

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090225\
 Data File : VY023267.D
 Acq On : 02 Sep 2025 15:56
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 03 03:32:48 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	7.707	168	455779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	701453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	632025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	337552	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	191602	44.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.220%
35) Dibromofluoromethane	7.640	113	204921	48.822	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.640%
50) Toluene-d8	10.109	98	770814	47.009	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.020%
62) 4-Bromofluorobenzene	12.401	95	255401	48.433	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.860%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	135621	36.454	ug/l	100
3) Chloromethane	2.068	50	235124	39.020	ug/l	99
4) Vinyl Chloride	2.202	62	302913	40.667	ug/l	96
5) Bromomethane	2.598	94	251545	45.219	ug/l	100
6) Chloroethane	2.732	64	220032	44.432	ug/l	98
7) Trichlorofluoromethane	3.056	101	388707	42.917	ug/l	100
8) Diethyl Ether	3.458	74	111837	46.672	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	203035	45.439	ug/l	96
10) Methyl Iodide	4.001	142	242356	50.264	ug/l	99
11) Tert butyl alcohol	4.866	59	77197	259.365	ug/l	100
12) 1,1-Dichloroethene	3.787	96	199430	45.407	ug/l	92
13) Acrolein	3.653	56	18559	42.577	ug/l	95
14) Allyl chloride	4.385	41	261357	40.441	ug/l	97
15) Acrylonitrile	5.061	53	228664	234.723	ug/l	99
16) Acetone	3.873	43	182102	193.503	ug/l	99
17) Carbon Disulfide	4.104	76	583492	40.744	ug/l	99
18) Methyl Acetate	4.385	43	143615	51.282	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	533795	46.902	ug/l	99
20) Methylene Chloride	4.616	84	260782	53.520	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	232289	47.062	ug/l	94
22) Diisopropyl ether	6.018	45	617186	43.948	ug/l	95
23) Vinyl Acetate	5.964	43	1666569	214.617	ug/l	98
24) 1,1-Dichloroethane	5.915	63	393636	45.846	ug/l	100
25) 2-Butanone	6.896	43	278647	217.709	ug/l	94
26) 2,2-Dichloropropane	6.890	77	320081	43.204	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	277122	48.566	ug/l	92
28) Bromochloromethane	7.244	49	159822	46.918	ug/l	88
29) Tetrahydrofuran	7.262	42	182218	229.679	ug/l	95
30) Chloroform	7.421	83	425203	48.019	ug/l	98
31) Cyclohexane	7.701	56	315748	39.025	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	371152	47.238	ug/l	99
36) 1,1-Dichloropropene	7.835	75	288994	46.330	ug/l	97
37) Ethyl Acetate	6.988	43	123314	47.061	ug/l	99
38) Carbon Tetrachloride	7.823	117	330326	48.757	ug/l	98
39) Methylcyclohexane	9.109	83	363416	44.242	ug/l	97
40) Benzene	8.079	78	923087	48.014	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090225\
 Data File : VY023267.D
 Acq On : 02 Sep 2025 15:56
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 03 03:32:48 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)
41) Methacrylonitrile	7.226	41	68473	45.279	ug/l	89
42) 1,2-Dichloroethane	8.158	62	237408	47.480	ug/l	100
43) Isopropyl Acetate	8.201	43	245551	46.365	ug/l	96
44) Trichloroethene	8.866	130	258026	51.934	ug/l	98
45) 1,2-Dichloropropane	9.140	63	210847	47.664	ug/l	100
46) Dibromomethane	9.231	93	131800	51.910	ug/l	98
47) Bromodichloromethane	9.426	83	325573	49.833	ug/l	99
48) Methyl methacrylate	9.219	41	116866	46.114	ug/l	89
49) 1,4-Dioxane	9.231	88	29178	980.089	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	671636	245.854	ug/l	97
52) Toluene	10.170	92	599691	49.112	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	284733	48.128	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	335063	47.895	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	176736	52.020	ug/l	98
56) Ethyl methacrylate	10.438	69	217975	50.139	ug/l	97
57) 1,3-Dichloropropane	10.719	76	286820	49.779	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	548727	267.585	ug/l	96
59) 2-Hexanone	10.762	43	446835	240.208	ug/l	97
60) Dibromochloromethane	10.908	129	238758	53.259	ug/l	100
61) 1,2-Dibromoethane	11.011	107	168096	52.641	ug/l	100
64) Tetrachloroethene	10.646	164	322629	57.168	ug/l	98
65) Chlorobenzene	11.438	112	666417	48.883	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	235613	50.923	ug/l	99
67) Ethyl Benzene	11.517	91	1122916	47.864	ug/l	99
68) m/p-Xylenes	11.627	106	891622	97.308	ug/l	96
69) o-Xylene	11.950	106	425634	49.597	ug/l	97
70) Styrene	11.969	104	713285	50.823	ug/l	97
71) Bromoform	12.133	173	145831	53.928	ug/l #	99
73) Isopropylbenzene	12.255	105	1087010	45.626	ug/l	99
74) N-amyl acetate	12.066	43	217631	43.075	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	177036	43.520	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	251033	77.058	ug/l #	100
77) Bromobenzene	12.529	156	270340	47.564	ug/l	94
78) n-propylbenzene	12.590	91	1275889	44.982	ug/l	98
79) 2-Chlorotoluene	12.676	91	734735	45.210	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	885084	45.968	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	57724	42.892	ug/l	99
82) 4-Chlorotoluene	12.773	91	753733	44.708	ug/l	98
83) tert-Butylbenzene	12.993	119	806903	46.401	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	886932	46.274	ug/l	98
85) sec-Butylbenzene	13.176	105	1173310	45.930	ug/l	99
86) p-Isopropyltoluene	13.292	119	993946	46.875	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	532451	47.505	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	518128	46.600	ug/l	99
89) n-Butylbenzene	13.615	91	873863	44.871	ug/l	99
90) Hexachloroethane	13.877	117	207141	47.720	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	476167	48.441	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	30022	47.401	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	279622	48.103	ug/l	100
94) Hexachlorobutadiene	15.023	225	163596	47.893	ug/l	99
95) Naphthalene	15.139	128	497872	50.228	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	245832	49.078	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090225\
Data File : VY023267.D
Acq On : 02 Sep 2025 15:56
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 03 03:32:48 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)
----------	------	------	----------	------	-------	----------

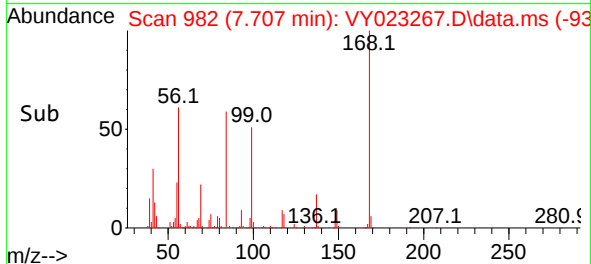
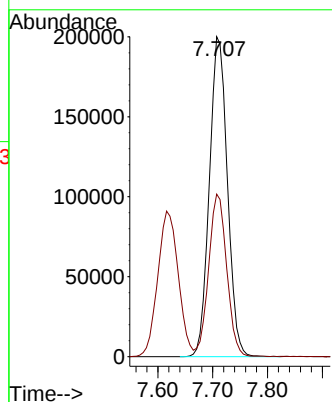
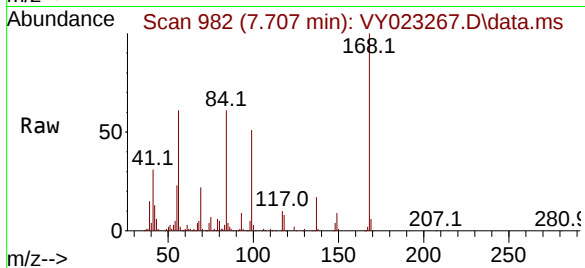
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

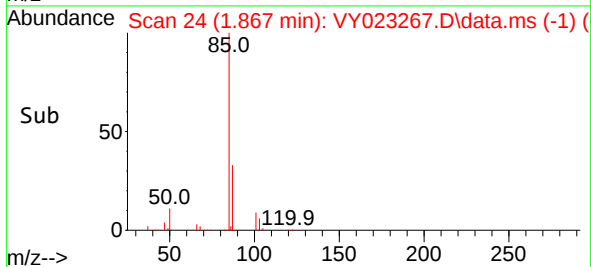
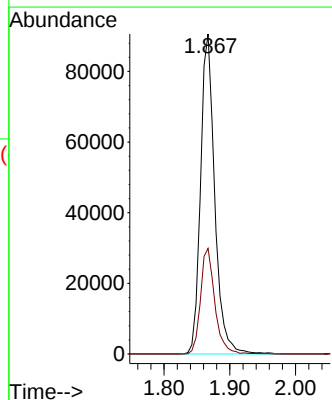
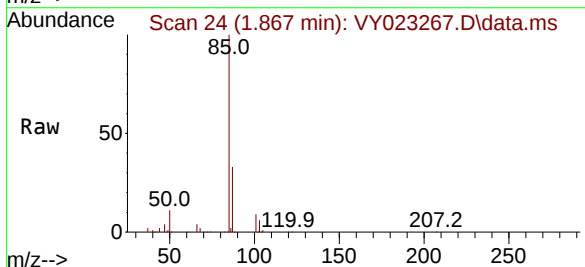
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 455779
Ion Ratio Lower Upper
168 100
99 50.7 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 36.454 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion: 85 Resp: 135621
Ion Ratio Lower Upper
85 100
87 33.0 16.6 49.8

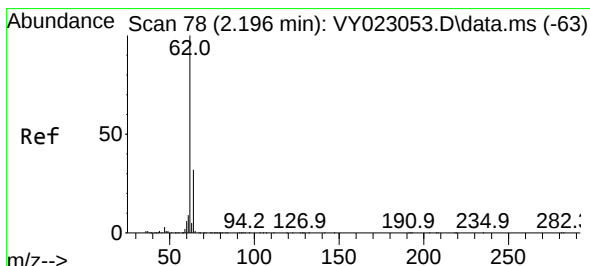
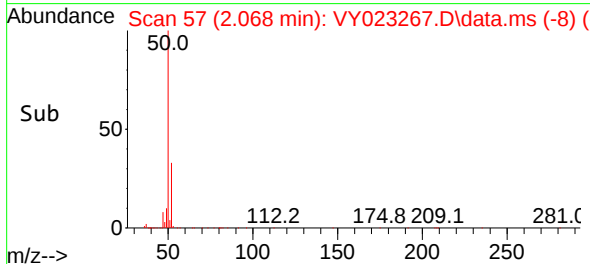
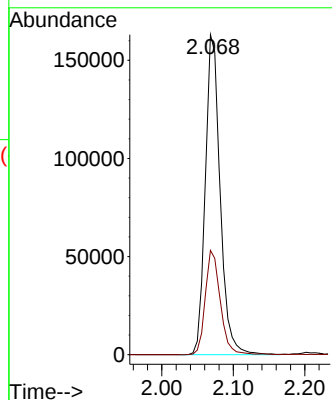
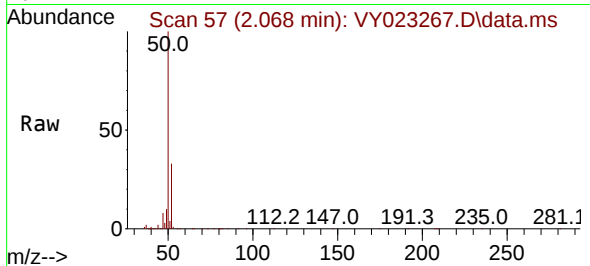




#3
Chloromethane
Concen: 39.020 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

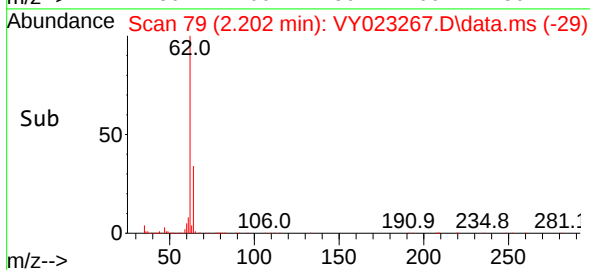
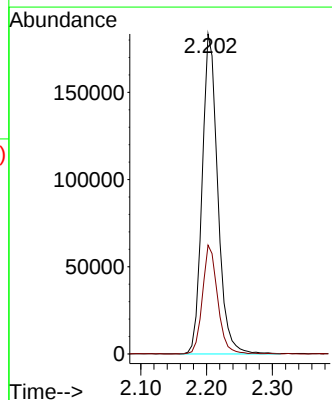
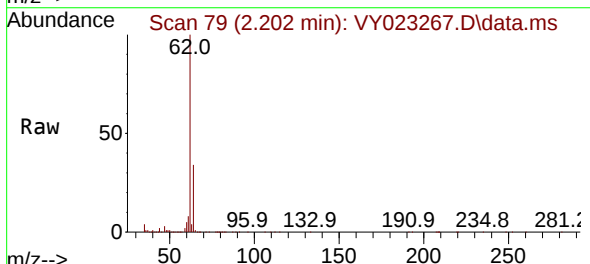
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

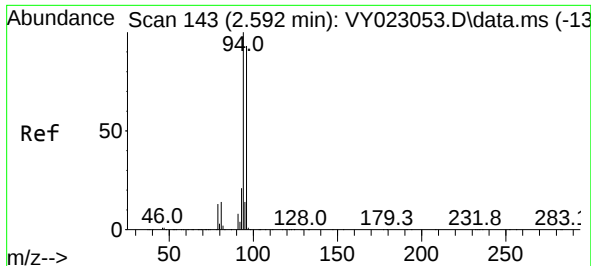
Tgt Ion: 50 Resp: 235124
Ion Ratio Lower Upper
50 100
52 32.6 26.7 40.1



#4
Vinyl Chloride
Concen: 40.667 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion: 62 Resp: 302913
Ion Ratio Lower Upper
62 100
64 33.9 25.4 38.0

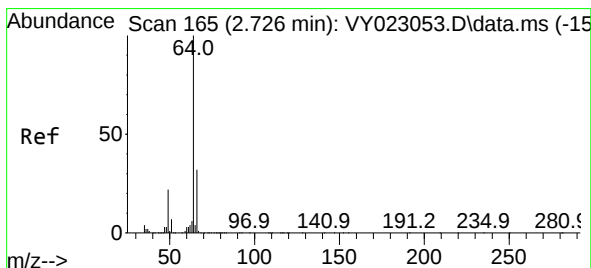
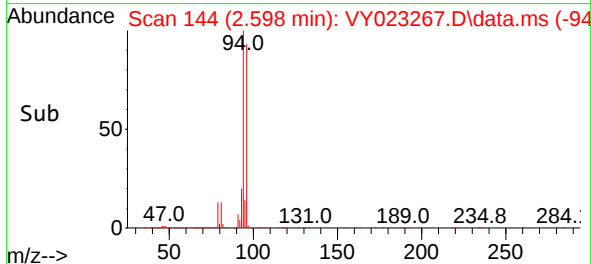
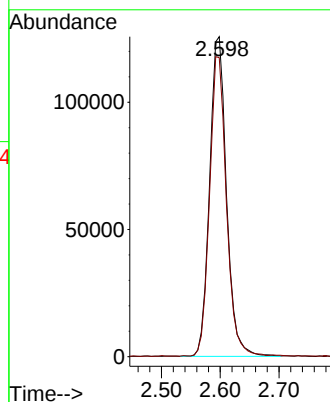
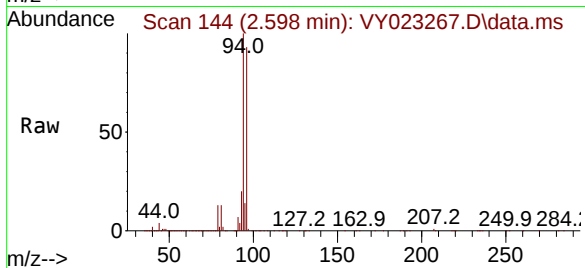




#5
Bromomethane
Concen: 45.219 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

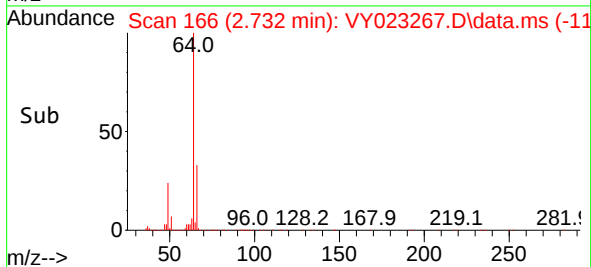
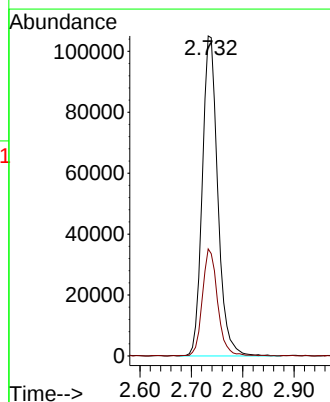
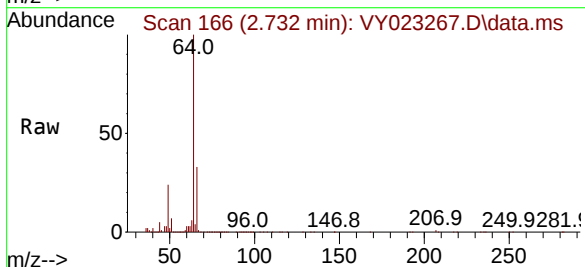
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

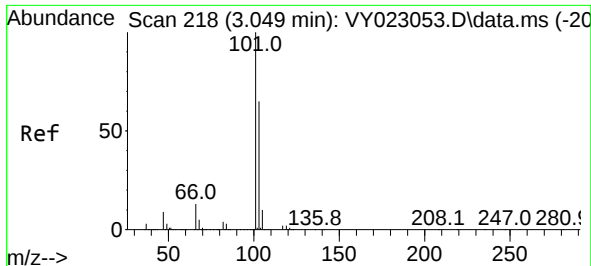
Tgt Ion: 94 Resp: 251545
Ion Ratio Lower Upper
94 100
96 93.4 74.6 112.0



#6
Chloroethane
Concen: 44.432 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion: 64 Resp: 220032
Ion Ratio Lower Upper
64 100
66 33.4 25.8 38.6

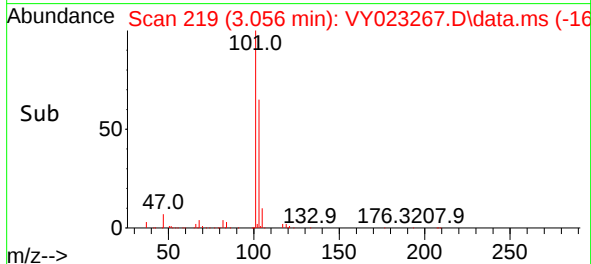
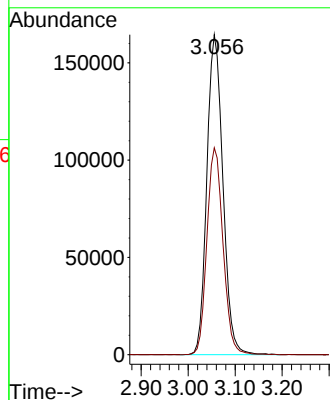
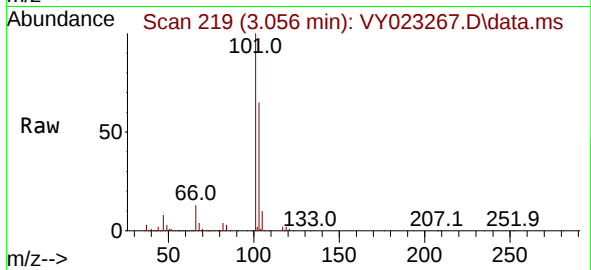




#7
Trichlorofluoromethane
Concen: 42.917 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

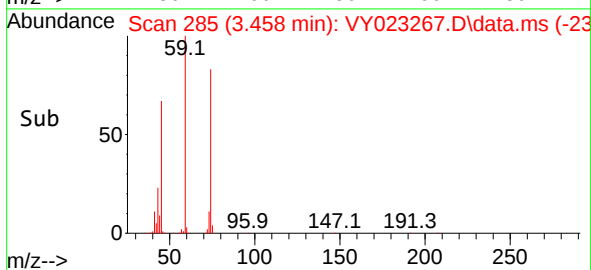
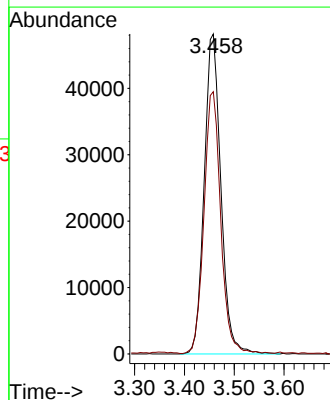
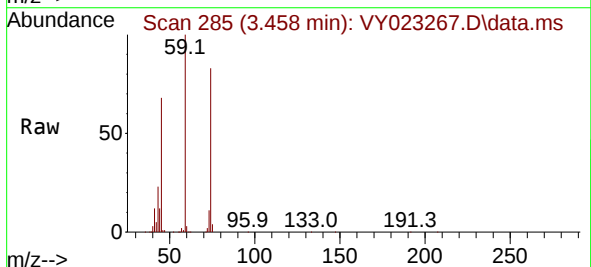
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

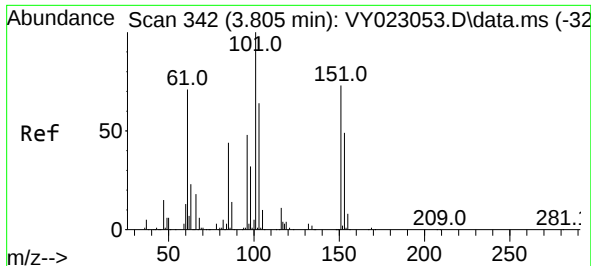
Tgt Ion:101 Resp: 388707
Ion Ratio Lower Upper
101 100
103 64.6 51.9 77.9



#8
Diethyl Ether
Concen: 46.672 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion: 74 Resp: 111837
Ion Ratio Lower Upper
74 100
45 82.1 44.4 133.2

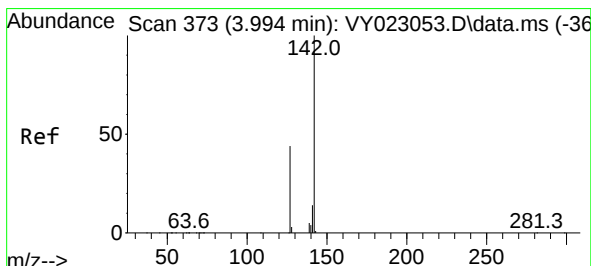
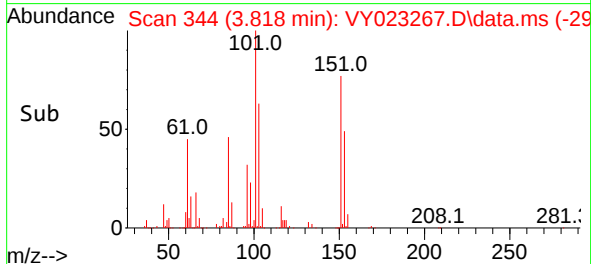
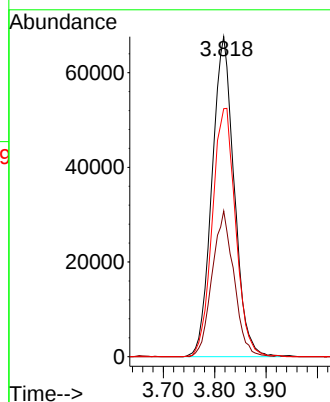
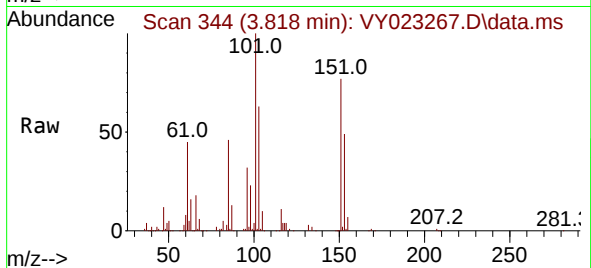




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.439 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

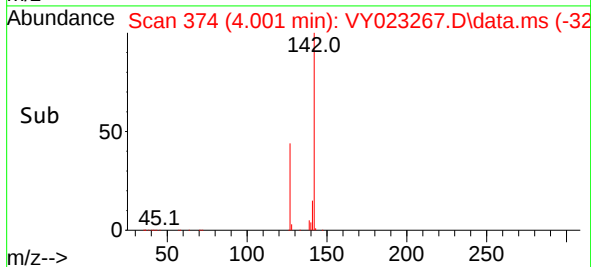
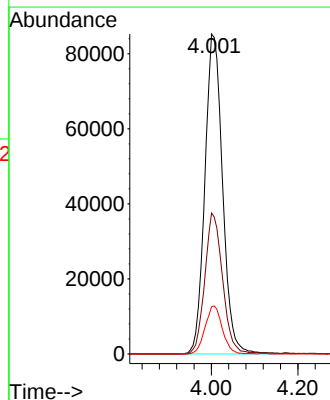
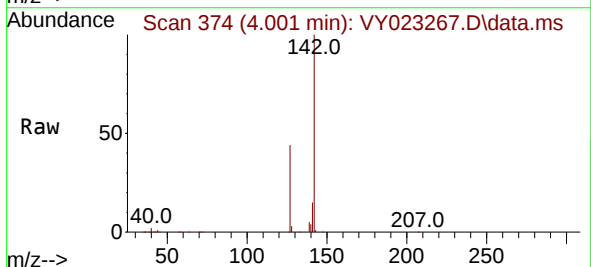
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

