

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111925\
 Data File : VV039409.D
 Acq On : 19 Nov 2025 12:30
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV265

Quant Time: Nov 20 03:50:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 03:43:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	343751	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	366605	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	258591	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	224300	4.748	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.545	69	193132	4.668	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.069	65	101225	4.720	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	3.786	46	381560	49.695	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.380%
24) Chloroform-d	4.249	84	472465	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	4.940	65	211689	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	4.956	84	883552	5.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	5.982	67	298507	5.679	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.600%
41) Toluene-d8	7.233	98	846914	5.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
43) trans-1,3-Dichloroprop...	7.548	79	94710	5.049	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.011	63	292112	51.767	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.540%
56) 1,1,2,2-Tetrachloroeth...	10.140	84	175512	4.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.548	152	273648	5.001	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	179341	4.841	ug/L	98
3) Chloromethane	1.227	50	129042	4.713	ug/L	100
5) Vinyl chloride	1.297	62	154547	4.842	ug/L	99
6) Bromomethane	1.500	94	92017	4.997	ug/L	97
8) Chloroethane	1.561	64	109232	4.670	ug/L	100
9) Trichlorofluoromethane	1.725	101	297405	4.777	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	194983	4.763	ug/L	99
12) 1,1-Dichloroethene	2.082	96	142886	4.884	ug/L	96
13) Acetone	2.117	43	267403	46.426	ug/L	99
14) Carbon disulfide	2.252	76	226093	4.663	ug/L	98
15) Methyl Acetate	2.387	43	63612	5.018	ug/L	97
16) Methylene chloride	2.455	84	236387	5.584	ug/L	94
17) Methyl tert-butyl Ether	2.709	73	360765	5.127	ug/L	98
18) trans-1,2-Dichloroethene	2.706	96	149346	4.811	ug/L	98
19) 1,1-Dichloroethane	3.117	63	380809	4.911	ug/L	97
21) 2-Butanone	3.863	43	372248	47.667	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	193447	5.113	ug/L	98
23) Bromochloromethane	4.149	128	86247	5.015	ug/L	97
25) Chloroform	4.275	83	405954	4.794	ug/L	99

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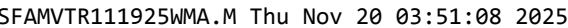
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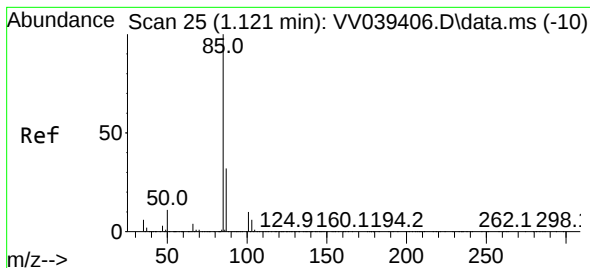
Quant Time: Nov 20 03:50:59 2025
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	218840	5.095	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	344635	5.047	ug/L	99
30) Cyclohexane	4.580	56	208647	5.356	ug/L	96
31) Carbon tetrachloride	4.731	117	299264	4.976	ug/L	97
33) Benzene	5.005	78	729060	5.411	ug/L	100
34) Trichloroethene	5.828	95	191758	5.189	ug/L	97
35) Methylcyclohexane	6.043	83	219515	5.293	ug/L	99
37) 1,2-Dichloropropane	6.085	63	206834	5.179	ug/L	98
38) Bromodichloromethane	6.426	83	277528	5.005	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	271578	5.357	ug/L	96
40) 4-Methyl-2-pentanone	7.143	43	1002578	56.525	ug/L	100
42) Toluene	7.307	91	800465	5.555	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	234307	5.193	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	142396	4.865	ug/L	95
47) Tetrachloroethene	7.895	164	170148	5.128	ug/L	94
48) 2-Hexanone	8.062	43	730043	55.421	ug/L	98
49) Dibromochloromethane	8.165	129	181938	4.909	ug/L	99
50) 1,2-Dibromoethane	8.275	107	126962	5.175	ug/L	99
51) Chlorobenzene	8.802	112	552119	5.309	ug/L	98
52) Ethylbenzene	8.934	91	845988	5.421	ug/L	100
53) m,p-Xylene	9.062	106	330261	5.510	ug/L	98
54) o-Xylene	9.468	106	315030	5.441	ug/L	97
55) Styrene	9.484	104	579483	5.651	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.165	83	171053	4.907	ug/L	98
59) Bromoform	9.654	173	110585	4.768	ug/L	99
60) Isopropylbenzene	9.853	105	905421	5.445	ug/L	99
61) 1,2,3-Trichloropropane	10.197	75	112098	4.839	ug/L	99
62) 1,3,5-Trimethylbenzene	10.464	105	664162	5.204	ug/L	100
63) 1,2,4-Trimethylbenzene	10.837	105	685310	5.415	ug/L	99
64) 1,3-Dichlorobenzene	11.104	146	482635	5.281	ug/L	99
65) 1,4-Dichlorobenzene	11.197	146	485989	5.156	ug/L	99
67) 1,2-Dichlorobenzene	11.564	146	433279	5.226	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.352	75	25209	4.645	ug/L	99
69) 1,3,5-Trichlorobenzene	12.567	180	355737	5.166	ug/L	99
70) 1,2,4-trichlorobenzene	13.184	180	263264	5.018	ug/L	97
71) Naphthalene	13.426	128	326719	5.053	ug/L	97
72) 1,2,3-Trichlorobenzene	13.667	180	234316	4.999	ug/L	99

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

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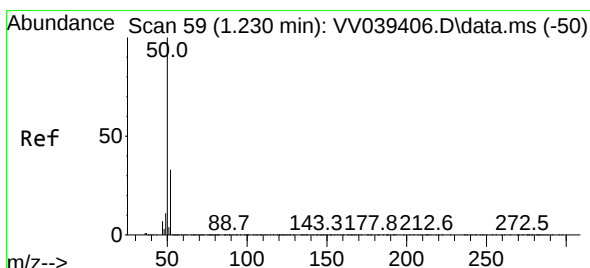
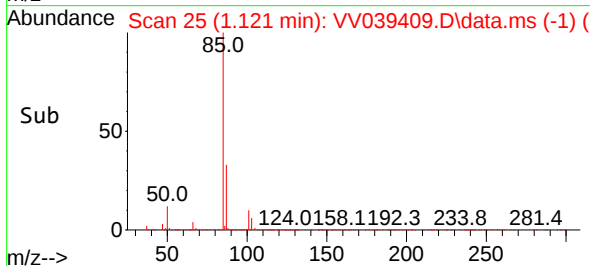
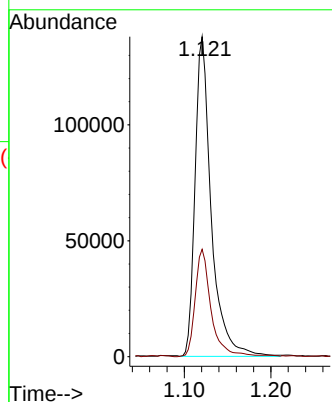
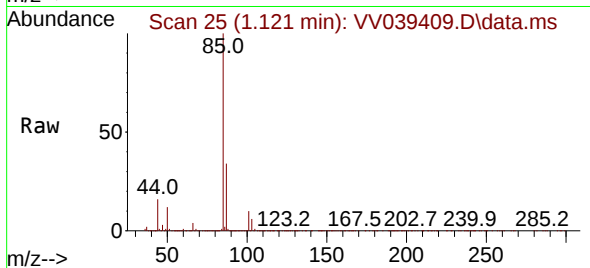




#2
Dichlorodifluoromethane
Concen: 4.841 ug/L
RT: 1.121 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

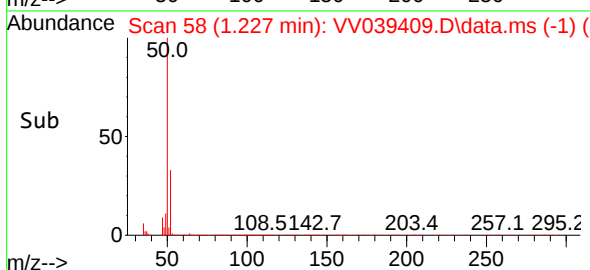
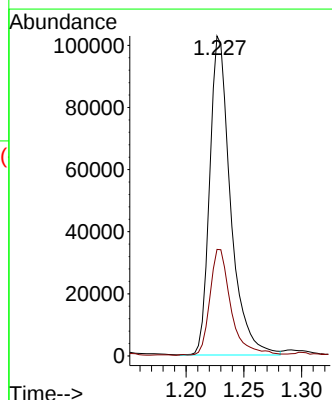
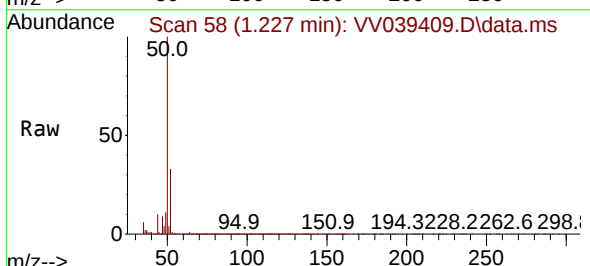
Instrument :
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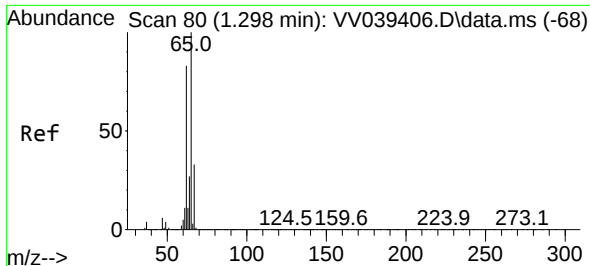
Tgt Ion: 85 Resp: 179341
Ion Ratio Lower Upper
85 100
87 33.4 25.8 38.8



#3
Chloromethane
Concen: 4.713 ug/L
RT: 1.227 min Scan# 58
Delta R.T. -0.003 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

Tgt Ion: 50 Resp: 129042
Ion Ratio Lower Upper
50 100
52 33.3 23.2 43.2

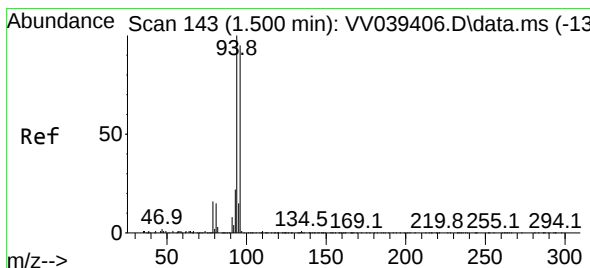
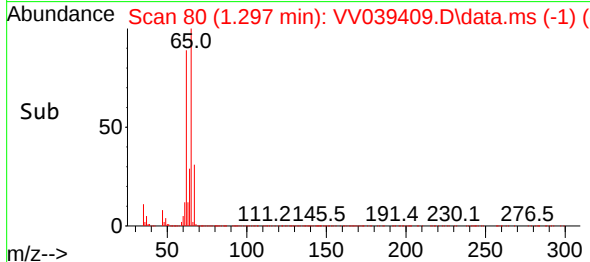
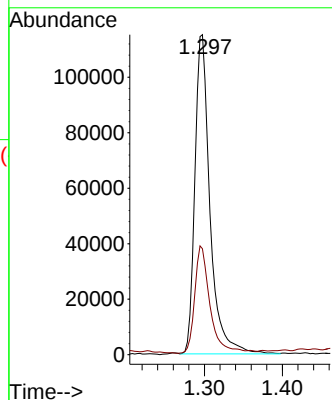
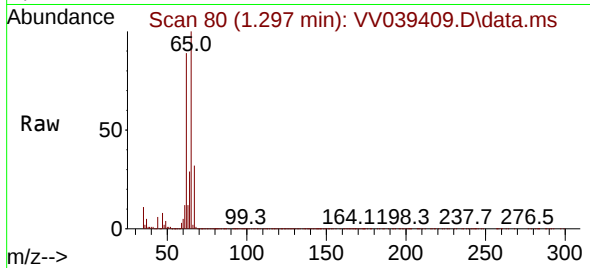




#5
 Vinyl chloride
 Concen: 4.842 ug/L
 RT: 1.297 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VV039409.D
 Acq: 19 Nov 2025 12:30

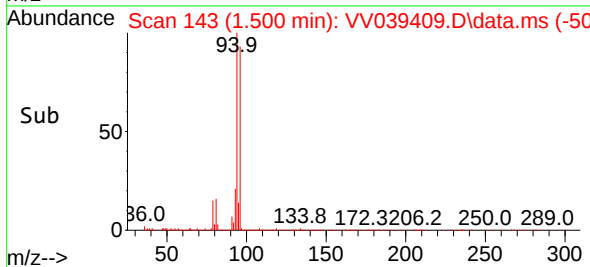
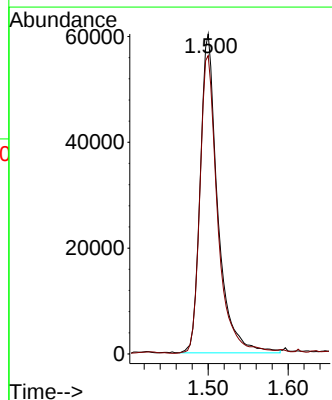
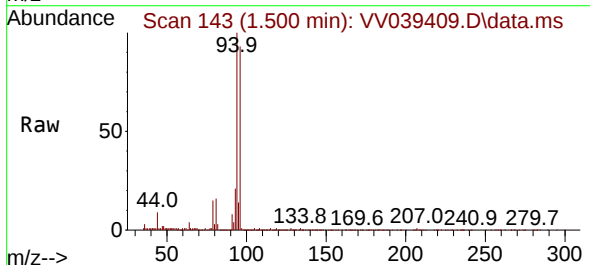
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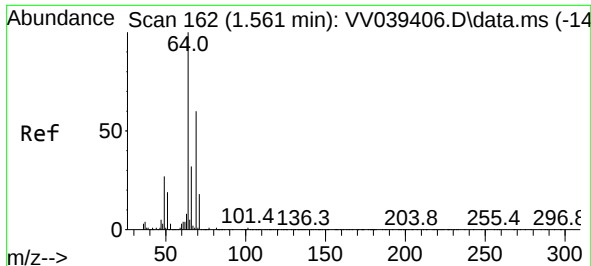
Tgt Ion: 62 Resp: 154547
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.7 44.1



#6
 Bromomethane
 Concen: 4.997 ug/L
 RT: 1.500 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VV039409.D
 Acq: 19 Nov 2025 12:30

Tgt Ion: 94 Resp: 92017
 Ion Ratio Lower Upper
 94 100
 96 93.2 67.2 124.8

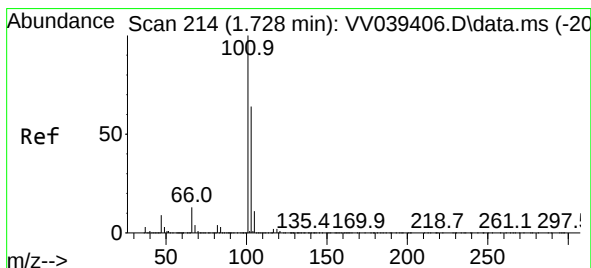
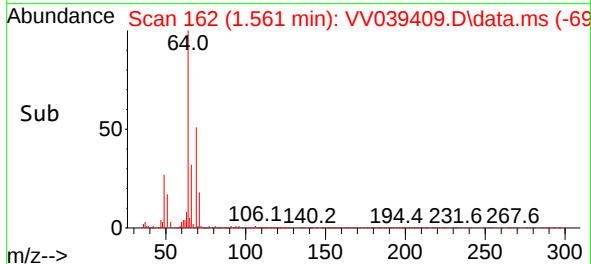
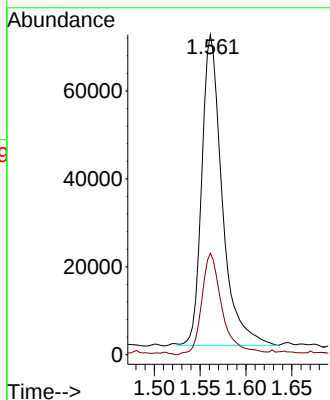
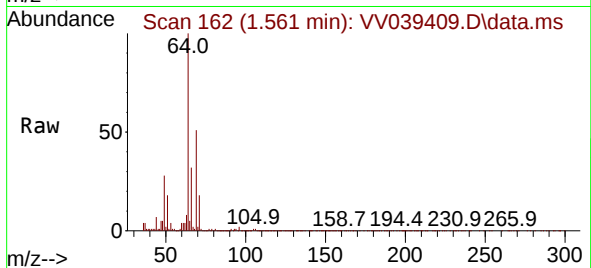




#8
Chloroethane
Concen: 4.670 ug/L
RT: 1.561 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

