

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090825\
 Data File : VY023308.D
 Acq On : 08 Sep 2025 12:08
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 09 01:46:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 09 01:40:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	562805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	840125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	752994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	381230	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	687410	138.998	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 278.000%#	
35) Dibromofluoromethane	7.640	113	754900	146.999	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 294.000%#	
50) Toluene-d8	10.109	98	2922042	150.687	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 301.380%#	
62) 4-Bromofluorobenzene	12.408	95	933965	153.047	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 306.100%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	582847	129.085	ug/l	100
3) Chloromethane	2.074	50	847037	131.100	ug/l	99
4) Vinyl Chloride	2.208	62	1092926	134.273	ug/l	100
5) Bromomethane	2.592	94	906626	136.413	ug/l	100
6) Chloroethane	2.732	64	744548	135.169	ug/l	99
7) Trichlorofluoromethane	3.056	101	1388509	135.155	ug/l	100
8) Diethyl Ether	3.458	74	386753	142.277	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	738110	133.597	ug/l	99
10) Methyl Iodide	4.013	142	946424	146.847	ug/l	99
11) Tert butyl alcohol	4.866	59	200993	703.375	ug/l	98
12) 1,1-Dichloroethene	3.793	96	748392	140.810	ug/l	99
13) Acrolein	3.653	56	337446	698.510	ug/l	100
14) Allyl chloride	4.391	41	983209	146.442	ug/l	100
15) Acrylonitrile	5.061	53	747487	698.517	ug/l	99
16) Acetone	3.873	43	735610	653.012	ug/l	98
17) Carbon Disulfide	4.110	76	2280198	135.508	ug/l	100
18) Methyl Acetate	4.391	43	372071	134.648	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	1850687	148.091	ug/l	99
20) Methylene Chloride	4.622	84	788366	130.809	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	841500	141.704	ug/l	99
22) Diisopropyl ether	6.025	45	2205632	147.510	ug/l	96
23) Vinyl Acetate	5.964	43	6220726	752.550	ug/l	100
24) 1,1-Dichloroethane	5.921	63	1377236	140.824	ug/l	99
25) 2-Butanone	6.896	43	976405	704.245	ug/l	98
26) 2,2-Dichloropropane	6.890	77	1216971	140.929	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	988693	147.022	ug/l	98
28) Bromochloromethane	7.250	49	535786	139.229	ug/l	98
29) Tetrahydrofuran	7.262	42	586966	713.752	ug/l	98
30) Chloroform	7.427	83	1460984	139.033	ug/l	99
31) Cyclohexane	7.707	56	1188631	137.346	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	1313294	139.886	ug/l	99
36) 1,1-Dichloropropene	7.841	75	1056188	144.402	ug/l	99
37) Ethyl Acetate	6.988	43	409006	140.572	ug/l	99
38) Carbon Tetrachloride	7.823	117	1196606	142.180	ug/l	100
39) Methylcyclohexane	9.109	83	1438892	153.775	ug/l	98
40) Benzene	8.085	78	3273969	144.007	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090825\
 Data File : VY023308.D
 Acq On : 08 Sep 2025 12:08
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 09 01:46:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 09 01:40:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	228520	141.362	ug/l #	79
42) 1,2-Dichloroethane	8.158	62	801777	138.517	ug/l	100
43) Isopropyl Acetate	8.201	43	838611	148.189	ug/l #	86
44) Trichloroethene	8.872	130	904223	142.793	ug/l	95
45) 1,2-Dichloropropane	9.146	63	726072	141.411	ug/l	98
46) Dibromomethane	9.231	93	441999	141.355	ug/l	98
47) Bromodichloromethane	9.426	83	1120710	142.467	ug/l	100
48) Methyl methacrylate	9.225	41	408953	155.039	ug/l	98
49) 1,4-Dioxane	9.231	88	94112	2965.012	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	2175180	751.306	ug/l	100
52) Toluene	10.170	92	2186591	151.556	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	1034272	152.713	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	1217126	150.397	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	592178	142.372	ug/l	97
56) Ethyl methacrylate	10.438	69	789898	163.917	ug/l	99
57) 1,3-Dichloropropane	10.719	76	969469	143.572	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	1879644	894.949	ug/l	99
59) 2-Hexanone	10.762	43	1507704	753.305	ug/l	100
60) Dibromochloromethane	10.914	129	821704	145.601	ug/l	100
61) 1,2-Dibromoethane	11.018	107	563187	144.496	ug/l	99
64) Tetrachloroethene	10.652	164	999061	133.122	ug/l	98
65) Chlorobenzene	11.444	112	2396604	145.283	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	845457	146.017	ug/l	99
67) Ethyl Benzene	11.517	91	4130225	153.256	ug/l	99
68) m/p-Xylenes	11.627	106	3324597	308.079	ug/l	98
69) o-Xylene	11.956	106	1584564	158.618	ug/l	99
70) Styrene	11.969	104	2631182	158.922	ug/l	99
71) Bromoform	12.133	173	502977	145.871	ug/l	100
73) Isopropylbenzene	12.255	105	3981997	155.064	ug/l	100
74) N-amyl acetate	12.072	43	786505	162.033	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	618197	143.440	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	829569	196.677	ug/l #	100
77) Bromobenzene	12.529	156	983243	149.869	ug/l	98
78) n-propylbenzene	12.597	91	4606140	152.185	ug/l	98
79) 2-Chlorotoluene	12.676	91	2649237	151.969	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	3233898	154.837	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	212367	150.012	ug/l	96
82) 4-Chlorotoluene	12.779	91	2714572	148.820	ug/l	99
83) tert-Butylbenzene	12.999	119	2969101	156.961	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	3210868	155.401	ug/l	99
85) sec-Butylbenzene	13.176	105	4196454	152.473	ug/l	99
86) p-Isopropyltoluene	13.292	119	3660054	157.431	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	1942632	149.636	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	1857662	144.467	ug/l	99
89) n-Butylbenzene	13.615	91	3232387	156.773	ug/l	99
90) Hexachloroethane	13.877	117	728785	144.594	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	1655736	146.275	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	95751	141.591	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	1075435	162.880	ug/l	99
94) Hexachlorobutadiene	15.023	225	606180	148.488	ug/l	100
95) Naphthalene	15.145	128	1874286	176.612	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	920503	160.529	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090825\
Data File : VY023308.D
Acq On : 08 Sep 2025 12:08
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Sep 09 01:46:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 09 01:40:33 2025
Response via : Initial Calibration

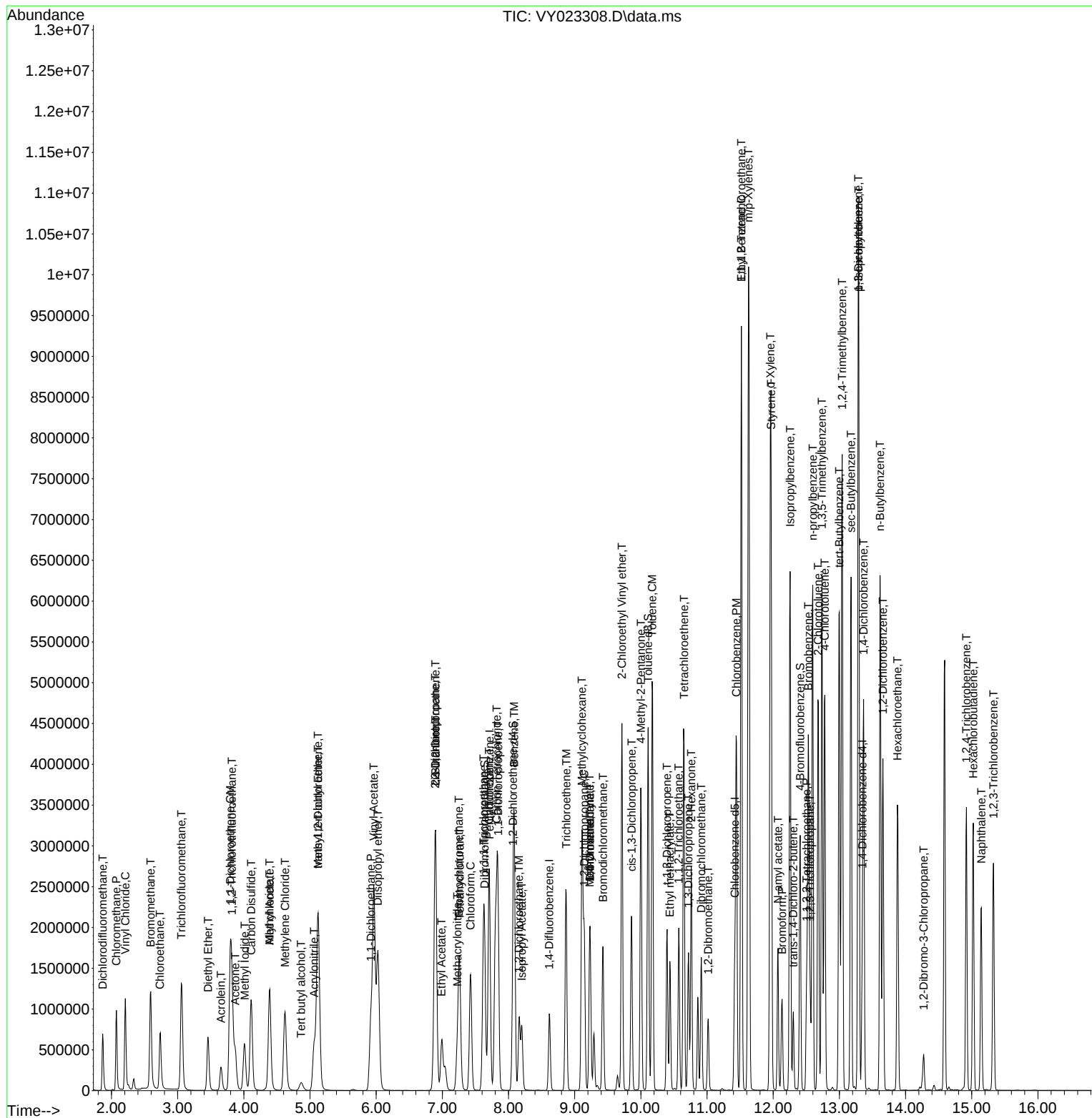
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

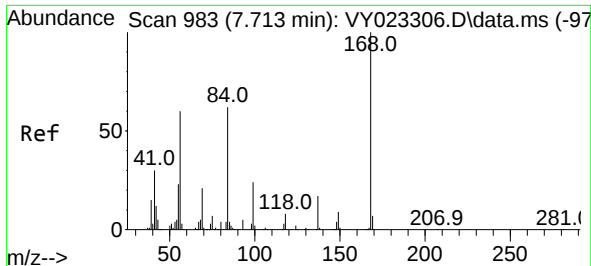
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090825\
 Data File : VY023308.D
 Acq On : 08 Sep 2025 12:08
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 09 01:46:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 09 01:40:33 2025
 Response via : Initial Calibration

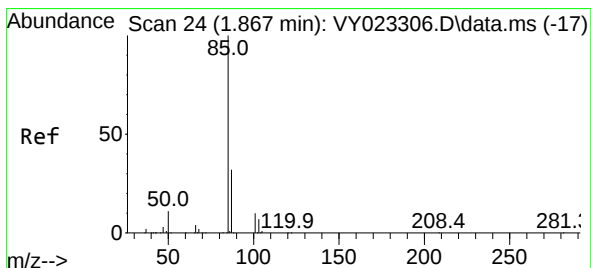
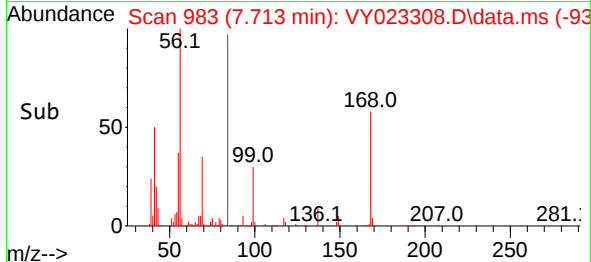
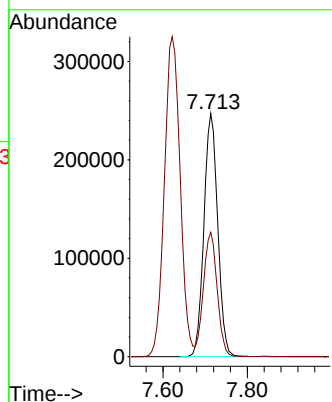
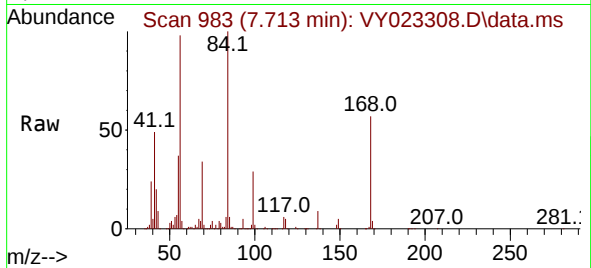




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

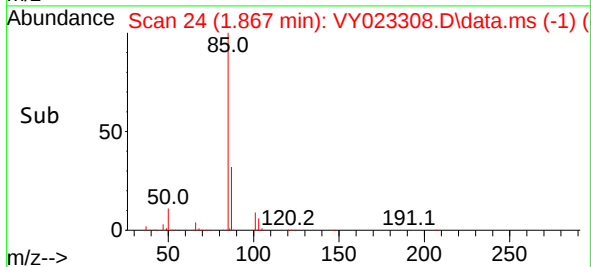
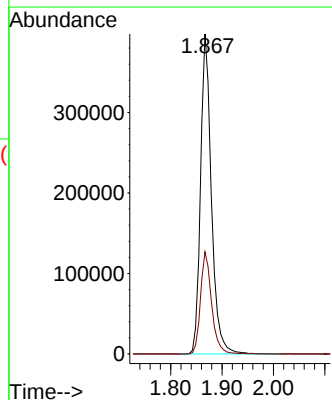
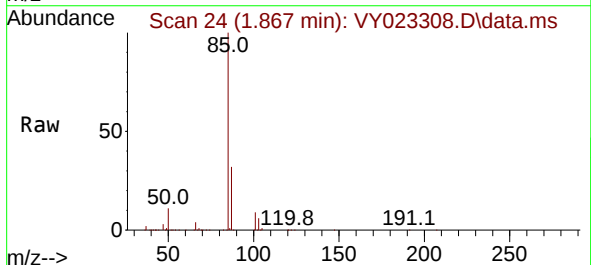
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

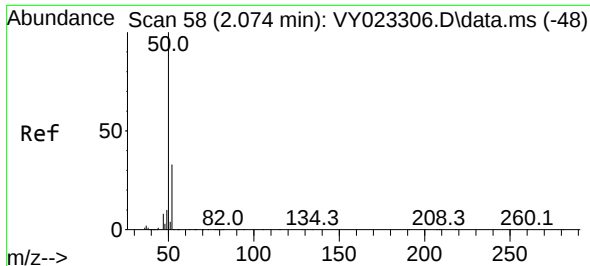
Tgt Ion:168 Resp: 562805
Ion Ratio Lower Upper
168 100
99 51.1 40.4 60.6



#2
Dichlorodifluoromethane
Concen: 129.085 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 85 Resp: 582847
Ion Ratio Lower Upper
85 100
87 31.9 15.9 47.7

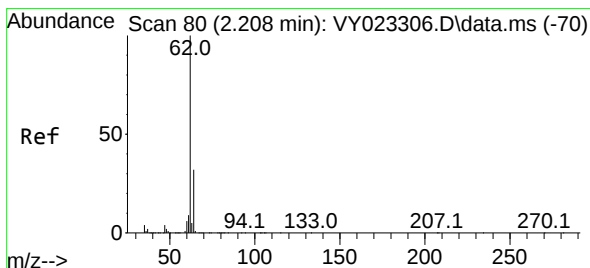
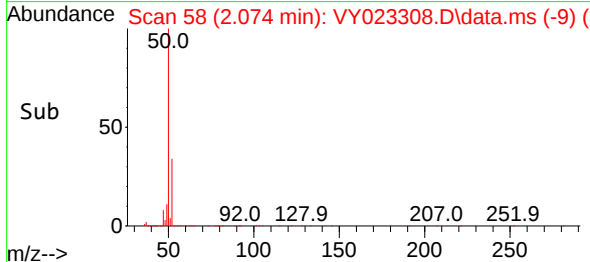
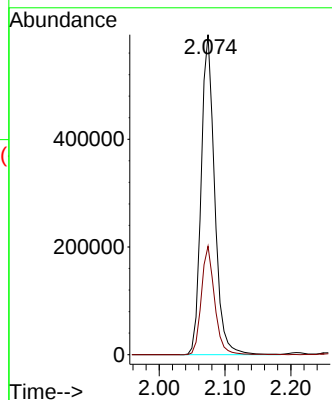
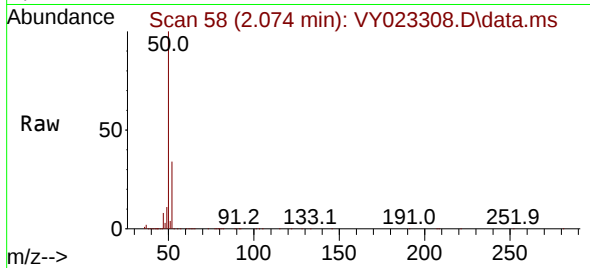




#3
Chloromethane
Concen: 131.100 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

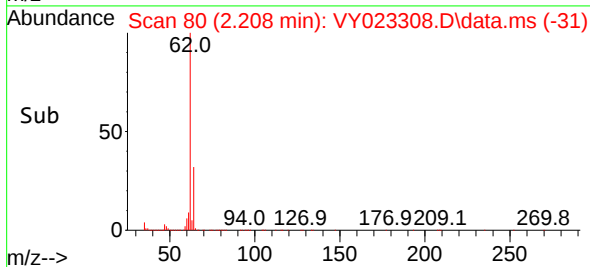
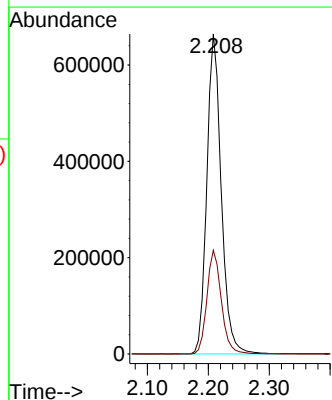
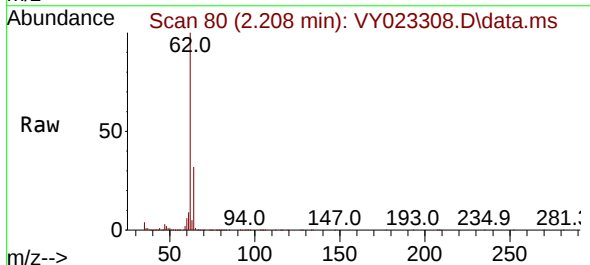
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

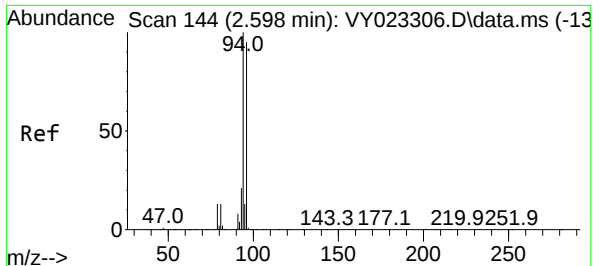
Tgt Ion: 50 Resp: 847037
Ion Ratio Lower Upper
50 100
52 33.9 26.6 39.8



#4
Vinyl Chloride
Concen: 134.273 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 62 Resp: 1092926
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.8

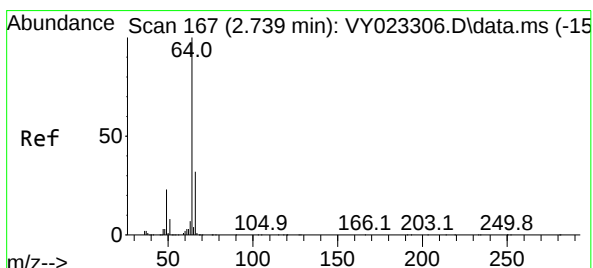
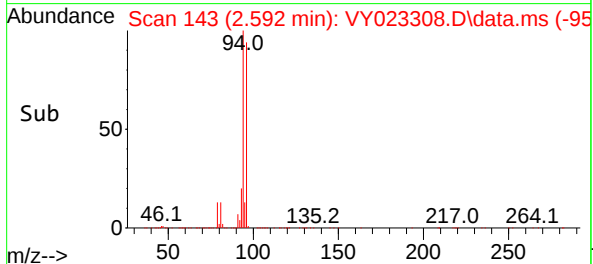
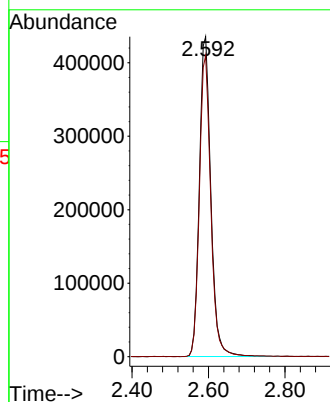
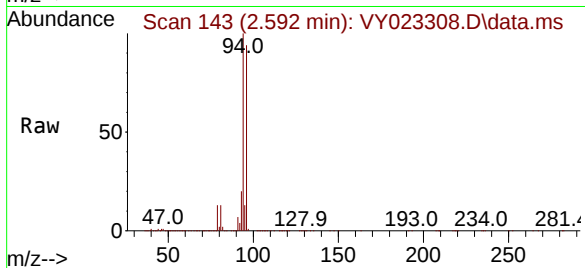




#5
Bromomethane
Concen: 136.413 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

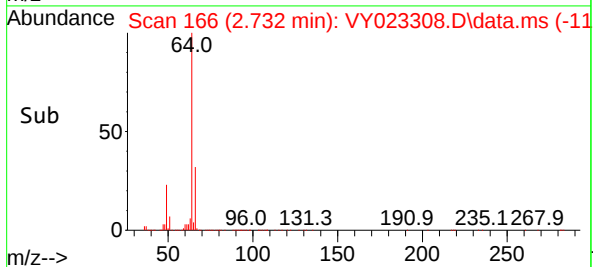
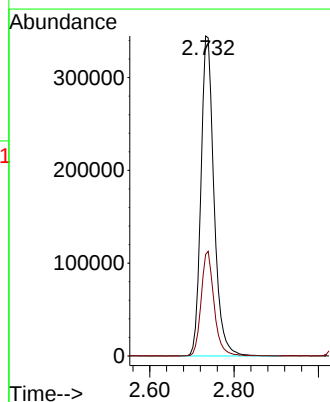
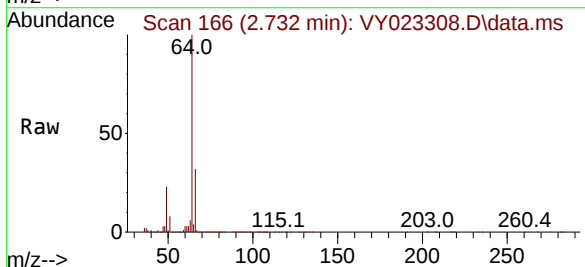
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

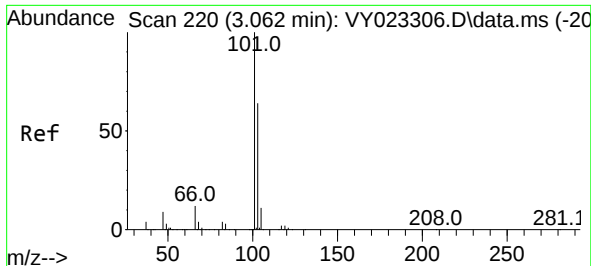
Tgt Ion: 94 Resp: 906626
Ion Ratio Lower Upper
94 100
96 94.1 75.7 113.5



#6
Chloroethane
Concen: 135.169 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 64 Resp: 744548
Ion Ratio Lower Upper
64 100
66 31.7 25.8 38.8

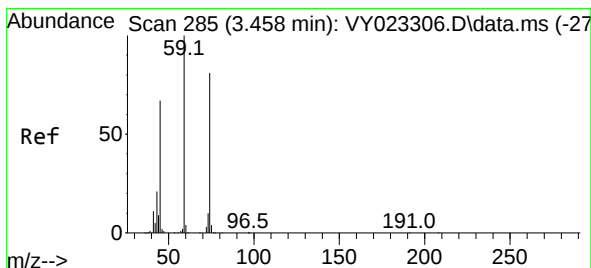
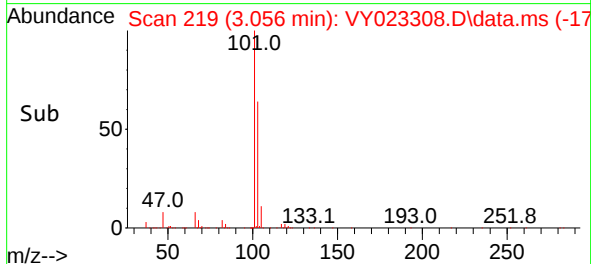
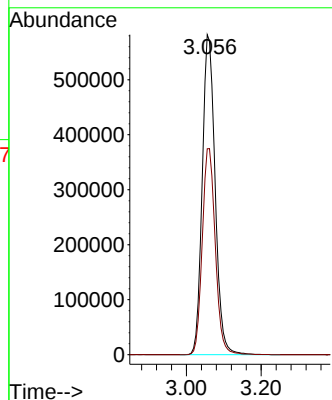
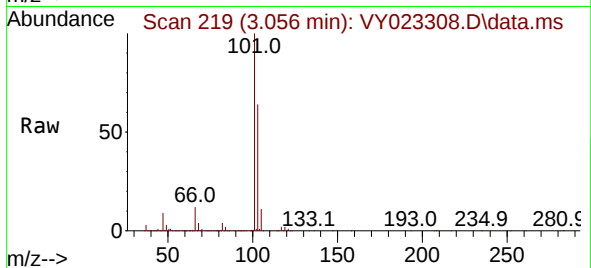




#7
Trichlorofluoromethane
Concen: 135.155 ug/l
RT: 3.056 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

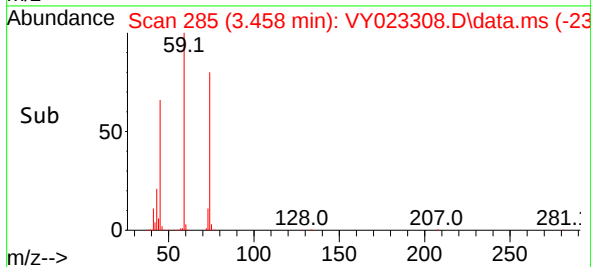
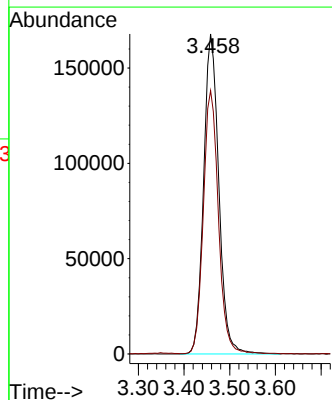
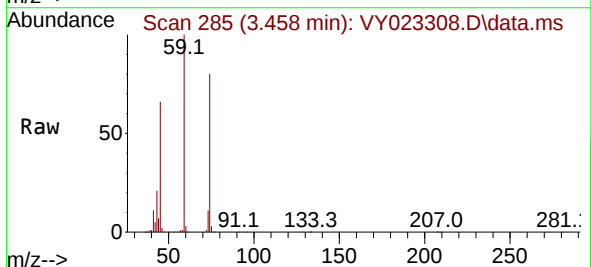
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