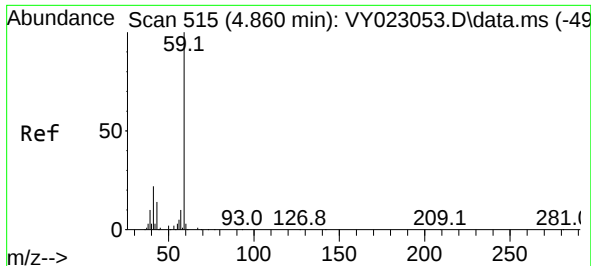
Tgt Ion:101 Resp: 203035
Ion Ratio Lower Upper
101 100
85 44.7 36.3 54.5
151 81.2 61.5 92.3



#10
Methyl Iodide
Concen: 50.264 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion:142 Resp: 242356
Ion Ratio Lower Upper
142 100
127 44.1 34.9 52.3
141 14.6 11.3 16.9

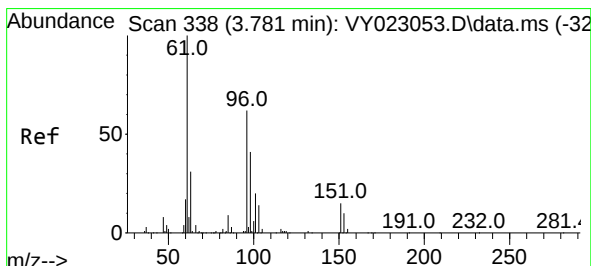
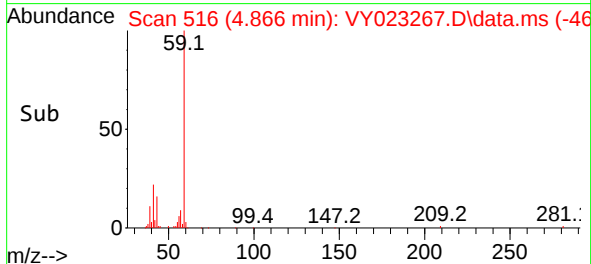
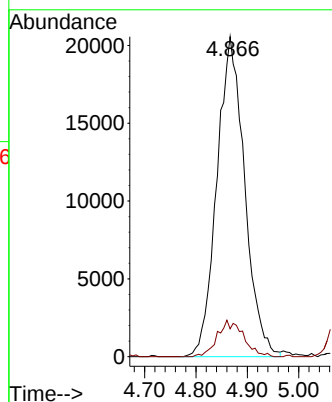
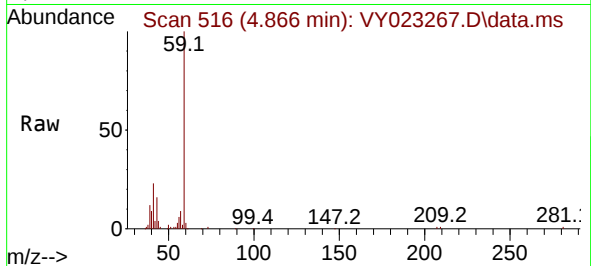




#11
Tert butyl alcohol
Concen: 259.365 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

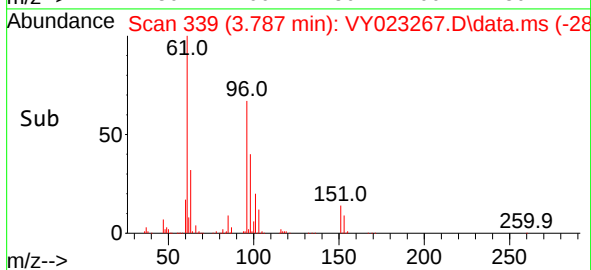
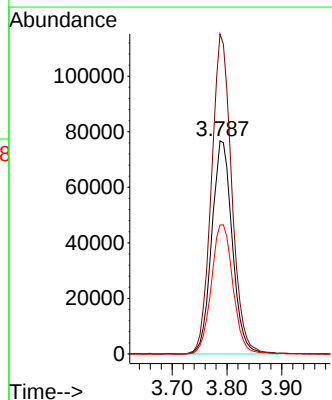
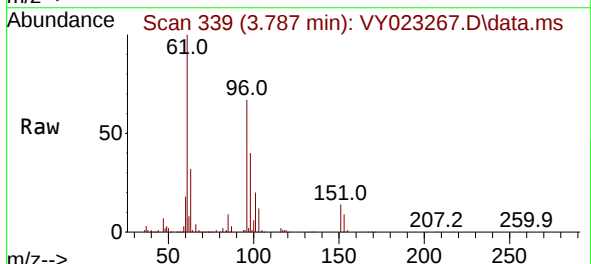
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 77197
Ion Ratio Lower Upper
59 100
57 10.7 8.6 13.0



#12
1,1-Dichloroethene
Concen: 45.407 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion: 96 Resp: 199430
Ion Ratio Lower Upper
96 100
61 150.1 129.4 194.2
98 60.5 52.8 79.2

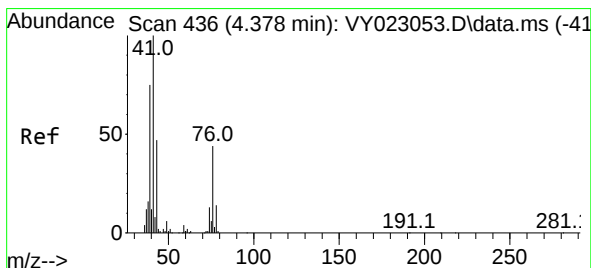
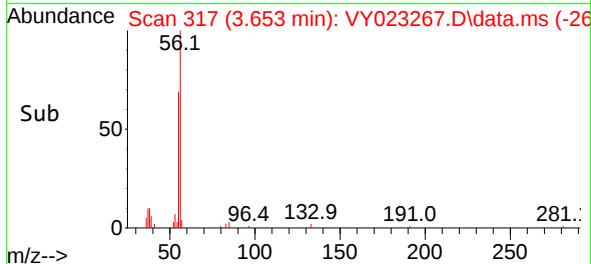
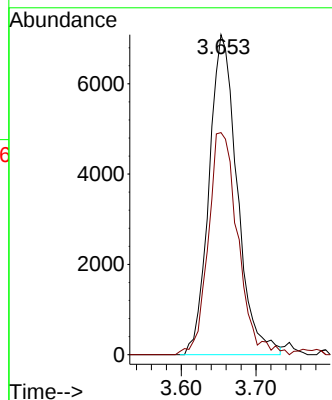
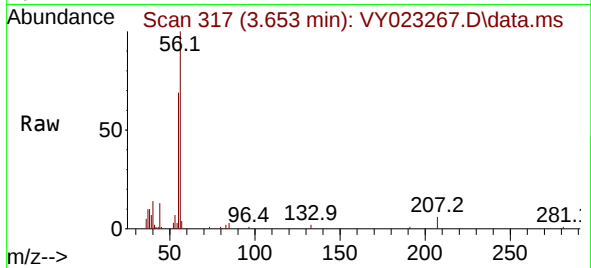




#13
Acrolein
Concen: 42.577 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

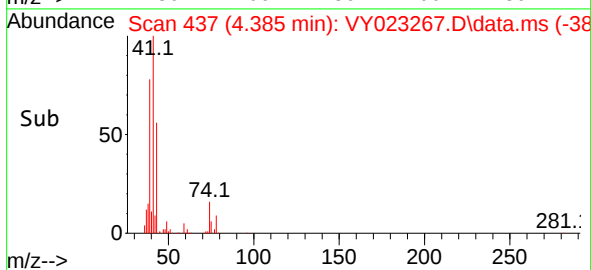
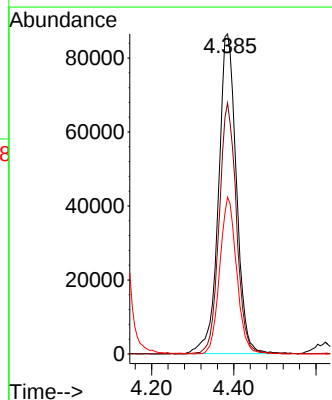
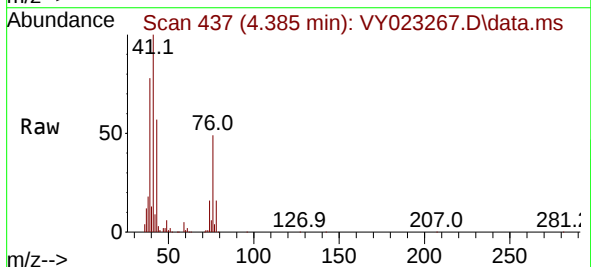
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

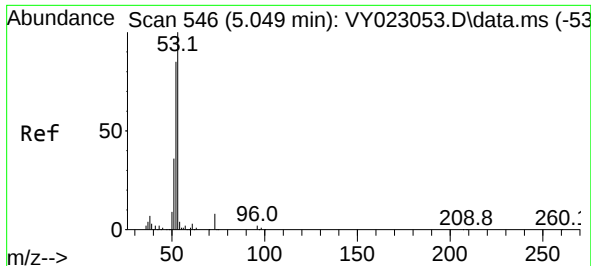
Tgt Ion: 56 Resp: 18559
Ion Ratio Lower Upper
56 100
55 72.8 55.2 82.8



#14
Allyl chloride
Concen: 40.441 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion: 41 Resp: 261357
Ion Ratio Lower Upper
41 100
39 75.7 59.8 89.6
76 46.3 33.7 50.5

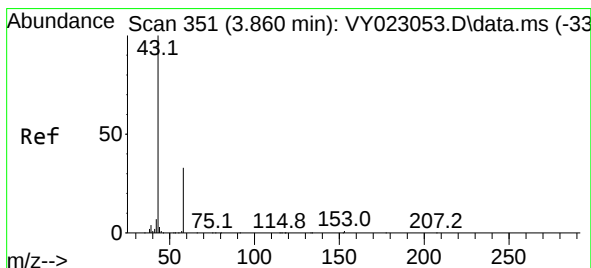
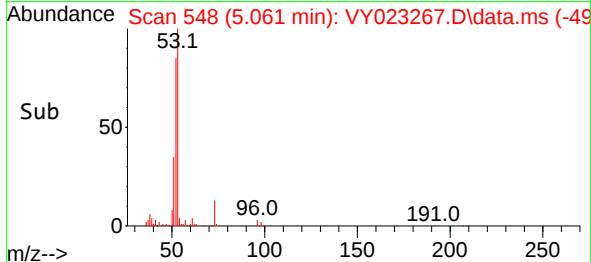
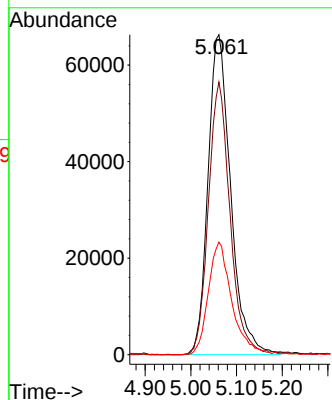
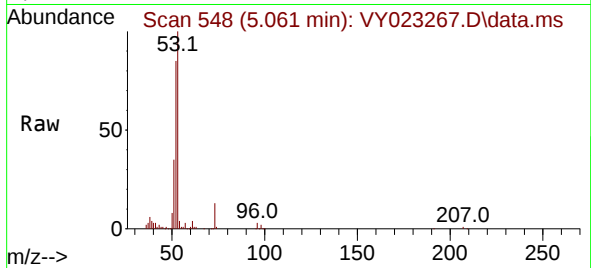




#15
Acrylonitrile
Concen: 234.723 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

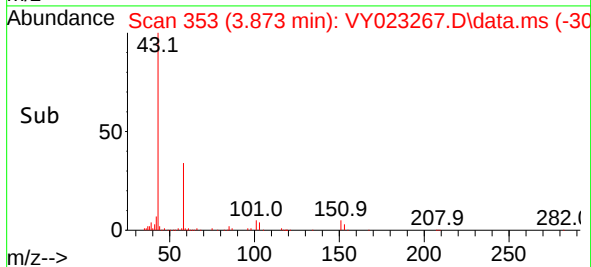
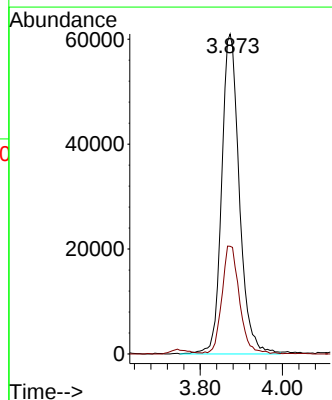
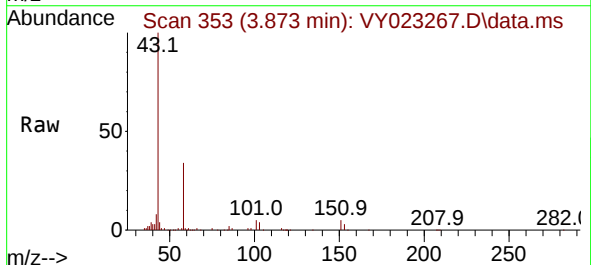
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

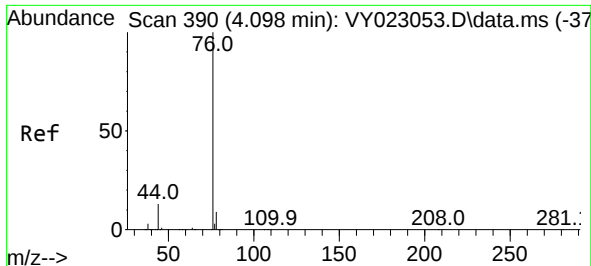
Tgt Ion: 53 Resp: 228664
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 36.4 29.5 44.3



#16
Acetone
Concen: 193.503 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion: 43 Resp: 182102
Ion Ratio Lower Upper
43 100
58 33.5 27.1 40.7

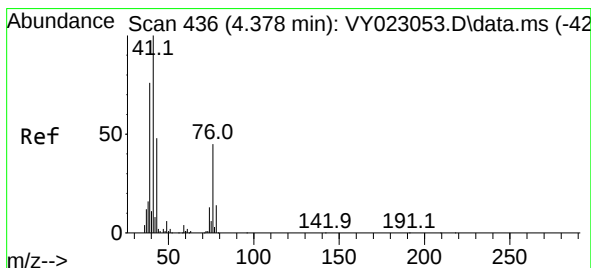
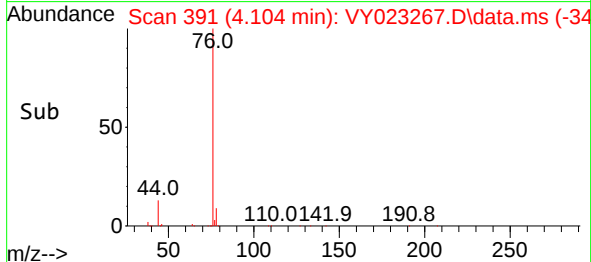
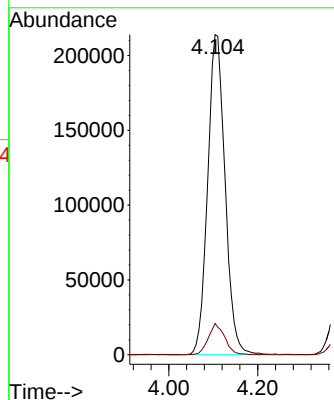
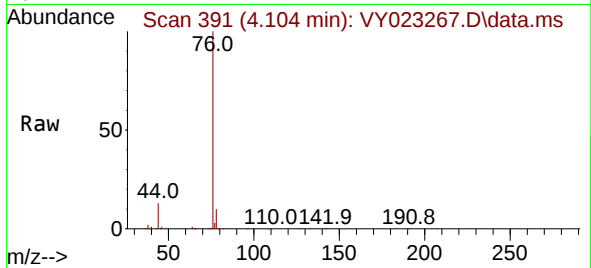




#17
Carbon Disulfide
Concen: 40.744 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

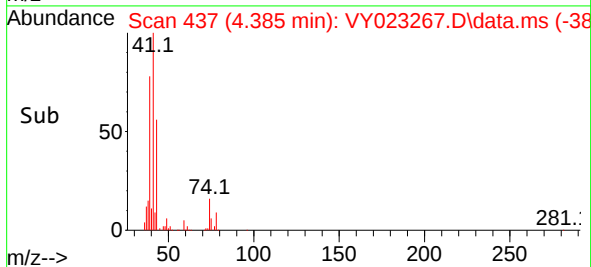
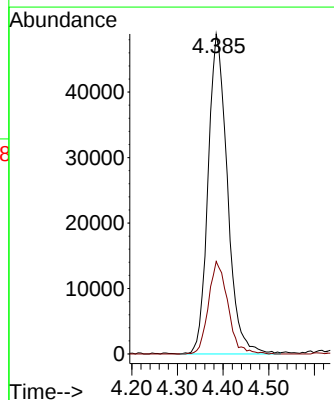
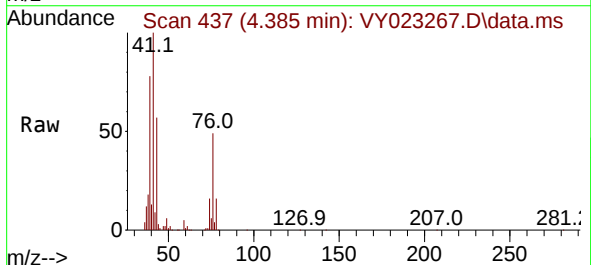
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 583492
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2



#18
Methyl Acetate
Concen: 51.282 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion: 43 Resp: 143615
Ion Ratio Lower Upper
43 100
74 28.9 21.2 31.8

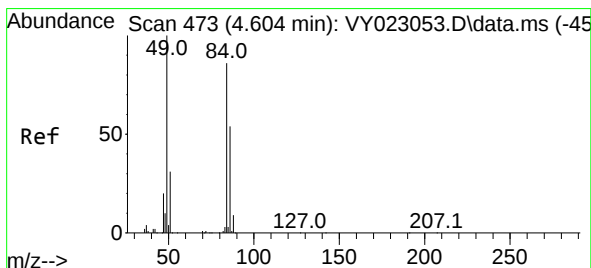
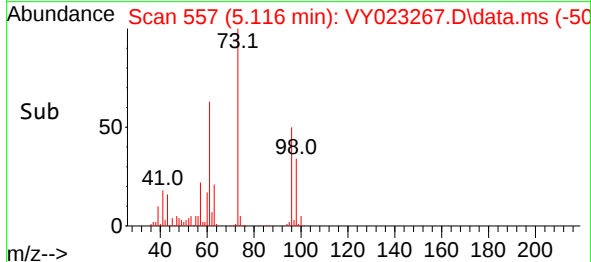
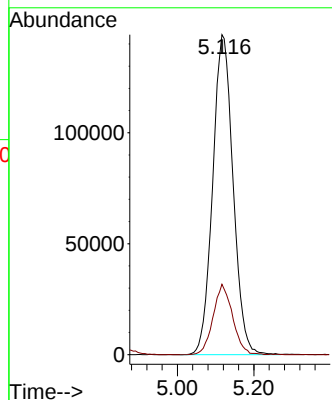
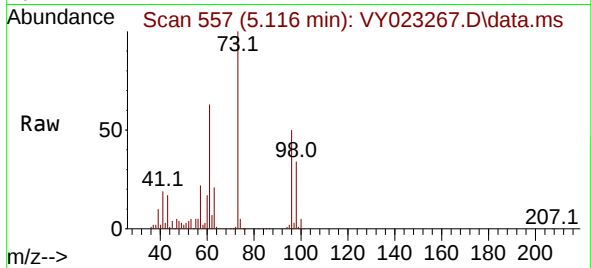




#19
Methyl tert-butyl Ether
Concen: 46.902 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

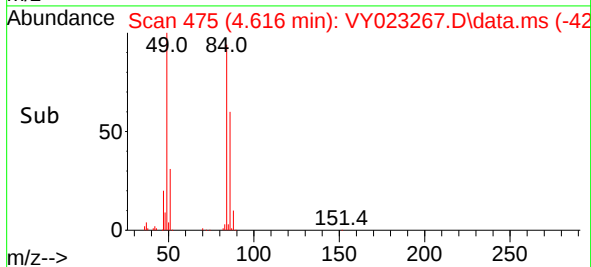
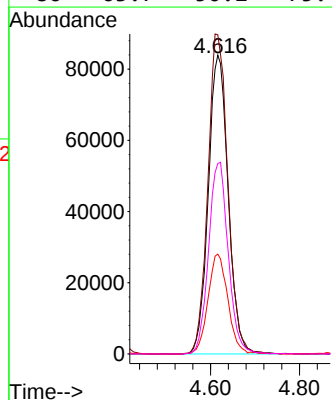
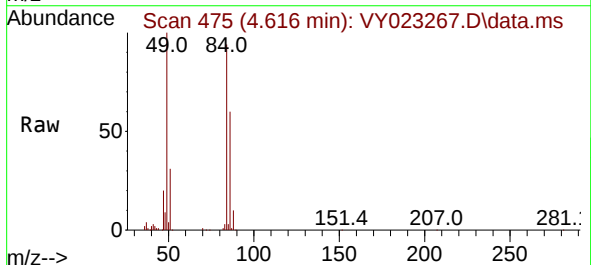
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

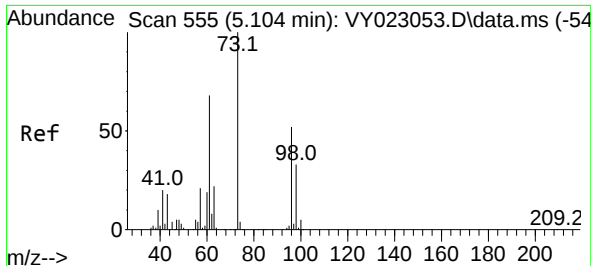
Tgt Ion: 73 Resp: 533795
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7



#20
Methylene Chloride
Concen: 53.520 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion: 84 Resp: 260782
Ion Ratio Lower Upper
84 100
49 106.8 93.0 139.6
51 33.4 29.0 43.4
86 63.7 50.2 75.4

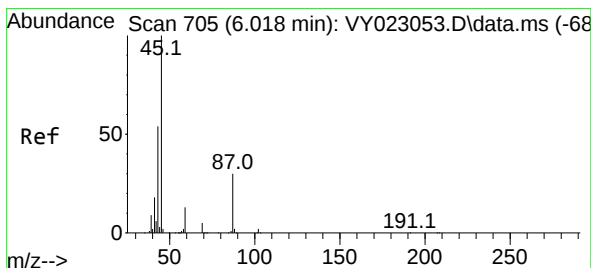
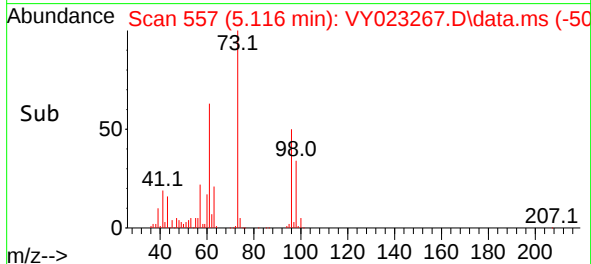
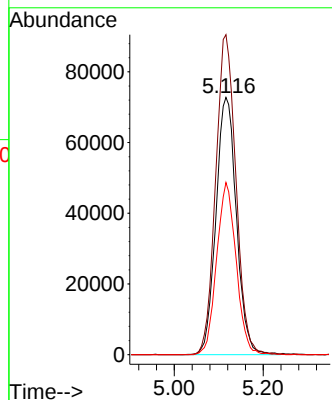
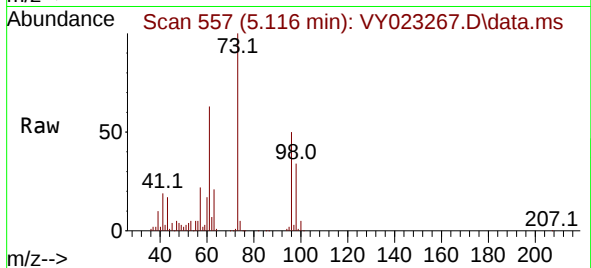




#21
trans-1,2-Dichloroethene
Concen: 47.062 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

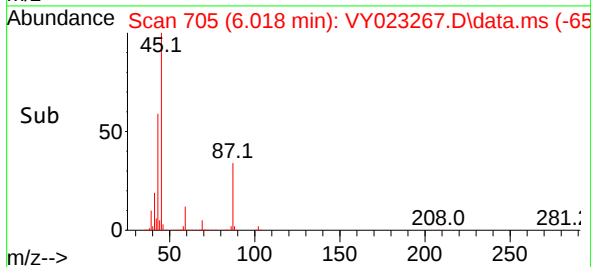
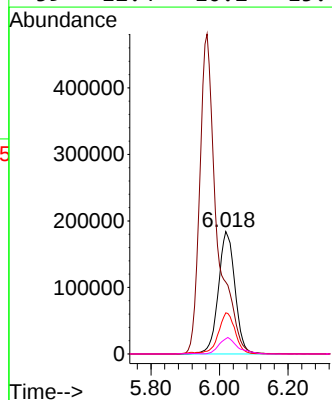
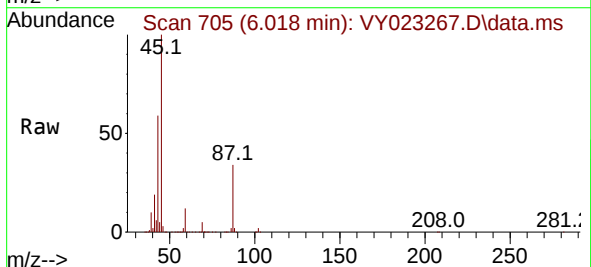
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 232289
Ion Ratio Lower Upper
96 100
61 124.4 104.8 157.2
98 67.0 50.1 75.1



#22
Diisopropyl ether
Concen: 43.948 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion: 45 Resp: 617186
Ion Ratio Lower Upper
45 100
43 58.6 43.4 65.0
87 33.6 24.4 36.6
59 12.4 10.2 15.4

