

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111925\
 Data File : VV039407.D
 Acq On : 19 Nov 2025 11:24
 Operator : SY/MD
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010263

Quant Time: Nov 20 03:24:08 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	307731	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	341484	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	252767	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	449231	10.627	ug/L	0.00
7) Chloroethane-d5	1.542	69	380051	12.194	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.069	65	205738	11.611	ug/L	0.00
20) 2-Butanone-d5	3.780	46	781385	136.771	ug/L	-0.01
24) Chloroform-d	4.249	84	978406	14.825	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	434866	14.544	ug/L	0.00
32) Benzene-d6	4.957	84	1870560	14.617	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	542311	11.584	ug/L	0.00
41) Toluene-d8	7.233	98	1787947	15.743	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	200761	14.053	ug/L	0.00
46) 2-Hexanone-d5	8.008	63	665904	149.930	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.140	84	361928	12.684	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.548	152	592372	12.601	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	347544	8.801	ug/L	98
3) Chloromethane	1.227	50	242233	5.638	ug/L	99
5) Vinyl chloride	1.294	62	294083	7.062	ug/L	99
6) Bromomethane	1.497	94	173550	8.097	ug/L	99
8) Chloroethane	1.561	64	208543	8.085	ug/L	99
9) Trichlorofluoromethane	1.725	101	565626	9.779	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	364674	10.757	ug/L	98
12) 1,1-Dichloroethene	2.082	96	266056	8.816	ug/L	96
13) Acetone	2.117	43	554013	124.546	ug/L	99
14) Carbon disulfide	2.252	76	431842	4.586	ug/L	100
15) Methyl Acetate	2.384	43	125164	11.027	ug/L	94
16) Methylene chloride	2.455	84	392121	11.139	ug/L	94
17) Methyl tert-butyl Ether	2.709	73	705480	12.148	ug/L	98
18) trans-1,2-Dichloroethene	2.703	96	292015	9.588	ug/L	99
19) 1,1-Dichloroethane	3.117	63	723280	11.328	ug/L	100
21) 2-Butanone	3.860	43	804252	125.483	ug/L	95
22) cis-1,2-Dichloroethene	3.815	96	381335	12.008	ug/L	99
23) Bromochloromethane	4.146	128	165518	11.530	ug/L	95
25) Chloroform	4.275	83	796052	12.287	ug/L	99
27) 1,2-Dichloroethane	5.037	62	419287	11.942	ug/L	98
29) 1,1,1-Trichloroethane	4.510	97	665910	11.479	ug/L	98
30) Cyclohexane	4.584	56	420542	8.588	ug/L	97
31) Carbon tetrachloride	4.731	117	578576	11.260	ug/L	98
33) Benzene	5.008	78	1430358	10.839	ug/L	100
34) Trichloroethene	5.828	95	367426	10.907	ug/L	97
35) Methylcyclohexane	6.043	83	456110	9.012	ug/L	99
37) 1,2-Dichloropropane	6.085	63	424565	11.970	ug/L	# 96
38) Bromodichloromethane	6.426	83	545630	11.568	ug/L	98
39) cis-1,3-Dichloropropene	6.944	75	558831	12.005	ug/L	98
40) 4-Methyl-2-pentanone	7.143	43	2087312	129.649	ug/L	99
42) Toluene	7.307	91	1616620	11.994	ug/L	98
44) trans-1,3-Dichloropropene	7.571	75	471391	11.954	ug/L	97

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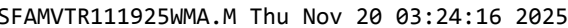
Quant Time: Nov 20 03:24:08 2025
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 03:21:50 2025
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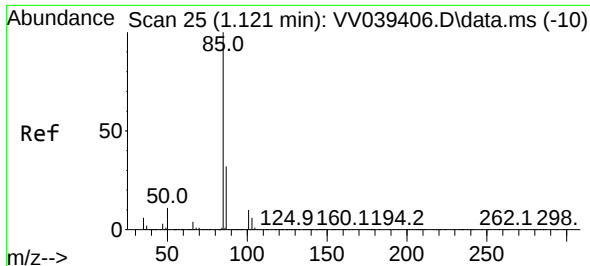
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.757	97	286558	11.266	ug/L	97
47) Tetrachloroethene	7.895	164	327594	12.174	ug/L	95
48) 2-Hexanone	8.059	43	1482859	134.916	ug/L	99
49) Dibromochloromethane	8.165	129	363036	12.598	ug/L	99
50) 1,2-Dibromoethane	8.271	107	247875	11.257	ug/L	94
51) Chlorobenzene	8.802	112	1069045	11.949	ug/L	99
52) Ethylbenzene	8.934	91	1776027	12.736	ug/L	99
53) m,p-Xylene	9.062	106	696672	13.191	ug/L	99
54) o-Xylene	9.468	106	663049	13.228	ug/L	97
55) Styrene	9.484	104	1220842	14.129	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.165	83	331175	11.358	ug/L	99
59) Bromoform	9.654	173	219403	10.998	ug/L	98
60) Isopropylbenzene	9.853	105	1887752	10.494	ug/L	100
61) 1,2,3-Trichloropropane	10.194	75	221090	8.645	ug/L	96
62) 1,3,5-Trimethylbenzene	10.464	105	1468231	10.632	ug/L	99
63) 1,2,4-Trimethylbenzene	10.837	105	1503718	10.885	ug/L	99
64) 1,3-Dichlorobenzene	11.104	146	978889	11.016	ug/L	98
65) 1,4-Dichlorobenzene	11.194	146	984581	10.533	ug/L	99
67) 1,2-Dichlorobenzene	11.564	146	879756	10.802	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.352	75	46279	8.348	ug/L	93
69) 1,3,5-Trichlorobenzene	12.567	180	717440	12.129	ug/L	99
70) 1,2,4-trichlorobenzene	13.185	180	552061	11.857	ug/L	98
71) Naphthalene	13.426	128	725484	10.158	ug/L	99
72) 1,2,3-Trichlorobenzene	13.664	180	510962	12.118	ug/L	99

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

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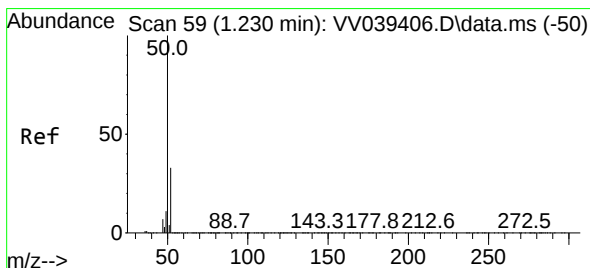
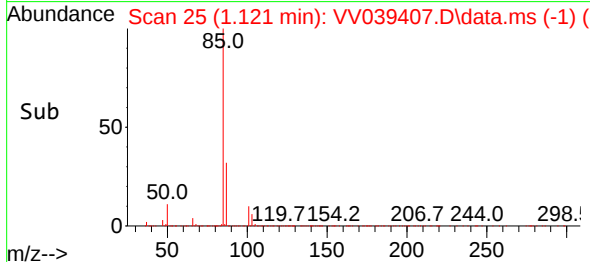
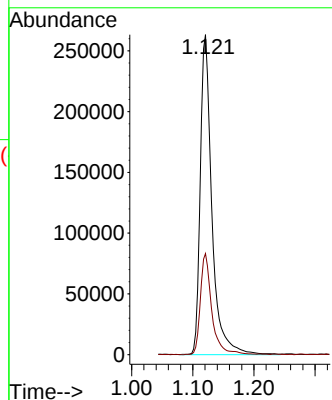
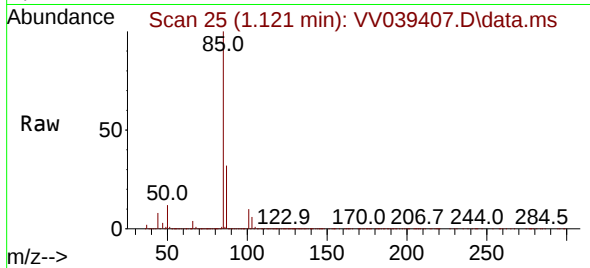




#2
 Dichlorodifluoromethane
 Concen: 8.801 ug/L
 RT: 1.121 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV039407.D
 Acq: 19 Nov 2025 11:24

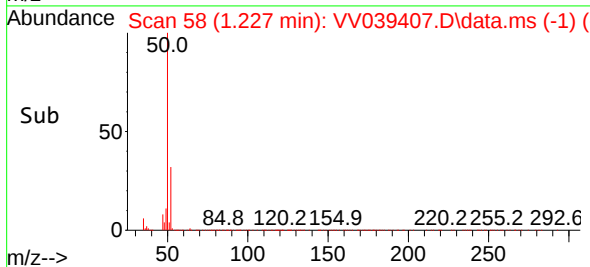
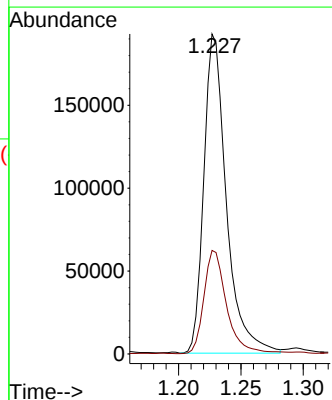
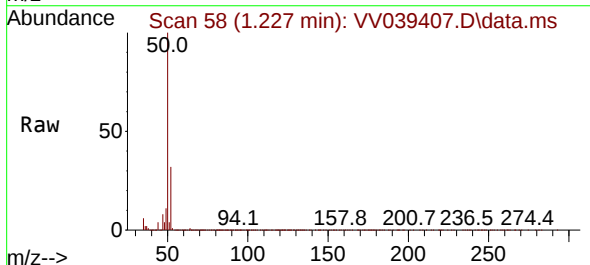
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 VSTD010263

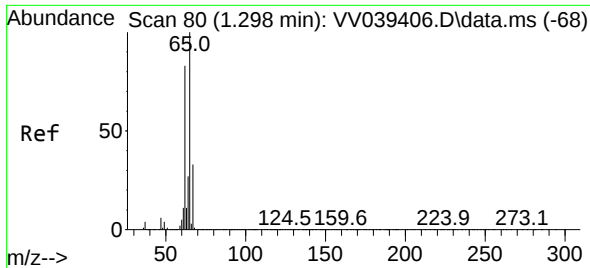
Tgt Ion: 85 Resp: 347544
 Ion Ratio Lower Upper
 85 100
 87 31.1 25.8 38.8



#3
 Chloromethane
 Concen: 5.638 ug/L
 RT: 1.227 min Scan# 58
 Delta R.T. -0.003 min
 Lab File: VV039407.D
 Acq: 19 Nov 2025 11:24

Tgt Ion: 50 Resp: 242233
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.2 43.2

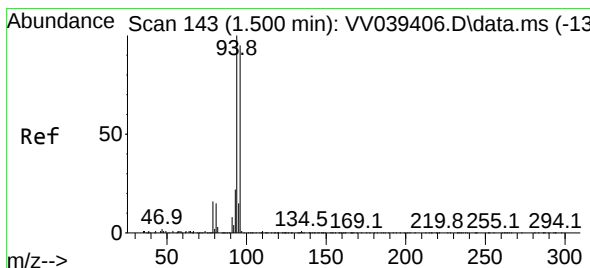
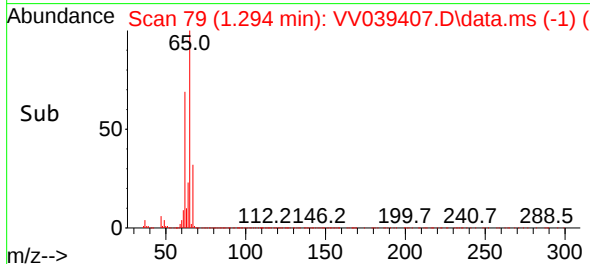
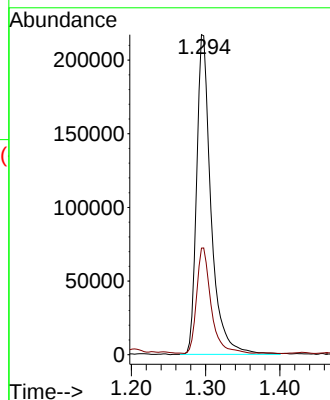
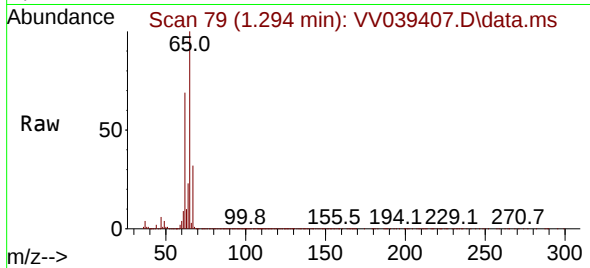




#5
 Vinyl chloride
 Concen: 7.062 ug/L
 RT: 1.294 min Scan# 79
 Delta R.T. -0.003 min
 Lab File: VV039407.D
 Acq: 19 Nov 2025 11:24

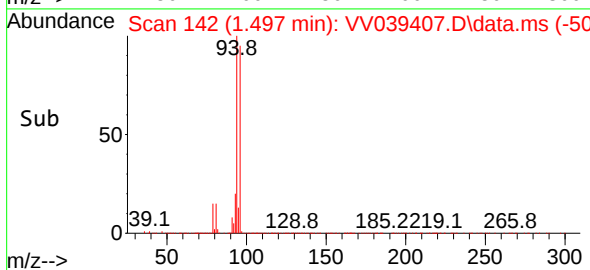
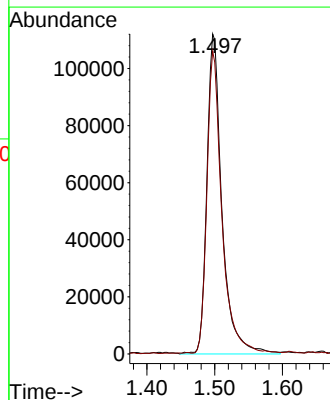
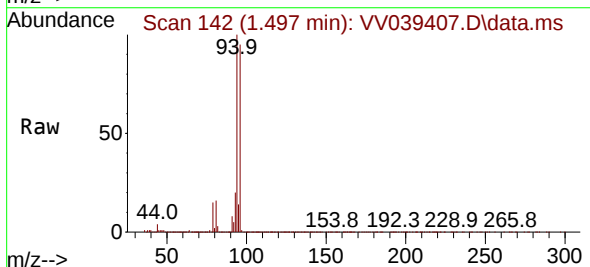
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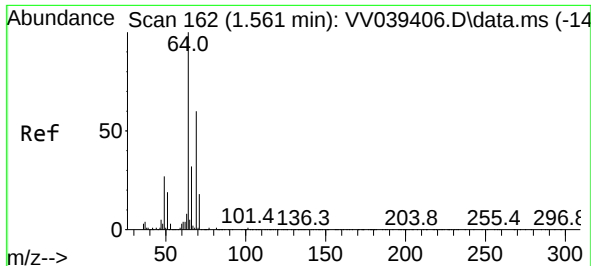
Tgt Ion: 62 Resp: 294083
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.7 44.1



#6
 Bromomethane
 Concen: 8.097 ug/L
 RT: 1.497 min Scan# 142
 Delta R.T. -0.003 min
 Lab File: VV039407.D
 Acq: 19 Nov 2025 11:24

Tgt Ion: 94 Resp: 173550
 Ion Ratio Lower Upper
 94 100
 96 94.6 67.2 124.8

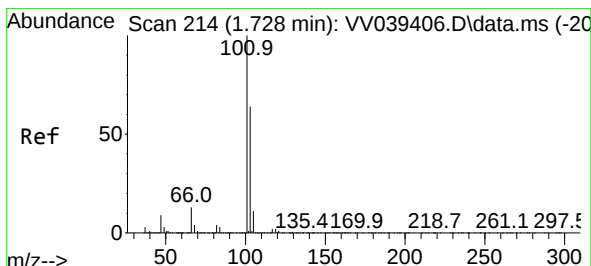
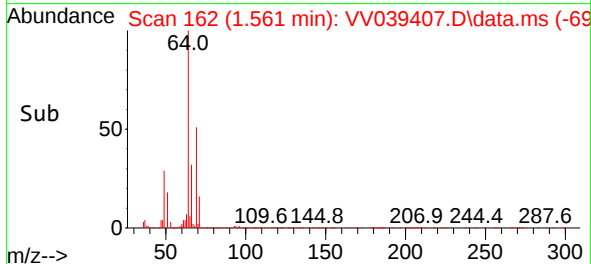
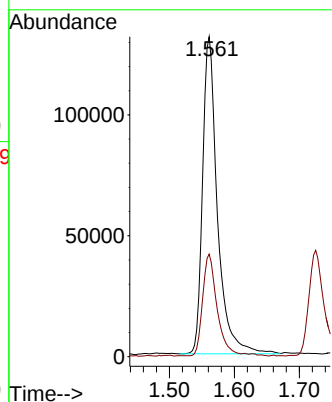
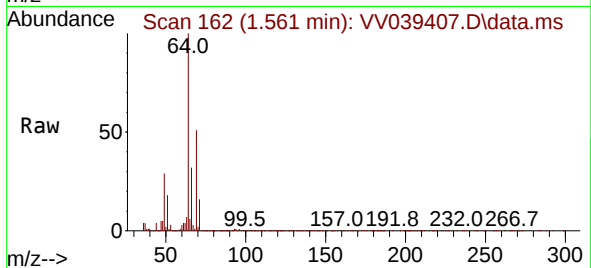