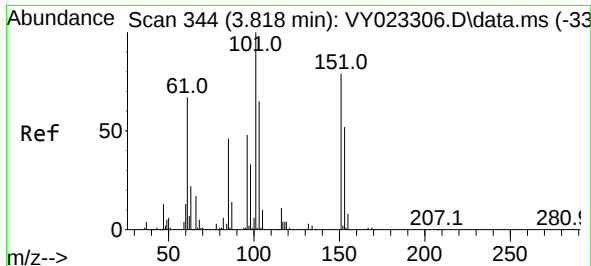
Tgt Ion:101 Resp: 1388509
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2



#8
Diethyl Ether
Concen: 142.277 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 74 Resp: 386753
Ion Ratio Lower Upper
74 100
45 81.7 41.4 124.4

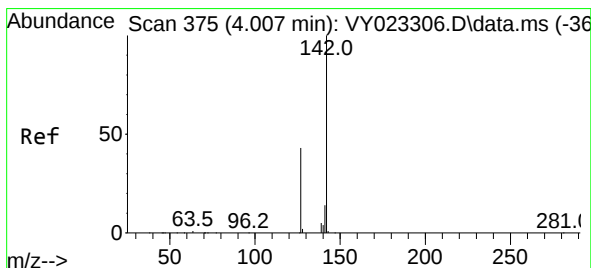
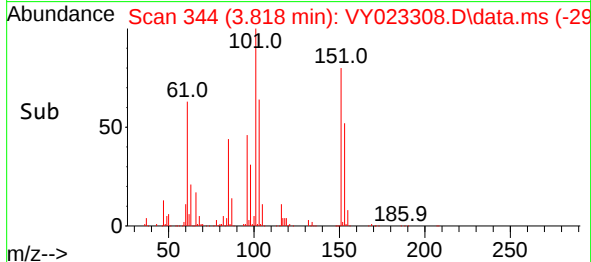
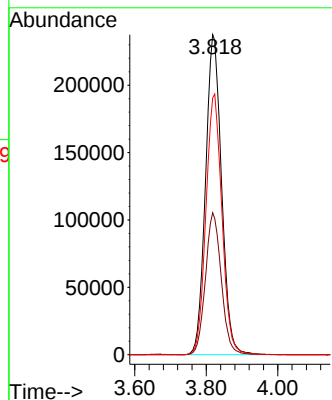
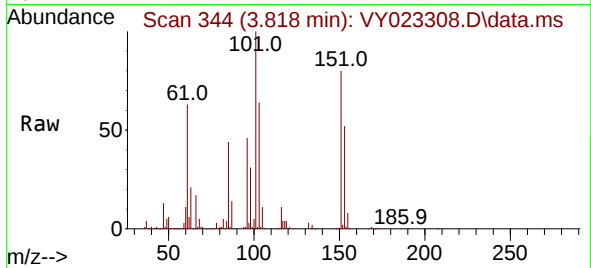




#9
1,1,2-Trichlorotrifluoroethane
Concen: 133.597 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

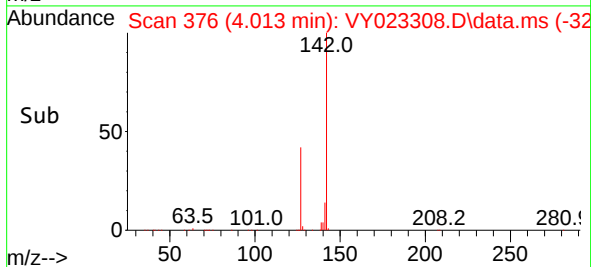
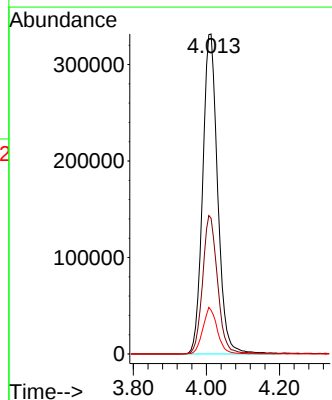
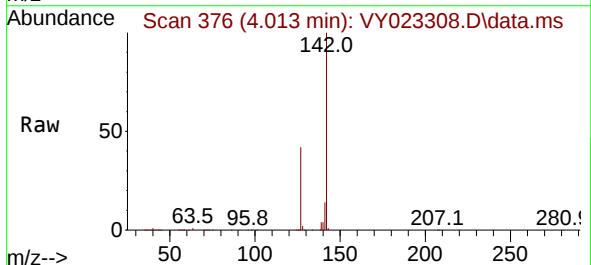
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

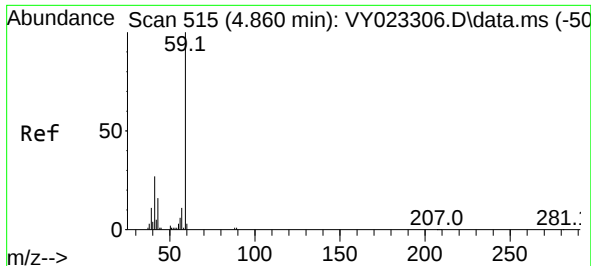
Tgt Ion:101 Resp: 738110
Ion Ratio Lower Upper
101 100
85 43.9 35.4 53.2
151 81.4 64.2 96.4



#10
Methyl Iodide
Concen: 146.847 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion:142 Resp: 946424
Ion Ratio Lower Upper
142 100
127 43.2 35.0 52.6
141 14.0 11.4 17.2

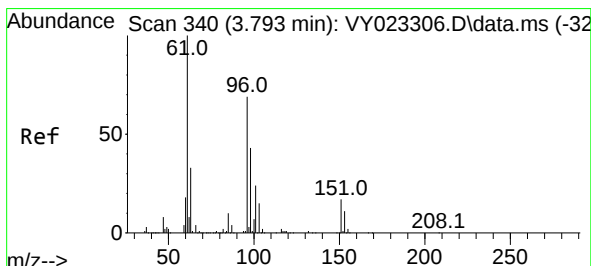
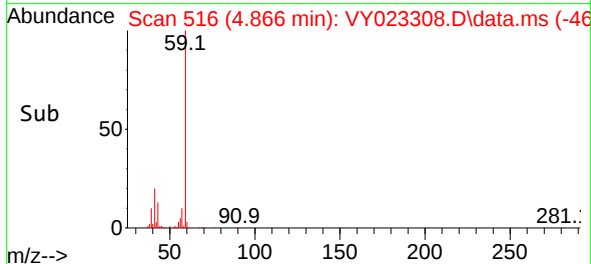
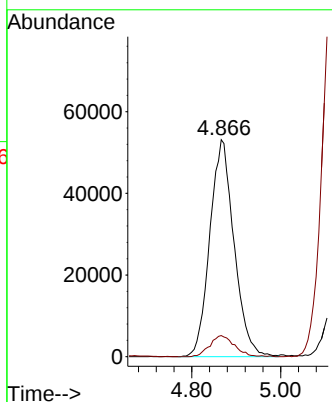
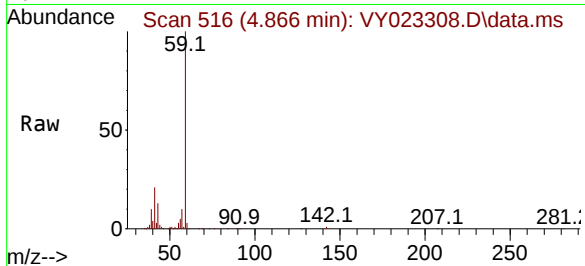




#11
Tert butyl alcohol
Concen: 703.375 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

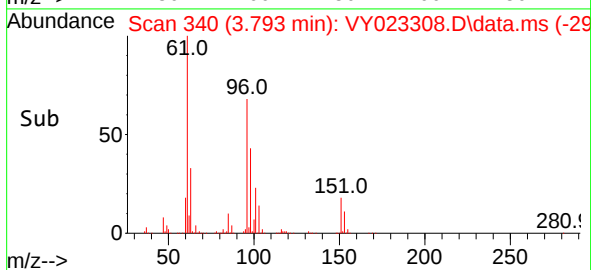
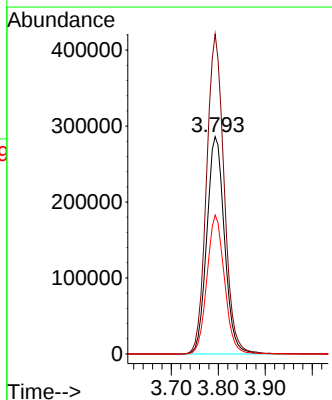
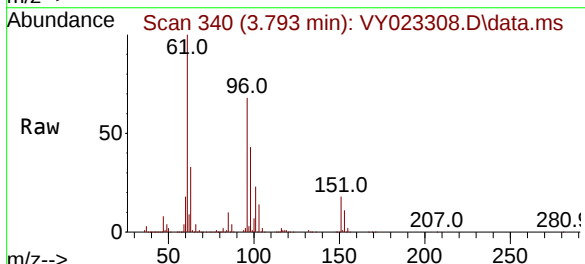
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

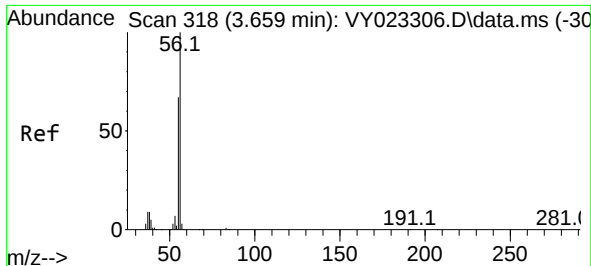
Tgt Ion: 59 Resp: 200993
Ion Ratio Lower Upper
59 100
57 9.9 8.6 13.0



#12
1,1-Dichloroethene
Concen: 140.810 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 96 Resp: 748392
Ion Ratio Lower Upper
96 100
61 147.2 116.6 174.8
98 63.9 50.5 75.7

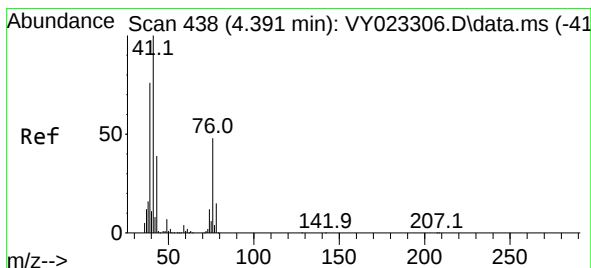
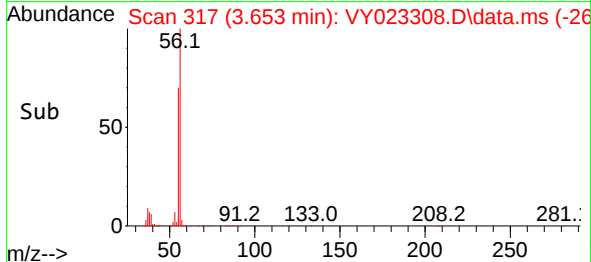
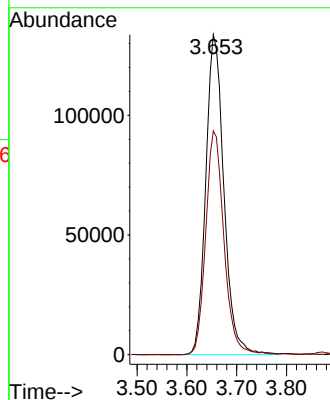
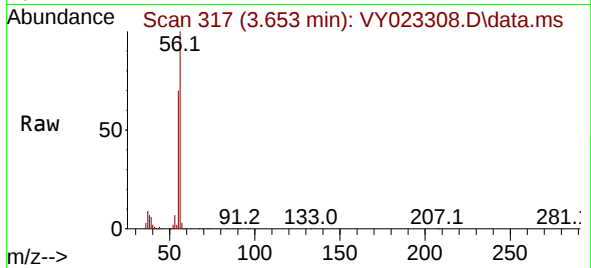




#13
Acrolein
Concen: 698.510 ug/l
RT: 3.653 min Scan# 318
Delta R.T. -0.006 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

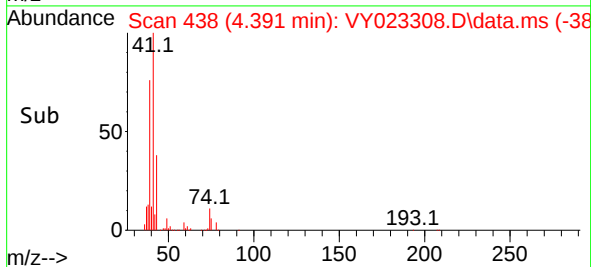
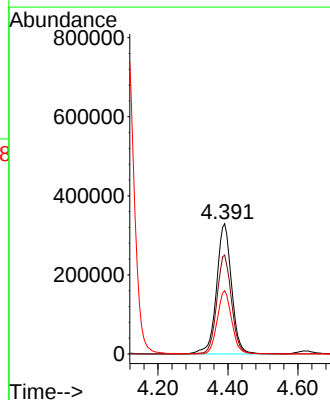
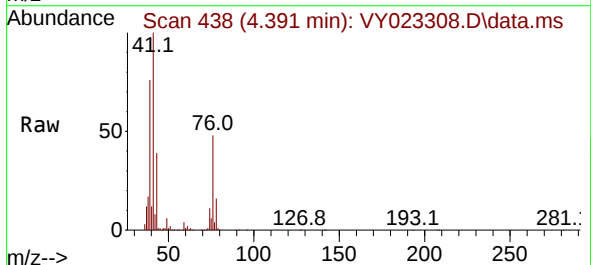
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

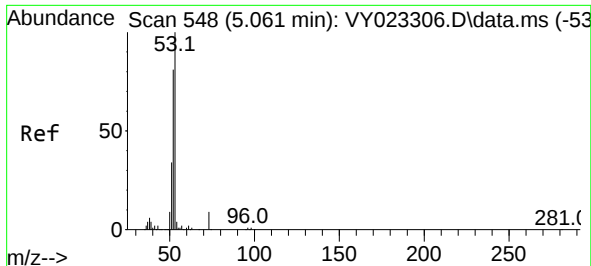
Tgt Ion: 56 Resp: 337446
Ion Ratio Lower Upper
56 100
55 70.5 56.1 84.1



#14
Allyl chloride
Concen: 146.442 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 41 Resp: 983209
Ion Ratio Lower Upper
41 100
39 74.3 59.8 89.6
76 46.1 36.6 55.0

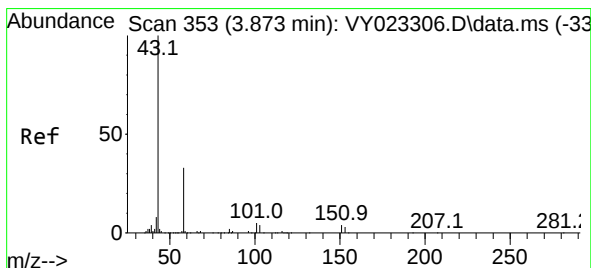
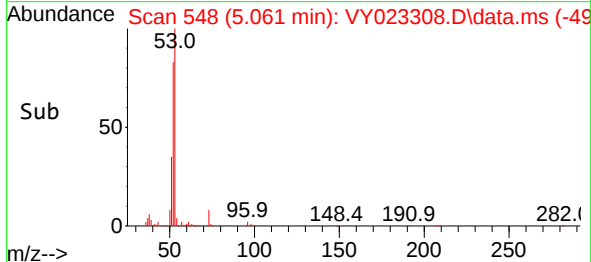
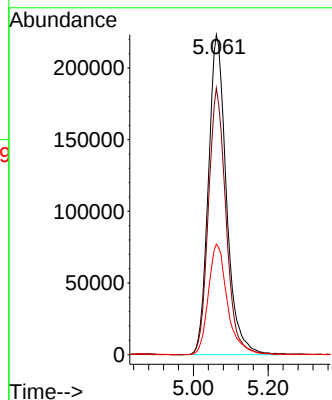
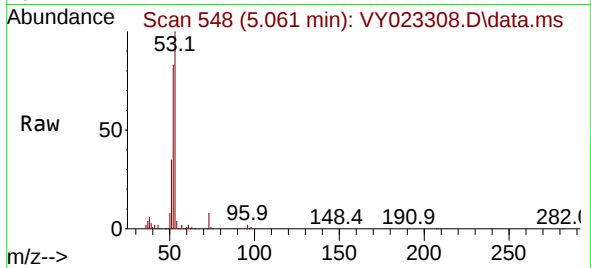




#15
Acrylonitrile
Concen: 698.517 ug/l
RT: 5.061 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

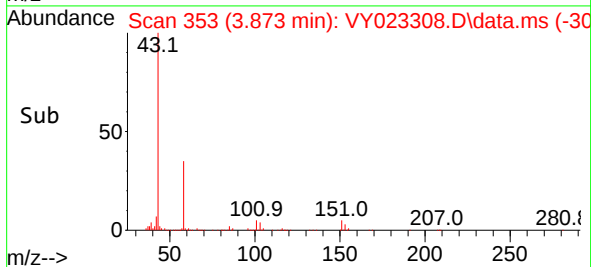
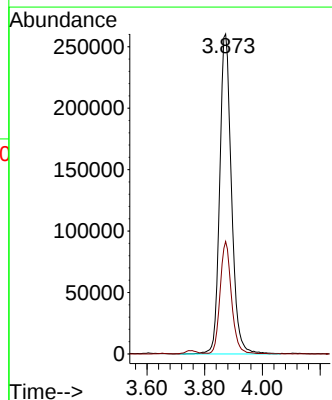
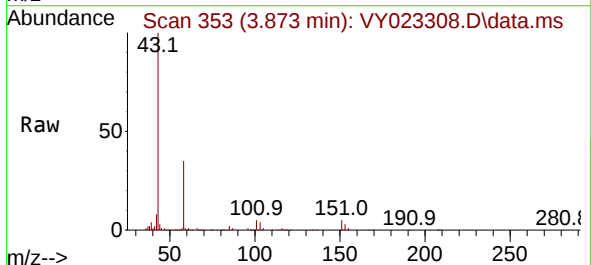
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

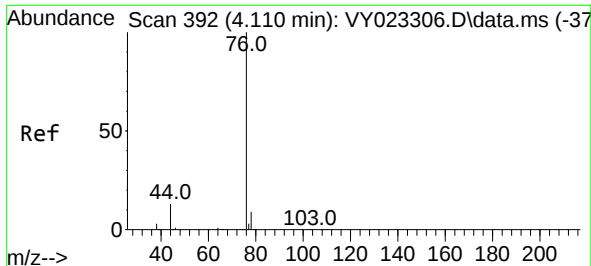
Tgt Ion: 53 Resp: 747487
Ion Ratio Lower Upper
53 100
52 81.2 64.2 96.4
51 36.6 29.0 43.6



#16
Acetone
Concen: 653.012 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 43 Resp: 735610
Ion Ratio Lower Upper
43 100
58 35.1 27.2 40.8

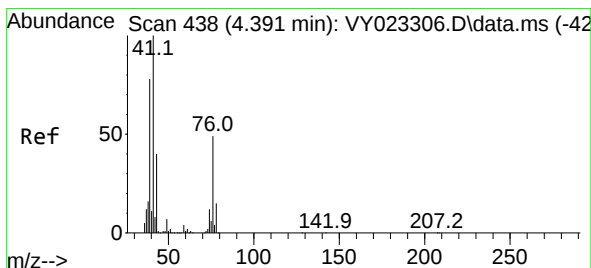
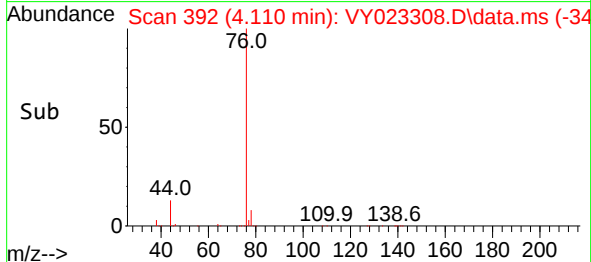
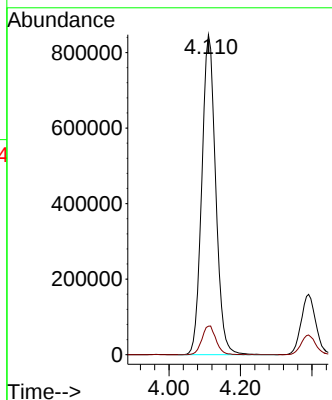
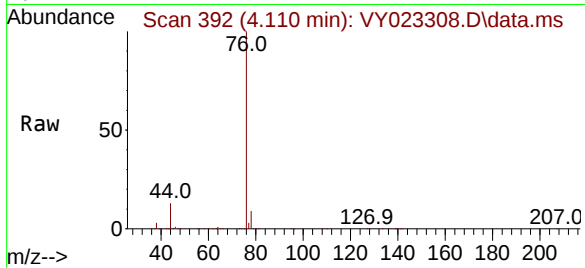




#17
Carbon Disulfide
Concen: 135.508 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

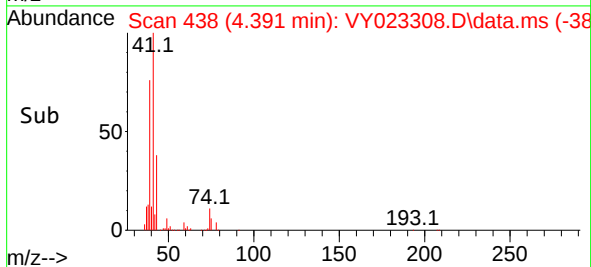
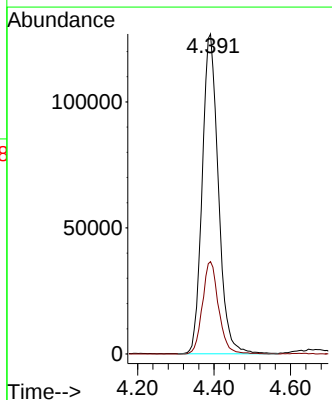
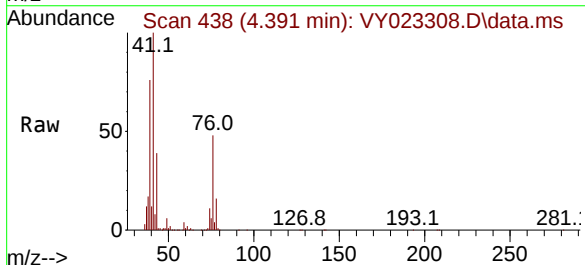
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

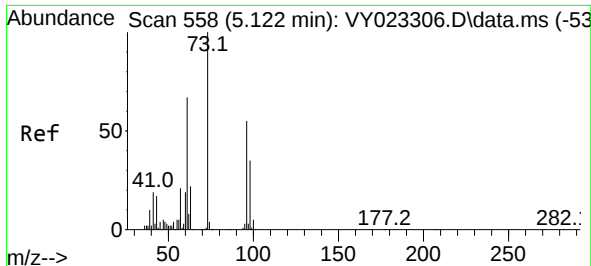
Tgt Ion: 76 Resp: 2280198
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 134.648 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 43 Resp: 372071
Ion Ratio Lower Upper
43 100
74 28.9 22.2 33.2

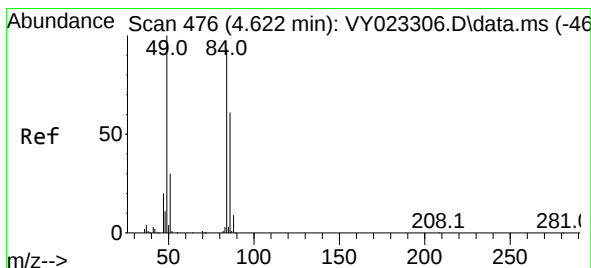
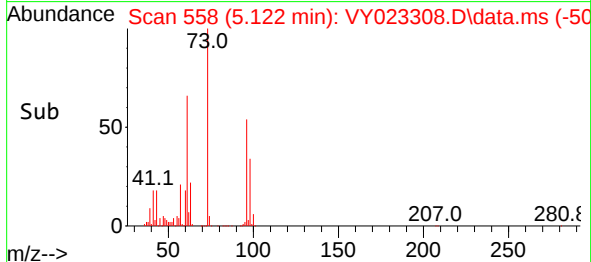
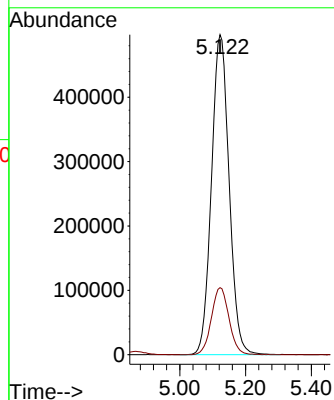
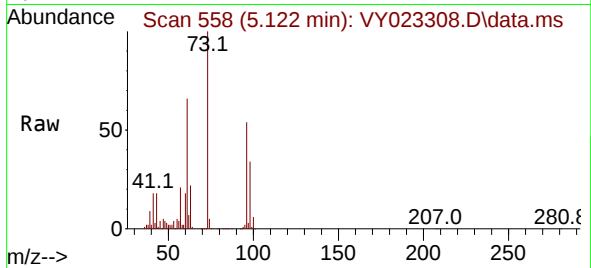




#19
Methyl tert-butyl Ether
Concen: 148.091 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

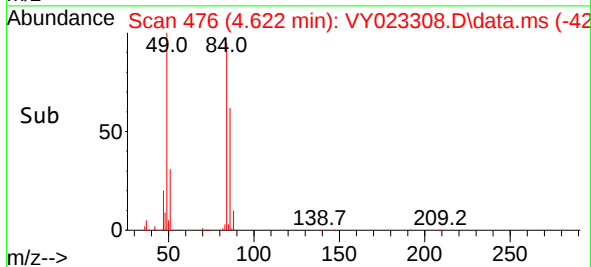
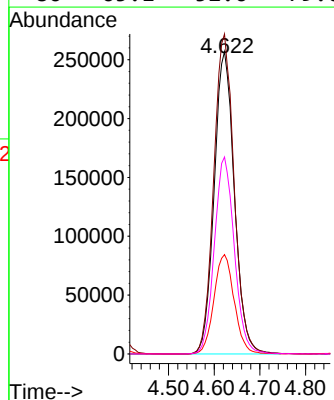
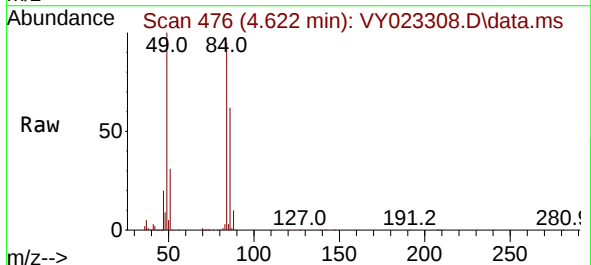
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

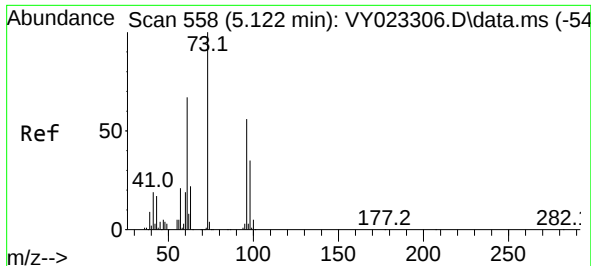
Tgt Ion: 73 Resp: 1850687
Ion Ratio Lower Upper
73 100
57 20.9 16.6 24.8



#20
Methylene Chloride
Concen: 130.809 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 84 Resp: 788366
Ion Ratio Lower Upper
84 100
49 105.8 86.4 129.6
51 32.8 25.9 38.9
86 65.1 52.6 79.0

