

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111925\
 Data File : VV039404.D
 Acq On : 19 Nov 2025 09:53
 Operator : SY/MD
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5260

Quant Time: Nov 20 03:22:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 03:21:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	246466	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	271666	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	161039	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	16060	0.474	ug/L	0.00
7) Chloroethane-d5	1.545	69	14630	0.586	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.072	65	7298	0.514	ug/L	0.00
20) 2-Butanone-d5	3.732	46	702	0.153	ug/L	-0.06
24) Chloroform-d	4.259	84	34734	0.657	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.966	65	16902	0.706	ug/L	0.02
32) Benzene-d6	4.973	84	50282	0.494	ug/L	0.01
36) 1,2-Dichloropropane-d6	5.998	67	22311	0.599	ug/L	0.01
41) Toluene-d8	7.243	98	42544	0.471	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	345	0.030	ug/L	0.08
46) 2-Hexanone-d5	8.040	63	10478	2.965	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.146	84	11405	0.502	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	15284	0.510	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	14033	0.444	ug/L	99
3) Chloromethane	1.227	50	11004	0.320	ug/L	95
5) Vinyl chloride	1.298	62	12179	0.365	ug/L #	71
6) Bromomethane	1.500	94	6953	0.405	ug/L	91
8) Chloroethane	1.561	64	9080	0.440	ug/L	99
9) Trichlorofluoromethane	1.725	101	24231	0.523	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.082	101	16053	0.591	ug/L #	92
12) 1,1-Dichloroethene	2.085	96	11351	0.470	ug/L	84
13) Acetone	2.127	43	20504	5.755	ug/L	81
14) Carbon disulfide	2.253	76	20699	0.274	ug/L #	89
15) Methyl Acetate	2.404	43	1978	0.218	ug/L #	73
16) Methylene chloride	2.458	84	18683	0.663	ug/L	88
17) Methyl tert-butyl Ether	2.709	73	23759	0.511	ug/L	95
18) trans-1,2-Dichloroethene	2.712	96	11969	0.491	ug/L	97
19) 1,1-Dichloroethane	3.124	63	29039	0.568	ug/L	97
21) 2-Butanone	3.886	43	308	0.060	ug/L	85
22) cis-1,2-Dichloroethene	3.838	96	12003	0.472	ug/L	91
23) Bromochloromethane	4.175	128	6038	0.525	ug/L	93
25) Chloroform	4.285	83	31409	0.605	ug/L	93
27) 1,2-Dichloroethane	5.059	62	16301	0.580	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	27721	0.601	ug/L	96
30) Cyclohexane	4.359	56	595	0.015	ug/L	91
31) Carbon tetrachloride	4.738	117	22802	0.558	ug/L	96
33) Benzene	5.021	78	42447	0.404	ug/L	100
34) Trichloroethene	5.847	95	12980	0.484	ug/L	92
35) Methylcyclohexane	6.050	83	13253	0.329	ug/L	94
37) 1,2-Dichloropropane	6.101	63	13617	0.483	ug/L #	94
38) Bromodichloromethane	6.439	83	21016	0.560	ug/L #	94
39) cis-1,3-Dichloropropene	6.966	75	15877	0.429	ug/L	85
40) 4-Methyl-2-pentanone	7.159	43	44807	3.498	ug/L	94
42) Toluene	7.320	91	42422	0.396	ug/L	97
44) trans-1,3-Dichloropropene	7.596	75	12568	0.401	ug/L	98

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 VSTD0.5260

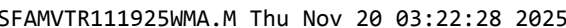
Quant Time: Nov 20 03:22:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 03:21:50 2025
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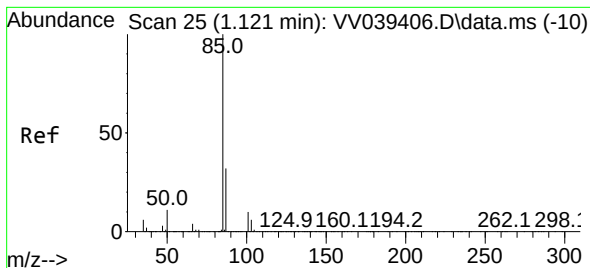
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.773	97	10869	0.537	ug/L	87
47) Tetrachloroethene	7.899	164	13432	0.627	ug/L	95
48) 2-Hexanone	8.082	43	26107	2.986	ug/L	91
49) Dibromochloromethane	8.169	129	14420	0.629	ug/L	89
50) 1,2-Dibromoethane	8.288	107	8749	0.499	ug/L #	89
51) Chlorobenzene	8.812	112	35846	0.504	ug/L	98
52) Ethylbenzene	8.944	91	43581	0.393	ug/L	97
53) m,p-Xylene	9.072	106	16564	0.394	ug/L	98
54) o-Xylene	9.474	106	16490	0.414	ug/L	100
55) Styrene	9.500	104	27536	0.401	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	14449	0.623	ug/L	95
59) Bromoform	9.664	173	8425	0.663	ug/L #	95
60) Isopropylbenzene	9.860	105	45241	0.395	ug/L	98
61) 1,2,3-Trichloropropane	10.204	75	8079	0.496	ug/L	95
62) 1,3,5-Trimethylbenzene	10.468	105	34556	0.393	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	33063	0.376	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	27027	0.477	ug/L	86
65) 1,4-Dichlorobenzene	11.201	146	28008	0.470	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	25102	0.484	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.358	75	892	0.253	ug/L #	69
69) 1,3,5-Trichlorobenzene	12.577	180	21845	0.580	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	16028	0.540	ug/L	97
71) Naphthalene	13.439	128	16715	0.367	ug/L #	85
72) 1,2,3-Trichlorobenzene	13.673	180	14165	0.527	ug/L	98

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

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Response via : Initial Calibration

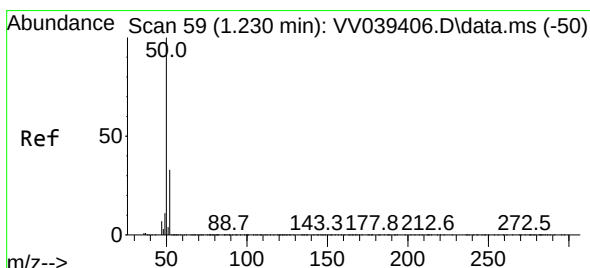
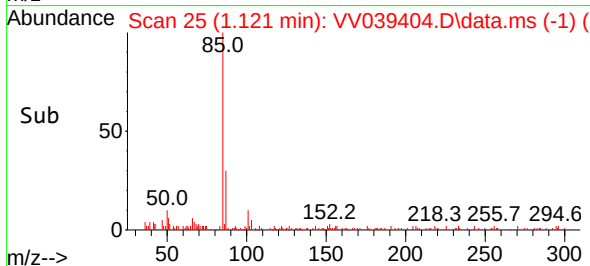
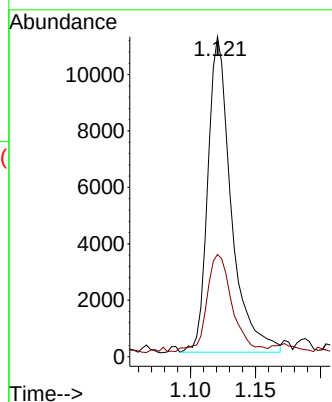
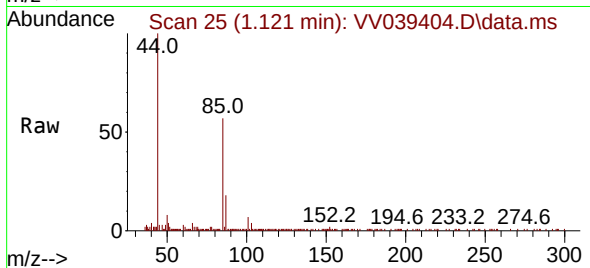




#2
 Dichlorodifluoromethane
 Concen: 0.444 ug/L
 RT: 1.121 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV039404.D
 Acq: 19 Nov 2025 09:53

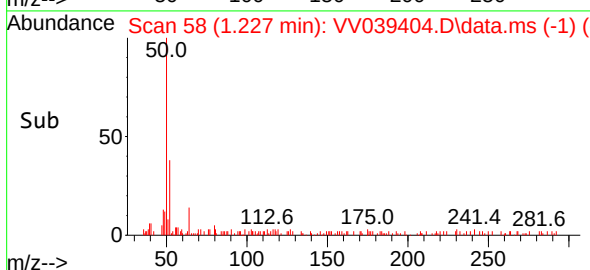
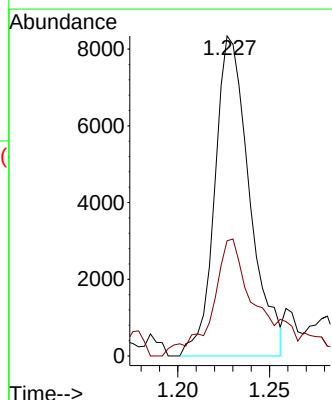
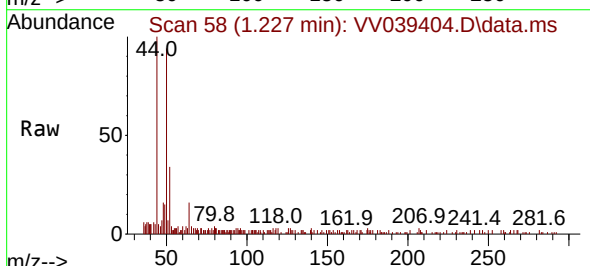
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5260

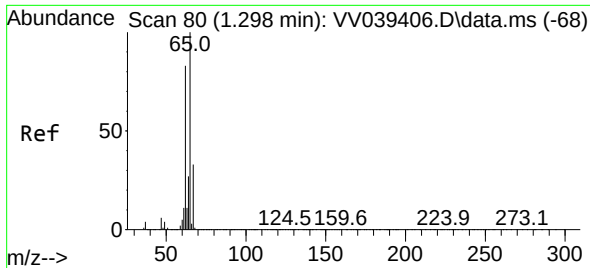
Tgt Ion: 85 Resp: 14033
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.8 38.8



#3
 Chloromethane
 Concen: 0.320 ug/L
 RT: 1.227 min Scan# 58
 Delta R.T. -0.003 min
 Lab File: VV039404.D
 Acq: 19 Nov 2025 09:53

Tgt Ion: 50 Resp: 11004
 Ion Ratio Lower Upper
 50 100
 52 36.0 23.2 43.2

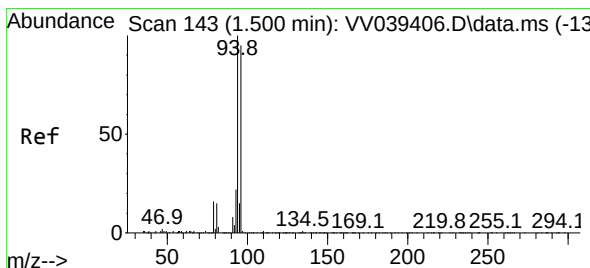
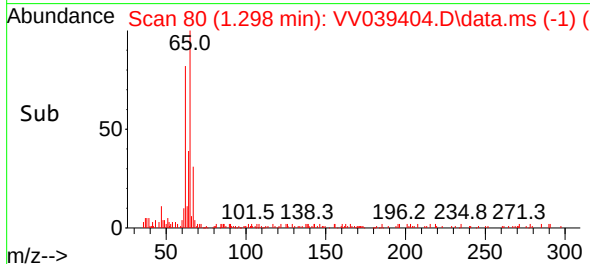
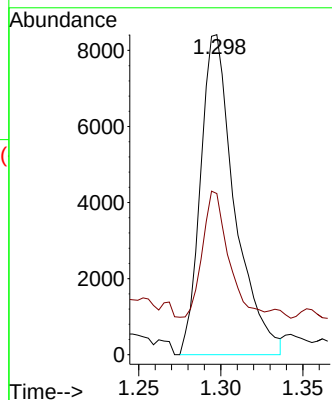
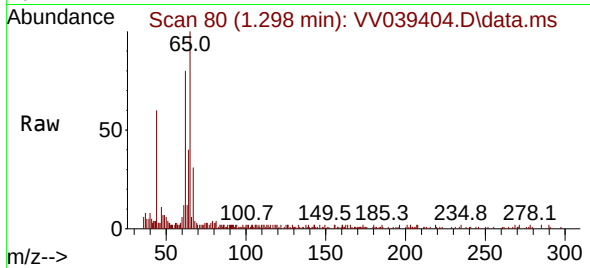




#5
 Vinyl chloride
 Concen: 0.365 ug/L
 RT: 1.298 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VV039404.D
 Acq: 19 Nov 2025 09:53

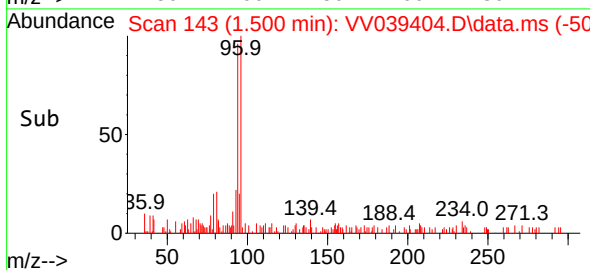
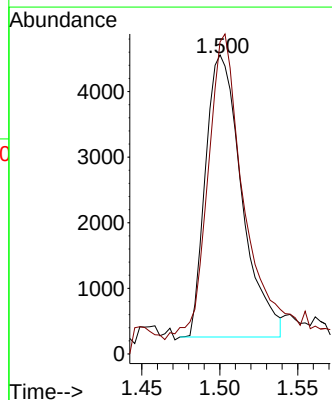
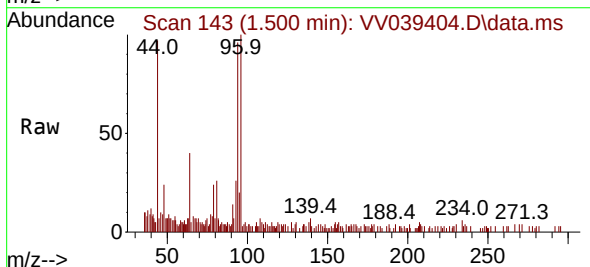
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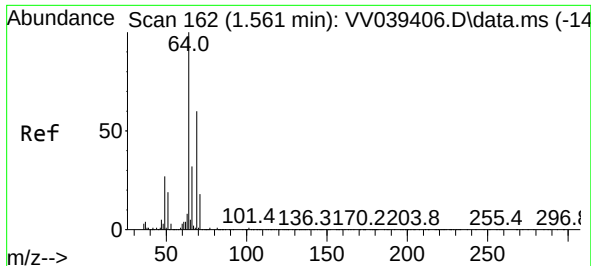
Tgt Ion: 62 Resp: 12179
 Ion Ratio Lower Upper
 62 100
 64 50.4 23.7 44.1#



#6
 Bromomethane
 Concen: 0.405 ug/L
 RT: 1.500 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VV039404.D
 Acq: 19 Nov 2025 09:53

Tgt Ion: 94 Resp: 6953
 Ion Ratio Lower Upper
 94 100
 96 104.3 67.2 124.8

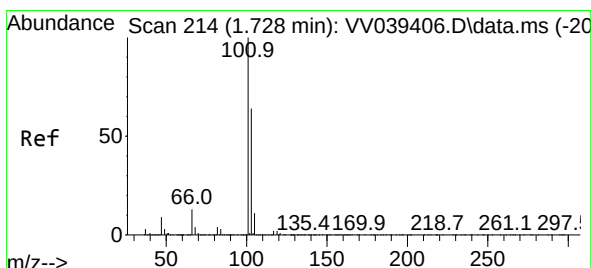
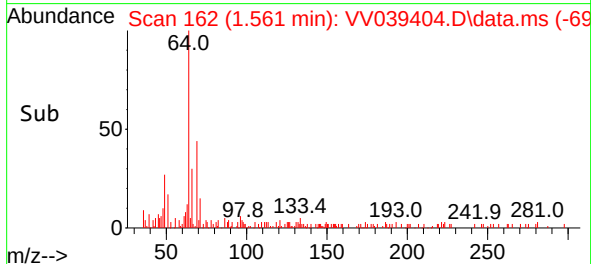
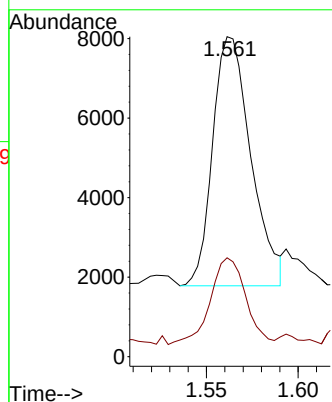
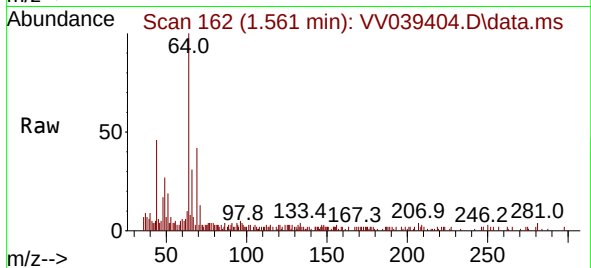




