

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091125\
 Data File : VV039040.D
 Acq On : 11 Sep 2025 11:55
 Operator : SY/MD
 Sample : VSTD05027
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 12 01:33:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM091125WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 12 01:30:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	910085	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	883302	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	474677	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	426993	54.372	ug/L	0.00
7) Chloroethane-d5	1.542	69	327299	47.091	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.069	65	179319	47.636	ug/L	0.00
21) 2-Butanone-d5	3.780	46	387443	70.718	ug/L	0.00
24) Chloroform-d	4.246	84	699093	44.033	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	404050	44.040	ug/L	0.00
32) Benzene-d6	4.953	84	1355055	48.992	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	408962	44.987	ug/L	0.00
41) Toluene-d8	7.233	98	1312267	52.996	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.542	79	215463	52.871	ug/L	0.00
47) 2-Hexanone-d5	8.011	63	285414	79.840	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.140	84	606033	44.900	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.545	152	444393	48.015	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	328817	32.717	ug/L	100
3) Chloromethane	1.227	50	366430	35.506	ug/L	100
5) Vinyl chloride	1.294	62	426209	39.416	ug/L	100
6) Bromomethane	1.497	94	229668	42.213	ug/L	100
8) Chloroethane	1.558	64	265110	40.562	ug/L	100
9) Trichlorofluoromethane	1.725	101	593218	41.173	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	378762	43.685	ug/L	100
12) 1,1-Dichloroethene	2.079	96	337530	43.346	ug/L	100
13) Acetone	2.114	43	526693	124.372	ug/L	100
14) Carbon disulfide	2.249	76	1086157	45.365	ug/L	100
15) Methyl Acetate	2.378	43	358929	35.919	ug/L	100
16) Methylene chloride	2.455	84	359322	40.360	ug/L	100
17) trans-1,2-Dichloroethene	2.699	96	341586	43.943	ug/L	100
18) Methyl tert-butyl Ether	2.706	73	997083	42.995	ug/L	100
19) 1,1-Dichloroethane	3.114	63	620254	39.090	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	372013	44.657	ug/L	100
22) 2-Butanone	3.857	43	486645	81.822	ug/L	100
23) Bromochloromethane	4.146	128	193023	43.530	ug/L	100
25) Chloroform	4.272	83	659207	41.716	ug/L	100
27) 1,2-Dichloroethane	5.034	62	488706	41.206	ug/L	100
29) Cyclohexane	4.580	56	560533	45.594	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	582563	45.265	ug/L	100
31) Carbon tetrachloride	4.731	117	521665	46.363	ug/L	100
33) Benzene	5.005	78	1402247	45.884	ug/L	100
34) Trichloroethene	5.825	95	359350	44.352	ug/L	100
35) Methylcyclohexane	6.043	83	618159	48.278	ug/L	100
37) 1,2-Dichloropropane	6.085	63	365573	42.024	ug/L	100
38) Bromodichloromethane	6.423	83	513047	44.688	ug/L	100
39) cis-1,3-Dichloropropene	6.944	75	590105	46.805	ug/L	100
40) 4-Methyl-2-pentanone	7.143	43	1028272	87.903	ug/L	100
42) Toluene	7.304	91	1607021	50.281	ug/L	100
44) trans-1,3-Dichloropropene	7.571	75	611094	49.457	ug/L	100

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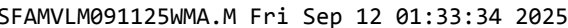
Instrument :
 MSVOA_V
 ClientSampleId :

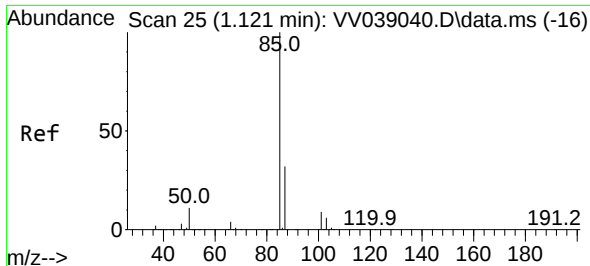
Quant Time: Sep 12 01:33:24 2025
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 QLast Update : Fri Sep 12 01:30:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.757	97	400735	45.871	ug/L	100
46) Tetrachloroethene	7.895	164	285763	47.319	ug/L	100
48) 2-Hexanone	8.059	43	727515	85.993	ug/L	100
49) Dibromochloromethane	8.165	129	403060	45.604	ug/L	100
50) 1,2-Dibromoethane	8.268	107	396168	44.624	ug/L	100
51) Chlorobenzene	8.802	112	960070	44.989	ug/L	100
52) Ethylbenzene	8.934	91	1637853	47.986	ug/L	100
53) m,p-Xylene	9.059	106	630360	50.275	ug/L	100
54) o-Xylene	9.464	106	592940	48.861	ug/L	100
55) Styrene	9.484	104	1094045	51.878	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.162	83	604558	42.721	ug/L	100
59) Bromoform	9.651	173	300485	45.412	ug/L	100
60) Isopropylbenzene	9.857	105	1628547	48.491	ug/L	100
61) 1,2,3-Trichloropropane	10.194	75	456887	40.393	ug/L	100
62) 1,3,5-Trimethylbenzene	10.464	105	1296323	49.487	ug/L	100
63) 1,2,4-Trimethylbenzene	10.837	105	1290961	50.054	ug/L	100
64) 1,3-Dichlorobenzene	11.104	146	750471	46.747	ug/L	100
65) 1,4-Dichlorobenzene	11.194	146	788763	45.642	ug/L	100
67) 1,2-Dichlorobenzene	11.564	146	747209	46.055	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.352	75	131697	40.525	ug/L	100
69) 1,3,5-Trichlorobenzene	12.567	180	479200	45.143	ug/L	100
70) 1,2,4-trichlorobenzene	13.184	180	420047	46.263	ug/L	100
71) Naphthalene	13.426	128	1535223	47.978	ug/L	100
72) 1,2,3-Trichlorobenzene	13.667	180	464804	48.871	ug/L	100

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

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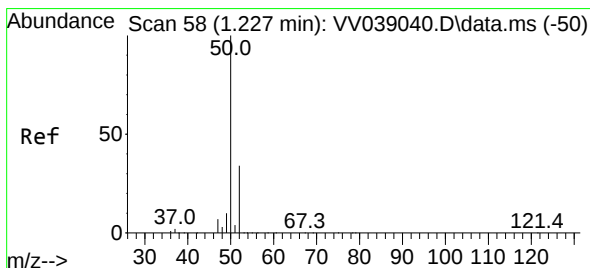
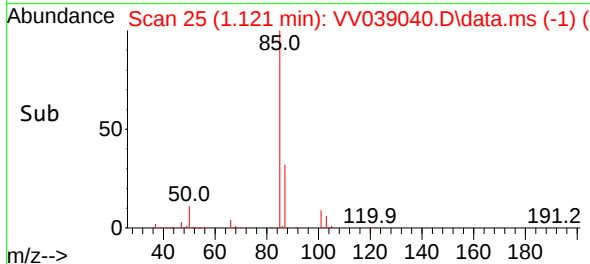
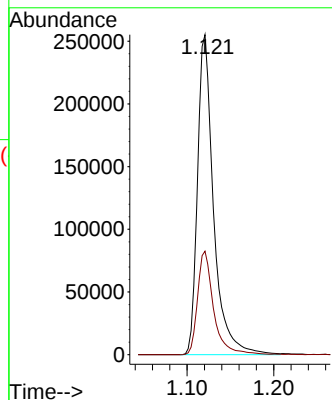
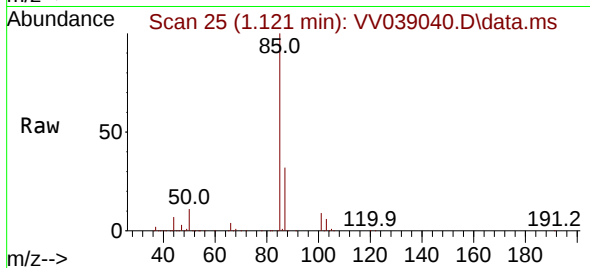




#2
 Dichlorodifluoromethane
 Concen: 32.717 ug/L
 RT: 1.121 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: VV039040.D
 Acq: 11 Sep 2025 11:55

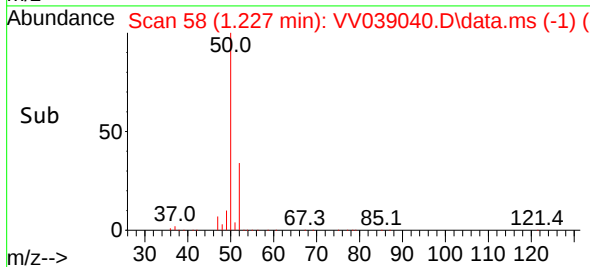
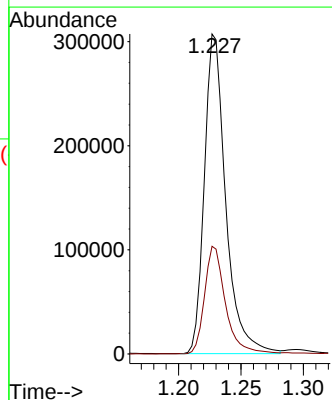
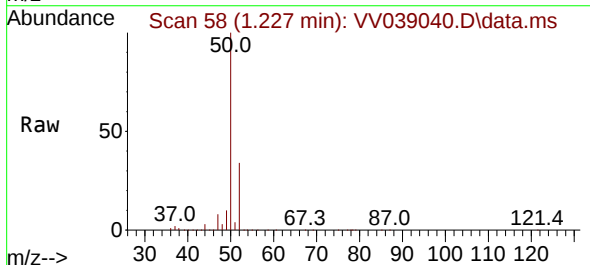
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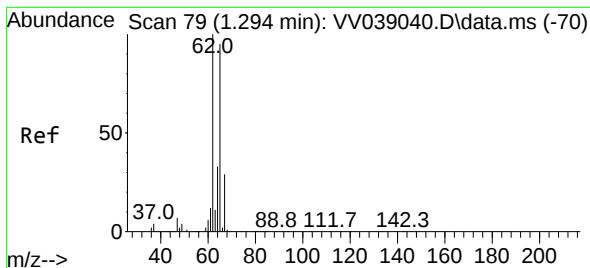
Tgt Ion: 85 Resp: 328817
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 35.506 ug/L
 RT: 1.227 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VV039040.D
 Acq: 11 Sep 2025 11:55

Tgt Ion: 50 Resp: 366430
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.6 43.8





#5

Vinyl chloride

Concen: 39.416 ug/L

RT: 1.294 min Scan# 79

Delta R.T. 0.000 min

Lab File: VV039040.D

Acq: 11 Sep 2025 11:55

Instrument :

MSVOA_V

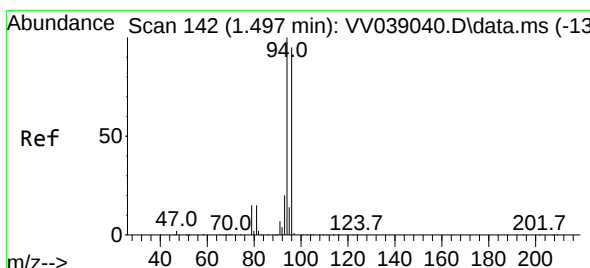
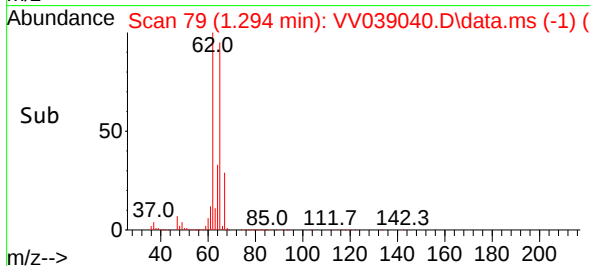
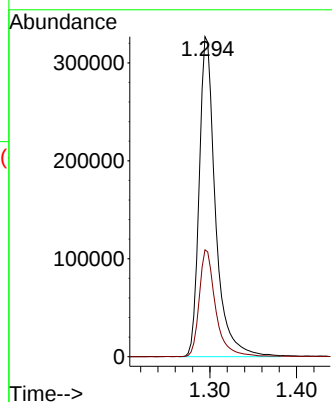
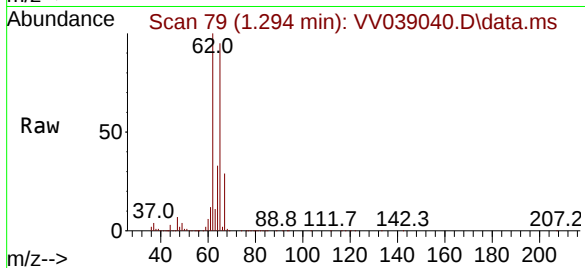
ClientSampleId :

Tgt Ion: 62 Resp: 426209

Ion Ratio Lower Upper

62 100

64 33.4 23.4 43.4



#6

Bromomethane

Concen: 42.213 ug/L

RT: 1.497 min Scan# 142

Delta R.T. 0.000 min

Lab File: VV039040.D

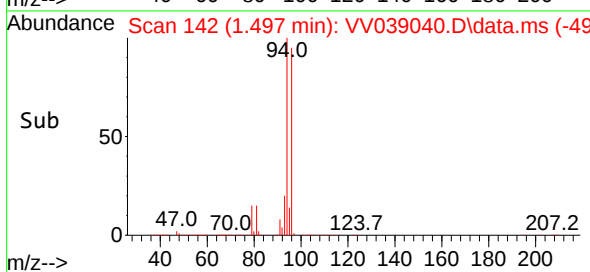
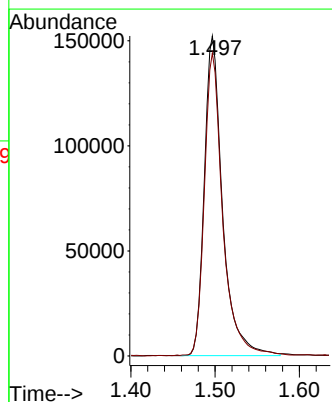
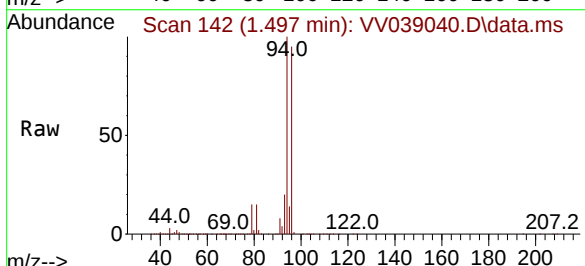
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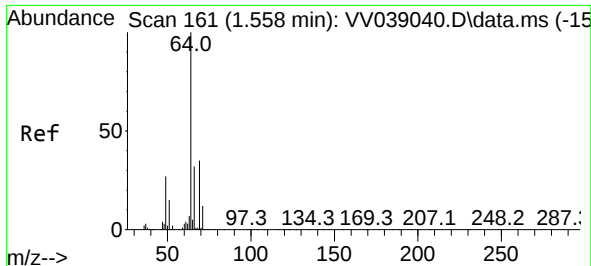
Tgt Ion: 94 Resp: 229668

Ion Ratio Lower Upper

94 100

96 94.7 66.3 123.1

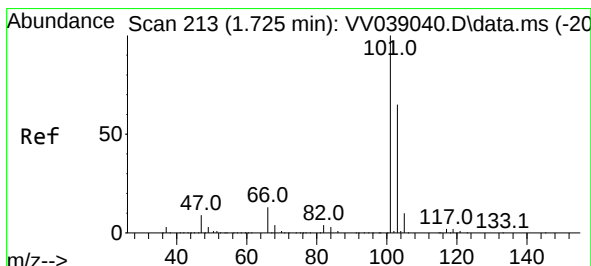
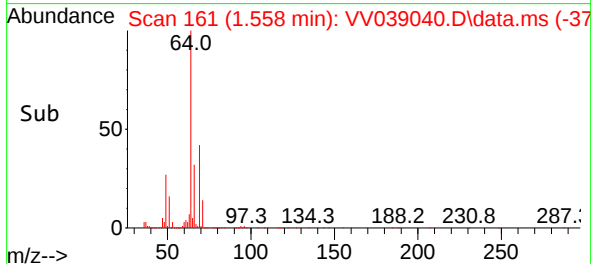
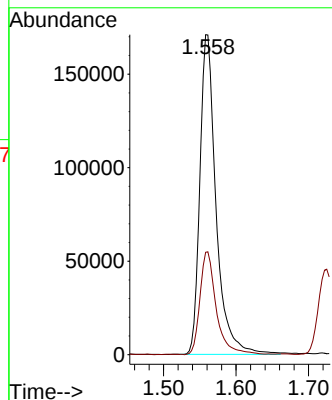
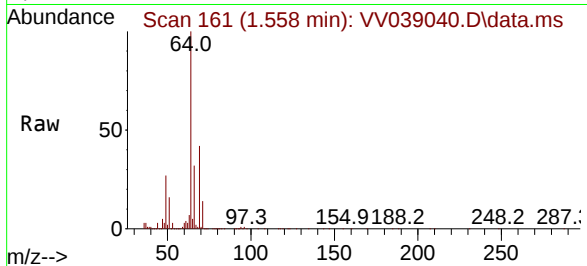