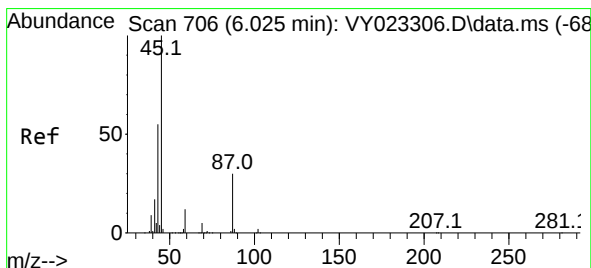
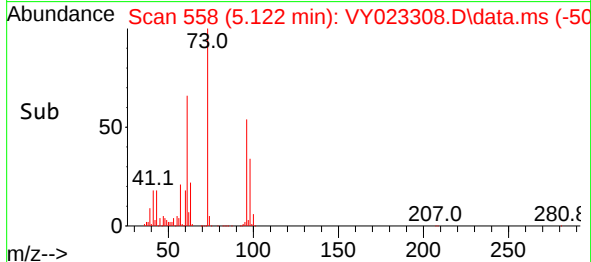
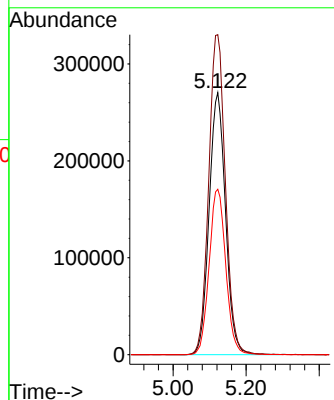
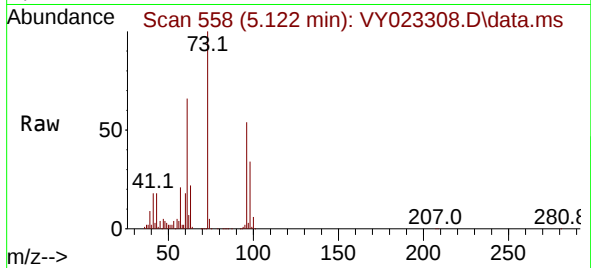




#21
trans-1,2-Dichloroethene
Concen: 141.704 ug/l
RT: 5.122 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

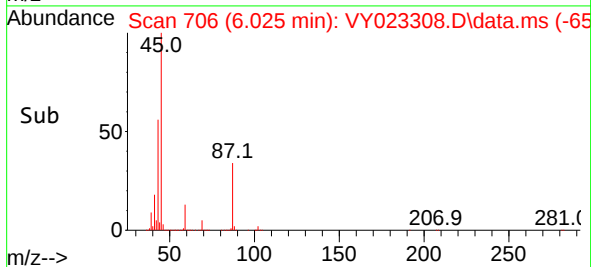
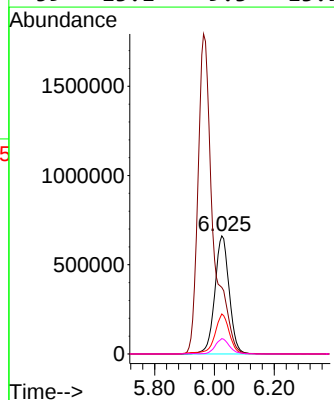
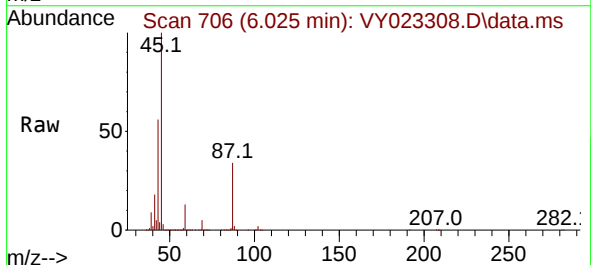
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

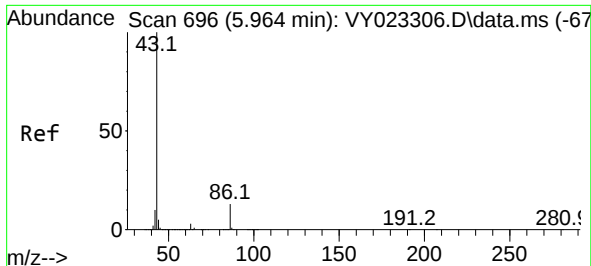
Tgt Ion: 96 Resp: 841500
Ion Ratio Lower Upper
96 100
61 122.1 96.6 144.8
98 63.1 50.6 76.0



#22
Diisopropyl ether
Concen: 147.510 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 45 Resp: 2205632
Ion Ratio Lower Upper
45 100
43 56.4 43.8 65.6
87 33.9 24.1 36.1
59 13.1 9.3 13.9

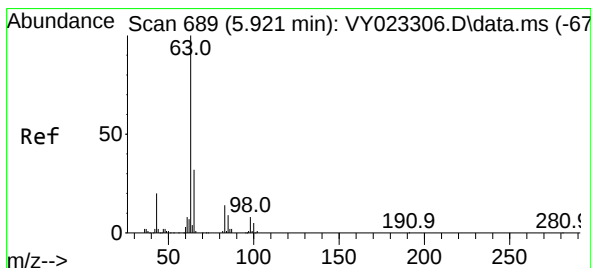
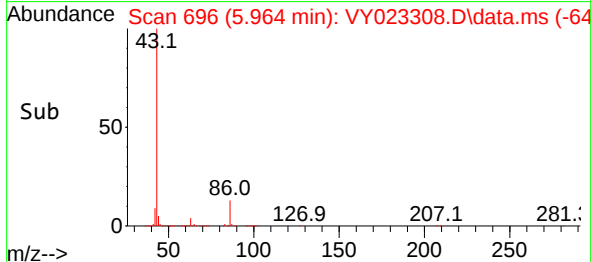
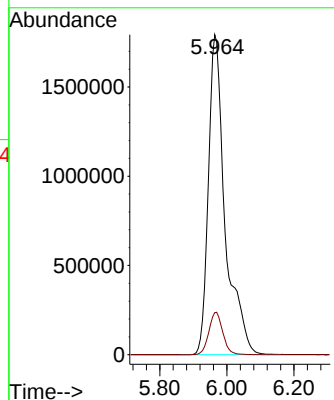
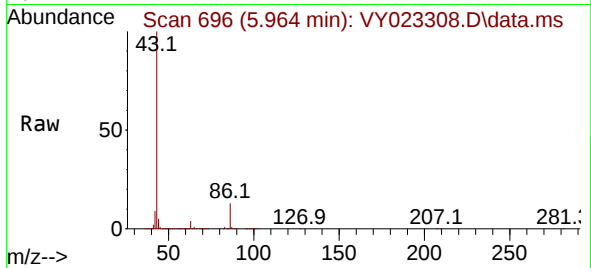




#23
 Vinyl Acetate
 Concen: 752.550 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY023308.D
 Acq: 08 Sep 2025 12:08

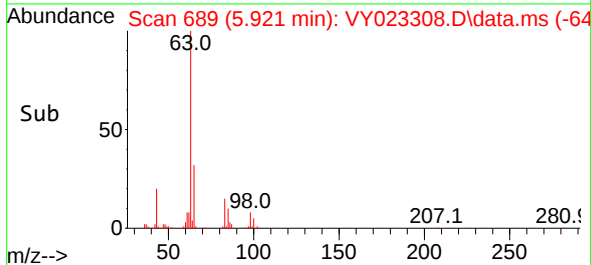
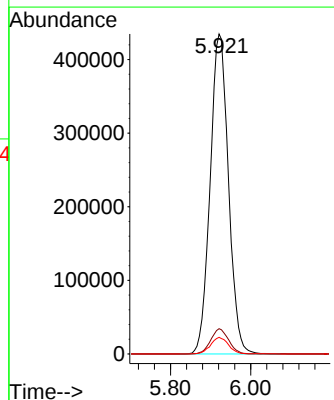
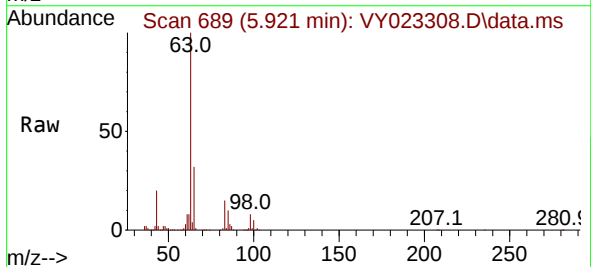
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

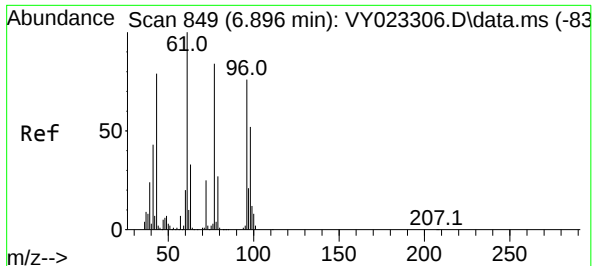
Tgt Ion: 43 Resp: 6220726
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.4 15.6



#24
 1,1-Dichloroethane
 Concen: 140.824 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY023308.D
 Acq: 08 Sep 2025 12:08

Tgt Ion: 63 Resp: 1377236
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.5
 100 5.2 2.3 6.9

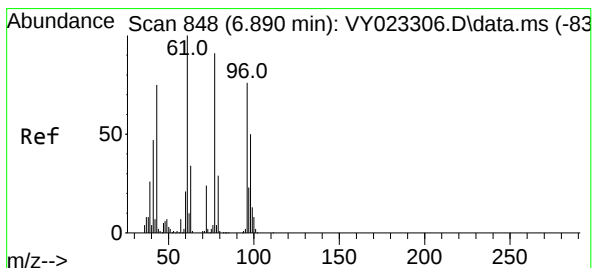
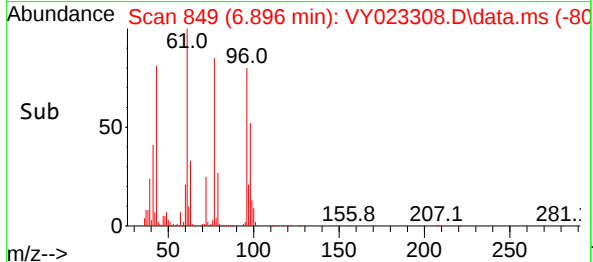
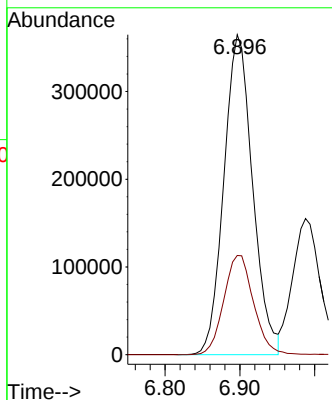
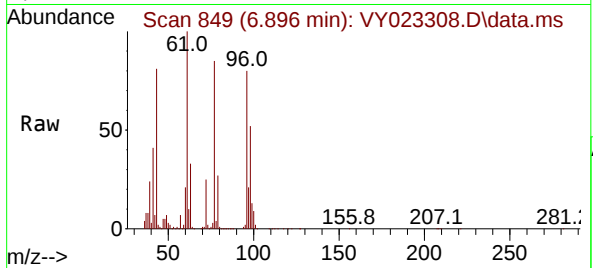




#25
2-Butanone
Concen: 704.245 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

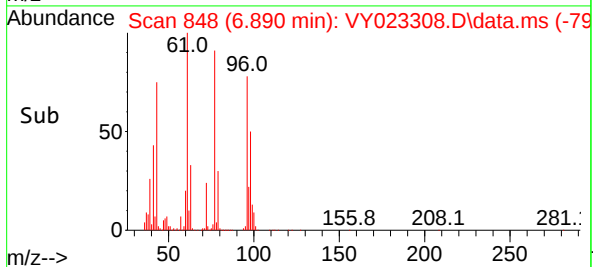
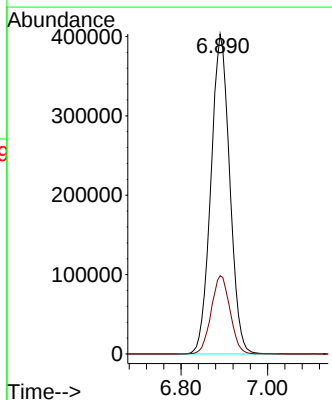
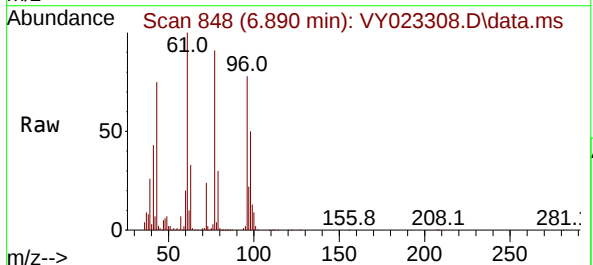
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

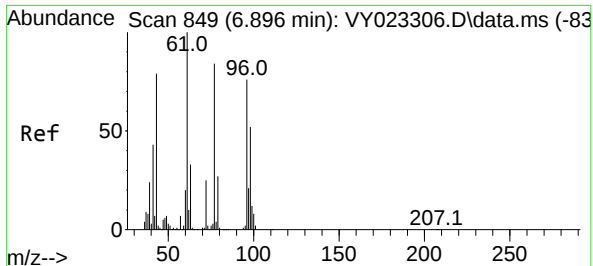
Tgt Ion: 43 Resp: 976405
Ion Ratio Lower Upper
43 100
72 31.0 25.7 38.5



#26
2,2-Dichloropropane
Concen: 140.929 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 77 Resp: 1216971
Ion Ratio Lower Upper
77 100
97 24.5 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 147.022 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY023308.D

Acq: 08 Sep 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

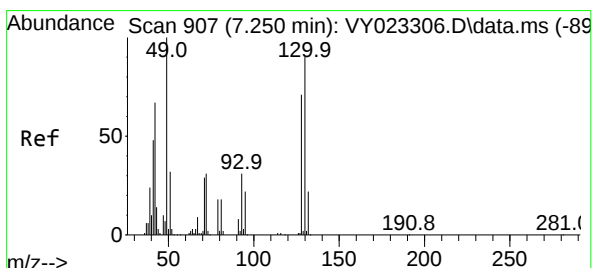
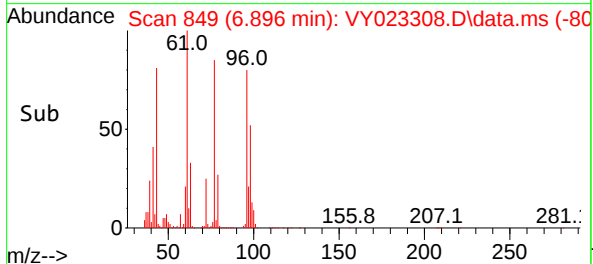
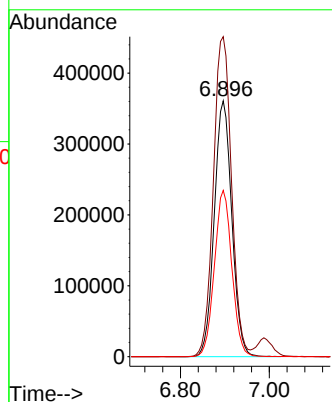
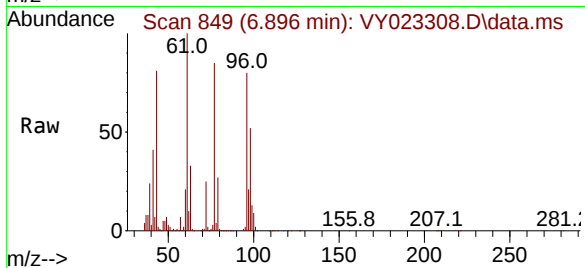
Tgt Ion: 96 Resp: 988693

Ion Ratio Lower Upper

96 100

61 129.4 0.0 264.0

98 64.7 0.0 130.6



#28

Bromochloromethane

Concen: 139.229 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY023308.D

Acq: 08 Sep 2025 12:08

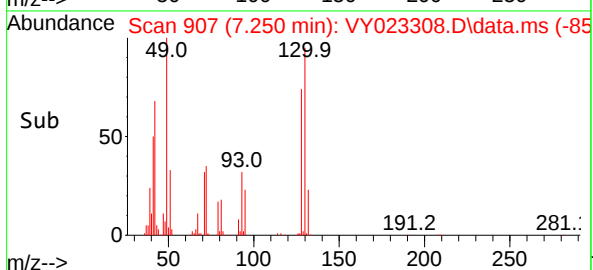
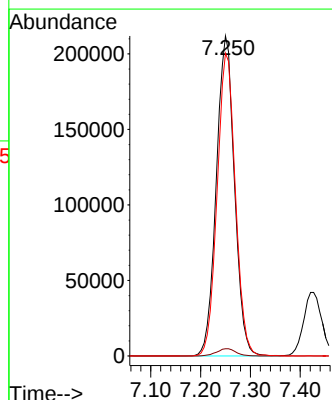
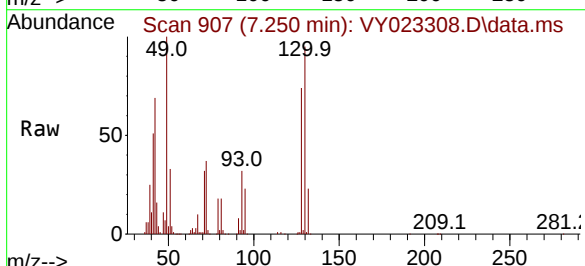
Tgt Ion: 49 Resp: 535786

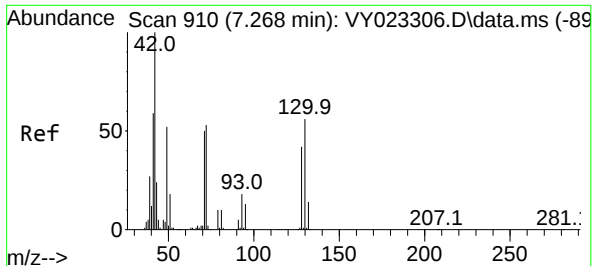
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.0

130 94.8 74.3 111.5





#29

Tetrahydrofuran

Concen: 713.752 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY023308.D

Acq: 08 Sep 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

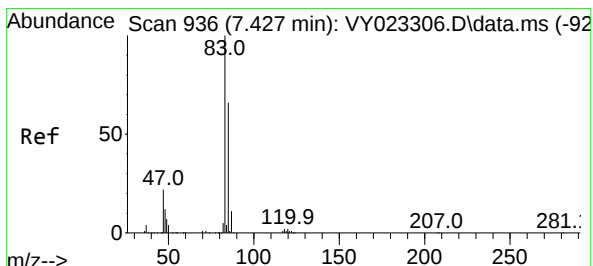
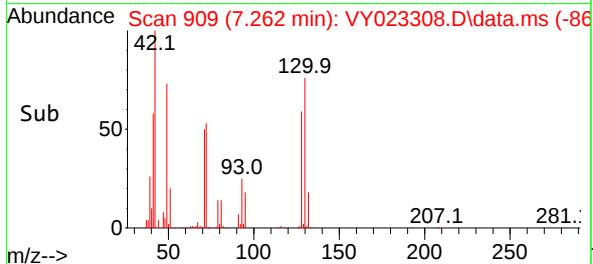
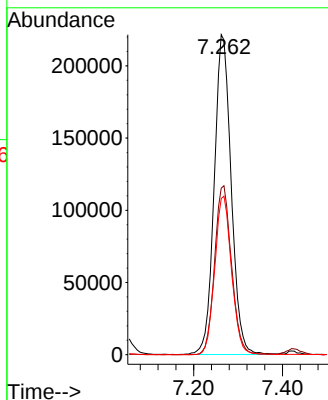
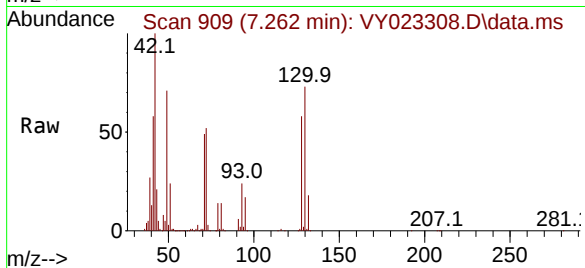
Tgt Ion: 42 Resp: 586966

Ion Ratio Lower Upper

42 100

72 52.6 40.4 60.6

71 49.1 38.5 57.7



#30

Chloroform

Concen: 139.033 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY023308.D

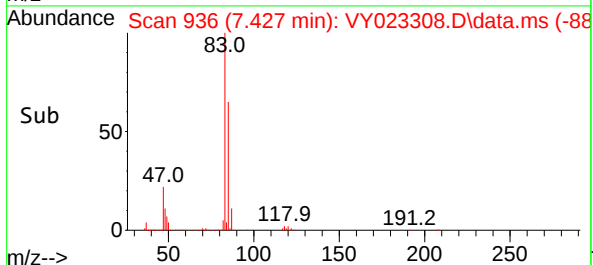
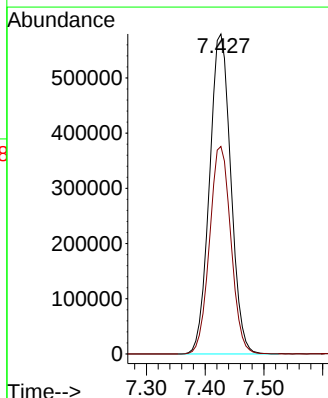
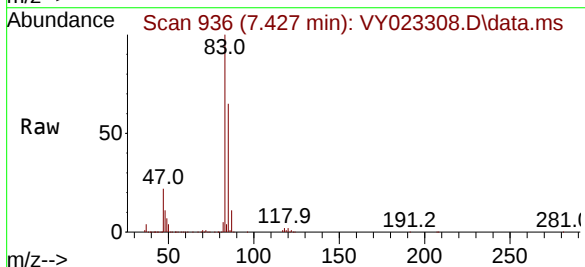
Acq: 08 Sep 2025 12:08

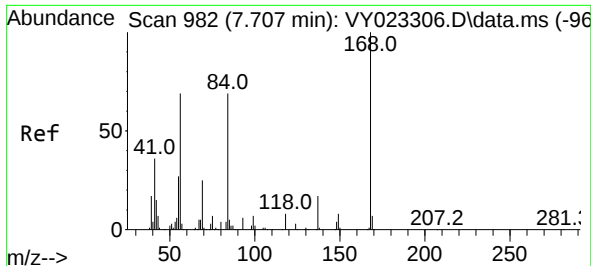
Tgt Ion: 83 Resp: 1460984

Ion Ratio Lower Upper

83 100

85 64.8 52.4 78.6

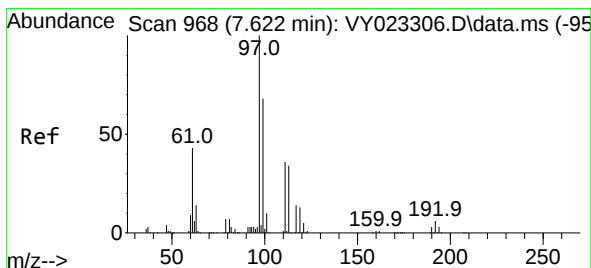
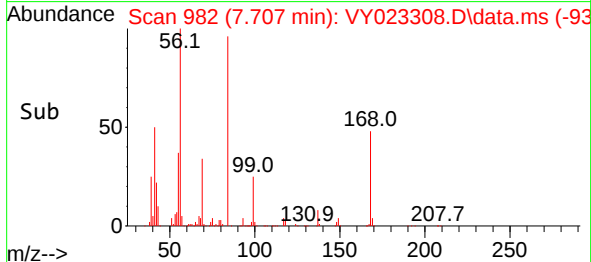
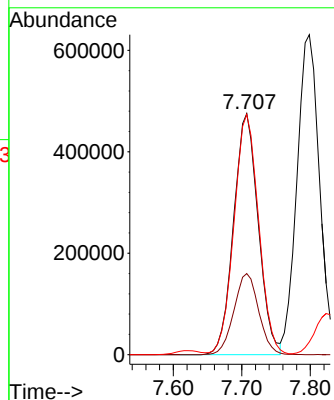
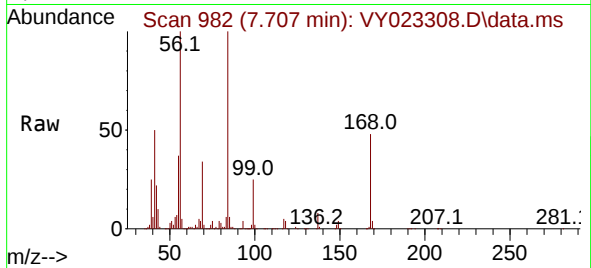




#31
Cyclohexane
Concen: 137.346 ug/l
RT: 7.707 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

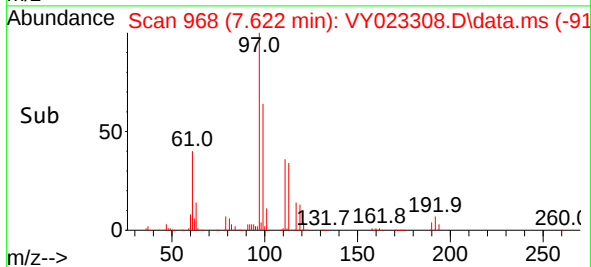
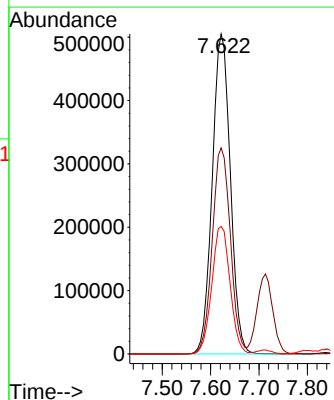
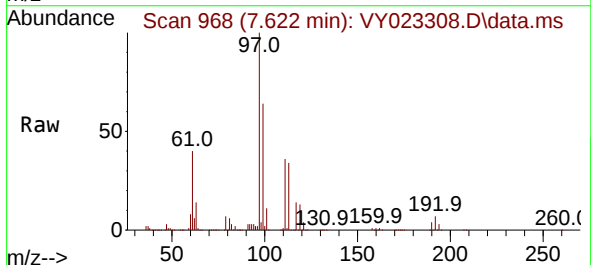
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

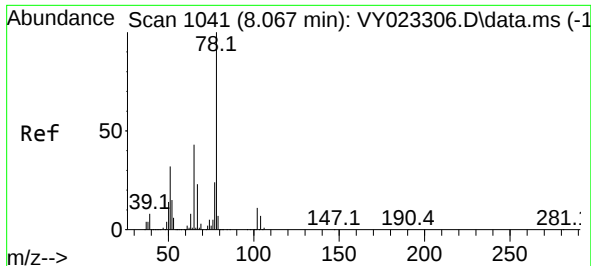
Tgt Ion: 56 Resp: 1188631
Ion Ratio Lower Upper
56 100
69 33.6 29.1 43.7
84 98.2 80.7 121.1



#32
1,1,1-Trichloroethane
Concen: 139.886 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 97 Resp: 1313294
Ion Ratio Lower Upper
97 100
99 64.7 52.2 78.4
61 40.3 33.2 49.8





#33

1,2-Dichloroethane-d4

Concen: 138.998 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY023308.D

Acq: 08 Sep 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

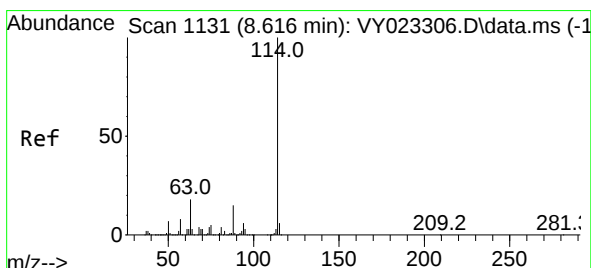
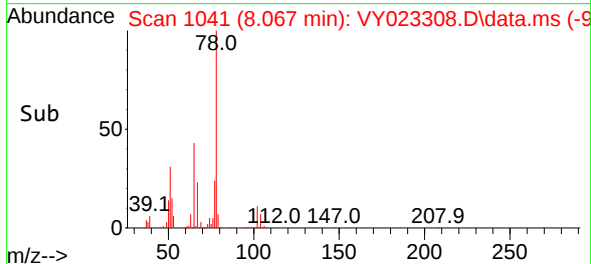
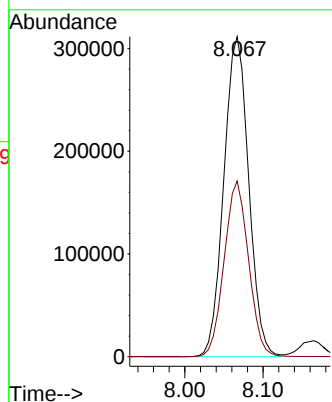
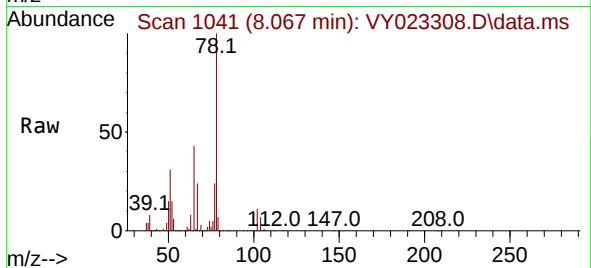
VSTDIC150