#8
Chloroethane
Concen: 0.440 ug/L
RT: 1.561 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

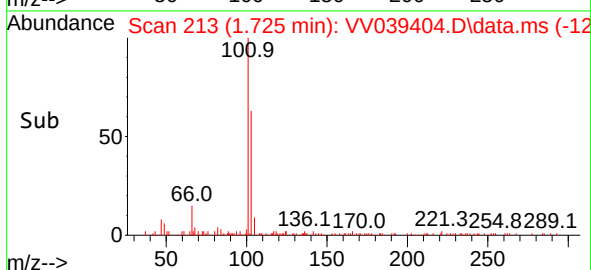
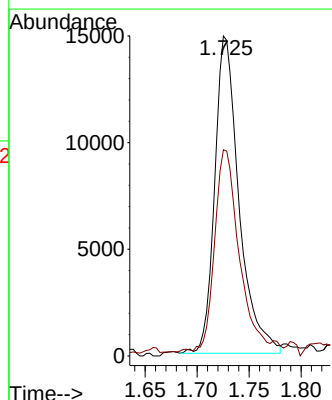
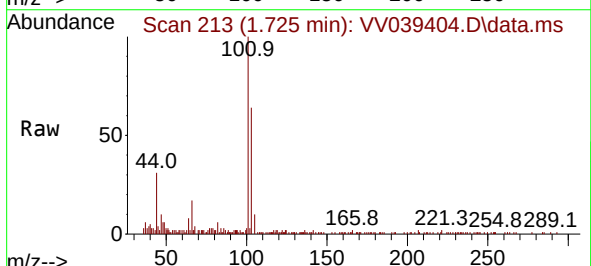
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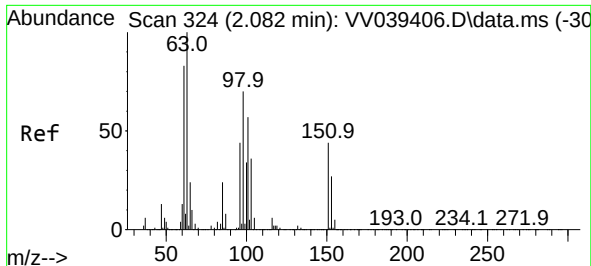
Tgt Ion: 64 Resp: 9080
Ion Ratio Lower Upper
64 100
66 30.9 22.0 41.0



#9
Trichlorofluoromethane
Concen: 0.523 ug/L
RT: 1.725 min Scan# 213
Delta R.T. -0.003 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

Tgt Ion: 101 Resp: 24231
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

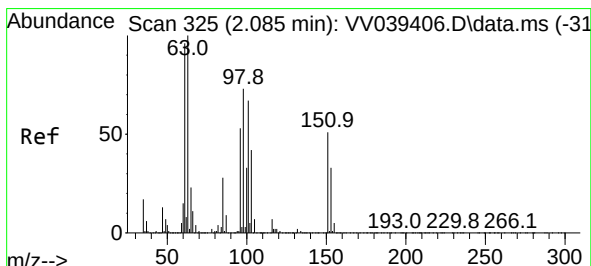
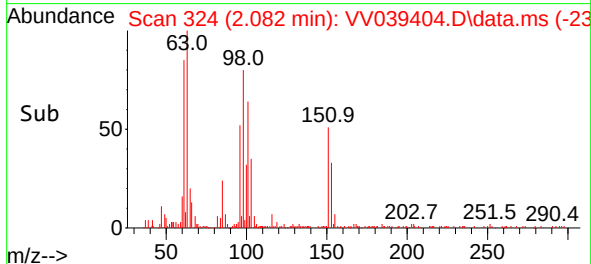
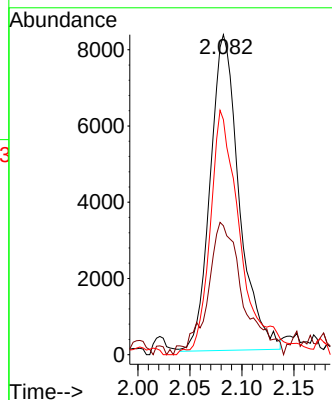
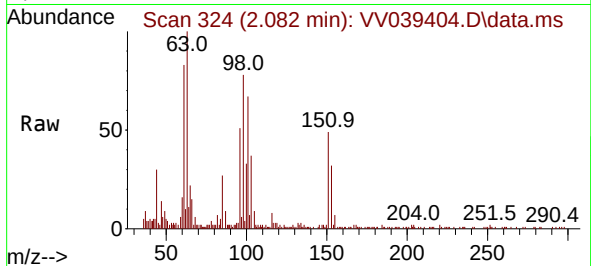




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.591 ug/L
 RT: 2.082 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV039404.D
 Acq: 19 Nov 2025 09:53

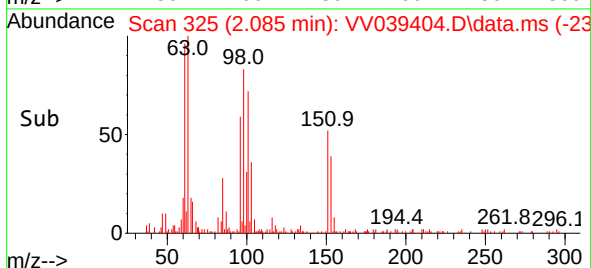
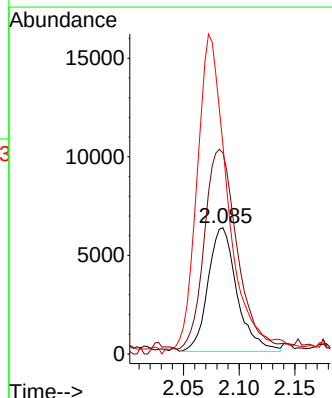
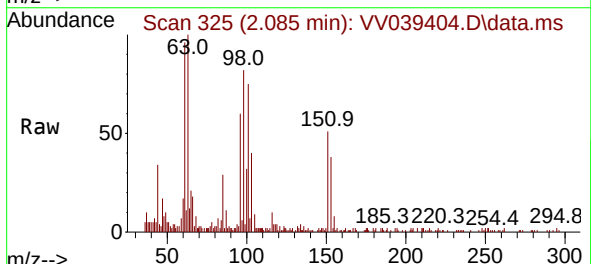
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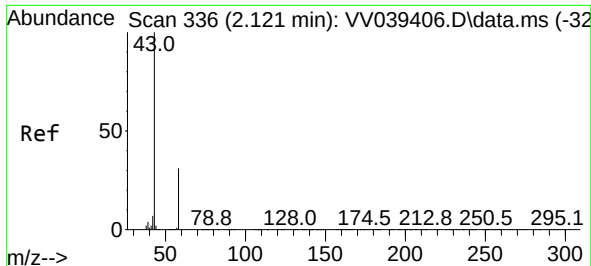
Tgt Ion:101 Resp: 16053
 Ion Ratio Lower Upper
 101 100
 85 51.1 34.0 51.0#
 151 82.5 62.3 93.5



#12
 1,1-Dichloroethene
 Concen: 0.470 ug/L
 RT: 2.085 min Scan# 325
 Delta R.T. 0.000 min
 Lab File: VV039404.D
 Acq: 19 Nov 2025 09:53

Tgt Ion: 96 Resp: 11351
 Ion Ratio Lower Upper
 96 100
 61 159.4 127.7 237.1
 63 166.0 132.6 246.2

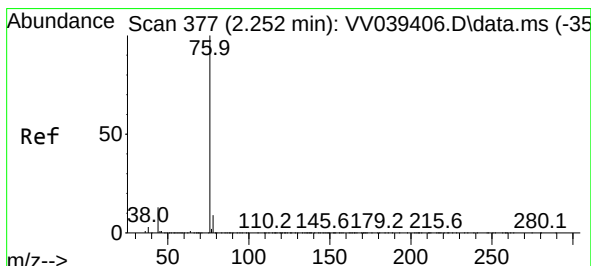
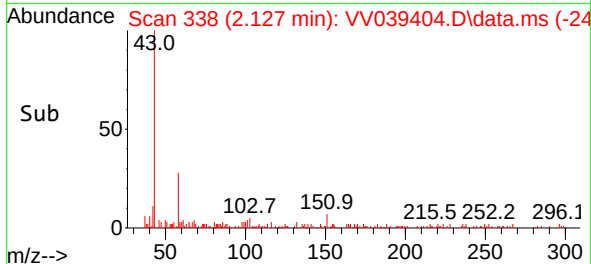
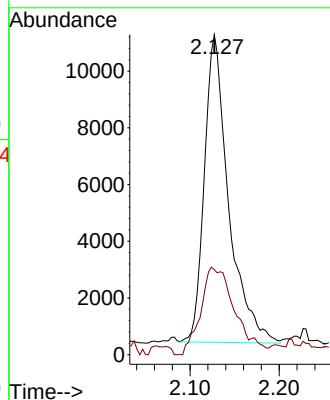
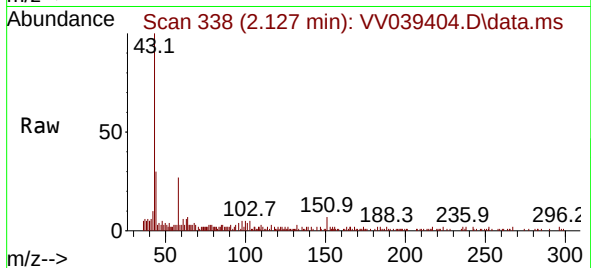




#13
Acetone
Concen: 5.755 ug/L
RT: 2.127 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

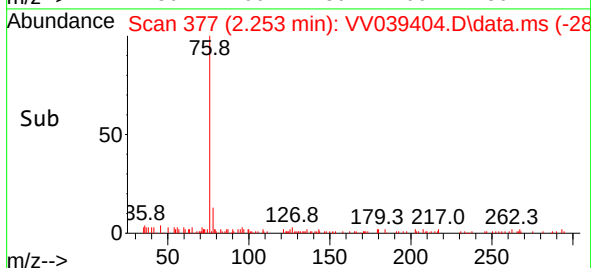
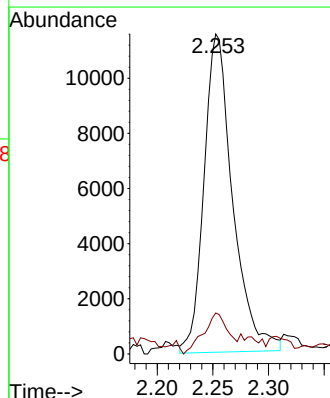
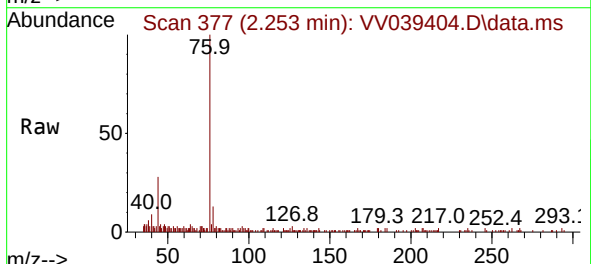
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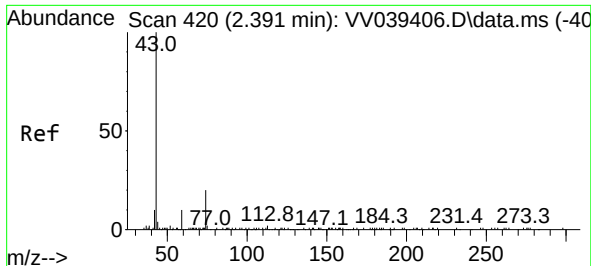
Tgt Ion: 43 Resp: 20504
Ion Ratio Lower Upper
43 100
58 40.1 0.0 60.0



#14
Carbon disulfide
Concen: 0.274 ug/L
RT: 2.253 min Scan# 377
Delta R.T. 0.000 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

Tgt Ion: 76 Resp: 20699
Ion Ratio Lower Upper
76 100
78 12.8 7.1 10.7#

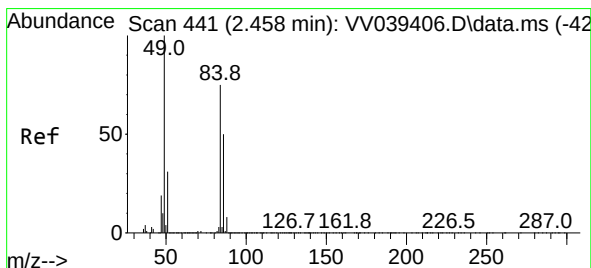
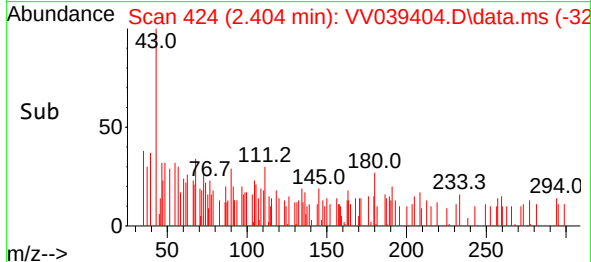
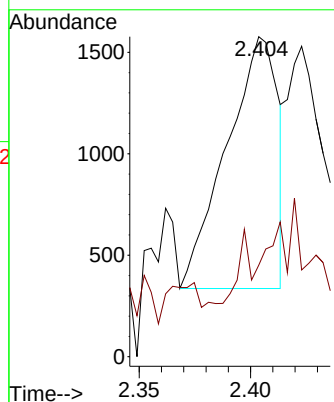
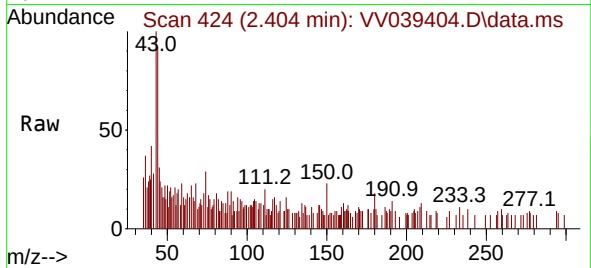




#15
Methyl Acetate
Concen: 0.218 ug/L
RT: 2.404 min Scan# 41
Delta R.T. 0.013 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

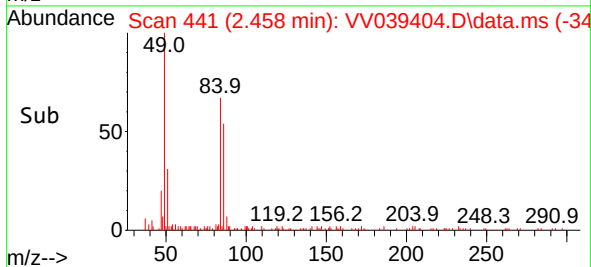
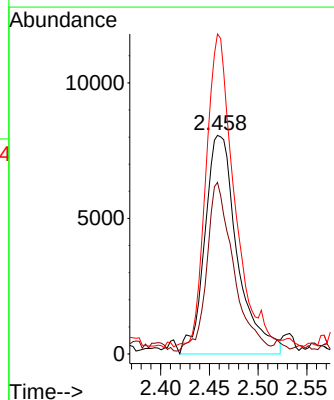
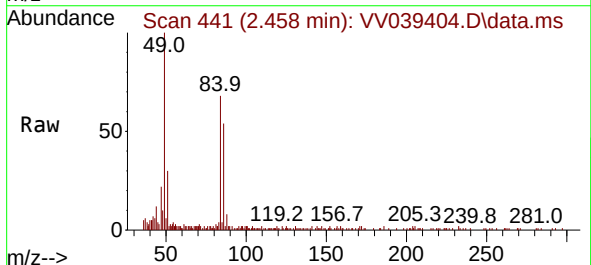
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5260

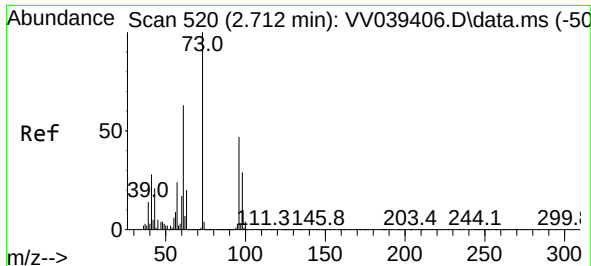
Tgt Ion: 43 Resp: 1978
Ion Ratio Lower Upper
43 100
74 6.3 14.5 21.7#



#16
Methylene chloride
Concen: 0.663 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.000 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

Tgt Ion: 84 Resp: 18683
Ion Ratio Lower Upper
84 100
86 78.5 46.8 87.0
49 146.4 93.0 172.8

