

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091125\
 Data File : VV039048.D
 Acq On : 11 Sep 2025 15:55
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 12 02:03:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM091125WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 12 01:49:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	738757	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	742857	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	373405	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	304691	44.898	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.800%
7) Chloroethane-d5	1.542	69	266949	49.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.460%
11) 1,1-Dichloroethene-d2	2.069	65	138034	47.157	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.320%
21) 2-Butanone-d5	3.783	46	407513	153.020	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	153.020%#
24) Chloroform-d	4.249	84	611932	54.676	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.360%
26) 1,2-Dichloroethane-d4	4.940	65	379366	57.559	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.120%
32) Benzene-d6	4.960	84	1150999	53.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.900%
36) 1,2-Dichloropropane-d6	5.985	67	365430	51.862	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.720%
41) Toluene-d8	7.236	98	1045967	52.026	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.060%
43) trans-1,3-Dichloroprop...	7.545	79	188745	56.678	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.360%
47) 2-Hexanone-d5	8.014	63	306872	152.988	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	152.990%#
56) 1,1,2,2-Tetrachloroeth...	10.140	84	579928	57.795	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.600%
66) 1,2-Dichlorobenzene-d4	11.548	152	371241	52.936	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	233293	41.558	ug/L	100
3) Chloromethane	1.227	50	296119	47.037	ug/L	100
5) Vinyl chloride	1.294	62	308537	42.617	ug/L	99
6) Bromomethane	1.497	94	191562	47.497	ug/L	97
8) Chloroethane	1.561	64	210002	45.628	ug/L	98
9) Trichlorofluoromethane	1.725	101	446164	43.712	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	276566	43.210	ug/L	99
12) 1,1-Dichloroethene	2.082	96	250369	44.048	ug/L	94
13) Acetone	2.117	43	378242	77.144	ug/L	98
14) Carbon disulfide	2.252	76	771787	41.495	ug/L	98
15) Methyl Acetate	2.378	43	369059	57.886	ug/L	99
16) Methylene chloride	2.455	84	334365	53.447	ug/L	98
17) trans-1,2-Dichloroethene	2.703	96	282779	49.993	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	951697	58.708	ug/L	99
19) 1,1-Dichloroethane	3.117	63	537310	51.068	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	316319	52.332	ug/L	98
22) 2-Butanone	3.863	43	457622	110.566	ug/L	99
23) Bromochloromethane	4.146	128	183363	55.448	ug/L	98
25) Chloroform	4.278	83	583278	51.930	ug/L	99

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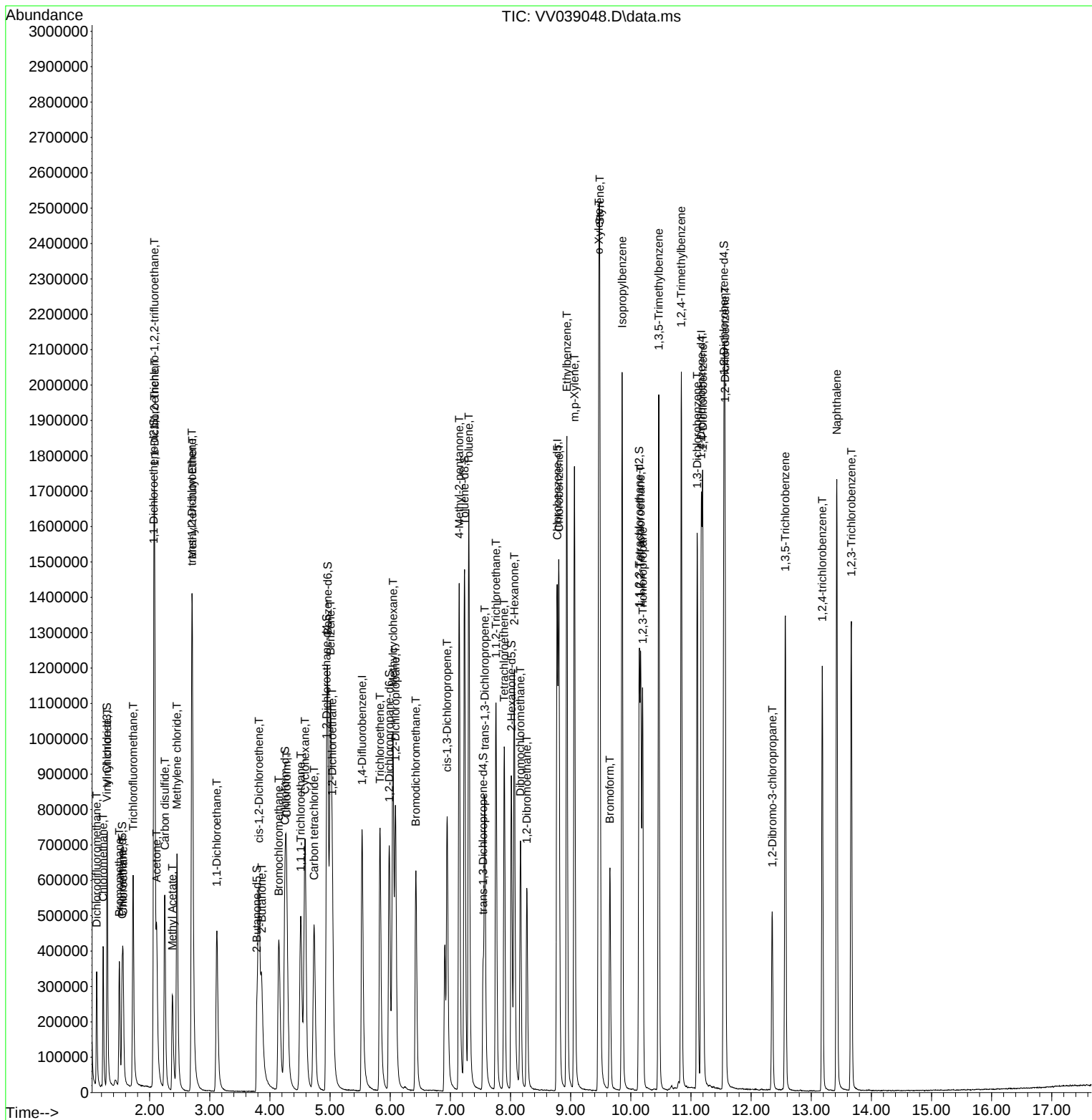
Instrument :
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 ClientSampleId :

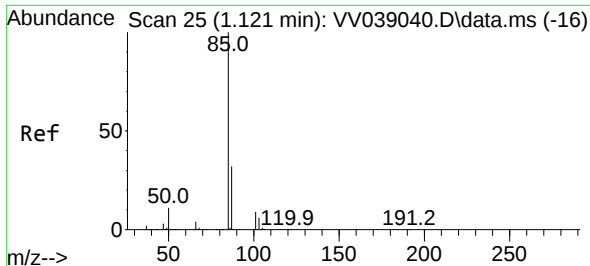
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	456438	55.806	ug/L	99
29) Cyclohexane	4.584	56	417472	45.234	ug/L	97
30) 1,1,1-Trichloroethane	4.513	97	463660	46.302	ug/L	99
31) Carbon tetrachloride	4.735	117	401319	45.055	ug/L	99
33) Benzene	5.008	78	1196347	51.657	ug/L	100
34) Trichloroethene	5.831	95	293858	46.814	ug/L	98
35) Methylcyclohexane	6.046	83	450187	44.818	ug/L	99
37) 1,2-Dichloropropane	6.088	63	333423	53.800	ug/L	99
38) Bromodichloromethane	6.426	83	458070	52.506	ug/L	97
39) cis-1,3-Dichloropropene	6.947	75	523833	53.017	ug/L	98
40) 4-Methyl-2-pentanone	7.146	43	963638	122.533	ug/L	99
42) Toluene	7.307	91	1256173	49.233	ug/L	100
44) trans-1,3-Dichloropropene	7.571	75	514188	53.981	ug/L	98
45) 1,1,2-Trichloroethane	7.757	97	360068	54.882	ug/L	99
46) Tetrachloroethene	7.895	164	220716	45.332	ug/L	98
48) 2-Hexanone	8.062	43	750157	136.763	ug/L	99
49) Dibromochloromethane	8.165	129	372681	53.740	ug/L	100
50) 1,2-Dibromoethane	8.271	107	383304	55.943	ug/L	99
51) Chlorobenzene	8.805	112	805831	48.611	ug/L	99
52) Ethylbenzene	8.937	91	1301302	48.471	ug/L	99
53) m,p-Xylene	9.062	106	507371	49.387	ug/L	99
54) o-Xylene	9.468	106	489944	51.491	ug/L	98
55) Styrene	9.484	104	916433	54.532	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.165	83	592793	56.030	ug/L	100
59) Bromoform	9.654	173	281632	55.968	ug/L	99
60) Isopropylbenzene	9.857	105	1278380	49.743	ug/L	99
61) 1,2,3-Trichloropropane	10.197	75	449198	57.246	ug/L	100
62) 1,3,5-Trimethylbenzene	10.464	105	1020484	50.769	ug/L	100
63) 1,2,4-Trimethylbenzene	10.841	105	1037991	52.103	ug/L	99
64) 1,3-Dichlorobenzene	11.104	146	610469	49.897	ug/L	98
65) 1,4-Dichlorobenzene	11.197	146	636665	48.613	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	645520	52.754	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.352	75	132061	59.940	ug/L	96
69) 1,3,5-Trichlorobenzene	12.570	180	392900	49.747	ug/L	100
70) 1,2,4-trichlorobenzene	13.184	180	338176	49.246	ug/L	99
71) Naphthalene	13.426	128	1330123	57.937	ug/L	100
72) 1,2,3-Trichlorobenzene	13.667	180	385621	54.088	ug/L	99