#8
Chloroethane
Concen: 40.562 ug/L
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

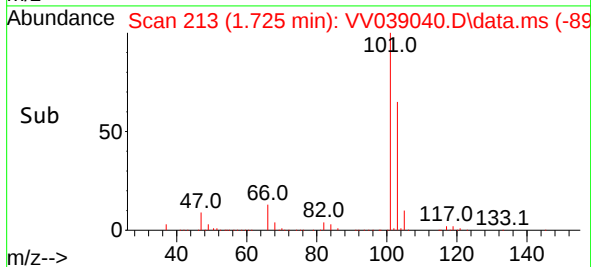
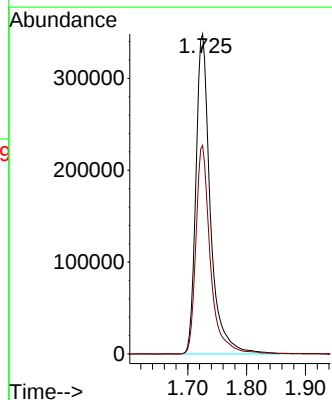
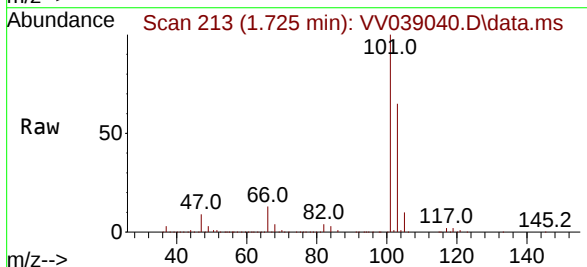
Instrument :
MSVOA_V
ClientSampleId :

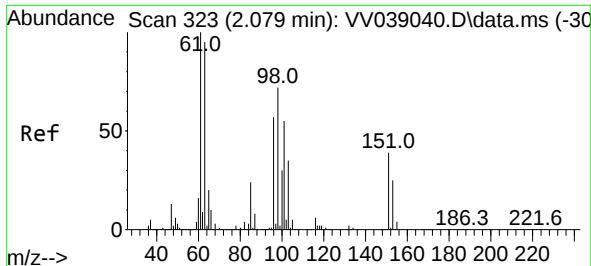
Tgt Ion: 64 Resp: 265110
Ion Ratio Lower Upper
64 100
66 32.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 41.173 ug/L
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

Tgt Ion: 101 Resp: 593218
Ion Ratio Lower Upper
101 100
103 65.1 52.1 78.1

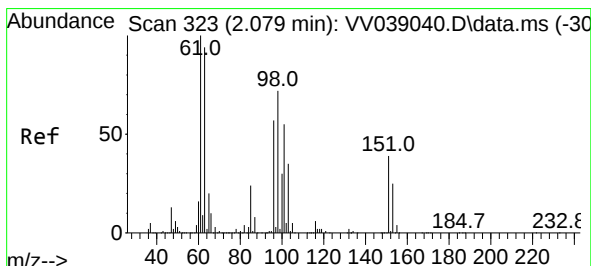
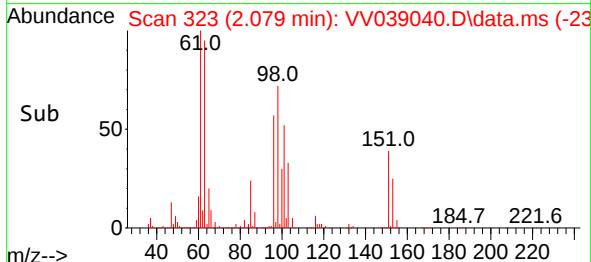
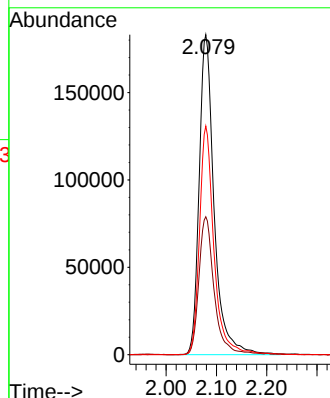
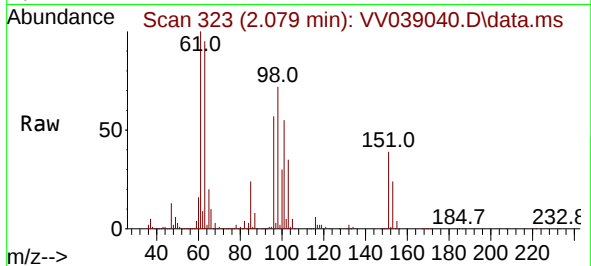




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 43.685 ug/L
 RT: 2.079 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV039040.D
 Acq: 11 Sep 2025 11:55

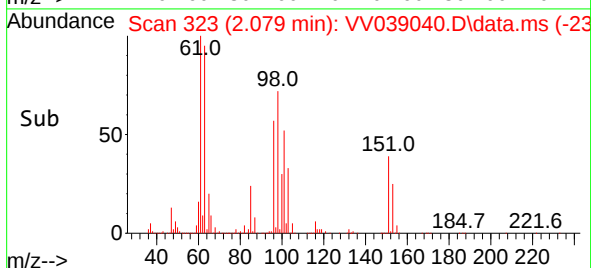
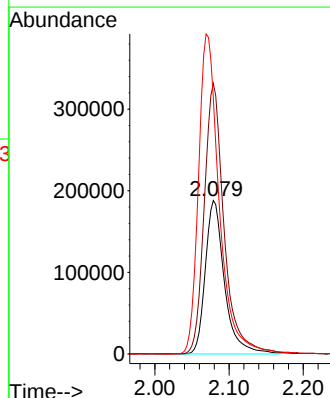
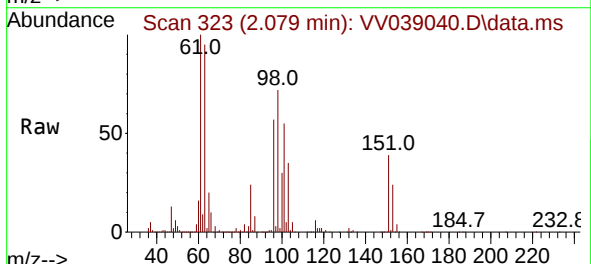
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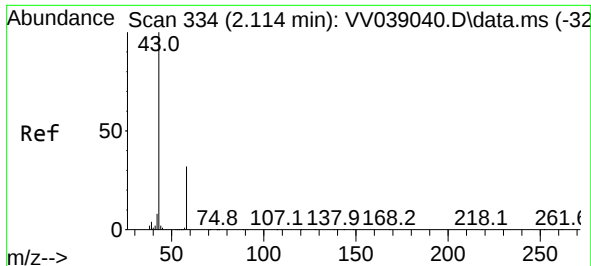
Tgt Ion:101 Resp: 378762
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.7 52.1
 151 68.2 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 43.346 ug/L
 RT: 2.079 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: VV039040.D
 Acq: 11 Sep 2025 11:55

Tgt Ion: 96 Resp: 337530
 Ion Ratio Lower Upper
 96 100
 61 176.2 123.3 229.1
 63 166.6 116.6 216.6

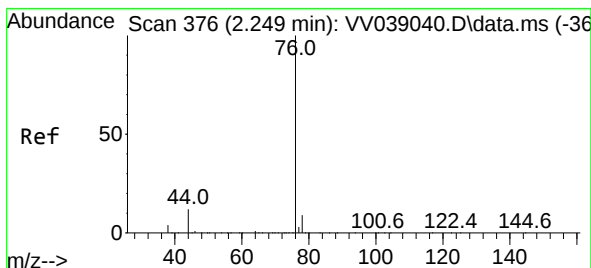
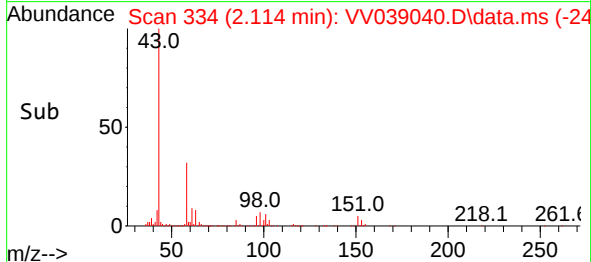
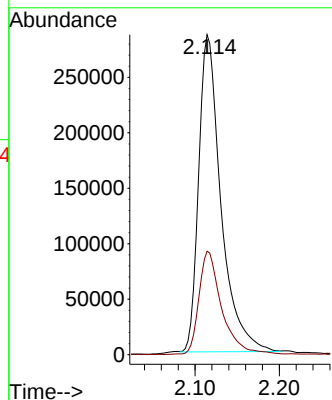
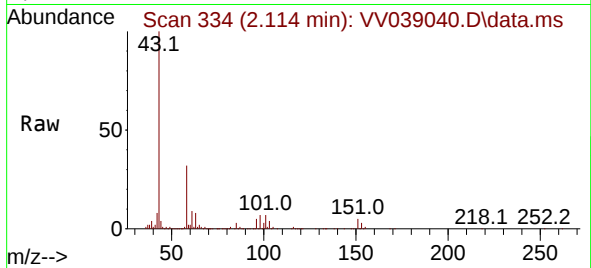




#13
Acetone
Concen: 124.372 ug/L
RT: 2.114 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

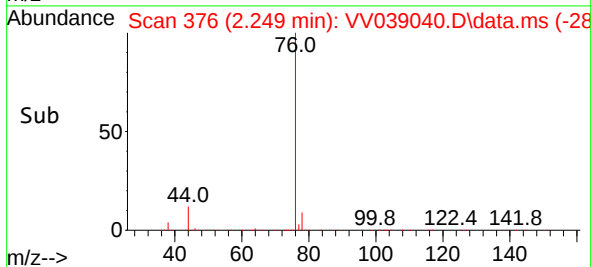
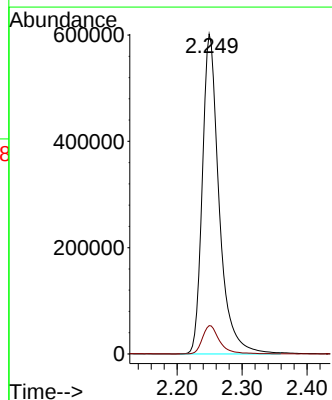
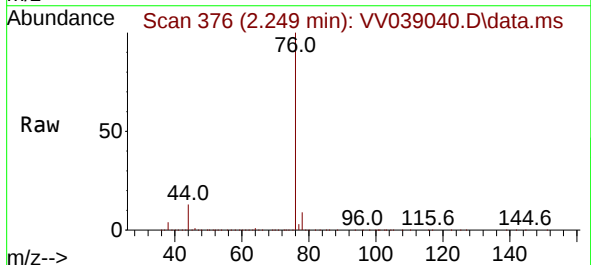
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ClientSampleId :

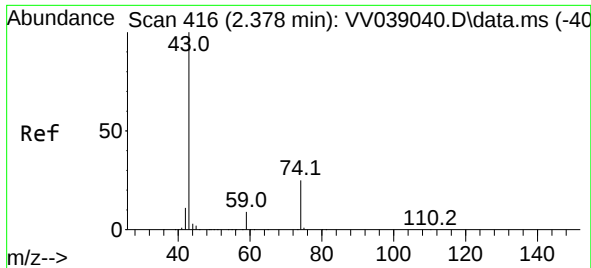
Tgt Ion: 43 Resp: 526693
Ion Ratio Lower Upper
43 100
58 32.9 0.0 65.8



#14
Carbon disulfide
Concen: 45.365 ug/L
RT: 2.249 min Scan# 376
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

Tgt Ion: 76 Resp: 1086157
Ion Ratio Lower Upper
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78 8.8 7.0 10.6

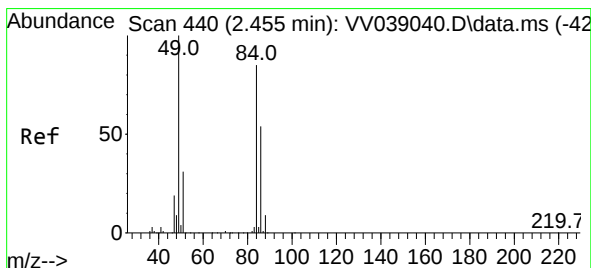
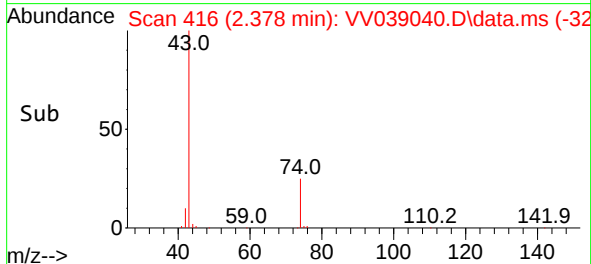
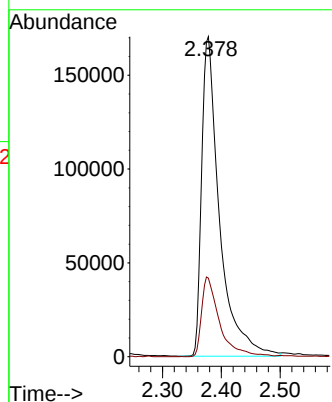
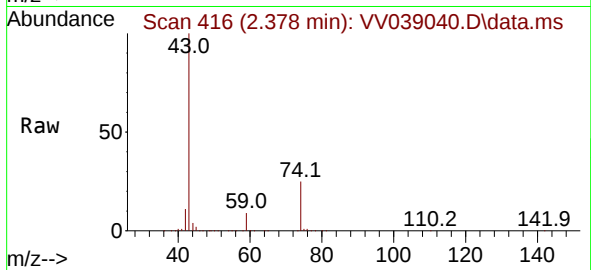




#15
Methyl Acetate
Concen: 35.919 ug/L
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

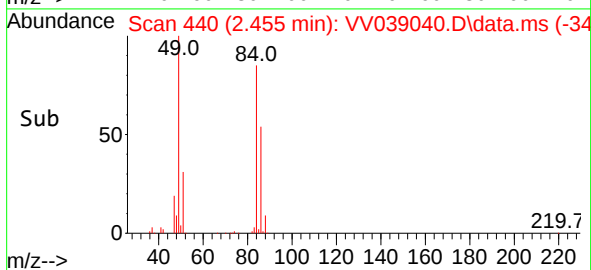
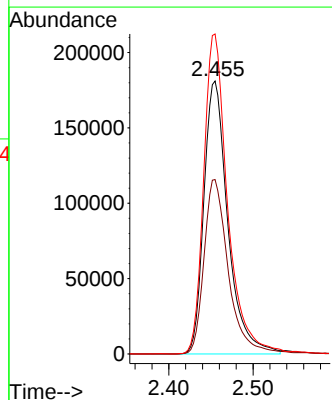
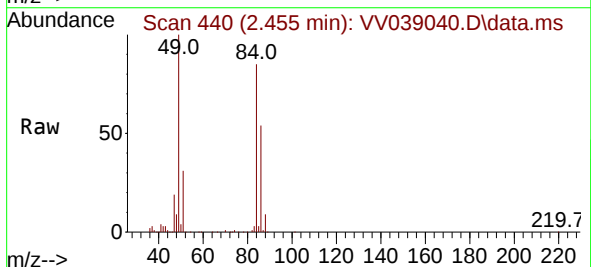
Instrument :
MSVOA_V
ClientSampleId :

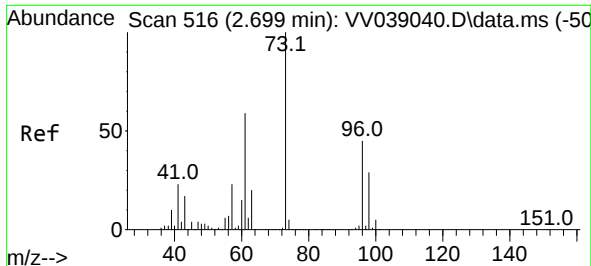
Tgt Ion: 43 Resp: 358929
Ion Ratio Lower Upper
43 100
74 24.5 19.6 29.4



#16
Methylene chloride
Concen: 40.360 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

Tgt Ion: 84 Resp: 359322
Ion Ratio Lower Upper
84 100
86 63.9 44.7 83.1
49 117.2 82.0 152.4