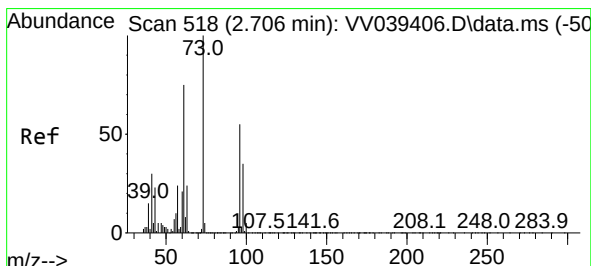
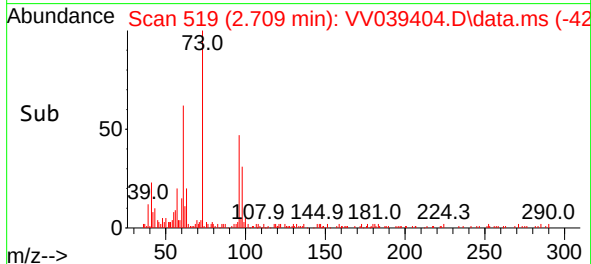
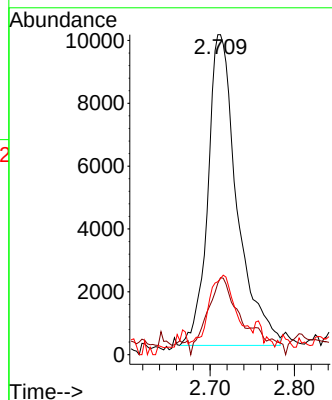
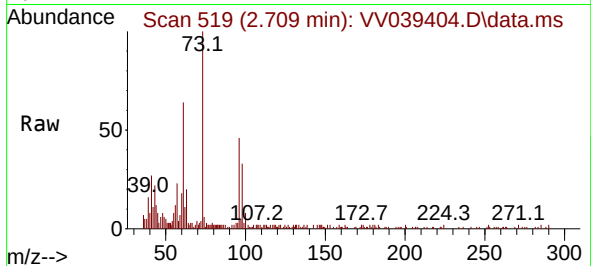




#17
Methyl tert-butyl Ether
Concen: 0.511 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

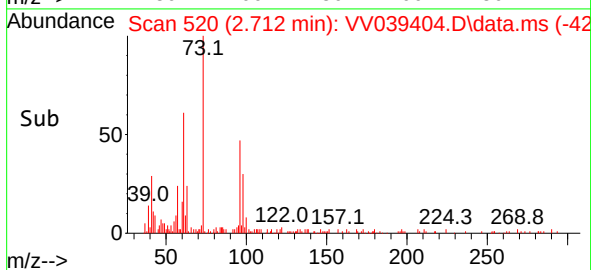
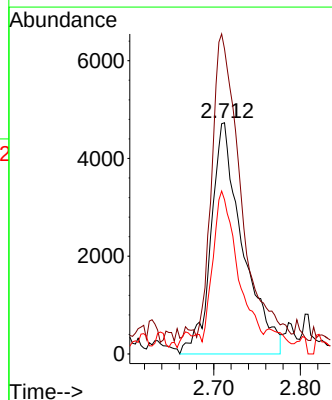
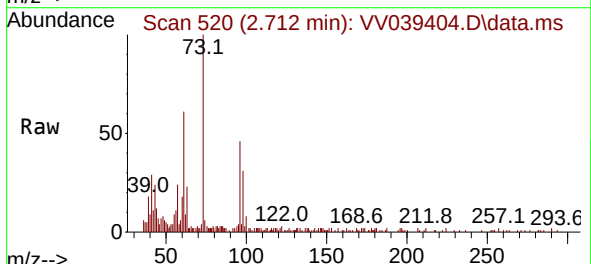
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5260

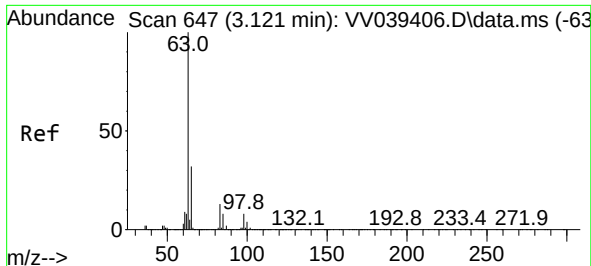
Tgt Ion: 73 Resp: 23759
Ion Ratio Lower Upper
73 100
43 24.5 17.4 26.2
57 21.6 18.8 28.2



#18
trans-1,2-Dichloroethene
Concen: 0.491 ug/L
RT: 2.712 min Scan# 520
Delta R.T. 0.007 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

Tgt Ion: 96 Resp: 11969
Ion Ratio Lower Upper
96 100
61 131.9 94.7 175.9
98 66.7 44.2 82.0





#19

1,1-Dichloroethane

Concen: 0.568 ug/L

RT: 3.124 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV039404.D

Acq: 19 Nov 2025 09:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5260

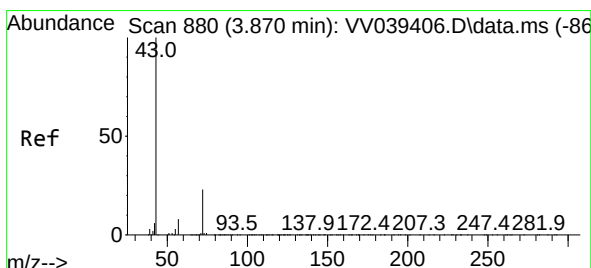
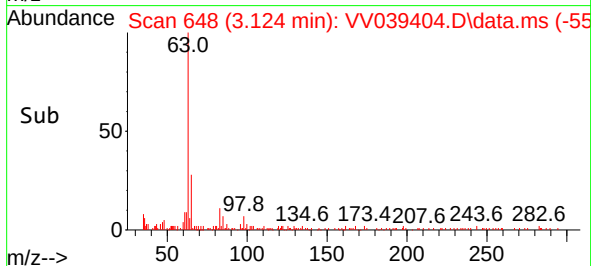
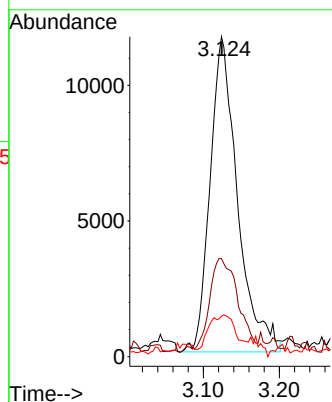
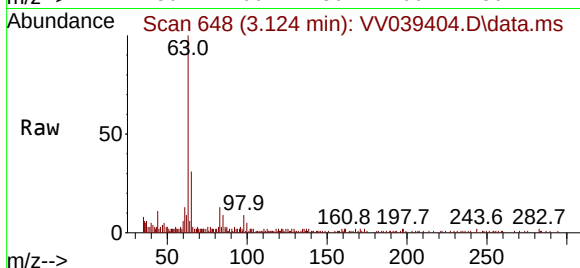
Tgt Ion: 63 Resp: 29039

Ion Ratio Lower Upper

63 100

65 30.7 22.9 42.5

83 12.6 9.2 17.2



#21

2-Butanone

Concen: 0.060 ug/L

RT: 3.886 min Scan# 885

Delta R.T. 0.016 min

Lab File: VV039404.D

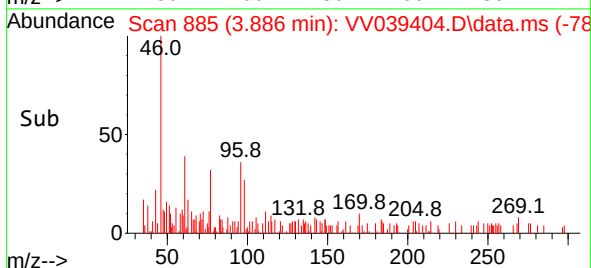
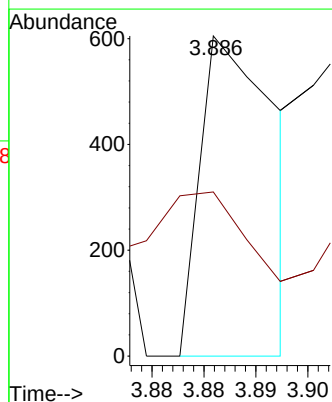
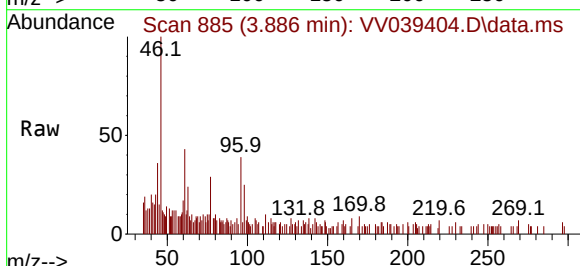
Acq: 19 Nov 2025 09:53

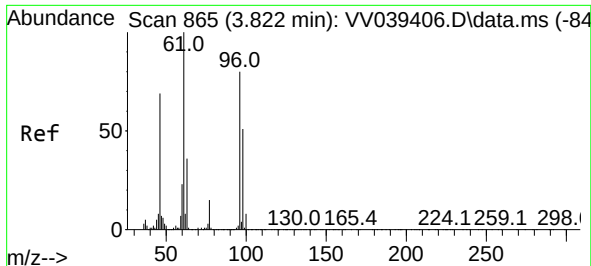
Tgt Ion: 43 Resp: 308

Ion Ratio Lower Upper

43 100

72 30.5 11.7 35.0

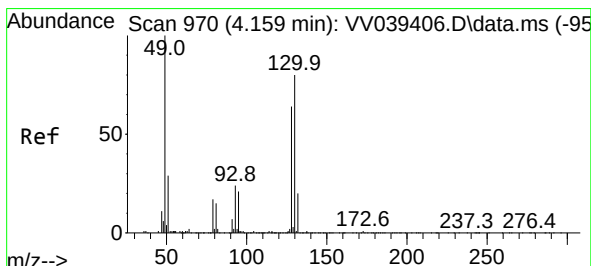
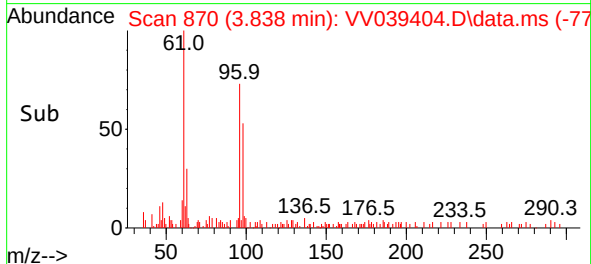
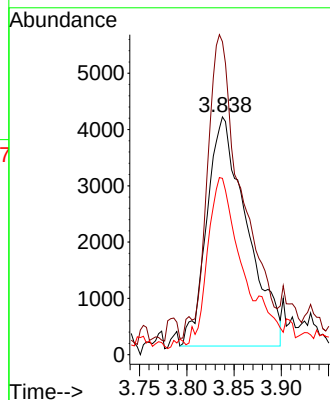
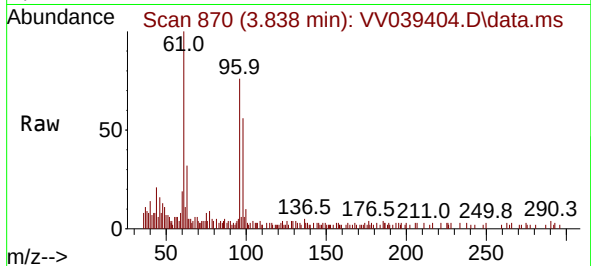




#22
 cis-1,2-Dichloroethene
 Concen: 0.472 ug/L
 RT: 3.838 min Scan# 81
 Delta R.T. 0.016 min
 Lab File: VV039404.D
 Acq: 19 Nov 2025 09:53

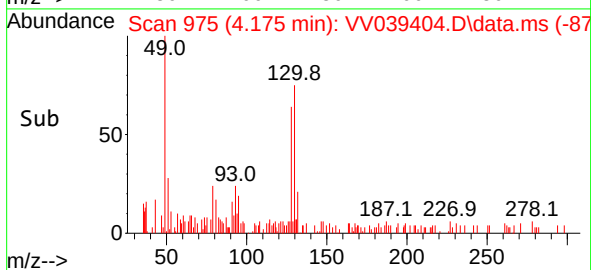
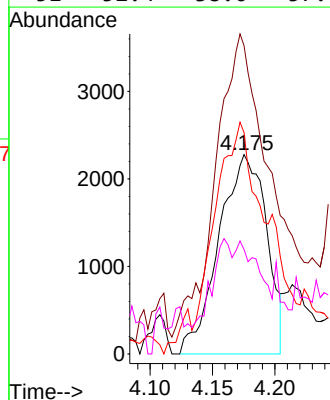
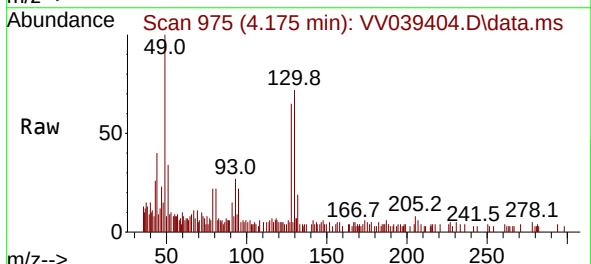
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5260

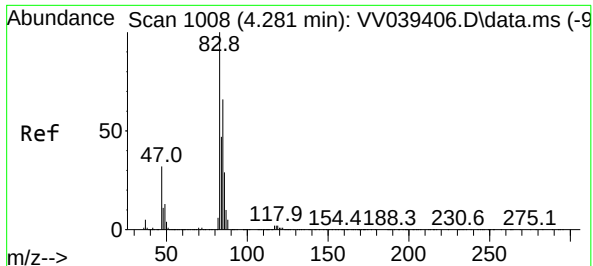
Tgt Ion: 96 Resp: 12003
 Ion Ratio Lower Upper
 96 100
 61 131.7 87.1 161.7
 98 74.2 44.7 83.1



#23
 Bromochloromethane
 Concen: 0.525 ug/L
 RT: 4.175 min Scan# 975
 Delta R.T. 0.016 min
 Lab File: VV039404.D
 Acq: 19 Nov 2025 09:53

Tgt Ion: 128 Resp: 6038
 Ion Ratio Lower Upper
 128 100
 49 154.7 110.7 205.5
 130 111.1 88.2 163.8
 51 52.4 38.0 57.0





#25

Chloroform

Concen: 0.605 ug/L

RT: 4.285 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039404.D

Acq: 19 Nov 2025 09:53

Instrument :

MSVOA_V

ClientSampleId :

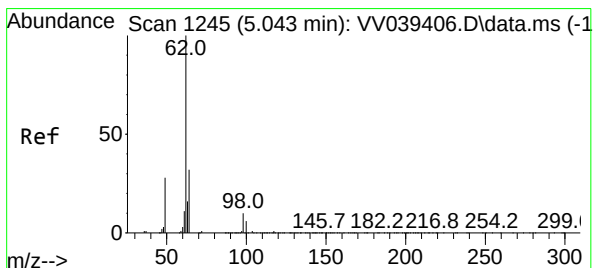
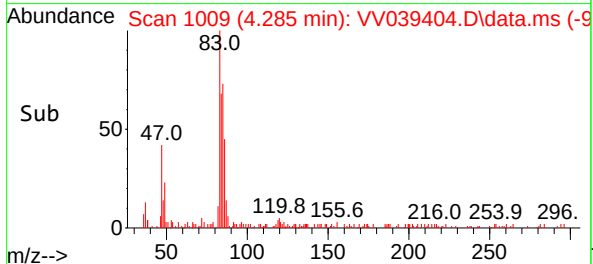
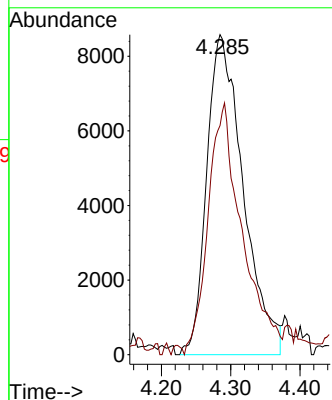
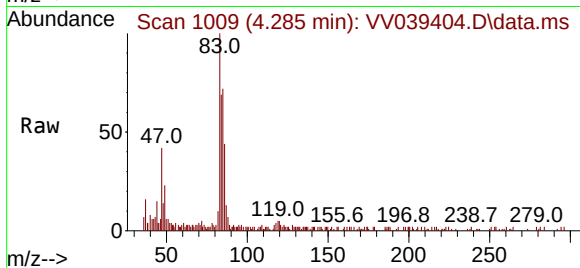
VSTD0.5260

