

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090825\
 Data File : VY023303.D
 Acq On : 08 Sep 2025 10:00
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 09 01:42:01 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	485110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	759710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	651128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	317206	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	22895	5.371	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.740%#
35) Dibromofluoromethane	7.634	113	22767	4.903	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.800%#
50) Toluene-d8	10.109	98	85176	4.857	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.720%#
62) 4-Bromofluorobenzene	12.407	95	26983	4.890	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.780%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	22839	5.868	ug/l	99
3) Chloromethane	2.074	50	32055	5.756	ug/l	97
4) Vinyl Chloride	2.208	62	38829	5.534	ug/l	96
5) Bromomethane	2.598	94	34392	6.003	ug/l	92
6) Chloroethane	2.738	64	26414	5.563	ug/l	99
7) Trichlorofluoromethane	3.061	101	48037	5.425	ug/l	98
8) Diethyl Ether	3.464	74	11987	5.116	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.817	101	26974	5.664	ug/l	99
10) Methyl Iodide	4.013	142	26719	4.810	ug/l	98
11) Tert butyl alcohol	4.872	59	6381	25.907	ug/l	95
12) 1,1-Dichloroethene	3.793	96	24327	5.310	ug/l	95
13) Acrolein	3.659	56	11073	26.592	ug/l	98
14) Allyl chloride	4.384	41	29424	5.084	ug/l	98
15) Acrylonitrile	5.067	53	23553	25.535	ug/l	98
16) Acetone	3.872	43	27095	27.905	ug/l	93
17) Carbon Disulfide	4.116	76	79684	5.494	ug/l	97
18) Methyl Acetate	4.391	43	12350	5.185	ug/l	95
19) Methyl tert-butyl Ether	5.128	73	51921	4.820	ug/l	96
20) Methylene Chloride	4.622	84	31712	6.104	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	26940	5.263	ug/l	97
22) Diisopropyl ether	6.024	45	61723	4.789	ug/l #	88
23) Vinyl Acetate	5.969	43	166297	23.340	ug/l	99
24) 1,1-Dichloroethane	5.921	63	44525	5.282	ug/l	99
25) 2-Butanone	6.902	43	29940	25.053	ug/l	96
26) 2,2-Dichloropropane	6.884	77	39303	5.280	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	28852	4.978	ug/l	98
28) Bromochloromethane	7.250	49	18229	5.496	ug/l	95
29) Tetrahydrofuran	7.268	42	17491	24.676	ug/l	98
30) Chloroform	7.427	83	48232	5.325	ug/l	96
31) Cyclohexane	7.701	56	42784	5.735	ug/l #	81
32) 1,1,1-Trichloroethane	7.622	97	42921	5.304	ug/l	98
36) 1,1-Dichloropropene	7.835	75	34125	5.159	ug/l	97
37) Ethyl Acetate	6.988	43	13098	4.978	ug/l	97
38) Carbon Tetrachloride	7.823	117	39006	5.125	ug/l	97
39) Methylcyclohexane	9.109	83	40211	4.752	ug/l	93
40) Benzene	8.085	78	104834	5.099	ug/l	100

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 ClientSampleId :
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.268	41	18026	12.331	ug/l #	78
42) 1,2-Dichloroethane	8.164	62	27126	5.182	ug/l	100
43) Isopropyl Acetate	8.201	43	24681	4.823	ug/l	98
44) Trichloroethene	8.865	130	29378	5.130	ug/l	96
45) 1,2-Dichloropropane	9.146	63	23746	5.114	ug/l	98
46) Dibromomethane	9.231	93	14718	5.205	ug/l	99
47) Bromodichloromethane	9.426	83	36199	5.089	ug/l	100
48) Methyl methacrylate	9.225	41	10495	4.400	ug/l	89
49) 1,4-Dioxane	9.237	88	2727	95.009	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	59396	22.687	ug/l	96
52) Toluene	10.170	92	60289	4.621	ug/l	96
53) t-1,3-Dichloropropene	10.396	75	28448	4.645	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	34169	4.669	ug/l	95
55) 1,1,2-Trichloroethane	10.572	97	19023	5.058	ug/l	96
56) Ethyl methacrylate	10.444	69	18369	4.215	ug/l	98
57) 1,3-Dichloropropane	10.719	76	30302	4.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	35646	18.769	ug/l	99
59) 2-Hexanone	10.761	43	40146	22.182	ug/l	98
60) Dibromochloromethane	10.914	129	25353	4.968	ug/l	97
61) 1,2-Dibromoethane	11.017	107	17594	4.992	ug/l	98
64) Tetrachloroethene	10.645	164	34772	5.358	ug/l	97
65) Chlorobenzene	11.444	112	72445	5.079	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	25464	5.086	ug/l	98
67) Ethyl Benzene	11.517	91	108359	4.650	ug/l	100
68) m/p-Xylenes	11.627	106	85257	9.136	ug/l	99
69) o-Xylene	11.956	106	38252	4.428	ug/l	100
70) Styrene	11.968	104	60260	4.209	ug/l	96
71) Bromoform	12.133	173	15125	5.073	ug/l #	94
73) Isopropylbenzene	12.255	105	98704	4.619	ug/l	99
74) N-amyl acetate	12.072	43	17784	4.403	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	17902	4.992	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	24591	7.007	ug/l #	100
77) Bromobenzene	12.535	156	27224	4.987	ug/l	99
78) n-propylbenzene	12.596	91	116336	4.620	ug/l	99
79) 2-Chlorotoluene	12.676	91	69356	4.782	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	78164	4.498	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	5743	4.876	ug/l	97
82) 4-Chlorotoluene	12.779	91	73664	4.854	ug/l	100
83) tert-Butylbenzene	12.999	119	73753	4.686	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	75474	4.390	ug/l	97
85) sec-Butylbenzene	13.176	105	105361	4.601	ug/l	100
86) p-Isopropyltoluene	13.291	119	85119	4.400	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	54298	5.027	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	56300	5.262	ug/l	95
89) n-Butylbenzene	13.614	91	78467	4.574	ug/l	96
90) Hexachloroethane	13.877	117	22151	5.282	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	47837	5.079	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	3031	5.387	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	24947	4.541	ug/l	99
94) Hexachlorobutadiene	15.023	225	17507	5.154	ug/l	99
95) Naphthalene	15.145	128	35060	3.970	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	22103	4.633	ug/l	98

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

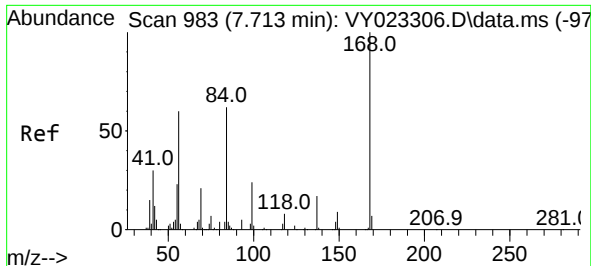
Quant Time: Sep 09 01:42:01 2025
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Quant Title : SW846 8260
QLast Update : Tue Sep 09 01:40:33 2025
Response via : Initial Calibration

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

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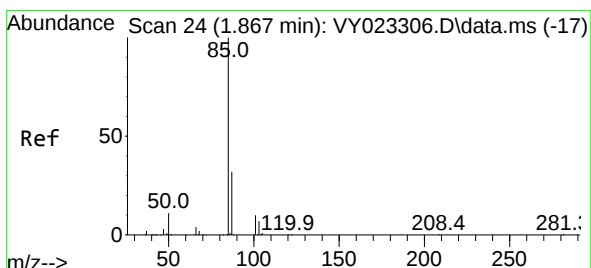
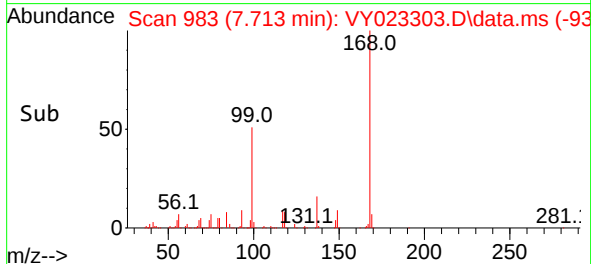
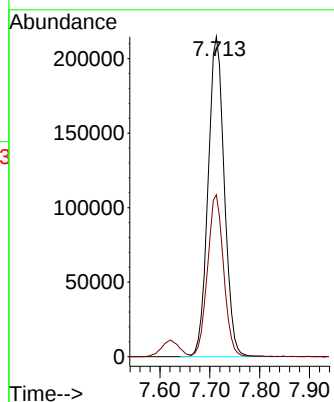
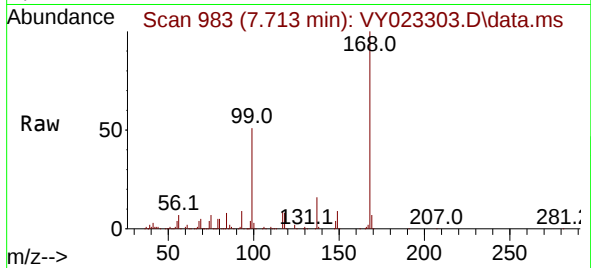




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

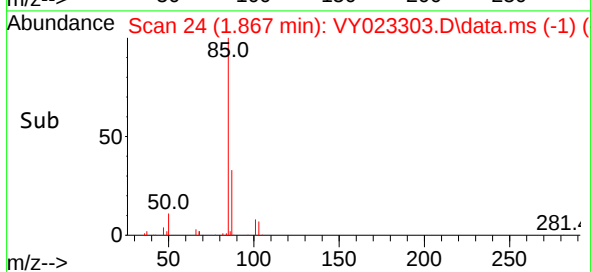
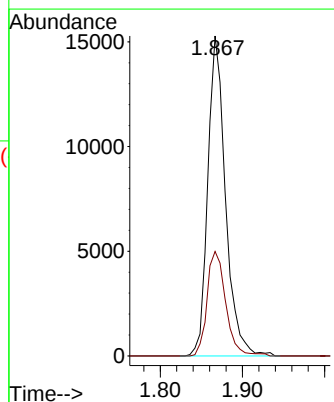
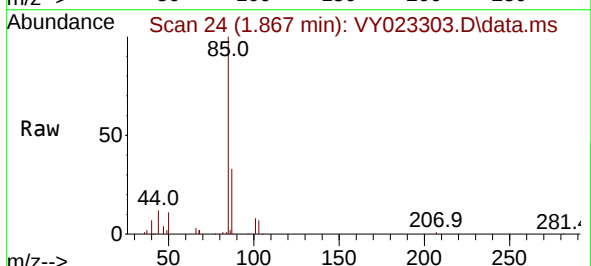
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

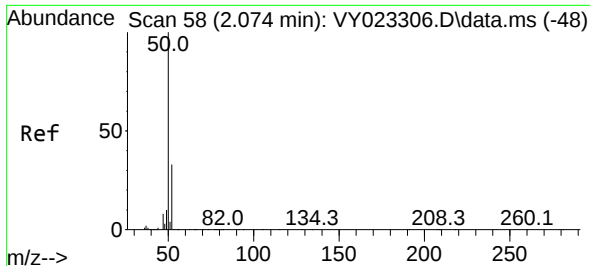
Tgt Ion:168 Resp: 485110
Ion Ratio Lower Upper
168 100
99 50.5 40.4 60.6



#2
Dichlorodifluoromethane
Concen: 5.868 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion: 85 Resp: 22839
Ion Ratio Lower Upper
85 100
87 32.6 15.9 47.7

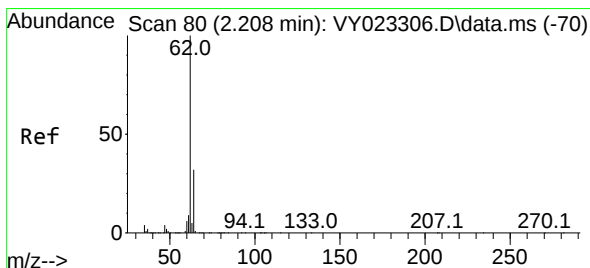
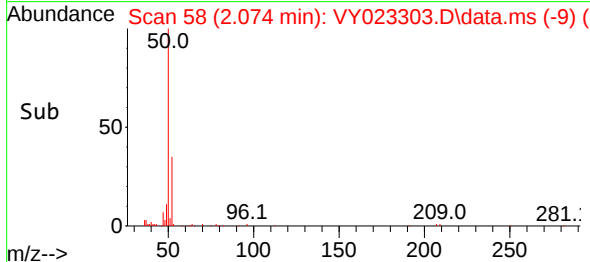
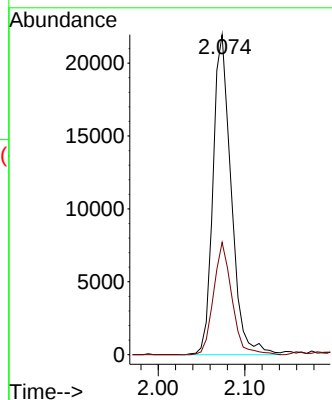
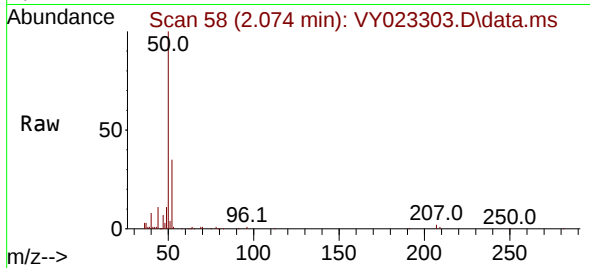




#3
Chloromethane
Concen: 5.756 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

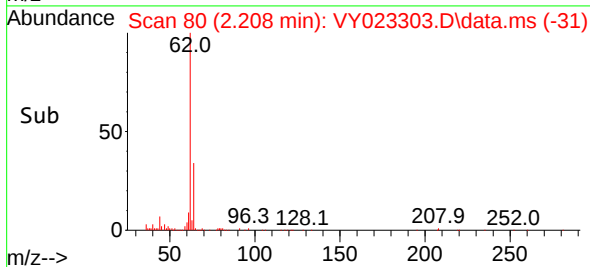
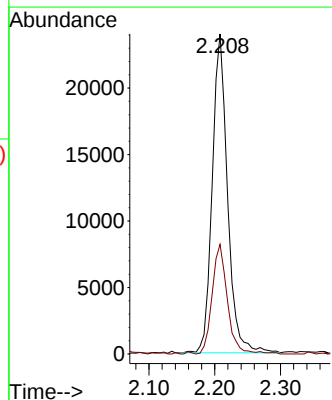
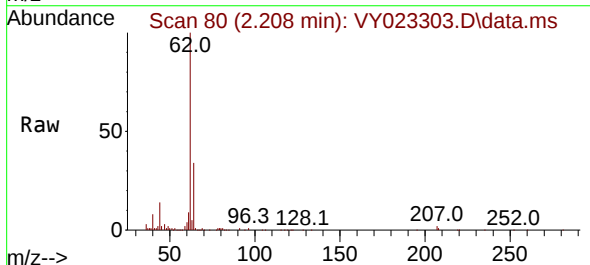
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

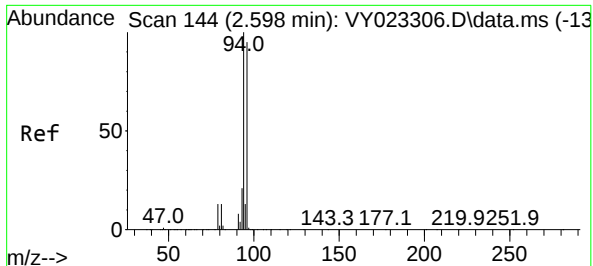
Tgt Ion: 50 Resp: 32055
Ion Ratio Lower Upper
50 100
52 35.1 26.6 39.8



#4
Vinyl Chloride
Concen: 5.534 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion: 62 Resp: 38829
Ion Ratio Lower Upper
62 100
64 34.4 25.8 38.8

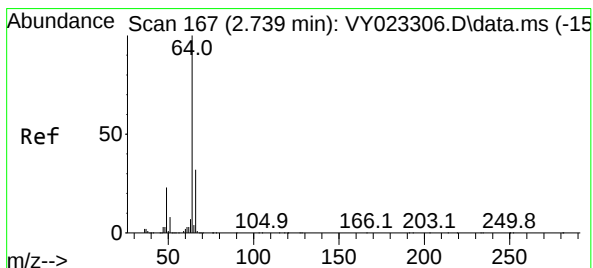
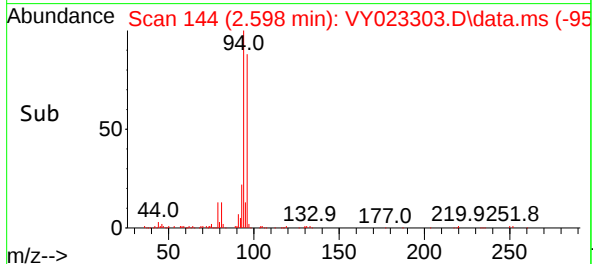
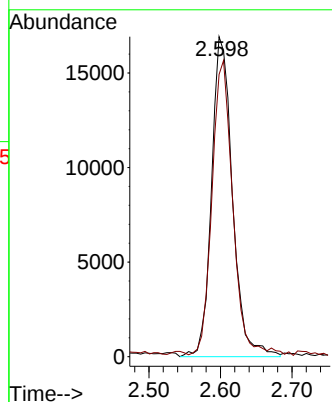
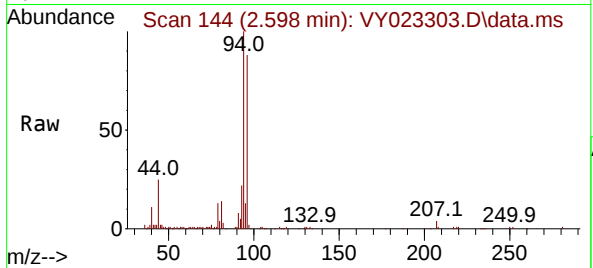




#5
Bromomethane
Concen: 6.003 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

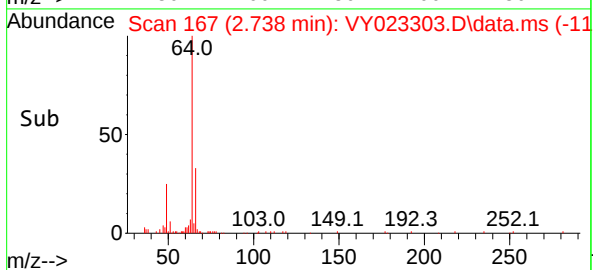
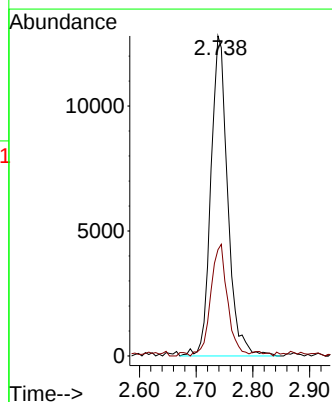
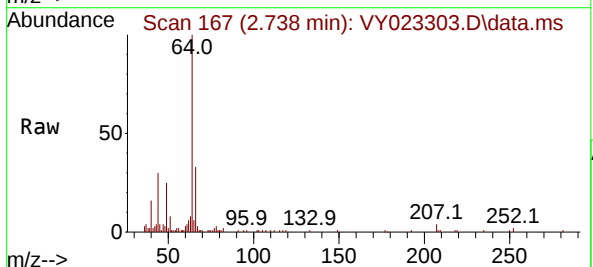
Instrument :
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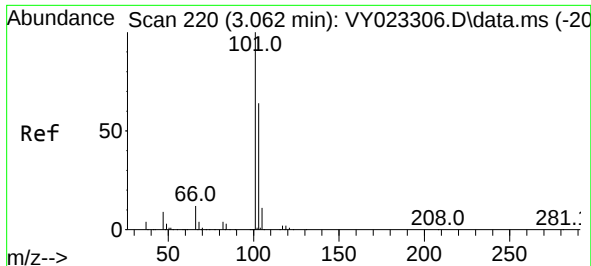
Tgt Ion: 94 Resp: 34392
Ion Ratio Lower Upper
94 100
96 86.5 75.7 113.5



#6
Chloroethane
Concen: 5.563 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion: 64 Resp: 26414
Ion Ratio Lower Upper
64 100
66 32.6 25.8 38.8

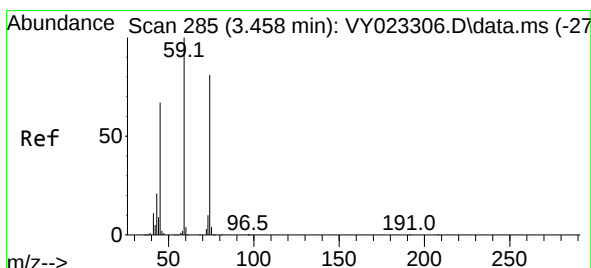
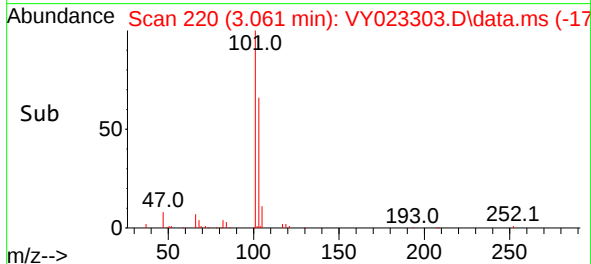
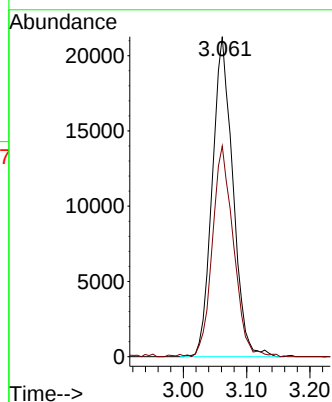
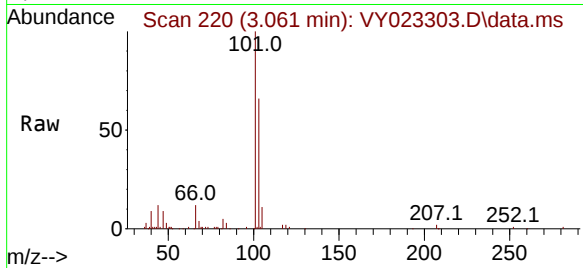




#7
 Trichlorofluoromethane
 Concen: 5.425 ug/l
 RT: 3.061 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY023303.D
 Acq: 08 Sep 2025 10:00

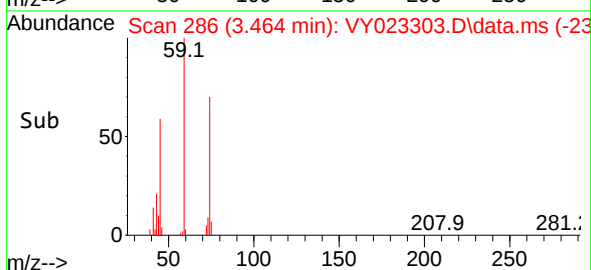
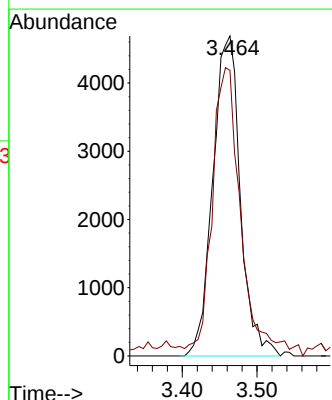
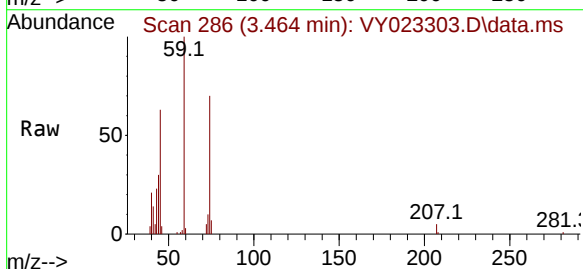
Instrument :
 MSVOA_Y
 ClientSampleId :
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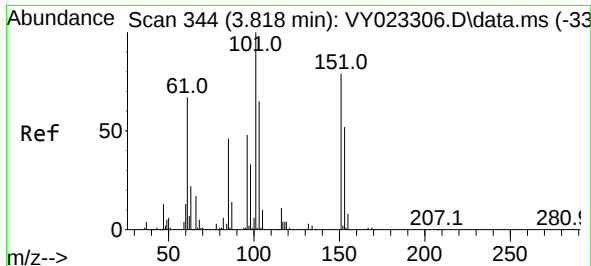
Tgt Ion:101 Resp: 48037
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.4 77.2



#8
 Diethyl Ether
 Concen: 5.116 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.006 min
 Lab File: VY023303.D
 Acq: 08 Sep 2025 10:00

Tgt Ion: 74 Resp: 11987
 Ion Ratio Lower Upper
 74 100
 45 94.6 41.4 124.4

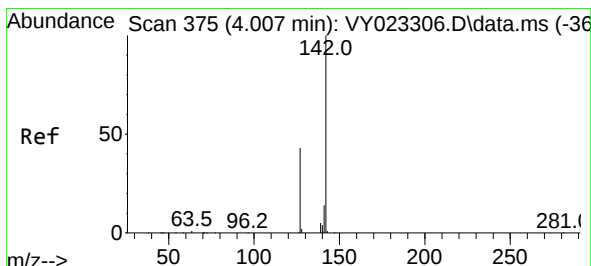
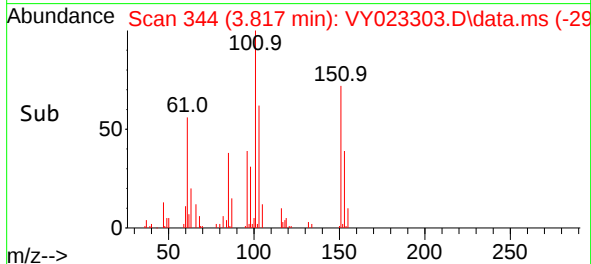
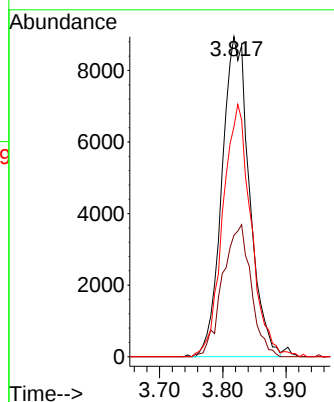
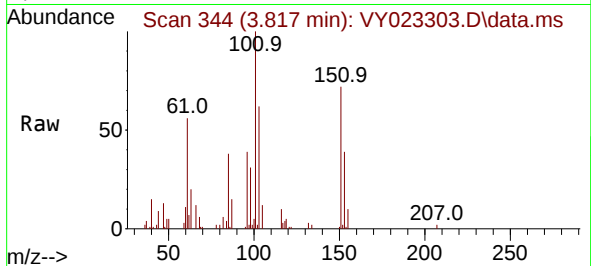




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.664 ug/l
RT: 3.817 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

