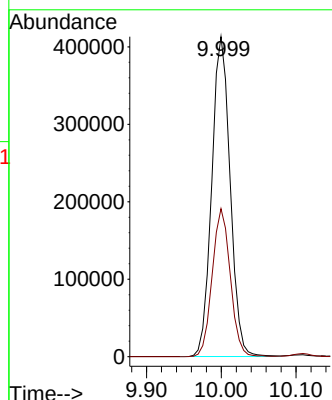
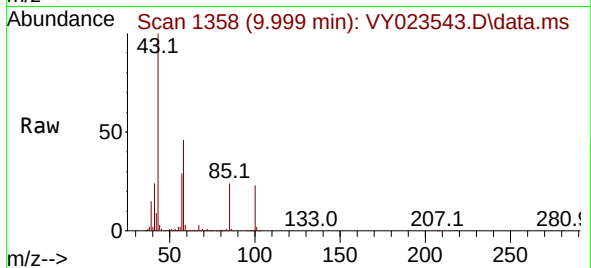
VSTDCCC050

Tgt Ion: 43 Resp: 705865

Ion Ratio Lower Upper

43 100

58 45.5 35.3 52.9



#52

Toluene

Concen: 55.380 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023543.D

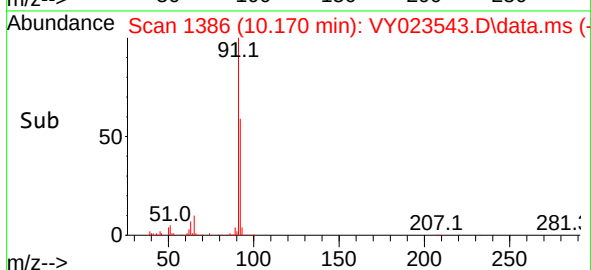
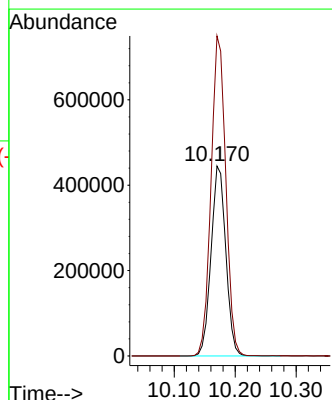
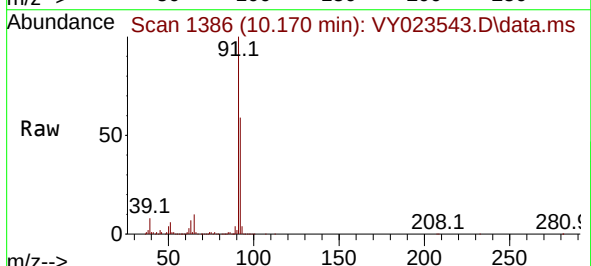
Acq: 22 Oct 2025 09:30

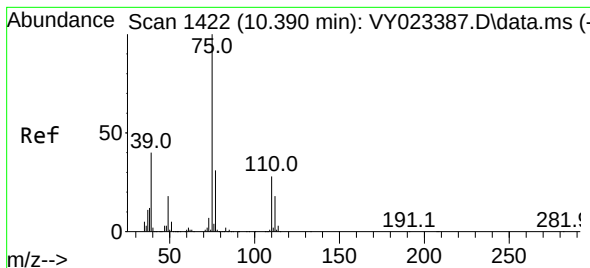
Tgt Ion: 92 Resp: 747259

Ion Ratio Lower Upper

92 100

91 168.7 136.4 204.6

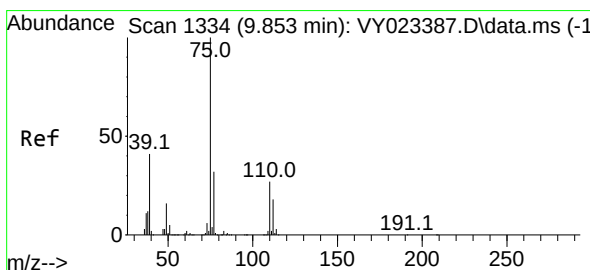
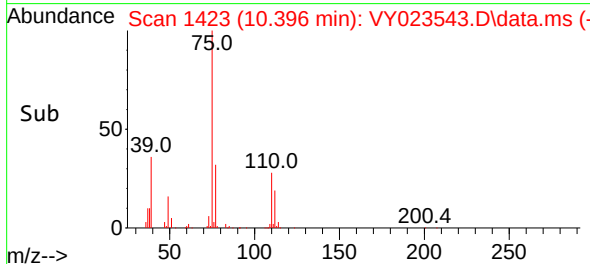
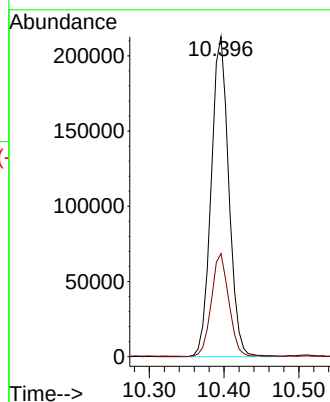
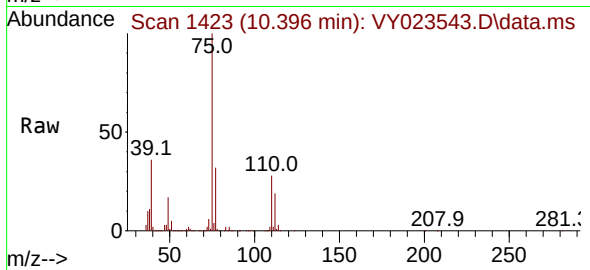




#53
 t-1,3-Dichloropropene
 Concen: 54.901 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023543.D
 Acq: 22 Oct 2025 09:30

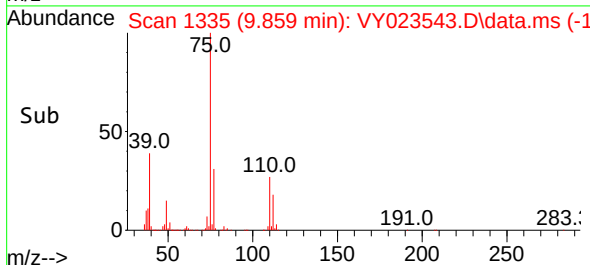
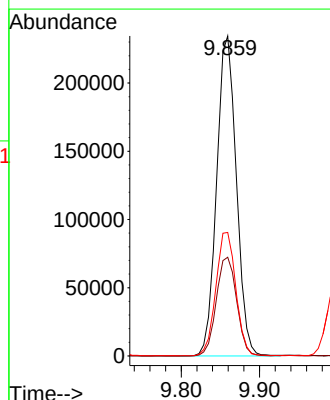
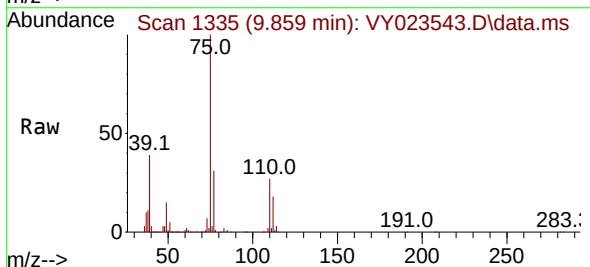
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

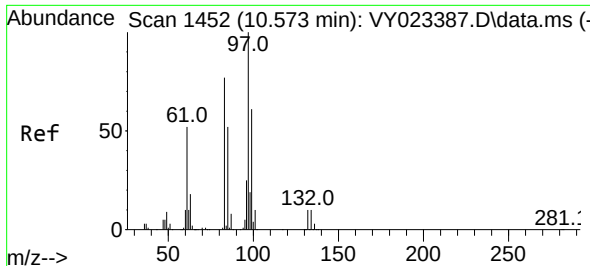
Tgt Ion: 75 Resp: 348965
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 54.701 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023543.D
 Acq: 22 Oct 2025 09:30

Tgt Ion: 75 Resp: 410362
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0
 39 38.6 32.8 49.2



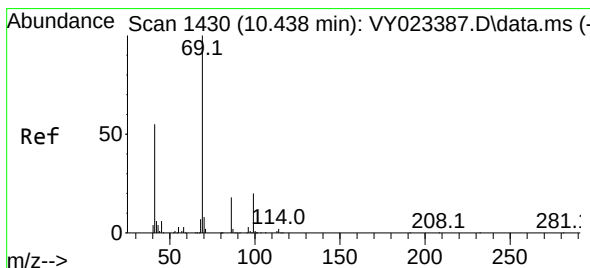
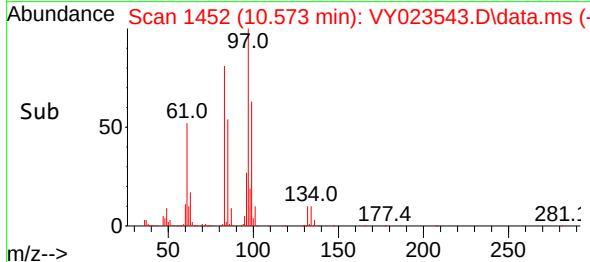
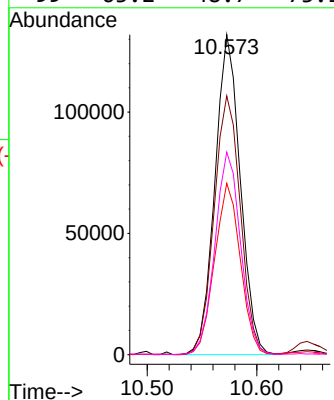
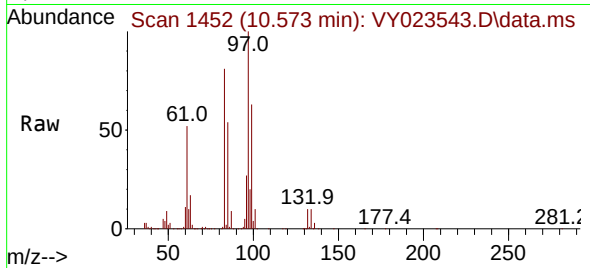


#55
1,1,2-Trichloroethane
Concen: 54.478 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 212638

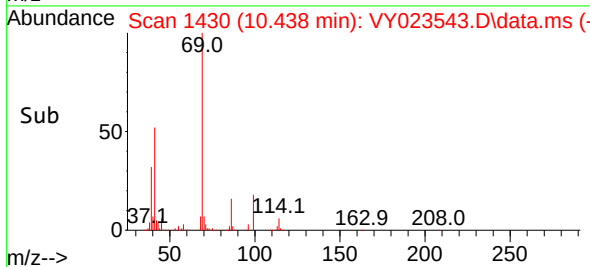
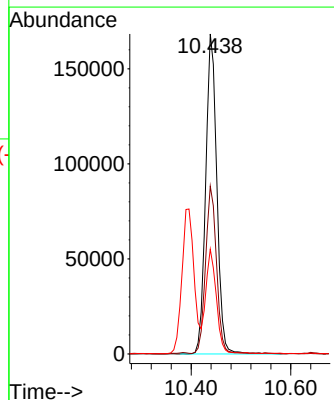
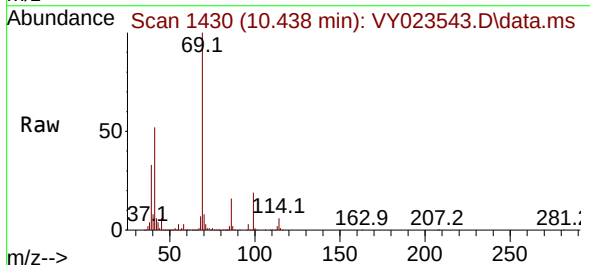
Ion	Ratio	Lower	Upper
97	100		
83	80.8	61.8	92.6
85	53.5	41.3	61.9
99	63.2	48.7	73.1

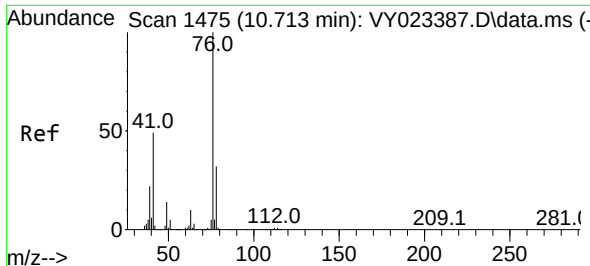


#56
Ethyl methacrylate
Concen: 57.967 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 69 Resp: 260989