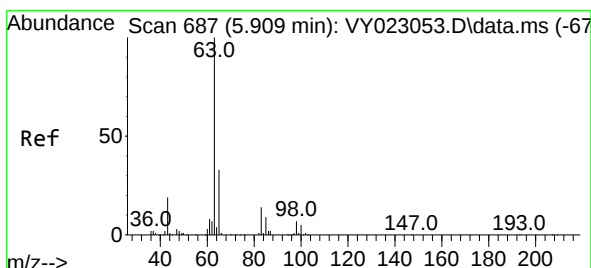
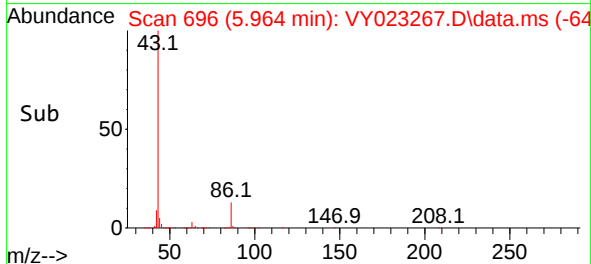
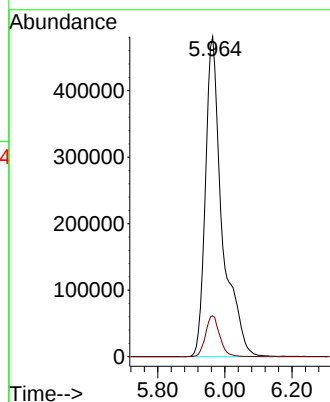
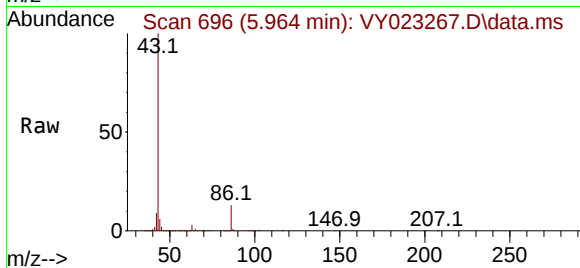




#23
 Vinyl Acetate
 Concen: 214.617 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023267.D
 Acq: 02 Sep 2025 15:56

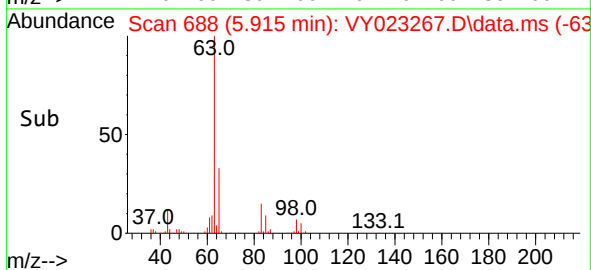
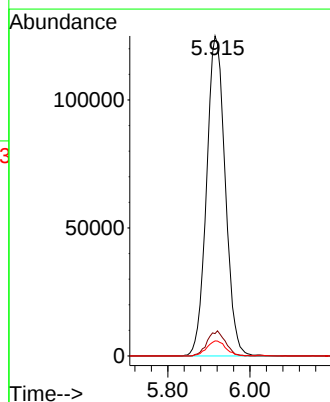
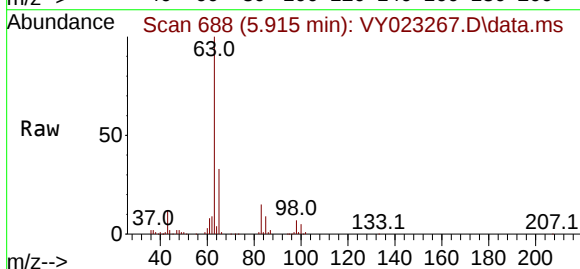
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

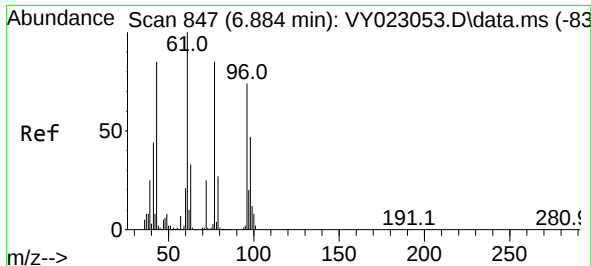
Tgt Ion: 43 Resp: 1666569
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 45.846 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023267.D
 Acq: 02 Sep 2025 15:56

Tgt Ion: 63 Resp: 393636
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.7 2.4 7.1

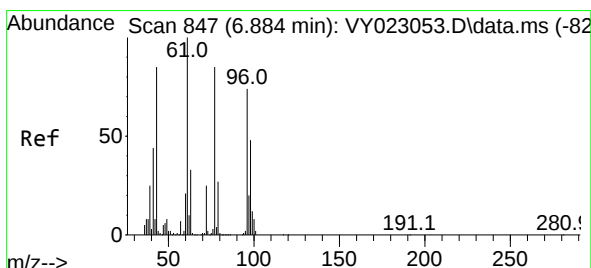
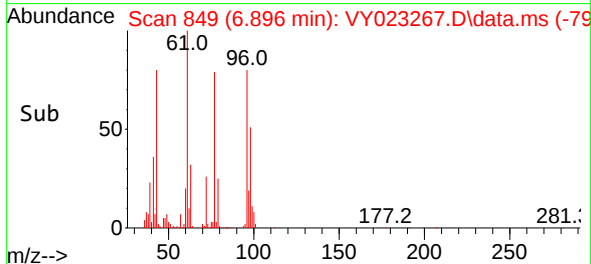
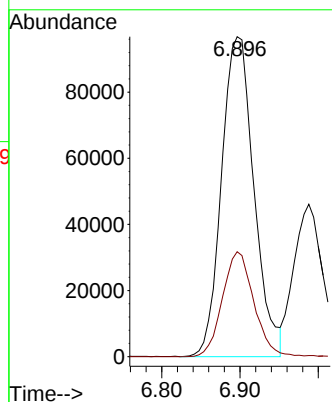
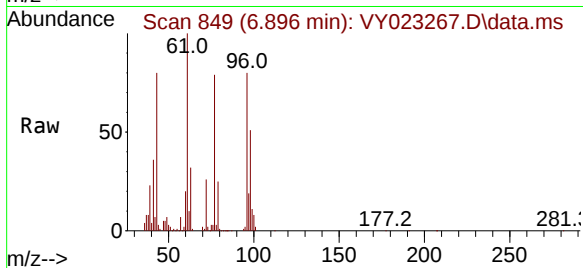




#25
2-Butanone
Concen: 217.709 ug/l
RT: 6.896 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

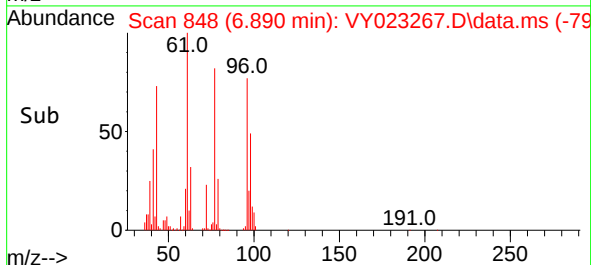
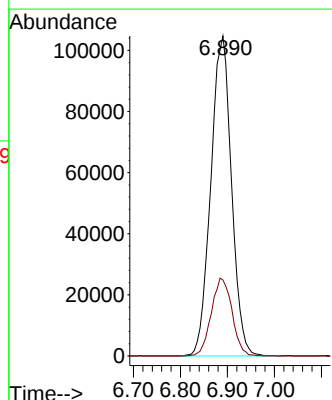
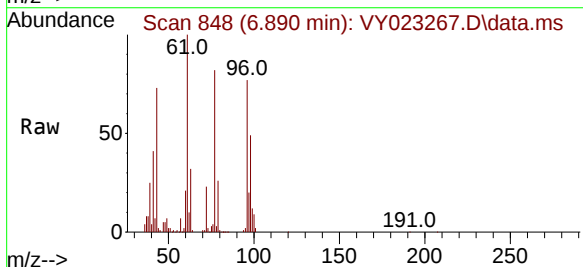
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 278647
Ion Ratio Lower Upper
43 100
72 32.8 23.5 35.3



#26
2,2-Dichloropropane
Concen: 43.204 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion: 77 Resp: 320081
Ion Ratio Lower Upper
77 100
97 24.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 48.566 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

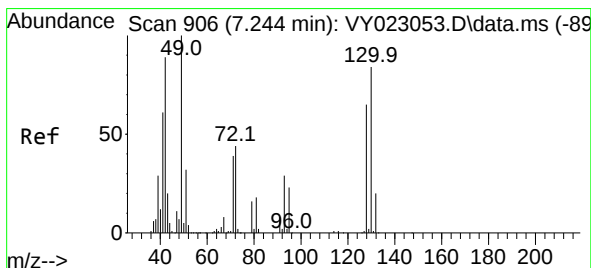
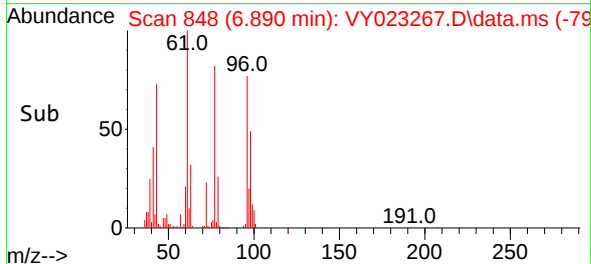
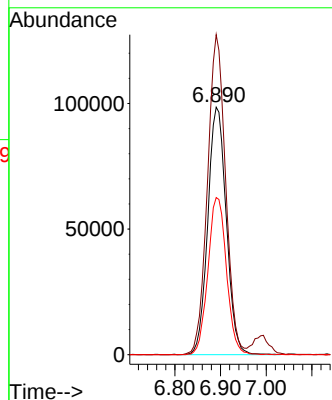
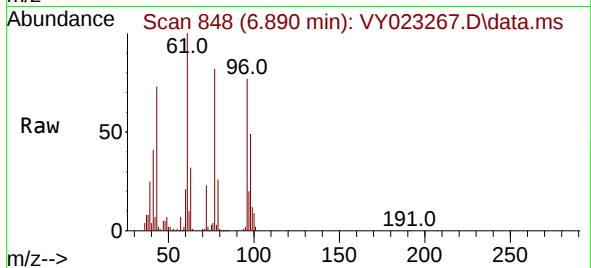
Tgt Ion: 96 Resp: 277122

Ion Ratio Lower Upper

96 100

61 126.9 0.0 278.6

98 63.5 0.0 130.4



#28

Bromochloromethane

Concen: 46.918 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

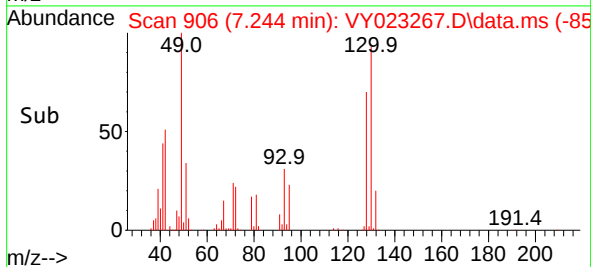
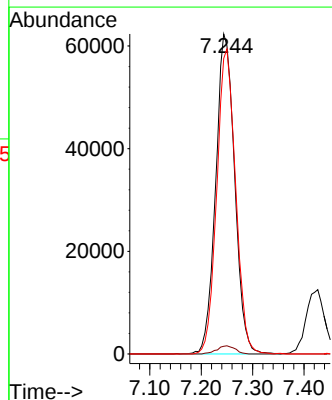
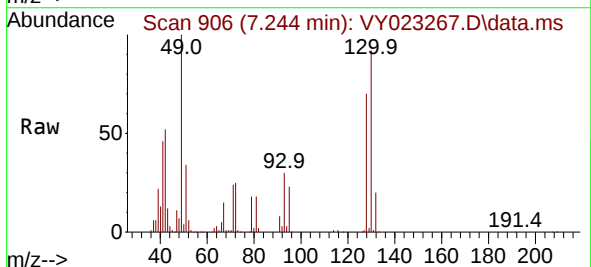
Tgt Ion: 49 Resp: 159822

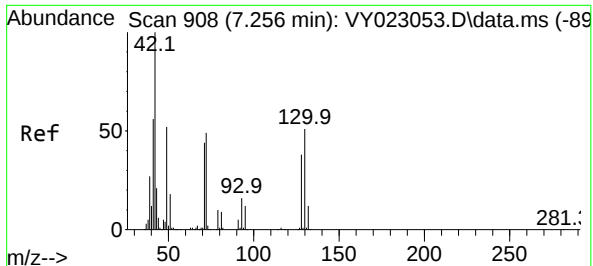
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 94.3 66.4 99.6





#29

Tetrahydrofuran

Concen: 229.679 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

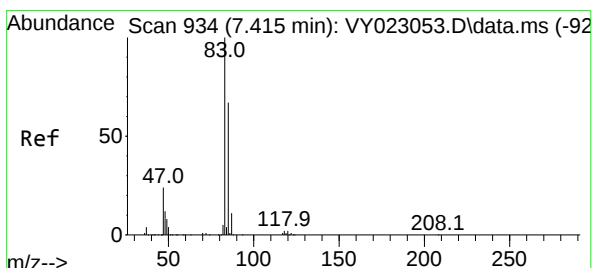
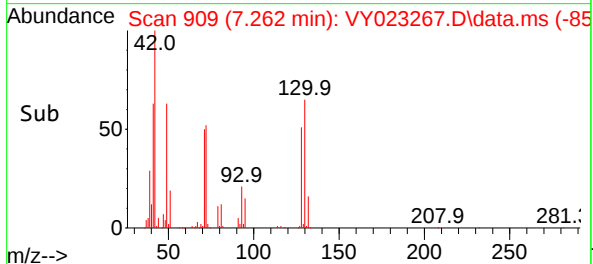
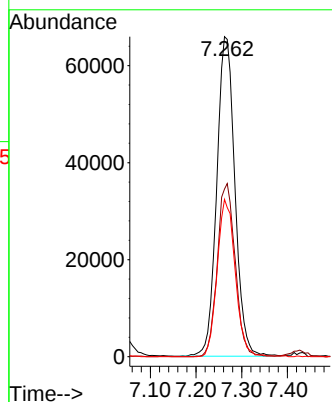
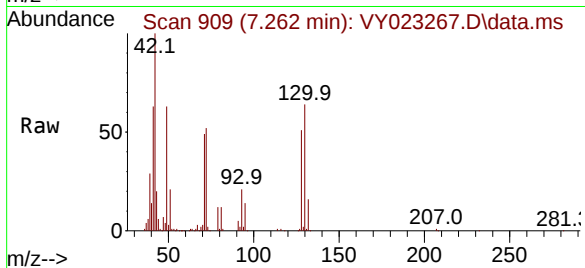
Tgt Ion: 42 Resp: 182218

Ion Ratio Lower Upper

42 100

72 53.4 39.4 59.2

71 48.8 36.5 54.7



#30

Chloroform

Concen: 48.019 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023267.D

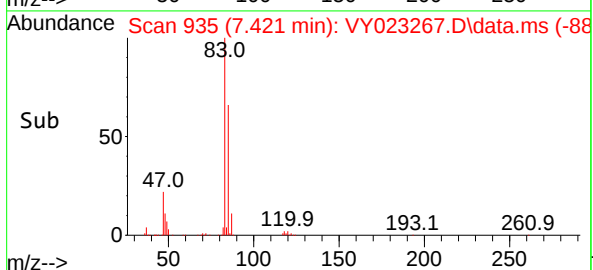
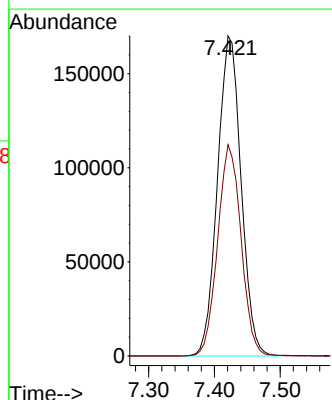
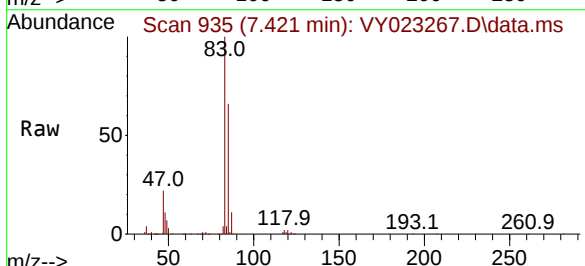
Acq: 02 Sep 2025 15:56

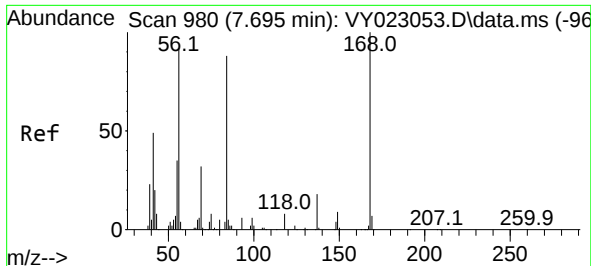
Tgt Ion: 83 Resp: 425203

Ion Ratio Lower Upper

83 100

85 66.0 53.8 80.8

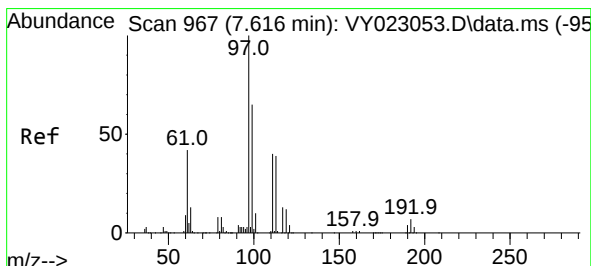
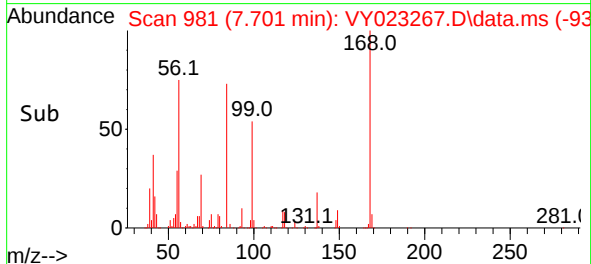
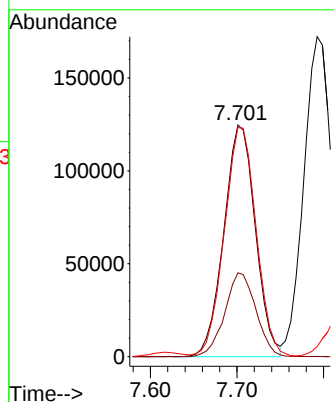
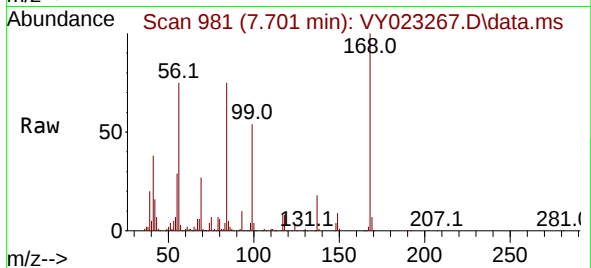




#31
Cyclohexane
Concen: 39.025 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

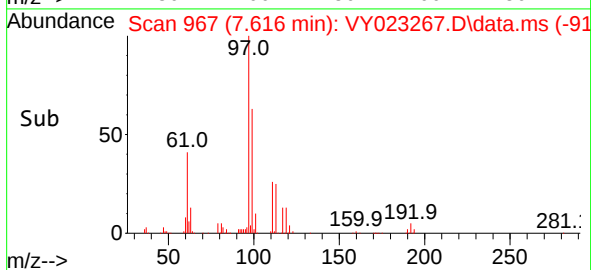
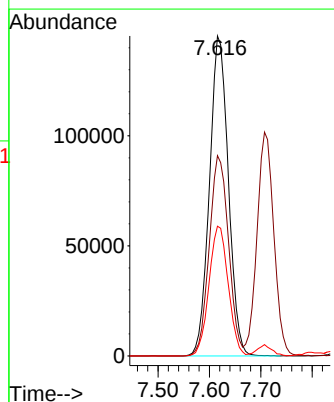
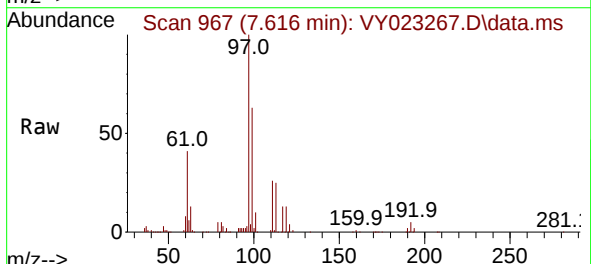
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 315748
Ion Ratio Lower Upper
56 100
69 36.2 28.2 42.2
84 97.6 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 47.238 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion: 97 Resp: 371152
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 41.3 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 44.108 ug/l

RT: 8.061 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

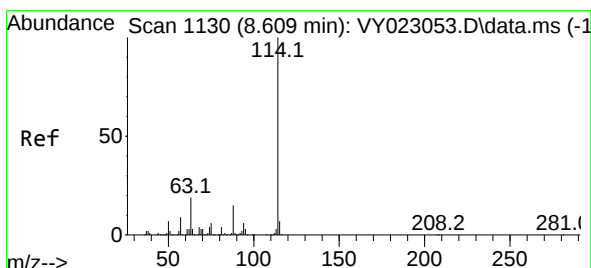
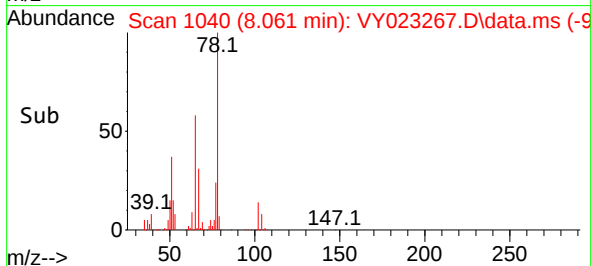
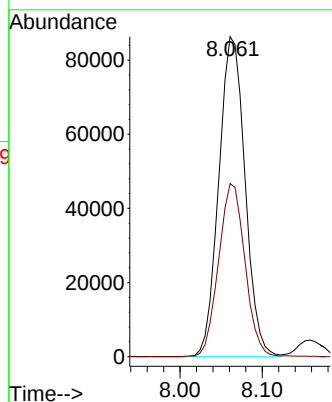
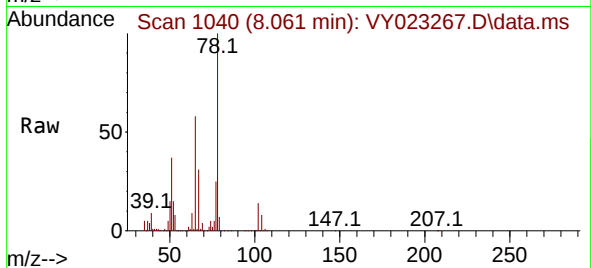
VSTDCCC050EC

Tgt Ion: 65 Resp: 191602

Ion Ratio Lower Upper

65 100

67 54.4 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

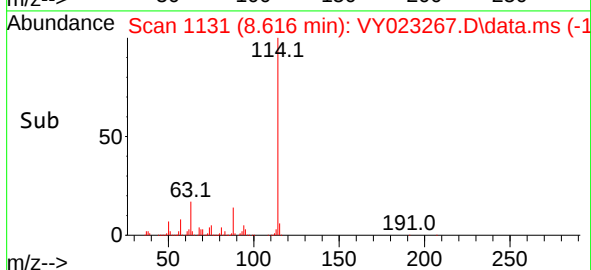
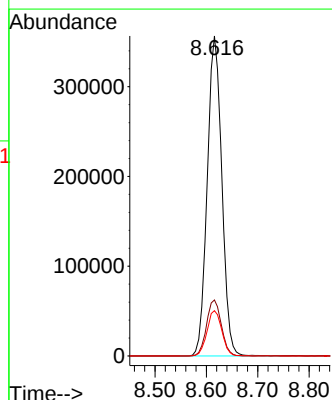
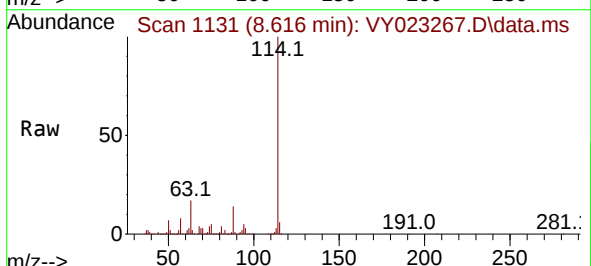
Tgt Ion: 114 Resp: 701453

Ion Ratio Lower Upper

114 100

63 17.5 0.0 38.4

88 14.2 0.0 30.0

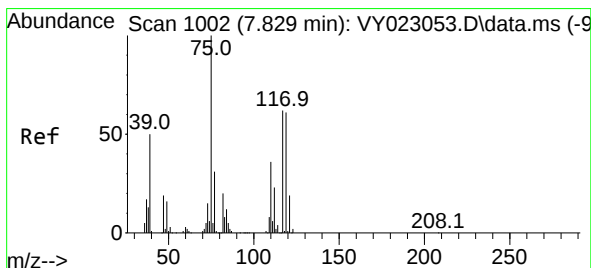
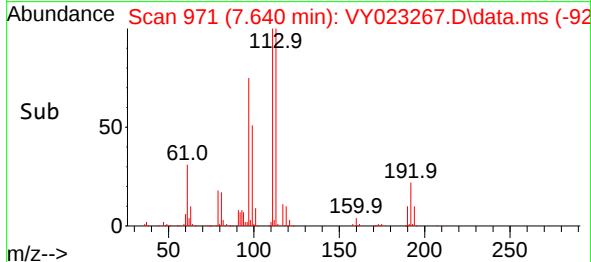
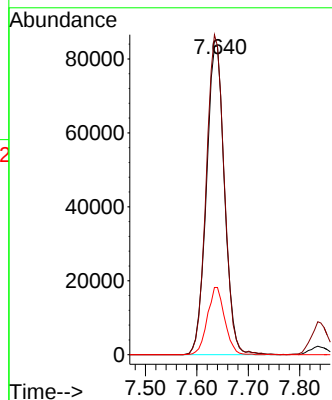
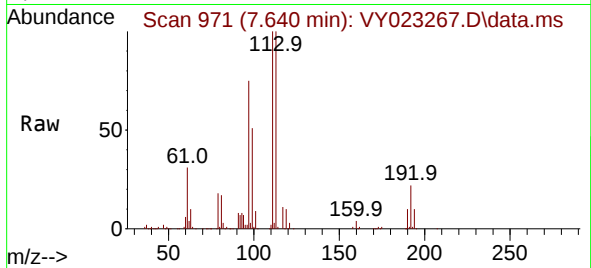