#8
Chloroethane
Concen: 8.085 ug/L
RT: 1.561 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

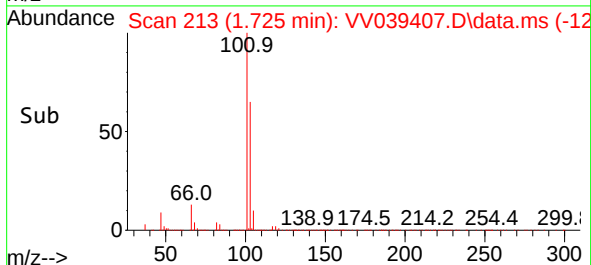
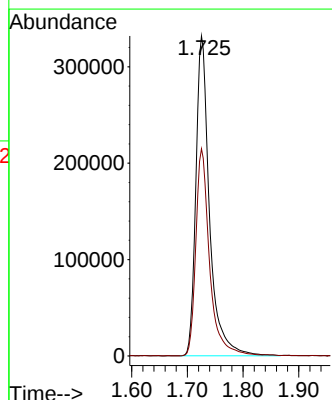
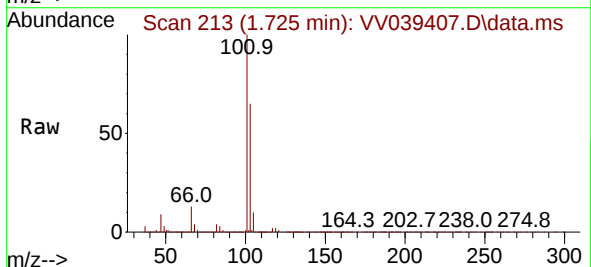
Instrument :
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VSTD010263

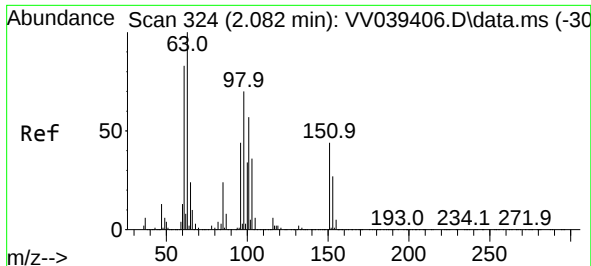
Tgt Ion: 64 Resp: 208543
Ion Ratio Lower Upper
64 100
66 32.0 22.0 41.0



#9
Trichlorofluoromethane
Concen: 9.779 ug/L
RT: 1.725 min Scan# 213
Delta R.T. -0.003 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

Tgt Ion: 101 Resp: 565626
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 10.757 ug/L

RT: 2.079 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV039407.D

Acq: 19 Nov 2025 11:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD010263

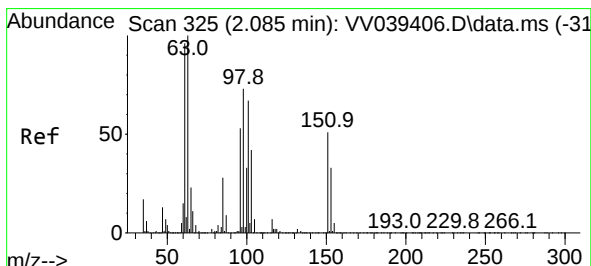
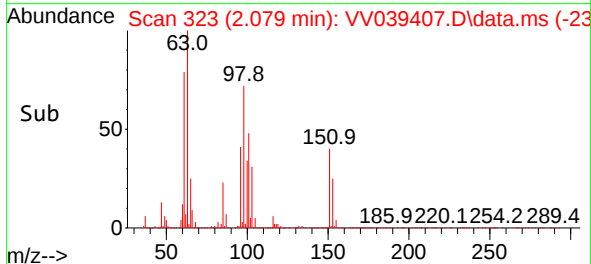
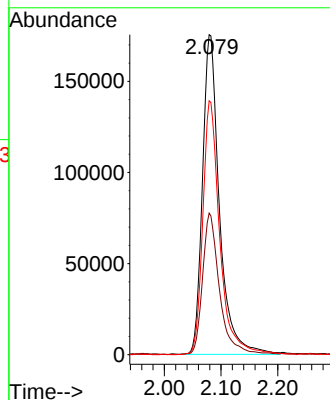
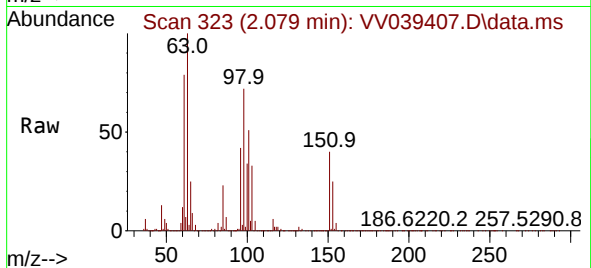
Tgt Ion:101 Resp: 364674

Ion Ratio Lower Upper

101 100

85 43.8 34.0 51.0

151 79.9 62.3 93.5



#12

1,1-Dichloroethene

Concen: 8.816 ug/L

RT: 2.082 min Scan# 324

Delta R.T. -0.003 min

Lab File: VV039407.D

Acq: 19 Nov 2025 11:24

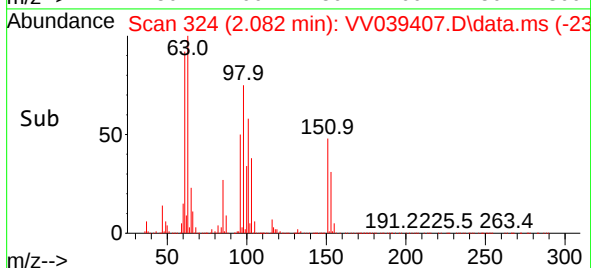
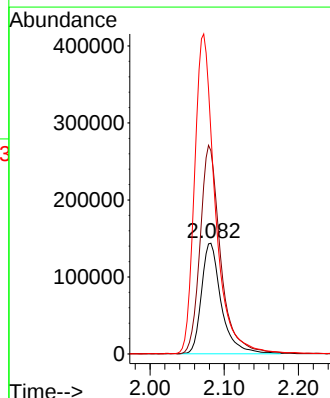
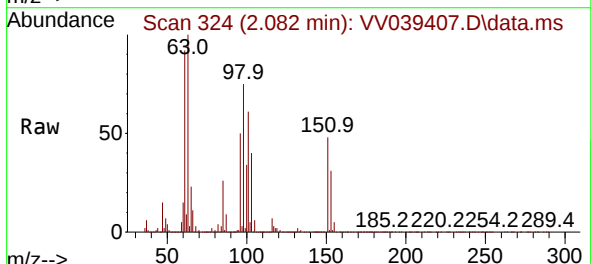
Tgt Ion: 96 Resp: 266056

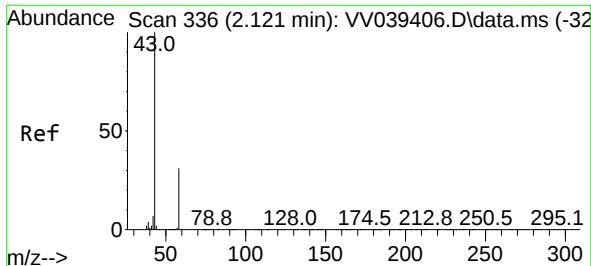
Ion Ratio Lower Upper

96 100

61 183.7 127.7 237.1

63 200.0 132.6 246.2

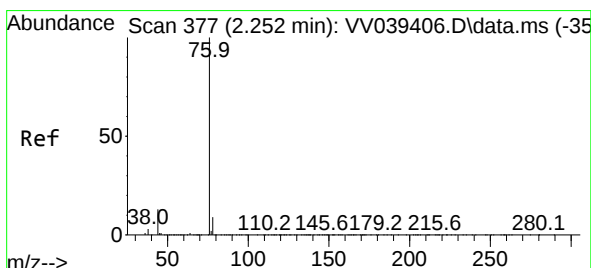
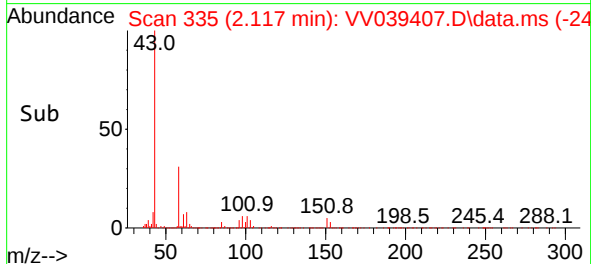
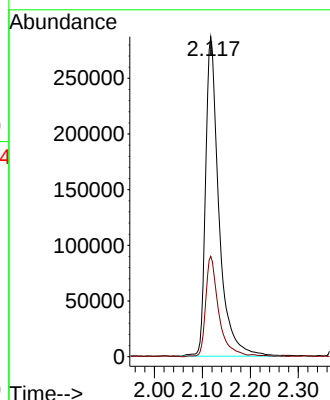
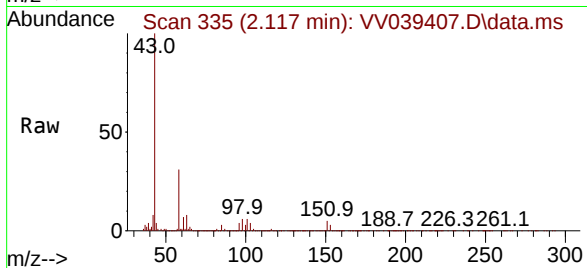




#13
Acetone
Concen: 124.546 ug/L
RT: 2.117 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

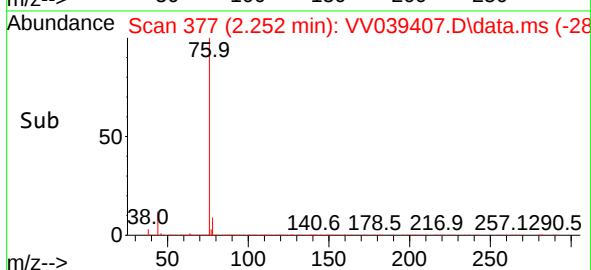
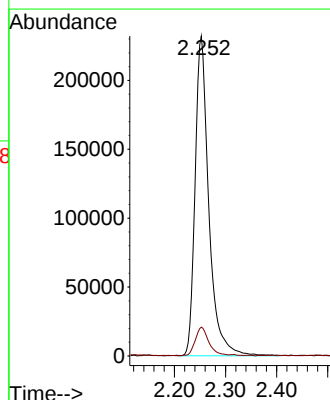
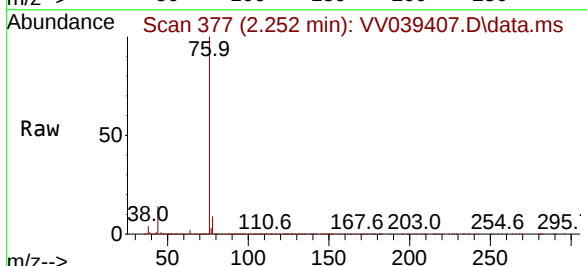
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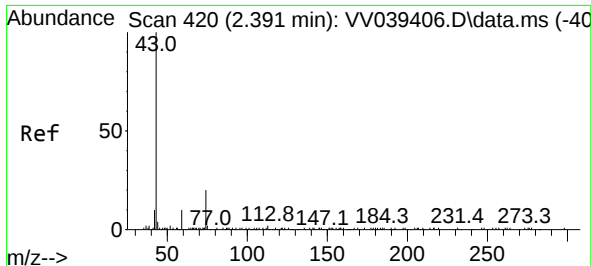
Tgt Ion: 43 Resp: 554013
Ion Ratio Lower Upper
43 100
58 30.7 0.0 60.0



#14
Carbon disulfide
Concen: 4.586 ug/L
RT: 2.252 min Scan# 377
Delta R.T. 0.000 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

Tgt Ion: 76 Resp: 431842
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

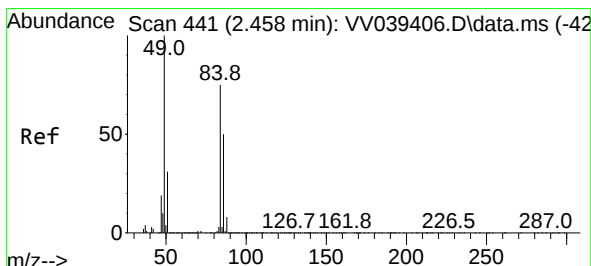
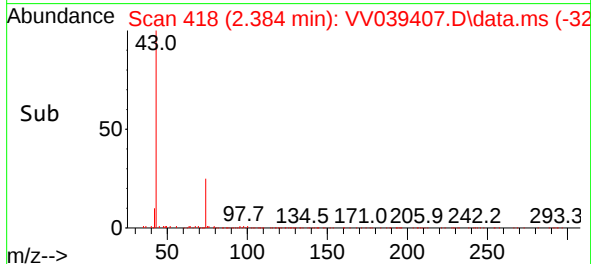
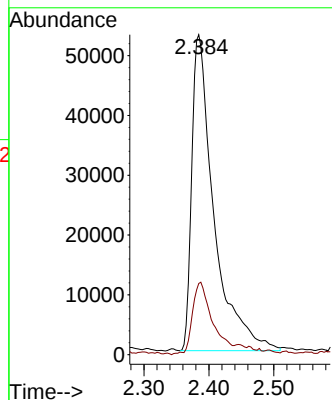
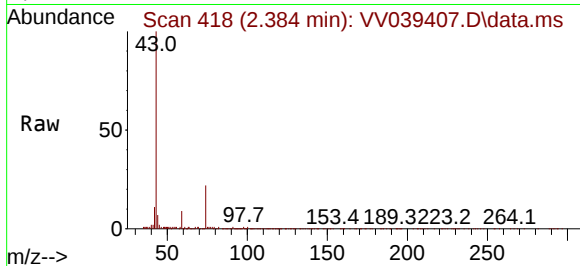




#15
Methyl Acetate
Concen: 11.027 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.006 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

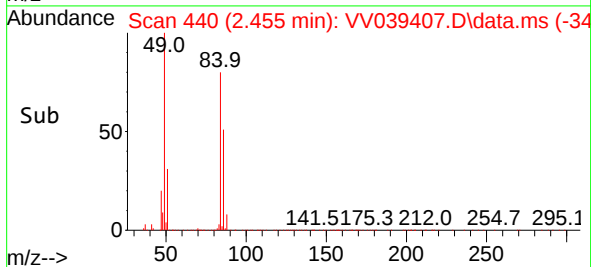
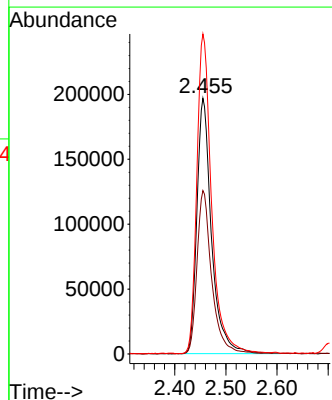
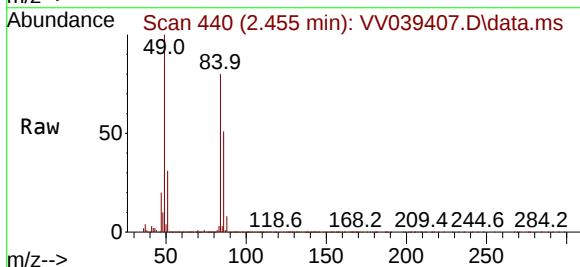
Instrument :
MSVOA_V
ClientSampleId :
VSTD010263

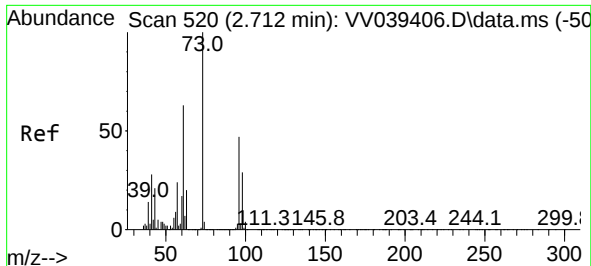
Tgt Ion: 43 Resp: 125164
Ion Ratio Lower Upper
43 100
74 21.0 14.5 21.7



#16
Methylene chloride
Concen: 11.139 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.003 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

Tgt Ion: 84 Resp: 392121
Ion Ratio Lower Upper
84 100
86 63.9 46.8 87.0
49 125.2 93.0 172.8