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

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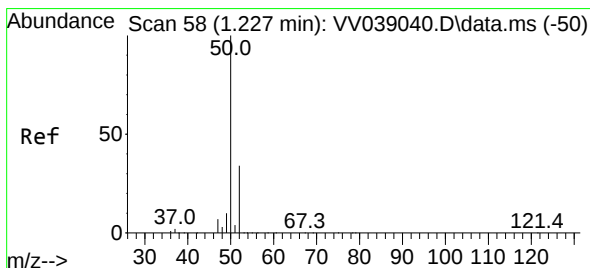
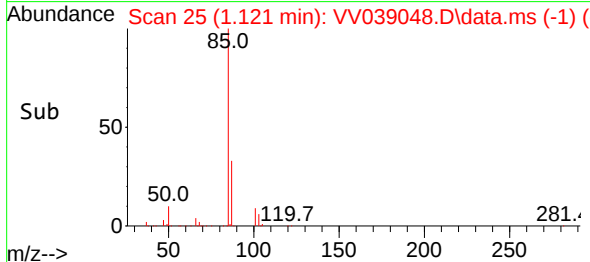
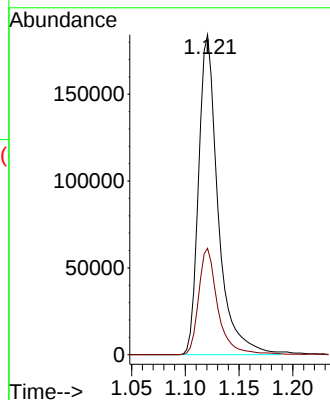
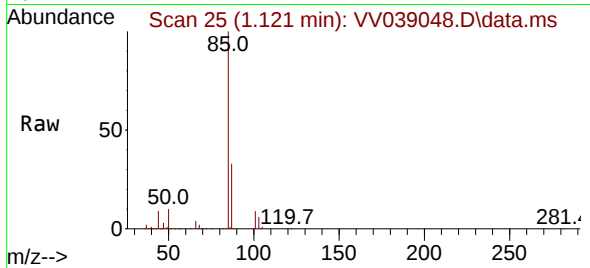




#2
 Dichlorodifluoromethane
 Concen: 41.558 ug/L
 RT: 1.121 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV039048.D
 Acq: 11 Sep 2025 15:55

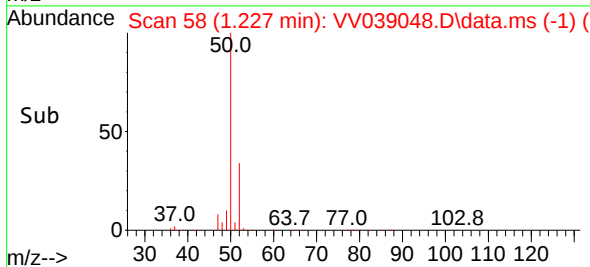
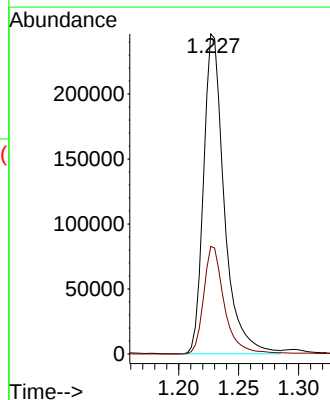
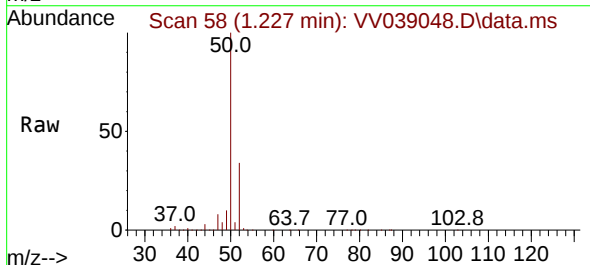
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 MSVOA_V
 ClientSampleId :

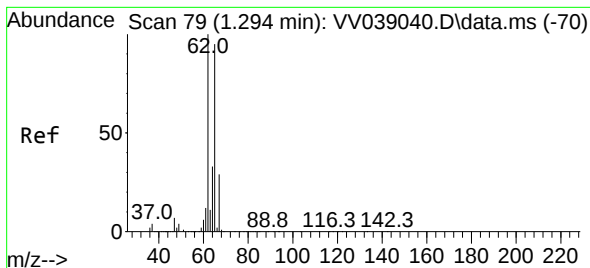
Tgt Ion: 85 Resp: 233293
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 47.037 ug/L
 RT: 1.227 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VV039048.D
 Acq: 11 Sep 2025 15:55

Tgt Ion: 50 Resp: 296119
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.6 43.8





#5

Vinyl chloride

Concen: 42.617 ug/L

RT: 1.294 min Scan# 79

Delta R.T. 0.000 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

Instrument :

MSVOA_V

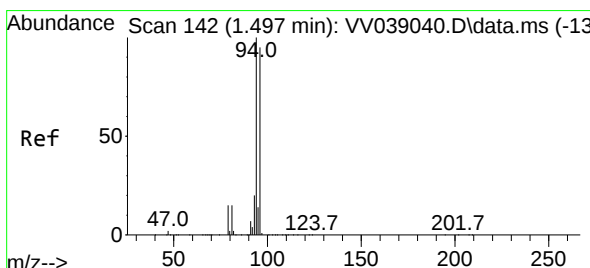
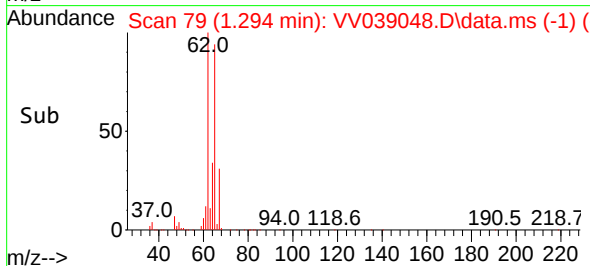
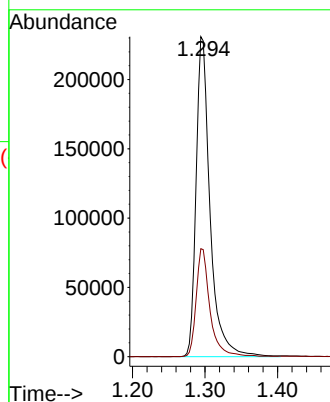
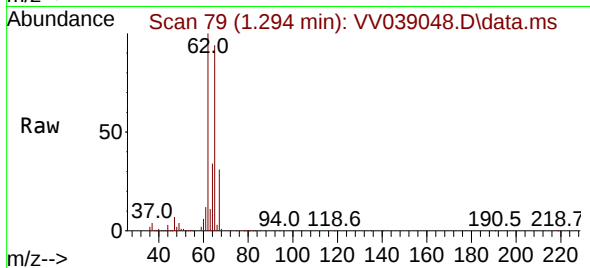
ClientSampleId :

Tgt Ion: 62 Resp: 308537

Ion Ratio Lower Upper

62 100

64 33.8 23.4 43.4



#6

Bromomethane

Concen: 47.497 ug/L

RT: 1.497 min Scan# 142

Delta R.T. 0.000 min

Lab File: VV039048.D

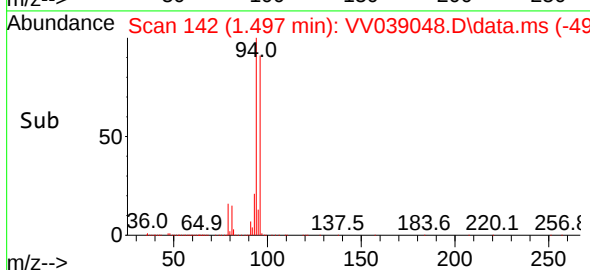
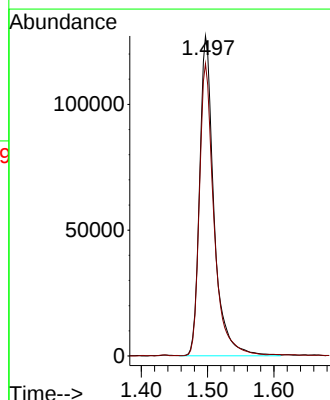
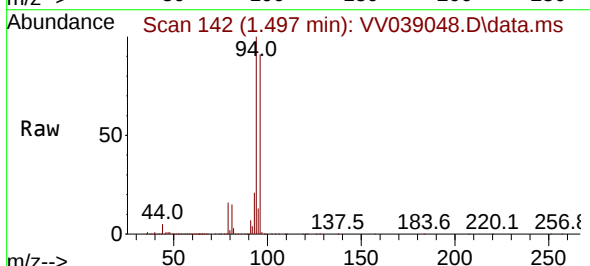
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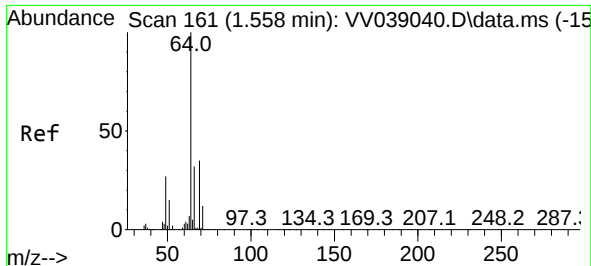
Tgt Ion: 94 Resp: 191562

Ion Ratio Lower Upper

94 100

96 91.4 66.3 123.1

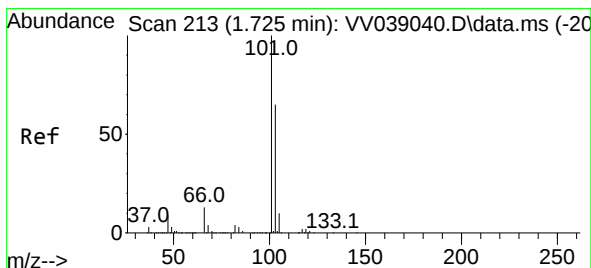
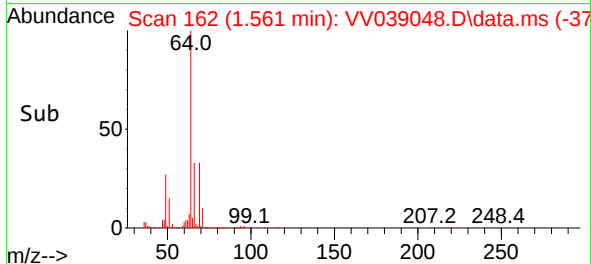
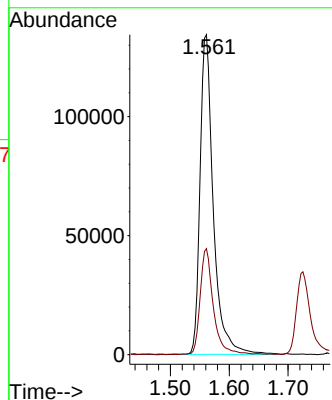
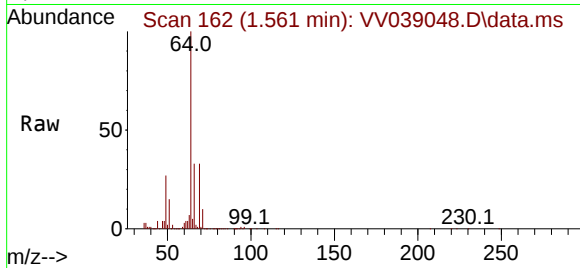