#35
Dibromofluoromethane
Concen: 48.822 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

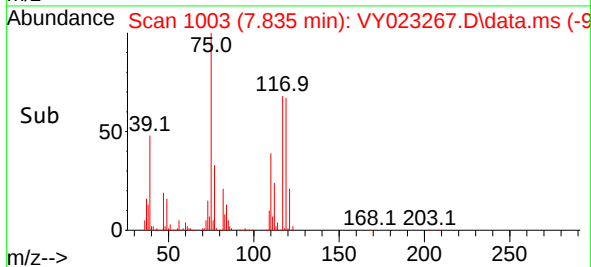
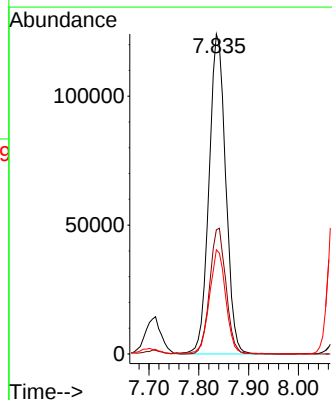
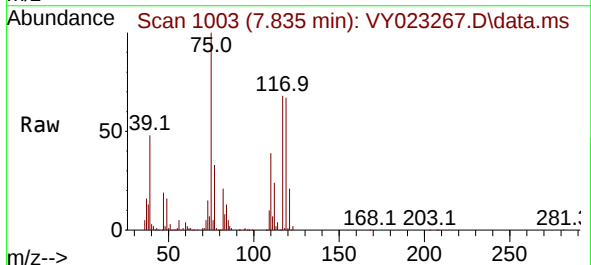
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

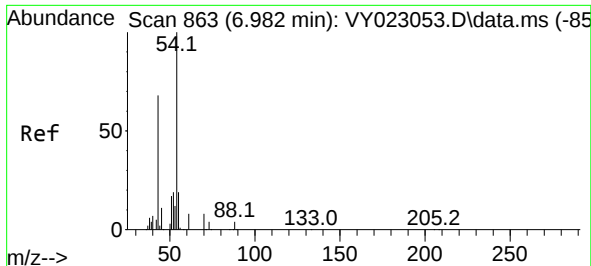
Tgt Ion:113 Resp: 204921
Ion Ratio Lower Upper
113 100
111 102.3 81.1 121.7
192 20.8 16.2 24.4



#36
1,1-Dichloropropene
Concen: 46.330 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion: 75 Resp: 288994
Ion Ratio Lower Upper
75 100
110 38.2 18.1 54.4
77 31.8 24.6 37.0





#37

Ethyl Acetate

Concen: 47.061 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

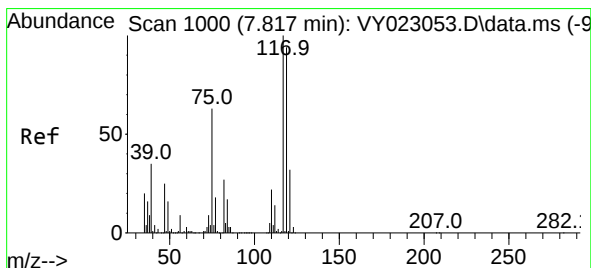
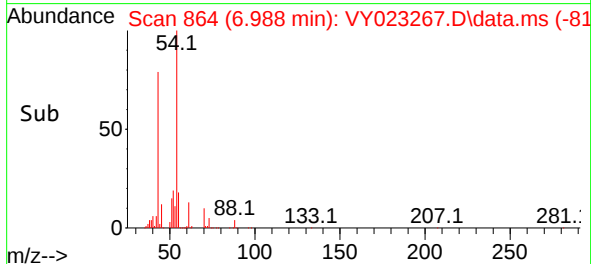
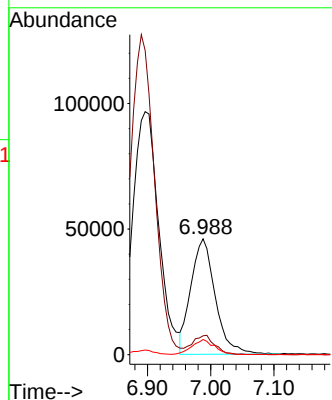
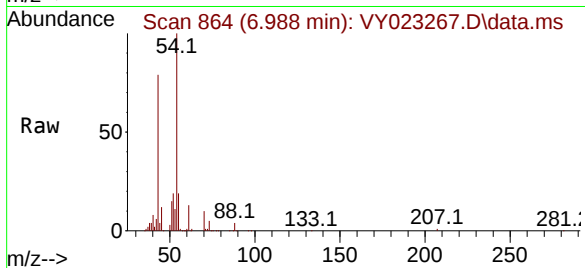
Tgt Ion: 43 Resp: 123314

Ion Ratio Lower Upper

43 100

61 15.1 11.9 17.9

70 11.9 8.8 13.2



#38

Carbon Tetrachloride

Concen: 48.757 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

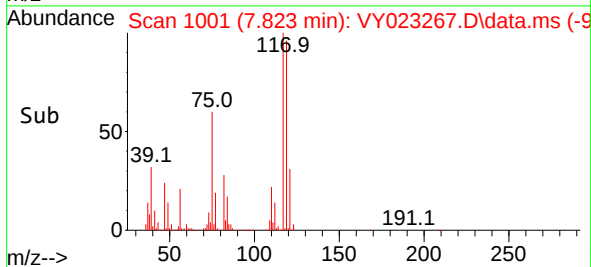
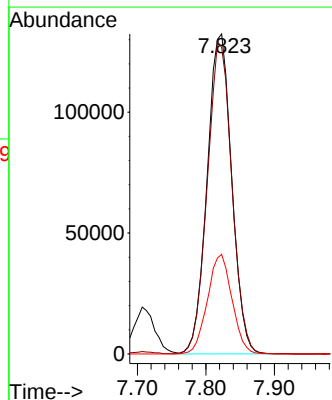
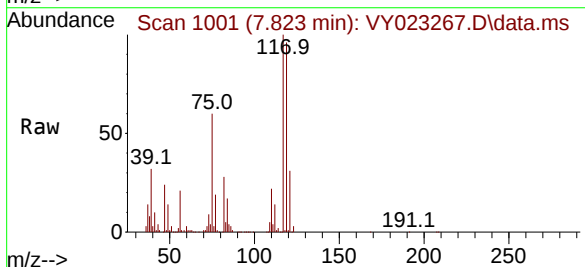
Tgt Ion: 117 Resp: 330326

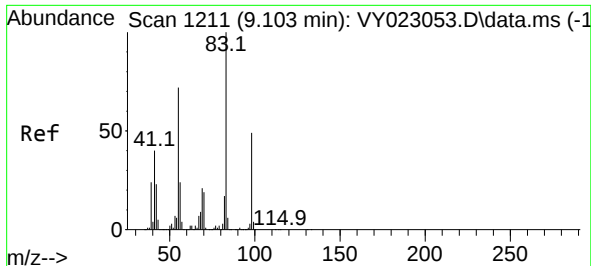
Ion Ratio Lower Upper

117 100

119 95.8 75.6 113.4

121 31.1 25.8 38.8





#39

Methylcyclohexane

Concen: 44.242 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

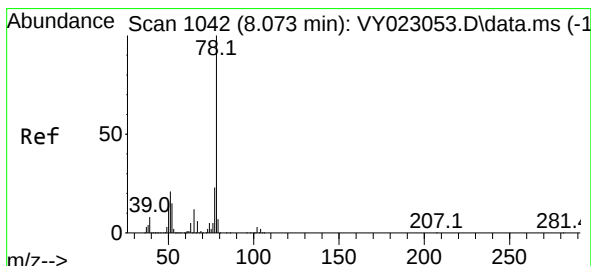
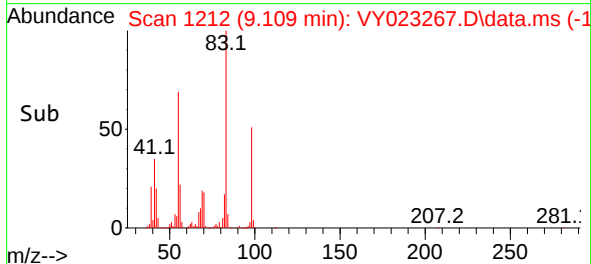
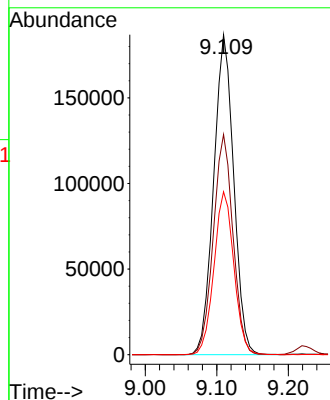
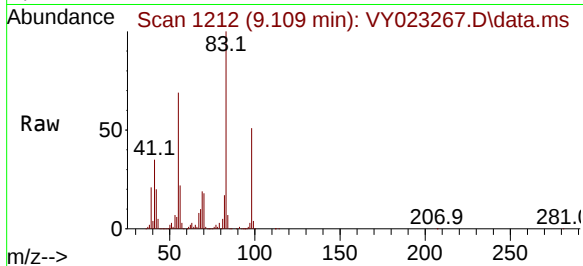
Tgt Ion: 83 Resp: 363416

Ion Ratio Lower Upper

83 100

55 68.8 57.6 86.4

98 50.9 39.2 58.8



#40

Benzene

Concen: 48.014 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023267.D

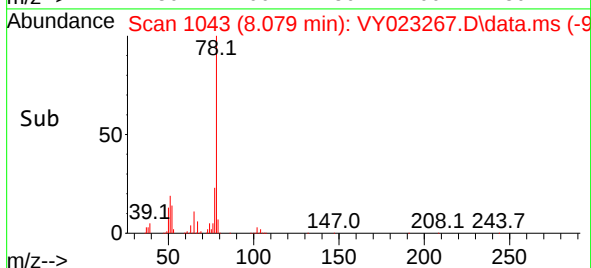
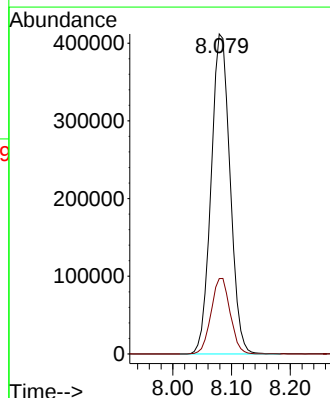
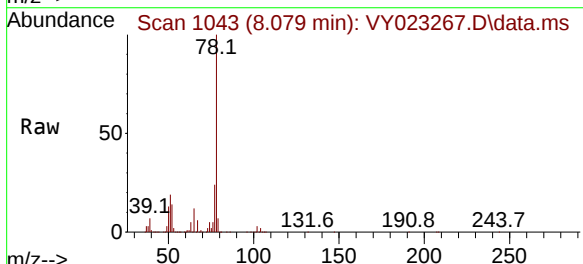
Acq: 02 Sep 2025 15:56

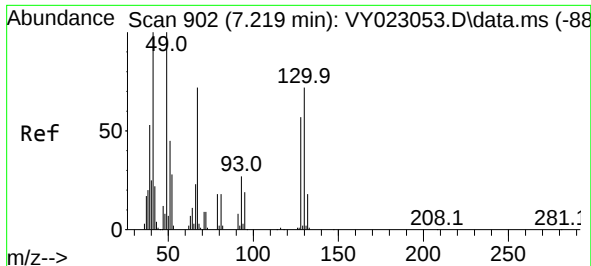
Tgt Ion: 78 Resp: 923087

Ion Ratio Lower Upper

78 100

77 23.6 18.6 28.0

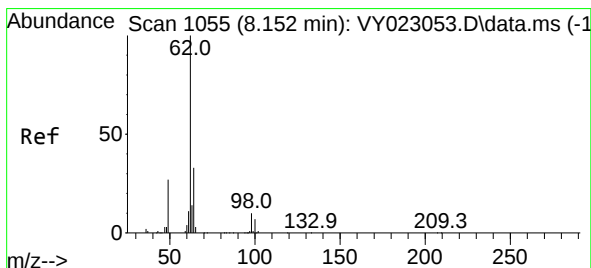
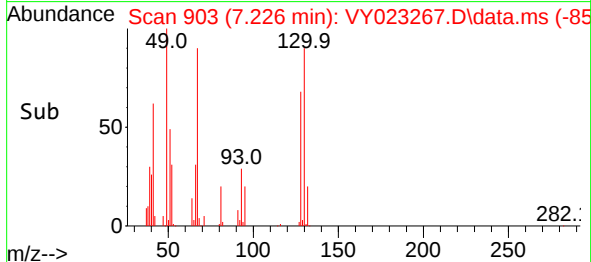
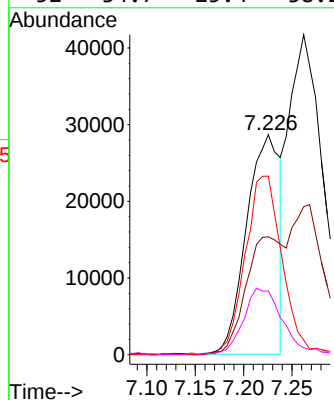
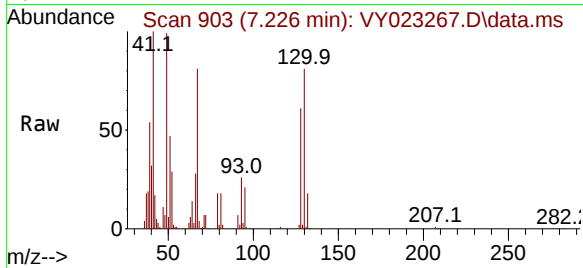




#41
Methacrylonitrile
Concen: 45.279 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

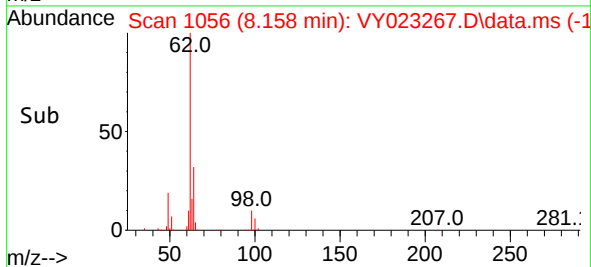
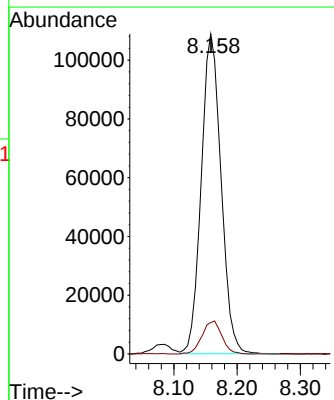
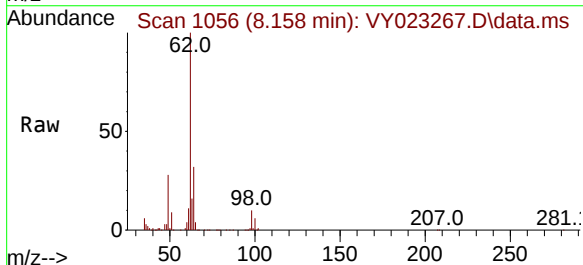
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 68473
Ion Ratio Lower Upper
41 100
39 63.1 43.4 65.2
67 91.2 63.6 95.4
52 34.7 25.4 38.2



#42
1,2-Dichloroethane
Concen: 47.480 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion: 62 Resp: 237408
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.6

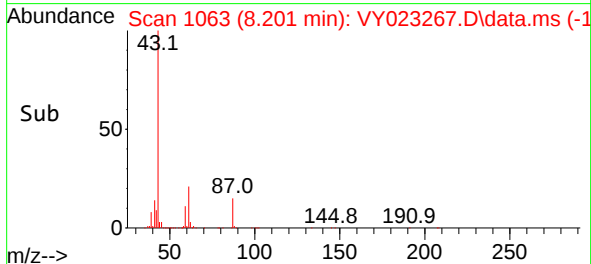
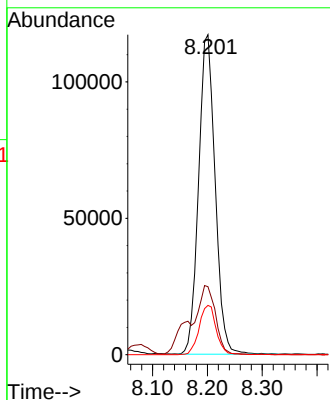
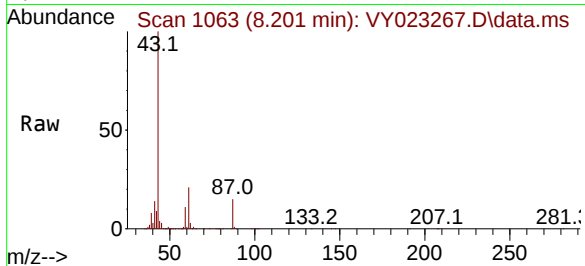




#43
Isopropyl Acetate
Concen: 46.365 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

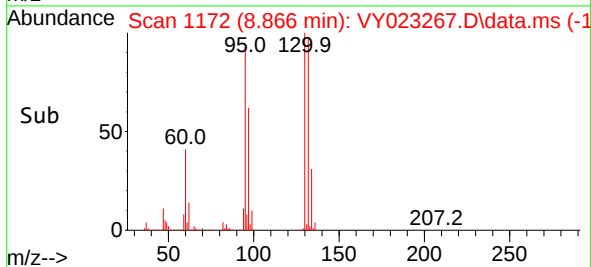
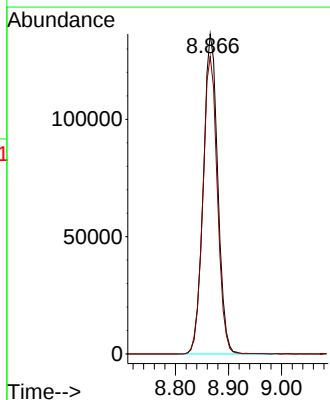
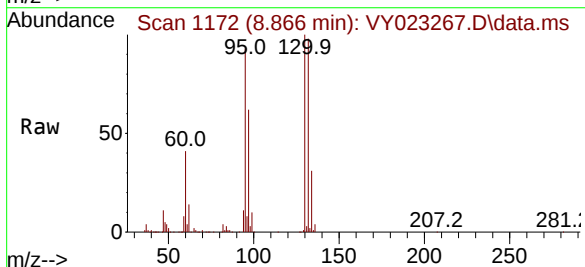
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 245551
Ion Ratio Lower Upper
43 100
61 23.0 16.4 24.6
87 15.9 11.8 17.6



#44
Trichloroethene
Concen: 51.934 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion:130 Resp: 258026
Ion Ratio Lower Upper
130 100
95 93.0 0.0 190.2





#45

1,2-Dichloropropane

Concen: 47.664 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

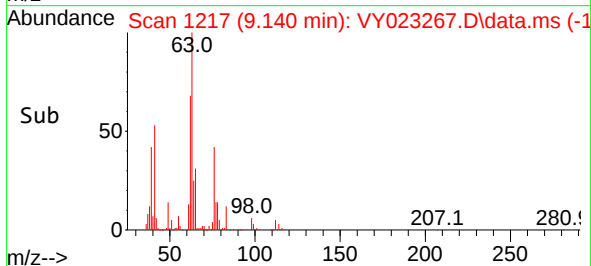
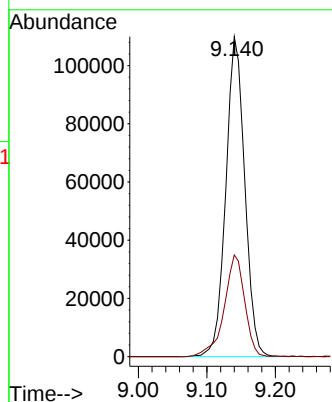
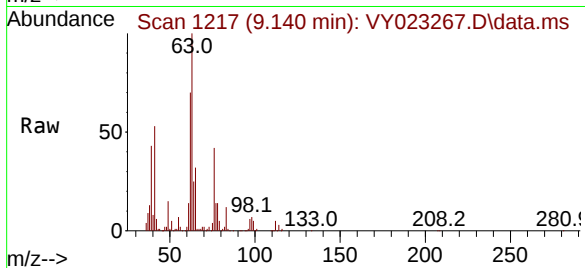
VSTDCCC050EC

Tgt Ion: 63 Resp: 210847

Ion Ratio Lower Upper

63 100

65 31.8 25.3 37.9



#46

Dibromomethane

Concen: 51.910 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

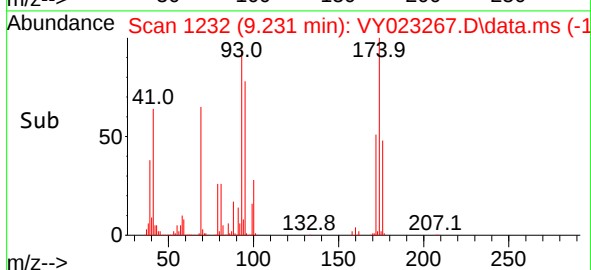
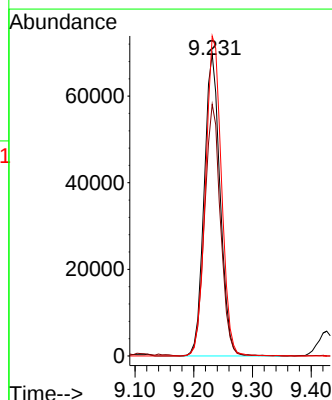
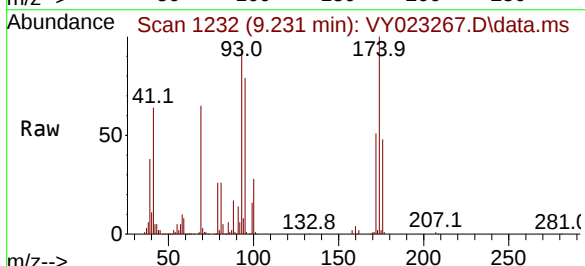
Tgt Ion: 93 Resp: 131800

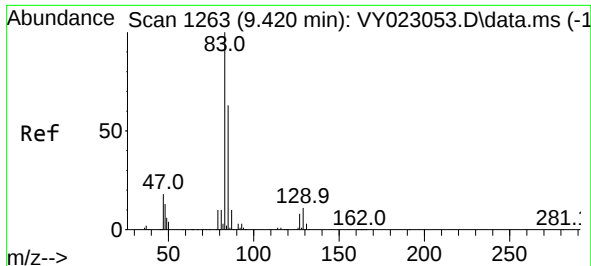
Ion Ratio Lower Upper

93 100

95 83.1 66.5 99.7

174 105.9 81.8 122.8

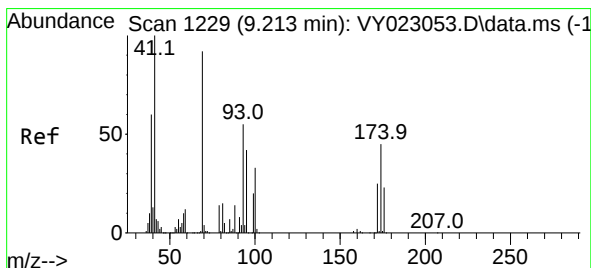
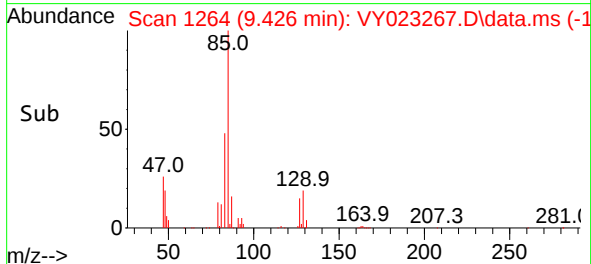
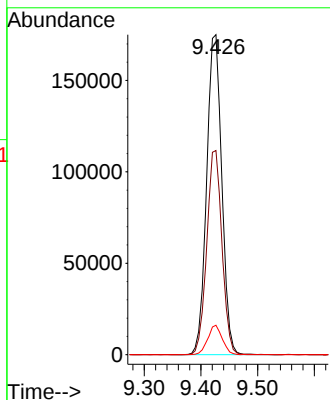
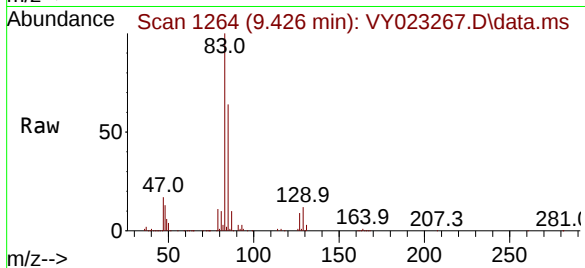




#47
Bromodichloromethane
Concen: 49.833 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

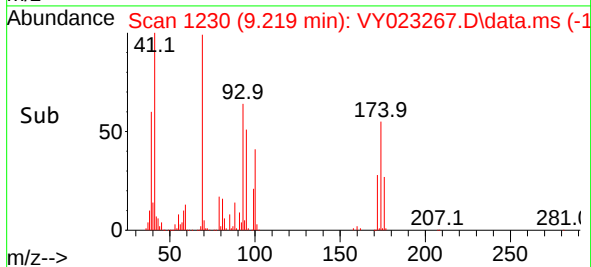
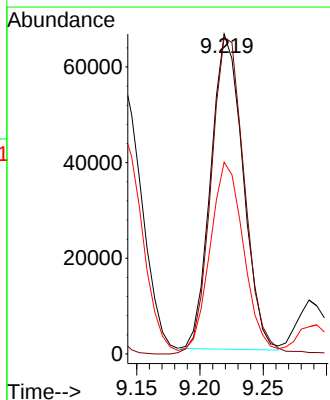
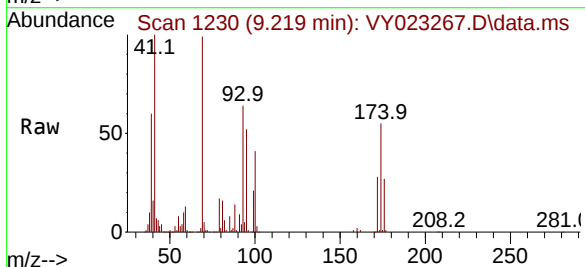
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 325573
Ion Ratio Lower Upper
83 100
85 63.8 50.2 75.4
127 9.2 6.6 10.0