Tgt Ion: 65 Resp: 687410

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023308.D

Acq: 08 Sep 2025 12:08

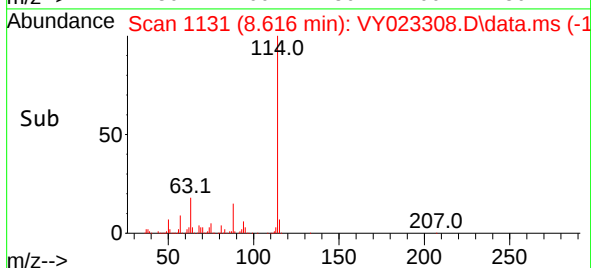
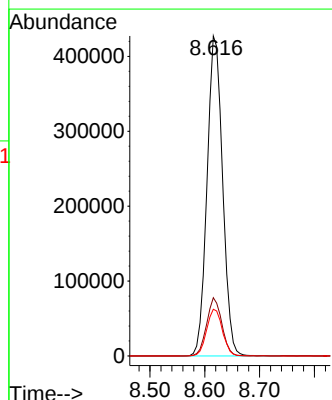
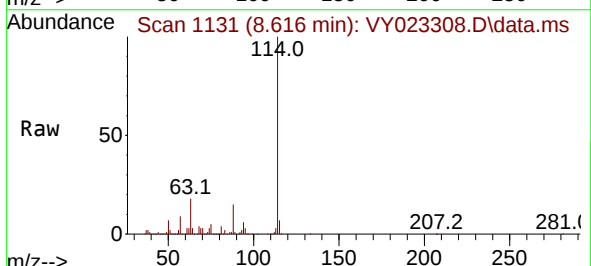
Tgt Ion: 114 Resp: 840125

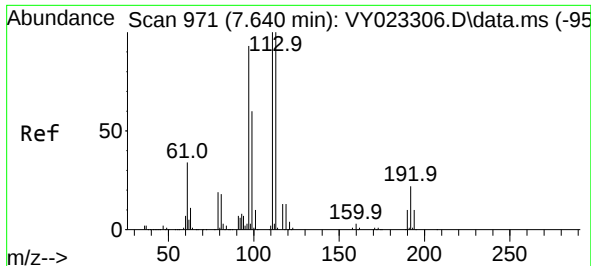
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.8

88 14.6 0.0 29.8

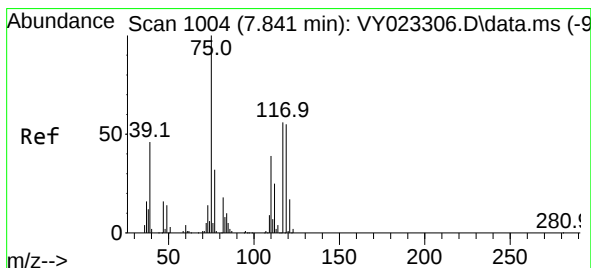
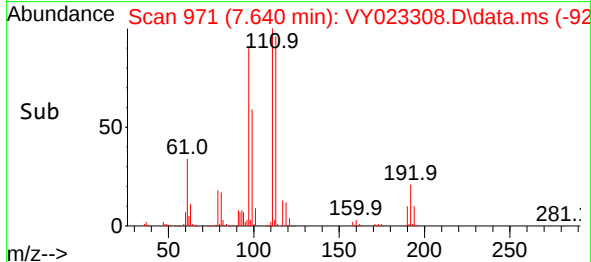
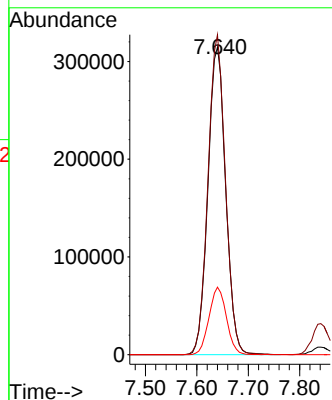
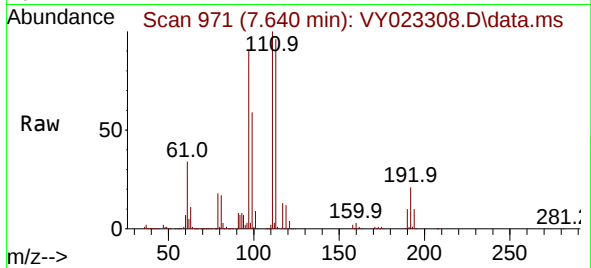




#35
Dibromofluoromethane
Concen: 146.999 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

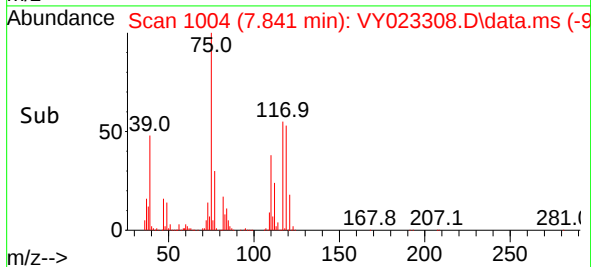
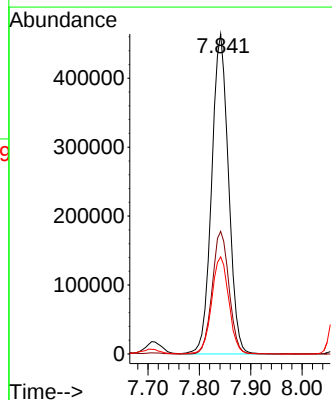
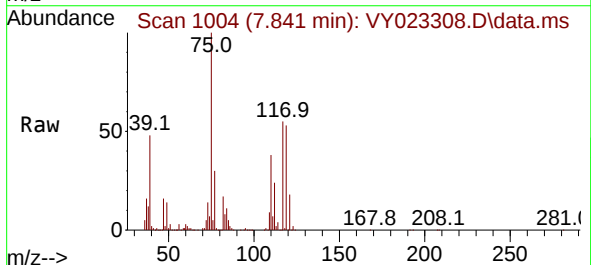
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

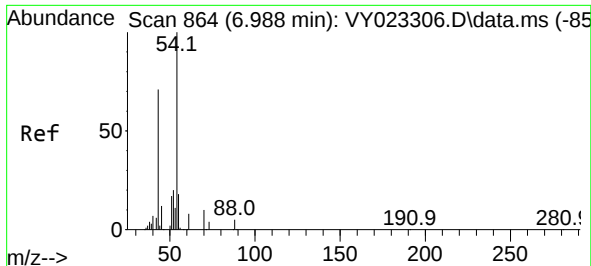
Tgt Ion:113 Resp: 754900
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 21.5 17.2 25.8



#36
1,1-Dichloropropene
Concen: 144.402 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 75 Resp: 1056188
Ion Ratio Lower Upper
75 100
110 38.3 19.3 57.9
77 31.1 25.2 37.8

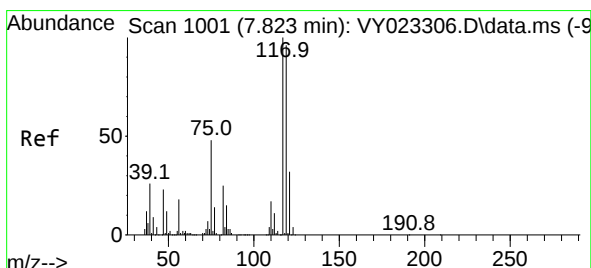
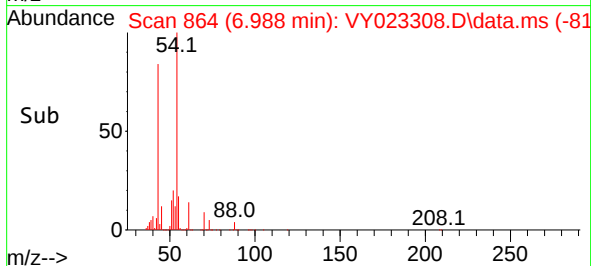
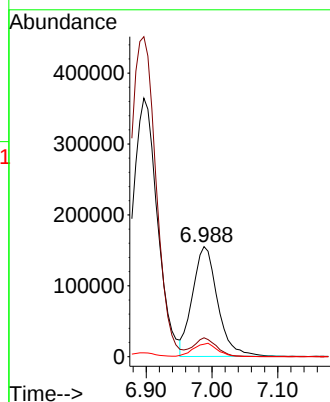
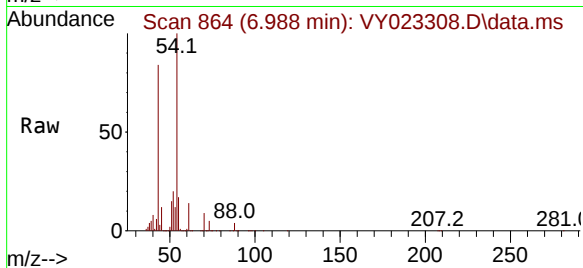




#37
Ethyl Acetate
Concen: 140.572 ug/l
RT: 6.988 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

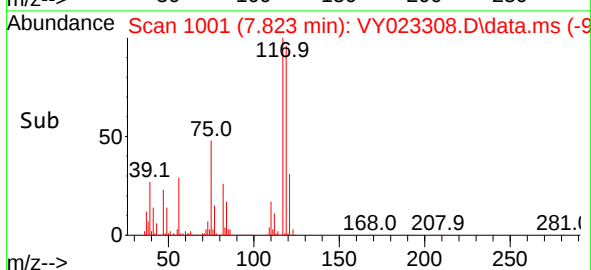
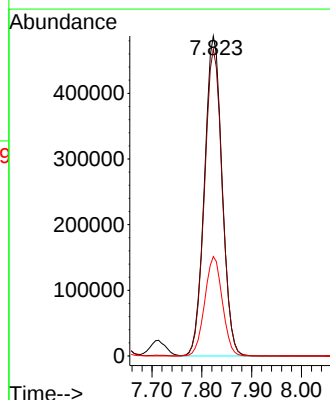
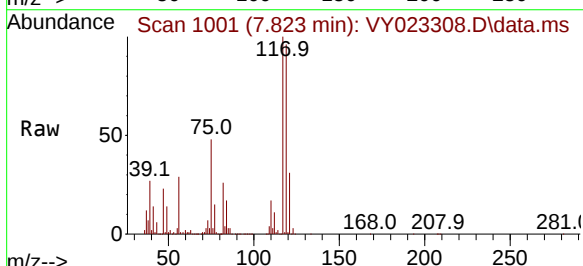
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

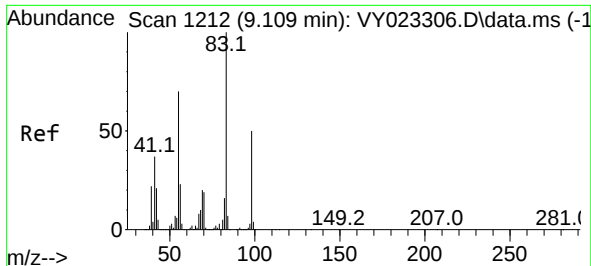
Tgt Ion: 43 Resp: 409006
Ion Ratio Lower Upper
43 100
61 16.1 12.9 19.3
70 11.9 9.1 13.7



#38
Carbon Tetrachloride
Concen: 142.180 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 117 Resp: 1196606
Ion Ratio Lower Upper
117 100
119 95.9 76.5 114.7
121 31.1 25.2 37.8





#39

Methylcyclohexane

Concen: 153.775 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023308.D

Acq: 08 Sep 2025 12:08

Instrument :

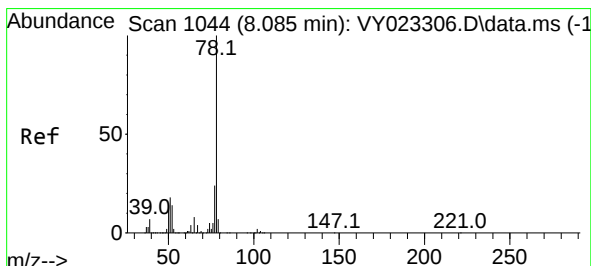
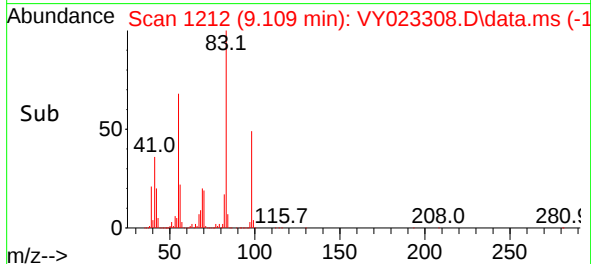
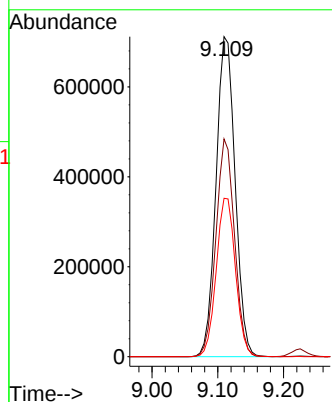
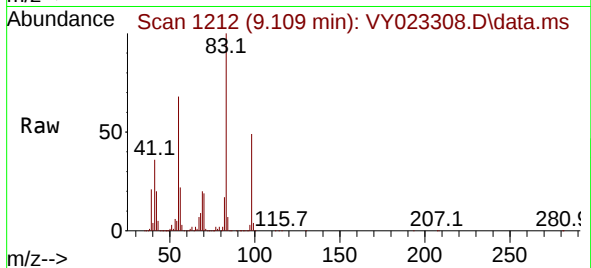
MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 1438892

Ion	Ratio	Lower	Upper
83	100		
55	68.1	56.1	84.1
98	49.5	39.8	59.8



#40

Benzene

Concen: 144.007 ug/l

RT: 8.085 min Scan# 1044

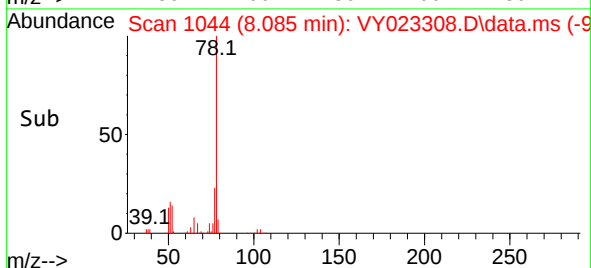
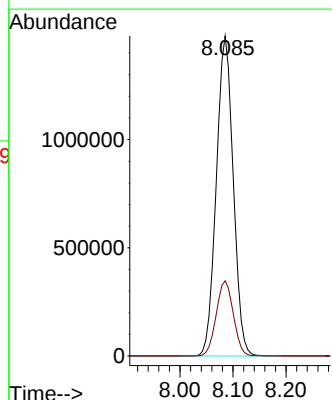
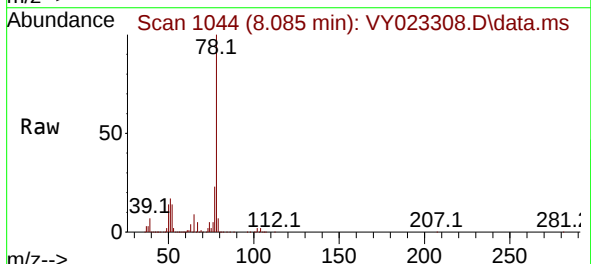
Delta R.T. -0.000 min

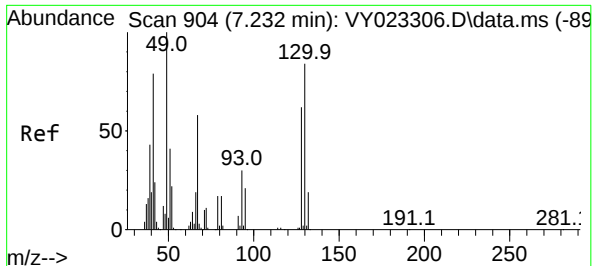
Lab File: VY023308.D

Acq: 08 Sep 2025 12:08

Tgt Ion: 78 Resp: 3273969

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.6

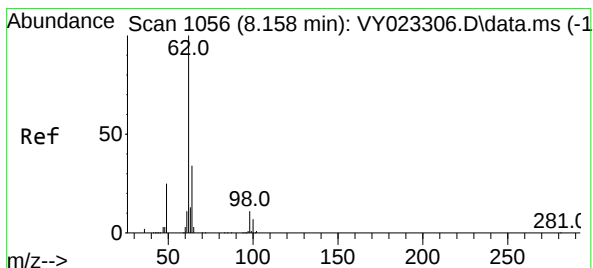
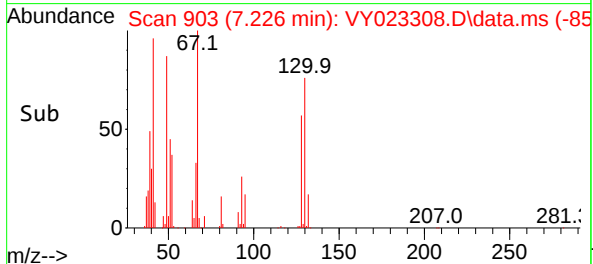
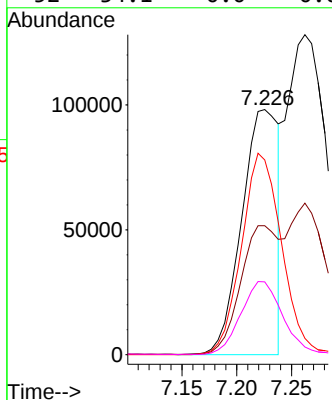
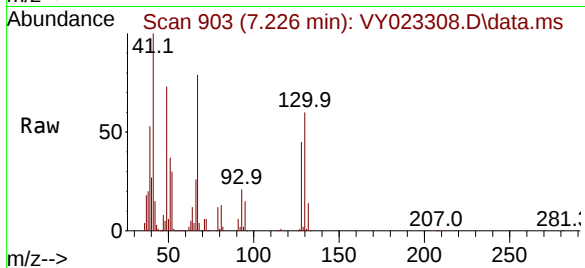




#41
Methacrylonitrile
Concen: 141.362 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

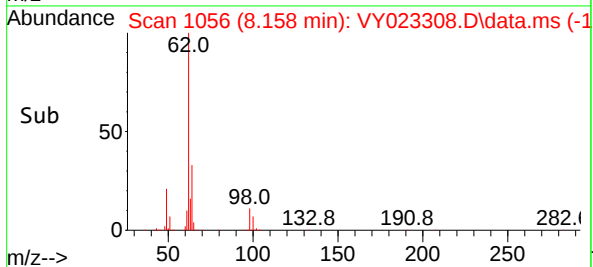
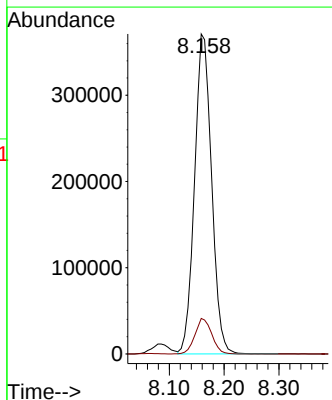
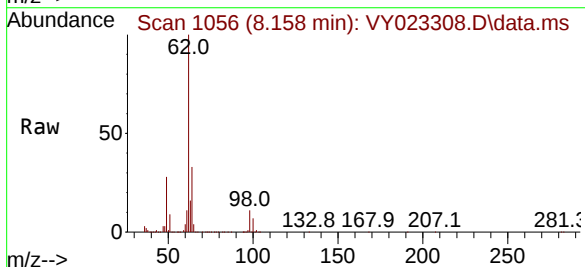
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

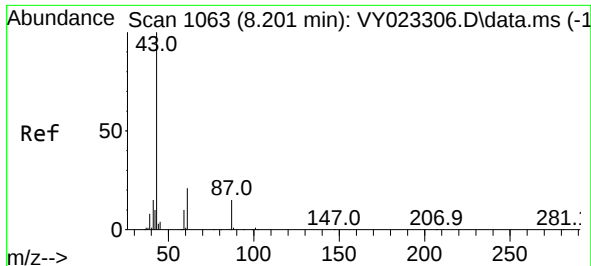
Tgt Ion: 41 Resp: 228520
Ion Ratio Lower Upper
41 100
39 53.1 56.1 84.1#
67 90.3 0.0 0.0#
52 34.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 138.517 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 62 Resp: 801777
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.6

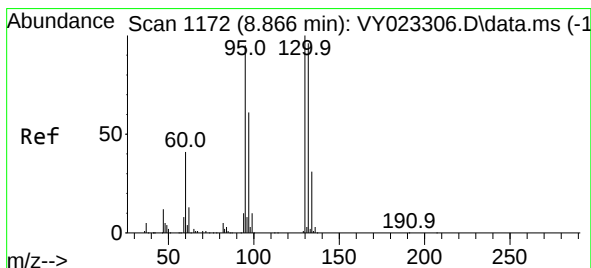
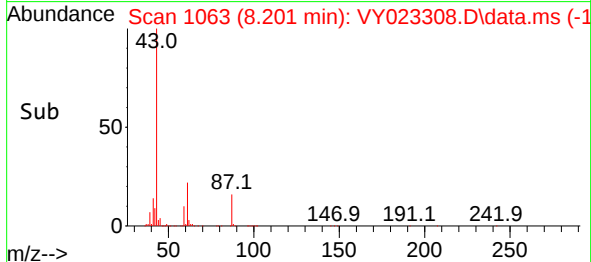
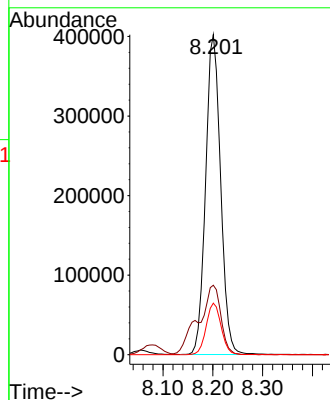
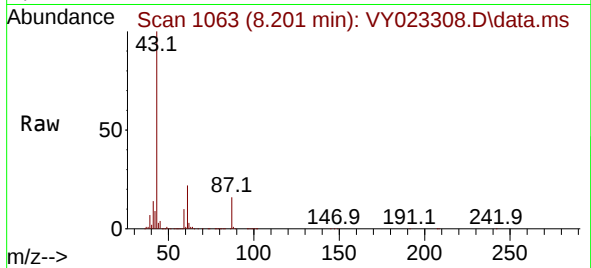




#43
Isopropyl Acetate
Concen: 148.189 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

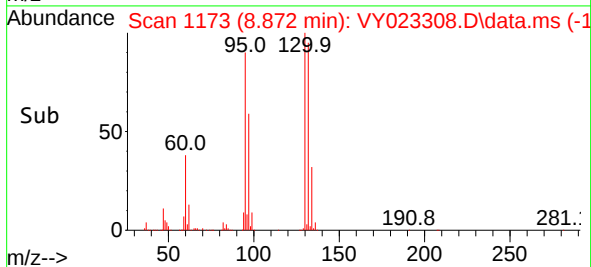
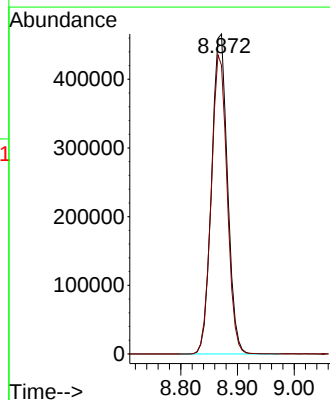
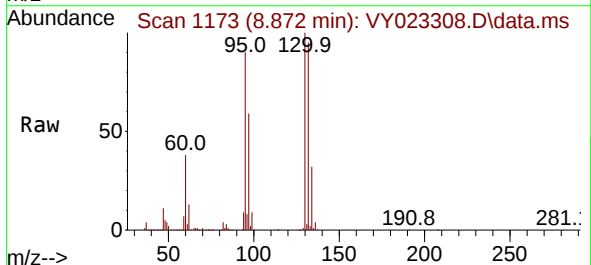
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

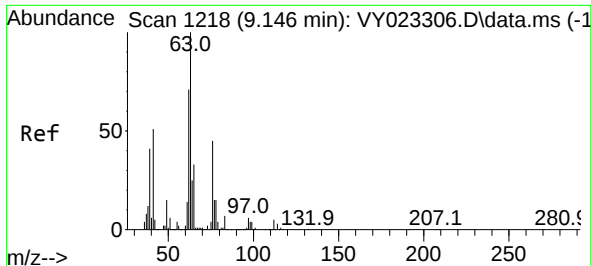
Tgt Ion: 43 Resp: 838611
Ion Ratio Lower Upper
43 100
61 32.4 17.1 25.7#
87 16.1 12.6 18.8



#44
Trichloroethene
Concen: 142.793 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion:130 Resp: 904223
Ion Ratio Lower Upper
130 100
95 90.2 0.0 189.8

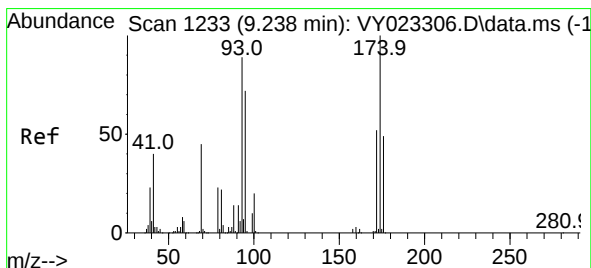
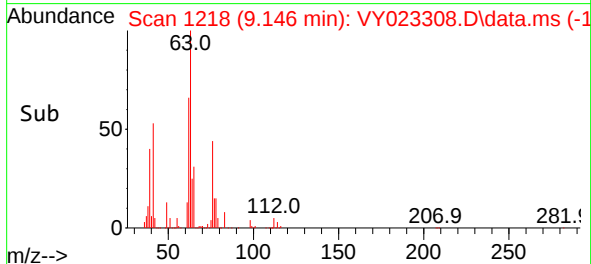
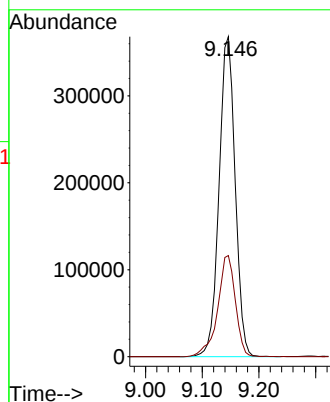
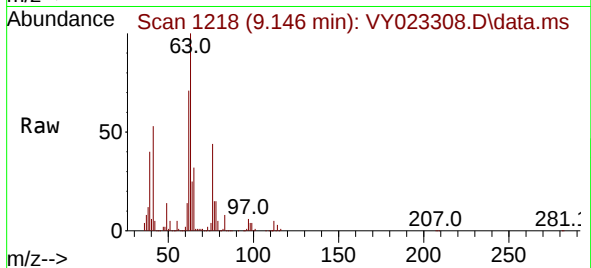




#45
1,2-Dichloropropane
Concen: 141.411 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