#17

Methyl tert-butyl Ether

Concen: 12.148 ug/L

RT: 2.709 min Scan# 517

Delta R.T. -0.003 min

Lab File: VV039407.D

Acq: 19 Nov 2025 11:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD010263

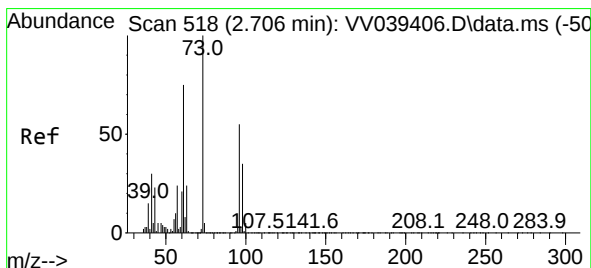
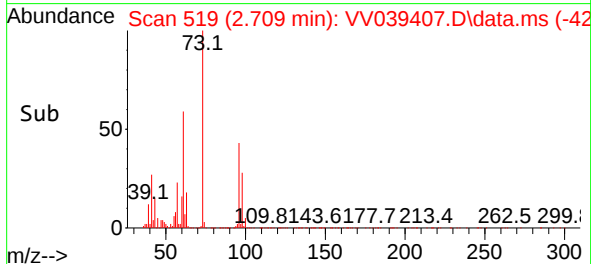
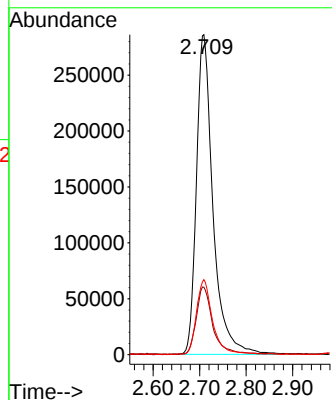
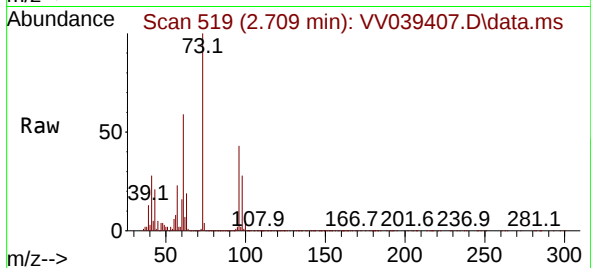
Tgt Ion: 73 Resp: 705480

Ion Ratio Lower Upper

73 100

43 20.6 17.4 26.2

57 22.5 18.8 28.2



#18

trans-1,2-Dichloroethene

Concen: 9.588 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.003 min

Lab File: VV039407.D

Acq: 19 Nov 2025 11:24

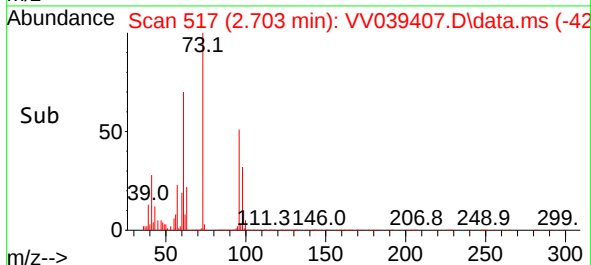
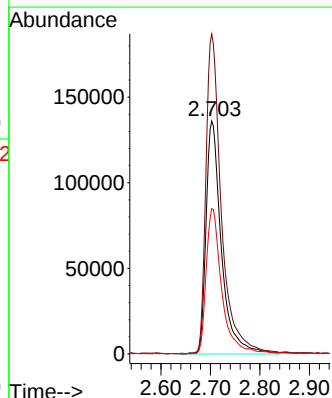
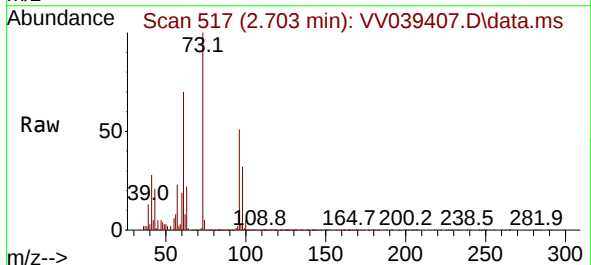
Tgt Ion: 96 Resp: 292015

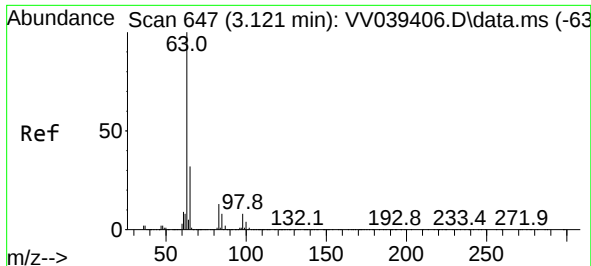
Ion Ratio Lower Upper

96 100

61 137.4 94.7 175.9

98 62.4 44.2 82.0

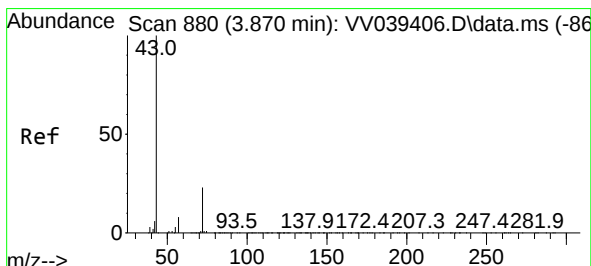
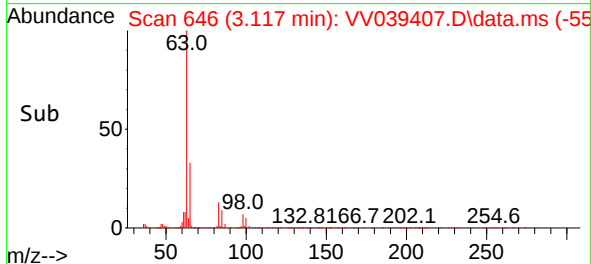
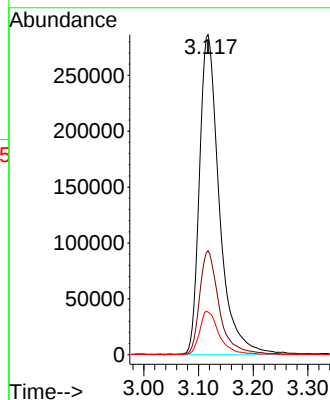
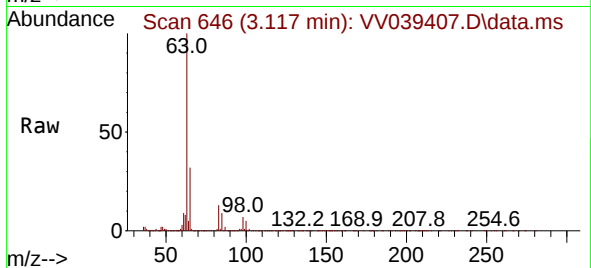




#19
1,1-Dichloroethane
Concen: 11.328 ug/L
RT: 3.117 min Scan# 647
Delta R.T. -0.003 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

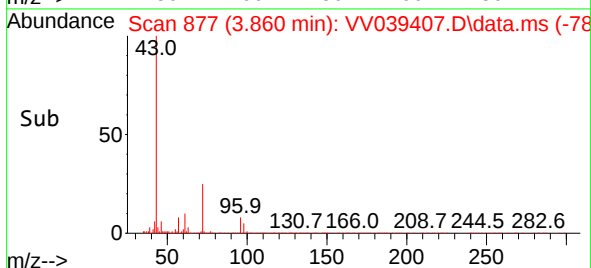
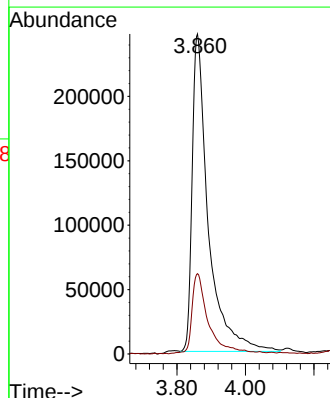
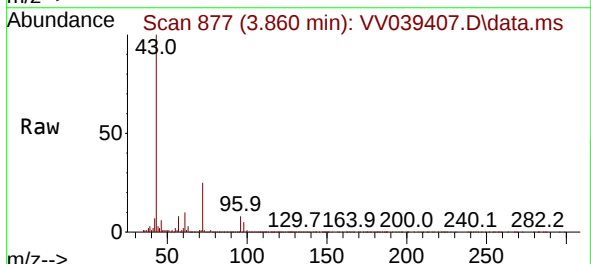
Instrument :
MSVOA_V
ClientSampleId :
VSTD010263

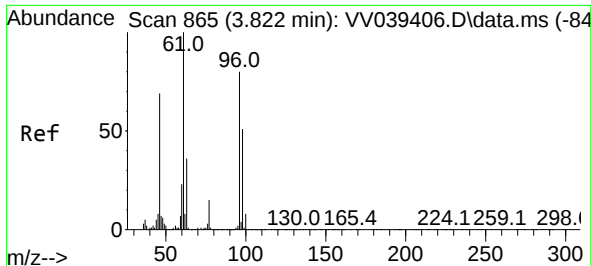
Tgt Ion: 63 Resp: 723280
Ion Ratio Lower Upper
63 100
65 32.5 22.9 42.5
83 13.3 9.2 17.2



#21
2-Butanone
Concen: 125.483 ug/L
RT: 3.860 min Scan# 877
Delta R.T. -0.010 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

Tgt Ion: 43 Resp: 804252
Ion Ratio Lower Upper
43 100
72 25.6 11.7 35.0

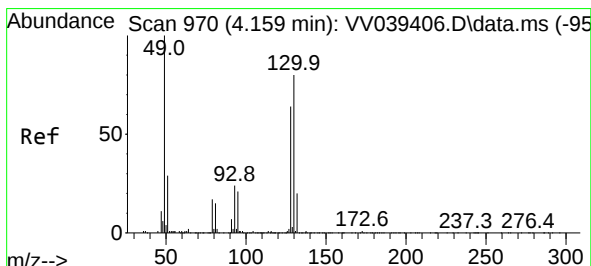
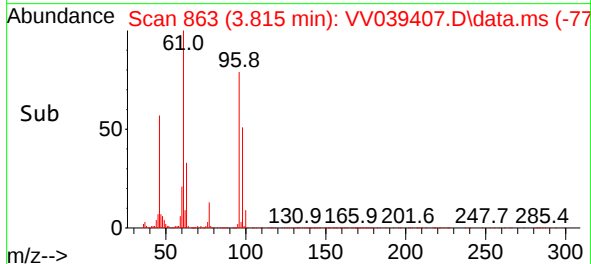
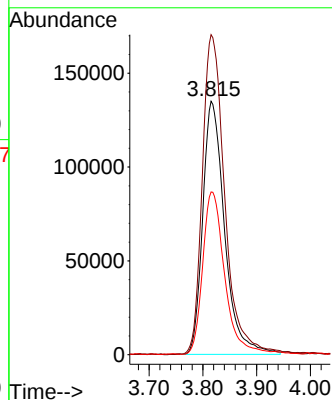
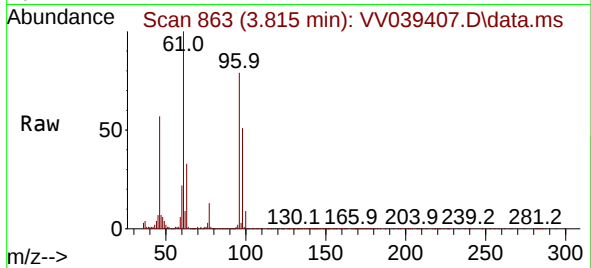




#22
cis-1,2-Dichloroethene
Concen: 12.008 ug/L
RT: 3.815 min Scan# 80
Delta R.T. -0.006 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

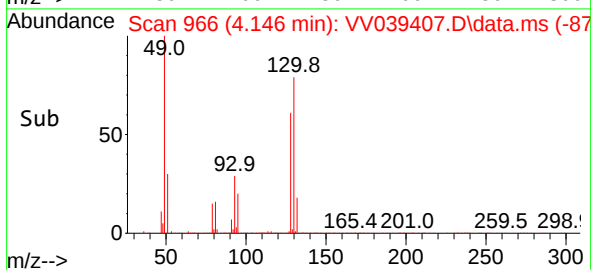
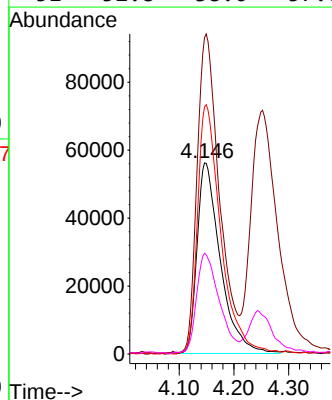
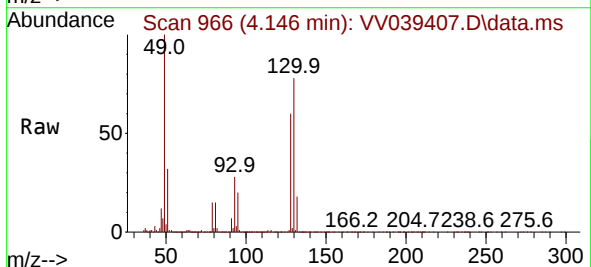
Instrument :
MSVOA_V
ClientSampleId :
VSTD010263

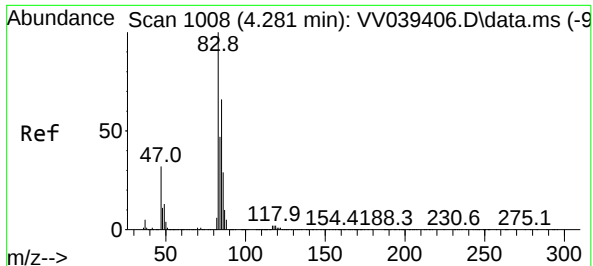
Tgt Ion: 96 Resp: 381335
Ion Ratio Lower Upper
96 100
61 126.2 87.1 161.7
98 64.2 44.7 83.1



#23
Bromochloromethane
Concen: 11.530 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.013 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

Tgt Ion:128 Resp: 165518
Ion Ratio Lower Upper
128 100
49 165.6 110.7 205.5
130 129.3 88.2 163.8
51 52.8 38.0 57.0

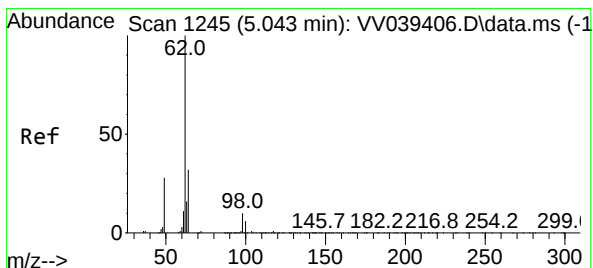
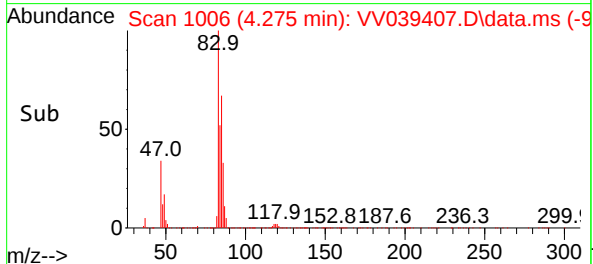
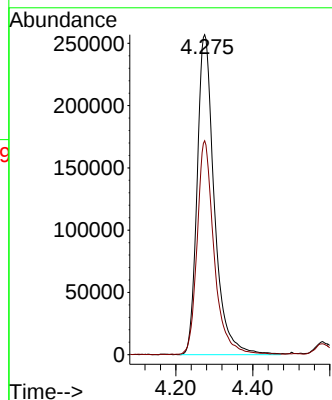
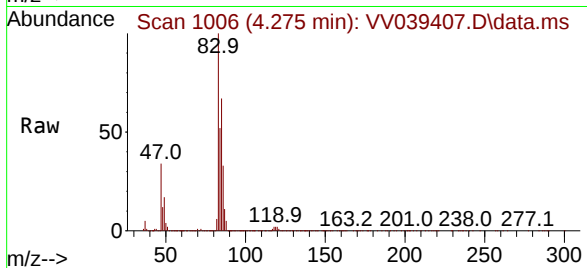




#25
Chloroform
Concen: 12.287 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.006 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

