

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
 Data File : VY023662.D
 Acq On : 04 Nov 2025 09:42
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Nov 05 04:26:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:24:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	529353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	803774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	690563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	340245	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	45020	9.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	19.940%#
35) Dibromofluoromethane	7.640	113	50749	10.103	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.200%#
50) Toluene-d8	10.109	98	184529	9.862	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	19.720%#
62) 4-Bromofluorobenzene	12.401	95	56847	9.395	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	18.780%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	40187	11.565	ug/l	97
3) Chloromethane	2.074	50	54024	11.110	ug/l	100
4) Vinyl Chloride	2.208	62	70038	11.069	ug/l	98
5) Bromomethane	2.598	94	58773	11.043	ug/l	94
6) Chloroethane	2.738	64	48132	11.006	ug/l	100
7) Trichlorofluoromethane	3.055	101	96161	10.791	ug/l	100
8) Diethyl Ether	3.458	74	24107	10.088	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.817	101	53535	10.904	ug/l	99
10) Methyl Iodide	4.006	142	57829	9.974	ug/l	99
11) Tert butyl alcohol	4.866	59	14032	48.194	ug/l	97
12) 1,1-Dichloroethene	3.793	96	48878	10.335	ug/l	97
13) Acrolein	3.653	56	19002	50.776	ug/l	97
14) Allyl chloride	4.390	41	56587	9.830	ug/l	99
15) Acrylonitrile	5.067	53	42033	46.026	ug/l	98
16) Acetone	3.872	43	55971	49.867	ug/l	99
17) Carbon Disulfide	4.110	76	155402	10.705	ug/l	100
18) Methyl Acetate	4.390	43	21794	8.803	ug/l	95
19) Methyl tert-butyl Ether	5.122	73	100086	9.126	ug/l	92
20) Methylene Chloride	4.622	84	56341	10.398	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	54511	10.222	ug/l	97
22) Diisopropyl ether	6.018	45	123533	9.630	ug/l #	90
23) Vinyl Acetate	5.963	43	311609	45.522	ug/l	98
24) 1,1-Dichloroethane	5.921	63	86555	10.129	ug/l	97
25) 2-Butanone	6.896	43	59816	46.094	ug/l	99
26) 2,2-Dichloropropane	6.890	77	80230	10.207	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	61638	10.120	ug/l	99
28) Bromochloromethane	7.250	49	34809	10.638	ug/l	94
29) Tetrahydrofuran	7.274	42	31053	44.932	ug/l	96
30) Chloroform	7.420	83	98898	10.373	ug/l	98
31) Cyclohexane	7.707	56	76145	10.232	ug/l #	89
32) 1,1,1-Trichloroethane	7.615	97	88141	10.343	ug/l	99
36) 1,1-Dichloropropene	7.841	75	66838	9.958	ug/l	100
37) Ethyl Acetate	6.987	43	24198	9.313	ug/l	98
38) Carbon Tetrachloride	7.817	117	78995	9.989	ug/l	97
39) Methylcyclohexane	9.109	83	79613	9.283	ug/l	95
40) Benzene	8.079	78	212456	10.042	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	9312	6.719	ug/l #	60
42) 1,2-Dichloroethane	8.158	62	53223	9.943	ug/l	98
43) Isopropyl Acetate	8.201	43	42964	8.800	ug/l	97
44) Trichloroethene	8.865	130	61596	10.136	ug/l	100
45) 1,2-Dichloropropane	9.139	63	45808	9.810	ug/l	95
46) Dibromomethane	9.231	93	27595	9.538	ug/l	99
47) Bromodichloromethane	9.426	83	71048	9.740	ug/l	96
48) Methyl methacrylate	9.225	41	18849	8.172	ug/l	95
49) 1,4-Dioxane	9.231	88	5062	170.965	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	109221	42.067	ug/l	98
52) Toluene	10.170	92	130648	9.672	ug/l	99
53) t-1,3-Dichloropropene	10.395	75	56121	9.093	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	69773	9.436	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	37044	9.581	ug/l	94
56) Ethyl methacrylate	10.438	69	32716	7.680	ug/l	97
57) 1,3-Dichloropropane	10.718	76	58301	9.506	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	78241	40.025	ug/l	99
59) 2-Hexanone	10.761	43	79804	42.130	ug/l	95
60) Dibromochloromethane	10.914	129	50465	9.499	ug/l	100
61) 1,2-Dibromoethane	11.017	107	33380	9.199	ug/l	97
64) Tetrachloroethene	10.645	164	75769	10.541	ug/l	98
65) Chlorobenzene	11.444	112	151288	10.063	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	52459	9.868	ug/l	97
67) Ethyl Benzene	11.517	91	229438	9.430	ug/l	100
68) m/p-Xylenes	11.627	106	185401	19.072	ug/l	100
69) o-Xylene	11.956	106	82846	9.219	ug/l	99
70) Styrene	11.968	104	135208	9.119	ug/l	99
71) Bromoform	12.133	173	28921	9.315	ug/l #	99
73) Isopropylbenzene	12.255	105	217972	9.579	ug/l	99
74) N-amyl acetate	12.066	43	32719	8.492	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	33622	9.251	ug/l	96
76) 1,2,3-Trichloropropane	12.553	75	46336	16.827	ug/l #	100
77) Bromobenzene	12.529	156	58175	9.855	ug/l	99
78) n-propylbenzene	12.596	91	257281	9.612	ug/l	100
79) 2-Chlorotoluene	12.675	91	152691	9.830	ug/l	99
80) 1,3,5-Trimethylbenzene	12.736	105	177222	9.585	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	11473	9.416	ug/l	95
82) 4-Chlorotoluene	12.773	91	158206	9.876	ug/l	100
83) tert-Butylbenzene	12.999	119	158294	9.400	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	177023	9.667	ug/l	100
85) sec-Butylbenzene	13.175	105	236332	9.730	ug/l	100
86) p-Isopropyltoluene	13.291	119	192560	9.365	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	115903	9.976	ug/l	100
88) 1,4-Dichlorobenzene	13.364	146	114652	10.046	ug/l	96
89) n-Butylbenzene	13.614	91	166099	9.290	ug/l	99
90) Hexachloroethane	13.876	117	44630	10.101	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	99858	9.974	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5202	9.296	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	50808	8.872	ug/l	98
94) Hexachlorobutadiene	15.023	225	37521	9.999	ug/l	99
95) Naphthalene	15.144	128	64530	11.029	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	41611	8.697	ug/l	98

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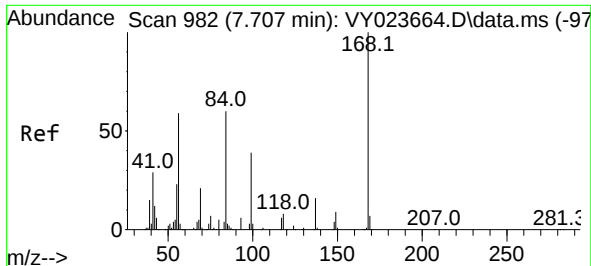
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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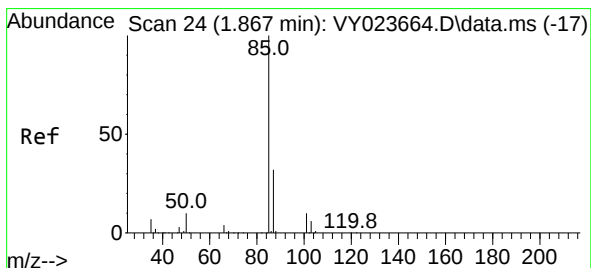
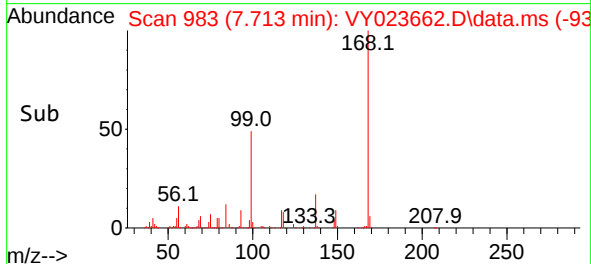
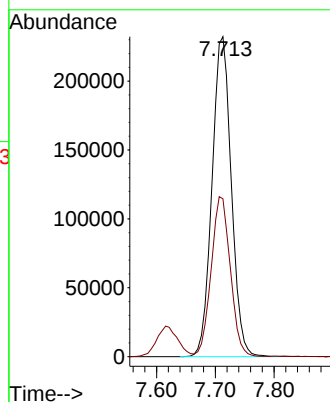
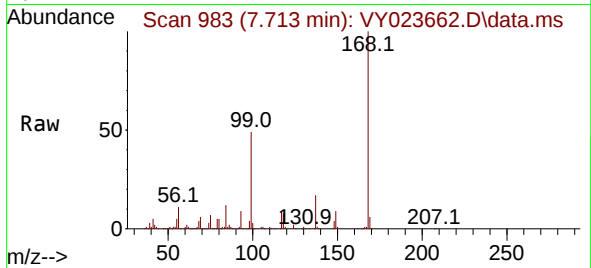




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

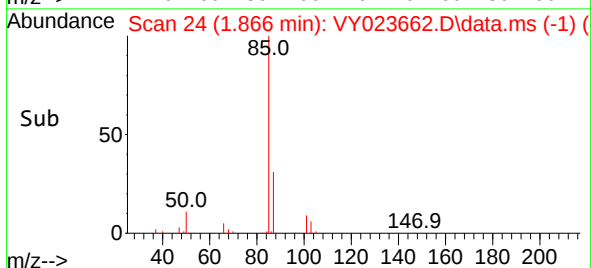
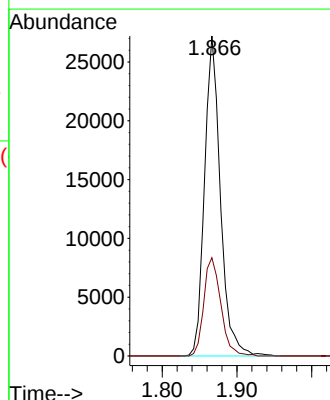
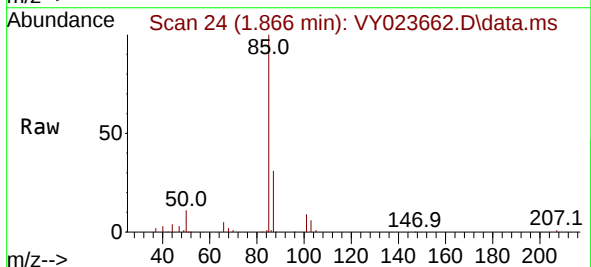
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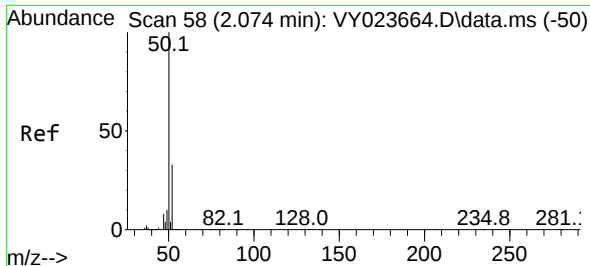
Tgt Ion:168 Resp: 529353
Ion Ratio Lower Upper
168 100
99 49.3 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 11.565 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion: 85 Resp: 40187
Ion Ratio Lower Upper
85 100
87 30.7 16.2 48.6

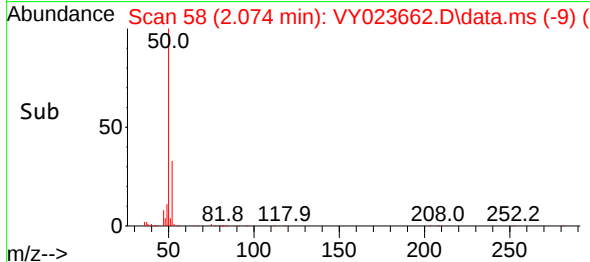
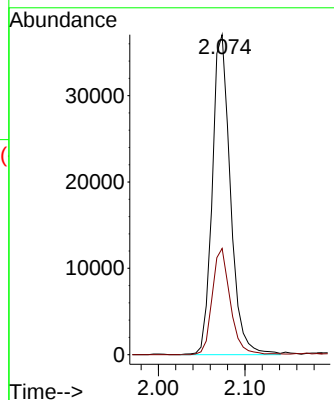
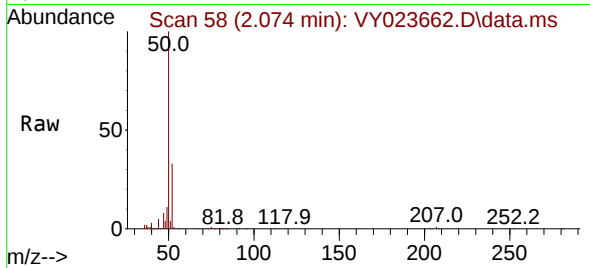




#3
Chloromethane
Concen: 11.110 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

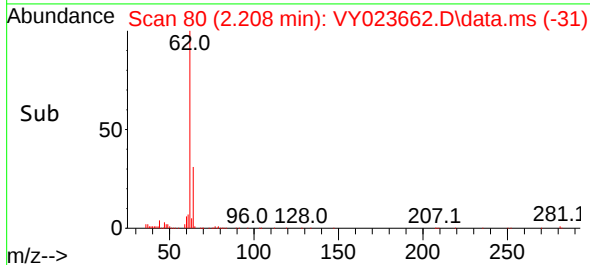
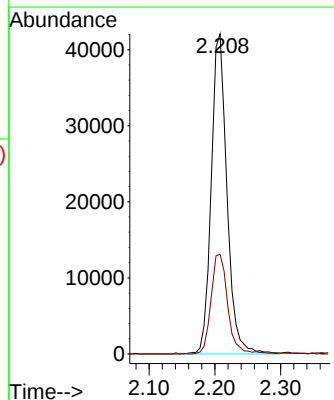
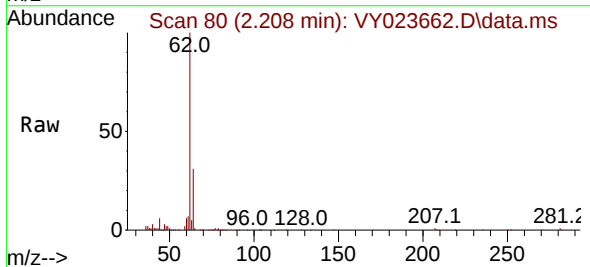
Instrument :
MSVOA_Y
ClientSampleId :
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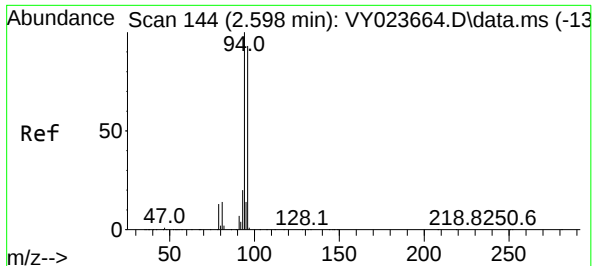
Tgt Ion: 50 Resp: 54024
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7



#4
Vinyl Chloride
Concen: 11.069 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion: 62 Resp: 70038
Ion Ratio Lower Upper
62 100
64 31.2 25.7 38.5

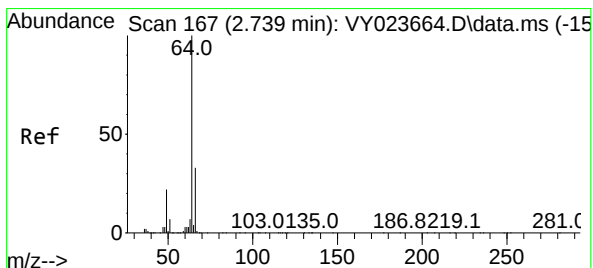
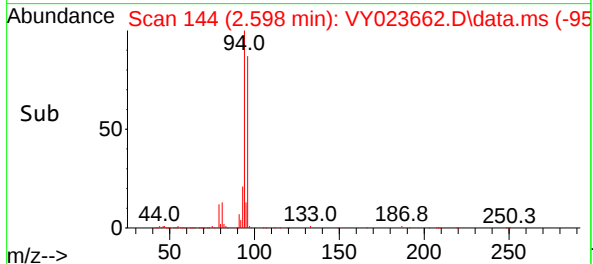
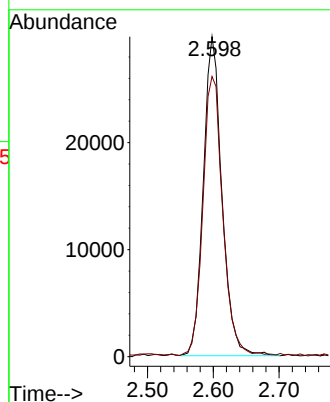
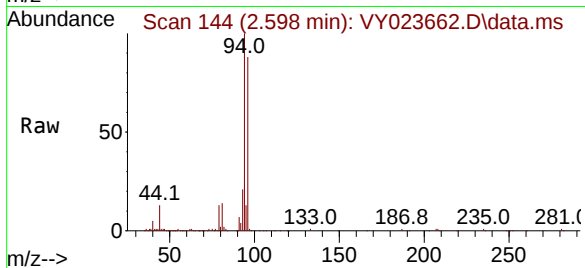




#5
Bromomethane
Concen: 11.043 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

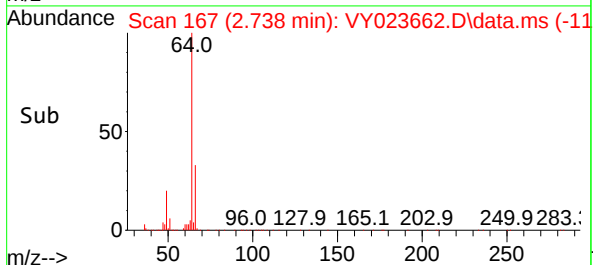
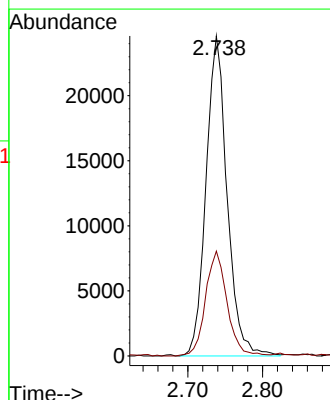
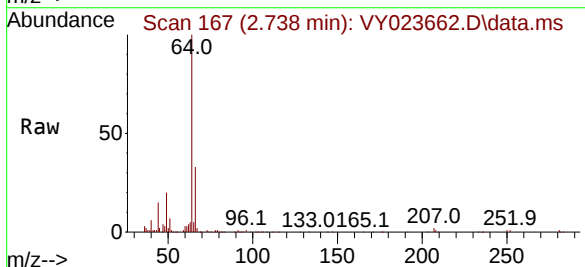
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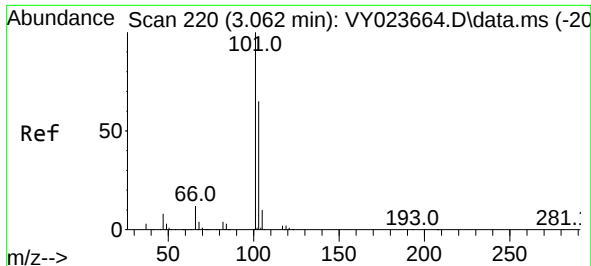
Tgt Ion: 94 Resp: 58773
Ion Ratio Lower Upper
94 100
96 87.4 74.4 111.6



#6
Chloroethane
Concen: 11.006 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion: 64 Resp: 48132
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4

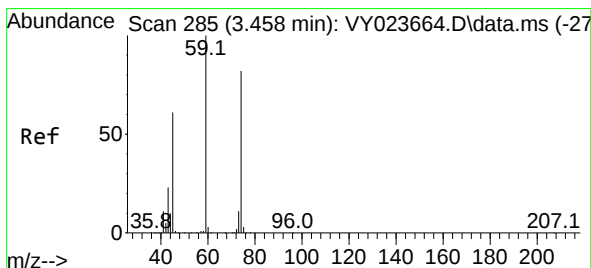
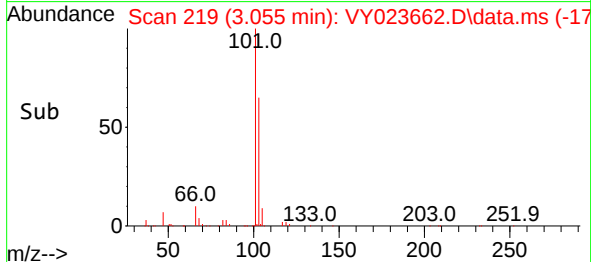
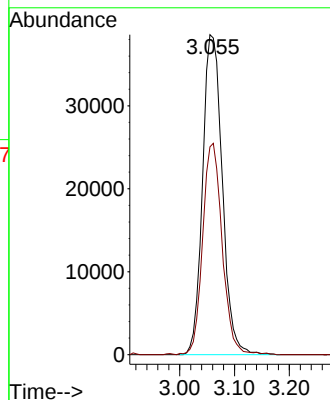
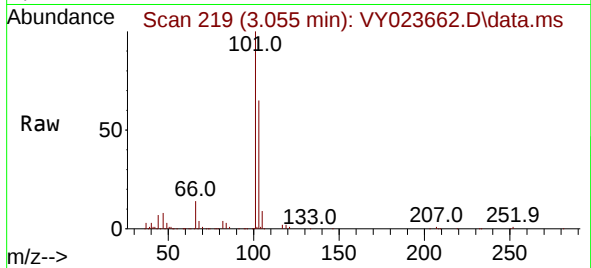




#7
Trichlorofluoromethane
Concen: 10.791 ug/l
RT: 3.055 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

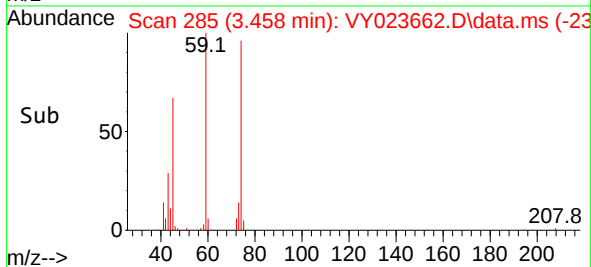
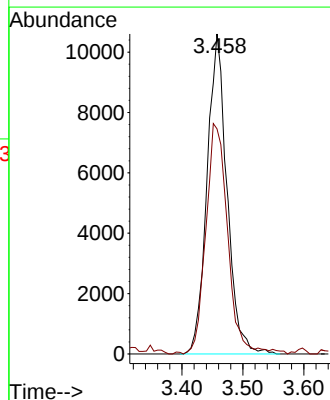
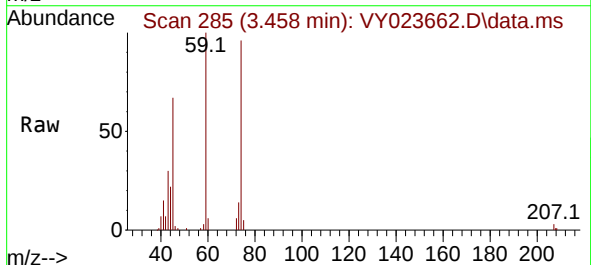
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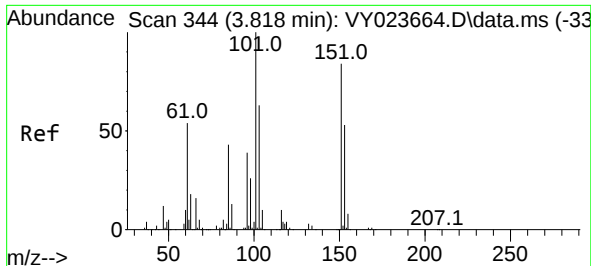
Tgt Ion:101 Resp: 96161
Ion Ratio Lower Upper
101 100
103 65.0 52.1 78.1



#8
Diethyl Ether
Concen: 10.088 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion: 74 Resp: 24107
Ion Ratio Lower Upper
74 100
45 79.2 40.6 121.7

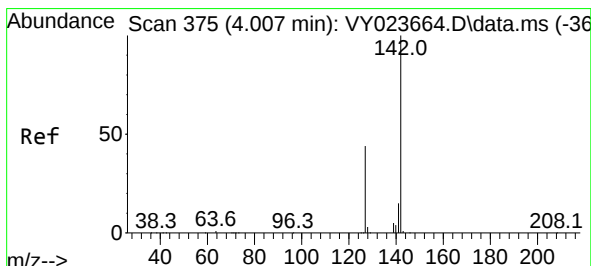
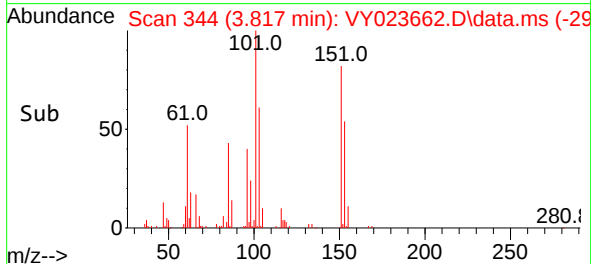
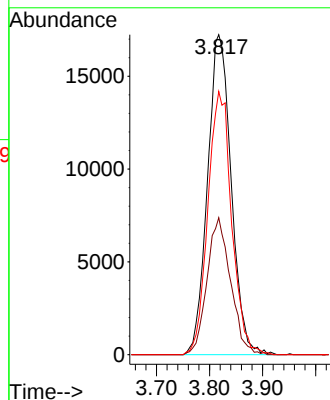
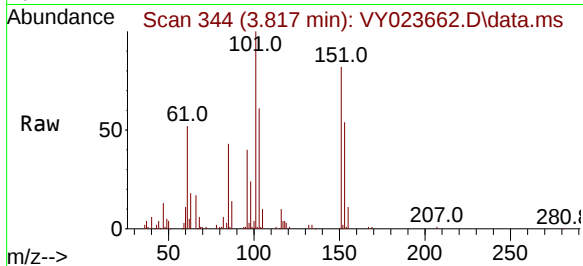




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.904 ug/l
RT: 3.817 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY023662.D
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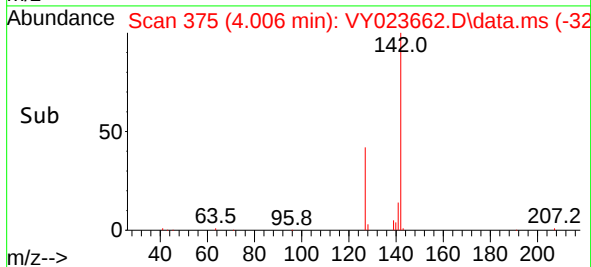
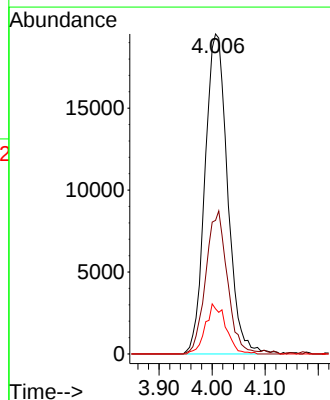
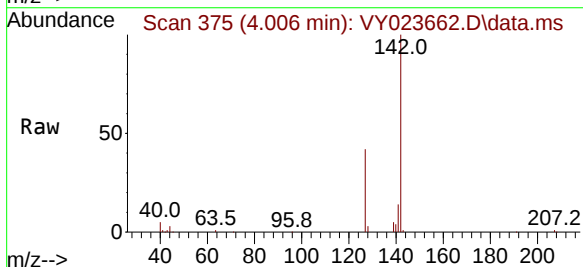
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ClientSampleId :
VSTDIC010