#17

trans-1,2-Dichloroethene

Concen: 43.943 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV039040.D

Acq: 11 Sep 2025 11:55

Instrument :

MSVOA_V

ClientSampleId :

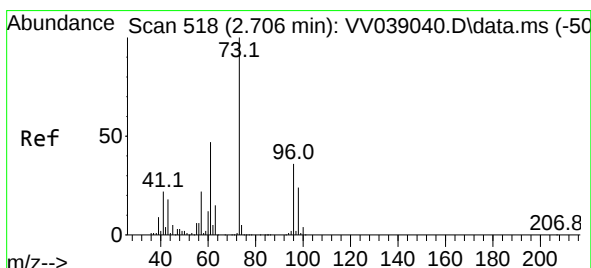
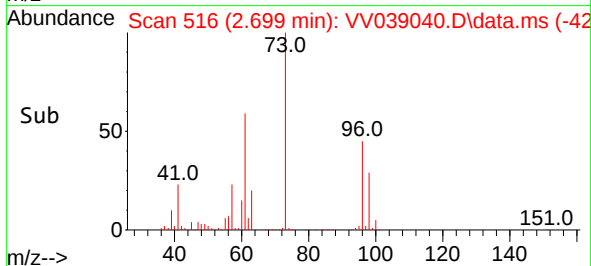
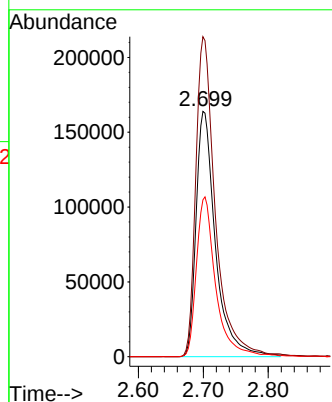
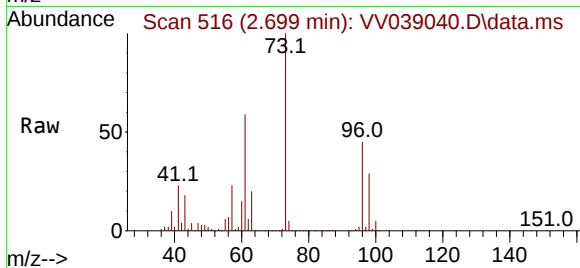
Tgt Ion: 96 Resp: 341586

Ion Ratio Lower Upper

96 100

61 130.4 91.3 169.5

98 63.9 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 42.995 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV039040.D

Acq: 11 Sep 2025 11:55

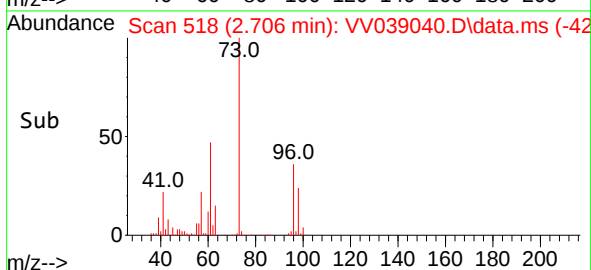
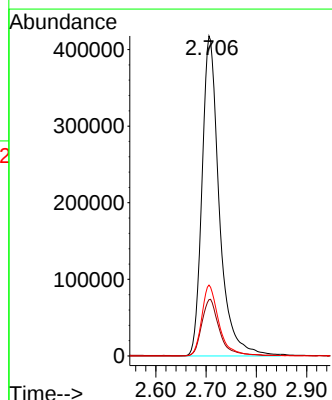
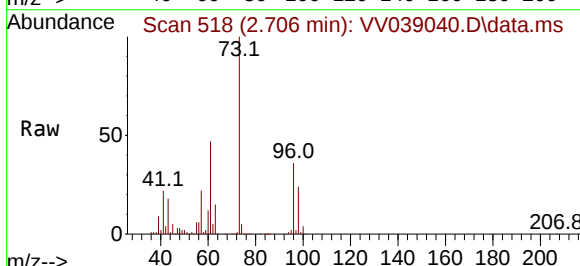
Tgt Ion: 73 Resp: 997083

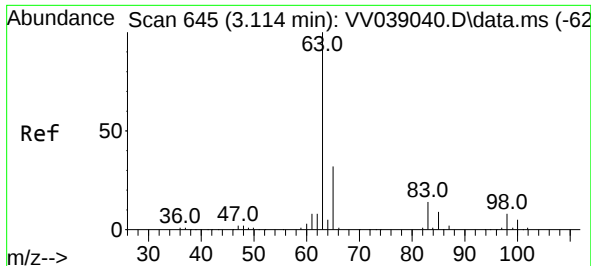
Ion Ratio Lower Upper

73 100

43 17.8 14.2 21.4

57 21.9 17.5 26.3

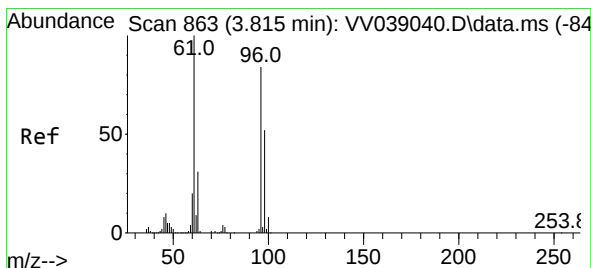
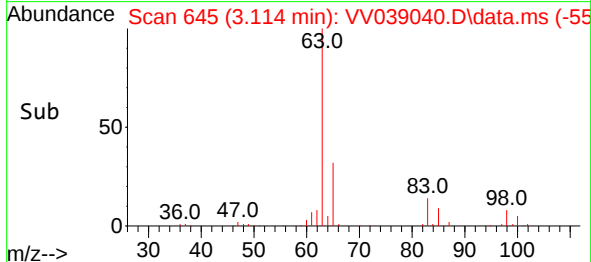
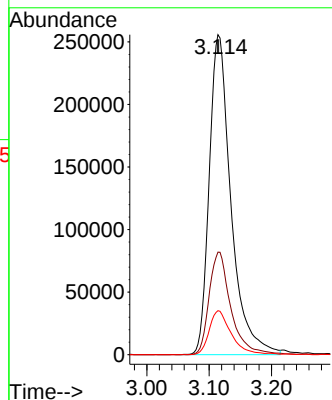
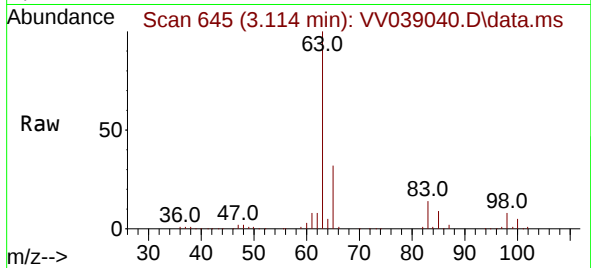




#19
1,1-Dichloroethane
Concen: 39.090 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

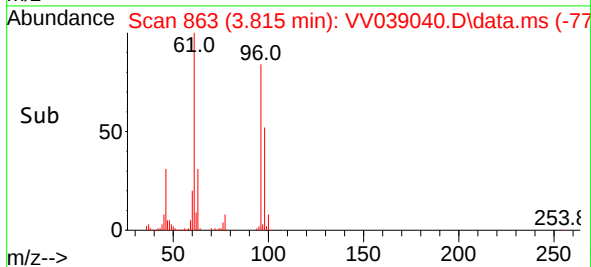
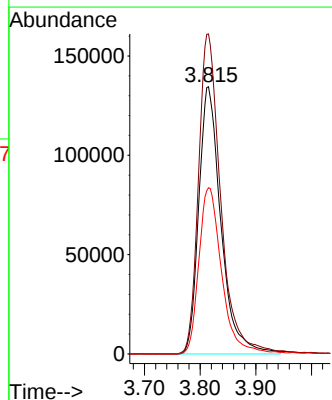
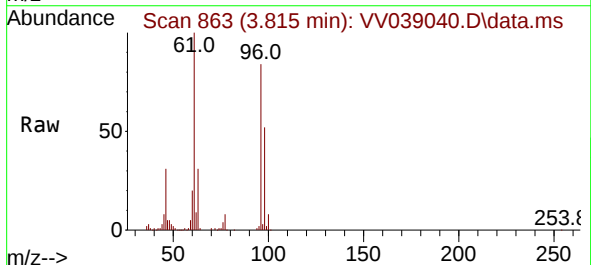
Instrument :
MSVOA_V
ClientSampleId :

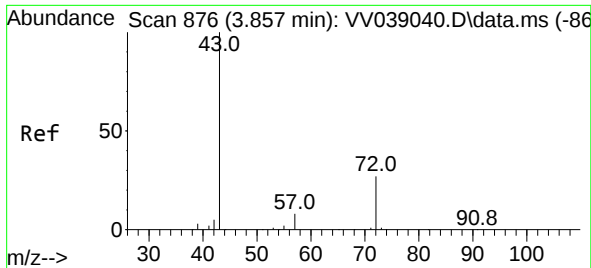
Tgt Ion: 63 Resp: 620254
Ion Ratio Lower Upper
63 100
65 32.0 22.4 41.6
83 13.7 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 44.657 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

Tgt Ion: 96 Resp: 372013
Ion Ratio Lower Upper
96 100
61 119.7 83.8 155.6
98 62.2 43.5 80.9

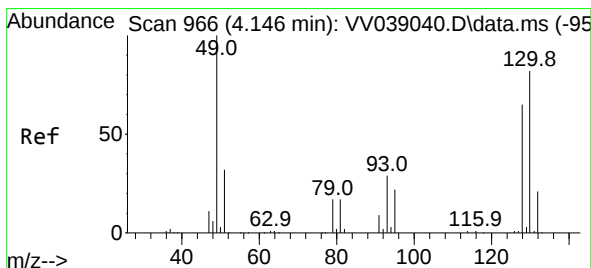
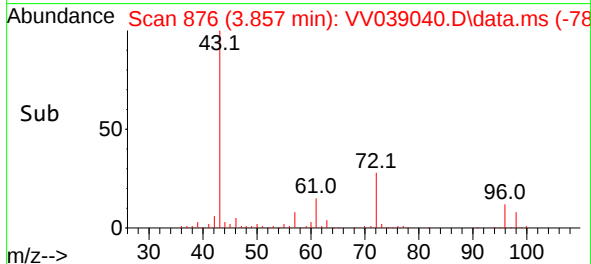
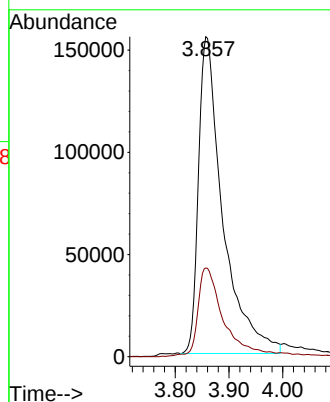
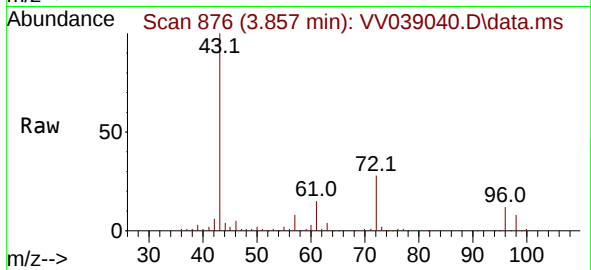




#22
2-Butanone
Concen: 81.822 ug/L
RT: 3.857 min Scan# 876
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

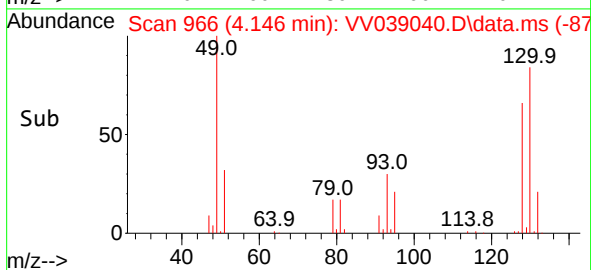
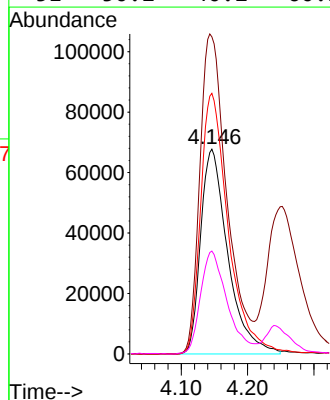
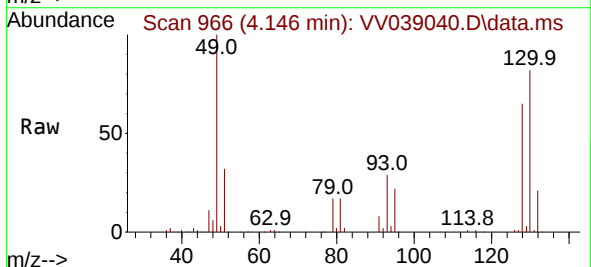
Instrument :
MSVOA_V
ClientSampleId :

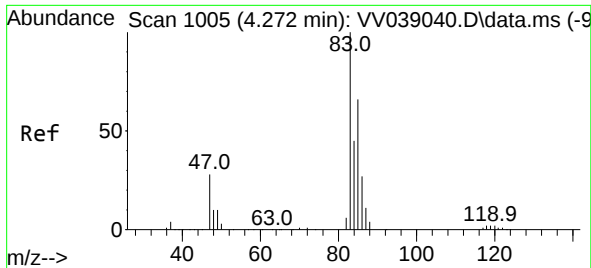
Tgt Ion: 43 Resp: 486645
Ion Ratio Lower Upper
43 100
72 26.3 13.2 39.5



#23
Bromochloromethane
Concen: 43.530 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

Tgt Ion:128 Resp: 193023
Ion Ratio Lower Upper
128 100
49 154.9 108.4 201.4
130 127.3 89.1 165.5
51 50.2 40.2 60.2

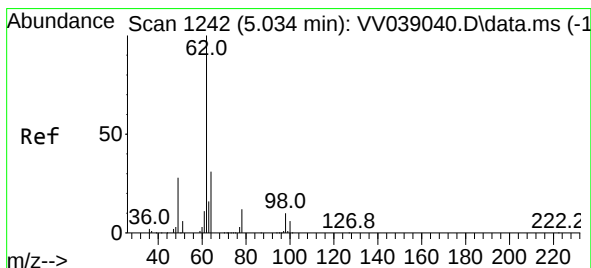
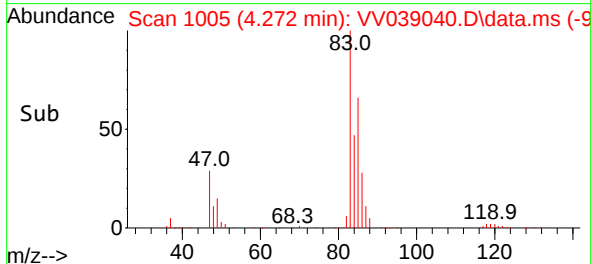
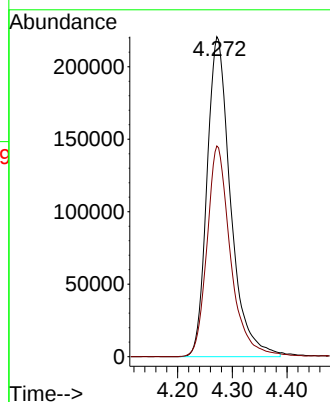
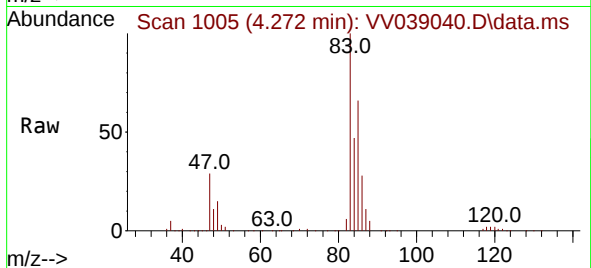




#25
Chloroform
Concen: 41.716 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

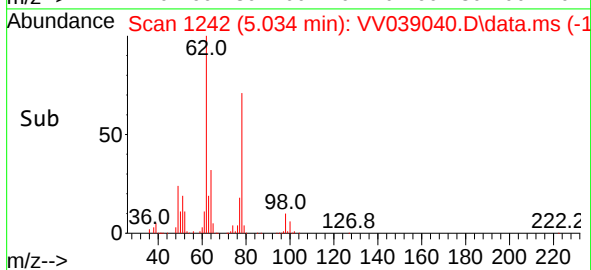
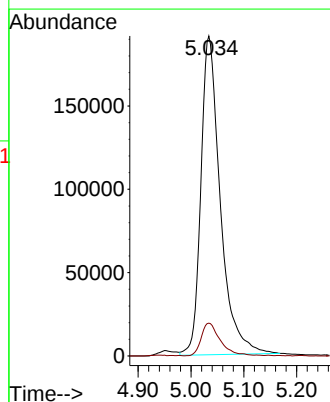
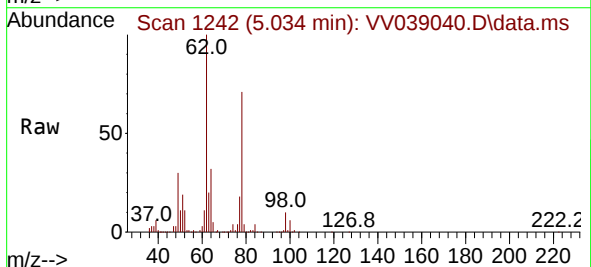
Instrument :
MSVOA_V
ClientSampleId :