#8
Chloroethane
Concen: 45.628 ug/L
RT: 1.561 min Scan# 161
Delta R.T. 0.003 min
Lab File: VV039048.D
Acq: 11 Sep 2025 15:55

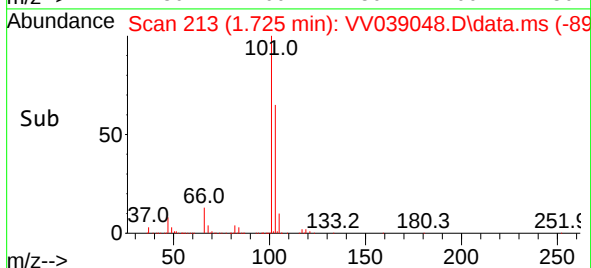
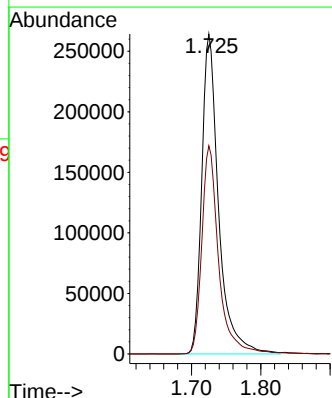
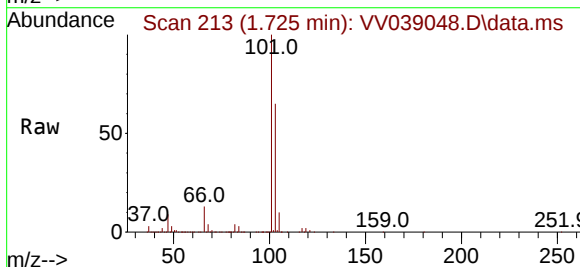
Instrument :
MSVOA_V
ClientSampleId :

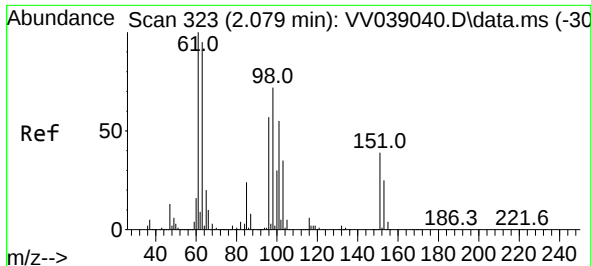
Tgt Ion: 64 Resp: 210002
Ion Ratio Lower Upper
64 100
66 33.1 22.4 41.6



#9
Trichlorofluoromethane
Concen: 43.712 ug/L
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039048.D
Acq: 11 Sep 2025 15:55

Tgt Ion:101 Resp: 446164
Ion Ratio Lower Upper
101 100
103 64.2 52.1 78.1

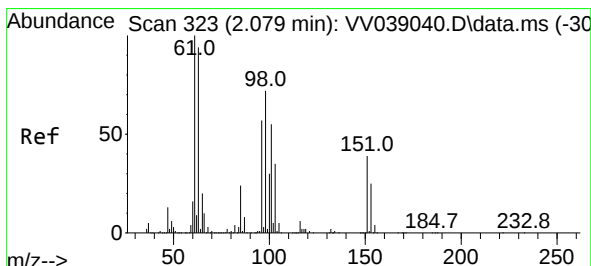
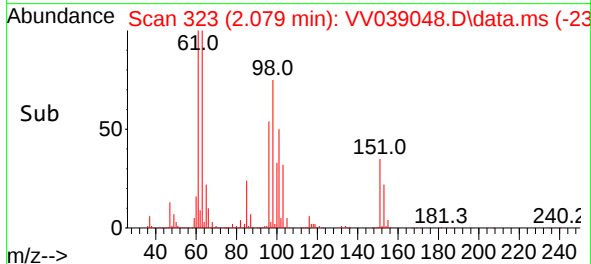
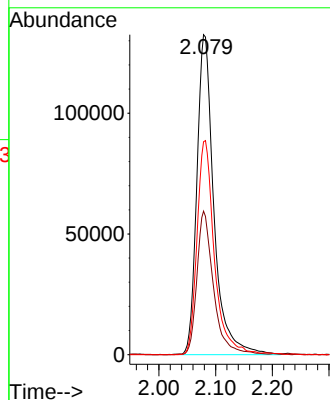
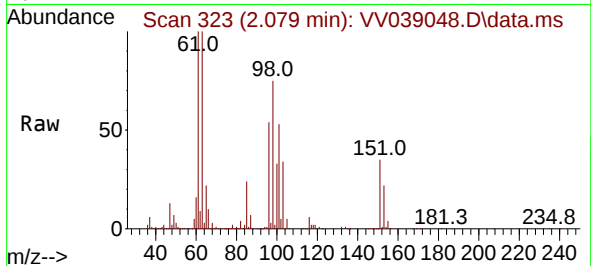




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 43.210 ug/L
 RT: 2.079 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV039048.D
 Acq: 11 Sep 2025 15:55

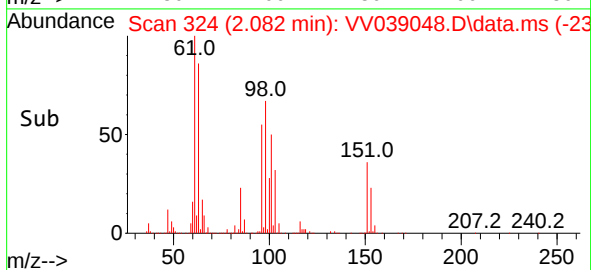
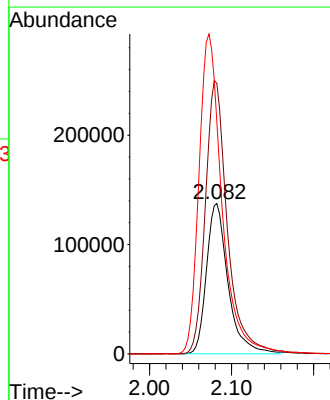
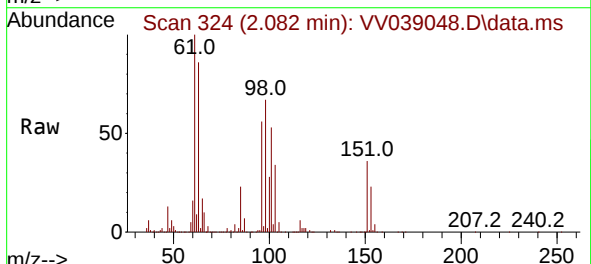
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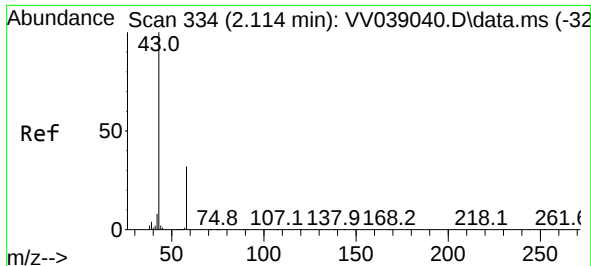
Tgt Ion:101 Resp: 276566
 Ion Ratio Lower Upper
 101 100
 85 43.7 34.7 52.1
 151 66.8 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 44.048 ug/L
 RT: 2.082 min Scan# 324
 Delta R.T. 0.003 min
 Lab File: VV039048.D
 Acq: 11 Sep 2025 15:55

Tgt Ion: 96 Resp: 250369
 Ion Ratio Lower Upper
 96 100
 61 179.8 123.3 229.1
 63 154.5 116.6 216.6

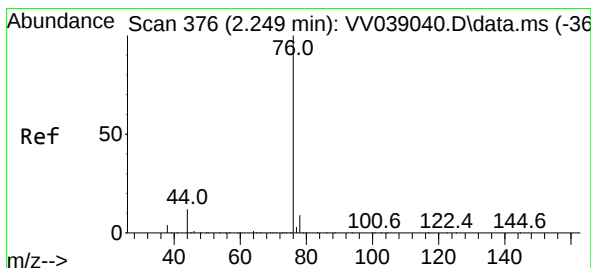
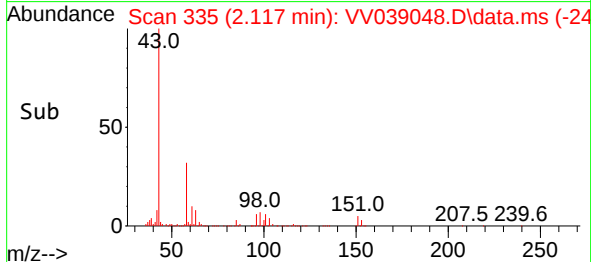
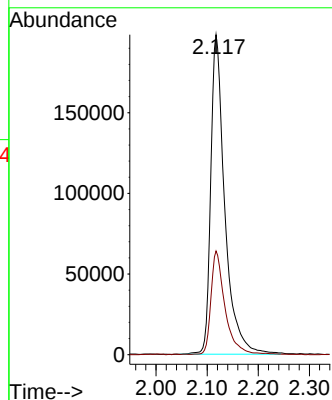
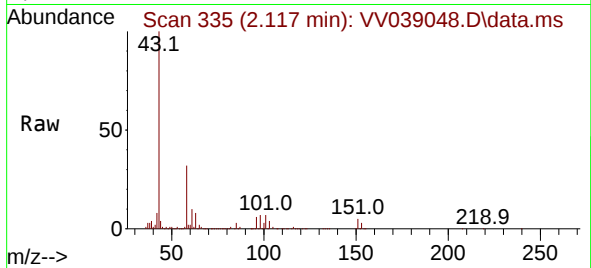