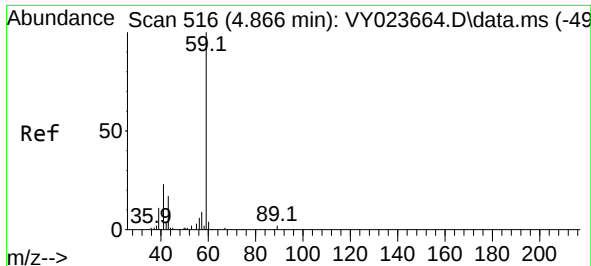
Tgt Ion:101 Resp: 53535
Ion Ratio Lower Upper
101 100
85 42.5 34.4 51.6
151 82.7 65.6 98.4



#10
Methyl Iodide
Concen: 9.974 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion:142 Resp: 57829
Ion Ratio Lower Upper
142 100
127 42.8 34.6 51.8
141 14.2 11.6 17.4

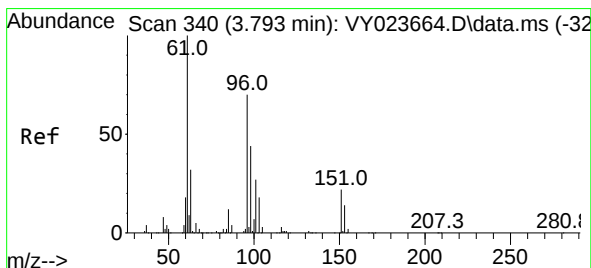
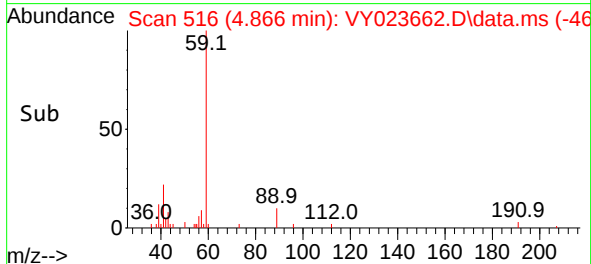
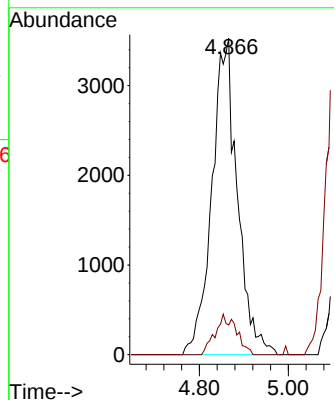
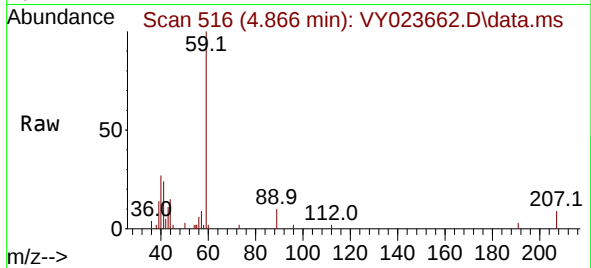




#11
Tert butyl alcohol
Concen: 48.194 ug/l
RT: 4.866 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

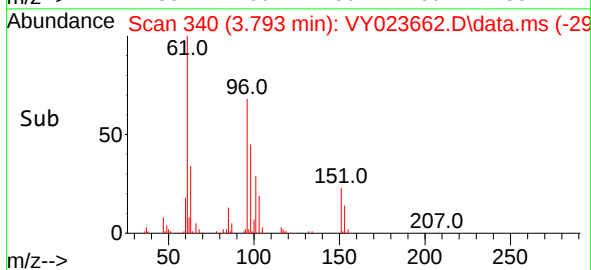
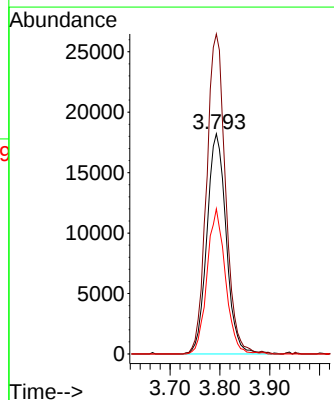
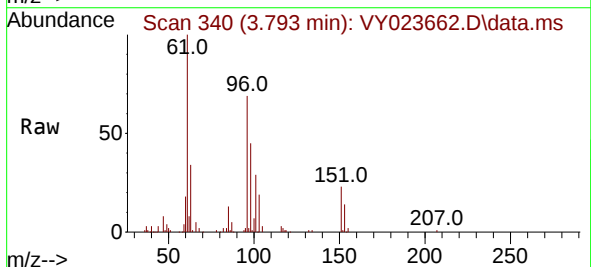
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

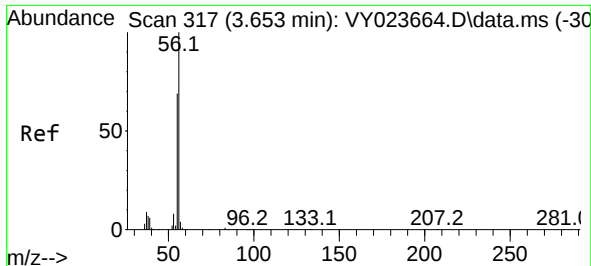
Tgt Ion: 59 Resp: 14032
Ion Ratio Lower Upper
59 100
57 10.6 7.4 11.2



#12
1,1-Dichloroethene
Concen: 10.335 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion: 96 Resp: 48878
Ion Ratio Lower Upper
96 100
61 145.4 114.0 171.0
98 65.9 50.2 75.2

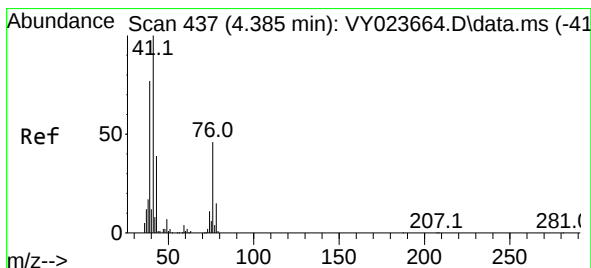
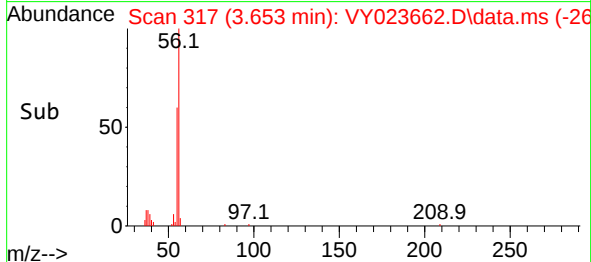
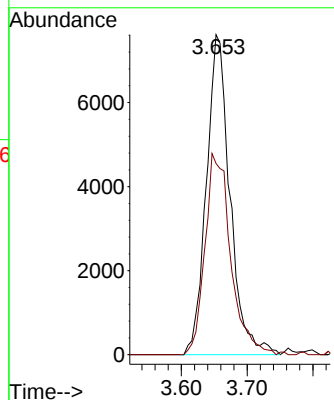
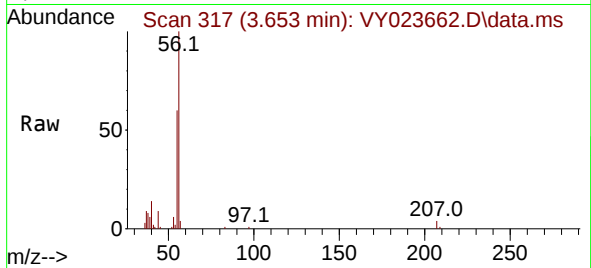




#13
Acrolein
Concen: 50.776 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

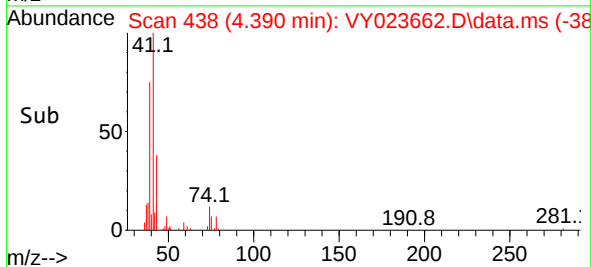
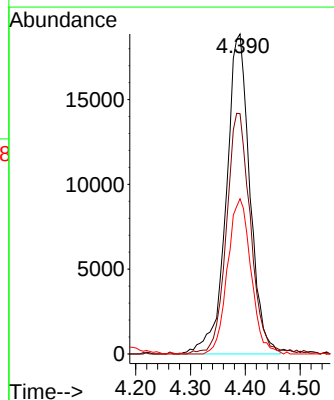
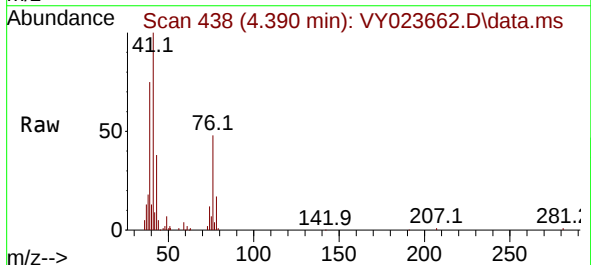
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

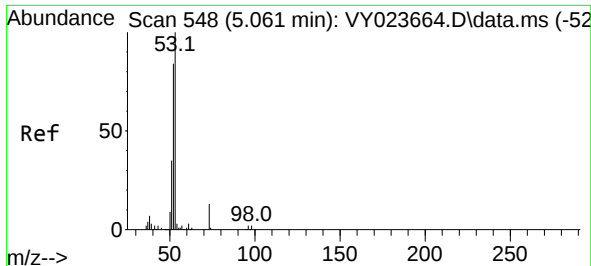
Tgt Ion: 56 Resp: 19002
Ion Ratio Lower Upper
56 100
55 68.4 56.6 84.8



#14
Allyl chloride
Concen: 9.830 ug/l
RT: 4.390 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion: 41 Resp: 56587
Ion Ratio Lower Upper
41 100
39 76.9 60.4 90.6
76 48.1 38.0 57.0





#15

Acrylonitrile

Concen: 46.026 ug/l

RT: 5.067 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

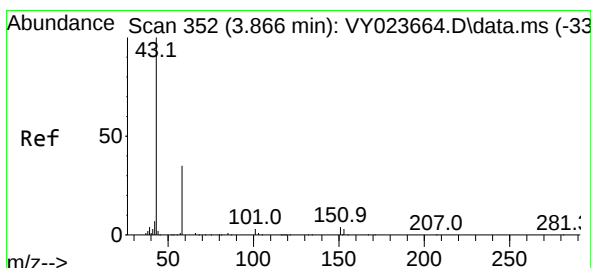
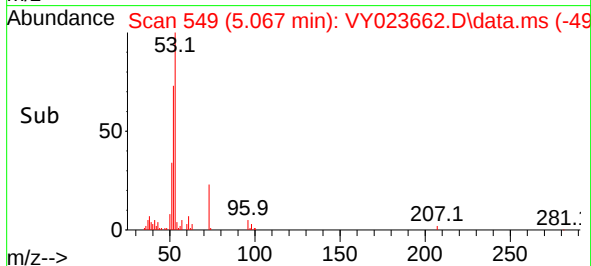
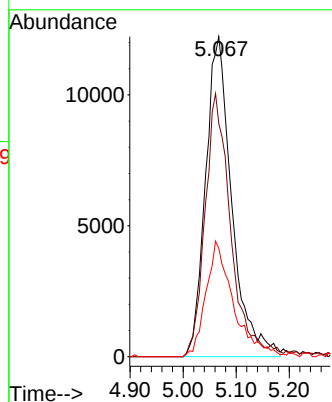
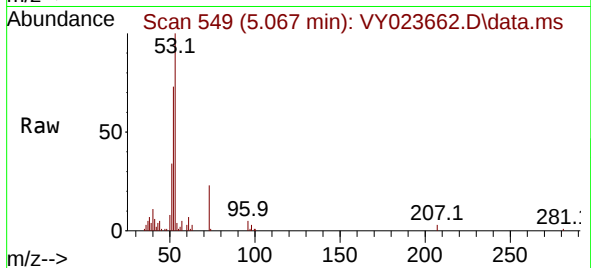
Tgt Ion: 53 Resp: 42033

Ion Ratio Lower Upper

53 100

52 79.0 64.9 97.3

51 37.8 29.4 44.0



#16

Acetone

Concen: 49.867 ug/l

RT: 3.872 min Scan# 353

Delta R.T. 0.006 min

Lab File: VY023662.D

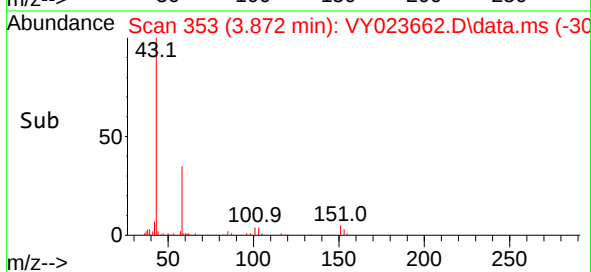
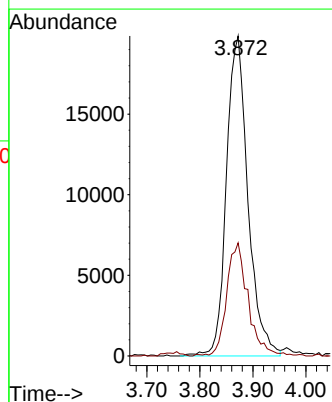
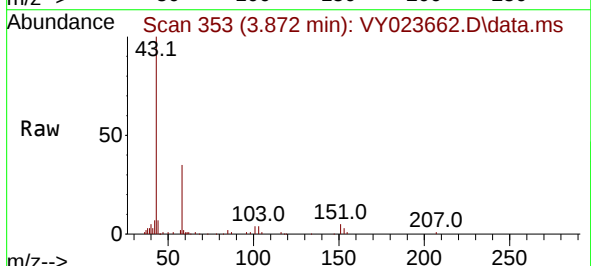
Acq: 04 Nov 2025 09:42

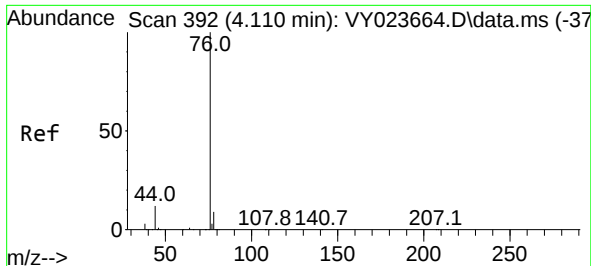
Tgt Ion: 43 Resp: 55971

Ion Ratio Lower Upper

43 100

58 34.7 28.2 42.4

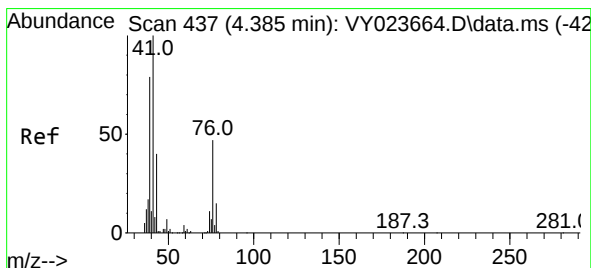
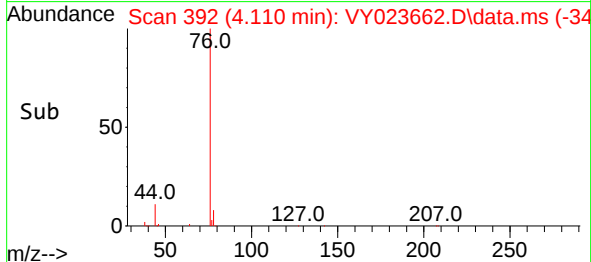
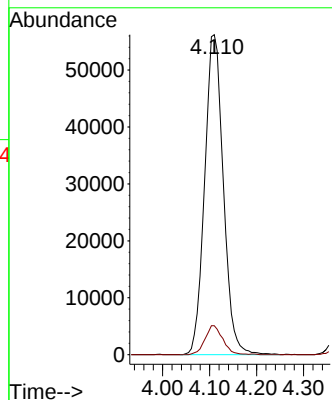
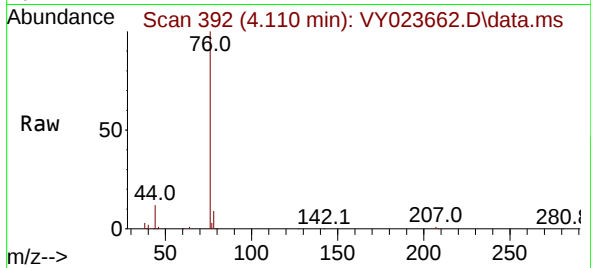




#17
Carbon Disulfide
Concen: 10.705 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

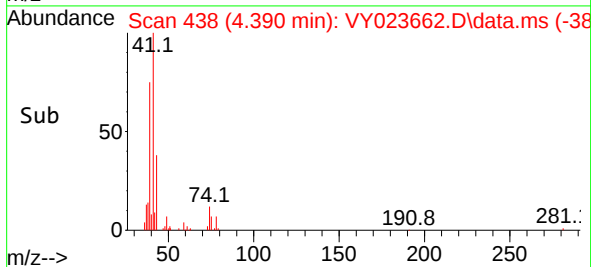
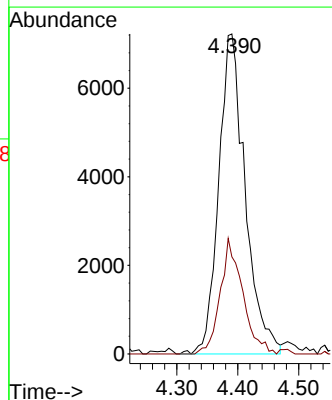
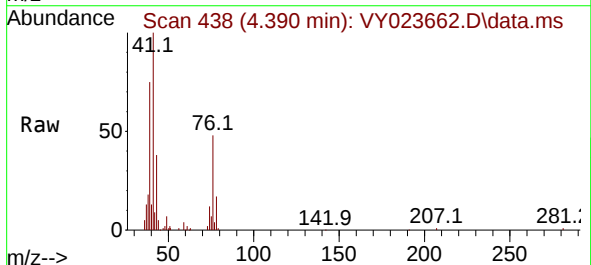
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 155402
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 8.803 ug/l
RT: 4.390 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion: 43 Resp: 21794
Ion Ratio Lower Upper
43 100
74 30.7 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 9.126 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

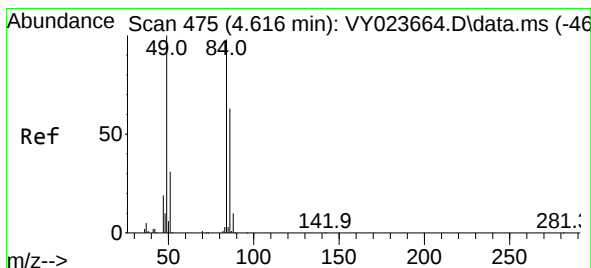
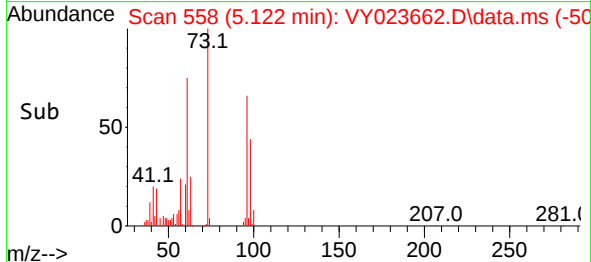
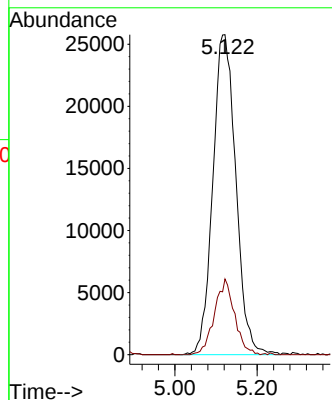
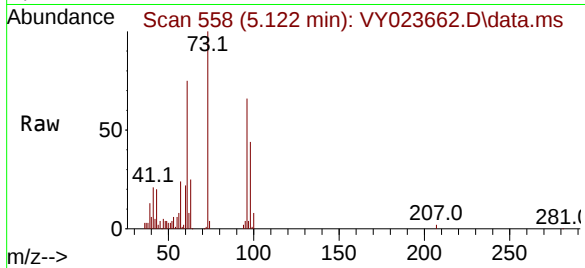
VSTDIC010

Tgt Ion: 73 Resp: 100086

Ion Ratio Lower Upper

73 100

57 23.6 16.1 24.1



#20

Methylene Chloride

Concen: 10.398 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

Tgt Ion: 84 Resp: 56341

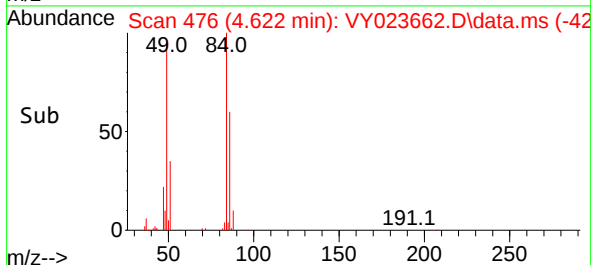
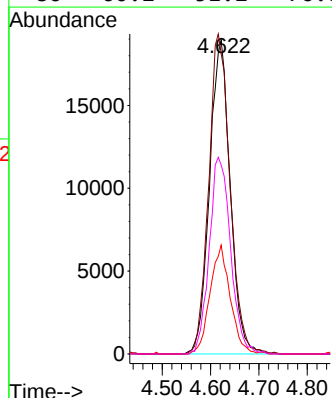
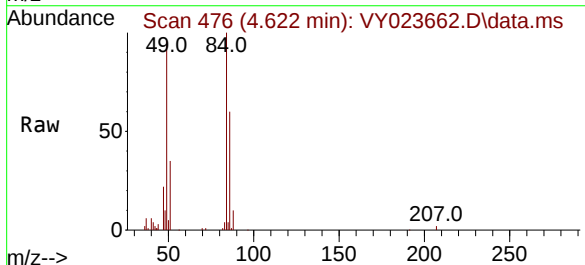
Ion Ratio Lower Upper

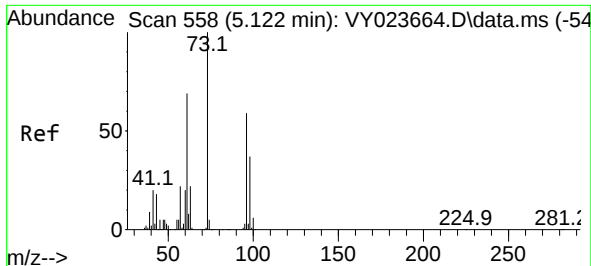
84 100

49 95.8 81.5 122.3

51 34.7 25.5 38.3

86 60.2 51.2 76.8

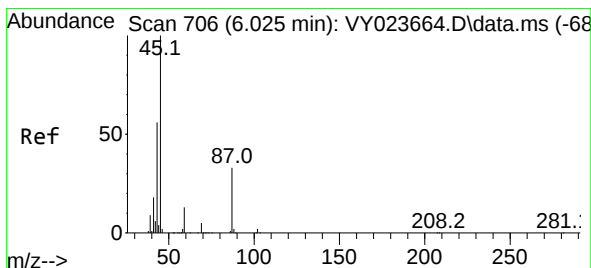
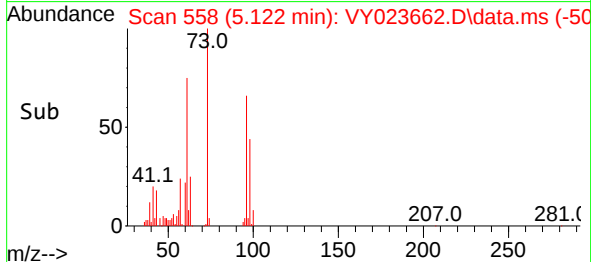
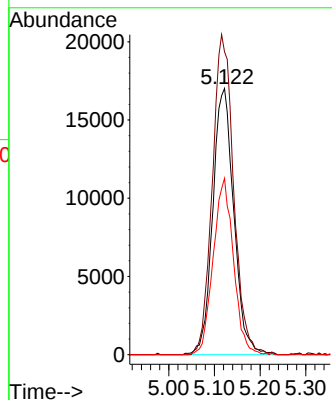
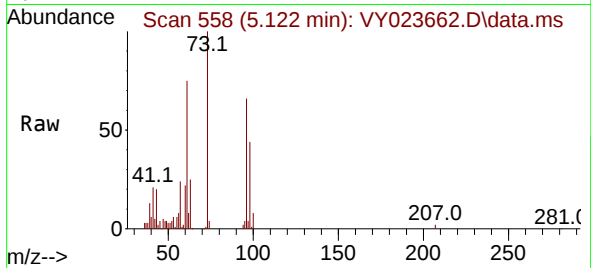




#21
trans-1,2-Dichloroethene
Concen: 10.222 ug/l
RT: 5.122 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

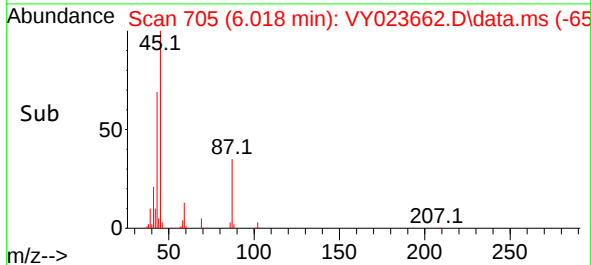
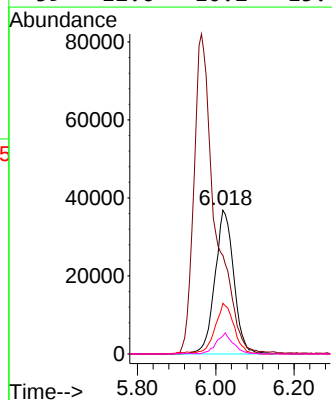
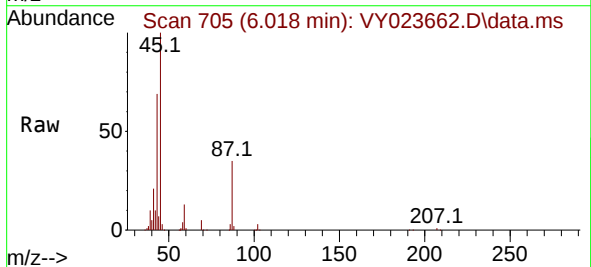
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