Tgt Ion: 83 Resp: 31409

Ion Ratio Lower Upper

83 100

85 71.6 46.2 85.8



#27

1,2-Dichloroethane

Concen: 0.580 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. 0.016 min

Lab File: VV039404.D

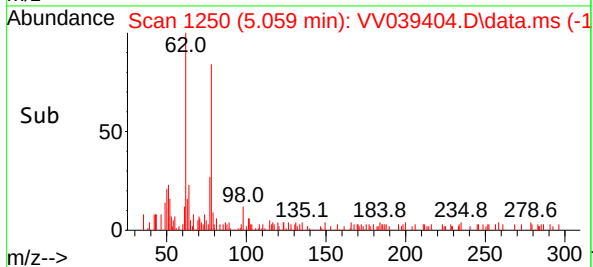
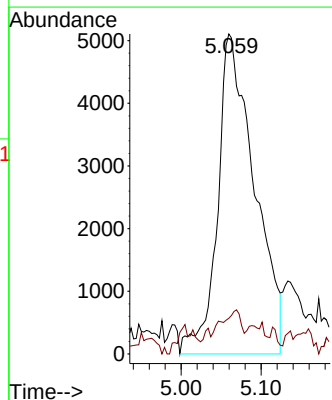
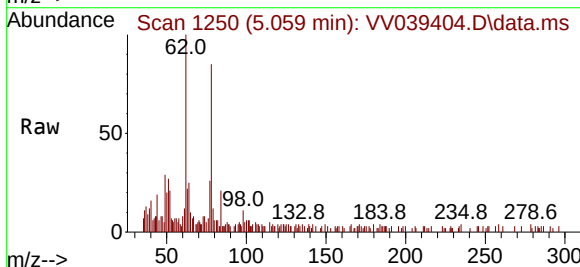
Acq: 19 Nov 2025 09:53

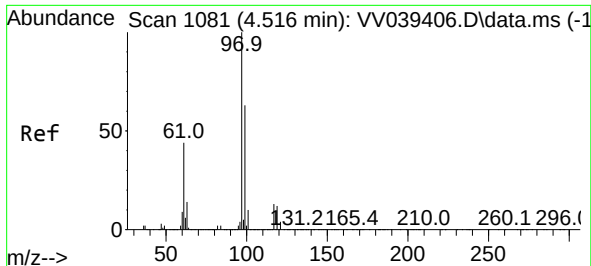
Tgt Ion: 62 Resp: 16301

Ion Ratio Lower Upper

62 100

98 11.2 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 0.601 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.000 min

Lab File: VV039404.D

Acq: 19 Nov 2025 09:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5260

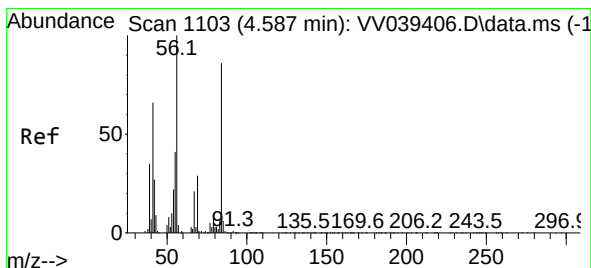
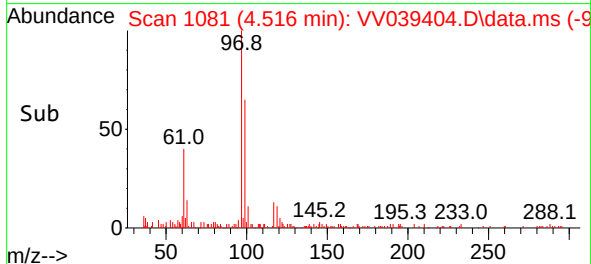
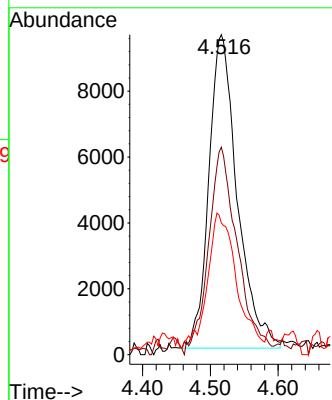
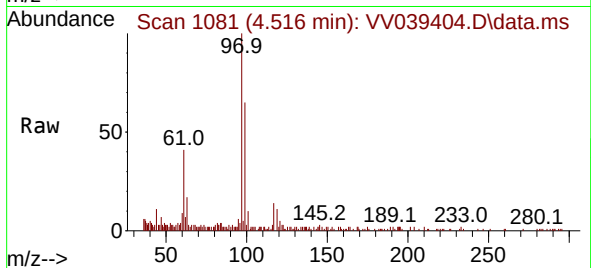
Tgt Ion: 97 Resp: 27721

Ion Ratio Lower Upper

97 100

99 68.0 51.1 76.7

61 43.7 36.6 55.0



#30

Cyclohexane

Concen: 0.015 ug/L

RT: 4.359 min Scan# 1032

Delta R.T. -0.228 min

Lab File: VV039404.D

Acq: 19 Nov 2025 09:53

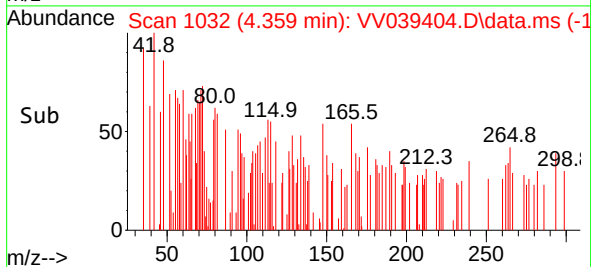
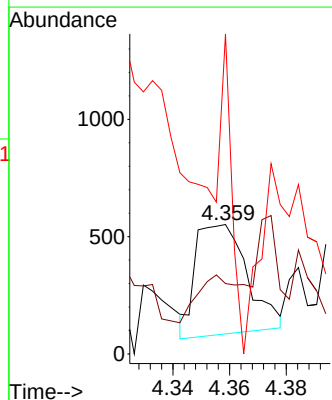
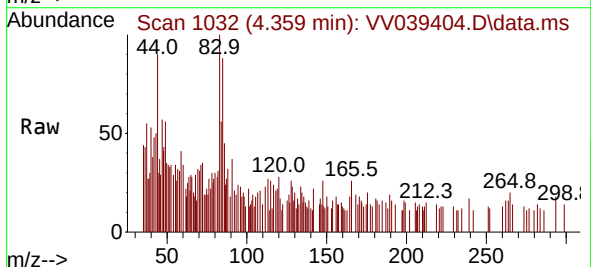
Tgt Ion: 56 Resp: 595

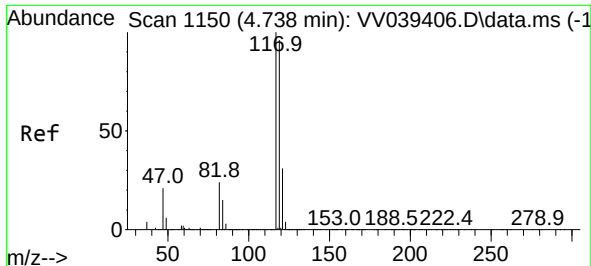
Ion Ratio Lower Upper

56 100

69 29.4 23.7 35.5

84 79.3 72.6 109.0

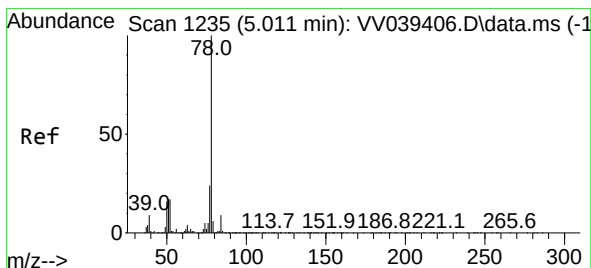
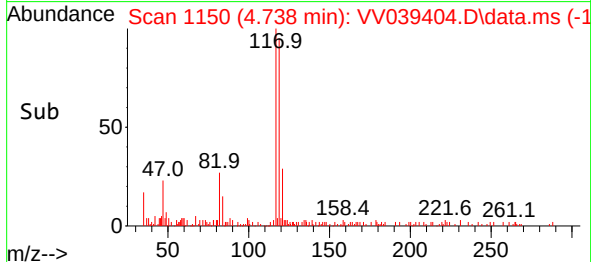
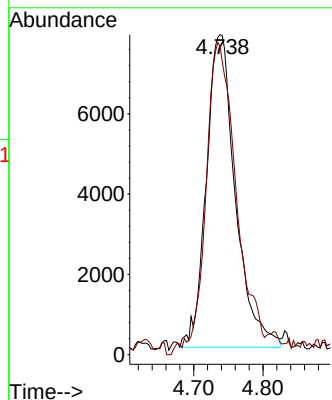
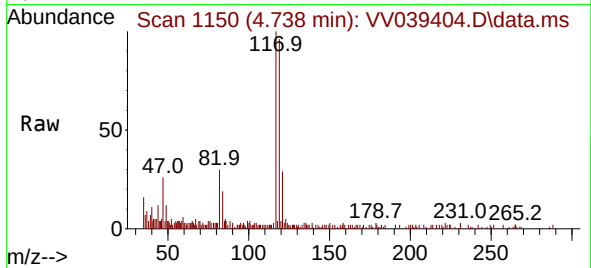




#31
Carbon tetrachloride
Concen: 0.558 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

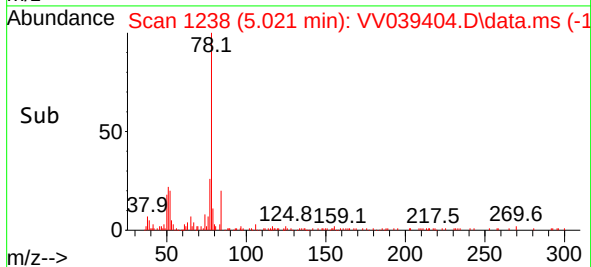
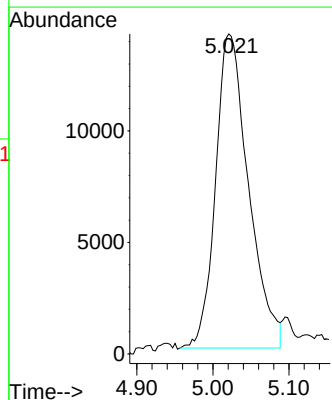
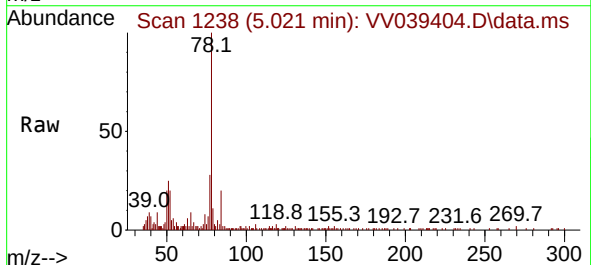
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5260

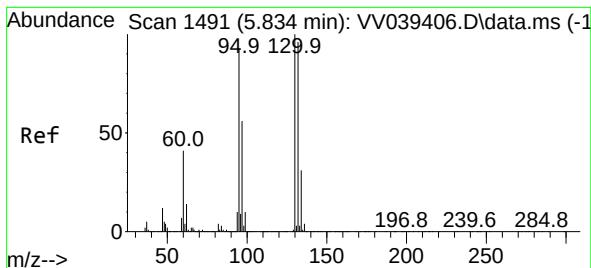
Tgt Ion:117 Resp: 22802
Ion Ratio Lower Upper
117 100
119 97.9 75.4 113.2



#33
Benzene
Concen: 0.404 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.010 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

Tgt Ion: 78 Resp: 42447





#34

Trichloroethene

Concen: 0.484 ug/L

RT: 5.847 min Scan# 1491

Delta R.T. 0.013 min

Lab File: VV039404.D

Acq: 19 Nov 2025 09:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5260

Tgt Ion: 95 Resp: 12980

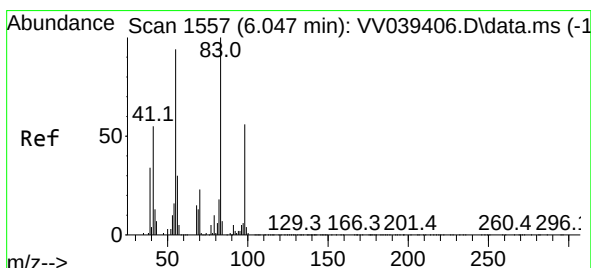
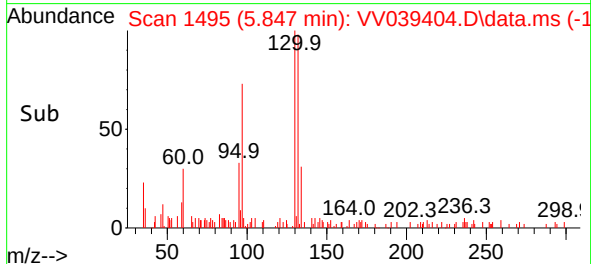
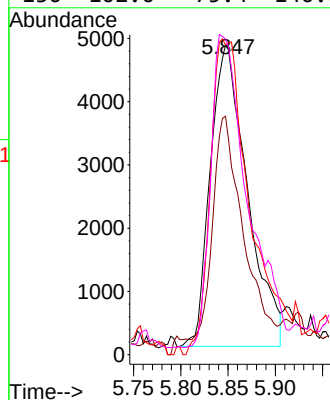
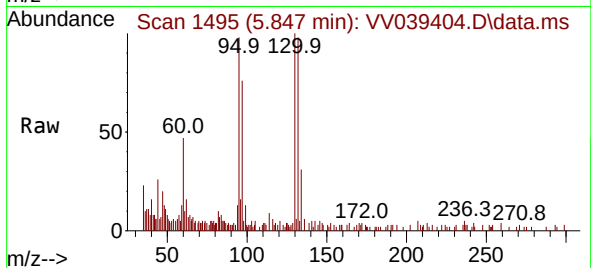
Ion Ratio Lower Upper

95 100

97 77.0 42.7 79.3

132 100.0 72.0 133.6

130 102.0 75.4 140.0



#35

Methylcyclohexane

Concen: 0.329 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV039404.D

Acq: 19 Nov 2025 09:53

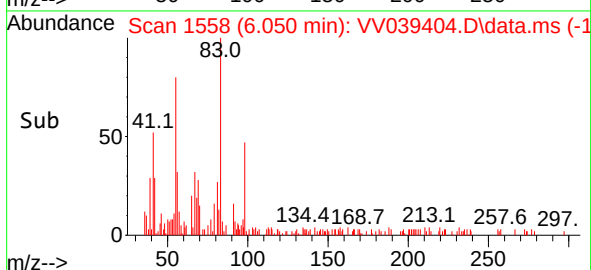
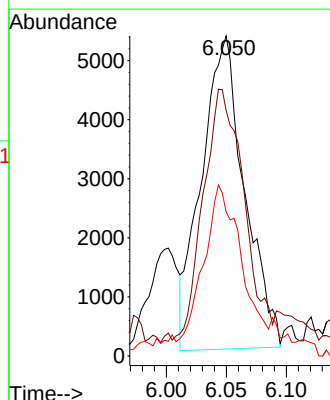
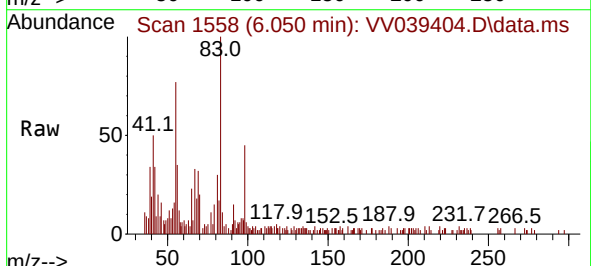
Tgt Ion: 83 Resp: 13253