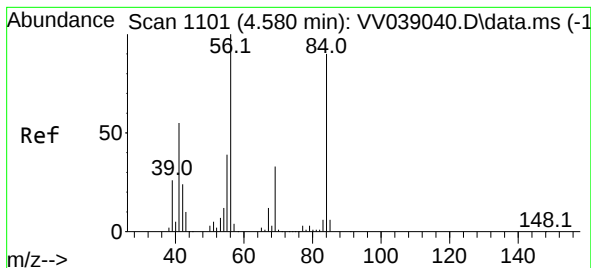
Tgt Ion: 83 Resp: 659207
Ion Ratio Lower Upper
83 100
85 65.8 46.1 85.5



#27
1,2-Dichloroethane
Concen: 41.206 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

Tgt Ion: 62 Resp: 488706
Ion Ratio Lower Upper
62 100
98 10.3 8.2 12.4





#29

Cyclohexane

Concen: 45.594 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

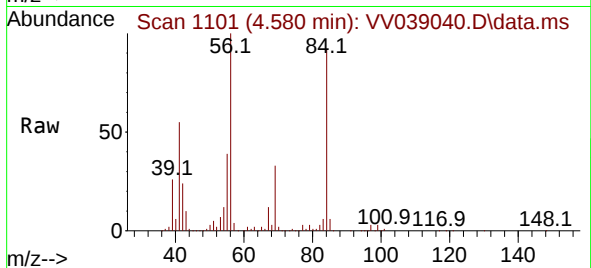
Lab File: VV039040.D

Acq: 11 Sep 2025 11:55

Instrument :

MSVOA_V

ClientSampleId :



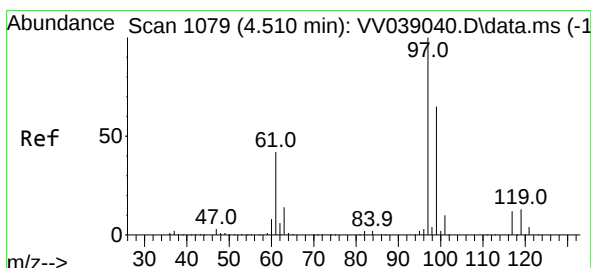
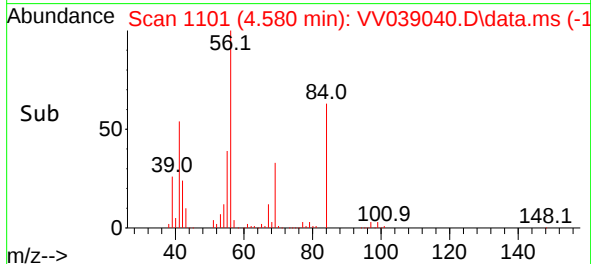
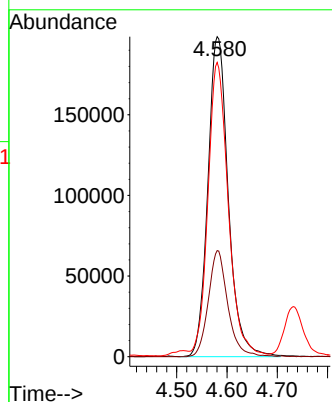
Tgt Ion: 56 Resp: 560533

Ion Ratio Lower Upper

56 100

69 31.4 25.1 37.7

84 91.2 73.0 109.4



#30

1,1,1-Trichloroethane

Concen: 45.265 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV039040.D

Acq: 11 Sep 2025 11:55

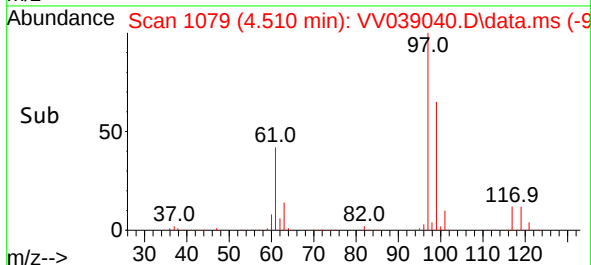
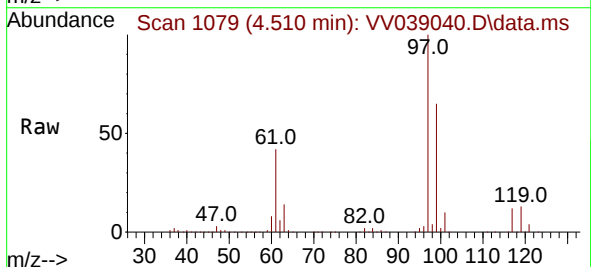
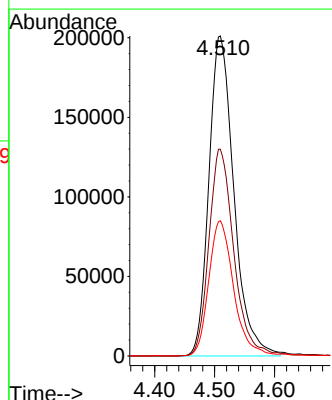
Tgt Ion: 97 Resp: 582563

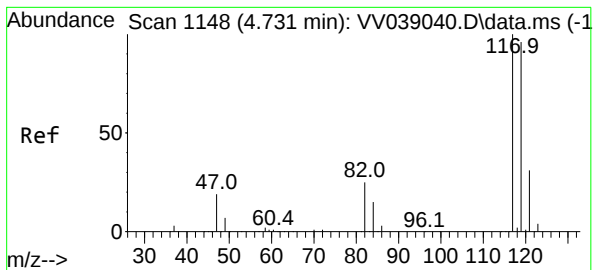
Ion Ratio Lower Upper

97 100

99 63.9 51.1 76.7

61 42.1 33.7 50.5

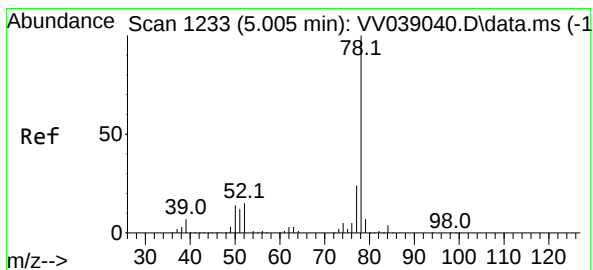
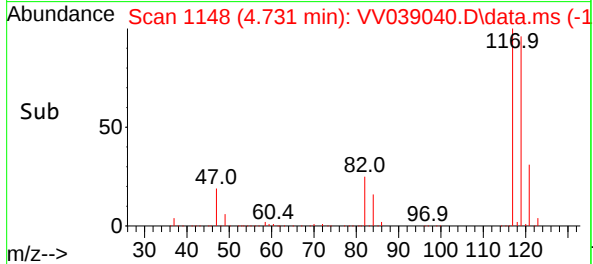
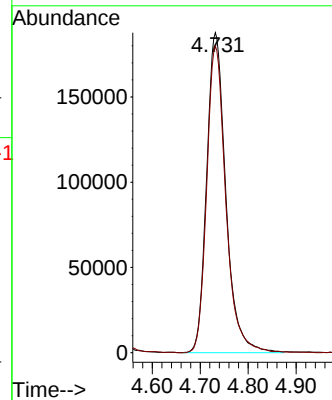
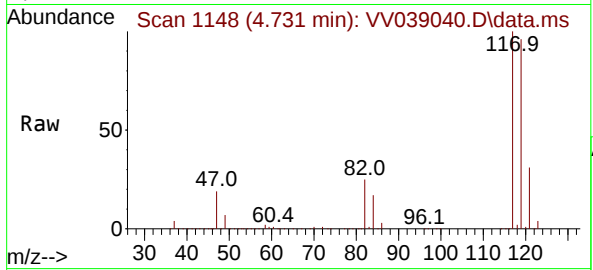




#31
Carbon tetrachloride
Concen: 46.363 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

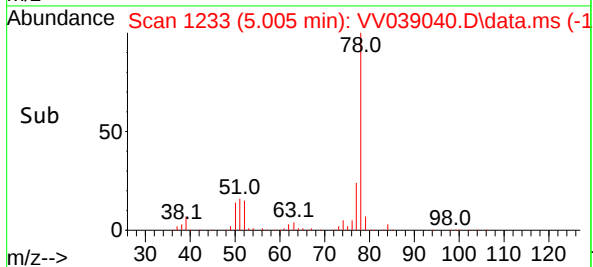
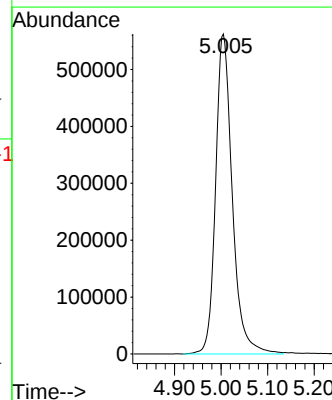
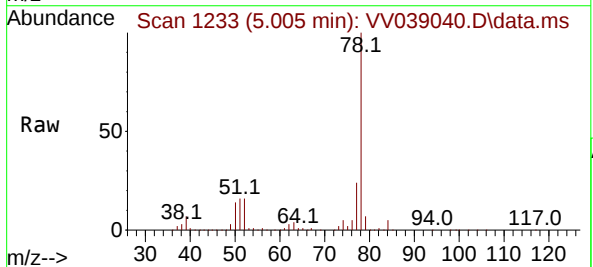
Instrument :
MSVOA_V
ClientSampleId :

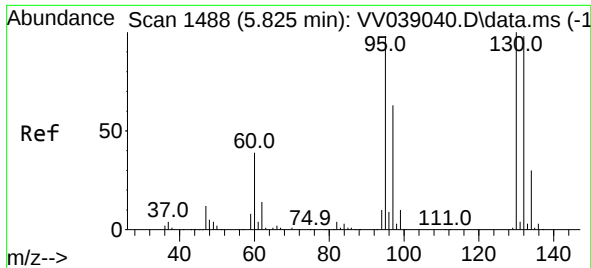
Tgt Ion:117 Resp: 521665
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.4



#33
Benzene
Concen: 45.884 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

Tgt Ion: 78 Resp: 1402247

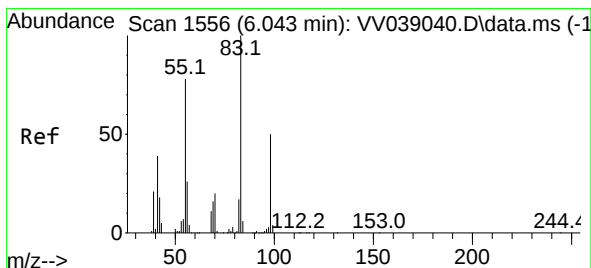
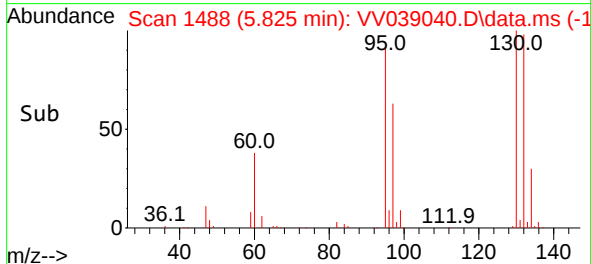
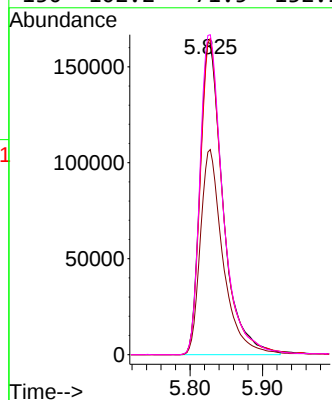
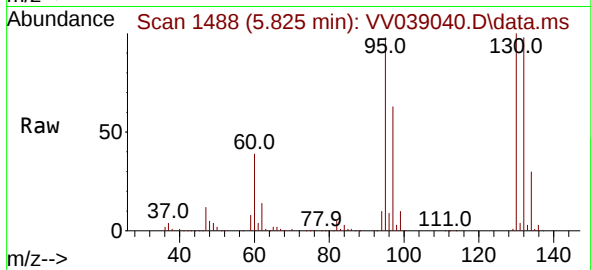




#34
Trichloroethene
Concen: 44.352 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

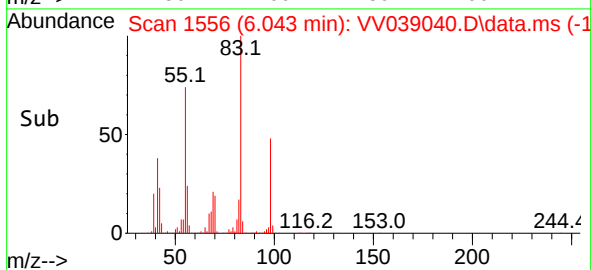
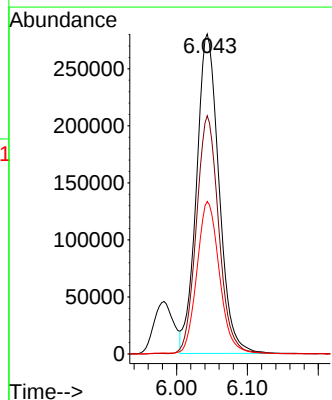
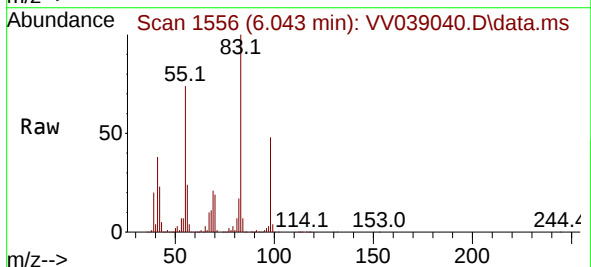
Instrument :
MSVOA_V
ClientSampleId :

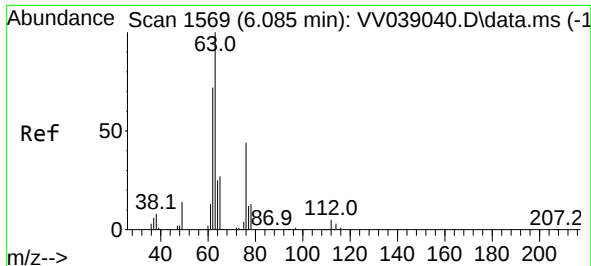
Tgt Ion: 95 Resp: 359350
Ion Ratio Lower Upper
95 100
97 64.8 45.4 84.2
132 99.8 69.9 129.7
130 102.2 71.5 132.9



#35
Methylcyclohexane
Concen: 48.278 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

Tgt Ion: 83 Resp: 618159
Ion Ratio Lower Upper
83 100
55 73.8 59.0 88.6
98 47.1 37.7 56.5





#37

1,2-Dichloropropane

Concen: 42.024 ug/L

RT: 6.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039040.D

Acq: 11 Sep 2025 11:55

Instrument :

MSVOA_V

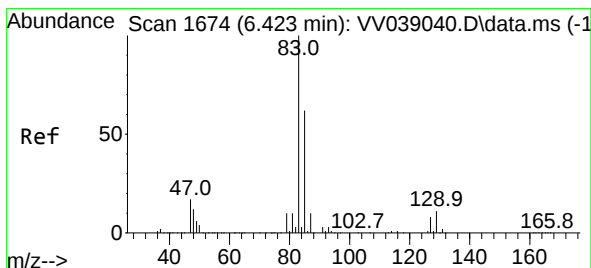
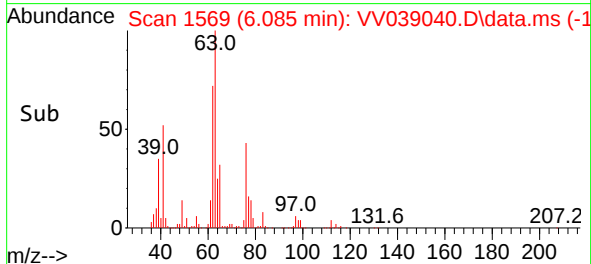
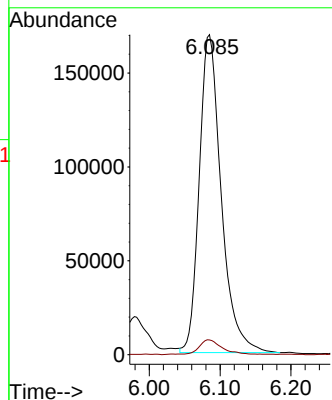
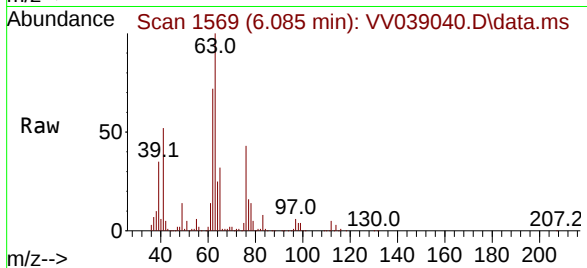
ClientSampleId :