#13
Acetone
Concen: 77.144 ug/L
RT: 2.117 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039048.D
Acq: 11 Sep 2025 15:55

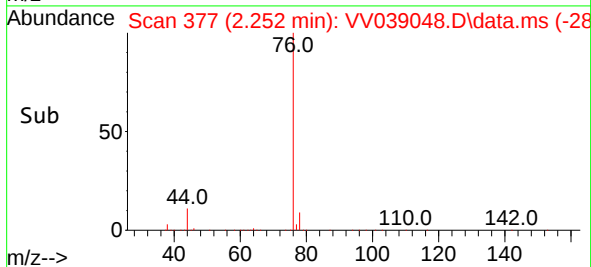
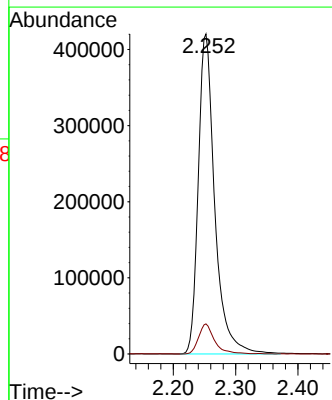
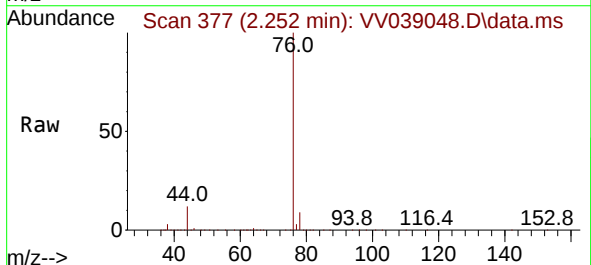
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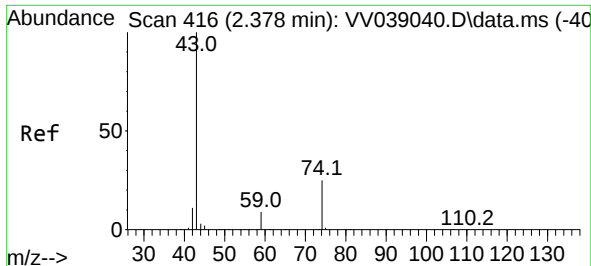
Tgt Ion: 43 Resp: 378242
Ion Ratio Lower Upper
43 100
58 31.6 0.0 65.8



#14
Carbon disulfide
Concen: 41.495 ug/L
RT: 2.252 min Scan# 377
Delta R.T. 0.003 min
Lab File: VV039048.D
Acq: 11 Sep 2025 15:55

Tgt Ion: 76 Resp: 771787
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

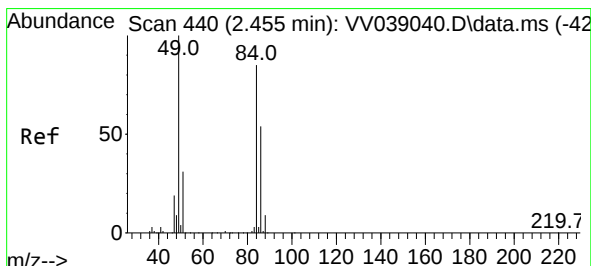
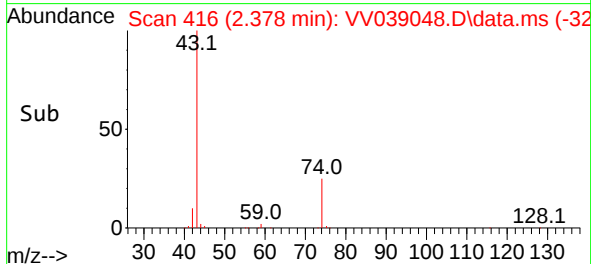
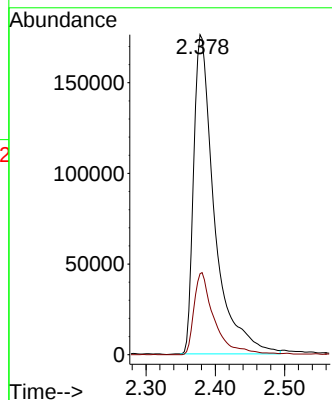
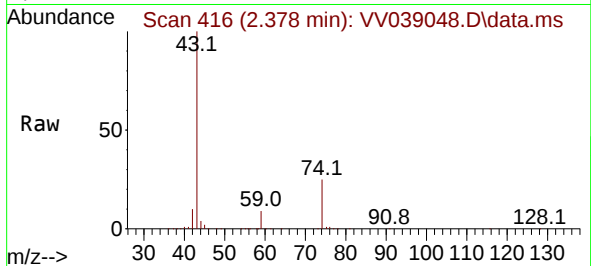




#15
Methyl Acetate
Concen: 57.886 ug/L
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039048.D
Acq: 11 Sep 2025 15:55

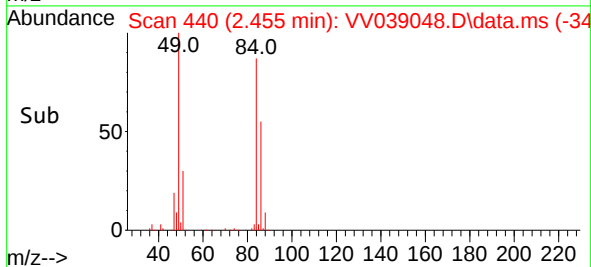
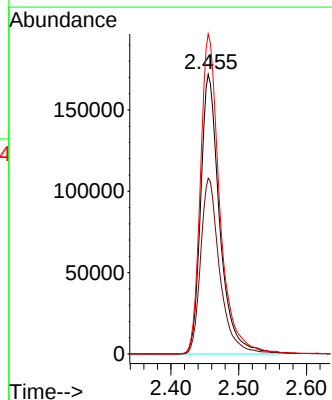
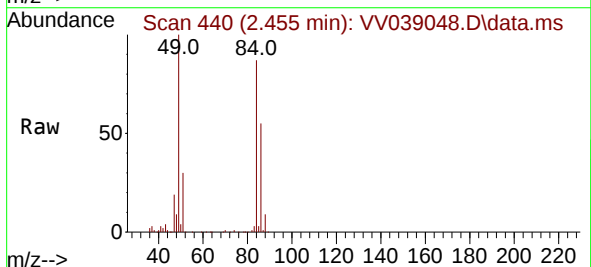
Instrument :
MSVOA_V
ClientSampleId :

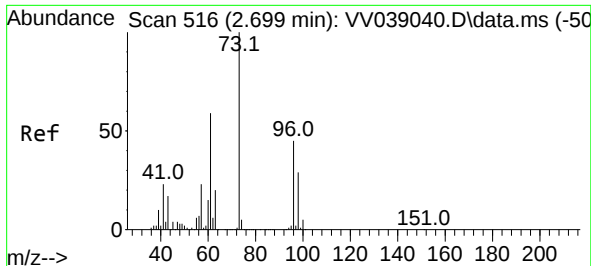
Tgt Ion: 43 Resp: 369059
Ion Ratio Lower Upper
43 100
74 24.9 19.6 29.4



#16
Methylene chloride
Concen: 53.447 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039048.D
Acq: 11 Sep 2025 15:55

Tgt Ion: 84 Resp: 334365
Ion Ratio Lower Upper
84 100
86 62.9 44.7 83.1
49 114.4 82.0 152.4

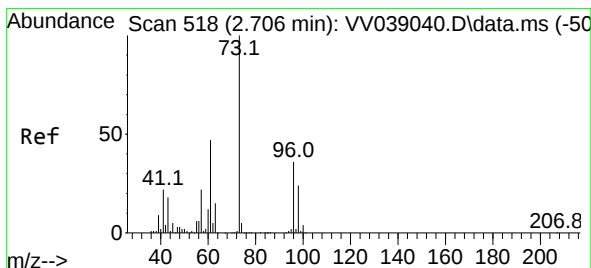
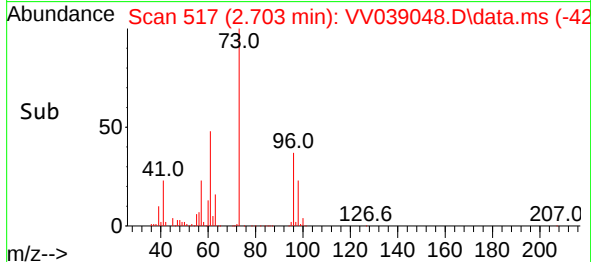
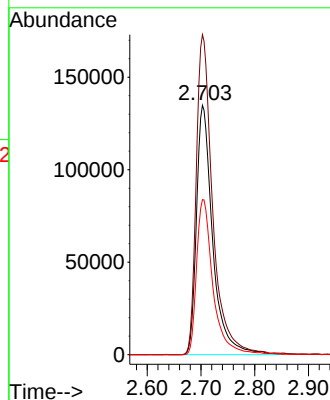
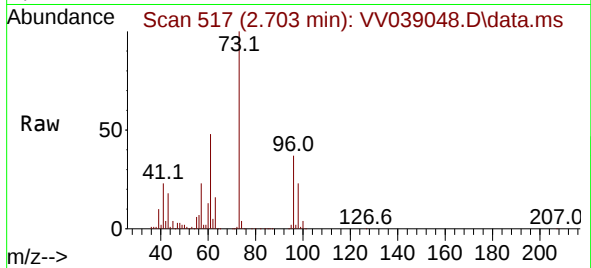




#17
trans-1,2-Dichloroethene
Concen: 49.993 ug/L
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039048.D
Acq: 11 Sep 2025 15:55