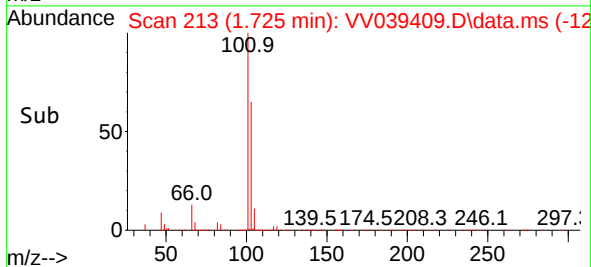
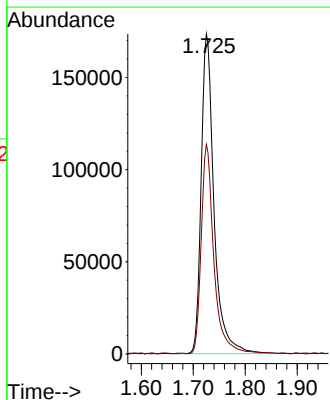
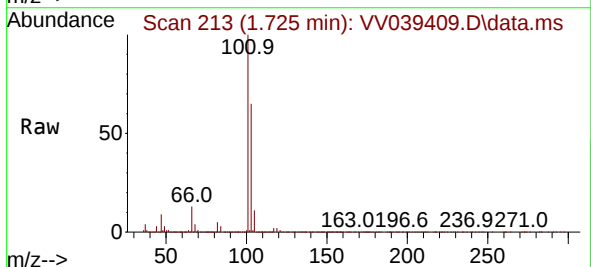
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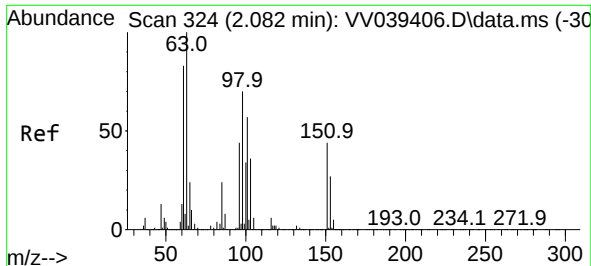
Tgt Ion: 64 Resp: 109232
Ion Ratio Lower Upper
64 100
66 31.7 22.0 41.0



#9
Trichlorofluoromethane
Concen: 4.777 ug/L
RT: 1.725 min Scan# 213
Delta R.T. -0.003 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

Tgt Ion: 101 Resp: 297405
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

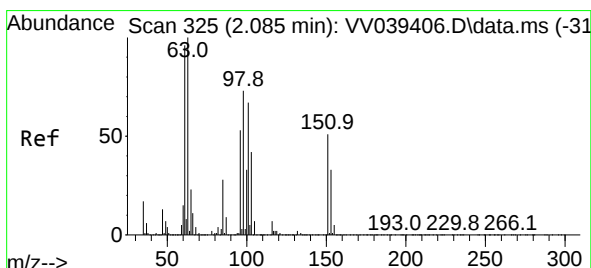
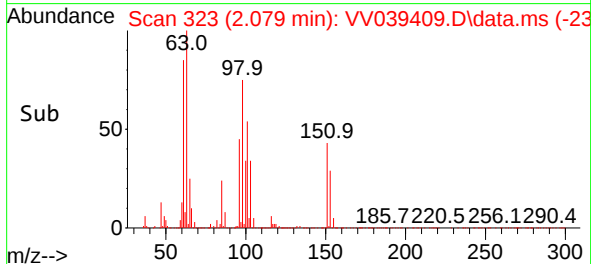
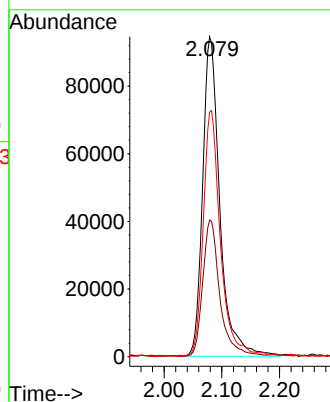
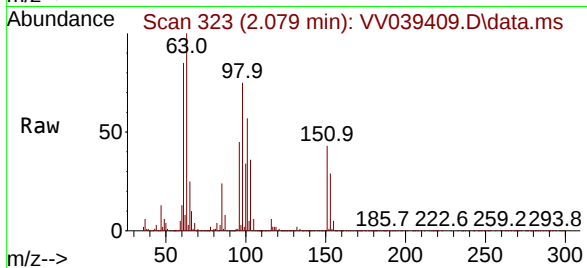




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.763 ug/L
 RT: 2.079 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV039409.D
 Acq: 19 Nov 2025 12:30

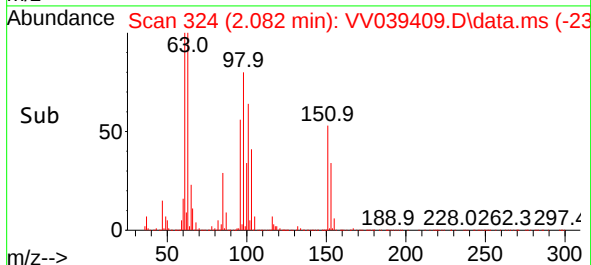
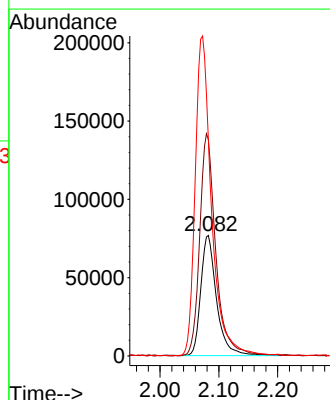
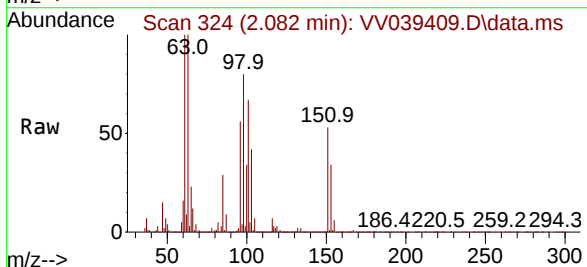
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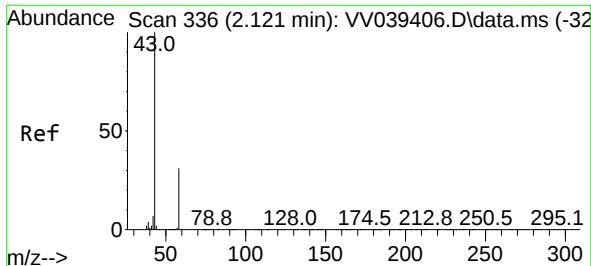
Tgt Ion:101 Resp: 194983
 Ion Ratio Lower Upper
 101 100
 85 41.8 34.0 51.0
 151 76.5 62.3 93.5



#12
 1,1-Dichloroethene
 Concen: 4.884 ug/L
 RT: 2.082 min Scan# 324
 Delta R.T. -0.003 min
 Lab File: VV039409.D
 Acq: 19 Nov 2025 12:30

Tgt Ion: 96 Resp: 142886
 Ion Ratio Lower Upper
 96 100
 61 179.6 127.7 237.1
 63 179.7 132.6 246.2

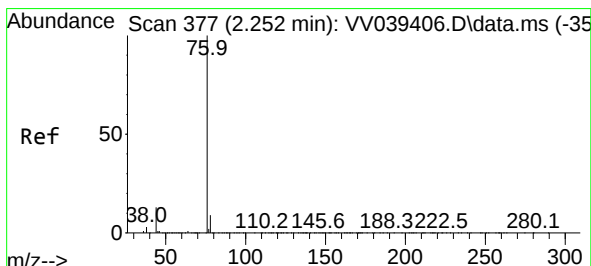
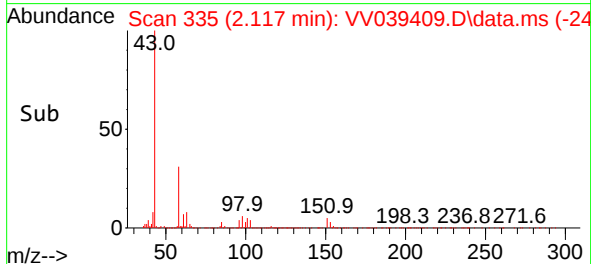
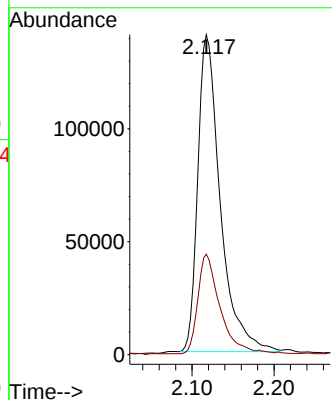
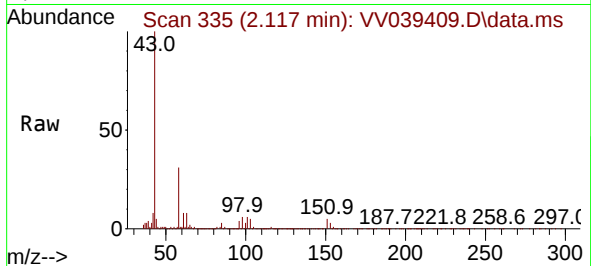




#13
Acetone
Concen: 46.426 ug/L
RT: 2.117 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

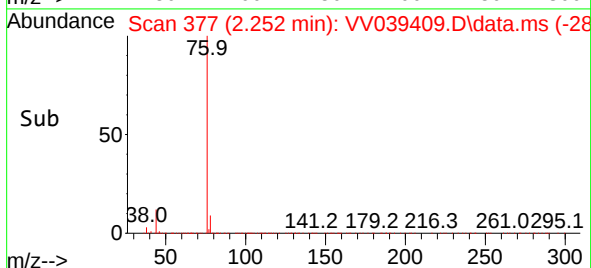
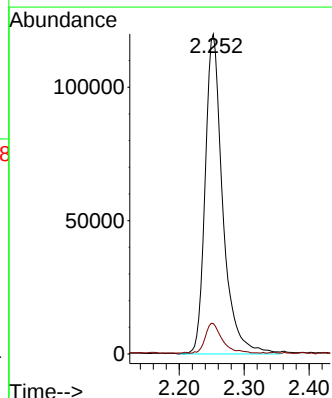
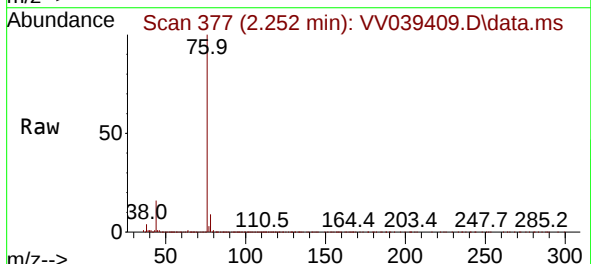
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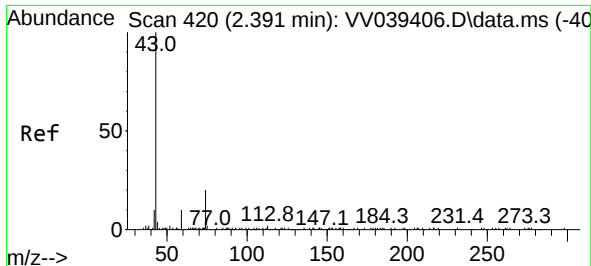
Tgt Ion: 43 Resp: 267403
Ion Ratio Lower Upper
43 100
58 30.4 0.0 60.0



#14
Carbon disulfide
Concen: 4.663 ug/L
RT: 2.252 min Scan# 377
Delta R.T. -0.000 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

Tgt Ion: 76 Resp: 226093
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

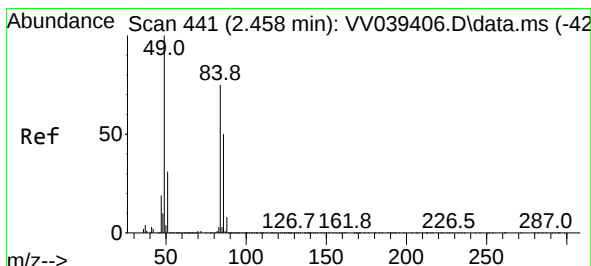
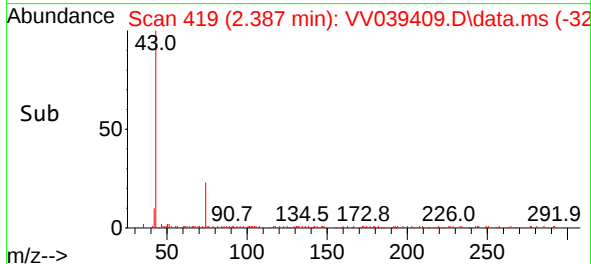
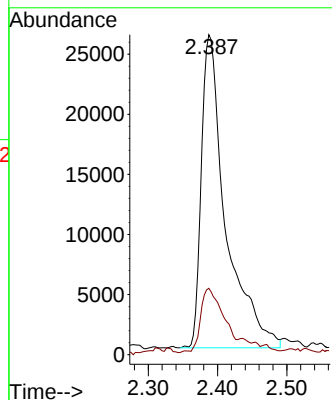
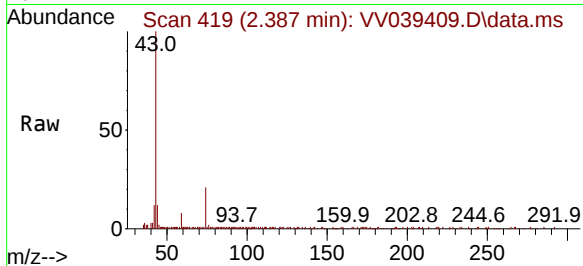




#15
Methyl Acetate
Concen: 5.018 ug/L
RT: 2.387 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

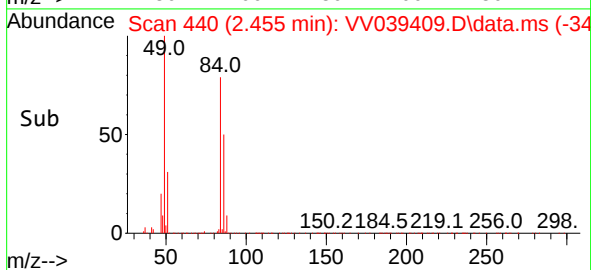
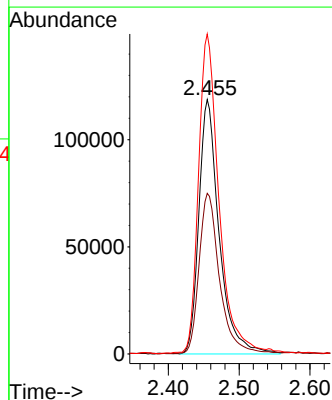
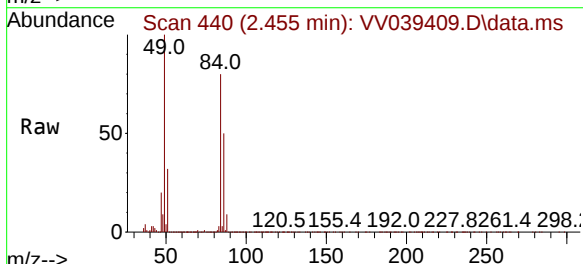
Instrument :
MSVOA_V
ClientSampleId :
VICV265

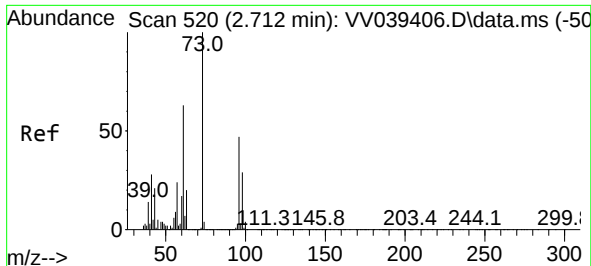
Tgt Ion: 43 Resp: 63612
Ion Ratio Lower Upper
43 100
74 19.3 14.5 21.7



#16
Methylene chloride
Concen: 5.584 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.003 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

Tgt Ion: 84 Resp: 236387
Ion Ratio Lower Upper
84 100
86 63.1 46.8 87.0
49 125.8 93.0 172.8