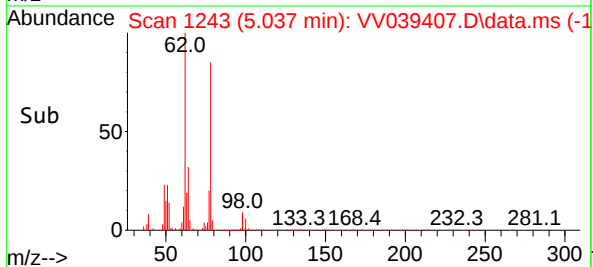
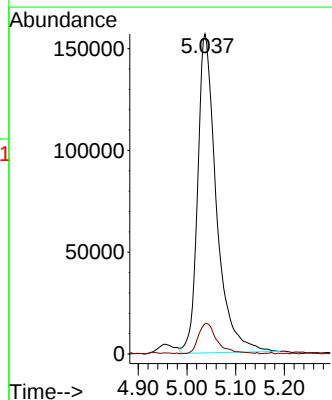
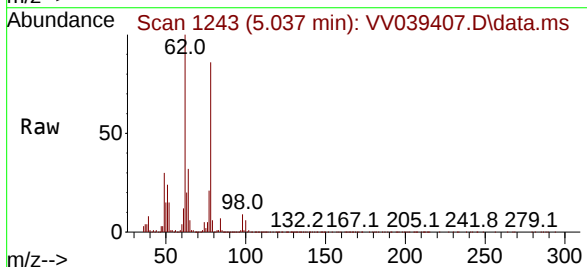
Instrument :
MSVOA_V
ClientSampleId :
VSTD010263

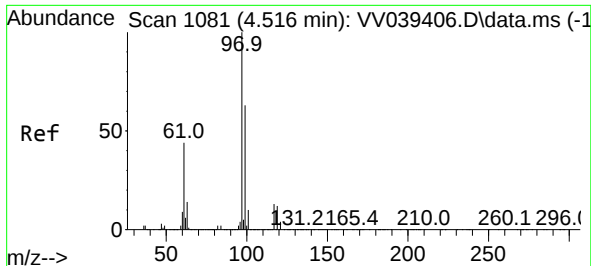
Tgt Ion: 83 Resp: 796052
Ion Ratio Lower Upper
83 100
85 66.9 46.2 85.8



#27
1,2-Dichloroethane
Concen: 11.942 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

Tgt Ion: 62 Resp: 419287
Ion Ratio Lower Upper
62 100
98 9.5 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 11.479 ug/L

RT: 4.510 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VV039407.D

Acq: 19 Nov 2025 11:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD010263

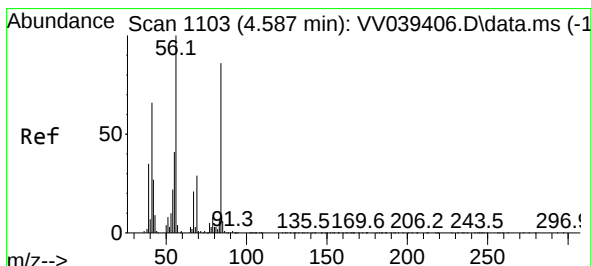
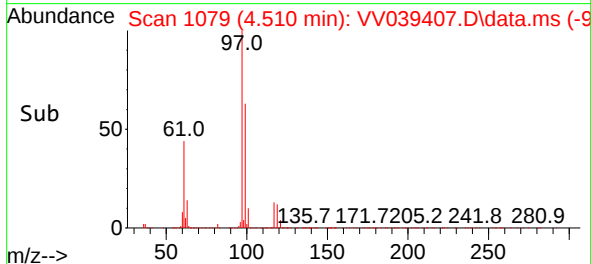
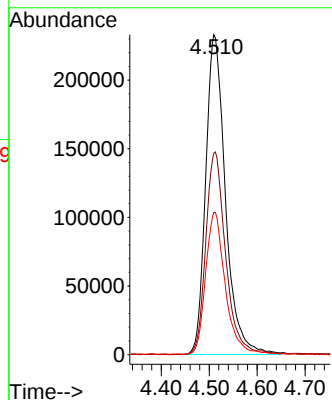
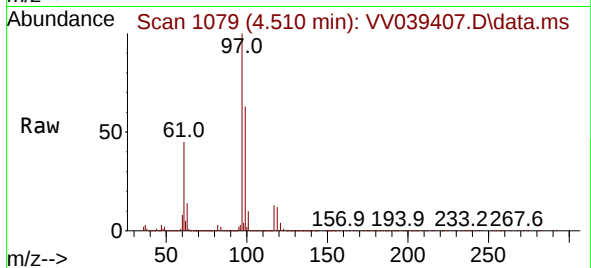
Tgt Ion: 97 Resp: 665910

Ion Ratio Lower Upper

97 100

99 63.2 51.1 76.7

61 43.9 36.6 55.0



#30

Cyclohexane

Concen: 8.588 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV039407.D

Acq: 19 Nov 2025 11:24

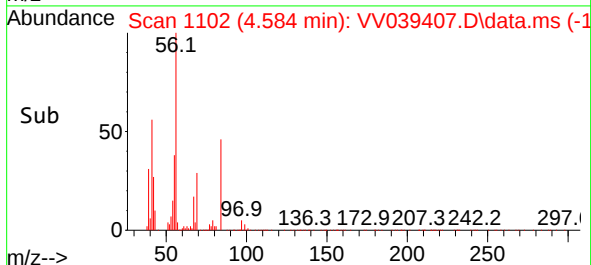
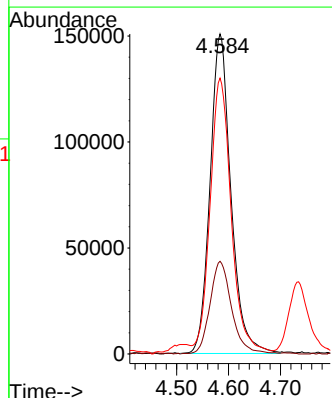
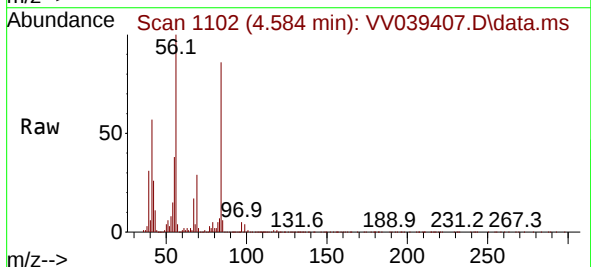
Tgt Ion: 56 Resp: 420542

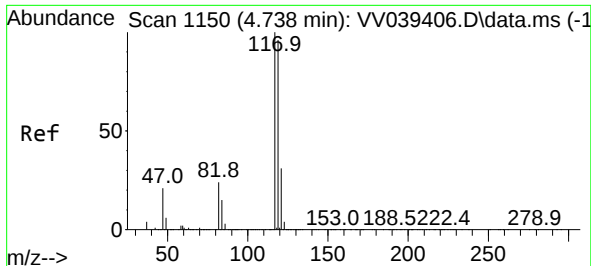
Ion Ratio Lower Upper

56 100

69 30.0 23.7 35.5

84 87.1 72.6 109.0

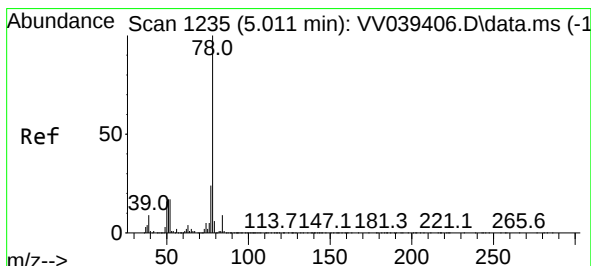
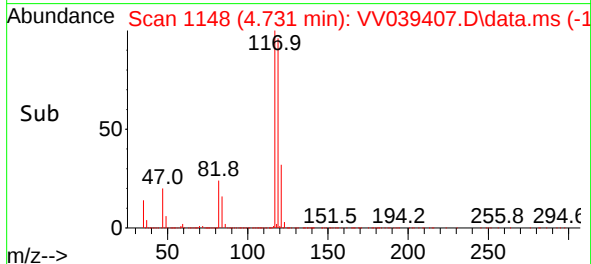
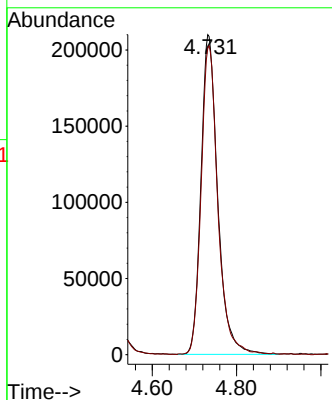
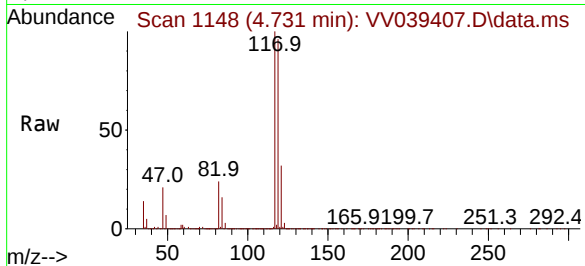




#31
Carbon tetrachloride
Concen: 11.260 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

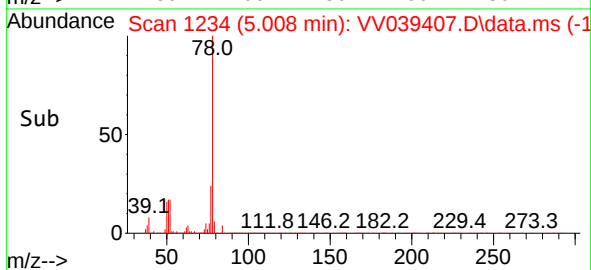
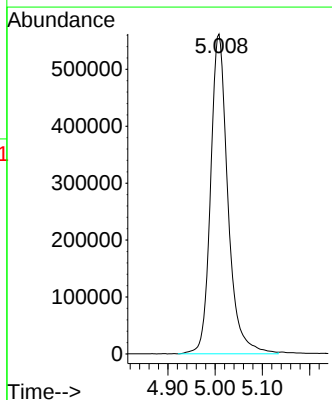
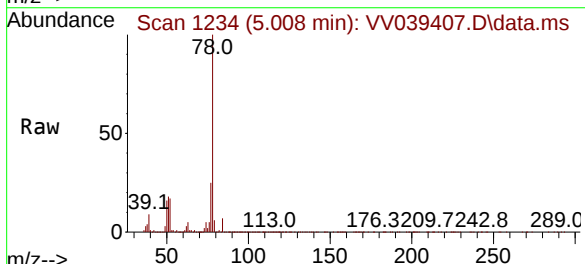
Instrument :
MSVOA_V
ClientSampleId :
VSTD010263

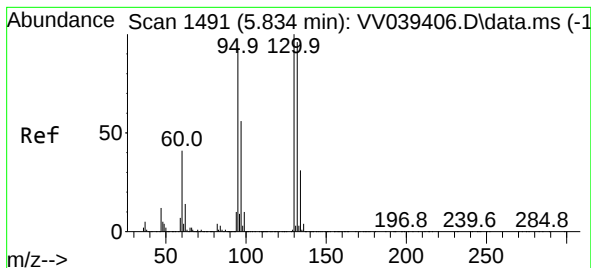
Tgt Ion:117 Resp: 578576
Ion Ratio Lower Upper
117 100
119 96.0 75.4 113.2



#33
Benzene
Concen: 10.839 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

Tgt Ion: 78 Resp: 1430358





#34

Trichloroethene

Concen: 10.907 ug/L

RT: 5.828 min Scan# 1491

Delta R.T. -0.006 min

Lab File: VV039407.D

Acq: 19 Nov 2025 11:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD010263

Tgt Ion: 95 Resp: 367426

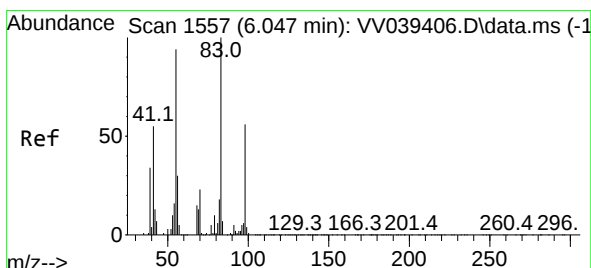
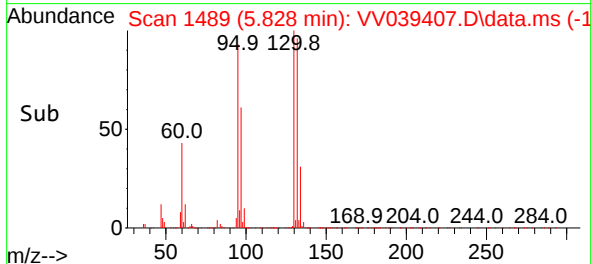
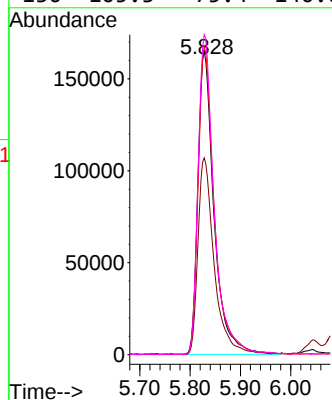
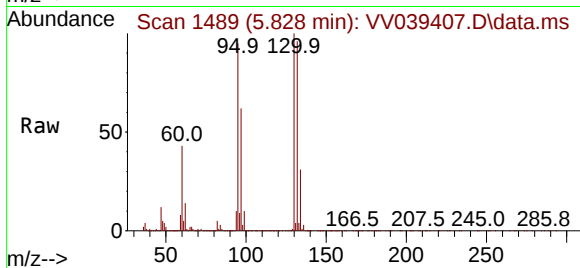
Ion Ratio Lower Upper

95 100

97 64.8 42.7 79.3

132 101.4 72.0 133.6

130 105.3 75.4 140.0



#35

Methylcyclohexane

Concen: 9.012 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV039407.D

Acq: 19 Nov 2025 11:24

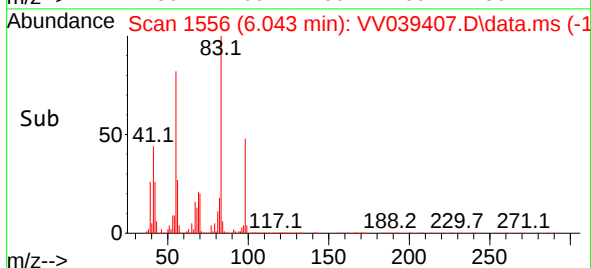
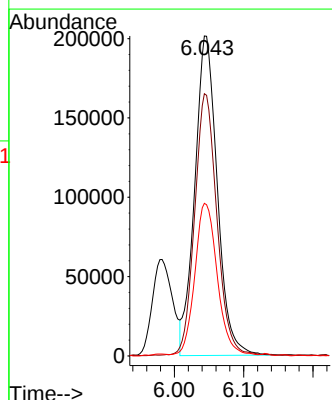
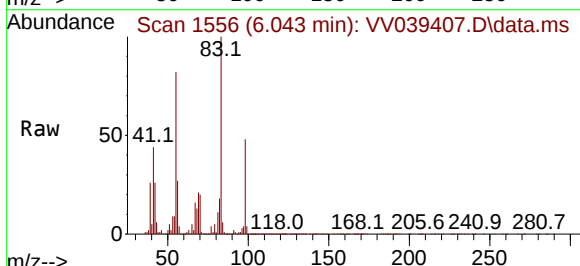
Tgt Ion: 83 Resp: 456110

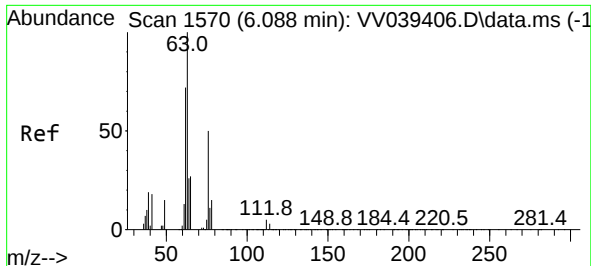
Ion Ratio Lower Upper

83 100

55 80.6 64.0 96.0

98 46.6 37.0 55.4

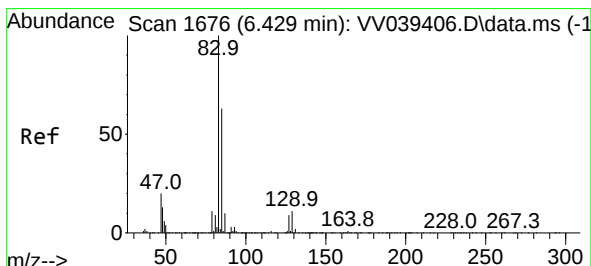
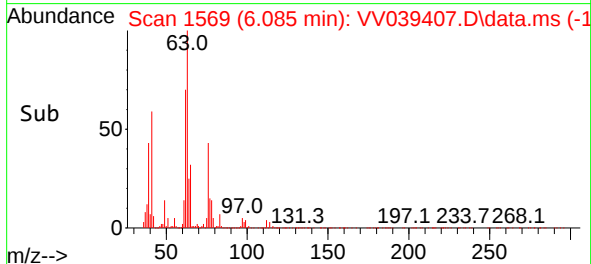
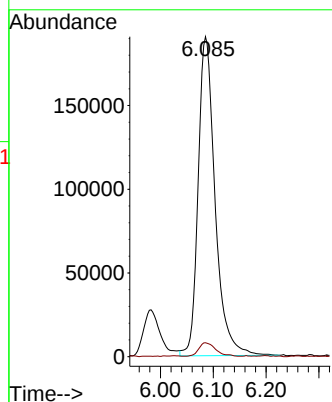
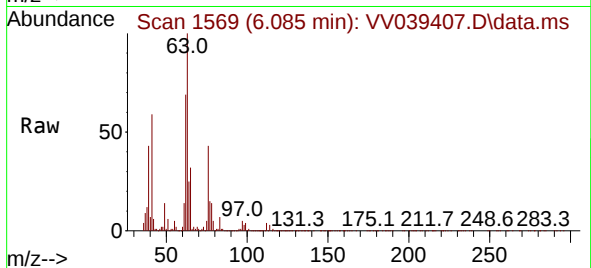




