

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090325\
 Data File : VY023269.D
 Acq On : 03 Sep 2025 09:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 04 01:13:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	481760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	725179	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.420	117	645990	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	337743	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	205938	44.852	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.700%
35) Dibromofluoromethane	7.640	113	220542	50.825	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.660%
50) Toluene-d8	10.109	98	839595	49.529	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.408	95	273115	50.098	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	163272	41.520	ug/l	97
3) Chloromethane	2.074	50	276392	43.395	ug/l	100
4) Vinyl Chloride	2.208	62	350678	44.541	ug/l	100
5) Bromomethane	2.598	94	276926	47.097	ug/l	97
6) Chloroethane	2.739	64	246156	47.027	ug/l	99
7) Trichlorofluoromethane	3.062	101	449525	46.955	ug/l	99
8) Diethyl Ether	3.464	74	125166	49.418	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	243023	51.455	ug/l	97
10) Methyl Iodide	4.013	142	287844	56.478	ug/l	100
11) Tert butyl alcohol	4.860	59	91744	291.616	ug/l	99
12) 1,1-Dichloroethene	3.793	96	233570	50.312	ug/l	92
13) Acrolein	3.659	56	18920	41.064	ug/l	99
14) Allyl chloride	4.391	41	306946	44.934	ug/l	98
15) Acrylonitrile	5.067	53	254121	246.787	ug/l	99
16) Acetone	3.872	43	274048	275.501	ug/l	99
17) Carbon Disulfide	4.110	76	676006	44.658	ug/l	99
18) Methyl Acetate	4.391	43	144079	48.673	ug/l	95
19) Methyl tert-butyl Ether	5.122	73	604492	50.249	ug/l	100
20) Methylene Chloride	4.622	84	275419	53.473	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	266987	51.175	ug/l	94
22) Diisopropyl ether	6.025	45	708974	47.762	ug/l	95
23) Vinyl Acetate	5.964	43	1946500	237.148	ug/l	98
24) 1,1-Dichloroethane	5.921	63	453584	49.979	ug/l	98
25) 2-Butanone	6.896	43	335166	247.745	ug/l	96
26) 2,2-Dichloropropane	6.890	77	410547	52.426	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	314964	52.221	ug/l	95
28) Bromochloromethane	7.250	49	164510	45.690	ug/l	91
29) Tetrahydrofuran	7.268	42	198085	236.214	ug/l	96
30) Chloroform	7.427	83	486865	52.017	ug/l	98
31) Cyclohexane	7.707	56	372535	43.560	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	433960	52.253	ug/l	99
36) 1,1-Dichloropropene	7.841	75	335741	52.063	ug/l	98
37) Ethyl Acetate	6.988	43	137609	50.799	ug/l	98
38) Carbon Tetrachloride	7.823	117	393444	56.173	ug/l	99
39) Methylcyclohexane	9.109	83	437717	51.544	ug/l	97
40) Benzene	8.085	78	1054060	53.032	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	72709	46.508	ug/l	90
42) 1,2-Dichloroethane	8.164	62	266428	51.540	ug/l	99
43) Isopropyl Acetate	8.201	43	269887	49.293	ug/l #	83
44) Trichloroethene	8.872	130	294669	57.369	ug/l	95
45) 1,2-Dichloropropane	9.140	63	242950	53.124	ug/l	98
46) Dibromomethane	9.231	93	144094	54.895	ug/l	96
47) Bromodichloromethane	9.426	83	371725	55.036	ug/l	97
48) Methyl methacrylate	9.225	41	127928	48.828	ug/l	93
49) 1,4-Dioxane	9.237	88	32251	1047.868	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	725478	256.875	ug/l	98
52) Toluene	10.170	92	692788	54.880	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	327695	53.578	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	390247	53.958	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	197244	56.157	ug/l	99
56) Ethyl methacrylate	10.438	69	246009	54.736	ug/l	96
57) 1,3-Dichloropropane	10.719	76	319623	53.657	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	534459	252.100	ug/l	96
59) 2-Hexanone	10.761	43	522526	271.707	ug/l	99
60) Dibromochloromethane	10.914	129	269605	58.173	ug/l	100
61) 1,2-Dibromoethane	11.018	107	186743	56.567	ug/l	99
64) Tetrachloroethene	10.652	164	346656	60.097	ug/l	96
65) Chlorobenzene	11.444	112	771159	55.343	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	272332	57.587	ug/l	98
67) Ethyl Benzene	11.517	91	1299307	54.185	ug/l	97
68) m/p-Xylenes	11.627	106	1040302	111.080	ug/l	97
69) o-Xylene	11.956	106	487794	55.611	ug/l	98
70) Styrene	11.969	104	822067	57.308	ug/l	97
71) Bromoform	12.133	173	163022	58.982	ug/l #	99
73) Isopropylbenzene	12.255	105	1287160	53.997	ug/l	99
74) N-amyl acetate	12.072	43	243826	48.233	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	206774	50.802	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	274714	84.279	ug/l #	100
77) Bromobenzene	12.536	156	313466	55.121	ug/l	94
78) n-propylbenzene	12.597	91	1526692	53.794	ug/l	98
79) 2-Chlorotoluene	12.682	91	854670	52.561	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	1034057	53.675	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	63299	47.008	ug/l	98
82) 4-Chlorotoluene	12.779	91	888703	52.684	ug/l	98
83) tert-Butylbenzene	12.999	119	942129	54.146	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	1041166	54.290	ug/l	99
85) sec-Butylbenzene	13.176	105	1394052	54.540	ug/l	99
86) p-Isopropyltoluene	13.291	119	1174371	55.353	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	627445	55.948	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	611826	54.996	ug/l	99
89) n-Butylbenzene	13.621	91	1048476	53.807	ug/l	99
90) Hexachloroethane	13.883	117	237913	54.779	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	548132	55.731	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	32065	50.598	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	325390	55.945	ug/l	98
94) Hexachlorobutadiene	15.023	225	192428	56.302	ug/l	99
95) Naphthalene	15.145	128	539043	54.351	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	277182	55.305	ug/l	99

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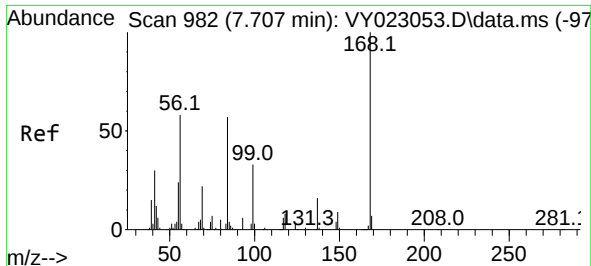
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QLast Update : Wed Aug 13 02:10:11 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration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

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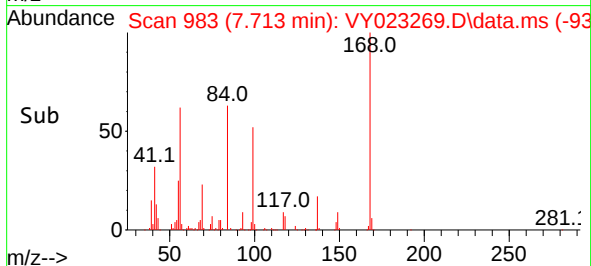
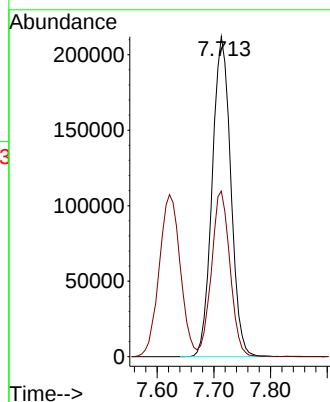
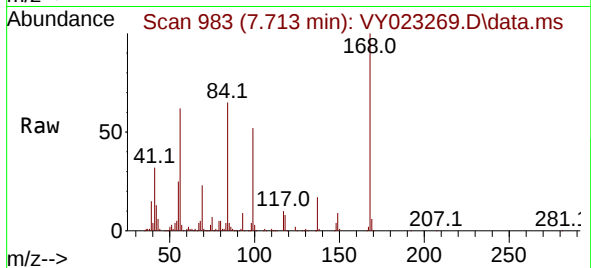




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

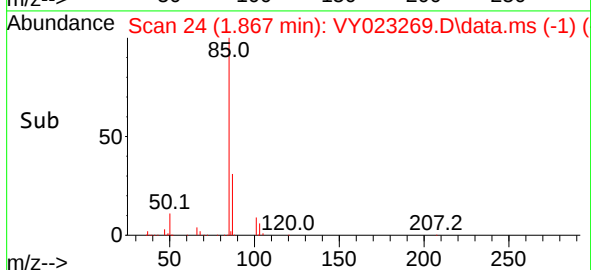
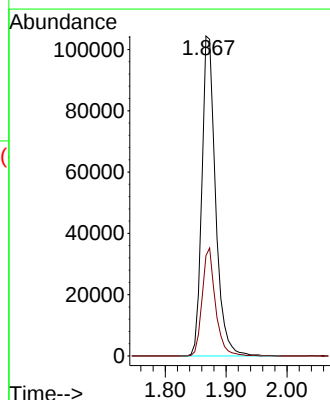
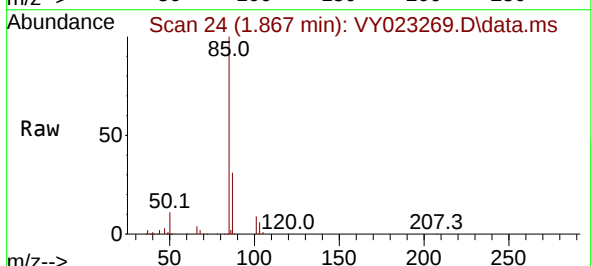
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 481760
Ion Ratio Lower Upper
168 100
99 51.7 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 41.520 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion: 85 Resp: 163272
Ion Ratio Lower Upper
85 100
87 31.4 16.6 49.8

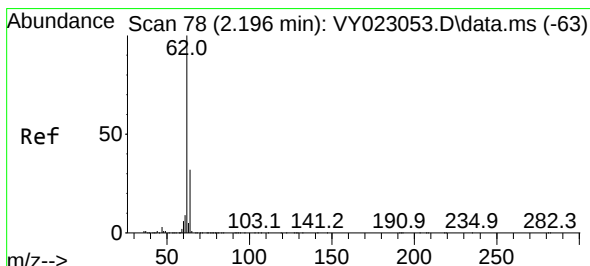
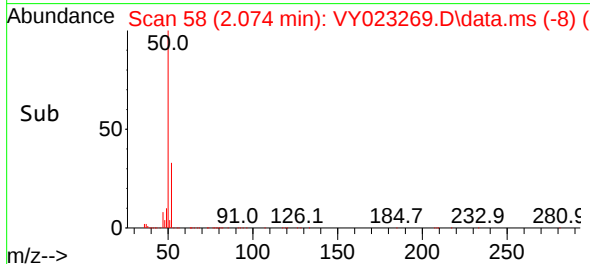
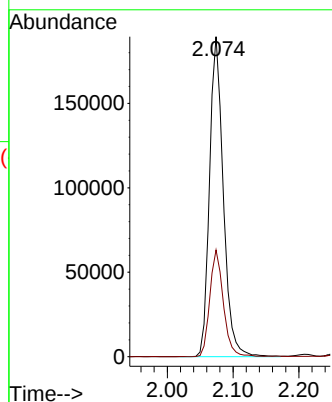
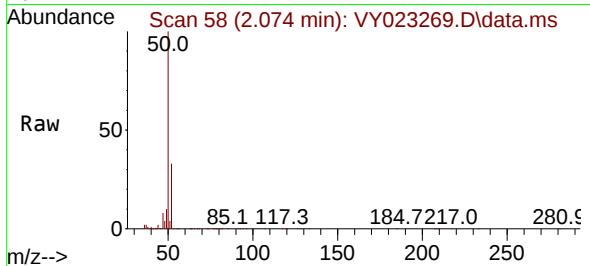




#3
Chloromethane
Concen: 43.395 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

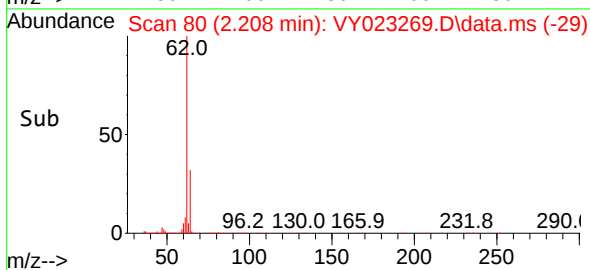
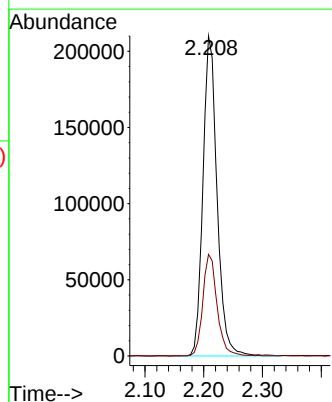
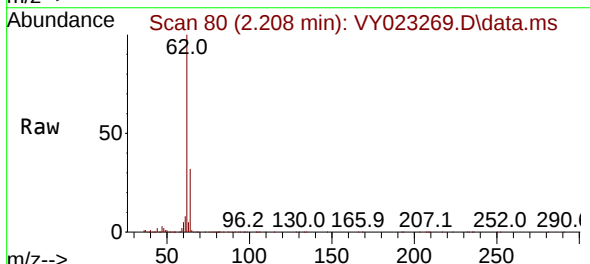
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 276392
Ion Ratio Lower Upper
50 100
52 33.3 26.7 40.1



#4
Vinyl Chloride
Concen: 44.541 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion: 62 Resp: 350678
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

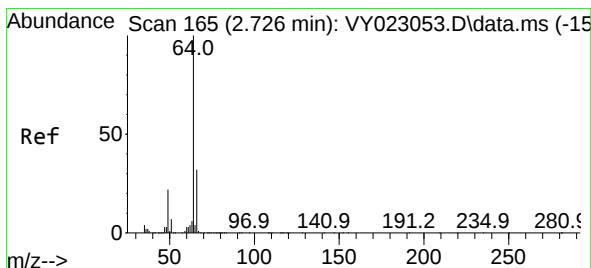
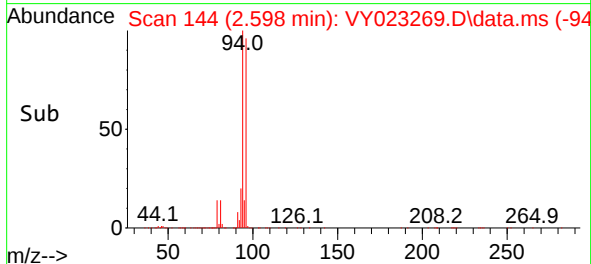
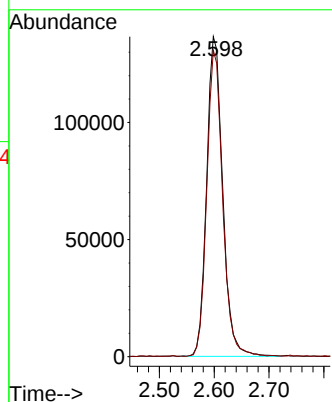
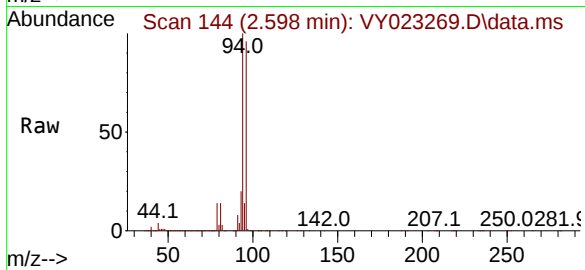




#5
Bromomethane
Concen: 47.097 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

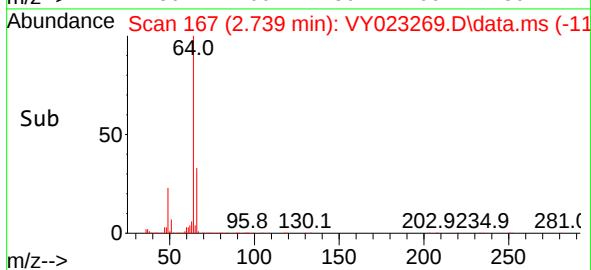
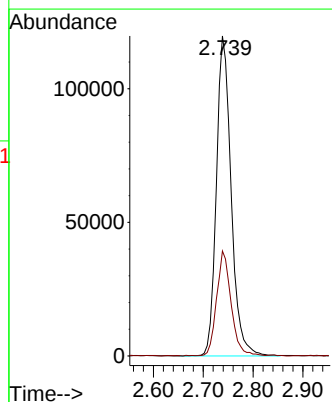
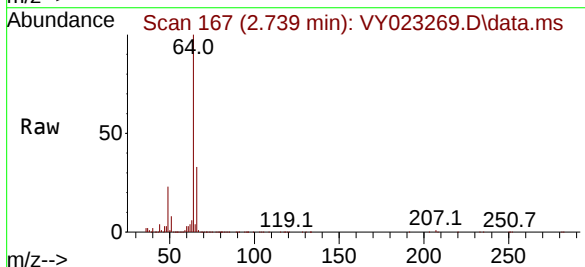
Instrument :
MSVOA_Y
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VSTDCCC050

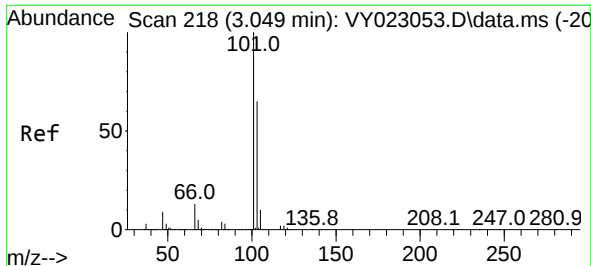
Tgt Ion: 94 Resp: 276926
Ion Ratio Lower Upper
94 100
96 95.7 74.6 112.0



#6
Chloroethane
Concen: 47.027 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion: 64 Resp: 246156
Ion Ratio Lower Upper
64 100
66 32.7 25.8 38.6

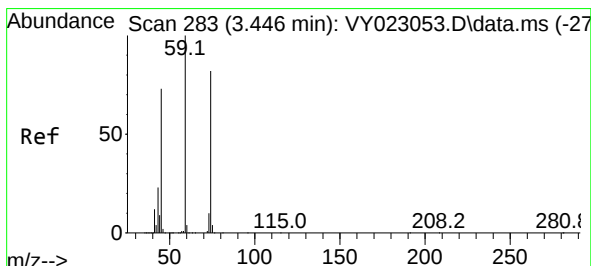
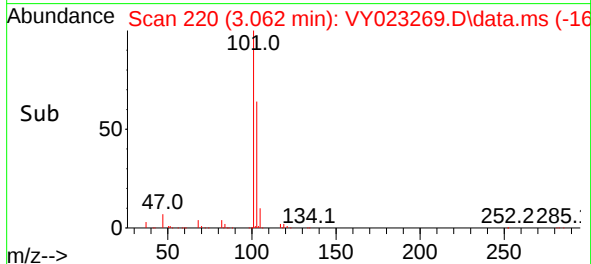
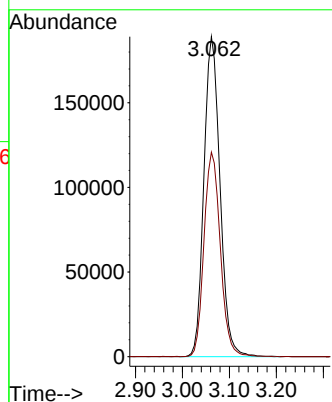
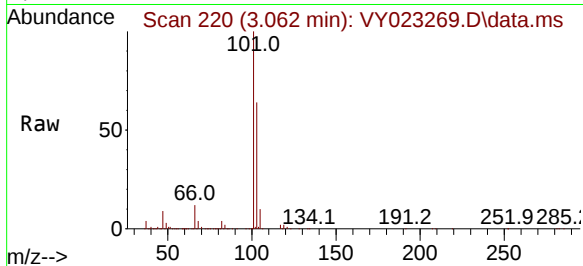




#7
 Trichlorofluoromethane
 Concen: 46.955 ug/l
 RT: 3.062 min Scan# 218
 Delta R.T. 0.012 min
 Lab File: VY023269.D
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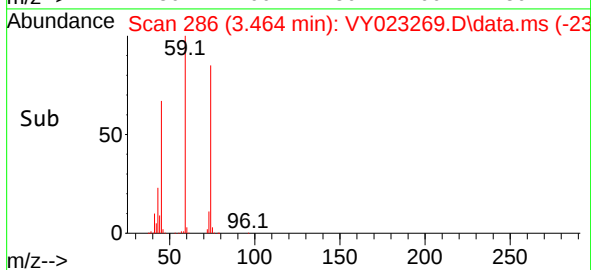
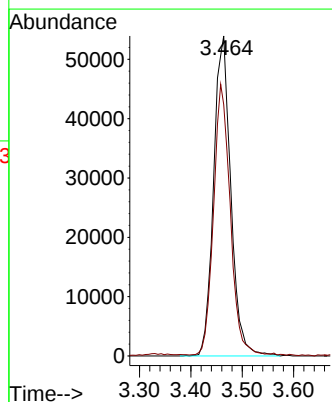
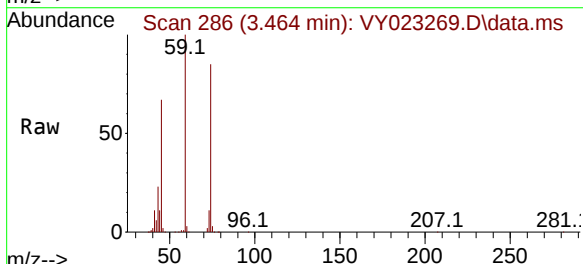
Instrument :
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Tgt Ion:101 Resp: 449525
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.9 77.9



#8
 Diethyl Ether
 Concen: 49.418 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.018 min
 Lab File: VY023269.D
 Acq: 03 Sep 2025 09:58

Tgt Ion: 74 Resp: 125166
 Ion Ratio Lower Upper
 74 100
 45 82.5 44.4 133.2

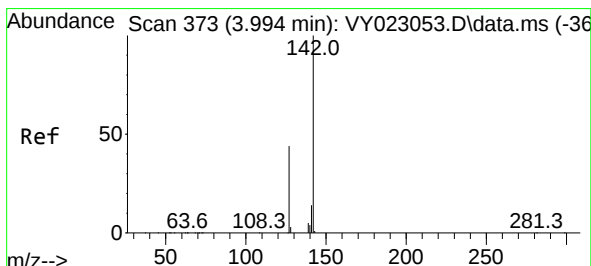
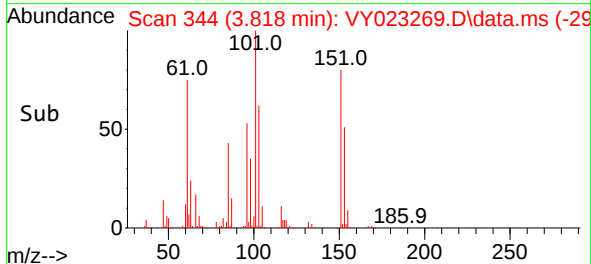
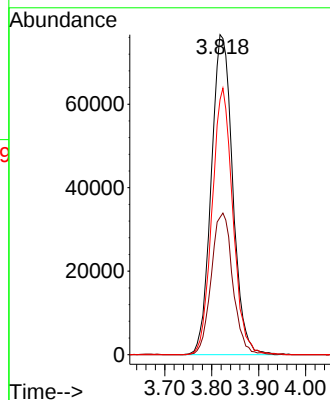
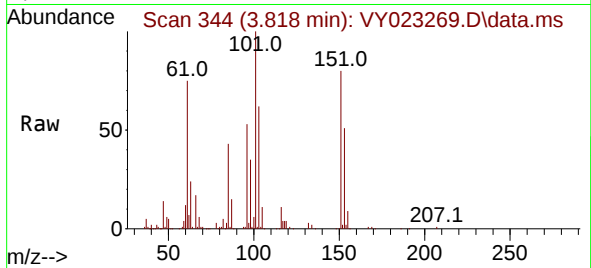




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.455 ug/l
RT: 3.818 min Scan# 342
Delta R.T. 0.012 min
Lab File: VY023269.D
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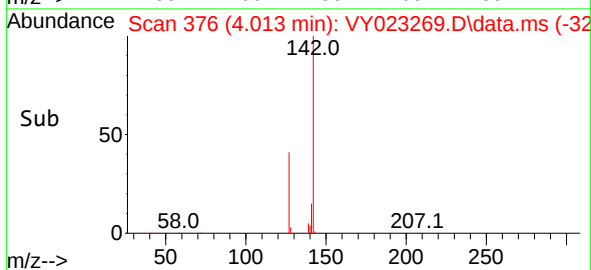
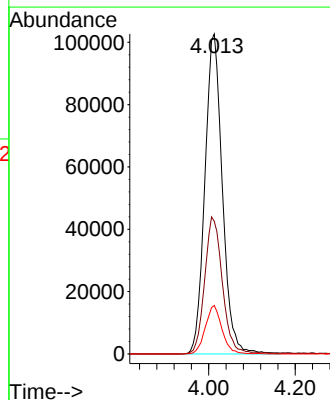
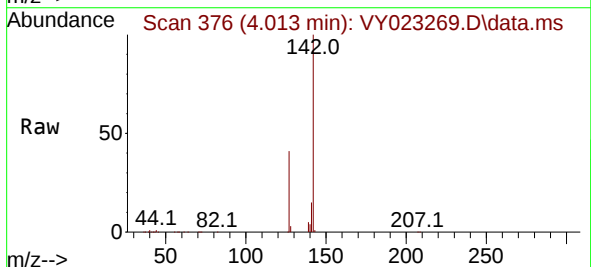
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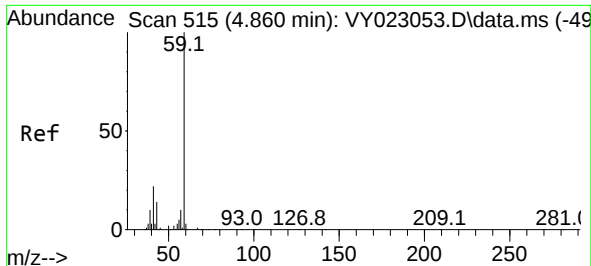
Tgt Ion:101 Resp: 243023
Ion Ratio Lower Upper
101 100
85 44.4 36.3 54.5
151 80.6 61.5 92.3