#17

Methyl tert-butyl Ether

Concen: 5.127 ug/L

RT: 2.709 min Scan# 519

Delta R.T. -0.003 min

Lab File: VV039409.D

Acq: 19 Nov 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

VICV265

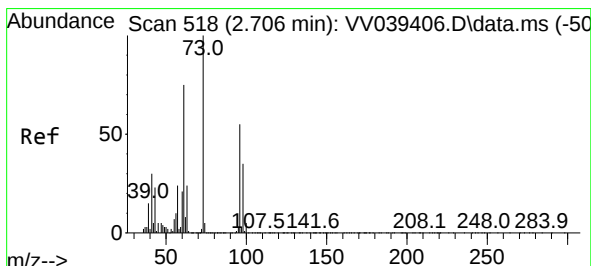
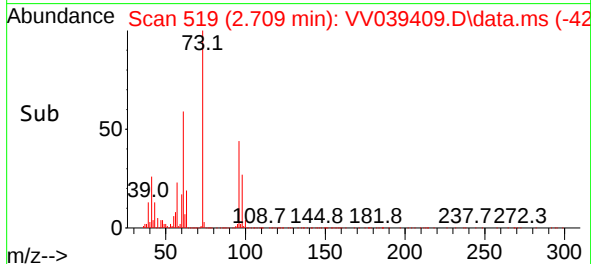
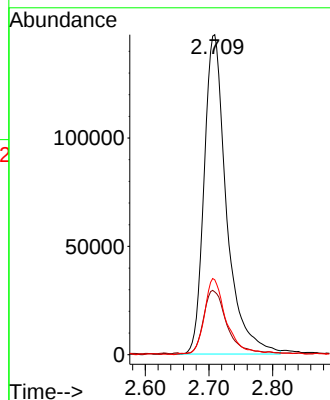
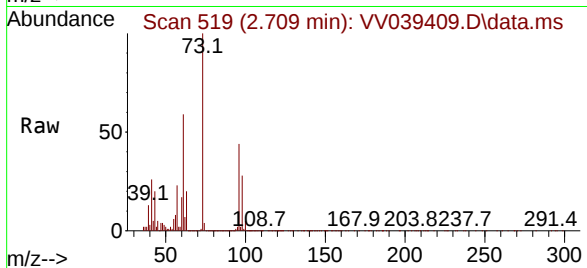
Tgt Ion: 73 Resp: 360765

Ion Ratio Lower Upper

73 100

43 20.5 17.4 26.2

57 23.2 18.8 28.2



#18

trans-1,2-Dichloroethene

Concen: 4.811 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.000 min

Lab File: VV039409.D

Acq: 19 Nov 2025 12:30

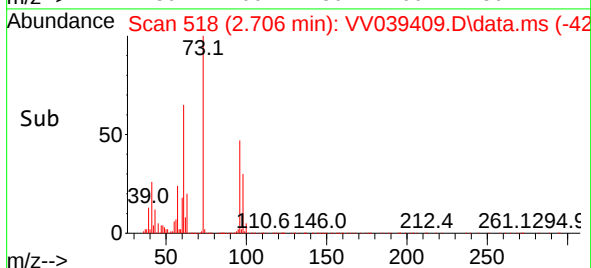
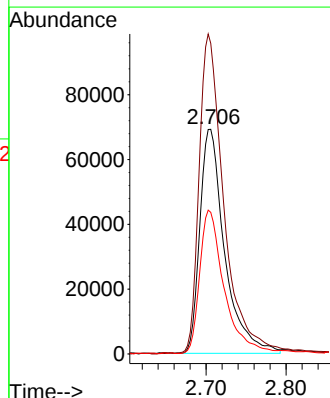
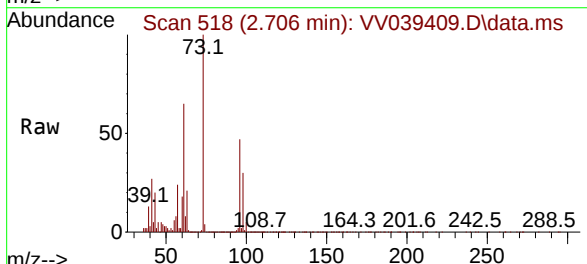
Tgt Ion: 96 Resp: 149346

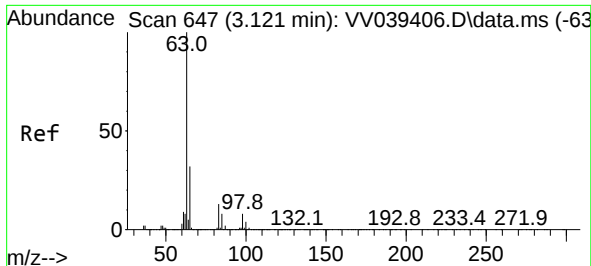
Ion Ratio Lower Upper

96 100

61 138.2 94.7 175.9

98 63.0 44.2 82.0





#19

1,1-Dichloroethane

Concen: 4.911 ug/L

RT: 3.117 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV039409.D

Acq: 19 Nov 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

VICV265

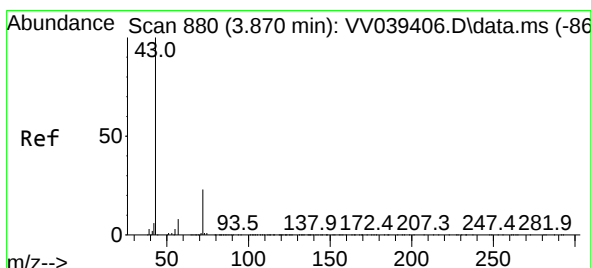
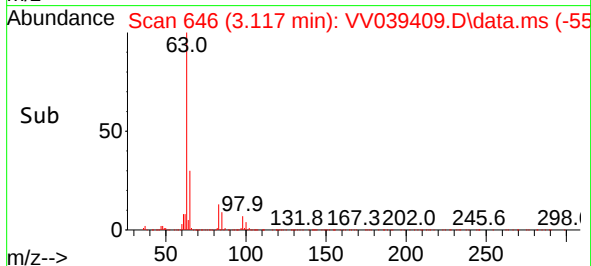
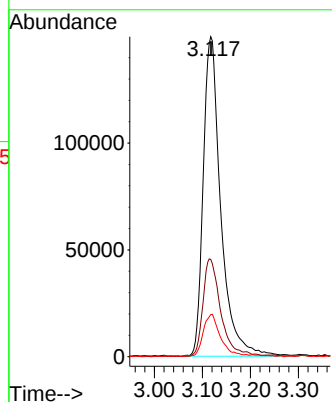
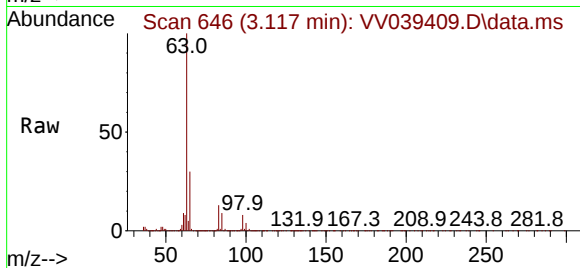
Tgt Ion: 63 Resp: 380809

Ion Ratio Lower Upper

63 100

65 30.4 22.9 42.5

83 13.1 9.2 17.2



#21

2-Butanone

Concen: 47.667 ug/L

RT: 3.863 min Scan# 878

Delta R.T. -0.006 min

Lab File: VV039409.D

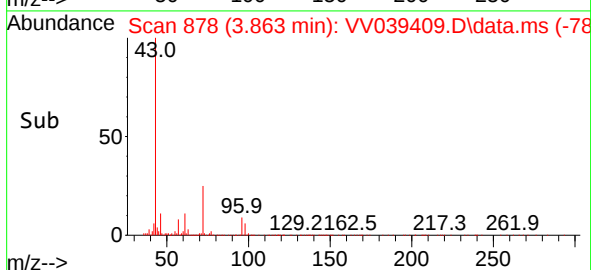
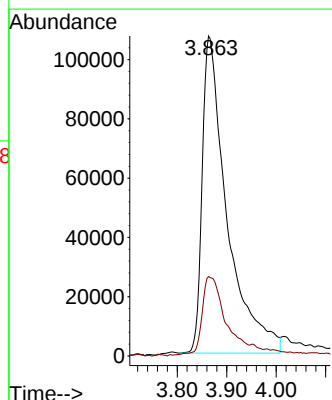
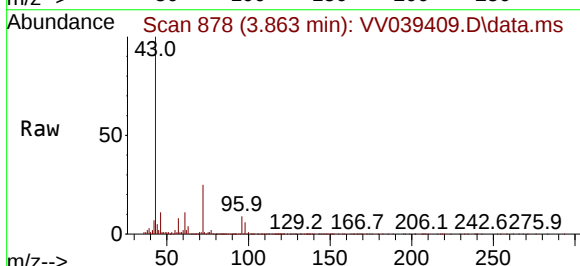
Acq: 19 Nov 2025 12:30

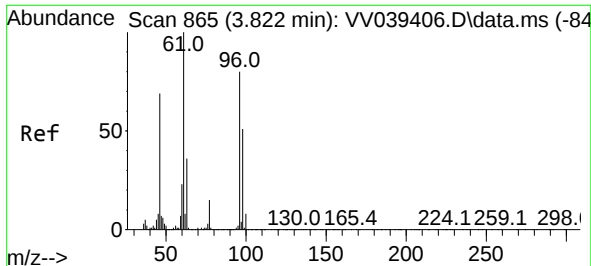
Tgt Ion: 43 Resp: 372248

Ion Ratio Lower Upper

43 100

72 22.9 11.7 35.0

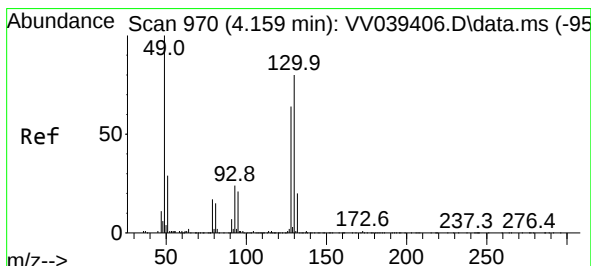
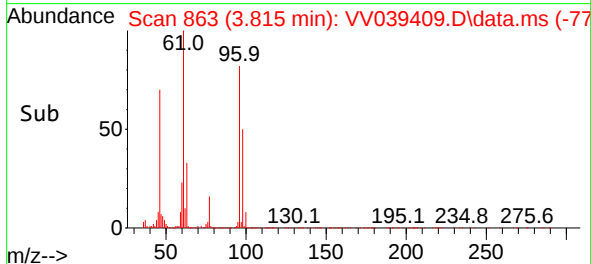
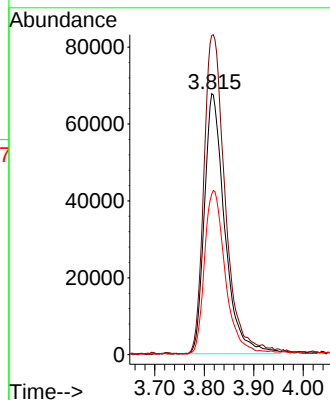
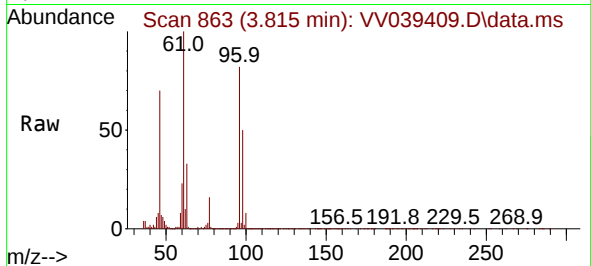




#22
cis-1,2-Dichloroethene
Concen: 5.113 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.006 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

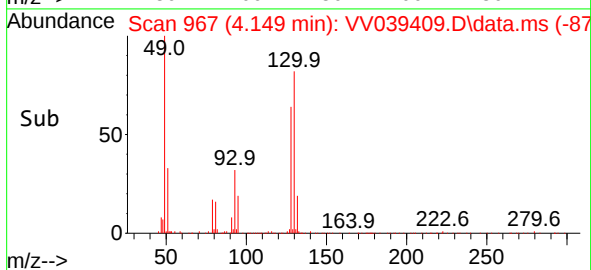
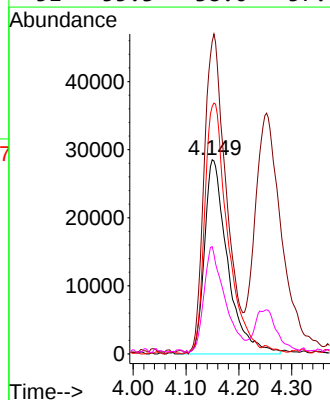
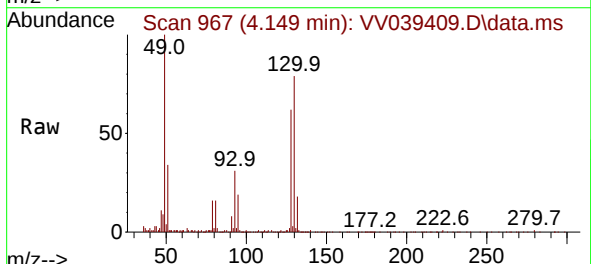
Instrument :
MSVOA_V
ClientSampleId :
VICV265

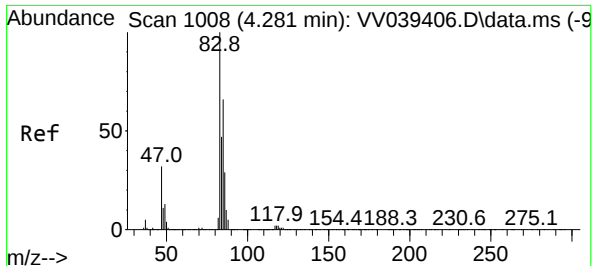
Tgt Ion: 96 Resp: 193447
Ion Ratio Lower Upper
96 100
61 122.3 87.1 161.7
98 61.6 44.7 83.1



#23
Bromochloromethane
Concen: 5.015 ug/L
RT: 4.149 min Scan# 967
Delta R.T. -0.010 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

Tgt Ion: 128 Resp: 86247
Ion Ratio Lower Upper
128 100
49 160.9 110.7 205.5
130 127.5 88.2 163.8
51 55.3 38.0 57.0

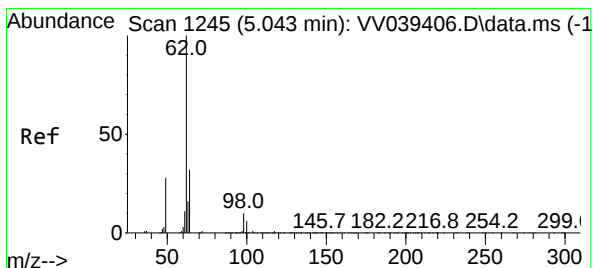
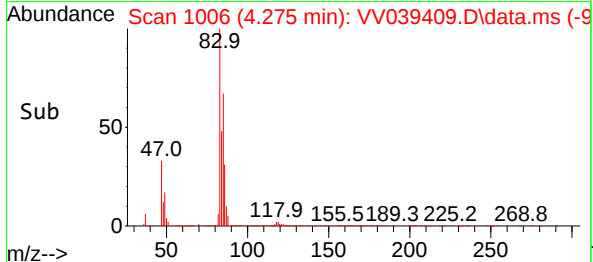
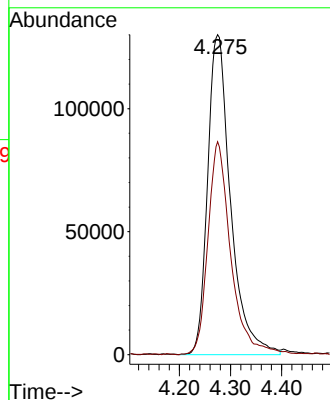
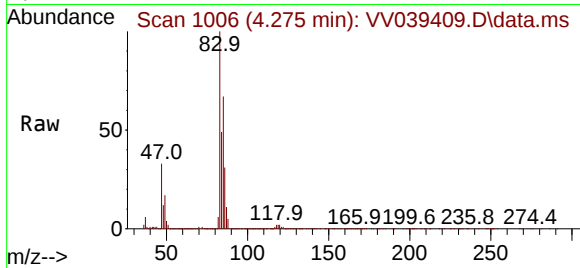




#25
Chloroform
Concen: 4.794 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.006 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

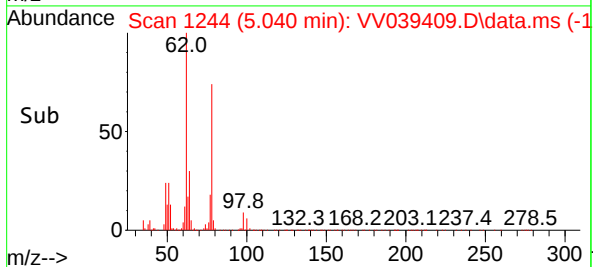
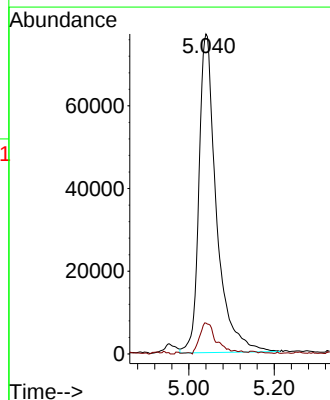
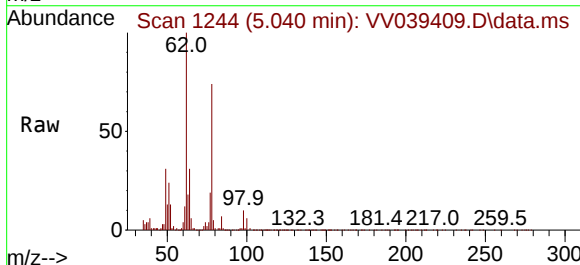
Instrument :
MSVOA_V
ClientSampleId :
VICV265