Tgt Ion: 63 Resp: 365573

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 44.688 ug/L

RT: 6.423 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VV039040.D

Acq: 11 Sep 2025 11:55

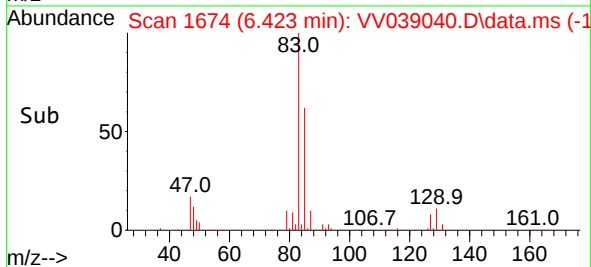
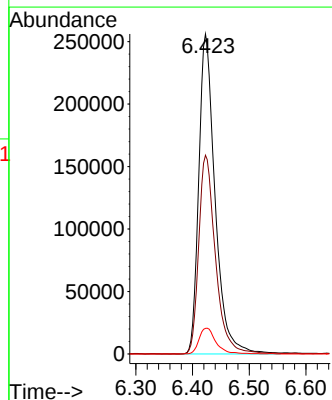
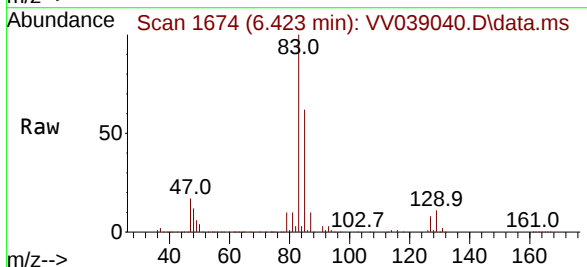
Tgt Ion: 83 Resp: 513047

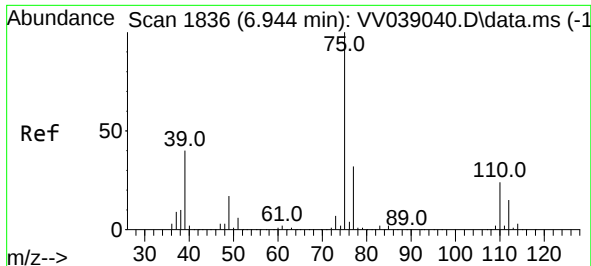
Ion Ratio Lower Upper

83 100

85 62.1 43.5 80.7

127 8.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 46.805 ug/L

RT: 6.944 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VV039040.D

Acq: 11 Sep 2025 11:55

Instrument :

MSVOA_V

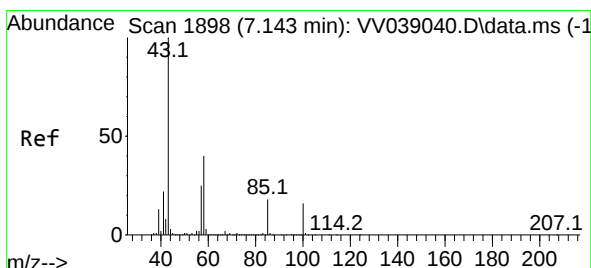
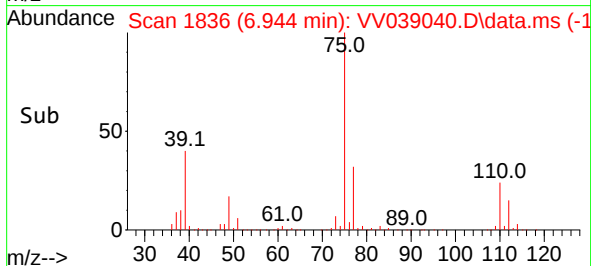
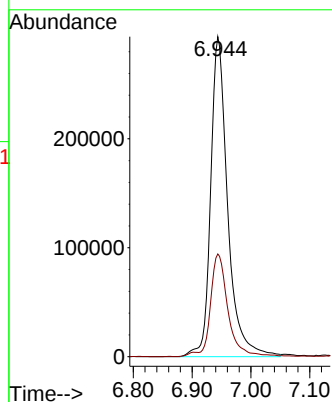
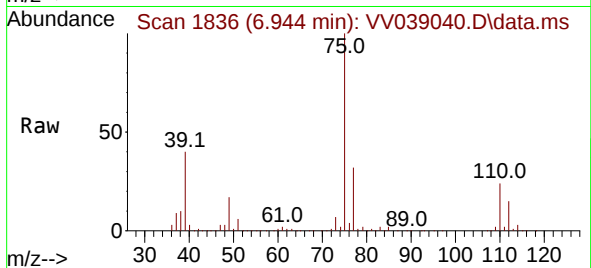
ClientSampleId :

Tgt Ion: 75 Resp: 590105

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 87.903 ug/L

RT: 7.143 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VV039040.D

Acq: 11 Sep 2025 11:55

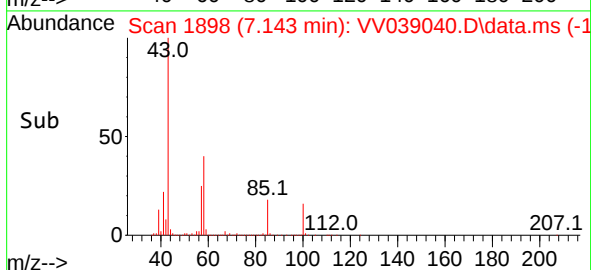
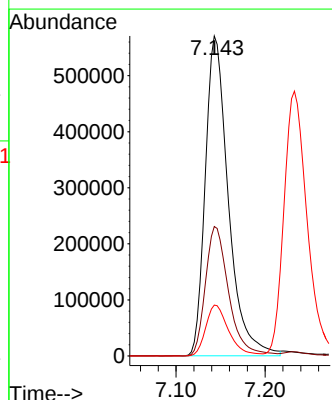
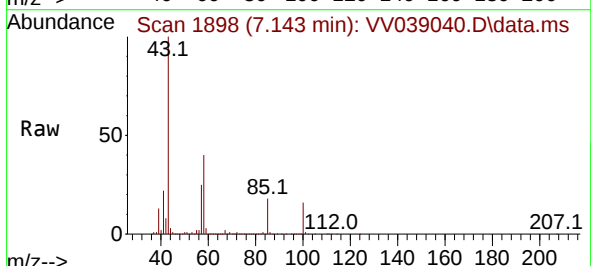
Tgt Ion: 43 Resp: 1028272

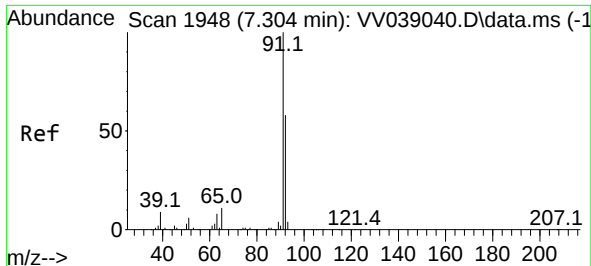
Ion Ratio Lower Upper

43 100

58 40.7 32.6 48.8

100 15.9 12.7 19.1

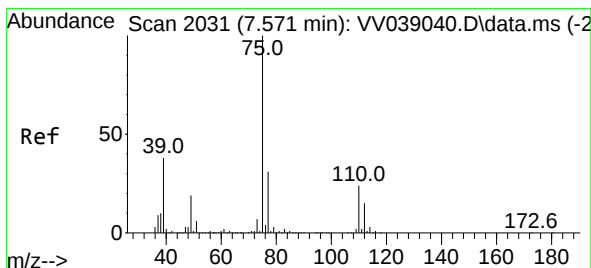
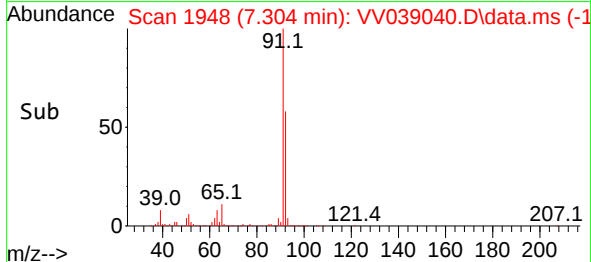
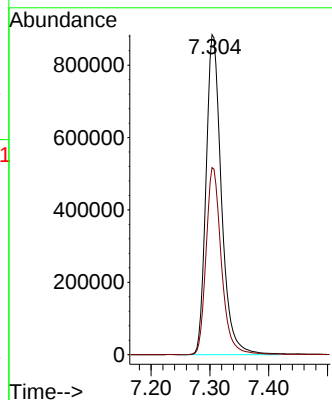
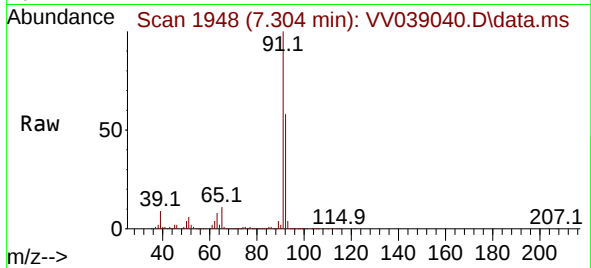




#42
Toluene
Concen: 50.281 ug/L
RT: 7.304 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

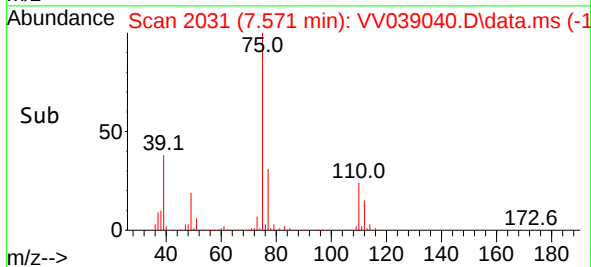
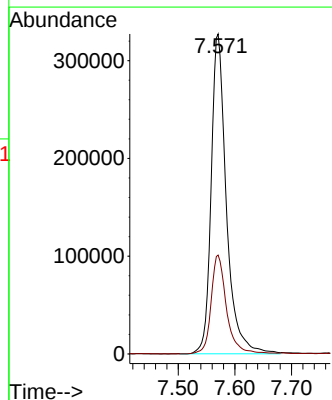
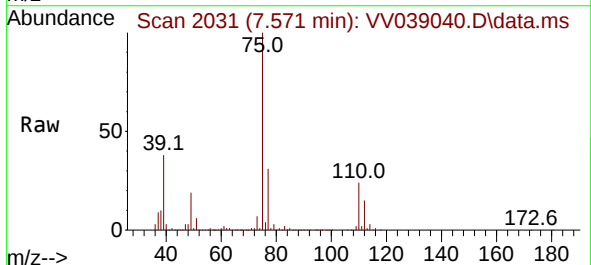
Instrument :
MSVOA_V
ClientSampleId :

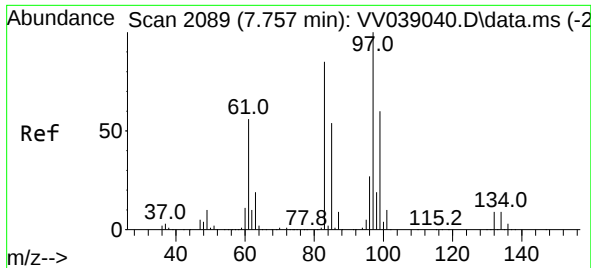
Tgt Ion: 91 Resp: 1607021
Ion Ratio Lower Upper
91 100
92 58.4 40.9 75.9



#44
trans-1,3-Dichloropropene
Concen: 49.457 ug/L
RT: 7.571 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

Tgt Ion: 75 Resp: 611094
Ion Ratio Lower Upper
75 100
77 30.9 21.6 40.2



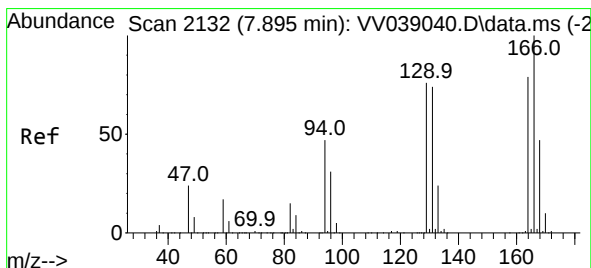
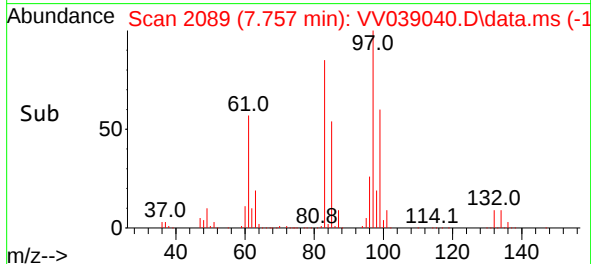
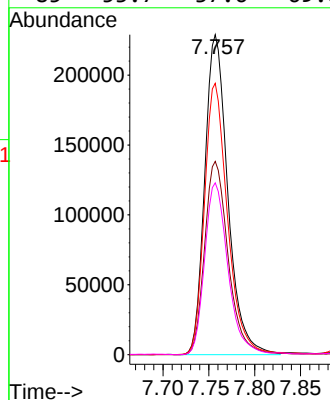
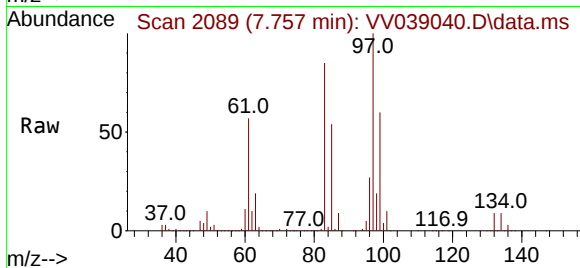


#45
1,1,2-Trichloroethane
Concen: 45.871 ug/L
RT: 7.757 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 400735

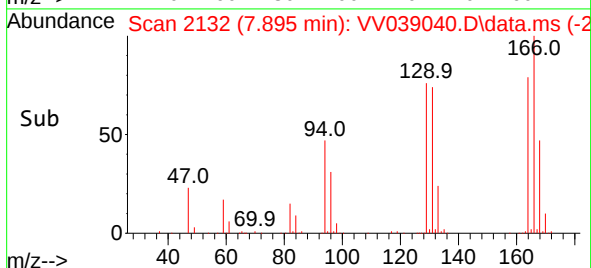
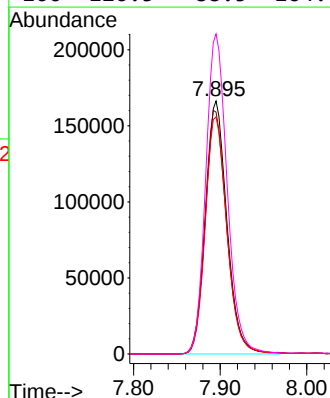
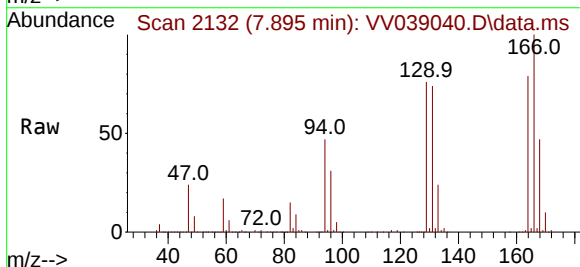
Ion	Ratio	Lower	Upper
97	100		
99	60.4	42.3	78.5
83	84.8	59.4	110.2
85	53.7	37.6	69.8

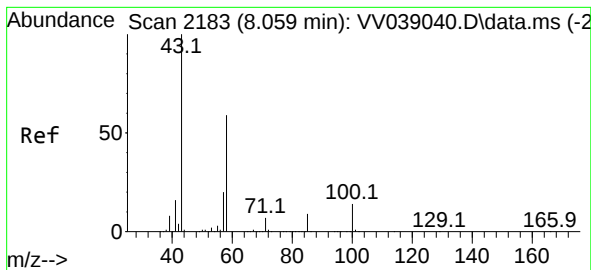


#46
Tetrachloroethene
Concen: 47.319 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