Ion	Ratio	Lower	Upper
69	100		
41	51.2	44.6	67.0
39	30.1	27.0	40.4





#57

1,3-Dichloropropane

Concen: 54.594 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

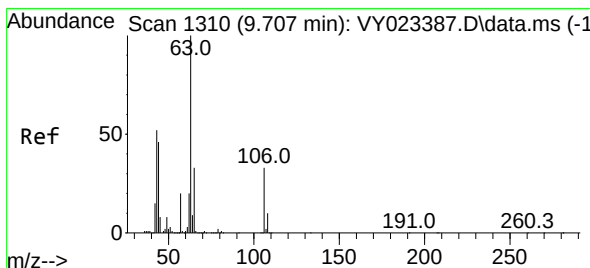
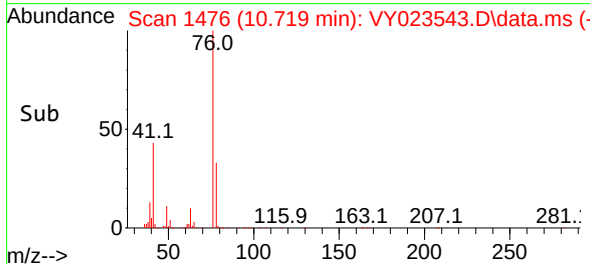
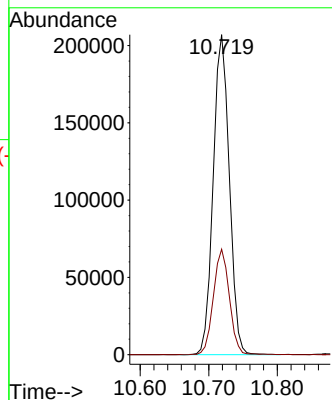
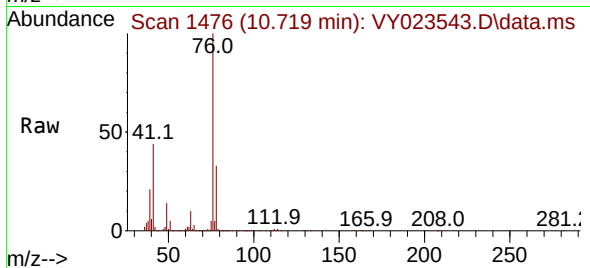
VSTDCCC050

Tgt Ion: 76 Resp: 337668

Ion Ratio Lower Upper

76 100

78 32.7 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 284.845 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023543.D

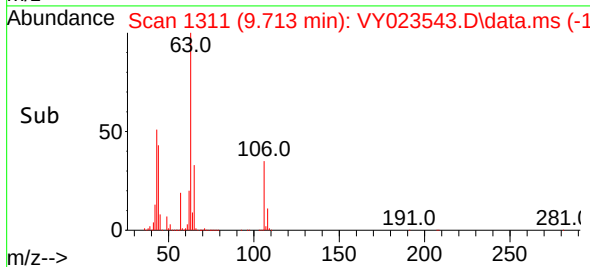
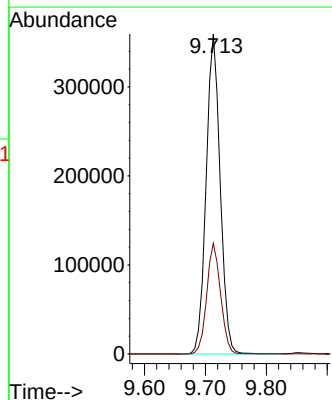
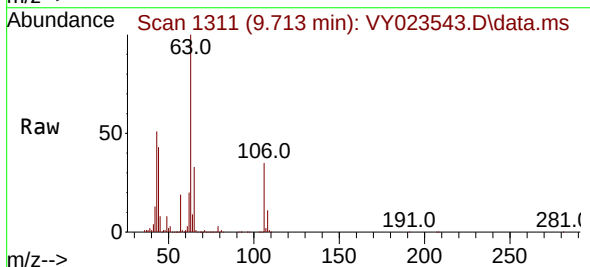
Acq: 22 Oct 2025 09:30

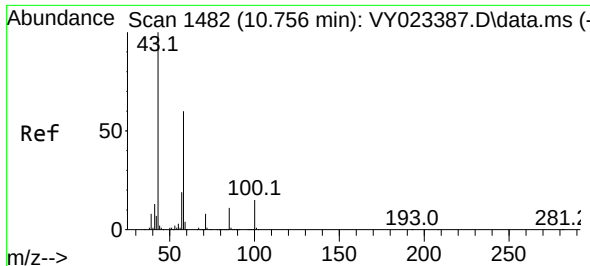
Tgt Ion: 63 Resp: 574517

Ion Ratio Lower Upper

63 100

106 34.1 26.6 39.8

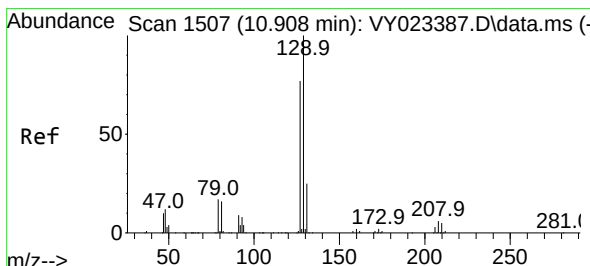
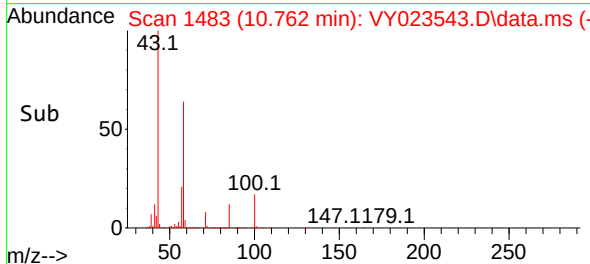
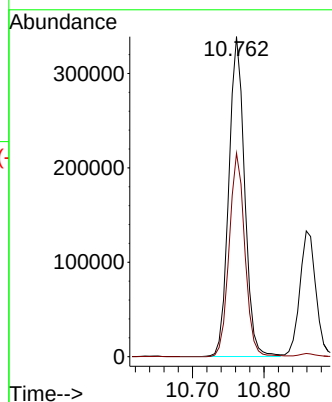
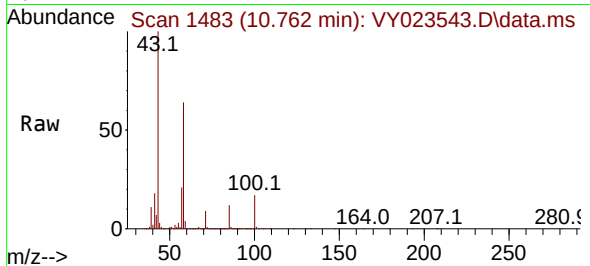




#59
2-Hexanone
Concen: 271.019 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

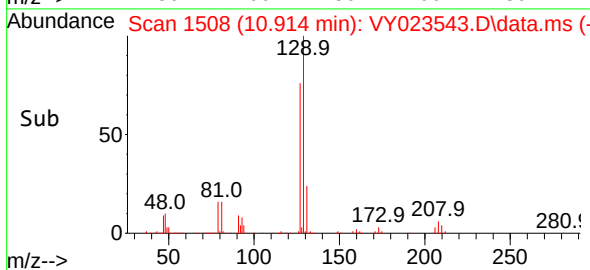
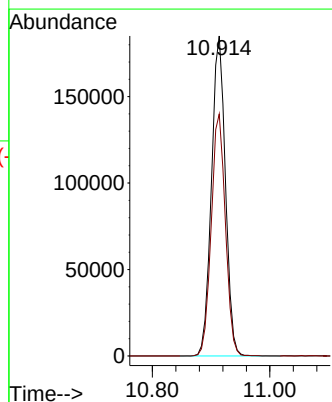
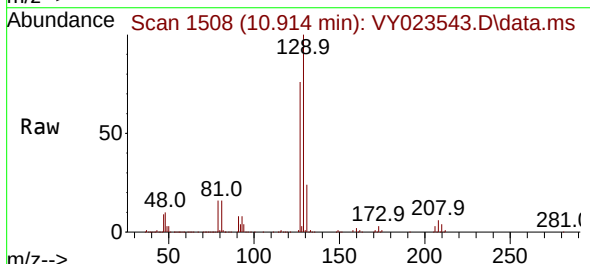
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

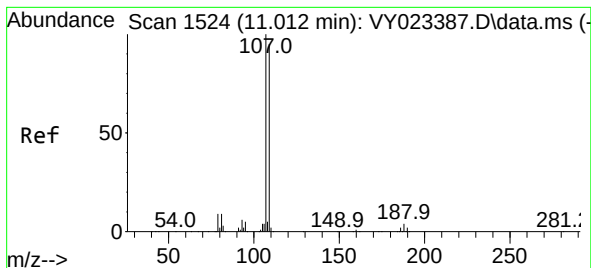
Tgt Ion: 43 Resp: 518755
Ion Ratio Lower Upper
43 100
58 63.3 30.5 91.5



#60
Dibromochloromethane
Concen: 55.647 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 129 Resp: 304516
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.7

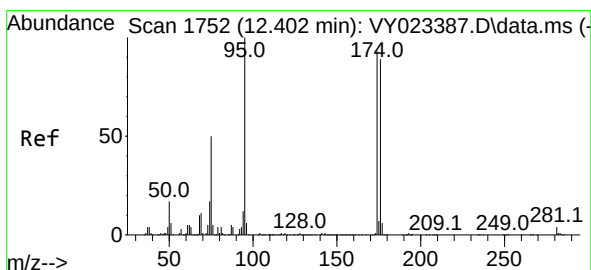
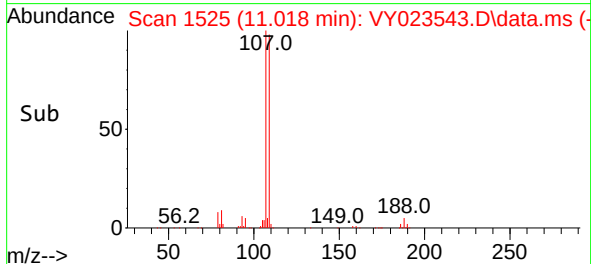
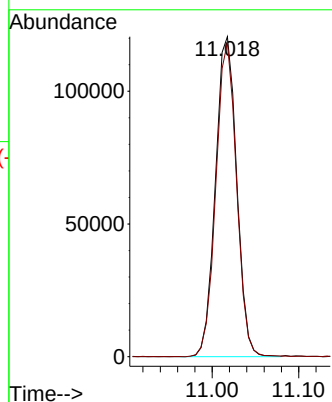
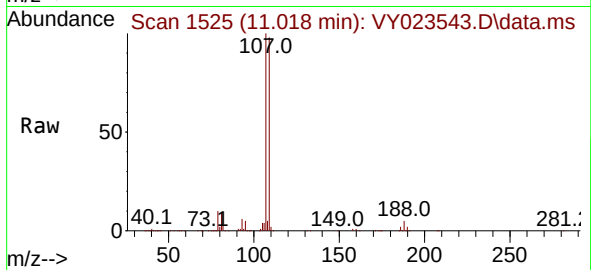




#61
1,2-Dibromoethane
Concen: 55.233 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

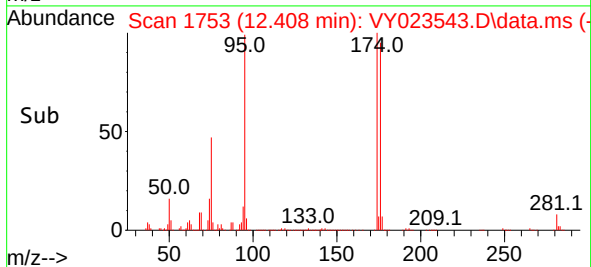
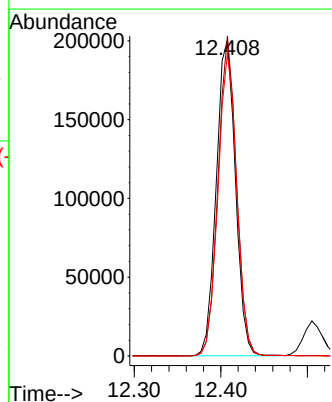
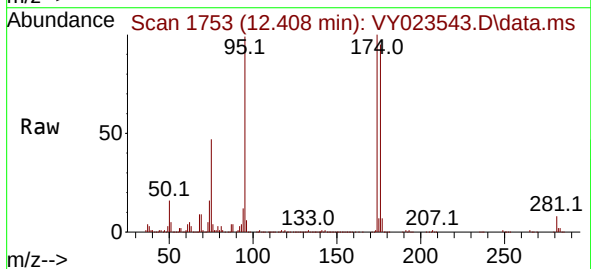
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