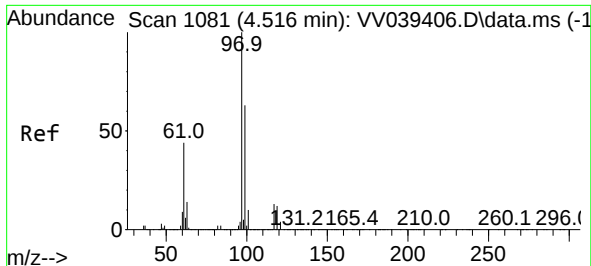
Tgt Ion: 83 Resp: 405954
Ion Ratio Lower Upper
83 100
85 66.5 46.2 85.8



#27
1,2-Dichloroethane
Concen: 5.095 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.003 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

Tgt Ion: 62 Resp: 218840
Ion Ratio Lower Upper
62 100
98 9.7 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.047 ug/L

RT: 4.510 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VV039409.D

Acq: 19 Nov 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

VICV265

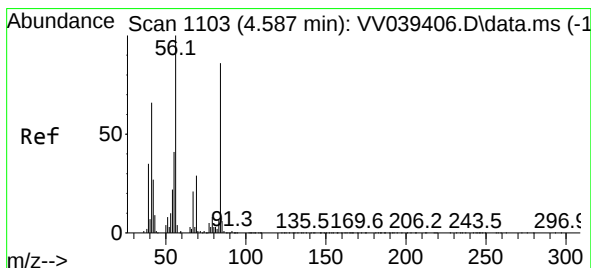
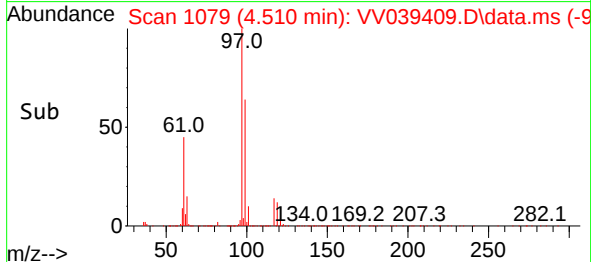
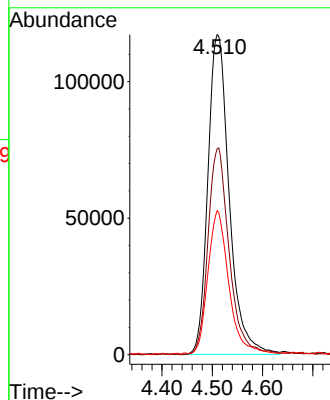
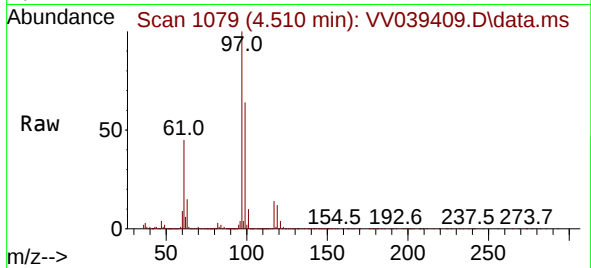
Tgt Ion: 97 Resp: 344635

Ion Ratio Lower Upper

97 100

99 63.9 51.1 76.7

61 43.7 36.6 55.0



#30

Cyclohexane

Concen: 5.356 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VV039409.D

Acq: 19 Nov 2025 12:30

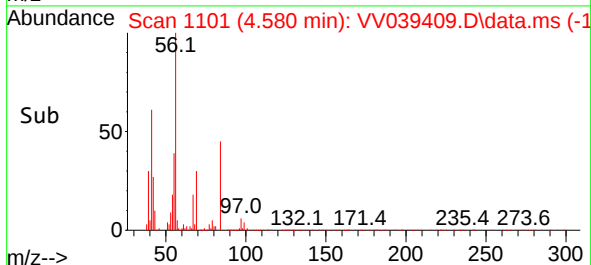
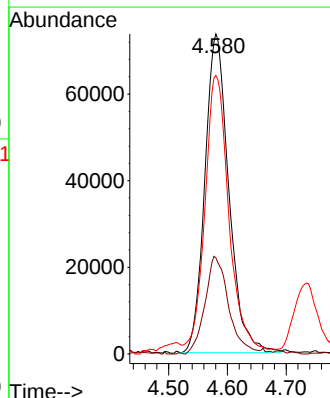
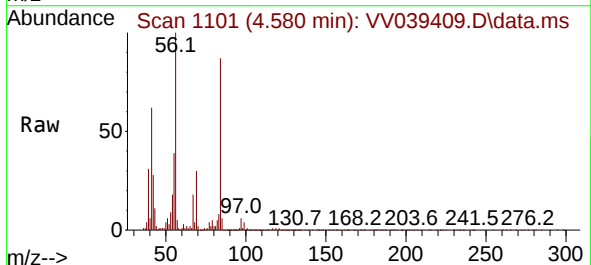
Tgt Ion: 56 Resp: 208647

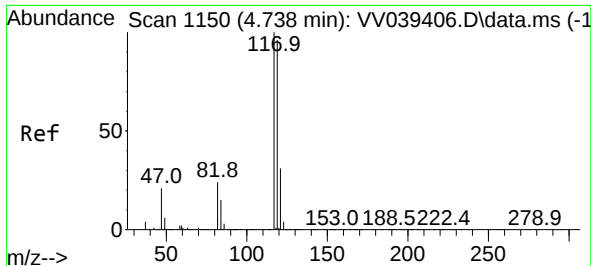
Ion Ratio Lower Upper

56 100

69 30.1 23.7 35.5

84 86.0 72.6 109.0

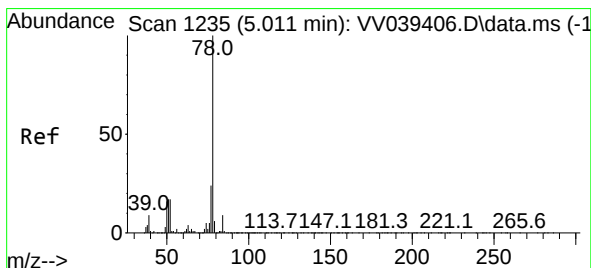
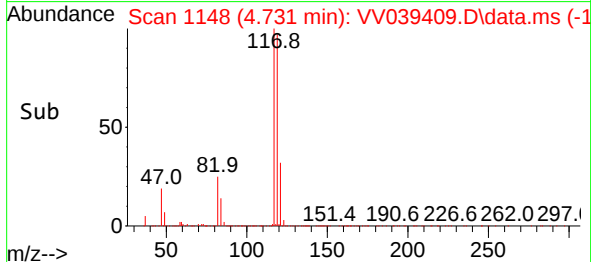
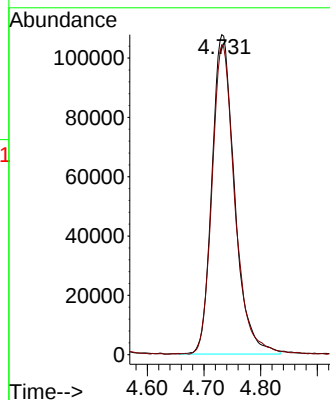
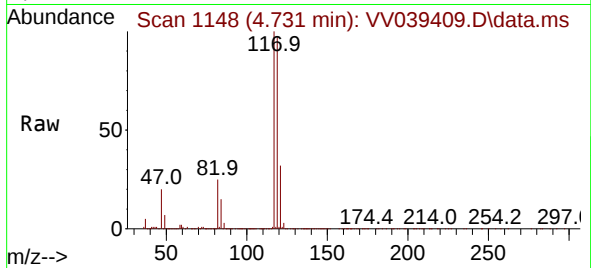




#31
Carbon tetrachloride
Concen: 4.976 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

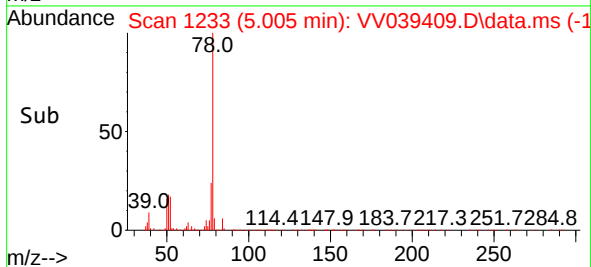
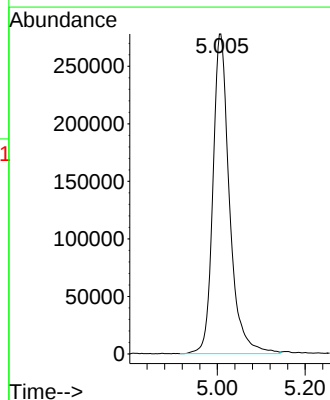
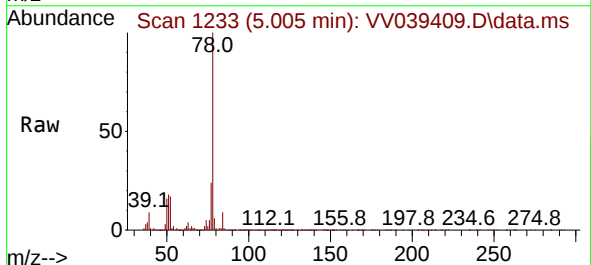
Instrument : MSVOA_V
ClientSampleId : VICV265

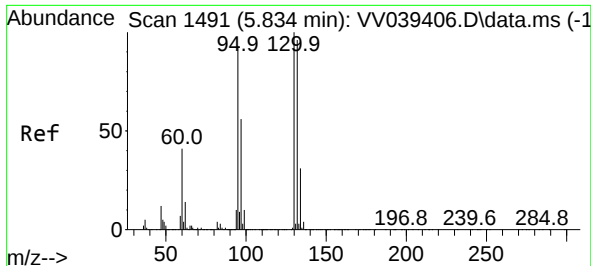
Tgt Ion:117 Resp: 299264
Ion Ratio Lower Upper
117 100
119 97.5 75.4 113.2



#33
Benzene
Concen: 5.411 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.006 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

Tgt Ion: 78 Resp: 729060

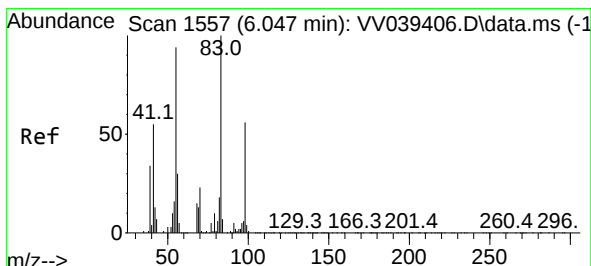
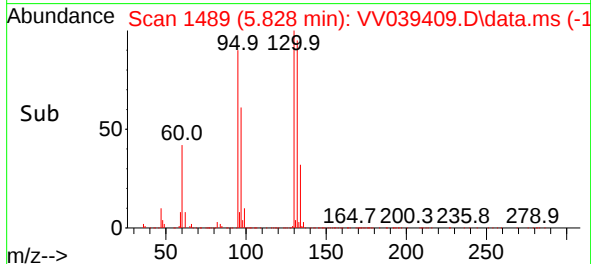
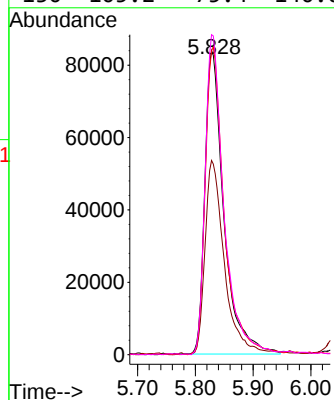
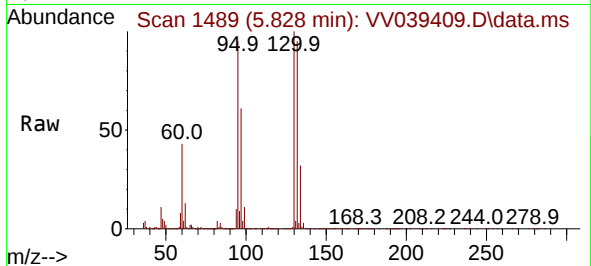




#34
Trichloroethene
Concen: 5.189 ug/L
RT: 5.828 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

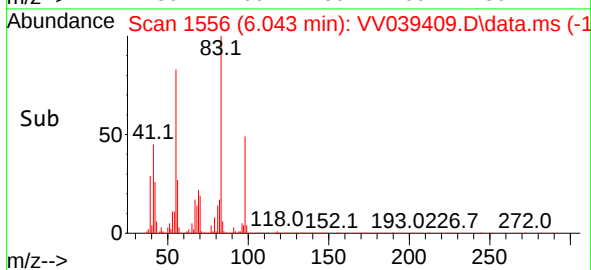
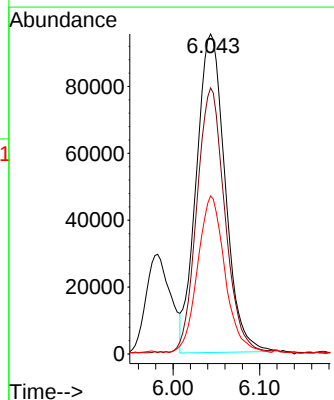
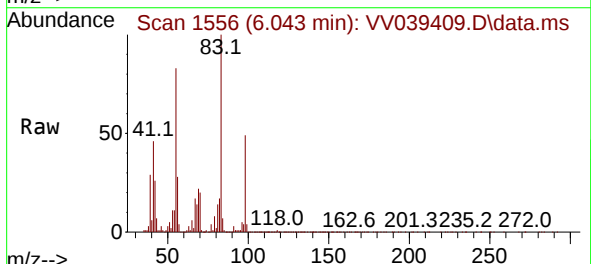
Instrument :
MSVOA_V
ClientSampleId :
VICV265

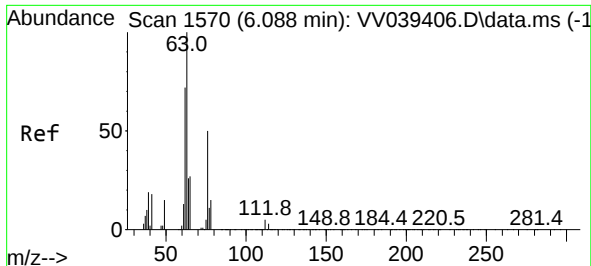
Tgt Ion:	95	Resp:	191758
Ion	Ratio	Lower	Upper
95	100		
97	63.8	42.7	79.3
132	99.9	72.0	133.6
130	105.2	75.4	140.0



#35
Methylcyclohexane
Concen: 5.293 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. -0.003 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

Tgt Ion:	83	Resp:	219515
Ion	Ratio	Lower	Upper
83	100		
55	81.1	64.0	96.0
98	46.5	37.0	55.4

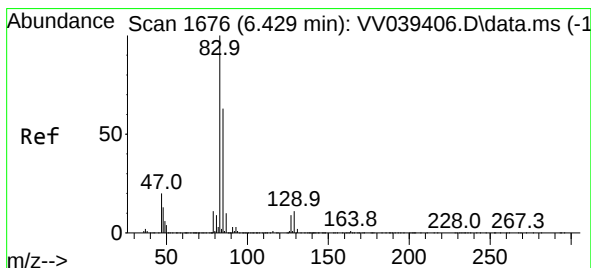
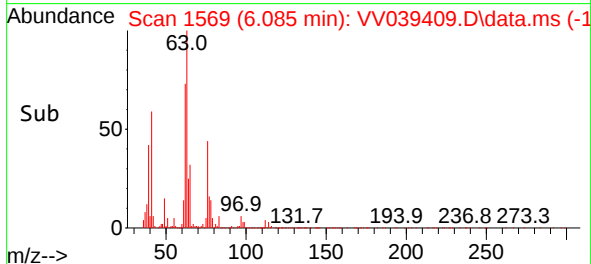
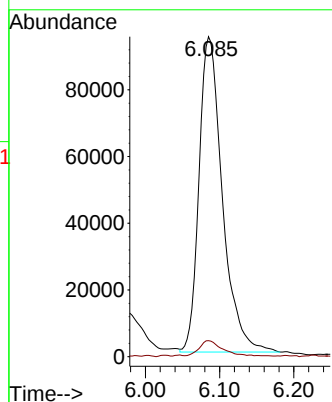
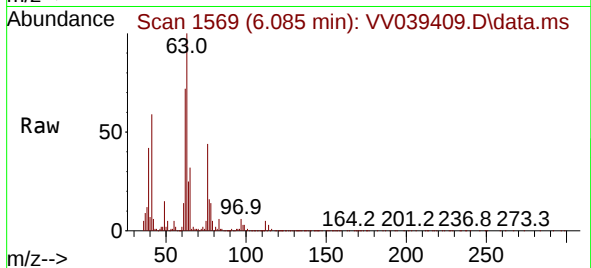