#10
Methyl Iodide
Concen: 56.478 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.018 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion:142 Resp: 287844
Ion Ratio Lower Upper
142 100
127 43.4 34.9 52.3
141 14.4 11.3 16.9

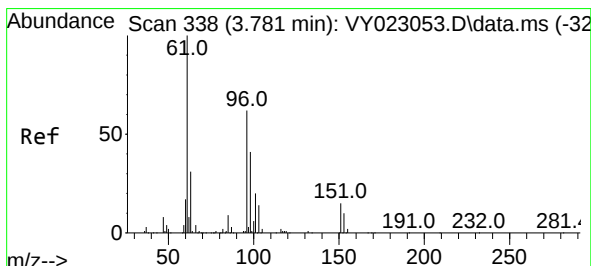
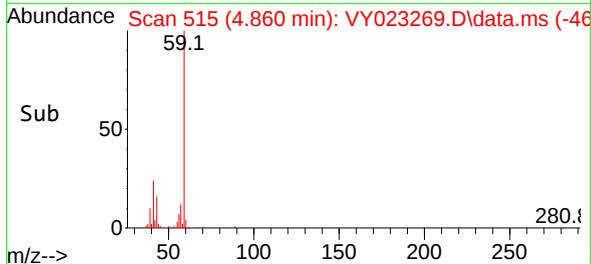
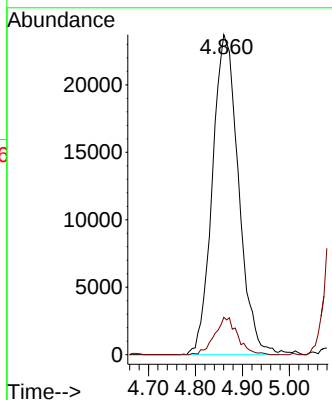
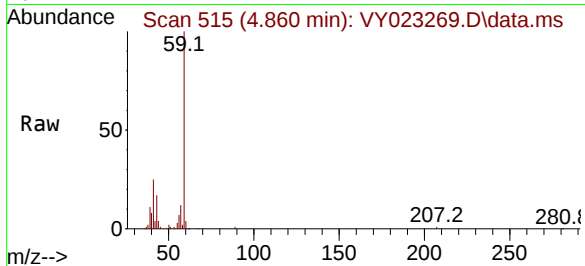




#11
Tert butyl alcohol
Concen: 291.616 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

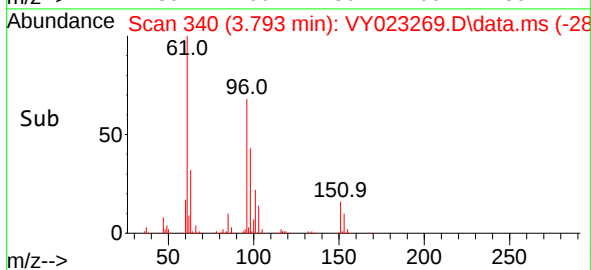
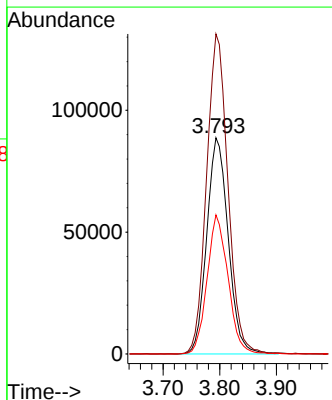
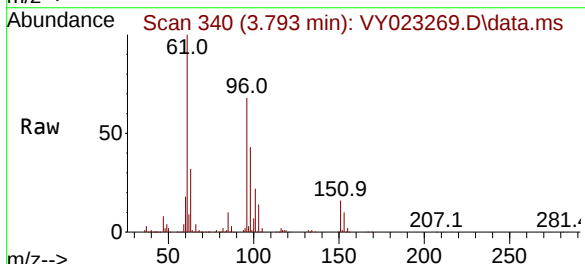
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 91744
Ion Ratio Lower Upper
59 100
57 10.3 8.6 13.0



#12
1,1-Dichloroethene
Concen: 50.312 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion: 96 Resp: 233570
Ion Ratio Lower Upper
96 100
61 148.1 129.4 194.2
98 64.3 52.8 79.2

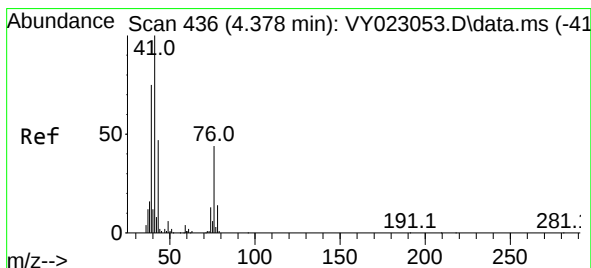
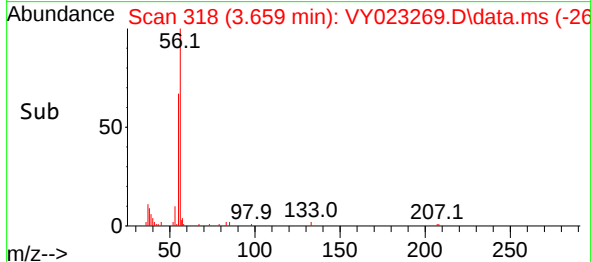
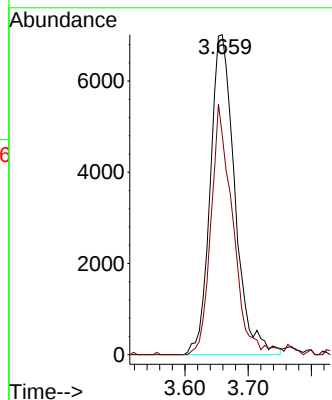
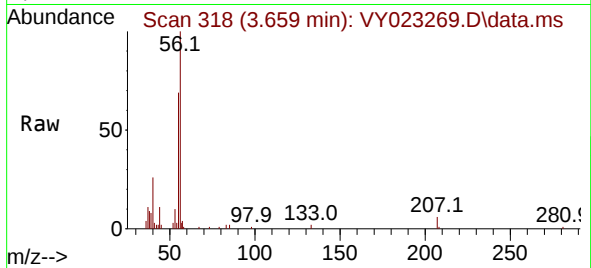




#13
Acrolein
Concen: 41.064 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

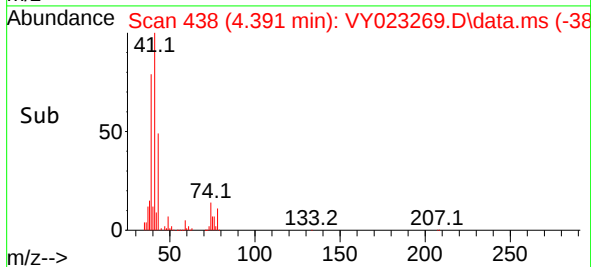
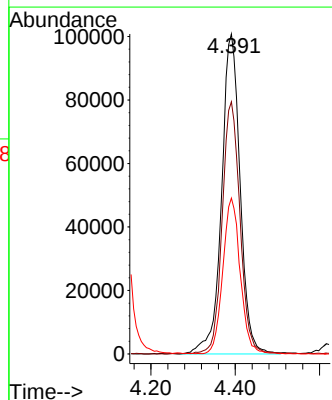
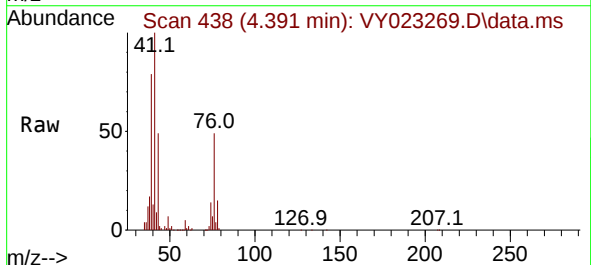
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

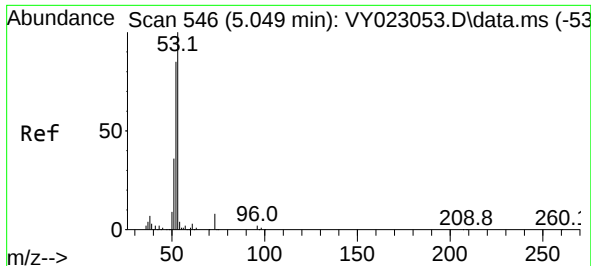
Tgt Ion: 56 Resp: 18920
Ion Ratio Lower Upper
56 100
55 69.7 55.2 82.8



#14
Allyl chloride
Concen: 44.934 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion: 41 Resp: 306946
Ion Ratio Lower Upper
41 100
39 75.4 59.8 89.6
76 45.4 33.7 50.5

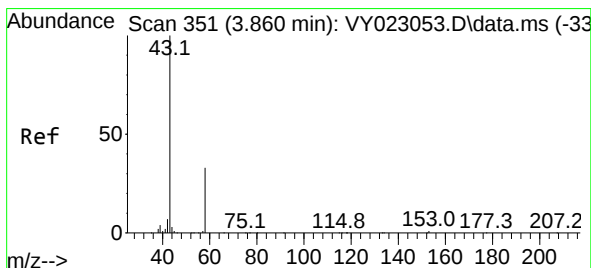
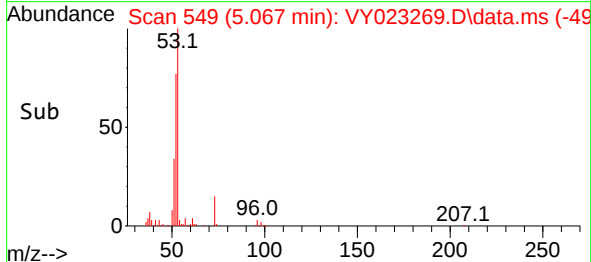
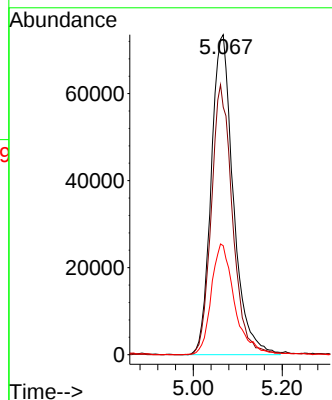
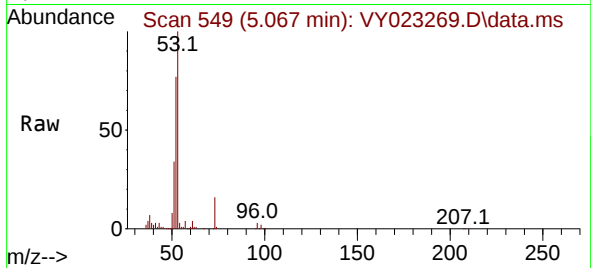




#15
Acrylonitrile
Concen: 246.787 ug/l
RT: 5.067 min Scan# 546
Delta R.T. 0.018 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

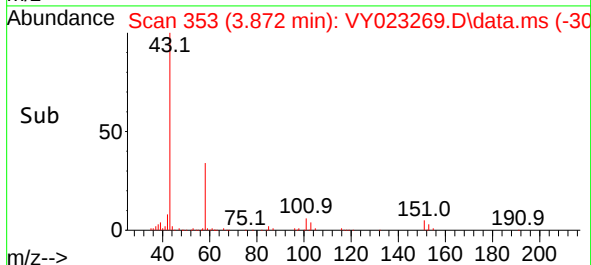
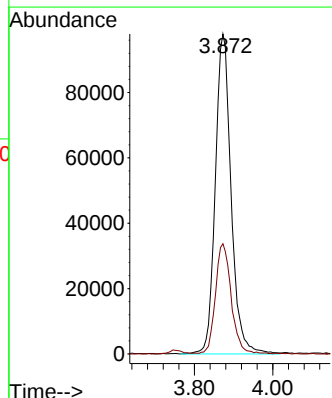
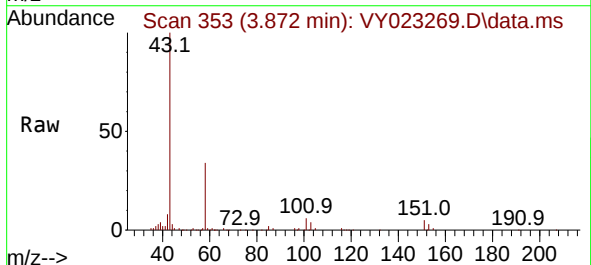
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

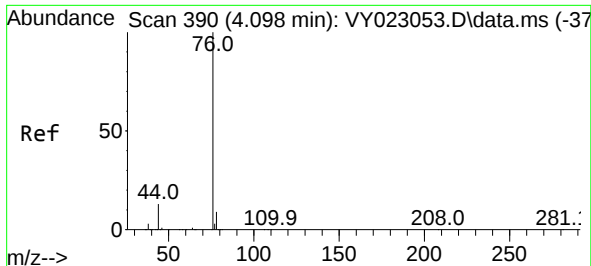
Tgt Ion: 53 Resp: 254121
Ion Ratio Lower Upper
53 100
52 80.8 65.3 97.9
51 36.5 29.5 44.3



#16
Acetone
Concen: 275.501 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion: 43 Resp: 274048
Ion Ratio Lower Upper
43 100
58 34.3 27.1 40.7

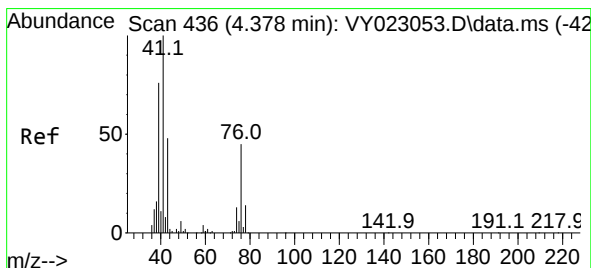
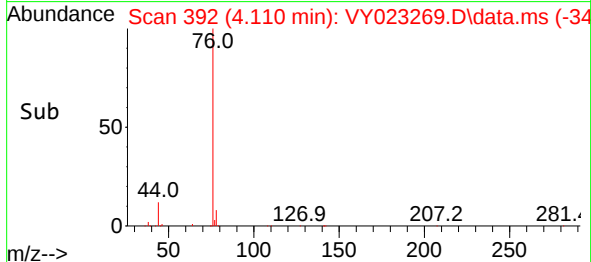
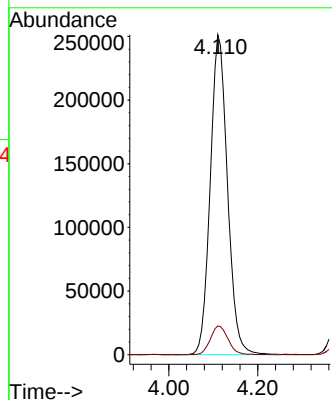
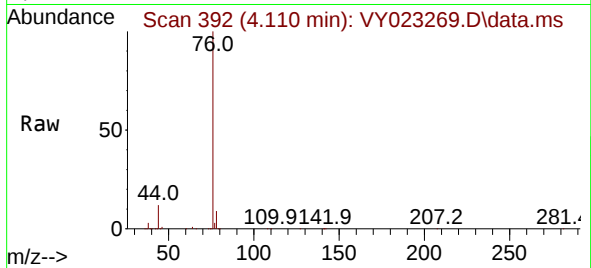




#17
Carbon Disulfide
Concen: 44.658 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

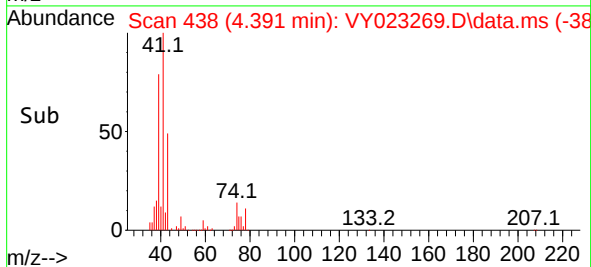
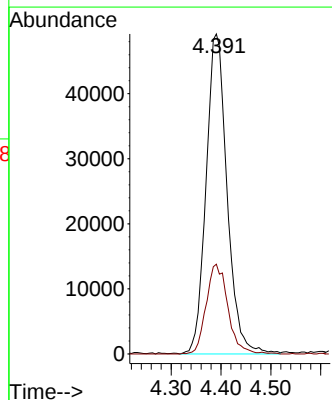
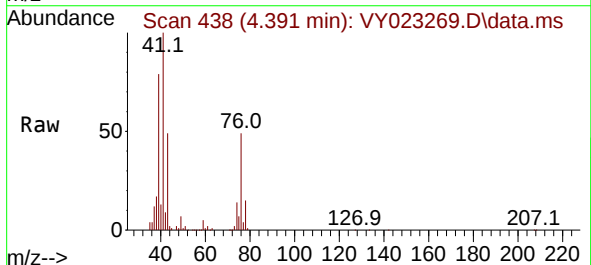
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

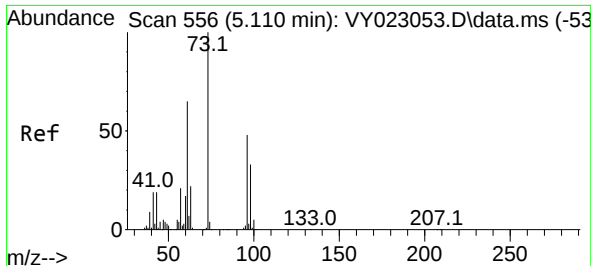
Tgt Ion: 76 Resp: 676006
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 48.673 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion: 43 Resp: 144079
Ion Ratio Lower Upper
43 100
74 28.9 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 50.249 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

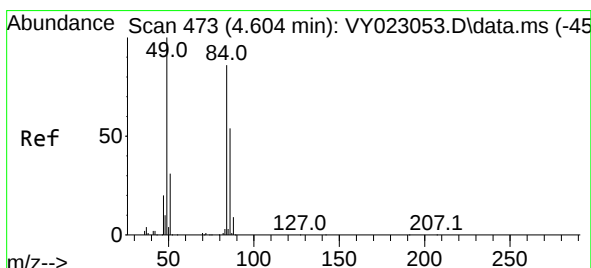
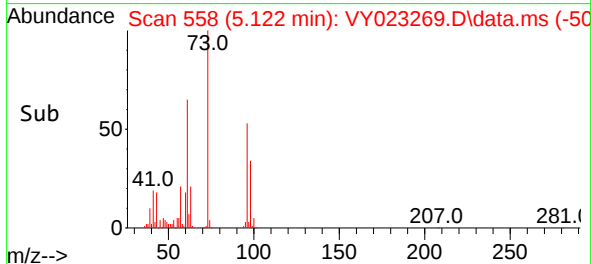
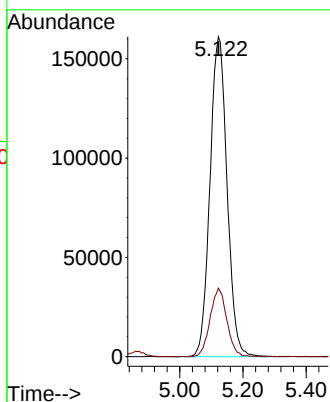
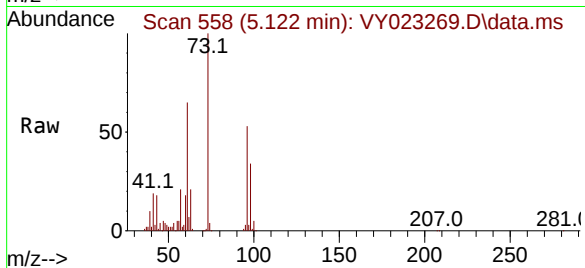
VSTDCCC050

Tgt Ion: 73 Resp: 604492

Ion Ratio Lower Upper

73 100

57 21.4 17.1 25.7



#20

Methylene Chloride

Concen: 53.473 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.018 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Tgt Ion: 84 Resp: 275419

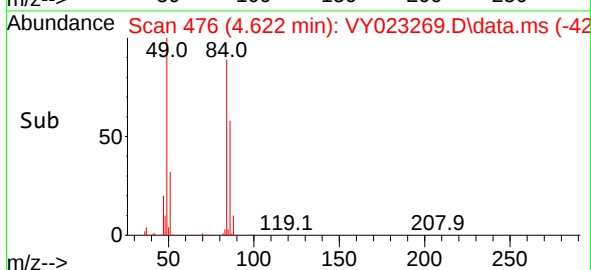
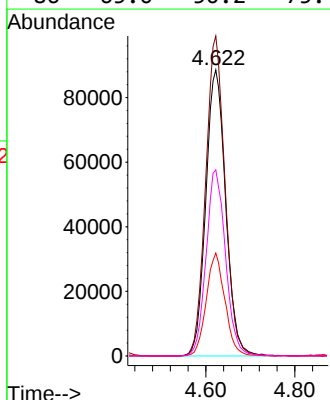
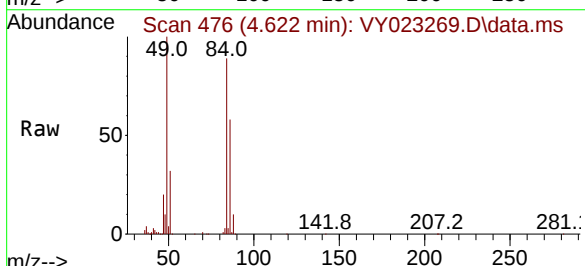
Ion Ratio Lower Upper

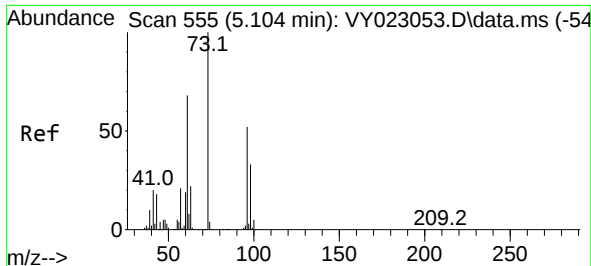
84 100

49 111.8 93.0 139.6

51 36.0 29.0 43.4

86 65.0 50.2 75.4

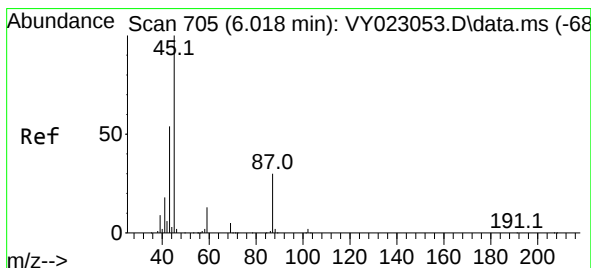
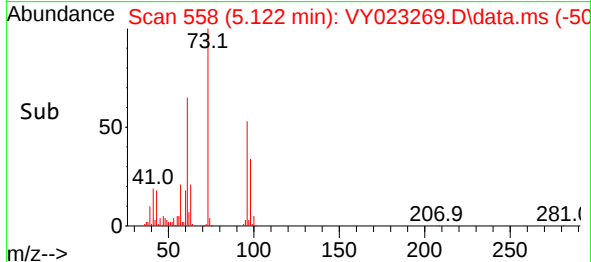
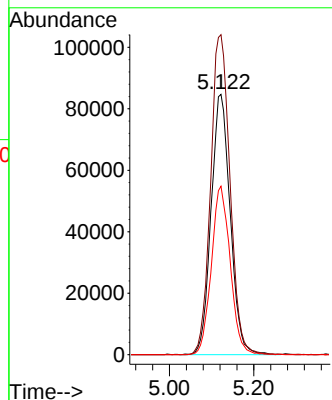
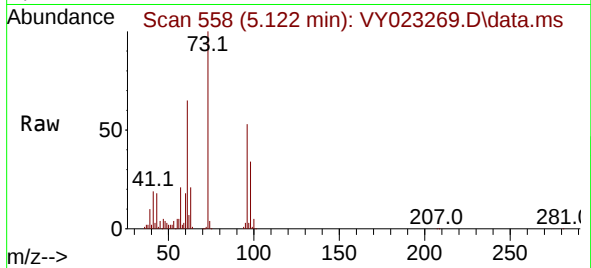




#21
trans-1,2-Dichloroethene
Concen: 51.175 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

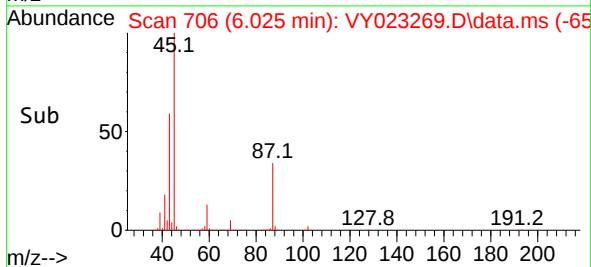
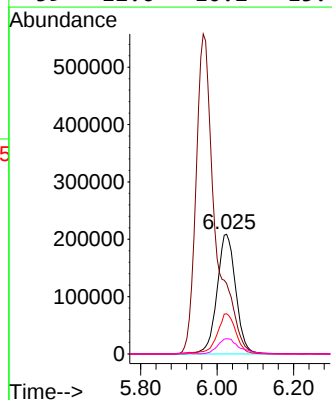
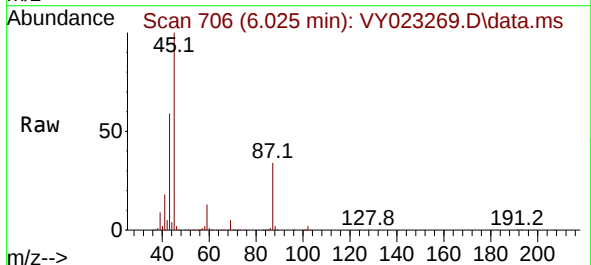
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

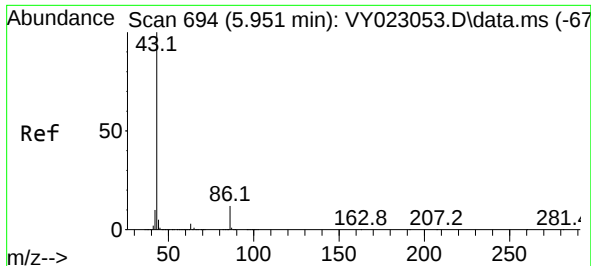
Tgt Ion: 96 Resp: 266987
Ion Ratio Lower Upper
96 100
61 122.9 104.8 157.2
98 64.7 50.1 75.1