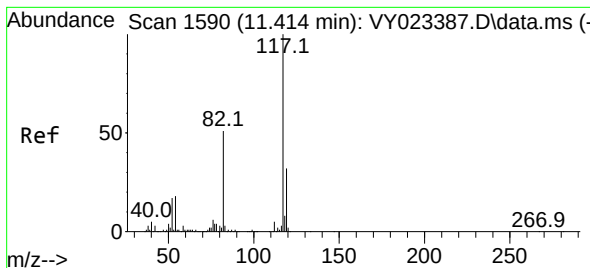
Tgt Ion:107 Resp: 205601
Ion Ratio Lower Upper
107 100
109 95.5 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 50.517 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 95 Resp: 307868
Ion Ratio Lower Upper
95 100
174 97.4 0.0 192.8
176 93.9 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

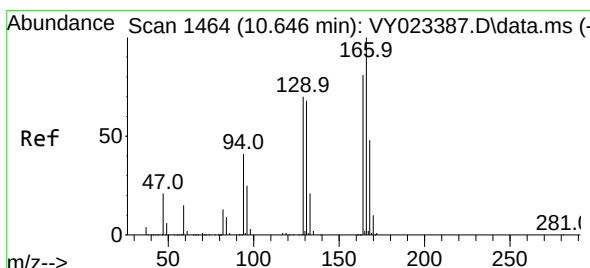
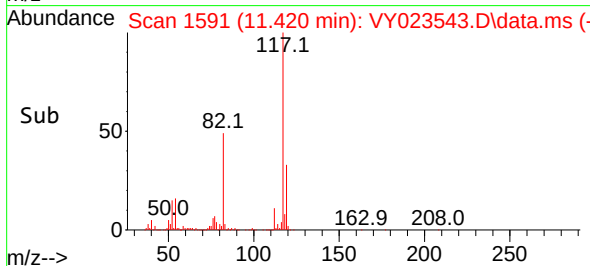
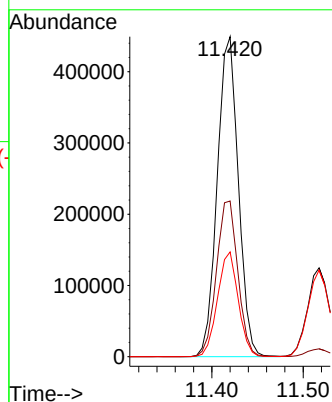
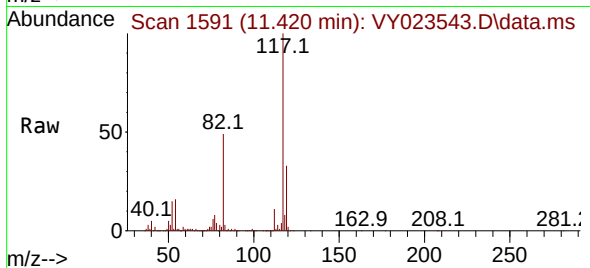
Tgt Ion:117 Resp: 720008

Ion Ratio Lower Upper

117 100

82 48.7 41.0 61.4

119 32.8 25.6 38.4



#64

Tetrachloroethene

Concen: 56.127 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

Tgt Ion:164 Resp: 417270

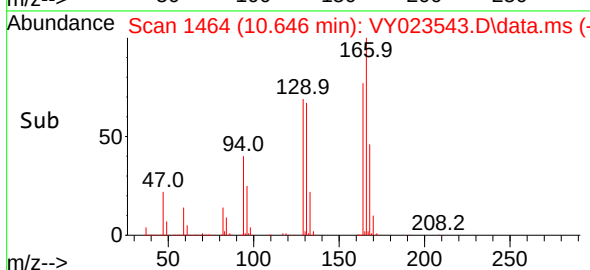
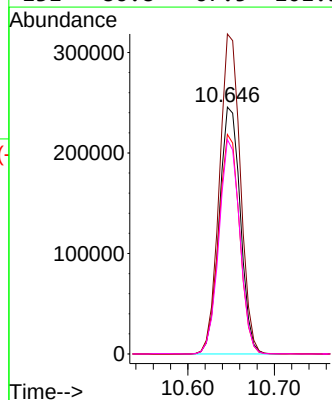
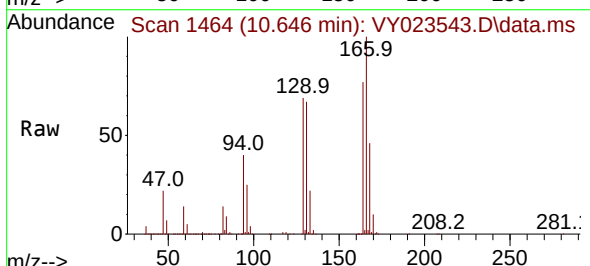
Ion Ratio Lower Upper

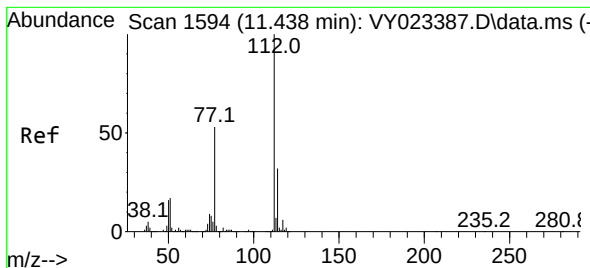
164 100

166 129.6 99.4 149.0

129 89.0 69.4 104.2

131 86.8 67.5 101.3





#65

Chlorobenzene

Concen: 53.721 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

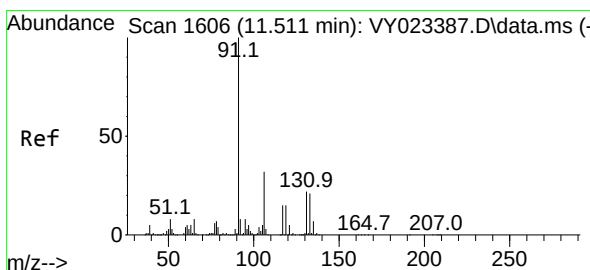
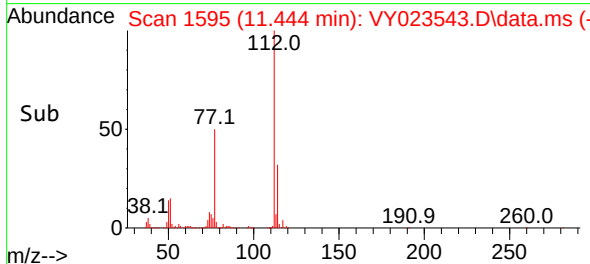
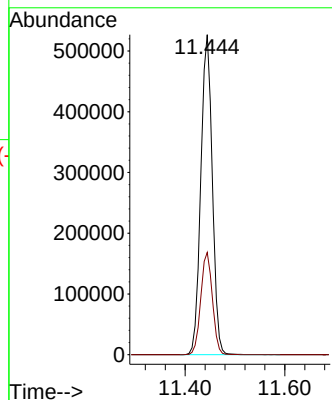
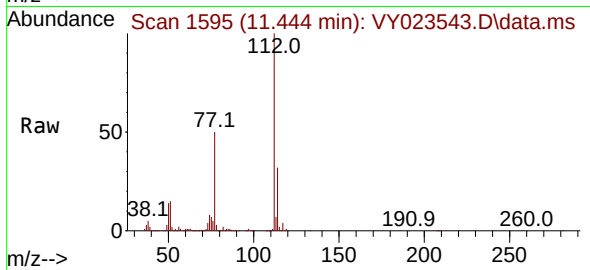
VSTDCCC050

Tgt Ion:112 Resp: 841259

Ion Ratio Lower Upper

112 100

114 32.0 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 54.255 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

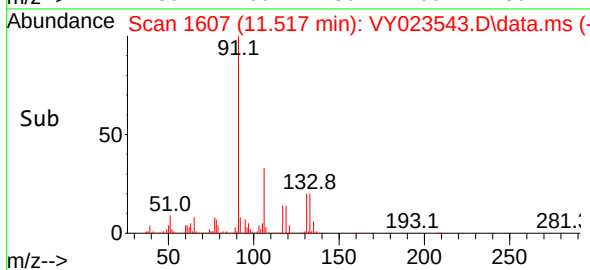
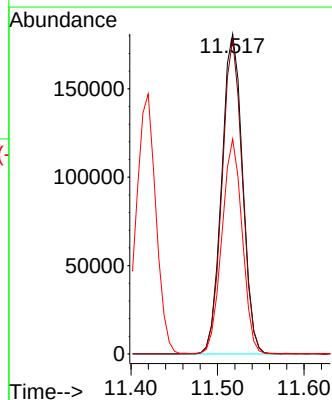
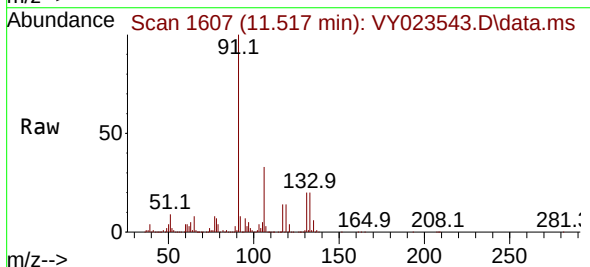
Tgt Ion:131 Resp: 302769

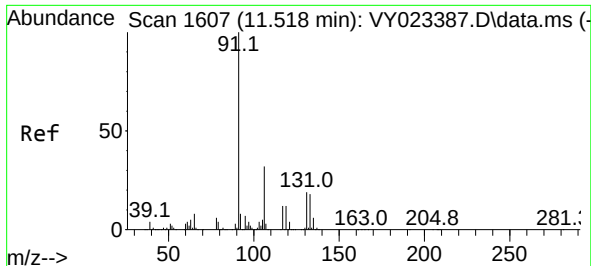
Ion Ratio Lower Upper

131 100

133 95.7 48.4 145.2

119 65.3 32.4 97.2

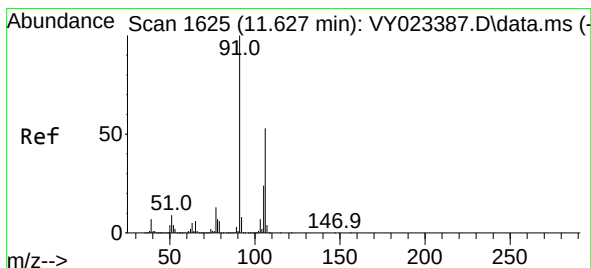
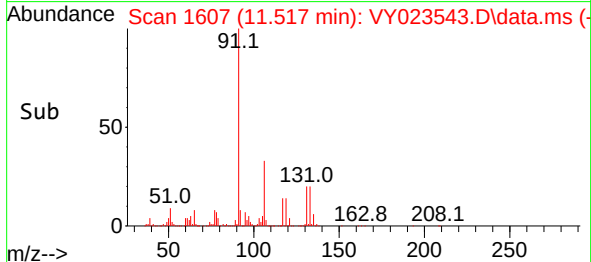
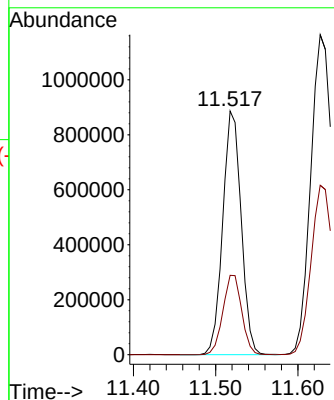
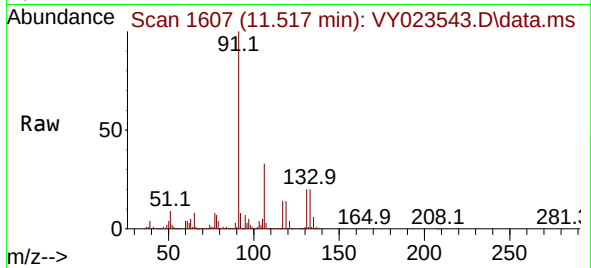




#67
Ethyl Benzene
Concen: 54.584 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