#37
1,2-Dichloropropane
Concen: 5.179 ug/L
RT: 6.085 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

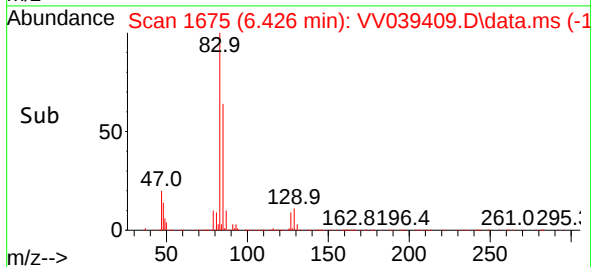
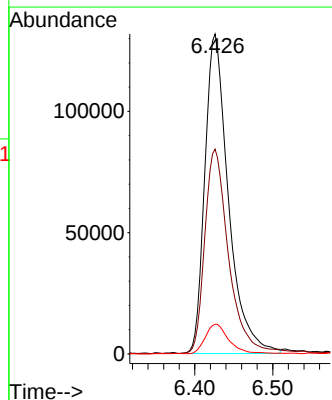
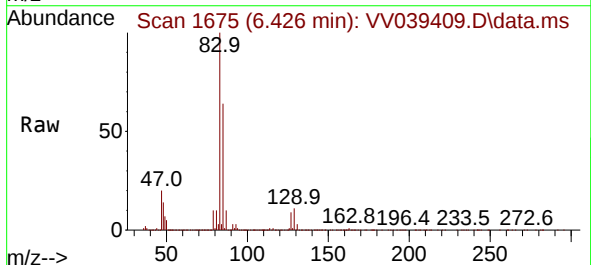
Instrument :
MSVOA_V
ClientSampleId :
VICV265

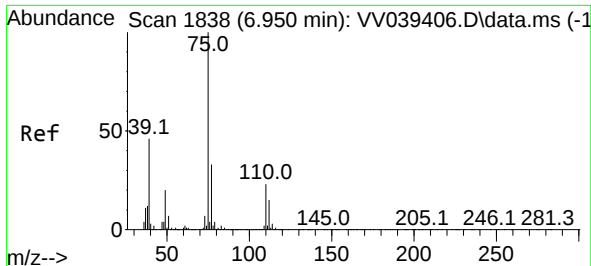
Tgt Ion: 63 Resp: 206834
Ion Ratio Lower Upper
63 100
112 4.8 4.4 6.6



#38
Bromodichloromethane
Concen: 5.005 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

Tgt Ion: 83 Resp: 277528
Ion Ratio Lower Upper
83 100
85 64.0 43.8 81.4
127 9.3 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 5.357 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. -0.003 min

Lab File: VV039409.D

Acq: 19 Nov 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

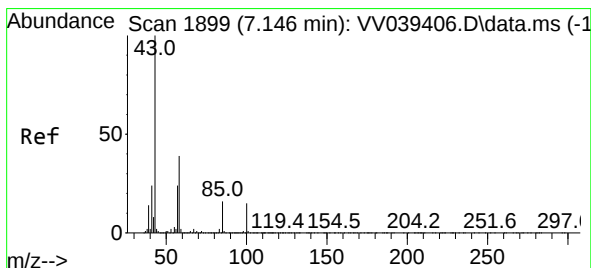
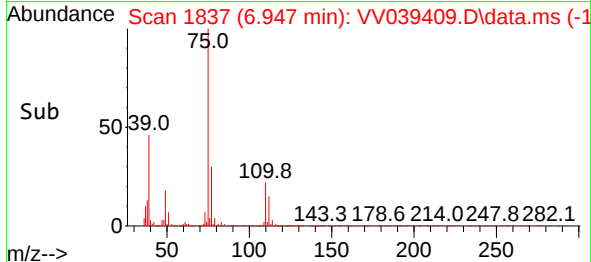
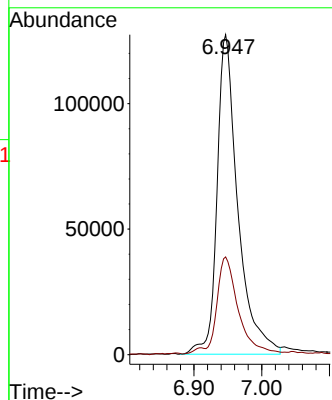
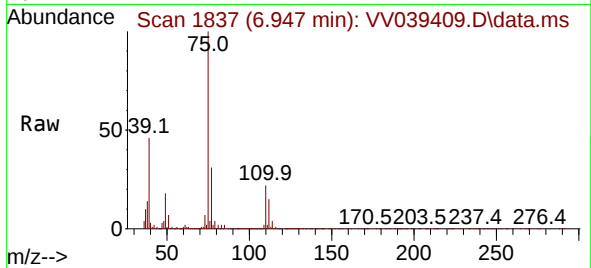
VICV265

Tgt Ion: 75 Resp: 271578

Ion Ratio Lower Upper

75 100

77 30.6 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 56.525 ug/L

RT: 7.143 min Scan# 1898

Delta R.T. -0.003 min

Lab File: VV039409.D

Acq: 19 Nov 2025 12:30

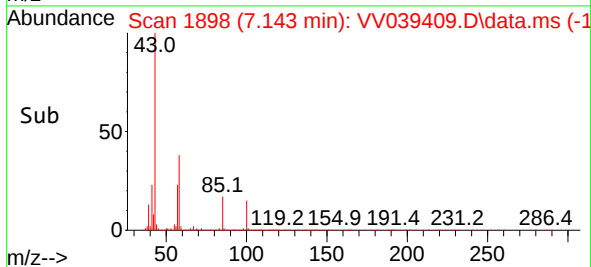
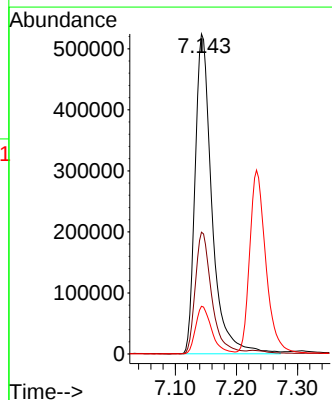
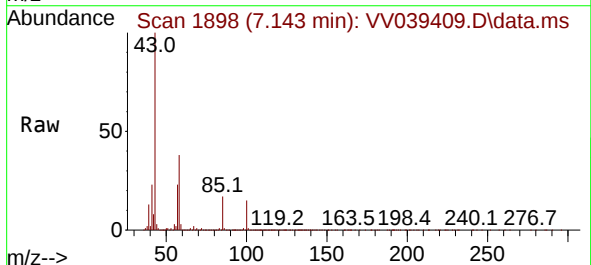
Tgt Ion: 43 Resp: 1002578

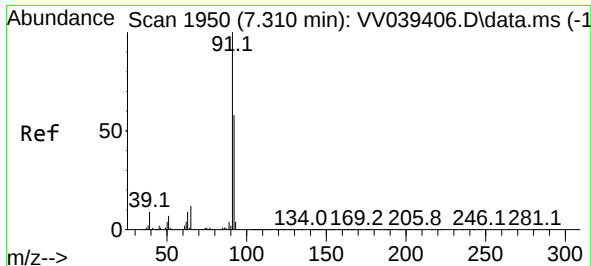
Ion Ratio Lower Upper

43 100

58 37.3 29.6 44.4

100 14.4 11.4 17.0





#42

Toluene

Concen: 5.555 ug/L

RT: 7.307 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VV039409.D

Acq: 19 Nov 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

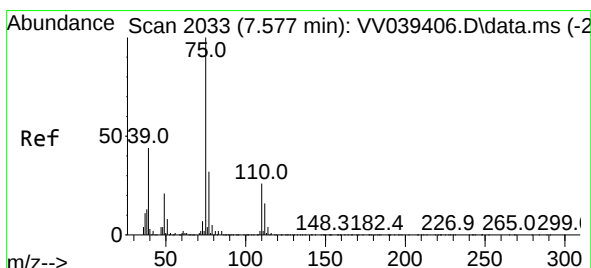
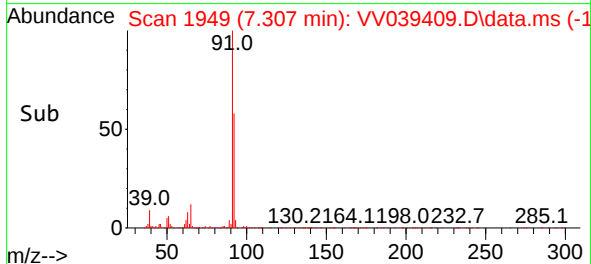
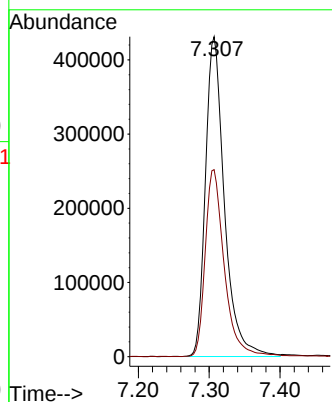
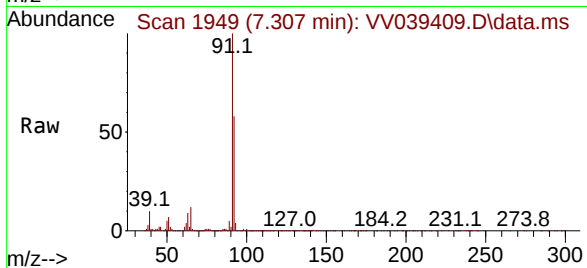
VICV265

Tgt Ion: 91 Resp: 800465

Ion Ratio Lower Upper

91 100

92 58.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.193 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV039409.D

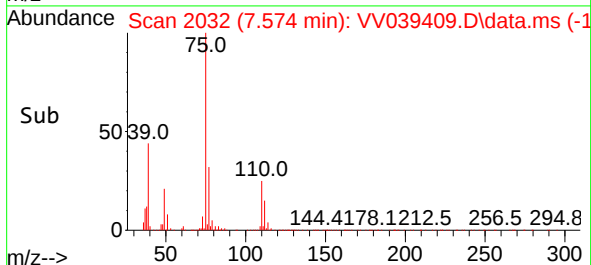
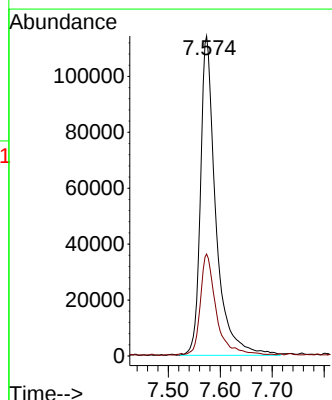
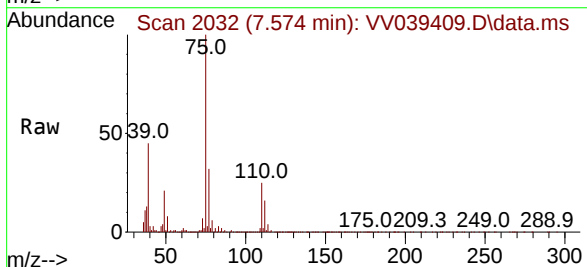
Acq: 19 Nov 2025 12:30

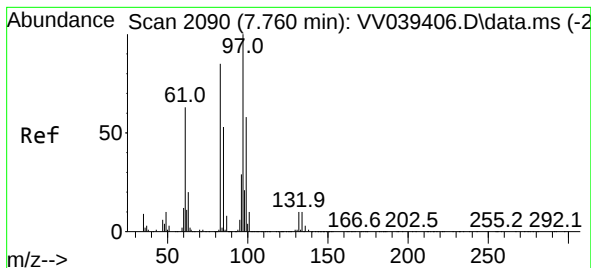
Tgt Ion: 75 Resp: 234307

Ion Ratio Lower Upper

75 100

77 31.9 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 4.865 ug/L

RT: 7.760 min Scan# 2090

Delta R.T. -0.000 min

Lab File: VV039409.D

Acq: 19 Nov 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

VICV265

Tgt Ion: 97 Resp: 142396

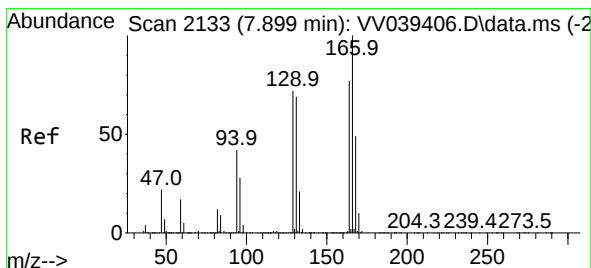
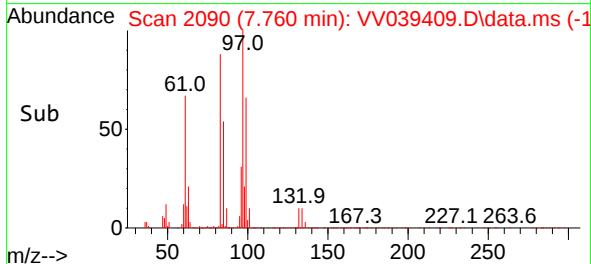
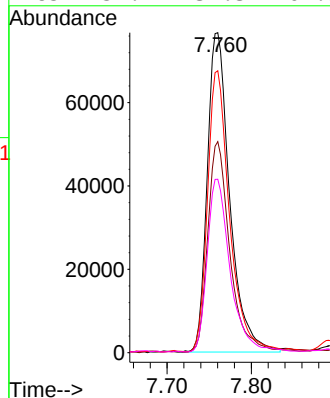
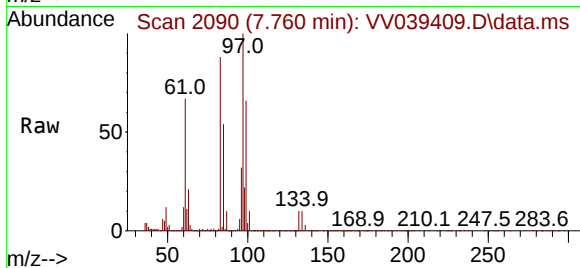
Ion Ratio Lower Upper

97 100

99 66.0 40.8 75.8

83 88.1 59.8 111.1

85 54.2 37.3 69.3



#47

Tetrachloroethene

Concen: 5.128 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.003 min

Lab File: VV039409.D

Acq: 19 Nov 2025 12:30

Tgt Ion:164 Resp: 170148

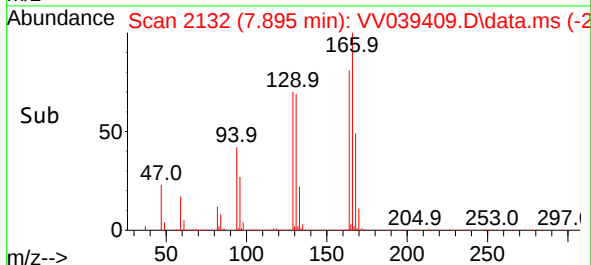
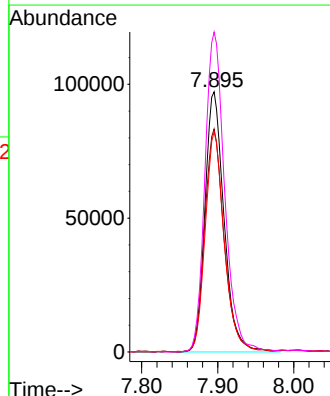
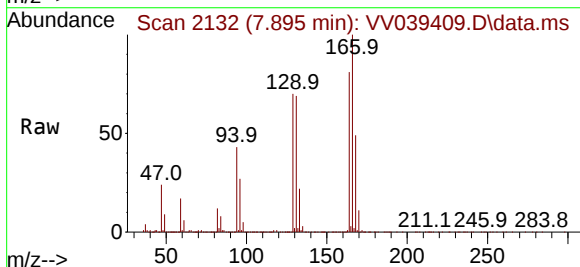
Ion Ratio Lower Upper