#22
Diisopropyl ether
Concen: 47.762 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion: 45 Resp: 708974
Ion Ratio Lower Upper
45 100
43 58.6 43.4 65.0
87 33.5 24.4 36.6
59 12.6 10.2 15.4

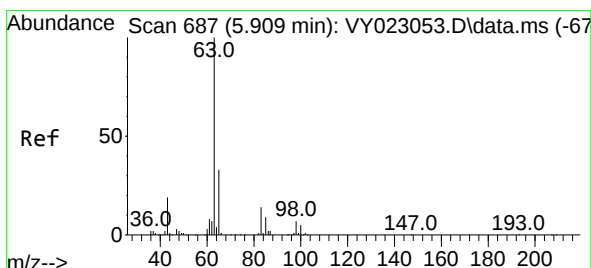
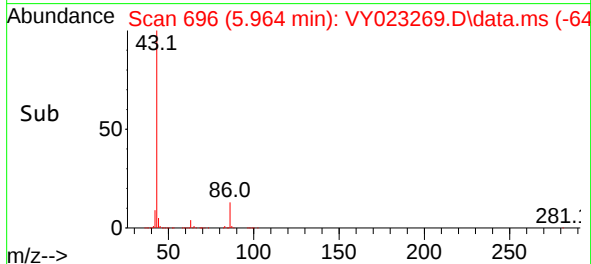
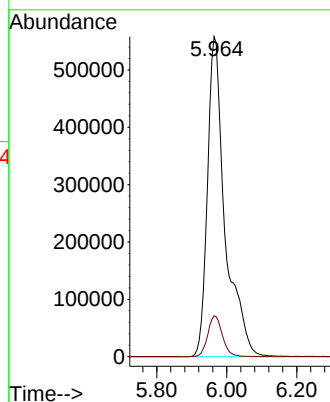
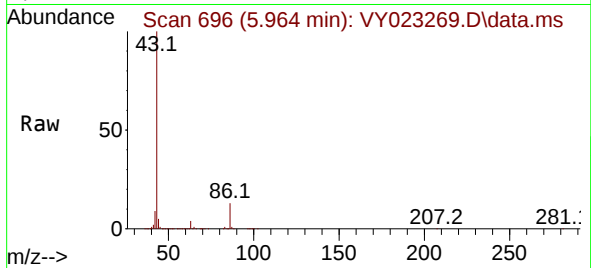




#23
 Vinyl Acetate
 Concen: 237.148 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023269.D
 Acq: 03 Sep 2025 09:58

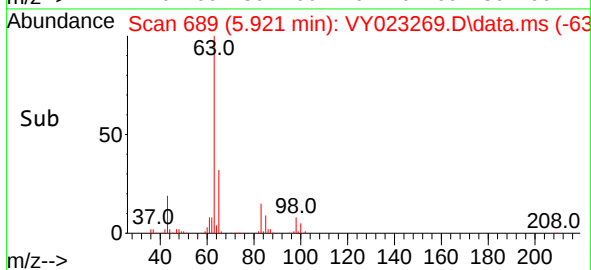
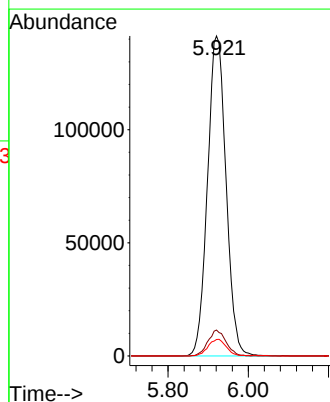
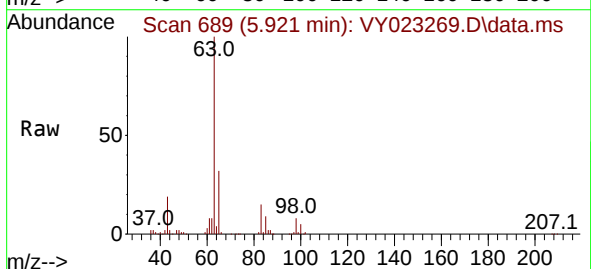
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1946500
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 49.979 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023269.D
 Acq: 03 Sep 2025 09:58

Tgt Ion: 63 Resp: 453584
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.6
 100 5.1 2.4 7.1





#25

2-Butanone

Concen: 247.745 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

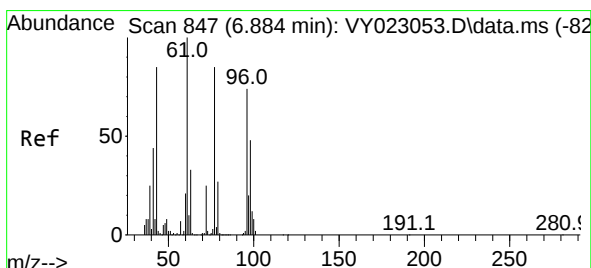
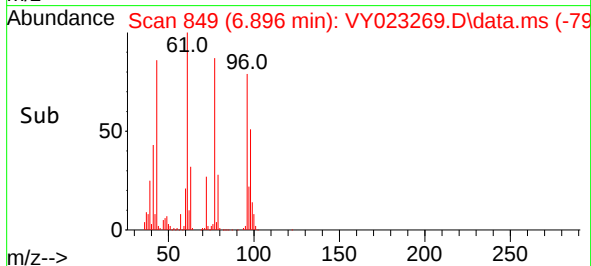
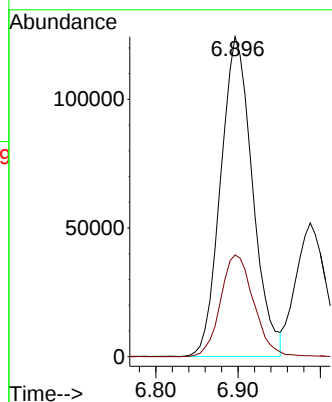
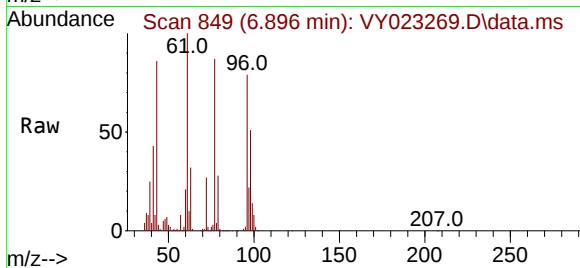
VSTDCCC050

Tgt Ion: 43 Resp: 335166

Ion Ratio Lower Upper

43 100

72 31.8 23.5 35.3



#26

2,2-Dichloropropane

Concen: 52.426 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023269.D

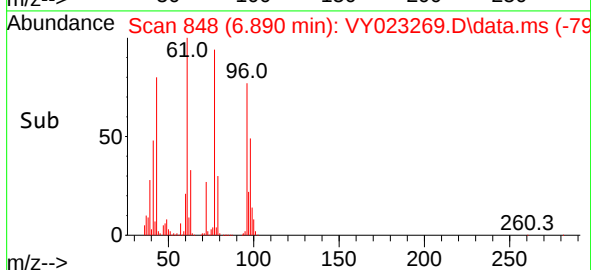
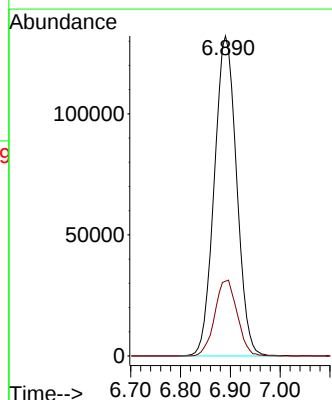
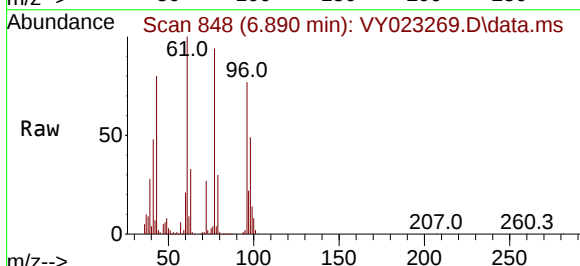
Acq: 03 Sep 2025 09:58

Tgt Ion: 77 Resp: 410547

Ion Ratio Lower Upper

77 100

97 23.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 52.221 ug/l

RT: 6.896 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

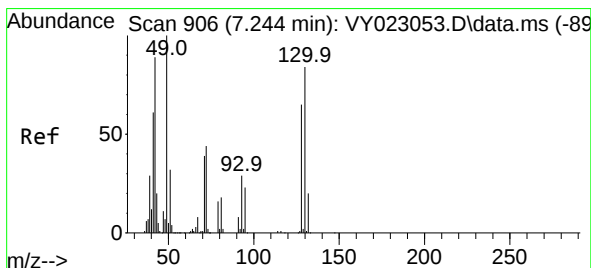
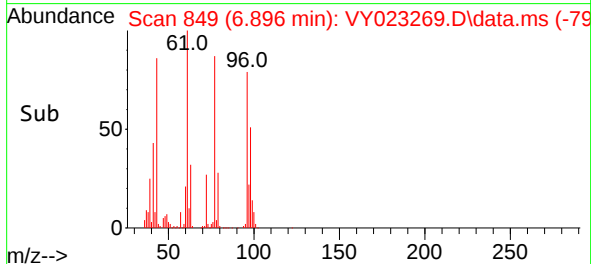
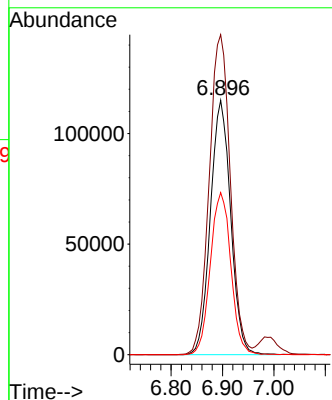
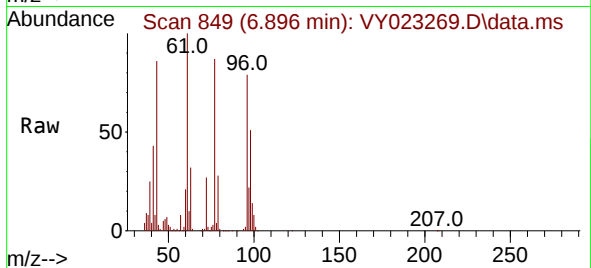
Tgt Ion: 96 Resp: 314964

Ion Ratio Lower Upper

96 100

61 131.1 0.0 278.6

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 45.690 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

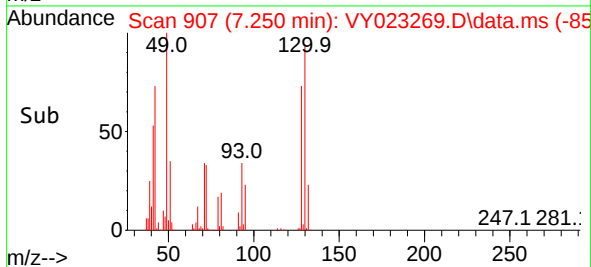
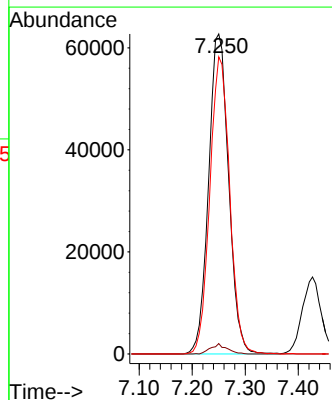
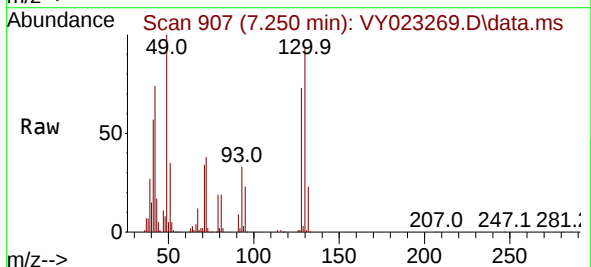
Tgt Ion: 49 Resp: 164510

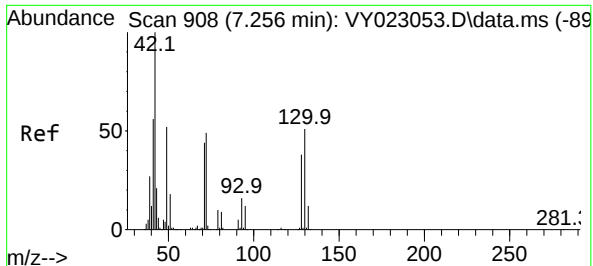
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.2

130 91.6 66.4 99.6





#29

Tetrahydrofuran

Concen: 236.214 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

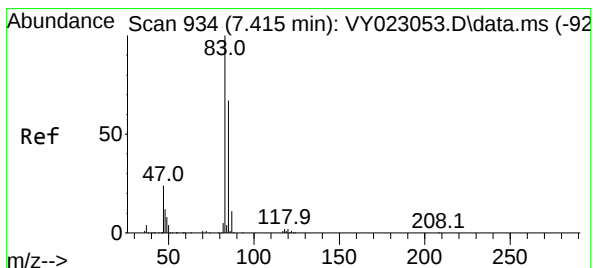
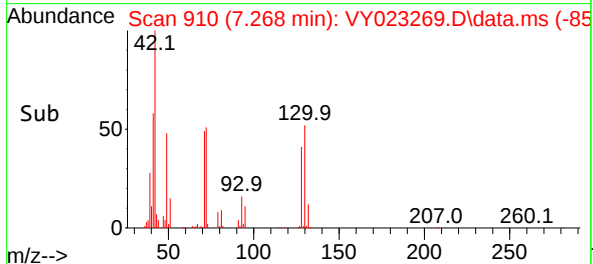
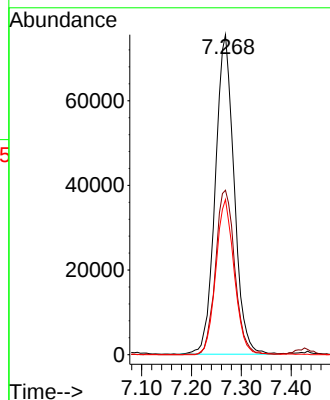
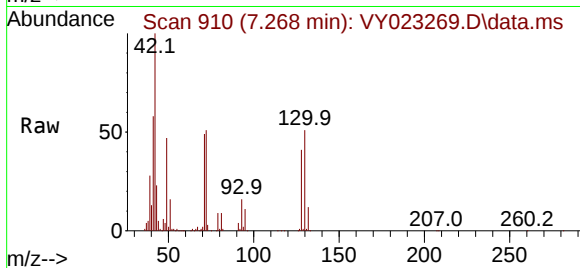
Tgt Ion: 42 Resp: 198085

Ion Ratio Lower Upper

42 100

72 52.8 39.4 59.2

71 47.6 36.5 54.7



#30

Chloroform

Concen: 52.017 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.012 min

Lab File: VY023269.D

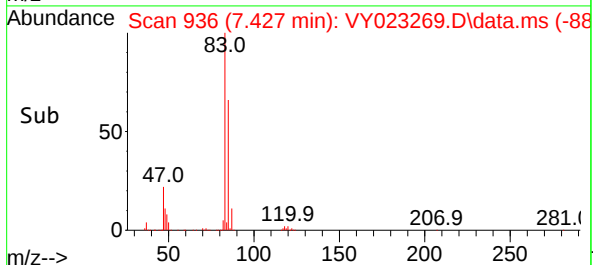
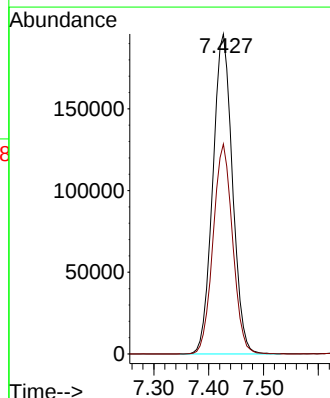
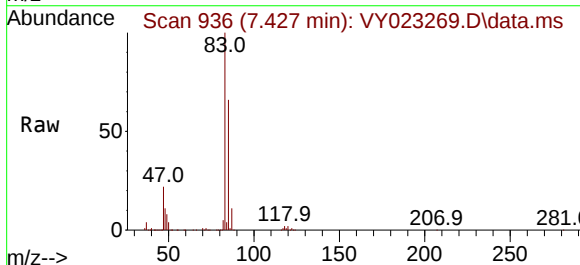
Acq: 03 Sep 2025 09:58

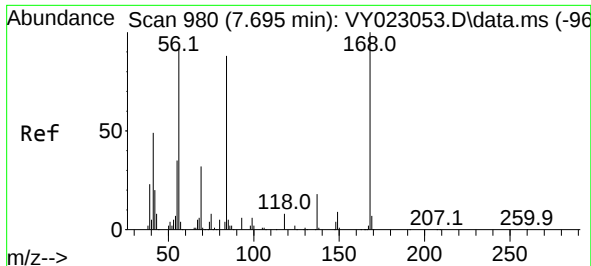
Tgt Ion: 83 Resp: 486865

Ion Ratio Lower Upper

83 100

85 65.6 53.8 80.8

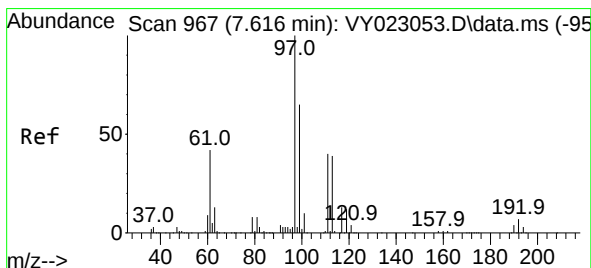
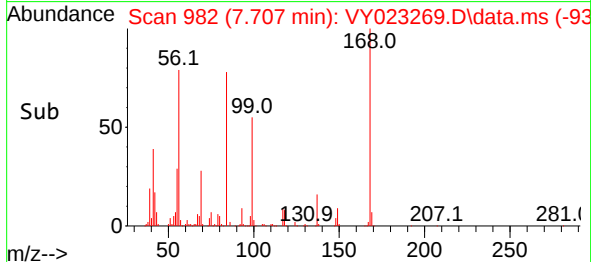
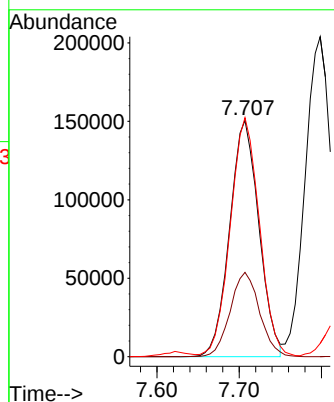
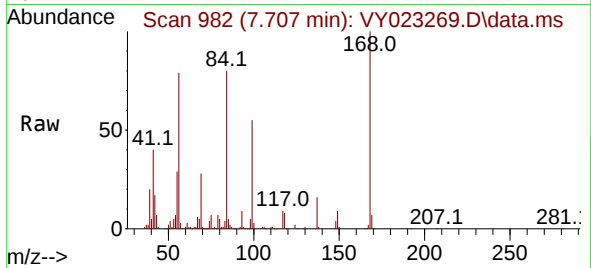




#31
Cyclohexane
Concen: 43.560 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

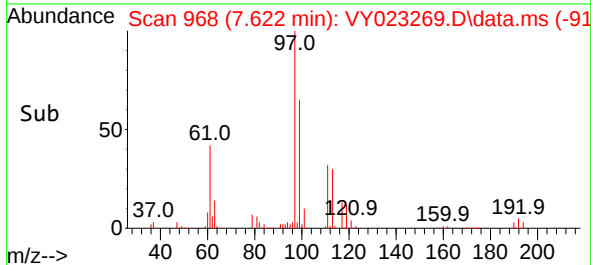
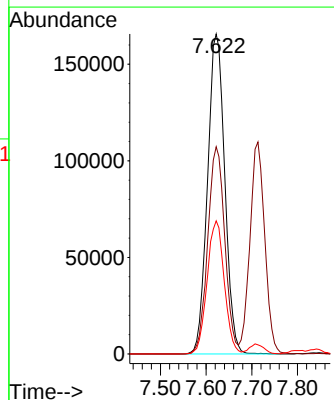
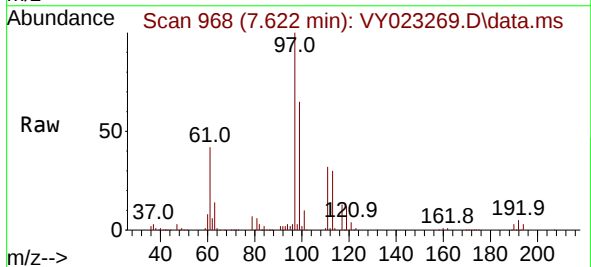
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

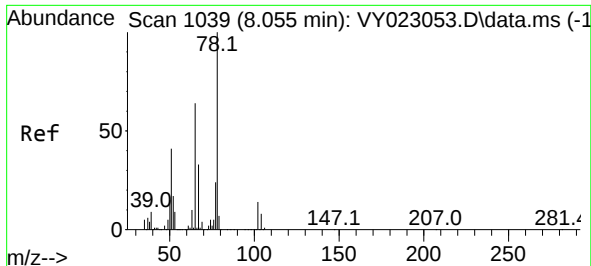
Tgt Ion: 56 Resp: 372535
Ion Ratio Lower Upper
56 100
69 35.7 28.2 42.2
84 99.2 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 52.253 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion: 97 Resp: 433960
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 41.4 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 44.852 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

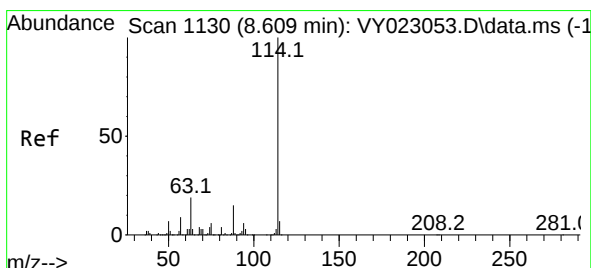
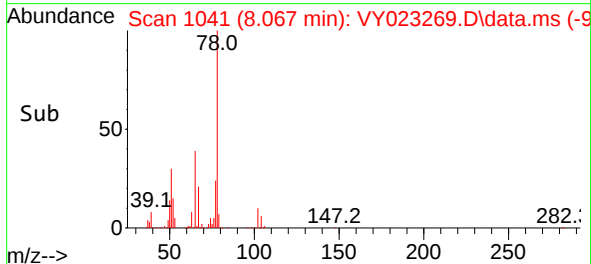
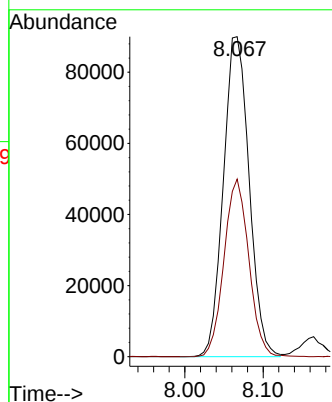
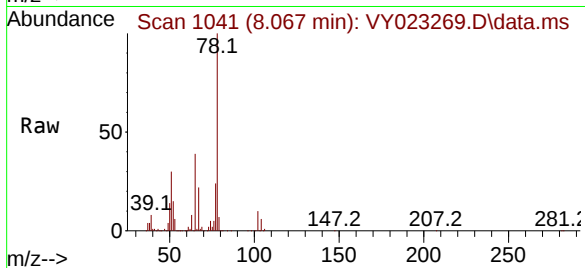
VSTDCCC050

Tgt Ion: 65 Resp: 205938

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.012 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

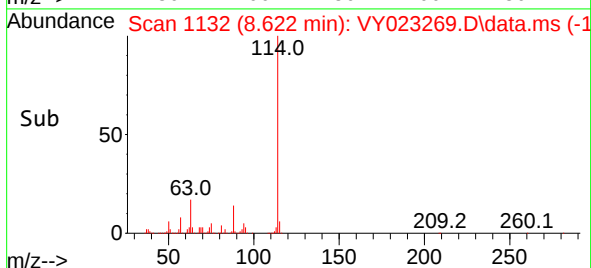
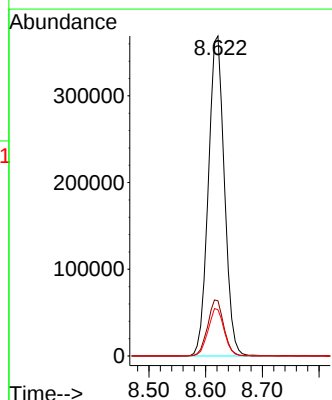
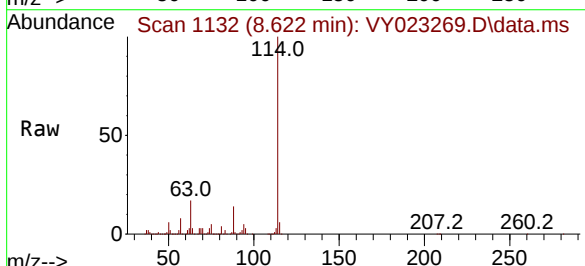
Tgt Ion: 114 Resp: 725179

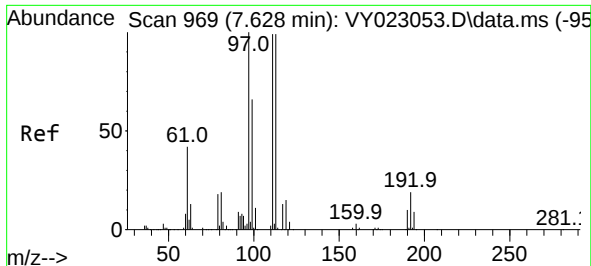
Ion Ratio Lower Upper

114 100

63 17.3 0.0 38.4

88 14.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.825 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