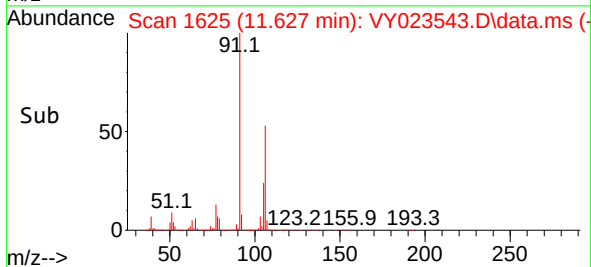
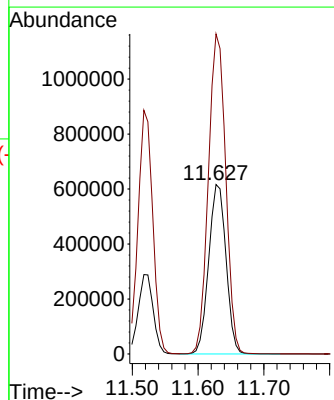
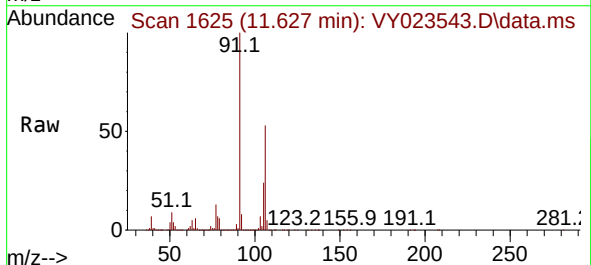
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

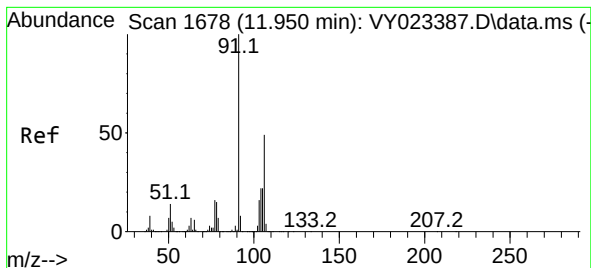
Tgt Ion: 91 Resp: 1383613
Ion Ratio Lower Upper
91 100
106 32.6 25.8 38.8



#68
m/p-Xylenes
Concen: 110.980 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion:106 Resp: 1128353
Ion Ratio Lower Upper
106 100
91 189.3 152.6 229.0





#69

o-Xylene

Concen: 55.814 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

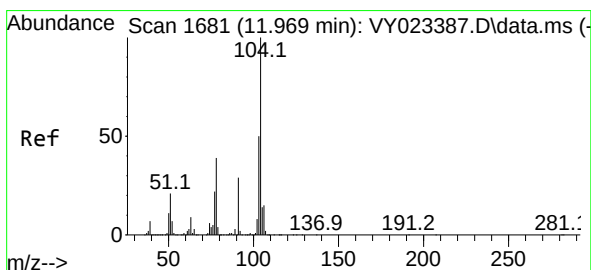
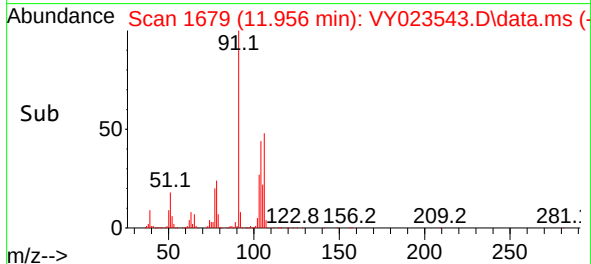
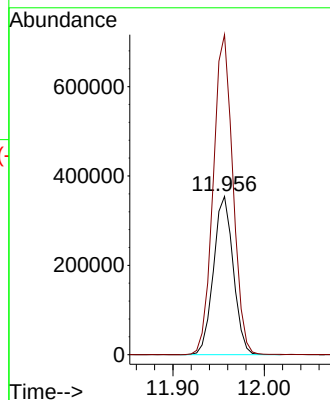
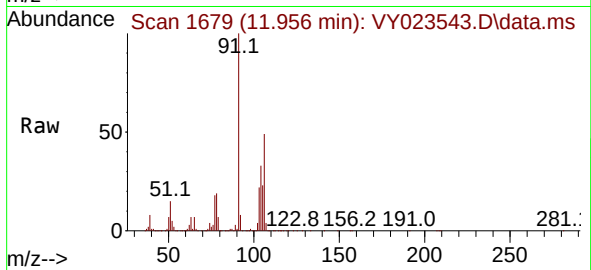
VSTDCCC050

Tgt Ion:106 Resp: 532269

Ion Ratio Lower Upper

106 100

91 201.1 101.4 304.1



#70

Styrene

Concen: 56.380 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

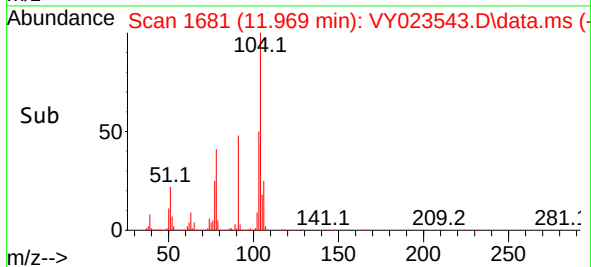
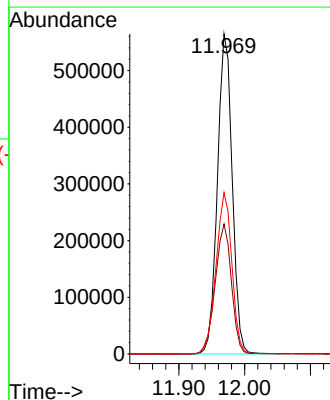
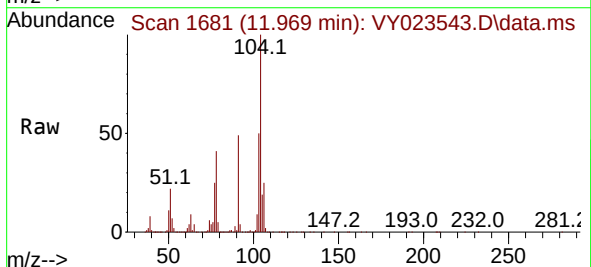
Tgt Ion:104 Resp: 884177

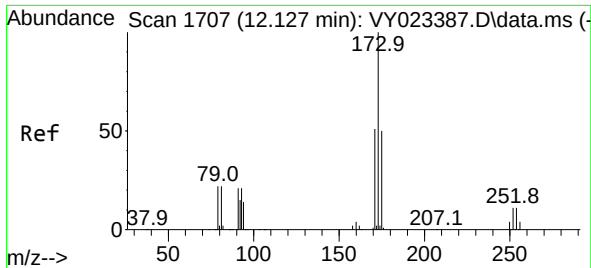
Ion Ratio Lower Upper

104 100

78 44.6 36.1 54.1

103 54.2 43.2 64.8

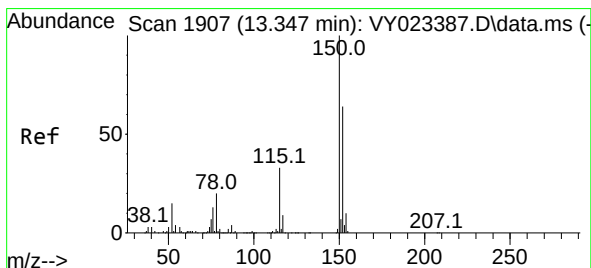
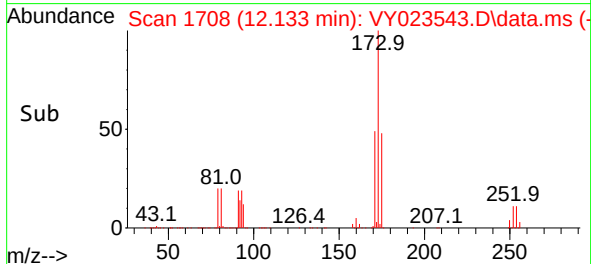
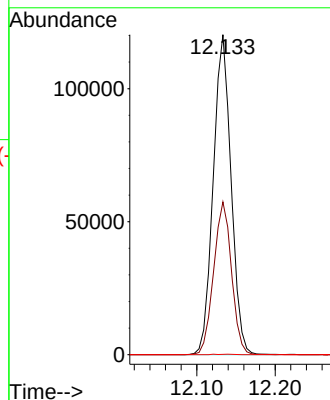
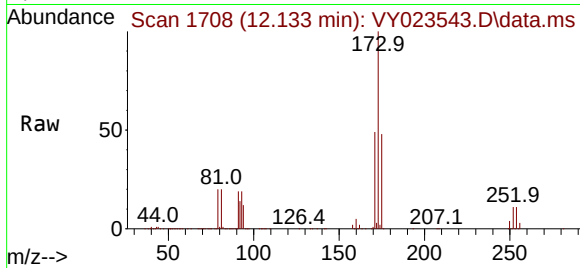




#71
Bromoform
Concen: 54.947 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

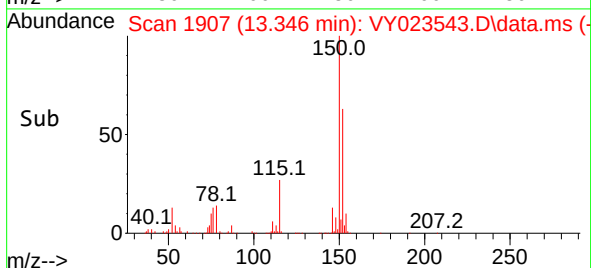
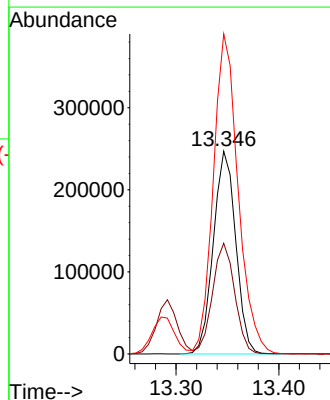
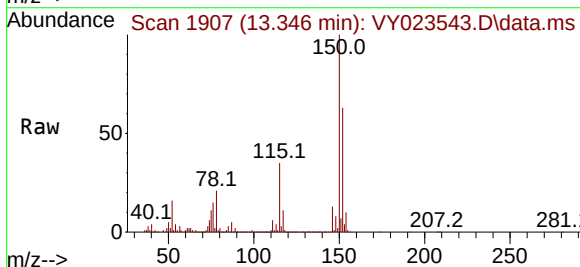
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

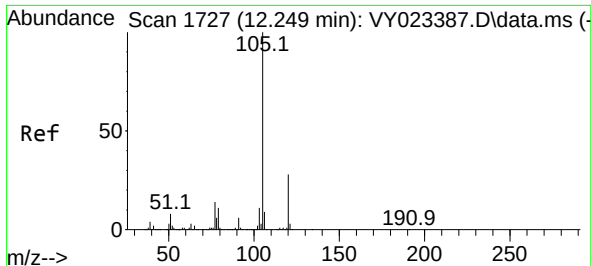
Tgt Ion:173 Resp: 190201
Ion Ratio Lower Upper
173 100
175 47.9 24.8 74.3
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion:152 Resp: 373234
Ion Ratio Lower Upper
152 100
115 54.1 27.1 81.2
150 174.4 0.0 347.4

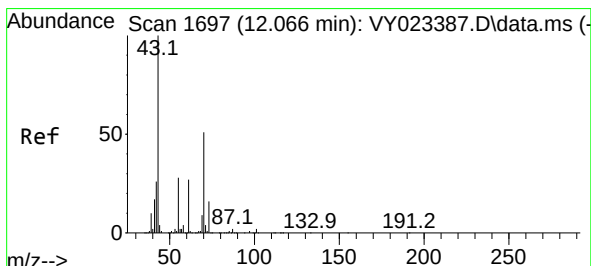
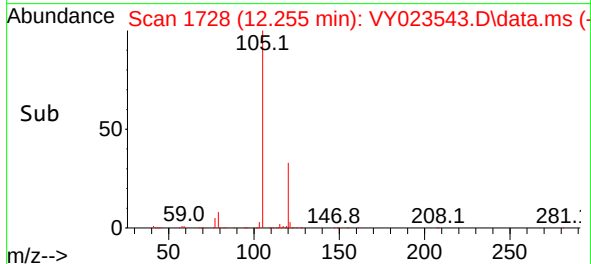
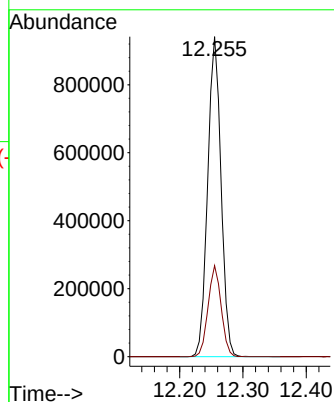
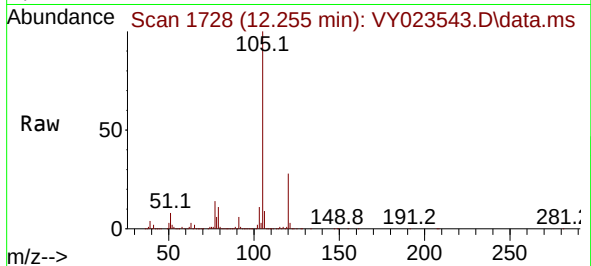