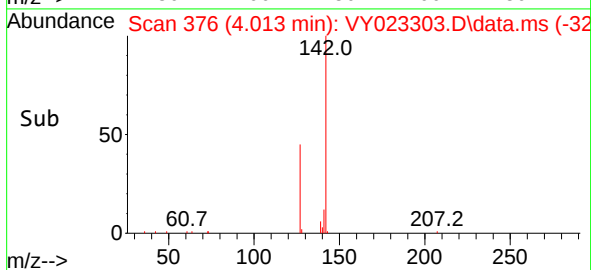
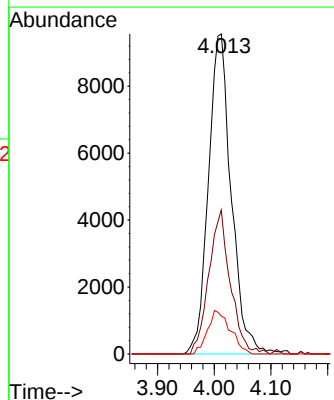
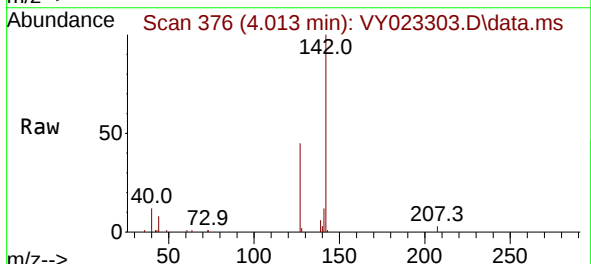
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

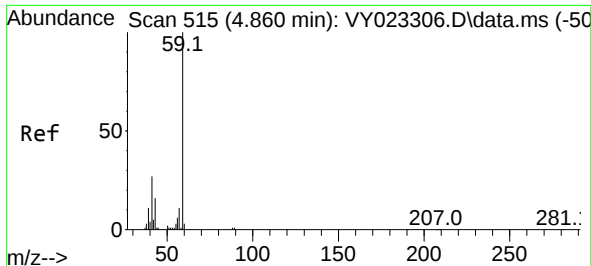
Tgt Ion:101 Resp: 26974
Ion Ratio Lower Upper
101 100
85 42.7 35.4 53.2
151 81.0 64.2 96.4



#10
Methyl Iodide
Concen: 4.810 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion:142 Resp: 26719
Ion Ratio Lower Upper
142 100
127 42.5 35.0 52.6
141 13.6 11.4 17.2

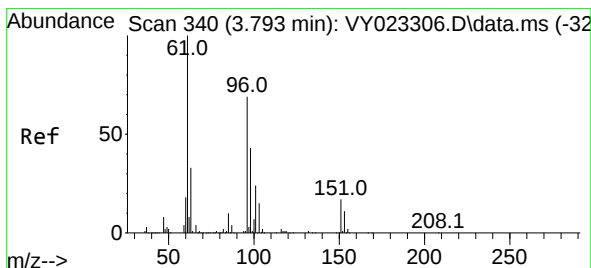
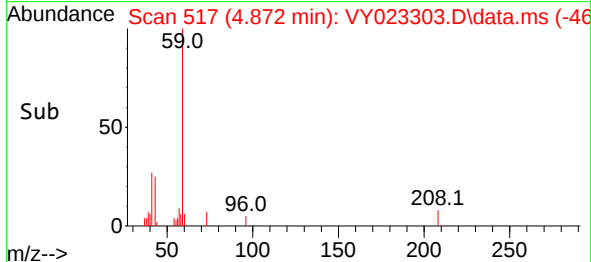
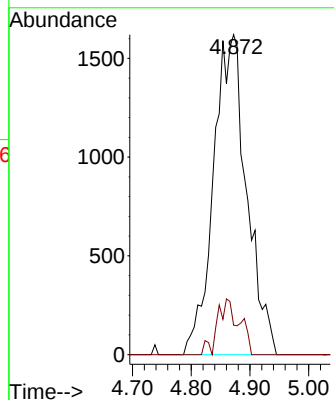
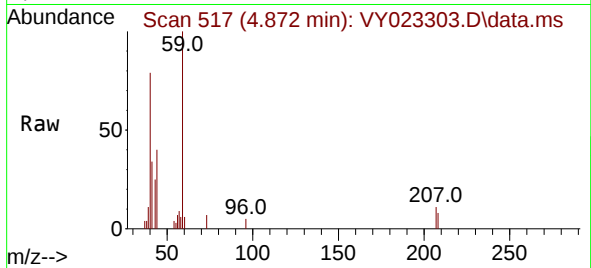




#11
Tert butyl alcohol
Concen: 25.907 ug/l
RT: 4.872 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

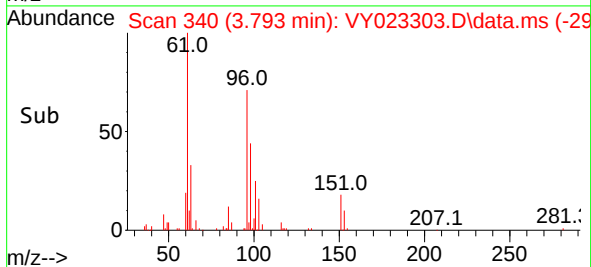
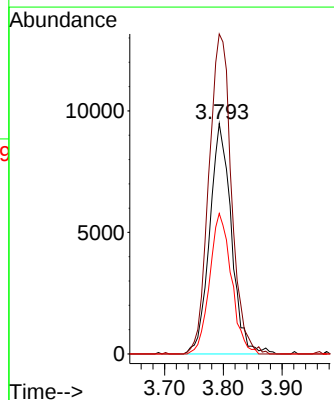
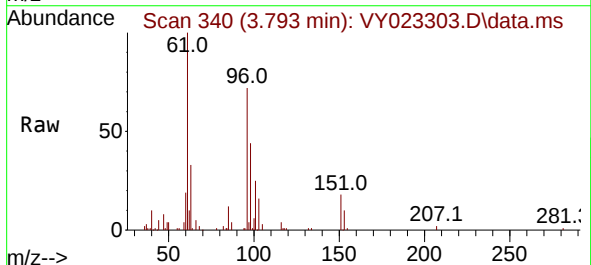
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

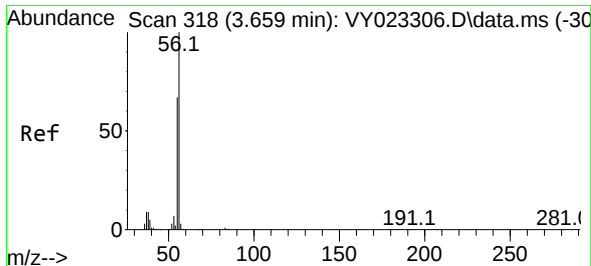
Tgt Ion: 59 Resp: 6381
Ion Ratio Lower Upper
59 100
57 8.9 8.6 13.0



#12
1,1-Dichloroethene
Concen: 5.310 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion: 96 Resp: 24327
Ion Ratio Lower Upper
96 100
61 138.9 116.6 174.8
98 60.9 50.5 75.7

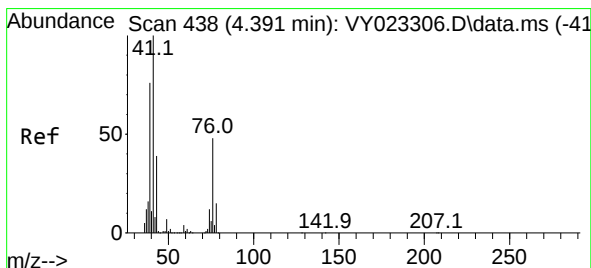
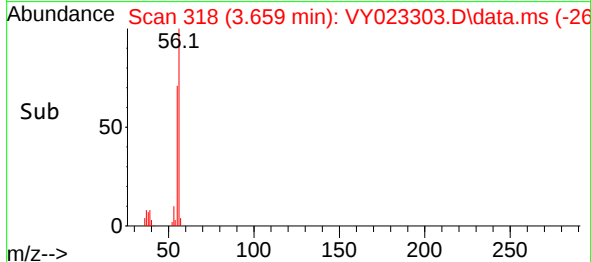
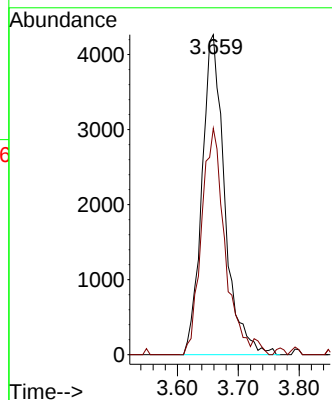
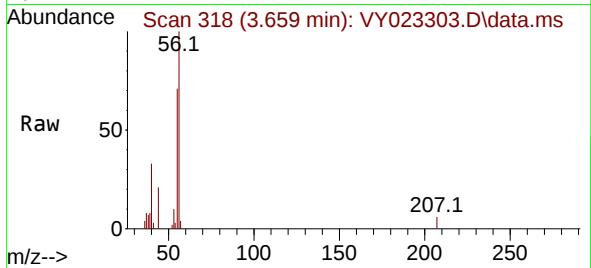




#13
Acrolein
Concen: 26.592 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

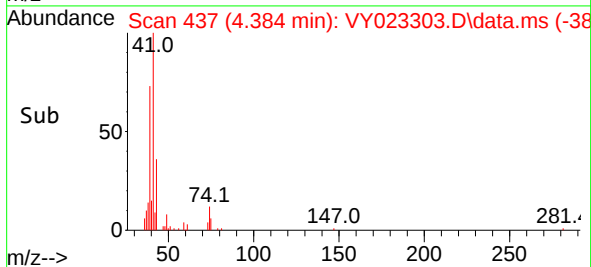
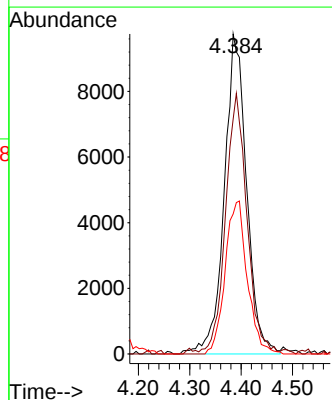
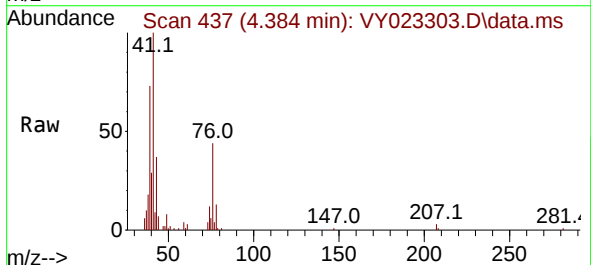
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

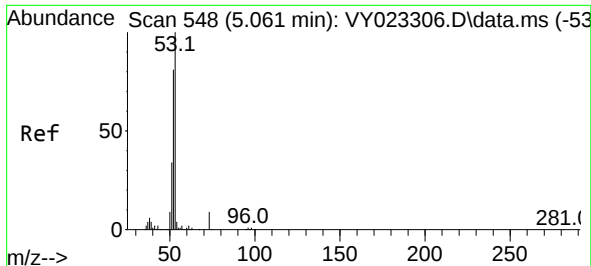
Tgt Ion: 56 Resp: 11073
Ion Ratio Lower Upper
56 100
55 71.8 56.1 84.1



#14
Allyl chloride
Concen: 5.084 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion: 41 Resp: 29424
Ion Ratio Lower Upper
41 100
39 76.0 59.8 89.6
76 47.4 36.6 55.0

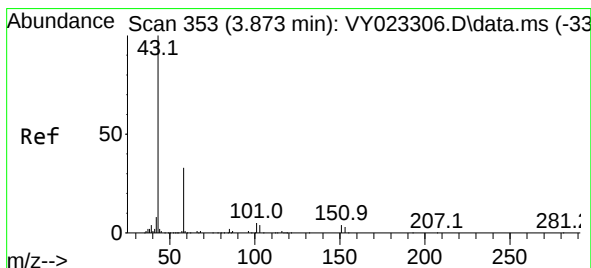
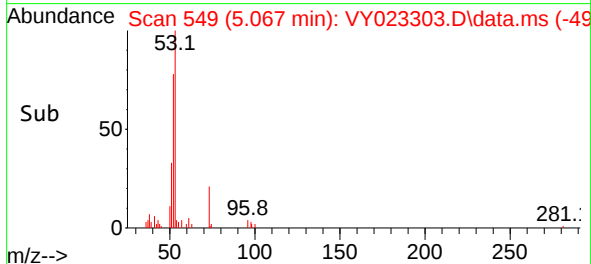
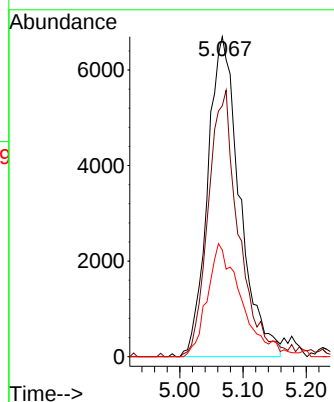
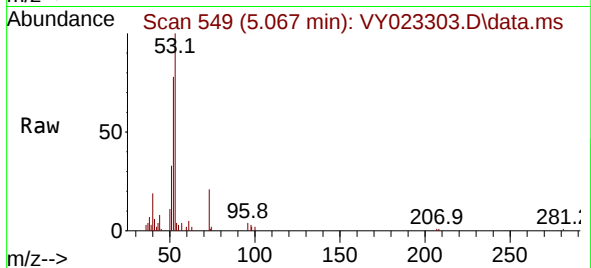




#15
Acrylonitrile
Concen: 25.535 ug/l
RT: 5.067 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

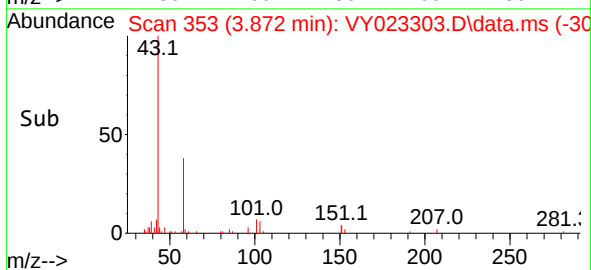
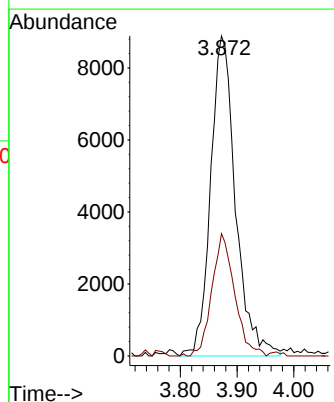
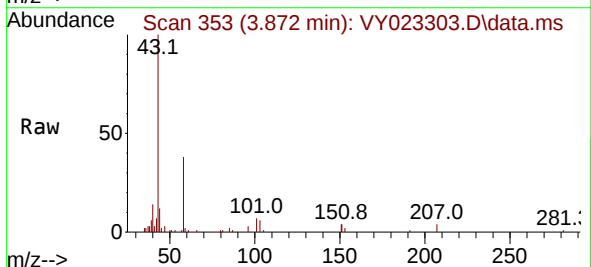
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

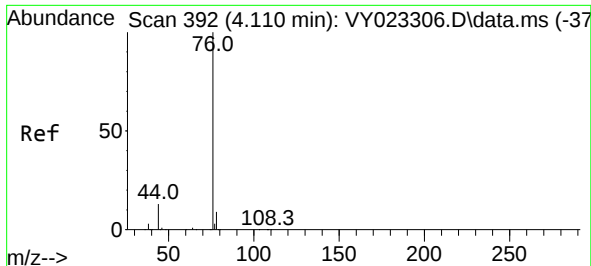
Tgt Ion: 53	Resp: 23553
Ion Ratio	Lower Upper
53 100	
52 79.0	64.2 96.4
51 37.9	29.0 43.6



#16
Acetone
Concen: 27.905 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion: 43	Resp: 27095		
Ion Ratio	Lower	Upper	
43 100			
58 38.2	27.2	40.8	

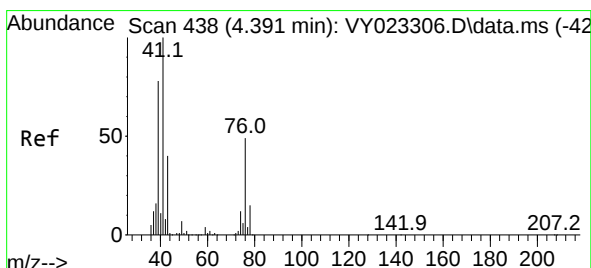
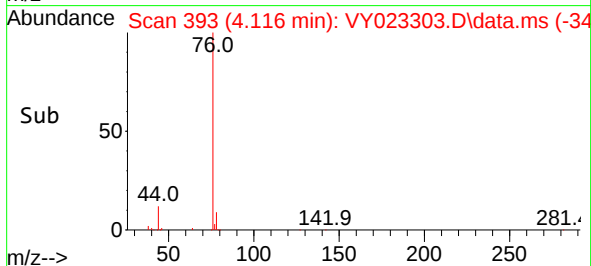
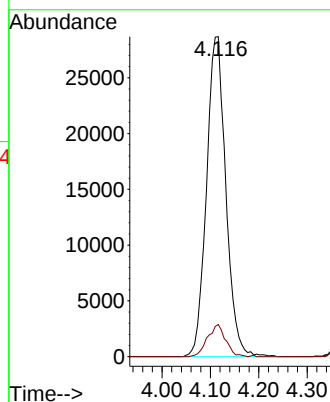
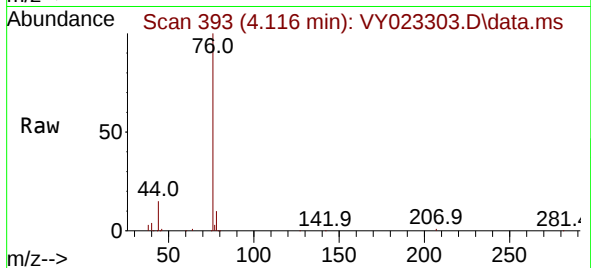




#17
Carbon Disulfide
Concen: 5.494 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

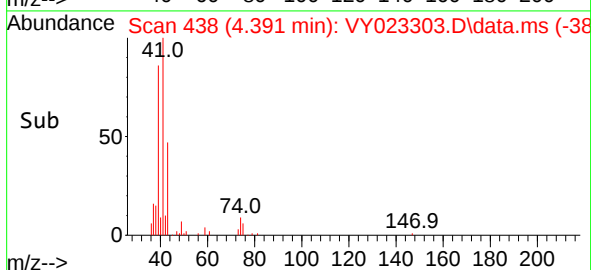
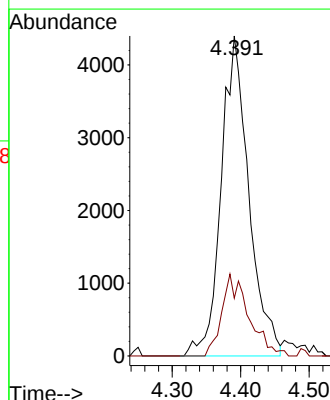
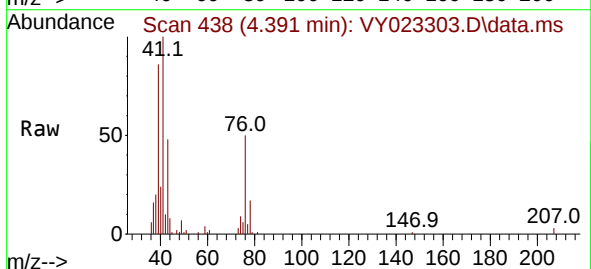
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

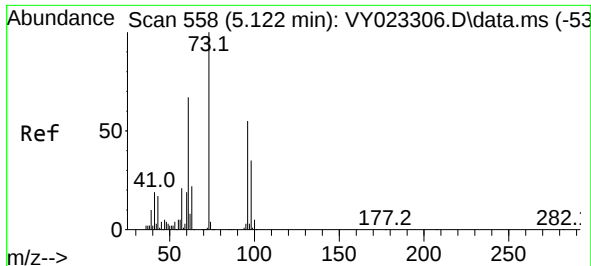
Tgt Ion: 76 Resp: 79684
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8



#18
Methyl Acetate
Concen: 5.185 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion: 43 Resp: 12350
Ion Ratio Lower Upper
43 100
74 24.8 22.2 33.2





#19

Methyl tert-butyl Ether

Concen: 4.820 ug/l

RT: 5.128 min Scan# 519

Delta R.T. 0.006 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

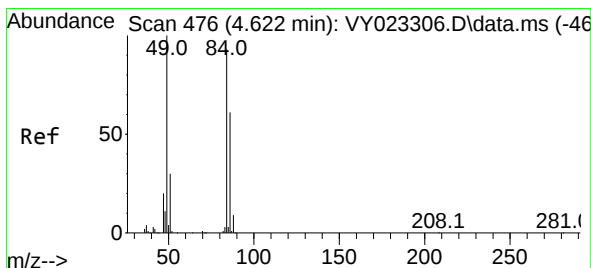
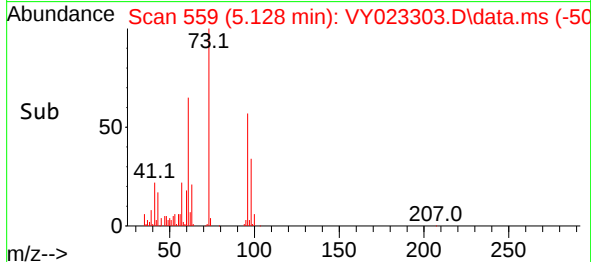
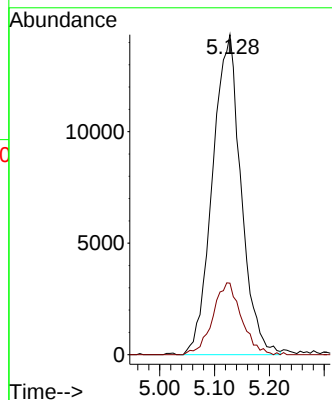
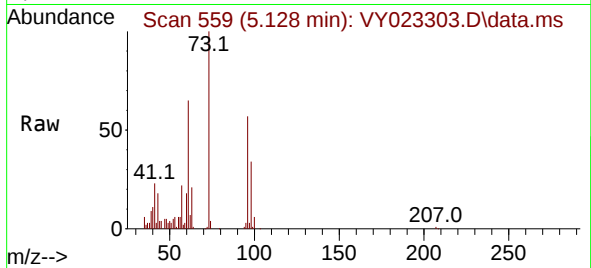
VSTDICC005

Tgt Ion: 73 Resp: 51921

Ion Ratio Lower Upper

73 100

57 22.3 16.6 24.8



#20

Methylene Chloride

Concen: 6.104 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.000 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

Tgt Ion: 84 Resp: 31712

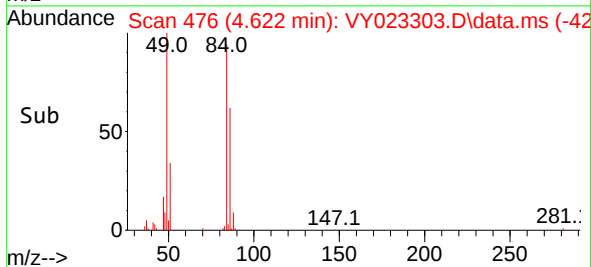
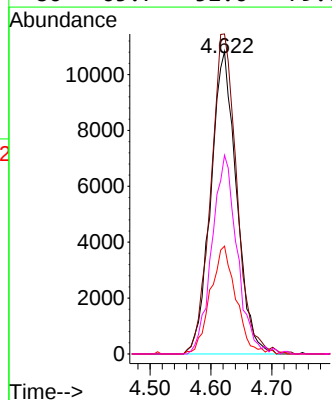
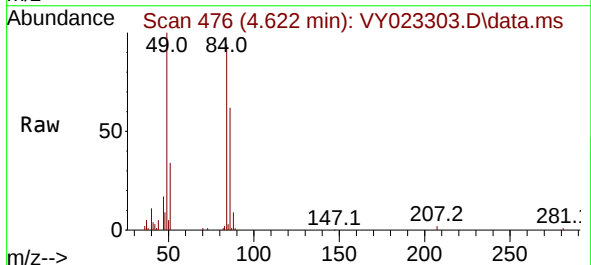
Ion Ratio Lower Upper

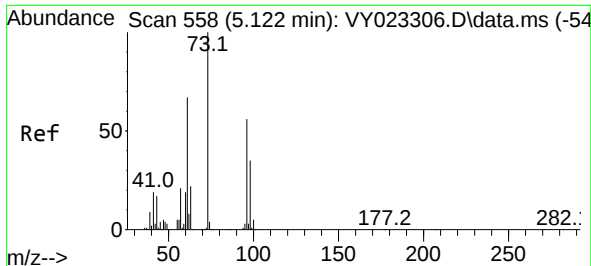
84 100

49 105.8 86.4 129.6

51 35.6 25.9 38.9

86 65.7 52.6 79.0

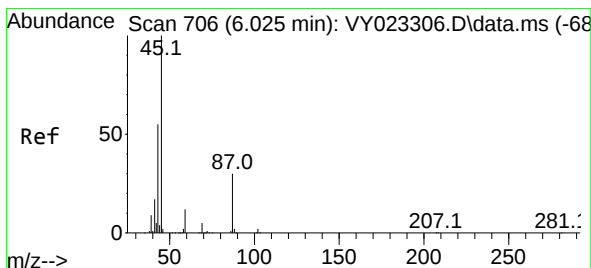
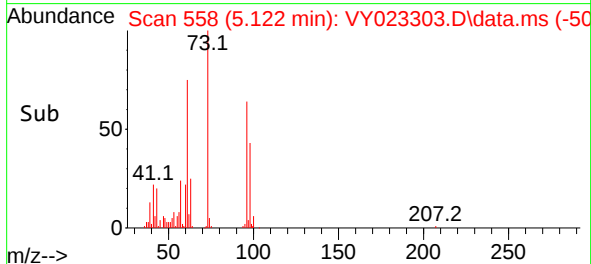
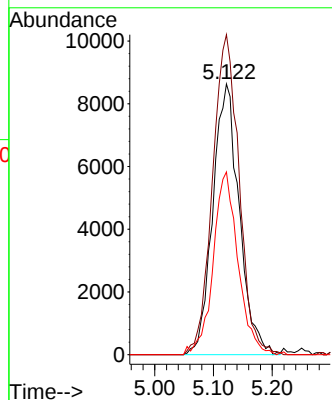
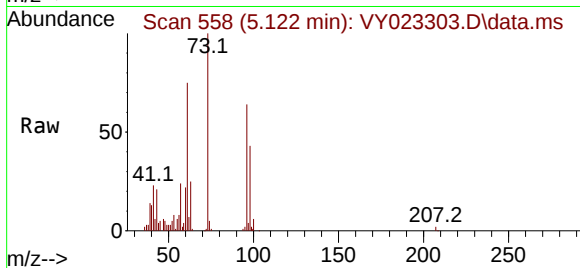




#21
trans-1,2-Dichloroethene
Concen: 5.263 ug/l
RT: 5.122 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

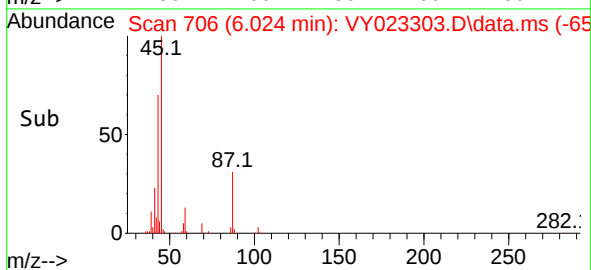
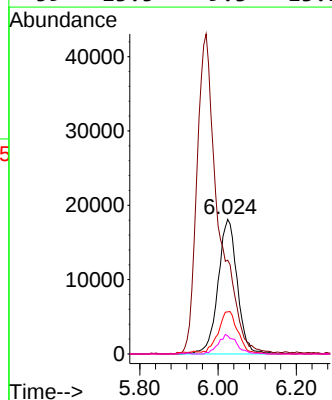
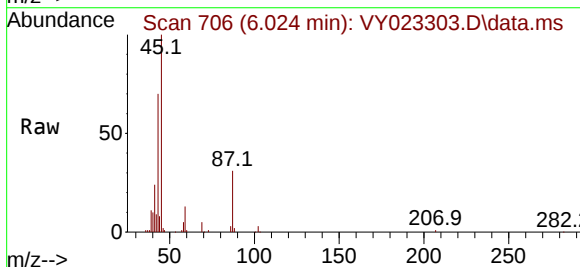
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