#48
Methyl methacrylate
Concen: 46.114 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion: 41 Resp: 116866
Ion Ratio Lower Upper
41 100
69 104.3 73.2 109.8
39 63.2 47.0 70.4

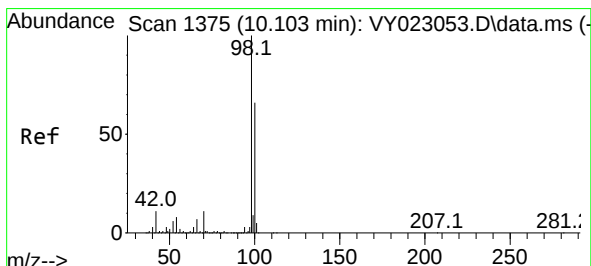
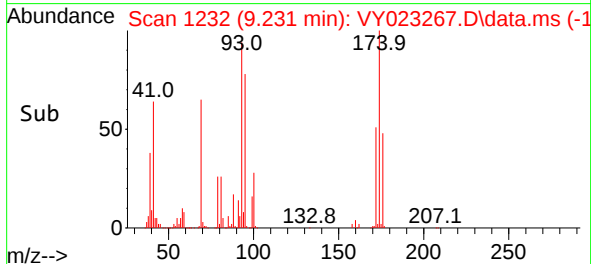
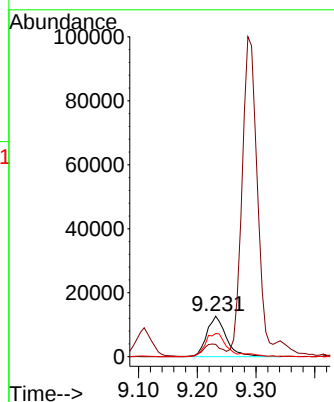
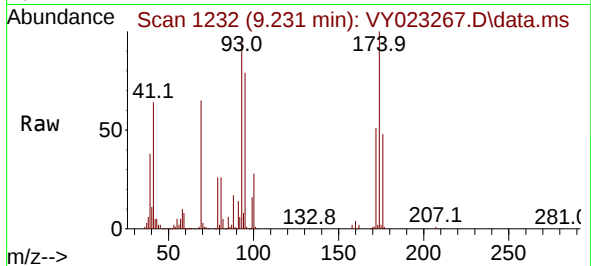




#49
1,4-Dioxane
Concen: 980.089 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

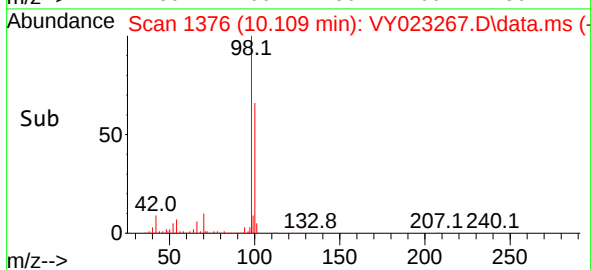
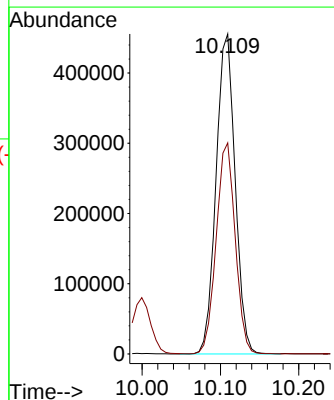
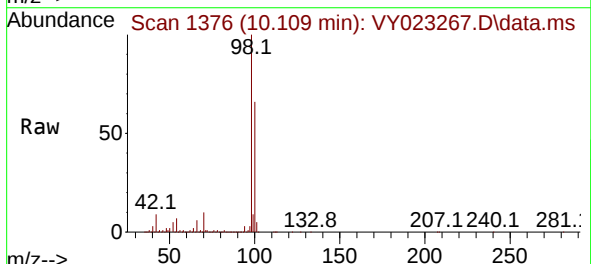
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

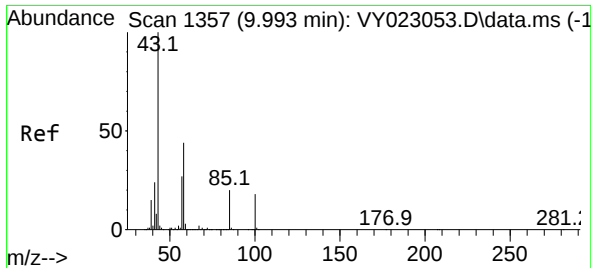
Tgt Ion: 88 Resp: 29178
Ion Ratio Lower Upper
88 100
43 28.4 24.3 36.5
58 67.2 55.4 83.0



#50
Toluene-d8
Concen: 47.009 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion: 98 Resp: 770814
Ion Ratio Lower Upper
98 100
100 65.9 52.3 78.5

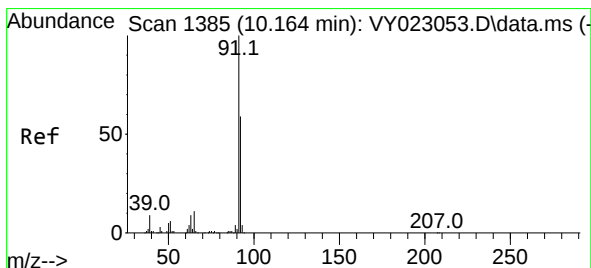
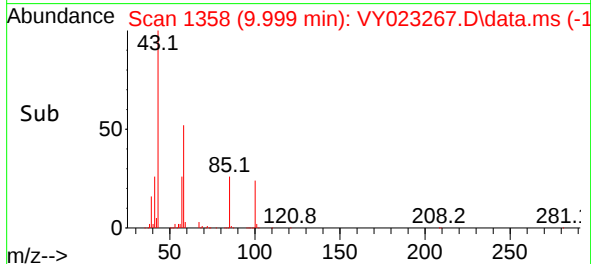
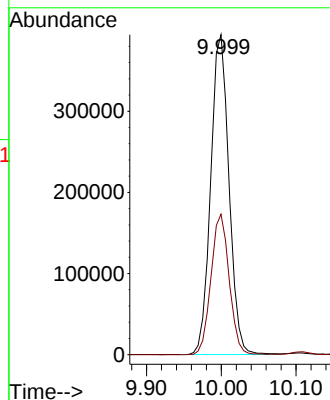
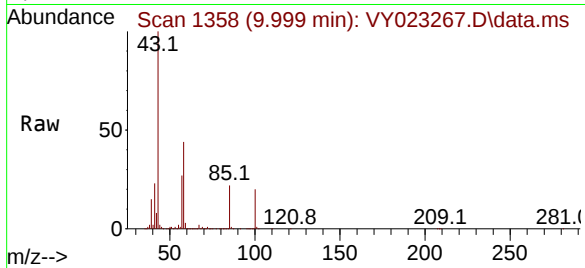




#51
4-Methyl-2-Pentanone
Concen: 245.854 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

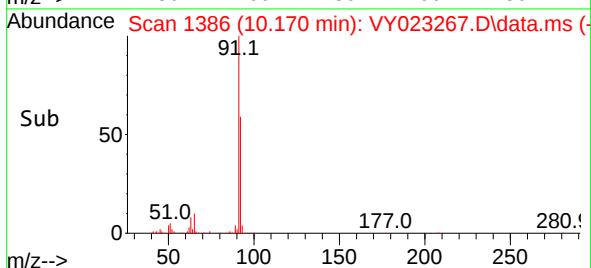
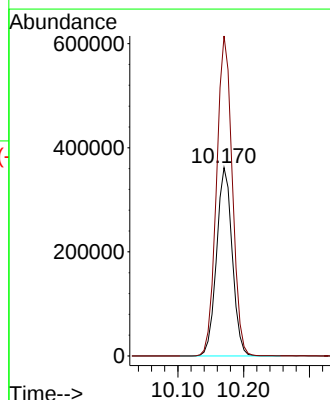
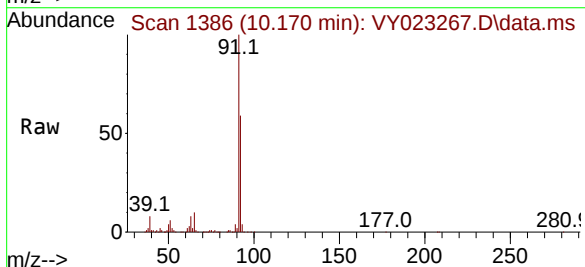
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

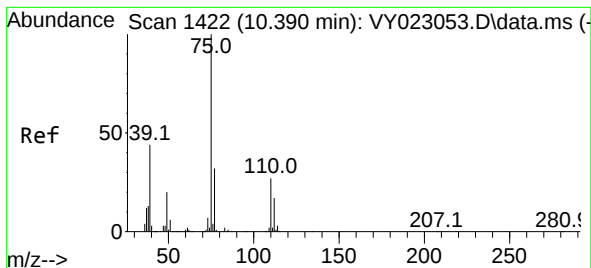
Tgt Ion: 43 Resp: 671636
Ion Ratio Lower Upper
43 100
58 43.7 33.5 50.3



#52
Toluene
Concen: 49.112 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion: 92 Resp: 599691
Ion Ratio Lower Upper
92 100
91 170.6 136.4 204.6

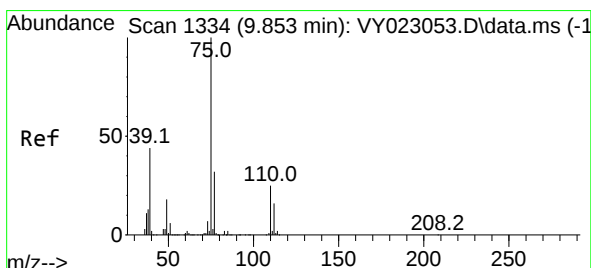
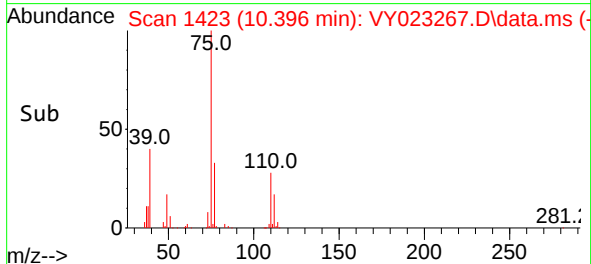
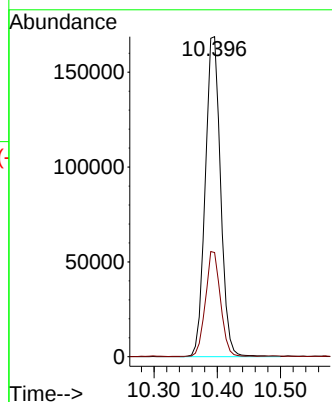
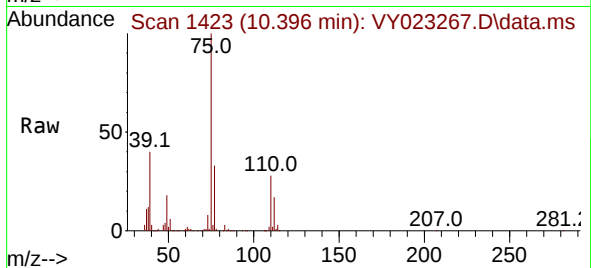




#53
t-1,3-Dichloropropene
Concen: 48.128 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

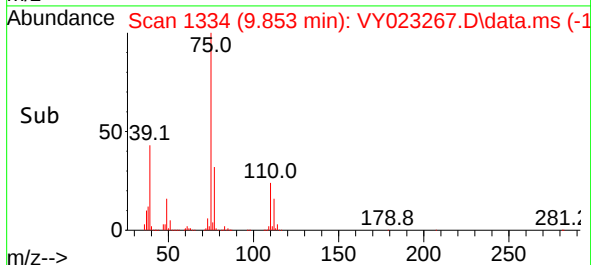
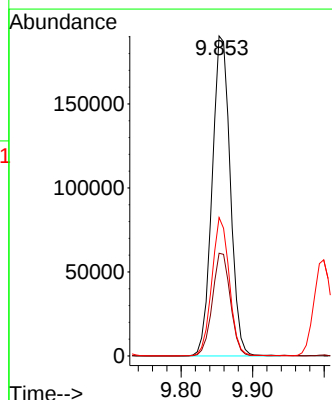
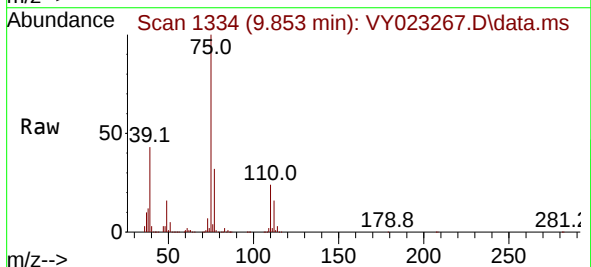
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

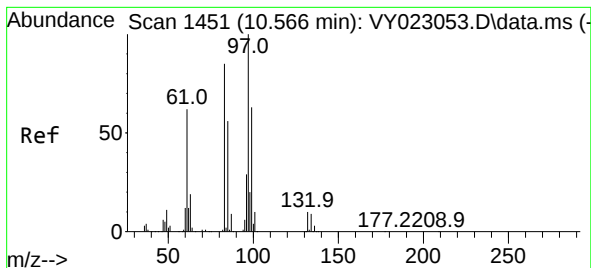
Tgt Ion: 75 Resp: 284733
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 47.895 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion: 75 Resp: 335063
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
39 43.2 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 52.020 ug/l

RT: 10.573 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 176736

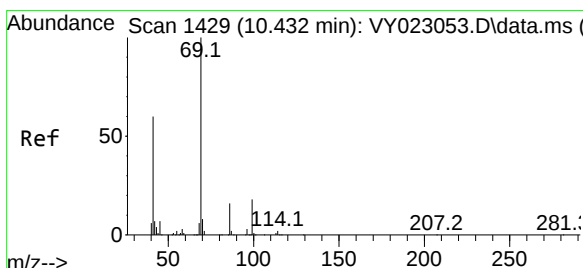
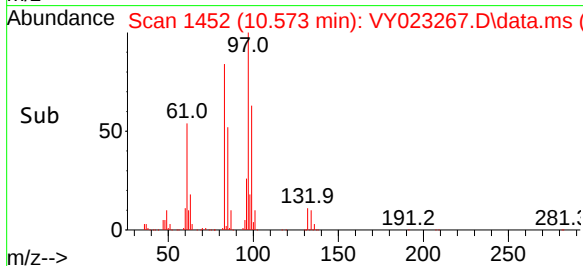
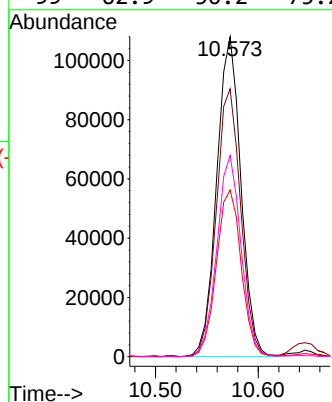
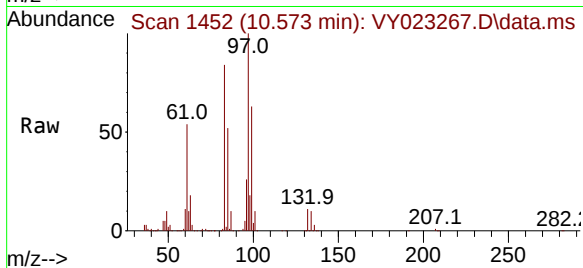
Ion Ratio Lower Upper

97 100

83 83.7 67.7 101.5

85 52.1 44.5 66.7

99 62.9 50.2 75.2



#56

Ethyl methacrylate

Concen: 50.139 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

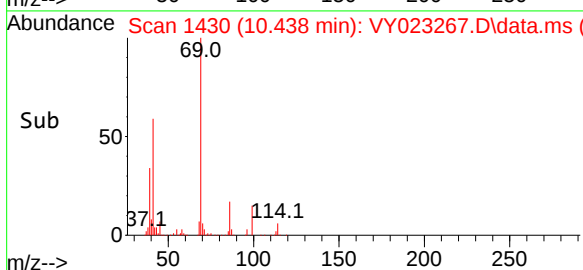
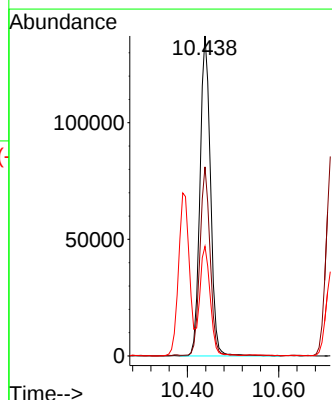
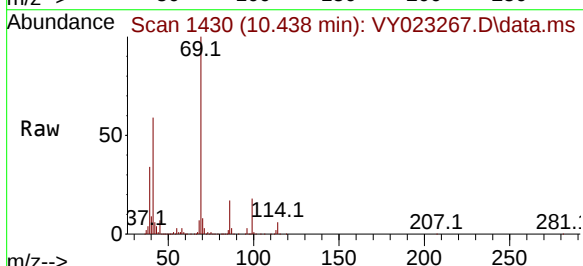
Tgt Ion: 69 Resp: 217975

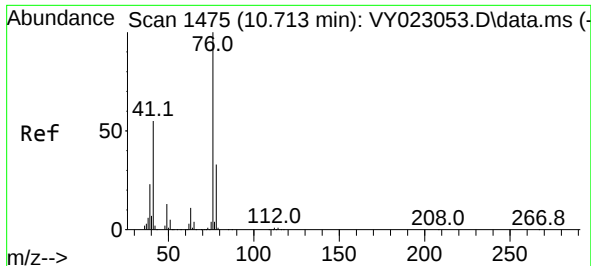
Ion Ratio Lower Upper

69 100

41 57.1 48.6 72.8

39 34.3 27.0 40.4





#57

1,3-Dichloropropane

Concen: 49.779 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

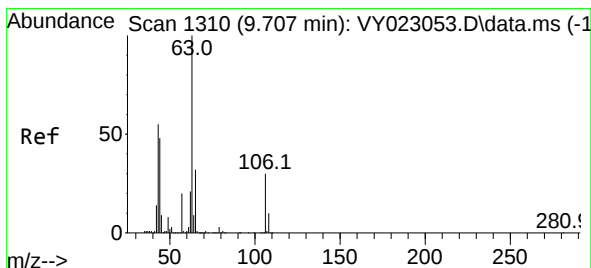
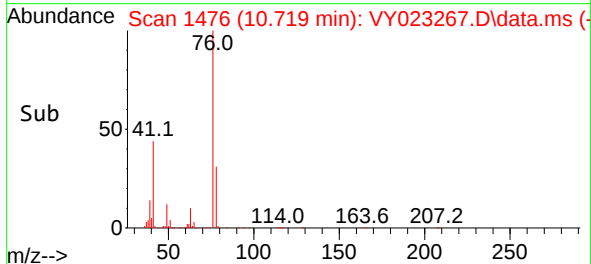
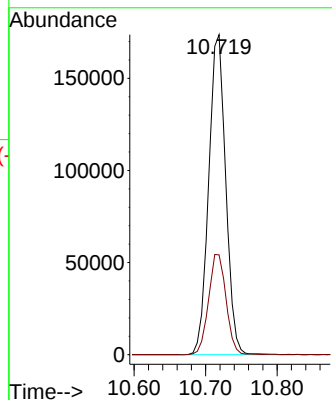
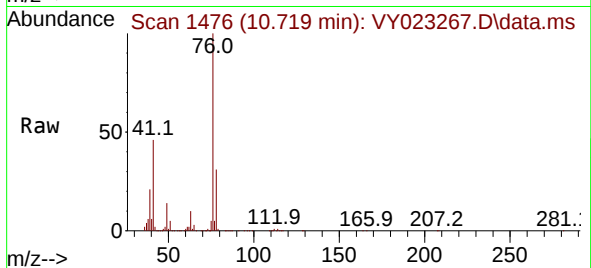
VSTDCCC050EC

Tgt Ion: 76 Resp: 286820

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 267.585 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023267.D

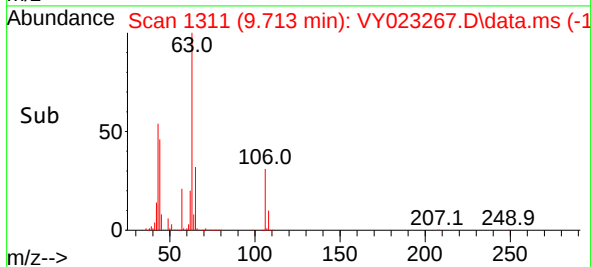
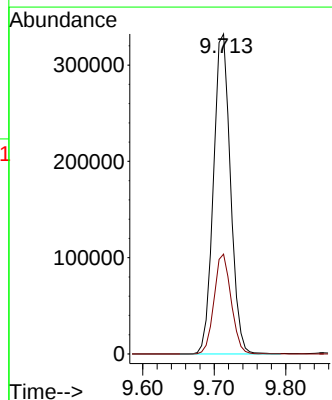
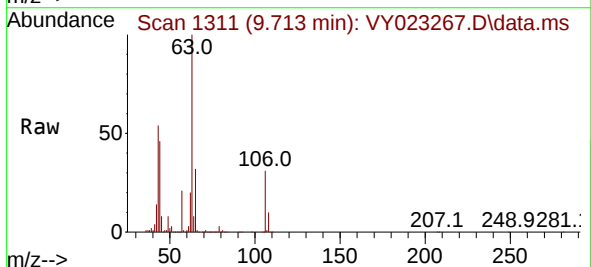
Acq: 02 Sep 2025 15:56

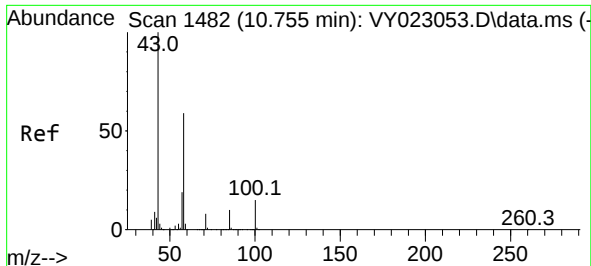
Tgt Ion: 63 Resp: 548727

Ion Ratio Lower Upper

63 100

106 31.4 23.2 34.8





#59

2-Hexanone

Concen: 240.208 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

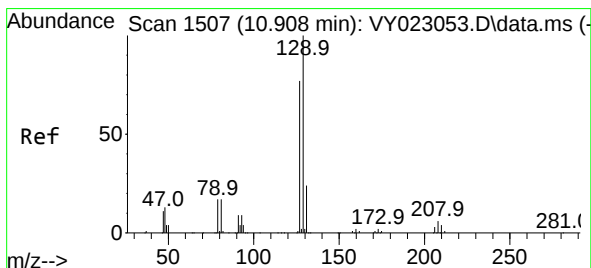
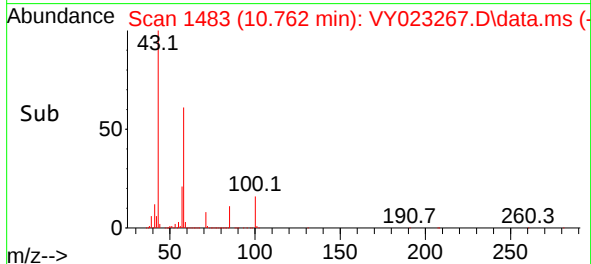
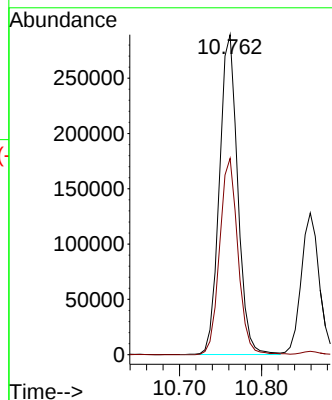
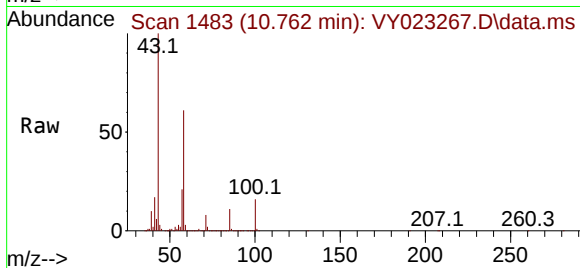
VSTDCCC050EC

Tgt Ion: 43 Resp: 446835

Ion Ratio Lower Upper

43 100

58 61.4 29.5 88.5



#60

Dibromochloromethane

Concen: 53.259 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY023267.D

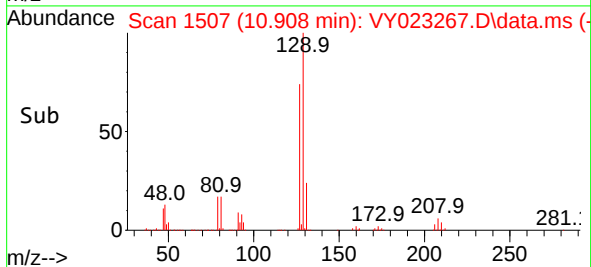
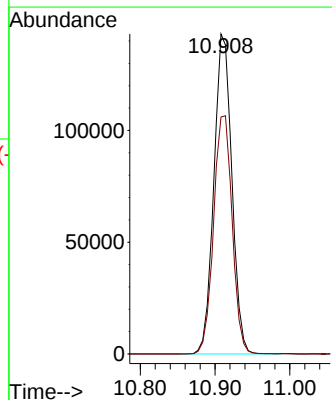
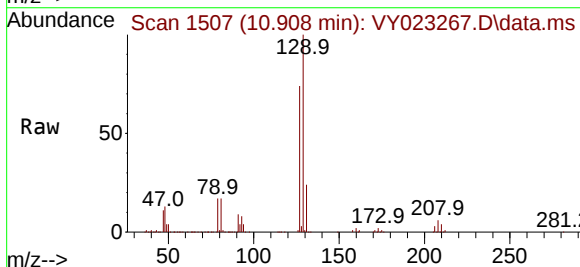
Acq: 02 Sep 2025 15:56