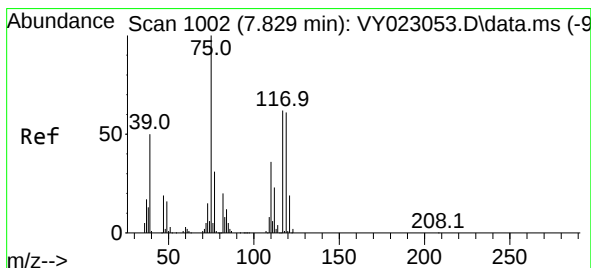
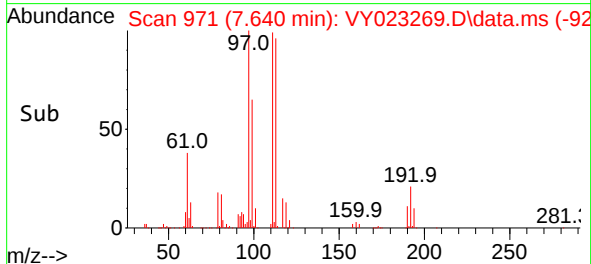
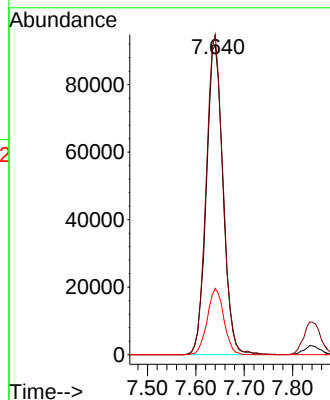
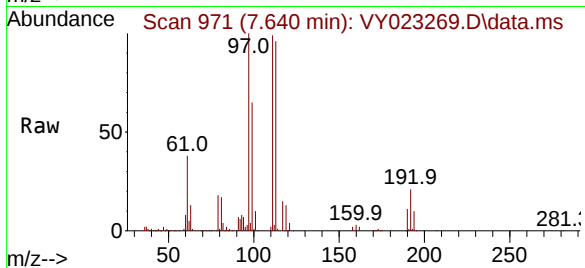
Tgt Ion:113 Resp: 220542

Ion Ratio Lower Upper

113 100

111 103.0 81.1 121.7

192 21.2 16.2 24.4



#36

1,1-Dichloropropene

Concen: 52.063 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.012 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

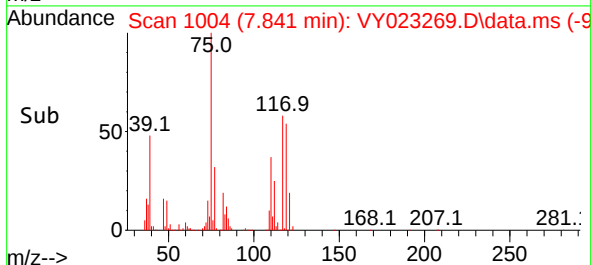
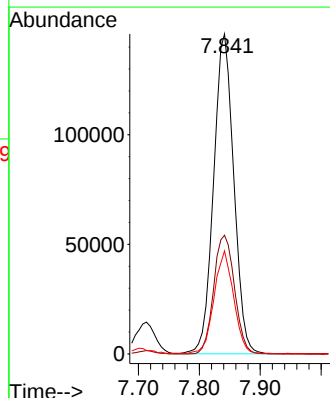
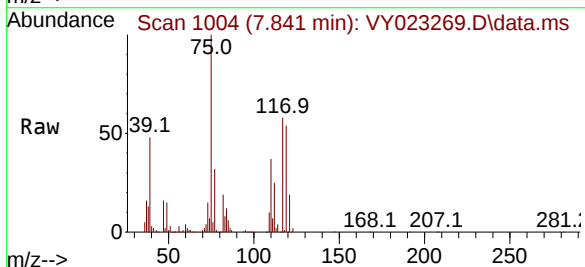
Tgt Ion: 75 Resp: 335741

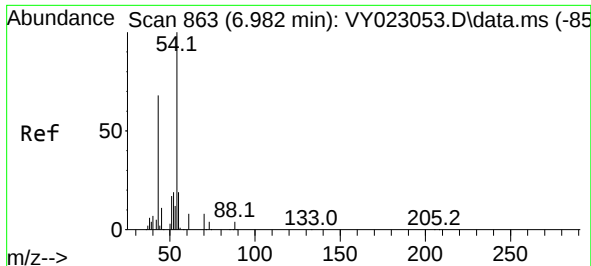
Ion Ratio Lower Upper

75 100

110 38.3 18.1 54.4

77 31.4 24.6 37.0





#37

Ethyl Acetate

Concen: 50.799 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

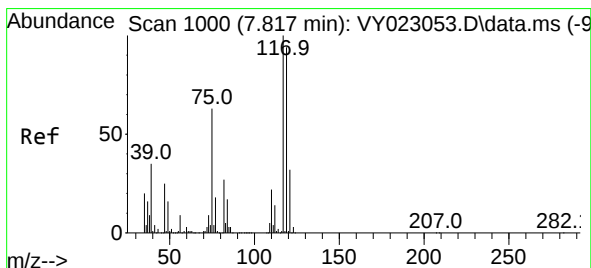
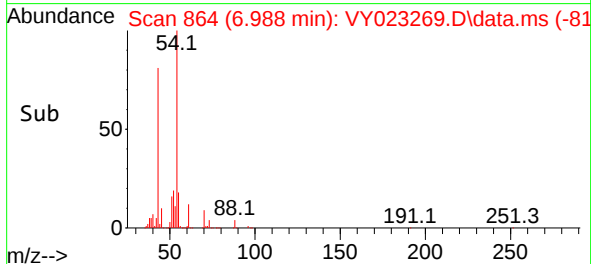
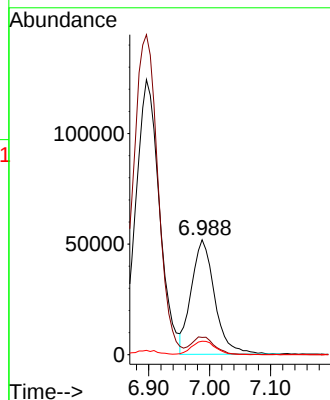
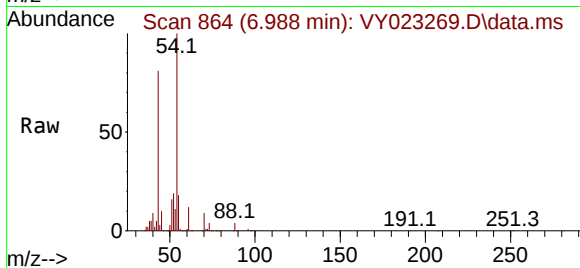
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 137609

Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.9	17.9
70	12.2	8.8	13.2



#38

Carbon Tetrachloride

Concen: 56.173 ug/l

RT: 7.823 min Scan# 1001

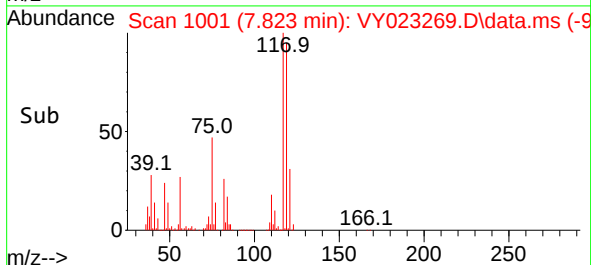
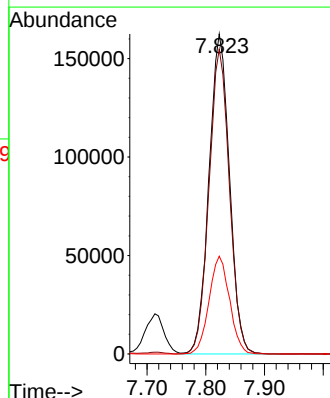
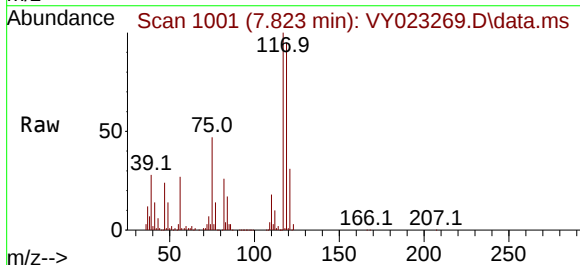
Delta R.T. 0.006 min

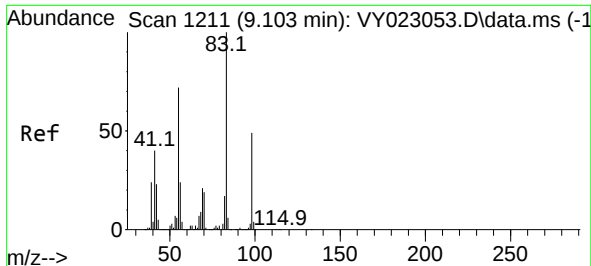
Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Tgt Ion: 117 Resp: 393444

Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.6	113.4
121	30.5	25.8	38.8





#39

Methylcyclohexane

Concen: 51.544 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

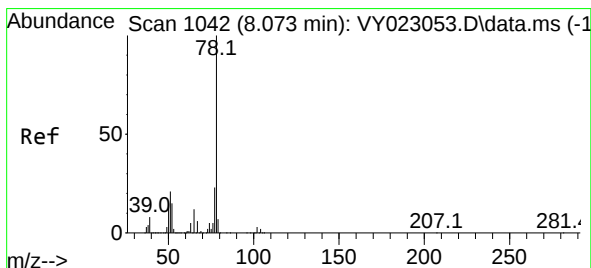
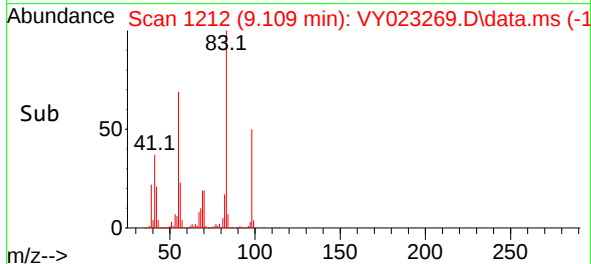
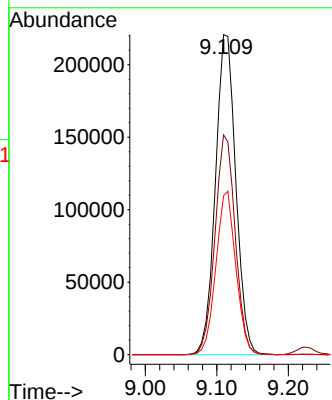
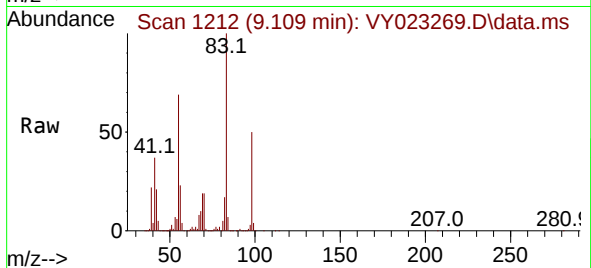
Tgt Ion: 83 Resp: 437717

Ion Ratio Lower Upper

83 100

55 68.7 57.6 86.4

98 49.7 39.2 58.8



#40

Benzene

Concen: 53.032 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY023269.D

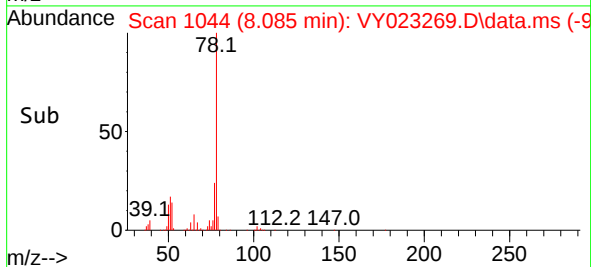
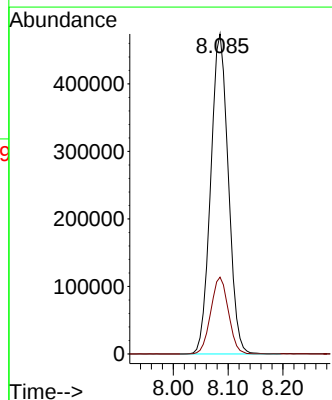
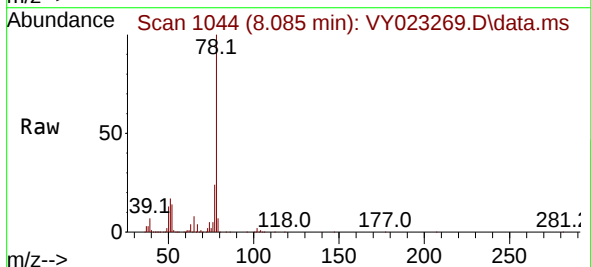
Acq: 03 Sep 2025 09:58

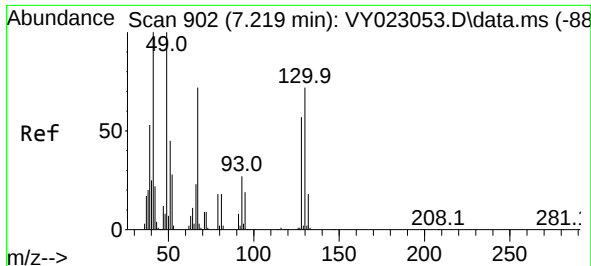
Tgt Ion: 78 Resp: 1054060

Ion Ratio Lower Upper

78 100

77 24.0 18.6 28.0

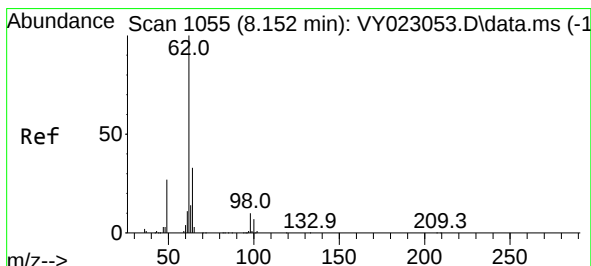
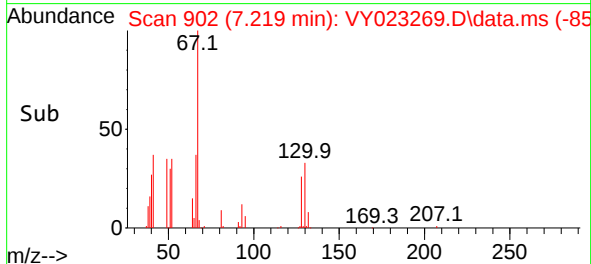
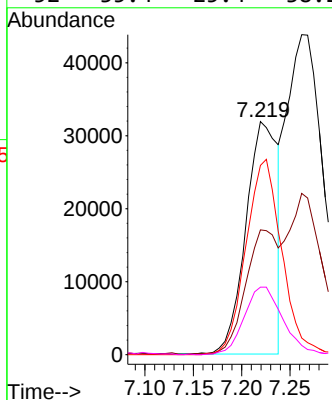
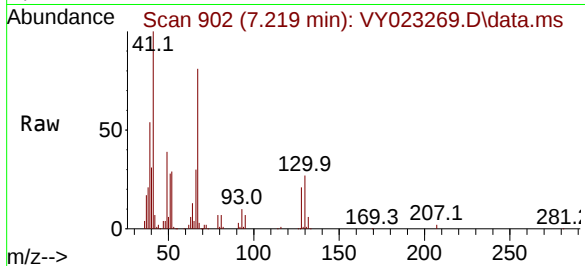




#41
Methacrylonitrile
Concen: 46.508 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

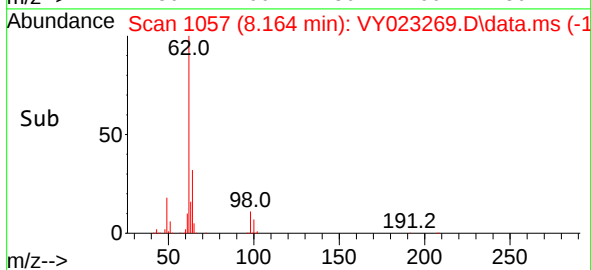
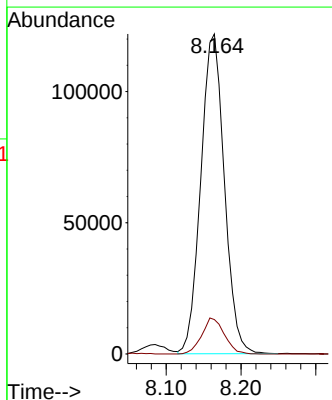
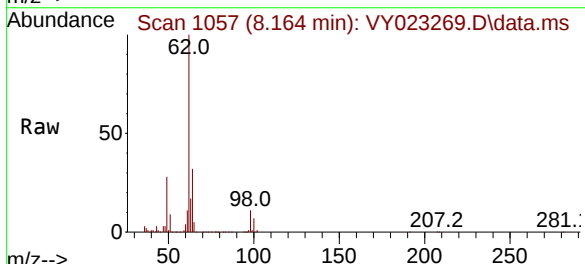
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	72709
Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.4	65.2
67	95.2	63.6	95.4
52	35.4	25.4	38.2



#42
1,2-Dichloroethane
Concen: 51.540 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion:	62	Resp:	266428
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.6

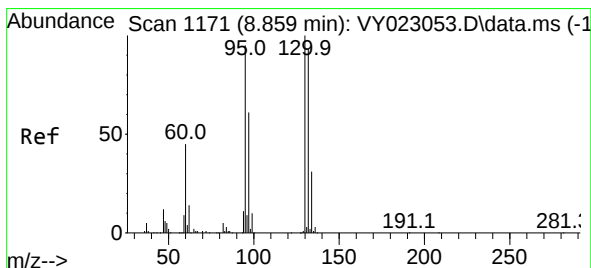
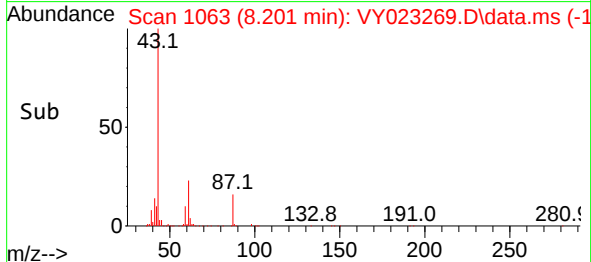
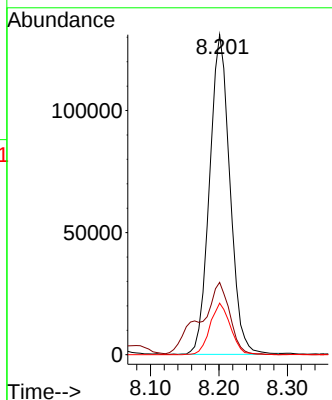
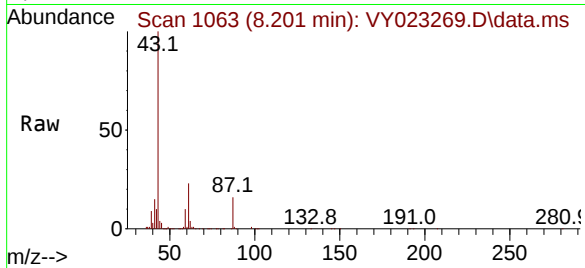




#43
Isopropyl Acetate
Concen: 49.293 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

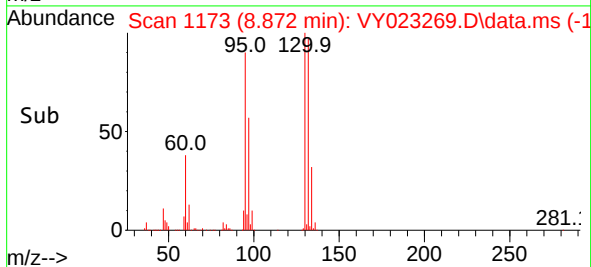
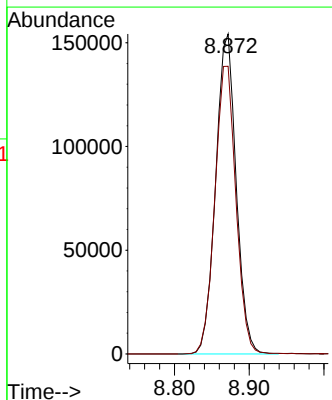
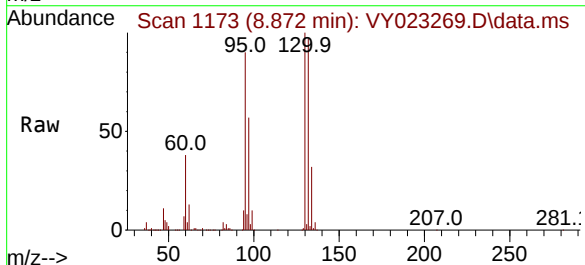
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 269887
Ion Ratio Lower Upper
43 100
61 33.0 16.4 24.6#
87 16.2 11.8 17.6



#44
Trichloroethene
Concen: 57.369 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.012 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion:130 Resp: 294669
Ion Ratio Lower Upper
130 100
95 89.9 0.0 190.2





#45

1,2-Dichloropropane

Concen: 53.124 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

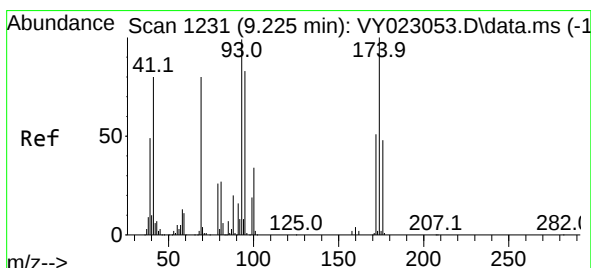
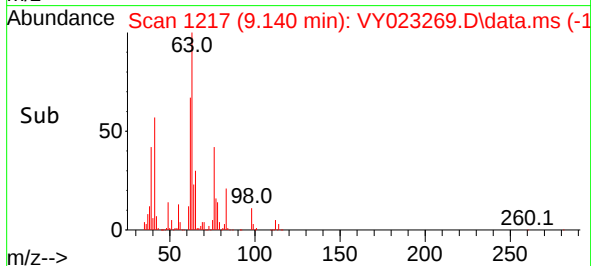
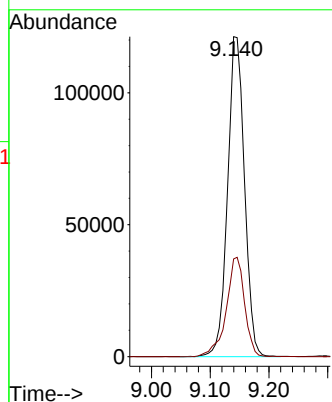
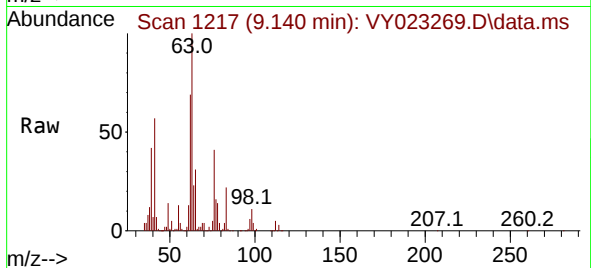
VSTDCCC050

Tgt Ion: 63 Resp: 242950

Ion Ratio Lower Upper

63 100

65 30.6 25.3 37.9



#46

Dibromomethane

Concen: 54.895 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

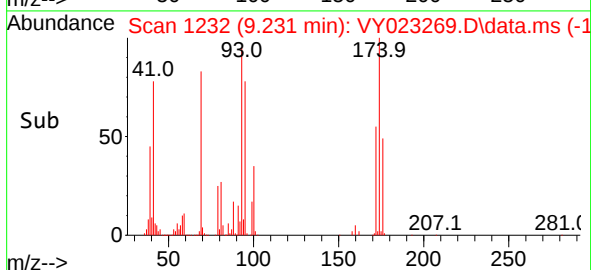
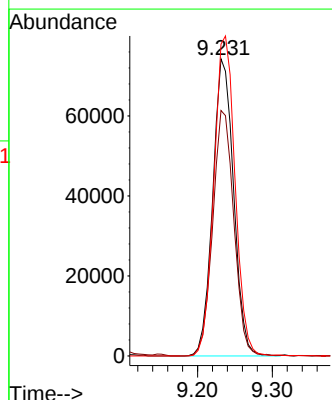
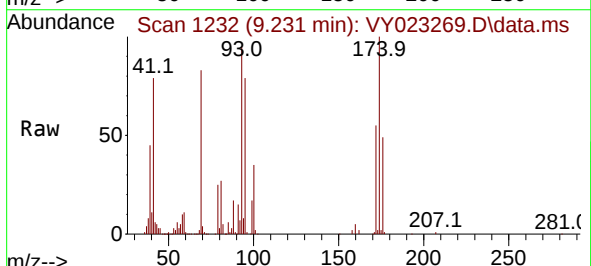
Tgt Ion: 93 Resp: 144094

Ion Ratio Lower Upper

93 100

95 83.6 66.5 99.7

174 109.2 81.8 122.8

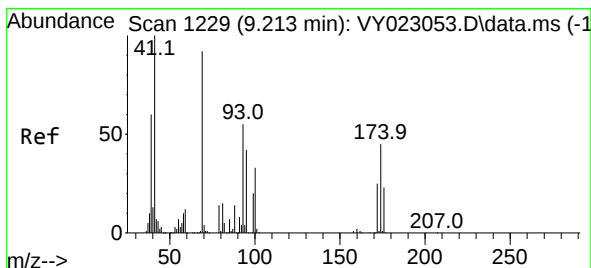
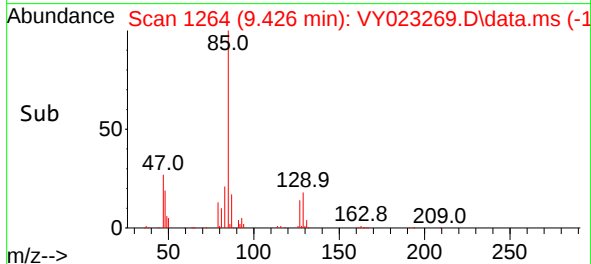
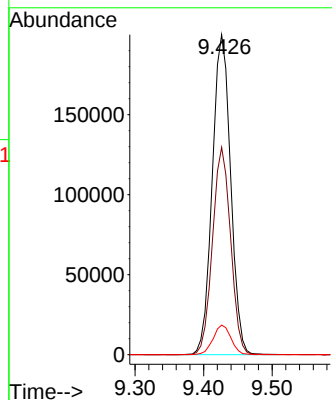
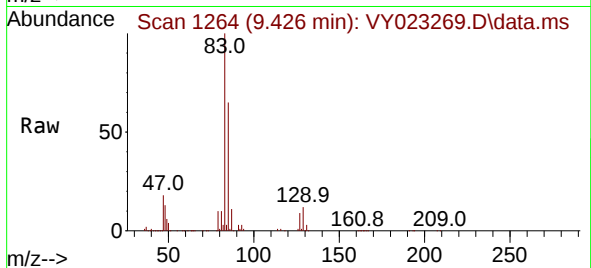