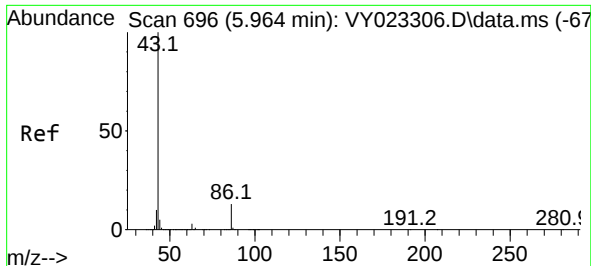
Tgt Ion: 96 Resp: 26940
Ion Ratio Lower Upper
96 100
61 118.2 96.6 144.8
98 67.5 50.6 76.0



#22
Diisopropyl ether
Concen: 4.789 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion: 45 Resp: 61723
Ion Ratio Lower Upper
45 100
43 68.7 43.8 65.6#
87 31.3 24.1 36.1
59 13.5 9.3 13.9

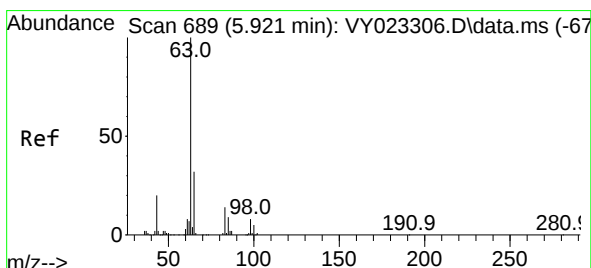
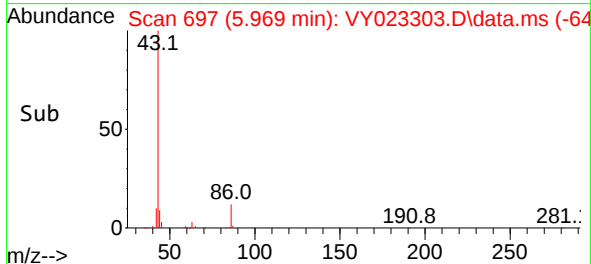
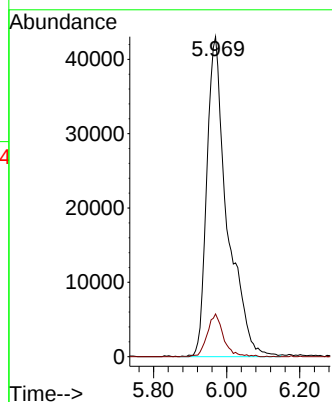
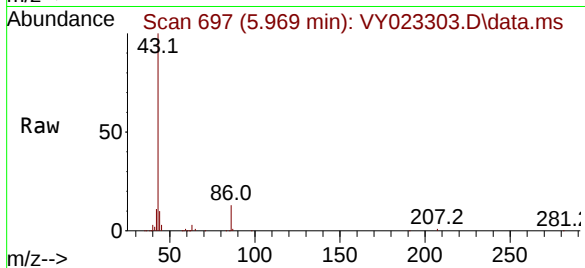




#23
 Vinyl Acetate
 Concen: 23.340 ug/l
 RT: 5.969 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY023303.D
 Acq: 08 Sep 2025 10:00

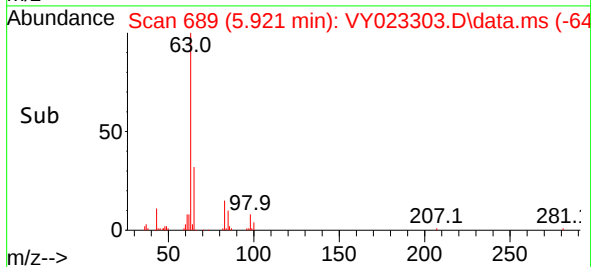
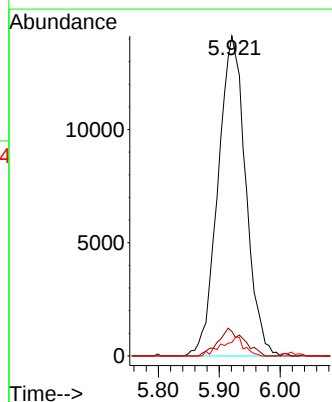
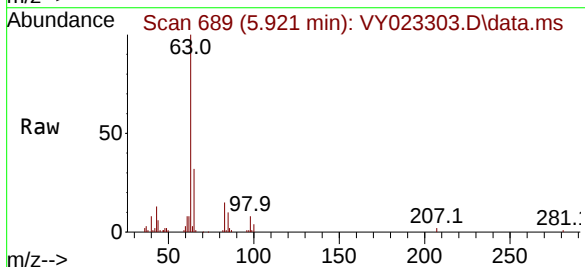
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

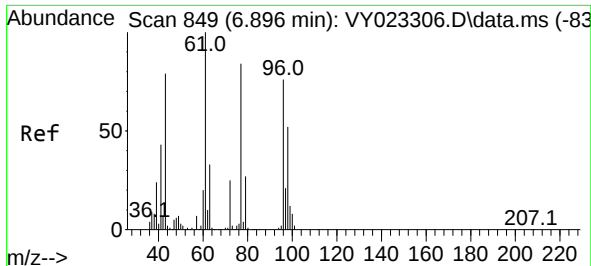
Tgt Ion: 43 Resp: 166297
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.4 15.6



#24
 1,1-Dichloroethane
 Concen: 5.282 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY023303.D
 Acq: 08 Sep 2025 10:00

Tgt Ion: 63 Resp: 44525
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.5
 100 4.2 2.3 6.9

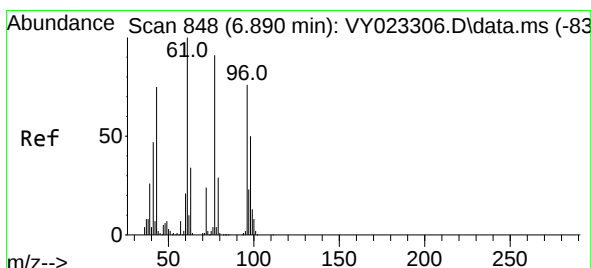
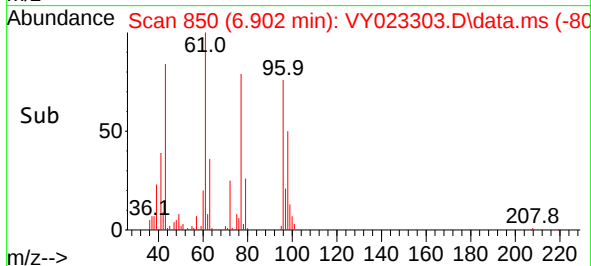
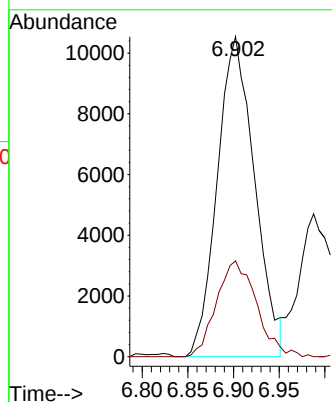
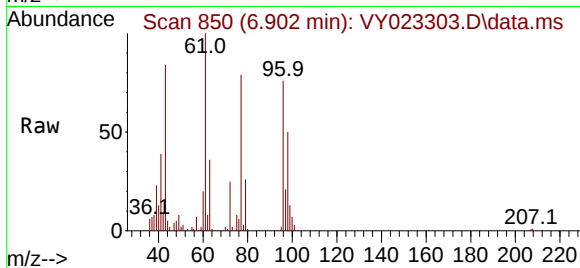




#25
2-Butanone
Concen: 25.053 ug/l
RT: 6.902 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

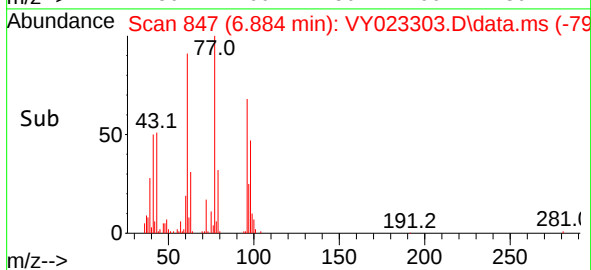
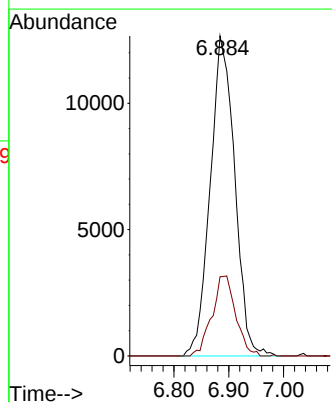
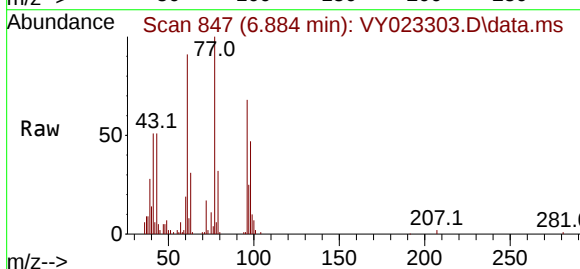
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

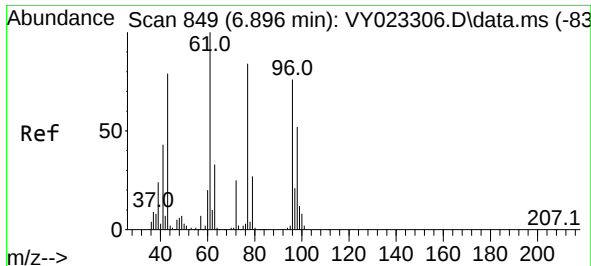
Tgt Ion: 43 Resp: 29940
Ion Ratio Lower Upper
43 100
72 29.9 25.7 38.5



#26
2,2-Dichloropropane
Concen: 5.280 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion: 77 Resp: 39303
Ion Ratio Lower Upper
77 100
97 24.2 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 4.978 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

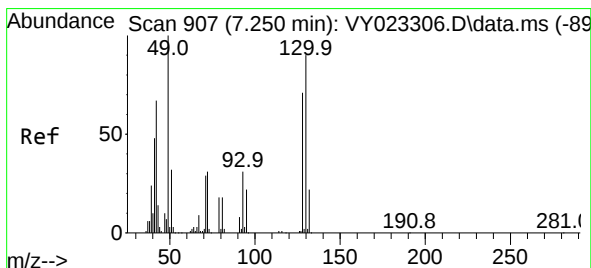
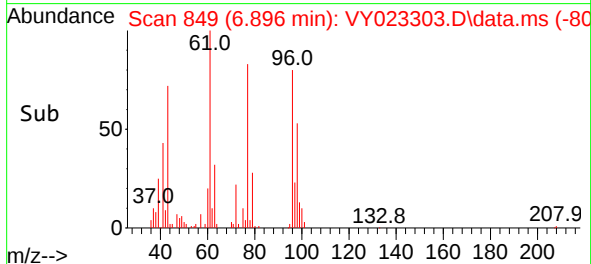
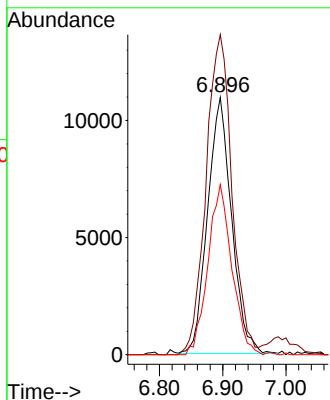
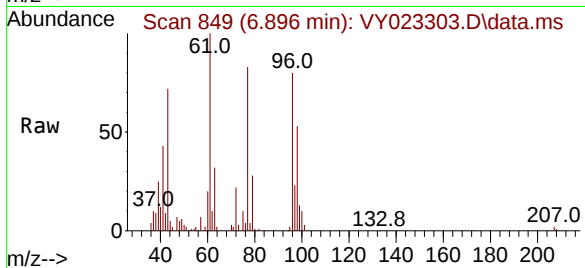
Tgt Ion: 96 Resp: 28852

Ion Ratio Lower Upper

96 100

61 135.0 0.0 264.0

98 66.1 0.0 130.6



#28

Bromochloromethane

Concen: 5.496 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

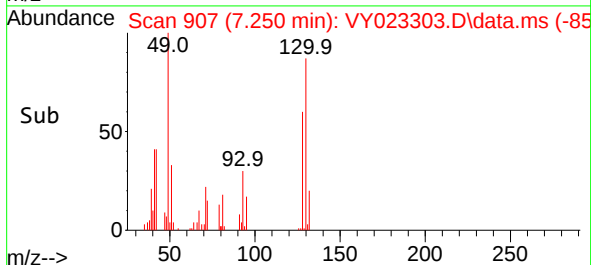
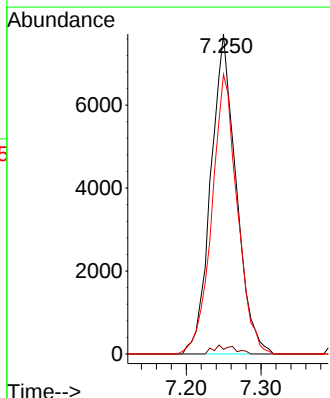
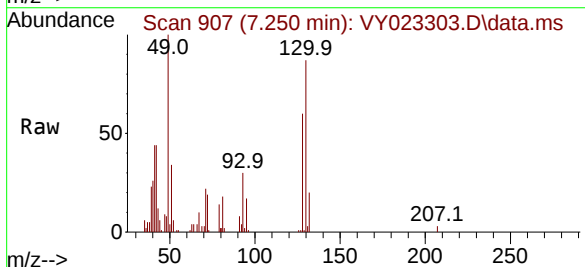
Tgt Ion: 49 Resp: 18229

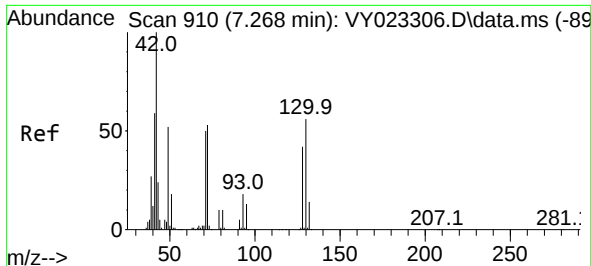
Ion Ratio Lower Upper

49 100

129 2.2 0.0 5.0

130 87.7 74.3 111.5





#29

Tetrahydrofuran

Concen: 24.676 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

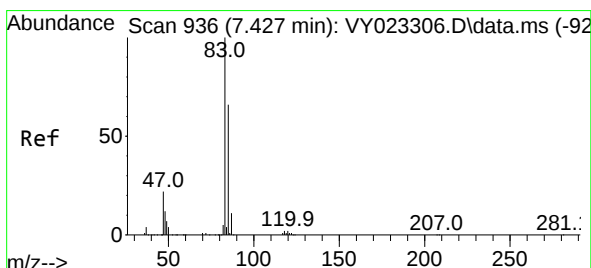
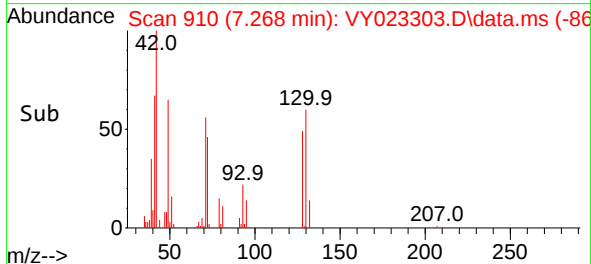
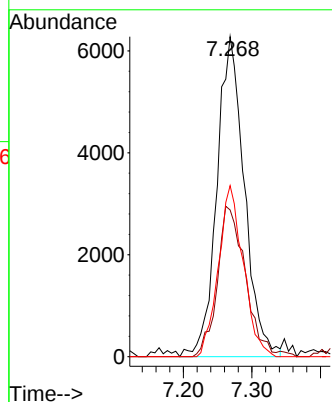
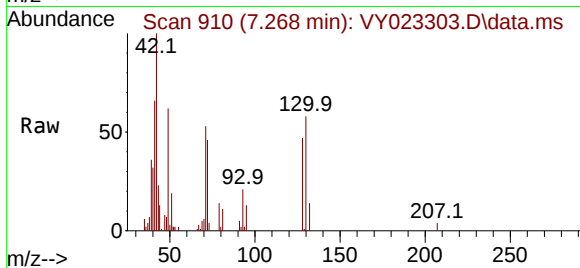
Tgt Ion: 42 Resp: 17491

Ion Ratio Lower Upper

42 100

72 47.5 40.4 60.6

71 48.3 38.5 57.7



#30

Chloroform

Concen: 5.325 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY023303.D

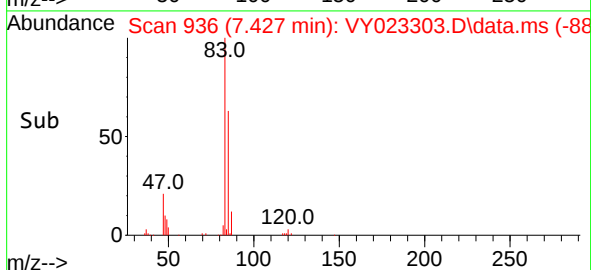
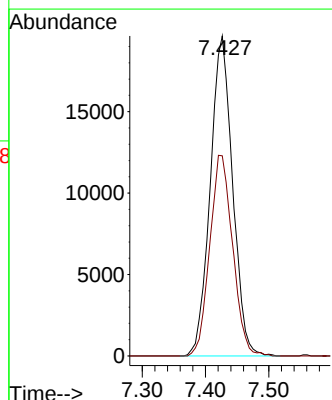
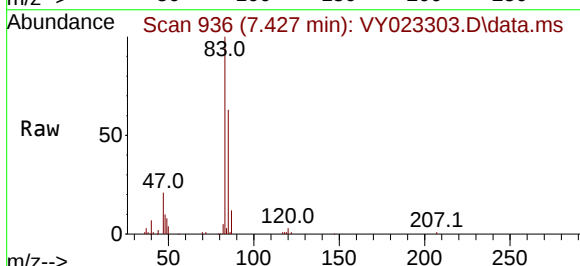
Acq: 08 Sep 2025 10:00

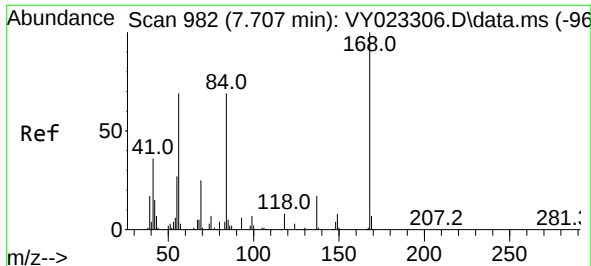
Tgt Ion: 83 Resp: 48232

Ion Ratio Lower Upper

83 100

85 62.6 52.4 78.6

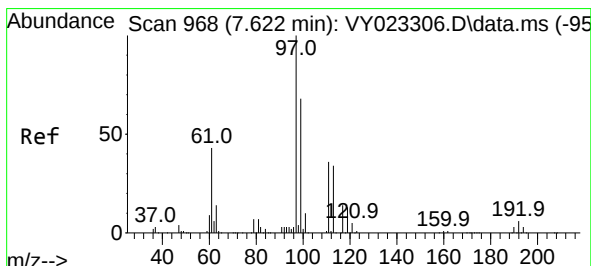
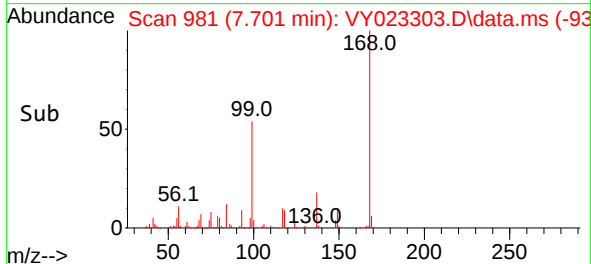
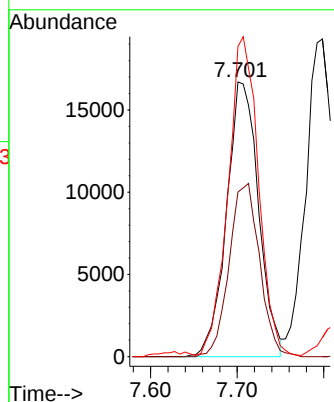
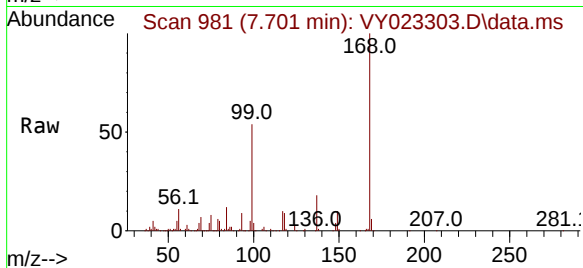




#31
Cyclohexane
Concen: 5.735 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

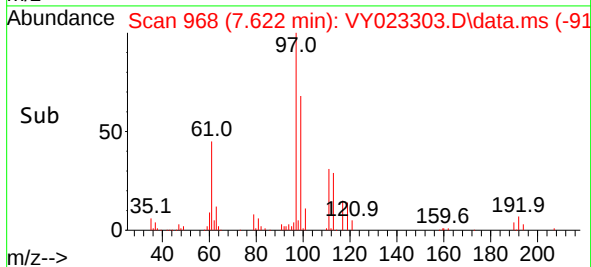
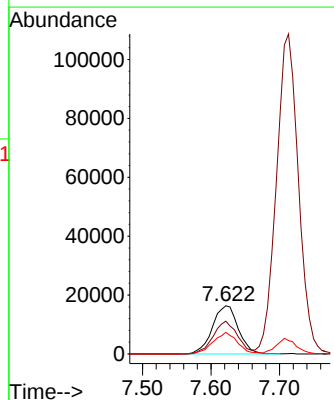
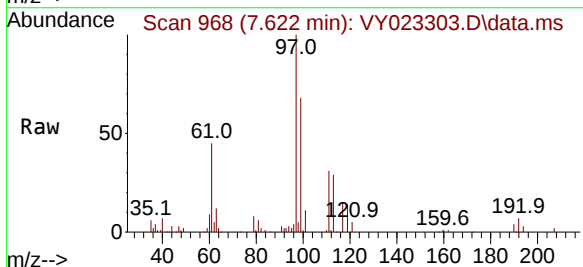
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

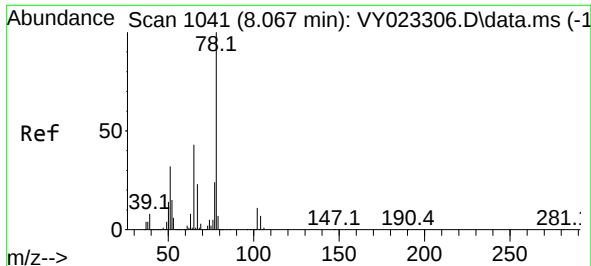
Tgt Ion: 56 Resp: 42784
Ion Ratio Lower Upper
56 100
69 59.9 29.1 43.7#
84 112.0 80.7 121.1



#32
1,1,1-Trichloroethane
Concen: 5.304 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion: 97 Resp: 42921
Ion Ratio Lower Upper
97 100
99 63.8 52.2 78.4
61 42.1 33.2 49.8





#33

1,2-Dichloroethane-d4

Concen: 5.371 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

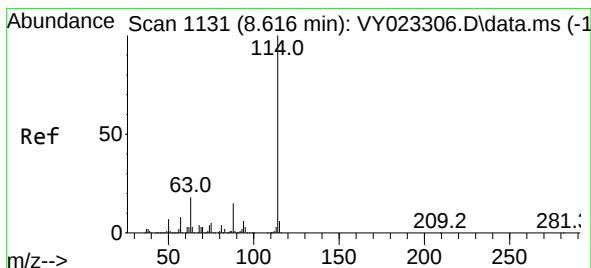
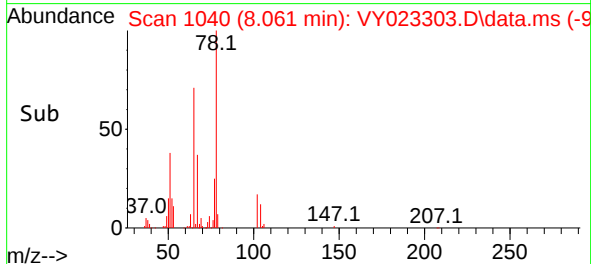
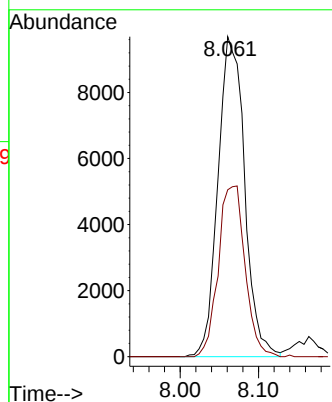
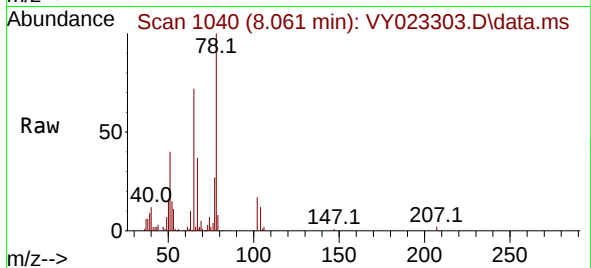
VSTDICC005

Tgt Ion: 65 Resp: 22895

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

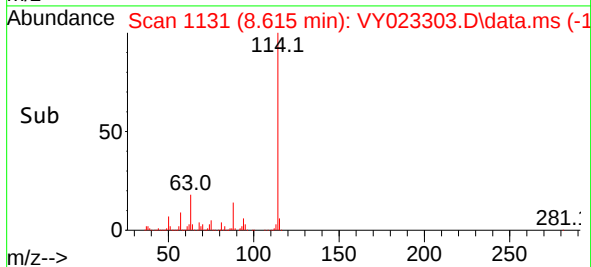
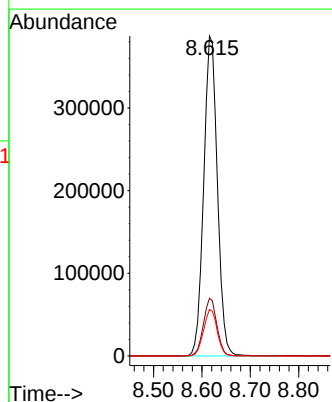
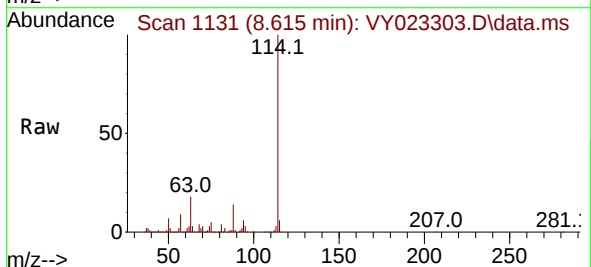
Tgt Ion: 114 Resp: 759710