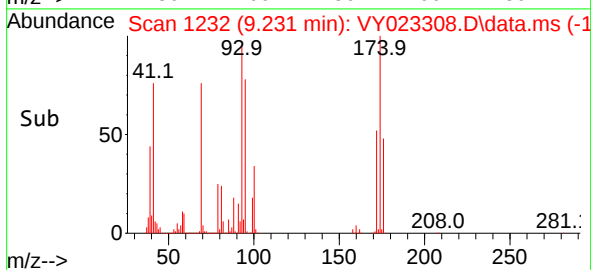
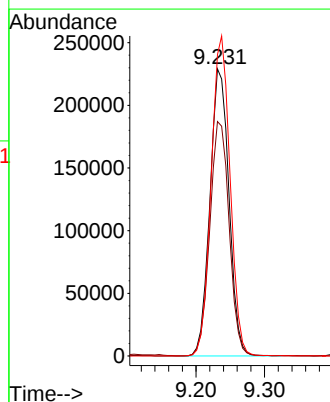
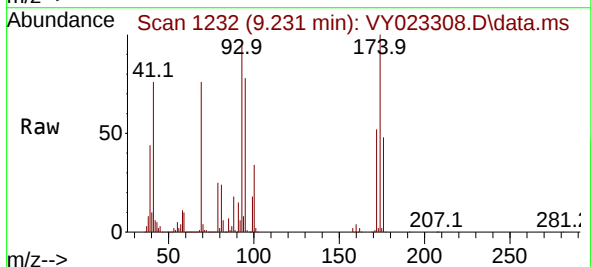
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 726072
Ion Ratio Lower Upper
63 100
65 31.6 26.4 39.6



#46
Dibromomethane
Concen: 141.355 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.006 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 93 Resp: 441999
Ion Ratio Lower Upper
93 100
95 82.7 65.8 98.6
174 110.5 86.0 129.0

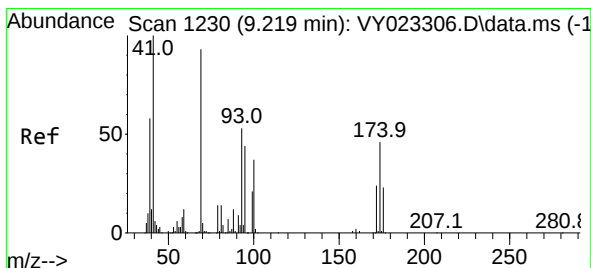
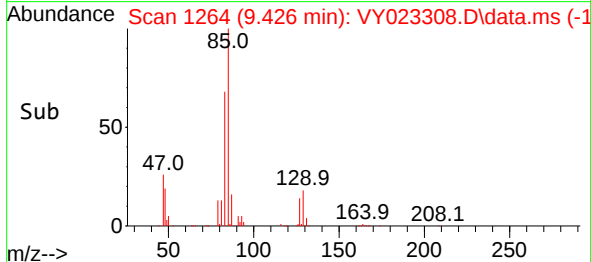
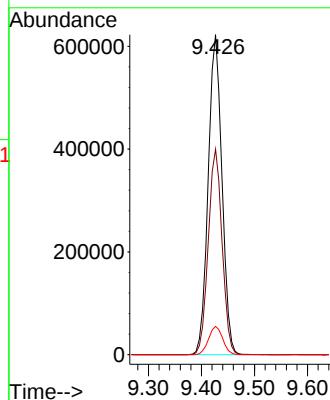
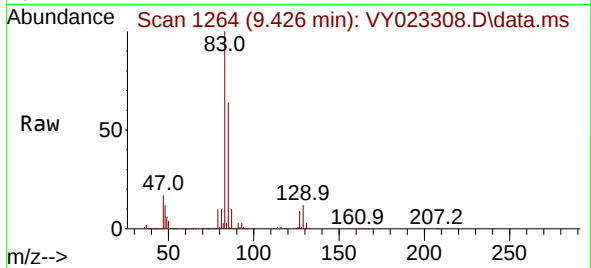




#47
Bromodichloromethane
Concen: 142.467 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

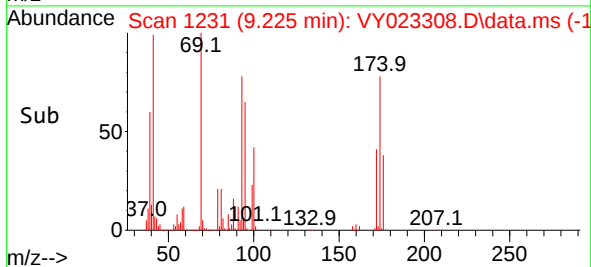
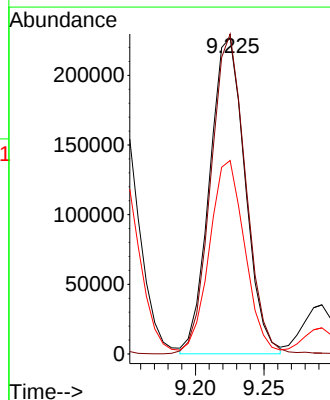
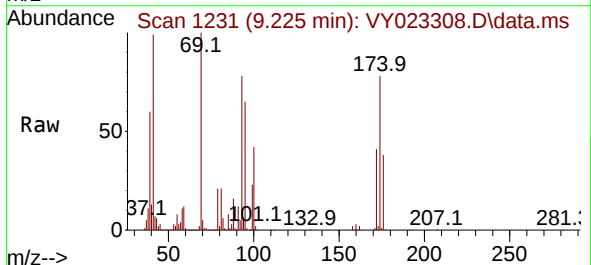
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

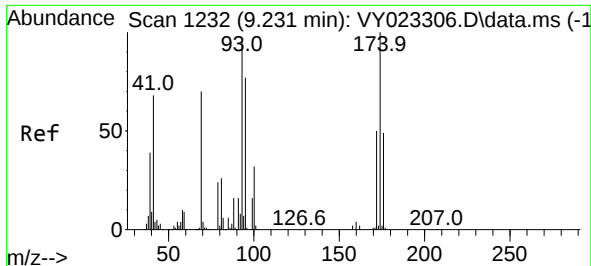
Tgt Ion: 83 Resp: 1120710
Ion Ratio Lower Upper
83 100
85 64.2 51.5 77.3
127 8.9 7.2 10.8



#48
Methyl methacrylate
Concen: 155.039 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 41 Resp: 408953
Ion Ratio Lower Upper
41 100
69 99.1 77.8 116.8
39 58.5 45.9 68.9

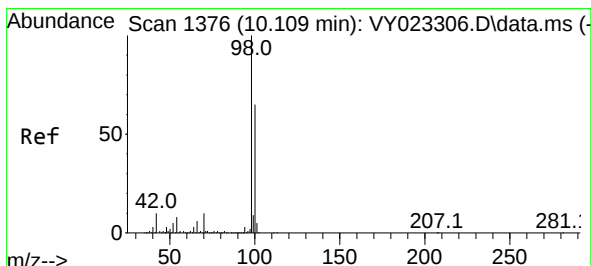
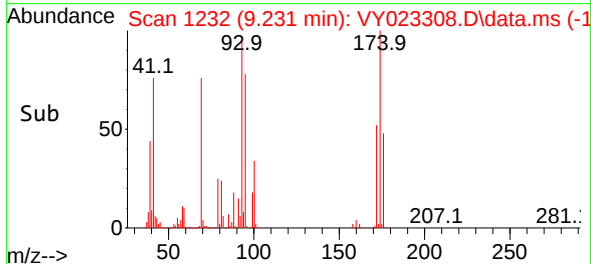
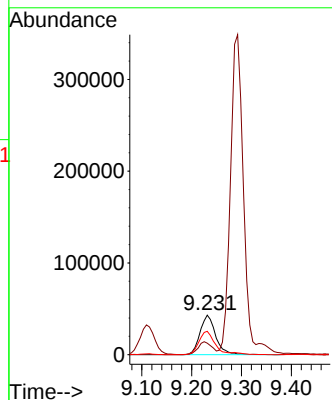
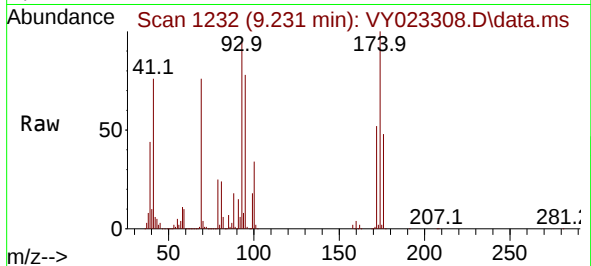




#49
1,4-Dioxane
Concen: 2965.012 ug/l
RT: 9.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

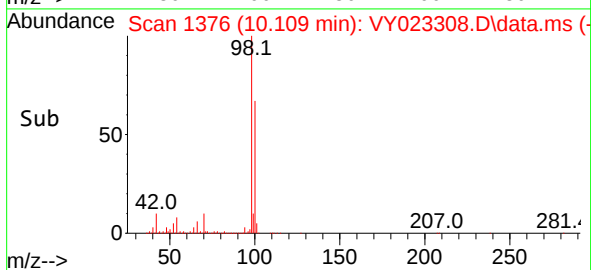
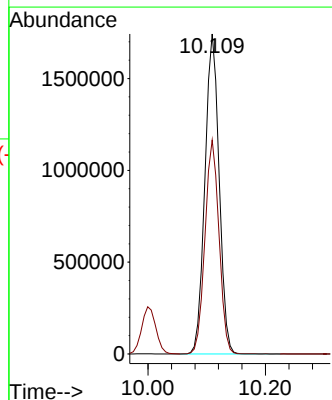
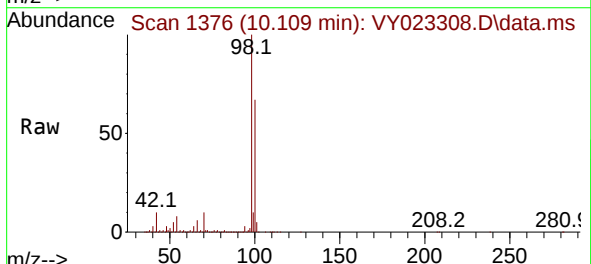
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

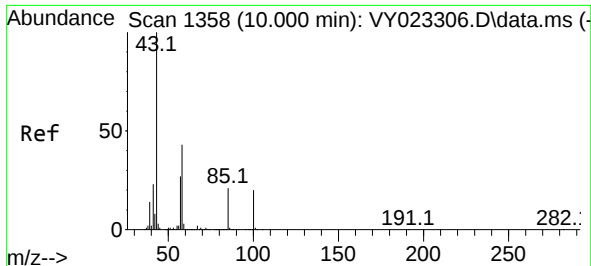
Tgt Ion: 88 Resp: 94112
Ion Ratio Lower Upper
88 100
43 28.2 24.6 37.0
58 62.7 48.0 72.0



#50
Toluene-d8
Concen: 150.687 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 98 Resp: 2922042
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1

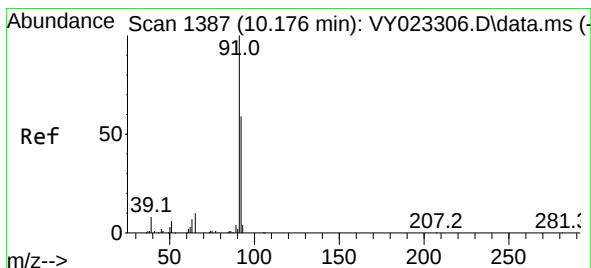
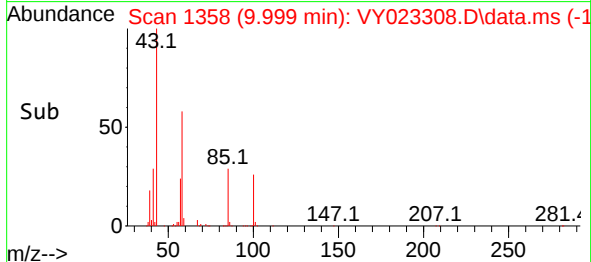
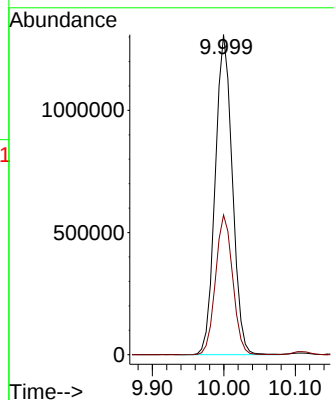
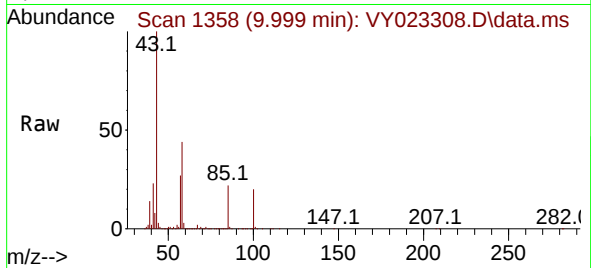




#51
4-Methyl-2-Pentanone
Concen: 751.306 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

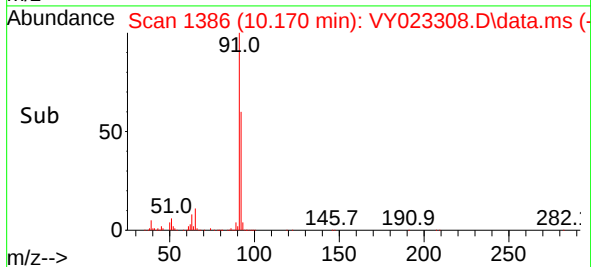
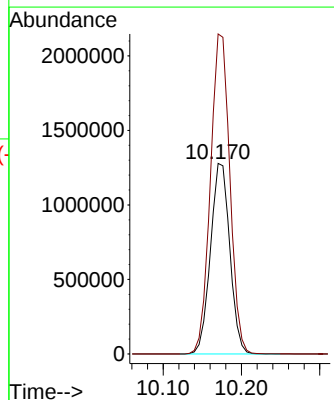
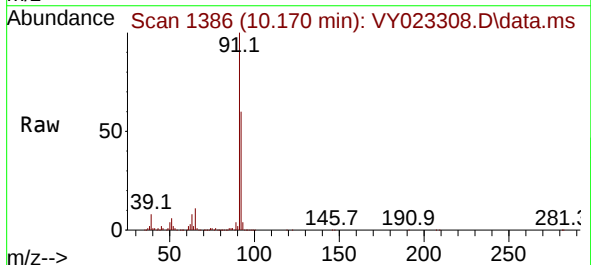
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

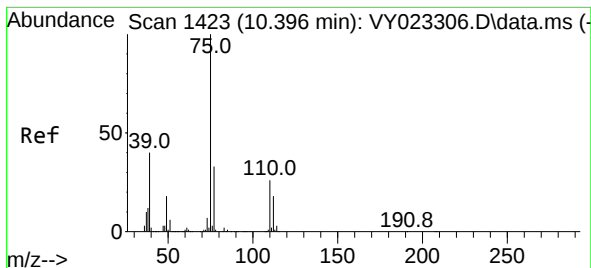
Tgt Ion: 43 Resp: 2175180
Ion Ratio Lower Upper
43 100
58 43.6 34.6 52.0



#52
Toluene
Concen: 151.556 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 92 Resp: 2186591
Ion Ratio Lower Upper
92 100
91 169.0 136.6 204.8

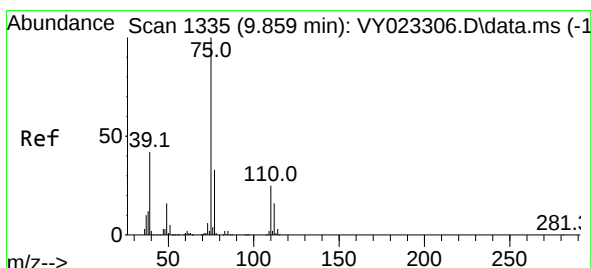
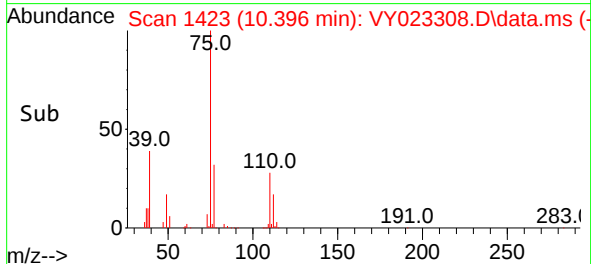
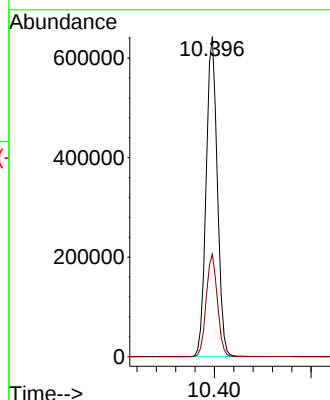
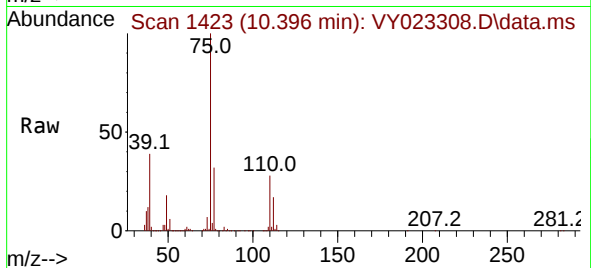




#53
 t-1,3-Dichloropropene
 Concen: 152.713 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. -0.000 min
 Lab File: VY023308.D
 Acq: 08 Sep 2025 12:08

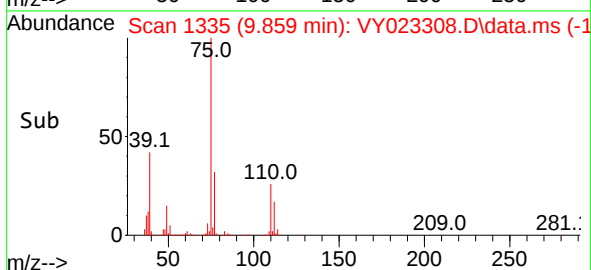
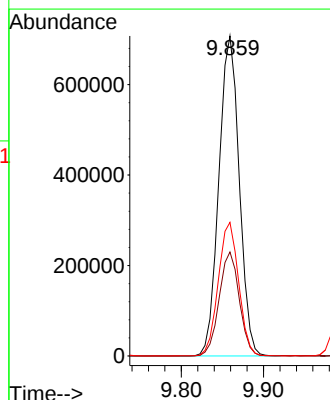
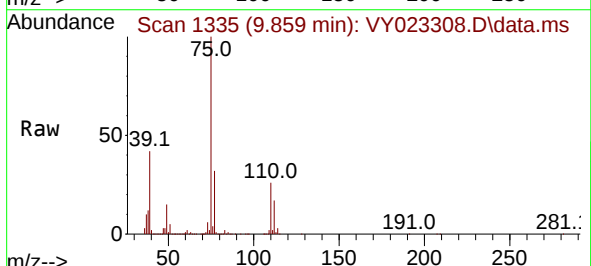
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

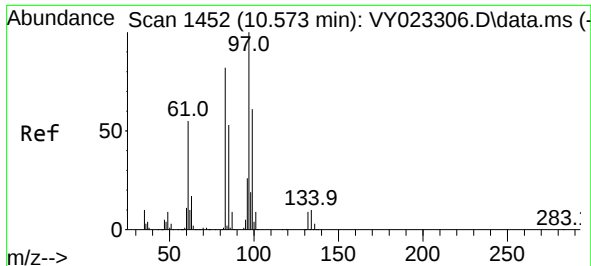
Tgt Ion: 75 Resp: 1034272
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 150.397 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. -0.000 min
 Lab File: VY023308.D
 Acq: 08 Sep 2025 12:08

Tgt Ion: 75 Resp: 1217126
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.1 39.1
 39 41.7 33.5 50.3



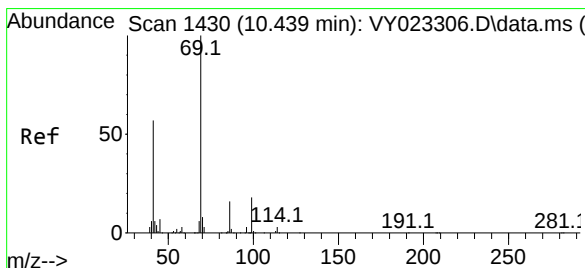
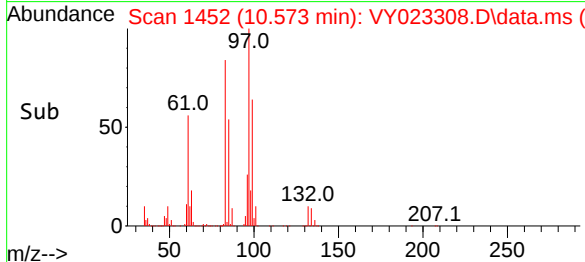
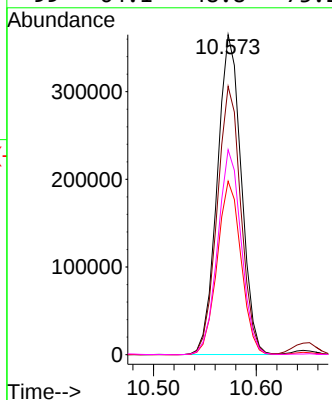
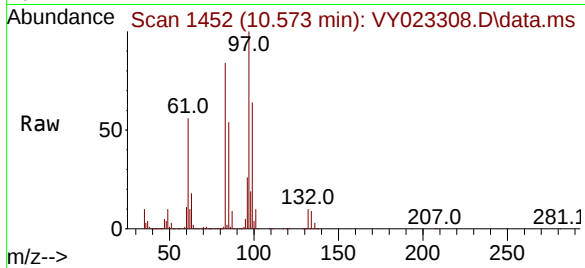


#55
1,1,2-Trichloroethane
Concen: 142.372 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 592178

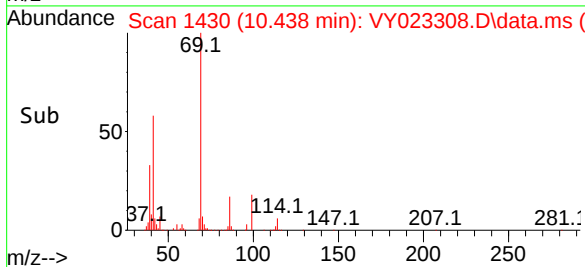
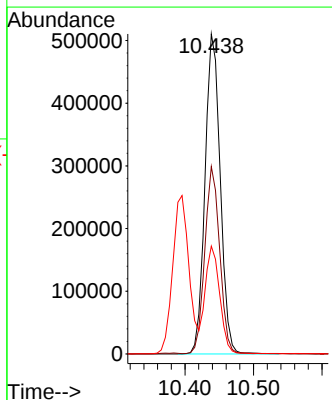
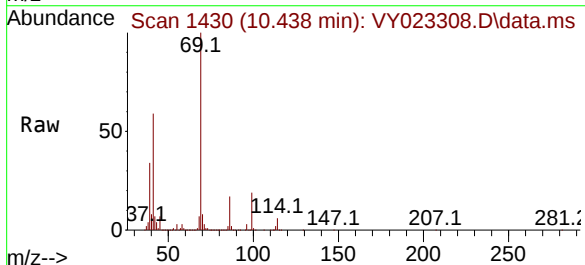
Ion	Ratio	Lower	Upper
97	100		
83	83.9	65.3	97.9
85	54.2	42.6	63.8
99	64.1	48.8	73.2

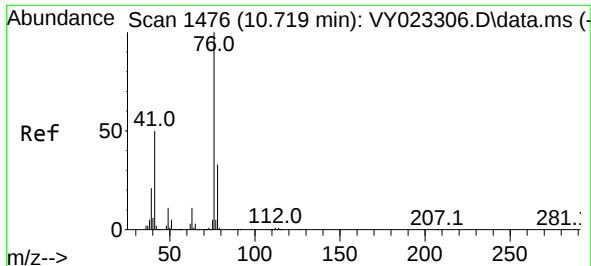


#56
Ethyl methacrylate
Concen: 163.917 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 69 Resp: 789898

Ion	Ratio	Lower	Upper
69	100		
41	57.2	45.9	68.9
39	32.0	26.2	39.4





#57

1,3-Dichloropropane

Concen: 143.572 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023308.D

Acq: 08 Sep 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

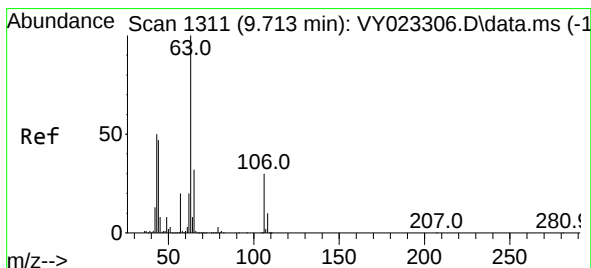
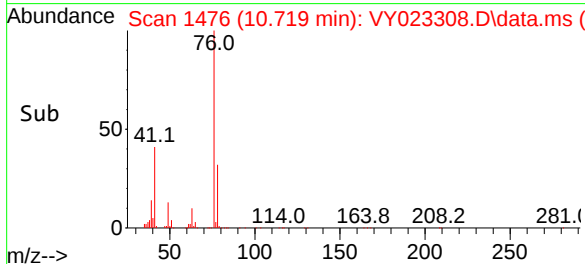
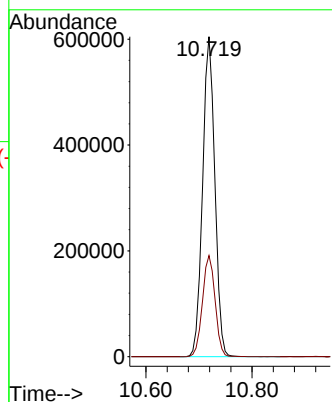
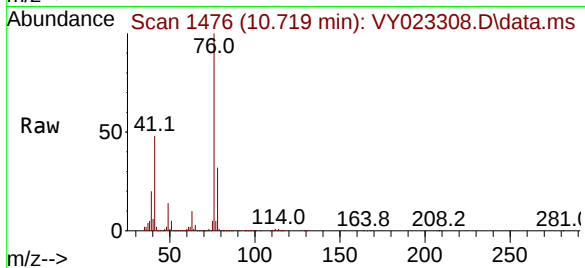
VSTDIC150

Tgt Ion: 76 Resp: 969469

Ion Ratio Lower Upper

76 100

78 32.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 894.949 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023308.D

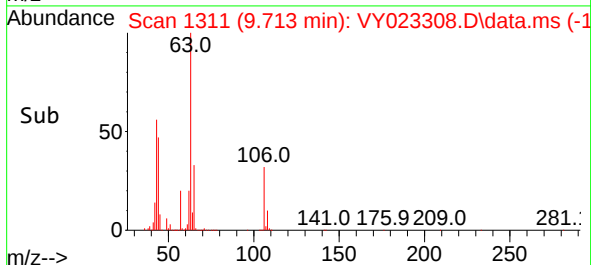
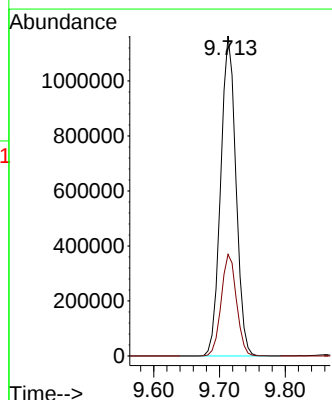
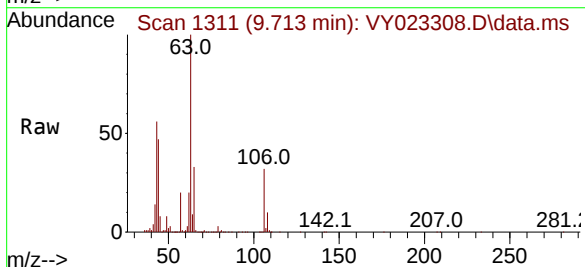
Acq: 08 Sep 2025 12:08