#47
Bromodichloromethane
Concen: 55.036 ug/l
RT: 9.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

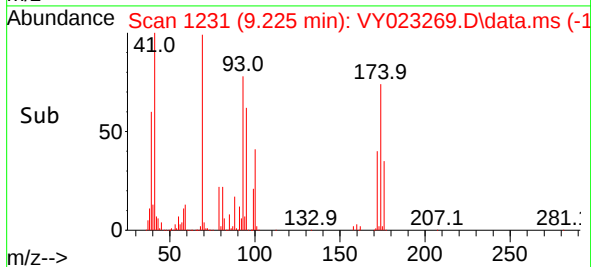
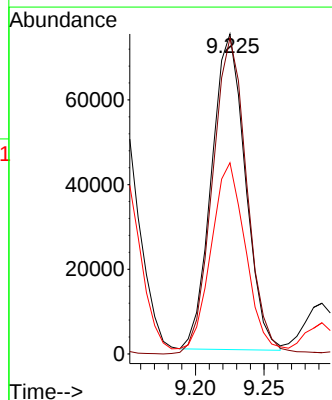
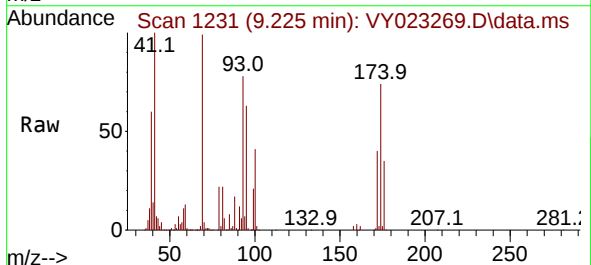
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

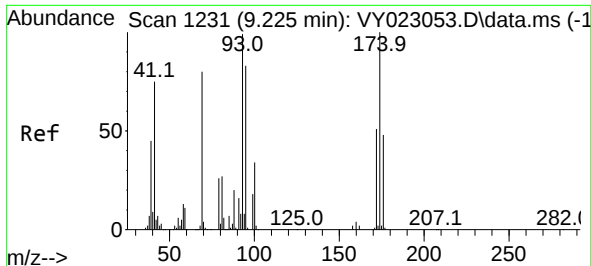
Tgt Ion: 83 Resp: 371725
Ion Ratio Lower Upper
83 100
85 64.8 50.2 75.4
127 9.2 6.6 10.0



#48
Methyl methacrylate
Concen: 48.828 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion: 41 Resp: 127928
Ion Ratio Lower Upper
41 100
69 102.3 73.2 109.8
39 59.2 47.0 70.4





#49

1,4-Dioxane

Concen: 1047.868 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

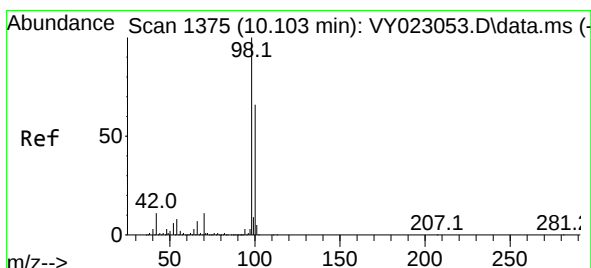
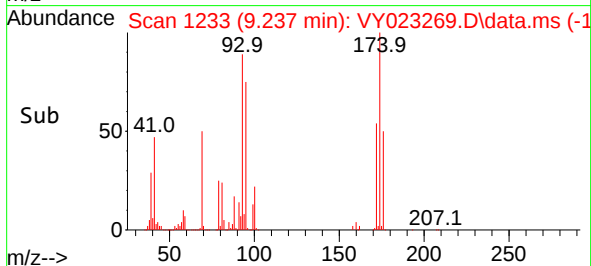
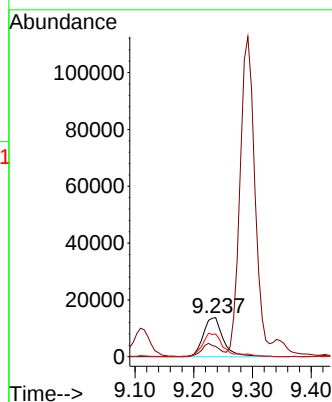
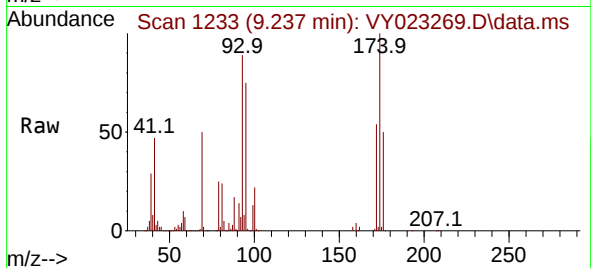
Tgt Ion: 88 Resp: 32251

Ion Ratio Lower Upper

88 100

43 29.1 24.3 36.5

58 65.0 55.4 83.0



#50

Toluene-d8

Concen: 49.529 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023269.D

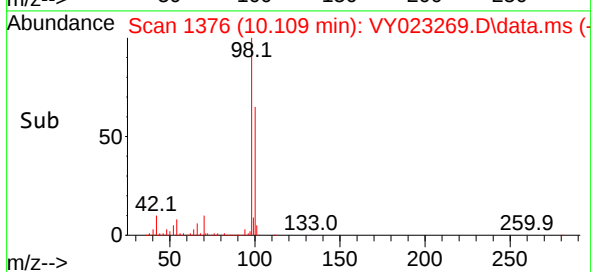
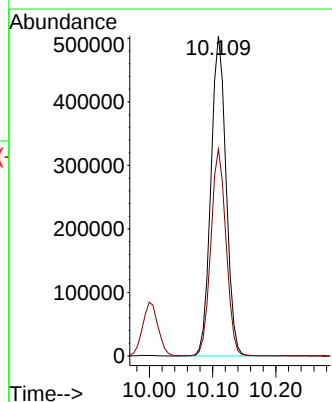
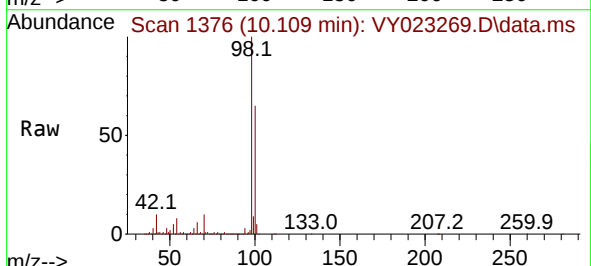
Acq: 03 Sep 2025 09:58

Tgt Ion: 98 Resp: 839595

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 256.875 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

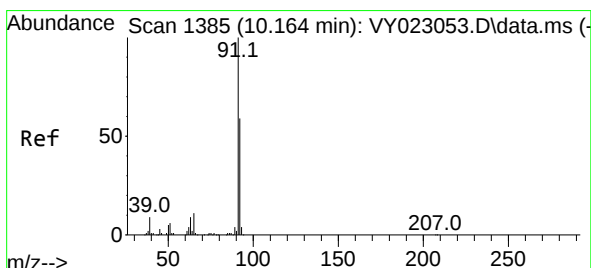
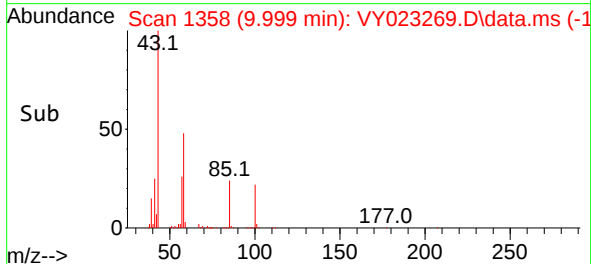
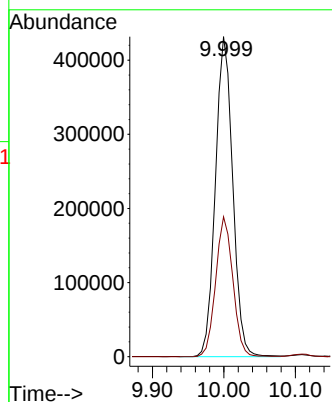
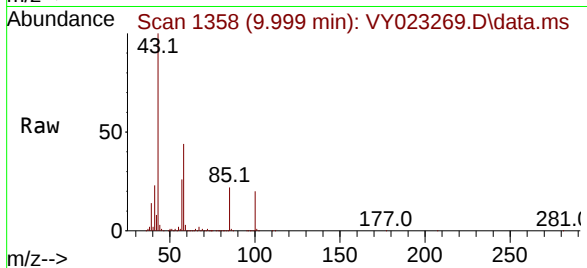
VSTDCCC050

Tgt Ion: 43 Resp: 725478

Ion Ratio Lower Upper

43 100

58 43.4 33.5 50.3



#52

Toluene

Concen: 54.880 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023269.D

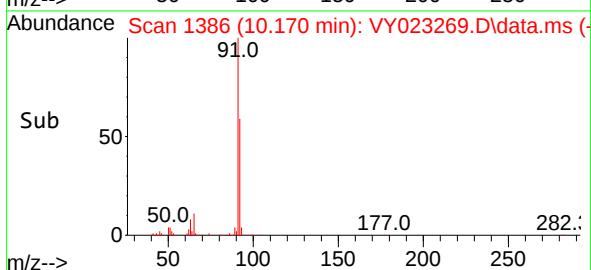
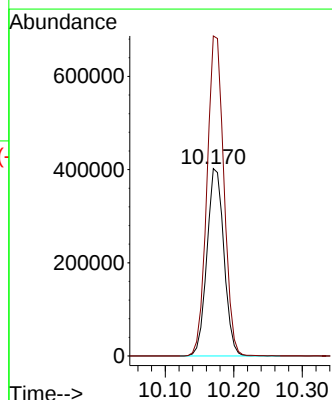
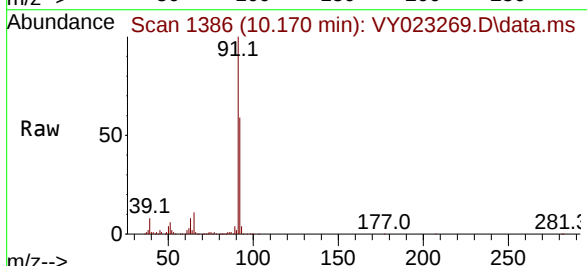
Acq: 03 Sep 2025 09:58

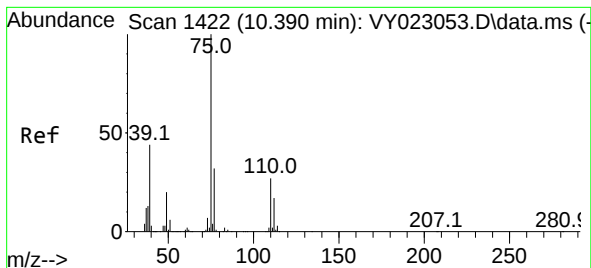
Tgt Ion: 92 Resp: 692788

Ion Ratio Lower Upper

92 100

91 170.1 136.4 204.6

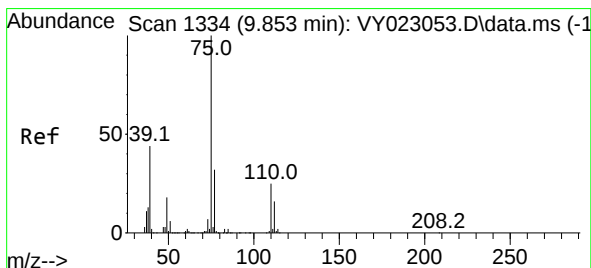
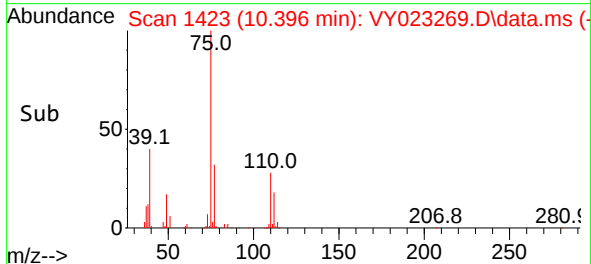
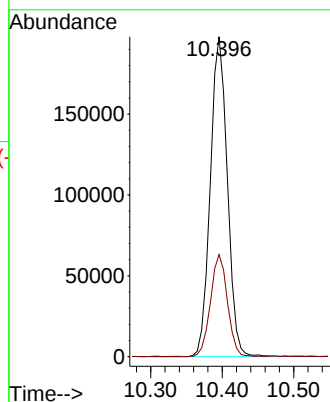
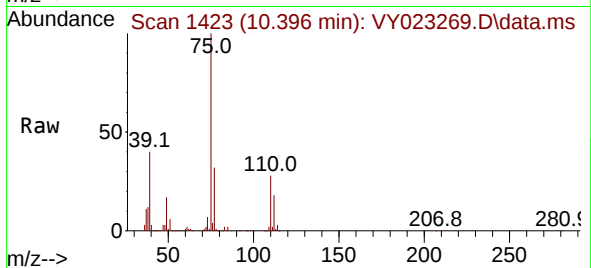




#53
t-1,3-Dichloropropene
Concen: 53.578 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

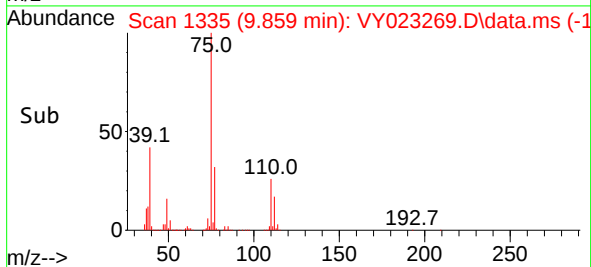
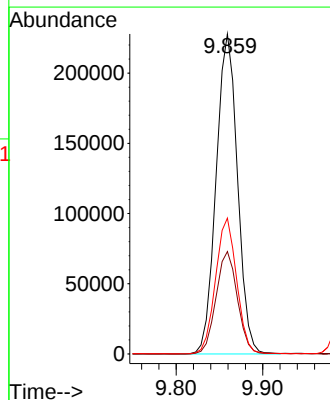
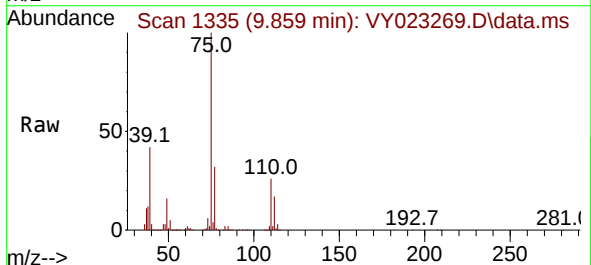
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

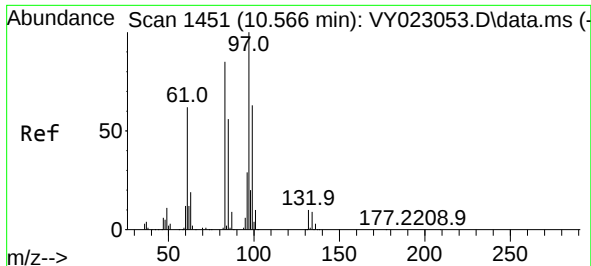
Tgt Ion: 75 Resp: 327695
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 53.958 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion: 75 Resp: 390247
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
39 42.4 35.6 53.4



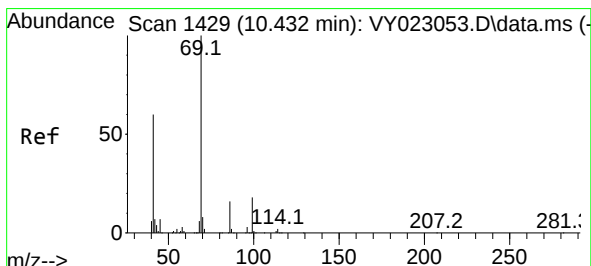
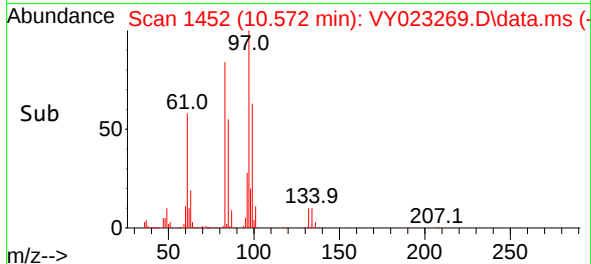
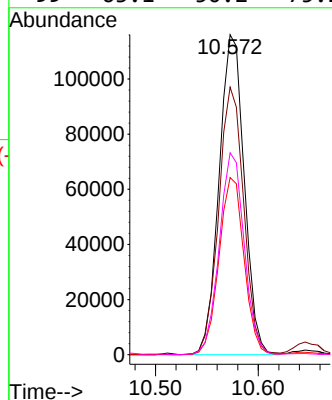
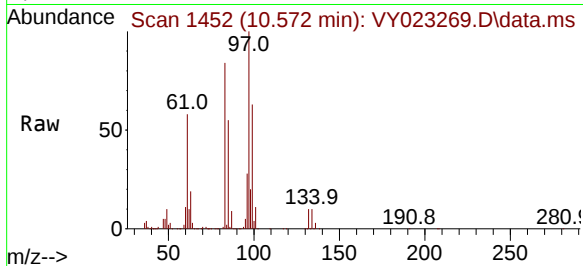


#55
1,1,2-Trichloroethane
Concen: 56.157 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 197244

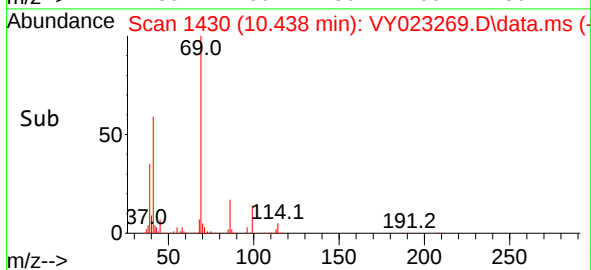
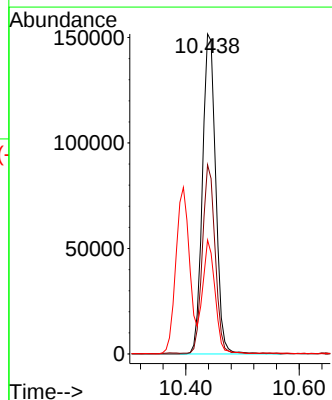
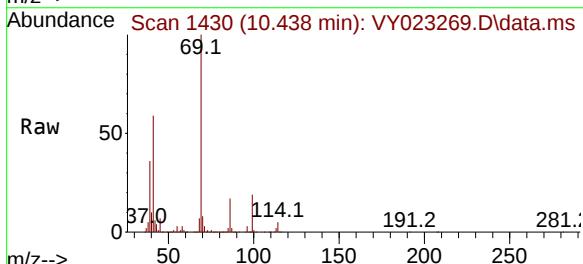
Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.7	101.5
85	55.4	44.5	66.7
99	63.1	50.2	75.2

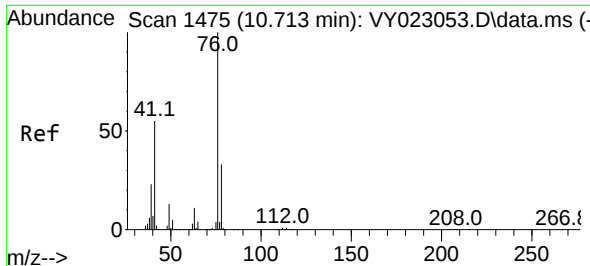


#56
Ethyl methacrylate
Concen: 54.736 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion: 69 Resp: 246009

Ion	Ratio	Lower	Upper
69	100		
41	56.5	48.6	72.8
39	32.6	27.0	40.4

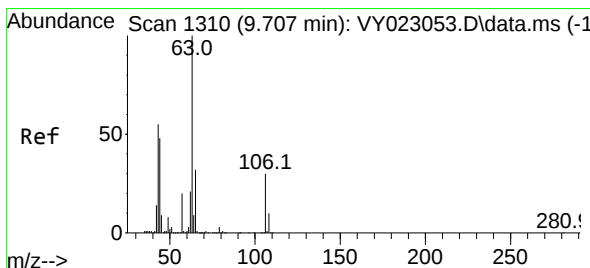
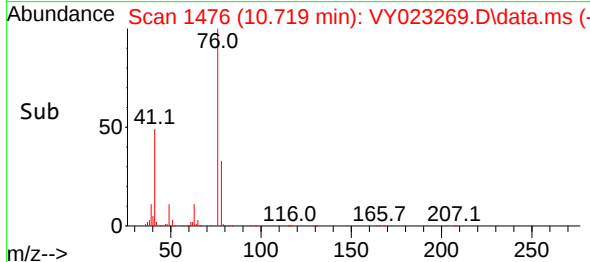
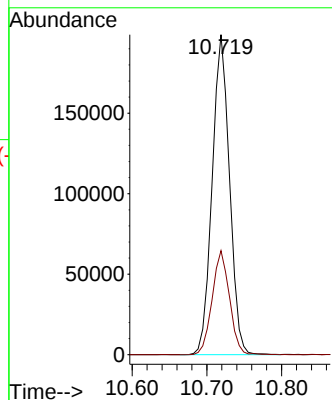
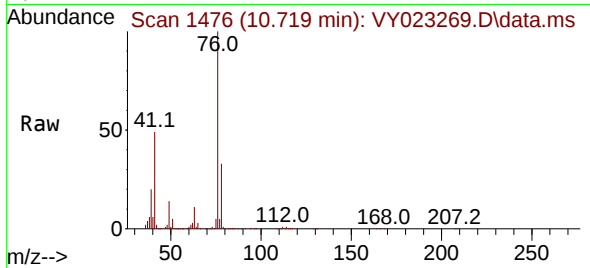




#57
1,3-Dichloropropane
Concen: 53.657 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

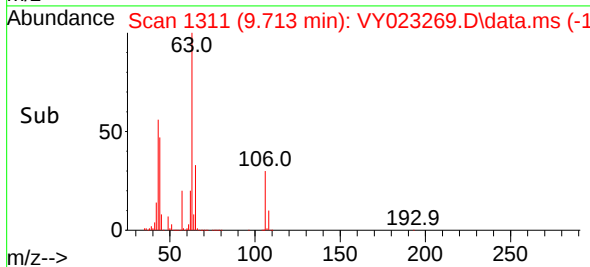
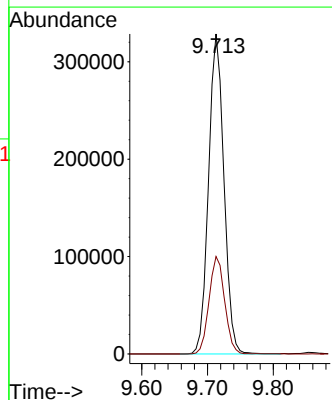
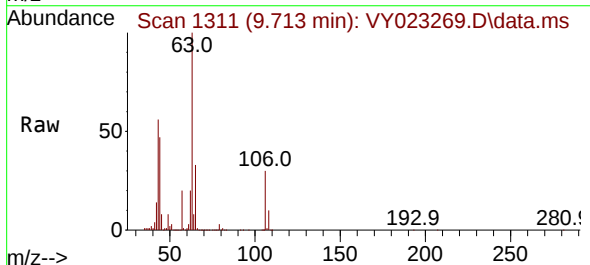
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

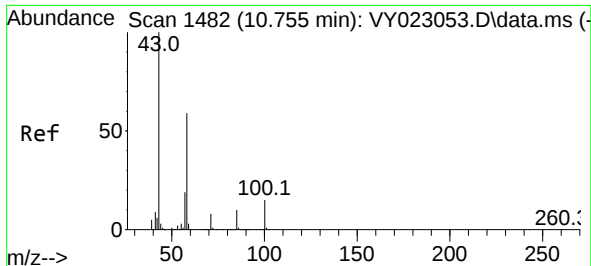
Tgt Ion: 76 Resp: 319623
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 252.100 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion: 63 Resp: 534459
Ion Ratio Lower Upper
63 100
106 30.9 23.2 34.8

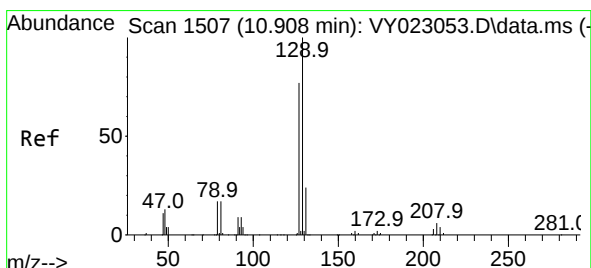
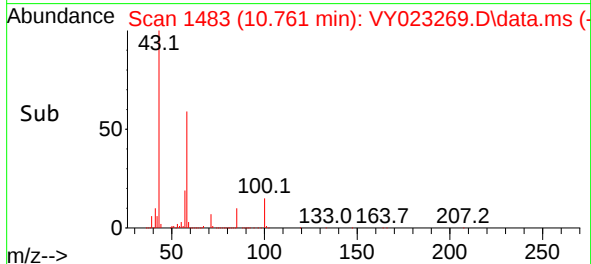
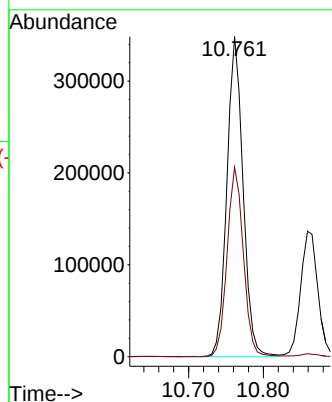
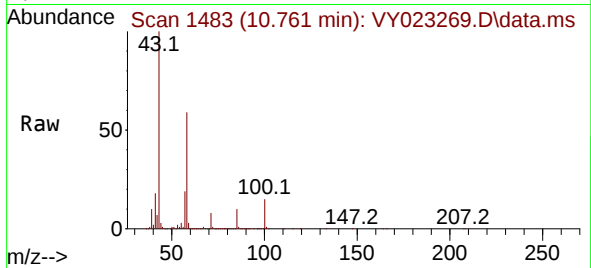




#59
2-Hexanone
Concen: 271.707 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