Tgt Ion: 164 Resp: 285763

Ion	Ratio	Lower	Upper
164	100		
129	95.7	67.0	124.4
131	93.7	65.6	121.8
166	126.5	88.5	164.4





#48

2-Hexanone

Concen: 85.993 ug/L

RT: 8.059 min Scan# 2183

Delta R.T. 0.000 min

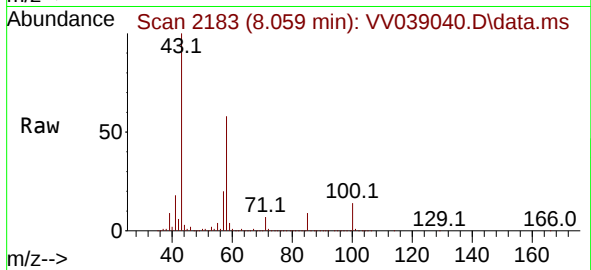
Lab File: VV039040.D

Acq: 11 Sep 2025 11:55

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 727515

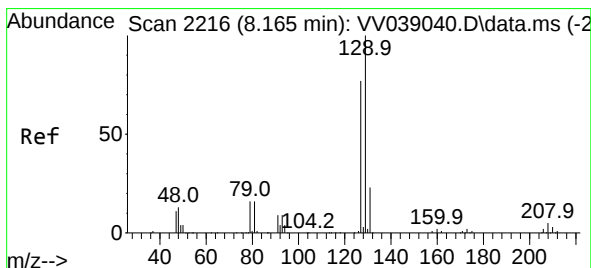
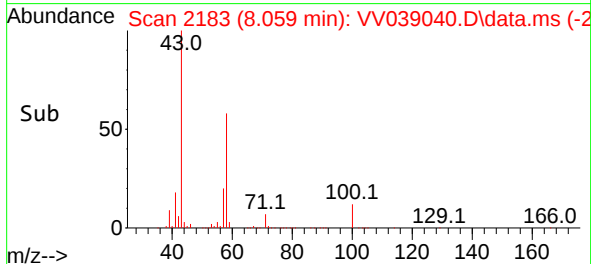
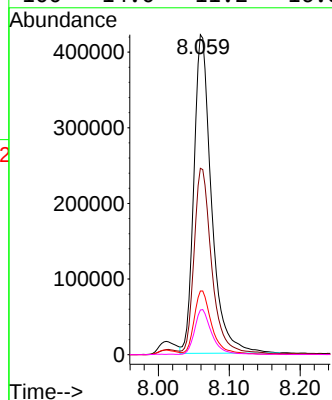
Ion	Ratio	Lower	Upper
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43	100		
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58	57.9	46.3	69.5
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57	19.7	15.8	23.6
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100	14.0	11.2	16.8
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#49

Dibromochloromethane

Concen: 45.604 ug/L

RT: 8.165 min Scan# 2216

Delta R.T. 0.000 min

Lab File: VV039040.D

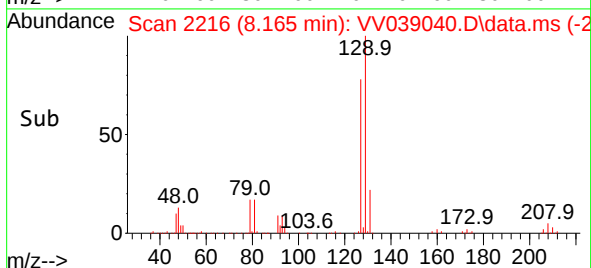
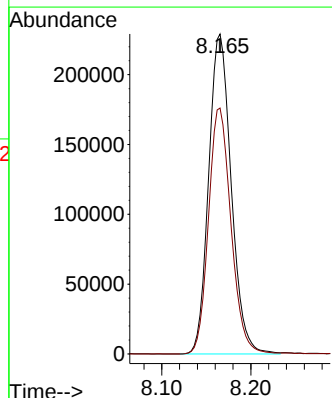
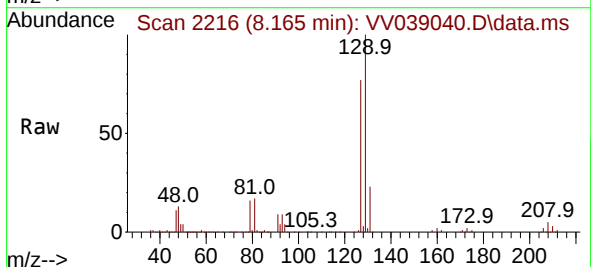
Acq: 11 Sep 2025 11:55

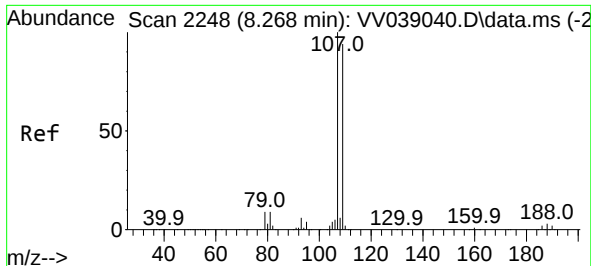
Tgt Ion: 129 Resp: 403060

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

129	100		
-----	-----	--	--

127	76.9	53.8	100.0
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#50

1,2-Dibromoethane

Concen: 44.624 ug/L

RT: 8.268 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV039040.D

Acq: 11 Sep 2025 11:55

Instrument :

MSVOA_V

ClientSampleId :

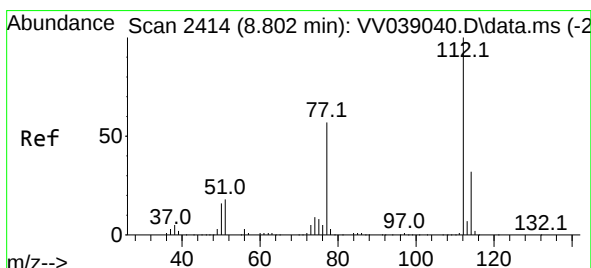
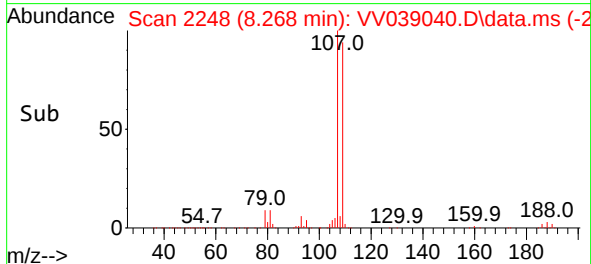
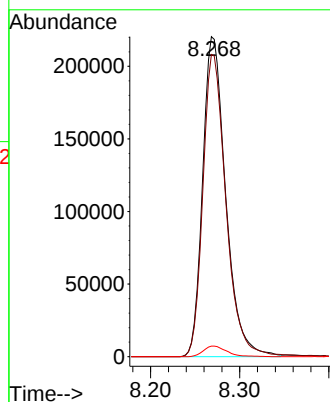
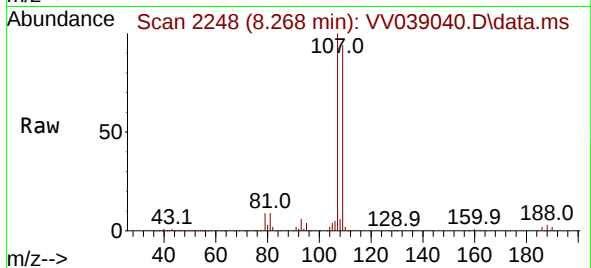
Tgt Ion:107 Resp: 396168

Ion Ratio Lower Upper

107 100

109 94.5 66.1 122.8

188 3.3 2.6 4.0



#51

Chlorobenzene

Concen: 44.989 ug/L

RT: 8.802 min Scan# 2414

Delta R.T. 0.000 min

Lab File: VV039040.D

Acq: 11 Sep 2025 11:55

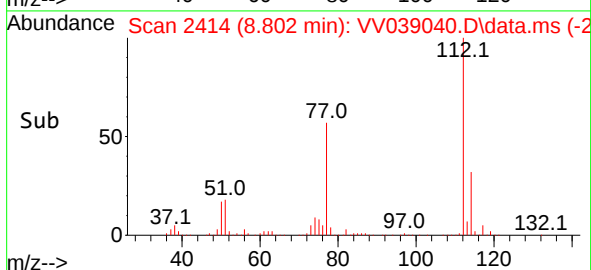
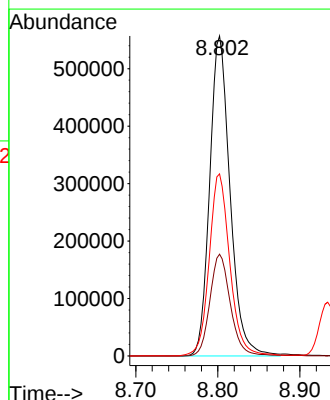
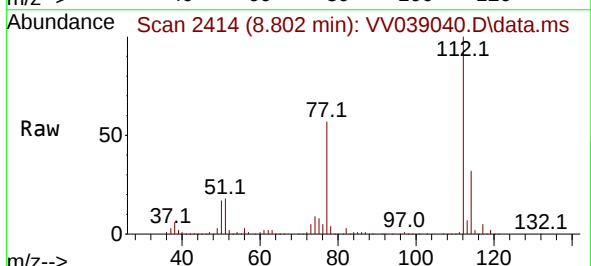
Tgt Ion:112 Resp: 960070

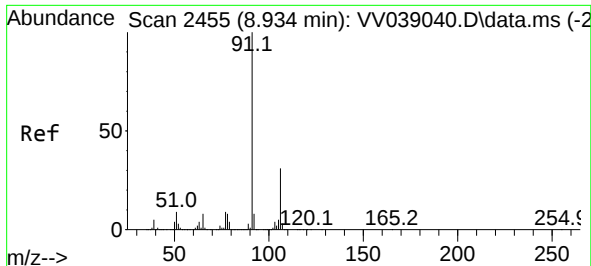
Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.3

77 56.9 45.5 68.3

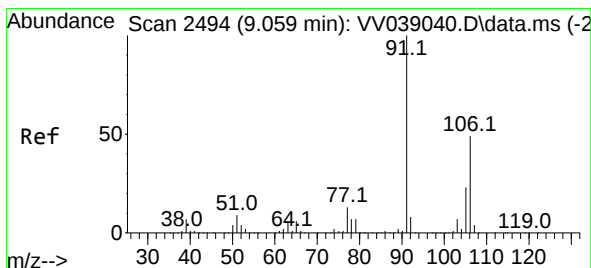
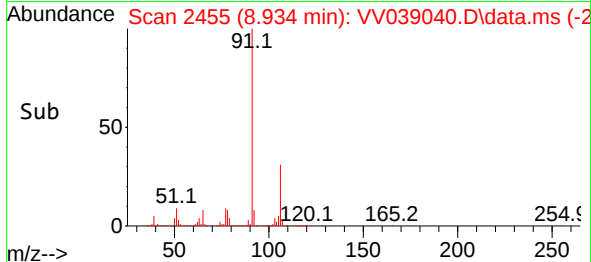
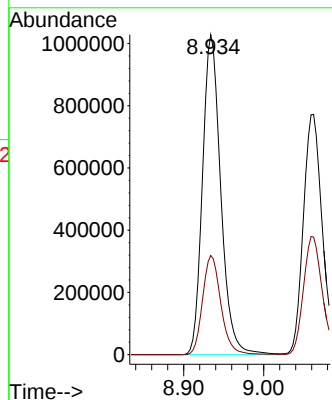
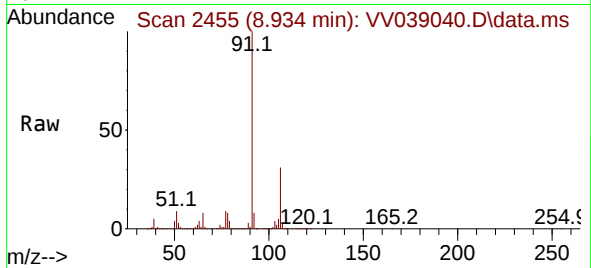




#52
Ethylbenzene
Concen: 47.986 ug/L
RT: 8.934 min Scan# 2455
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

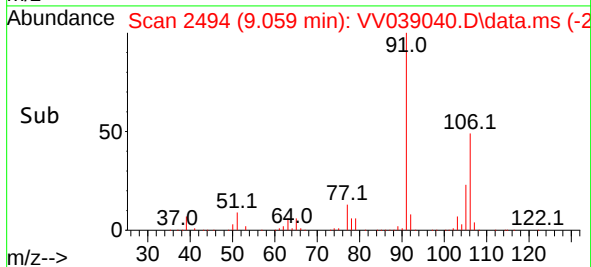
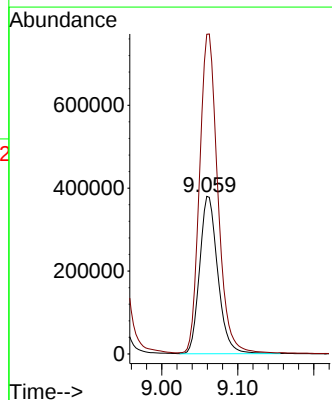
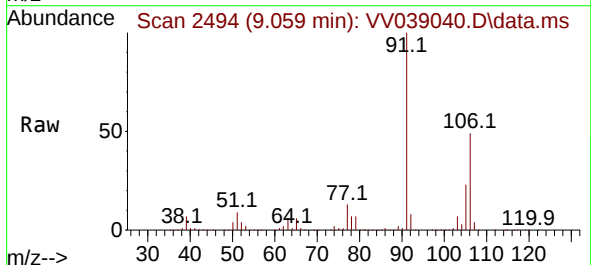
Instrument :
MSVOA_V
ClientSampleId :

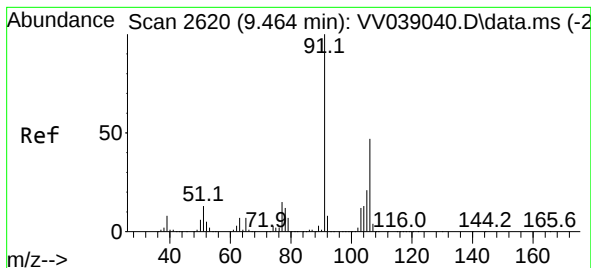
Tgt Ion: 91 Resp: 1637853
Ion Ratio Lower Upper
91 100
106 31.0 21.7 40.3



#53
m,p-Xylene
Concen: 50.275 ug/L
RT: 9.059 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

Tgt Ion: 106 Resp: 630360
Ion Ratio Lower Upper
106 100
91 202.9 142.0 263.8





#54

o-Xylene

Concen: 48.861 ug/L

RT: 9.464 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV039040.D

Acq: 11 Sep 2025 11:55

Instrument :

MSVOA_V

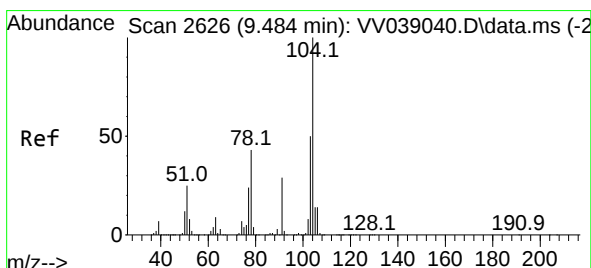
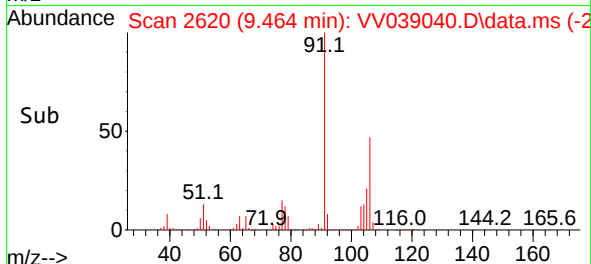
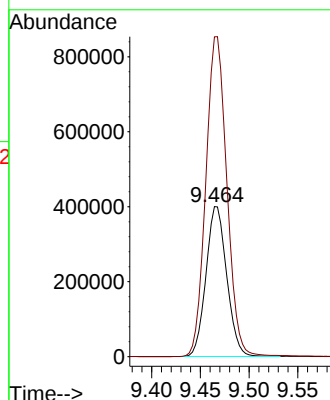
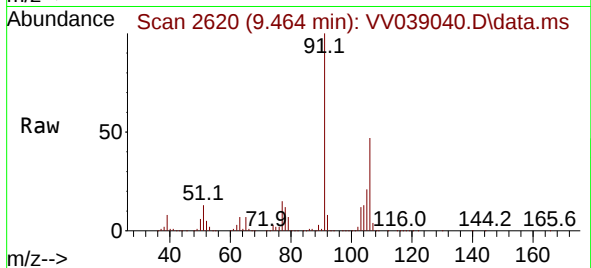
ClientSampleId :