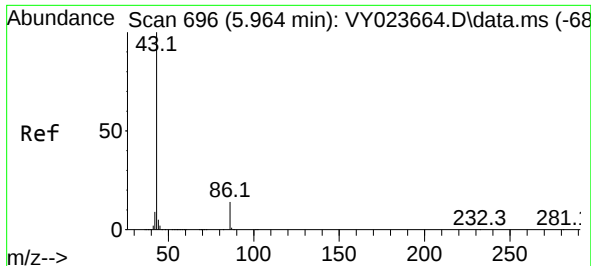
Tgt Ion: 96 Resp: 54511
Ion Ratio Lower Upper
96 100
61 113.8 93.3 139.9
98 66.2 50.6 75.8



#22
Diisopropyl ether
Concen: 9.630 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion: 45 Resp: 123533
Ion Ratio Lower Upper
45 100
43 67.8 44.7 67.1#
87 35.2 27.2 40.8
59 12.6 10.2 15.4

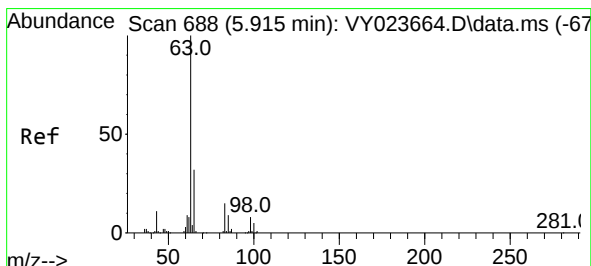
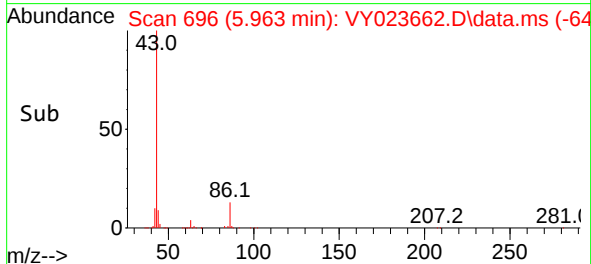
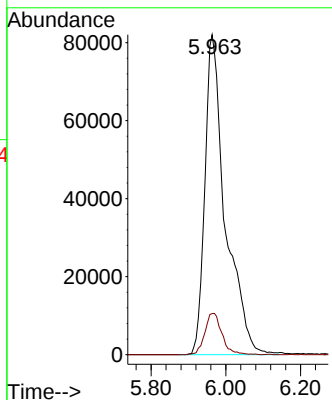
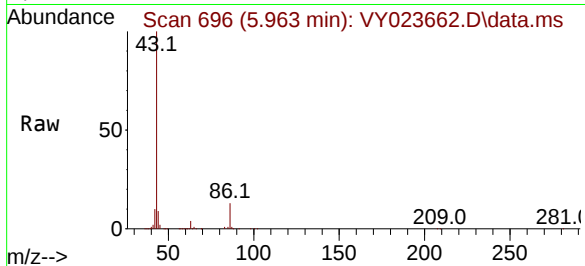




#23
 Vinyl Acetate
 Concen: 45.522 ug/l
 RT: 5.963 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY023662.D
 Acq: 04 Nov 2025 09:42

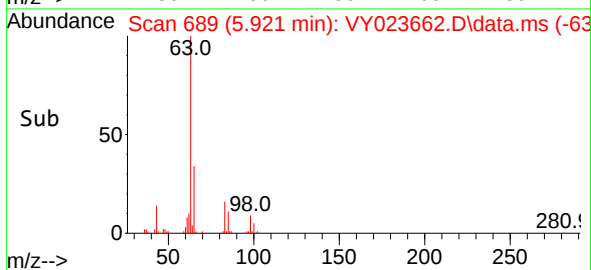
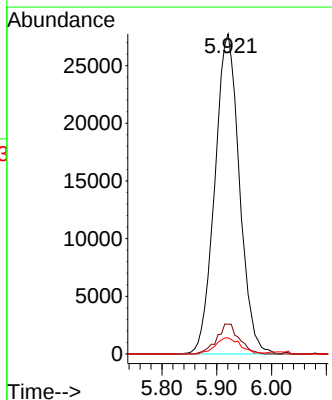
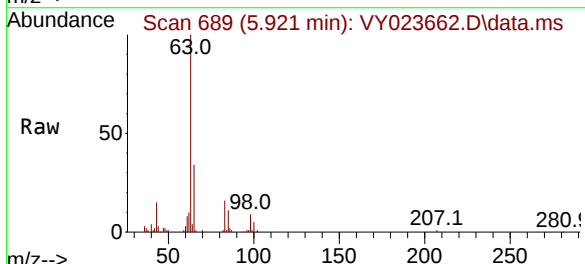
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

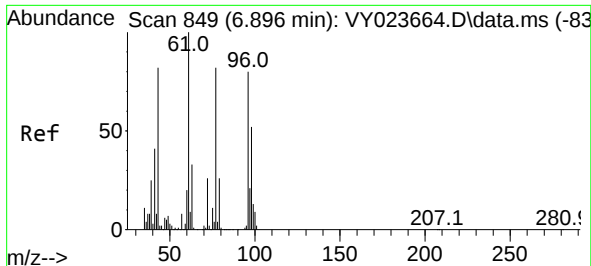
Tgt Ion: 43 Resp: 311609
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 10.129 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023662.D
 Acq: 04 Nov 2025 09:42

Tgt Ion: 63 Resp: 86555
 Ion Ratio Lower Upper
 63 100
 98 9.3 4.0 11.9
 100 5.0 2.6 7.8





#25

2-Butanone

Concen: 46.094 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

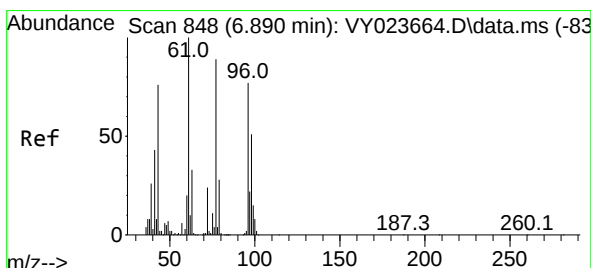
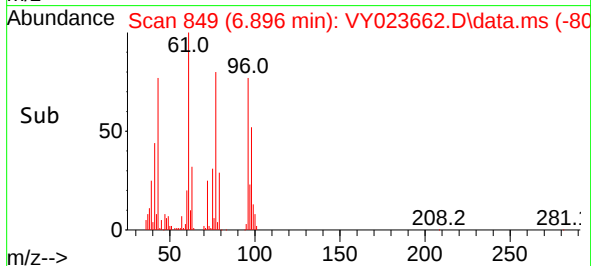
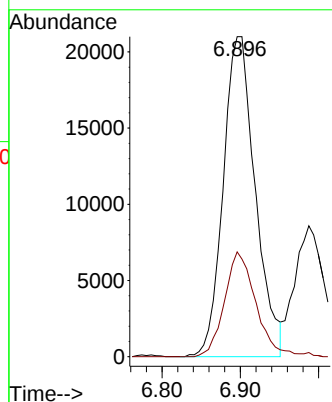
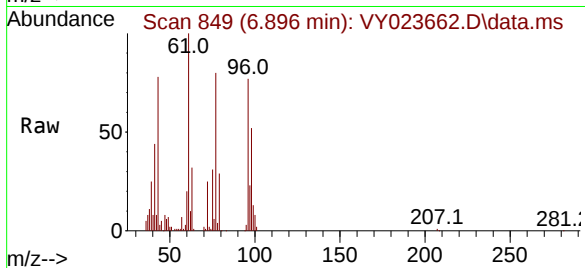
VSTDICC010

Tgt Ion: 43 Resp: 59816

Ion Ratio Lower Upper

43 100

72 32.7 25.7 38.5



#26

2,2-Dichloropropane

Concen: 10.207 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY023662.D

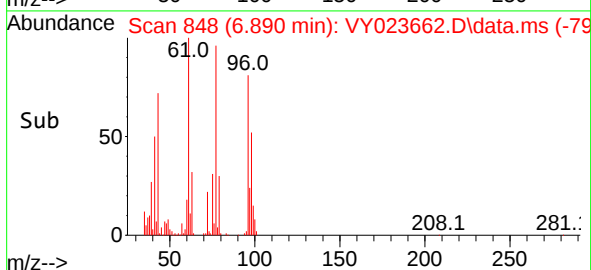
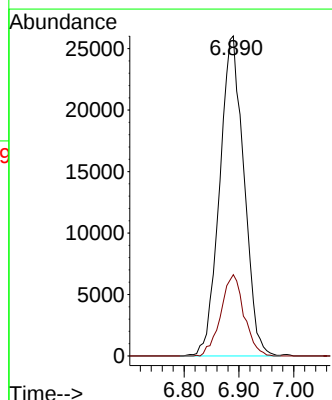
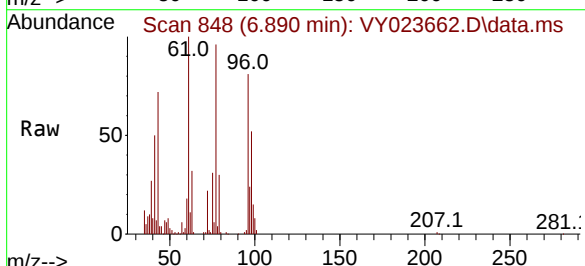
Acq: 04 Nov 2025 09:42

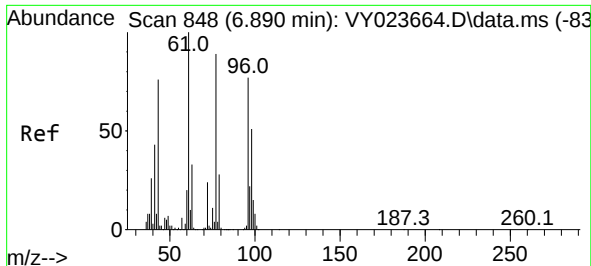
Tgt Ion: 77 Resp: 80230

Ion Ratio Lower Upper

77 100

97 24.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 10.120 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

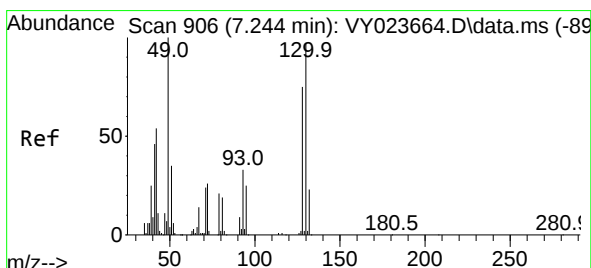
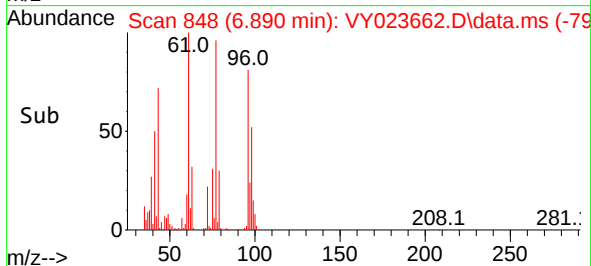
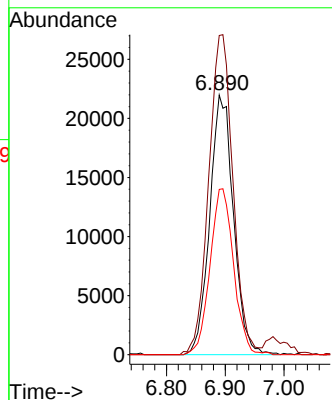
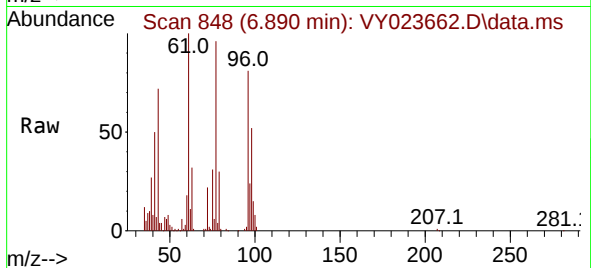
Tgt Ion: 96 Resp: 61638

Ion Ratio Lower Upper

96 100

61 125.9 0.0 255.0

98 63.6 0.0 129.8



#28

Bromochloromethane

Concen: 10.638 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

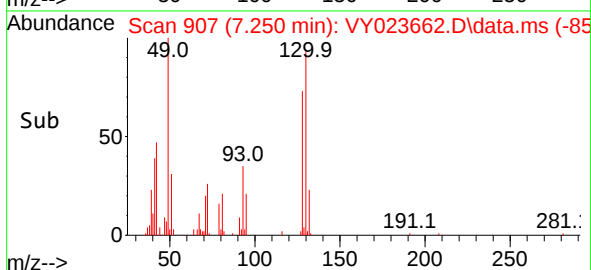
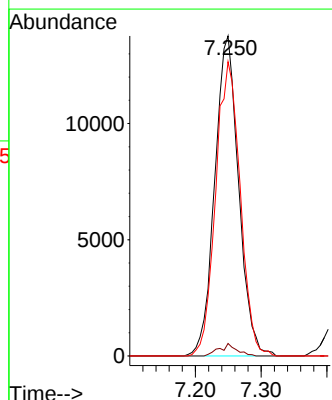
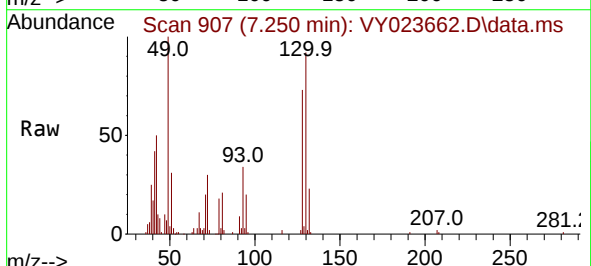
Tgt Ion: 49 Resp: 34809

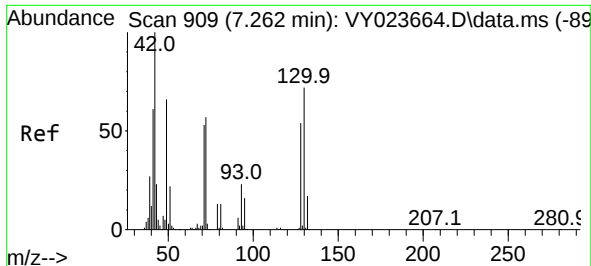
Ion Ratio Lower Upper

49 100

129 2.9 0.0 5.0

130 94.3 80.1 120.1

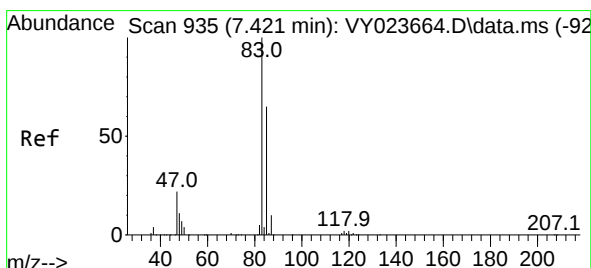
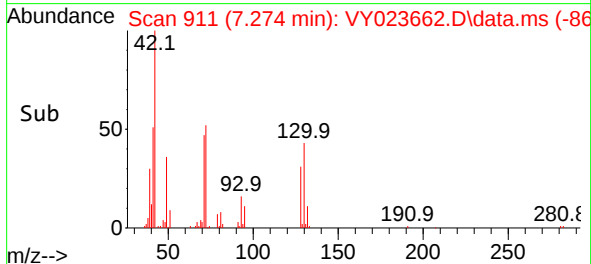
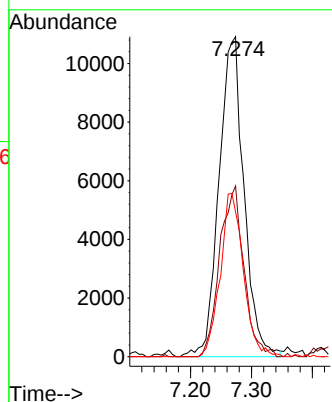
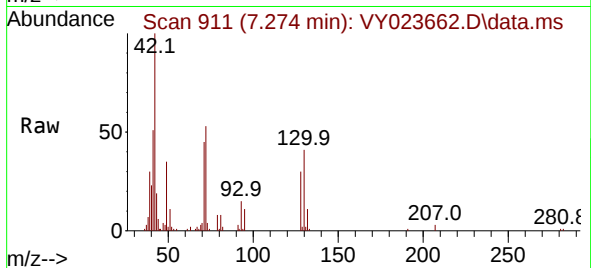




#29
Tetrahydrofuran
Concen: 44.932 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

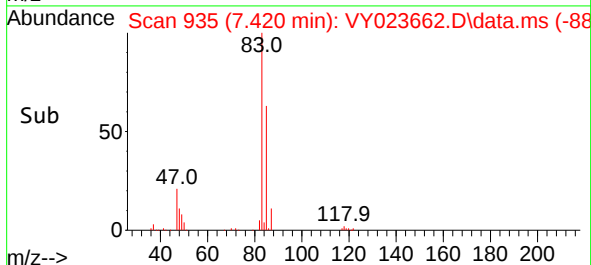
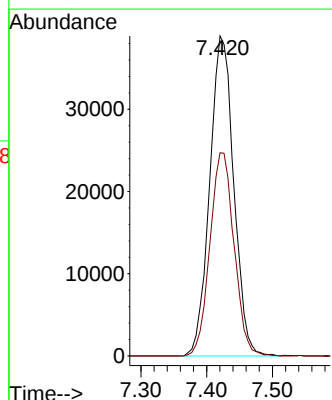
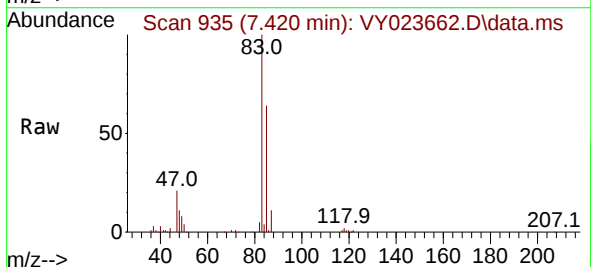
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 42 Resp: 31053
Ion Ratio Lower Upper
42 100
72 51.7 43.4 65.2
71 47.3 40.7 61.1



#30
Chloroform
Concen: 10.373 ug/l
RT: 7.420 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion: 83 Resp: 98898
Ion Ratio Lower Upper
83 100
85 63.5 52.1 78.1

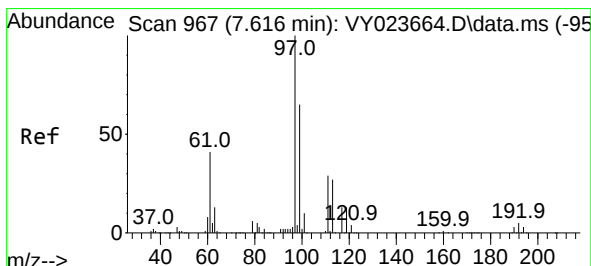
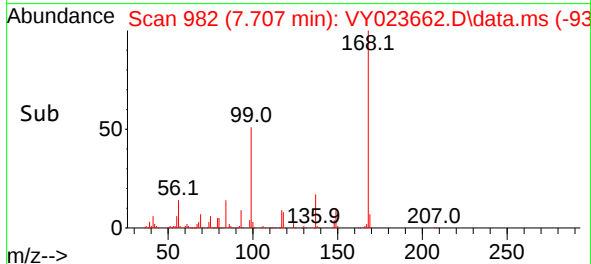
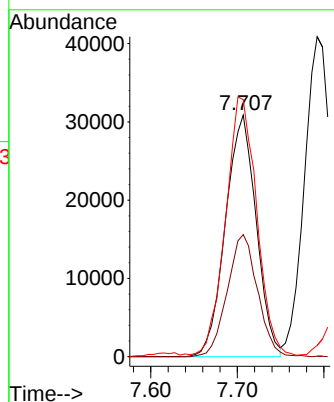
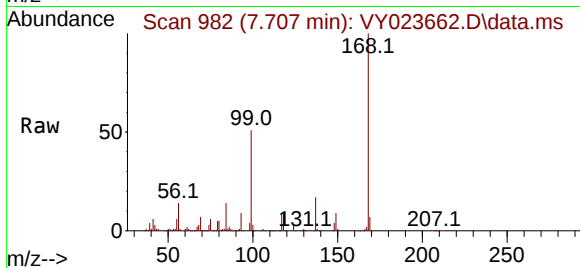




#31
Cyclohexane
Concen: 10.232 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

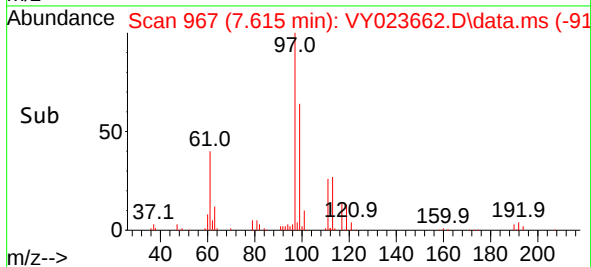
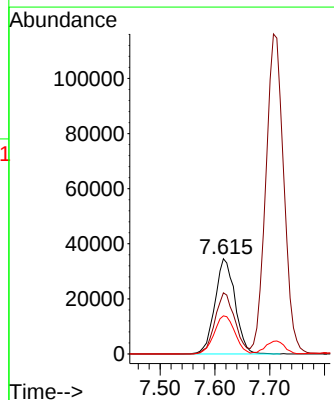
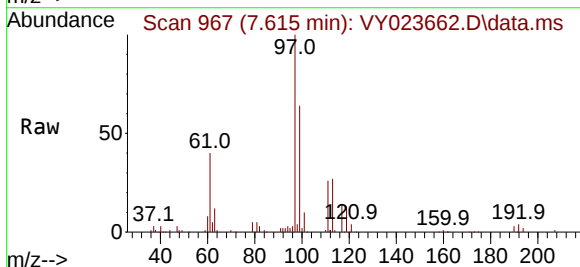
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

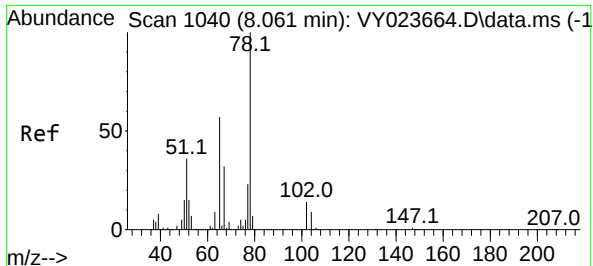
Tgt Ion: 56 Resp: 76145
Ion Ratio Lower Upper
56 100
69 50.5 30.5 45.7#
84 105.7 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 10.343 ug/l
RT: 7.615 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion: 97 Resp: 88141
Ion Ratio Lower Upper
97 100
99 63.7 51.5 77.3
61 41.1 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 9.970 ug/l

RT: 8.060 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

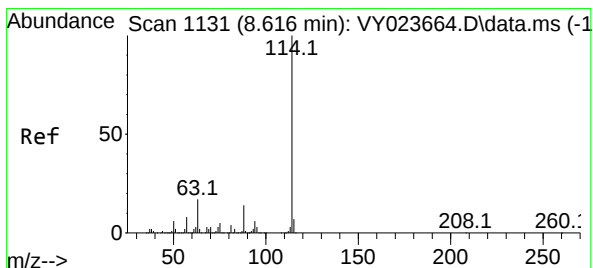
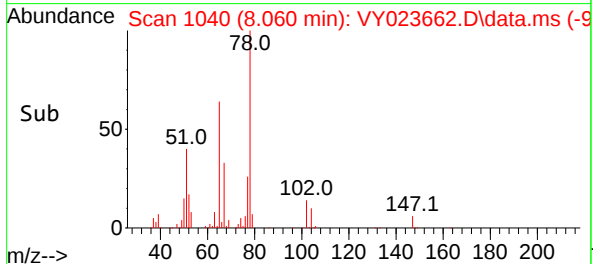
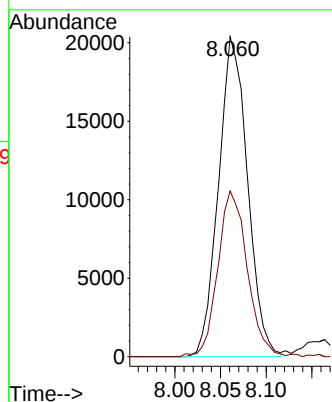
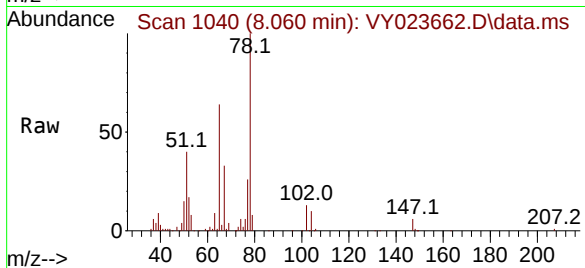
VSTDICC010

Tgt Ion: 65 Resp: 45020

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

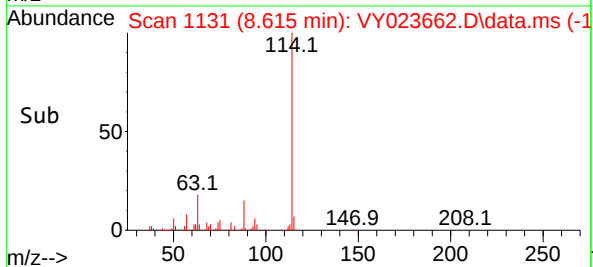
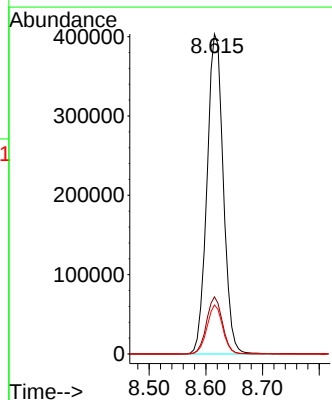
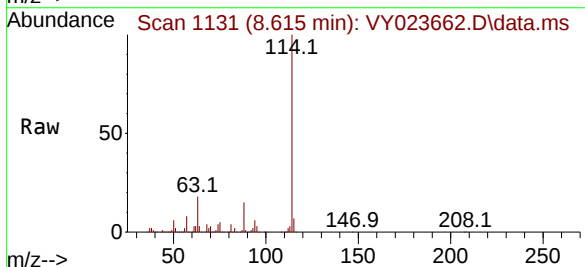
Tgt Ion: 114 Resp: 803774

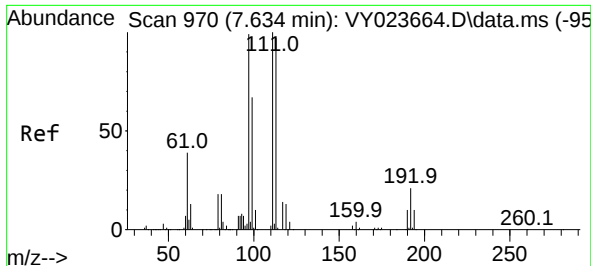
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.8