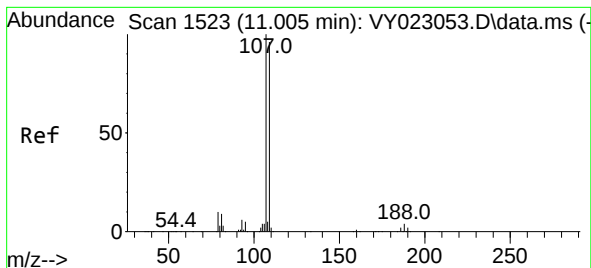
Tgt Ion:129 Resp: 238758

Ion Ratio Lower Upper

129 100

127 77.2 38.5 115.5

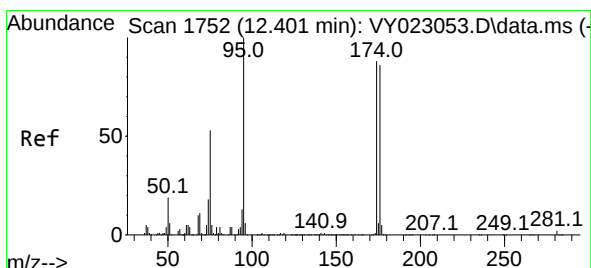
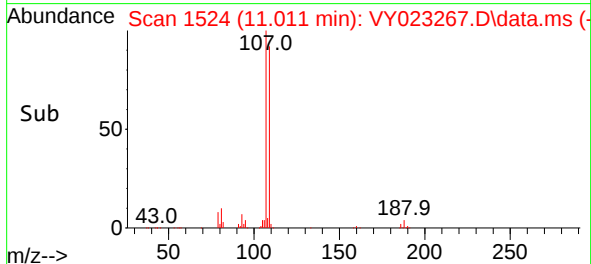
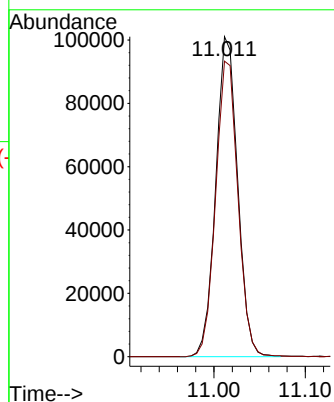
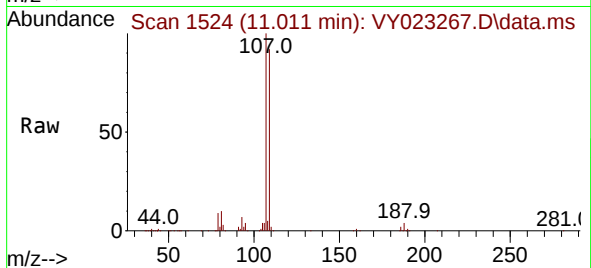




#61
1,2-Dibromoethane
Concen: 52.641 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

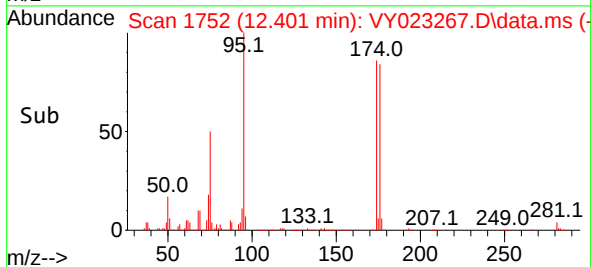
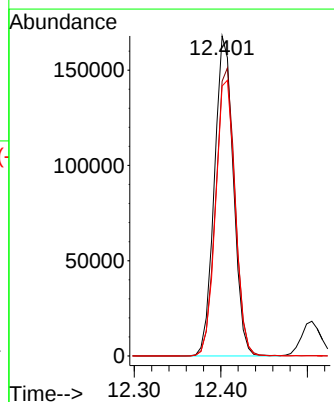
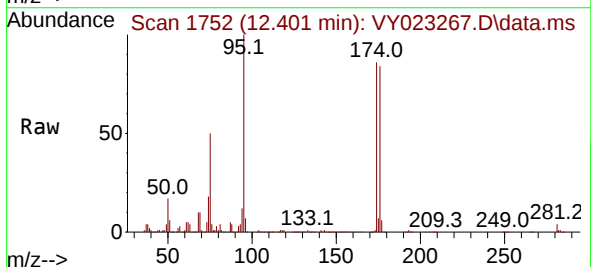
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

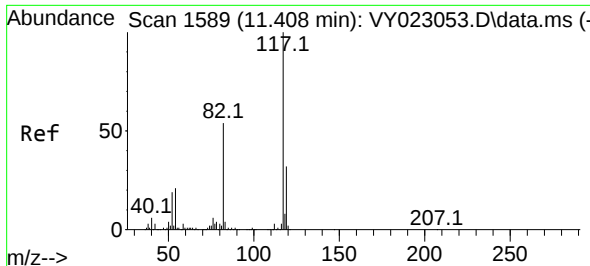
Tgt Ion:107 Resp: 168096
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.433 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion: 95 Resp: 255401
Ion Ratio Lower Upper
95 100
174 91.8 0.0 171.6
176 88.9 0.0 167.6

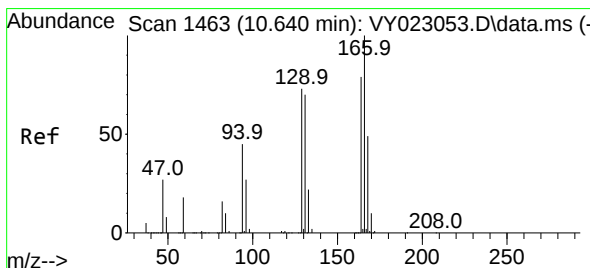
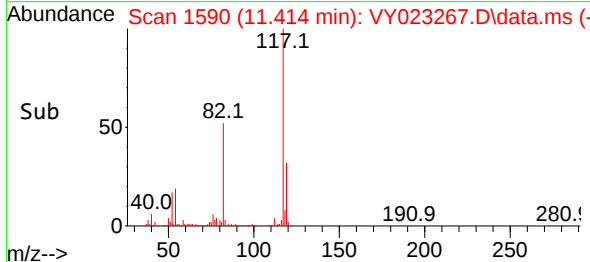
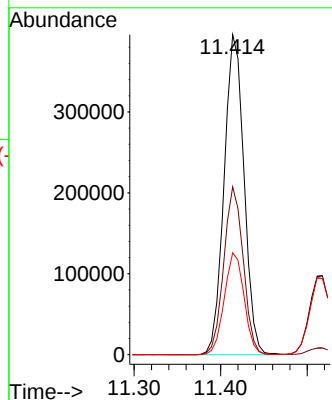
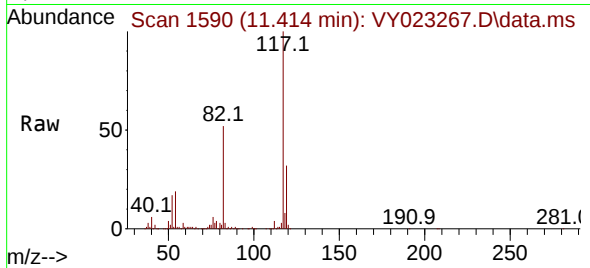




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

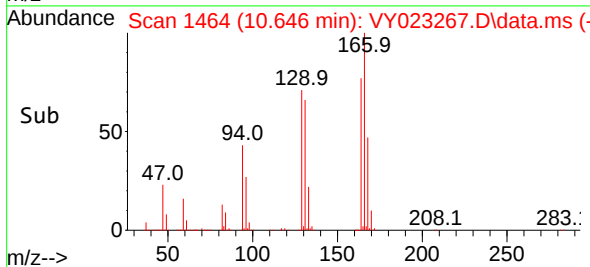
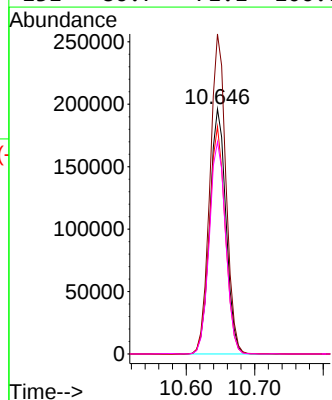
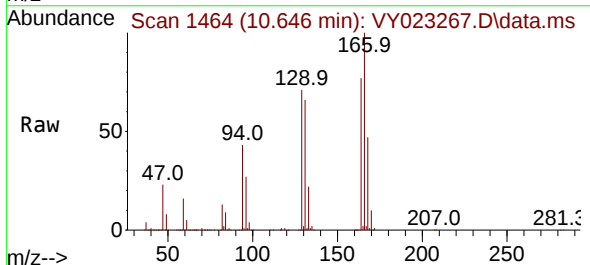
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

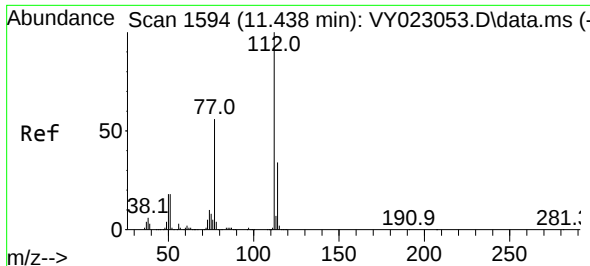
Tgt Ion:117 Resp: 632025
Ion Ratio Lower Upper
117 100
82 52.5 43.4 65.0
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 57.168 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion:164 Resp: 322629
Ion Ratio Lower Upper
164 100
166 130.7 101.1 151.7
129 92.8 74.0 111.0
131 86.7 71.1 106.7

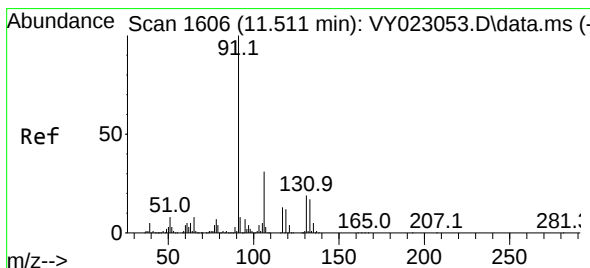
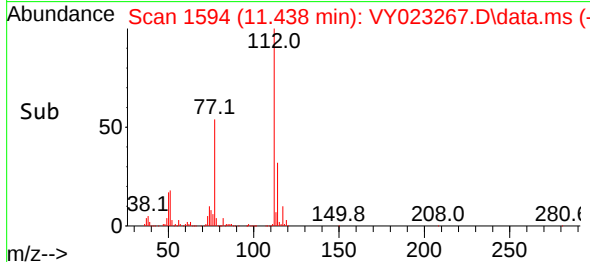
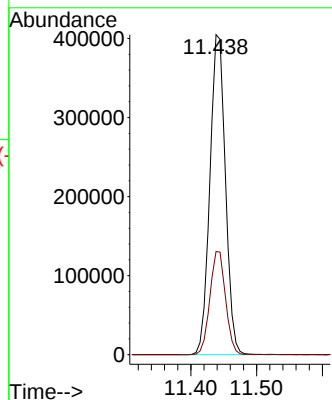
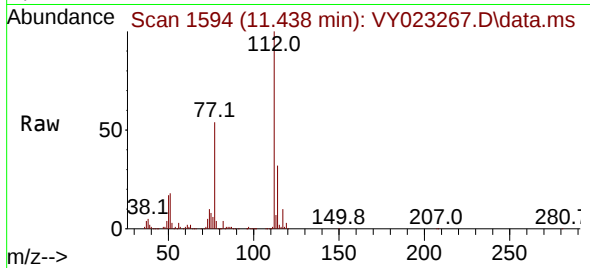




#65
Chlorobenzene
Concen: 48.883 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

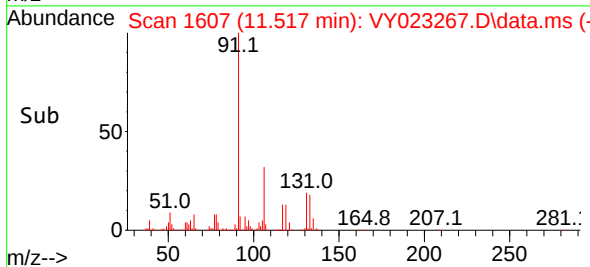
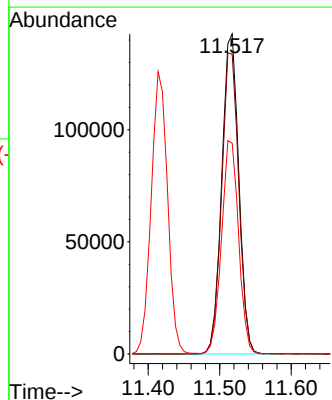
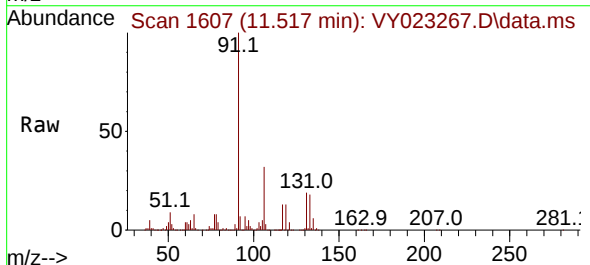
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

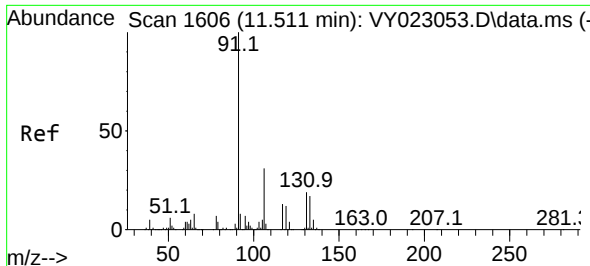
Tgt Ion:112 Resp: 666417
Ion Ratio Lower Upper
112 100
114 32.3 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.923 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion:131 Resp: 235613
Ion Ratio Lower Upper
131 100
133 94.9 46.9 140.6
119 67.0 33.2 99.6





#67

Ethyl Benzene

Concen: 47.864 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

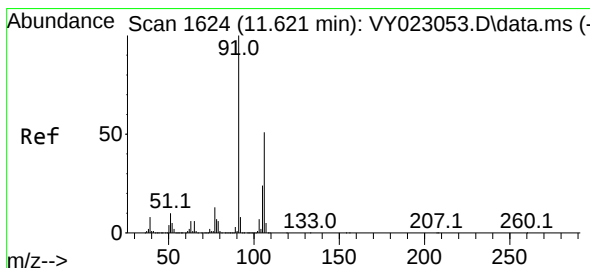
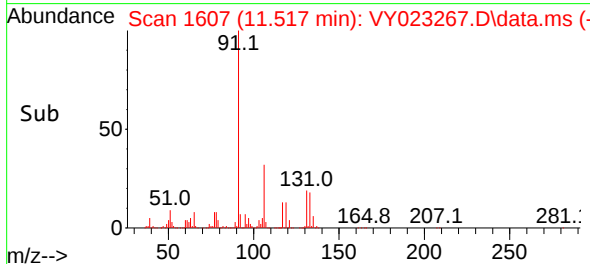
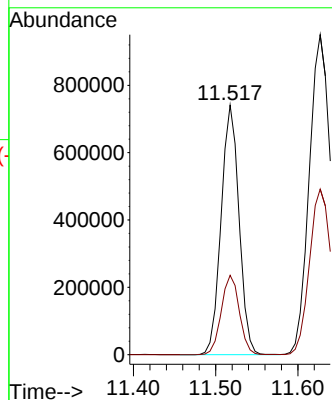
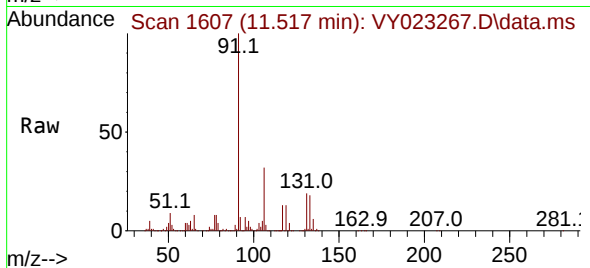
VSTDCCC050EC

Tgt Ion: 91 Resp: 1122916

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.4



#68

m/p-Xylenes

Concen: 97.308 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023267.D

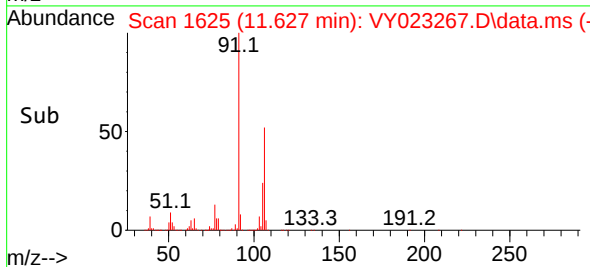
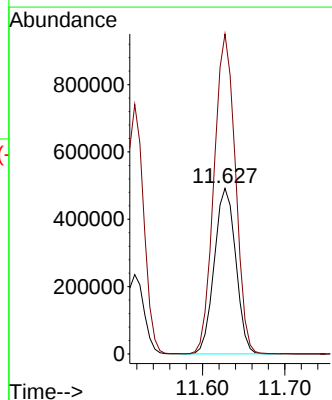
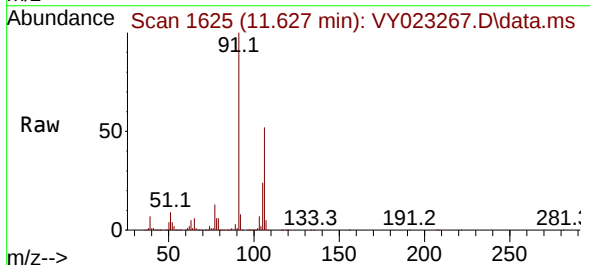
Acq: 02 Sep 2025 15:56

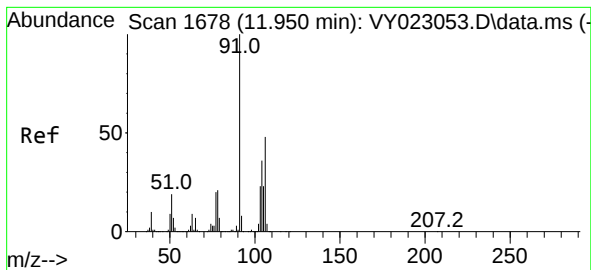
Tgt Ion: 106 Resp: 891622

Ion Ratio Lower Upper

106 100

91 192.5 158.6 238.0

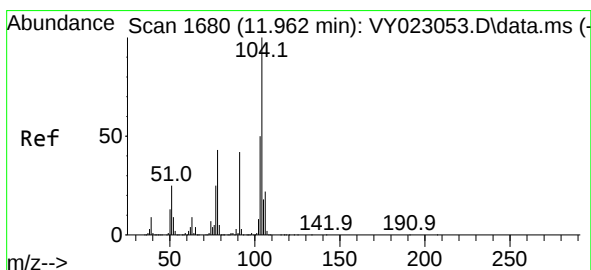
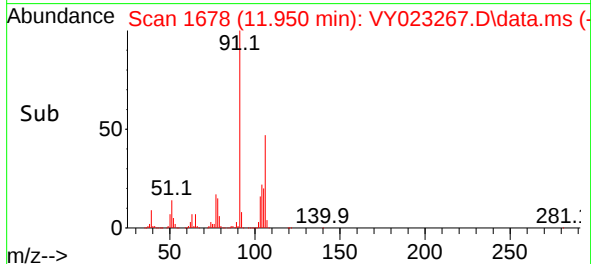
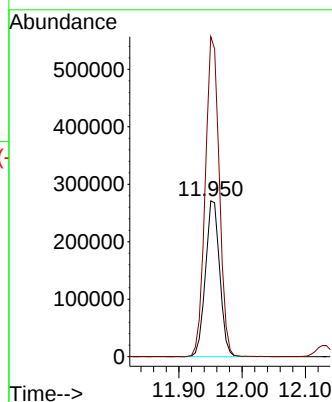
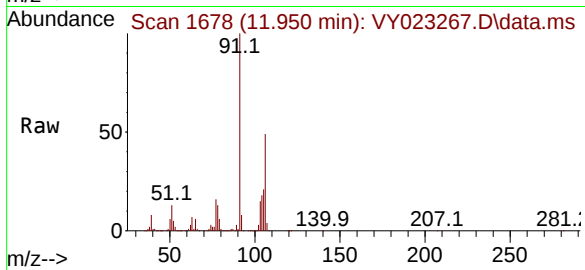




#69
o-Xylene
Concen: 49.597 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

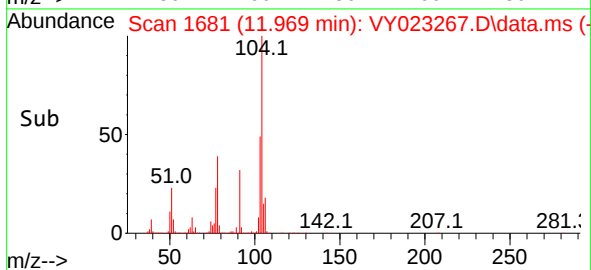
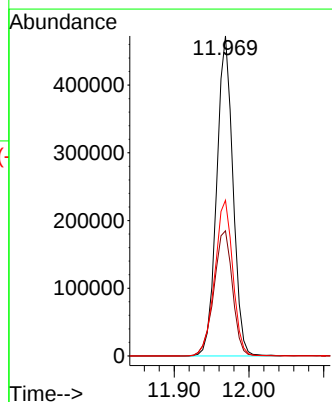
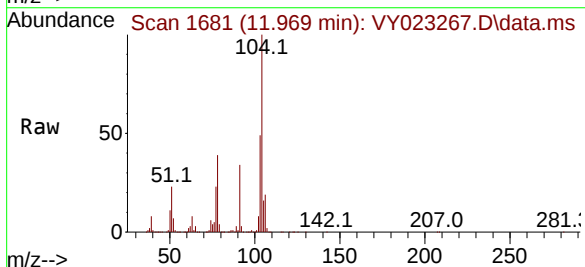
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

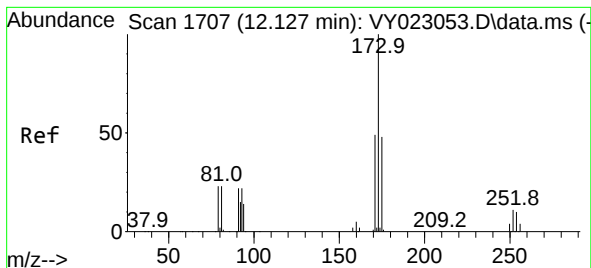
Tgt Ion:106 Resp: 425634
Ion Ratio Lower Upper
106 100
91 202.3 103.2 309.4



#70
Styrene
Concen: 50.823 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion:104 Resp: 713285
Ion Ratio Lower Upper
104 100
78 44.9 38.5 57.7
103 53.9 43.7 65.5





#71

Bromoform

Concen: 53.928 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

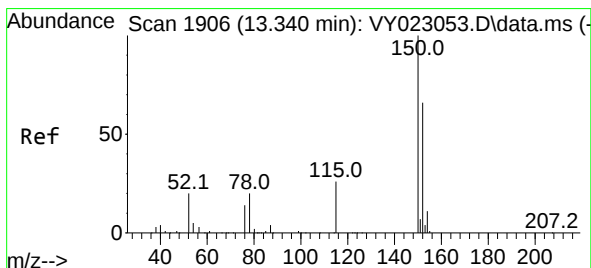
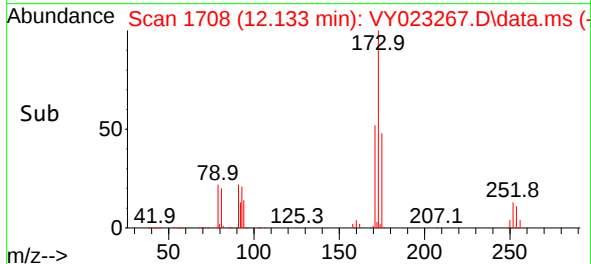
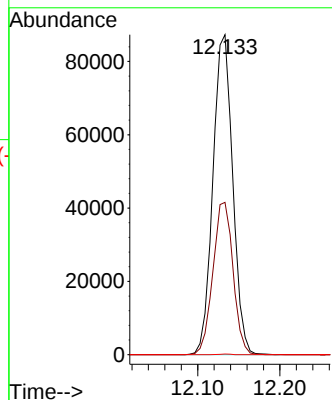
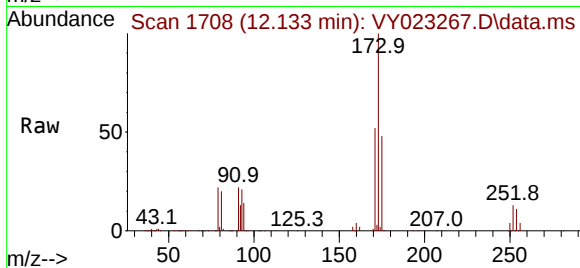
Tgt Ion:173 Resp: 145831