Tgt Ion:106 Resp: 592940

Ion Ratio Lower Upper

106 100

91 213.0 149.1 276.9



#55

Styrene

Concen: 51.878 ug/L

RT: 9.484 min Scan# 2626

Delta R.T. 0.000 min

Lab File: VV039040.D

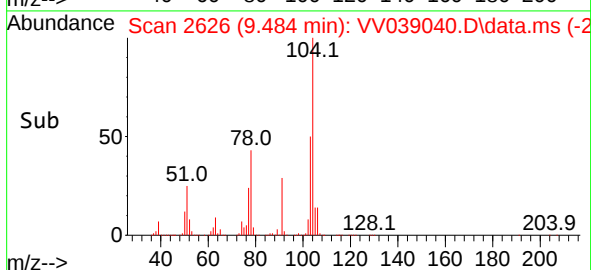
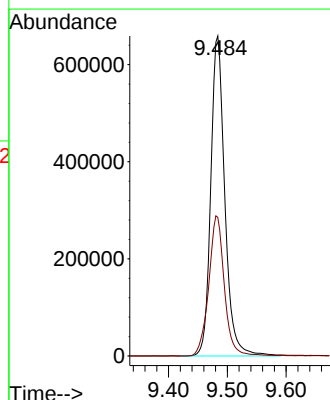
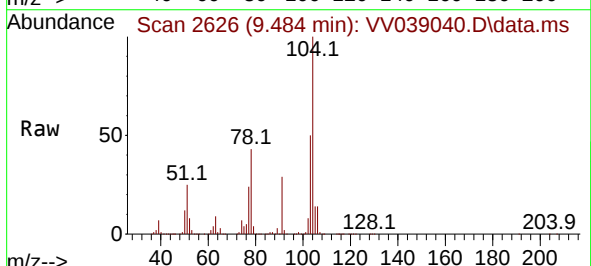
Acq: 11 Sep 2025 11:55

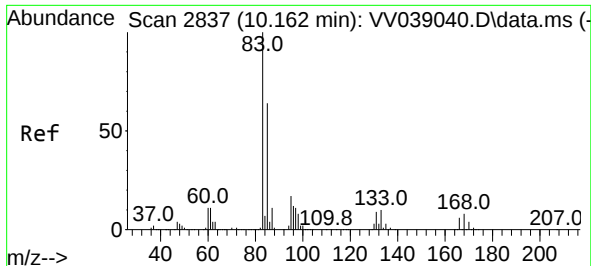
Tgt Ion:104 Resp: 1094045

Ion Ratio Lower Upper

104 100

78 43.3 30.3 56.3

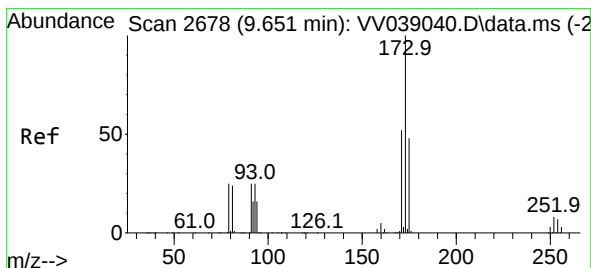
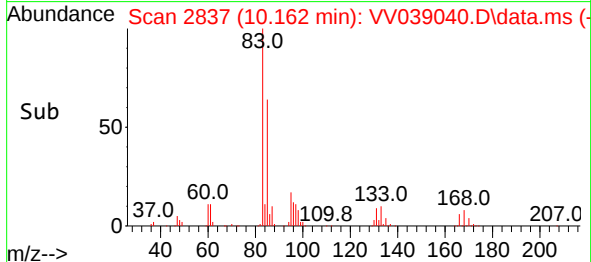
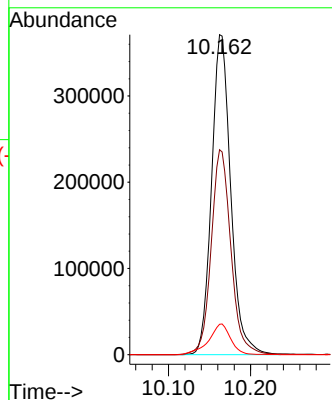
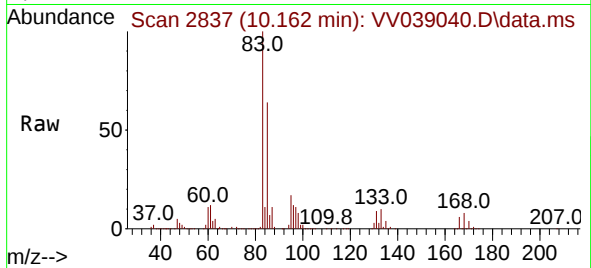




#57
1,1,2-Tetrachloroethane
Concen: 42.721 ug/L
RT: 10.162 min Scan# 2837
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

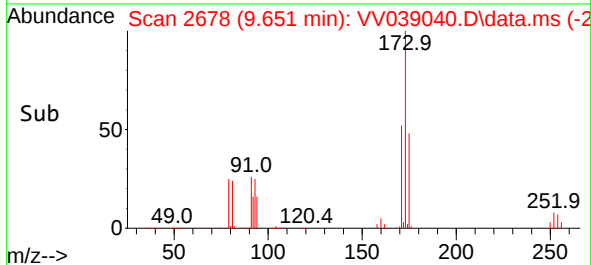
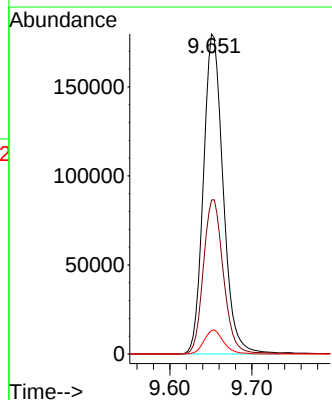
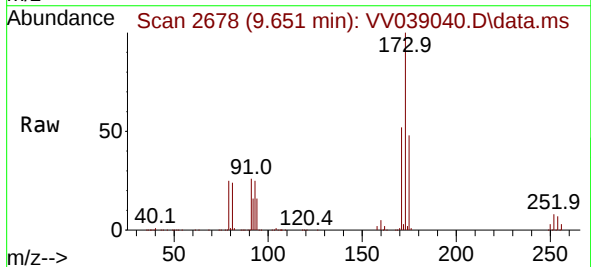
Instrument :
MSVOA_V
ClientSampleId :

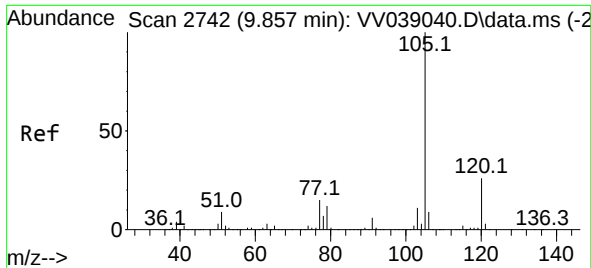
Tgt Ion: 83 Resp: 604558
Ion Ratio Lower Upper
83 100
85 64.0 44.8 83.2
131 9.5 7.6 11.4



#59
Bromoform
Concen: 45.412 ug/L
RT: 9.651 min Scan# 2678
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

Tgt Ion: 173 Resp: 300485
Ion Ratio Lower Upper
173 100
175 48.6 38.9 58.3
254 7.4 5.9 8.9

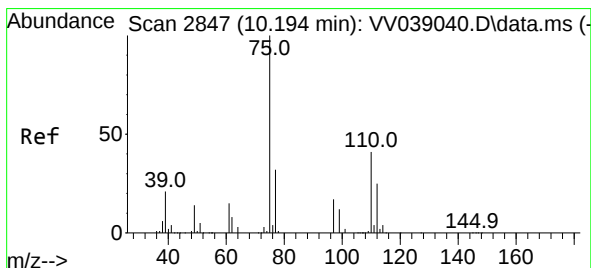
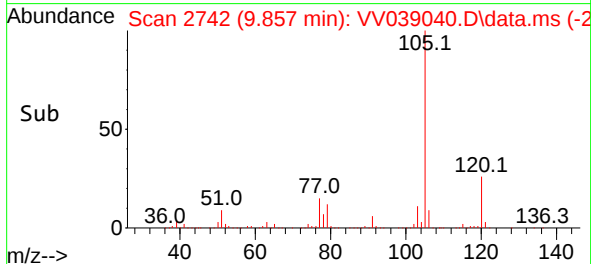
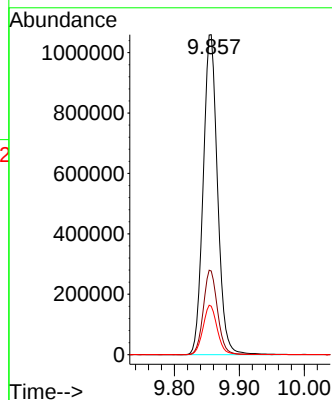
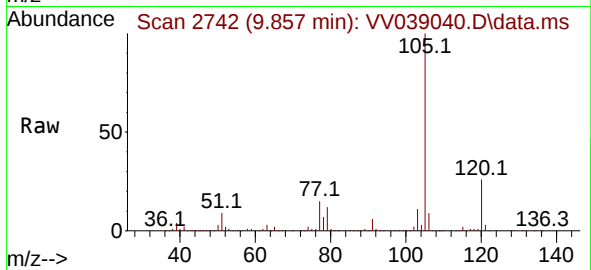




#60
Isopropylbenzene
Concen: 48.491 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

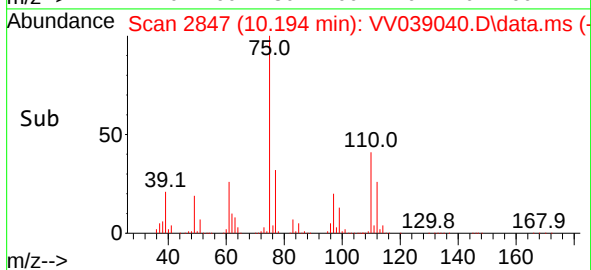
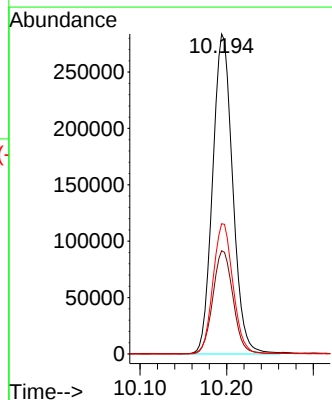
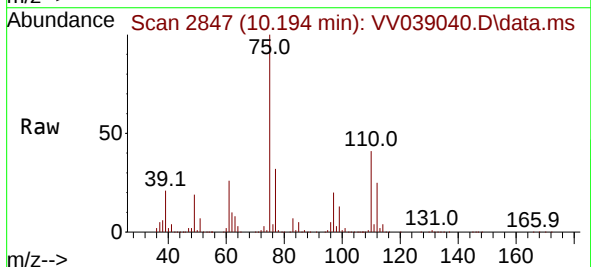
Instrument :
MSVOA_V
ClientSampleId :

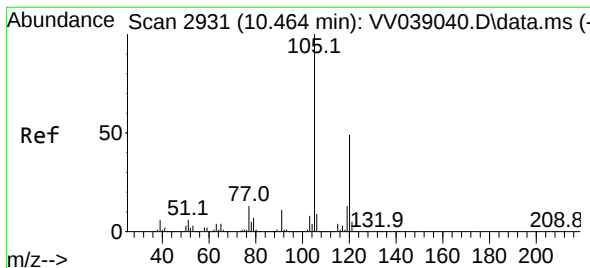
Tgt Ion:105 Resp: 1628547
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.4
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 40.393 ug/L
RT: 10.194 min Scan# 2847
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

Tgt Ion: 75 Resp: 456887
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6
110 40.5 32.4 48.6

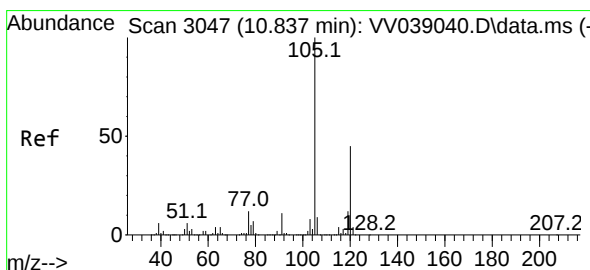
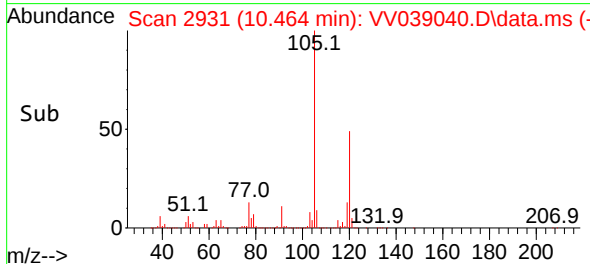
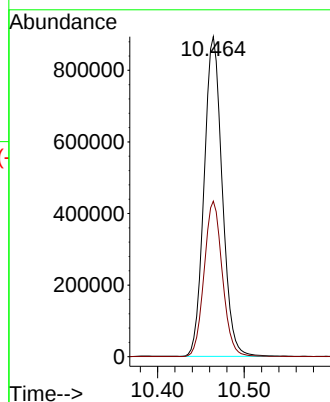
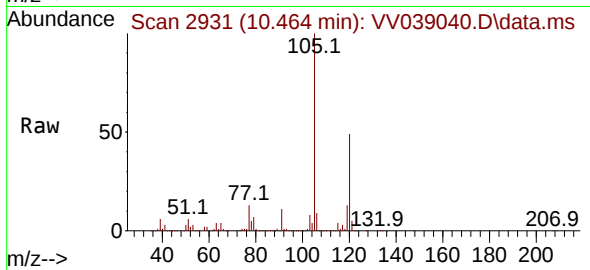




#62
1,3,5-Trimethylbenzene
Concen: 49.487 ug/L
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

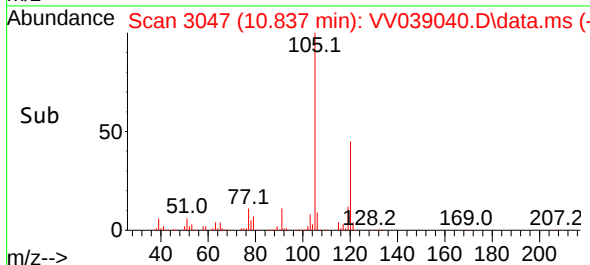
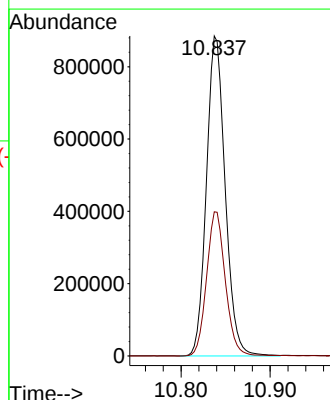
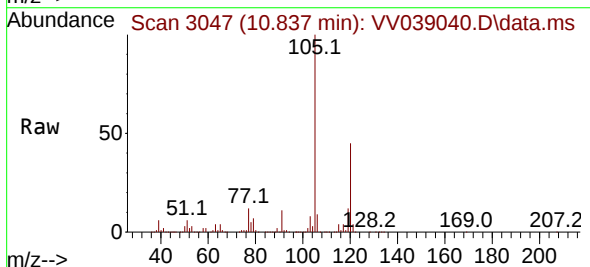
Instrument :
MSVOA_V
ClientSampleId :

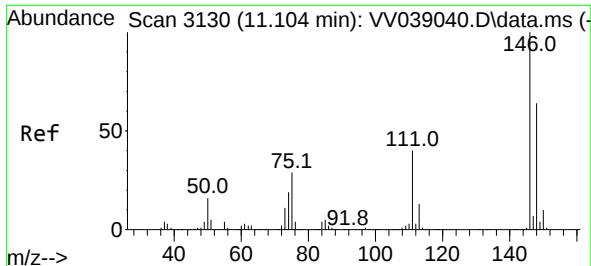
Tgt Ion:105 Resp: 1296323
Ion Ratio Lower Upper
105 100
120 49.0 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 50.054 ug/L
RT: 10.837 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