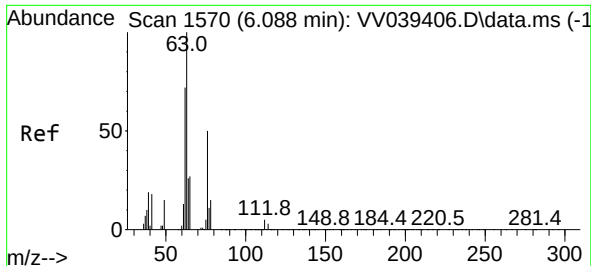
Ion Ratio Lower Upper

83 100

55 74.6 64.0 96.0

98 41.6 37.0 55.4

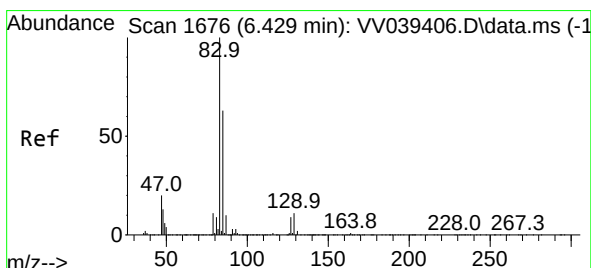
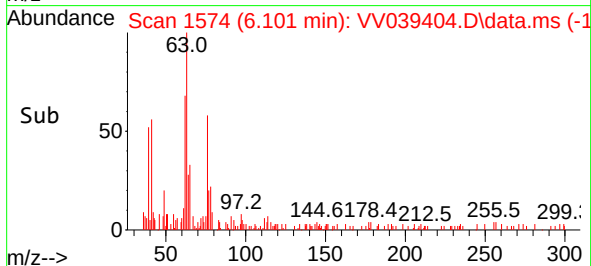
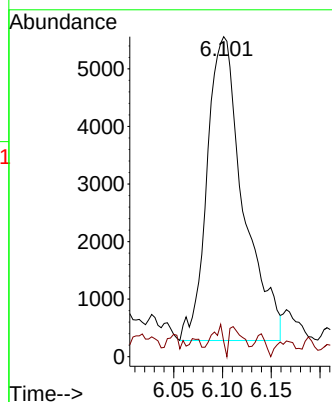
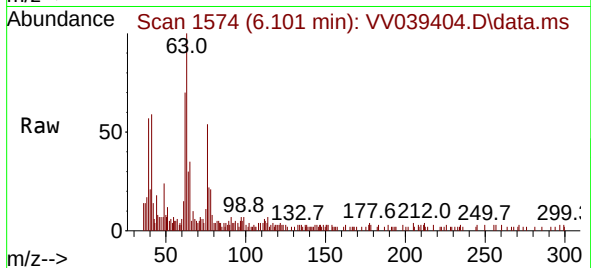




#37
1,2-Dichloropropane
Concen: 0.483 ug/L
RT: 6.101 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

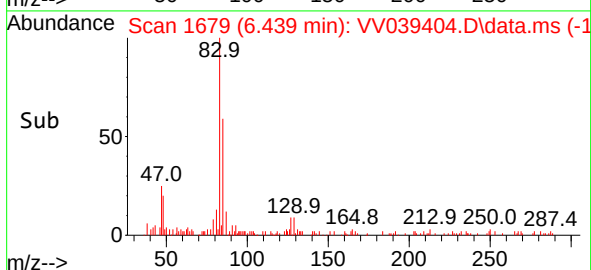
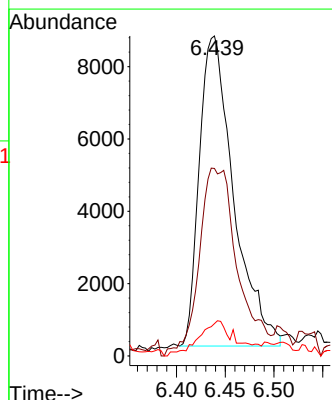
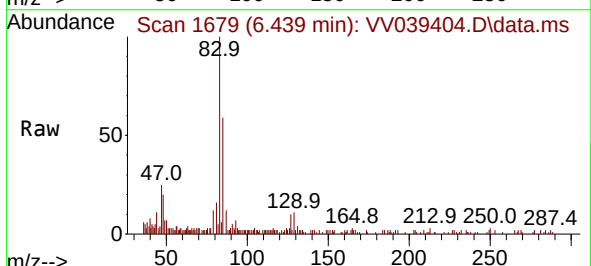
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5260

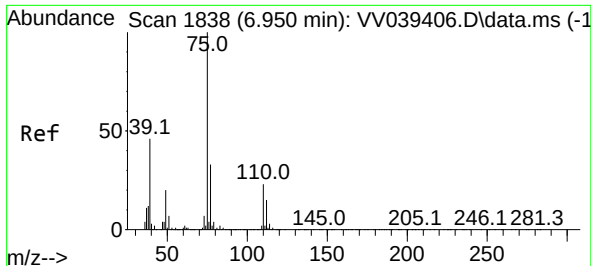
Tgt Ion: 63 Resp: 13617
Ion Ratio Lower Upper
63 100
112 3.4 4.4 6.6#



#38
Bromodichloromethane
Concen: 0.560 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.010 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

Tgt Ion: 83 Resp: 21016
Ion Ratio Lower Upper
83 100
85 58.6 43.8 81.4
127 12.2 7.3 10.9#

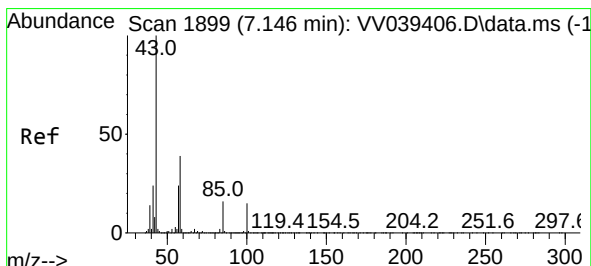
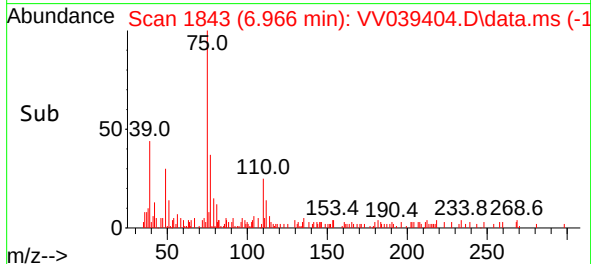
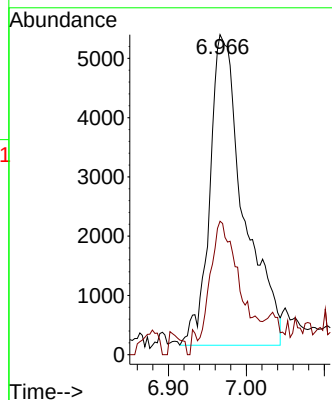
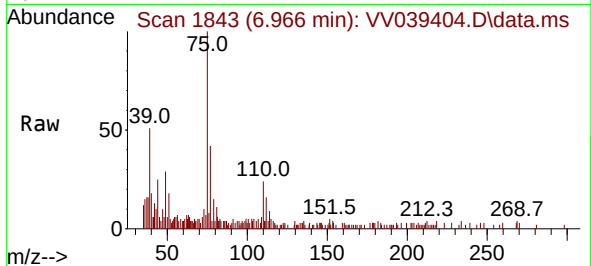




#39
 cis-1,3-Dichloropropene
 Concen: 0.429 ug/L
 RT: 6.966 min Scan# 11
 Delta R.T. 0.016 min
 Lab File: VV039404.D
 Acq: 19 Nov 2025 09:53

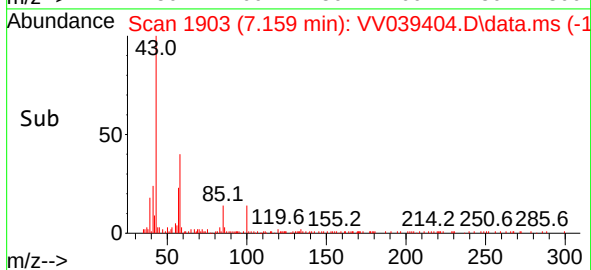
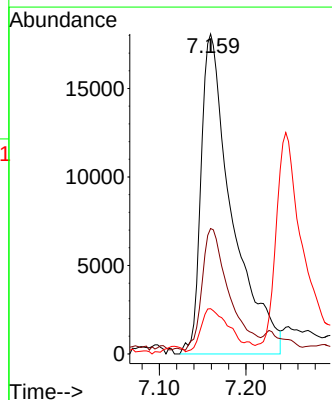
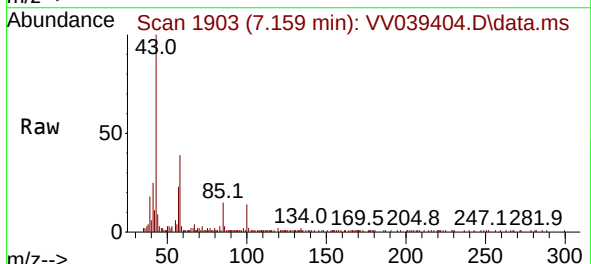
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5260

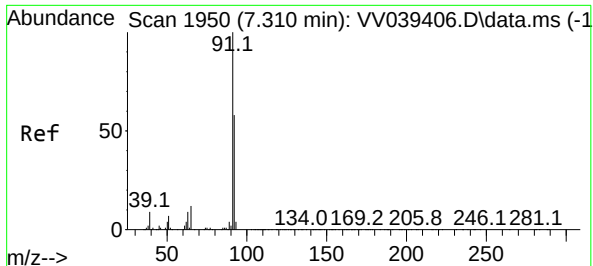
Tgt Ion: 75 Resp: 15877
 Ion Ratio Lower Upper
 75 100
 77 41.7 23.2 43.0



#40
 4-Methyl-2-pentanone
 Concen: 3.498 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.013 min
 Lab File: VV039404.D
 Acq: 19 Nov 2025 09:53

Tgt Ion: 43 Resp: 44807
 Ion Ratio Lower Upper
 43 100
 58 33.1 29.6 44.4
 100 13.1 11.4 17.0





#42

Toluene

Concen: 0.396 ug/L

RT: 7.320 min Scan# 1950

Delta R.T. 0.010 min

Lab File: VV039404.D

Acq: 19 Nov 2025 09:53

Instrument :

MSVOA_V

ClientSampleId :

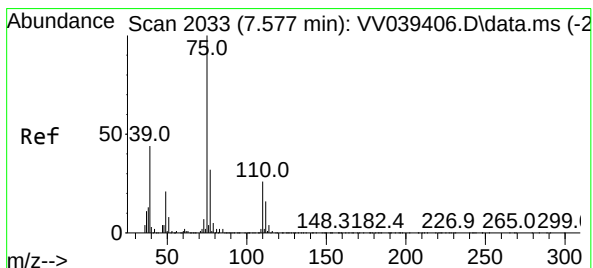
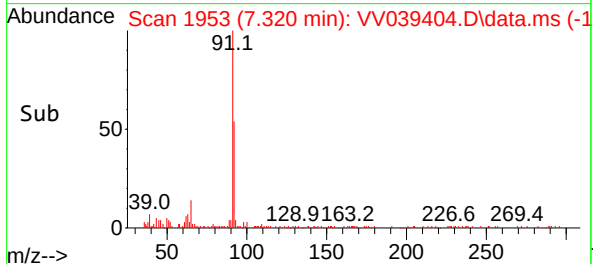
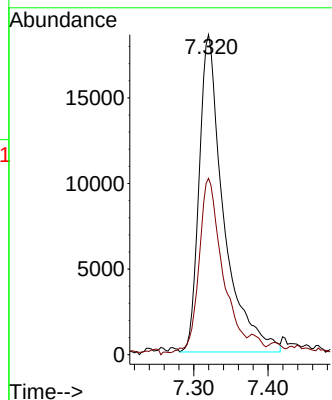
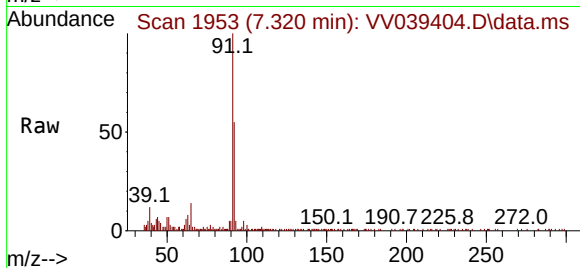
VSTD0.5260

Tgt Ion: 91 Resp: 42422

Ion Ratio Lower Upper

91 100

92 55.1 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 0.401 ug/L

RT: 7.596 min Scan# 2039

Delta R.T. 0.019 min

Lab File: VV039404.D

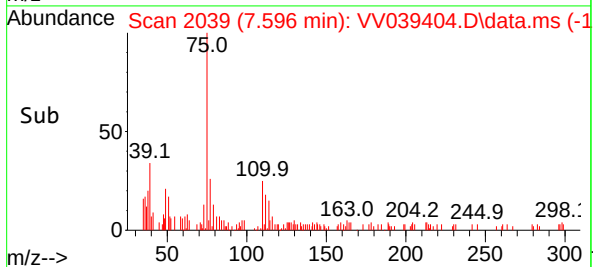
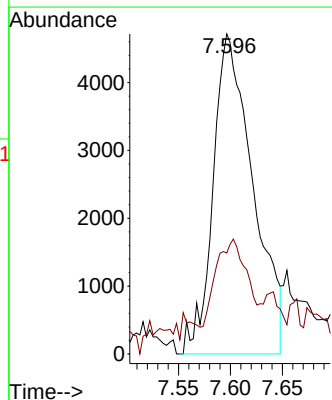
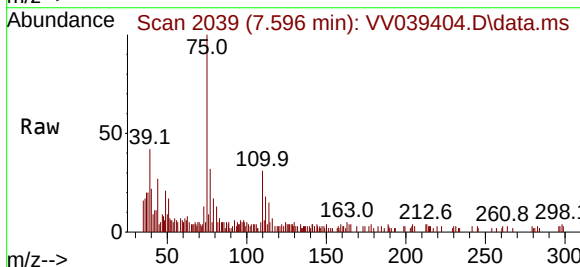
Acq: 19 Nov 2025 09:53

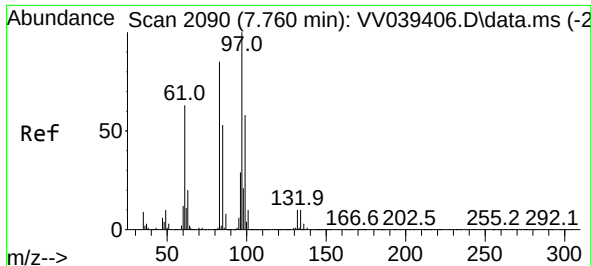
Tgt Ion: 75 Resp: 12568

Ion Ratio Lower Upper

75 100

77 31.6 22.9 42.5

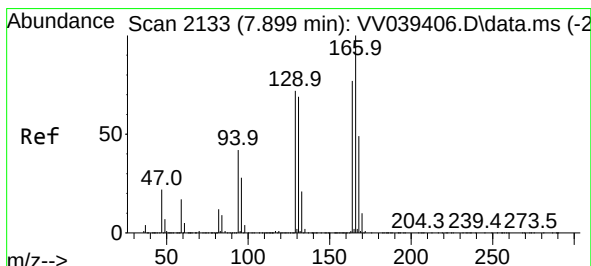
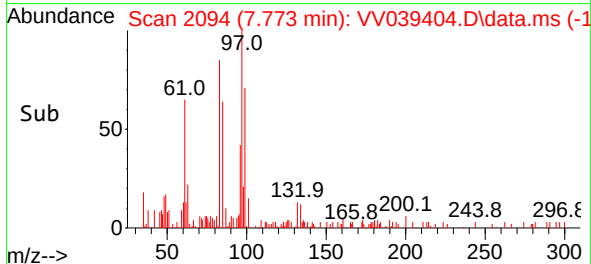
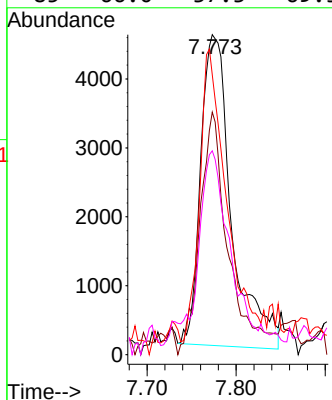
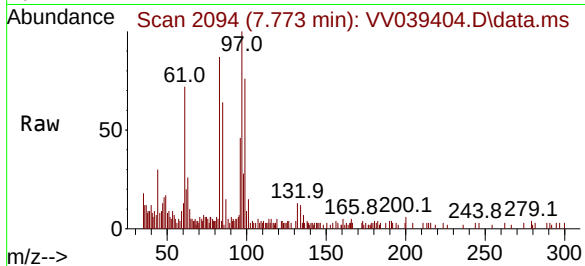




#45
1,1,2-Trichloroethane
Concen: 0.537 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.013 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

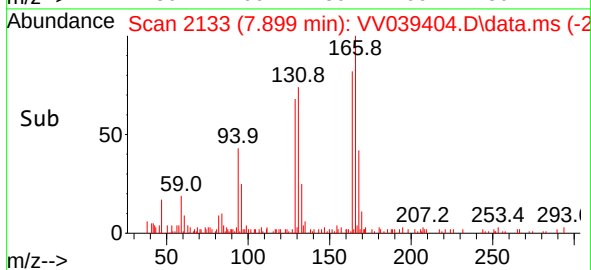
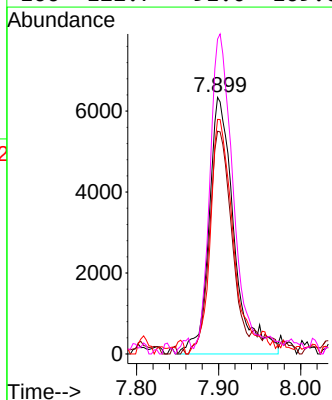
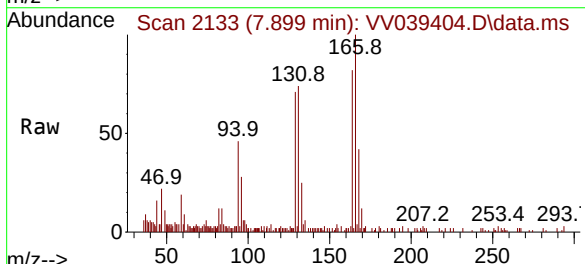
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5260