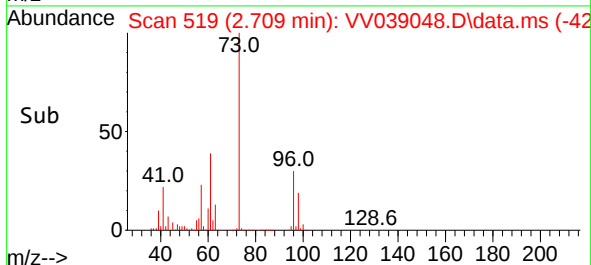
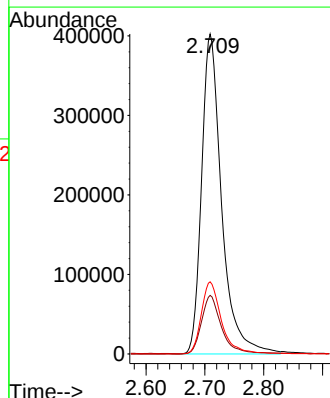
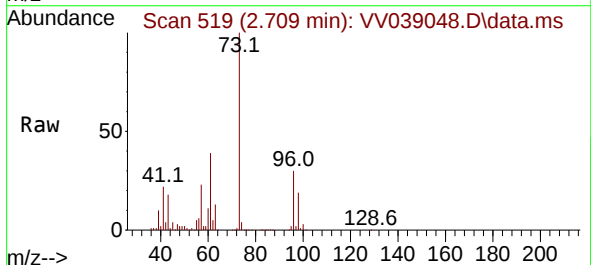
Instrument :
MSVOA_V
ClientSampleId :

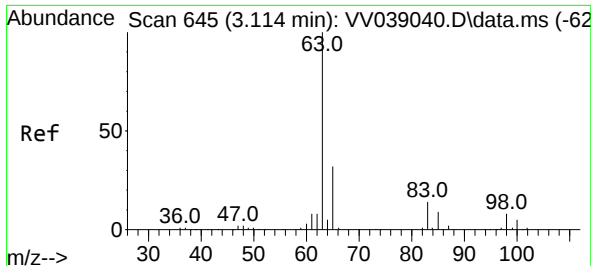
Tgt Ion: 96 Resp: 282779
Ion Ratio Lower Upper
96 100
61 128.3 91.3 169.5
98 62.2 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 58.708 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV039048.D
Acq: 11 Sep 2025 15:55

Tgt Ion: 73 Resp: 951697
Ion Ratio Lower Upper
73 100
43 17.8 14.2 21.4
57 22.4 17.5 26.3





#19

1,1-Dichloroethane

Concen: 51.068 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

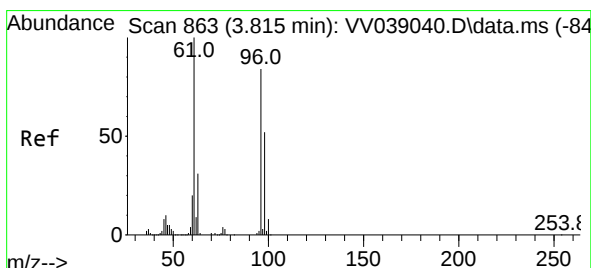
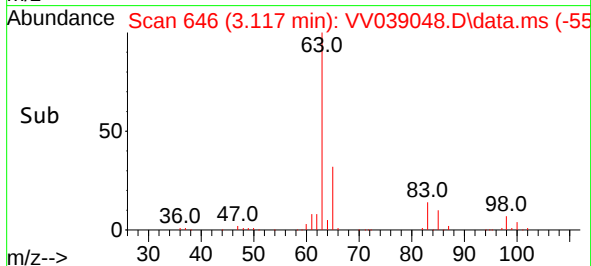
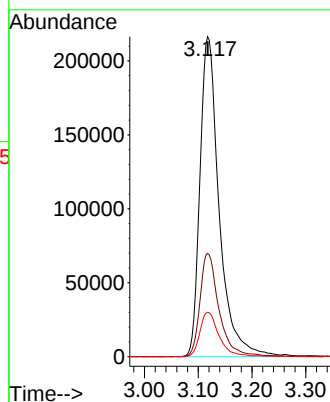
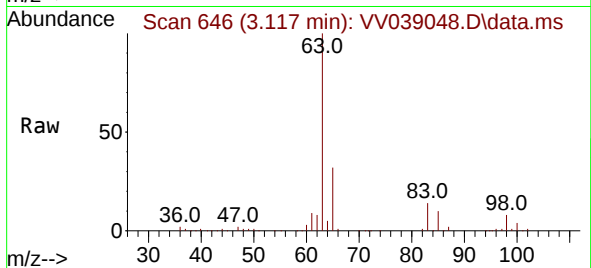
Tgt Ion: 63 Resp: 537310

Ion Ratio Lower Upper

63 100

65 32.3 22.4 41.6

83 13.9 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 52.332 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.003 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

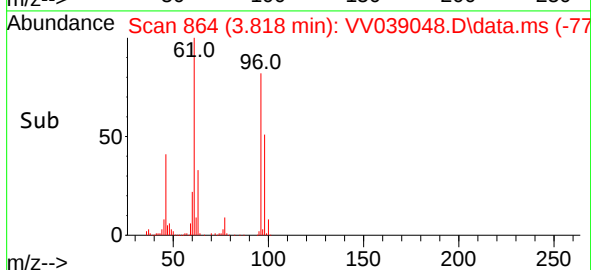
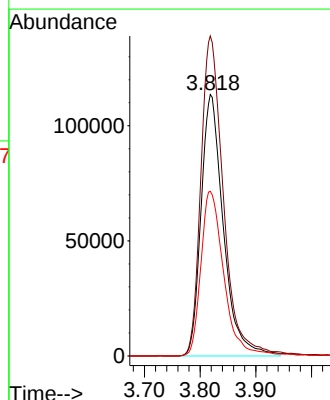
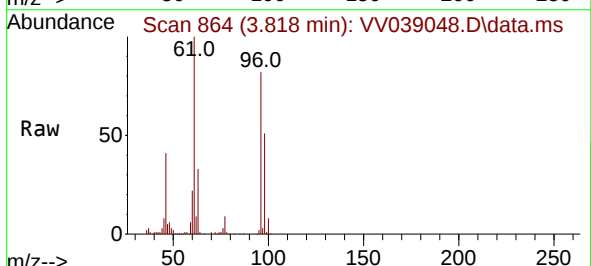
Tgt Ion: 96 Resp: 316319

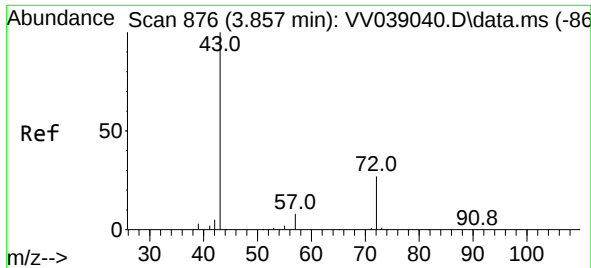
Ion Ratio Lower Upper

96 100

61 122.4 83.8 155.6

98 63.0 43.5 80.9

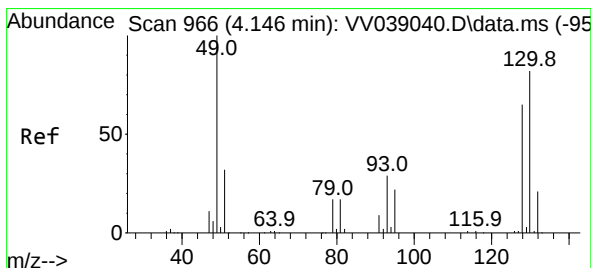
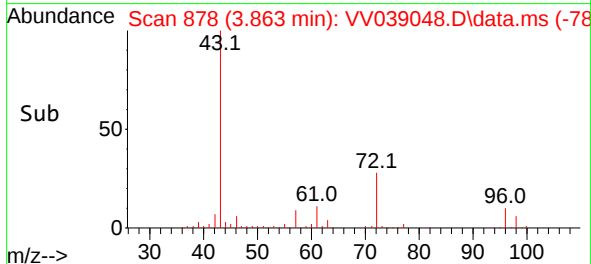
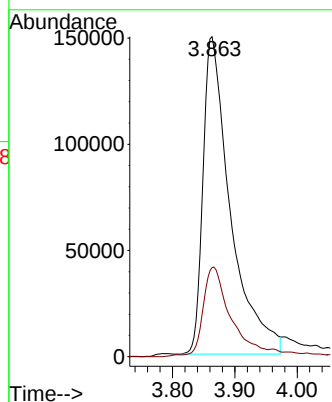
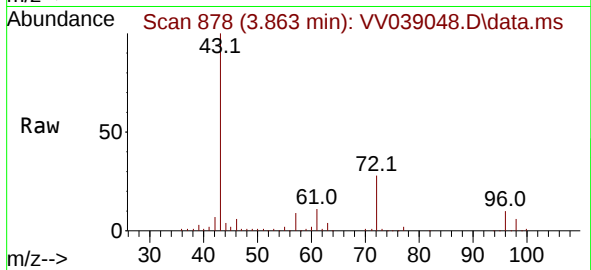




#22
2-Butanone
Concen: 110.566 ug/L
RT: 3.863 min Scan# 876
Delta R.T. 0.006 min
Lab File: VV039048.D
Acq: 11 Sep 2025 15:55

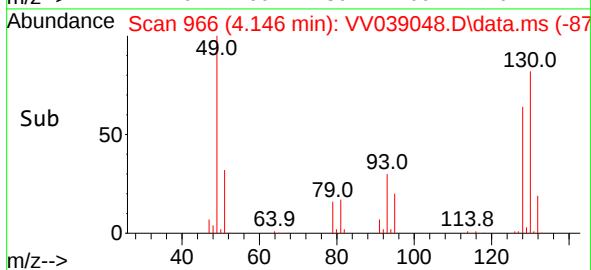
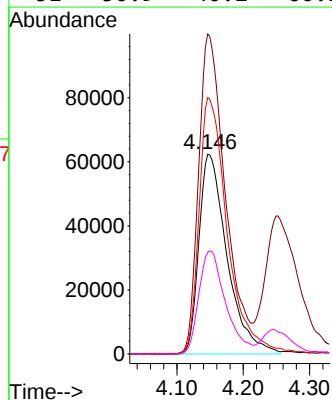
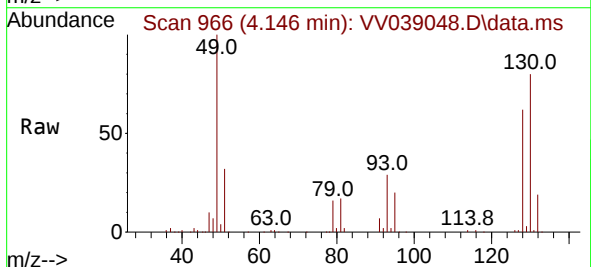
Instrument :
MSVOA_V
ClientSampleId :