#73
Isopropylbenzene
Concen: 56.129 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

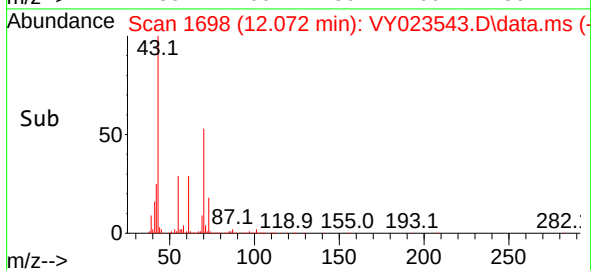
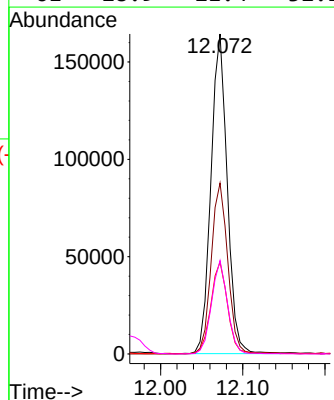
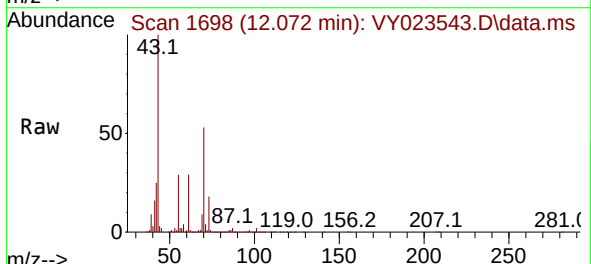
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

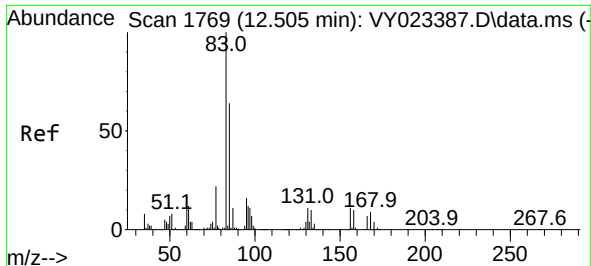
Tgt Ion:105 Resp: 1380580
Ion Ratio Lower Upper
105 100
120 28.0 13.9 41.7



#74
N-ethyl acetate
Concen: 51.252 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 43 Resp: 226427
Ion Ratio Lower Upper
43 100
70 54.6 41.1 61.7
55 29.0 23.0 34.6
61 28.9 21.4 32.2

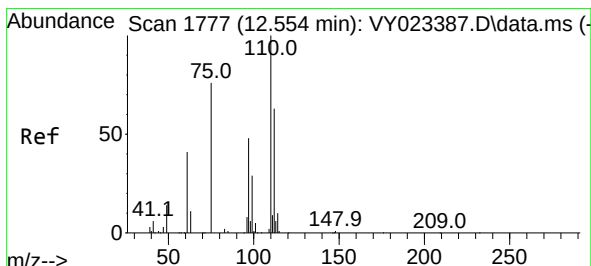
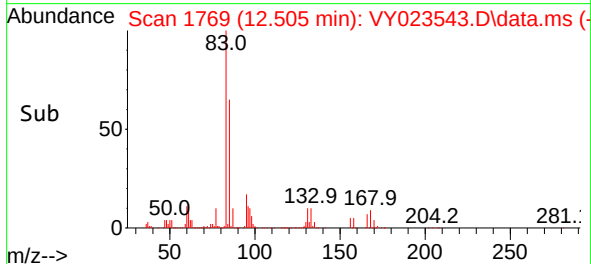
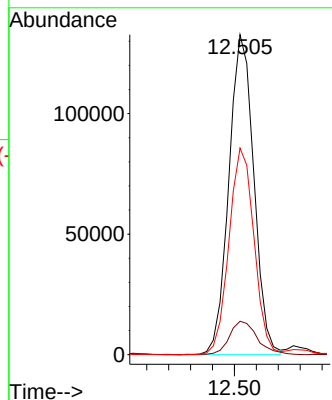
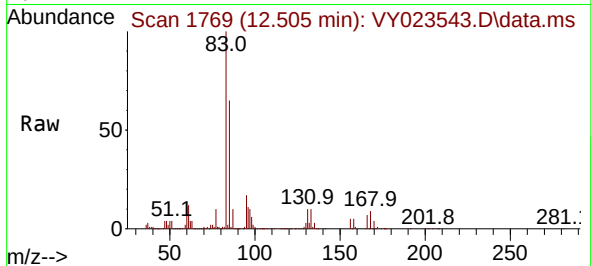




#75
1,1,2,2-Tetrachloroethane
Concen: 52.112 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

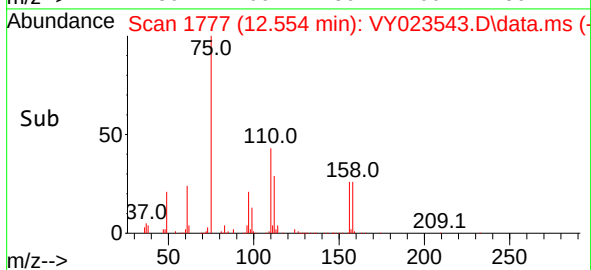
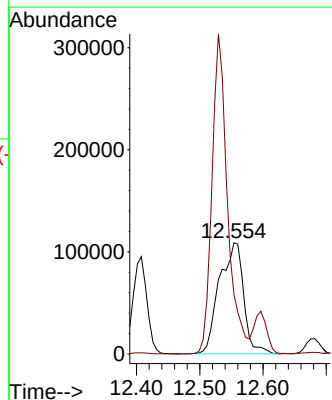
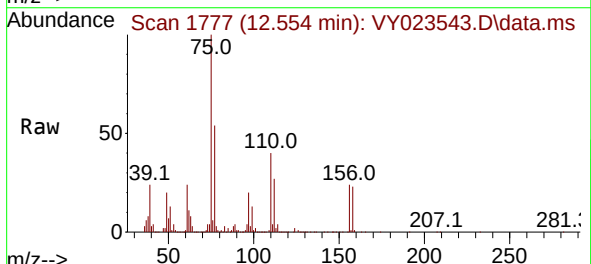
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

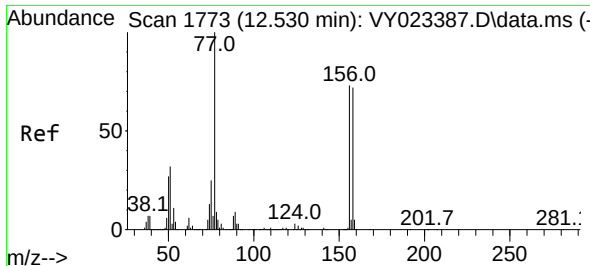
Tgt Ion: 83 Resp: 209645
Ion Ratio Lower Upper
83 100
131 11.7 5.9 17.6
85 64.8 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 88.226 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 75 Resp: 290521
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

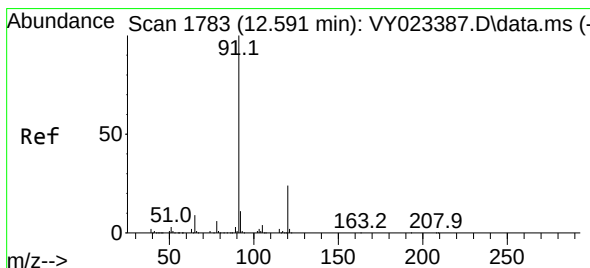
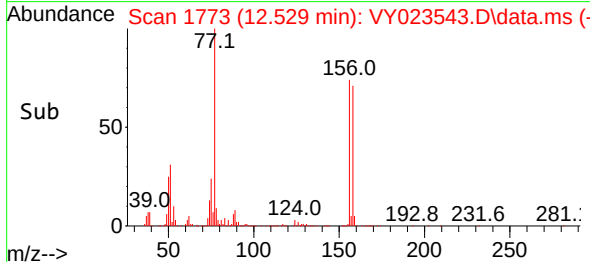
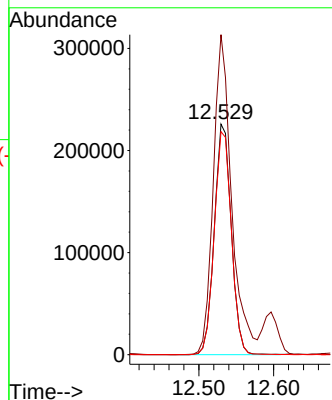
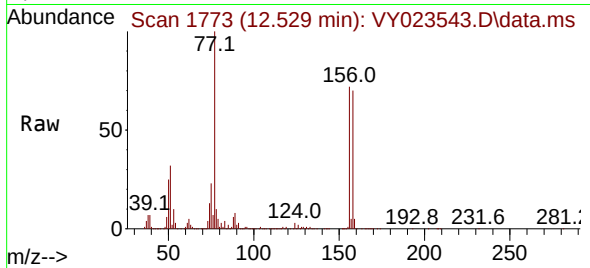




#77
Bromobenzene
Concen: 54.338 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

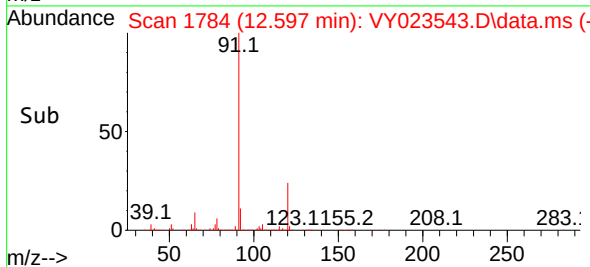
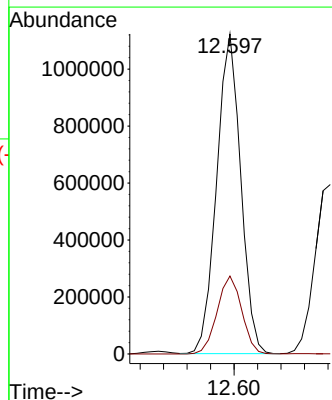
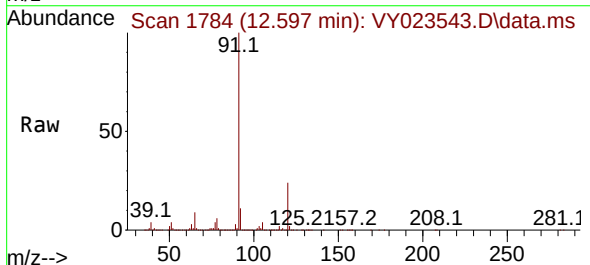
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

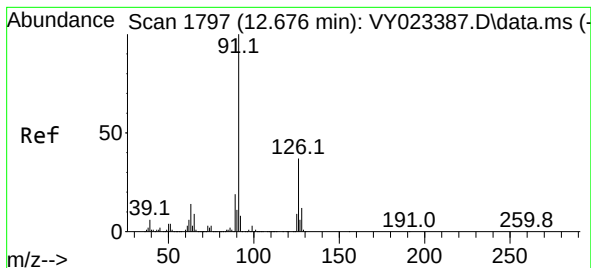
Tgt Ion:156 Resp: 355320
Ion Ratio Lower Upper
156 100
77 150.7 76.8 230.5
158 98.3 49.0 147.2



#78
n-propylbenzene
Concen: 56.123 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 91 Resp: 1597439
Ion Ratio Lower Upper
91 100
120 24.8 12.3 36.8