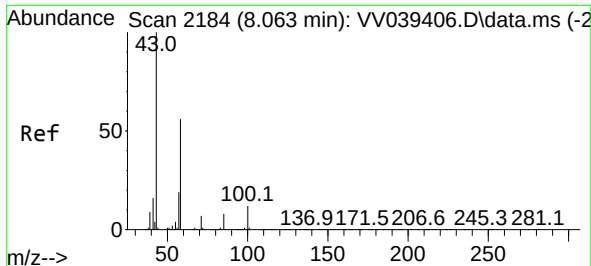
Tgt Ion: 97	Resp: 10869
Ion Ratio	Lower Upper
97 100	
99 75.8	40.8 75.8
83 87.5	59.8 111.1
85 66.0	37.3 69.3



#47
Tetrachloroethene
Concen: 0.627 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

Tgt	Ion:164	Resp:	13432
Ion	Ratio	Lower	Upper
164	100		
129	86.8	65.8	122.2
131	91.4	62.6	116.2
166	122.7	91.0	169.0



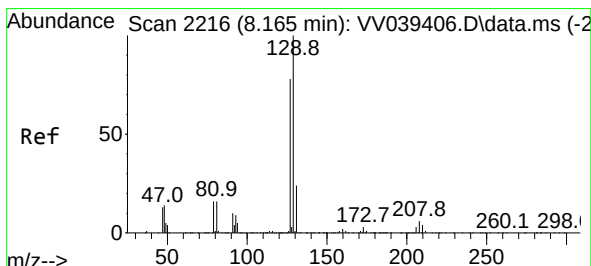
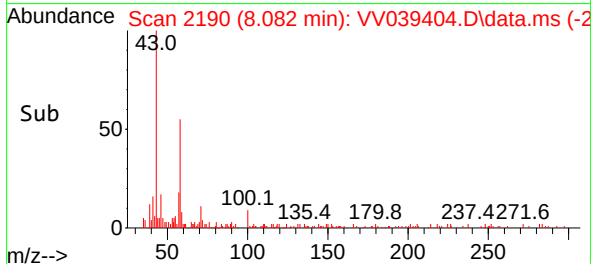
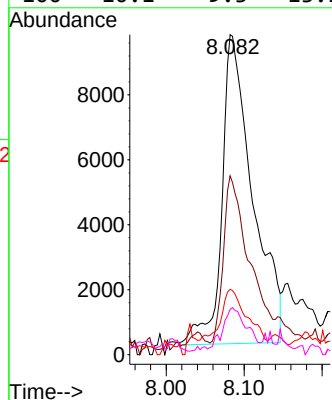
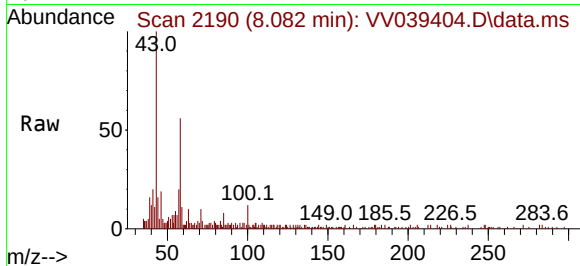


#48
2-Hexanone
Concen: 2.986 ug/L
RT: 8.082 min Scan# 2184
Delta R.T. 0.019 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5260

Tgt Ion: 43 Resp: 26107

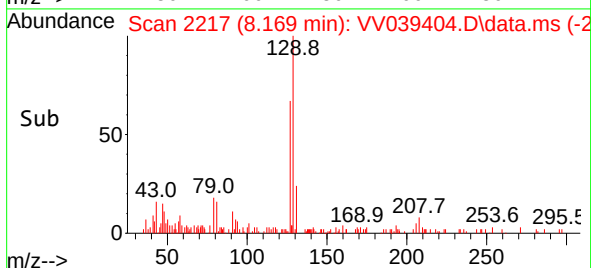
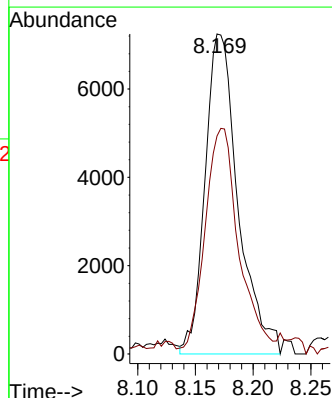
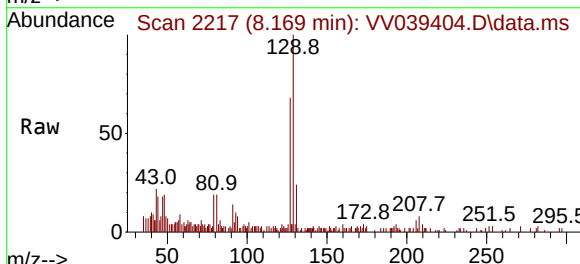
Ion	Ratio	Lower	Upper
43	100		
58	45.2	43.4	65.2
57	20.2	15.0	22.6
100	10.1	9.3	13.9

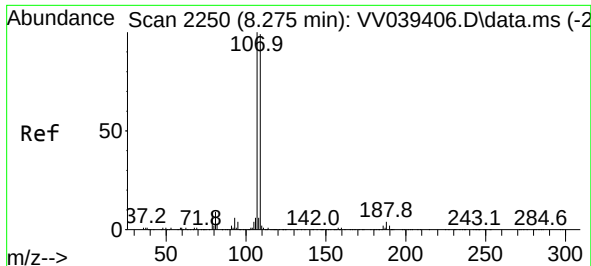


#49
Dibromochloromethane
Concen: 0.629 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

Tgt Ion: 129 Resp: 14420

Ion	Ratio	Lower	Upper
129	100		
127	68.1	54.6	101.4

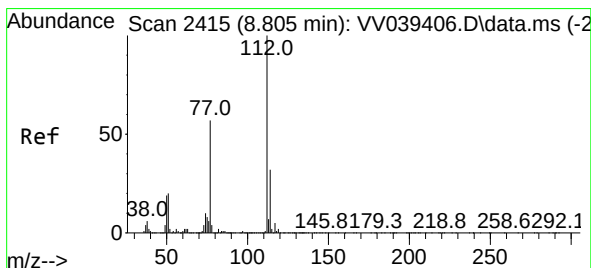
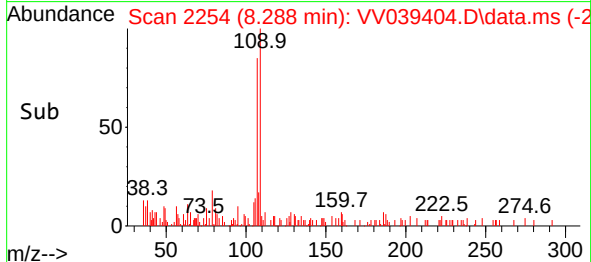
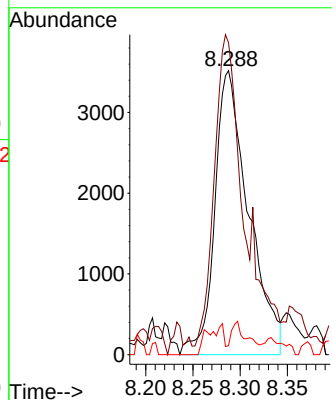
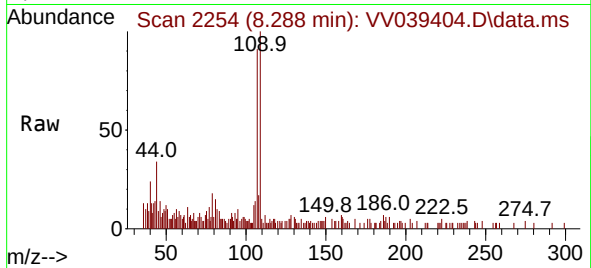




#50
1,2-Dibromoethane
Concen: 0.499 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

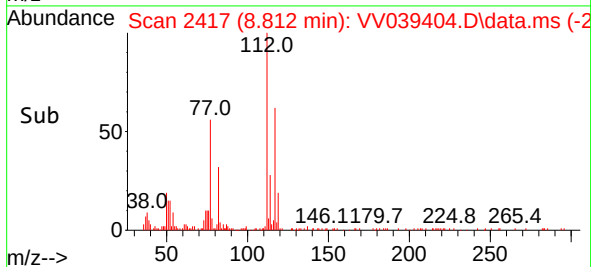
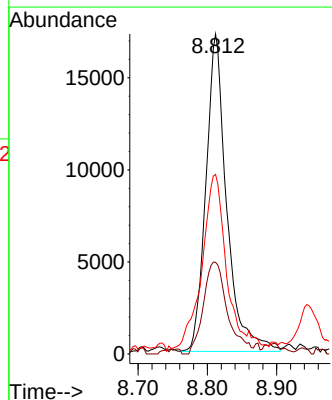
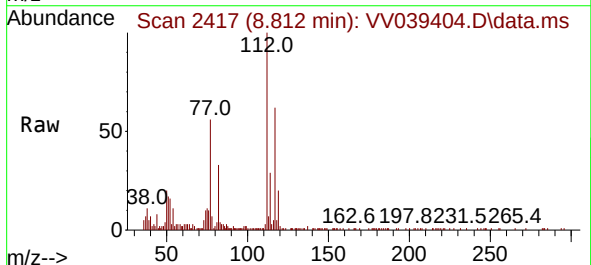
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5260

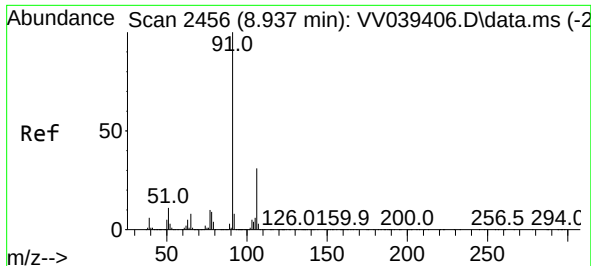
Tgt Ion:107 Resp: 8749
Ion Ratio Lower Upper
107 100
109 109.8 69.1 128.3
188 3.2 3.6 5.4#



#51
Chlorobenzene
Concen: 0.504 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

Tgt Ion:112 Resp: 35846
Ion Ratio Lower Upper
112 100
114 28.7 22.3 41.3
77 56.1 45.3 67.9

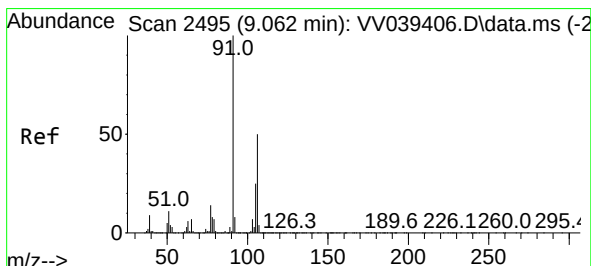
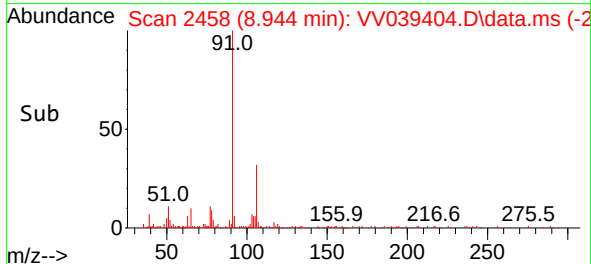
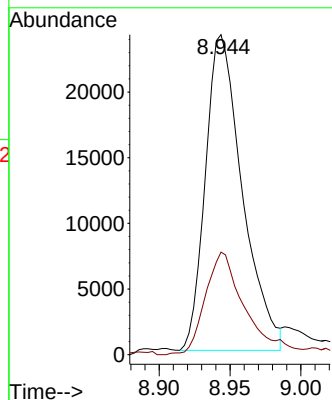
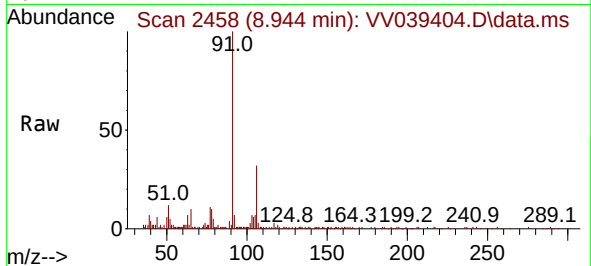




#52
Ethylbenzene
Concen: 0.393 ug/L
RT: 8.944 min Scan# 2456
Delta R.T. 0.007 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

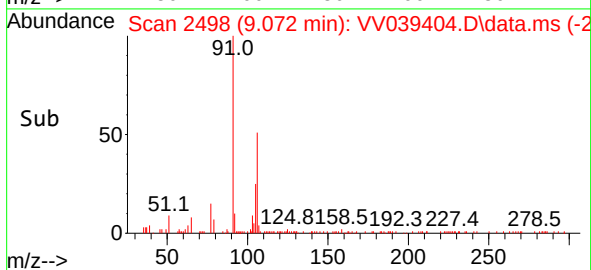
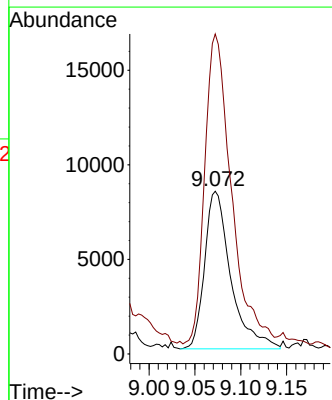
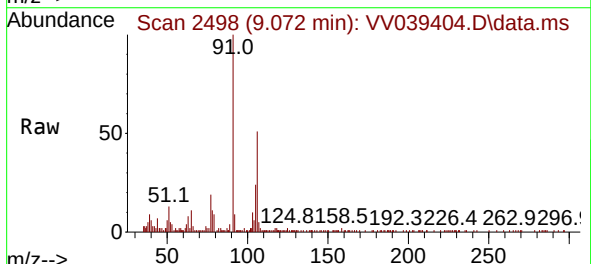
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5260

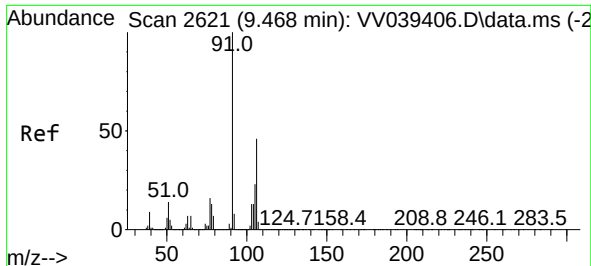
Tgt Ion: 91 Resp: 43581
Ion Ratio Lower Upper
91 100
106 32.0 21.3 39.6



#53
m,p-Xylene
Concen: 0.394 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.010 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

Tgt Ion: 106 Resp: 16564
Ion Ratio Lower Upper
106 100
91 196.7 139.6 259.2

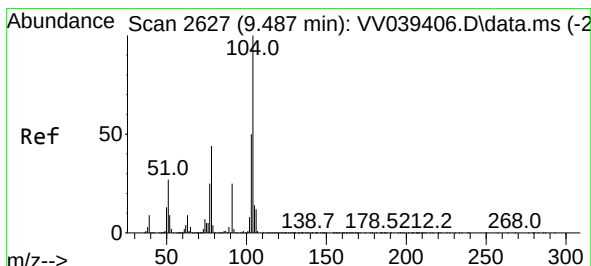
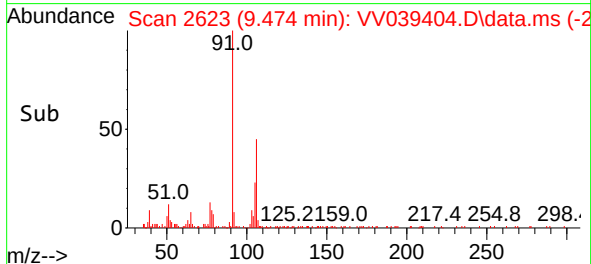
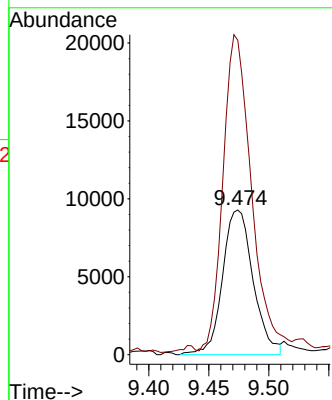
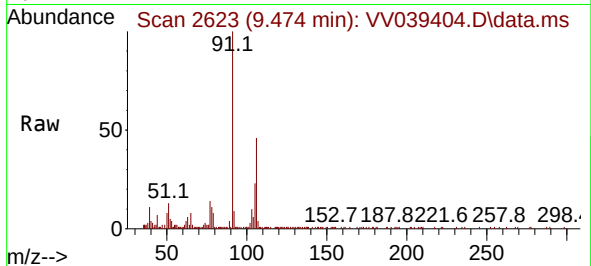