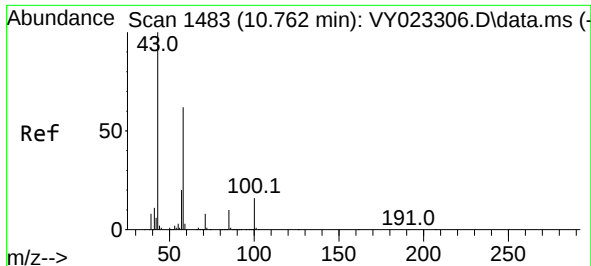
Tgt Ion: 63 Resp: 1879644

Ion Ratio Lower Upper

63 100

106 31.8 24.9 37.3

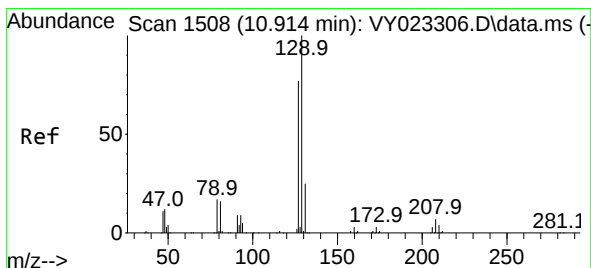
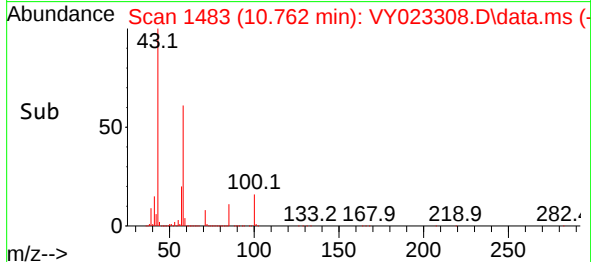
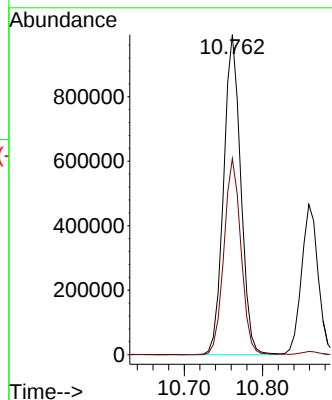
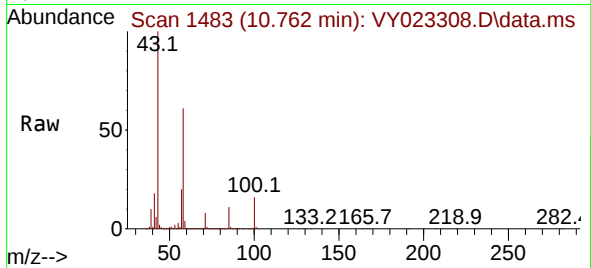




#59
2-Hexanone
Concen: 753.305 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

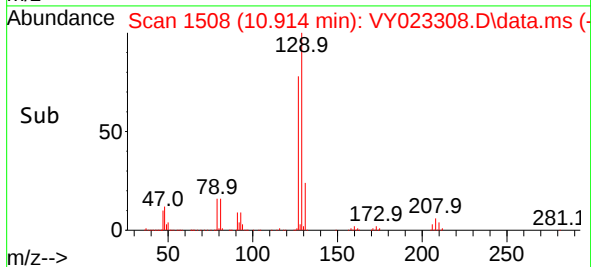
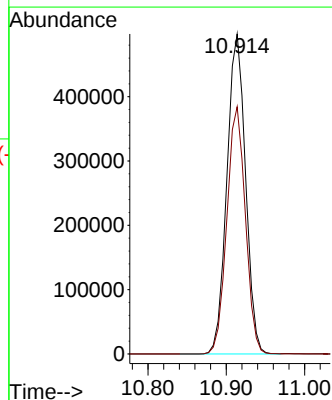
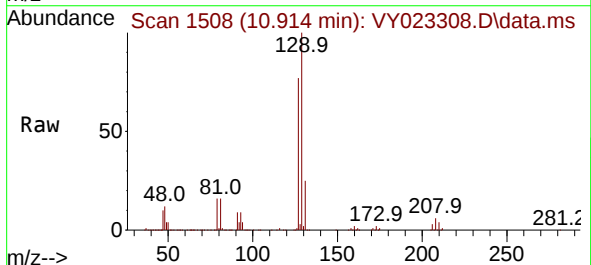
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

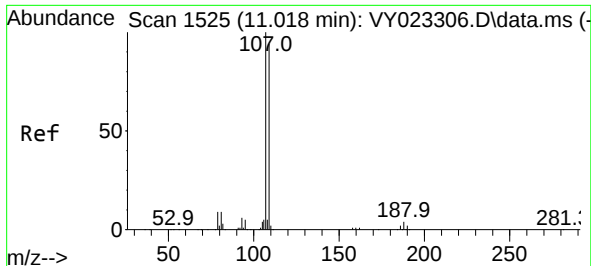
Tgt Ion: 43 Resp: 1507704
Ion Ratio Lower Upper
43 100
58 60.9 30.6 91.6



#60
Dibromochloromethane
Concen: 145.601 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 129 Resp: 821704
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8

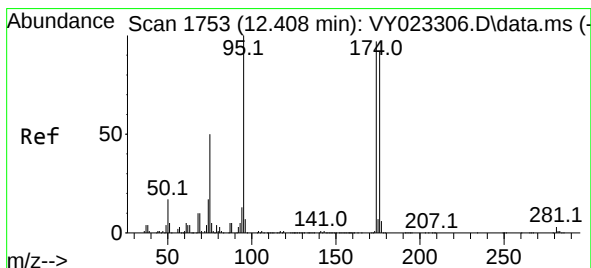
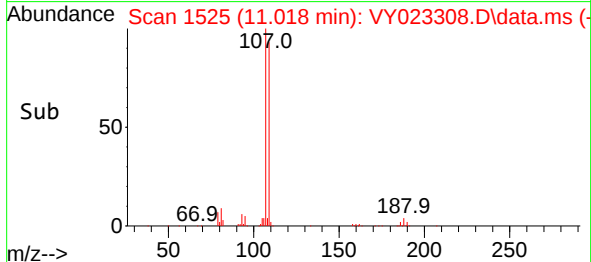
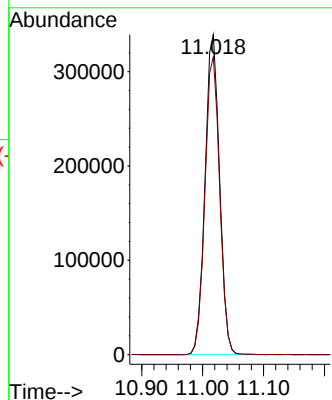
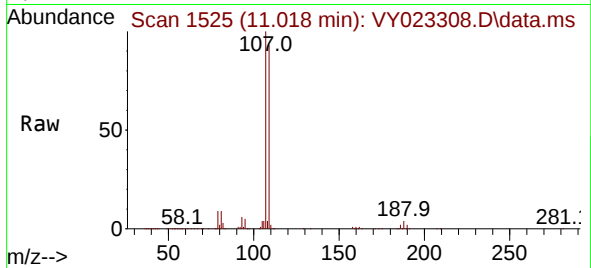




#61
1,2-Dibromoethane
Concen: 144.496 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

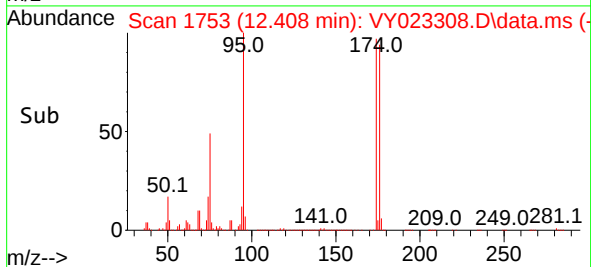
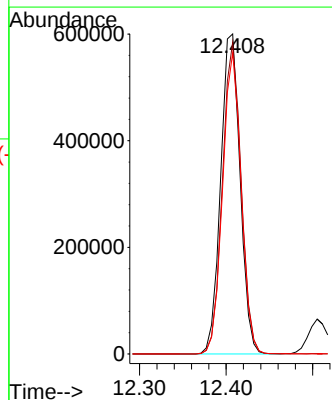
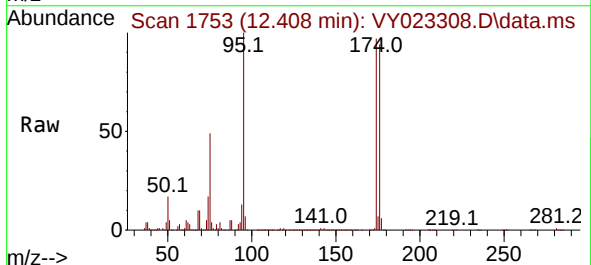
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

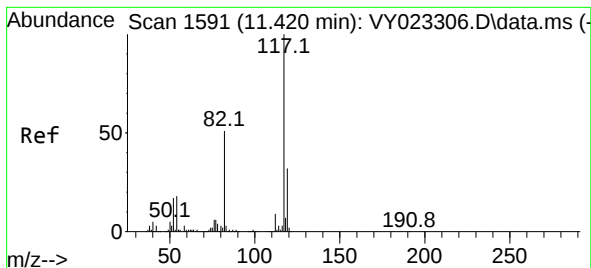
Tgt Ion:107 Resp: 563187
Ion Ratio Lower Upper
107 100
109 94.1 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 153.047 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 95 Resp: 933965
Ion Ratio Lower Upper
95 100
174 93.9 0.0 184.0
176 90.3 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023308.D

Acq: 08 Sep 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

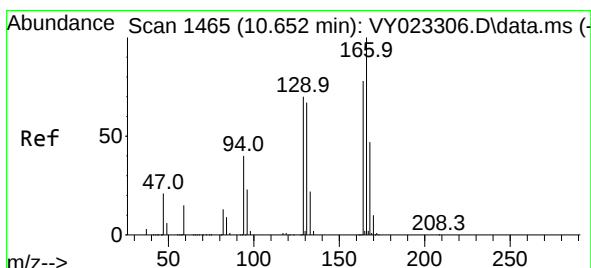
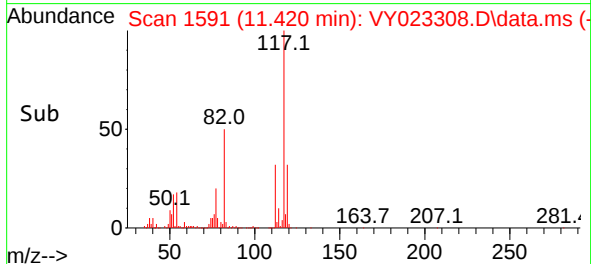
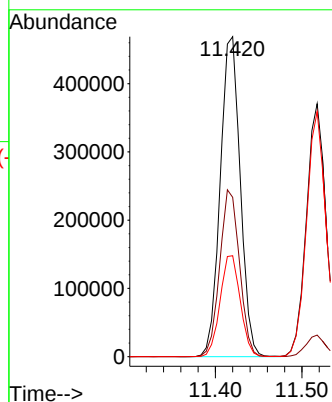
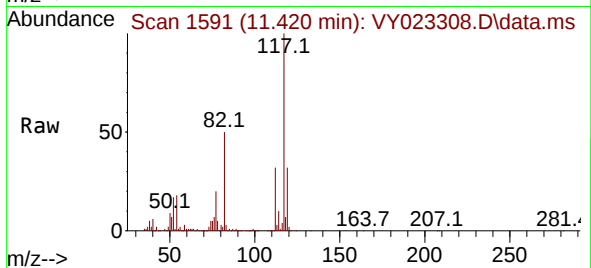
Tgt Ion:117 Resp: 752994

Ion Ratio Lower Upper

117 100

82 49.8 41.0 61.4

119 31.6 25.5 38.3



#64

Tetrachloroethene

Concen: 133.122 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY023308.D

Acq: 08 Sep 2025 12:08

Tgt Ion:164 Resp: 999061

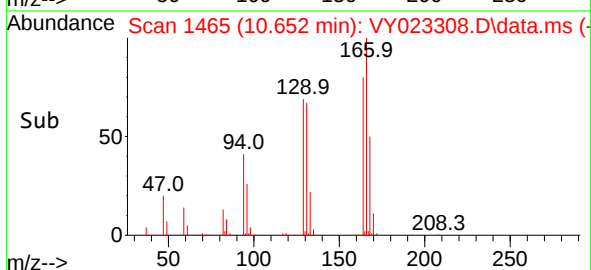
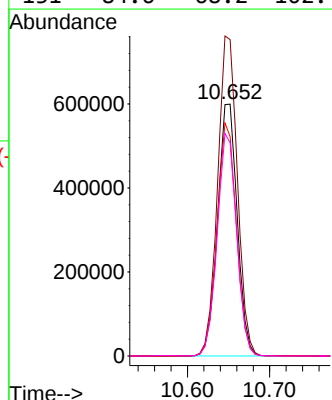
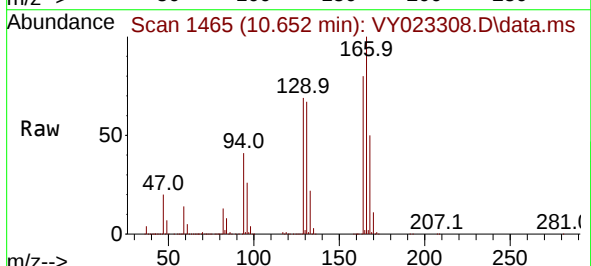
Ion Ratio Lower Upper

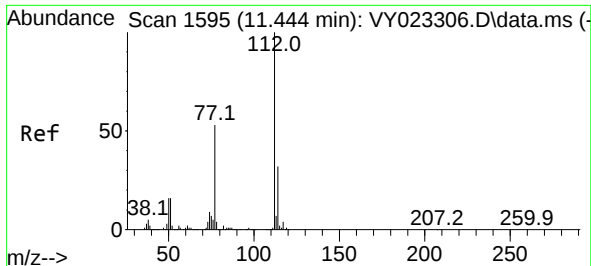
164 100

166 125.6 102.0 153.0

129 87.1 71.2 106.8

131 84.6 68.2 102.4

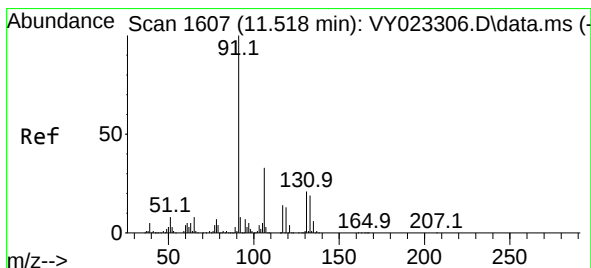
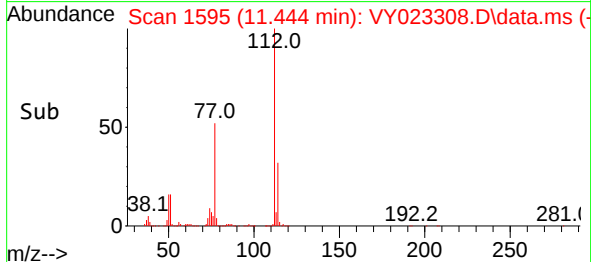
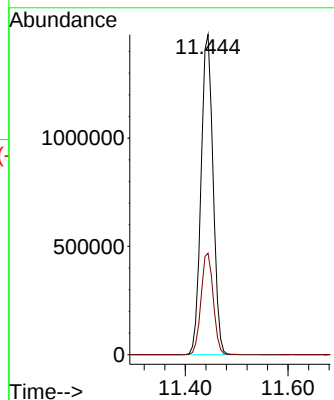
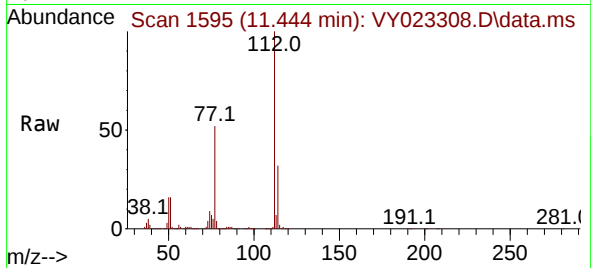




#65
Chlorobenzene
Concen: 145.283 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

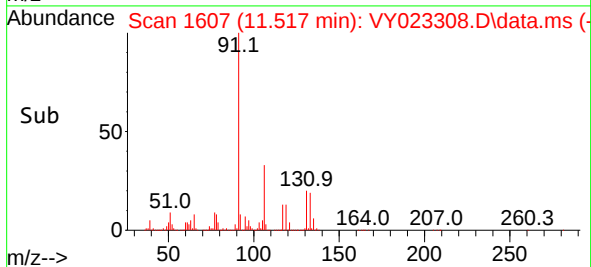
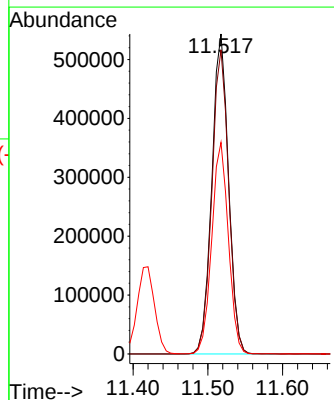
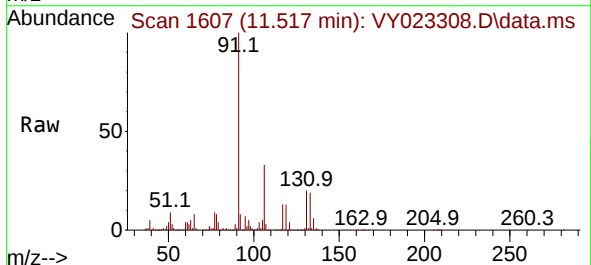
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

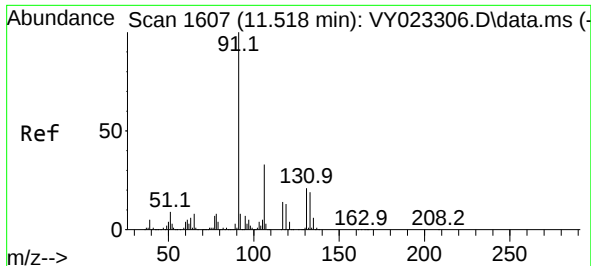
Tgt Ion:112 Resp: 2396604
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 146.017 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion:131 Resp: 845457
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 65.8 33.2 99.6

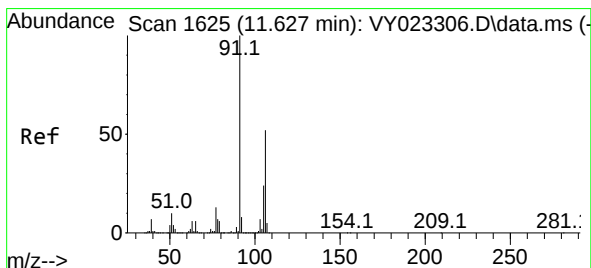
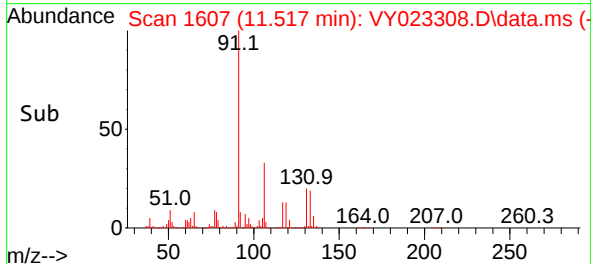
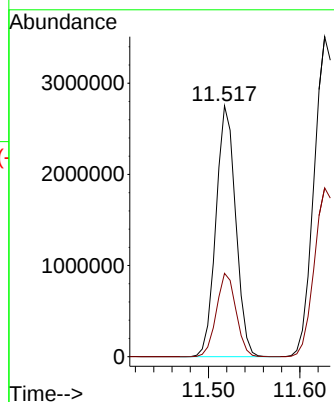
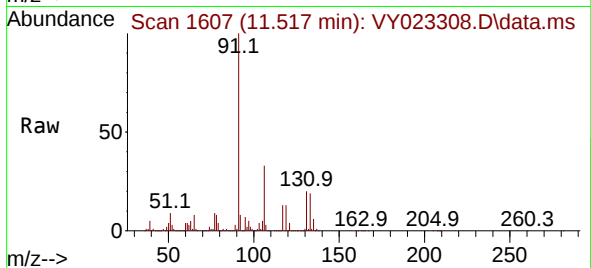




#67
Ethyl Benzene
Concen: 153.256 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

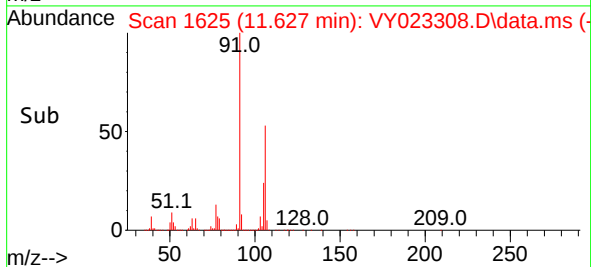
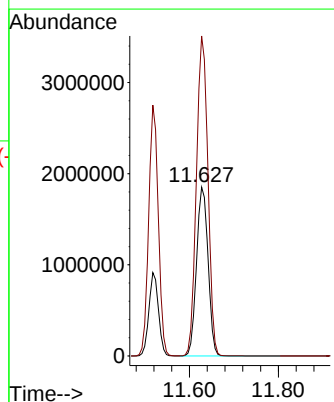
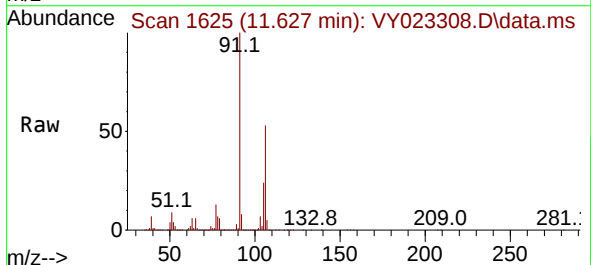
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

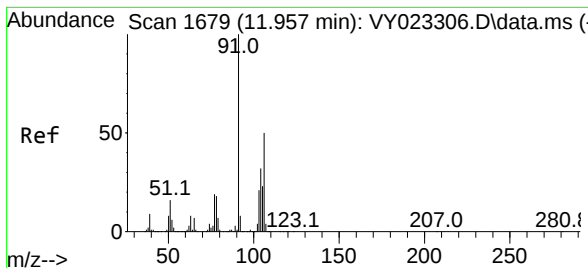
Tgt Ion: 91 Resp: 4130225
Ion Ratio Lower Upper
91 100
106 33.2 26.1 39.1



#68
m/p-Xylenes
Concen: 308.079 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 106 Resp: 3324597
Ion Ratio Lower Upper
106 100
91 189.5 153.9 230.9

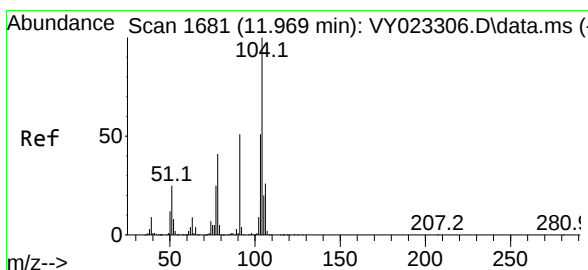
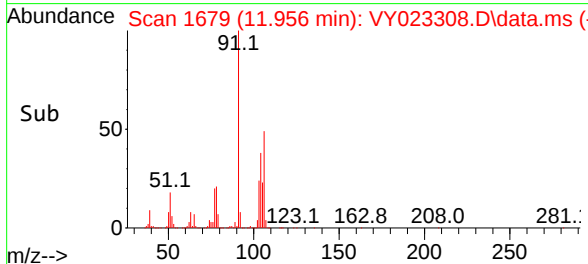
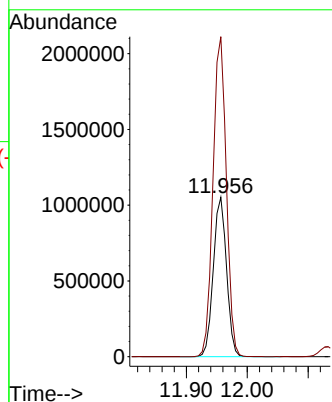
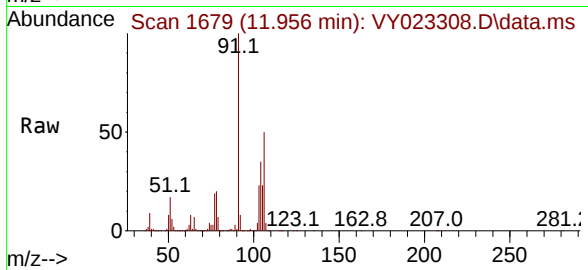




#69
o-Xylene
Concen: 158.618 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

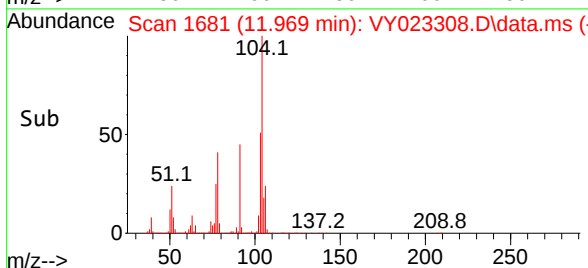
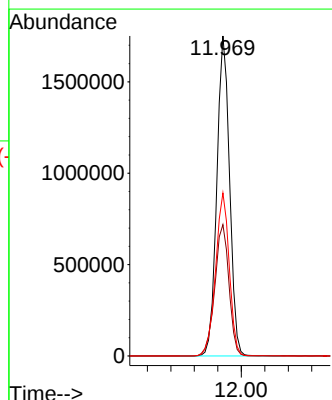
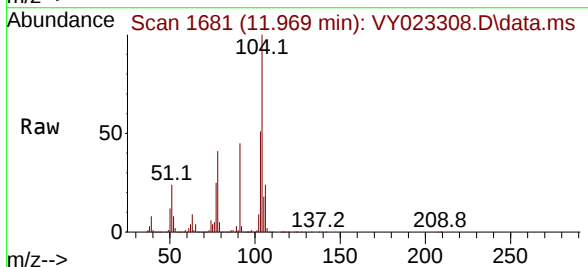
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

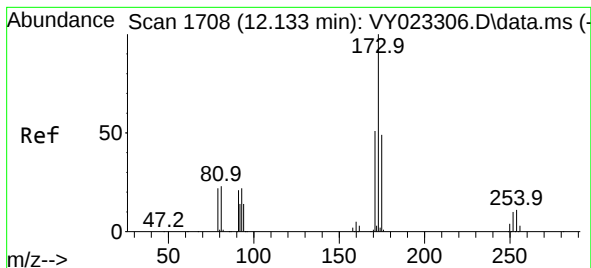
Tgt Ion:106 Resp: 1584564
Ion Ratio Lower Upper
106 100
91 202.1 102.2 306.5



#70
Styrene
Concen: 158.922 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion:104 Resp: 2631182
Ion Ratio Lower Upper
104 100
78 45.6 36.0 54.0
103 54.6 43.2 64.8