Tgt Ion:105 Resp: 1290961
Ion Ratio Lower Upper
105 100
120 45.1 36.1 54.1

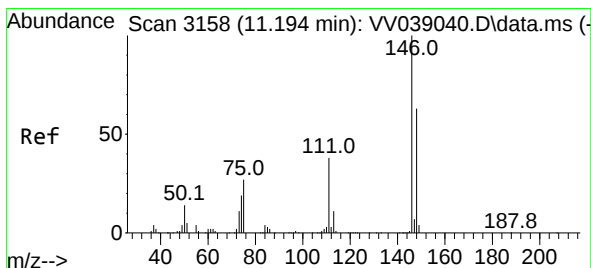
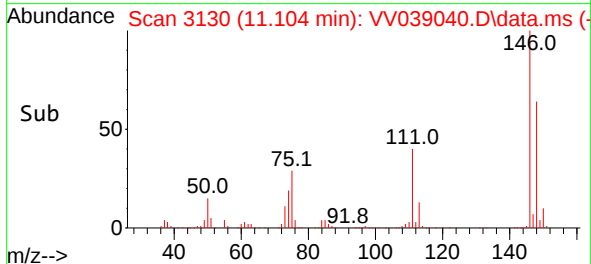
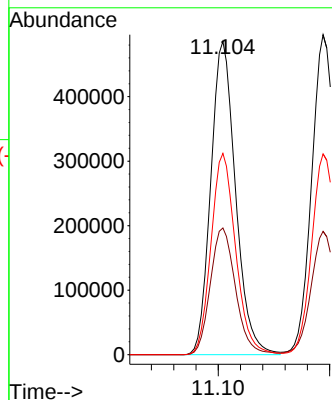
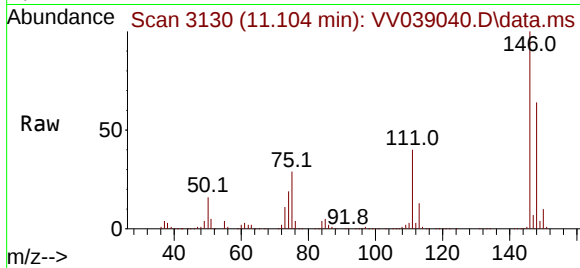




#64
 1,3-Dichlorobenzene
 Concen: 46.747 ug/L
 RT: 11.104 min Scan# 3130
 Delta R.T. 0.000 min
 Lab File: VV039040.D
 Acq: 11 Sep 2025 11:55

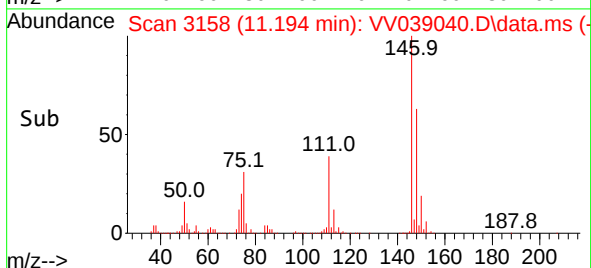
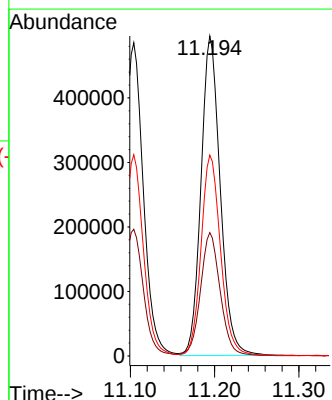
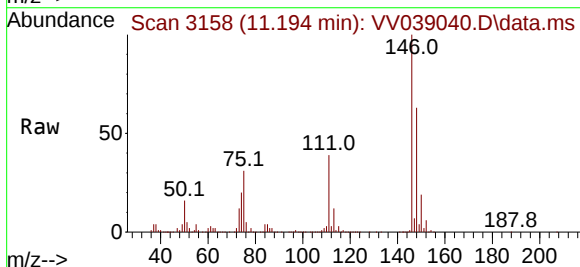
Instrument :
 MSVOA_V
 ClientSampleId :

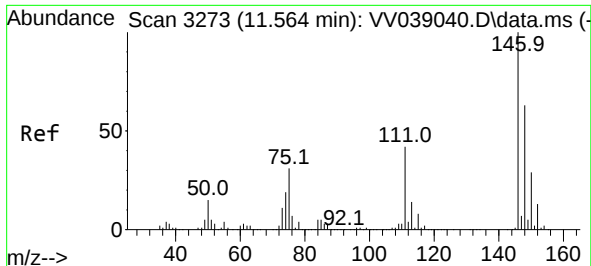
Tgt Ion:146 Resp: 750471
 Ion Ratio Lower Upper
 146 100
 111 40.4 28.3 52.5
 148 64.2 44.9 83.5



#65
 1,4-Dichlorobenzene
 Concen: 45.642 ug/L
 RT: 11.194 min Scan# 3158
 Delta R.T. 0.000 min
 Lab File: VV039040.D
 Acq: 11 Sep 2025 11:55

Tgt Ion:146 Resp: 788763
 Ion Ratio Lower Upper
 146 100
 111 38.6 27.0 50.2
 148 62.8 44.0 81.6

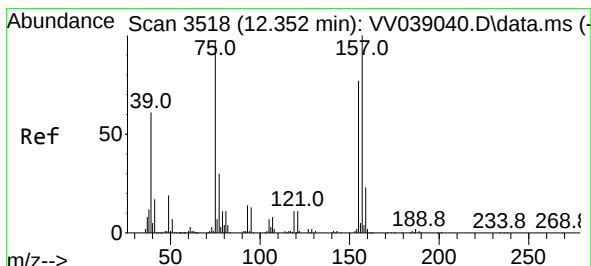
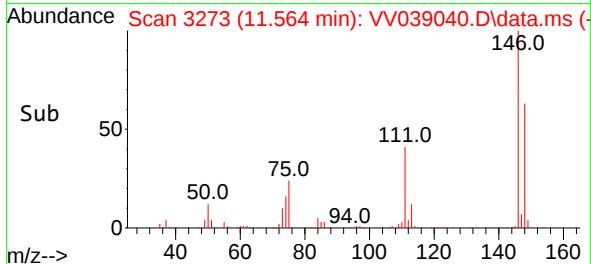
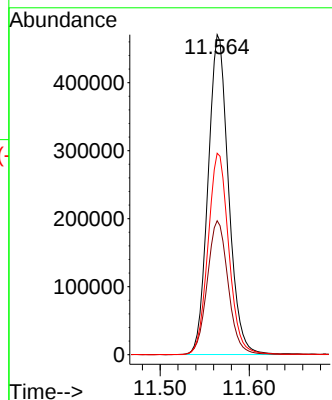
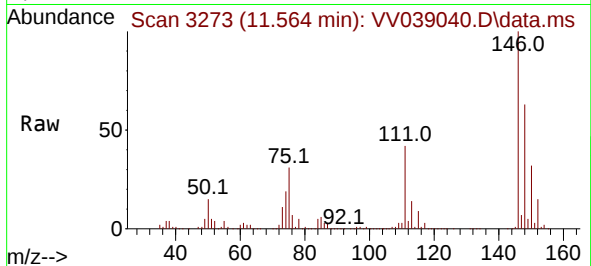




#67
1,2-Dichlorobenzene
Concen: 46.055 ug/L
RT: 11.564 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

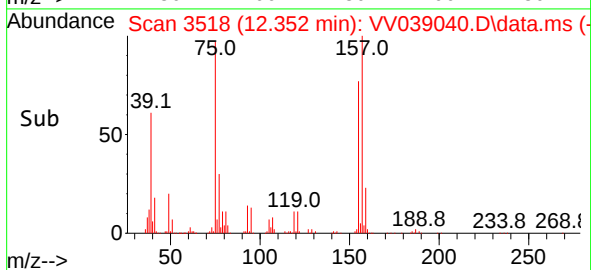
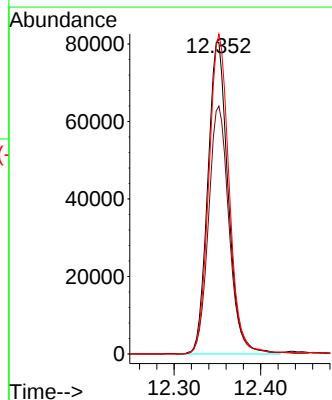
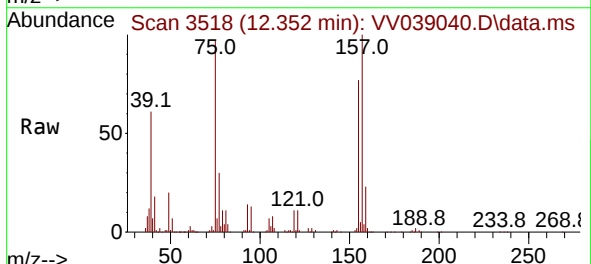
Instrument :
MSVOA_V
ClientSampleId :

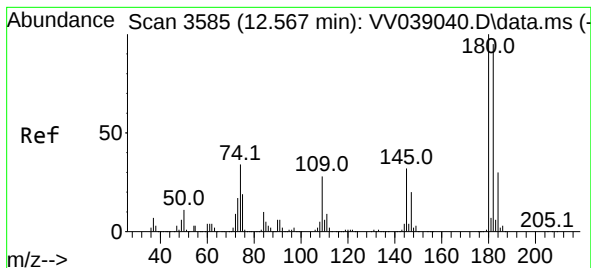
Tgt Ion:146 Resp: 747209
Ion Ratio Lower Upper
146 100
111 41.8 33.4 50.2
148 63.0 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 40.525 ug/L
RT: 12.352 min Scan# 3518
Delta R.T. 0.000 min
Lab File: VV039040.D
Acq: 11 Sep 2025 11:55

Tgt Ion: 75 Resp: 131697
Ion Ratio Lower Upper
75 100
155 79.6 63.7 95.5
157 102.7 82.2 123.2





#69

1,3,5-Trichlorobenzene

Concen: 45.143 ug/L

RT: 12.567 min Scan# 3585

Delta R.T. 0.000 min

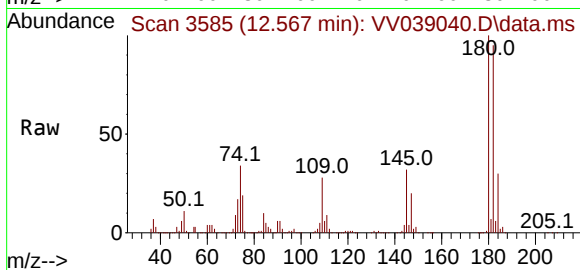
Lab File: VV039040.D

Acq: 11 Sep 2025 11:55

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 479200

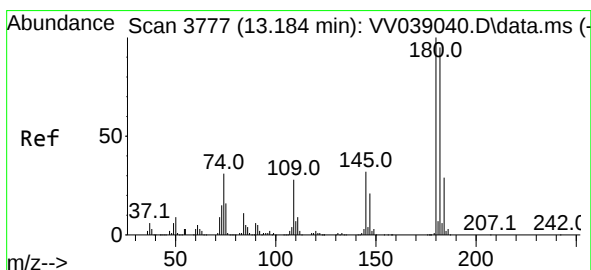
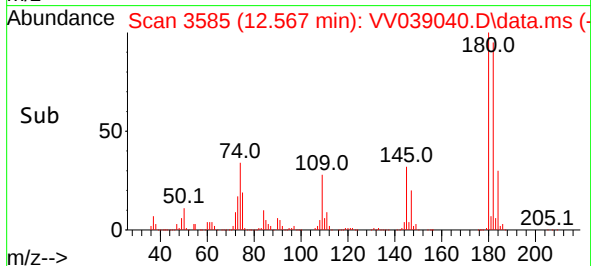
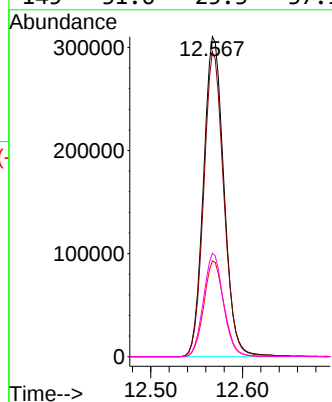
Ion Ratio Lower Upper

180 100

182 93.7 75.0 112.4

184 29.8 23.8 35.8

145 31.6 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 46.263 ug/L

RT: 13.184 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV039040.D

Acq: 11 Sep 2025 11:55

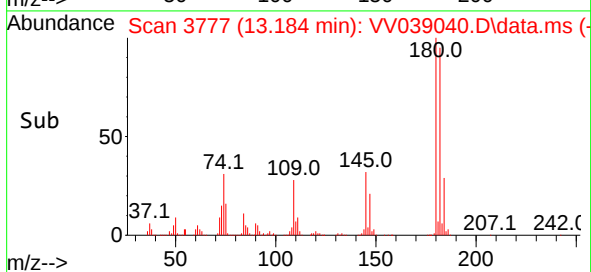
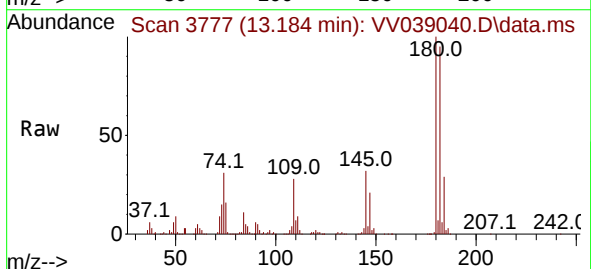
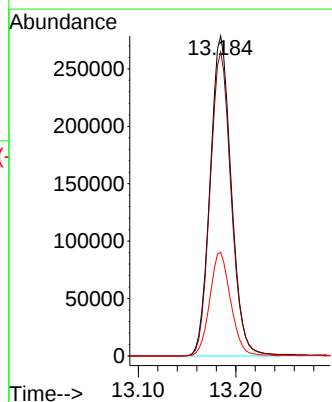
Tgt Ion:180 Resp: 420047

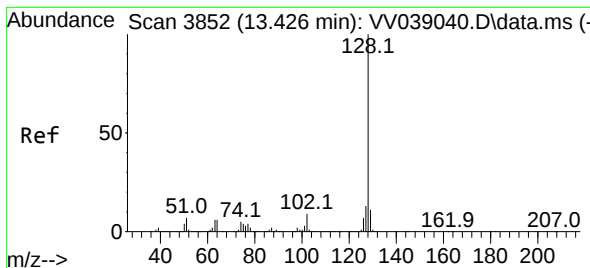
Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

145 32.2 25.8 38.6





#71

Naphthalene

Concen: 47.978 ug/L

RT: 13.426 min Scan# 3852

Delta R.T. 0.000 min

Lab File: VV039040.D

Acq: 11 Sep 2025 11:55

Instrument :

MSVOA_V

ClientSampleId :

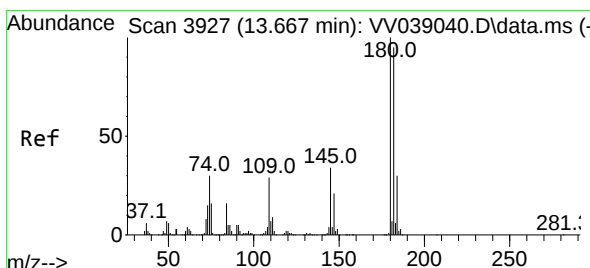
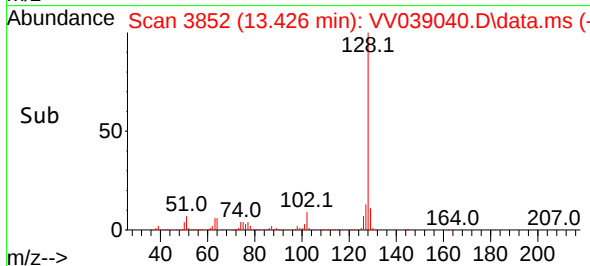
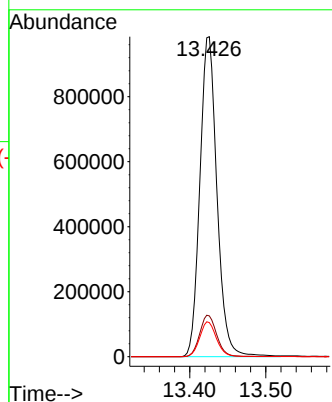
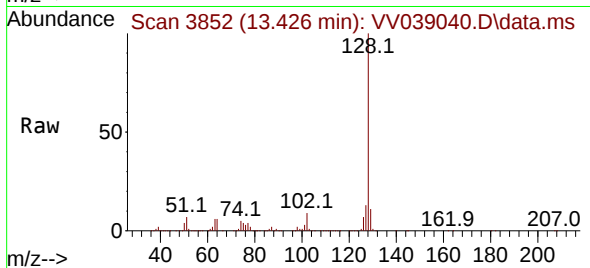
Tgt Ion:128 Resp: 1535223

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 48.871 ug/L

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV039040.D

Acq: 11 Sep 2025 11:55

Tgt Ion:180 Resp: 464804

Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

145 33.9 27.1 40.7