88 15.3 0.0 29.0

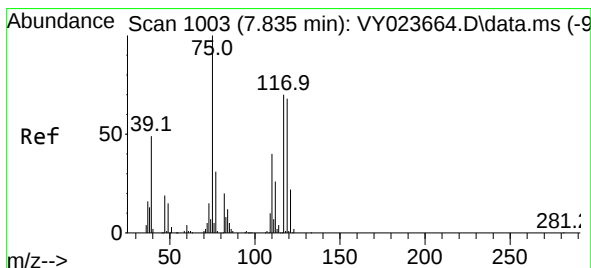
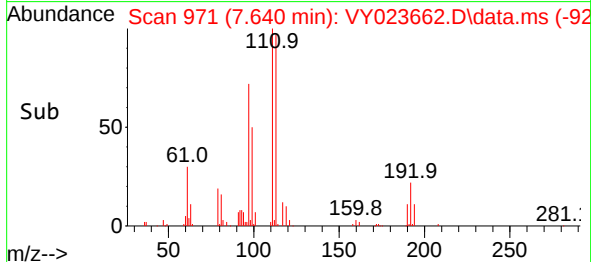
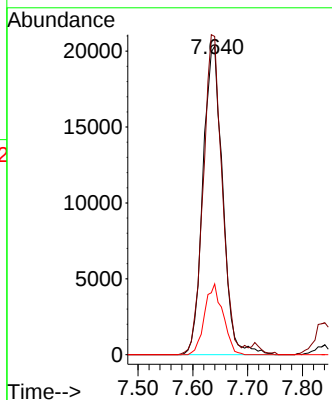
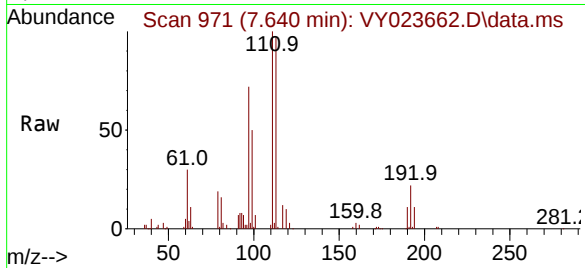




#35
Dibromofluoromethane
Concen: 10.103 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

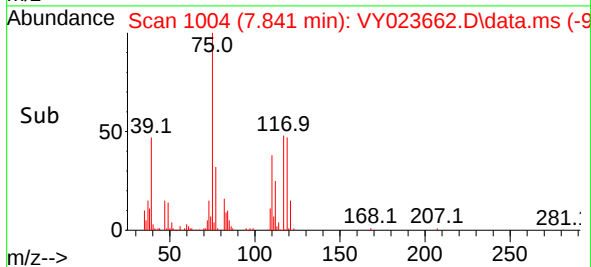
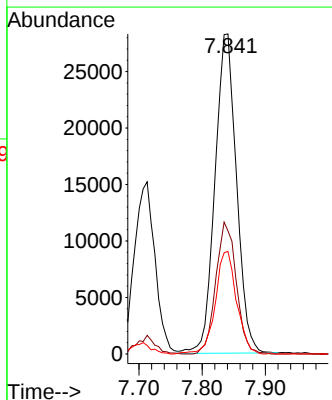
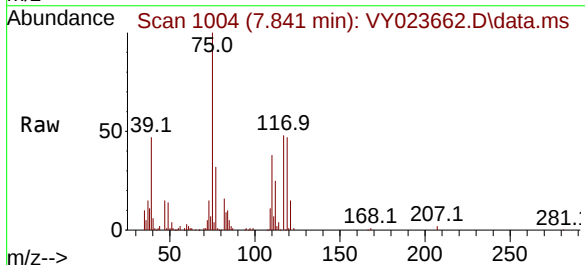
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:113 Resp: 50749
Ion Ratio Lower Upper
113 100
111 99.2 82.2 123.4
192 21.4 17.3 25.9



#36
1,1-Dichloropropene
Concen: 9.958 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion: 75 Resp: 66838
Ion Ratio Lower Upper
75 100
110 39.2 19.7 59.0
77 31.8 25.2 37.8





#37

Ethyl Acetate

Concen: 9.313 ug/l

RT: 6.987 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

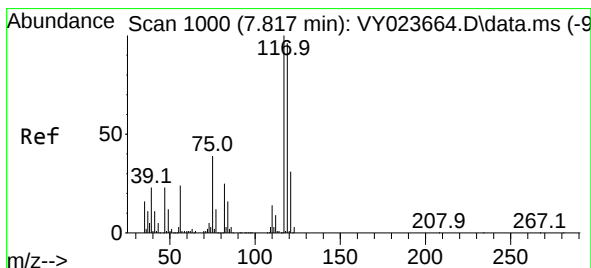
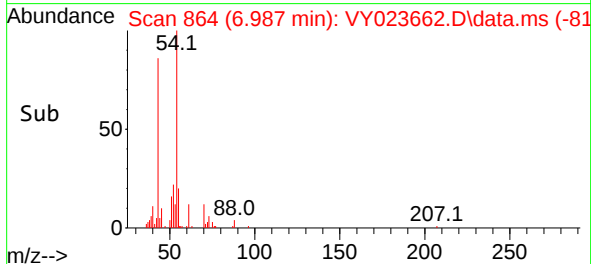
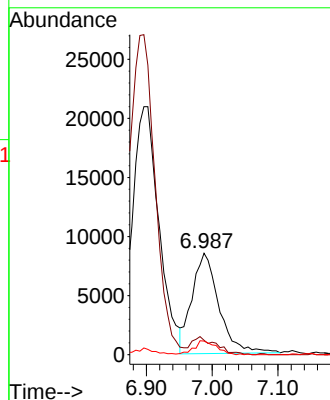
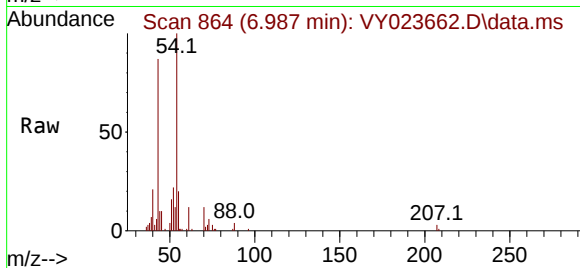
Tgt Ion: 43 Resp: 24198

Ion Ratio Lower Upper

43 100

61 16.5 12.4 18.6

70 11.6 9.8 14.8



#38

Carbon Tetrachloride

Concen: 9.989 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

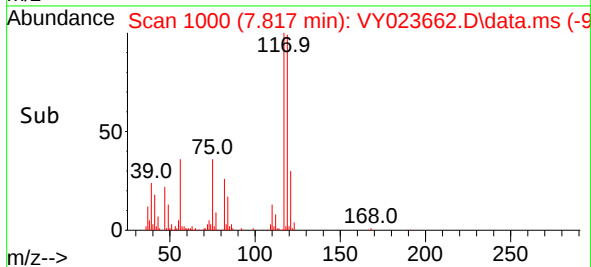
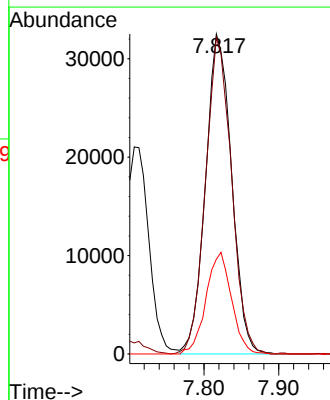
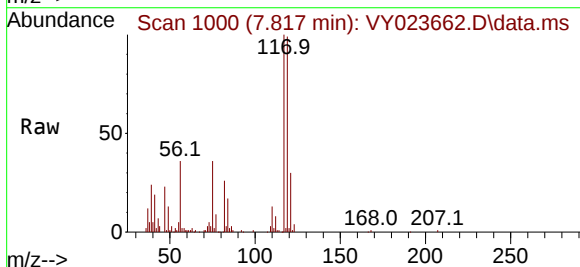
Tgt Ion: 117 Resp: 78995

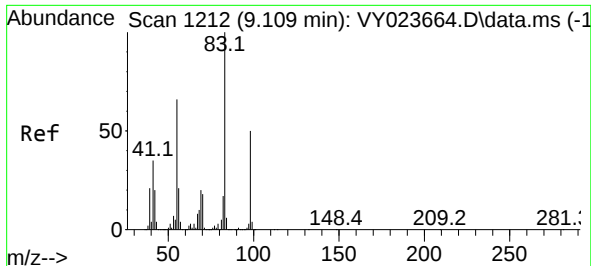
Ion Ratio Lower Upper

117 100

119 98.5 76.3 114.5

121 29.6 24.8 37.2





#39

Methylcyclohexane

Concen: 9.283 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

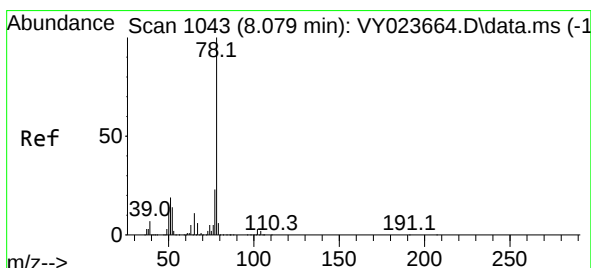
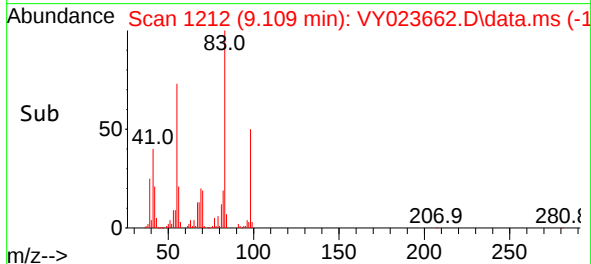
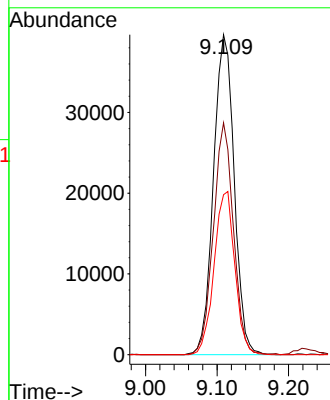
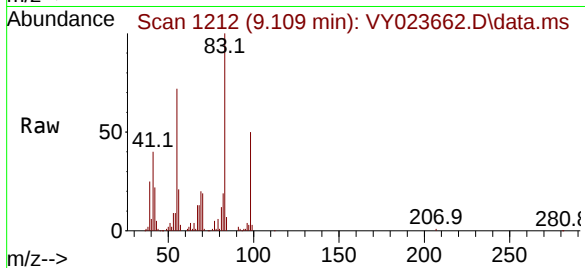
Tgt Ion: 83 Resp: 79613

Ion Ratio Lower Upper

83 100

55 72.5 52.6 78.8

98 50.0 39.7 59.5



#40

Benzene

Concen: 10.042 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023662.D

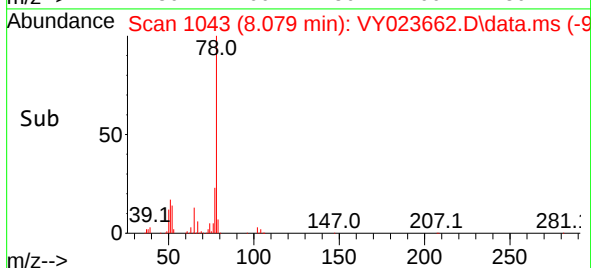
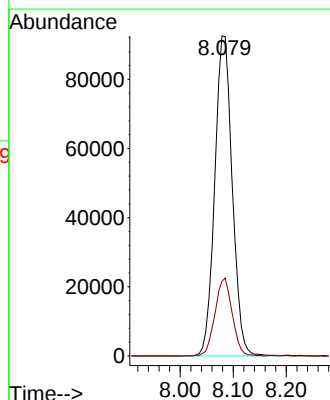
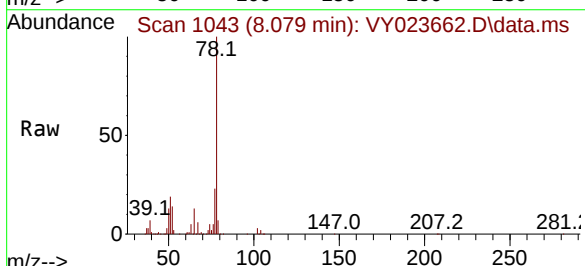
Acq: 04 Nov 2025 09:42

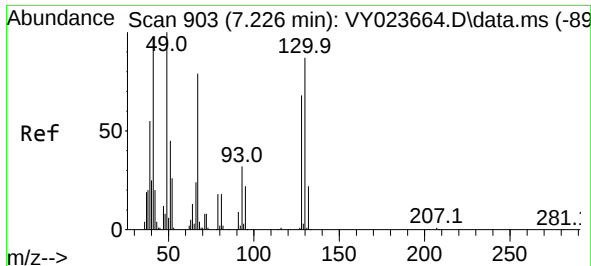
Tgt Ion: 78 Resp: 212456

Ion Ratio Lower Upper

78 100

77 23.3 18.8 28.2

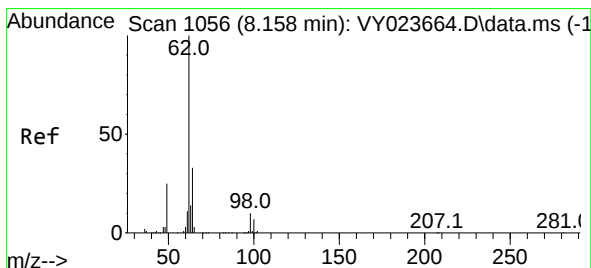
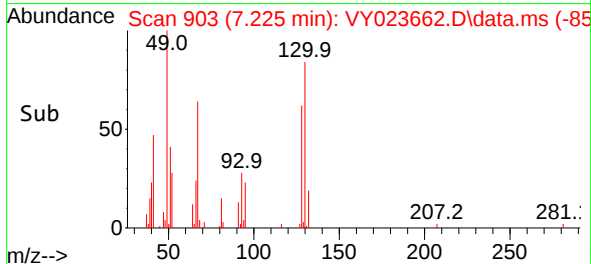
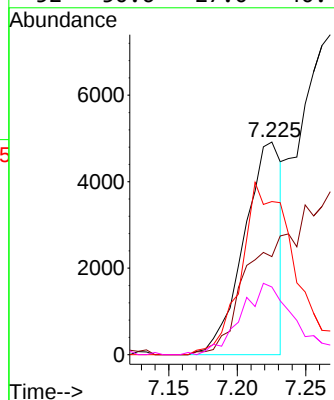
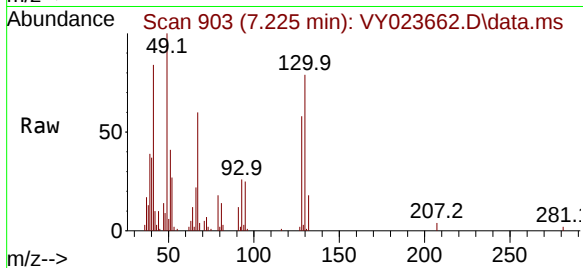




#41
Methacrylonitrile
Concen: 6.719 ug/l
RT: 7.225 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

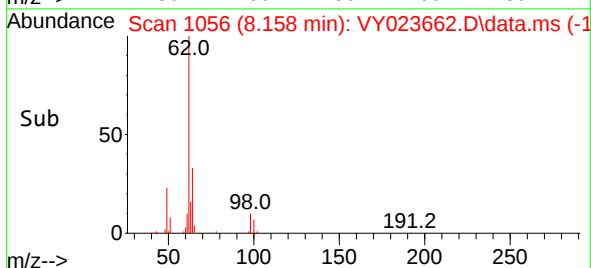
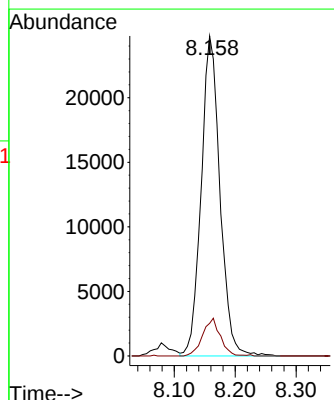
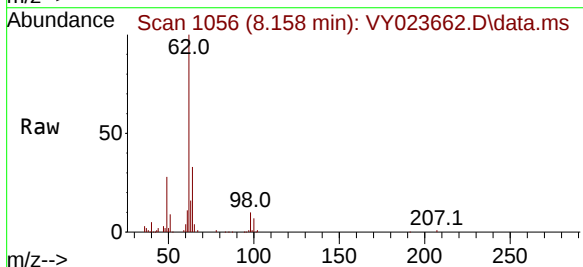
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

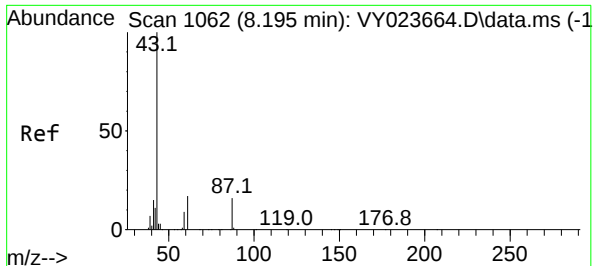
Tgt Ion:	41	Resp:	9312
Ion	Ratio	Lower	Upper
41	100		
39	0.0	38.6	57.8#
67	114.2	71.3	106.9#
52	50.6	27.0	40.4#



#42
1,2-Dichloroethane
Concen: 9.943 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion:	62	Resp:	53223
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.0

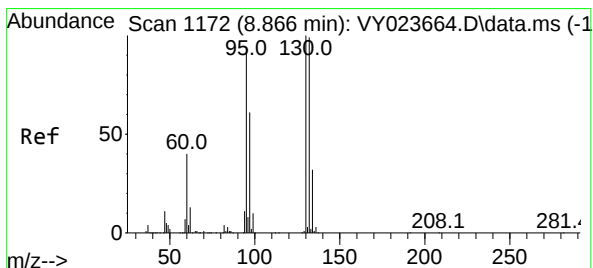
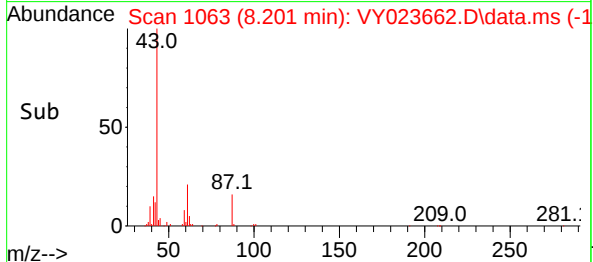
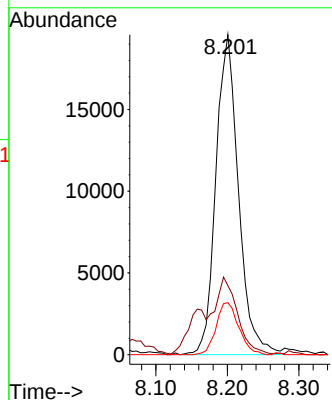
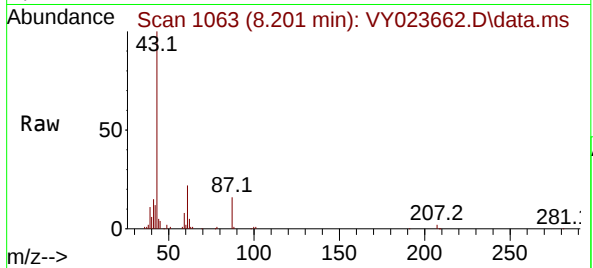




#43
Isopropyl Acetate
Concen: 8.800 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

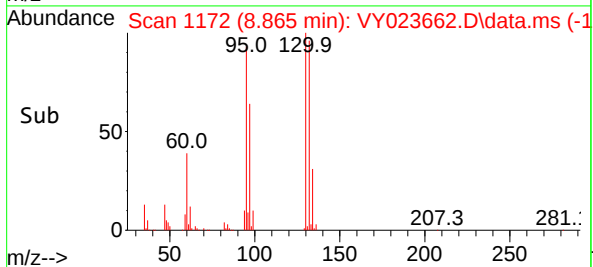
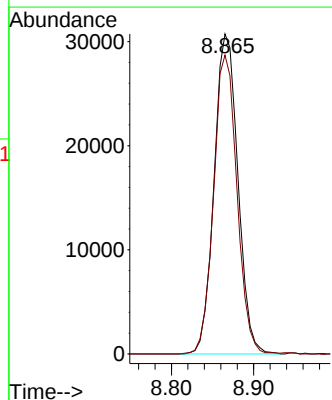
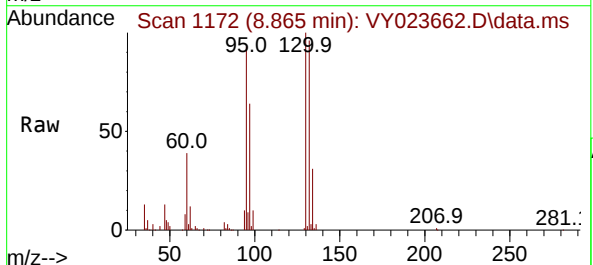
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

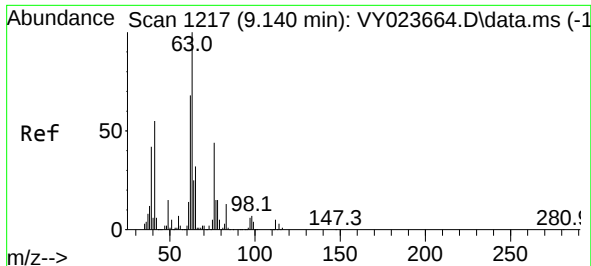
Tgt Ion: 43 Resp: 42964
Ion Ratio Lower Upper
43 100
61 24.7 18.2 27.2
87 16.3 13.3 19.9



#44
Trichloroethene
Concen: 10.136 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion:130 Resp: 61596
Ion Ratio Lower Upper
130 100
95 93.4 0.0 187.0





#45

1,2-Dichloropropane

Concen: 9.810 ug/l

RT: 9.139 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

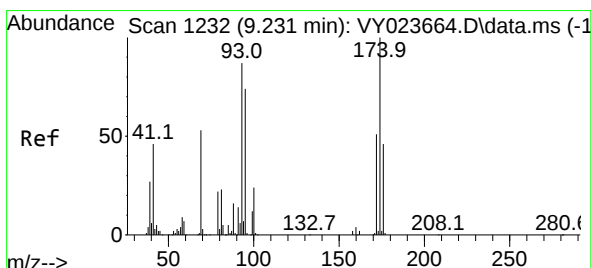
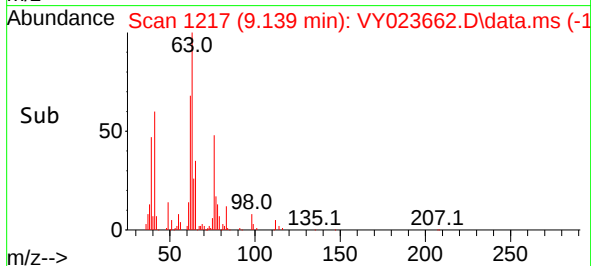
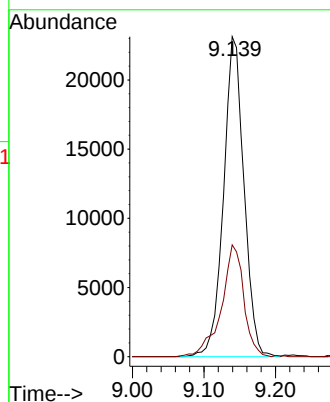
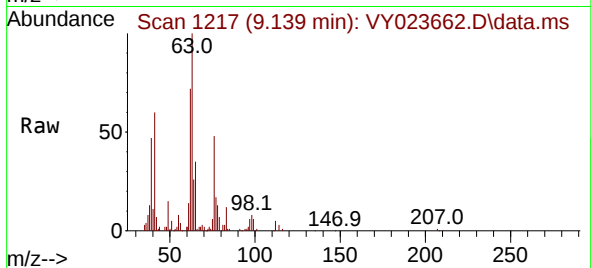
VSTDICC010

Tgt Ion: 63 Resp: 45808

Ion Ratio Lower Upper

63 100

65 34.7 25.6 38.4



#46

Dibromomethane

Concen: 9.538 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

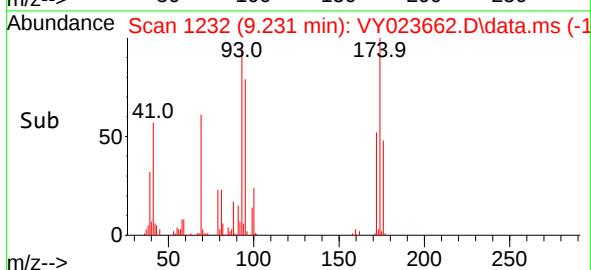
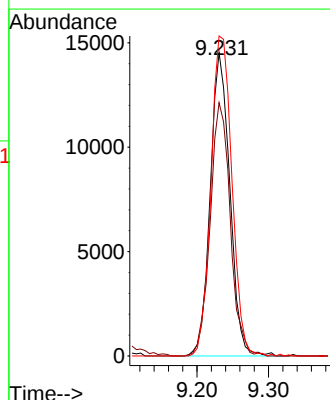
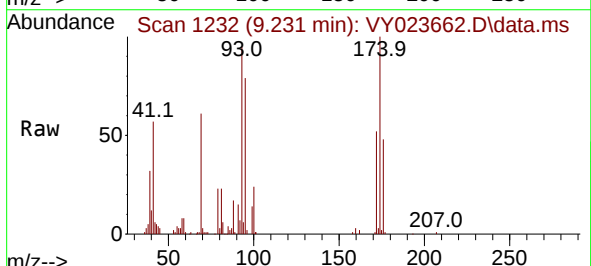
Tgt Ion: 93 Resp: 27595

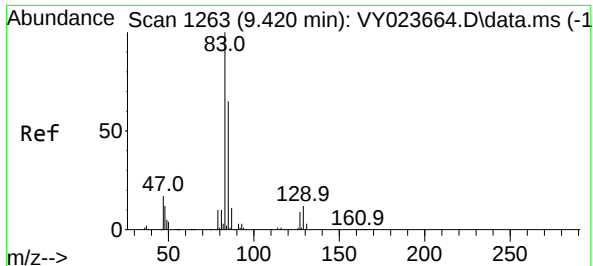
Ion Ratio Lower Upper

93 100

95 85.9 67.4 101.2

174 113.0 89.4 134.0

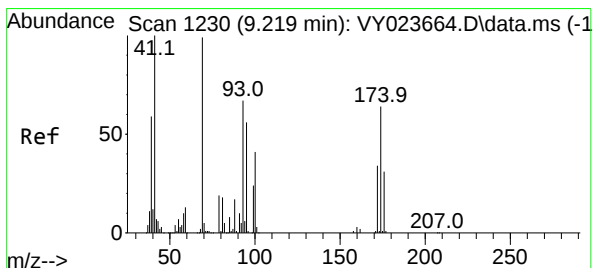
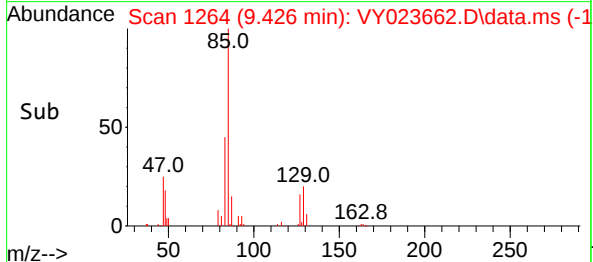
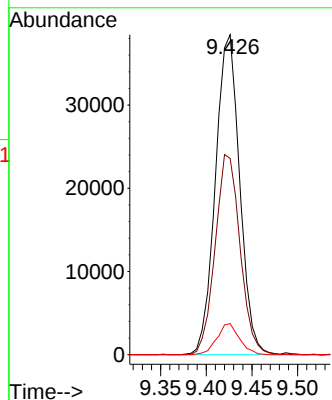
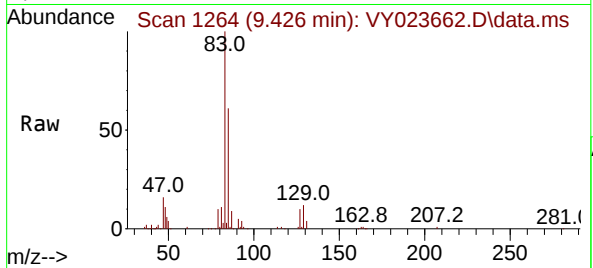