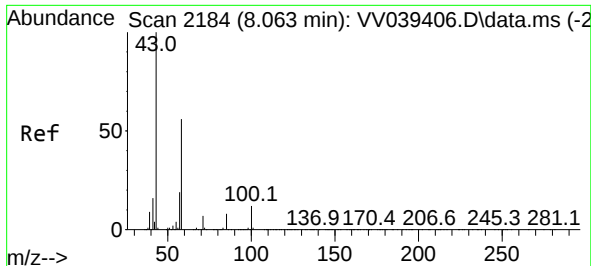
164 100

129 85.7 65.8 122.2

131 84.7 62.6 116.2

166 123.0 91.0 169.0



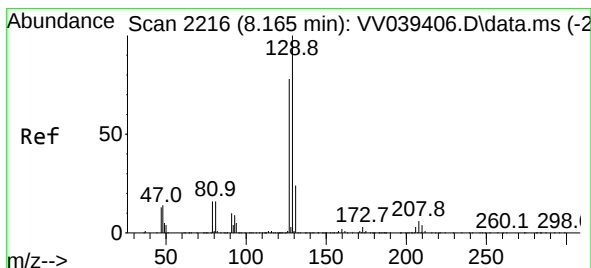
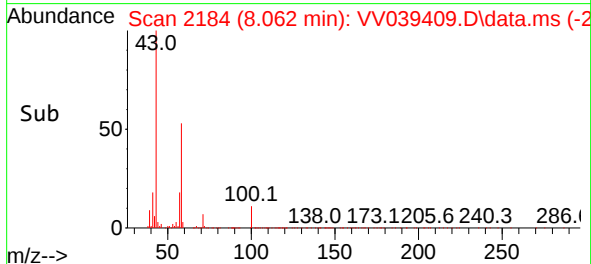
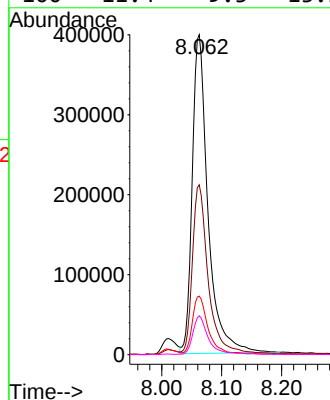
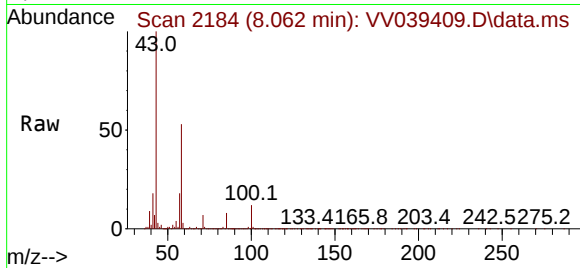


#48
2-Hexanone
Concen: 55.421 ug/L
RT: 8.062 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

Instrument :
MSVOA_V
ClientSampleId :
VICV265

Tgt Ion: 43 Resp: 730043

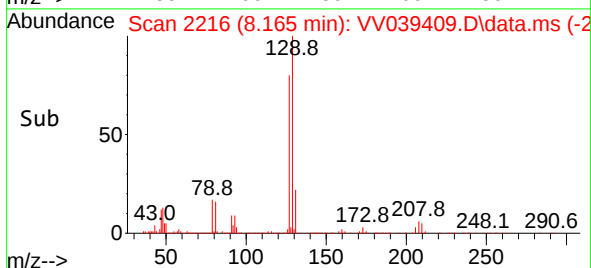
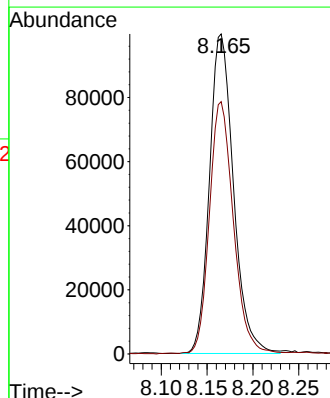
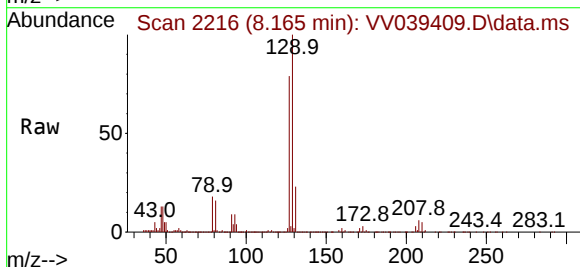
Ion	Ratio	Lower	Upper
43	100		
58	53.2	43.4	65.2
57	17.7	15.0	22.6
100	11.4	9.3	13.9

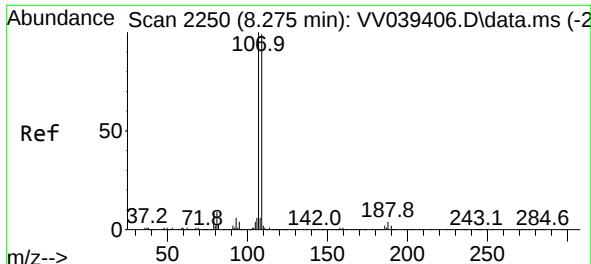


#49
Dibromochloromethane
Concen: 4.909 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. -0.000 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

Tgt Ion: 129 Resp: 181938

Ion	Ratio	Lower	Upper
129	100		
127	78.9	54.6	101.4

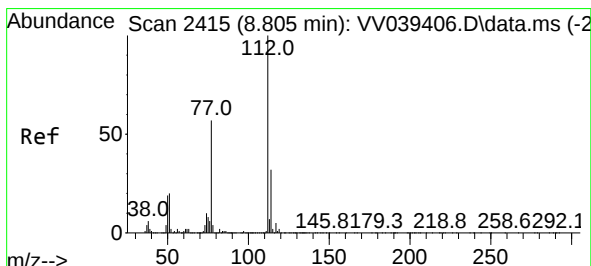
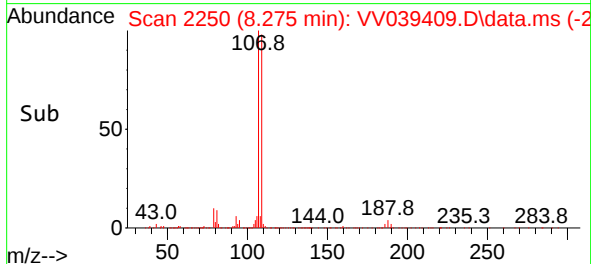
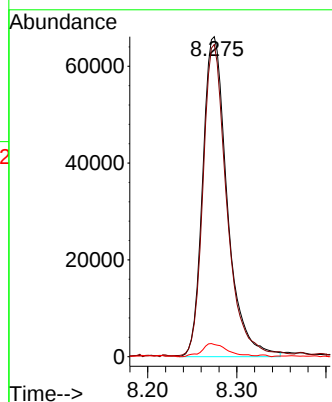
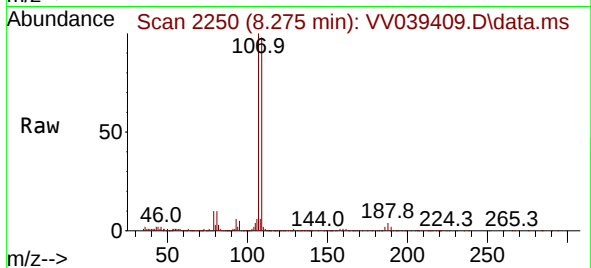




#50
1,2-Dibromoethane
Concen: 5.175 ug/L
RT: 8.275 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

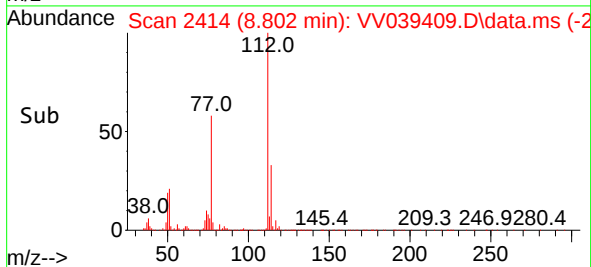
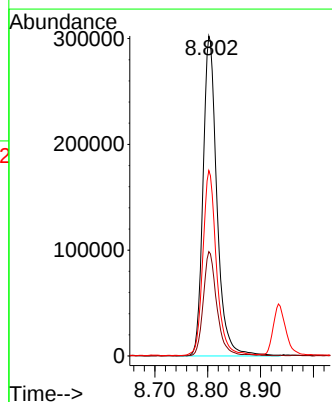
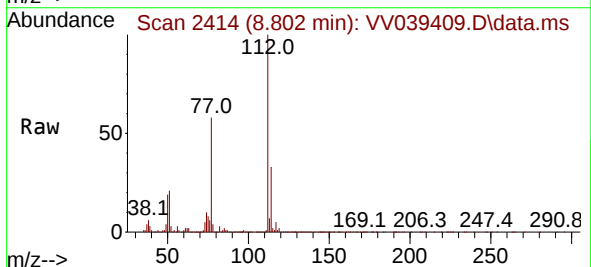
Instrument :
MSVOA_V
ClientSampleId :
VICV265

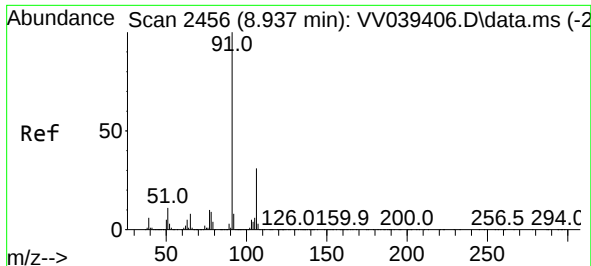
Tgt Ion:107 Resp: 126962
Ion Ratio Lower Upper
107 100
109 97.6 69.1 128.3
188 3.8 3.6 5.4



#51
Chlorobenzene
Concen: 5.309 ug/L
RT: 8.802 min Scan# 2414
Delta R.T. -0.003 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

Tgt Ion:112 Resp: 552119
Ion Ratio Lower Upper
112 100
114 32.6 22.3 41.3
77 58.0 45.3 67.9





#52

Ethylbenzene

Concen: 5.421 ug/L

RT: 8.934 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV039409.D

Acq: 19 Nov 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

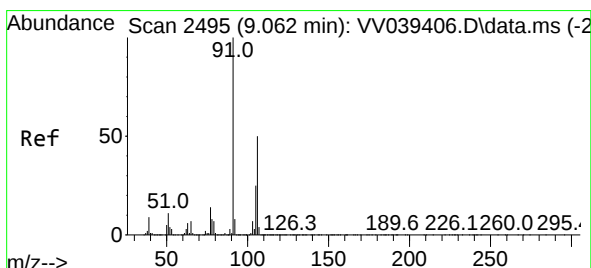
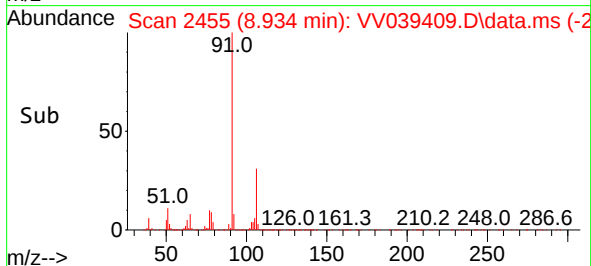
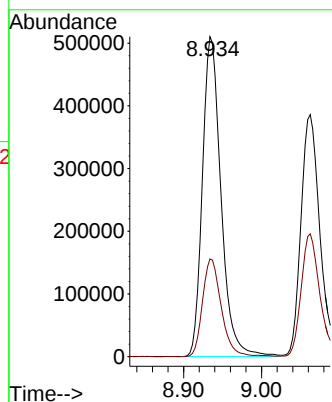
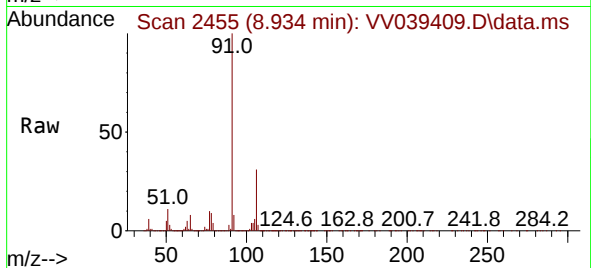
VICV265

Tgt Ion: 91 Resp: 845988

Ion Ratio Lower Upper

91 100

106 30.6 21.3 39.6



#53

m,p-Xylene

Concen: 5.510 ug/L

RT: 9.062 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VV039409.D

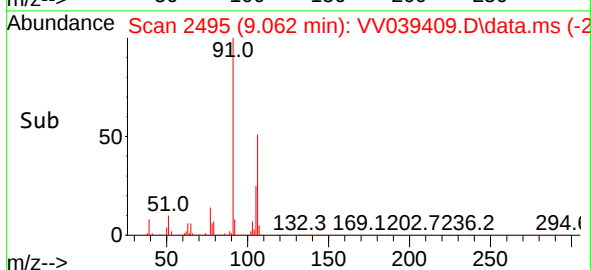
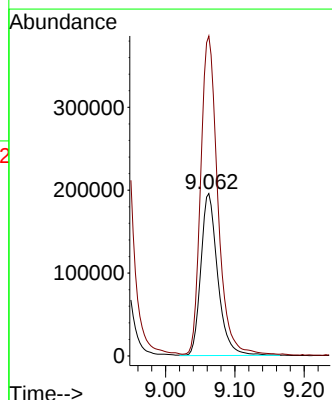
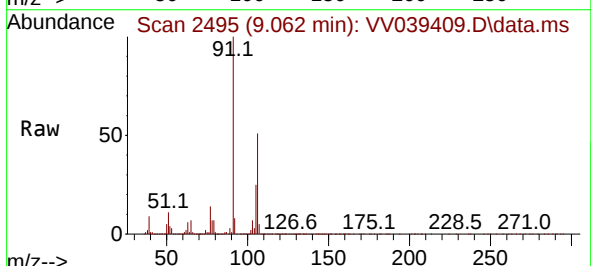
Acq: 19 Nov 2025 12:30

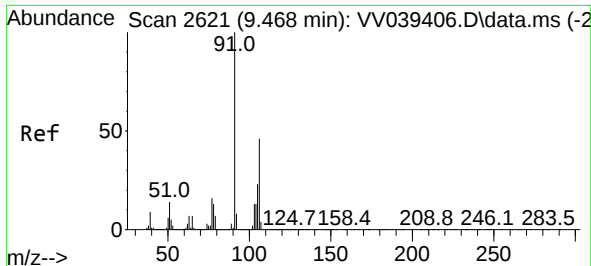
Tgt Ion: 106 Resp: 330261

Ion Ratio Lower Upper

106 100

91 197.0 139.6 259.2

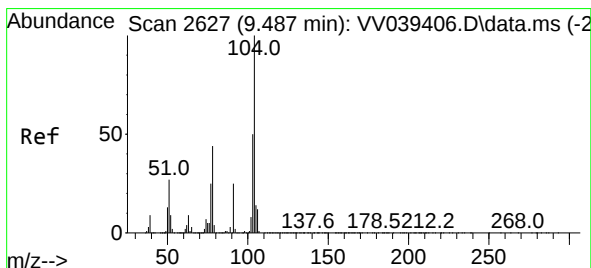
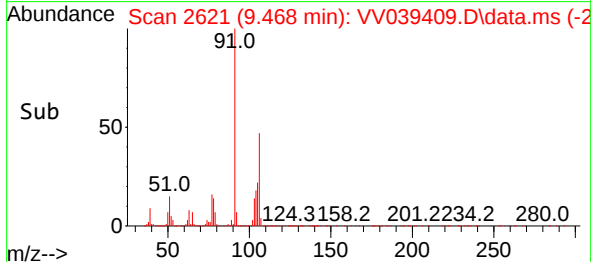
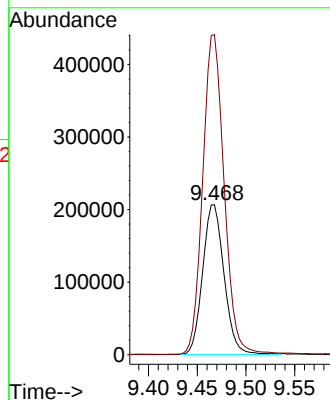
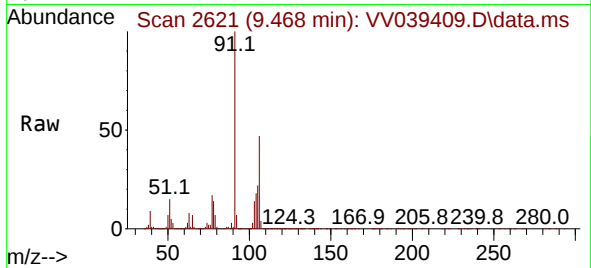