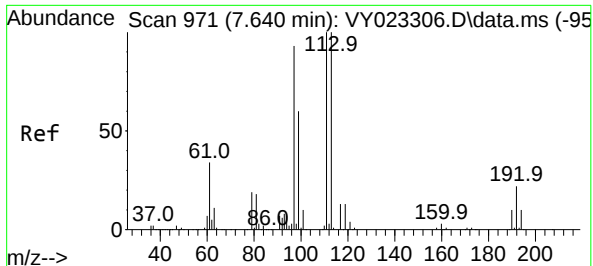
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.8

88 14.5 0.0 29.8

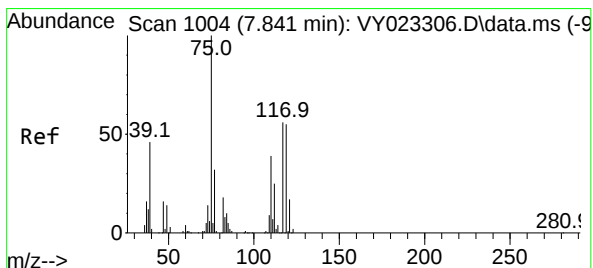
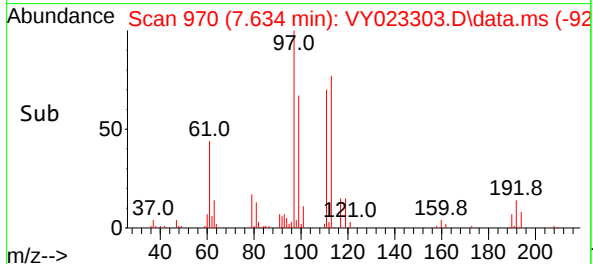
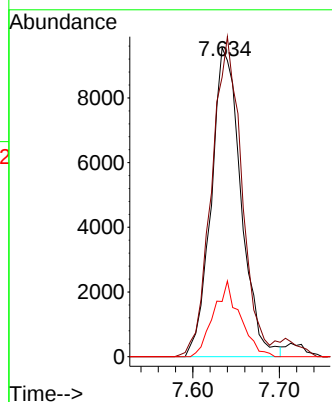
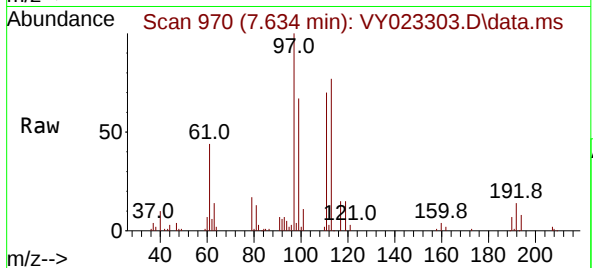




#35
Dibromofluoromethane
Concen: 4.903 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

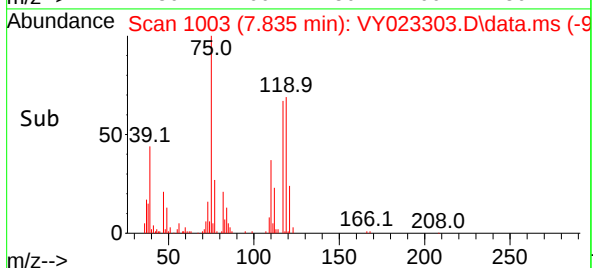
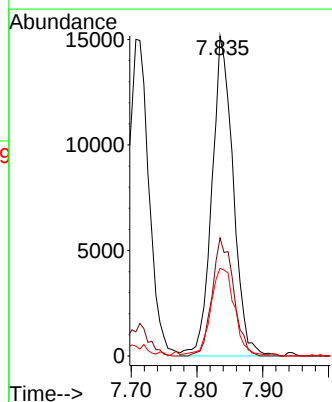
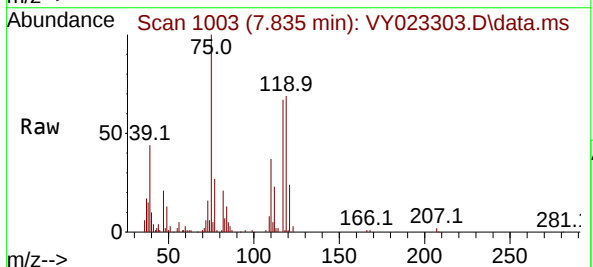
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

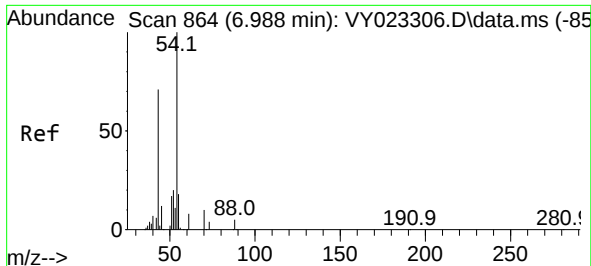
Tgt Ion:113 Resp: 22767
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.2
192 22.0 17.2 25.8



#36
1,1-Dichloropropene
Concen: 5.159 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion: 75 Resp: 34125
Ion Ratio Lower Upper
75 100
110 37.0 19.3 57.9
77 29.4 25.2 37.8





#37

Ethyl Acetate

Concen: 4.978 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

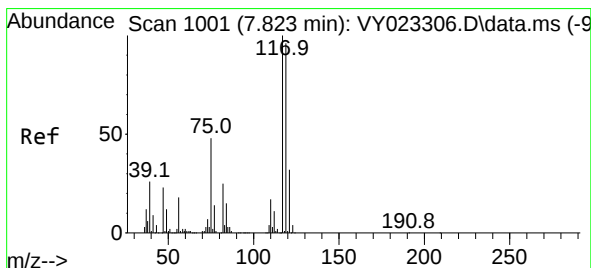
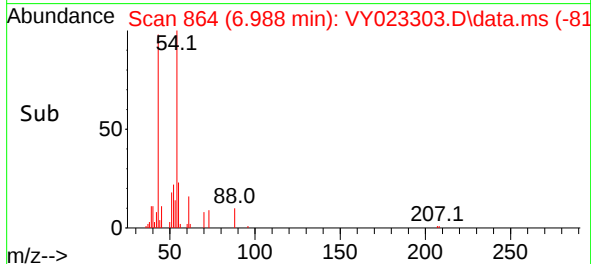
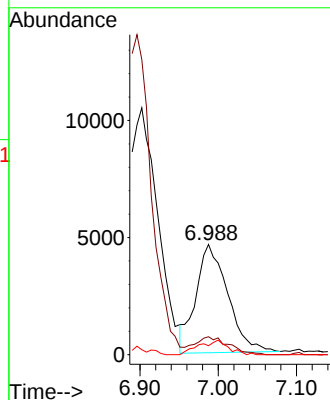
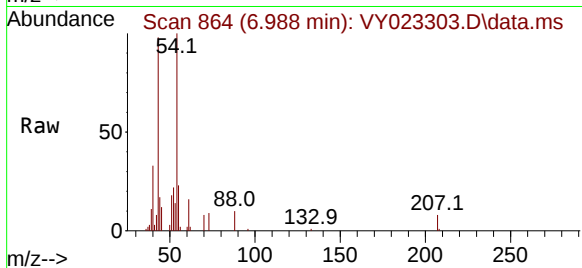
Tgt Ion: 43 Resp: 13098

Ion Ratio Lower Upper

43 100

61 17.5 12.9 19.3

70 12.3 9.1 13.7



#38

Carbon Tetrachloride

Concen: 5.125 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

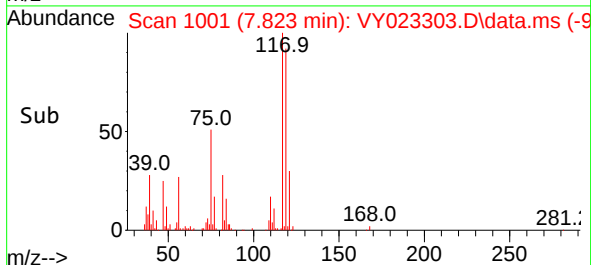
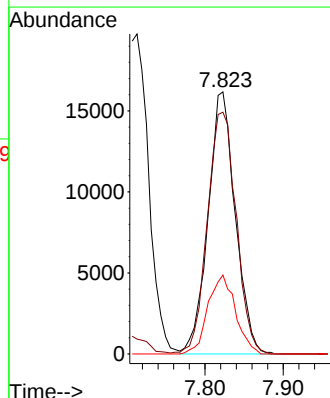
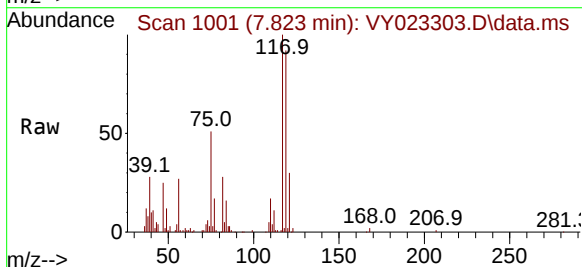
Tgt Ion: 117 Resp: 39006

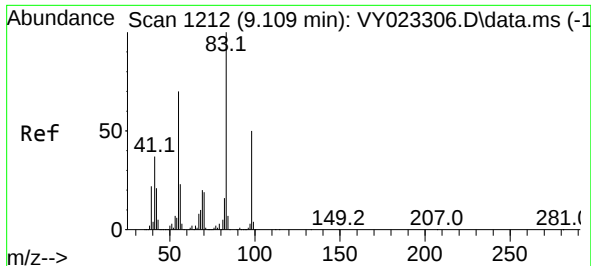
Ion Ratio Lower Upper

117 100

119 92.2 76.5 114.7

121 30.1 25.2 37.8





#39

Methylcyclohexane

Concen: 4.752 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

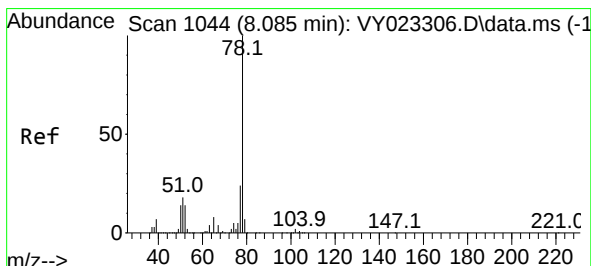
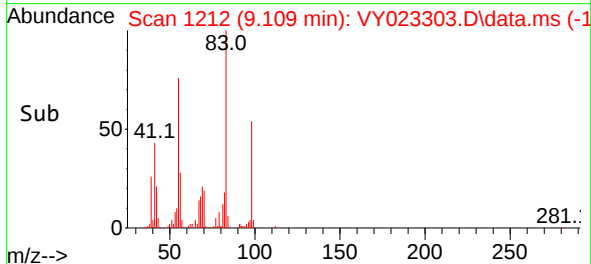
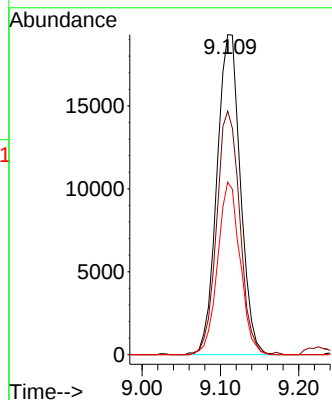
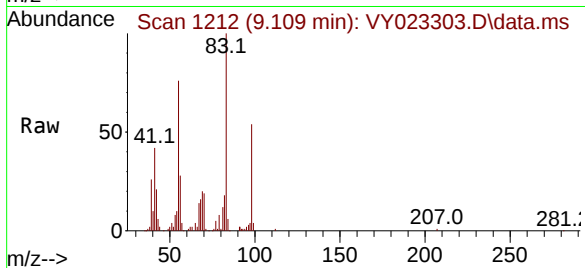
Tgt Ion: 83 Resp: 40211

Ion Ratio Lower Upper

83 100

55 76.1 56.1 84.1

98 53.9 39.8 59.8



#40

Benzene

Concen: 5.099 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY023303.D

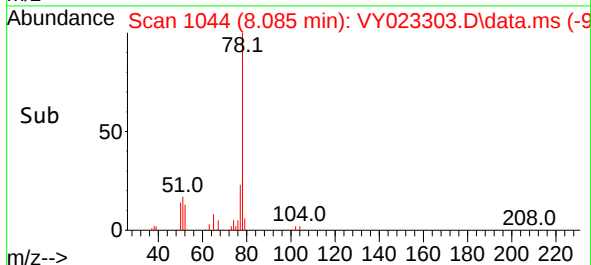
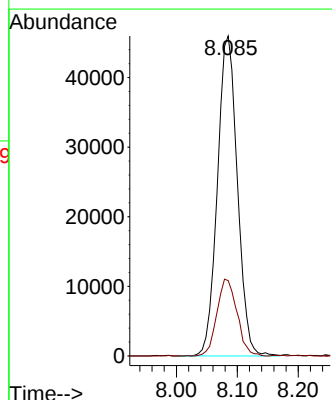
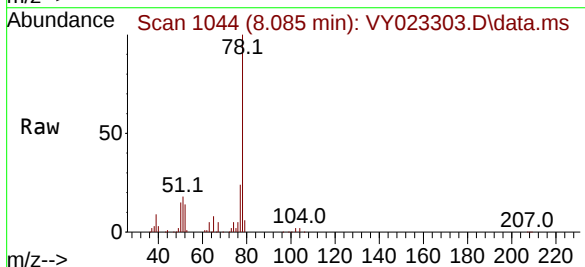
Acq: 08 Sep 2025 10:00

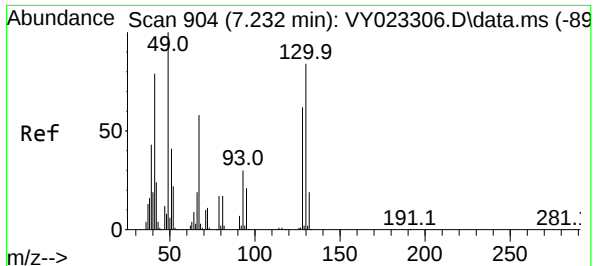
Tgt Ion: 78 Resp: 104834

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

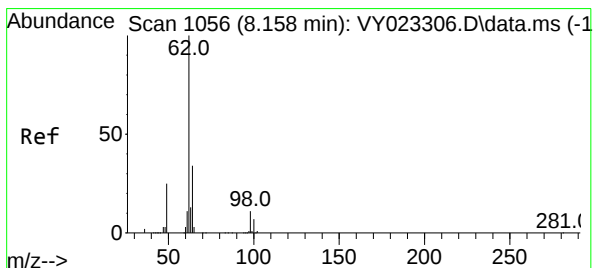
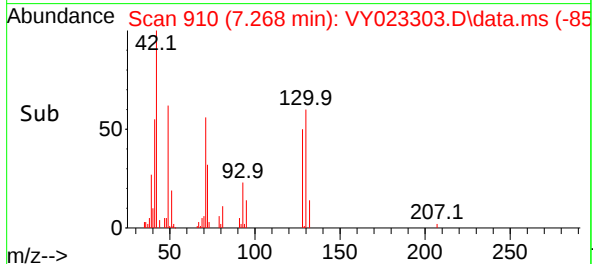
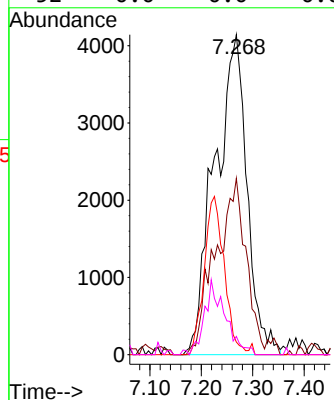
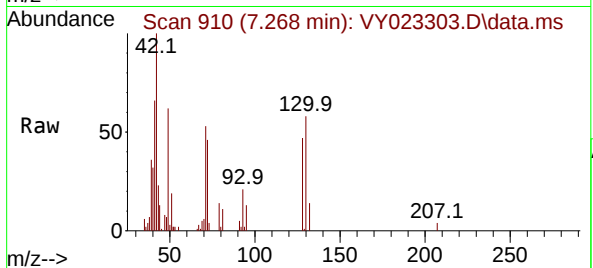




#41
Methacrylonitrile
Concen: 12.331 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.036 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

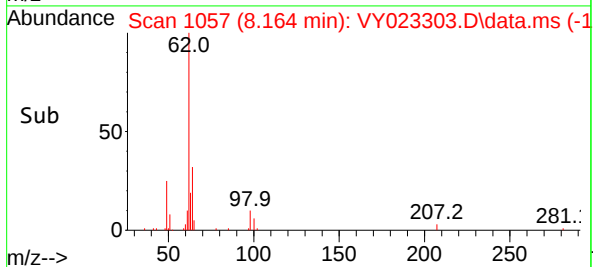
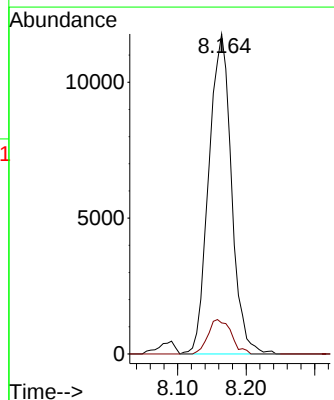
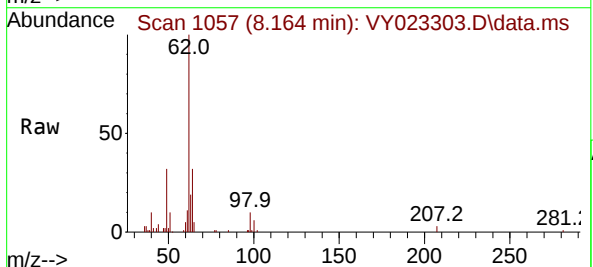
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

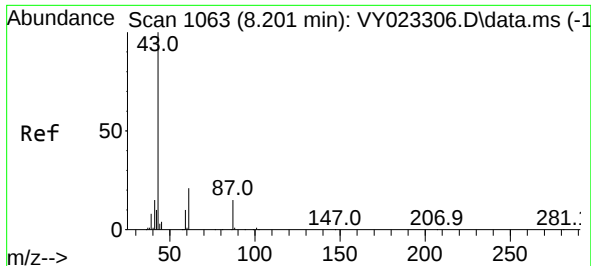
Tgt Ion: 41 Resp: 18026
Ion Ratio Lower Upper
41 100
39 52.1 56.1 84.1#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 5.182 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion: 62 Resp: 27126
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.6





#43

Isopropyl Acetate

Concen: 4.823 ug/l

RT: 8.201 min Scan# 11063

Delta R.T. -0.000 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

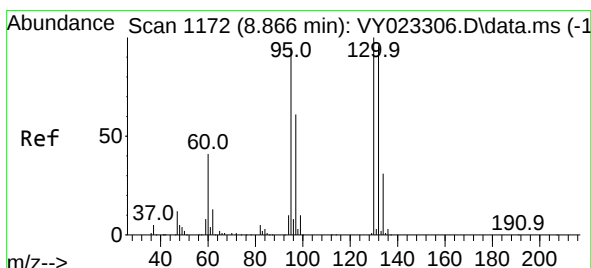
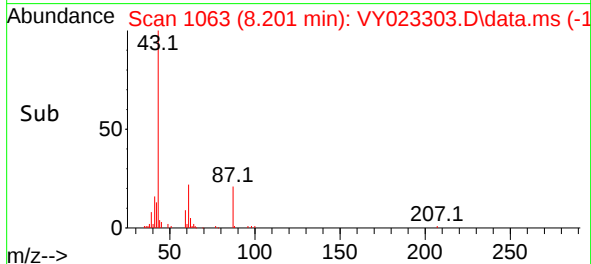
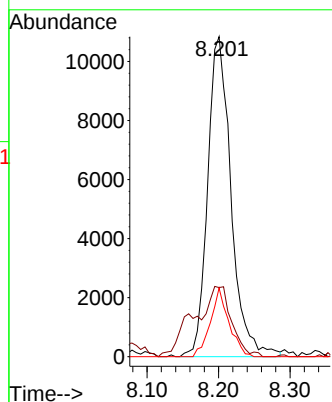
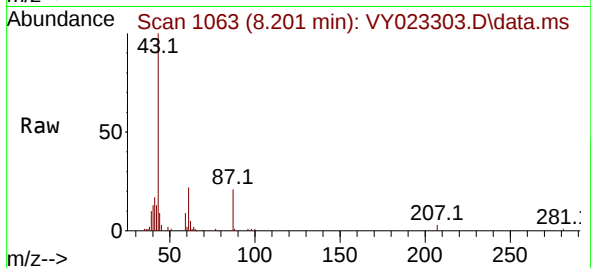
Tgt Ion: 43 Resp: 24681

Ion Ratio Lower Upper

43 100

61 22.3 17.1 25.7

87 17.0 12.6 18.8



#44

Trichloroethene

Concen: 5.130 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY023303.D

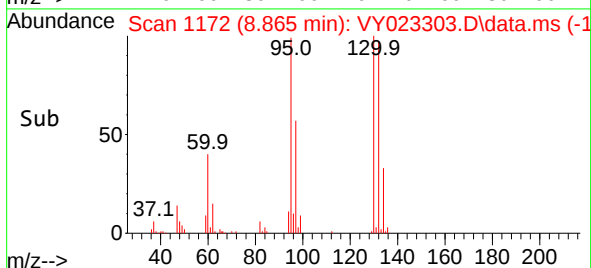
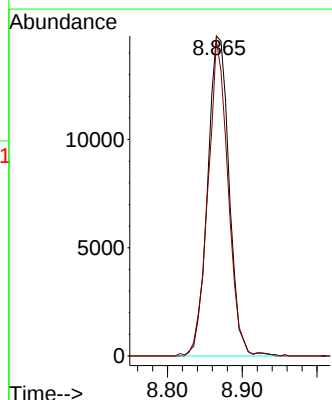
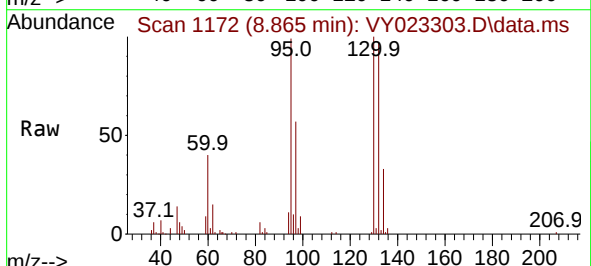
Acq: 08 Sep 2025 10:00

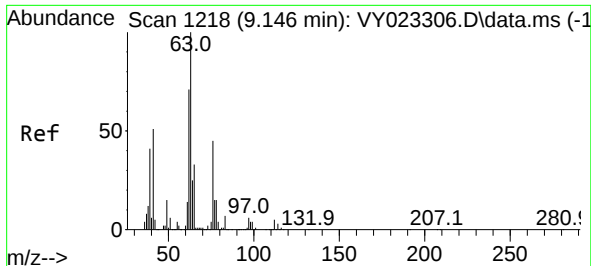
Tgt Ion:130 Resp: 29378

Ion Ratio Lower Upper

130 100

95 98.6 0.0 189.8





#45

1,2-Dichloropropane

Concen: 5.114 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

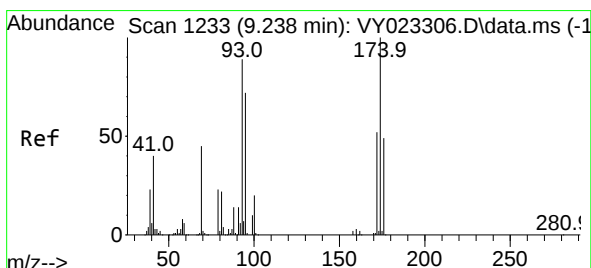
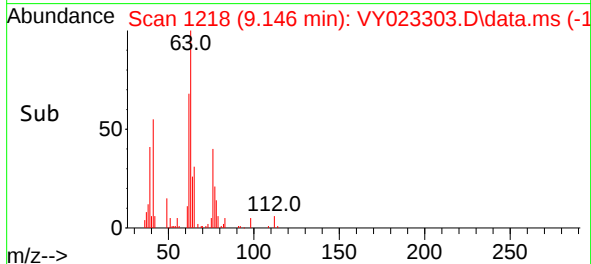
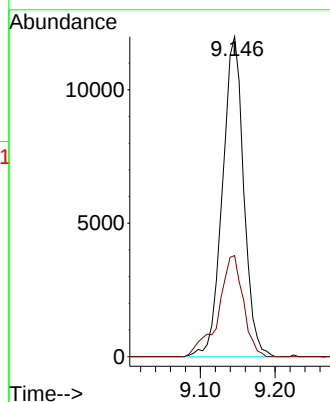
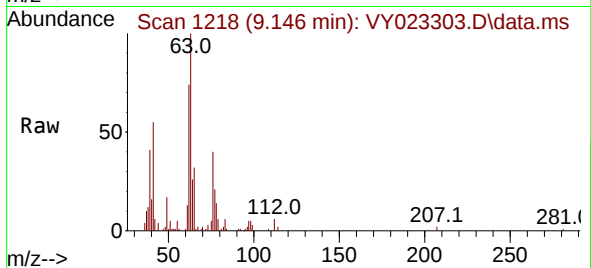
VSTDICC005

Tgt Ion: 63 Resp: 23746

Ion Ratio Lower Upper

63 100

65 31.6 26.4 39.6



#46

Dibromomethane

Concen: 5.205 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

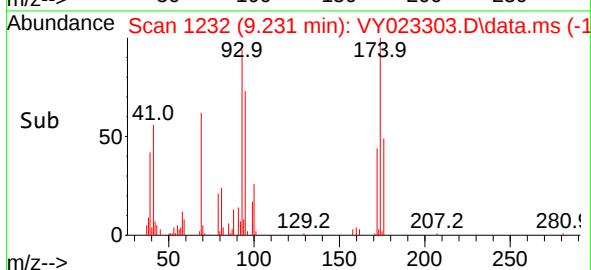
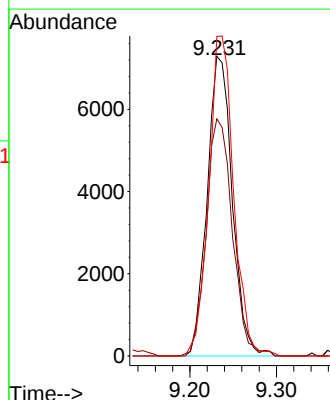
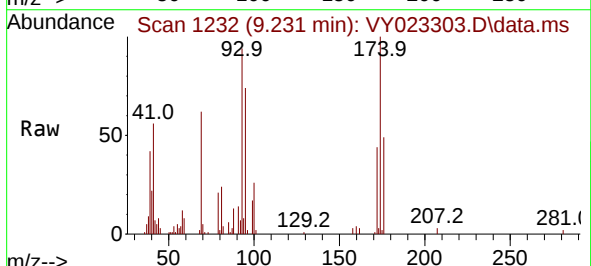
Tgt Ion: 93 Resp: 14718

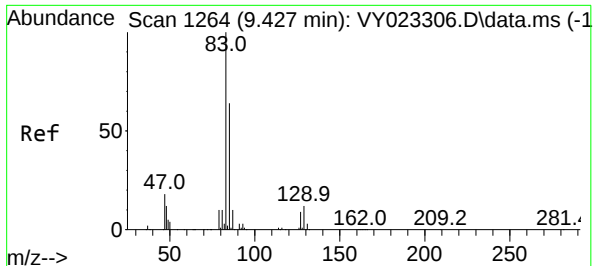
Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.6