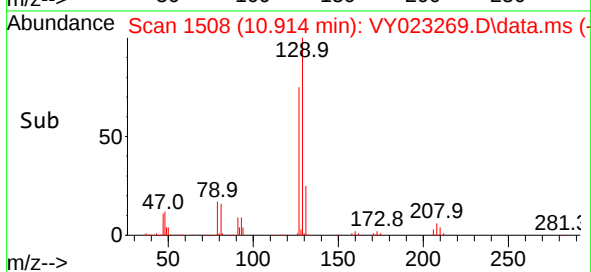
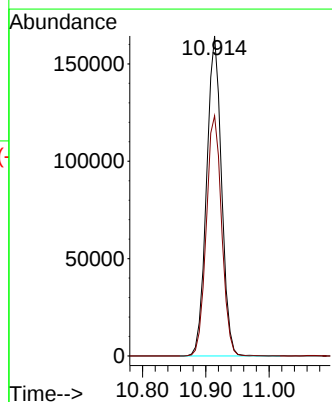
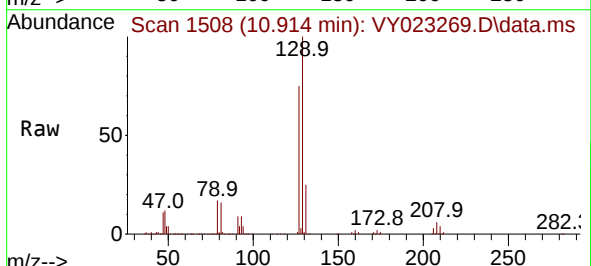
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

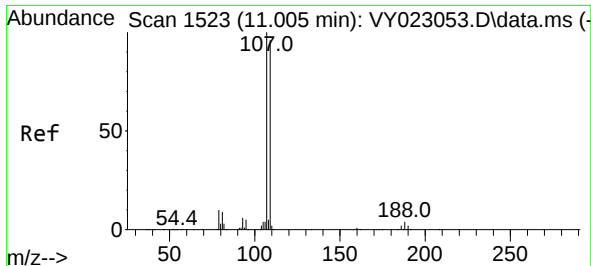
Tgt Ion: 43 Resp: 522526
Ion Ratio Lower Upper
43 100
58 59.8 29.5 88.5



#60
Dibromochloromethane
Concen: 58.173 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion: 129 Resp: 269605
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5

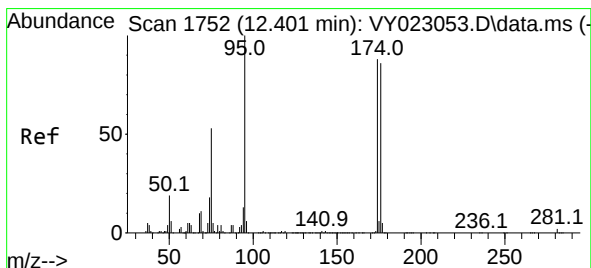
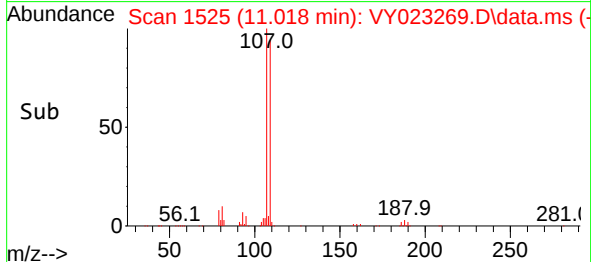
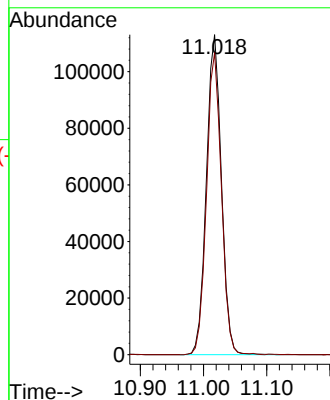
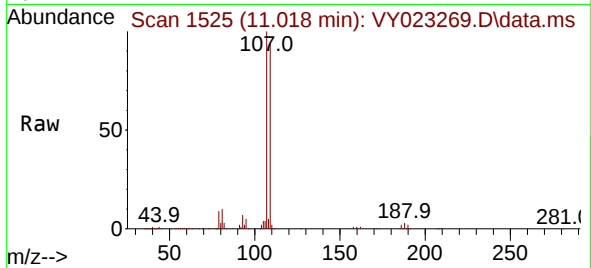




#61
1,2-Dibromoethane
Concen: 56.567 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

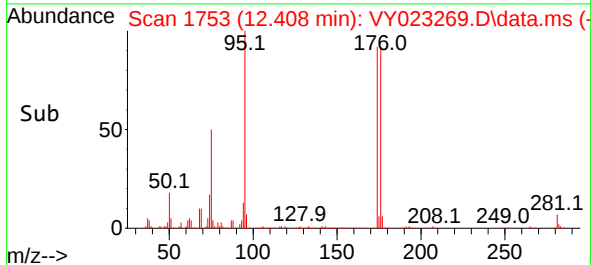
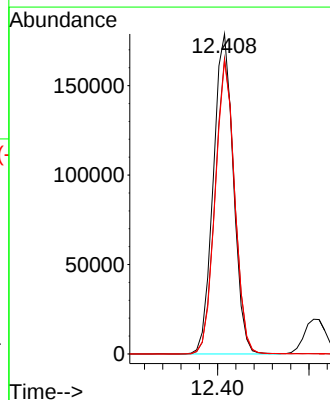
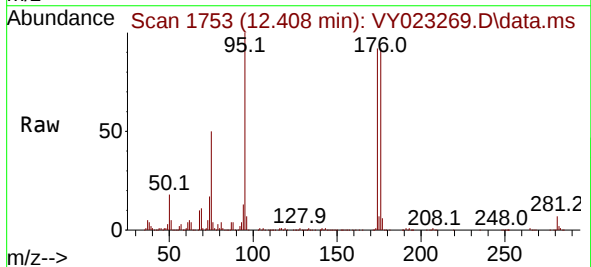
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

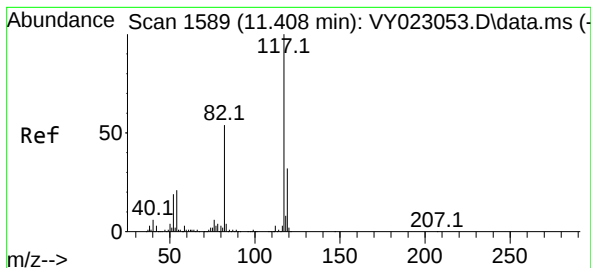
Tgt Ion:107 Resp: 186743
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.098 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion: 95 Resp: 273115
Ion Ratio Lower Upper
95 100
174 89.7 0.0 171.6
176 88.9 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

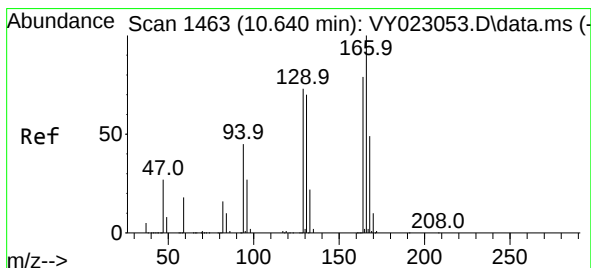
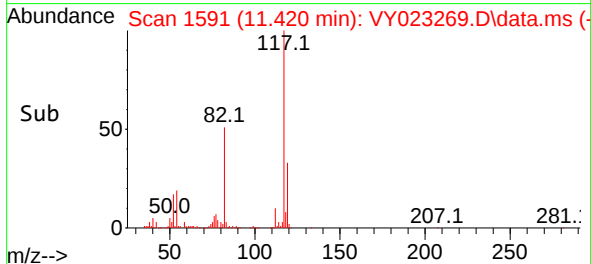
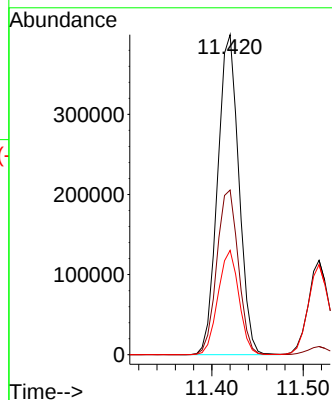
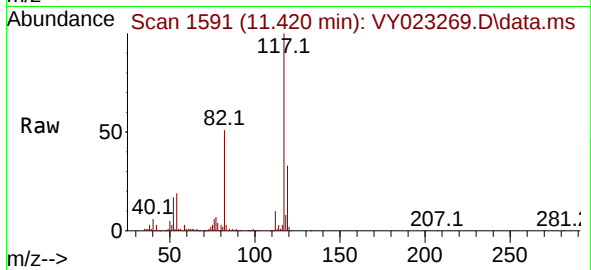
Tgt Ion:117 Resp: 645990

Ion Ratio Lower Upper

117 100

82 51.4 43.4 65.0

119 32.6 25.6 38.4



#64

Tetrachloroethene

Concen: 60.097 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.012 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Tgt Ion:164 Resp: 346656

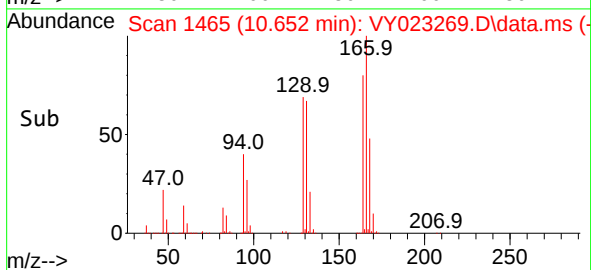
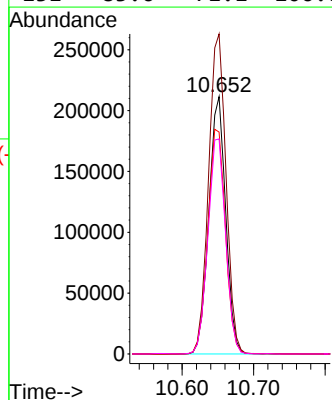
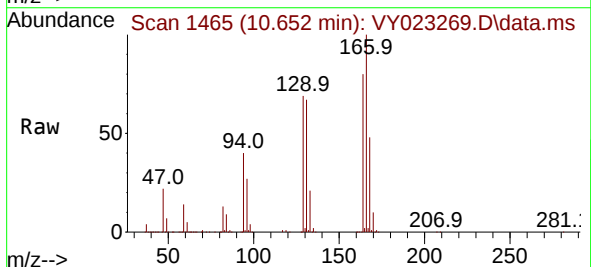
Ion Ratio Lower Upper

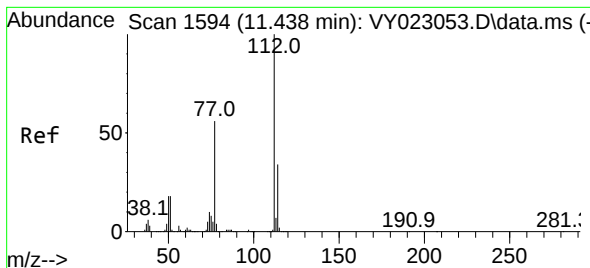
164 100

166 124.4 101.1 151.7

129 86.3 74.0 111.0

131 83.6 71.1 106.7





#65

Chlorobenzene

Concen: 55.343 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

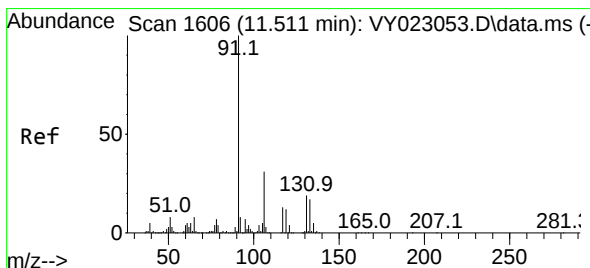
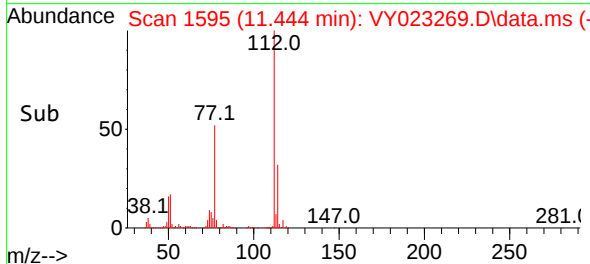
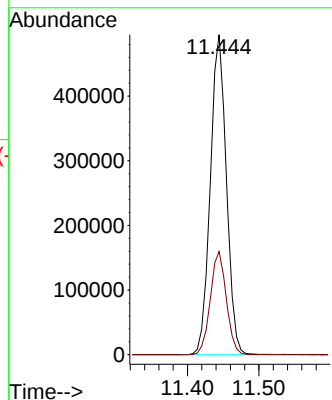
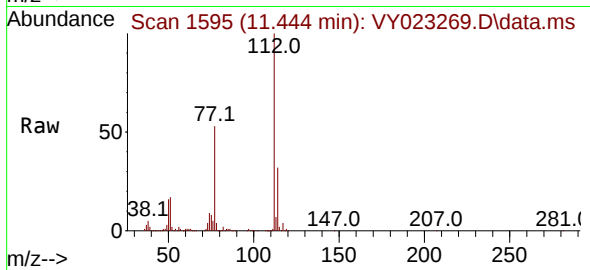
VSTDCCC050

Tgt Ion:112 Resp: 771159

Ion Ratio Lower Upper

112 100

114 32.3 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 57.587 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

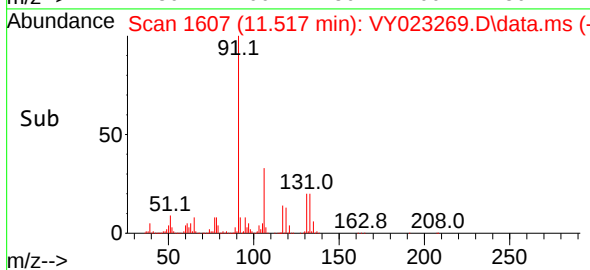
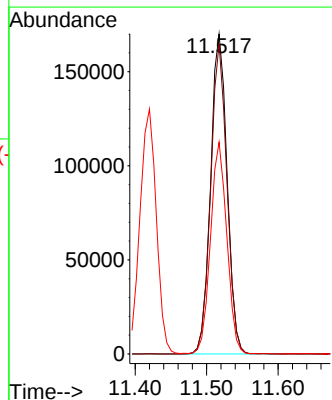
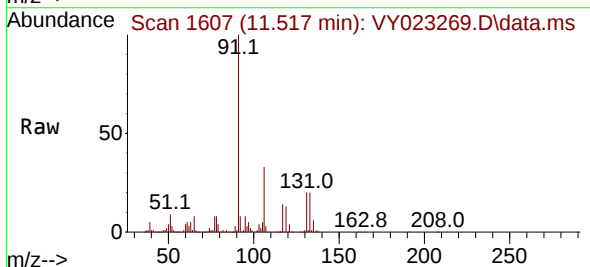
Tgt Ion:131 Resp: 272332

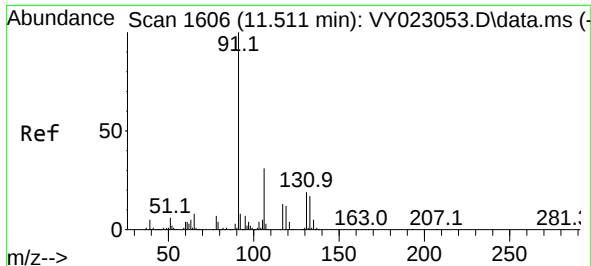
Ion Ratio Lower Upper

131 100

133 95.5 46.9 140.6

119 65.6 33.2 99.6





#67

Ethyl Benzene

Concen: 54.185 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

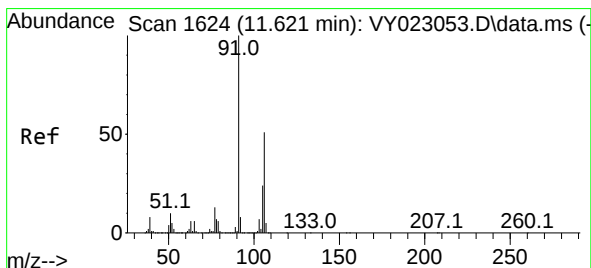
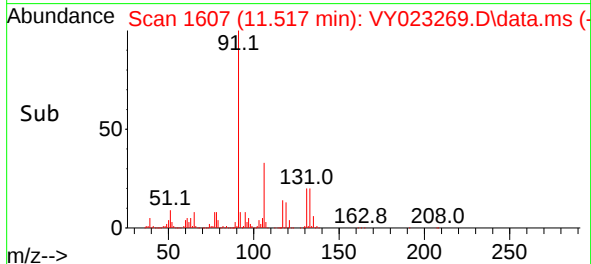
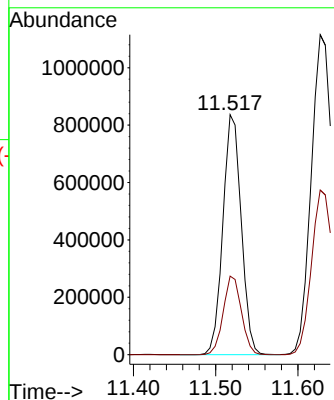
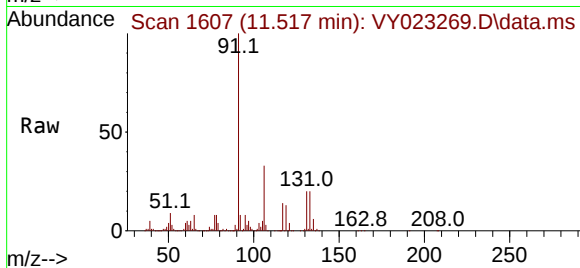
VSTDCCC050

Tgt Ion: 91 Resp: 1299307

Ion Ratio Lower Upper

91 100

106 32.7 25.0 37.4



#68

m/p-Xylenes

Concen: 111.080 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023269.D

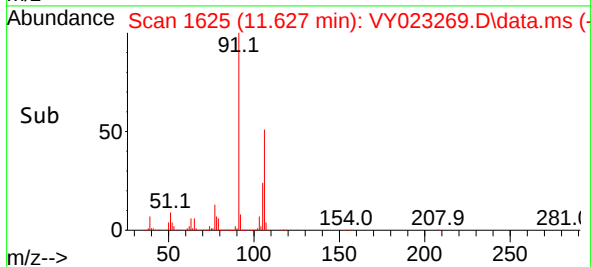
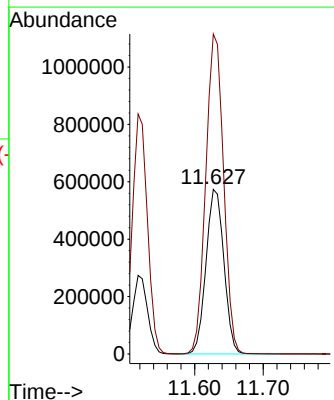
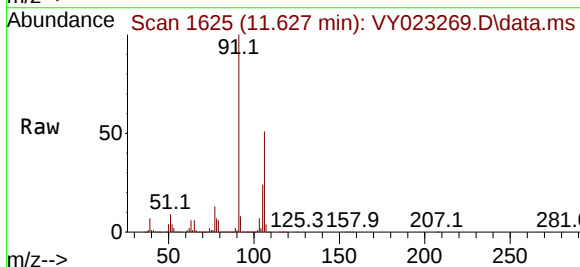
Acq: 03 Sep 2025 09:58

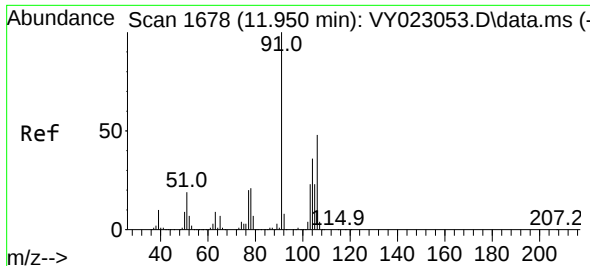
Tgt Ion:106 Resp: 1040302

Ion Ratio Lower Upper

106 100

91 193.6 158.6 238.0

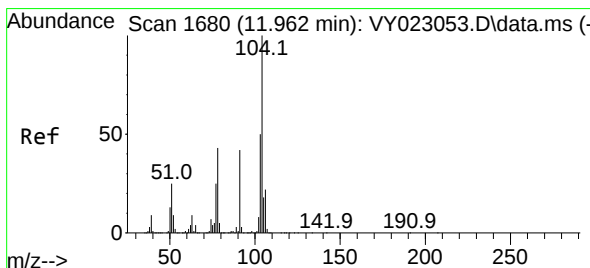
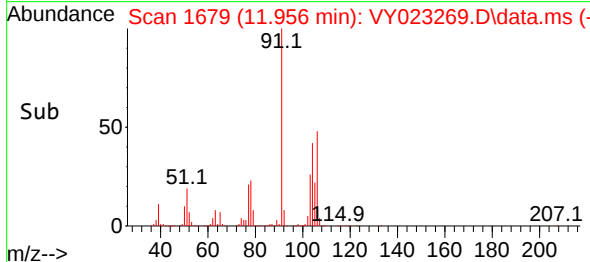
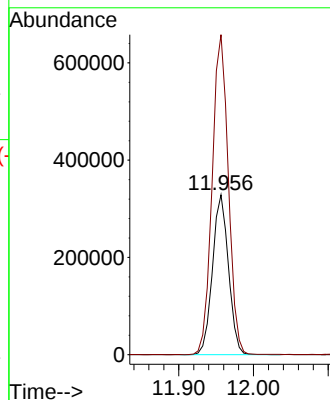
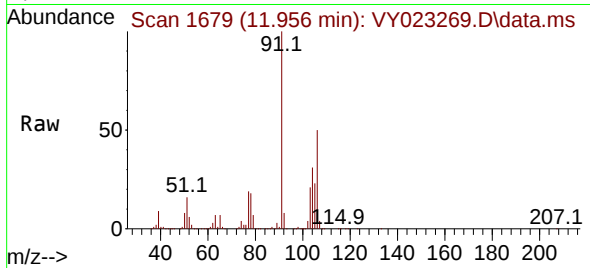




#69
o-Xylene
Concen: 55.611 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

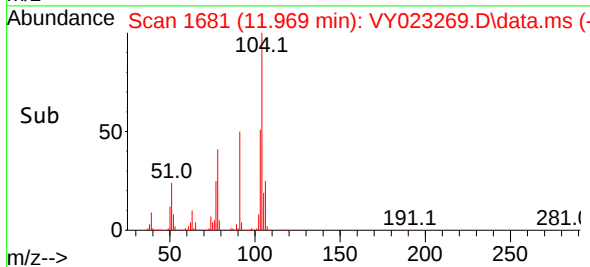
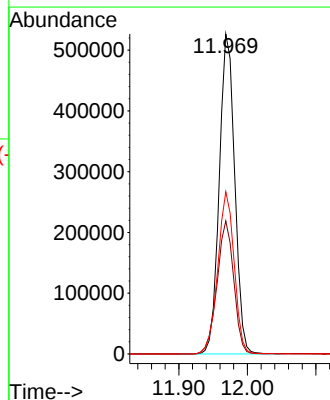
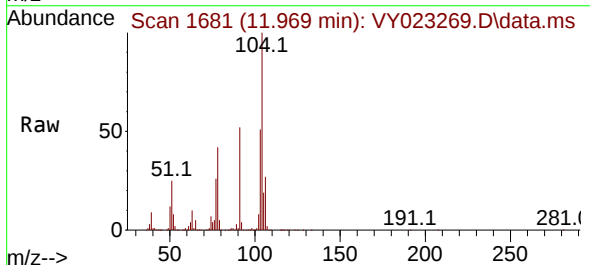
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

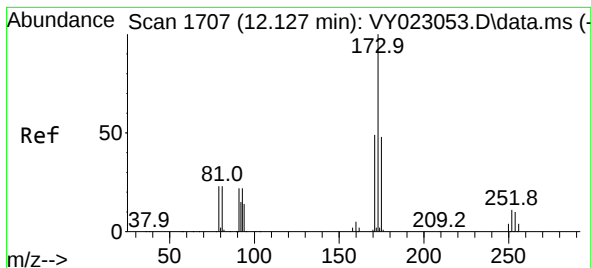
Tgt Ion:106 Resp: 487794
Ion Ratio Lower Upper
106 100
91 202.9 103.2 309.4



#70
Styrene
Concen: 57.308 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion:104 Resp: 822067
Ion Ratio Lower Upper
104 100
78 44.8 38.5 57.7
103 53.9 43.7 65.5





#71

Bromoform

Concen: 58.982 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

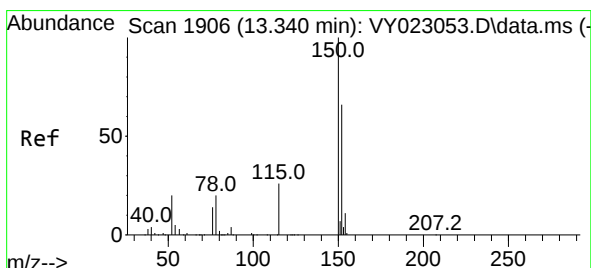
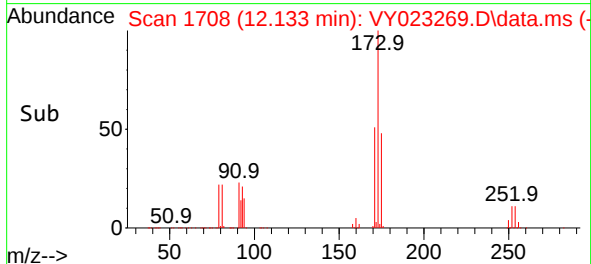
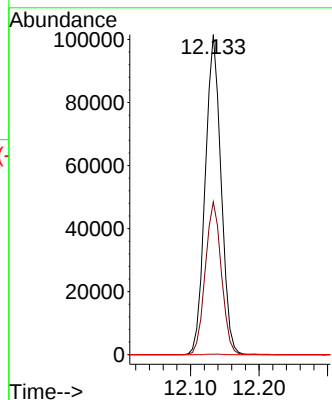
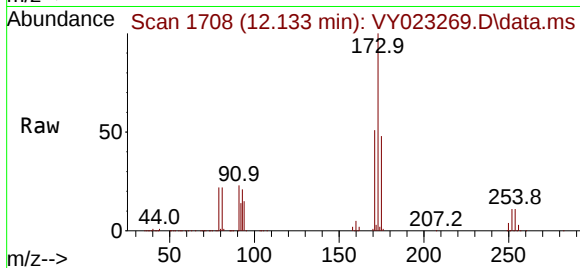
Tgt Ion:173 Resp: 163022