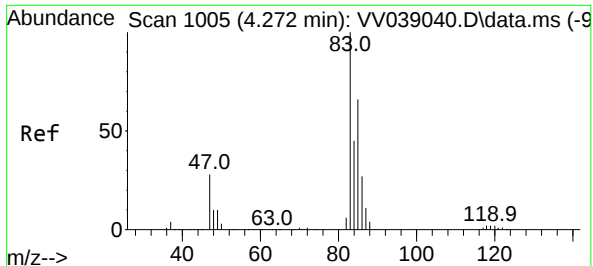
Tgt Ion: 43 Resp: 457622
Ion Ratio Lower Upper
43 100
72 26.6 13.2 39.5



#23
Bromochloromethane
Concen: 55.448 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.000 min
Lab File: VV039048.D
Acq: 11 Sep 2025 15:55

Tgt Ion:128 Resp: 183363
Ion Ratio Lower Upper
128 100
49 160.3 108.4 201.4
130 128.4 89.1 165.5
51 50.9 40.2 60.2

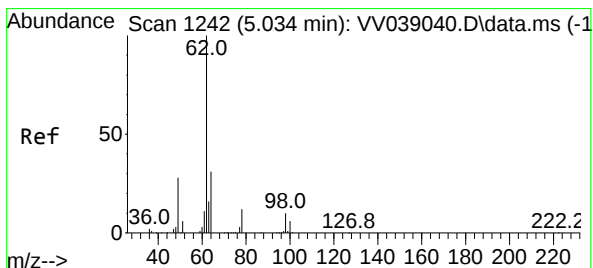
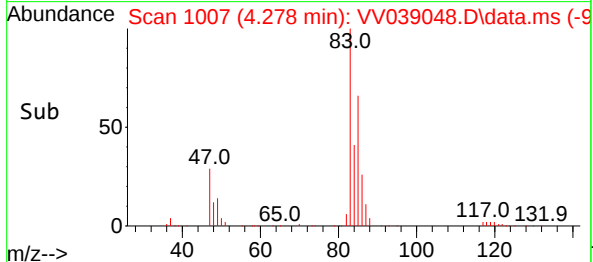
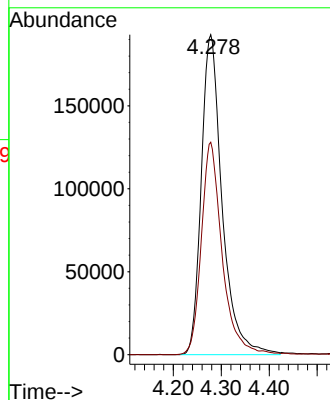
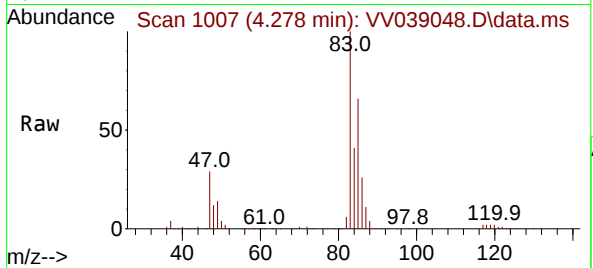




#25
Chloroform
Concen: 51.930 ug/L
RT: 4.278 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VV039048.D
Acq: 11 Sep 2025 15:55

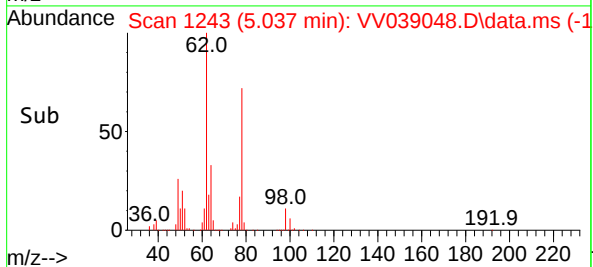
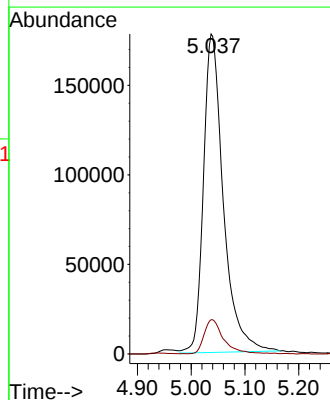
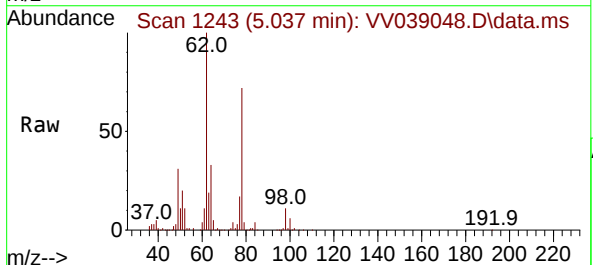
Instrument :
MSVOA_V
ClientSampleId :

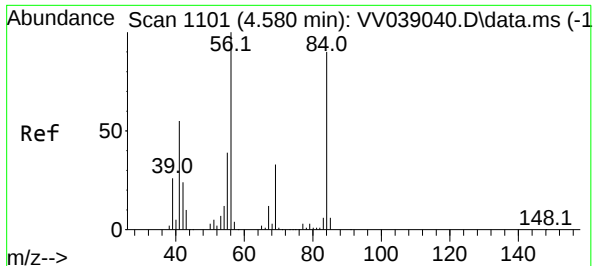
Tgt Ion: 83 Resp: 583278
Ion Ratio Lower Upper
83 100
85 66.4 46.1 85.5



#27
1,2-Dichloroethane
Concen: 55.806 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VV039048.D
Acq: 11 Sep 2025 15:55

Tgt Ion: 62 Resp: 456438
Ion Ratio Lower Upper
62 100
98 10.7 8.2 12.4





#29

Cyclohexane

Concen: 45.234 ug/L

RT: 4.584 min Scan# 1101

Delta R.T. 0.003 min

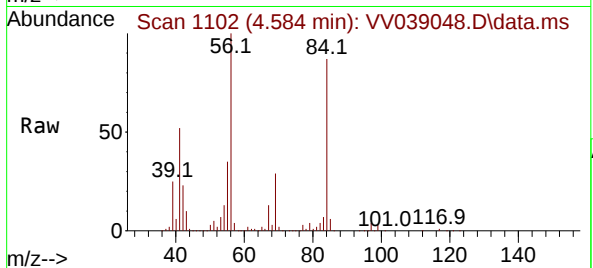
Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :



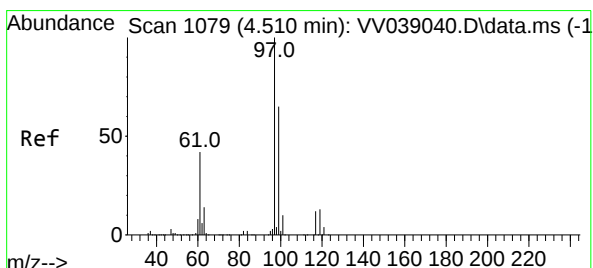
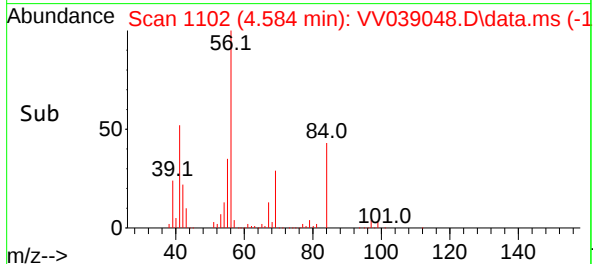
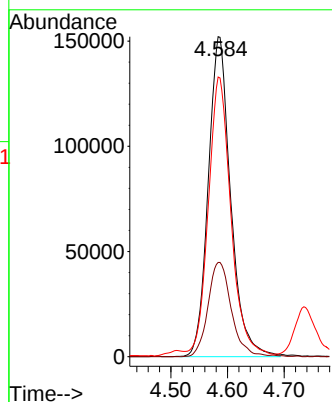
Tgt Ion: 56 Resp: 417472

Ion Ratio Lower Upper

56 100

69 30.7 25.1 37.7

84 87.6 73.0 109.4



#30

1,1,1-Trichloroethane

Concen: 46.302 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

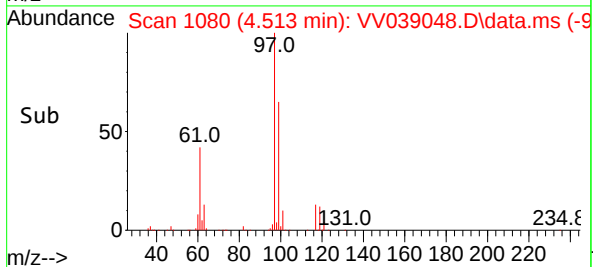
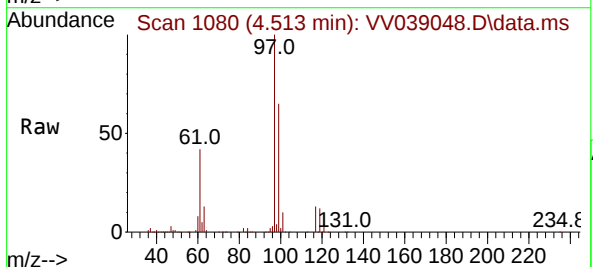
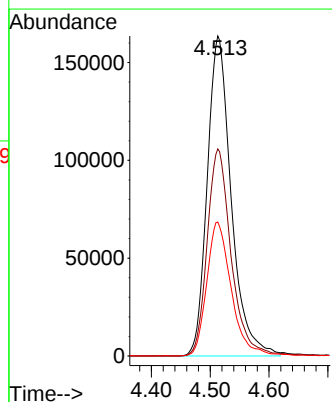
Tgt Ion: 97 Resp: 463660