#47
Bromodichloromethane
Concen: 9.740 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

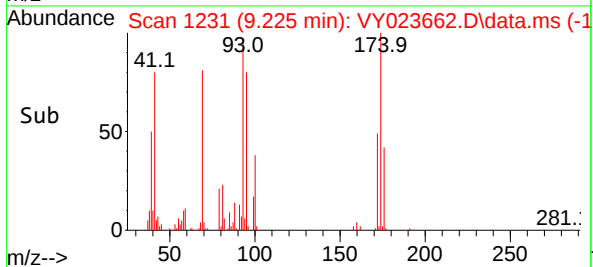
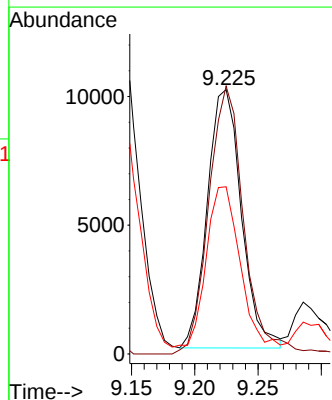
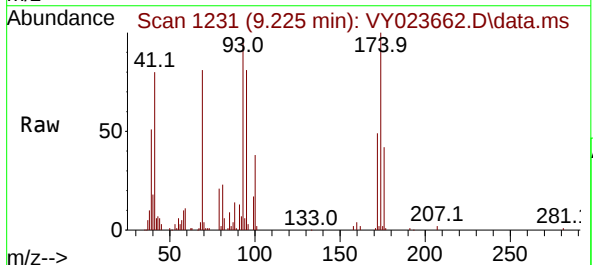
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

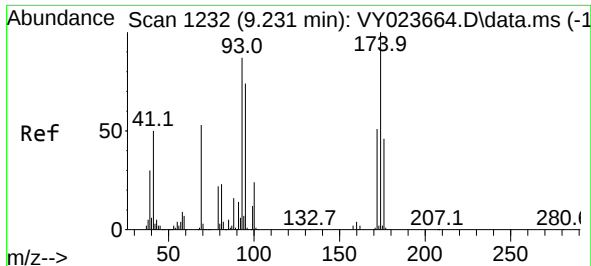
Tgt Ion: 83 Resp: 71048
Ion Ratio Lower Upper
83 100
85 61.4 52.1 78.1
127 9.7 7.5 11.3



#48
Methyl methacrylate
Concen: 8.172 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion: 41 Resp: 18849
Ion Ratio Lower Upper
41 100
69 106.7 80.2 120.2
39 61.7 47.4 71.0





#49

1,4-Dioxane

Concen: 170.965 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

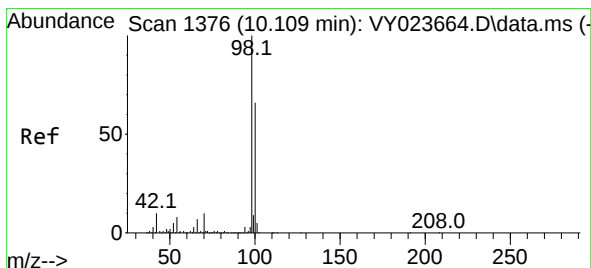
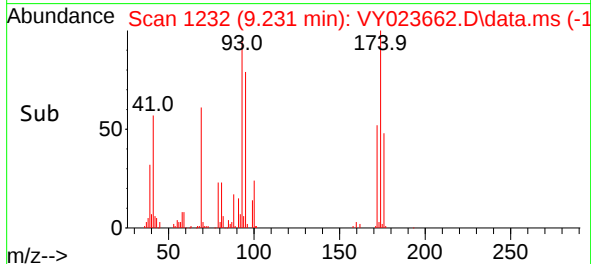
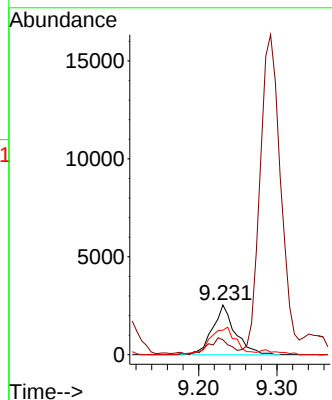
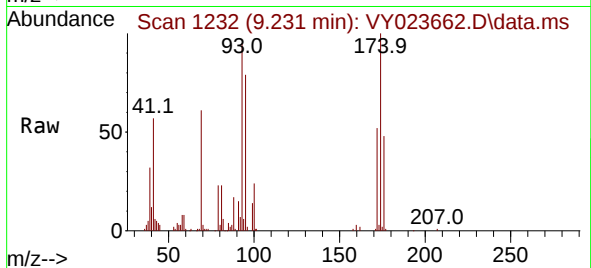
Tgt Ion: 88 Resp: 5062

Ion Ratio Lower Upper

88 100

43 31.7 22.0 33.0

58 63.4 47.8 71.8



#50

Toluene-d8

Concen: 9.862 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023662.D

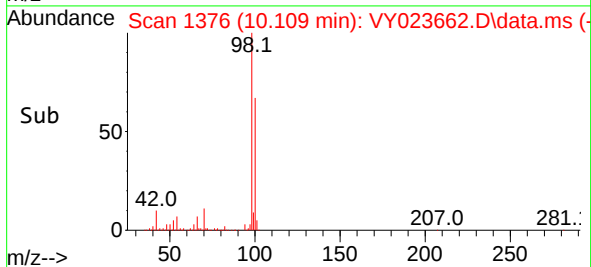
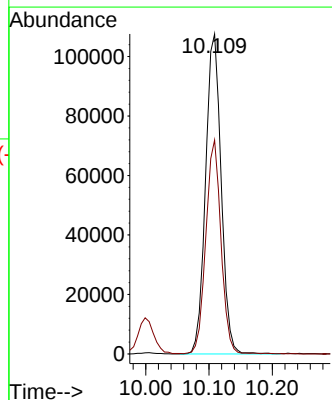
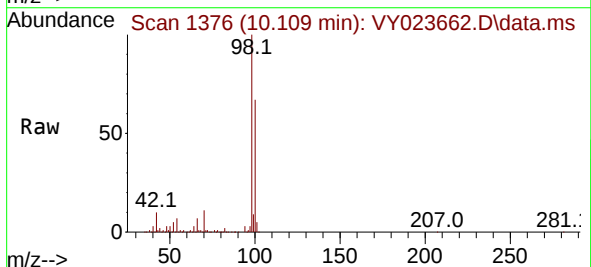
Acq: 04 Nov 2025 09:42

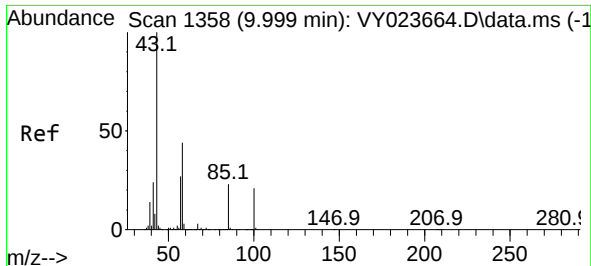
Tgt Ion: 98 Resp: 184529

Ion Ratio Lower Upper

98 100

100 64.7 52.7 79.1

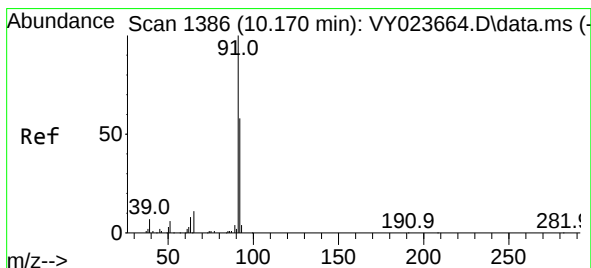
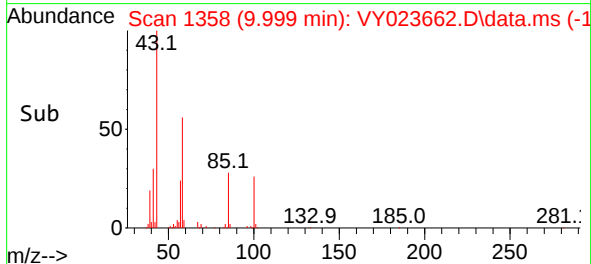
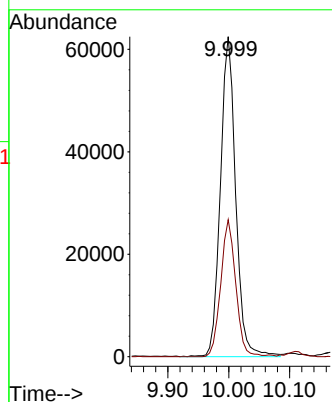
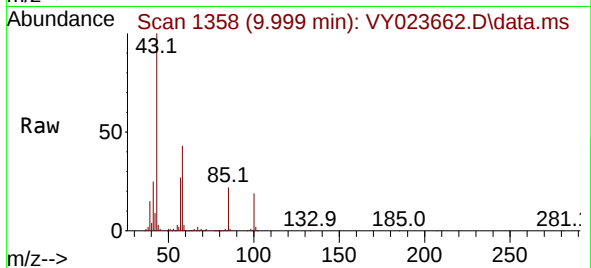




#51
4-Methyl-2-Pentanone
Concen: 42.067 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

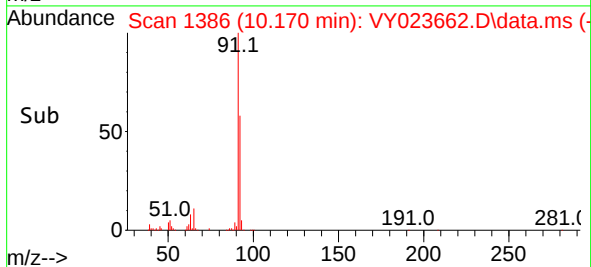
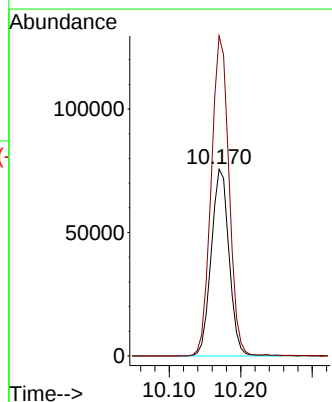
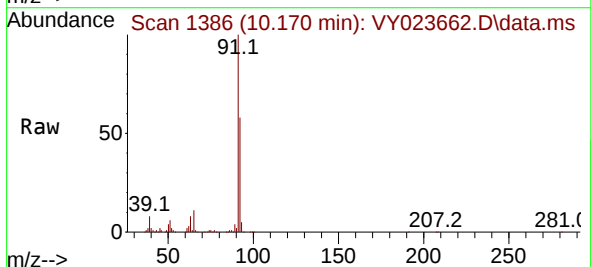
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

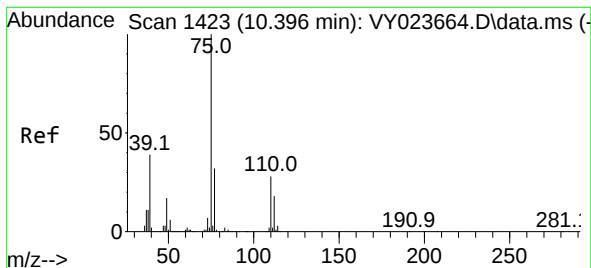
Tgt Ion: 43 Resp: 109221
Ion Ratio Lower Upper
43 100
58 41.9 34.8 52.2



#52
Toluene
Concen: 9.672 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion: 92 Resp: 130648
Ion Ratio Lower Upper
92 100
91 171.4 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 9.093 ug/l

RT: 10.395 min Scan# 1423

Delta R.T. -0.000 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

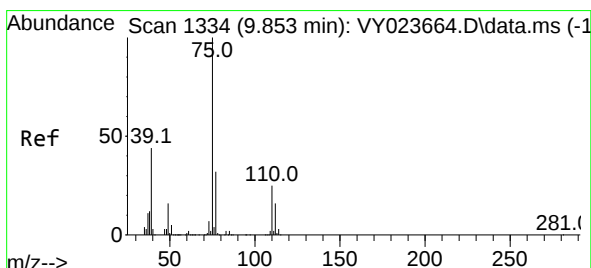
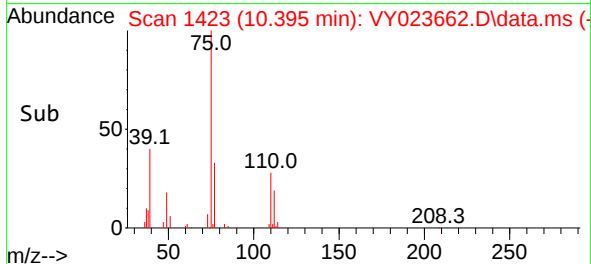
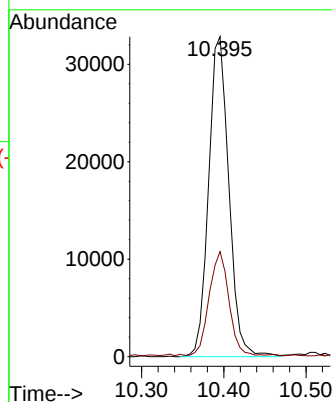
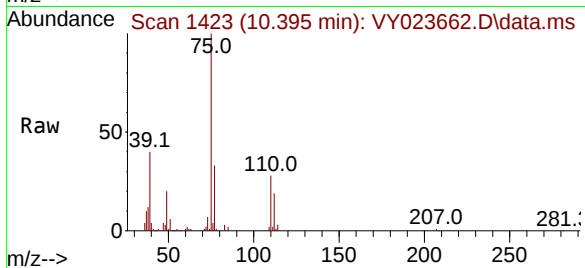
VSTDIC010

Tgt Ion: 75 Resp: 56121

Ion Ratio Lower Upper

75 100

77 32.6 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 9.436 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.006 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

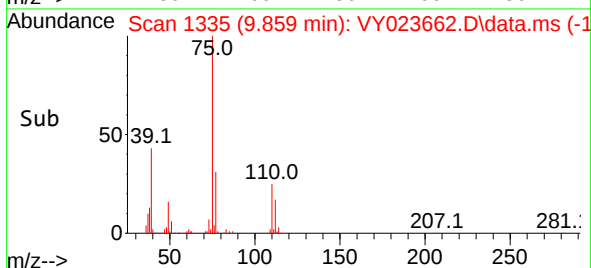
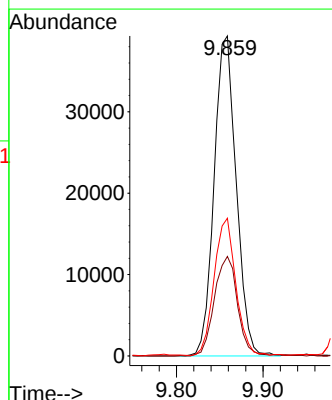
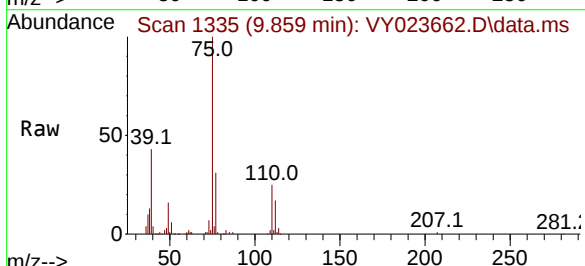
Tgt Ion: 75 Resp: 69773

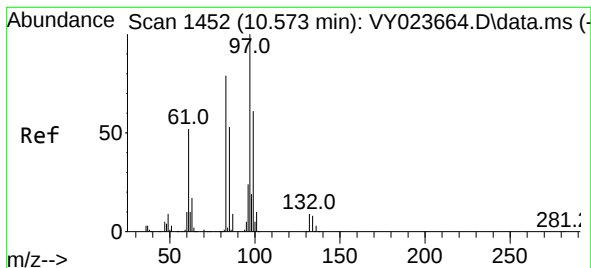
Ion Ratio Lower Upper

75 100

77 31.0 25.7 38.5

39 42.7 34.9 52.3





#55

1,1,2-Trichloroethane

Concen: 9.581 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 37044

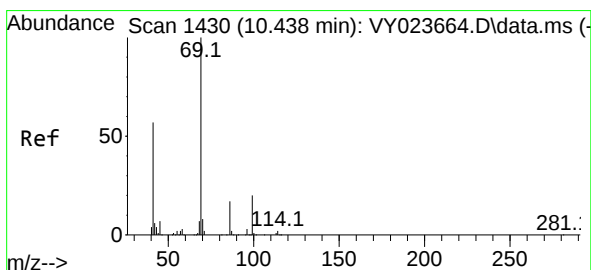
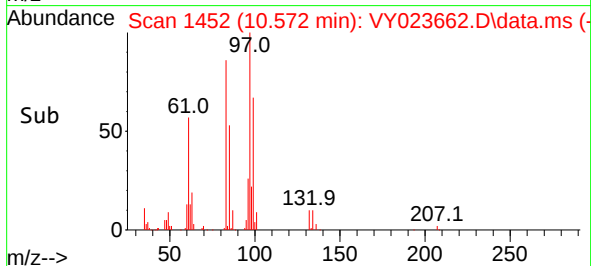
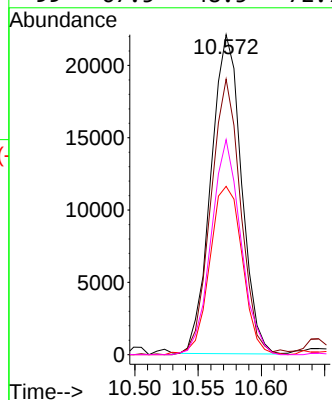
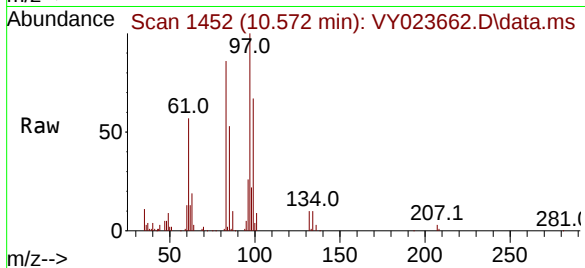
Ion Ratio Lower Upper

97 100

83 86.0 63.3 94.9

85 52.5 42.4 63.6

99 67.5 48.5 72.7



#56

Ethyl methacrylate

Concen: 7.680 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

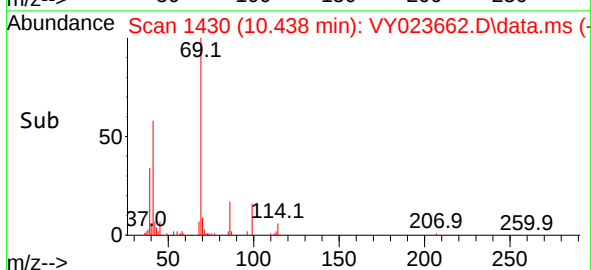
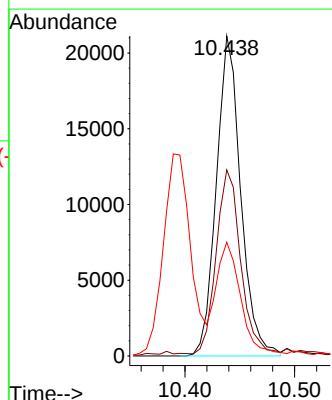
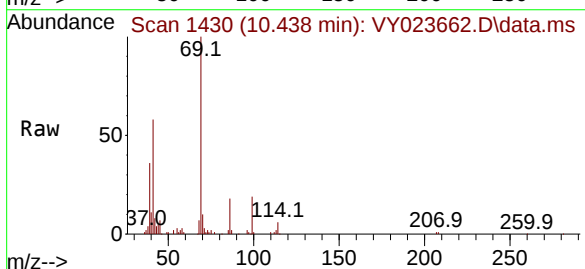
Tgt Ion: 69 Resp: 32716

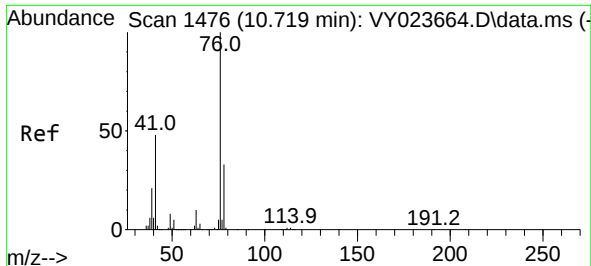
Ion Ratio Lower Upper

69 100

41 57.0 45.0 67.4

39 34.4 25.1 37.7





#57

1,3-Dichloropropane

Concen: 9.506 ug/l

RT: 10.718 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

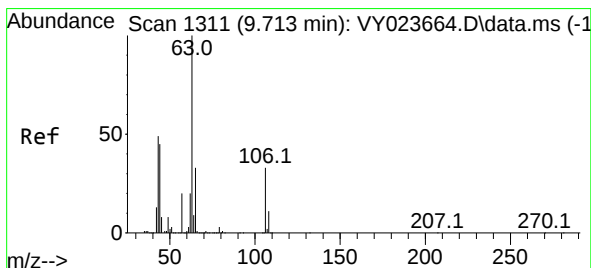
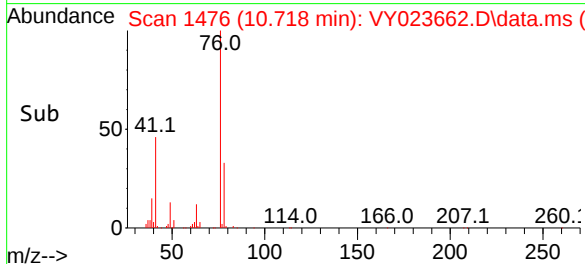
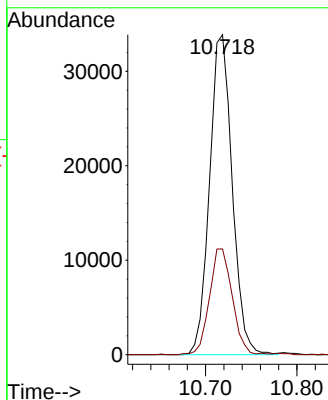
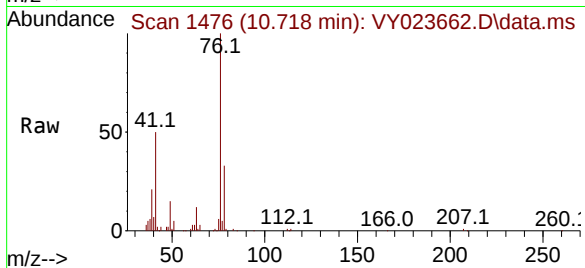
VSTDICC010

Tgt Ion: 76 Resp: 58301

Ion Ratio Lower Upper

76 100

78 33.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 40.025 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023662.D

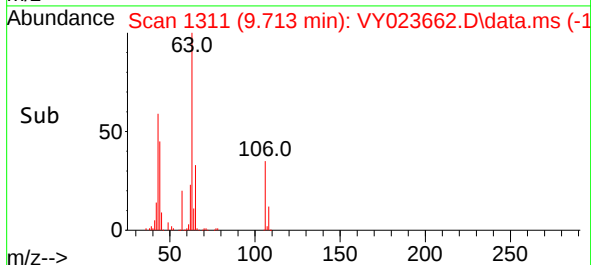
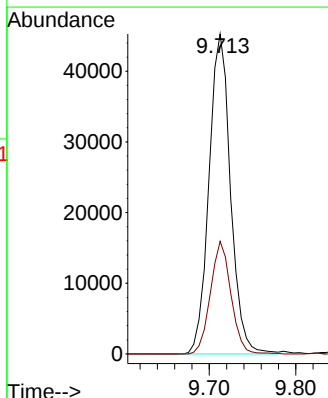
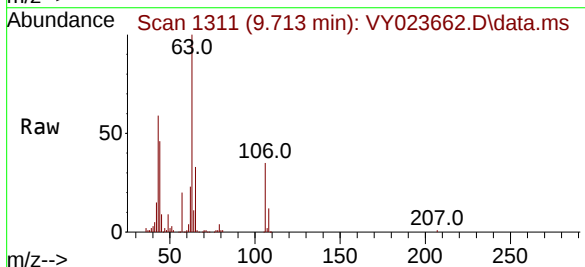
Acq: 04 Nov 2025 09:42

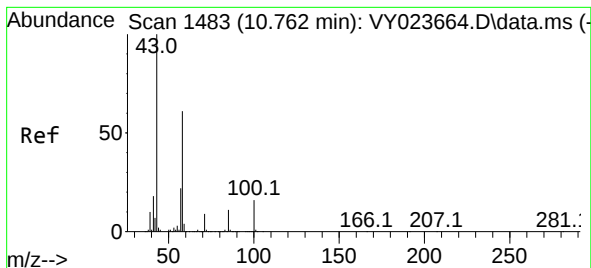
Tgt Ion: 63 Resp: 78241

Ion Ratio Lower Upper

63 100

106 33.5 26.2 39.2

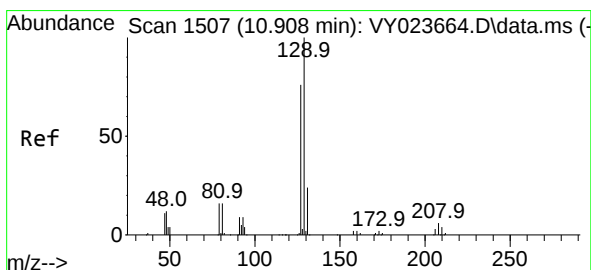
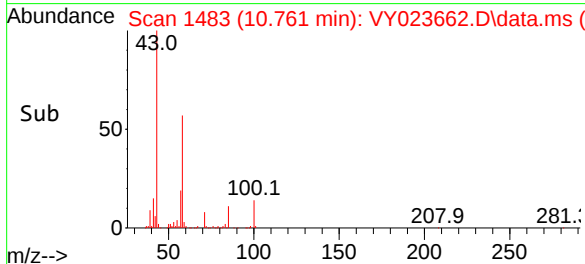
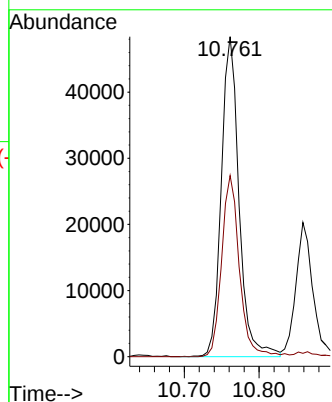
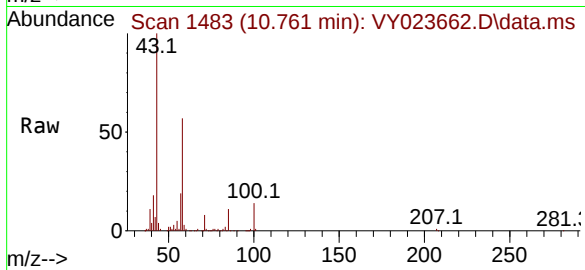