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.7

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

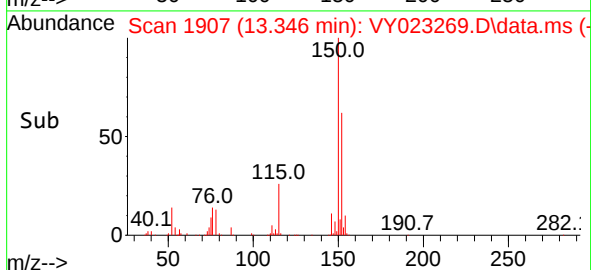
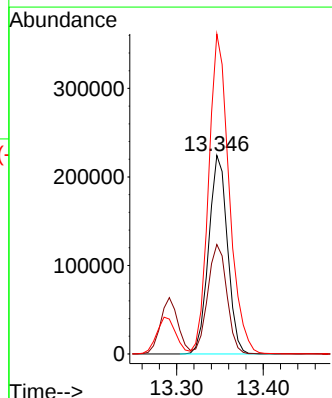
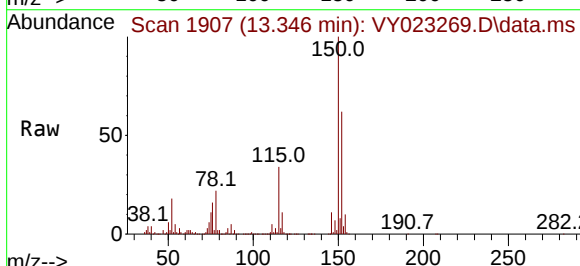
Tgt Ion:152 Resp: 337743

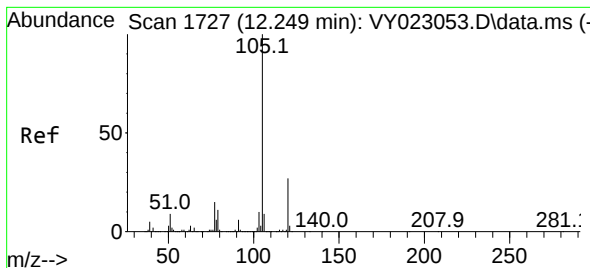
Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.6

150 175.6 0.0 348.0





#73

Isopropylbenzene

Concen: 53.997 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

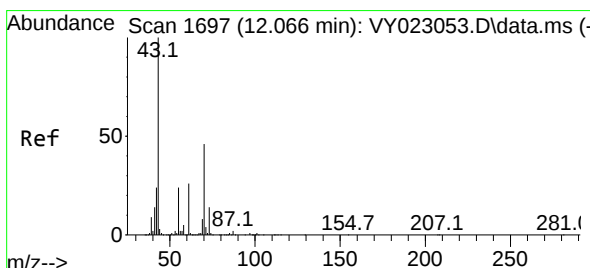
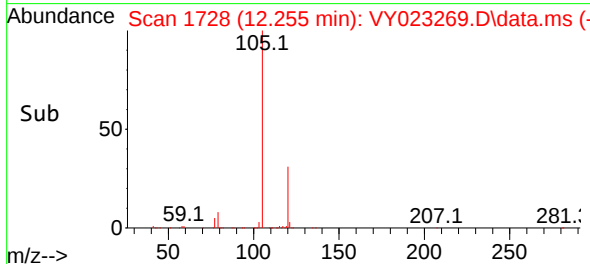
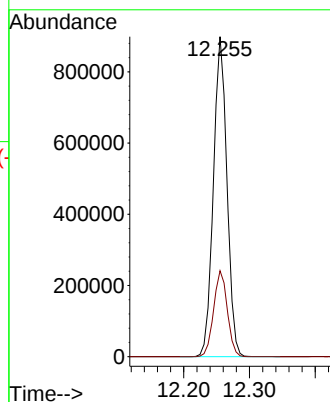
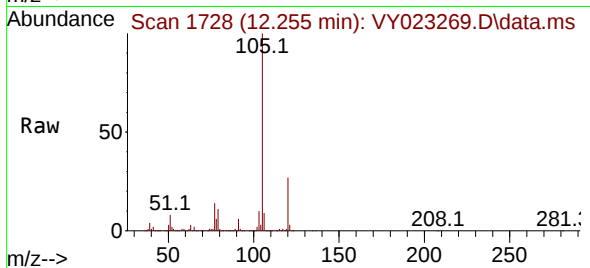
VSTDCCC050

Tgt Ion:105 Resp: 1287160

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 48.233 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Tgt Ion: 43 Resp: 243826

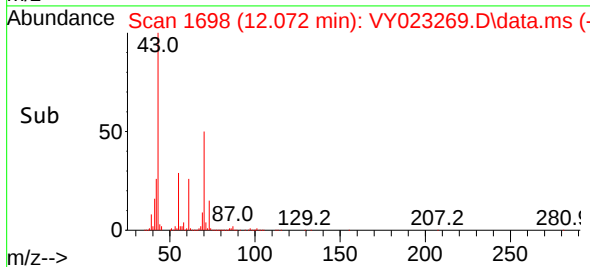
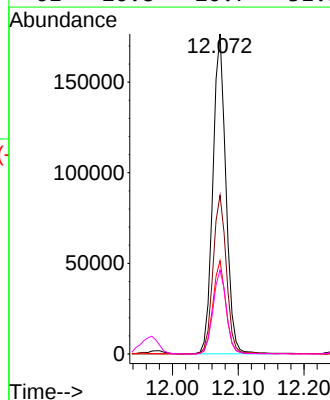
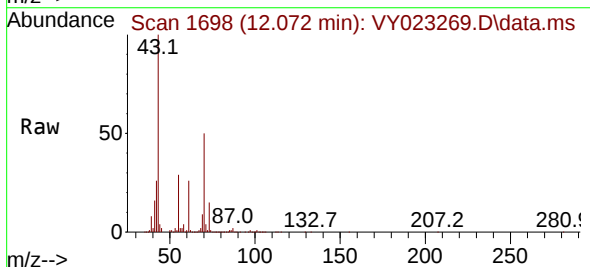
Ion Ratio Lower Upper

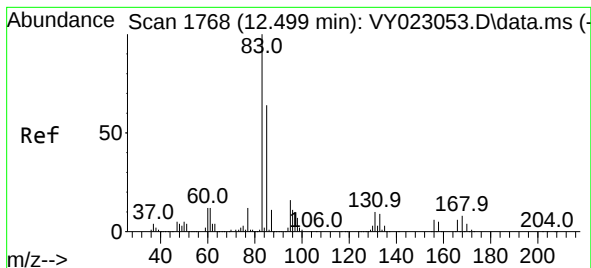
43 100

70 50.9 37.5 56.3

55 28.7 20.7 31.1

61 26.8 20.7 31.1





#75

1,1,2-Tetrachloroethane

Concen: 50.802 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

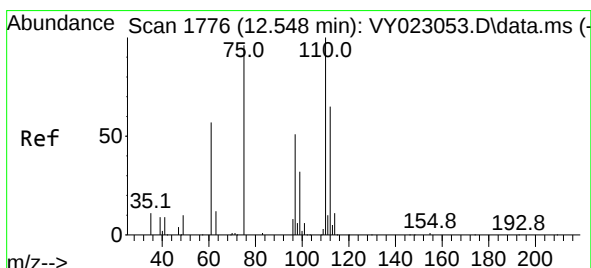
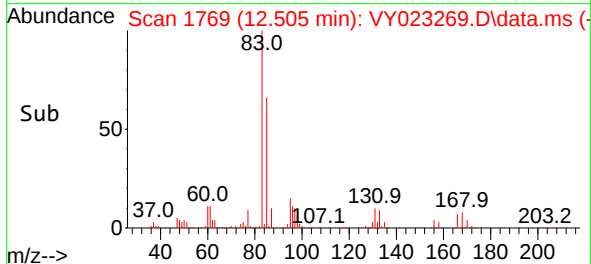
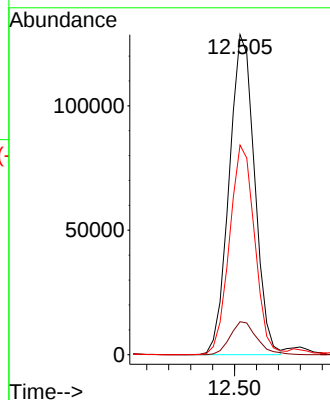
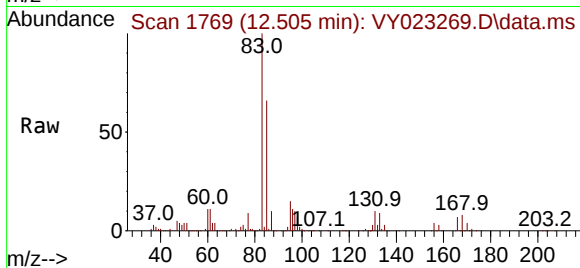
Tgt Ion: 83 Resp: 206774

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

85 65.1 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 84.279 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023269.D

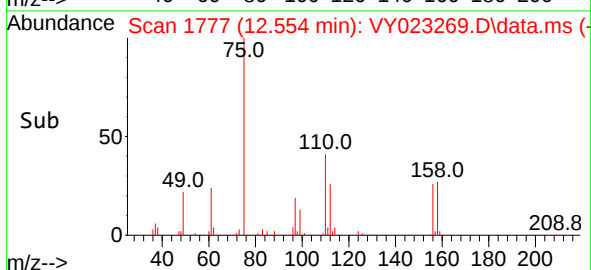
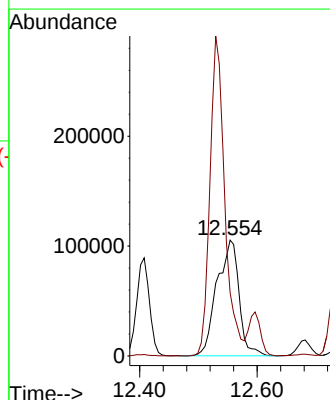
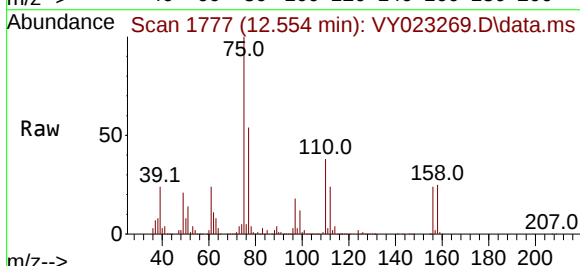
Acq: 03 Sep 2025 09:58

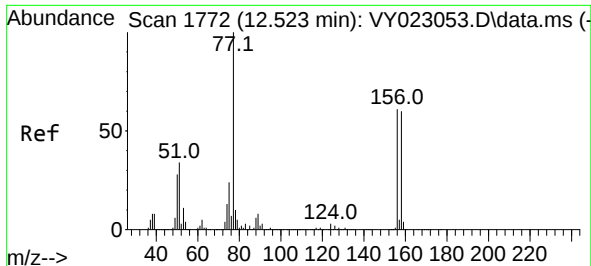
Tgt Ion: 75 Resp: 274714

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

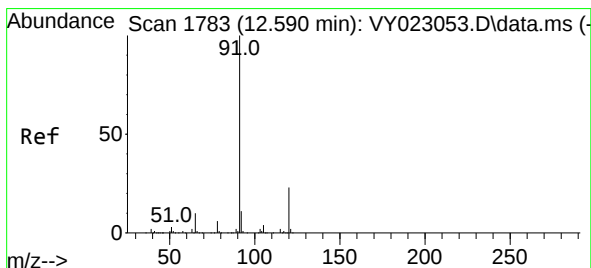
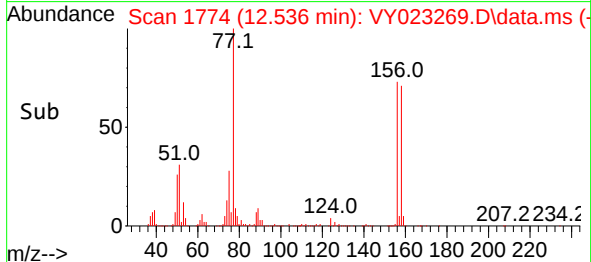
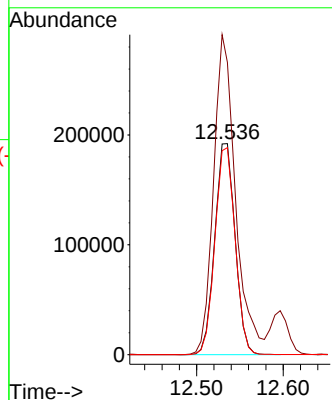
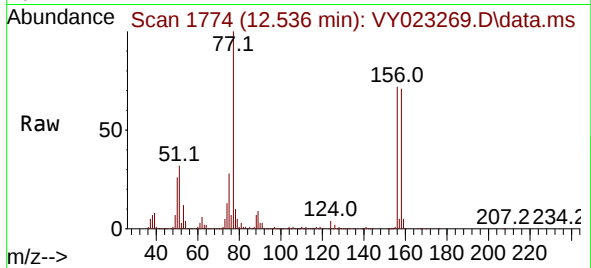




#77
Bromobenzene
Concen: 55.121 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.012 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

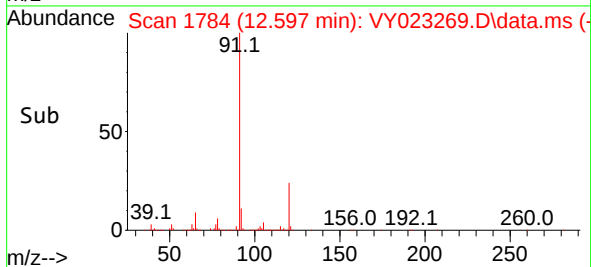
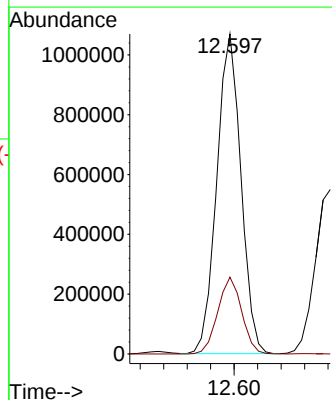
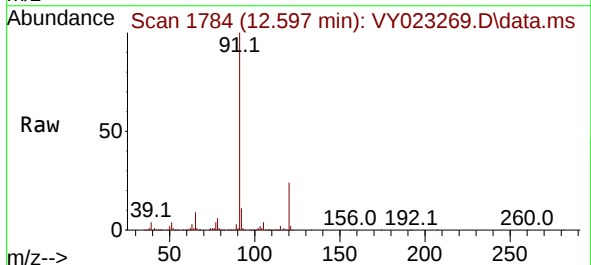
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

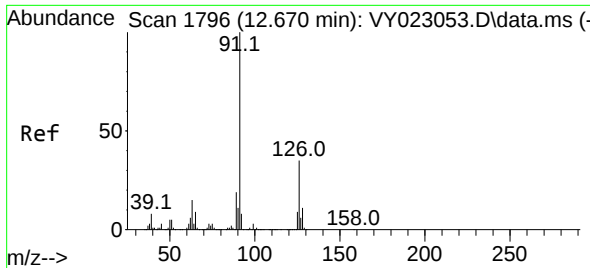
Tgt Ion:156 Resp: 313466
Ion Ratio Lower Upper
156 100
77 163.7 88.1 264.4
158 97.8 48.0 144.0



#78
n-propylbenzene
Concen: 53.794 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion: 91 Resp: 1526692
Ion Ratio Lower Upper
91 100
120 23.8 11.5 34.5

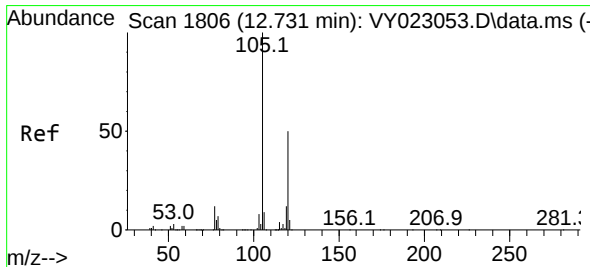
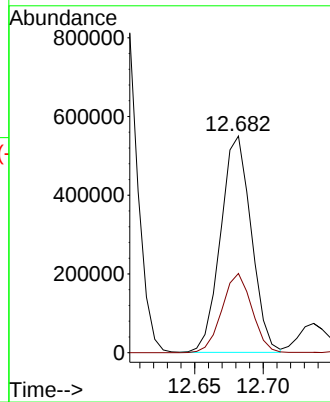
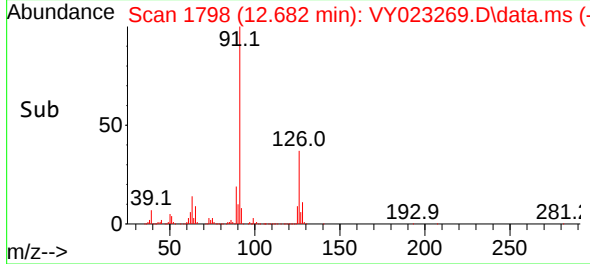
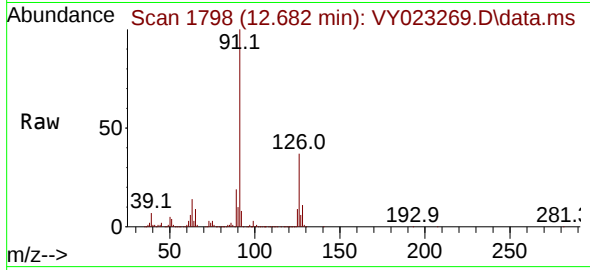




#79
2-Chlorotoluene
Concen: 52.561 ug/l
RT: 12.682 min Scan# 1796
Delta R.T. 0.012 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

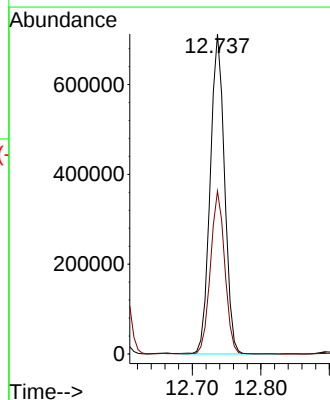
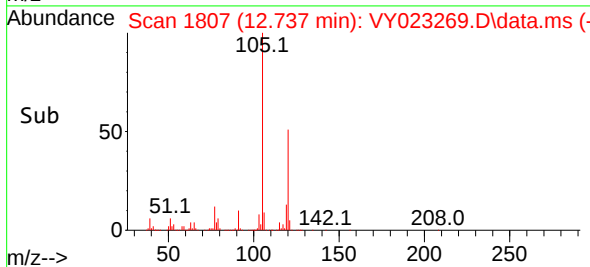
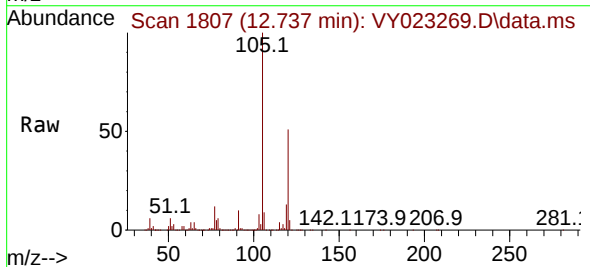
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

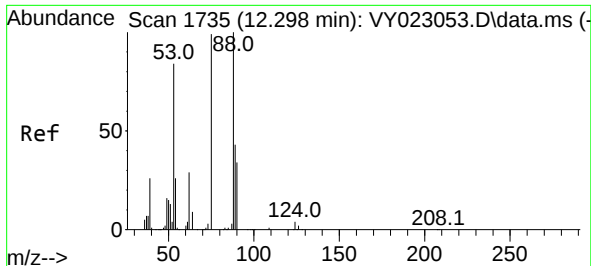
Tgt Ion: 91 Resp: 854670
Ion Ratio Lower Upper
91 100
126 35.8 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 53.675 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion: 105 Resp: 1034057
Ion Ratio Lower Upper
105 100
120 50.6 24.8 74.4

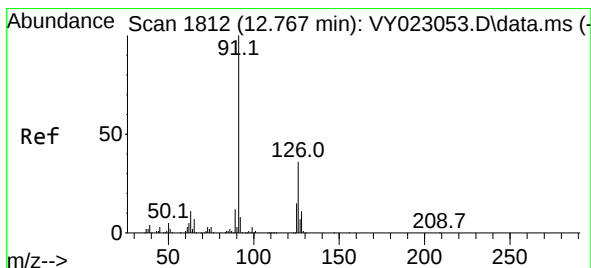
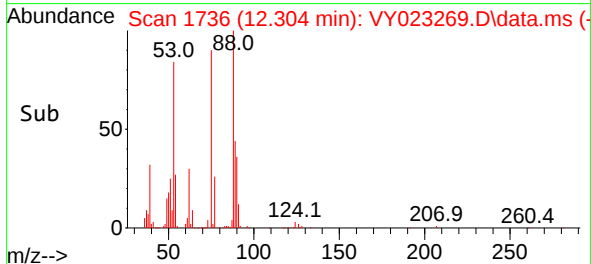
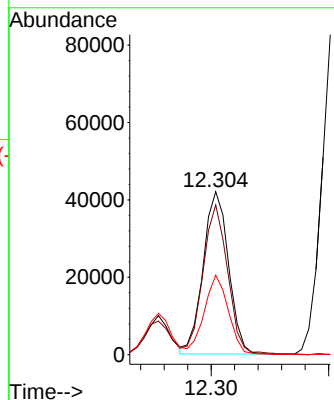
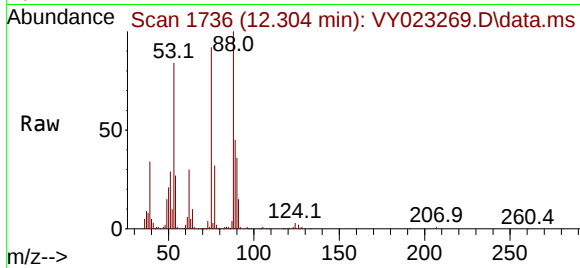




#81
trans-1,4-Dichloro-2-butene
Concen: 47.008 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

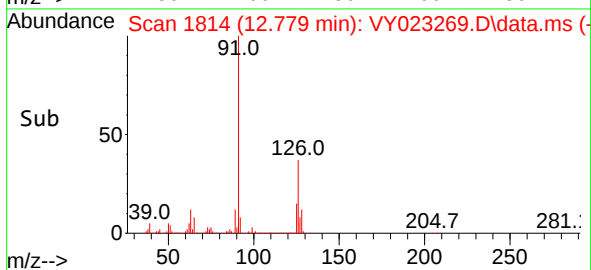
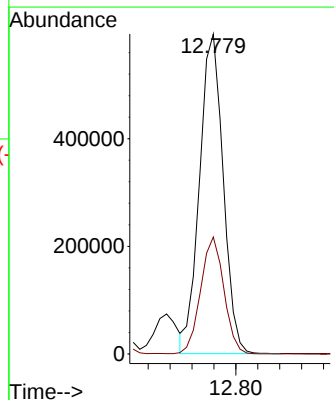
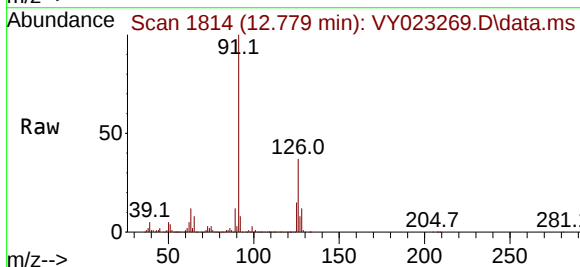
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 63299
Ion Ratio Lower Upper
75 100
53 90.3 70.8 106.2
89 46.3 38.1 57.1



#82
4-Chlorotoluene
Concen: 52.684 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.012 min
Lab File: VY023269.D
Acq: 03 Sep 2025 09:58

Tgt Ion: 91 Resp: 888703
Ion Ratio Lower Upper
91 100
126 35.9 17.3 52.0





#83

tert-Butylbenzene

Concen: 54.146 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

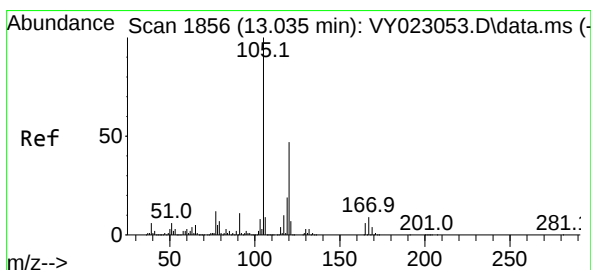
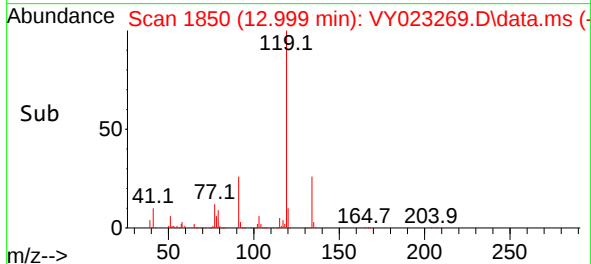
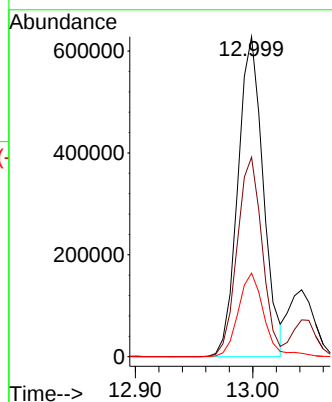
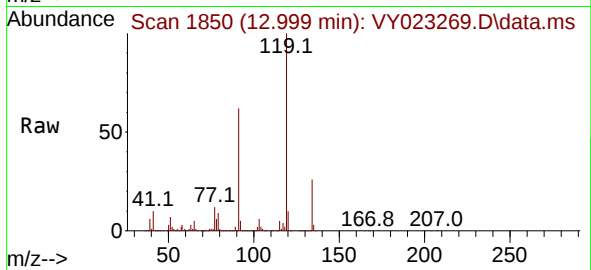
Tgt Ion:119 Resp: 942129

Ion Ratio Lower Upper

119 100

91 61.6 31.6 94.8

134 26.6 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 54.290 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023269.D