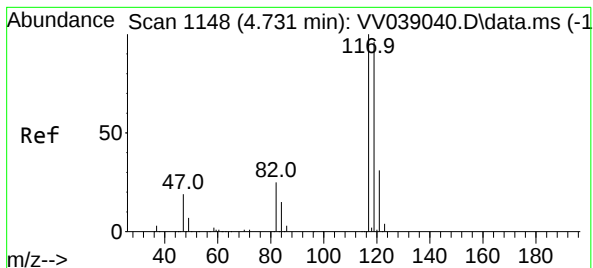
Ion Ratio Lower Upper

97 100

99 64.4 51.1 76.7

61 42.7 33.7 50.5





#31

Carbon tetrachloride

Concen: 45.055 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.003 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

Instrument :

MSVOA_V

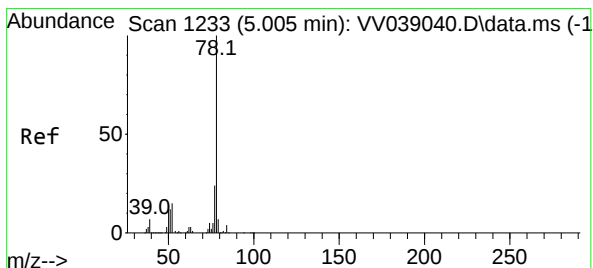
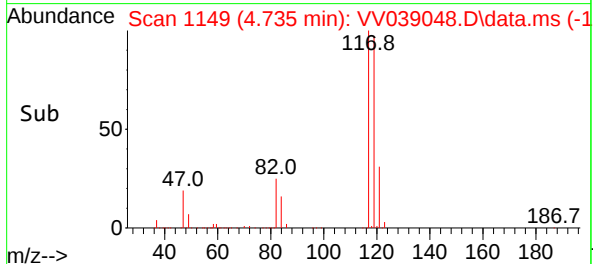
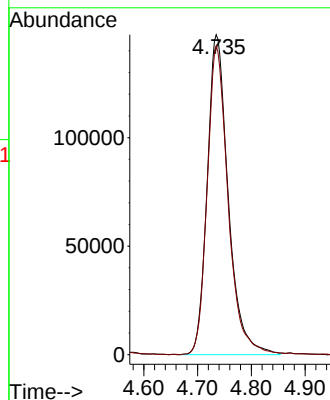
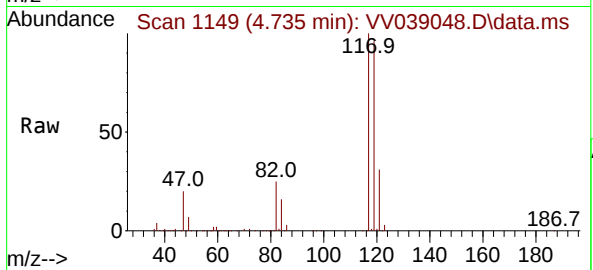
ClientSampleId :

Tgt Ion:117 Resp: 401319

Ion Ratio Lower Upper

117 100

119 95.8 76.2 114.4



#33

Benzene

Concen: 51.657 ug/L

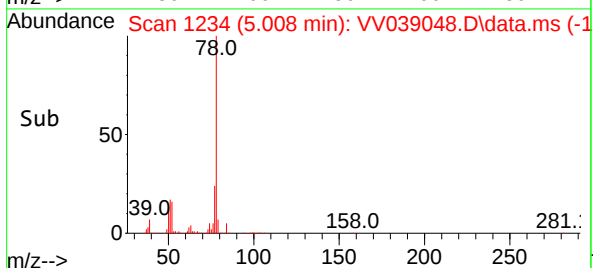
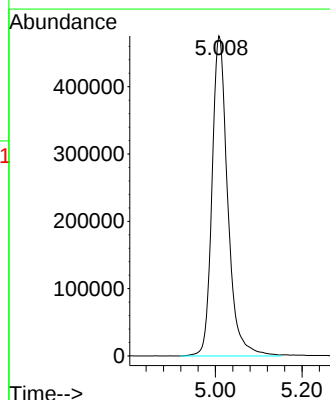
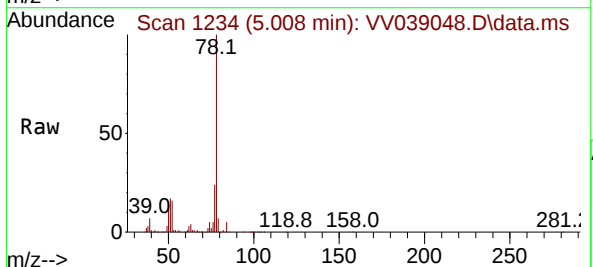
RT: 5.008 min Scan# 1234

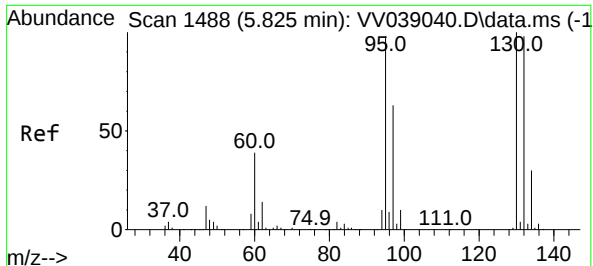
Delta R.T. 0.003 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

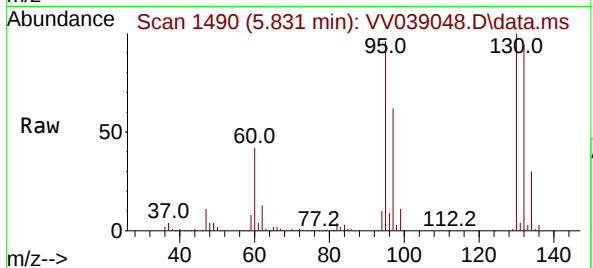
Tgt Ion: 78 Resp: 1196347



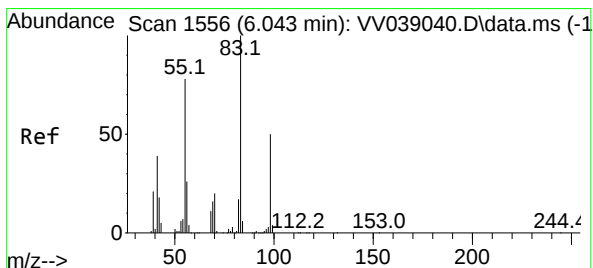
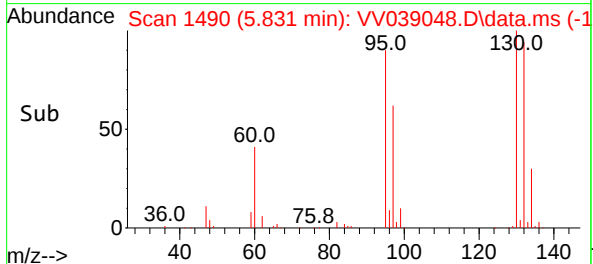
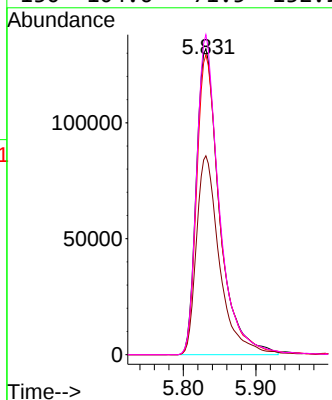


#34
Trichloroethene
Concen: 46.814 ug/L
RT: 5.831 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VV039048.D
Acq: 11 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :

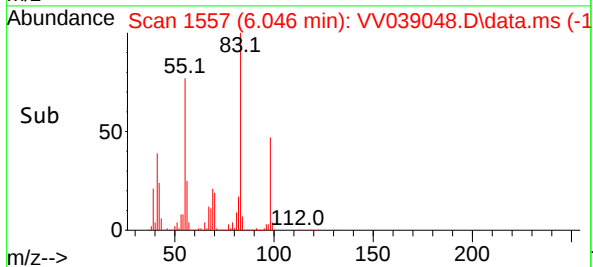
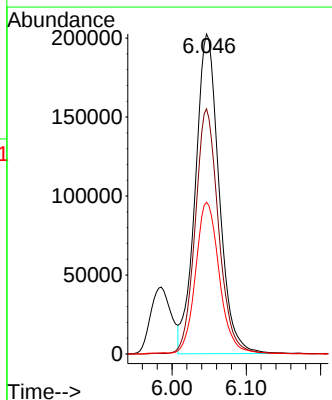
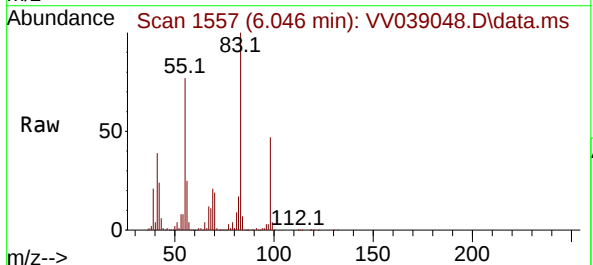


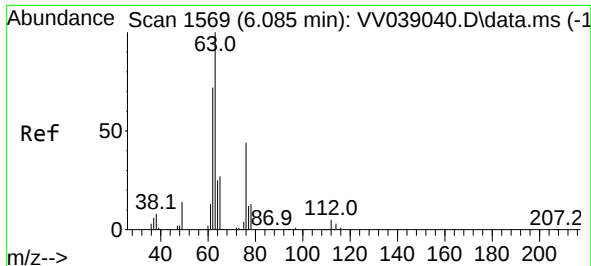
Tgt Ion: 95 Resp: 293858
Ion Ratio Lower Upper
95 100
97 65.0 45.4 84.2
132 98.0 69.9 129.7
130 104.6 71.5 132.9



#35
Methylcyclohexane
Concen: 44.818 ug/L
RT: 6.046 min Scan# 1557
Delta R.T. 0.003 min
Lab File: VV039048.D
Acq: 11 Sep 2025 15:55

Tgt Ion: 83 Resp: 450187
Ion Ratio Lower Upper
83 100
55 74.9 59.0 88.6
98 47.3 37.7 56.5





#37

1,2-Dichloropropane

Concen: 53.800 ug/L

RT: 6.088 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

Instrument :