#54
o-Xylene
Concen: 0.414 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.007 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

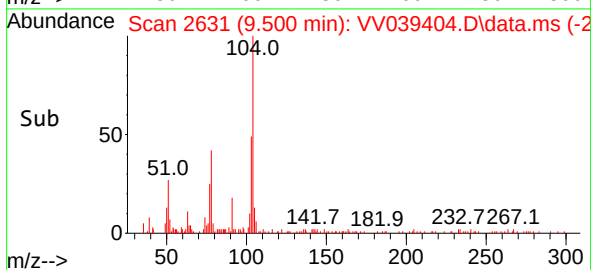
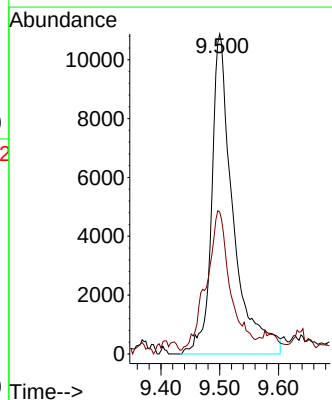
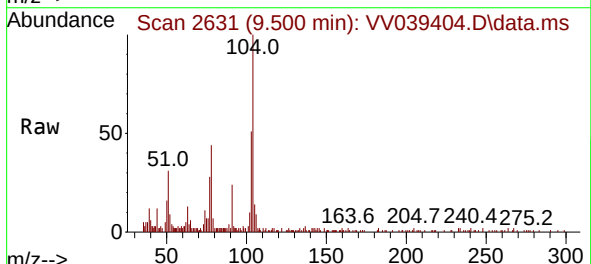
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5260

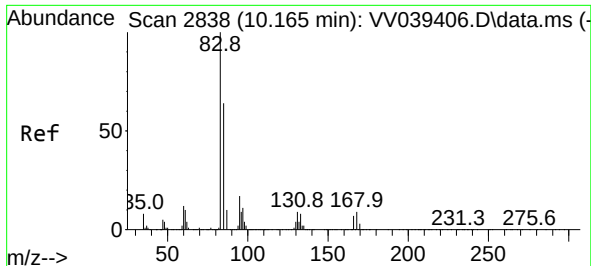
Tgt Ion:106 Resp: 16490
Ion Ratio Lower Upper
106 100
91 217.3 152.5 283.1



#55
Styrene
Concen: 0.401 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.013 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

Tgt Ion:104 Resp: 27536
Ion Ratio Lower Upper
104 100
78 44.4 30.6 56.8





#57

1,1,2-Tetrachloroethane

Concen: 0.623 ug/L

RT: 10.172 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV039404.D

Acq: 19 Nov 2025 09:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5260

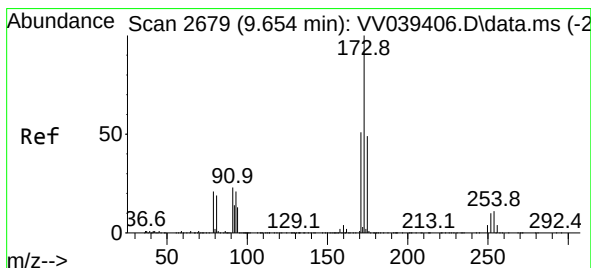
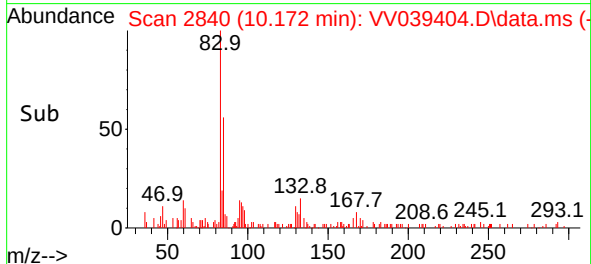
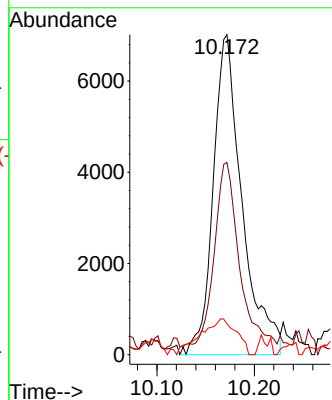
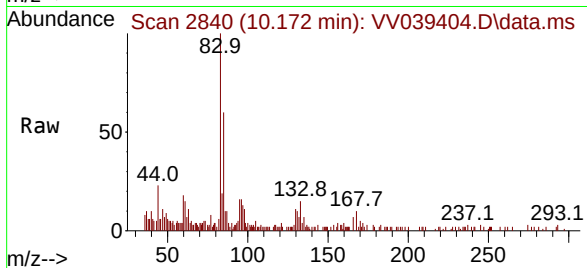
Tgt Ion: 83 Resp: 14449

Ion Ratio Lower Upper

83 100

85 60.0 45.3 84.1

131 9.7 7.8 11.8



#59

Bromoform

Concen: 0.663 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.010 min

Lab File: VV039404.D

Acq: 19 Nov 2025 09:53

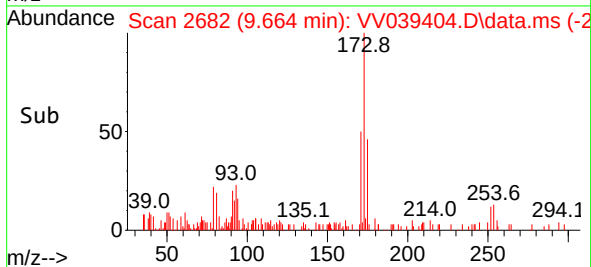
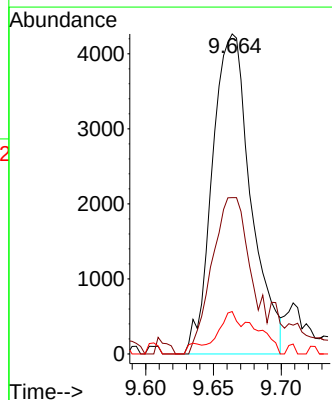
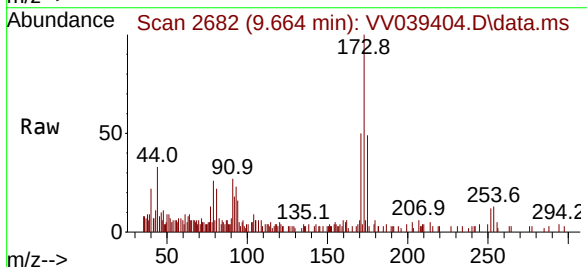
Tgt Ion: 173 Resp: 8425

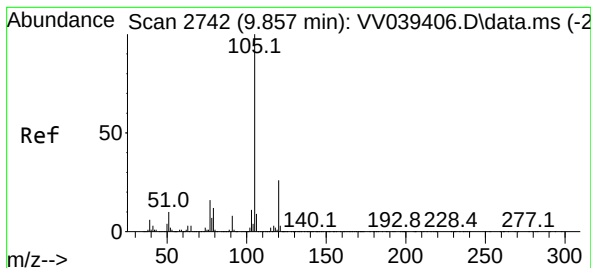
Ion Ratio Lower Upper

173 100

175 48.9 40.2 60.4

254 4.7 9.1 13.7#





#60

Isopropylbenzene

Concen: 0.395 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV039404.D

Acq: 19 Nov 2025 09:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5260

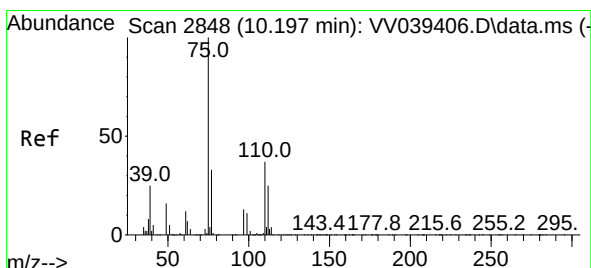
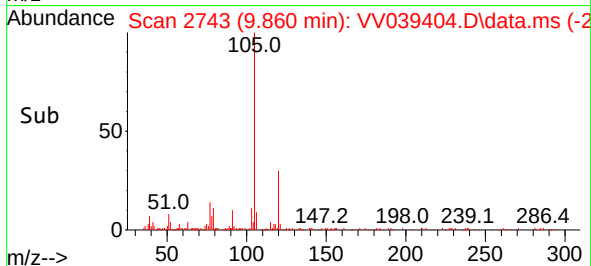
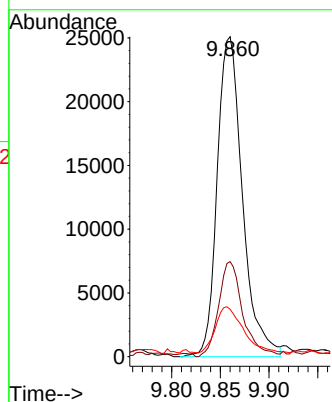
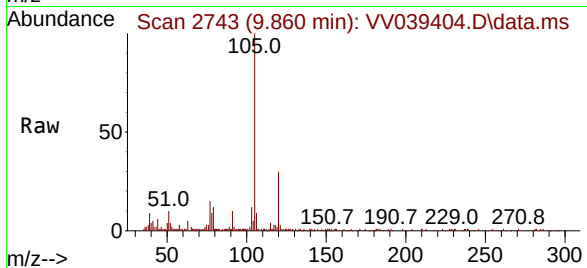
Tgt Ion:105 Resp: 45241

Ion Ratio Lower Upper

105 100

120 28.4 21.4 32.2

77 15.8 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 0.496 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.006 min

Lab File: VV039404.D

Acq: 19 Nov 2025 09:53

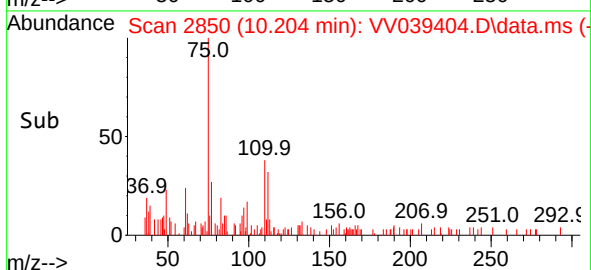
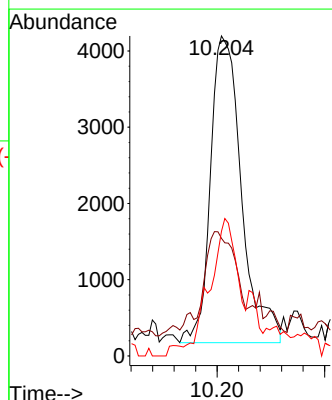
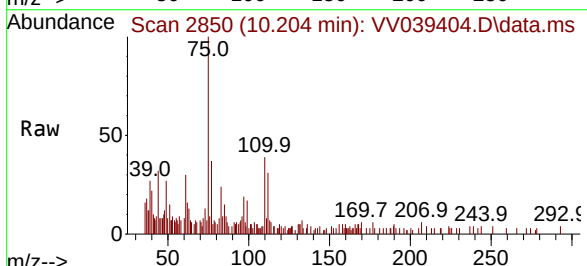
Tgt Ion: 75 Resp: 8079

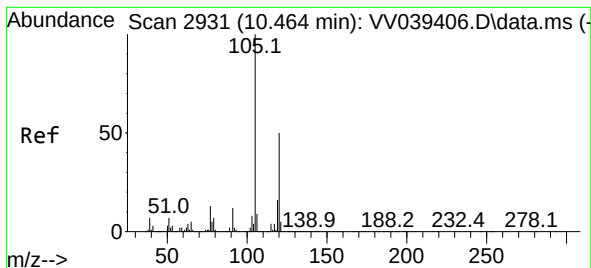
Ion Ratio Lower Upper

75 100

77 25.9 25.2 37.8

110 38.3 30.8 46.2





#62

1,3,5-Trimethylbenzene

Concen: 0.393 ug/L

RT: 10.468 min Scan# 2931

Delta R.T. 0.003 min

Lab File: VV039404.D

Acq: 19 Nov 2025 09:53

Instrument :

MSVOA_V

ClientSampleId :

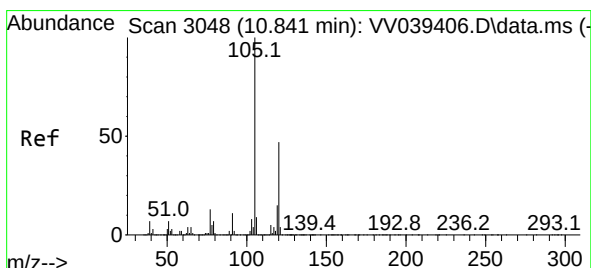
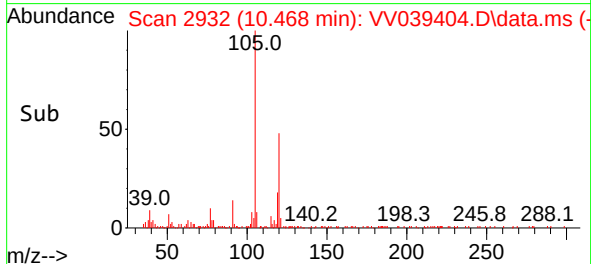
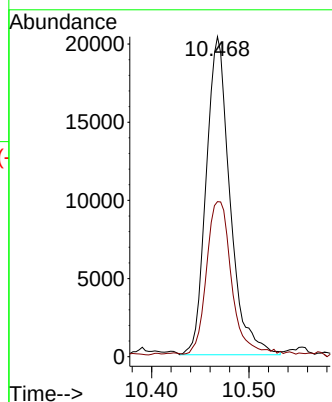
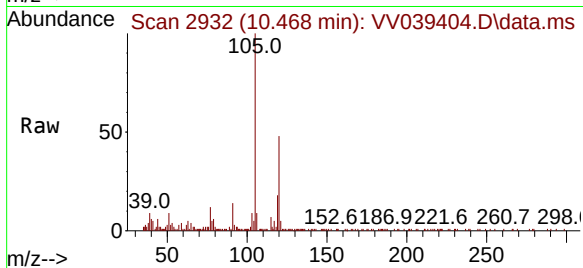
VSTD0.5260

Tgt Ion:105 Resp: 34556

Ion Ratio Lower Upper

105 100

120 50.1 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.376 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VV039404.D

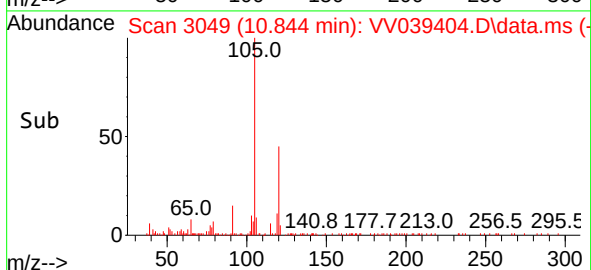
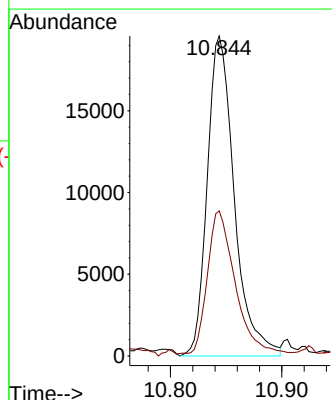
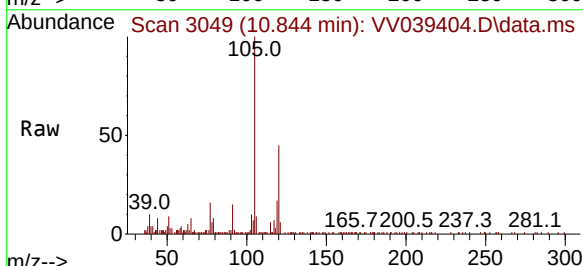
Acq: 19 Nov 2025 09:53