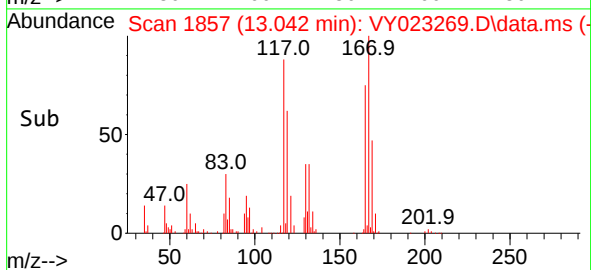
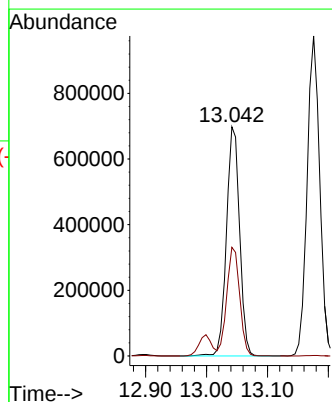
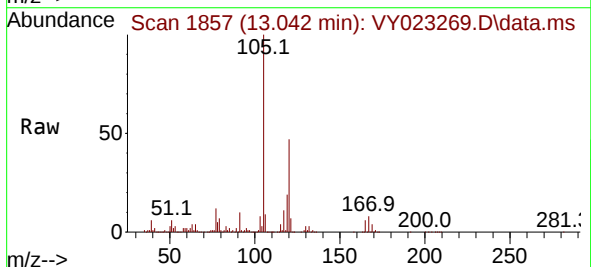
Acq: 03 Sep 2025 09:58

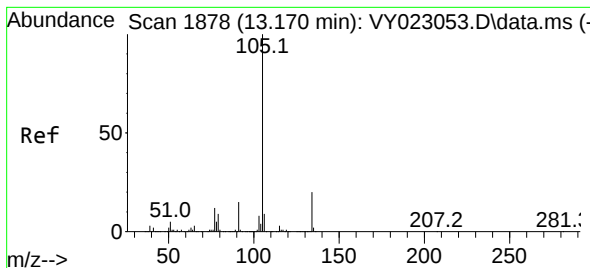
Tgt Ion:105 Resp: 1041166

Ion Ratio Lower Upper

105 100

120 46.8 23.0 69.0





#85

sec-Butylbenzene

Concen: 54.540 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

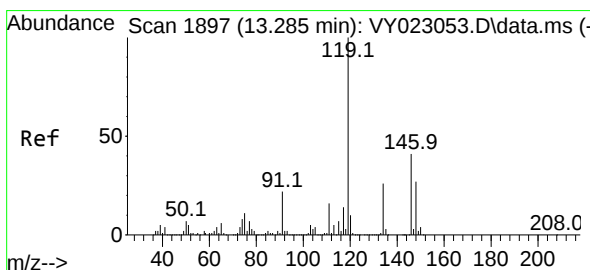
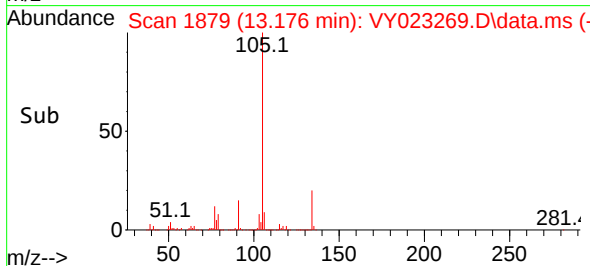
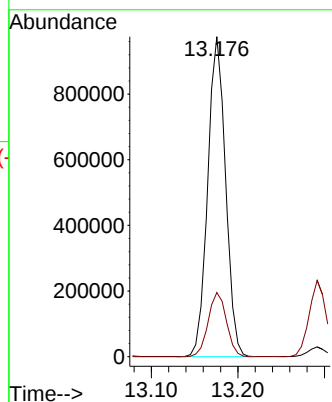
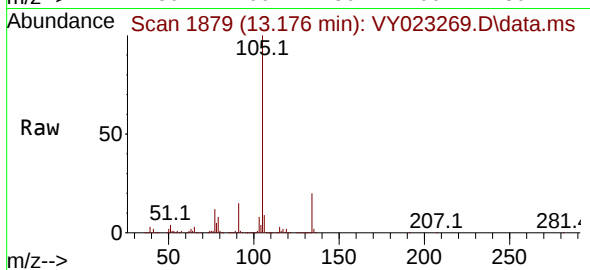
VSTDCCC050

Tgt Ion:105 Resp: 1394052

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 55.353 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

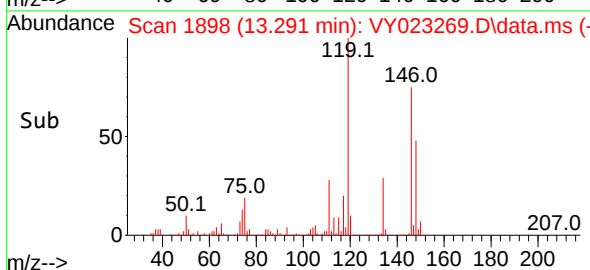
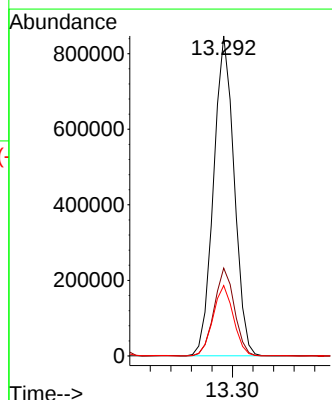
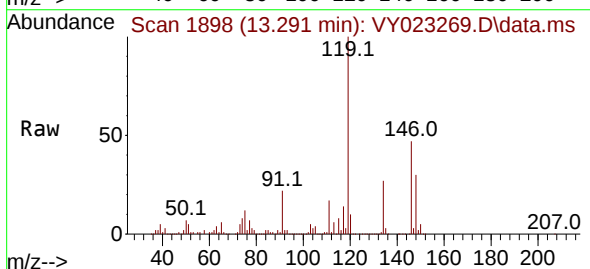
Tgt Ion:119 Resp: 1174371

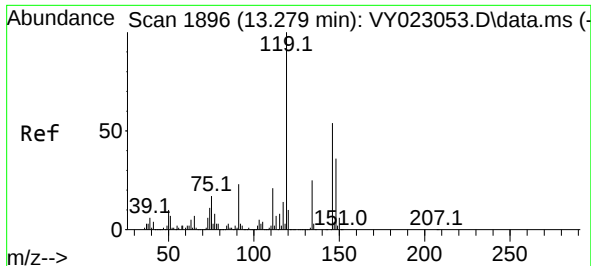
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.6

91 21.8 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 55.948 ug/l

RT: 13.285 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

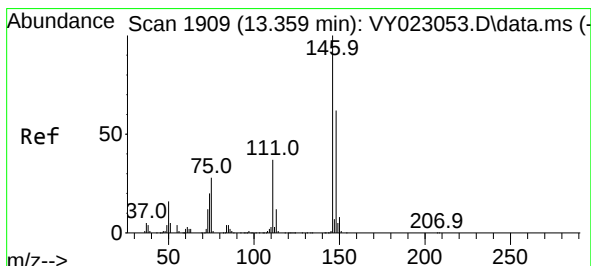
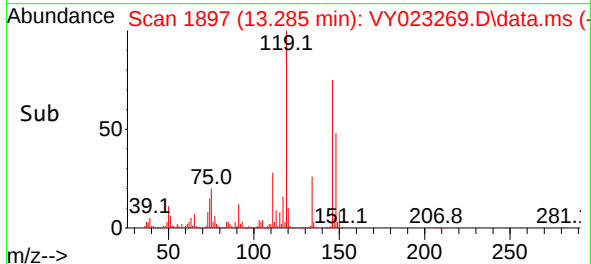
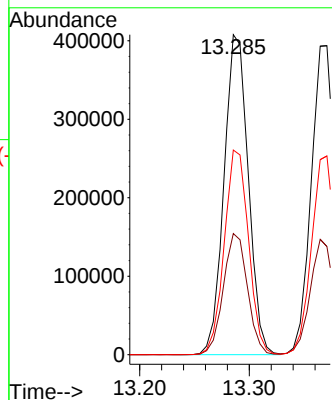
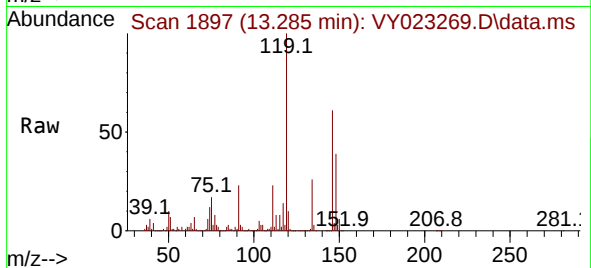
Tgt Ion:146 Resp: 627445

Ion Ratio Lower Upper

146 100

111 37.7 19.6 58.7

148 64.0 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 54.996 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.012 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

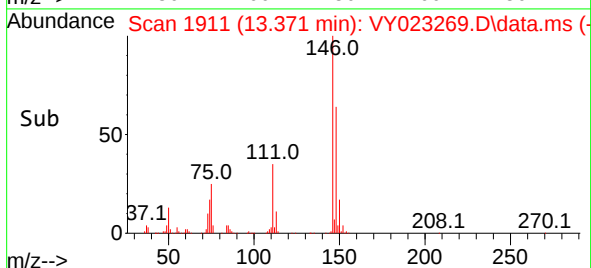
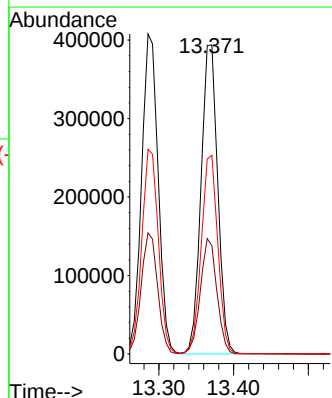
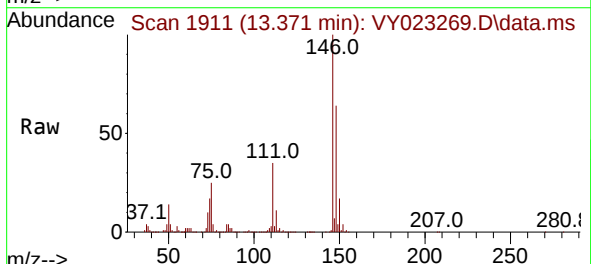
Tgt Ion:146 Resp: 611826

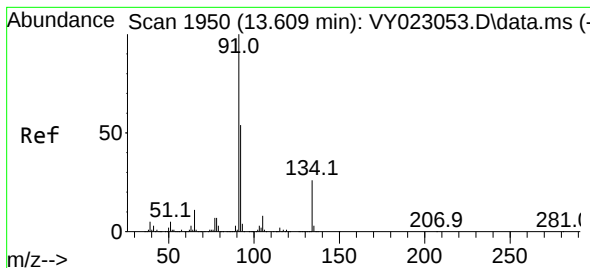
Ion Ratio Lower Upper

146 100

111 36.8 19.1 57.1

148 63.8 31.6 94.7





#89

n-Butylbenzene

Concen: 53.807 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.012 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

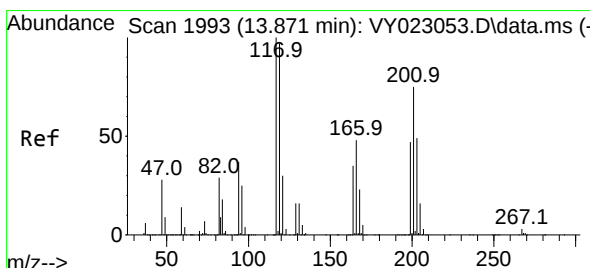
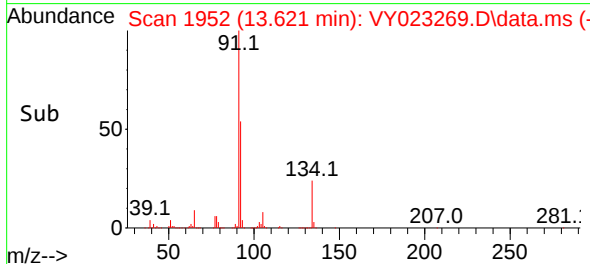
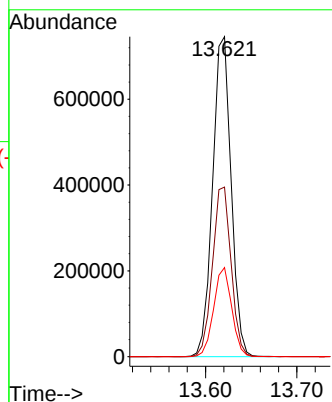
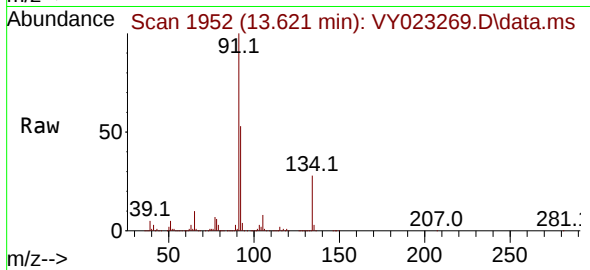
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1048476

Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.9	80.7
134	27.2	13.2	39.5



#90

Hexachloroethane

Concen: 54.779 ug/l

RT: 13.883 min Scan# 1995

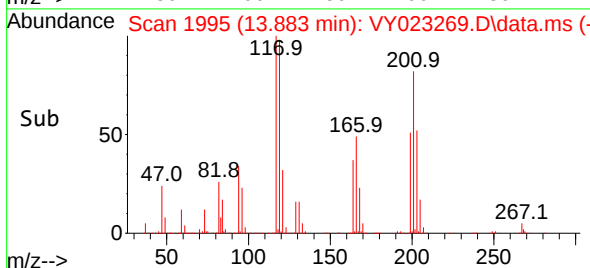
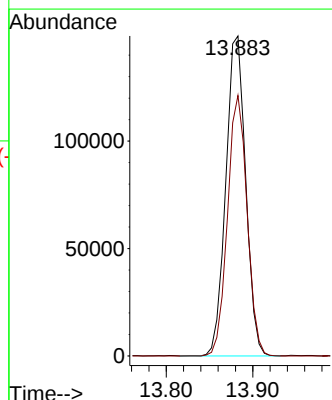
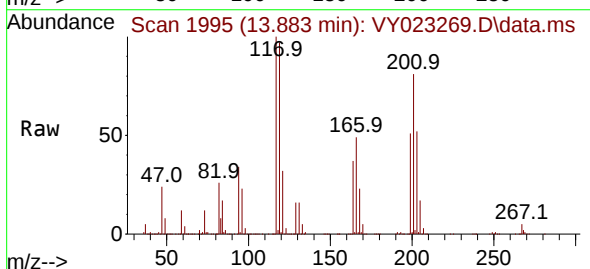
Delta R.T. 0.012 min

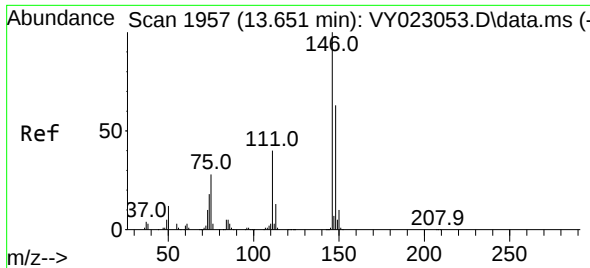
Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Tgt Ion: 117 Resp: 237913

Ion	Ratio	Lower	Upper
117	100		
201	79.9	38.4	115.1

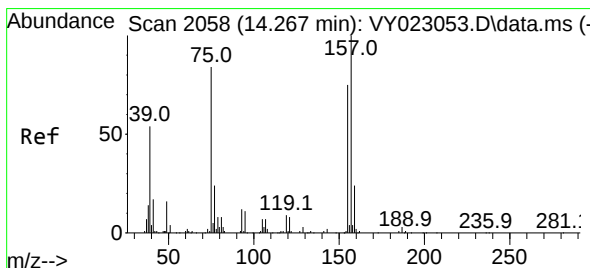
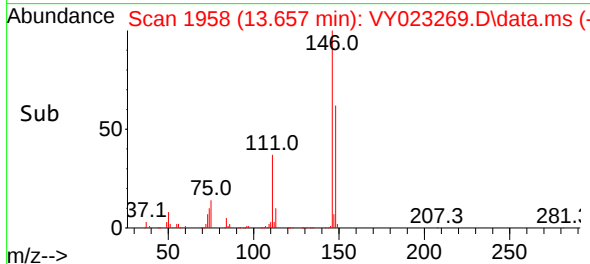
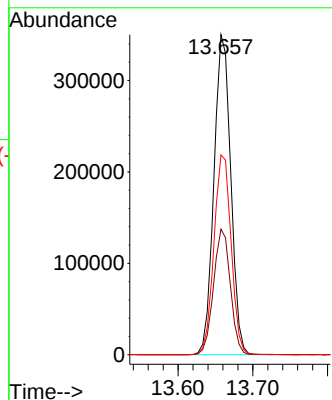
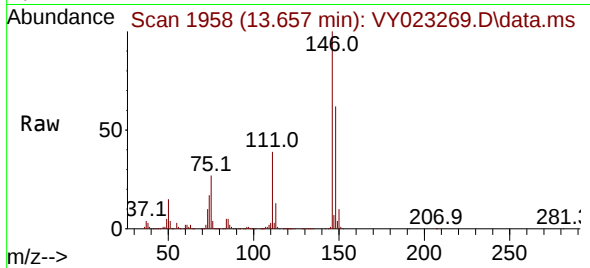




#91
 1,2-Dichlorobenzene
 Concen: 55.731 ug/l
 RT: 13.657 min Scan# 1957
 Delta R.T. 0.006 min
 Lab File: VY023269.D
 Acq: 03 Sep 2025 09:58

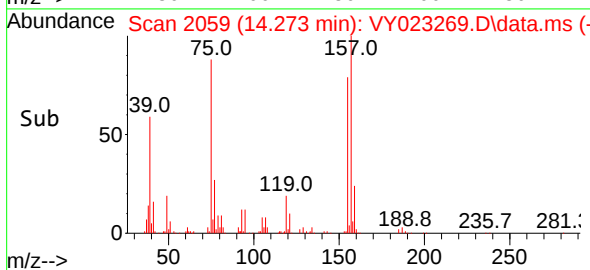
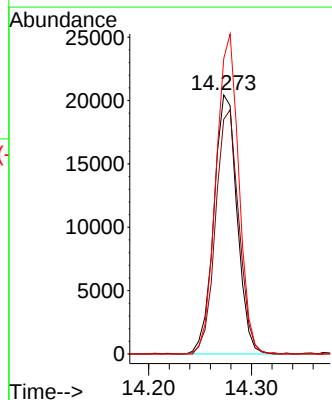
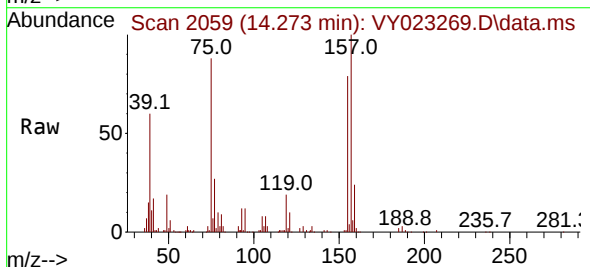
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 548132
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.3 60.8
 148 63.7 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.598 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.006 min
 Lab File: VY023269.D
 Acq: 03 Sep 2025 09:58

Tgt Ion: 75 Resp: 32065
 Ion Ratio Lower Upper
 75 100
 155 94.0 43.9 131.6
 157 120.7 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 55.945 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

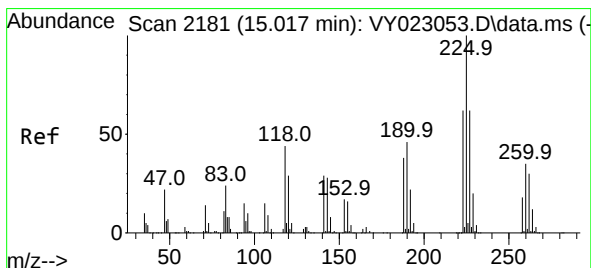
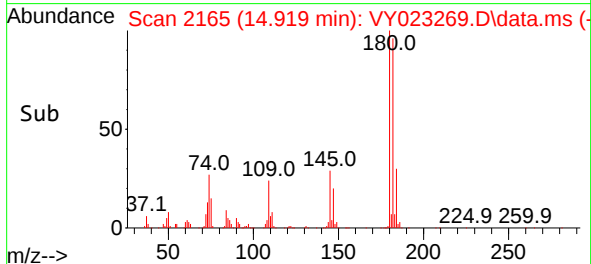
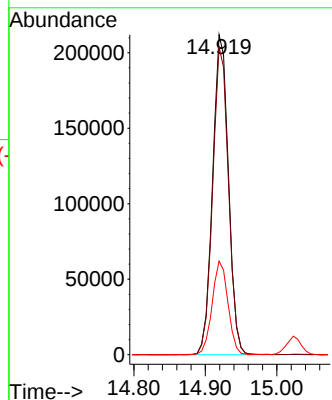
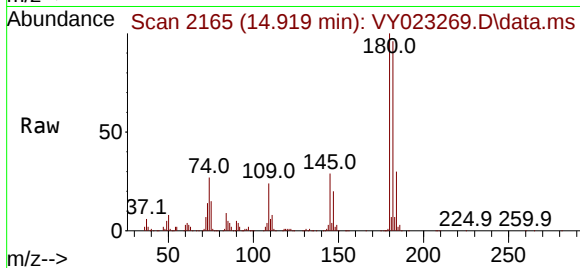
Tgt Ion:180 Resp: 325390

Ion Ratio Lower Upper

180 100

182 95.8 46.8 140.4

145 29.2 14.4 43.4



#94

Hexachlorobutadiene

Concen: 56.302 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

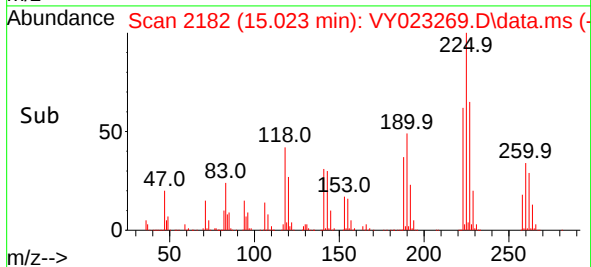
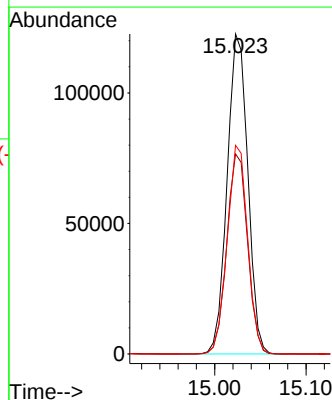
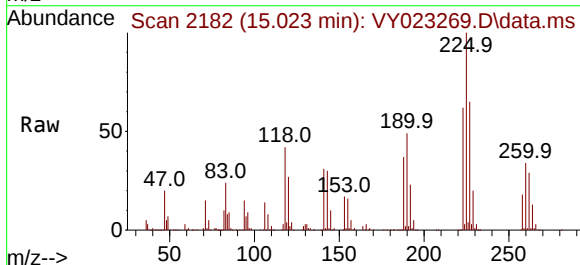
Tgt Ion:225 Resp: 192428

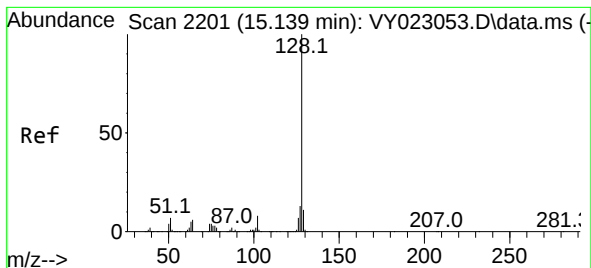
Ion Ratio Lower Upper

225 100

223 63.0 31.3 93.8

227 64.7 31.5 94.5





#95

Naphthalene

Concen: 54.351 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

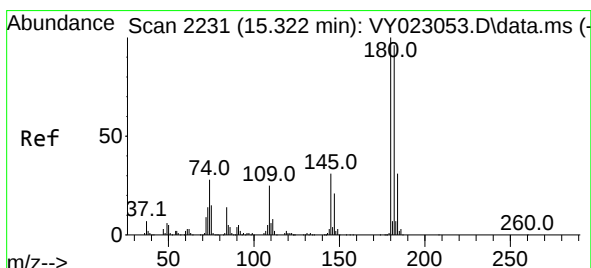
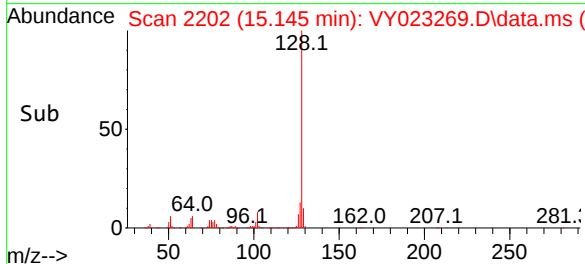
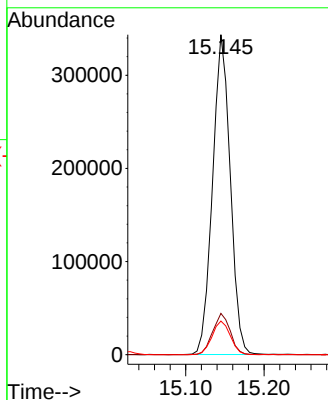
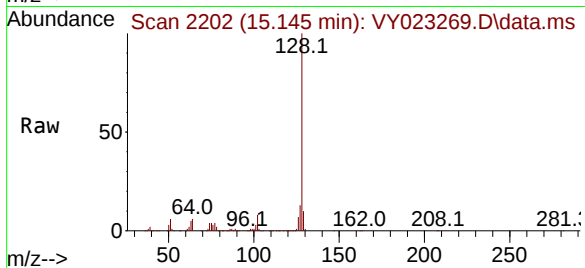
Tgt Ion:128 Resp: 539043

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 55.305 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023269.D

Acq: 03 Sep 2025 09:58

Tgt Ion:180 Resp: 277182

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.7

145 31.3 15.9 47.7