Ion Ratio Lower Upper

173 100

175 48.5 23.9 71.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

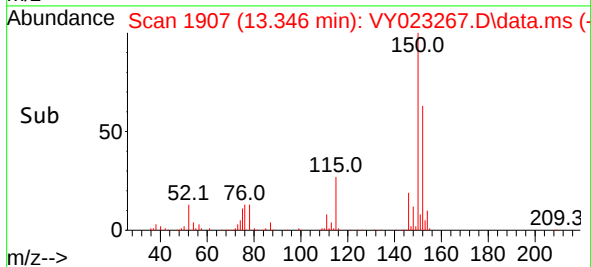
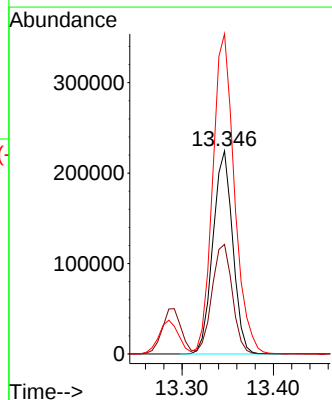
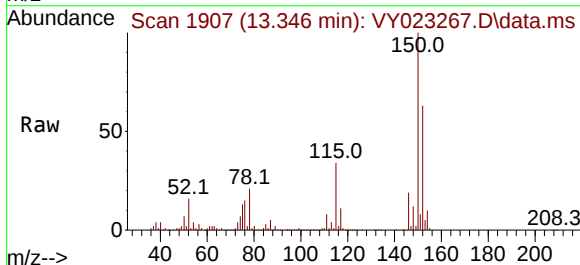
Tgt Ion:152 Resp: 337552

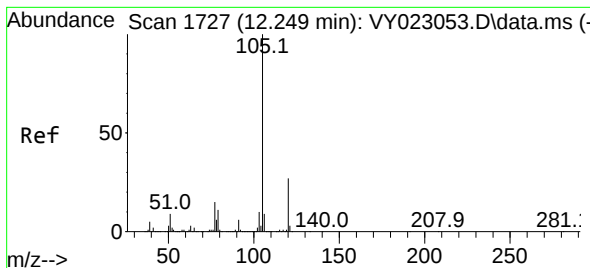
Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.6

150 172.9 0.0 348.0





#73

Isopropylbenzene

Concen: 45.626 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

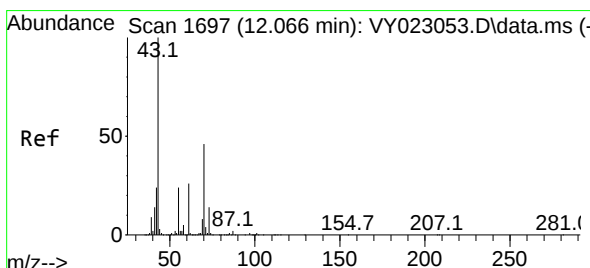
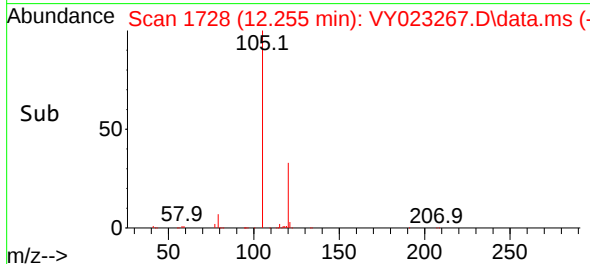
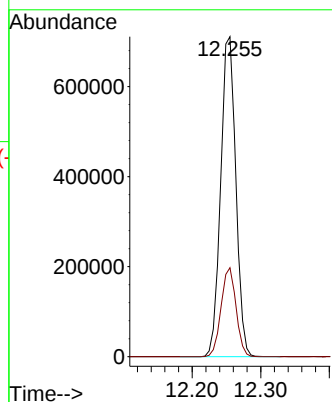
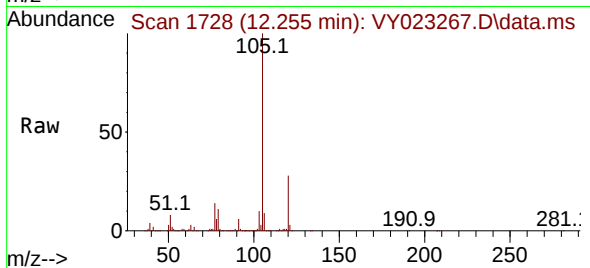
VSTDCCC050EC

Tgt Ion:105 Resp: 1087010

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.2



#74

N-ethyl acetate

Concen: 43.075 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

Tgt Ion: 43 Resp: 217631

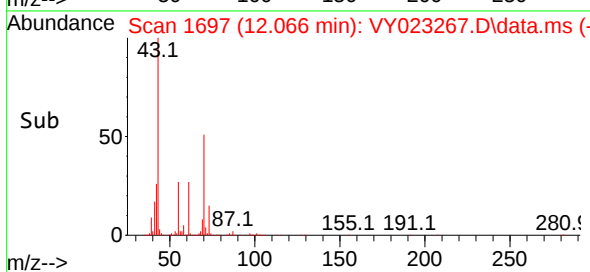
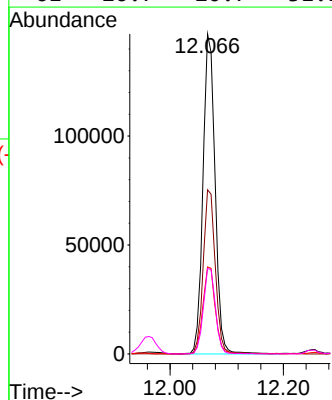
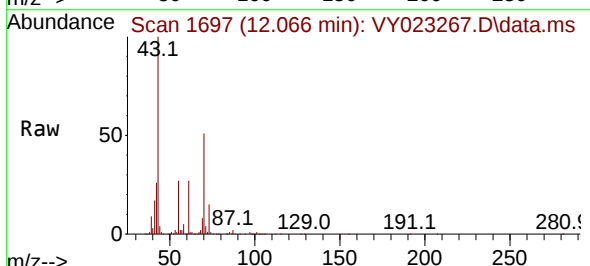
Ion Ratio Lower Upper

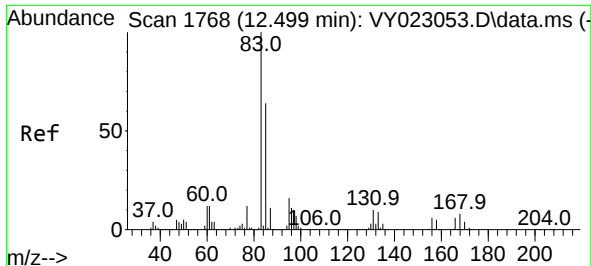
43 100

70 51.2 37.5 56.3

55 27.9 20.7 31.1

61 26.7 20.7 31.1

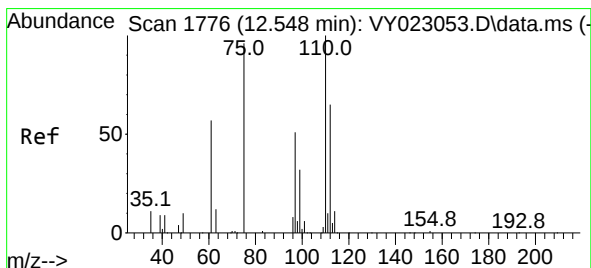
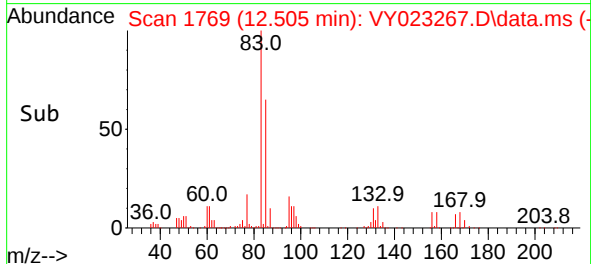
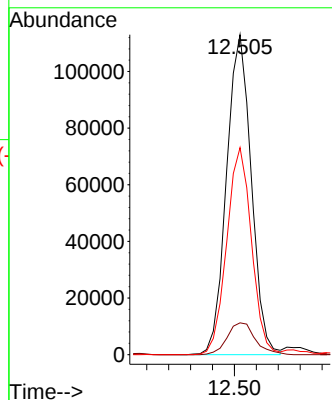
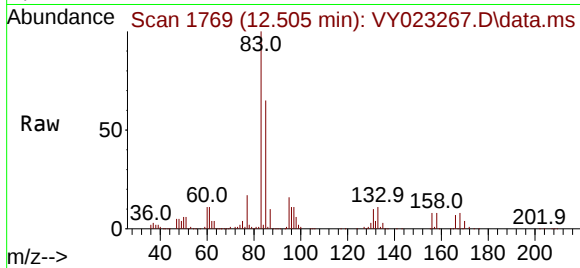




#75
 1,1,2,2-Tetrachloroethane
 Concen: 43.520 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: VY023267.D
 Acq: 02 Sep 2025 15:56

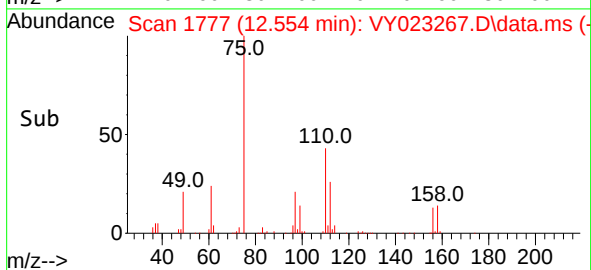
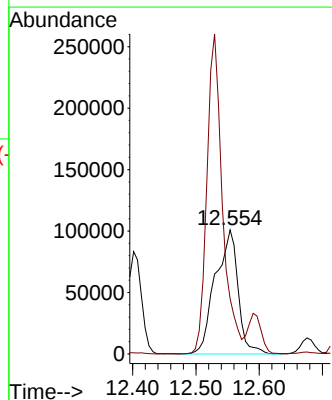
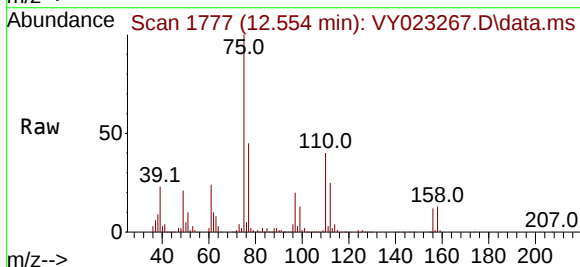
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

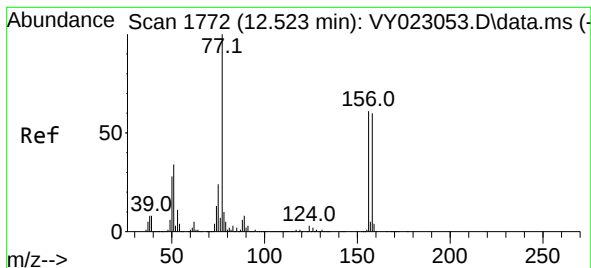
Tgt Ion: 83 Resp: 177036
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.1 15.3
 85 64.8 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 77.058 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.006 min
 Lab File: VY023267.D
 Acq: 02 Sep 2025 15:56

Tgt Ion: 75 Resp: 251033
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.564 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

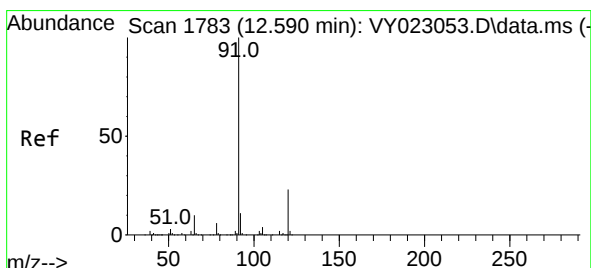
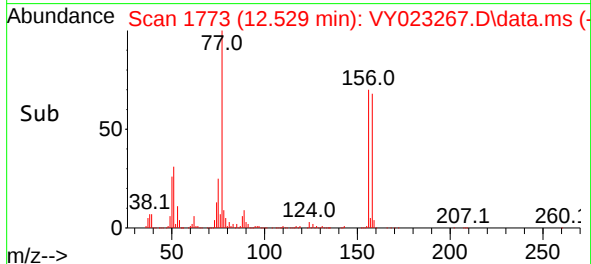
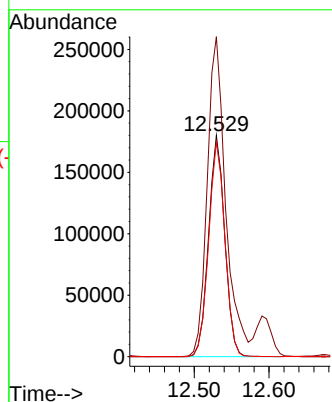
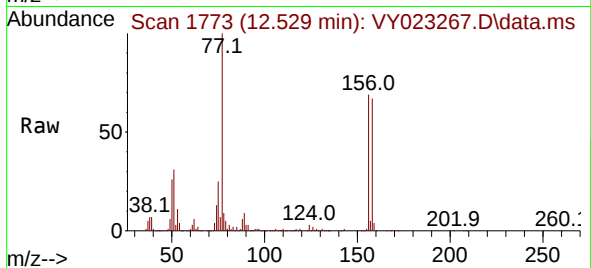
Tgt Ion:156 Resp: 270340

Ion Ratio Lower Upper

156 100

77 164.9 88.1 264.4

158 97.6 48.0 144.0



#78

n-propylbenzene

Concen: 44.982 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023267.D

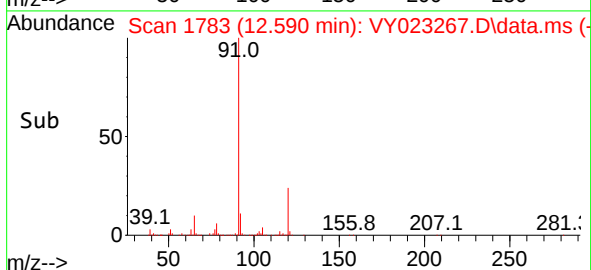
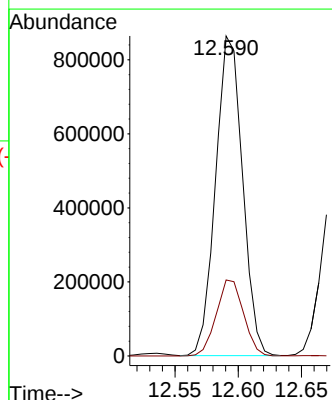
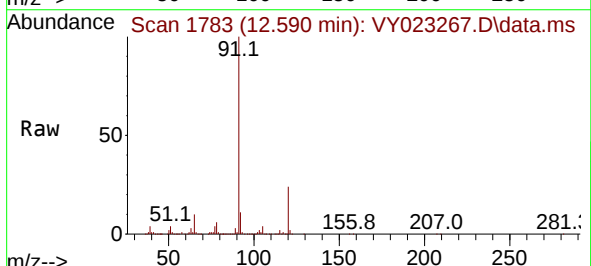
Acq: 02 Sep 2025 15:56

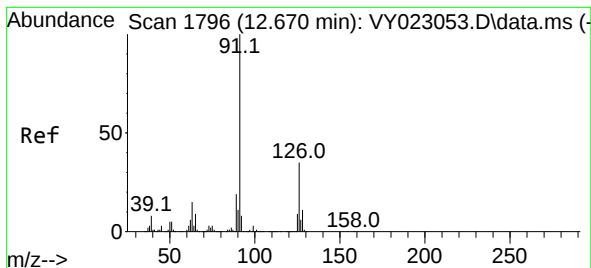
Tgt Ion: 91 Resp: 1275889

Ion Ratio Lower Upper

91 100

120 24.1 11.5 34.5





#79

2-Chlorotoluene

Concen: 45.210 ug/l

RT: 12.676 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

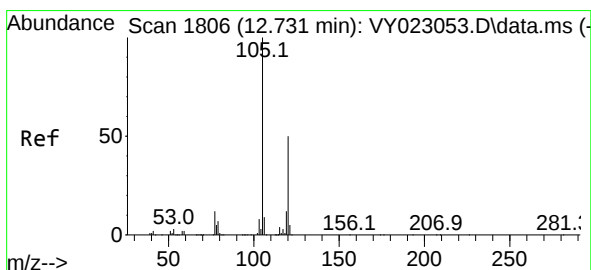
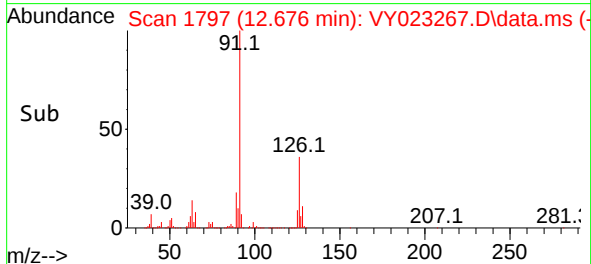
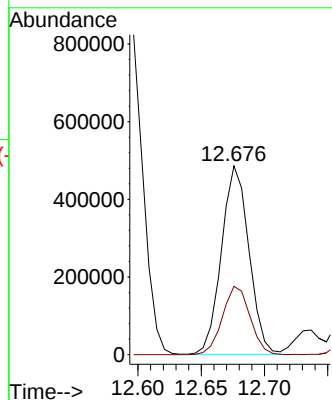
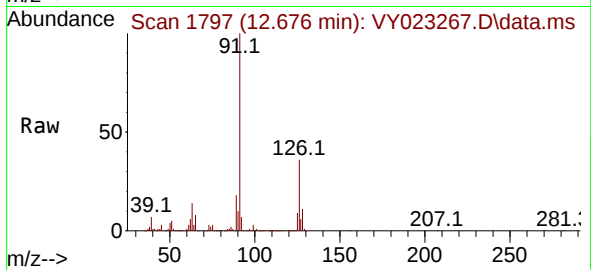
VSTDCCC050EC

Tgt Ion: 91 Resp: 734735

Ion Ratio Lower Upper

91 100

126 36.4 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 45.968 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY023267.D

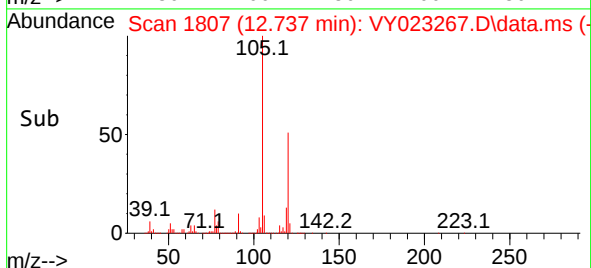
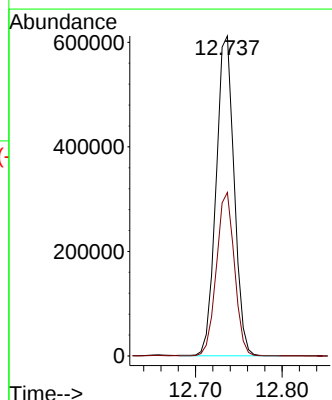
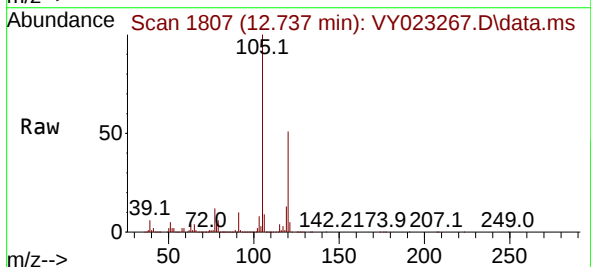
Acq: 02 Sep 2025 15:56

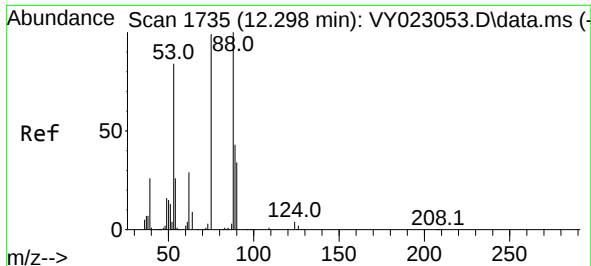
Tgt Ion:105 Resp: 885084

Ion Ratio Lower Upper

105 100

120 51.0 24.8 74.4

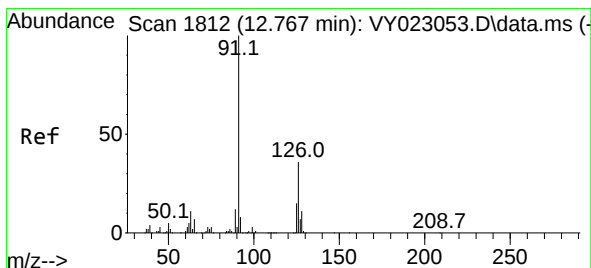
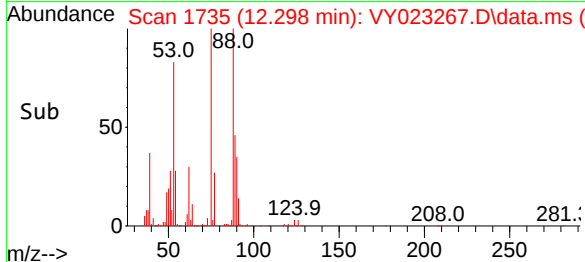
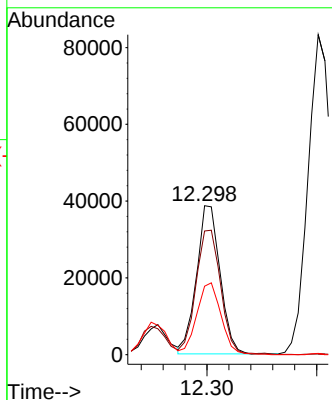
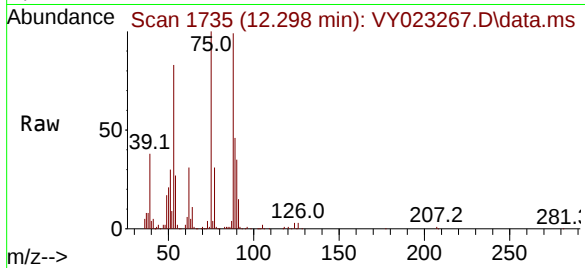




#81
trans-1,4-Dichloro-2-butene
Concen: 42.892 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

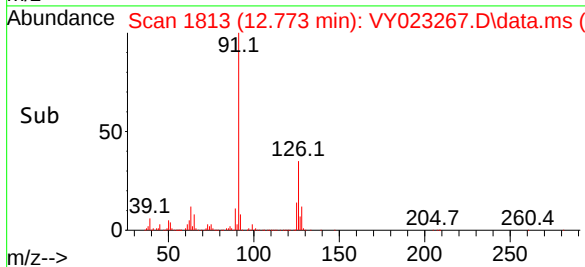
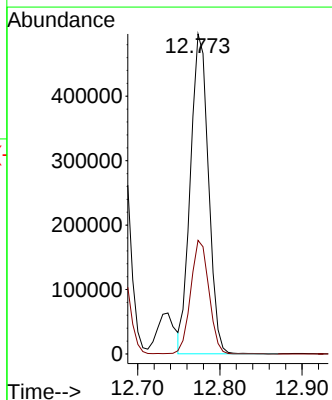
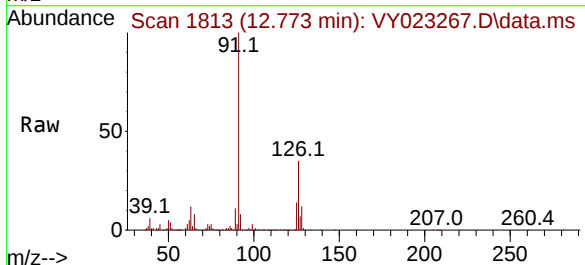
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 57724
Ion Ratio Lower Upper
75 100
53 88.6 70.8 106.2
89 50.1 38.1 57.1



#82
4-Chlorotoluene
Concen: 44.708 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion: 91 Resp: 753733
Ion Ratio Lower Upper
91 100
126 36.0 17.3 52.0





#83

tert-Butylbenzene

Concen: 46.401 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

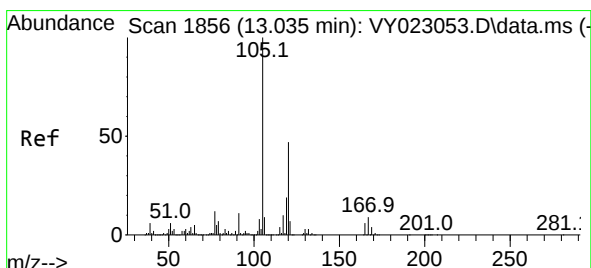
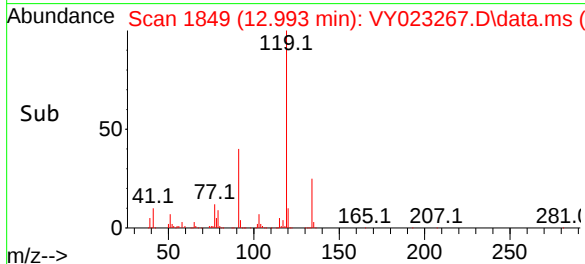
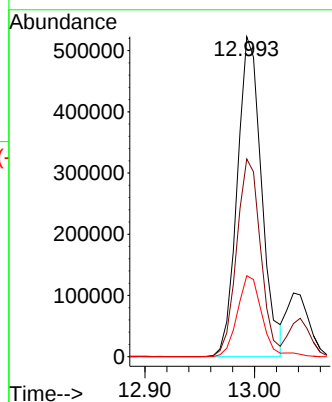
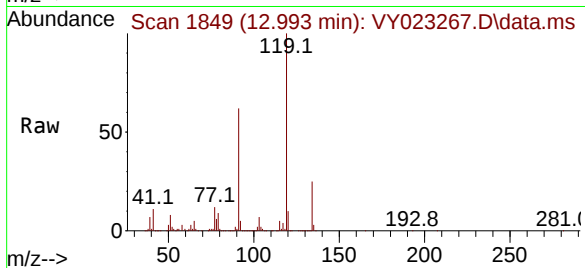
Tgt Ion:119 Resp: 806903

Ion Ratio Lower Upper

119 100

91 60.9 31.6 94.8

134 25.7 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 46.274 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023267.D