#79

2-Chlorotoluene

Concen: 54.637 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

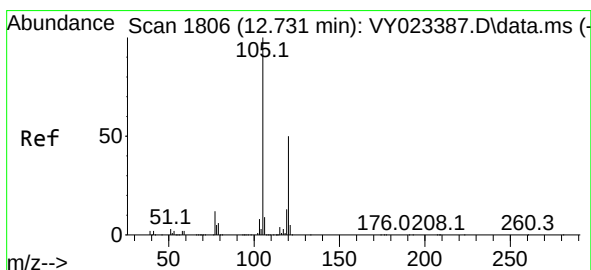
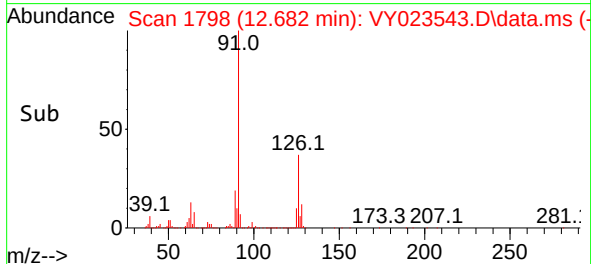
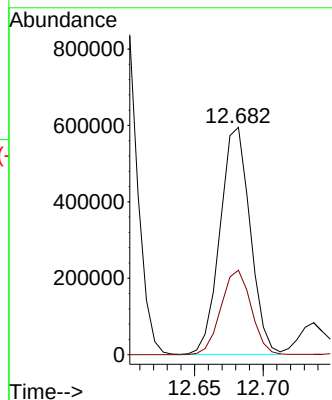
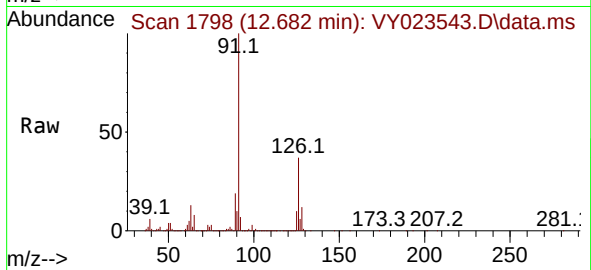
VSTDCCC050

Tgt Ion: 91 Resp: 910692

Ion Ratio Lower Upper

91 100

126 37.3 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 56.518 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY023543.D

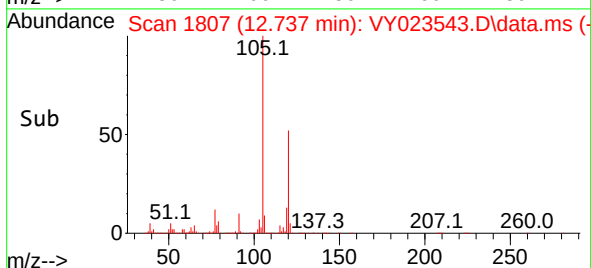
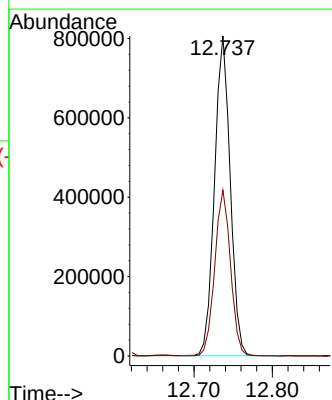
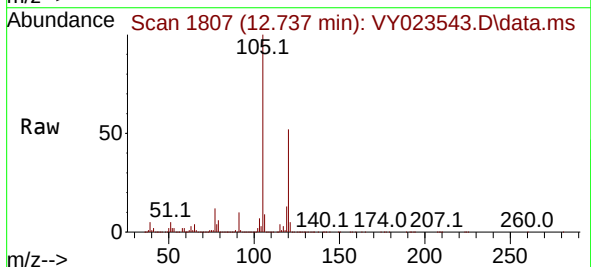
Acq: 22 Oct 2025 09:30

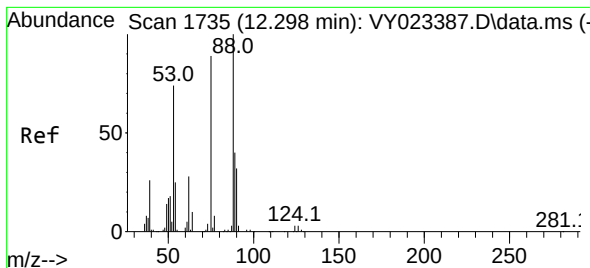
Tgt Ion: 105 Resp: 1123341

Ion Ratio Lower Upper

105 100

120 52.0 25.4 76.4

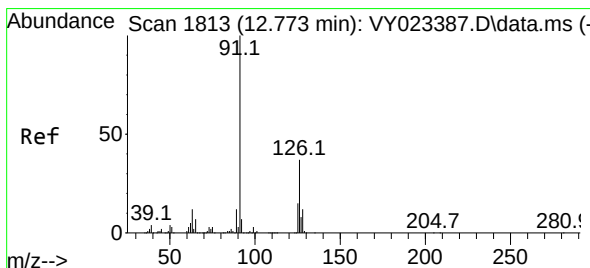
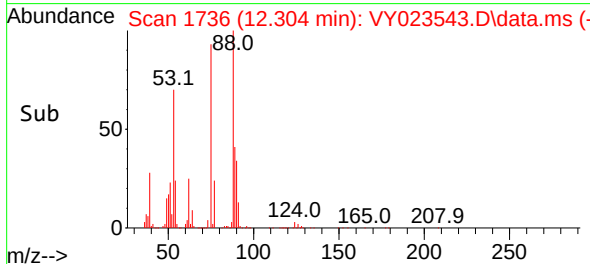
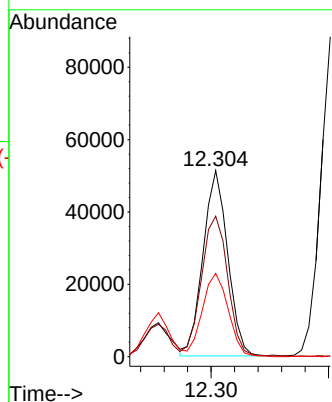
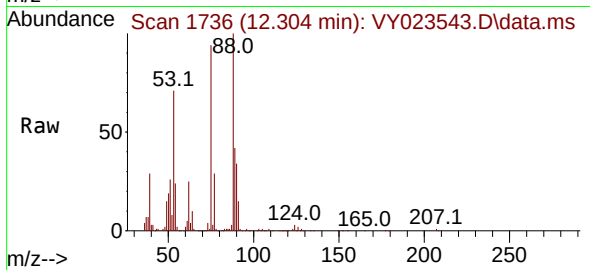




#81
trans-1,4-Dichloro-2-butene
Concen: 55.547 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

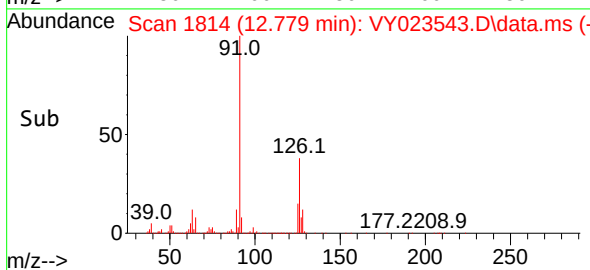
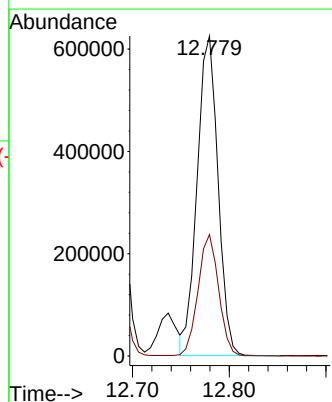
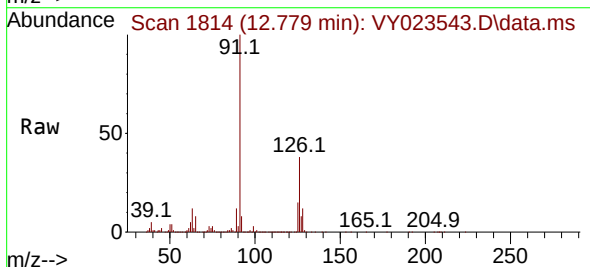
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

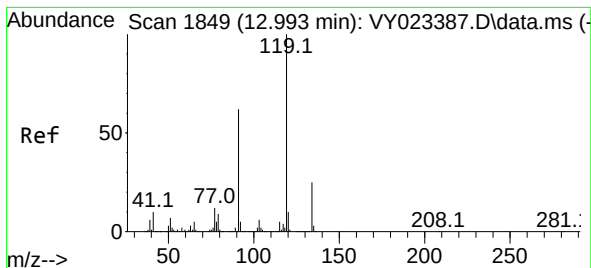
Tgt Ion: 75 Resp: 74591
Ion Ratio Lower Upper
75 100
53 80.3 68.6 102.8
89 47.0 39.0 58.4



#82
4-Chlorotoluene
Concen: 54.609 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 91 Resp: 937415
Ion Ratio Lower Upper
91 100
126 37.7 18.4 55.4





#83

tert-Butylbenzene

Concen: 56.518 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

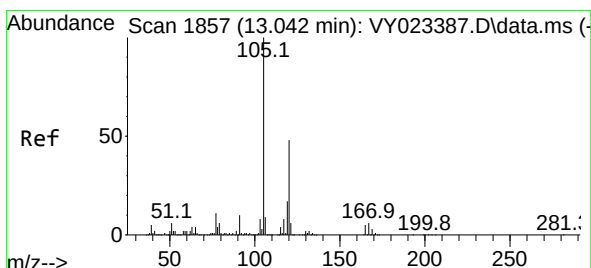
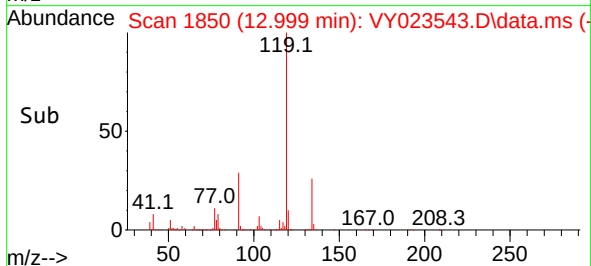
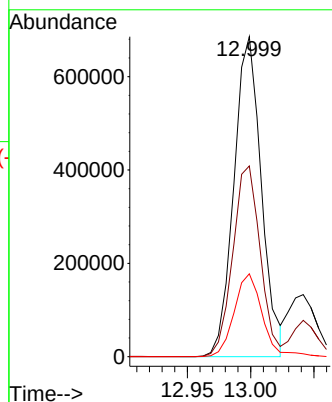
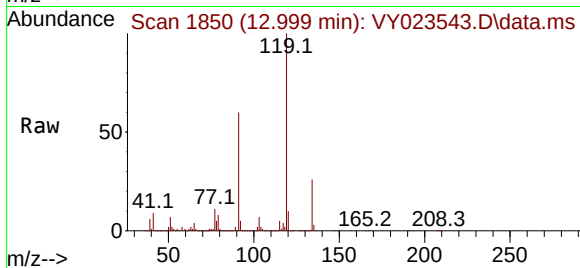
Tgt Ion:119 Resp: 1037184

Ion Ratio Lower Upper

119 100

91 59.6 29.9 89.8

134 26.5 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 56.397 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023543.D

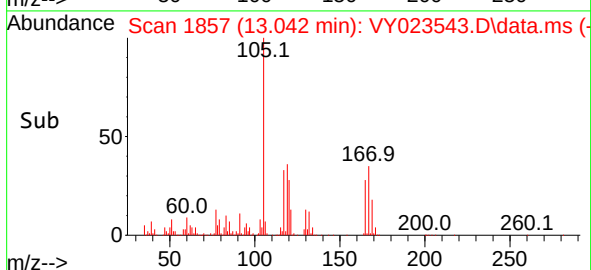
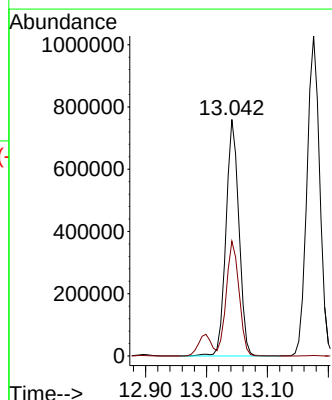
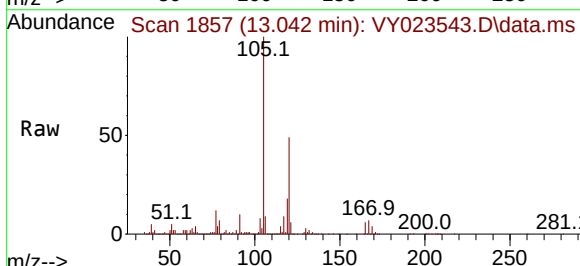
Acq: 22 Oct 2025 09:30