174 105.3 86.0 129.0

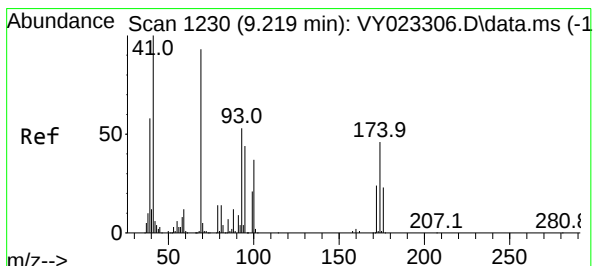
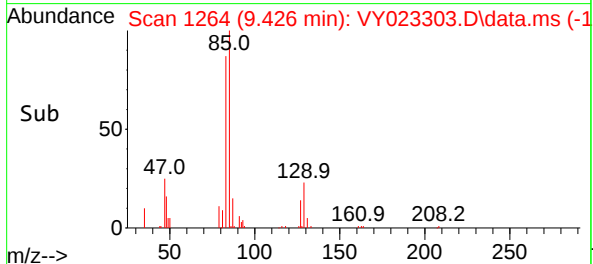
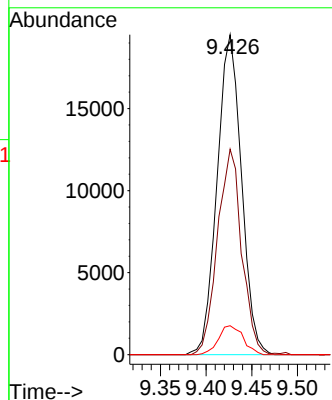
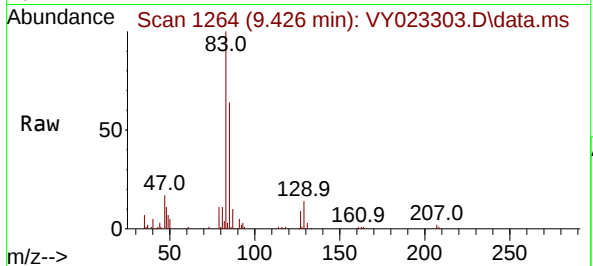




#47
Bromodichloromethane
Concen: 5.089 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

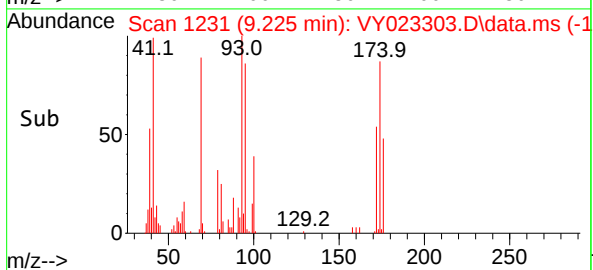
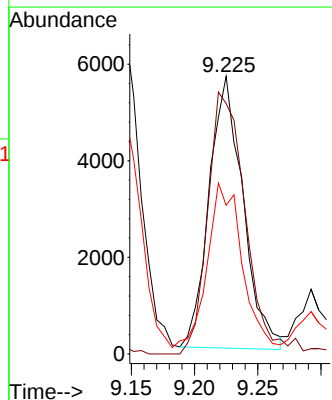
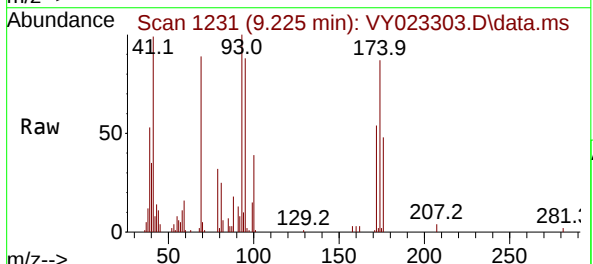
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

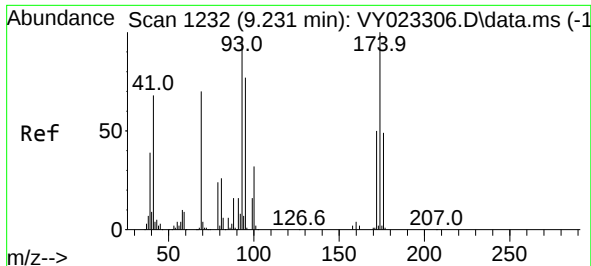
Tgt Ion: 83 Resp: 36199
Ion Ratio Lower Upper
83 100
85 64.2 51.5 77.3
127 9.1 7.2 10.8



#48
Methyl methacrylate
Concen: 4.400 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion: 41 Resp: 10495
Ion Ratio Lower Upper
41 100
69 107.7 77.8 116.8
39 65.6 45.9 68.9





#49

1,4-Dioxane

Concen: 95.009 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

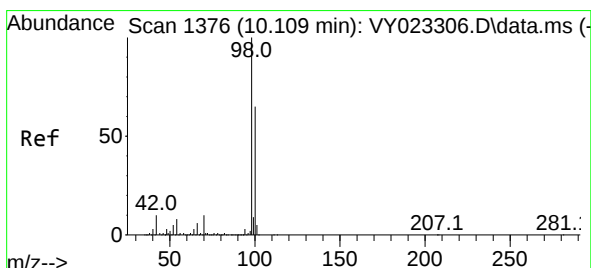
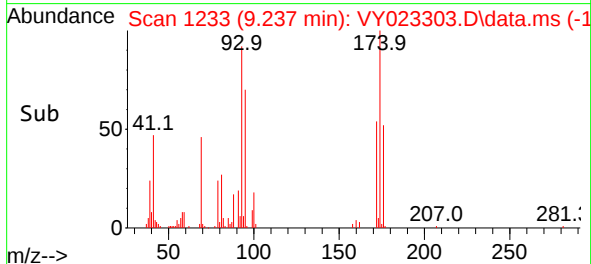
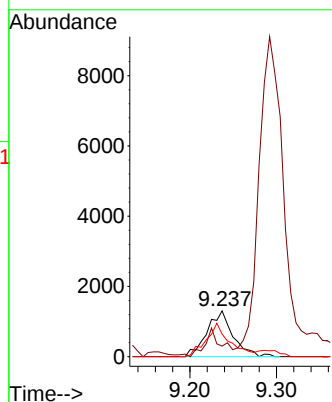
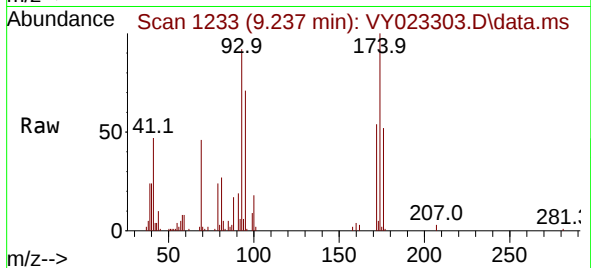
Tgt Ion: 88 Resp: 2727

Ion Ratio Lower Upper

88 100

43 31.3 24.6 37.0

58 65.7 48.0 72.0



#50

Toluene-d8

Concen: 4.857 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023303.D

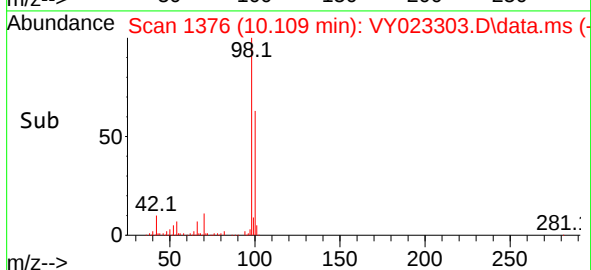
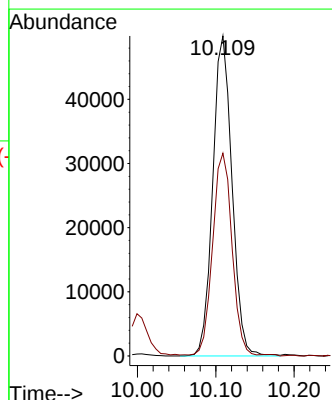
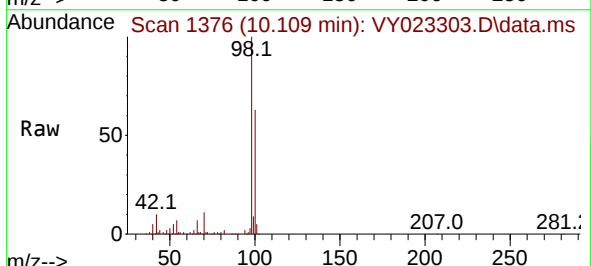
Acq: 08 Sep 2025 10:00

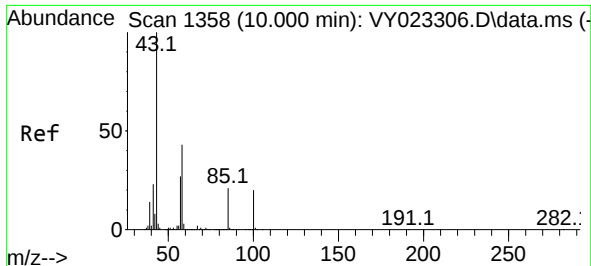
Tgt Ion: 98 Resp: 85176

Ion Ratio Lower Upper

98 100

100 63.2 52.7 79.1

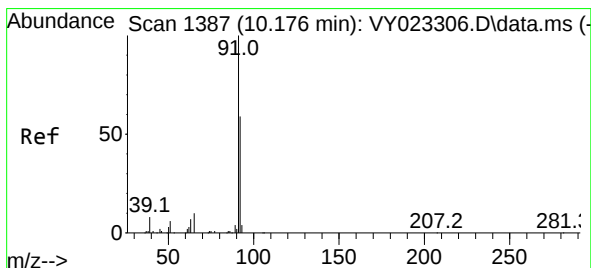
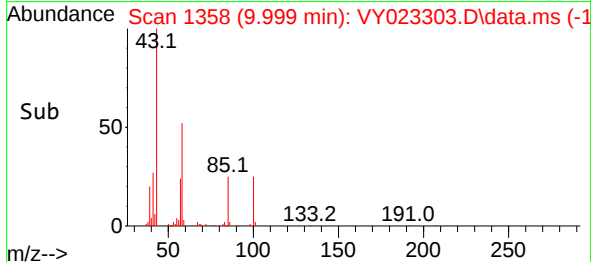
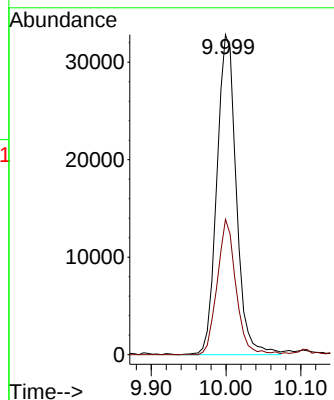
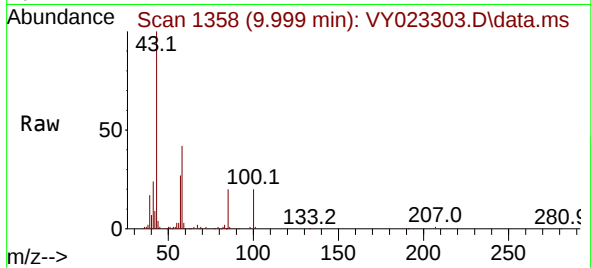




#51
4-Methyl-2-Pentanone
Concen: 22.687 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

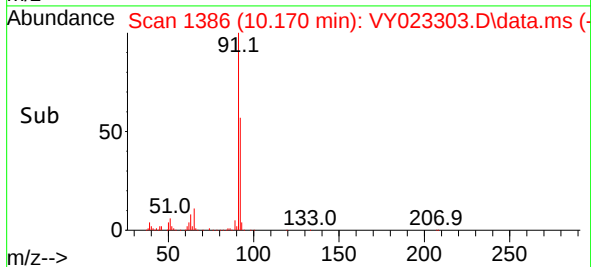
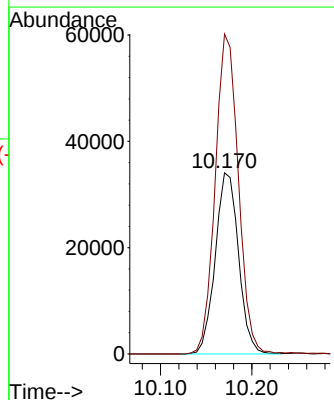
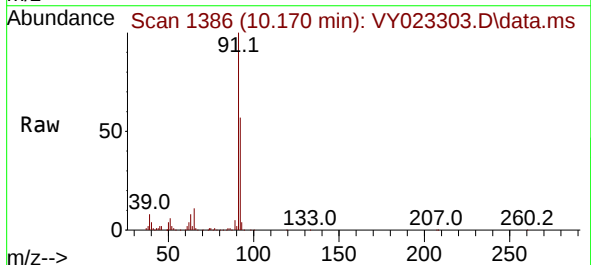
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

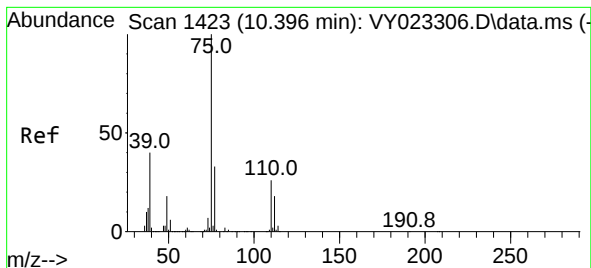
Tgt Ion: 43 Resp: 59396
Ion Ratio Lower Upper
43 100
58 41.0 34.6 52.0



#52
Toluene
Concen: 4.621 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion: 92 Resp: 60289
Ion Ratio Lower Upper
92 100
91 176.1 136.6 204.8

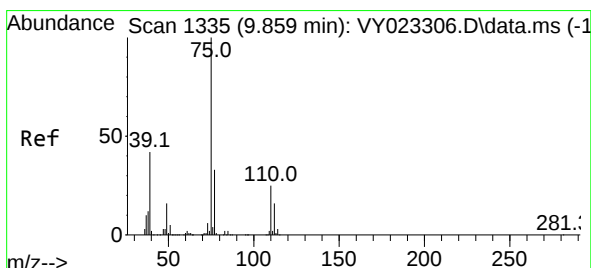
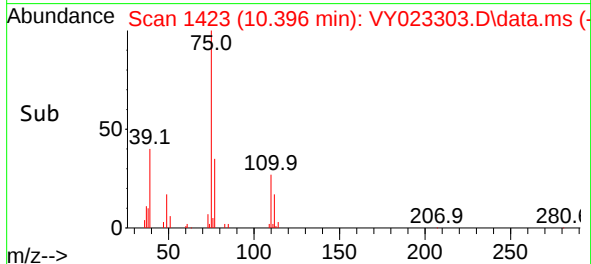
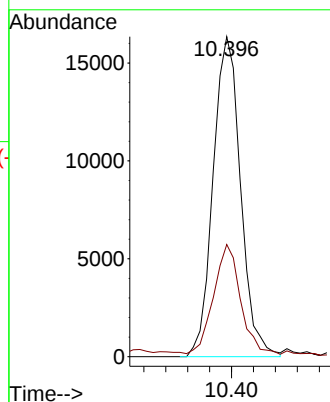
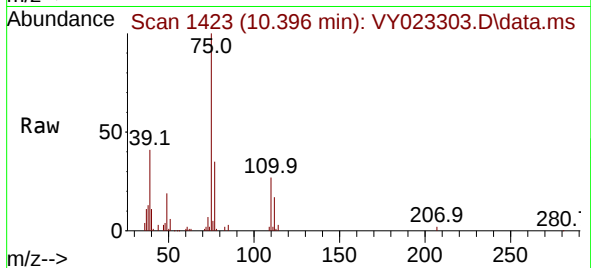




#53
t-1,3-Dichloropropene
Concen: 4.645 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

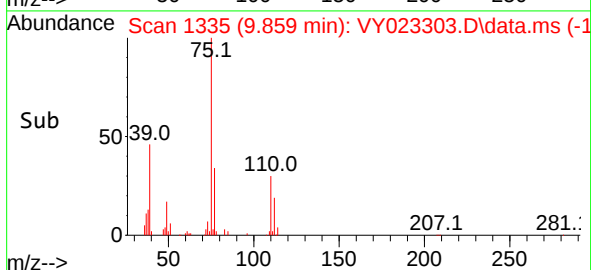
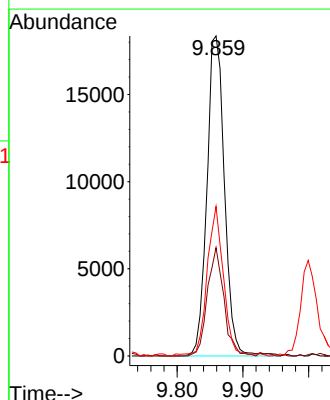
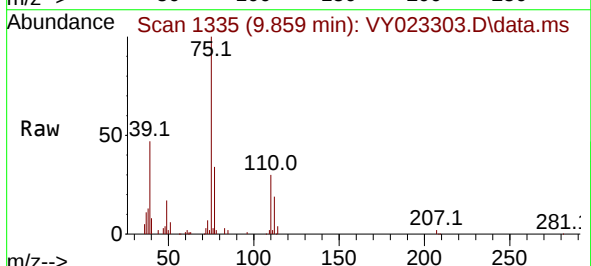
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

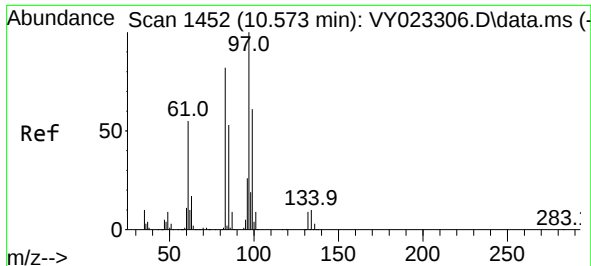
Tgt Ion: 75 Resp: 28448
Ion Ratio Lower Upper
75 100
77 34.3 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 4.669 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion: 75 Resp: 34169
Ion Ratio Lower Upper
75 100
77 33.9 26.1 39.1
39 46.2 33.5 50.3

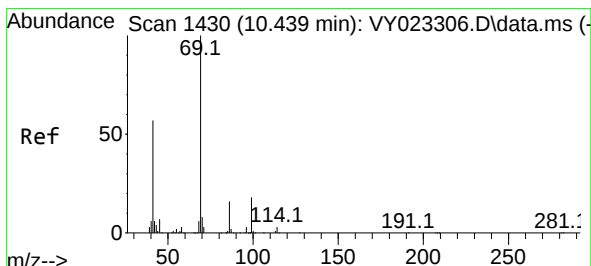
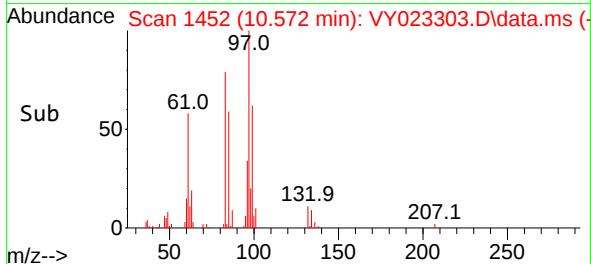
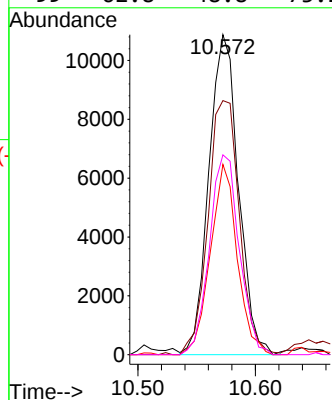
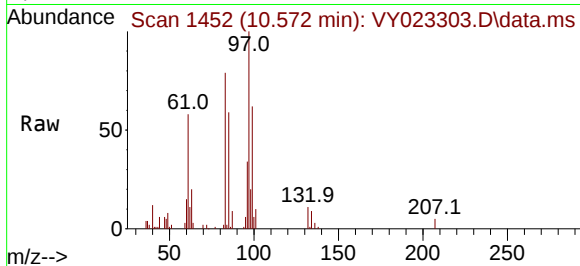




#55
1,1,2-Trichloroethane
Concen: 5.058 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

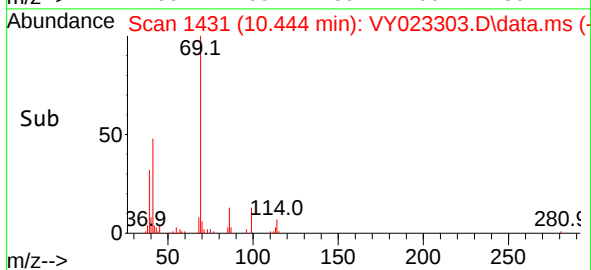
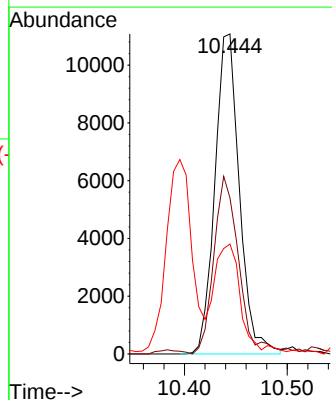
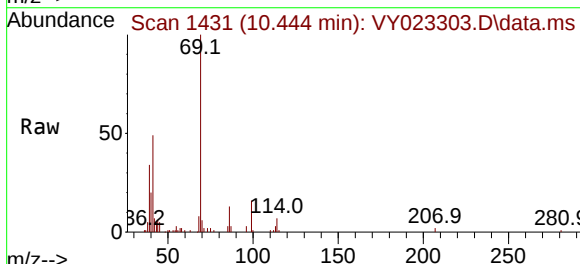
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

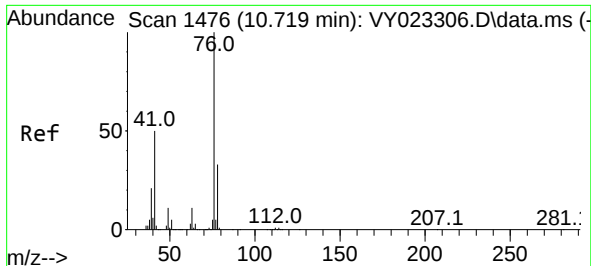
Tgt Ion: 97	Resp: 19023
Ion Ratio	Lower Upper
97 100	
83 79.9	65.3 97.9
85 59.8	42.6 63.8
99 62.8	48.8 73.2



#56
Ethyl methacrylate
Concen: 4.215 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion: 69	Resp: 18369
Ion Ratio	Lower Upper
69 100	
41 57.2	45.9 68.9
39 35.7	26.2 39.4





#57

1,3-Dichloropropane

Concen: 4.963 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

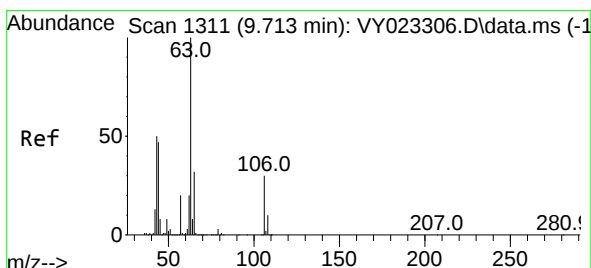
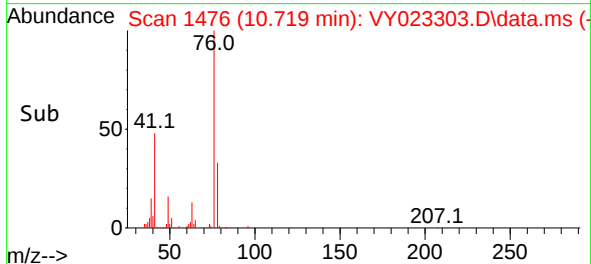
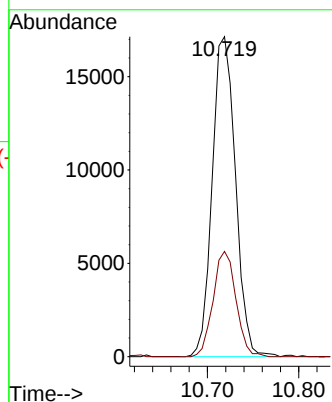
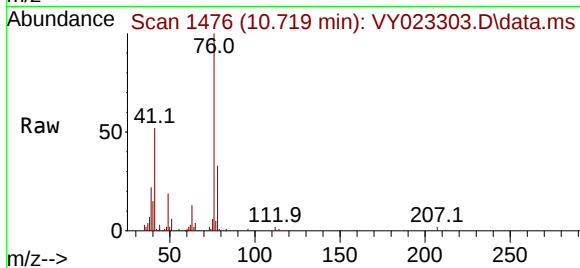
VSTDICC005

Tgt Ion: 76 Resp: 30302

Ion Ratio Lower Upper

76 100

78 32.4 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 18.769 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023303.D

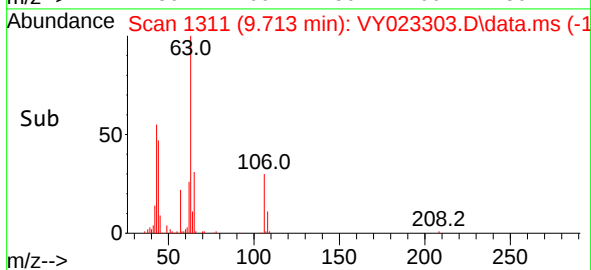
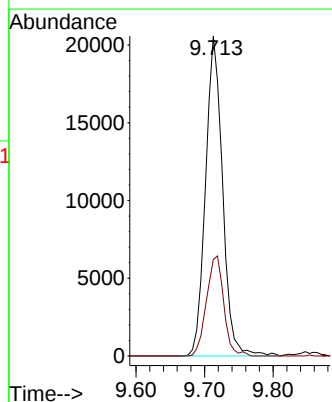
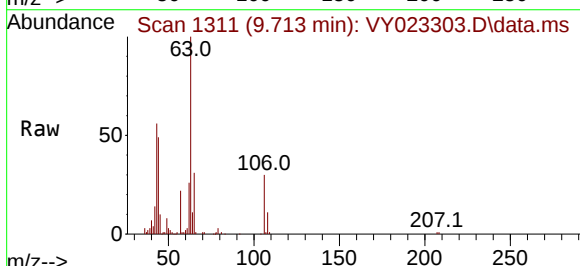
Acq: 08 Sep 2025 10:00