#54
o-Xylene
Concen: 5.441 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

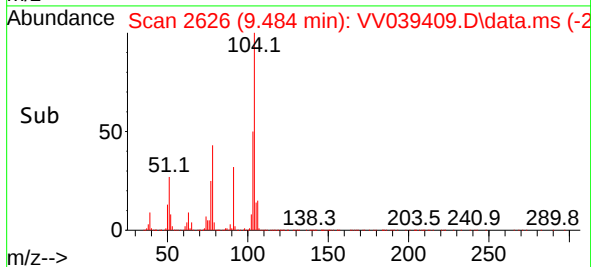
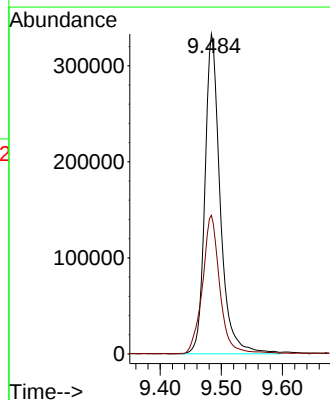
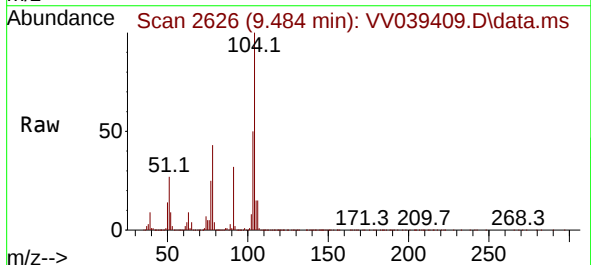
Instrument : MSVOA_V
ClientSampleId : VICV265

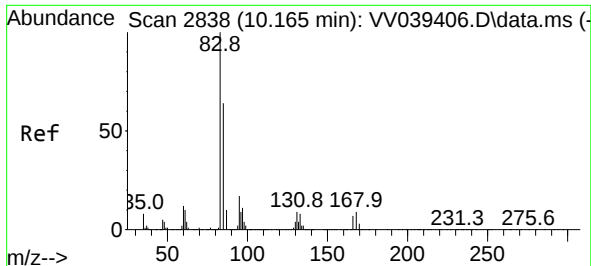
Tgt Ion:106 Resp: 315030
Ion Ratio Lower Upper
106 100
91 213.5 152.5 283.1



#55
Styrene
Concen: 5.651 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.003 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

Tgt Ion:104 Resp: 579483
Ion Ratio Lower Upper
104 100
78 43.3 30.6 56.8





#57

1,1,2,2-Tetrachloroethane

Concen: 4.907 ug/L

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV039409.D

Acq: 19 Nov 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

VICV265

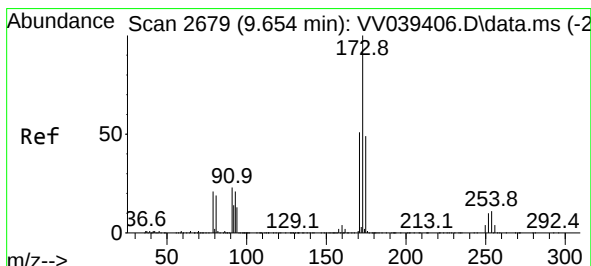
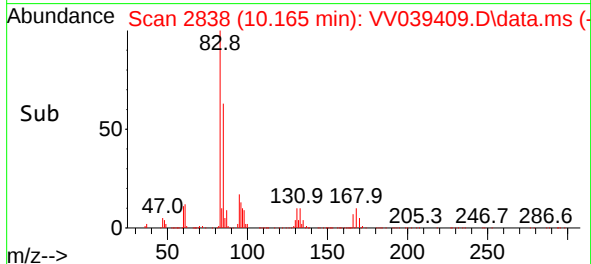
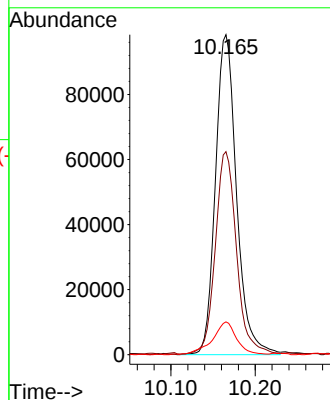
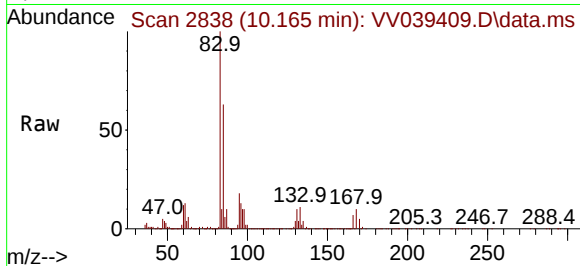
Tgt Ion: 83 Resp: 171053

Ion Ratio Lower Upper

83 100

85 63.4 45.3 84.1

131 10.3 7.8 11.8



#59

Bromoform

Concen: 4.768 ug/L

RT: 9.654 min Scan# 2679

Delta R.T. -0.000 min

Lab File: VV039409.D

Acq: 19 Nov 2025 12:30

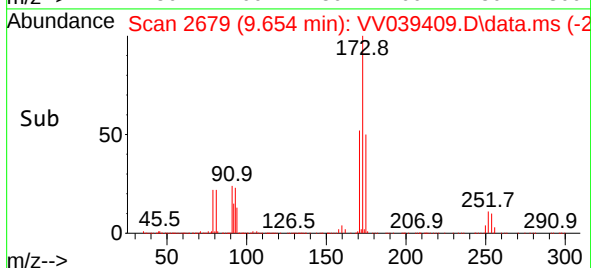
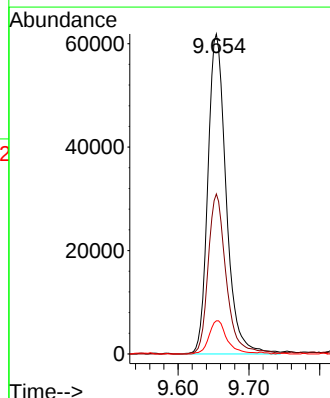
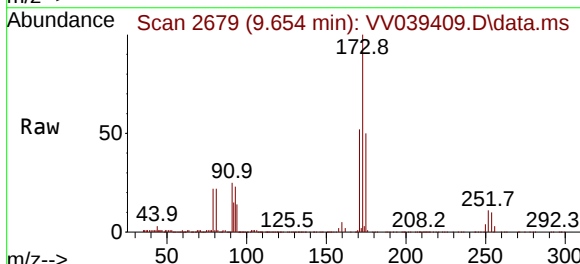
Tgt Ion: 173 Resp: 110585

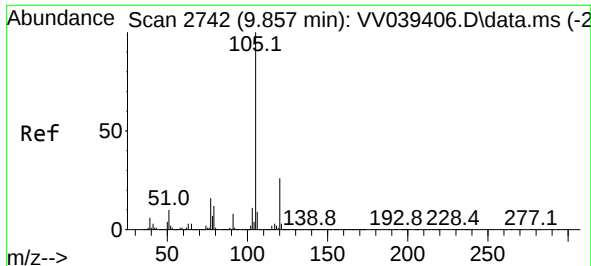
Ion Ratio Lower Upper

173 100

175 49.6 40.2 60.4

254 10.3 9.1 13.7

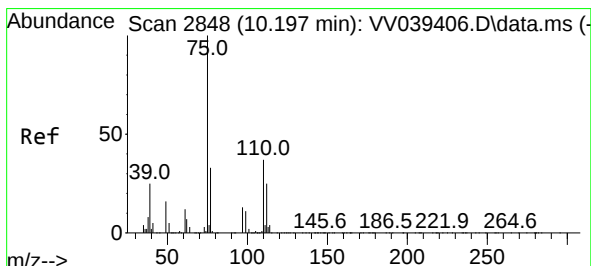
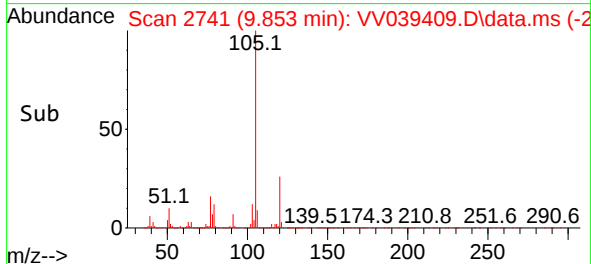
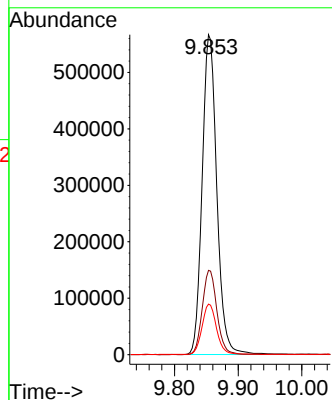
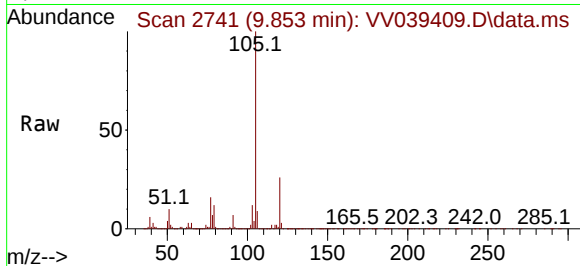




#60
Isopropylbenzene
Concen: 5.445 ug/L
RT: 9.853 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

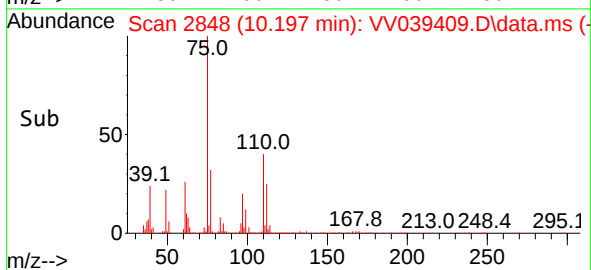
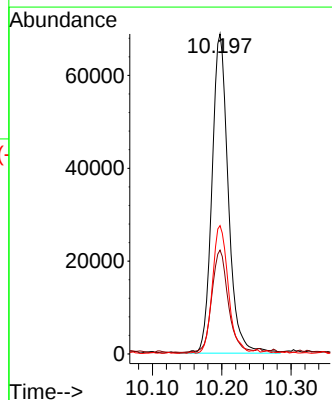
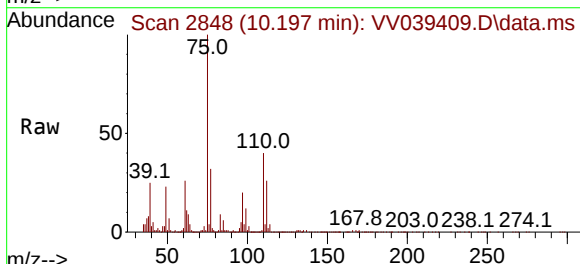
Instrument :
MSVOA_V
ClientSampleId :
VICV265

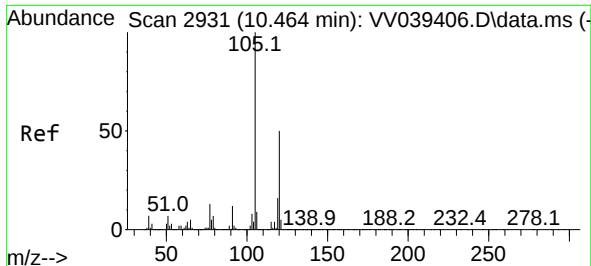
Tgt Ion:105 Resp: 905421
Ion Ratio Lower Upper
105 100
120 26.3 21.4 32.2
77 15.6 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 4.839 ug/L
RT: 10.197 min Scan# 2848
Delta R.T. -0.000 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

Tgt Ion: 75 Resp: 112098
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
110 38.7 30.8 46.2

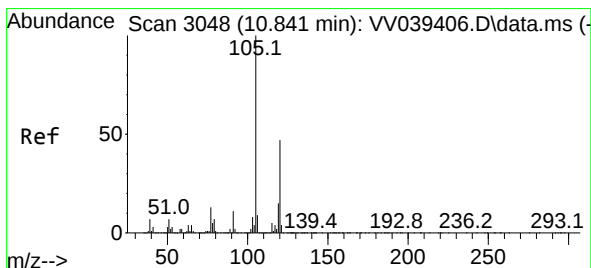
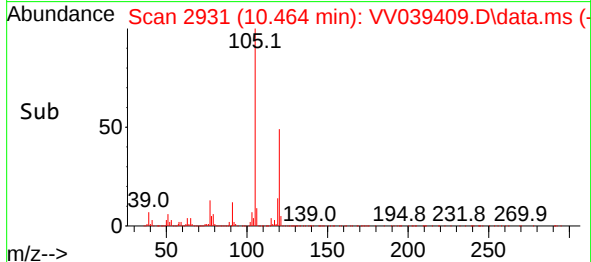
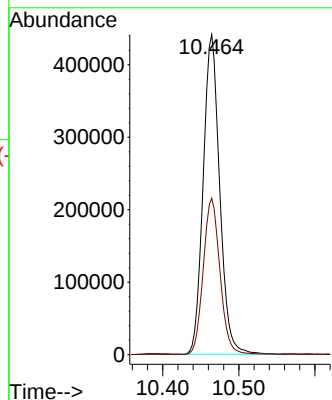
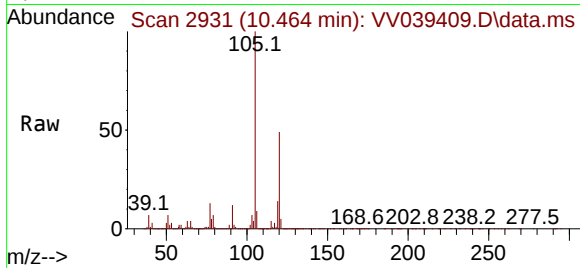




#62
 1,3,5-Trimethylbenzene
 Concen: 5.204 ug/L
 RT: 10.464 min Scan# 2931
 Delta R.T. -0.000 min
 Lab File: VV039409.D
 Acq: 19 Nov 2025 12:30

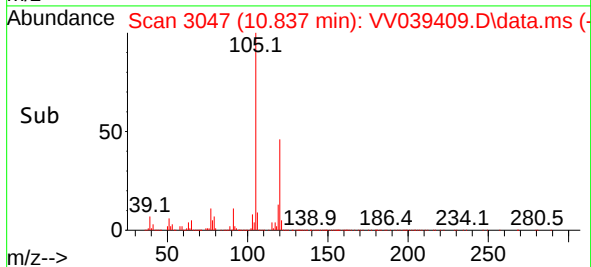
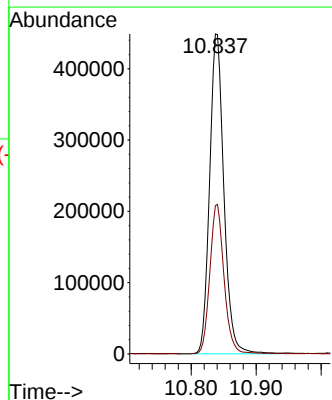
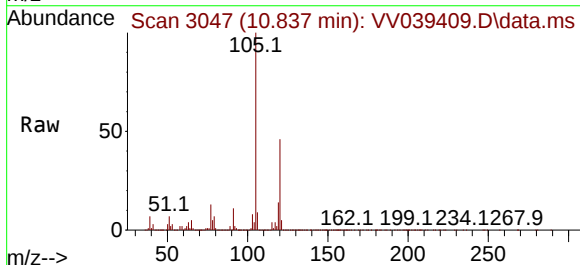
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV265

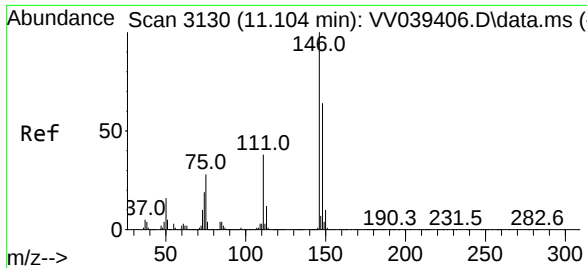
Tgt Ion:105 Resp: 664162
 Ion Ratio Lower Upper
 105 100
 120 49.7 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.415 ug/L
 RT: 10.837 min Scan# 3047
 Delta R.T. -0.003 min
 Lab File: VV039409.D
 Acq: 19 Nov 2025 12:30