#37
1,2-Dichloropropane
Concen: 11.970 ug/L
RT: 6.085 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

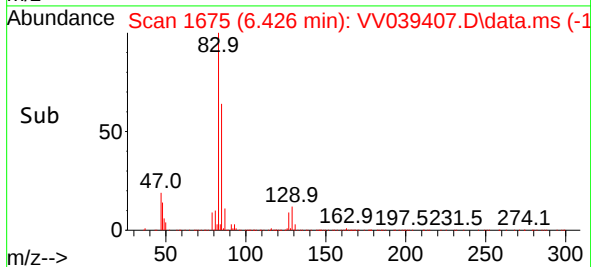
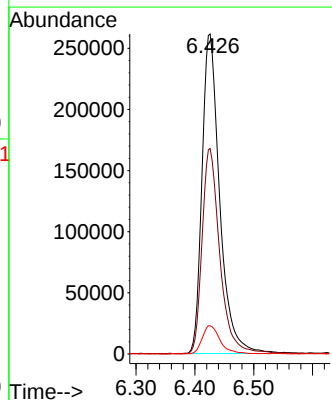
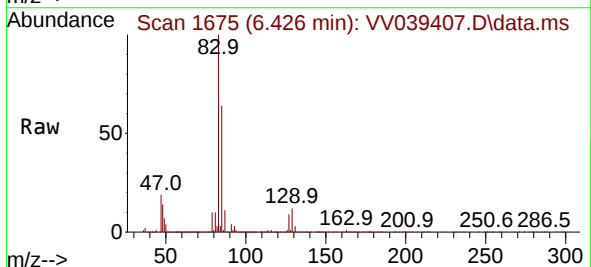
Instrument :
MSVOA_V
ClientSampleId :
VSTD010263

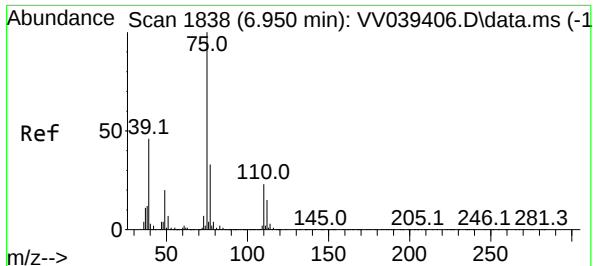
Tgt Ion: 63 Resp: 424565
Ion Ratio Lower Upper
63 100
112 4.2 4.4 6.6#



#38
Bromodichloromethane
Concen: 11.568 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

Tgt Ion: 83 Resp: 545630
Ion Ratio Lower Upper
83 100
85 64.2 43.8 81.4
127 8.8 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 12.005 ug/L

RT: 6.944 min Scan# 1836

Delta R.T. -0.006 min

Lab File: VV039407.D

Acq: 19 Nov 2025 11:24

Instrument :

MSVOA_V

ClientSampleId :

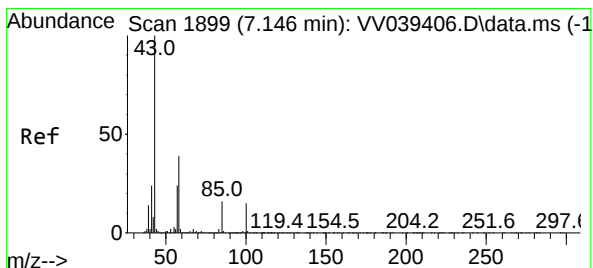
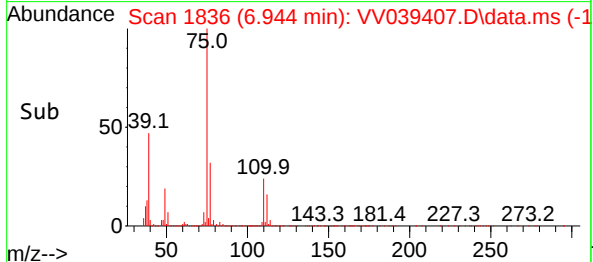
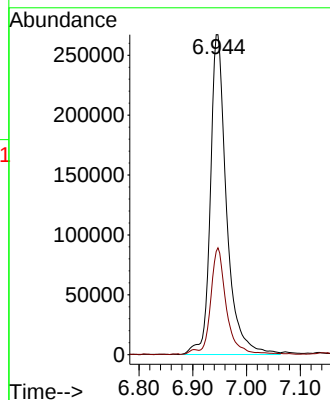
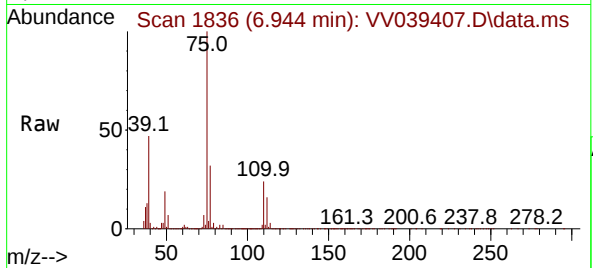
VSTD010263

Tgt Ion: 75 Resp: 558831

Ion Ratio Lower Upper

75 100

77 32.2 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 129.649 ug/L

RT: 7.143 min Scan# 1898

Delta R.T. -0.003 min

Lab File: VV039407.D

Acq: 19 Nov 2025 11:24

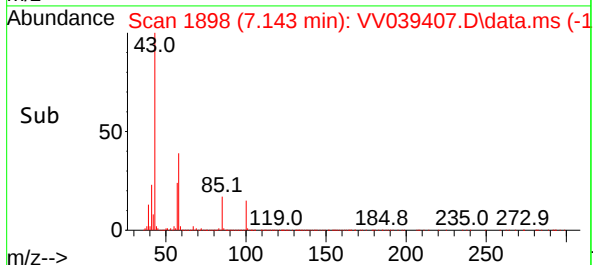
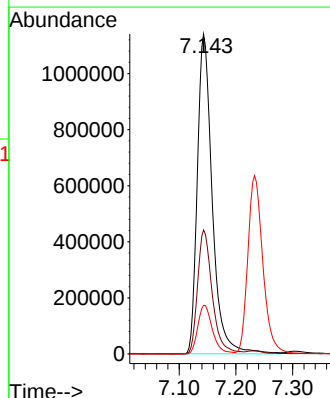
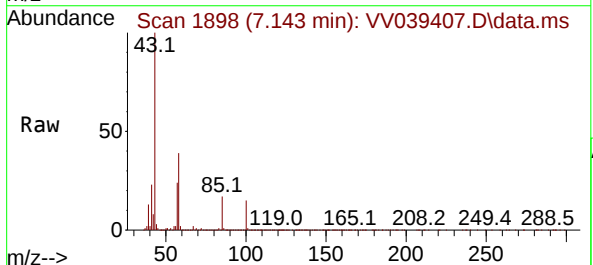
Tgt Ion: 43 Resp: 2087312

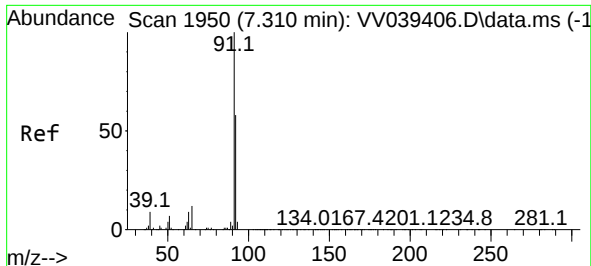
Ion Ratio Lower Upper

43 100

58 37.8 29.6 44.4

100 14.9 11.4 17.0

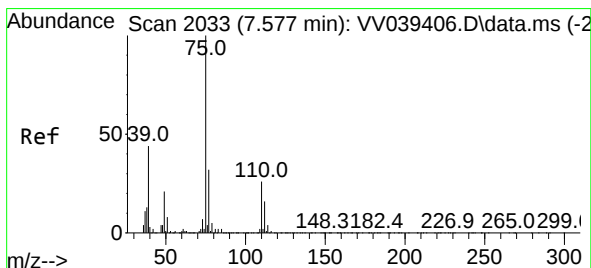
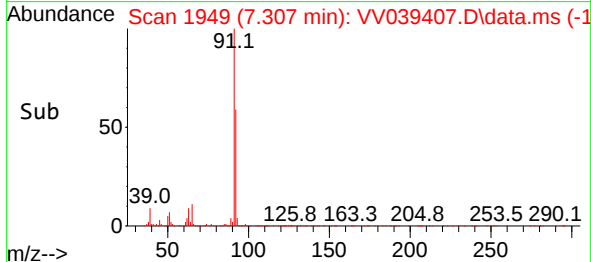
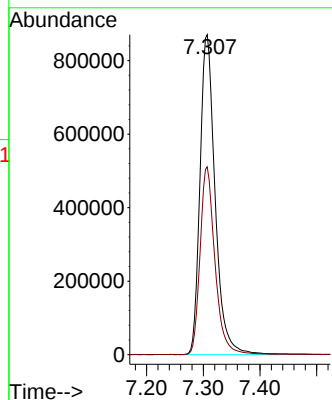
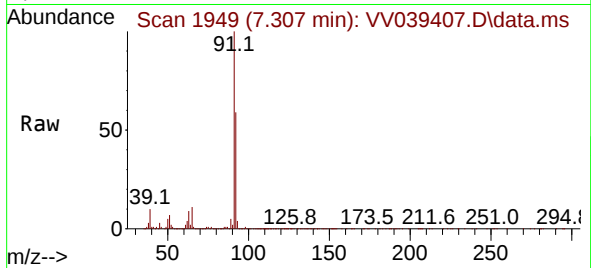




#42
Toluene
Concen: 11.994 ug/L
RT: 7.307 min Scan# 1950
Delta R.T. -0.003 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

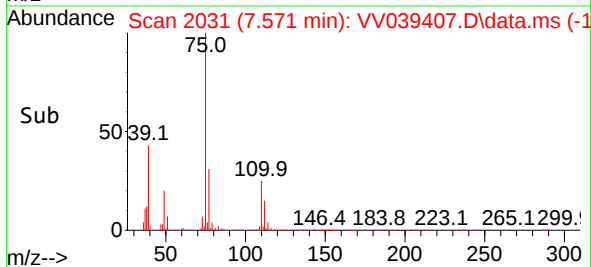
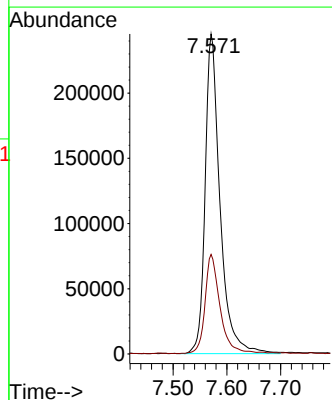
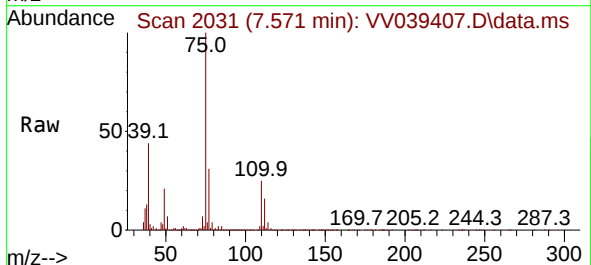
Instrument :
MSVOA_V
ClientSampleId :
VSTD010263

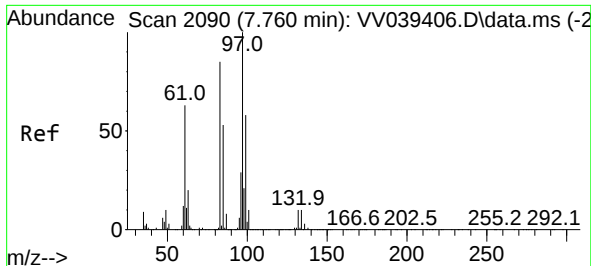
Tgt Ion: 91 Resp: 1616620
Ion Ratio Lower Upper
91 100
92 58.7 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 11.954 ug/L
RT: 7.571 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

Tgt Ion: 75 Resp: 471391
Ion Ratio Lower Upper
75 100
77 31.1 22.9 42.5

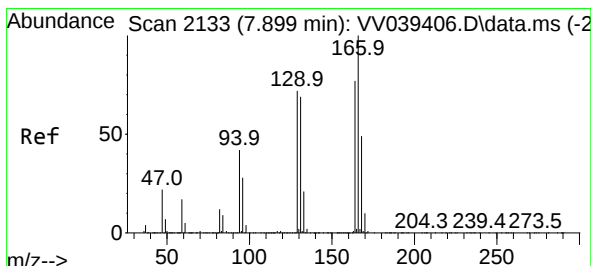
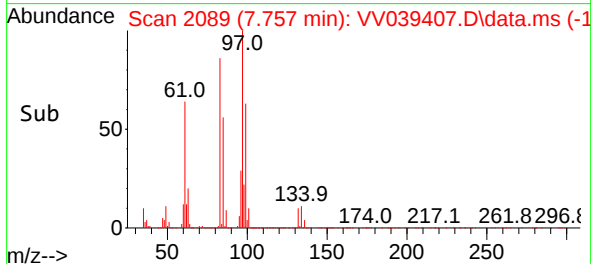
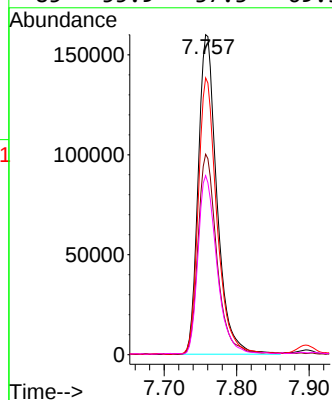
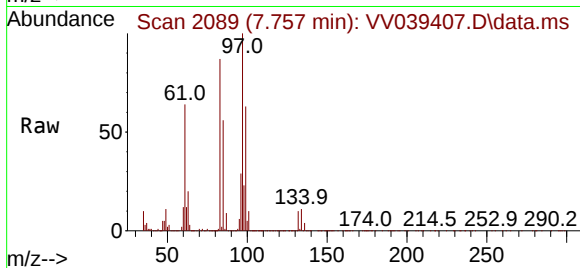




#45
1,1,2-Trichloroethane
Concen: 11.266 ug/L
RT: 7.757 min Scan# 2090
Delta R.T. -0.003 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

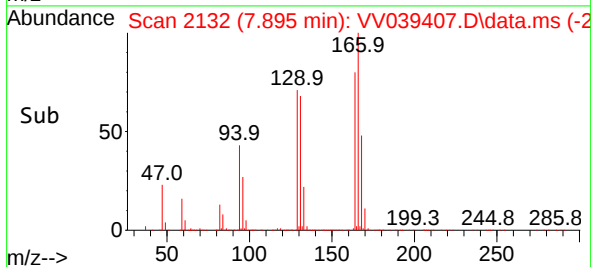
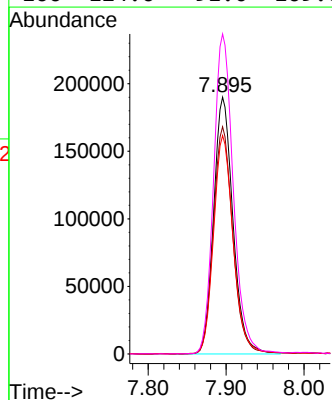
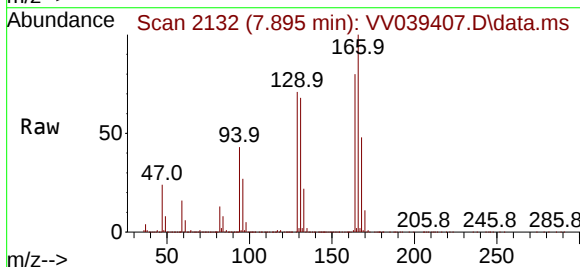
Instrument :
MSVOA_V
ClientSampleId :
VSTD010263