#59
2-Hexanone
Concen: 42.130 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

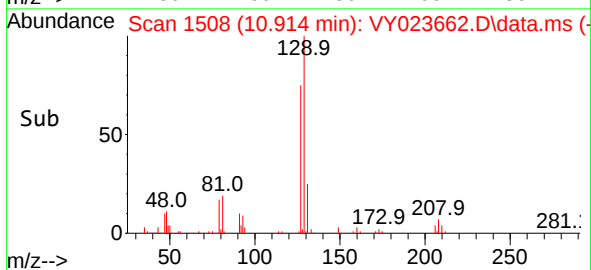
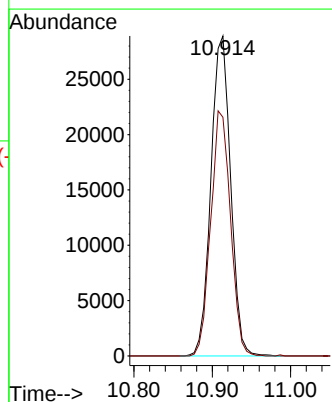
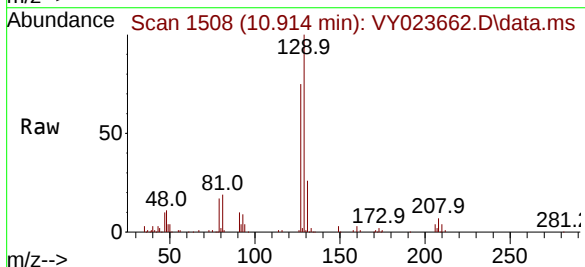
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

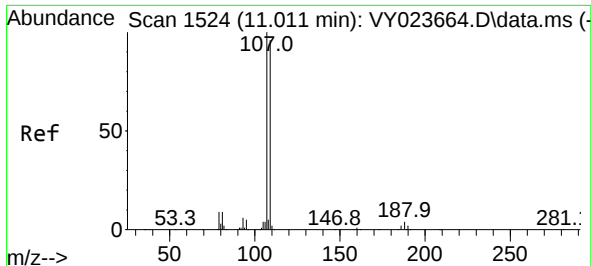
Tgt Ion: 43 Resp: 79804
Ion Ratio Lower Upper
43 100
58 56.9 30.2 90.6



#60
Dibromochloromethane
Concen: 9.499 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion: 129 Resp: 50465
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2

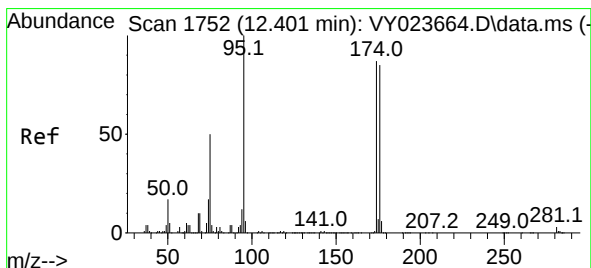
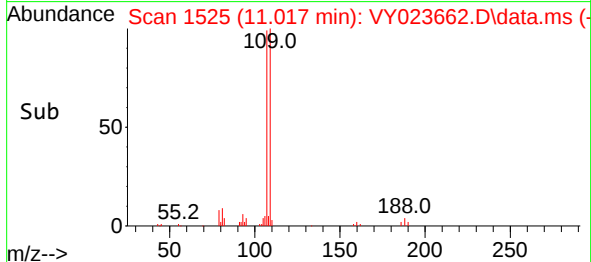
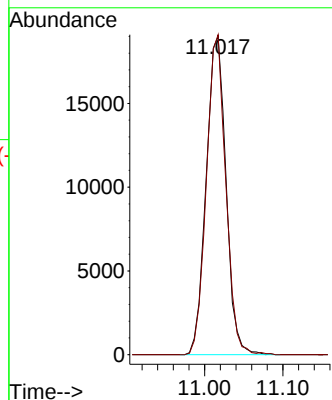
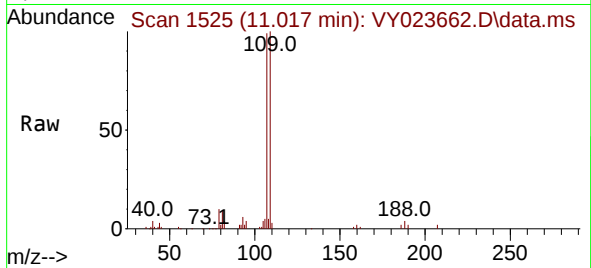




#61
1,2-Dibromoethane
Concen: 9.199 ug/l
RT: 11.017 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

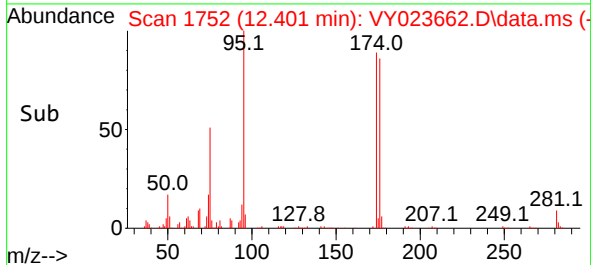
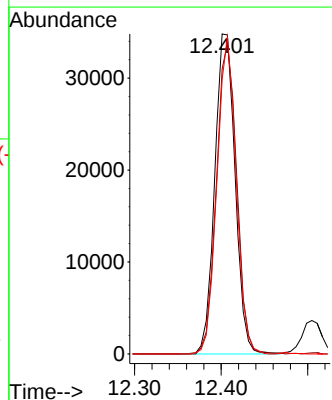
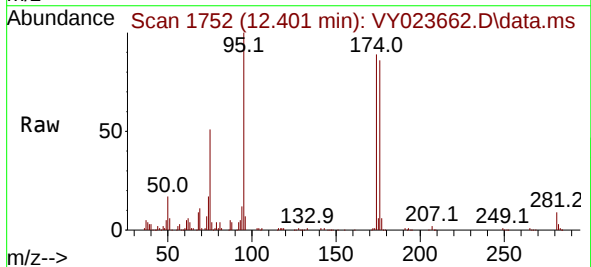
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

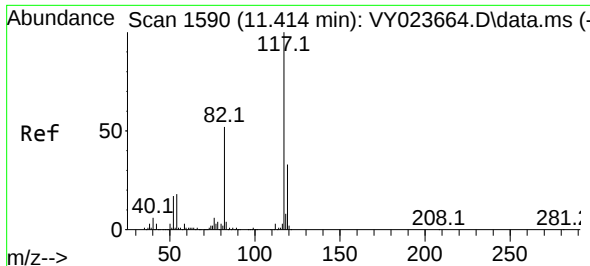
Tgt Ion:107 Resp: 33380
Ion Ratio Lower Upper
107 100
109 98.0 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 9.395 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion: 95 Resp: 56847
Ion Ratio Lower Upper
95 100
174 96.7 0.0 184.8
176 93.3 0.0 181.6

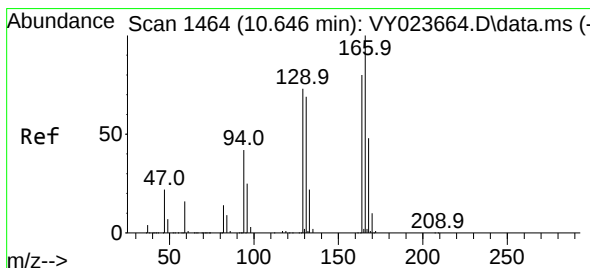
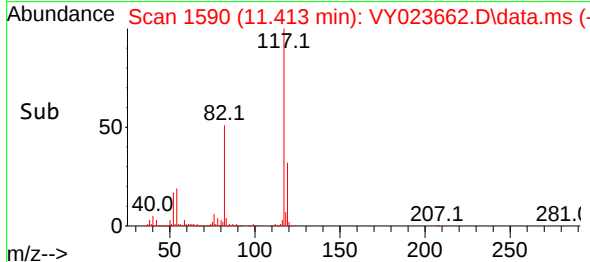
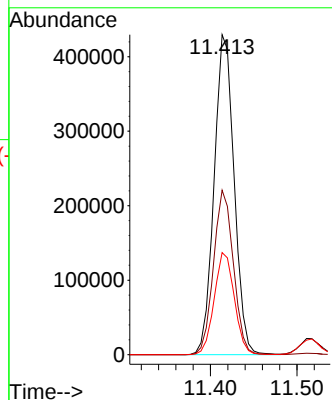
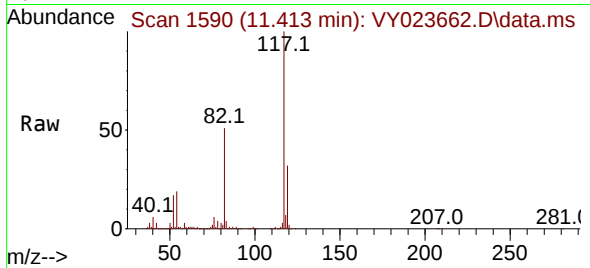




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.413 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

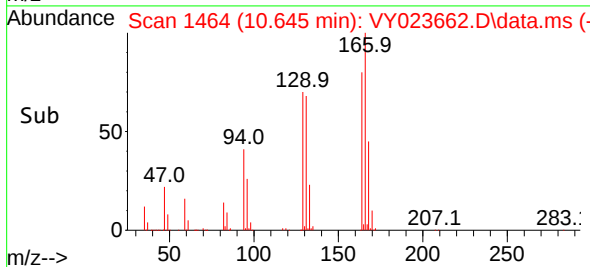
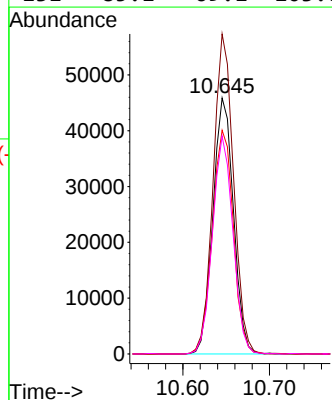
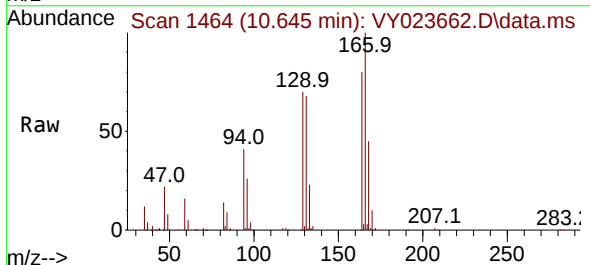
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

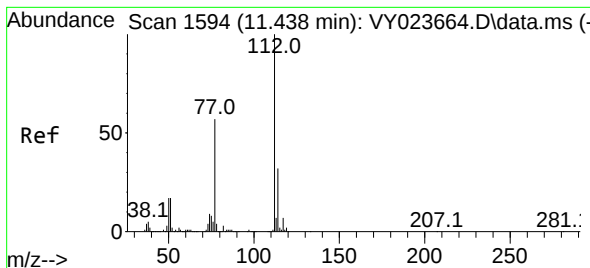
Tgt Ion:117 Resp: 690563
Ion Ratio Lower Upper
117 100
82 51.4 41.2 61.8
119 31.9 26.2 39.2



#64
Tetrachloroethene
Concen: 10.541 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion:164 Resp: 75769
Ion Ratio Lower Upper
164 100
166 125.0 99.5 149.3
129 87.4 72.3 108.5
131 85.1 69.1 103.7





#65

Chlorobenzene

Concen: 10.063 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

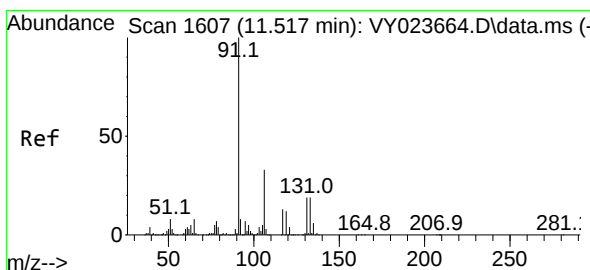
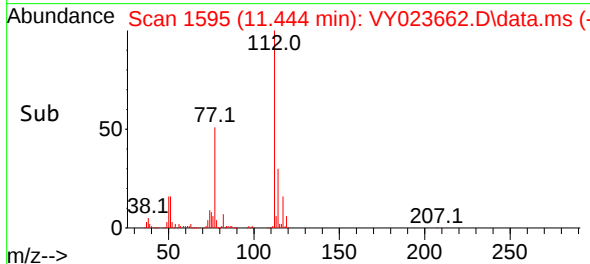
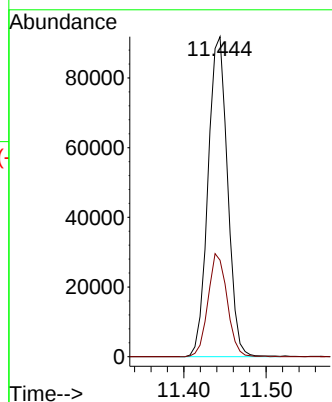
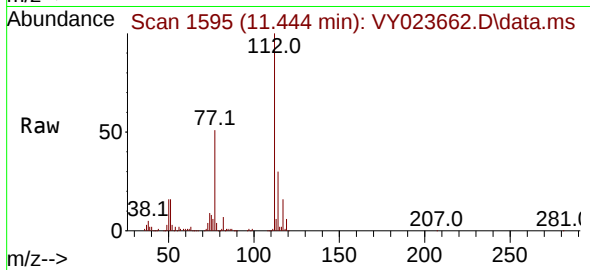
VSTDIC010

Tgt Ion:112 Resp: 151288

Ion Ratio Lower Upper

112 100

114 30.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 9.868 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

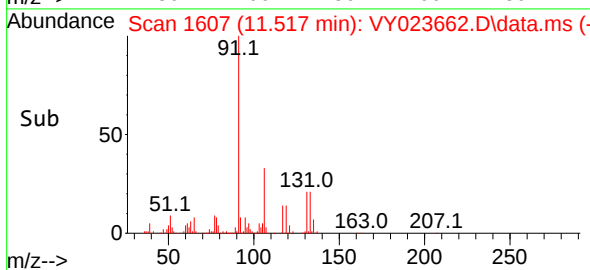
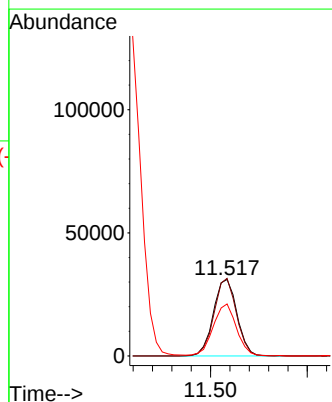
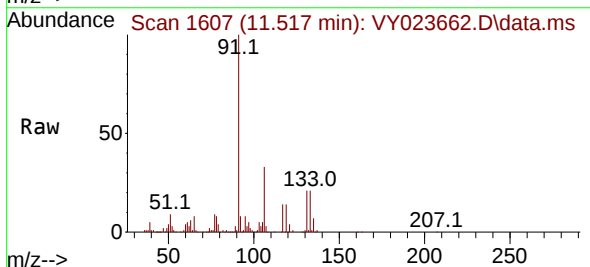
Tgt Ion:131 Resp: 52459

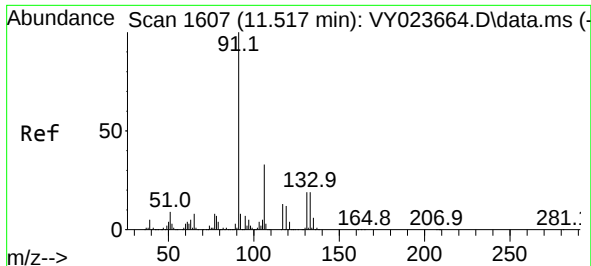
Ion Ratio Lower Upper

131 100

133 96.9 47.3 141.8

119 67.8 32.5 97.4





#67

Ethyl Benzene

Concen: 9.430 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

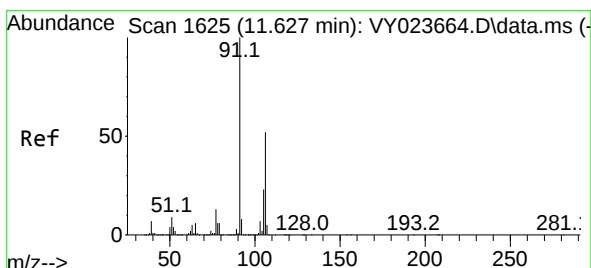
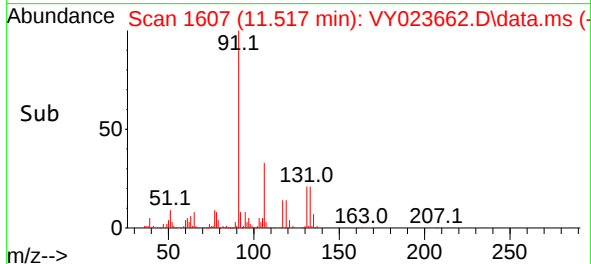
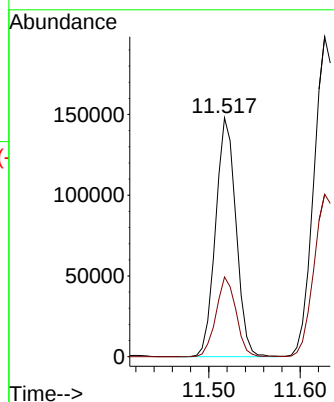
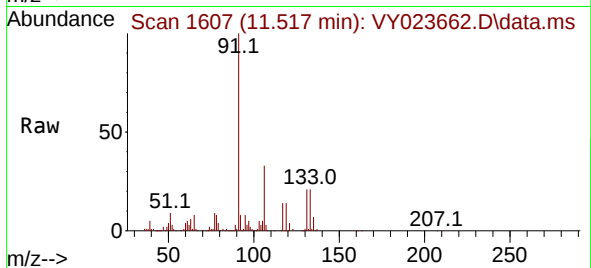
VSTDIC010

Tgt Ion: 91 Resp: 229438

Ion Ratio Lower Upper

91 100

106 33.3 26.6 40.0



#68

m/p-Xylenes

Concen: 19.072 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023662.D

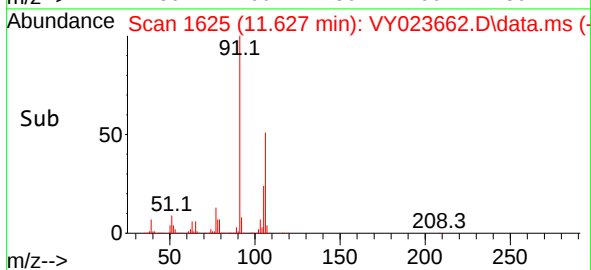
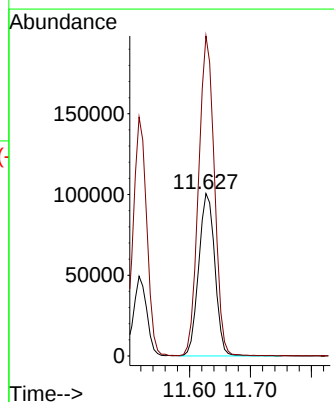
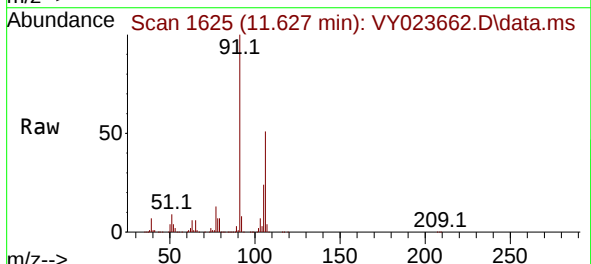
Acq: 04 Nov 2025 09:42

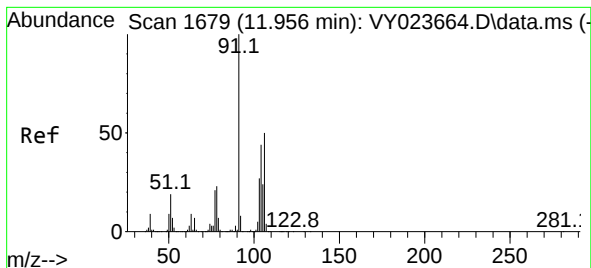
Tgt Ion:106 Resp: 185401

Ion Ratio Lower Upper

106 100

91 192.8 154.3 231.5

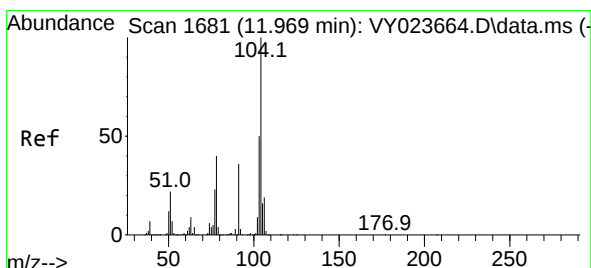
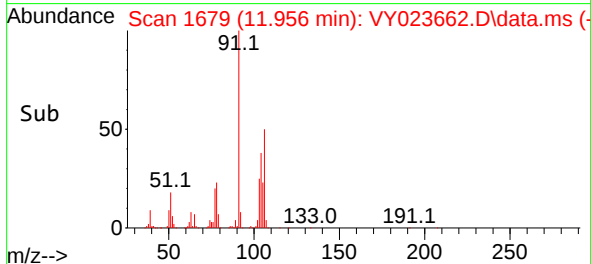
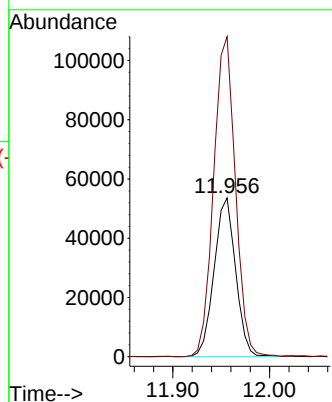
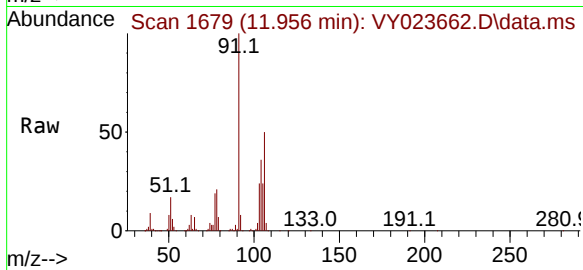




#69
o-Xylene
Concen: 9.219 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

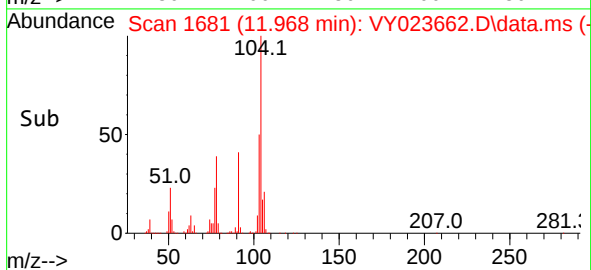
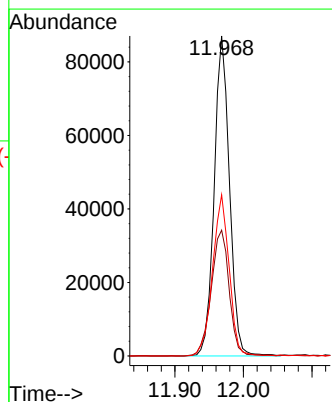
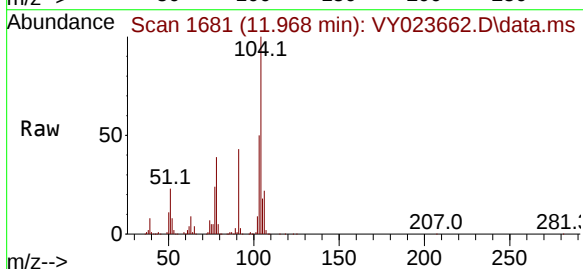
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

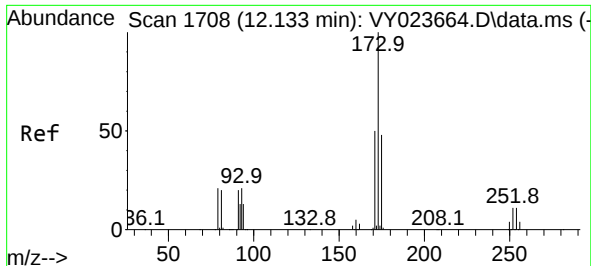
Tgt Ion:106 Resp: 82846
Ion Ratio Lower Upper
106 100
91 204.1 101.6 304.6



#70
Styrene
Concen: 9.119 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion:104 Resp: 135208
Ion Ratio Lower Upper
104 100
78 46.2 36.5 54.7
103 54.4 43.7 65.5

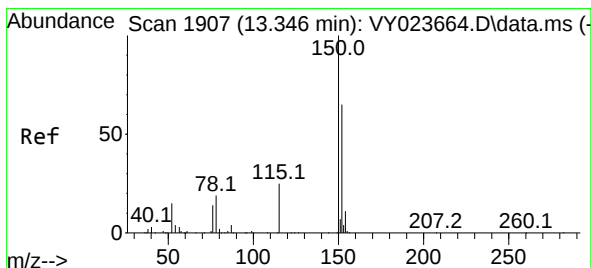
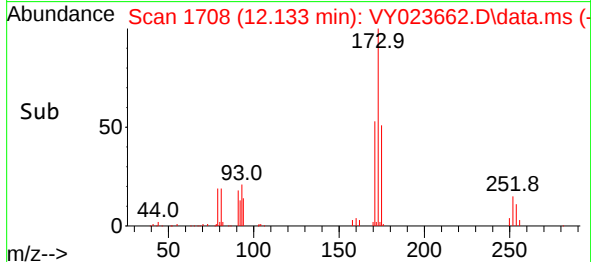
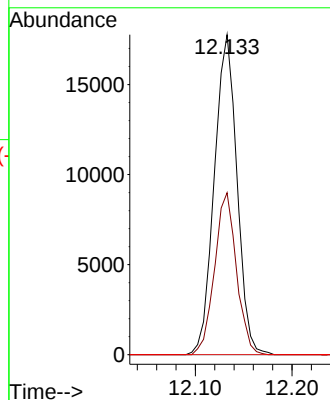
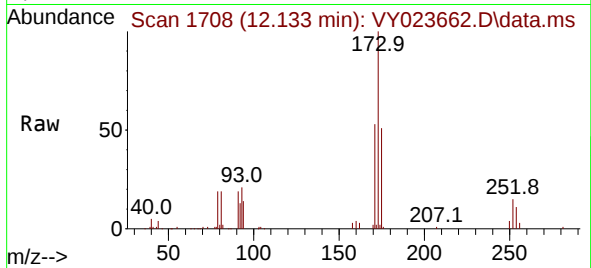