Tgt Ion:105 Resp: 685310
 Ion Ratio Lower Upper
 105 100
 120 46.4 36.8 55.2

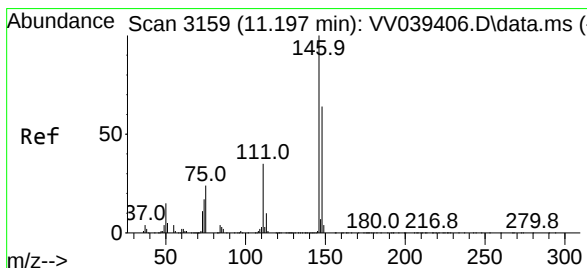
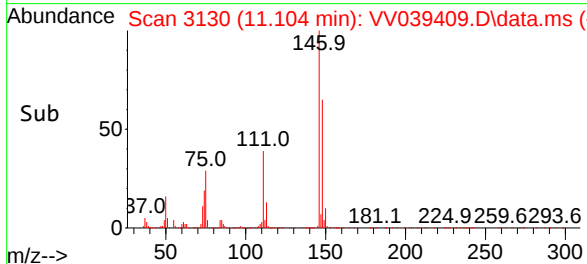
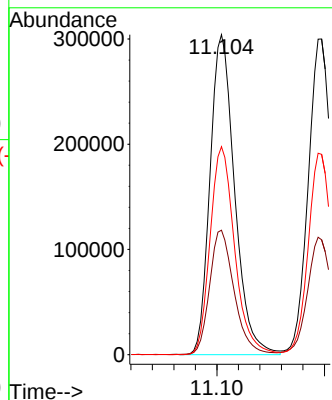
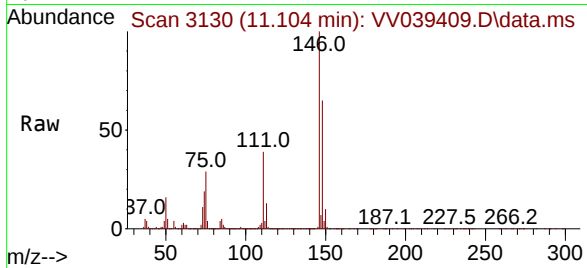




#64
1,3-Dichlorobenzene
Concen: 5.281 ug/L
RT: 11.104 min Scan# 3130
Delta R.T. -0.000 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

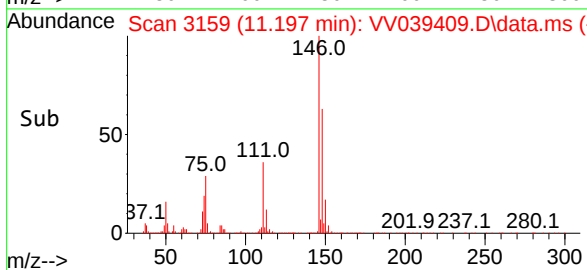
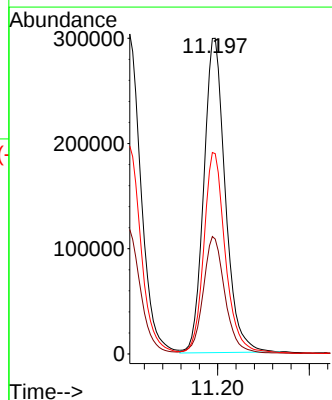
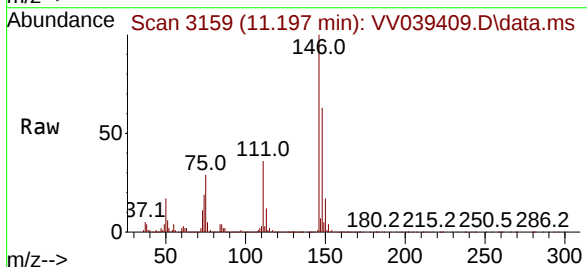
Instrument :
MSVOA_V
ClientSampleId :
VICV265

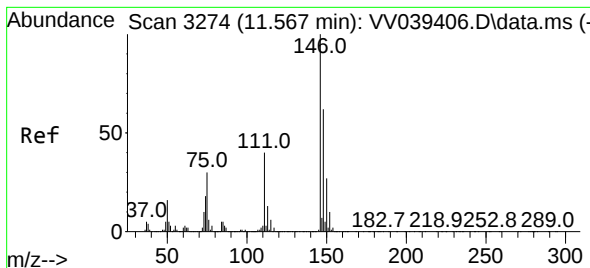
Tgt Ion:146 Resp: 482635
Ion Ratio Lower Upper
146 100
111 38.9 26.6 49.4
148 65.0 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 5.156 ug/L
RT: 11.197 min Scan# 3159
Delta R.T. -0.000 min
Lab File: VV039409.D
Acq: 19 Nov 2025 12:30

Tgt Ion:146 Resp: 485989
Ion Ratio Lower Upper
146 100
111 36.4 24.6 45.6
148 63.5 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 5.226 ug/L

RT: 11.564 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV039409.D

Acq: 19 Nov 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

VICV265

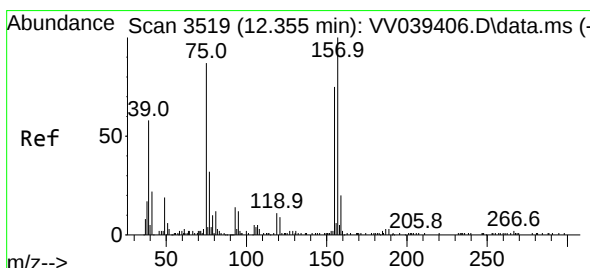
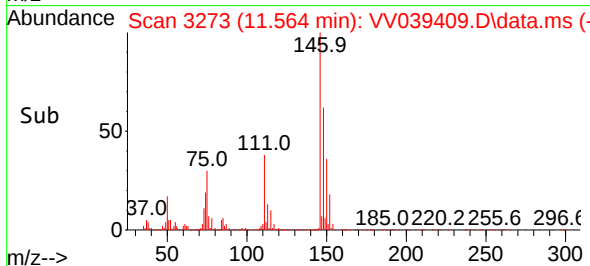
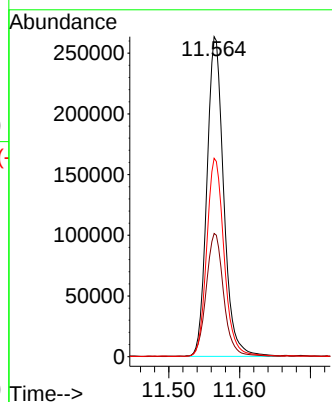
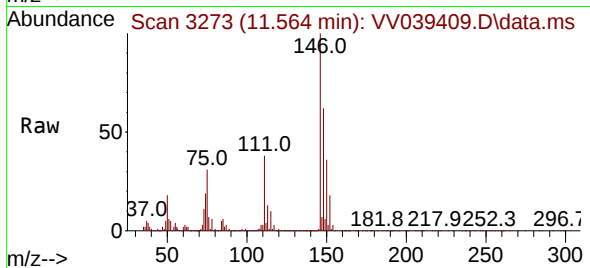
Tgt Ion:146 Resp: 433279

Ion Ratio Lower Upper

146 100

111 38.5 31.7 47.5

148 62.0 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.645 ug/L

RT: 12.352 min Scan# 3518

Delta R.T. -0.003 min

Lab File: VV039409.D

Acq: 19 Nov 2025 12:30

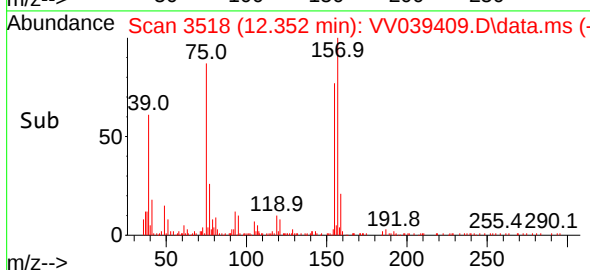
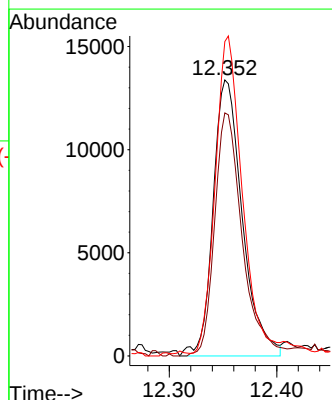
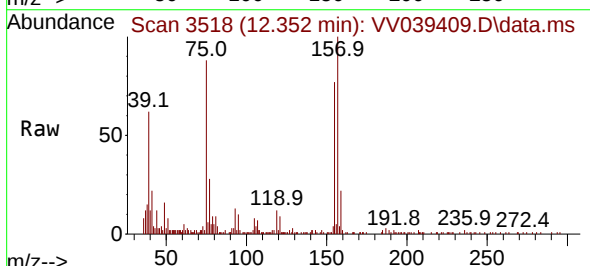
Tgt Ion: 75 Resp: 25209

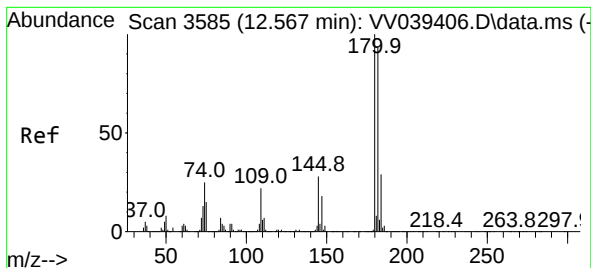
Ion Ratio Lower Upper

75 100

155 88.1 69.5 104.3

157 113.9 92.0 138.0





#69

1,3,5-Trichlorobenzene

Concen: 5.166 ug/L

RT: 12.567 min Scan# 3585

Delta R.T. -0.000 min

Lab File: VV039409.D

Acq: 19 Nov 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

VICV265

Tgt Ion:180 Resp: 355737

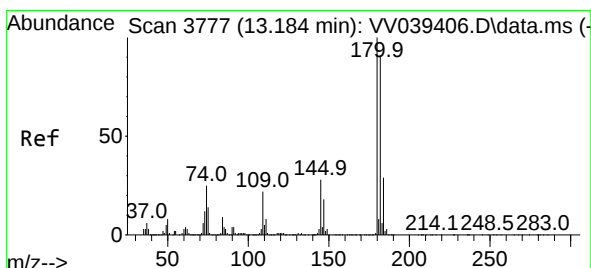
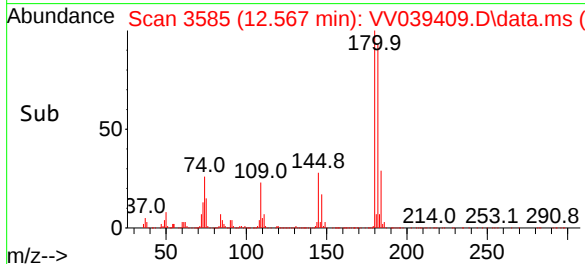
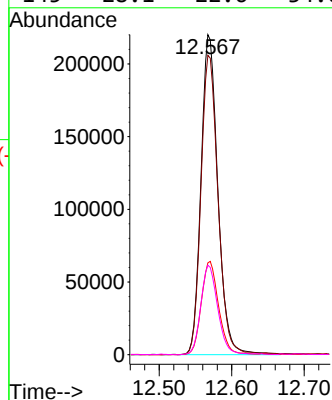
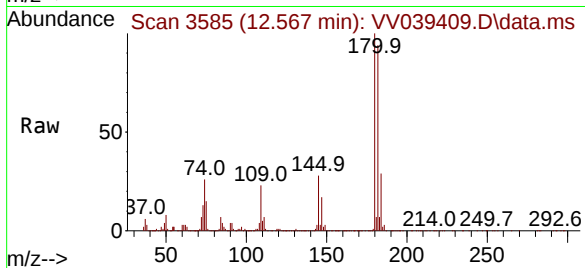
Ion Ratio Lower Upper

180 100

182 94.7 76.9 115.3

184 29.8 24.3 36.5

145 28.1 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 5.018 ug/L

RT: 13.184 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV039409.D

Acq: 19 Nov 2025 12:30

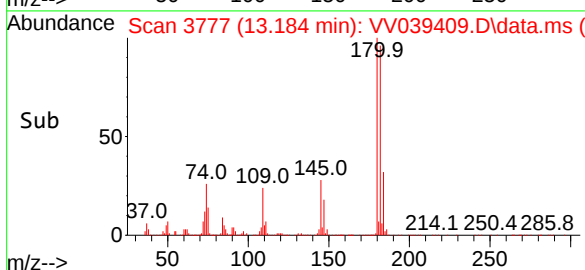
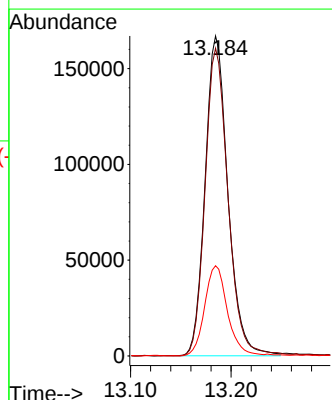
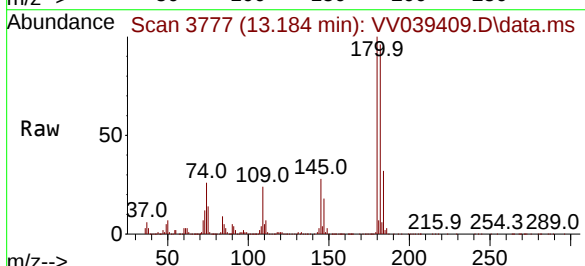
Tgt Ion:180 Resp: 263264

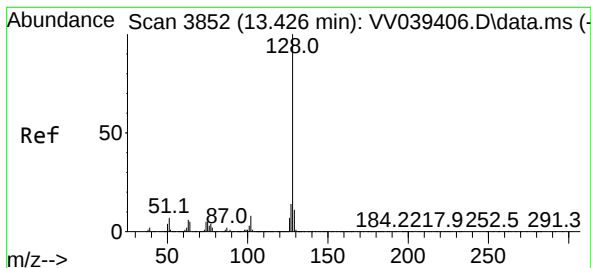
Ion Ratio Lower Upper

180 100

182 97.1 74.6 111.8

145 28.1 23.3 34.9





#71

Naphthalene

Concen: 5.053 ug/L

RT: 13.426 min Scan# 3852

Delta R.T. -0.000 min

Lab File: VV039409.D

Acq: 19 Nov 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

VICV265

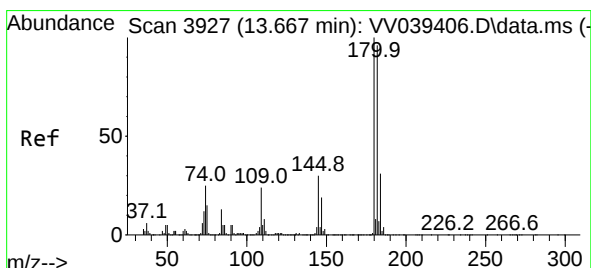
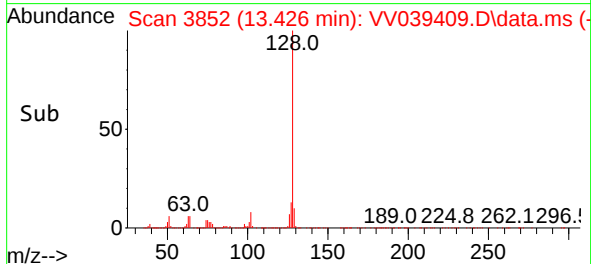
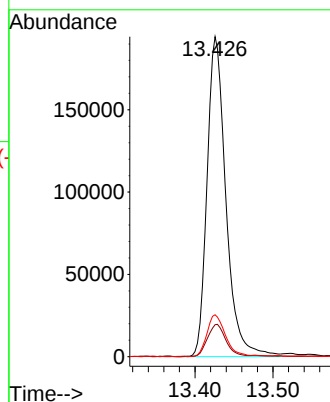
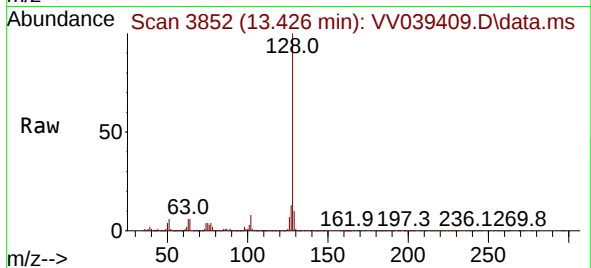
Tgt Ion:128 Resp: 326719

Ion Ratio Lower Upper

128 100

129 9.9 8.6 12.8

127 12.9 11.3 16.9



#72

1,2,3-Trichlorobenzene

Concen: 4.999 ug/L

RT: 13.667 min Scan# 3927

Delta R.T. -0.000 min

Lab File: VV039409.D

Acq: 19 Nov 2025 12:30

Tgt Ion:180 Resp: 234316

Ion Ratio Lower Upper

180 100

182 95.5 75.4 113.0

145 29.8 24.6 36.8