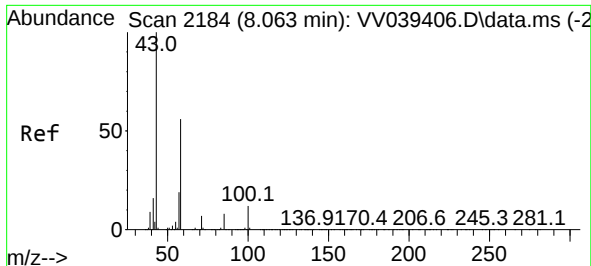
Tgt Ion:	97	Resp:	286558
Ion	Ratio	Lower	Upper
97	100		
99	62.7	40.8	75.8
83	86.5	59.8	111.1
85	55.9	37.3	69.3



#47
Tetrachloroethene
Concen: 12.174 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.003 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

Tgt Ion:	164	Resp:	327594
Ion	Ratio	Lower	Upper
164	100		
129	88.4	65.8	122.2
131	85.0	62.6	116.2
166	124.6	91.0	169.0



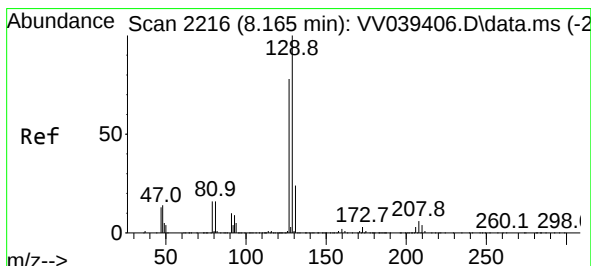
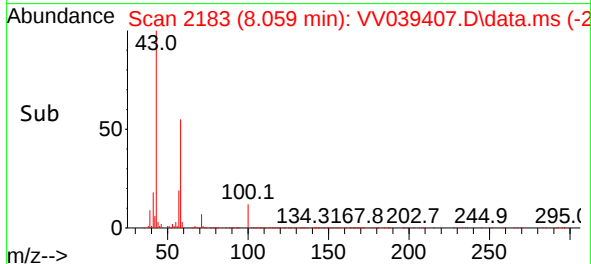
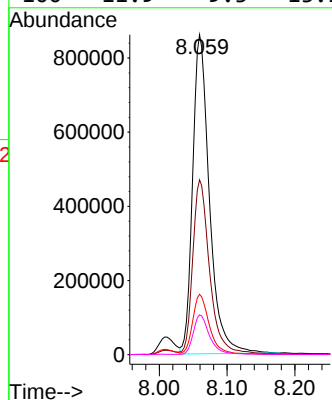
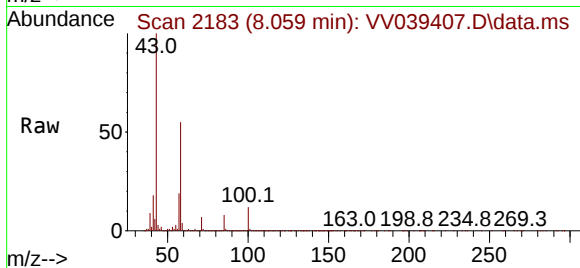


#48
2-Hexanone
Concen: 134.916 ug/L
RT: 8.059 min Scan# 2183
Delta R.T. -0.003 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

Instrument :
MSVOA_V
ClientSampleId :
VSTD010263

Tgt Ion: 43 Resp: 1482859

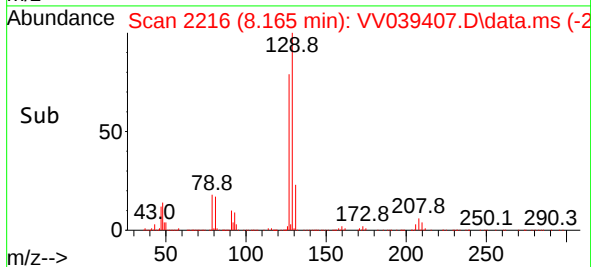
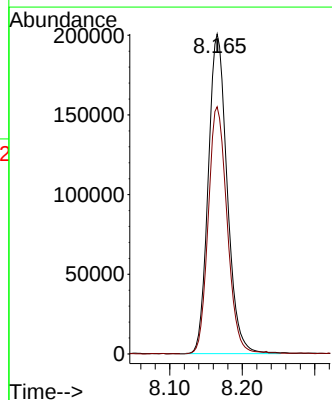
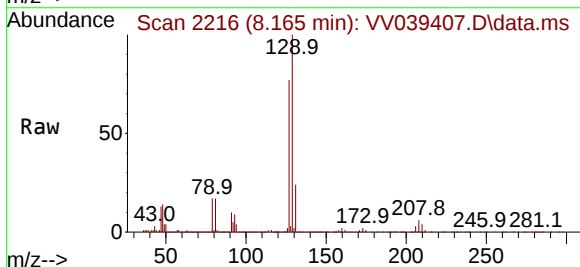
Ion	Ratio	Lower	Upper
43	100		
58	54.8	43.4	65.2
57	19.0	15.0	22.6
100	11.9	9.3	13.9

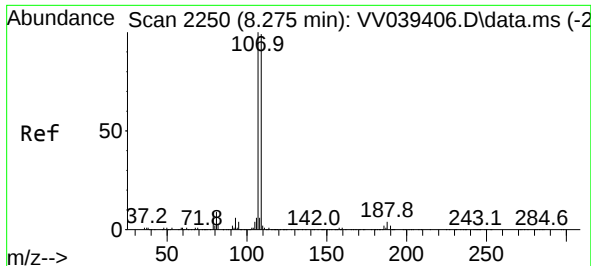


#49
Dibromochloromethane
Concen: 12.598 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

Tgt Ion: 129 Resp: 363036

Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.6	101.4

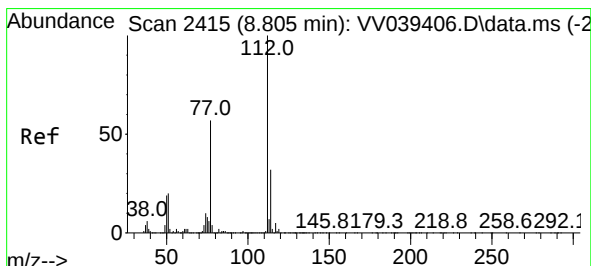
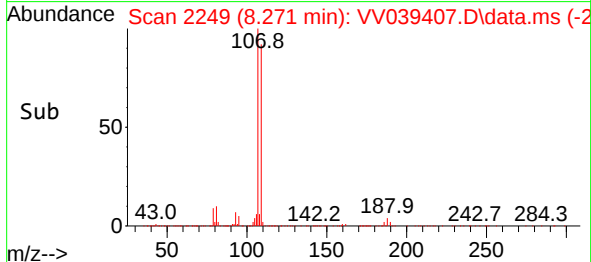
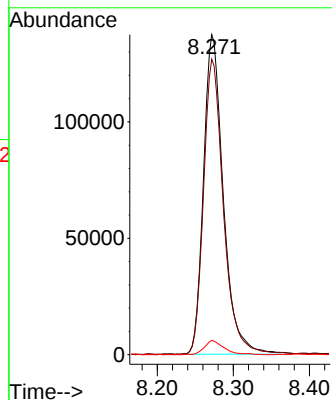
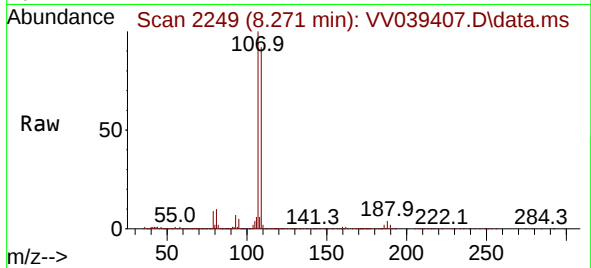




#50
1,2-Dibromoethane
Concen: 11.257 ug/L
RT: 8.271 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

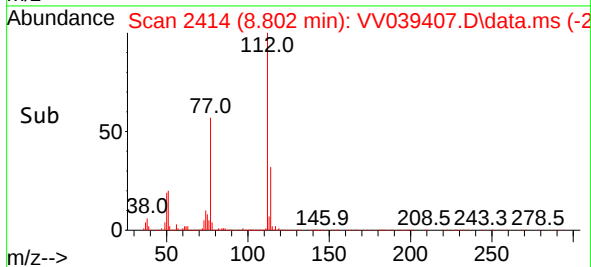
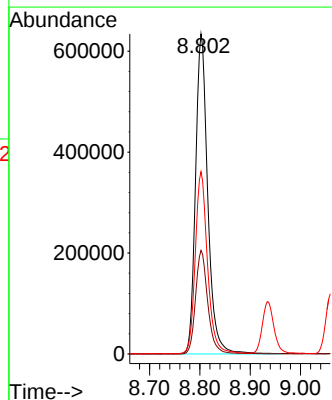
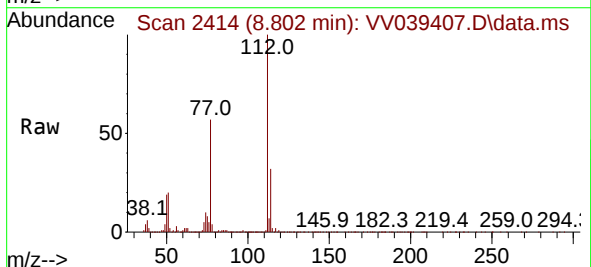
Instrument :
MSVOA_V
ClientSampleId :
VSTD010263

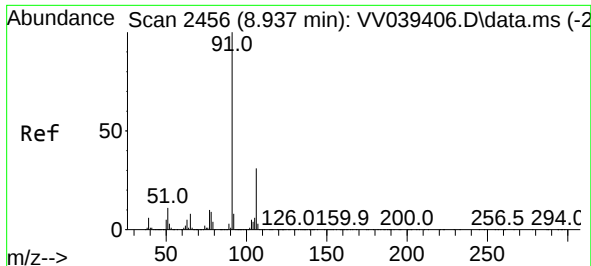
Tgt Ion:107 Resp: 247875
Ion Ratio Lower Upper
107 100
109 92.4 69.1 128.3
188 4.4 3.6 5.4



#51
Chlorobenzene
Concen: 11.949 ug/L
RT: 8.802 min Scan# 2414
Delta R.T. -0.003 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

Tgt Ion:112 Resp: 1069045
Ion Ratio Lower Upper
112 100
114 32.3 22.3 41.3
77 56.9 45.3 67.9

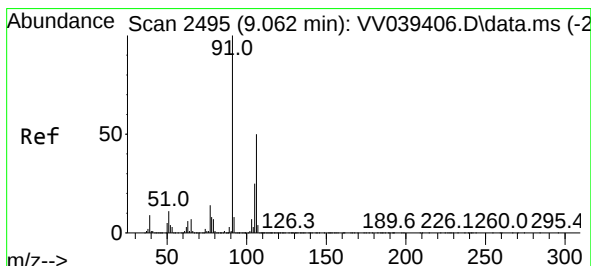
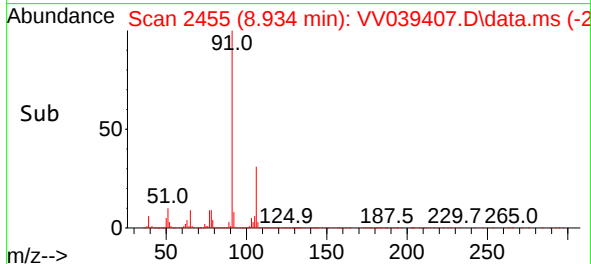
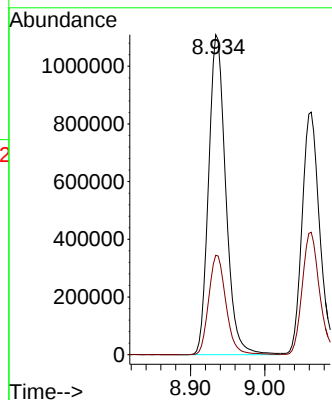
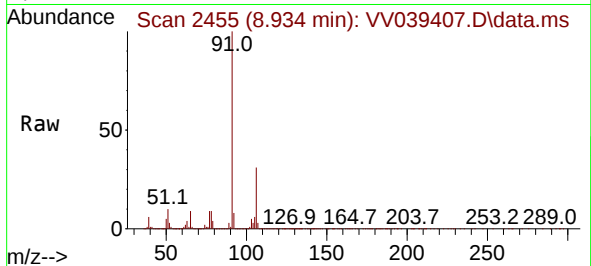




#52
Ethylbenzene
Concen: 12.736 ug/L
RT: 8.934 min Scan# 2455
Delta R.T. -0.003 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

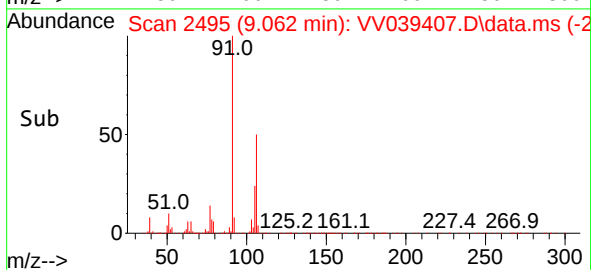
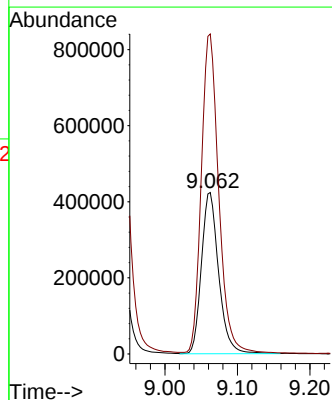
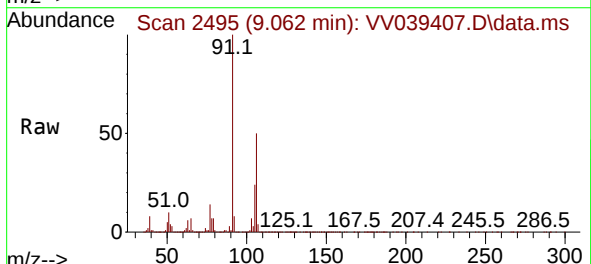
Instrument :
MSVOA_V
ClientSampleId :
VSTD010263

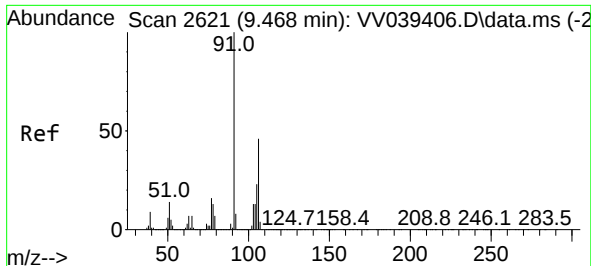
Tgt Ion: 91 Resp: 1776027
Ion Ratio Lower Upper
91 100
106 31.1 21.3 39.6



#53
m,p-Xylene
Concen: 13.191 ug/L
RT: 9.062 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

Tgt Ion: 106 Resp: 696672
Ion Ratio Lower Upper
106 100
91 198.1 139.6 259.2

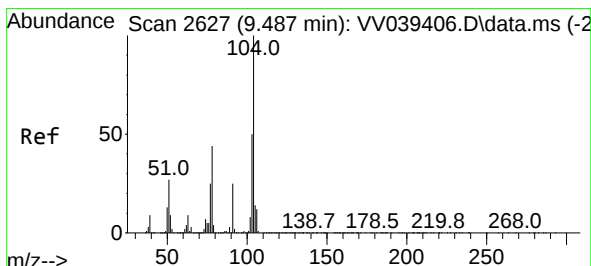
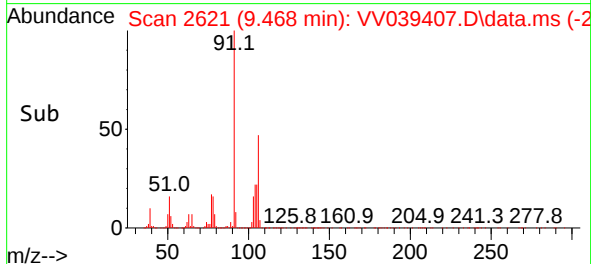
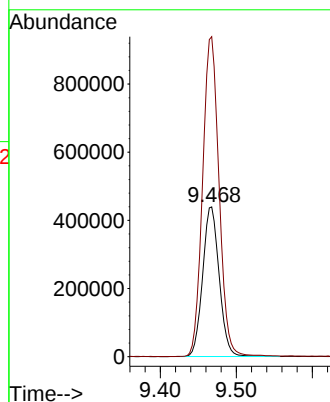
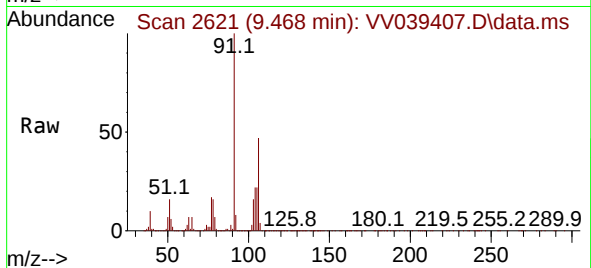