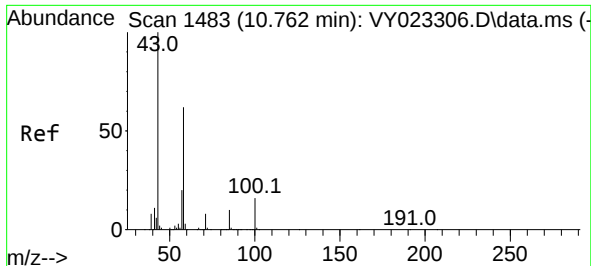
Tgt Ion: 63 Resp: 35646

Ion Ratio Lower Upper

63 100

106 31.6 24.9 37.3

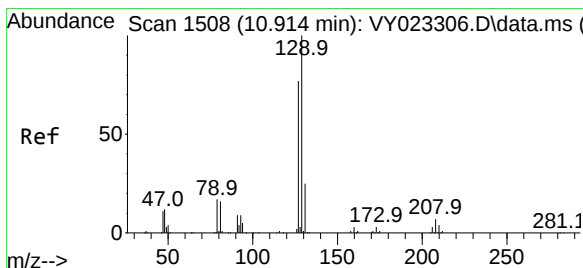
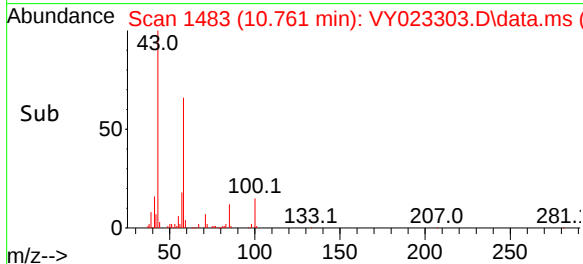
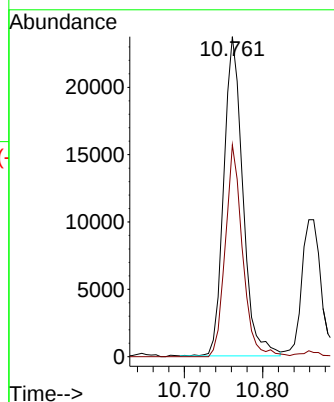
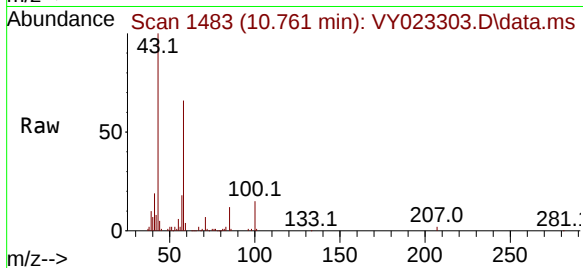




#59
2-Hexanone
Concen: 22.182 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

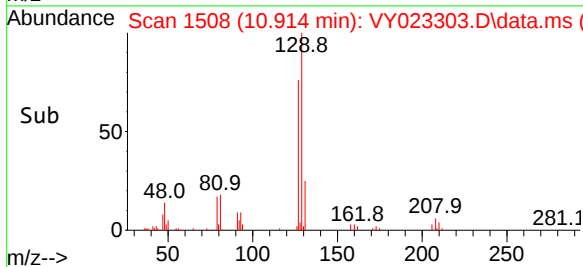
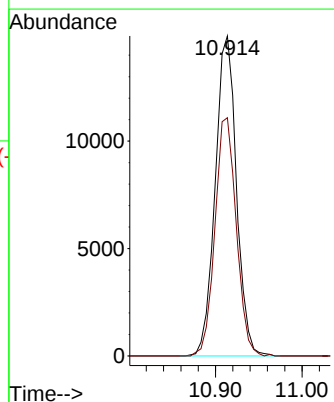
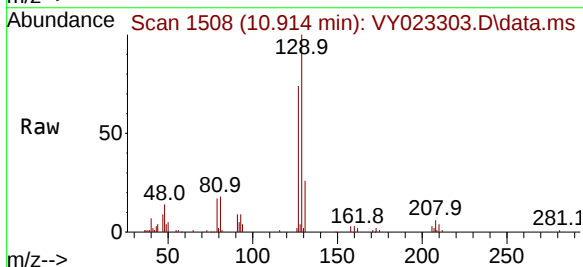
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

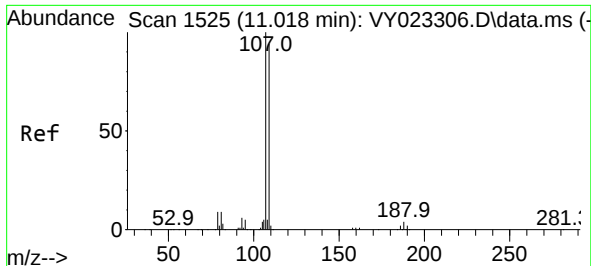
Tgt Ion: 43 Resp: 40146
Ion Ratio Lower Upper
43 100
58 59.9 30.6 91.6



#60
Dibromochloromethane
Concen: 4.968 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion: 129 Resp: 25353
Ion Ratio Lower Upper
129 100
127 74.8 38.6 115.8

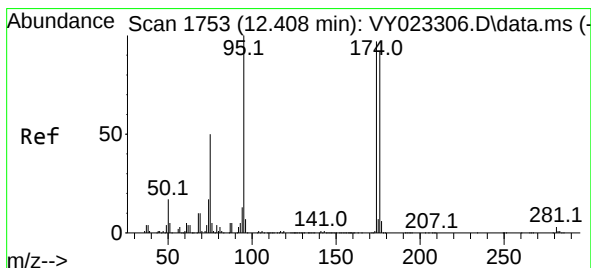
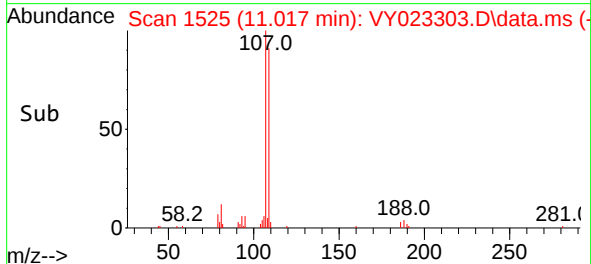
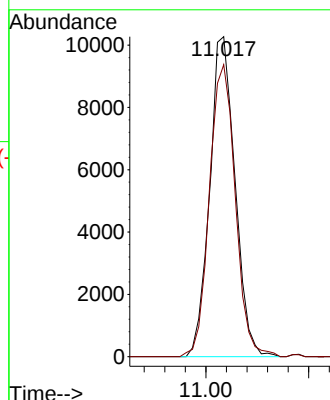
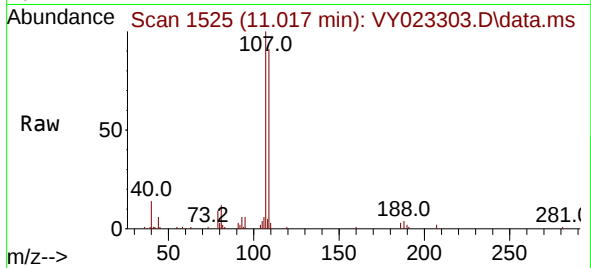




#61
1,2-Dibromoethane
Concen: 4.992 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

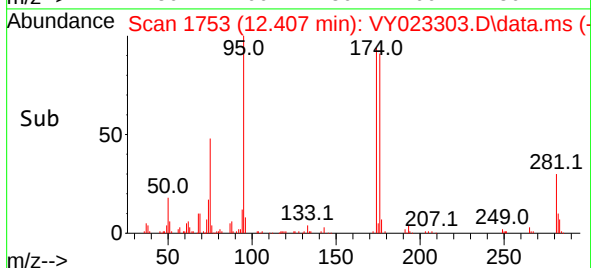
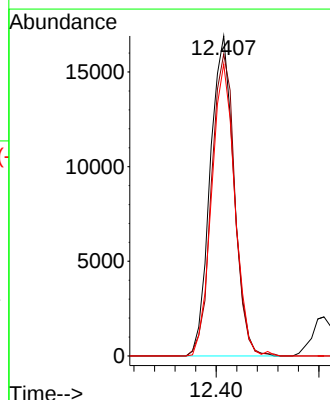
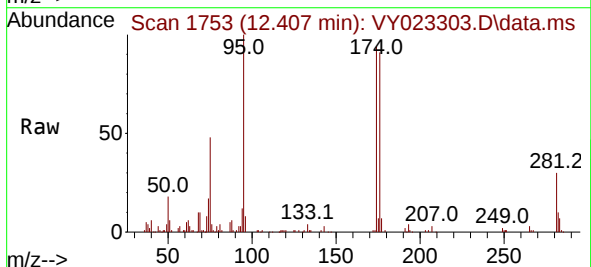
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

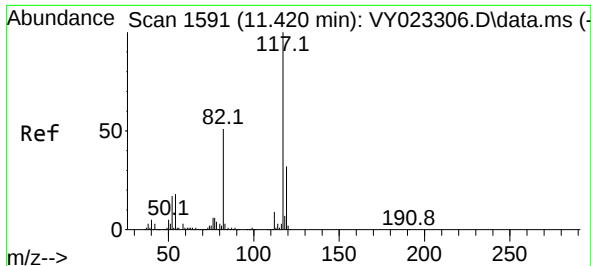
Tgt Ion:107 Resp: 17594
Ion Ratio Lower Upper
107 100
109 93.1 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 4.890 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion: 95 Resp: 26983
Ion Ratio Lower Upper
95 100
174 93.0 0.0 184.0
176 89.3 0.0 178.8

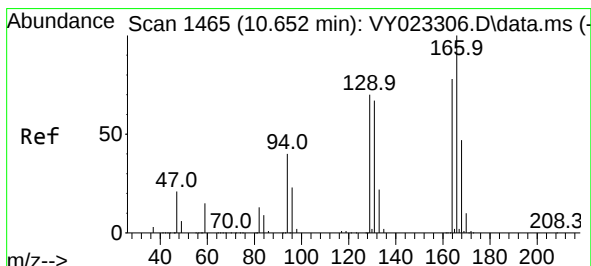
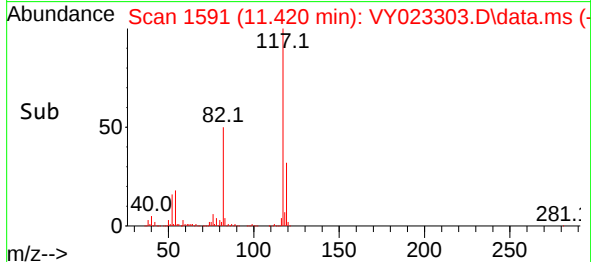
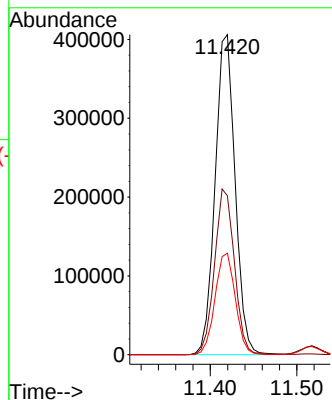
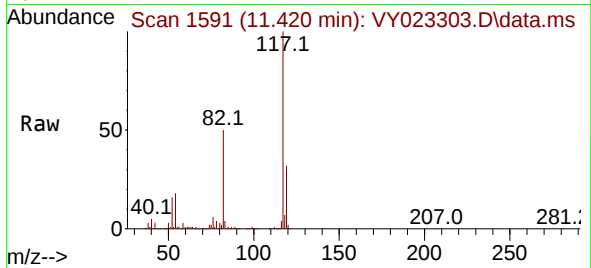




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

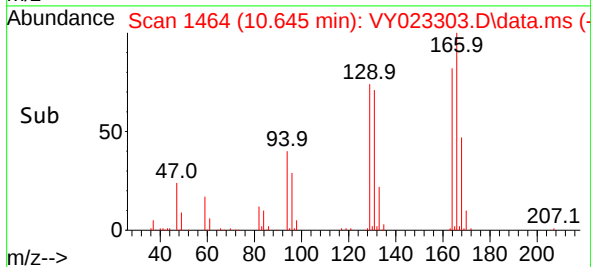
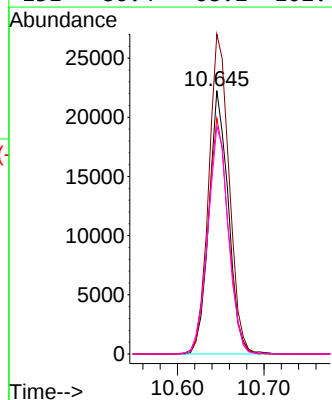
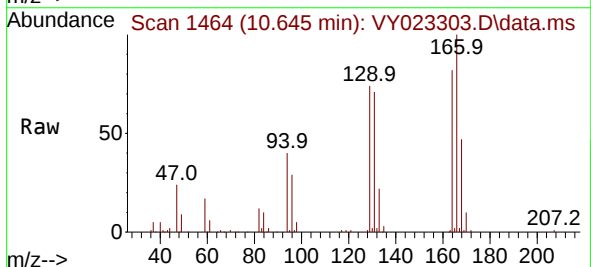
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

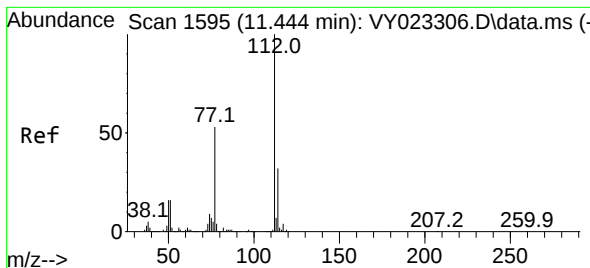
Tgt Ion:117 Resp: 651128
Ion Ratio Lower Upper
117 100
82 49.6 41.0 61.4
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 5.358 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion:164 Resp: 34772
Ion Ratio Lower Upper
164 100
166 121.5 102.0 153.0
129 89.5 71.2 106.8
131 86.4 68.2 102.4





#65

Chlorobenzene

Concen: 5.079 ug/l

RT: 11.444 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

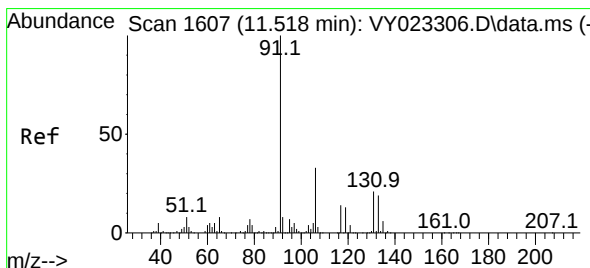
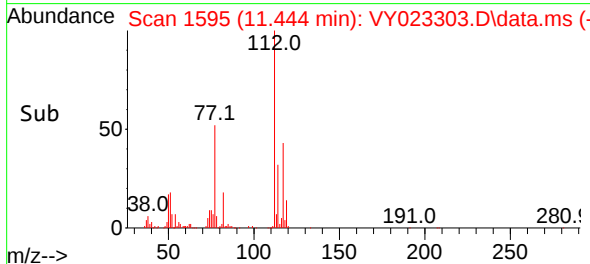
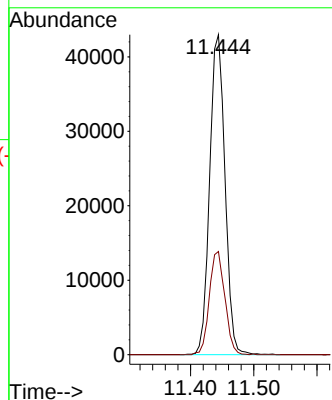
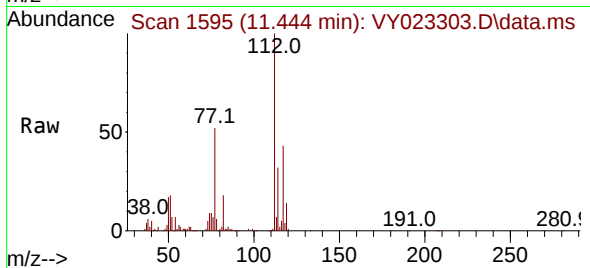
VSTDICC005

Tgt Ion:112 Resp: 72445

Ion Ratio Lower Upper

112 100

114 32.2 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 5.086 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

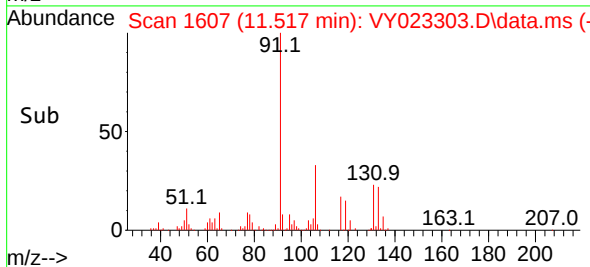
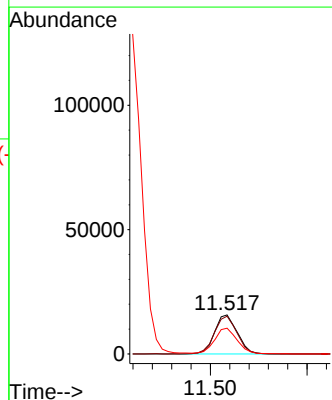
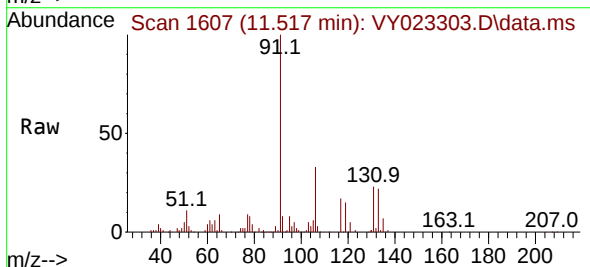
Tgt Ion:131 Resp: 25464

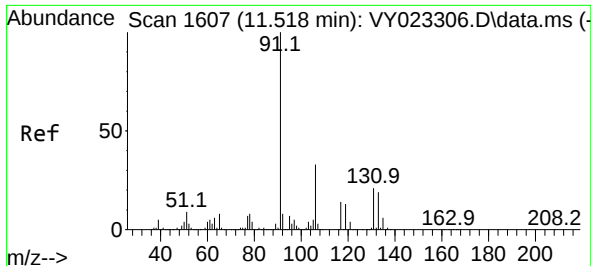
Ion Ratio Lower Upper

131 100

133 97.2 47.5 142.6

119 67.4 33.2 99.6





#67

Ethyl Benzene

Concen: 4.650 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

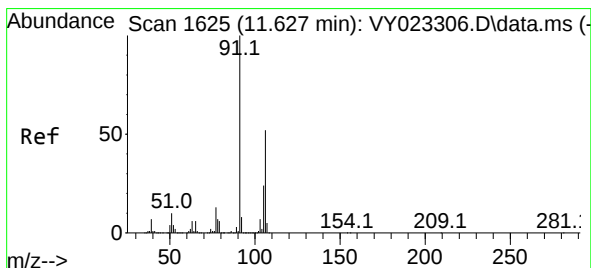
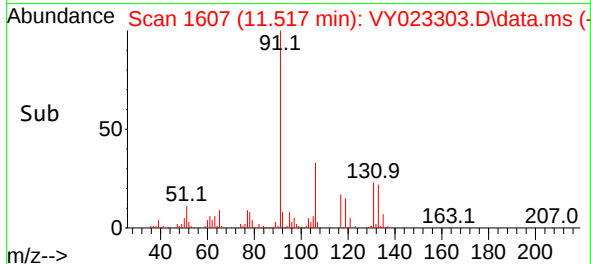
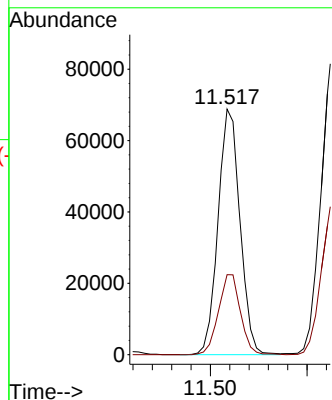
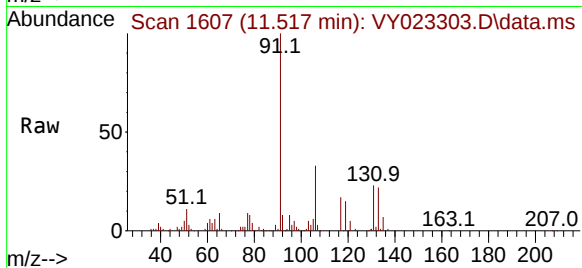
VSTDIC005

Tgt Ion: 91 Resp: 108359

Ion Ratio Lower Upper

91 100

106 32.6 26.1 39.1



#68

m/p-Xylenes

Concen: 9.136 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023303.D

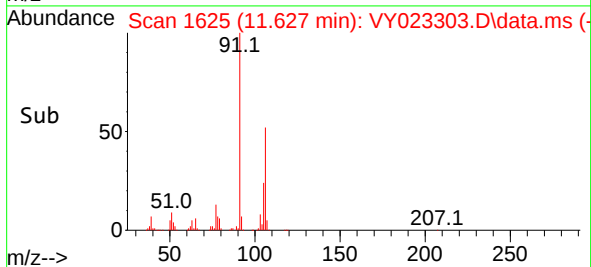
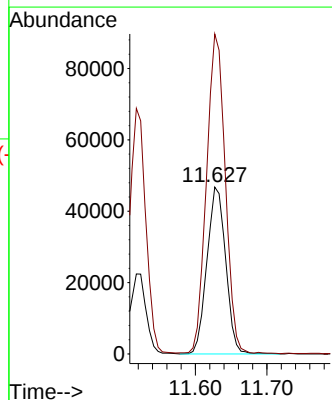
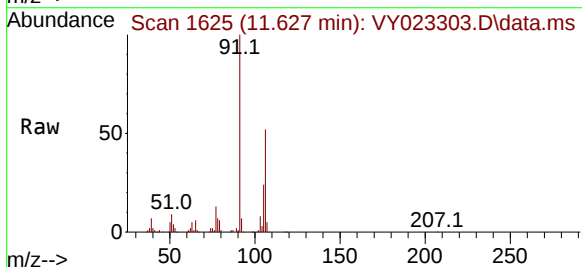
Acq: 08 Sep 2025 10:00

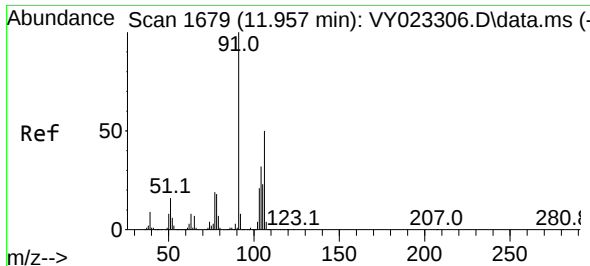
Tgt Ion: 106 Resp: 85257

Ion Ratio Lower Upper

106 100

91 190.7 153.9 230.9

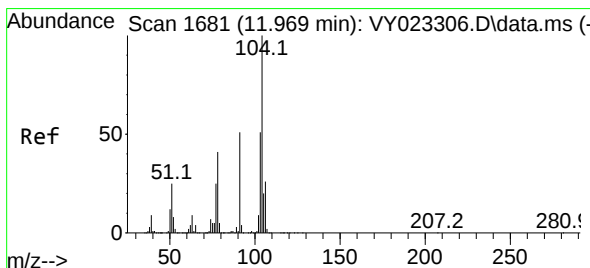
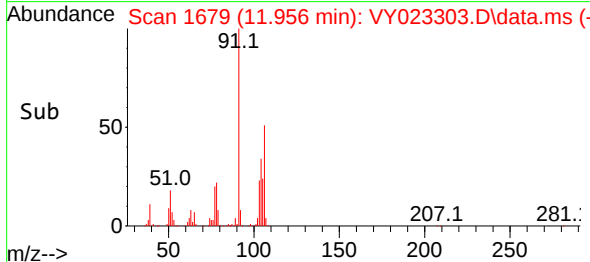
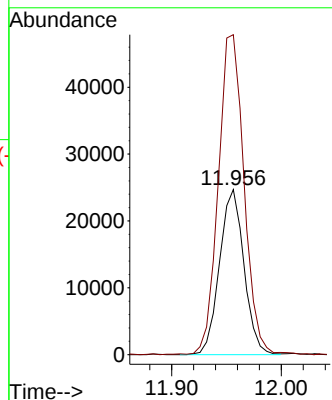
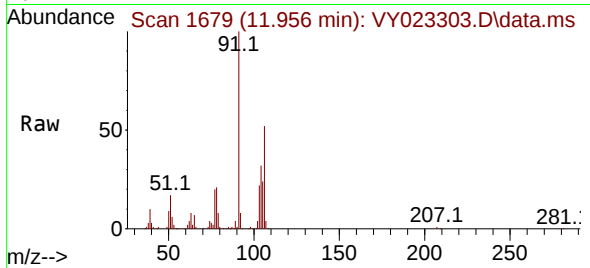




#69
o-Xylene
Concen: 4.428 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

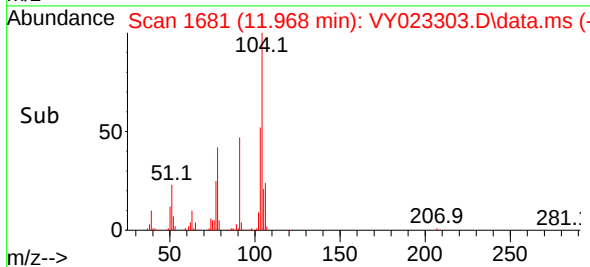
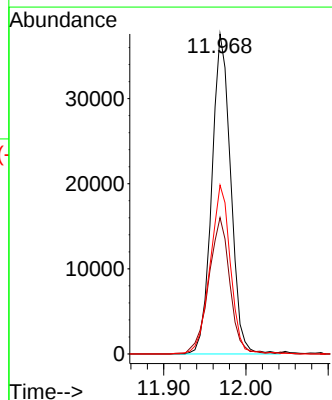
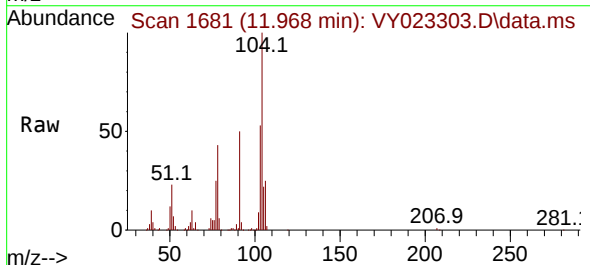
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

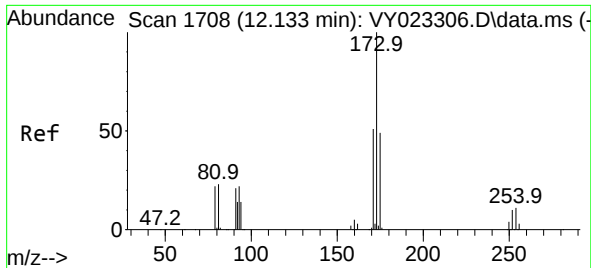
Tgt Ion:106 Resp: 38252
Ion Ratio Lower Upper
106 100
91 204.6 102.2 306.5



#70
Styrene
Concen: 4.209 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion:104 Resp: 60260
Ion Ratio Lower Upper
104 100
78 47.5 36.0 54.0
103 56.7 43.2 64.8

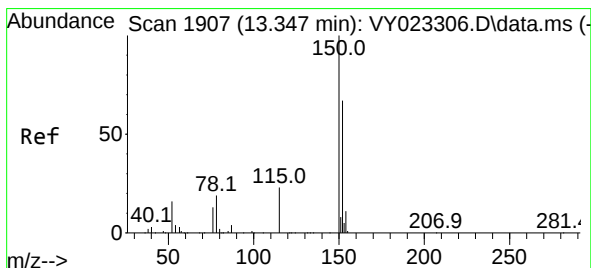
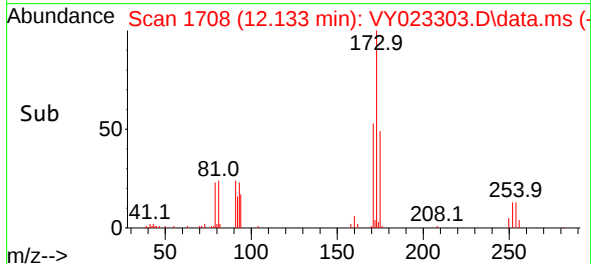
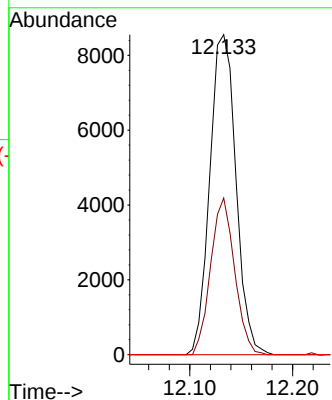
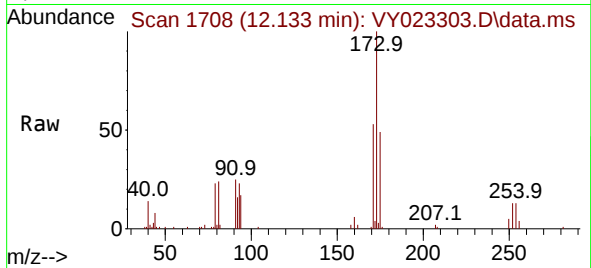