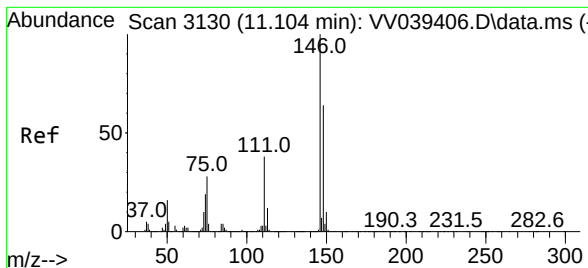
Tgt Ion:105 Resp: 33063

Ion Ratio Lower Upper

105 100

120 45.0 36.8 55.2





#64

1,3-Dichlorobenzene

Concen: 0.477 ug/L

RT: 11.114 min Scan# 3110

Delta R.T. 0.010 min

Lab File: VV039404.D

Acq: 19 Nov 2025 09:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5260

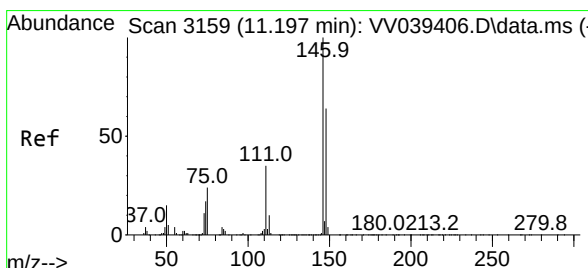
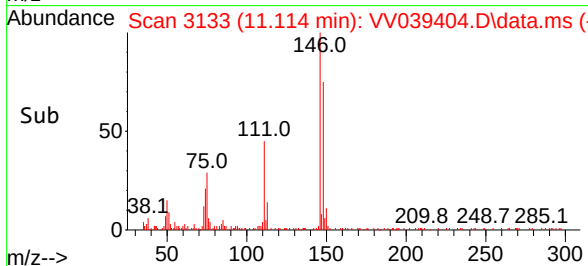
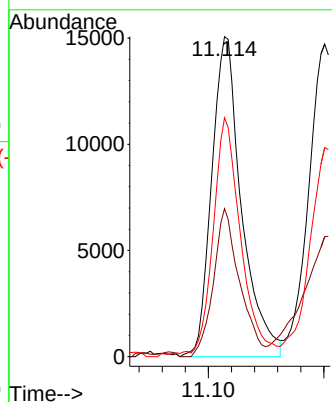
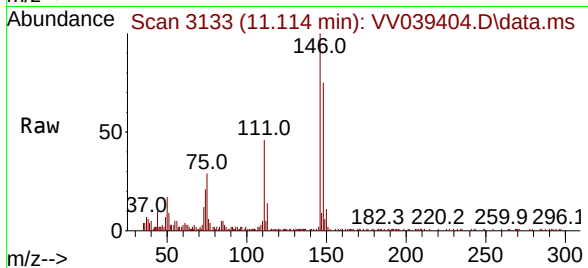
Tgt Ion:146 Resp: 27027

Ion Ratio Lower Upper

146 100

111 46.3 26.6 49.4

148 74.6 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 0.470 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.003 min

Lab File: VV039404.D

Acq: 19 Nov 2025 09:53

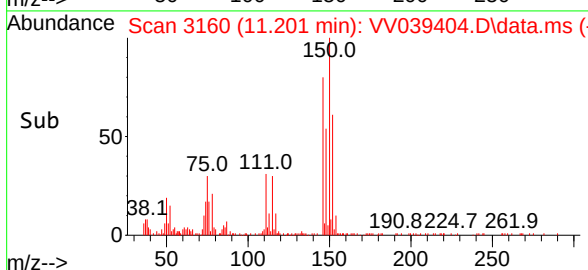
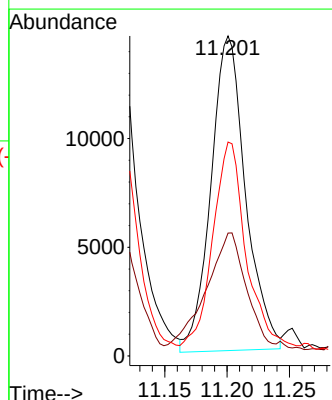
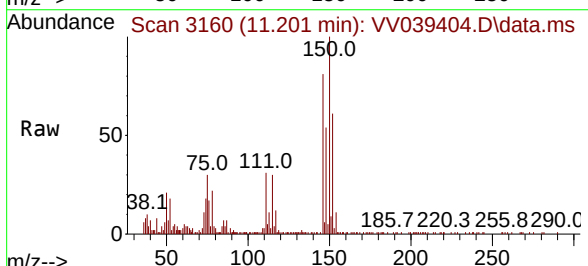
Tgt Ion:146 Resp: 28008

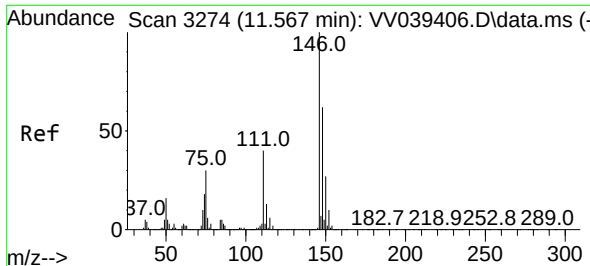
Ion Ratio Lower Upper

146 100

111 38.4 24.6 45.6

148 66.9 44.9 83.3

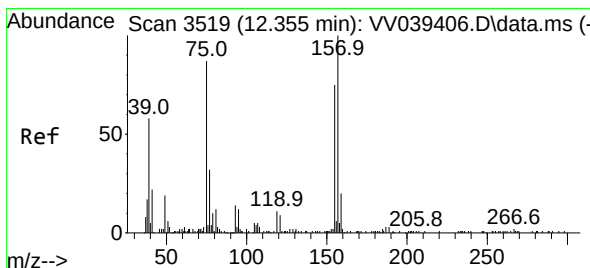
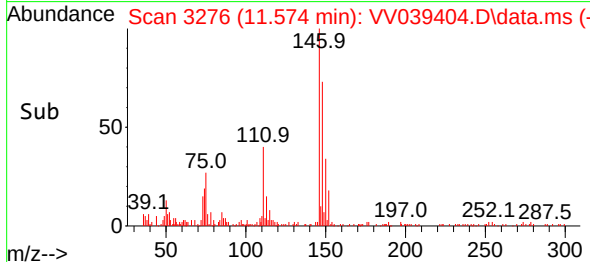
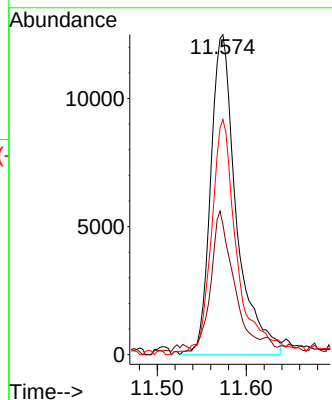
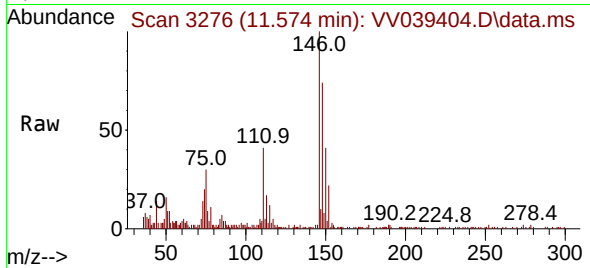




#67
1,2-Dichlorobenzene
Concen: 0.484 ug/L
RT: 11.574 min Scan# 311
Delta R.T. 0.007 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

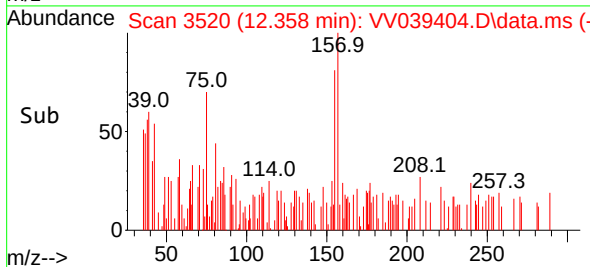
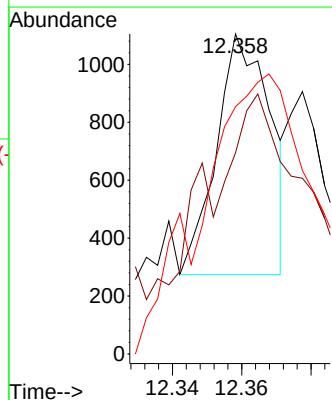
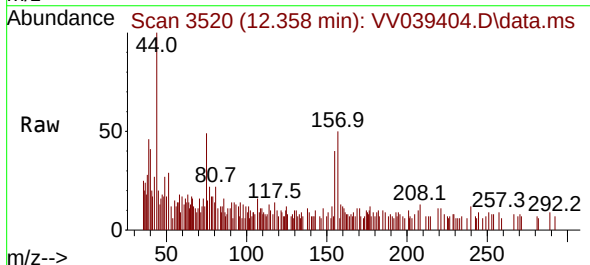
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5260

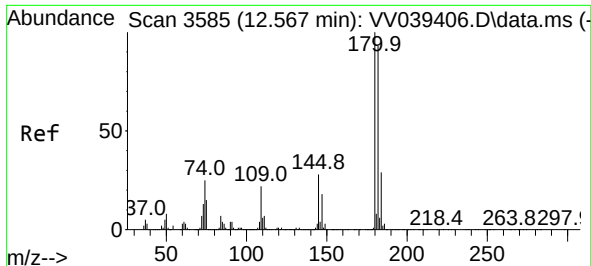
Tgt Ion:146 Resp: 25102
Ion Ratio Lower Upper
146 100
111 40.7 31.7 47.5
148 73.5 49.8 74.6



#68
1,2-Dibromo-3-chloropropane
Concen: 0.253 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. 0.003 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

Tgt Ion: 75 Resp: 892
Ion Ratio Lower Upper
75 100
155 62.9 69.5 104.3#
157 77.3 92.0 138.0#

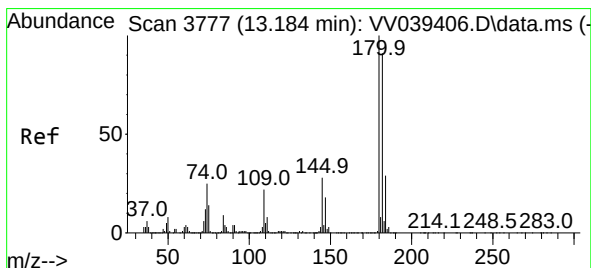
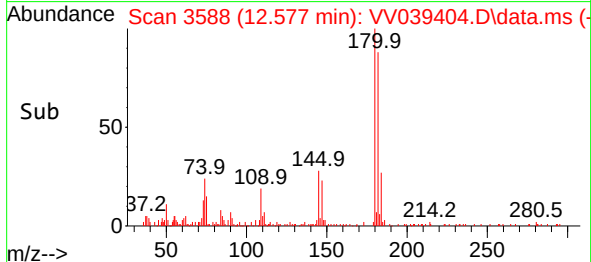
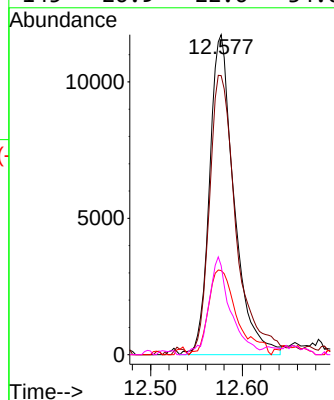
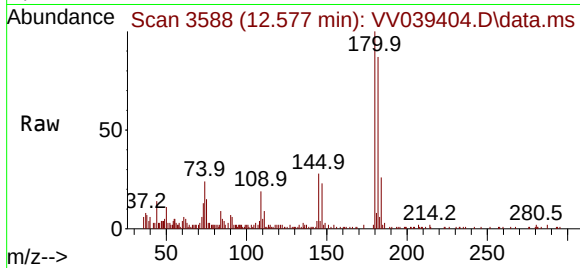




#69
 1,3,5-Trichlorobenzene
 Concen: 0.580 ug/L
 RT: 12.577 min Scan# 31
 Delta R.T. 0.010 min
 Lab File: VV039404.D
 Acq: 19 Nov 2025 09:53

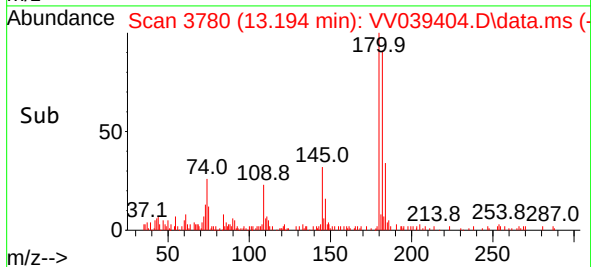
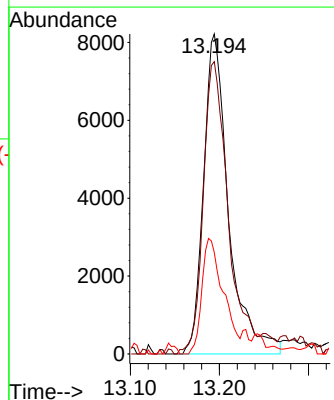
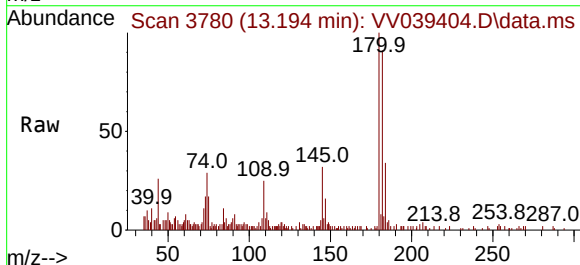
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5260

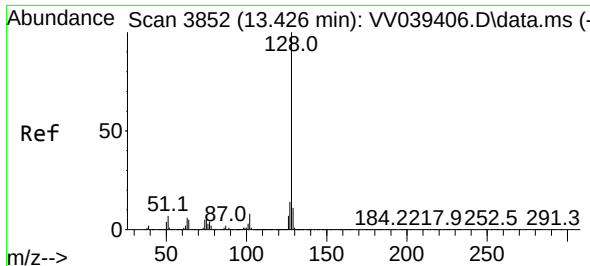
Tgt Ion:	180	Resp:	21845
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.9	115.3
184	30.5	24.3	36.5
145	26.9	22.6	34.0



#70
 1,2,4-trichlorobenzene
 Concen: 0.540 ug/L
 RT: 13.194 min Scan# 3780
 Delta R.T. 0.010 min
 Lab File: VV039404.D
 Acq: 19 Nov 2025 09:53

Tgt Ion:	180	Resp:	16028
Ion Ratio	Lower	Upper	
180	100		
182	90.0	74.6	111.8
145	31.0	23.3	34.9

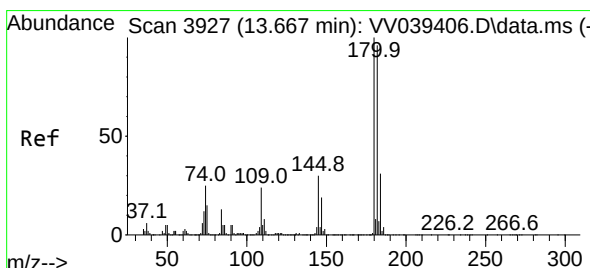
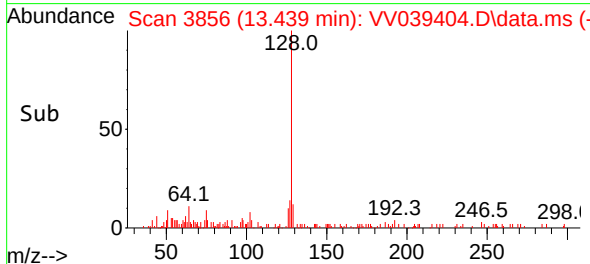
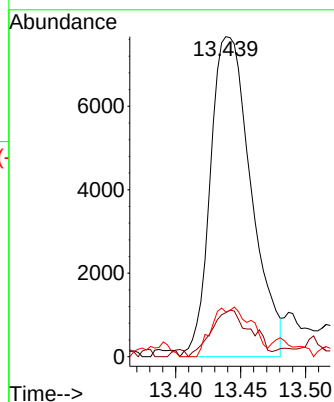
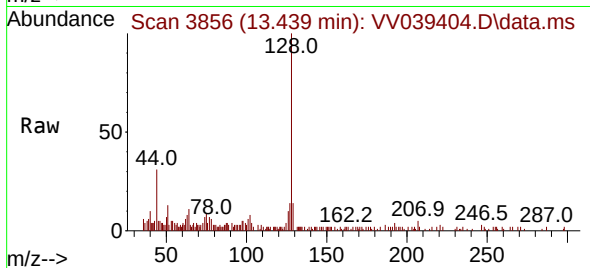




#71
Naphthalene
Concen: 0.367 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. 0.013 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5260

Tgt Ion:128 Resp: 16715
Ion Ratio Lower Upper
128 100
129 14.0 8.6 12.8#
127 6.2 11.3 16.9#



#72
1,2,3-Trichlorobenzene
Concen: 0.527 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.007 min
Lab File: VV039404.D
Acq: 19 Nov 2025 09:53

Tgt Ion:180 Resp: 14165
Ion Ratio Lower Upper
180 100
182 93.2 75.4 113.0
145 32.6 24.6 36.8