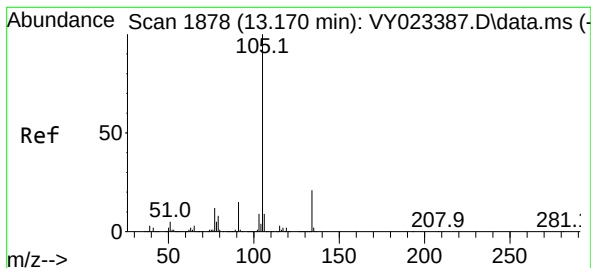
Tgt Ion:105 Resp: 1118689

Ion Ratio Lower Upper

105 100

120 47.9 23.8 71.2





#85

sec-Butylbenzene

Concen: 56.506 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

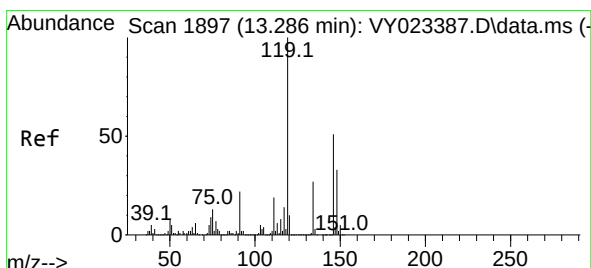
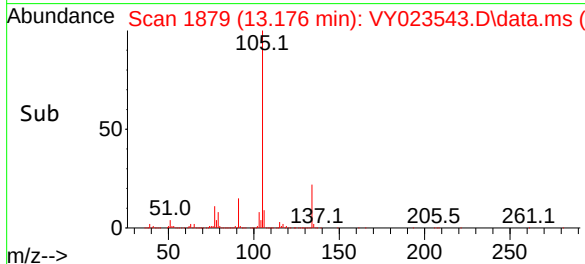
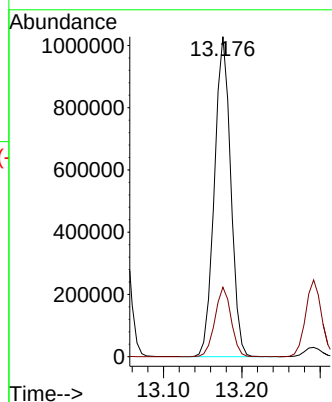
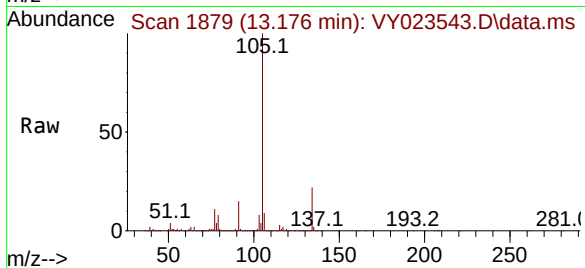
VSTDCCC050

Tgt Ion:105 Resp: 1487514

Ion Ratio Lower Upper

105 100

134 21.6 10.7 32.1



#86

p-Isopropyltoluene

Concen: 57.215 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

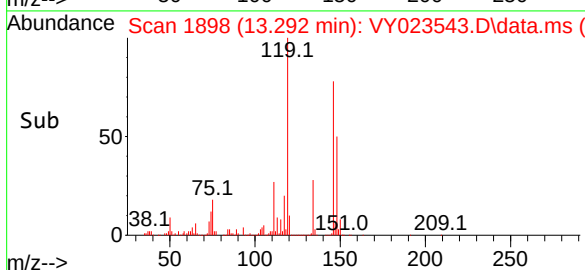
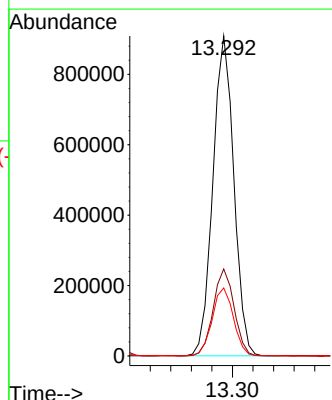
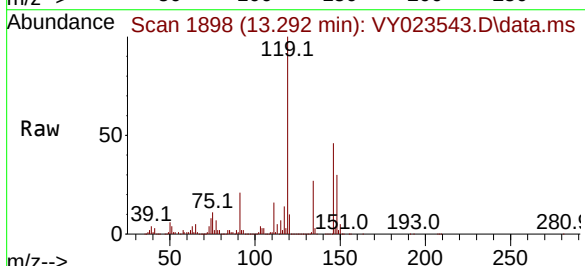
Tgt Ion:119 Resp: 1282400

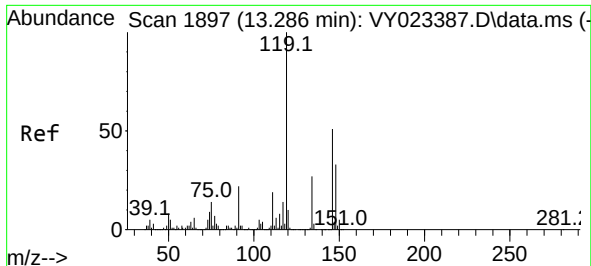
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 21.6 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 54.089 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

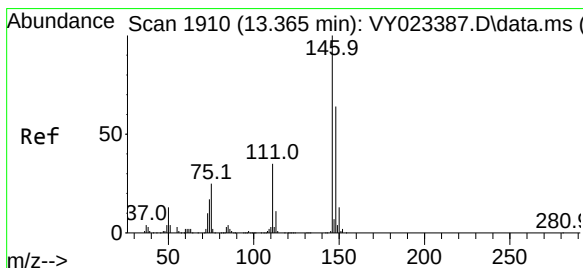
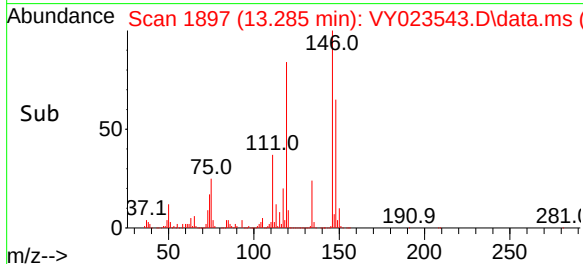
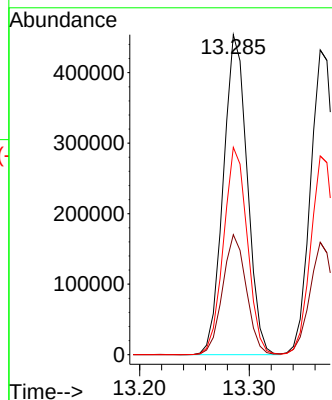
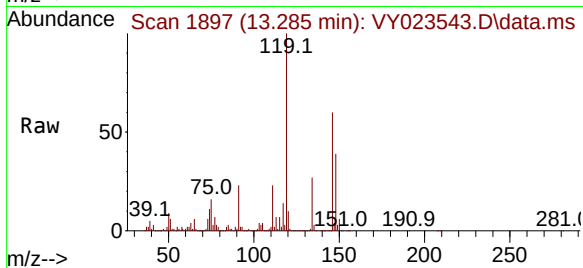
Tgt Ion:146 Resp: 688741

Ion Ratio Lower Upper

146 100

111 37.0 18.7 56.1

148 64.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 53.362 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

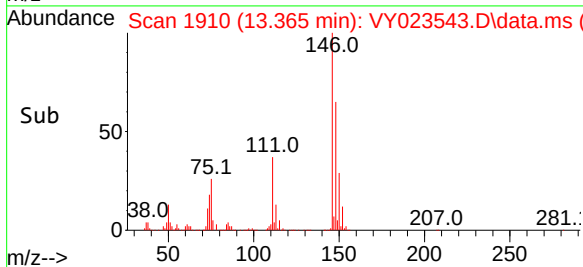
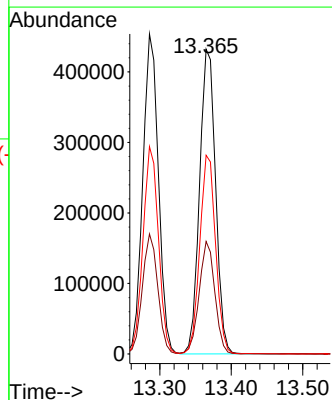
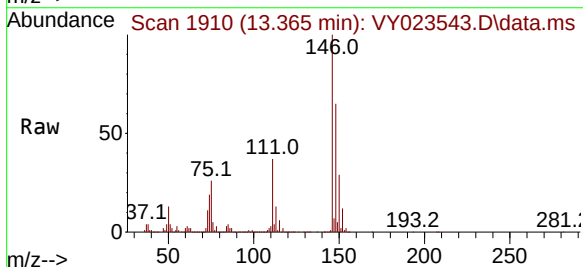
Tgt Ion:146 Resp: 671095

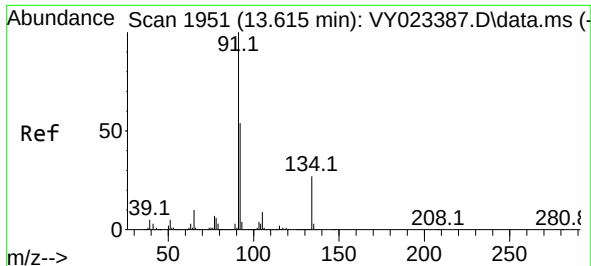
Ion Ratio Lower Upper

146 100

111 36.1 18.0 54.0

148 64.6 31.9 95.7

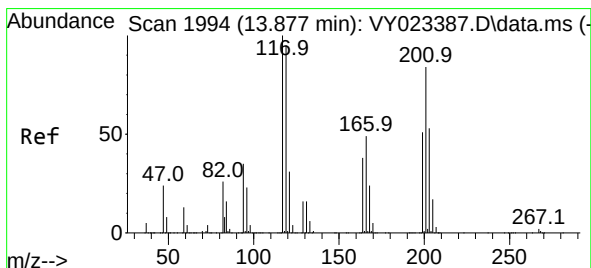
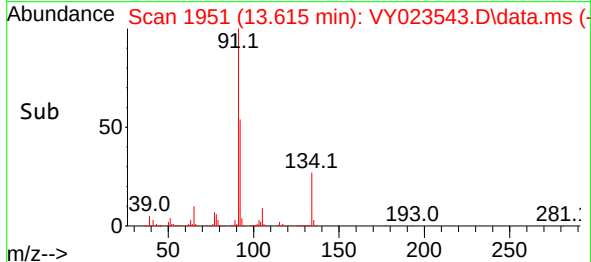
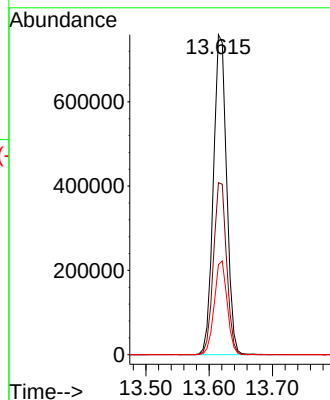
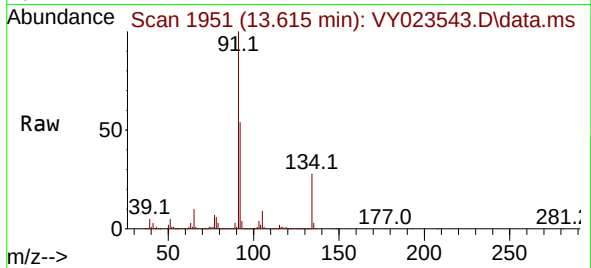




#89
n-Butylbenzene
Concen: 56.385 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

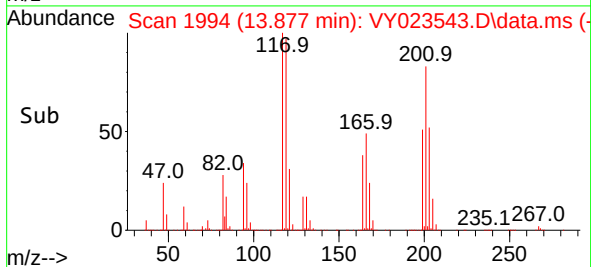
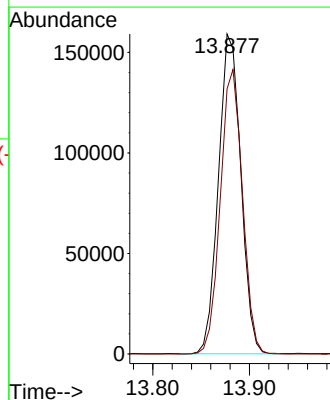
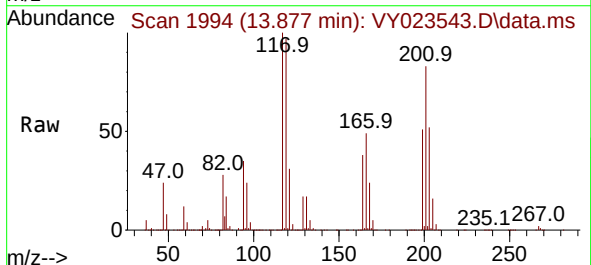
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