#54
o-Xylene
Concen: 13.228 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

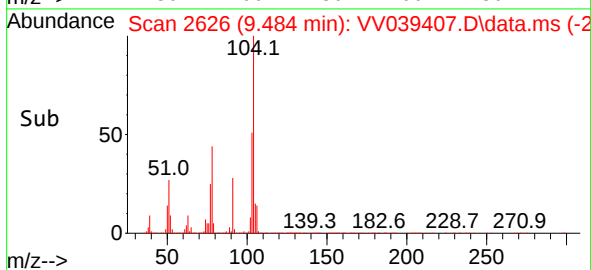
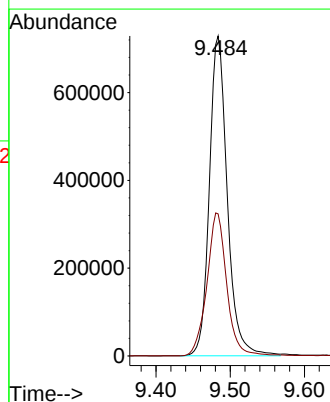
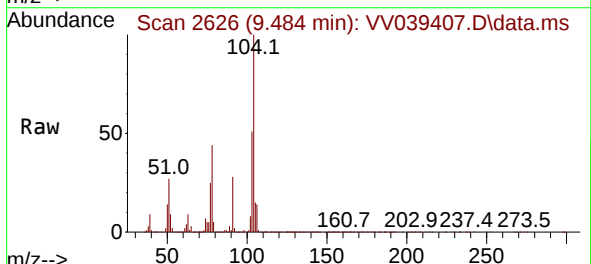
Instrument :
MSVOA_V
ClientSampleId :
VSTD010263

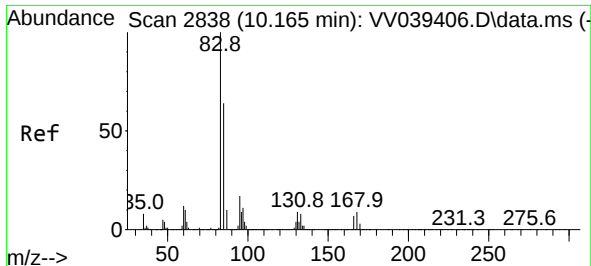
Tgt Ion:106 Resp: 663049
Ion Ratio Lower Upper
106 100
91 213.7 152.5 283.1



#55
Styrene
Concen: 14.129 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.003 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

Tgt Ion:104 Resp: 1220842
Ion Ratio Lower Upper
104 100
78 44.4 30.6 56.8

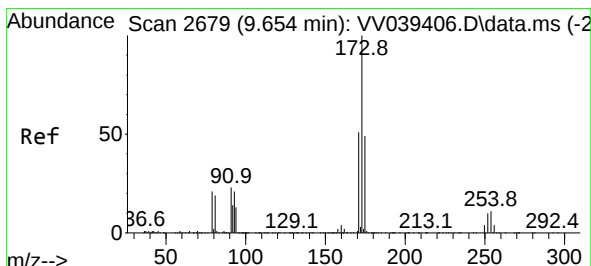
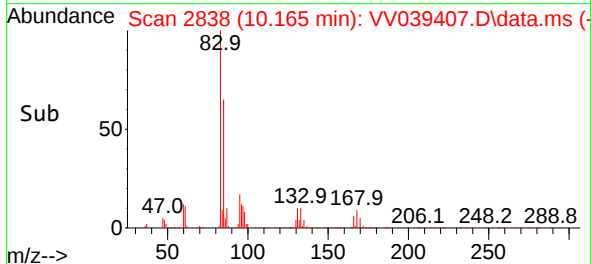
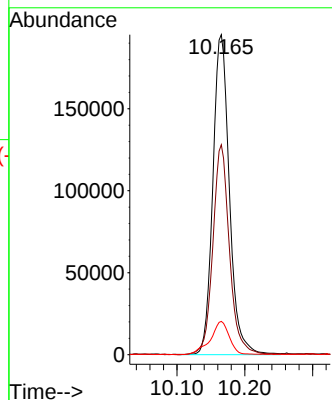
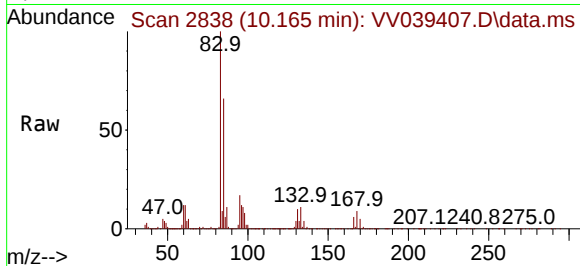




#57
 1,1,2,2-Tetrachloroethane
 Concen: 11.358 ug/L
 RT: 10.165 min Scan# 2838
 Delta R.T. 0.000 min
 Lab File: VV039407.D
 Acq: 19 Nov 2025 11:24

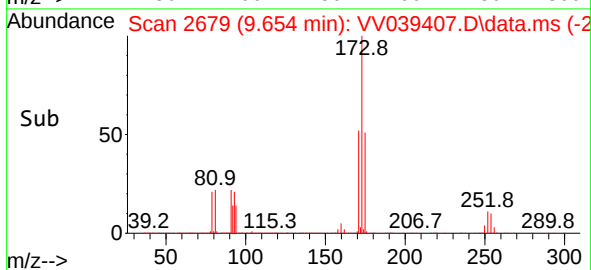
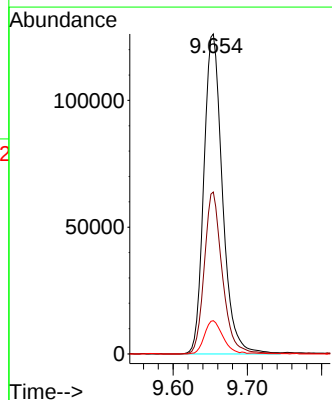
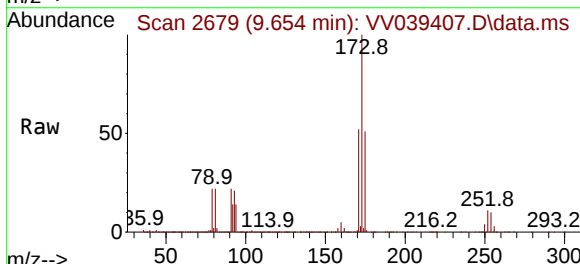
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010263

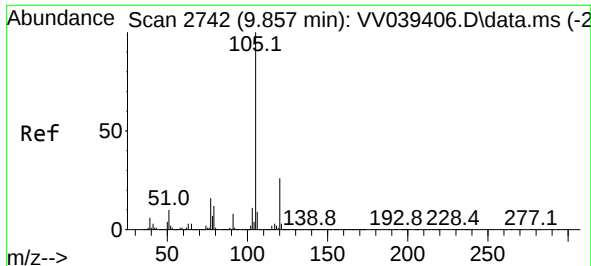
Tgt Ion: 83 Resp: 331175
 Ion Ratio Lower Upper
 83 100
 85 65.6 45.3 84.1
 131 10.4 7.8 11.8



#59
 Bromoform
 Concen: 10.998 ug/L
 RT: 9.654 min Scan# 2679
 Delta R.T. 0.000 min
 Lab File: VV039407.D
 Acq: 19 Nov 2025 11:24

Tgt Ion: 173 Resp: 219403
 Ion Ratio Lower Upper
 173 100
 175 49.1 40.2 60.4
 254 10.4 9.1 13.7

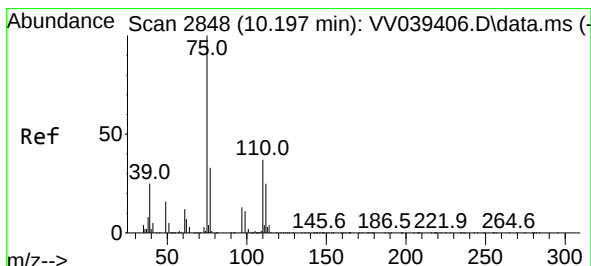
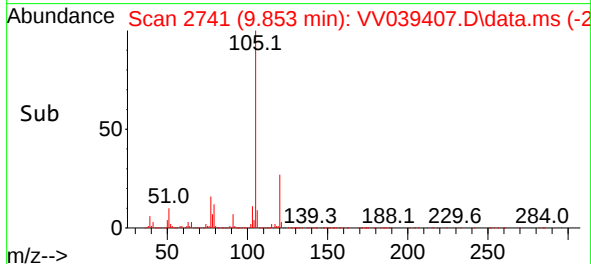
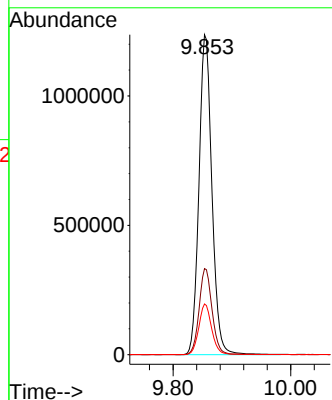
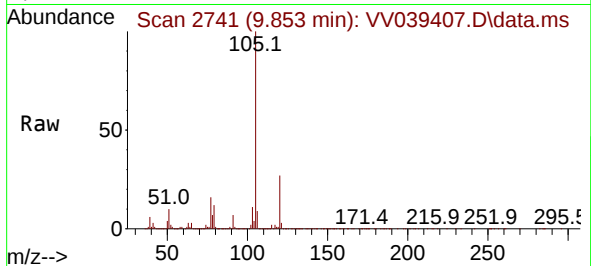




#60
Isopropylbenzene
Concen: 10.494 ug/L
RT: 9.853 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

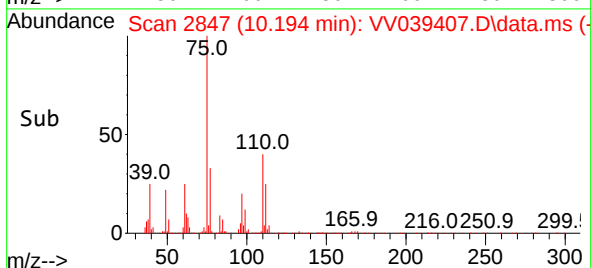
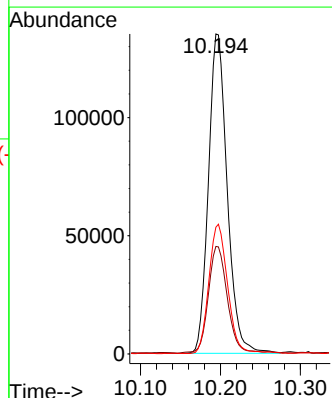
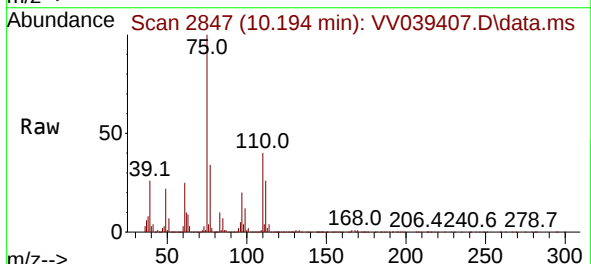
Instrument :
MSVOA_V
ClientSampleId :
VSTD010263

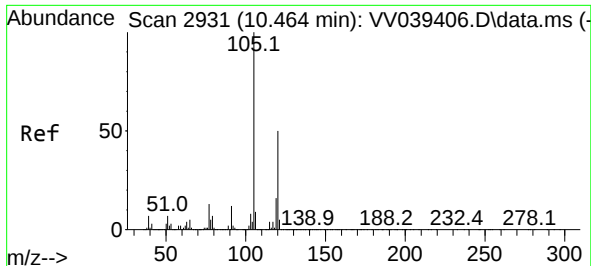
Tgt Ion:105 Resp: 1887752
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.2
77 15.7 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 8.645 ug/L
RT: 10.194 min Scan# 2847
Delta R.T. -0.003 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

Tgt Ion: 75 Resp: 221090
Ion Ratio Lower Upper
75 100
77 33.7 25.2 37.8
110 40.6 30.8 46.2

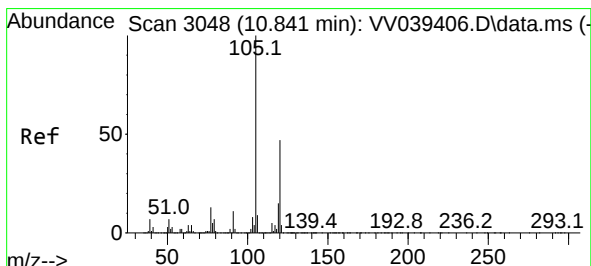
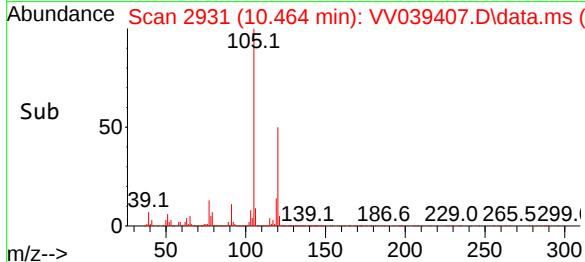
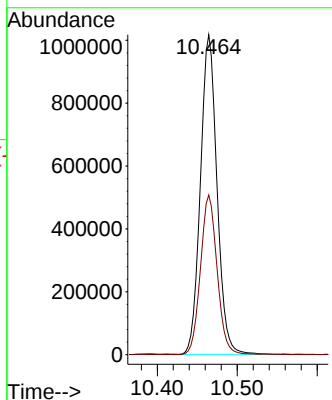
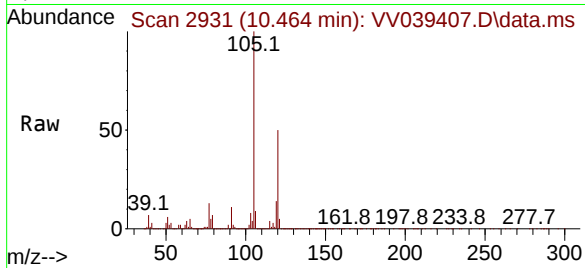




#62
 1,3,5-Trimethylbenzene
 Concen: 10.632 ug/L
 RT: 10.464 min Scan# 2931
 Delta R.T. 0.000 min
 Lab File: VV039407.D
 Acq: 19 Nov 2025 11:24

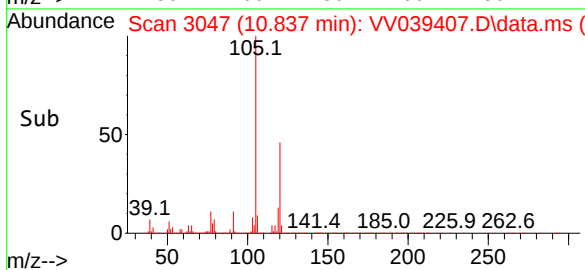
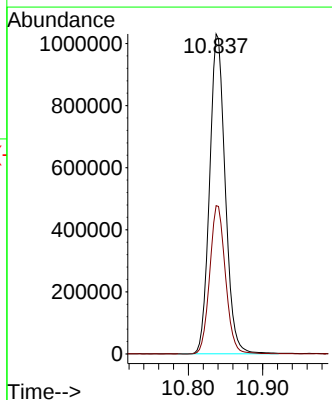
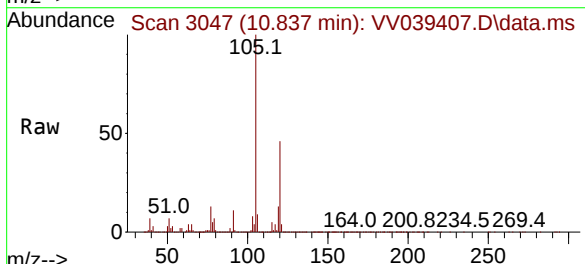
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010263

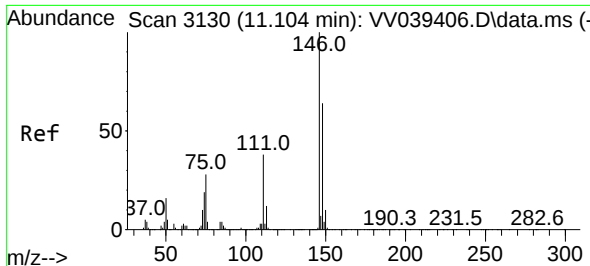
Tgt Ion:105 Resp: 1468231
 Ion Ratio Lower Upper
 105 100
 120 50.1 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 10.885 ug/L
 RT: 10.837 min Scan# 3047
 Delta R.T. -0.003 min
 Lab File: VV039407.D
 Acq: 19 Nov 2025 11:24