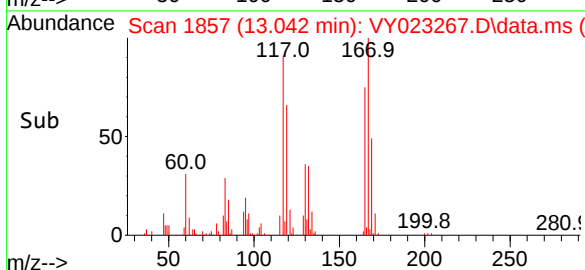
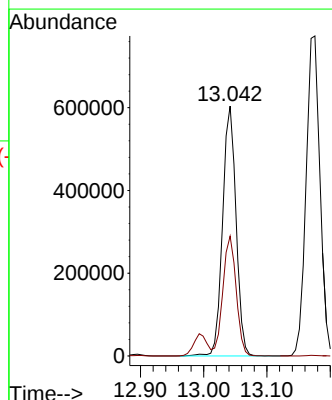
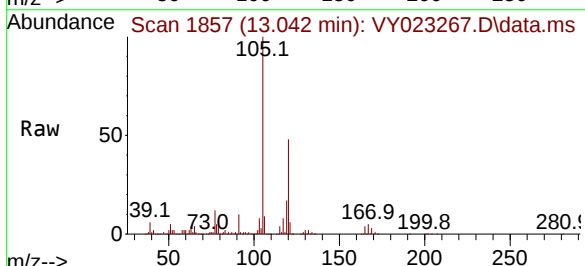
Acq: 02 Sep 2025 15:56

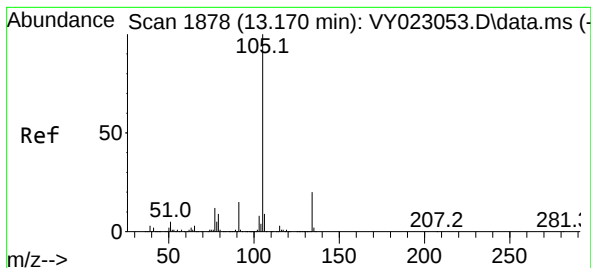
Tgt Ion:105 Resp: 886932

Ion Ratio Lower Upper

105 100

120 47.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 45.930 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

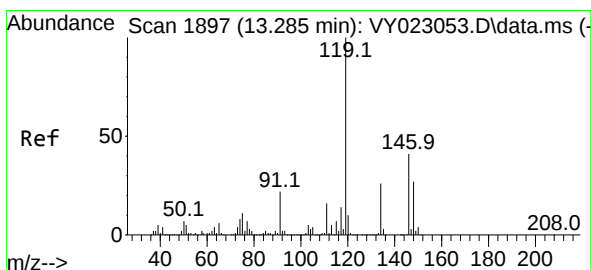
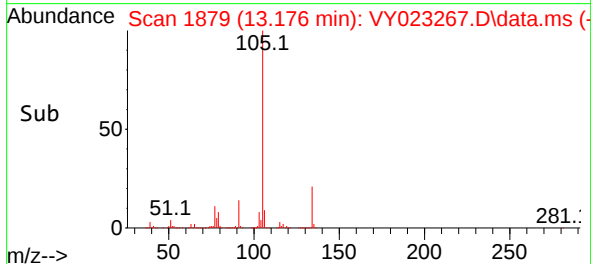
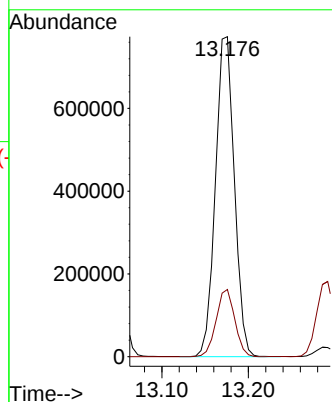
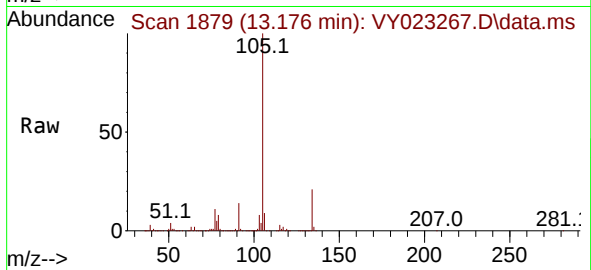
VSTDCCC050EC

Tgt Ion:105 Resp: 1173310

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 46.875 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

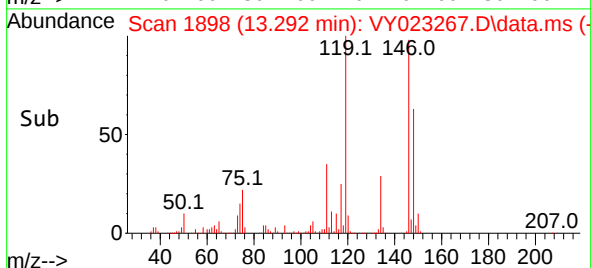
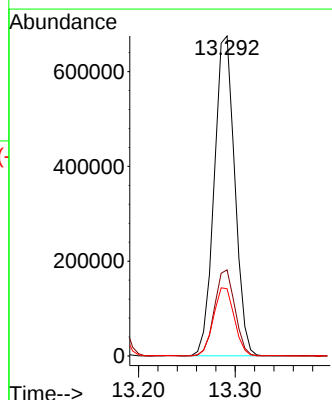
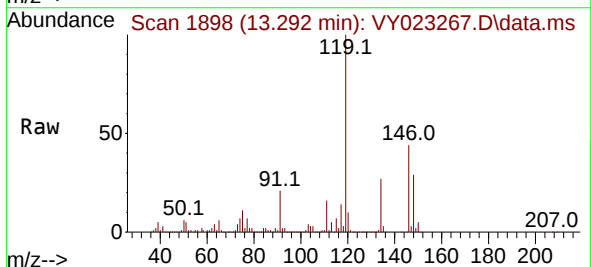
Tgt Ion:119 Resp: 993946

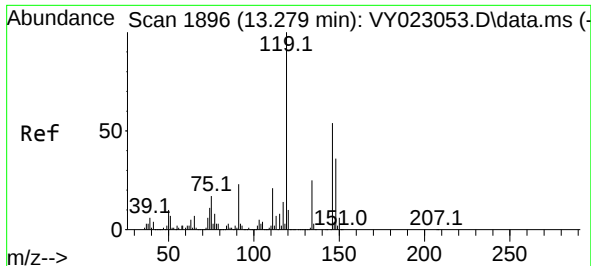
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.6

91 21.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 47.505 ug/l

RT: 13.285 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

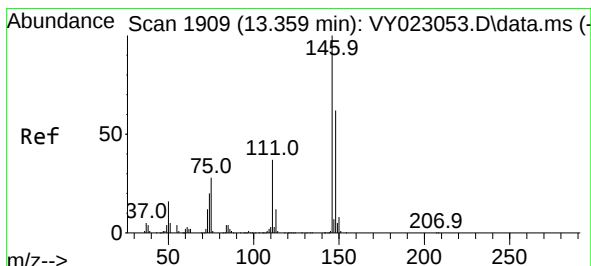
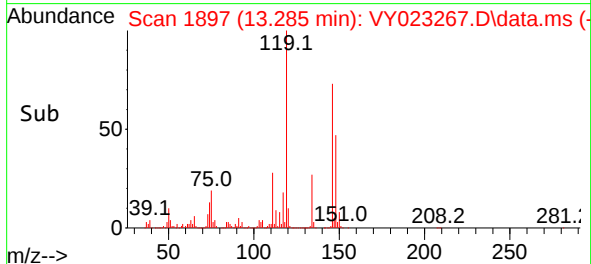
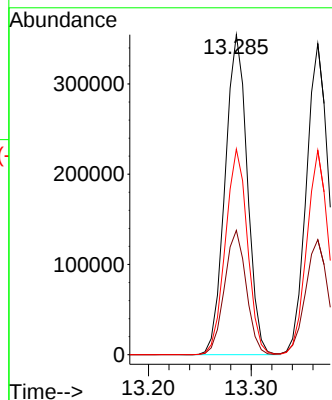
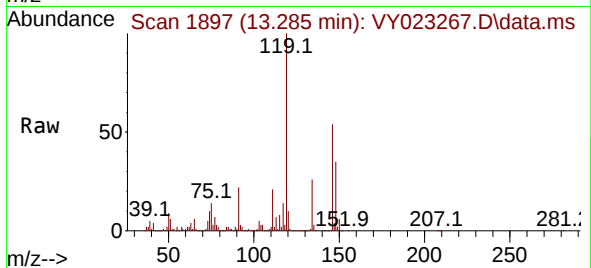
Tgt Ion:146 Resp: 532451

Ion Ratio Lower Upper

146 100

111 38.0 19.6 58.7

148 63.8 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 46.600 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

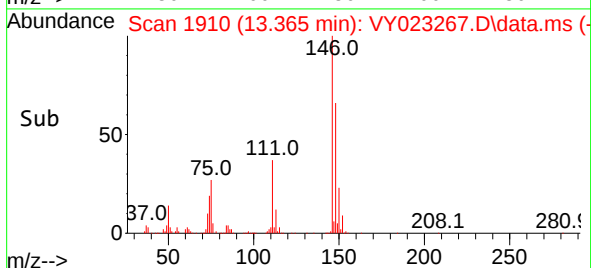
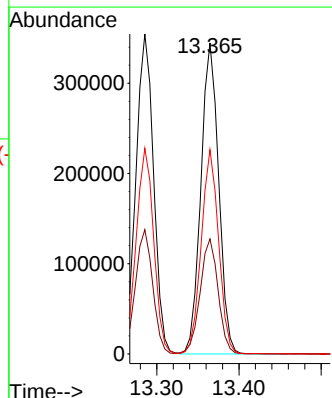
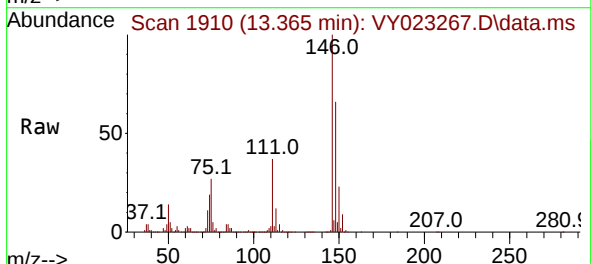
Tgt Ion:146 Resp: 518128

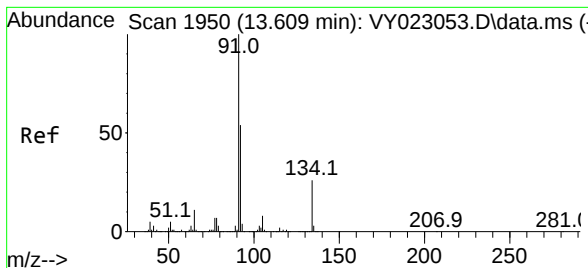
Ion Ratio Lower Upper

146 100

111 37.6 19.1 57.1

148 64.0 31.6 94.7





#89

n-Butylbenzene

Concen: 44.871 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

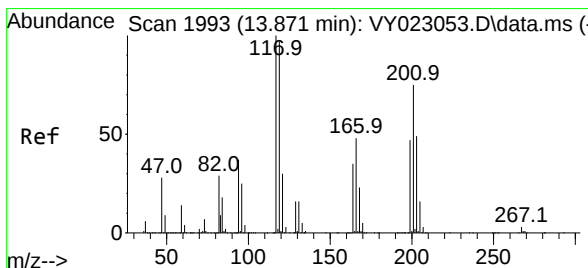
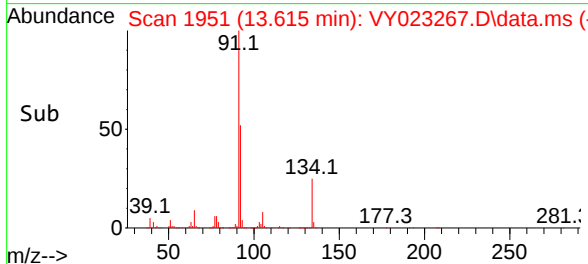
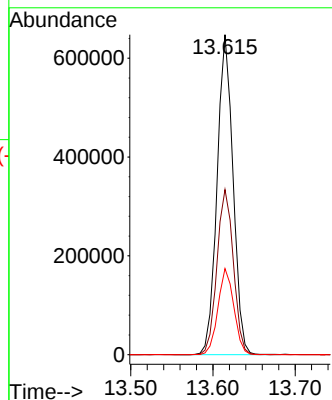
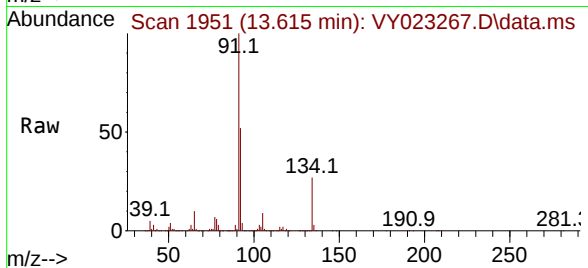
Tgt Ion: 91 Resp: 873863

Ion Ratio Lower Upper

91 100

92 53.1 26.9 80.7

134 26.9 13.2 39.5



#90

Hexachloroethane

Concen: 47.720 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023267.D

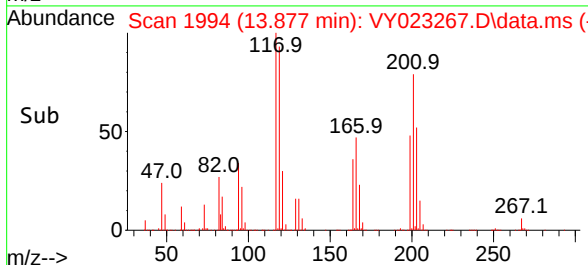
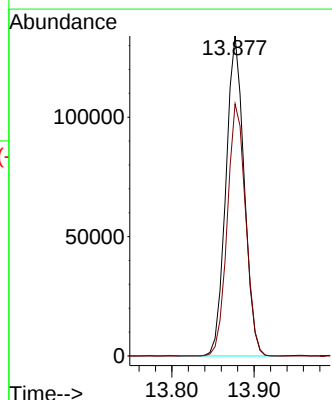
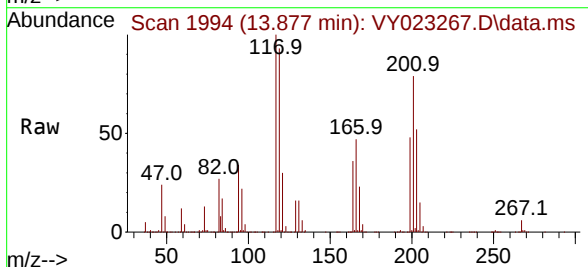
Acq: 02 Sep 2025 15:56

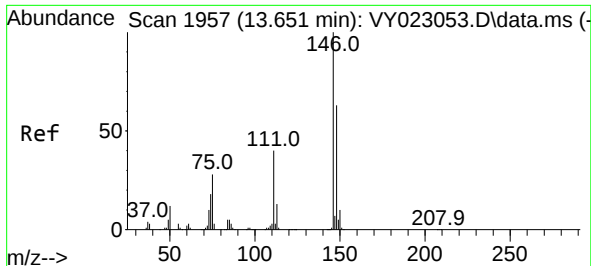
Tgt Ion: 117 Resp: 207141

Ion Ratio Lower Upper

117 100

201 79.2 38.4 115.1





#91

1,2-Dichlorobenzene

Concen: 48.441 ug/l

RT: 13.657 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

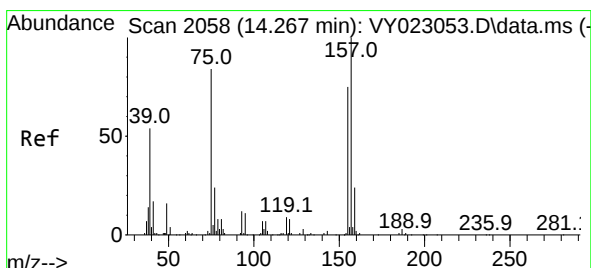
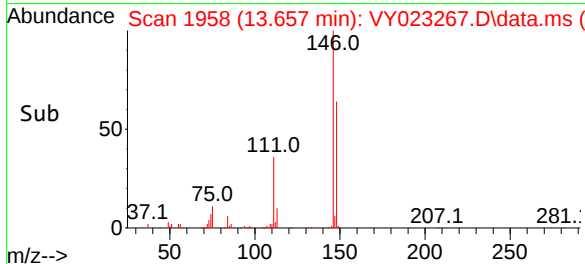
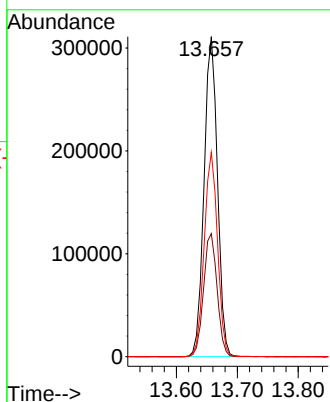
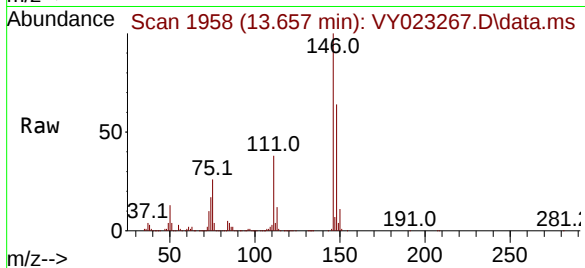
Tgt Ion:146 Resp: 476167

Ion Ratio Lower Upper

146 100

111 38.9 20.3 60.8

148 63.4 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.401 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

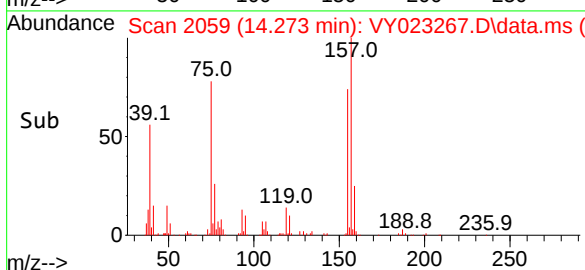
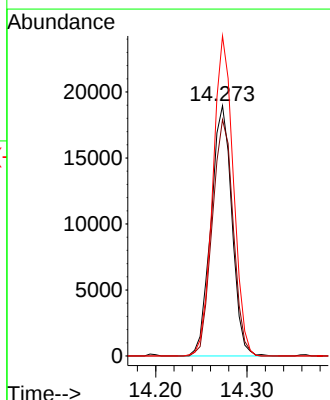
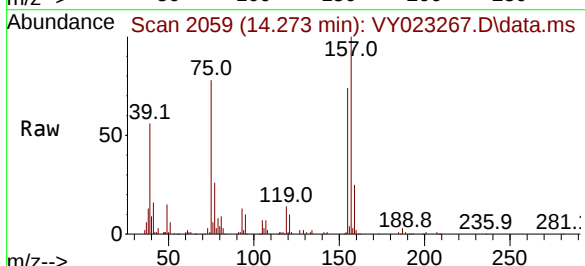
Tgt Ion: 75 Resp: 30022

Ion Ratio Lower Upper

75 100

155 94.9 43.9 131.6

157 125.4 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 48.103 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

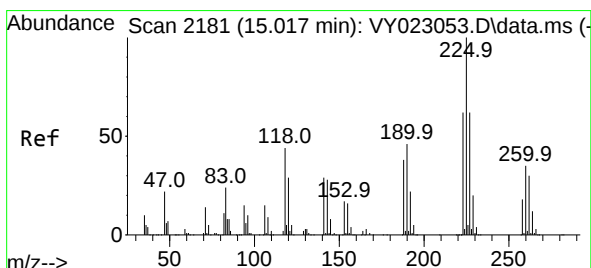
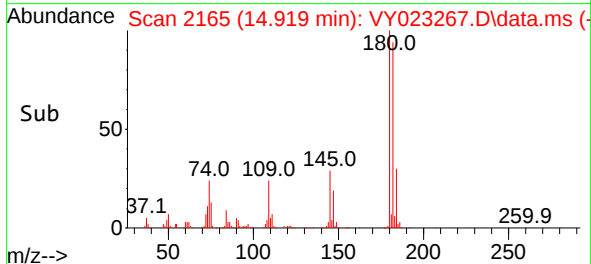
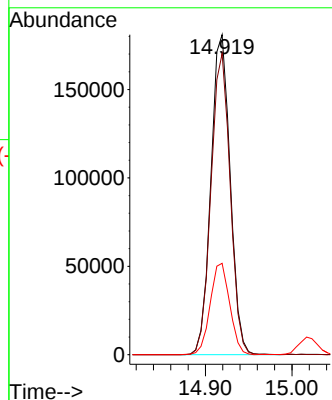
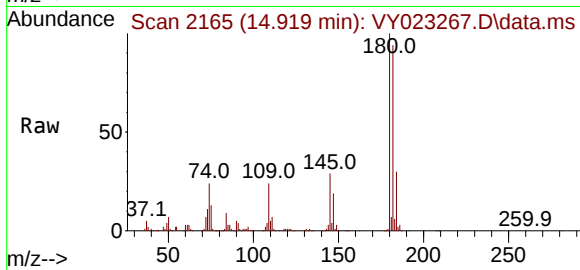
Tgt Ion:180 Resp: 279622

Ion Ratio Lower Upper

180 100

182 93.6 46.8 140.4

145 29.0 14.4 43.4



#94

Hexachlorobutadiene

Concen: 47.893 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023267.D

Acq: 02 Sep 2025 15:56

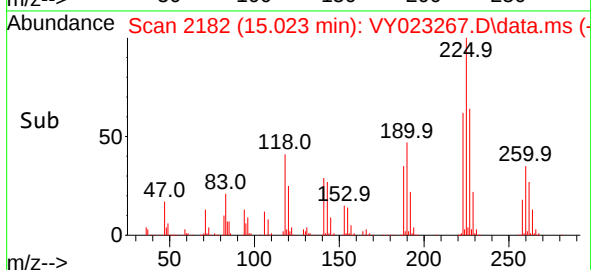
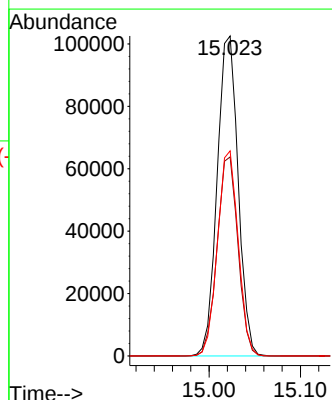
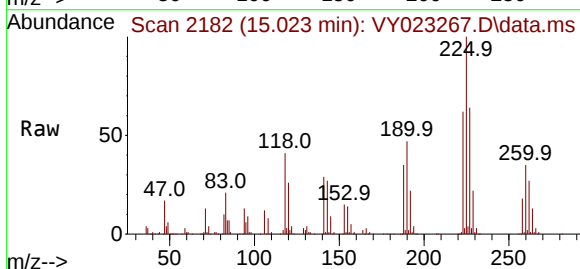
Tgt Ion:225 Resp: 163596

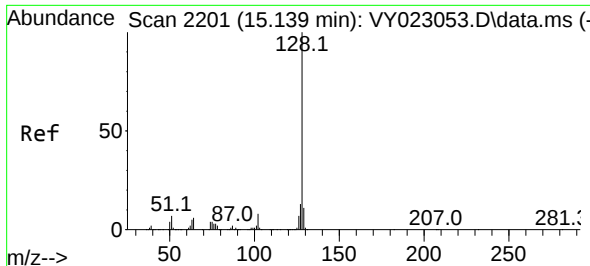
Ion Ratio Lower Upper

225 100

223 61.8 31.3 93.8

227 63.3 31.5 94.5

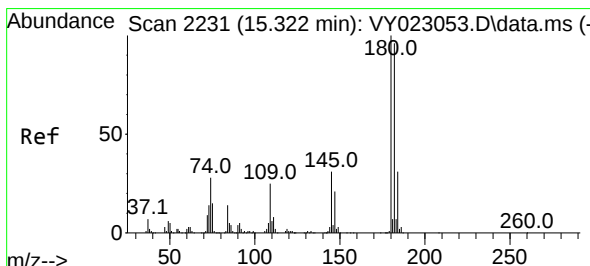
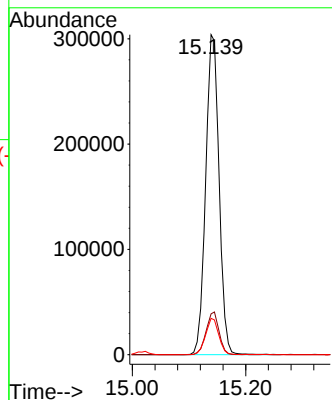
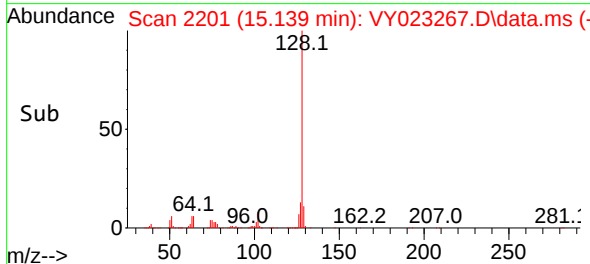
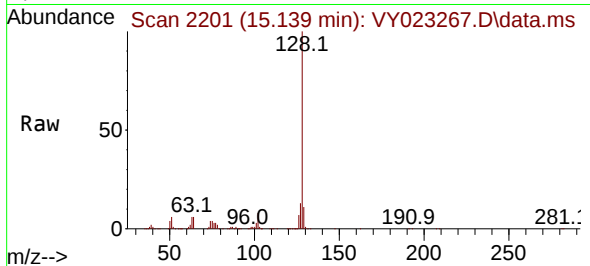




#95
Naphthalene
Concen: 50.228 ug/l
RT: 15.139 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 497872
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.1 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 49.078 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY023267.D
Acq: 02 Sep 2025 15:56

Tgt Ion:180 Resp: 245832
Ion Ratio Lower Upper
180 100
182 94.9 47.9 143.7
145 31.3 15.9 47.7