#71

Bromoform

Concen: 145.871 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023308.D

Acq: 08 Sep 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

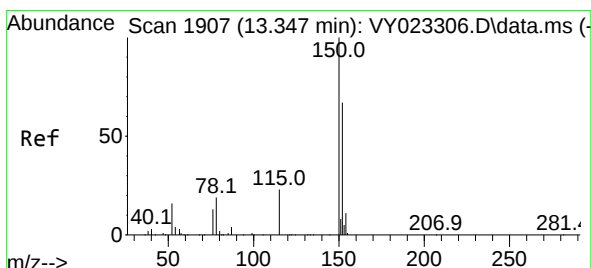
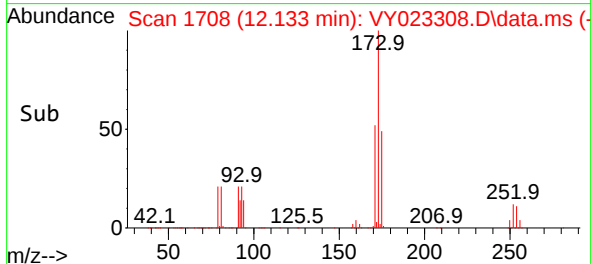
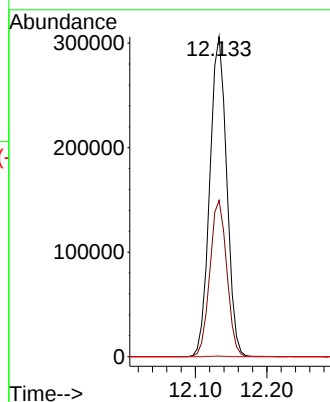
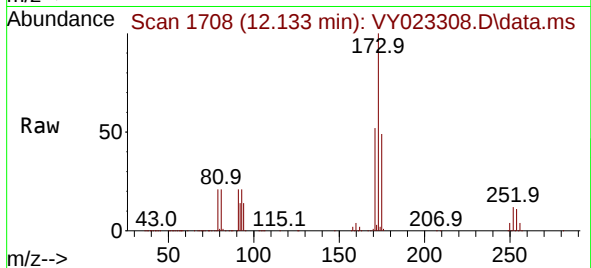
Tgt Ion:173 Resp: 502977

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.6

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023308.D

Acq: 08 Sep 2025 12:08

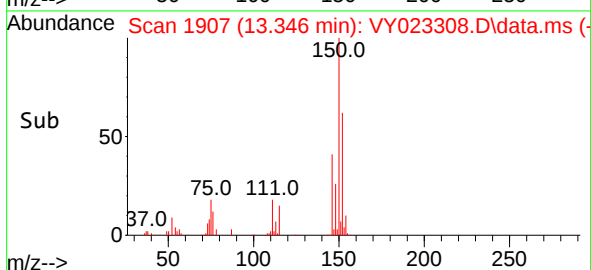
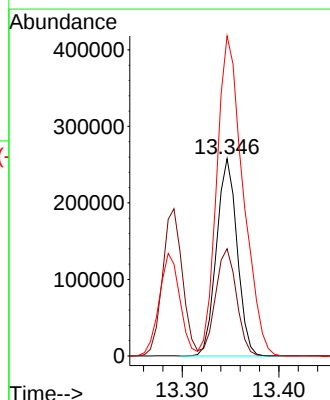
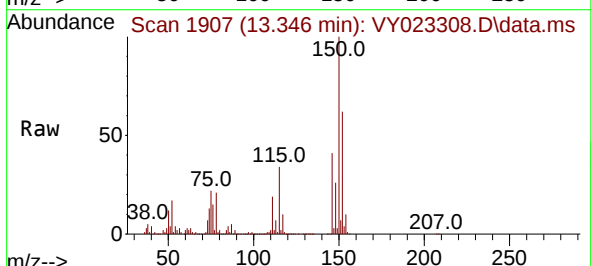
Tgt Ion:152 Resp: 381230

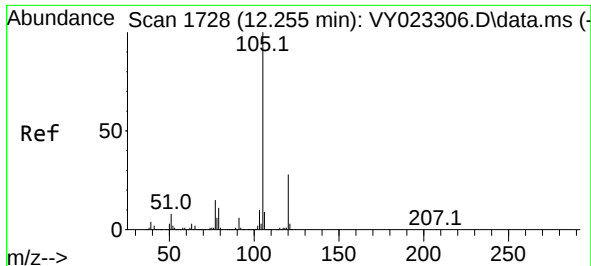
Ion Ratio Lower Upper

152 100

115 55.5 27.7 83.1

150 206.8 0.0 348.6

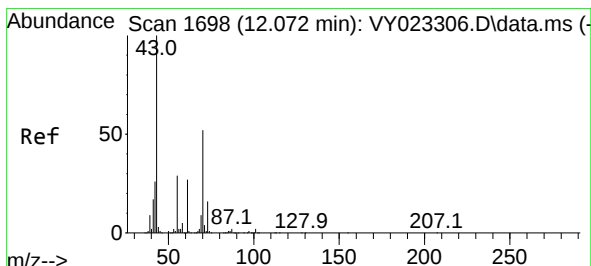
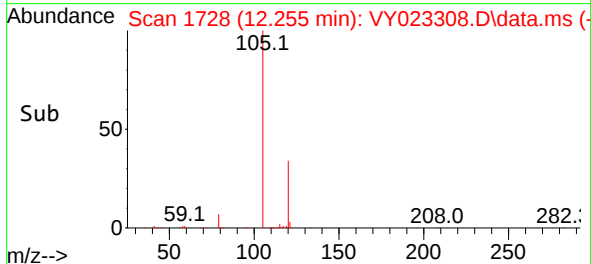
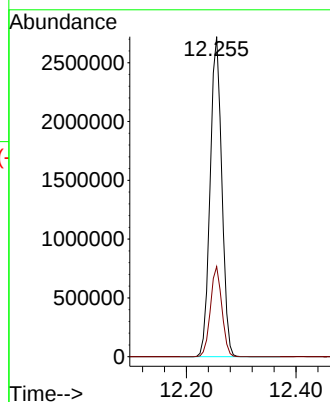
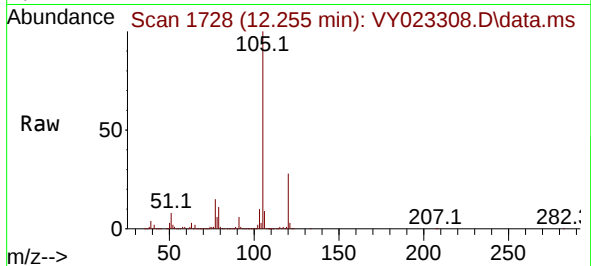




#73
Isopropylbenzene
Concen: 155.064 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

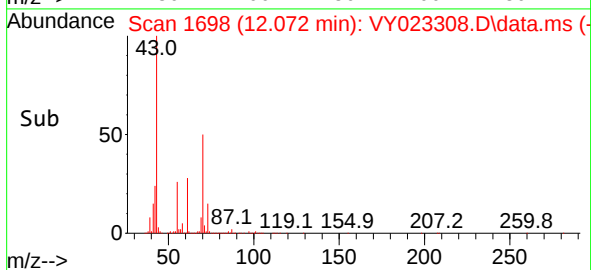
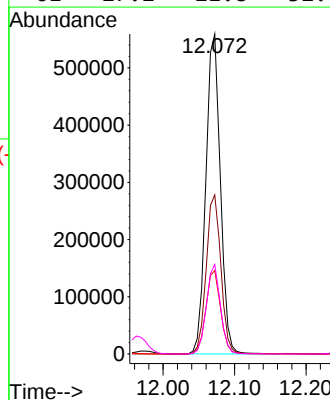
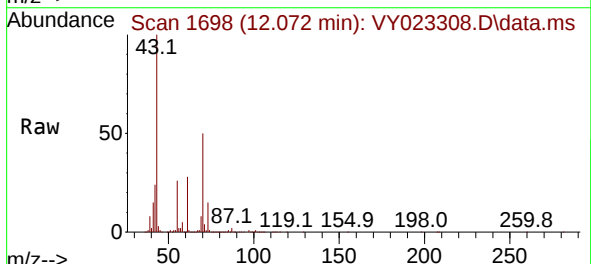
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

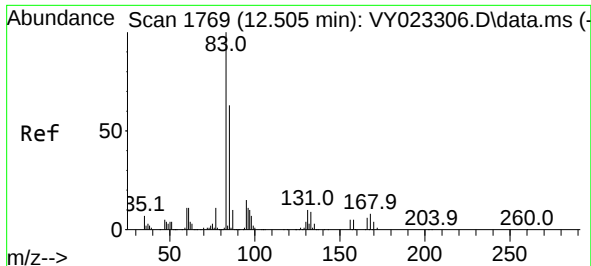
Tgt Ion:105 Resp: 3981997
Ion Ratio Lower Upper
105 100
120 27.7 13.7 41.1



#74
N-ethyl acetate
Concen: 162.033 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 43 Resp: 786505
Ion Ratio Lower Upper
43 100
70 50.3 41.0 61.4
55 26.7 23.3 34.9
61 27.2 21.8 32.6

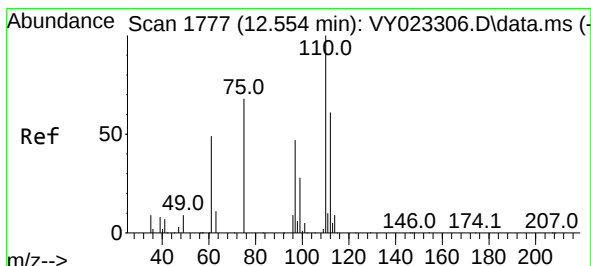
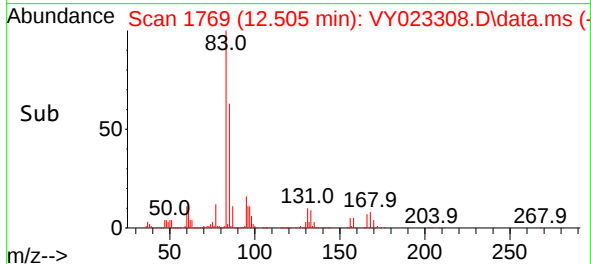
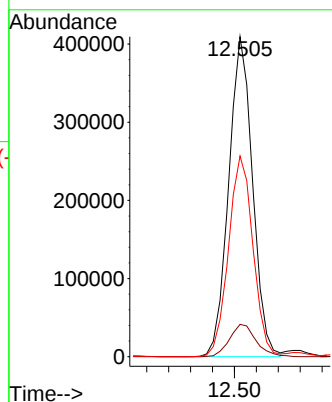
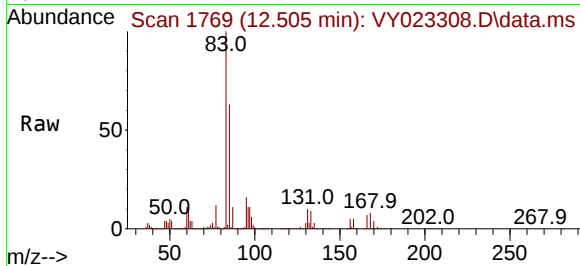




#75
 1,1,2,2-Tetrachloroethane
 Concen: 143.440 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY023308.D
 Acq: 08 Sep 2025 12:08

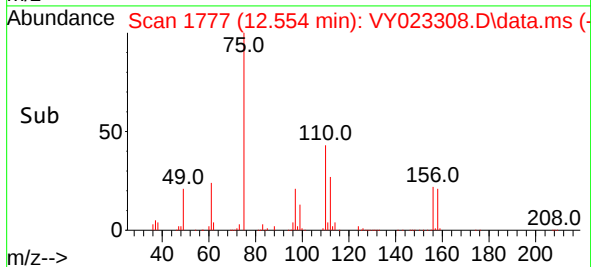
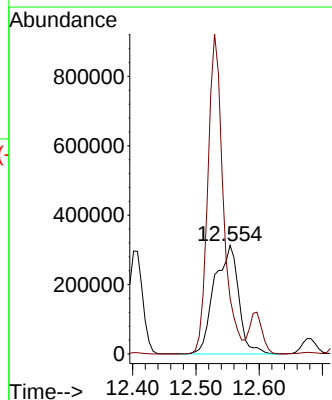
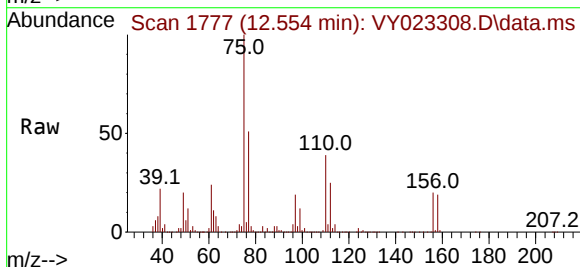
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

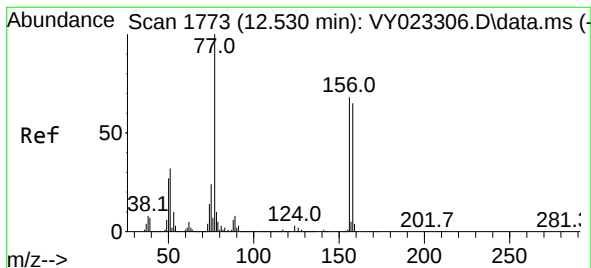
Tgt Ion: 83 Resp: 618197
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.5 16.7
 85 64.3 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 196.677 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY023308.D
 Acq: 08 Sep 2025 12:08

Tgt Ion: 75 Resp: 829569
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 149.869 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023308.D

Acq: 08 Sep 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

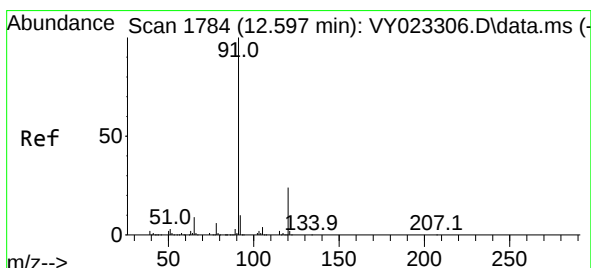
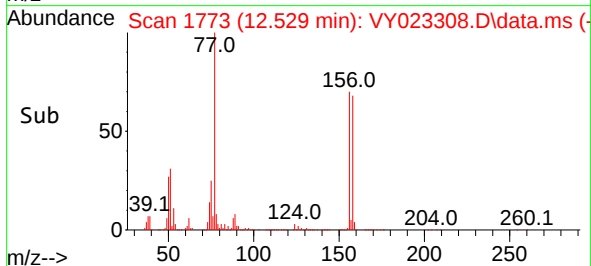
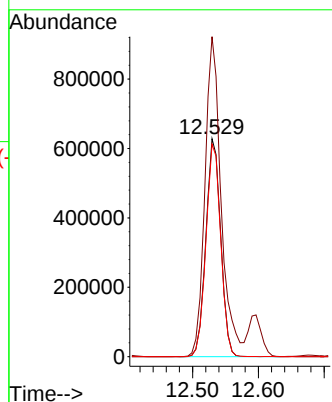
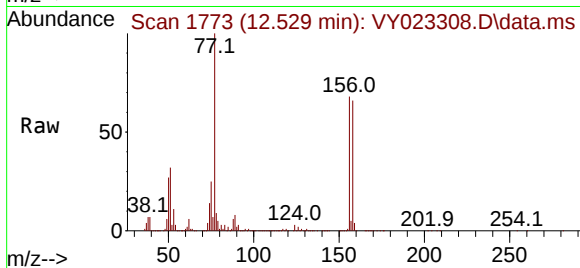
Tgt Ion:156 Resp: 983243

Ion Ratio Lower Upper

156 100

77 159.3 81.3 243.9

158 97.5 48.7 146.1



#78

n-propylbenzene

Concen: 152.185 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY023308.D

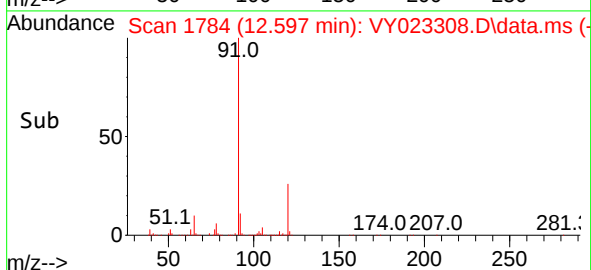
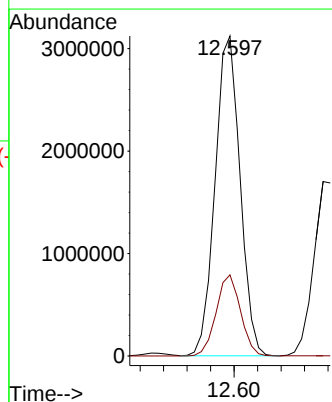
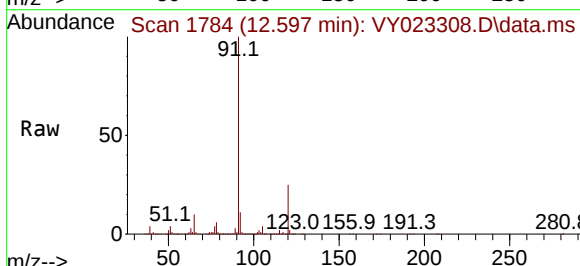
Acq: 08 Sep 2025 12:08

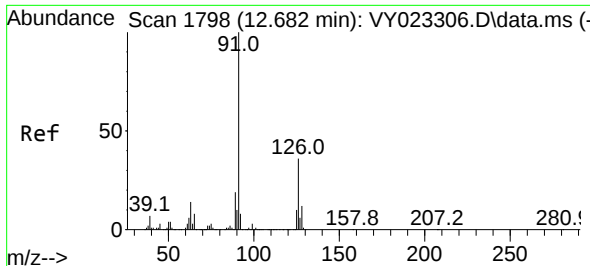
Tgt Ion: 91 Resp: 4606140

Ion Ratio Lower Upper

91 100

120 24.7 11.9 35.7

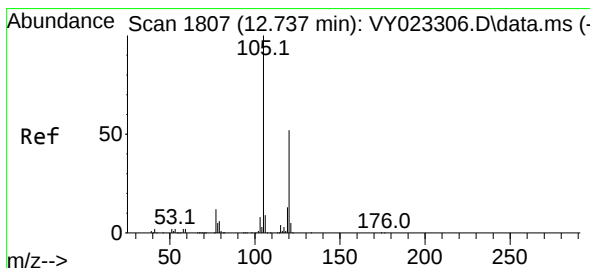
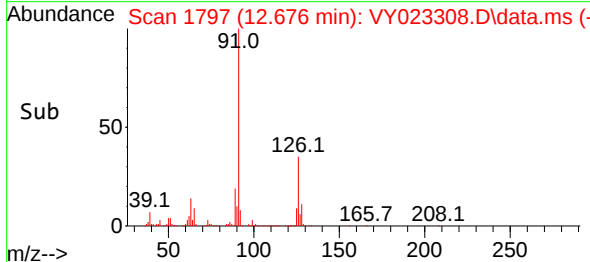
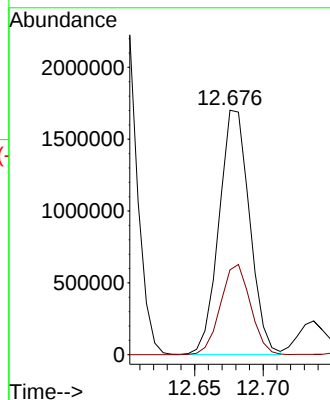
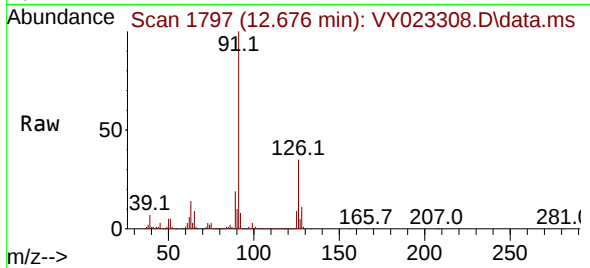




#79
2-Chlorotoluene
Concen: 151.969 ug/l
RT: 12.676 min Scan# 1798
Delta R.T. -0.006 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

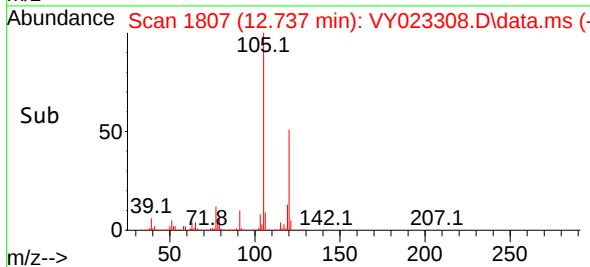
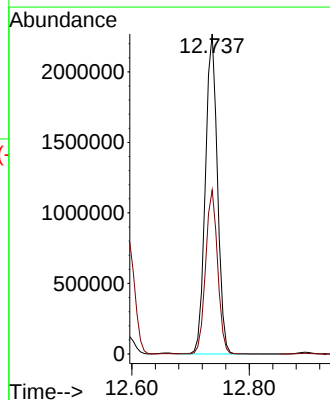
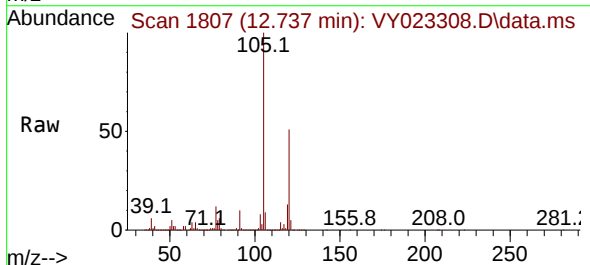
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

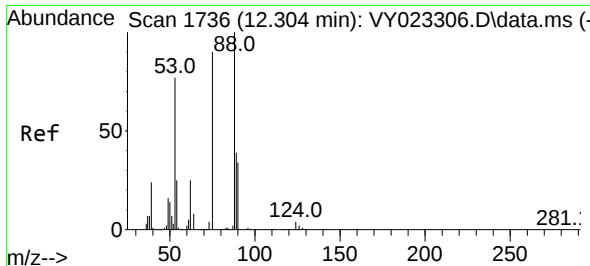
Tgt Ion: 91 Resp: 2649237
Ion Ratio Lower Upper
91 100
126 36.1 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 154.837 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 105 Resp: 3233898
Ion Ratio Lower Upper
105 100
120 51.0 25.4 76.4

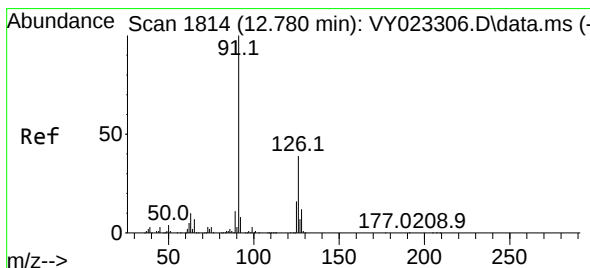
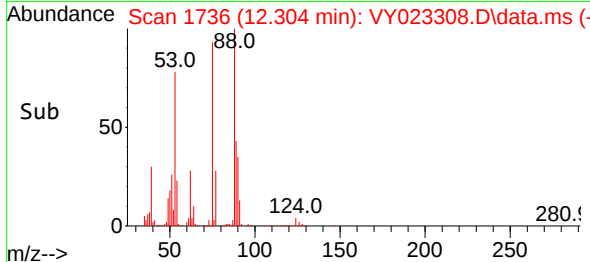
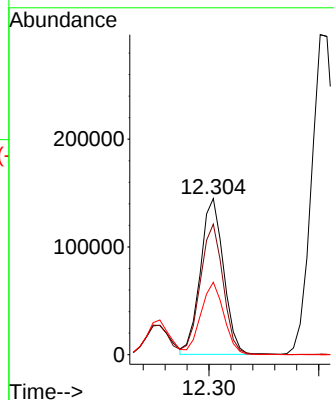
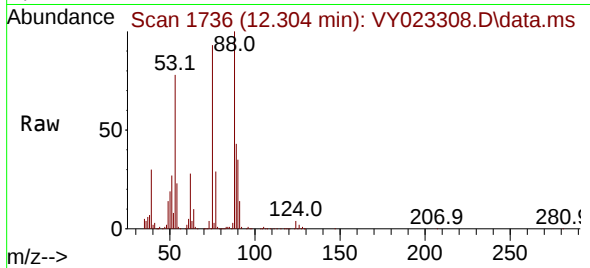




#81
trans-1,4-Dichloro-2-butene
Concen: 150.012 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

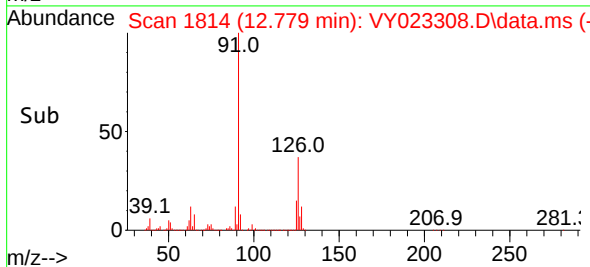
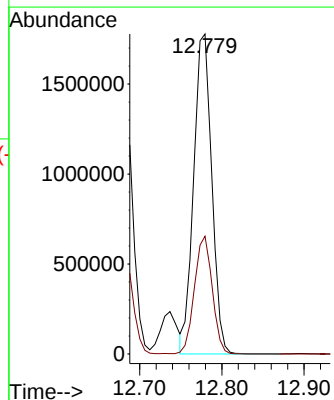
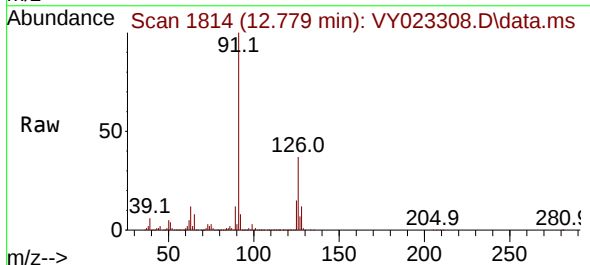
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

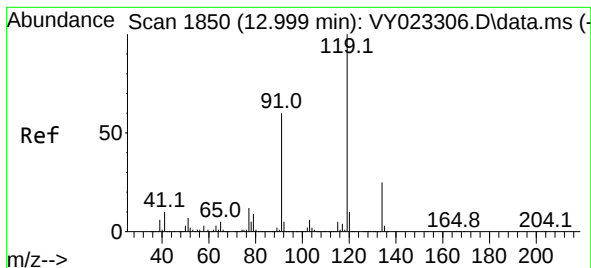
Tgt Ion: 75 Resp: 212367
Ion Ratio Lower Upper
75 100
53 83.0 70.9 106.3
89 46.0 37.4 56.2



#82
4-Chlorotoluene
Concen: 148.820 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 91 Resp: 2714572
Ion Ratio Lower Upper
91 100
126 36.3 18.3 54.9





#83

tert-Butylbenzene

Concen: 156.961 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY023308.D

Acq: 08 Sep 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

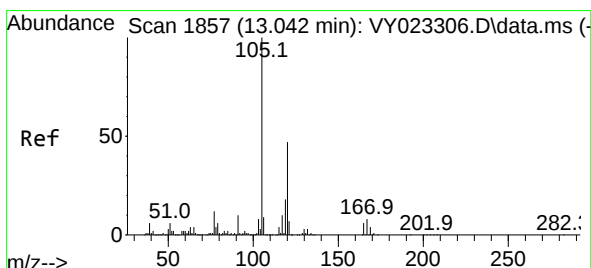
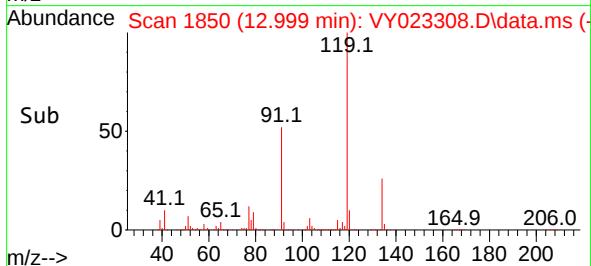
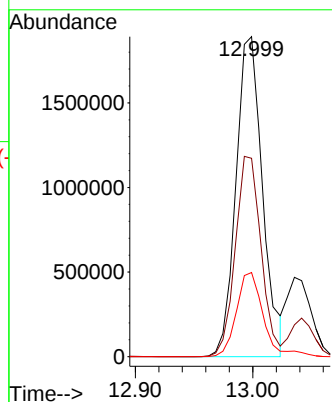
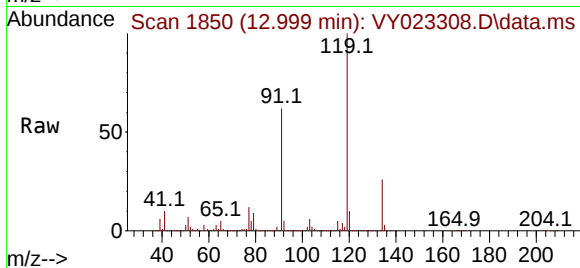
Tgt Ion:119 Resp: 2969101