Tgt Ion:105 Resp: 1503718
 Ion Ratio Lower Upper
 105 100
 120 46.8 36.8 55.2

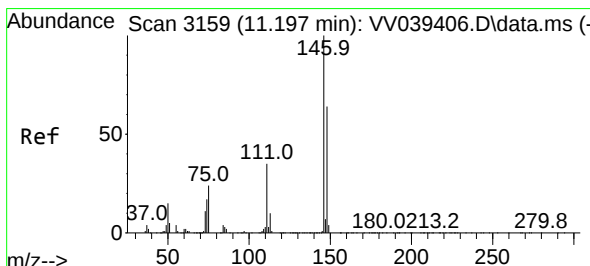
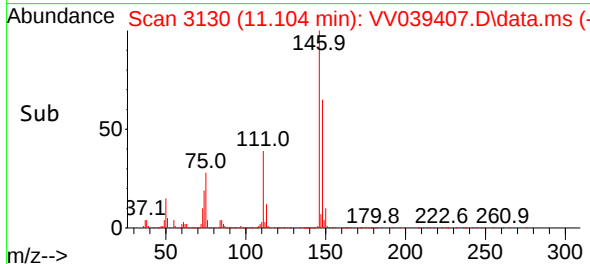
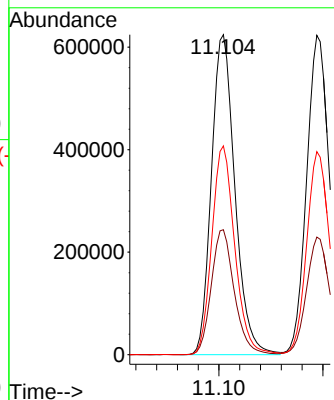
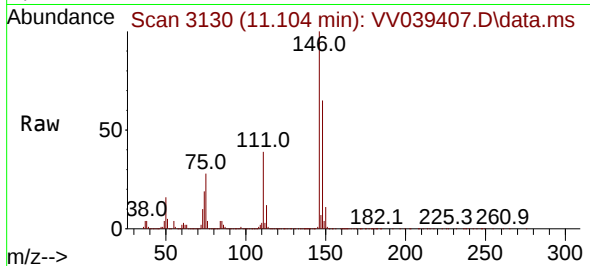




#64
1,3-Dichlorobenzene
Concen: 11.016 ug/L
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

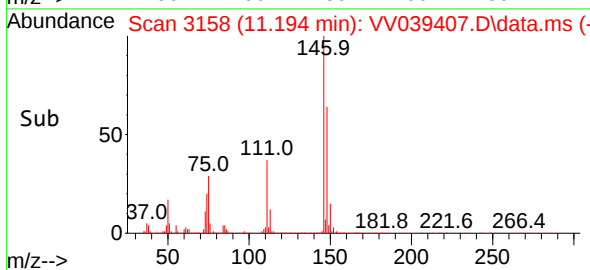
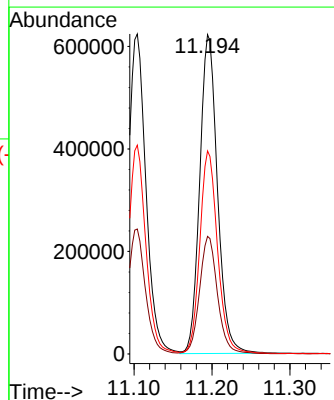
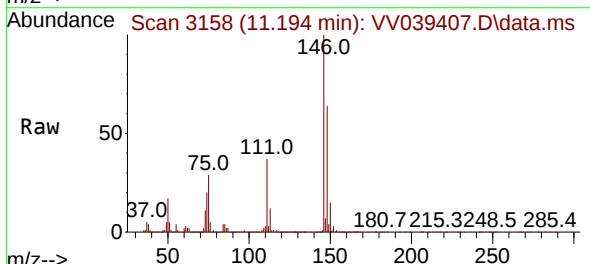
Instrument :
MSVOA_V
ClientSampleId :
VSTD010263

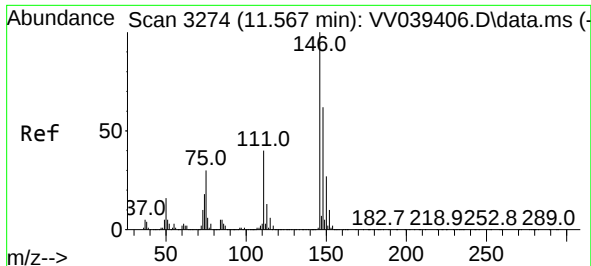
Tgt Ion:146 Resp: 978889
Ion Ratio Lower Upper
146 100
111 39.1 26.6 49.4
148 65.3 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 10.533 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. -0.003 min
Lab File: VV039407.D
Acq: 19 Nov 2025 11:24

Tgt Ion:146 Resp: 984581
Ion Ratio Lower Upper
146 100
111 36.8 24.6 45.6
148 63.6 44.9 83.3

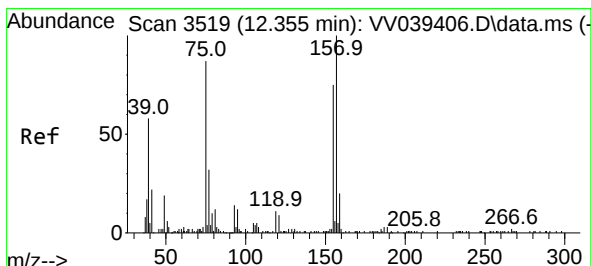
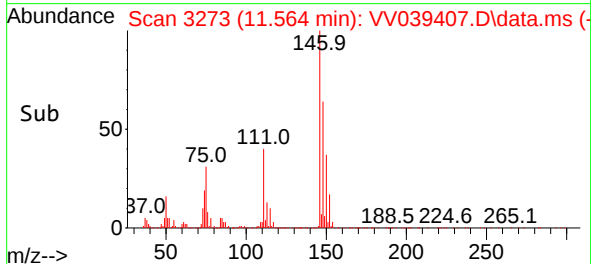
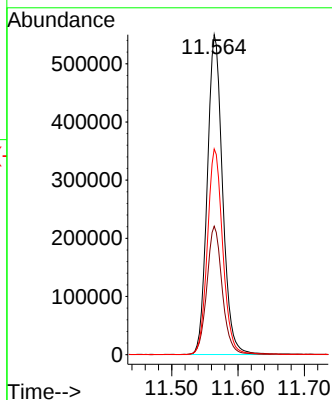
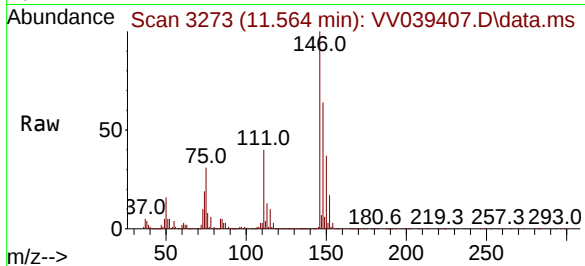




#67
 1,2-Dichlorobenzene
 Concen: 10.802 ug/L
 RT: 11.564 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV039407.D
 Acq: 19 Nov 2025 11:24

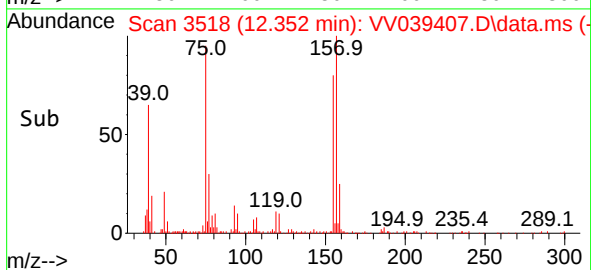
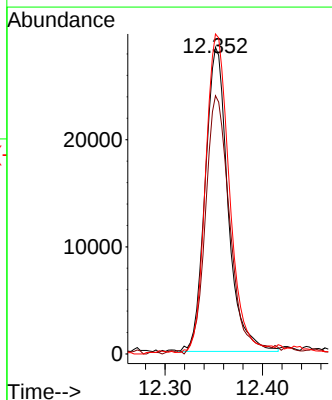
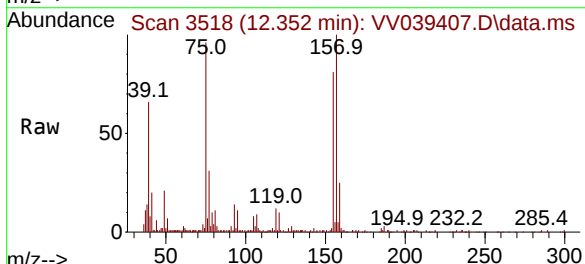
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010263

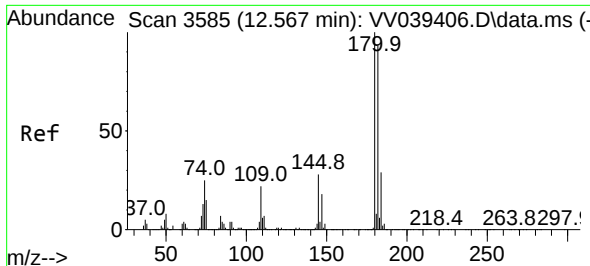
Tgt Ion:146 Resp: 879756
 Ion Ratio Lower Upper
 146 100
 111 40.2 31.7 47.5
 148 64.3 49.8 74.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 8.348 ug/L
 RT: 12.352 min Scan# 3518
 Delta R.T. -0.003 min
 Lab File: VV039407.D
 Acq: 19 Nov 2025 11:24

Tgt Ion: 75 Resp: 46279
 Ion Ratio Lower Upper
 75 100
 155 84.2 69.5 104.3
 157 104.3 92.0 138.0

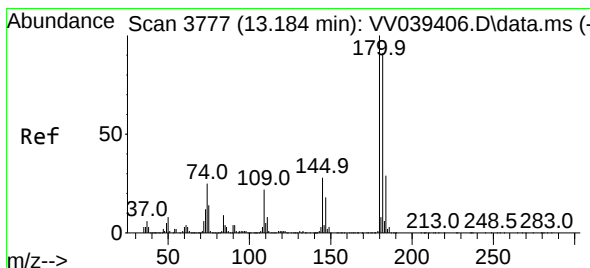
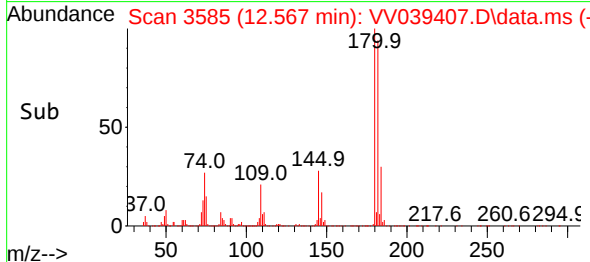
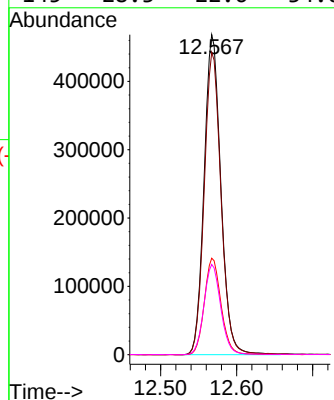
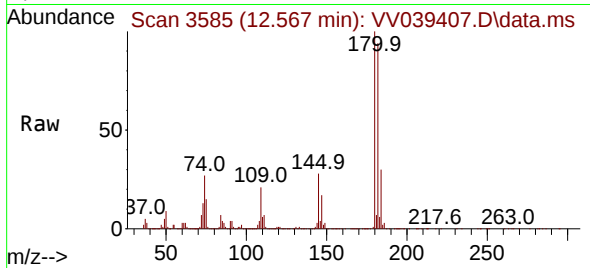




#69
 1,3,5-Trichlorobenzene
 Concen: 12.129 ug/L
 RT: 12.567 min Scan# 3585
 Delta R.T. 0.000 min
 Lab File: VV039407.D
 Acq: 19 Nov 2025 11:24

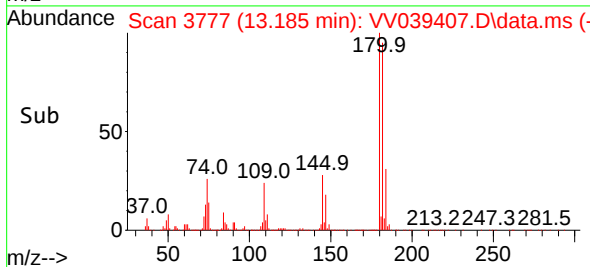
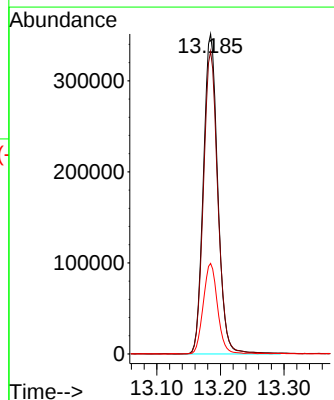
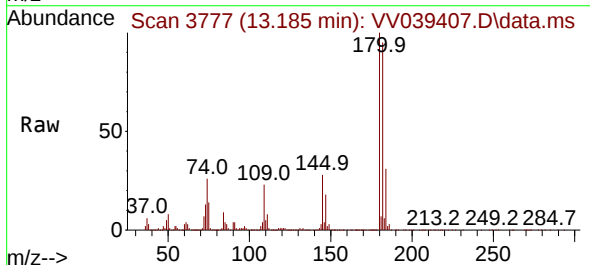
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010263

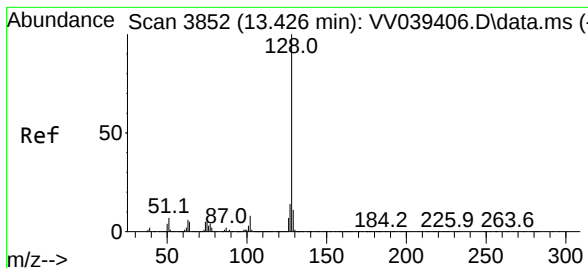
Tgt Ion:	180	Resp:	717440
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.9	115.3
184	30.1	24.3	36.5
145	28.3	22.6	34.0



#70
 1,2,4-trichlorobenzene
 Concen: 11.857 ug/L
 RT: 13.185 min Scan# 3777
 Delta R.T. 0.000 min
 Lab File: VV039407.D
 Acq: 19 Nov 2025 11:24

Tgt Ion:	180	Resp:	552061
Ion Ratio	Lower	Upper	
180	100		
182	94.7	74.6	111.8
145	28.1	23.3	34.9





#71

Naphthalene

Concen: 10.158 ug/L

RT: 13.426 min Scan# 3852

Delta R.T. 0.000 min

Lab File: VV039407.D

Acq: 19 Nov 2025 11:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD010263

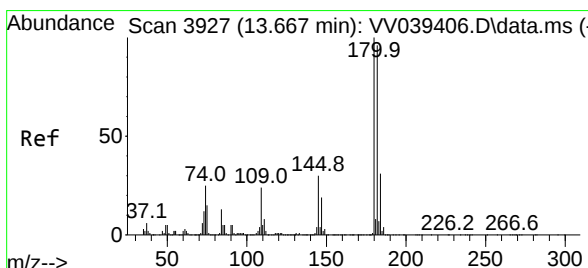
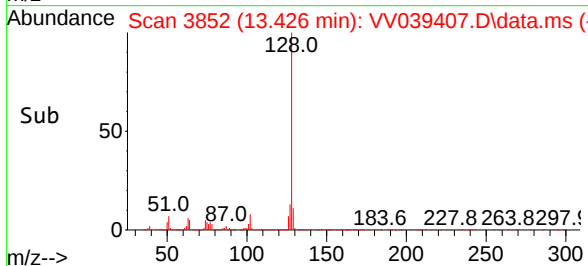
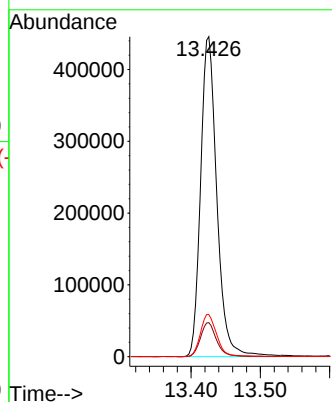
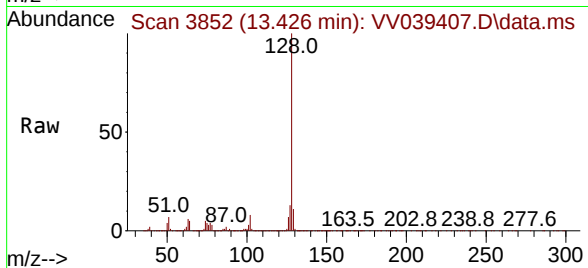
Tgt Ion:128 Resp: 725484

Ion Ratio Lower Upper

128 100

129 10.5 8.6 12.8

127 13.4 11.3 16.9



#72

1,2,3-Trichlorobenzene

Concen: 12.118 ug/L

RT: 13.664 min Scan# 3926

Delta R.T. -0.003 min

Lab File: VV039407.D

Acq: 19 Nov 2025 11:24

Tgt Ion:180 Resp: 510962

Ion Ratio Lower Upper

180 100

182 95.7 75.4 113.0

145 30.6 24.6 36.8