#71
Bromoform
Concen: 9.315 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

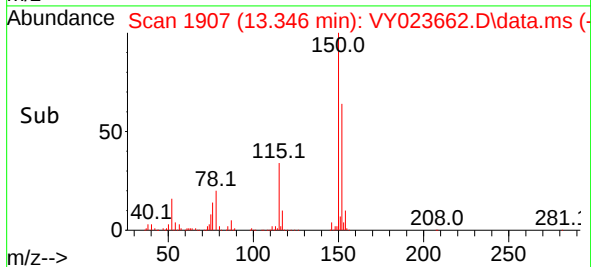
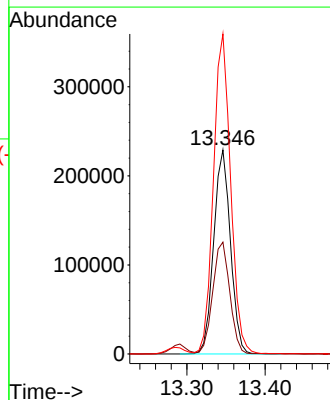
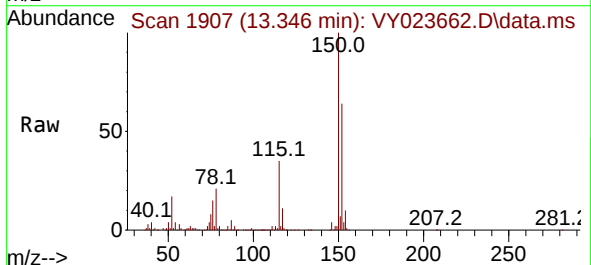
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

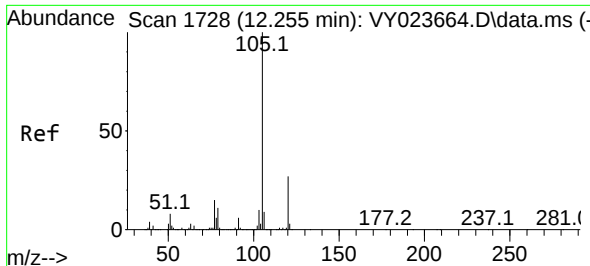
Tgt Ion:173 Resp: 28921
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion:152 Resp: 340245
Ion Ratio Lower Upper
152 100
115 55.9 27.5 82.5
150 160.5 0.0 349.0

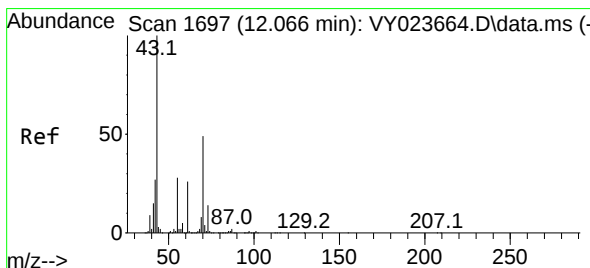
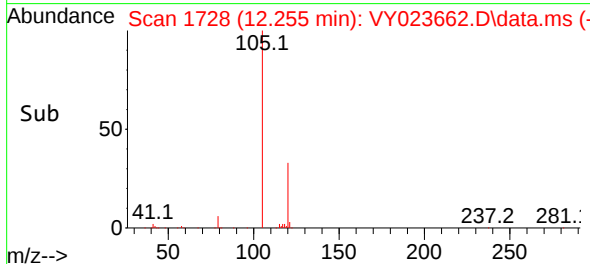
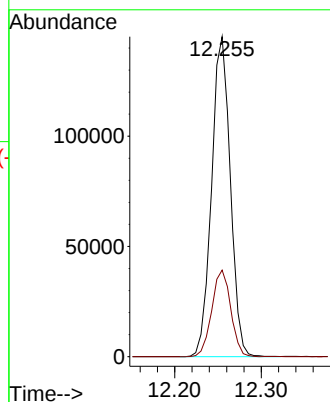
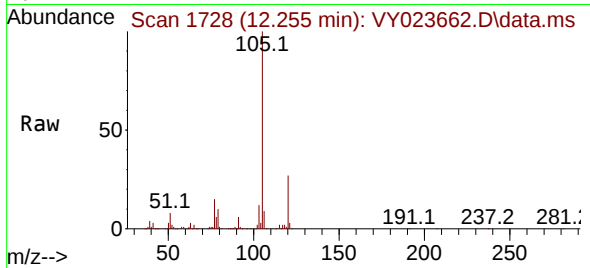




#73
Isopropylbenzene
Concen: 9.579 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

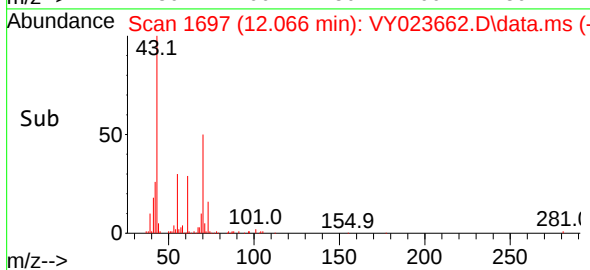
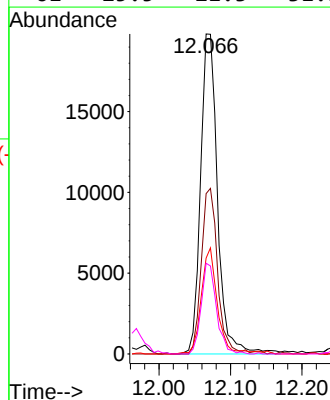
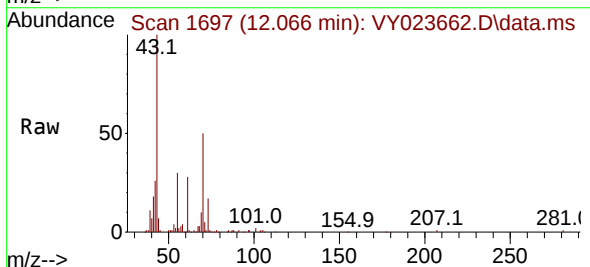
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

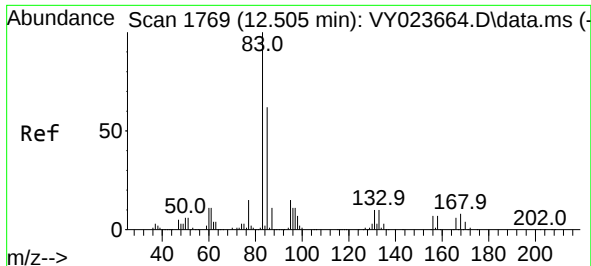
Tgt Ion:105 Resp: 217972
Ion Ratio Lower Upper
105 100
120 27.4 13.6 40.7



#74
N-ethyl acetate
Concen: 8.492 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion: 43 Resp: 32719
Ion Ratio Lower Upper
43 100
70 49.9 40.1 60.1
55 31.2 23.0 34.6
61 25.5 21.3 31.9

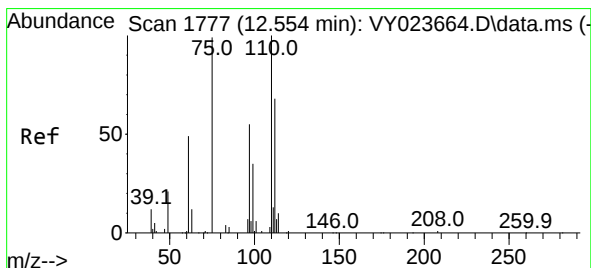
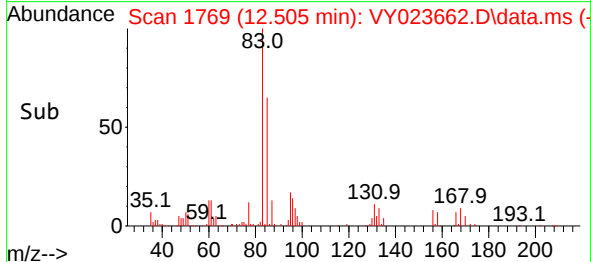
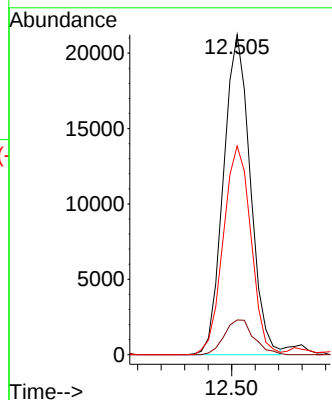
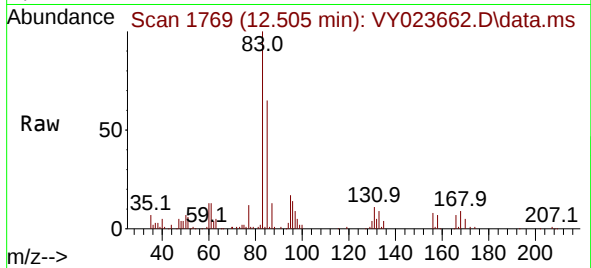




#75
 1,1,2,2-Tetrachloroethane
 Concen: 9.251 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY023662.D
 Acq: 04 Nov 2025 09:42

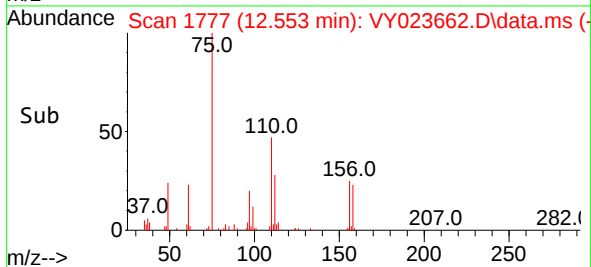
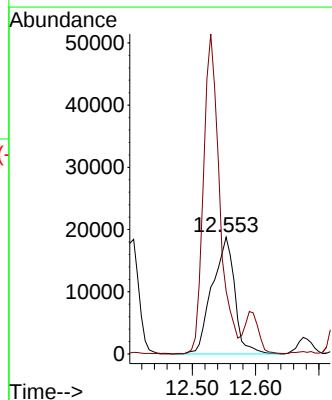
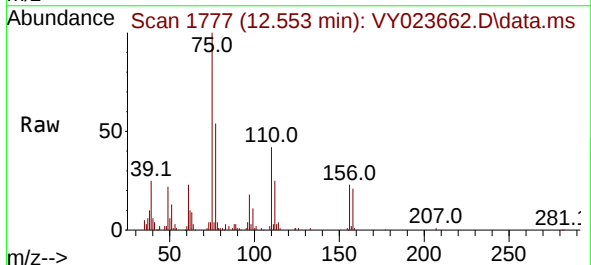
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

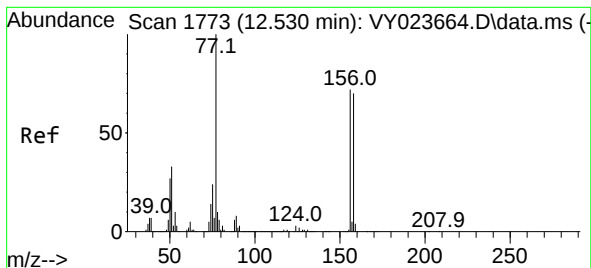
Tgt Ion: 83 Resp: 33622
 Ion Ratio Lower Upper
 83 100
 131 11.9 5.7 17.0
 85 67.4 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 16.827 ug/l
 RT: 12.553 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY023662.D
 Acq: 04 Nov 2025 09:42

Tgt Ion: 75 Resp: 46336
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.855 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

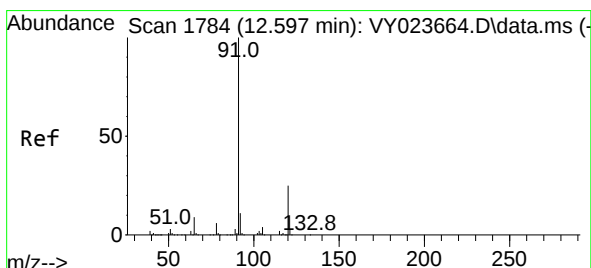
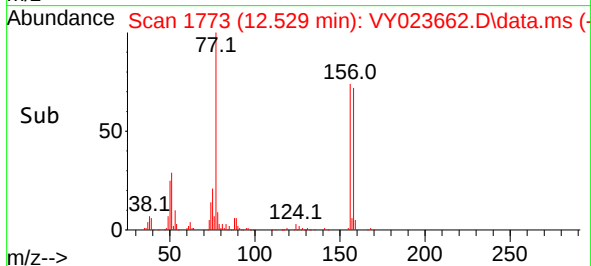
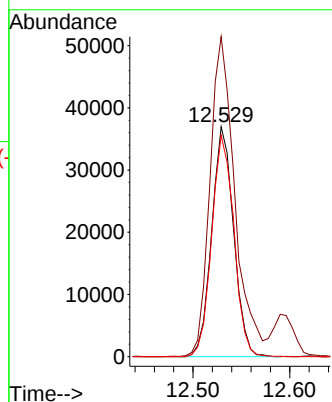
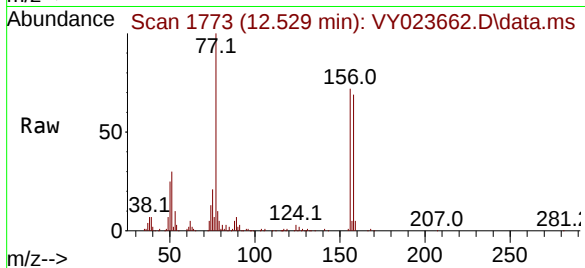
Tgt Ion:156 Resp: 58175

Ion Ratio Lower Upper

156 100

77 157.7 77.9 233.7

158 97.3 48.5 145.5



#78

n-propylbenzene

Concen: 9.612 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY023662.D

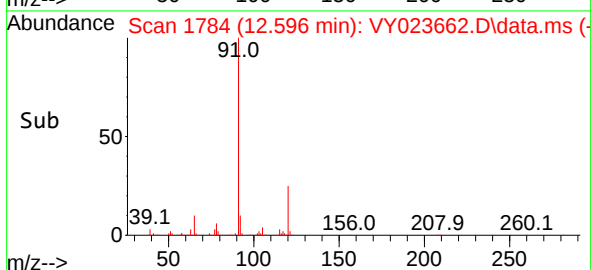
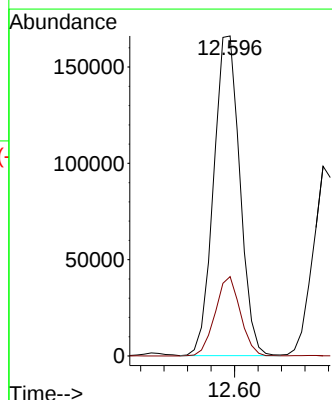
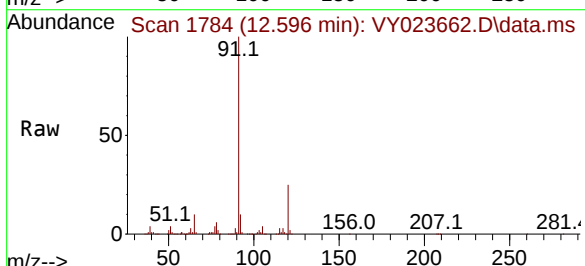
Acq: 04 Nov 2025 09:42

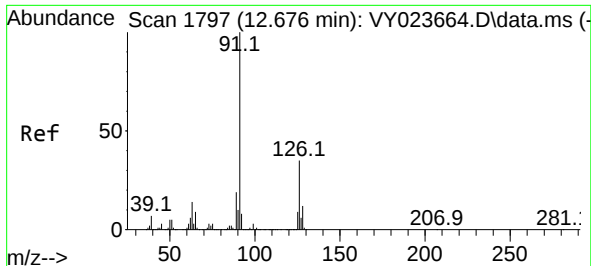
Tgt Ion: 91 Resp: 257281

Ion Ratio Lower Upper

91 100

120 23.9 12.0 36.1

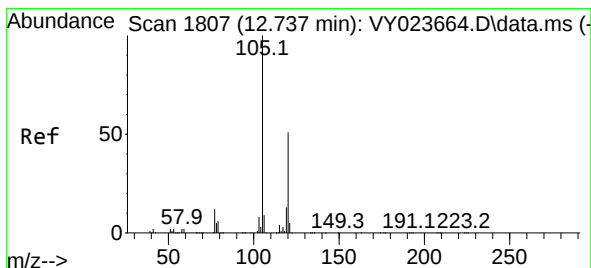
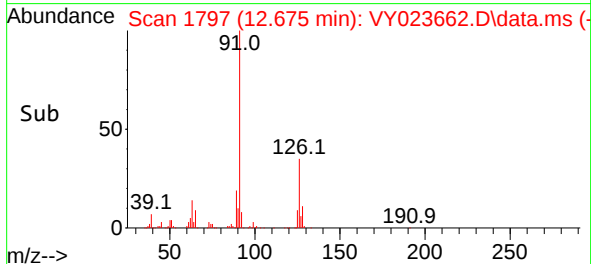
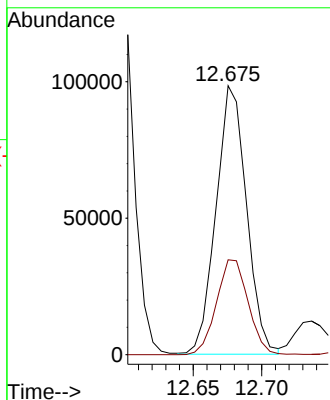
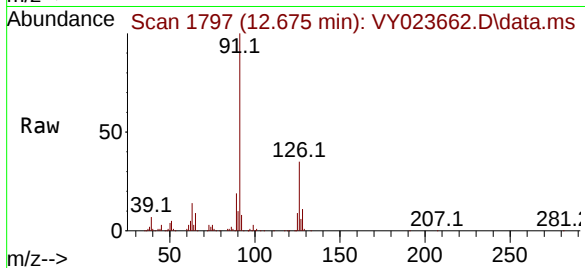




#79
2-Chlorotoluene
Concen: 9.830 ug/l
RT: 12.675 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

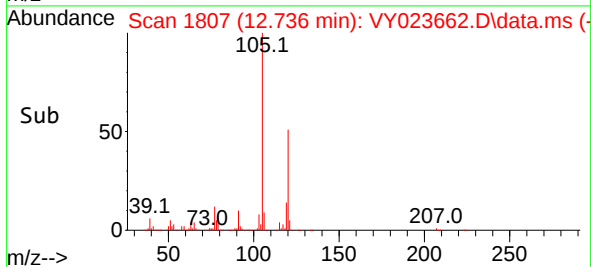
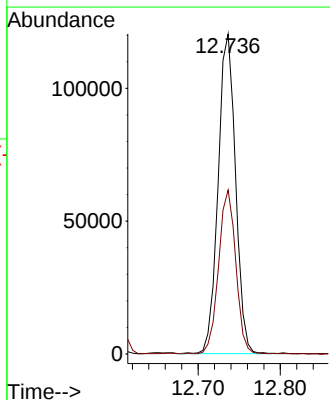
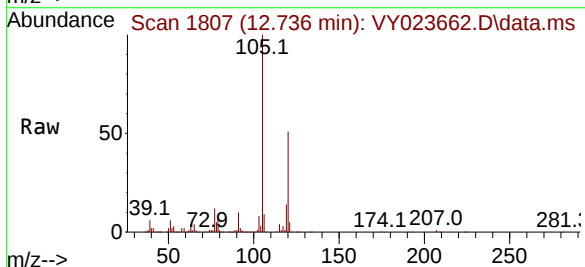
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

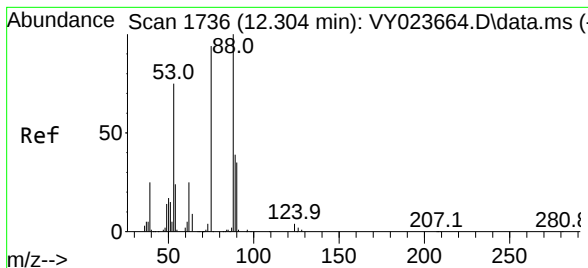
Tgt Ion: 91 Resp: 152691
Ion Ratio Lower Upper
91 100
126 36.6 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 9.585 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion: 105 Resp: 177222
Ion Ratio Lower Upper
105 100
120 51.0 25.4 76.2

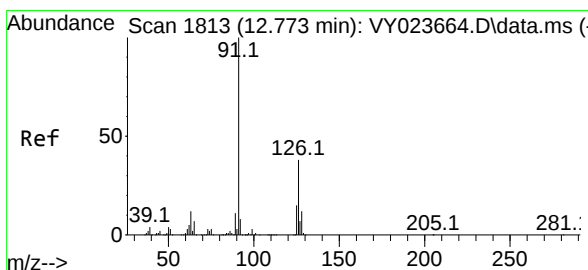
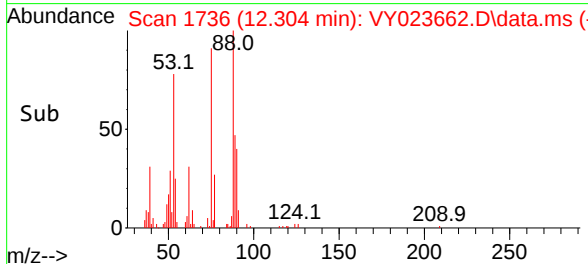
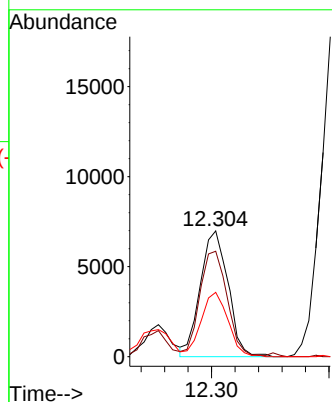
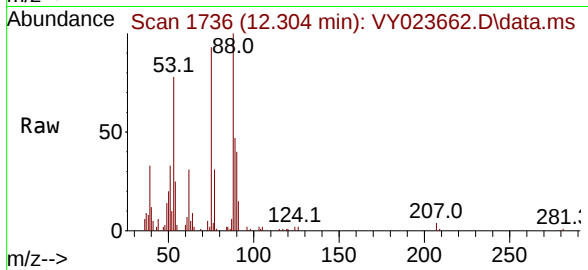




#81
trans-1,4-Dichloro-2-butene
Concen: 9.416 ug/l
RT: 12.304 min Scan# 11473
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

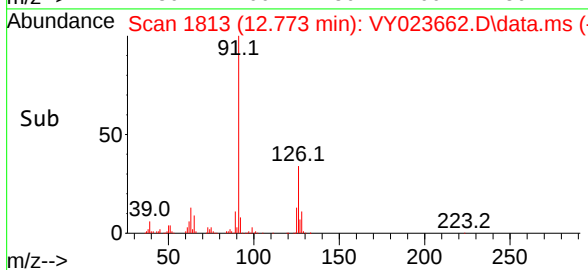
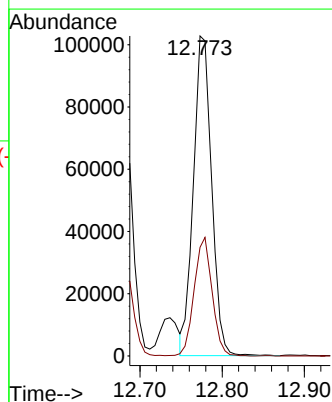
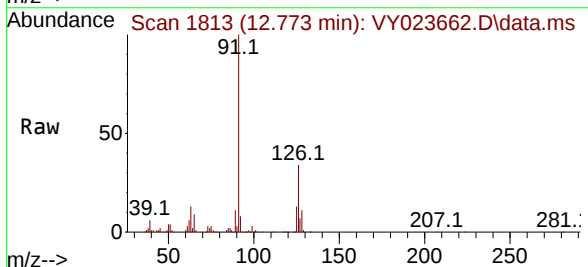
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

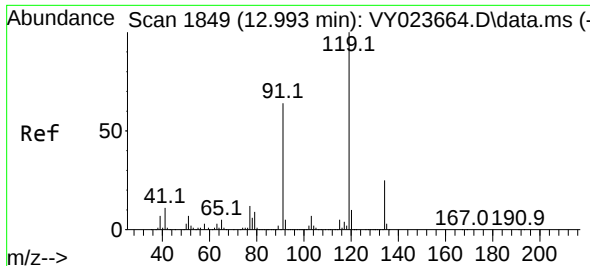
Tgt Ion: 75 Resp: 11473
Ion Ratio Lower Upper
75 100
53 81.0 69.6 104.4
89 49.7 38.2 57.4



#82
4-Chlorotoluene
Concen: 9.876 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion: 91 Resp: 158206
Ion Ratio Lower Upper
91 100
126 36.5 18.1 54.4

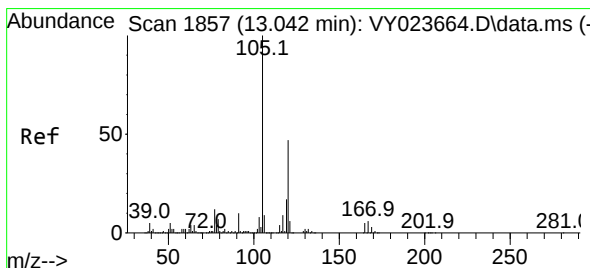
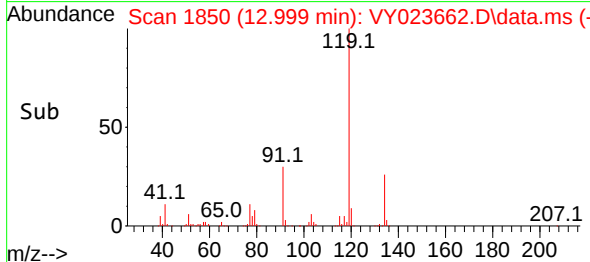
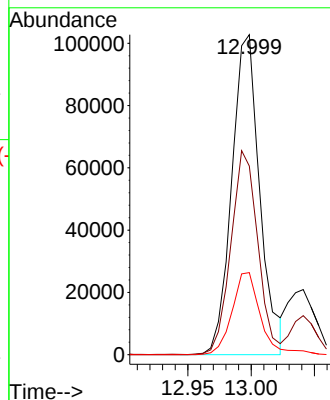
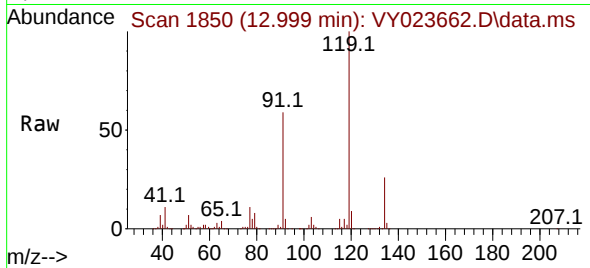




#83
tert-Butylbenzene
Concen: 9.400 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