#71
Bromoform
Concen: 5.073 ug/l
RT: 12.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

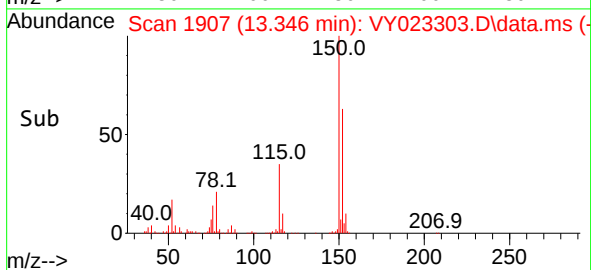
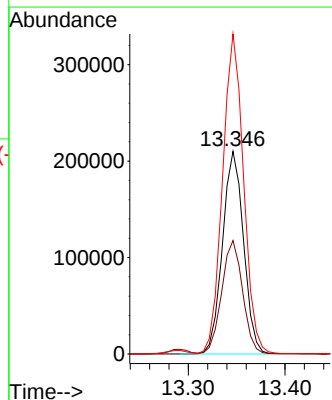
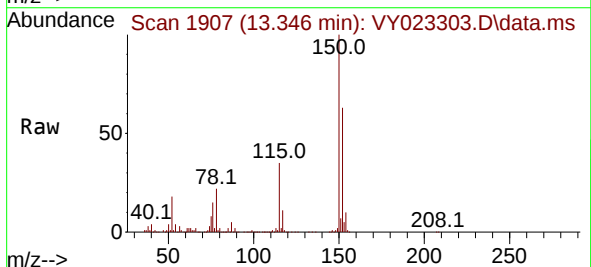
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

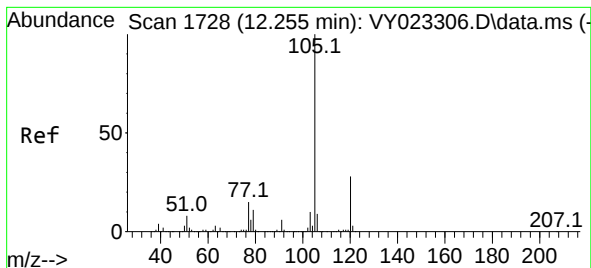
Tgt Ion:173 Resp: 15125
Ion Ratio Lower Upper
173 100
175 44.9 24.6 73.6
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion:152 Resp: 317206
Ion Ratio Lower Upper
152 100
115 55.6 27.7 83.1
150 157.6 0.0 348.6





#73

Isopropylbenzene

Concen: 4.619 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

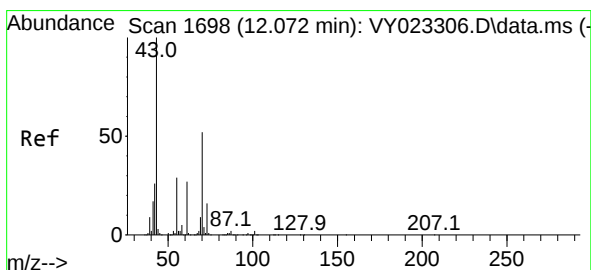
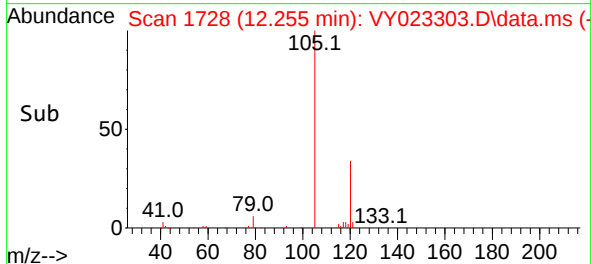
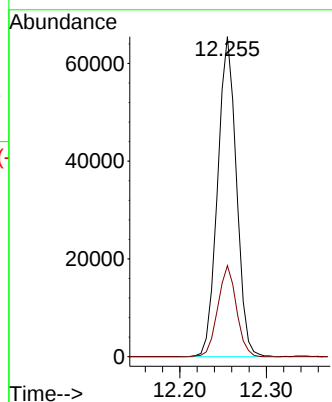
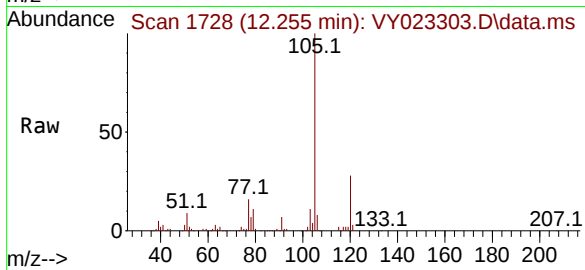
VSTDIC005

Tgt Ion:105 Resp: 98704

Ion Ratio Lower Upper

105 100

120 28.1 13.7 41.1



#74

N-ethyl acetate

Concen: 4.403 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

Tgt Ion: 43 Resp: 17784

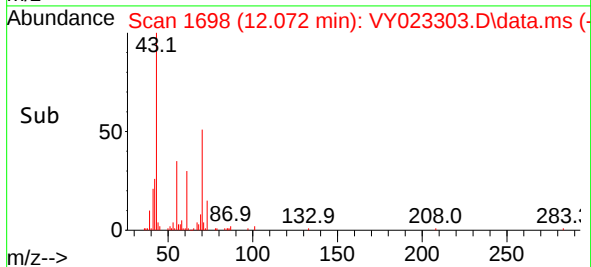
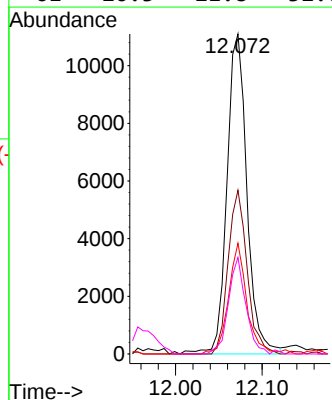
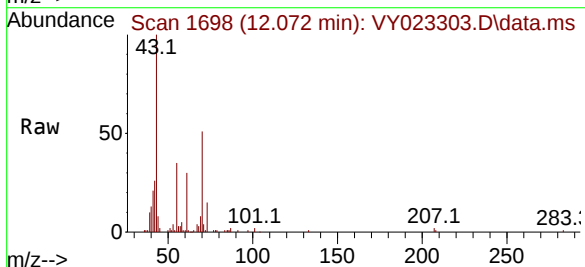
Ion Ratio Lower Upper

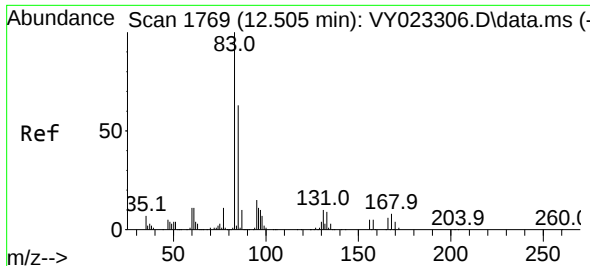
43 100

70 48.7 41.0 61.4

55 31.7 23.3 34.9

61 26.3 21.8 32.6

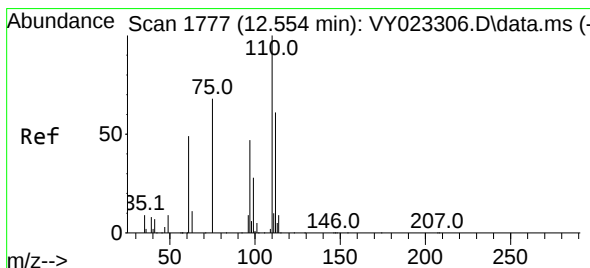
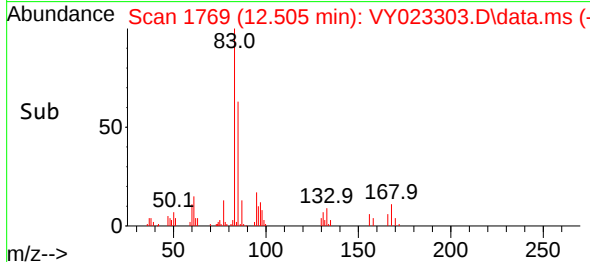
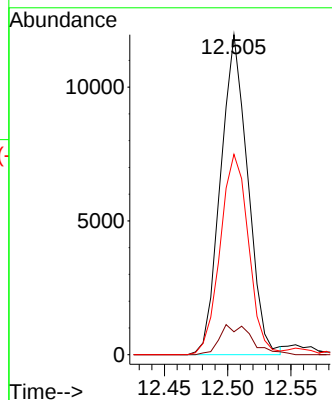
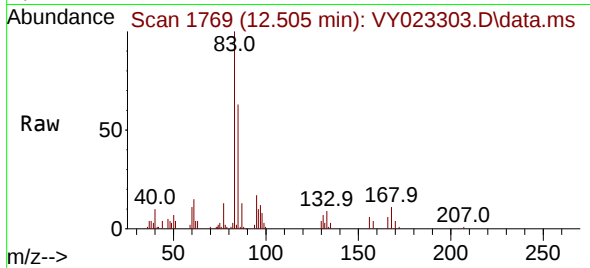




#75
1,1,2,2-Tetrachloroethane
Concen: 4.992 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

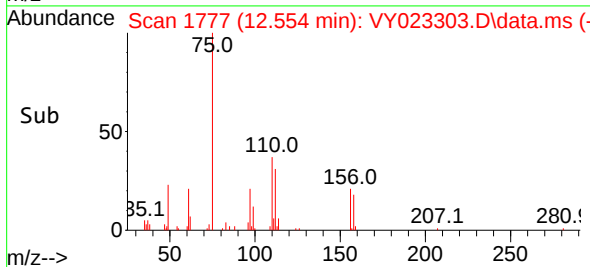
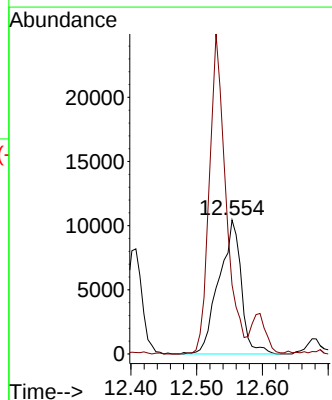
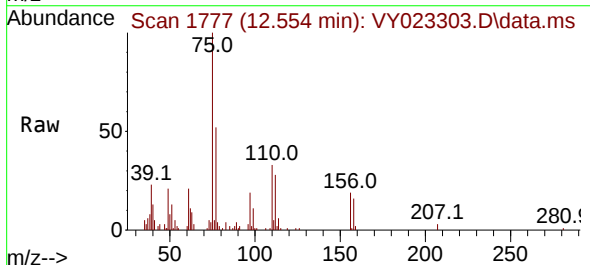
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

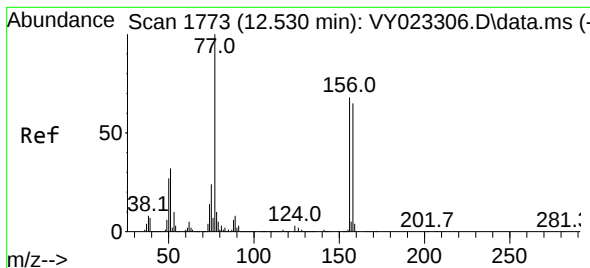
Tgt Ion: 83 Resp: 17902
Ion Ratio Lower Upper
83 100
131 11.0 5.5 16.7
85 65.1 31.9 95.5



#76
1,2,3-Trichloropropane
Concen: 7.007 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion: 75 Resp: 24591
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.987 ug/l

RT: 12.535 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

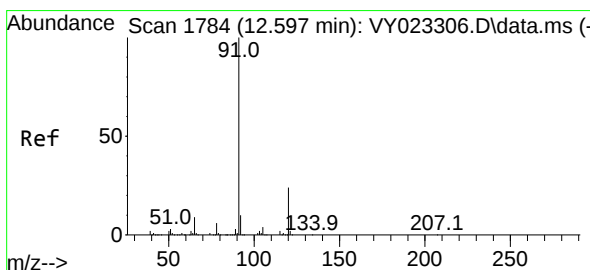
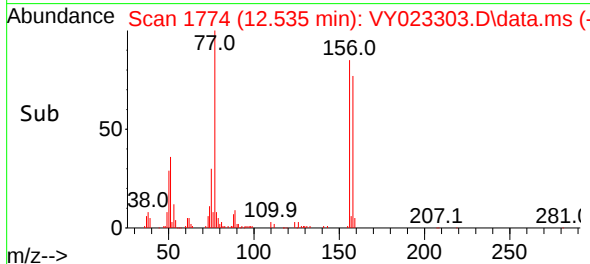
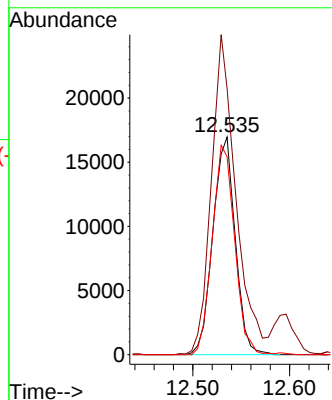
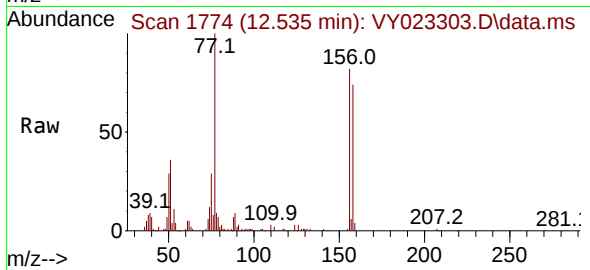
Tgt Ion:156 Resp: 27224

Ion Ratio Lower Upper

156 100

77 160.3 81.3 243.9

158 96.6 48.7 146.1



#78

n-propylbenzene

Concen: 4.620 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY023303.D

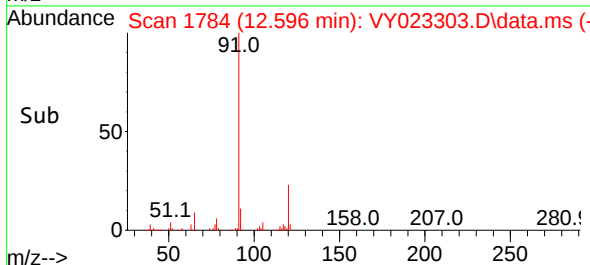
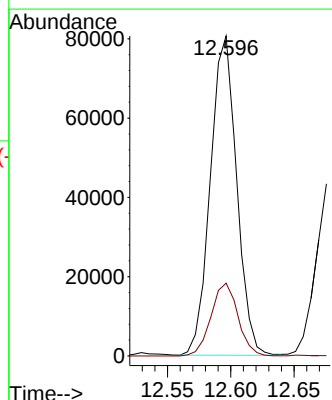
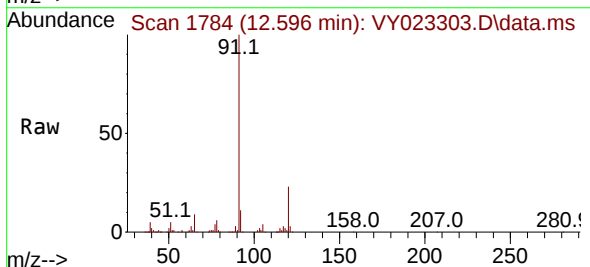
Acq: 08 Sep 2025 10:00

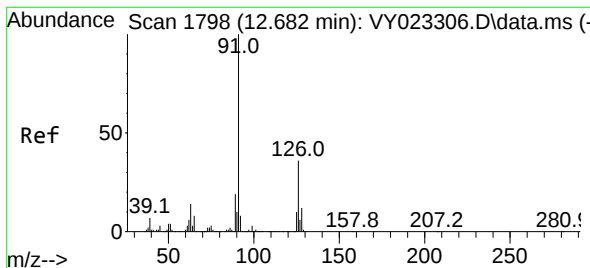
Tgt Ion: 91 Resp: 116336

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.7

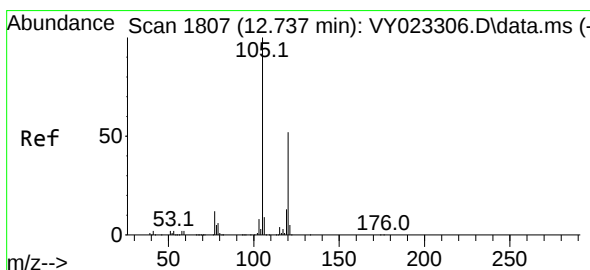
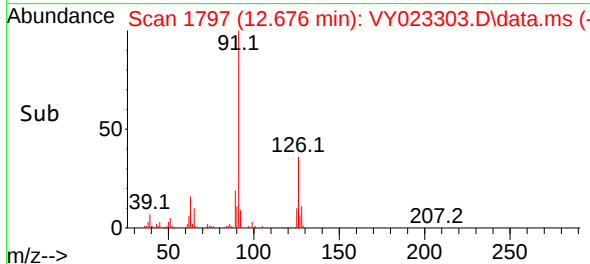
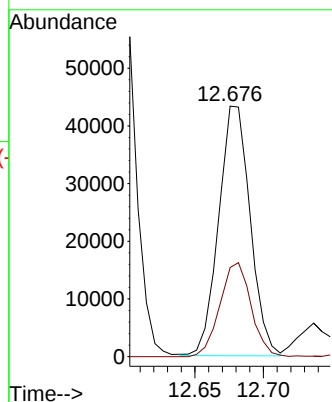
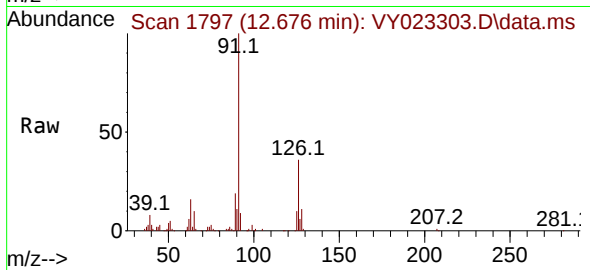




#79
2-Chlorotoluene
Concen: 4.782 ug/l
RT: 12.676 min Scan# 1798
Delta R.T. -0.006 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

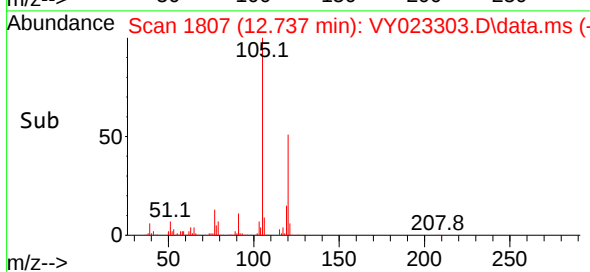
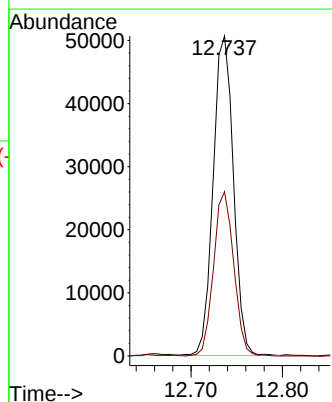
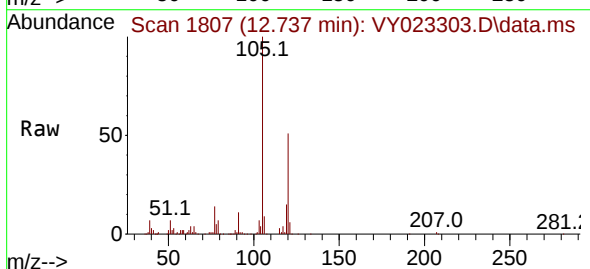
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

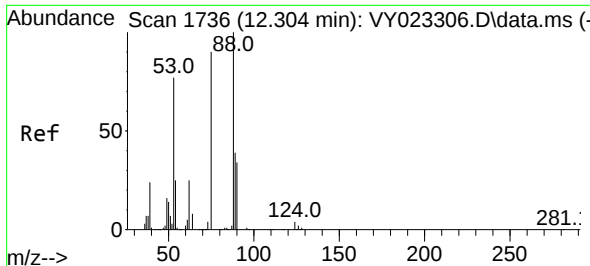
Tgt Ion: 91 Resp: 69356
Ion Ratio Lower Upper
91 100
126 37.3 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 4.498 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion: 105 Resp: 78164
Ion Ratio Lower Upper
105 100
120 51.2 25.4 76.4

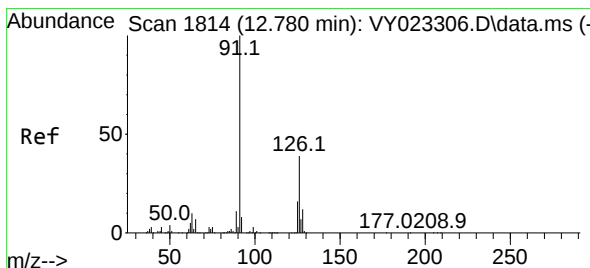
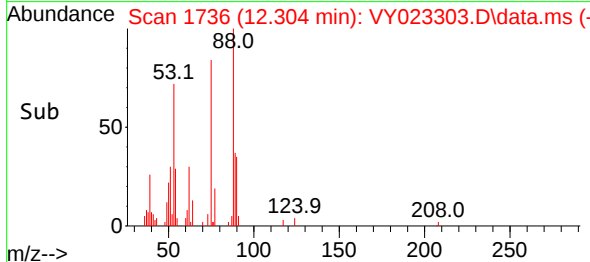
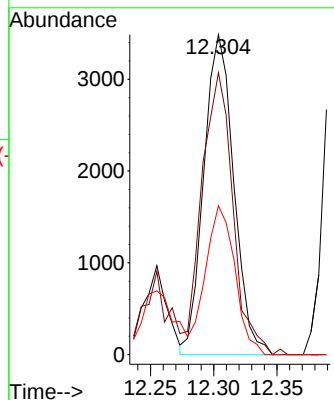
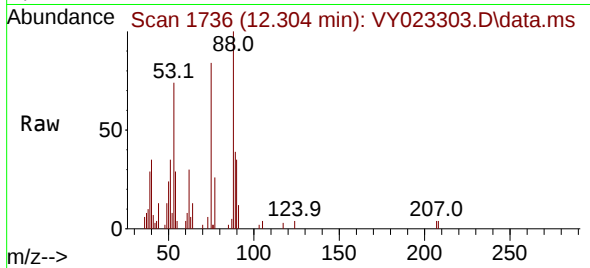




#81
trans-1,4-Dichloro-2-butene
Concen: 4.876 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

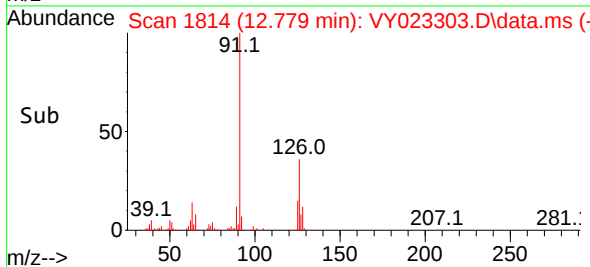
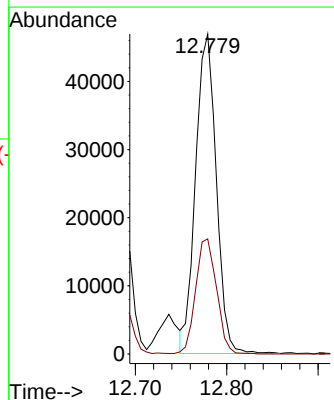
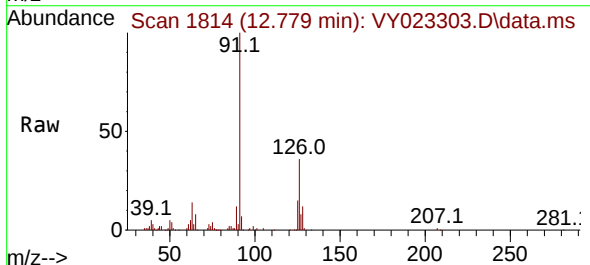
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

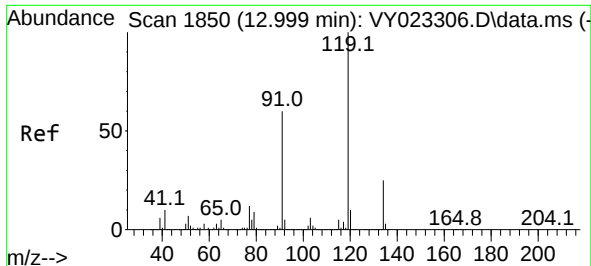
Tgt Ion: 75 Resp: 5743
Ion Ratio Lower Upper
75 100
53 91.6 70.9 106.3
89 45.7 37.4 56.2



#82
4-Chlorotoluene
Concen: 4.854 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion: 91 Resp: 73664
Ion Ratio Lower Upper
91 100
126 36.5 18.3 54.9

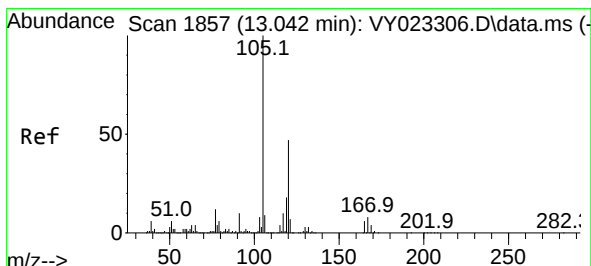
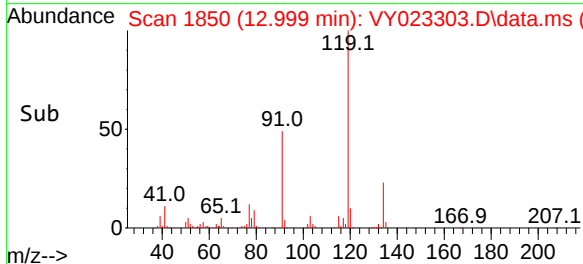
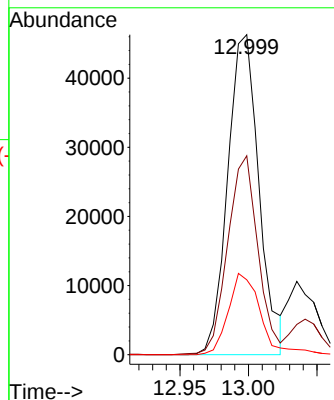
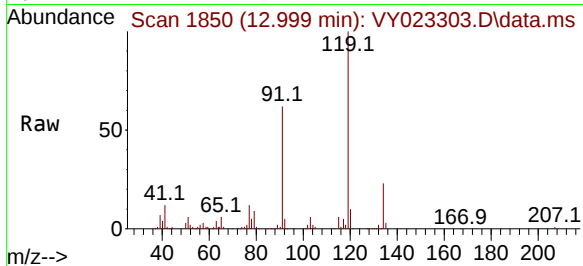