Ion Ratio Lower Upper

119 100

91 60.8 30.3 90.8

134 26.7 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 155.401 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023308.D

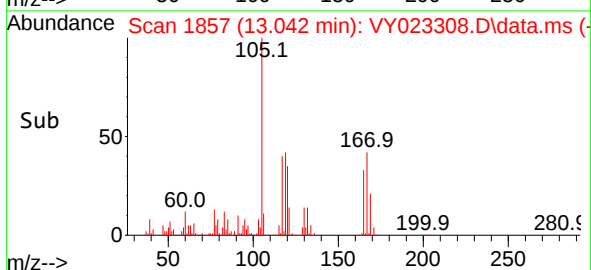
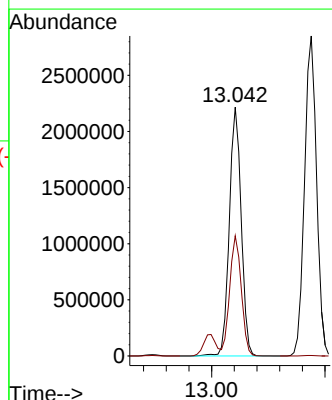
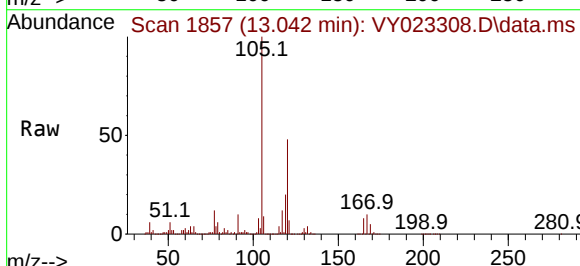
Acq: 08 Sep 2025 12:08

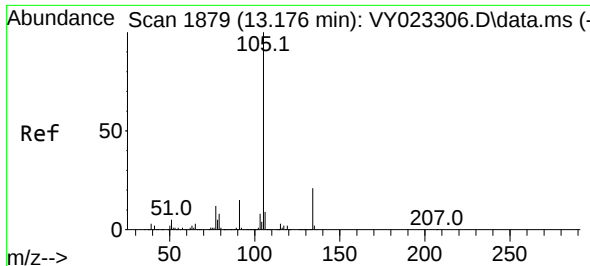
Tgt Ion:105 Resp: 3210868

Ion Ratio Lower Upper

105 100

120 47.3 23.3 69.8

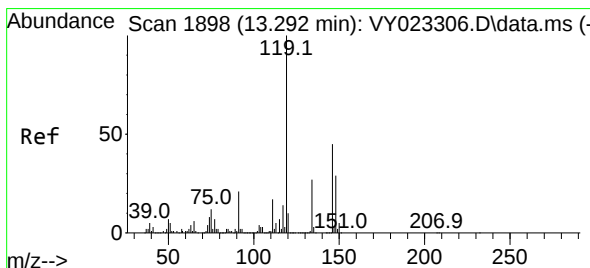
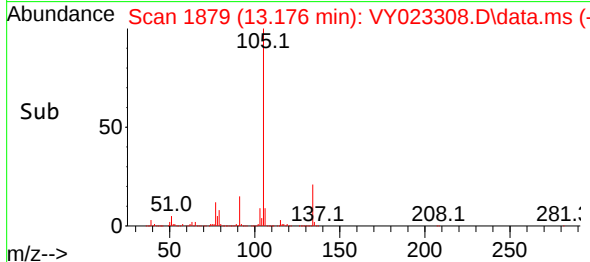
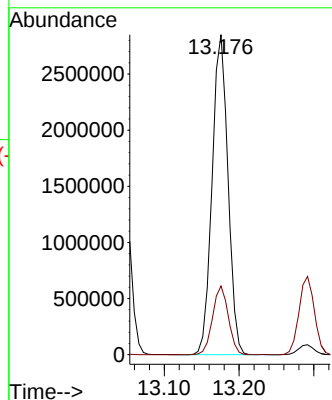
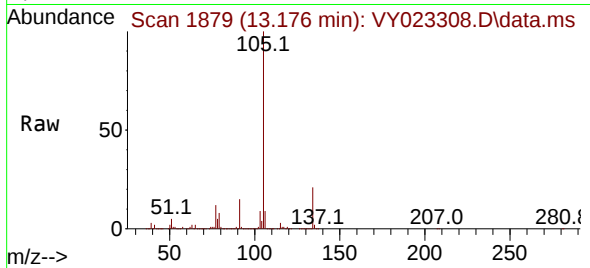




#85
 sec-Butylbenzene
 Concen: 152.473 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY023308.D
 Acq: 08 Sep 2025 12:08

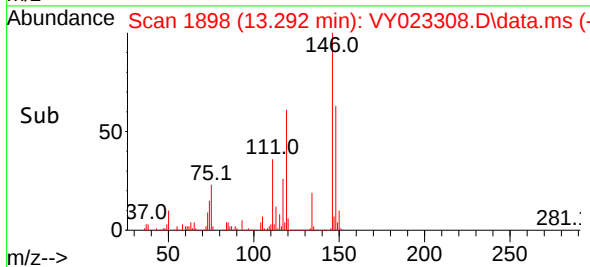
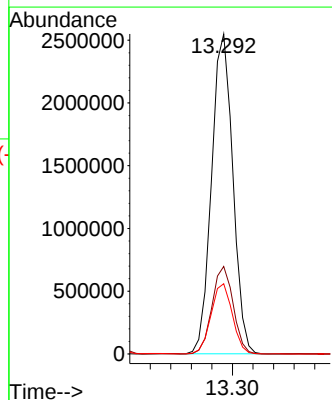
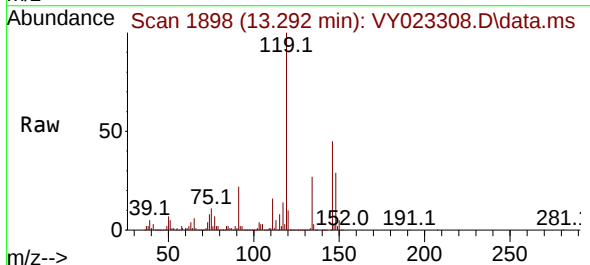
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

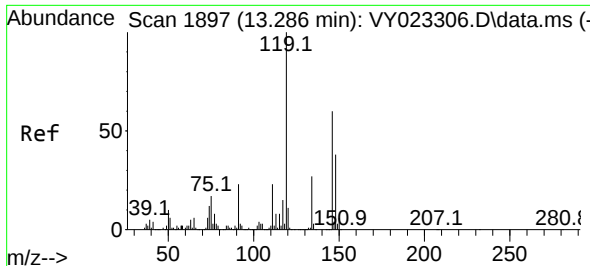
Tgt Ion:105 Resp: 4196454
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 157.431 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY023308.D
 Acq: 08 Sep 2025 12:08

Tgt Ion:119 Resp: 3660054
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.7
 91 21.9 10.9 32.7

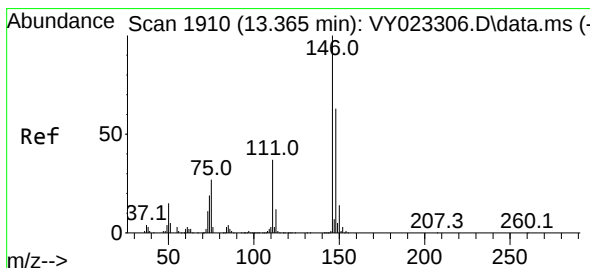
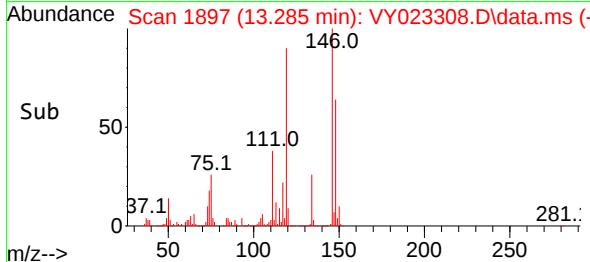
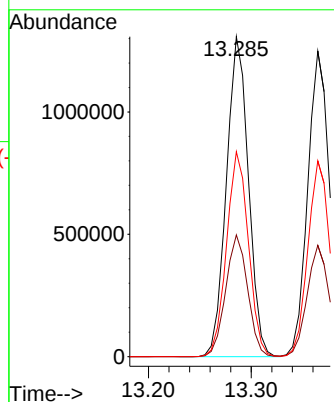
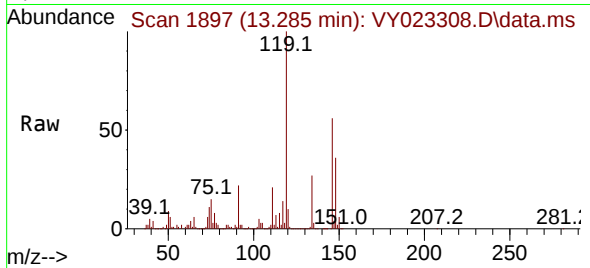




#87
 1,3-Dichlorobenzene
 Concen: 149.636 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY023308.D
 Acq: 08 Sep 2025 12:08

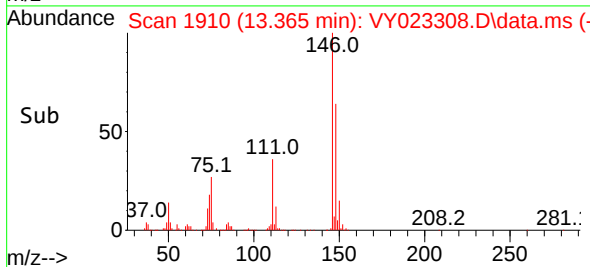
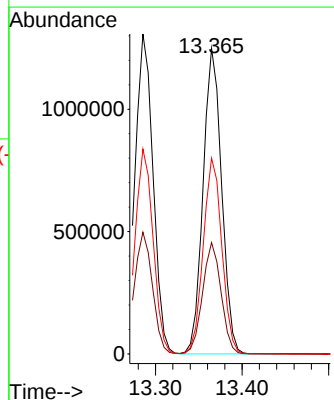
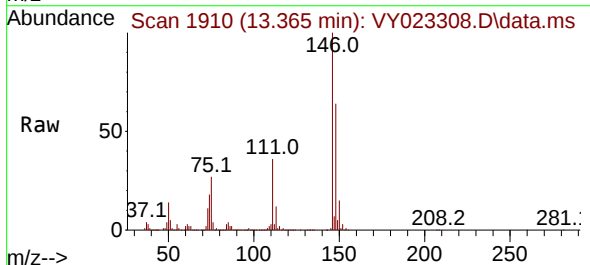
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

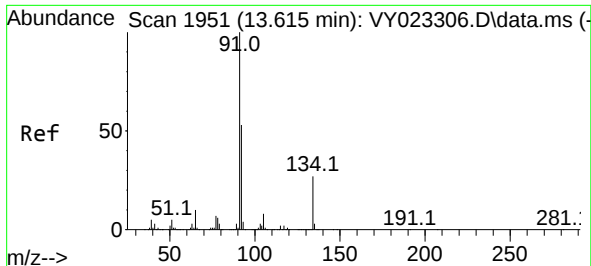
Tgt Ion:146 Resp: 1942632
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.7 56.1
 148 63.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 144.467 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY023308.D
 Acq: 08 Sep 2025 12:08

Tgt Ion:146 Resp: 1857662
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.3 54.9
 148 64.2 31.8 95.3

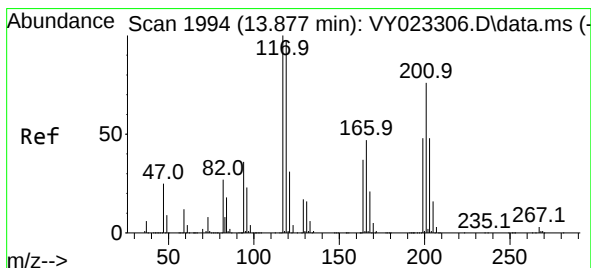
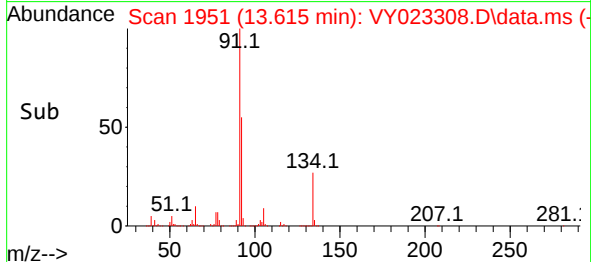
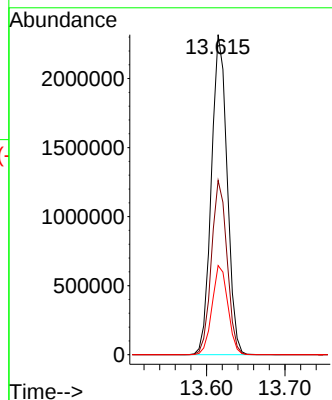
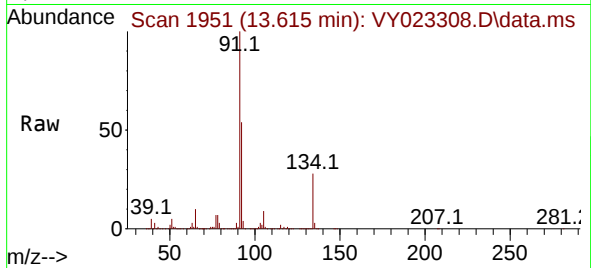




#89
n-Butylbenzene
Concen: 156.773 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

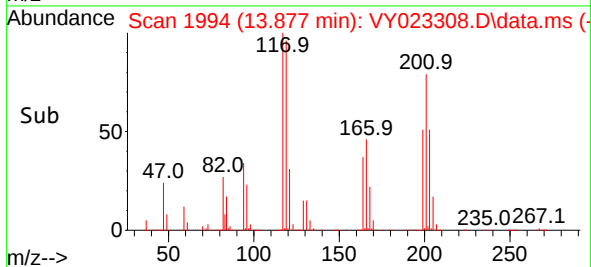
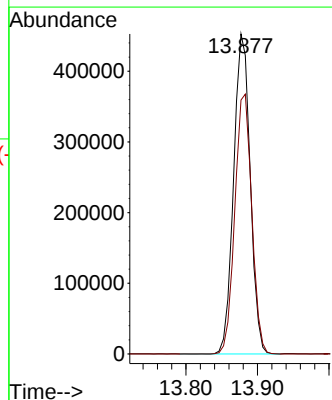
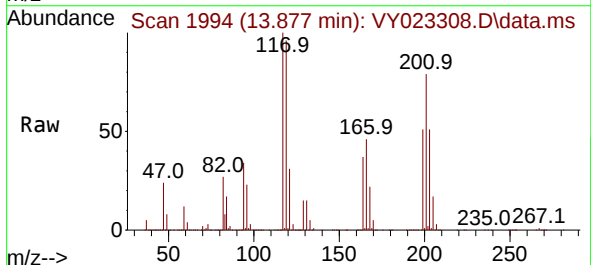
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

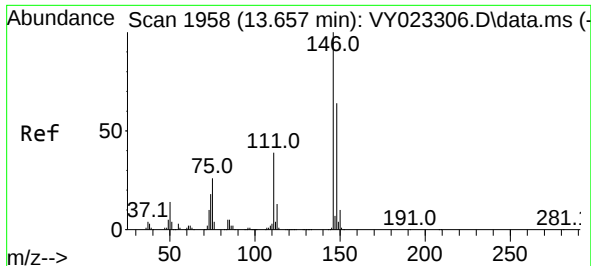
Tgt Ion: 91 Resp: 3232387
Ion Ratio Lower Upper
91 100
92 54.0 26.6 79.8
134 27.9 13.6 40.8



#90
Hexachloroethane
Concen: 144.594 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023308.D
Acq: 08 Sep 2025 12:08

Tgt Ion: 117 Resp: 728785
Ion Ratio Lower Upper
117 100
201 82.9 40.6 121.8





#91

1,2-Dichlorobenzene

Concen: 146.275 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY023308.D

Acq: 08 Sep 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

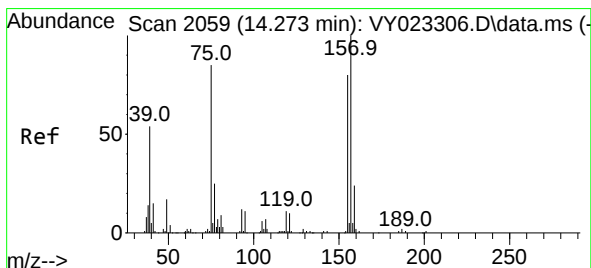
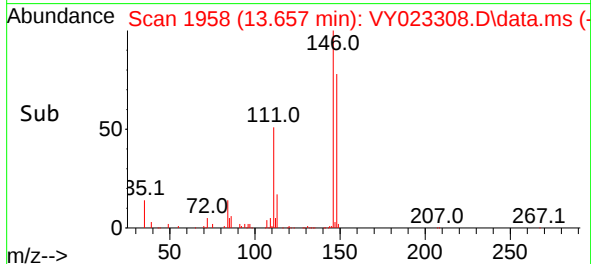
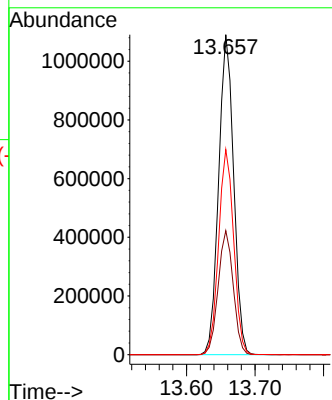
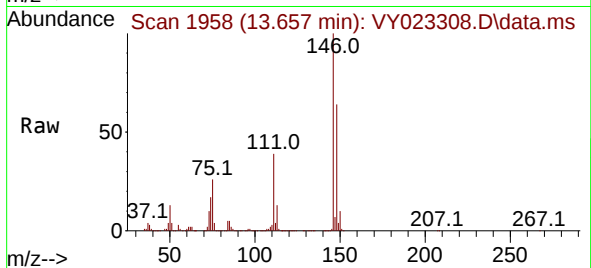
Tgt Ion:146 Resp: 1655736

Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.7

148 64.3 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 141.591 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY023308.D

Acq: 08 Sep 2025 12:08

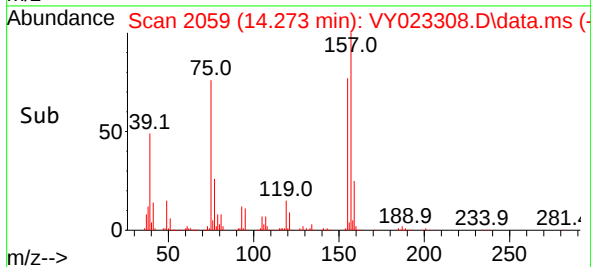
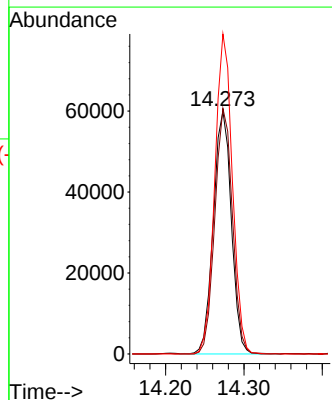
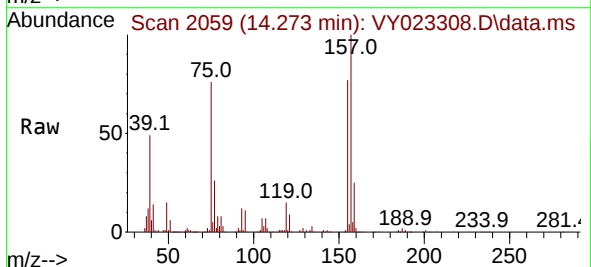
Tgt Ion: 75 Resp: 95751

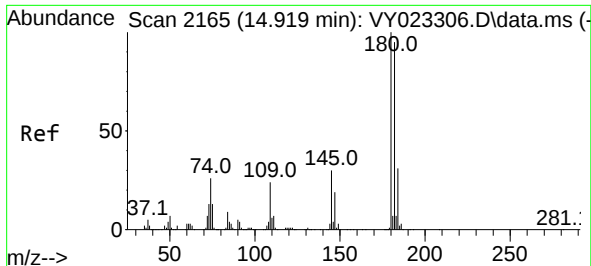
Ion Ratio Lower Upper

75 100

155 99.1 49.0 147.0

157 128.5 62.2 186.6



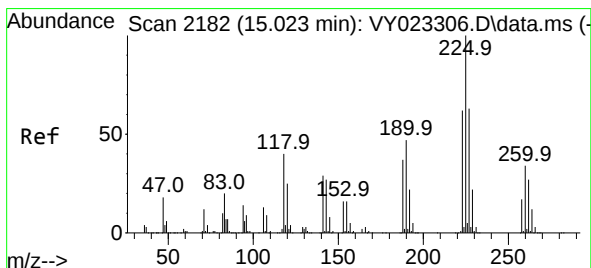
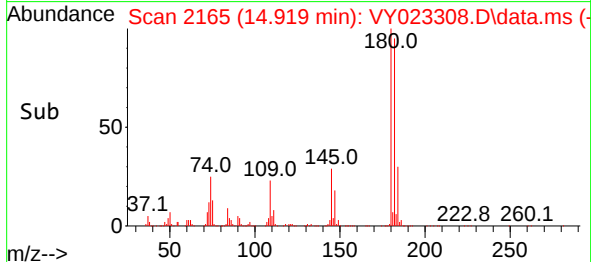
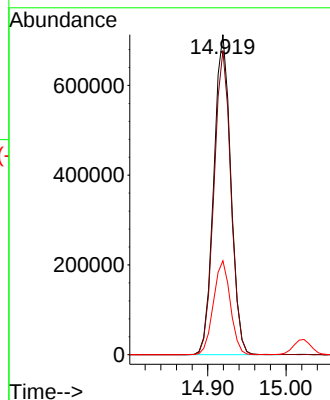
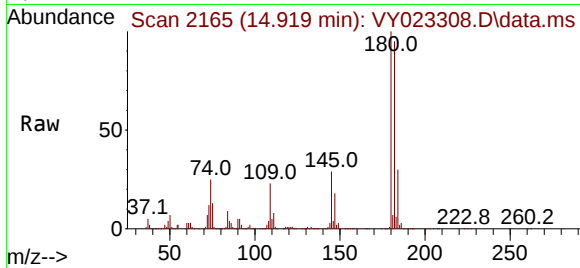


#93
 1,2,4-Trichlorobenzene
 Concen: 162.880 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY023308.D
 Acq: 08 Sep 2025 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 1075435

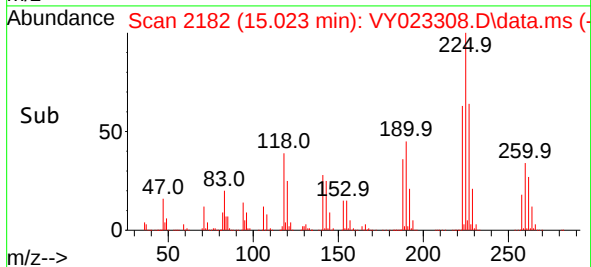
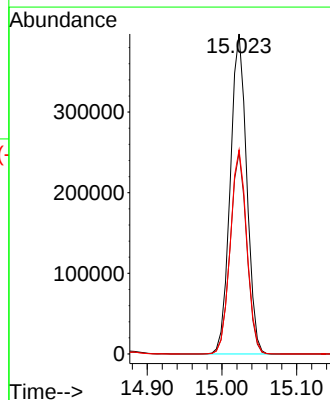
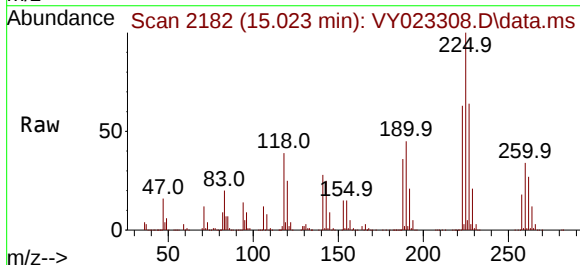
Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.6	142.9
145	29.2	14.9	44.9

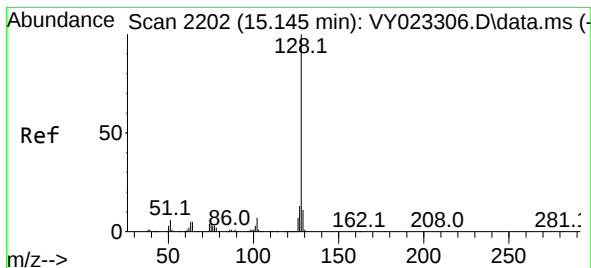


#94
 Hexachlorobutadiene
 Concen: 148.488 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.000 min
 Lab File: VY023308.D
 Acq: 08 Sep 2025 12:08

Tgt Ion:225 Resp: 606180

Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.4	94.2
227	64.3	31.8	95.4





#95

Naphthalene

Concen: 176.612 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY023308.D

Acq: 08 Sep 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

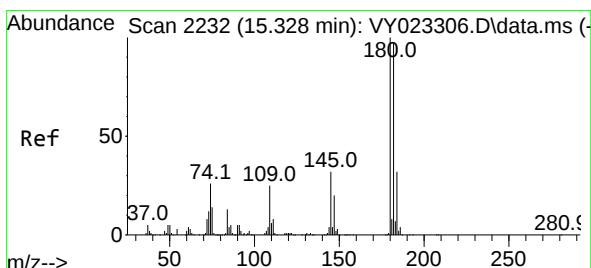
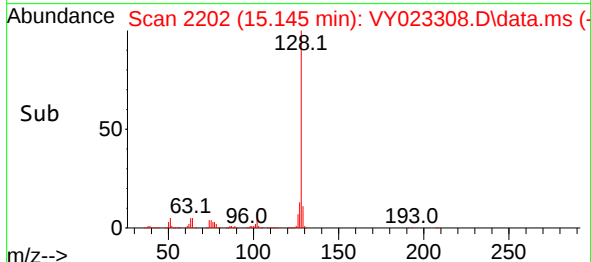
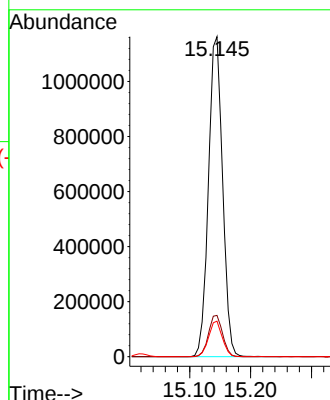
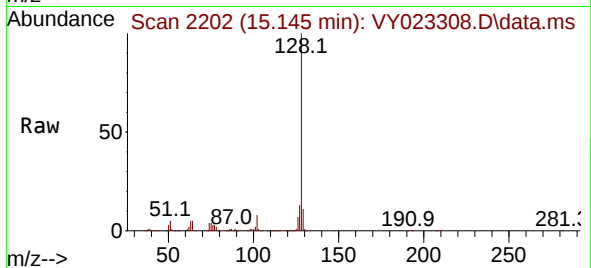
Tgt Ion:128 Resp: 1874286

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 160.529 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023308.D

Acq: 08 Sep 2025 12:08

Tgt Ion:180 Resp: 920503

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.5

145 30.5 15.6 46.8