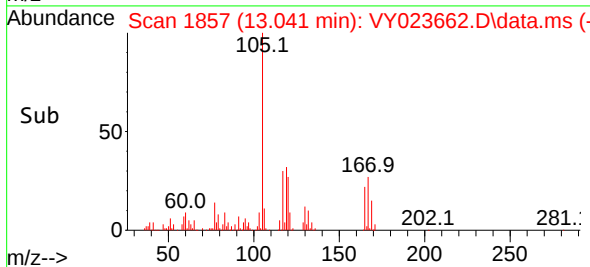
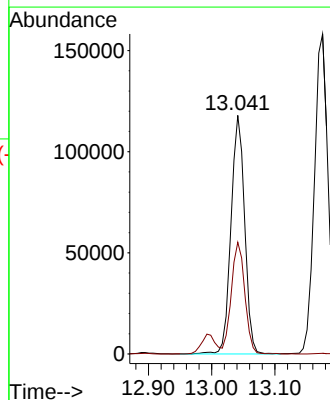
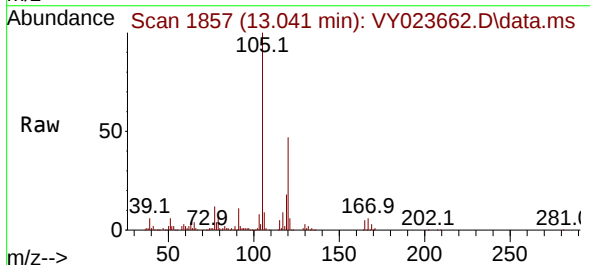
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

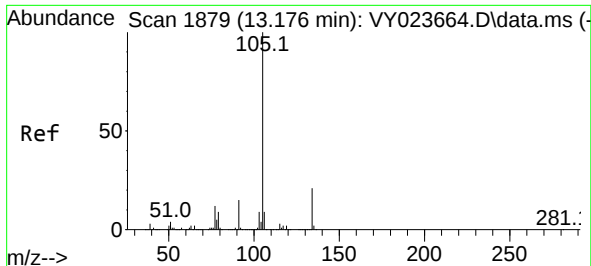
Tgt Ion:119 Resp: 158294
Ion Ratio Lower Upper
119 100
91 61.5 30.7 92.1
134 26.2 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 9.667 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion:105 Resp: 177023
Ion Ratio Lower Upper
105 100
120 46.2 23.2 69.6

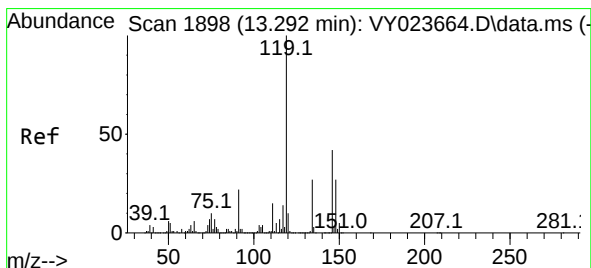
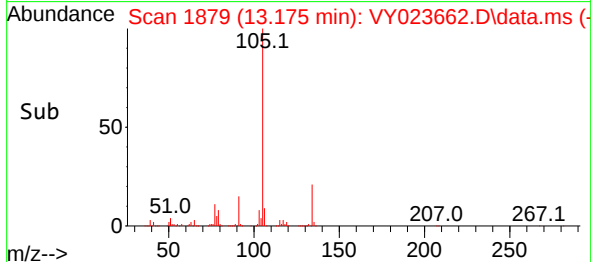
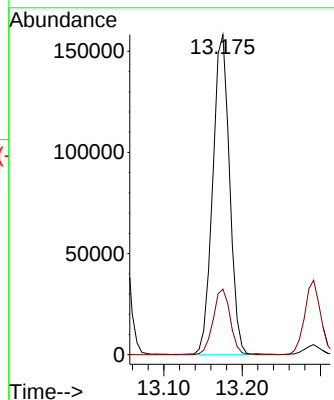
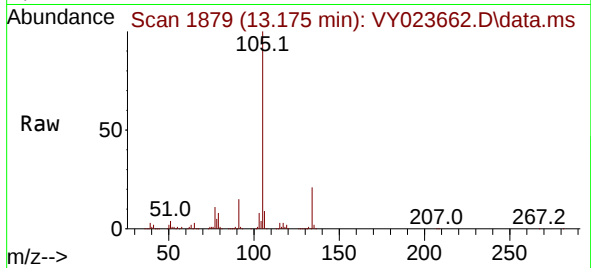




#85
 sec-Butylbenzene
 Concen: 9.730 ug/l
 RT: 13.175 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY023662.D
 Acq: 04 Nov 2025 09:42

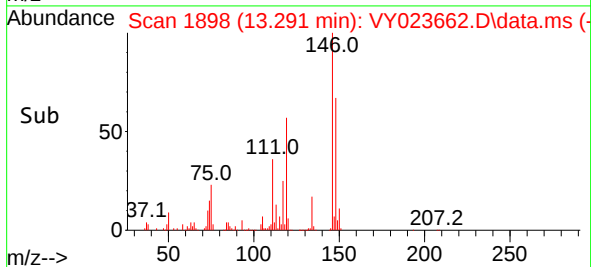
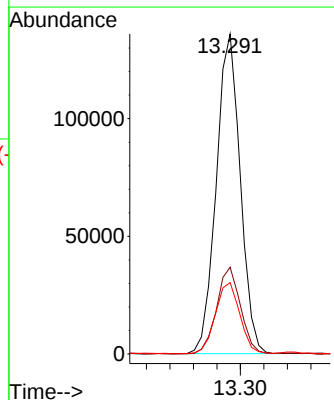
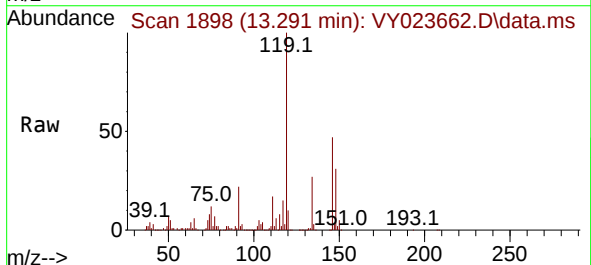
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

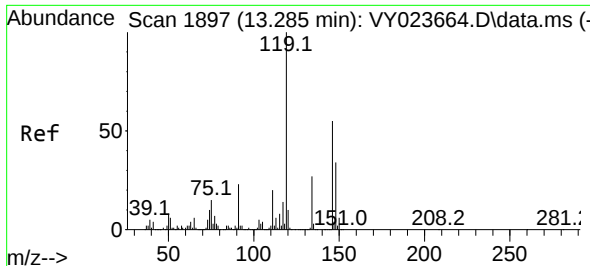
Tgt Ion:105 Resp: 236332
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 9.365 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY023662.D
 Acq: 04 Nov 2025 09:42

Tgt Ion:119 Resp: 192560
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.2
 91 22.8 11.1 33.1

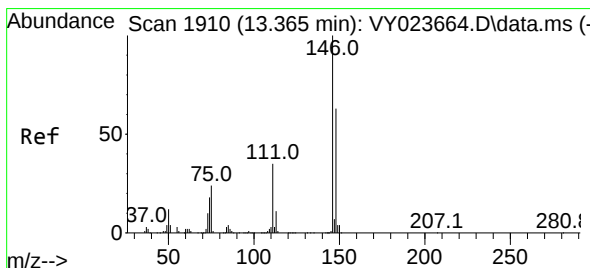
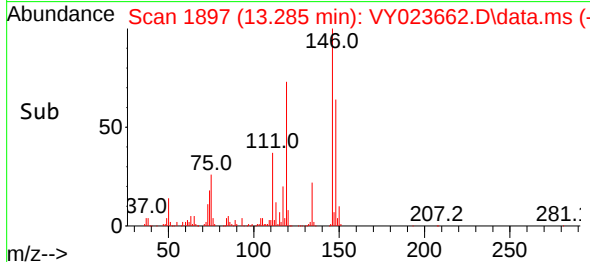
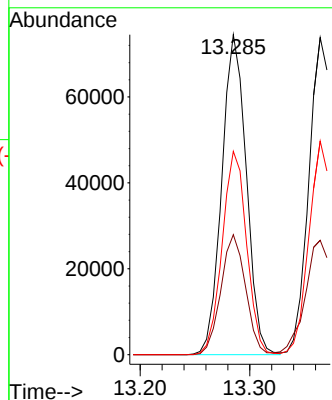
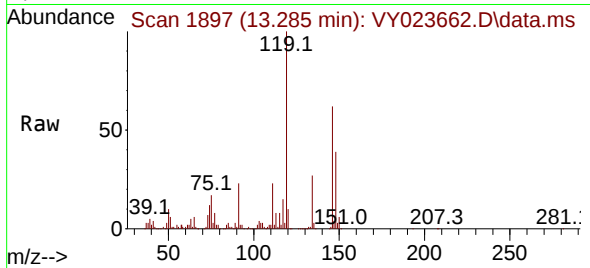




#87
1,3-Dichlorobenzene
Concen: 9.976 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

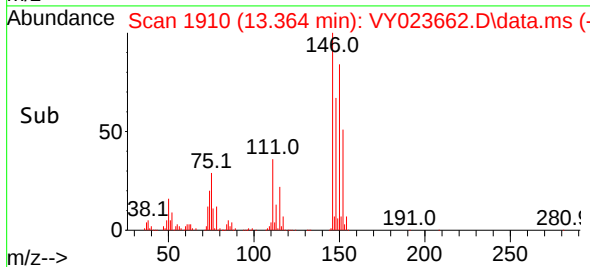
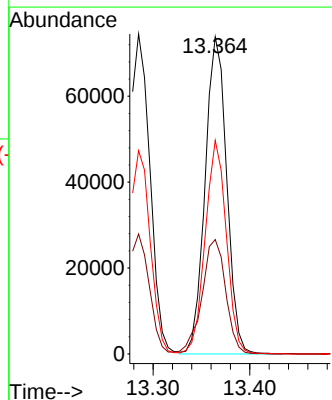
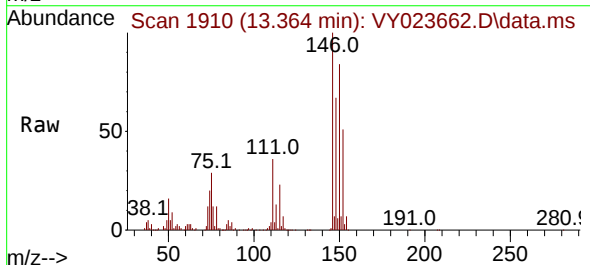
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

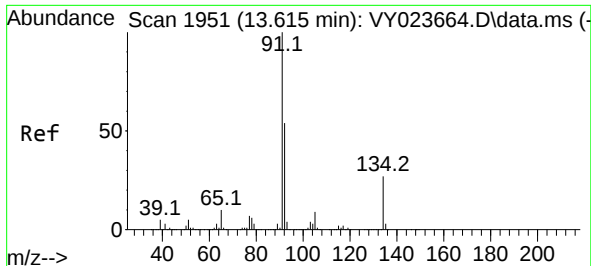
Tgt Ion:146 Resp: 115903
Ion Ratio Lower Upper
146 100
111 37.7 18.8 56.3
148 63.3 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 10.046 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023662.D
Acq: 04 Nov 2025 09:42

Tgt Ion:146 Resp: 114652
Ion Ratio Lower Upper
146 100
111 39.8 18.3 54.8
148 66.0 31.8 95.3





#89

n-Butylbenzene

Concen: 9.290 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

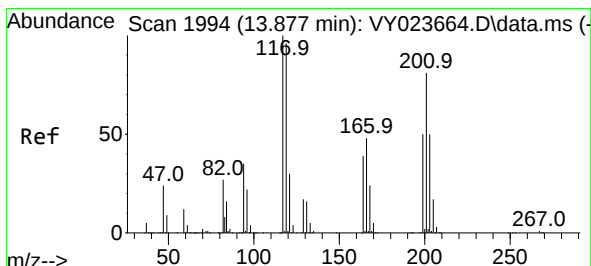
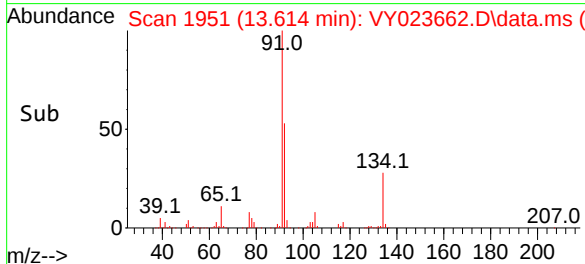
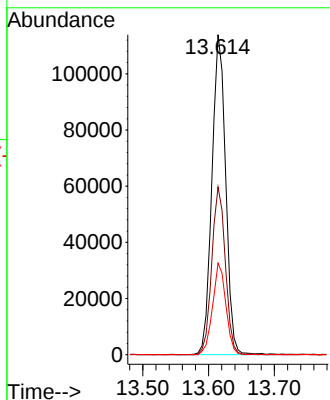
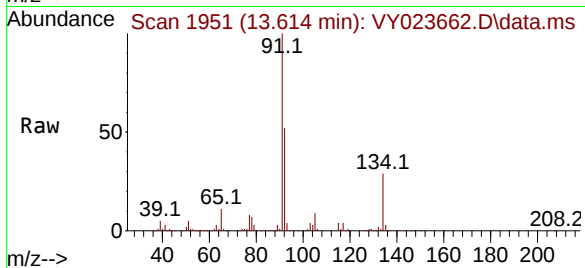
Tgt Ion: 91 Resp: 166099

Ion Ratio Lower Upper

91 100

92 51.6 26.5 79.4

134 27.6 13.7 41.1



#90

Hexachloroethane

Concen: 10.101 ug/l

RT: 13.876 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY023662.D

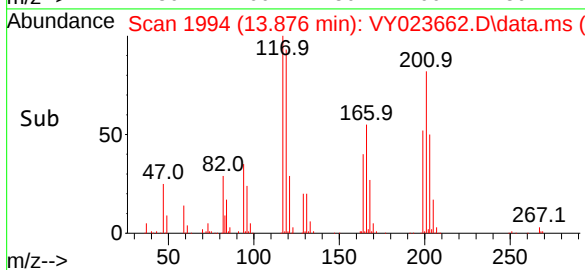
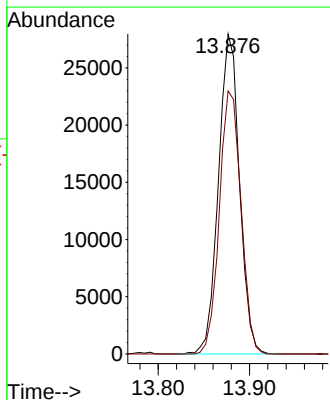
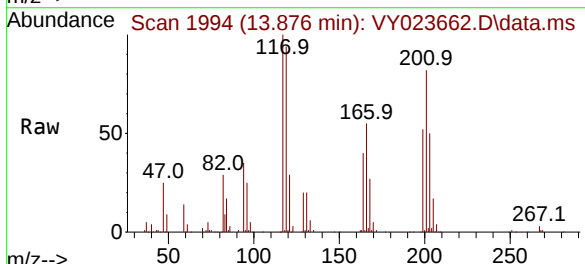
Acq: 04 Nov 2025 09:42

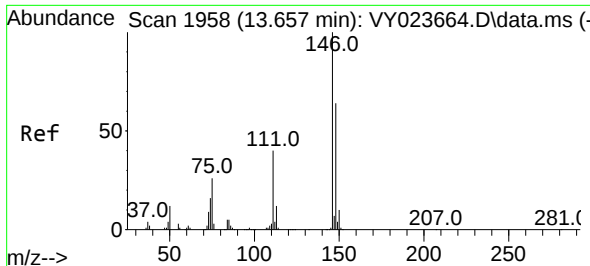
Tgt Ion: 117 Resp: 44630

Ion Ratio Lower Upper

117 100

201 84.7 42.3 126.8

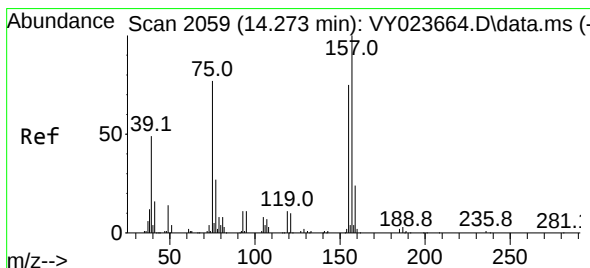
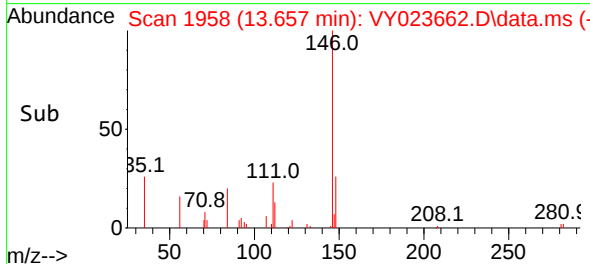
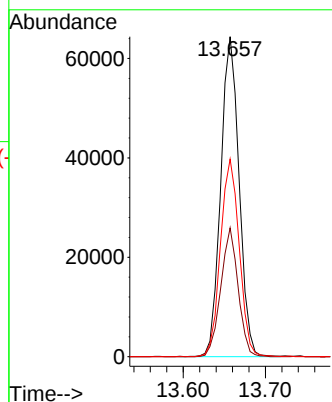
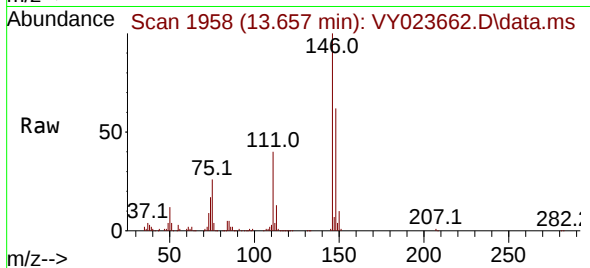




#91
 1,2-Dichlorobenzene
 Concen: 9.974 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023662.D
 Acq: 04 Nov 2025 09:42

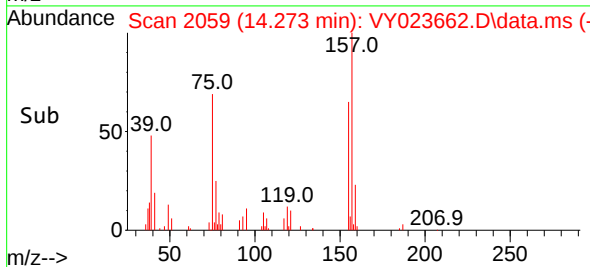
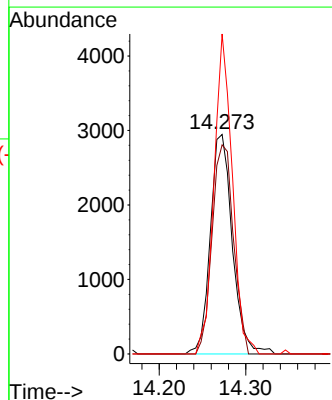
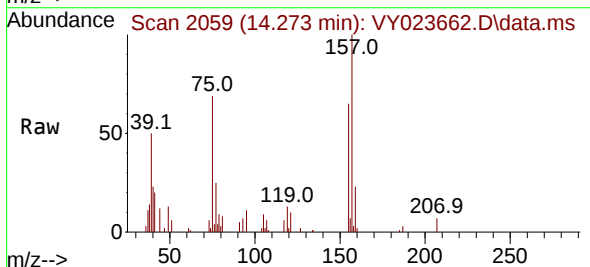
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

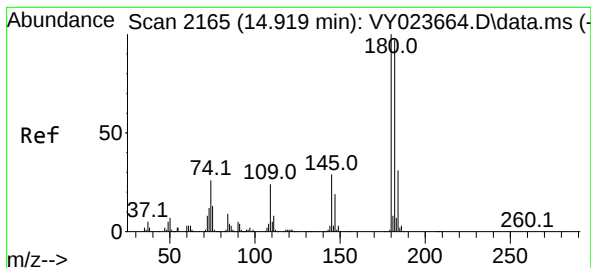
Tgt Ion:	146	Resp:	99858
Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.5	58.5
148	63.3	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.296 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023662.D
 Acq: 04 Nov 2025 09:42

Tgt Ion:	75	Resp:	5202
Ion	Ratio	Lower	Upper
75	100		
155	92.8	49.4	148.2
157	121.2	63.2	189.8





#93

1,2,4-Trichlorobenzene

Concen: 8.872 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

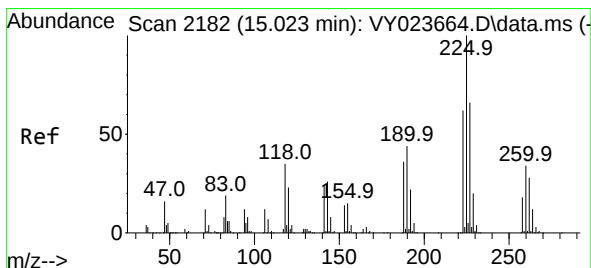
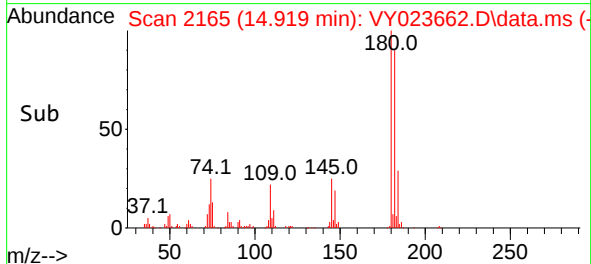
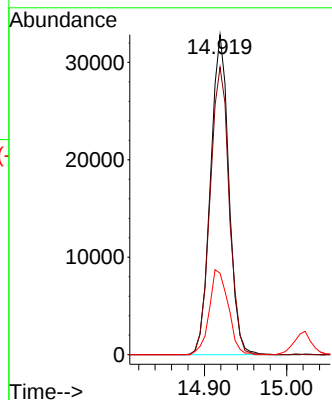
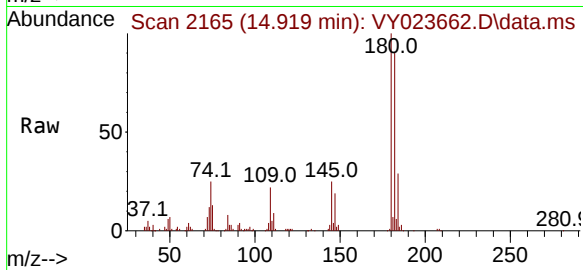
Tgt Ion:180 Resp: 50808

Ion Ratio Lower Upper

180 100

182 93.1 47.5 142.6

145 27.6 14.4 43.4



#94

Hexachlorobutadiene

Concen: 9.999 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

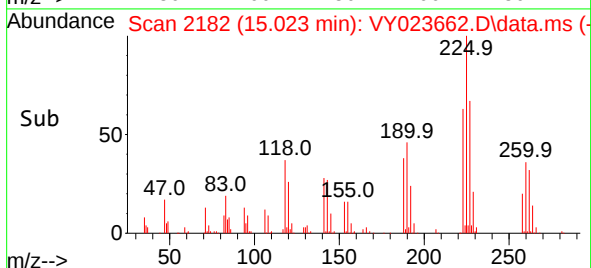
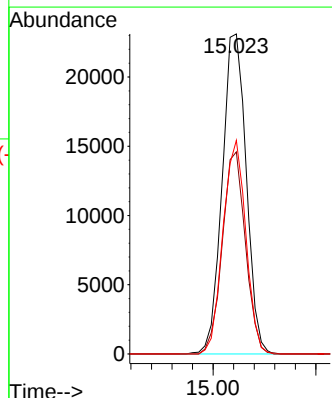
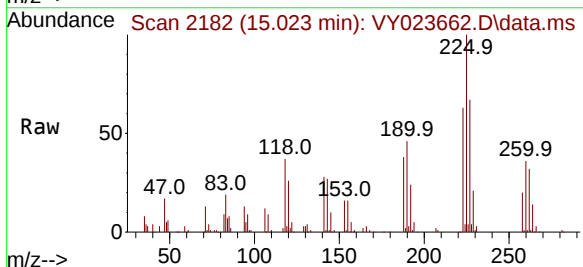
Tgt Ion:225 Resp: 37521

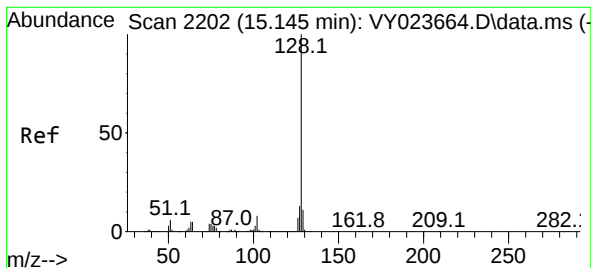
Ion Ratio Lower Upper

225 100

223 60.7 30.8 92.3

227 63.5 32.0 96.2





#95

Naphthalene

Concen: 11.029 ug/l

RT: 15.144 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

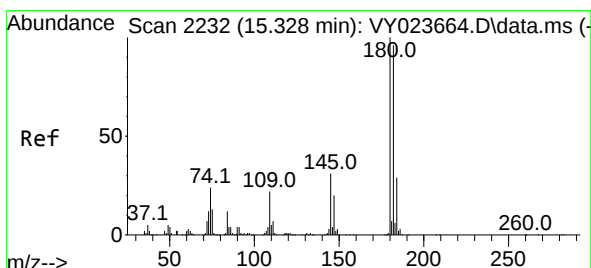
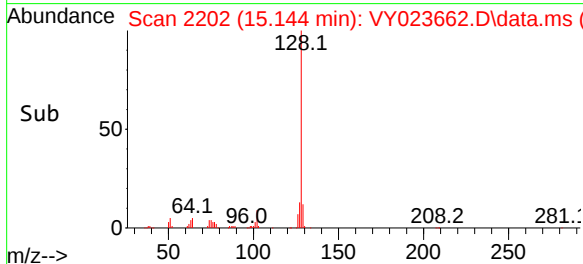
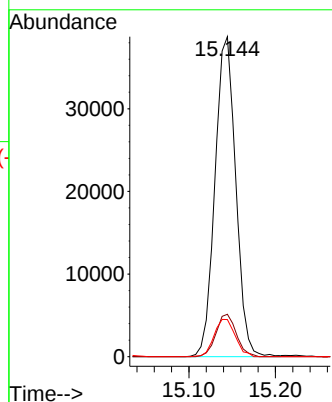
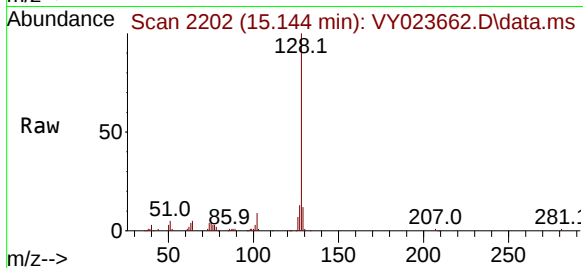
Tgt Ion:128 Resp: 64530

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 8.697 ug/l

RT: 15.327 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023662.D

Acq: 04 Nov 2025 09:42

Tgt Ion:180 Resp: 41611

Ion Ratio Lower Upper

180 100

182 97.6 47.5 142.6

145 31.4 15.5 46.5