#83
 tert-Butylbenzene
 Concen: 4.686 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VY023303.D
 Acq: 08 Sep 2025 10:00

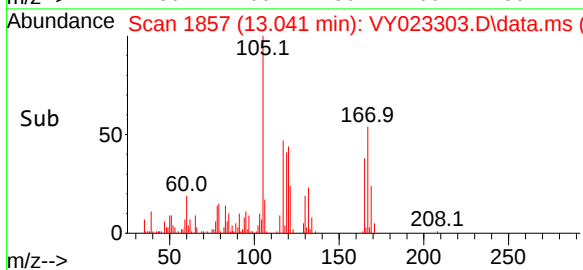
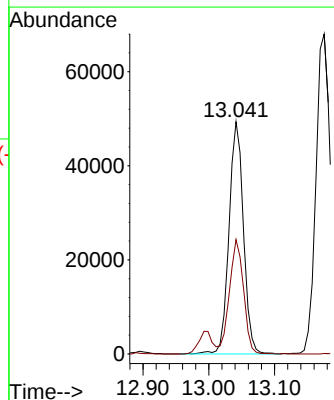
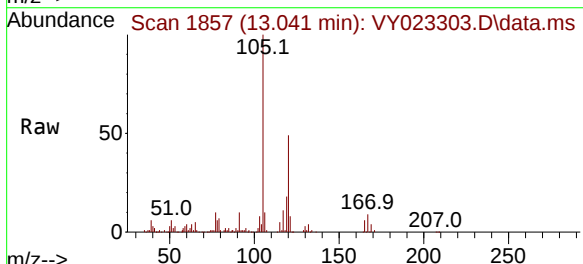
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

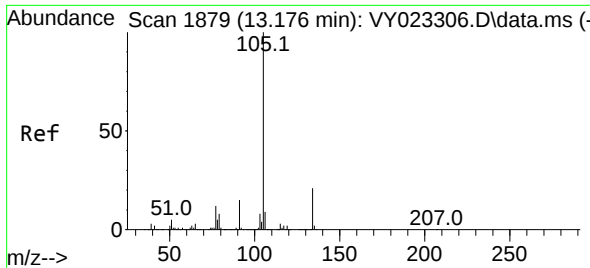
Tgt Ion:119 Resp: 73753
 Ion Ratio Lower Upper
 119 100
 91 60.1 30.3 90.8
 134 26.2 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 4.390 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY023303.D
 Acq: 08 Sep 2025 10:00

Tgt Ion:105 Resp: 75474
 Ion Ratio Lower Upper
 105 100
 120 48.4 23.3 69.8

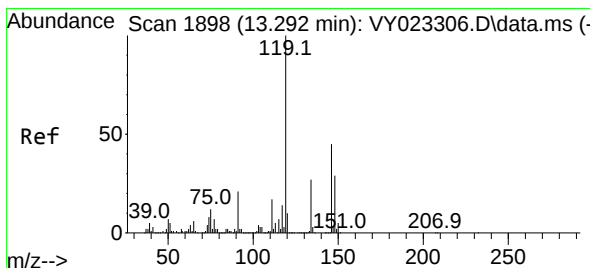
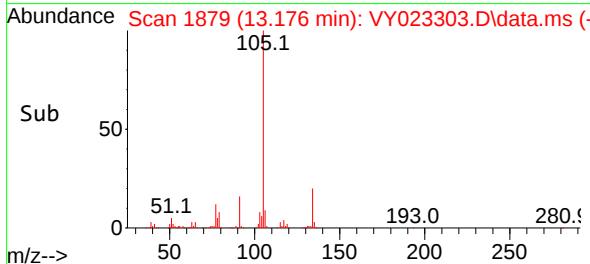
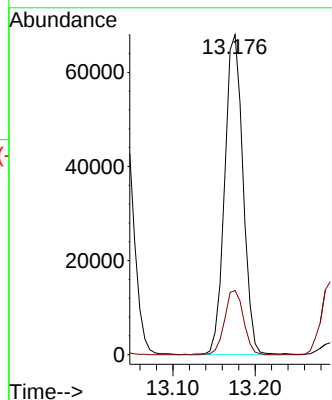
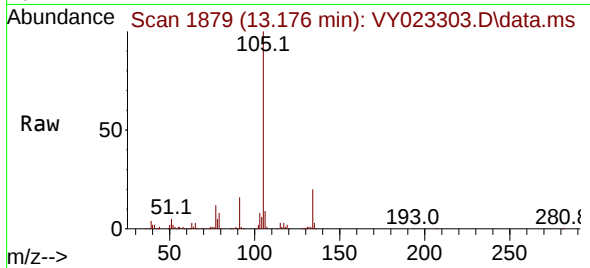




#85
 sec-Butylbenzene
 Concen: 4.601 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY023303.D
 Acq: 08 Sep 2025 10:00

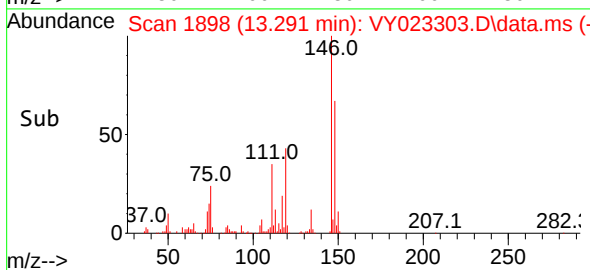
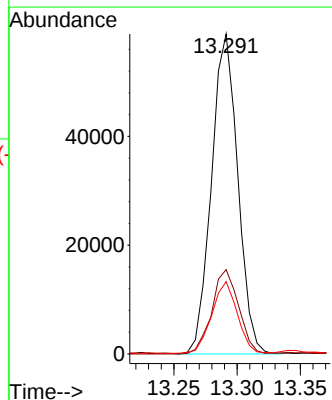
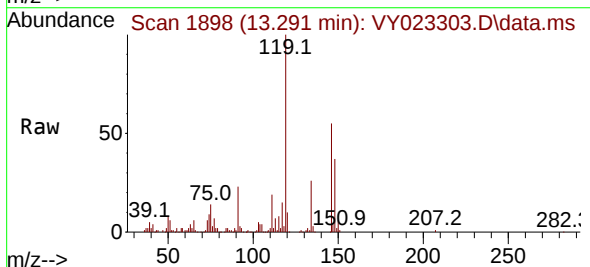
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

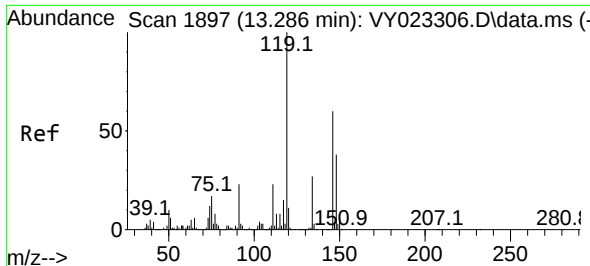
Tgt Ion:105 Resp: 105361
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 4.400 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY023303.D
 Acq: 08 Sep 2025 10:00

Tgt Ion:119 Resp: 85119
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.7
 91 22.4 10.9 32.7

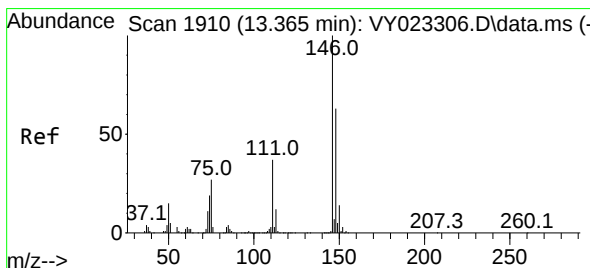
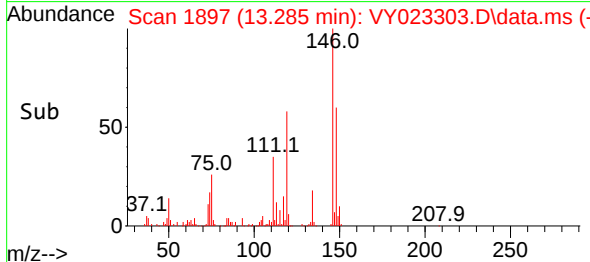
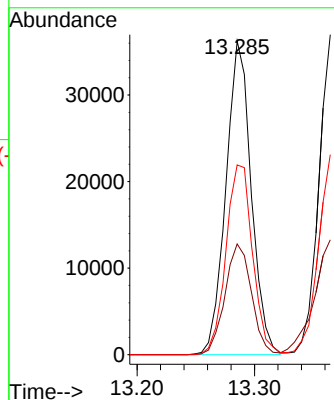
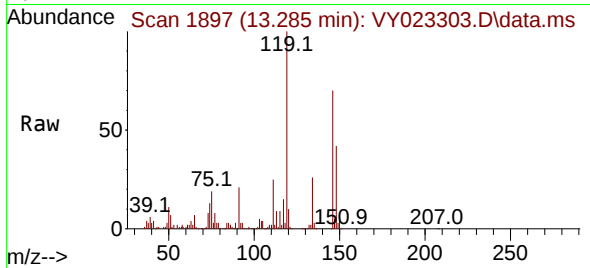




#87
1,3-Dichlorobenzene
Concen: 5.027 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

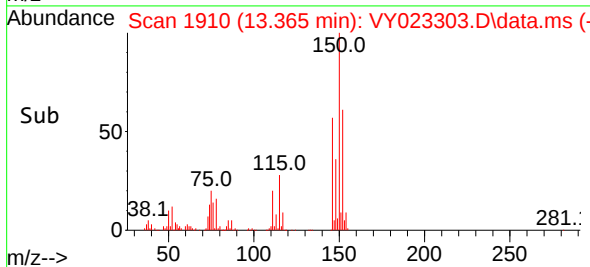
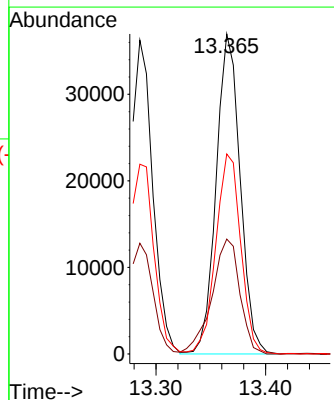
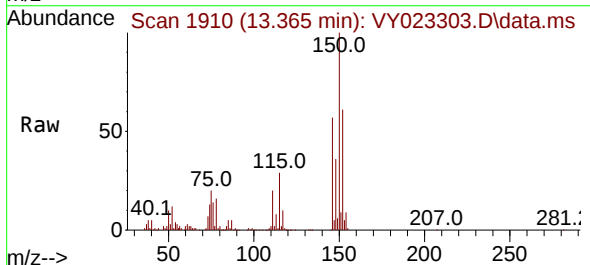
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

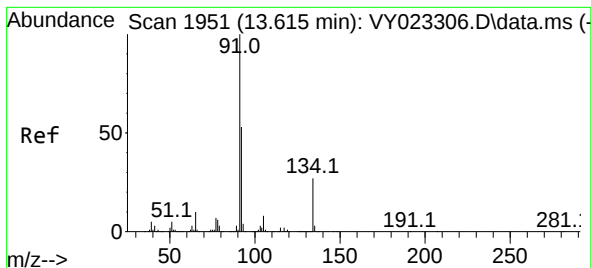
Tgt Ion:146 Resp: 54298
Ion Ratio Lower Upper
146 100
111 37.0 18.7 56.1
148 63.9 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 5.262 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion:146 Resp: 56300
Ion Ratio Lower Upper
146 100
111 41.9 18.3 54.9
148 65.1 31.8 95.3





#89

n-Butylbenzene

Concen: 4.574 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

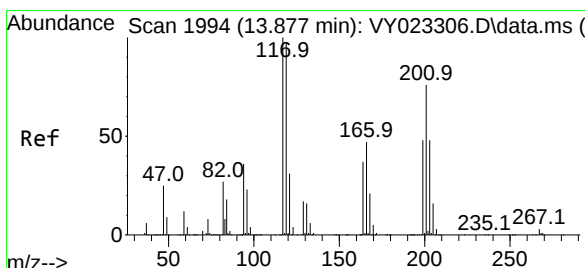
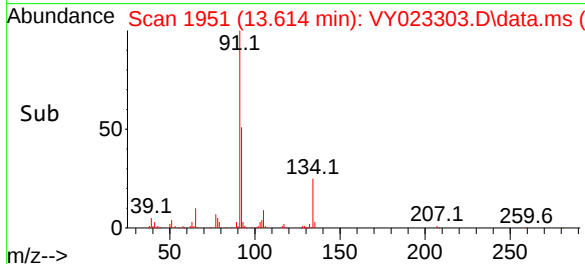
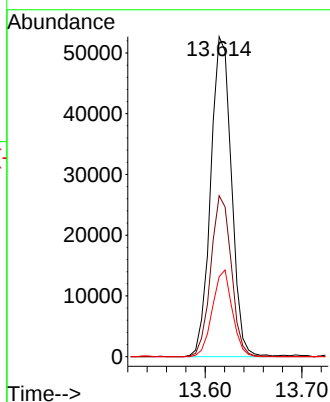
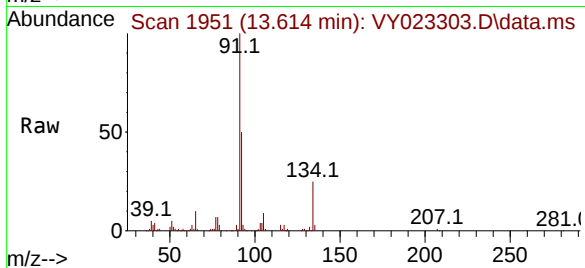
Tgt Ion: 91 Resp: 78467

Ion Ratio Lower Upper

91 100

92 49.9 26.6 79.8

134 25.9 13.6 40.8



#90

Hexachloroethane

Concen: 5.282 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY023303.D

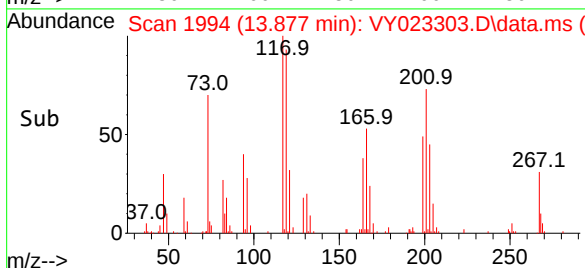
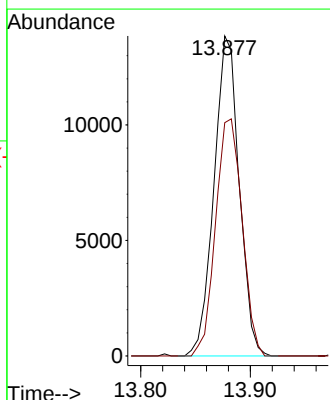
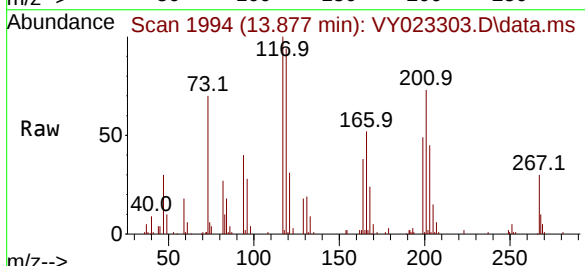
Acq: 08 Sep 2025 10:00

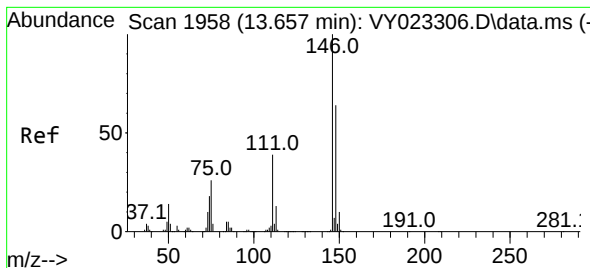
Tgt Ion: 117 Resp: 22151

Ion Ratio Lower Upper

117 100

201 77.8 40.6 121.8





#91

1,2-Dichlorobenzene

Concen: 5.079 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

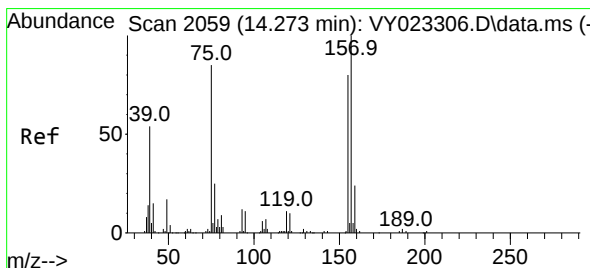
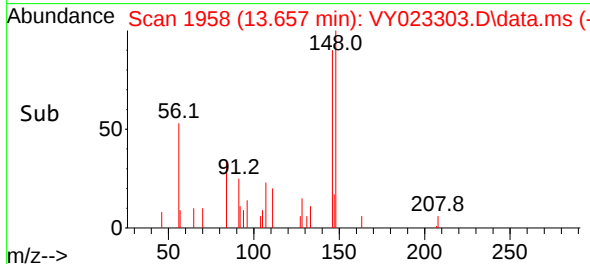
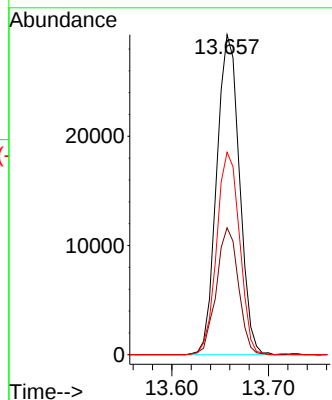
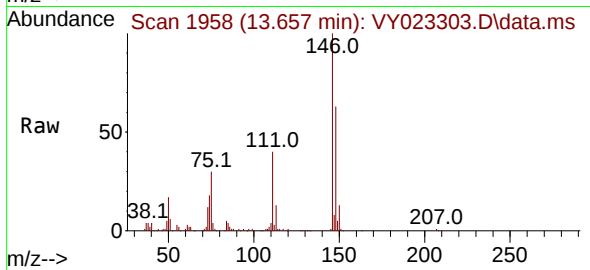
Tgt Ion:146 Resp: 47837

Ion Ratio Lower Upper

146 100

111 38.6 19.6 58.7

148 63.6 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.387 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

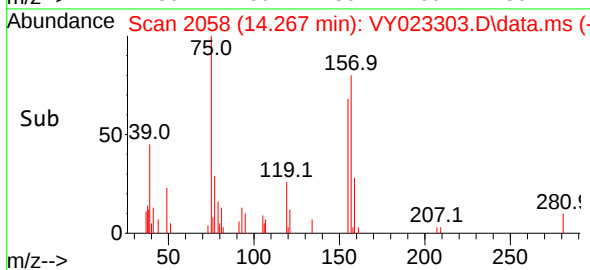
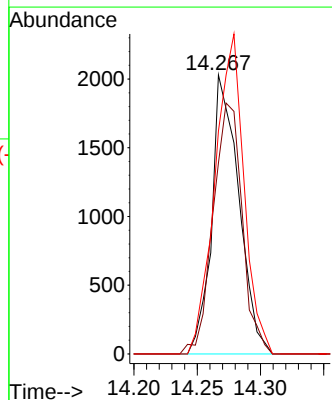
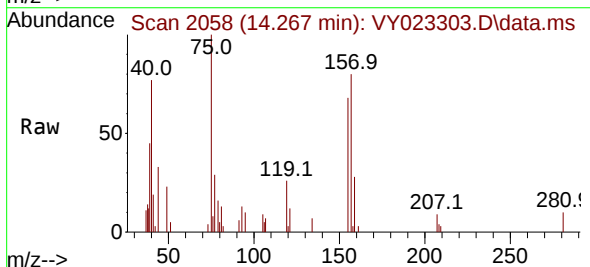
Tgt Ion: 75 Resp: 3031

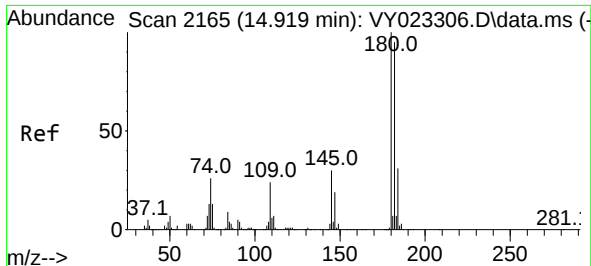
Ion Ratio Lower Upper

75 100

155 96.1 49.0 147.0

157 122.1 62.2 186.6

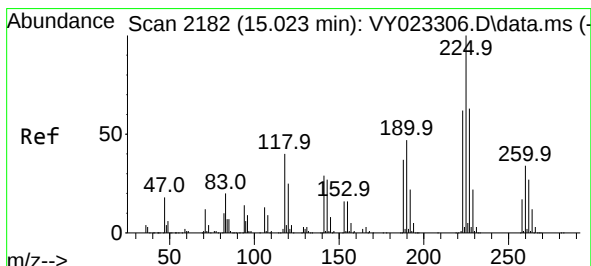
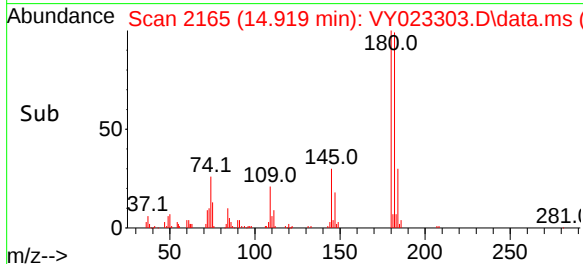
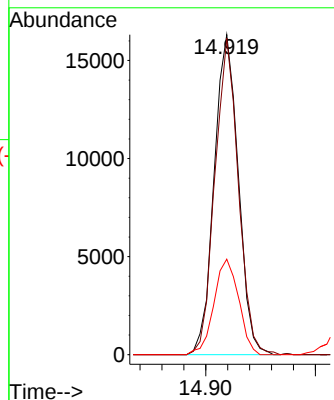
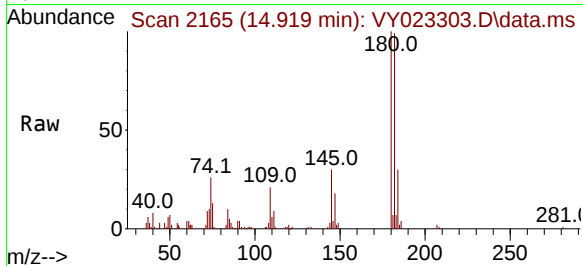




#93
1,2,4-Trichlorobenzene
Concen: 4.541 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

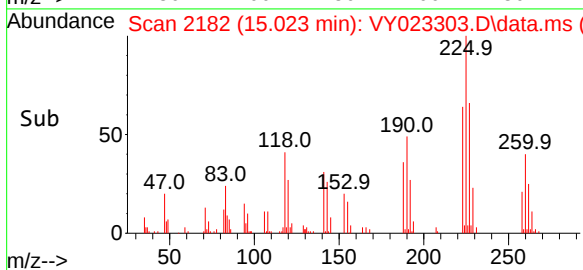
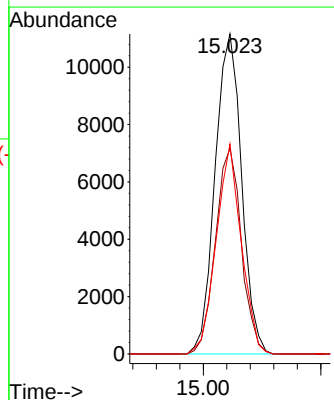
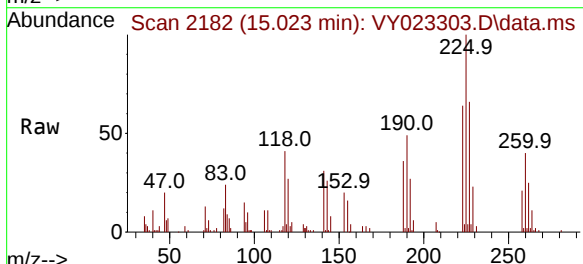
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

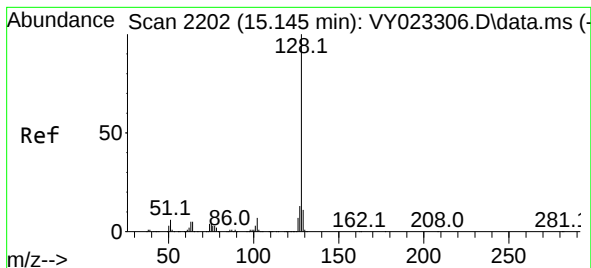
Tgt Ion:180 Resp: 24947
Ion Ratio Lower Upper
180 100
182 96.0 47.6 142.9
145 30.6 14.9 44.9



#94
Hexachlorobutadiene
Concen: 5.154 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY023303.D
Acq: 08 Sep 2025 10:00

Tgt Ion:225 Resp: 17507
Ion Ratio Lower Upper
225 100
223 62.8 31.4 94.2
227 62.1 31.8 95.4





#95

Naphthalene

Concen: 3.970 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

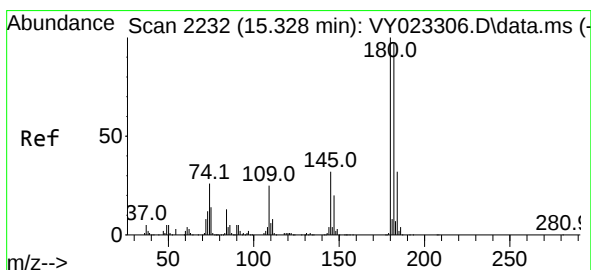
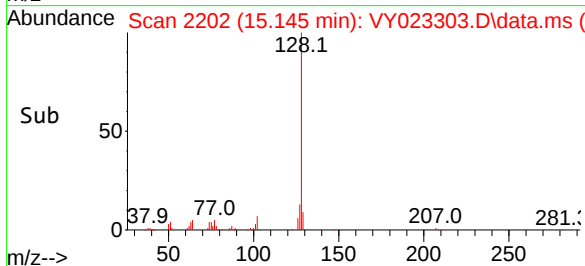
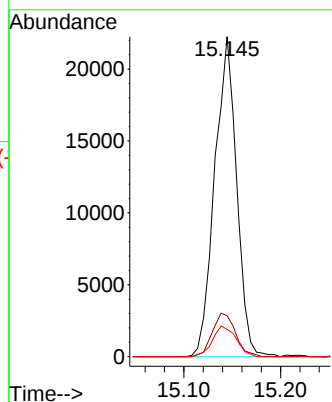
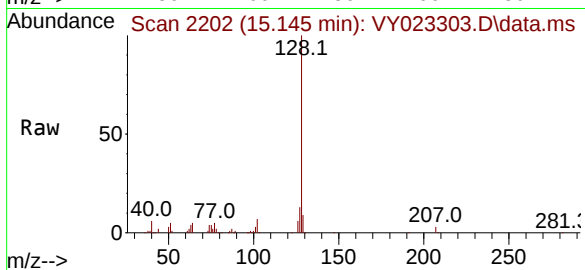
Tgt Ion:128 Resp: 35060

Ion Ratio Lower Upper

128 100

127 14.3 10.6 15.8

129 10.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 4.633 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023303.D

Acq: 08 Sep 2025 10:00

Tgt Ion:180 Resp: 22103

Ion Ratio Lower Upper

180 100

182 93.5 47.5 142.5

145 30.1 15.6 46.8