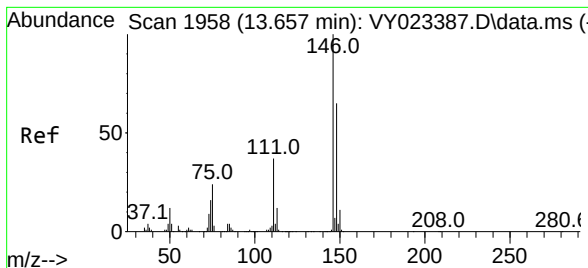
Tgt Ion: 91 Resp: 1101186
Ion Ratio Lower Upper
91 100
92 53.7 27.0 80.8
134 28.7 14.1 42.2



#90
Hexachloroethane
Concen: 52.984 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023543.D
Acq: 22 Oct 2025 09:30

Tgt Ion: 117 Resp: 255425
Ion Ratio Lower Upper
117 100
201 87.8 43.8 131.4





#91

1,2-Dichlorobenzene

Concen: 54.613 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

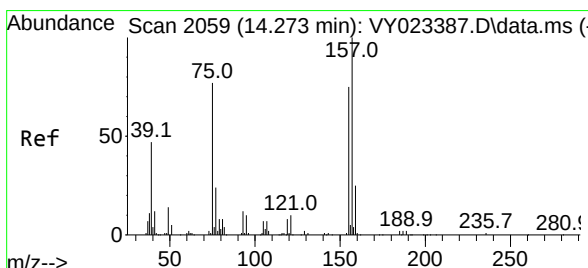
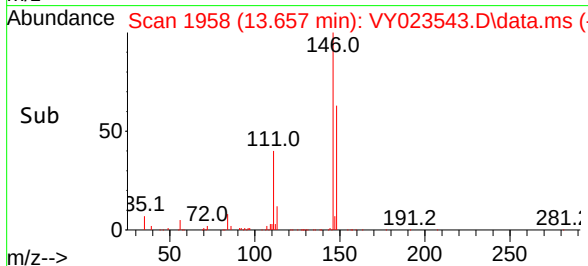
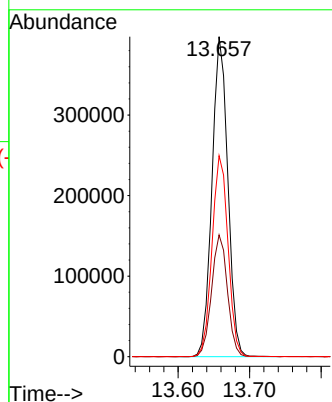
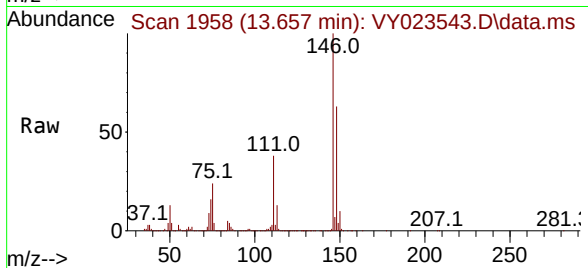
Tgt Ion:146 Resp: 609689

Ion Ratio Lower Upper

146 100

111 38.0 19.0 57.0

148 63.6 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.910 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

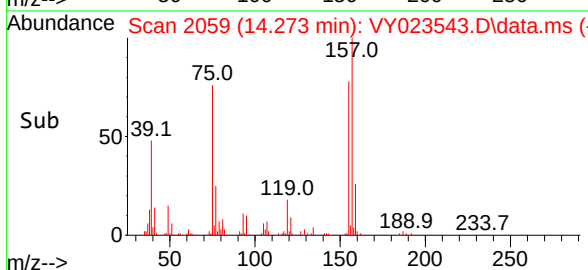
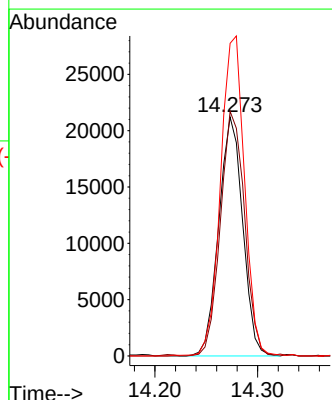
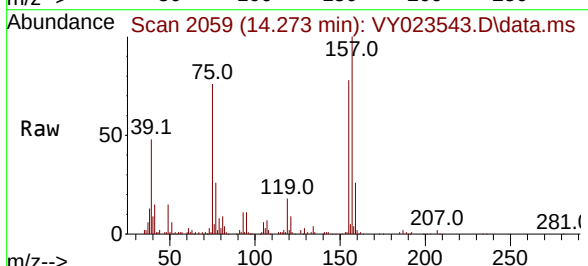
Tgt Ion: 75 Resp: 34265

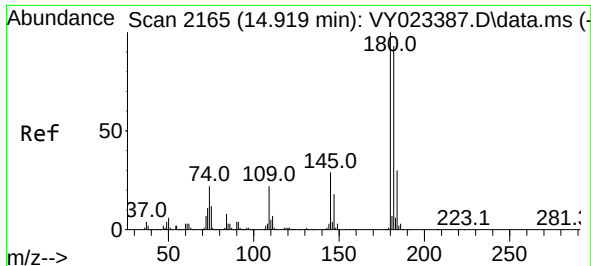
Ion Ratio Lower Upper

75 100

155 103.1 50.0 150.0

157 134.1 63.8 191.5

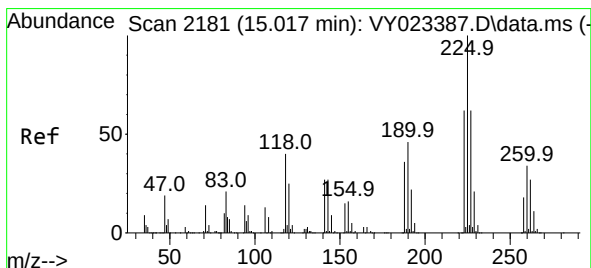
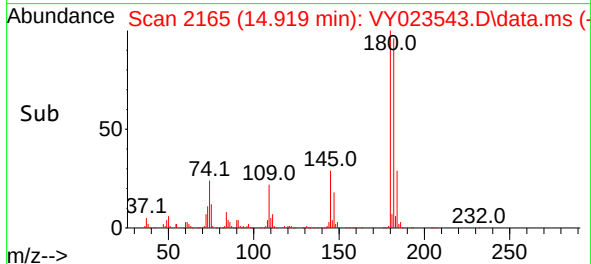
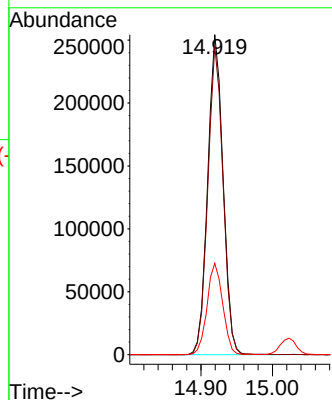
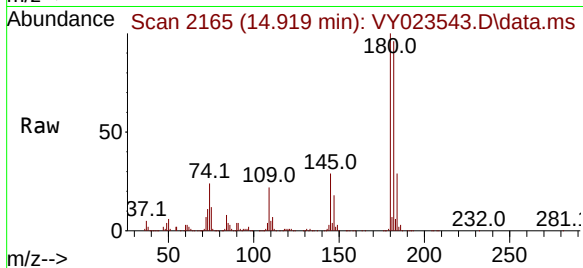




#93
 1,2,4-Trichlorobenzene
 Concen: 54.674 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY023543.D
 Acq: 22 Oct 2025 09:30

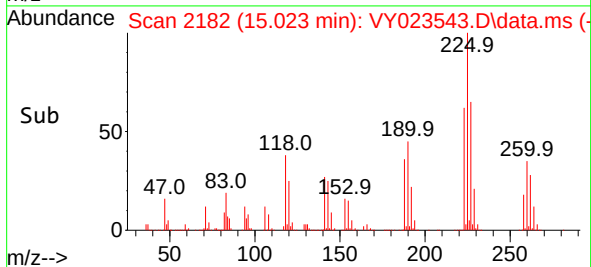
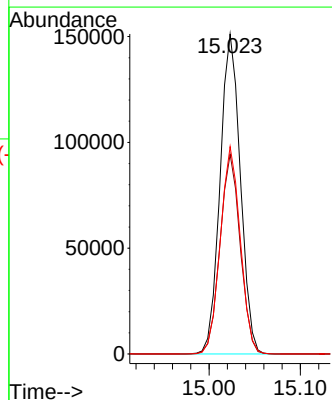
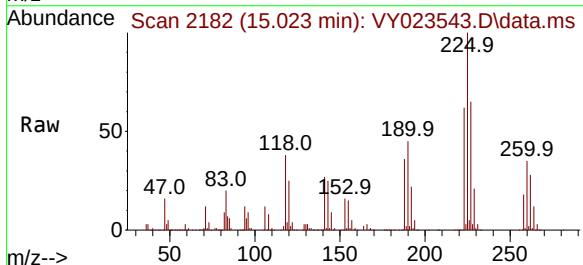
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

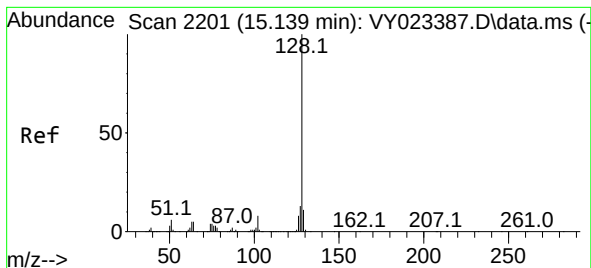
Tgt Ion:180 Resp: 380515
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.9 143.6
 145 29.1 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 53.717 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.006 min
 Lab File: VY023543.D
 Acq: 22 Oct 2025 09:30

Tgt Ion:225 Resp: 233049
 Ion Ratio Lower Upper
 225 100
 223 62.2 30.8 92.3
 227 63.9 31.9 95.7





#95

Naphthalene

Concen: 57.452 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

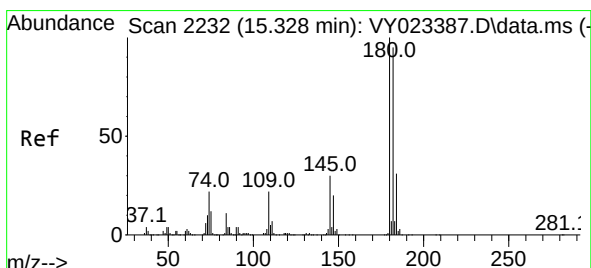
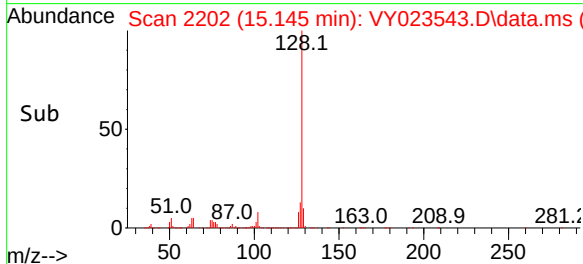
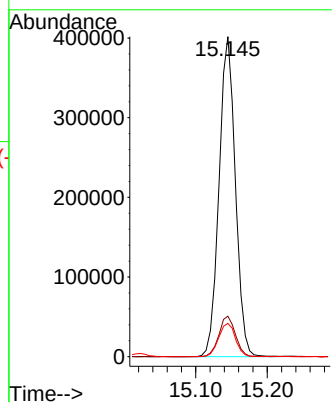
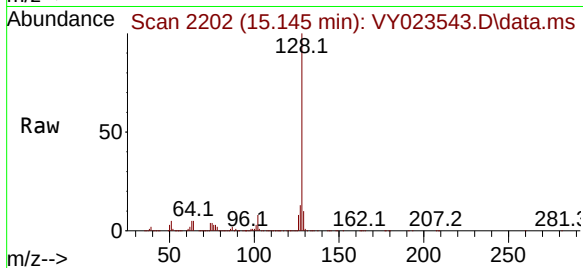
Tgt Ion:128 Resp: 636726

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 54.237 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023543.D

Acq: 22 Oct 2025 09:30

Tgt Ion:180 Resp: 326959

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.8

145 30.8 15.3 45.9