MSVOA_V

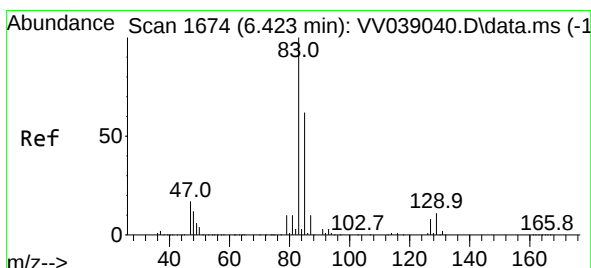
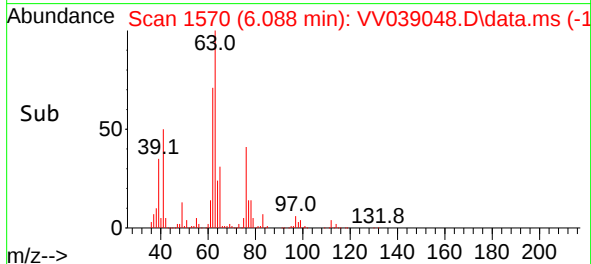
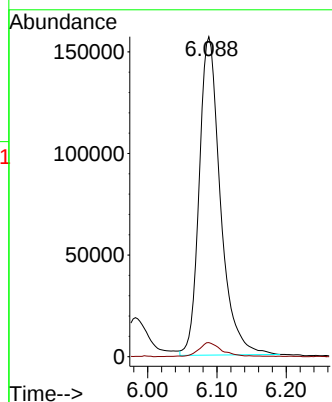
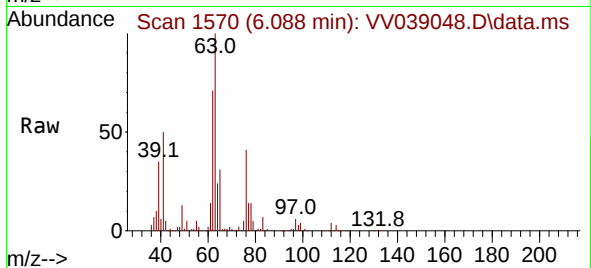
ClientSampleId :

Tgt Ion: 63 Resp: 333423

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 52.506 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.003 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

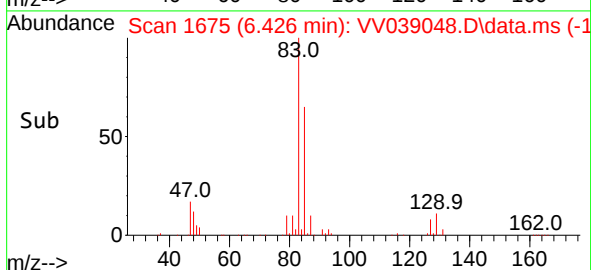
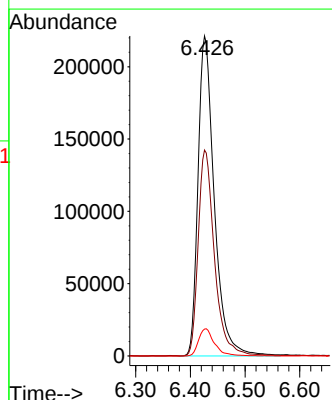
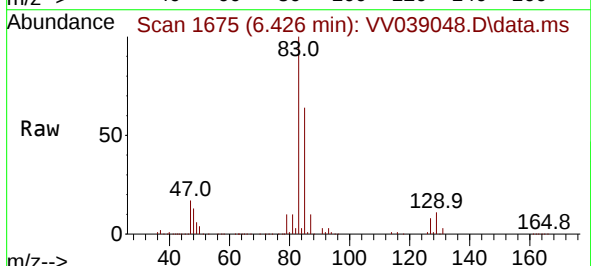
Tgt Ion: 83 Resp: 458070

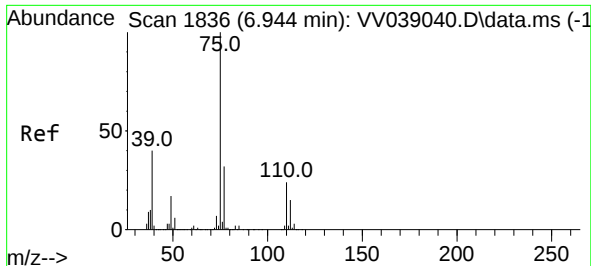
Ion Ratio Lower Upper

83 100

85 64.3 43.5 80.7

127 8.4 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 53.017 ug/L

RT: 6.947 min Scan# 1836

Delta R.T. 0.003 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

Instrument :

MSVOA_V

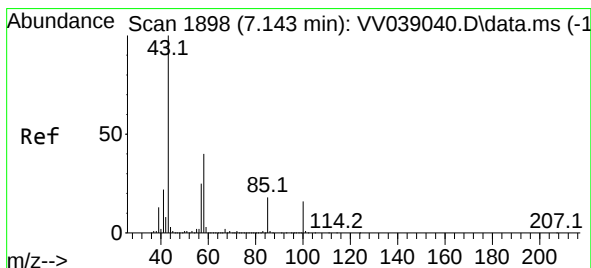
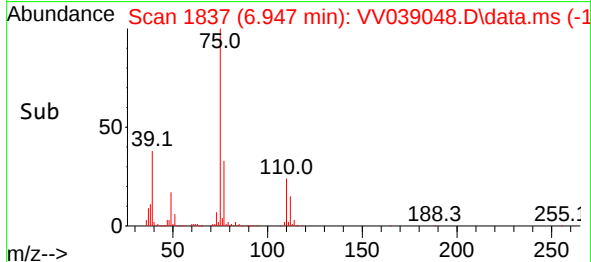
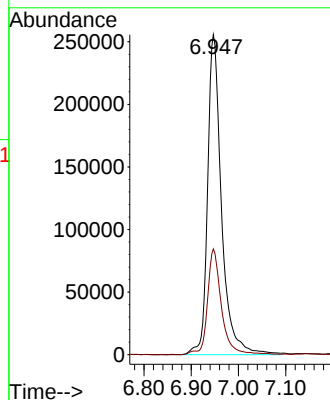
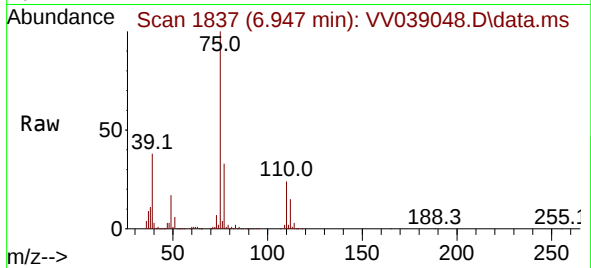
ClientSampleId :

Tgt Ion: 75 Resp: 523833

Ion Ratio Lower Upper

75 100

77 33.1 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 122.533 ug/L

RT: 7.146 min Scan# 1899

Delta R.T. 0.003 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

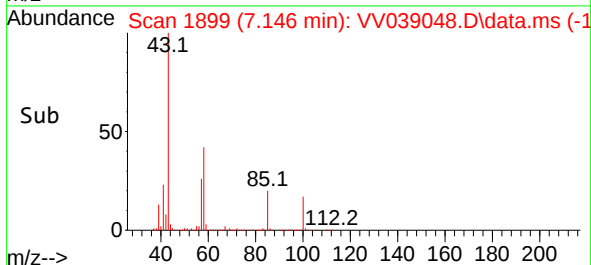
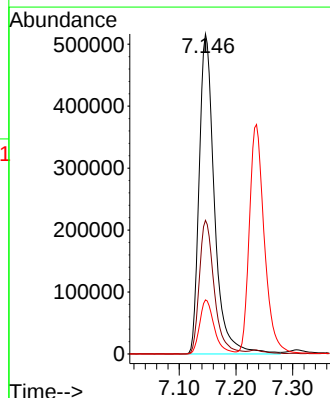
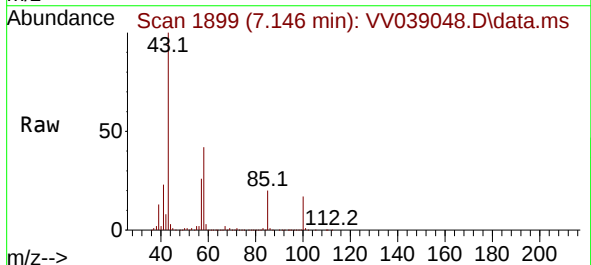
Tgt Ion: 43 Resp: 963638

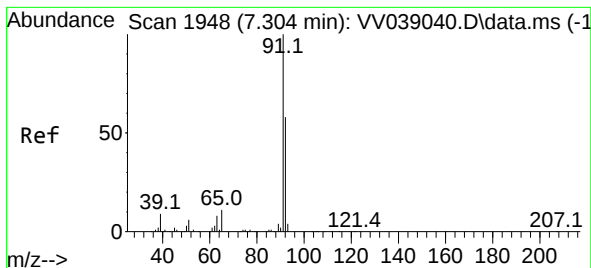
Ion Ratio Lower Upper

43 100

58 41.0 32.6 48.8

100 16.3 12.7 19.1





#42

Toluene

Concen: 49.233 ug/L

RT: 7.307 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

Instrument :

MSVOA_V

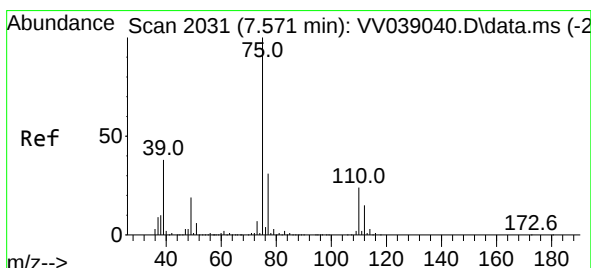
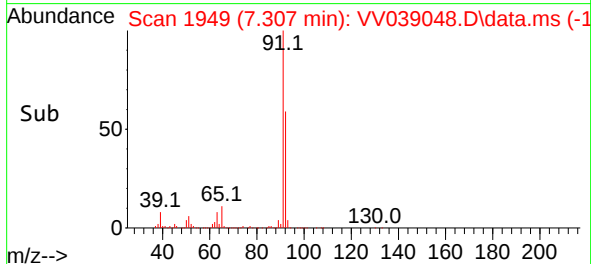
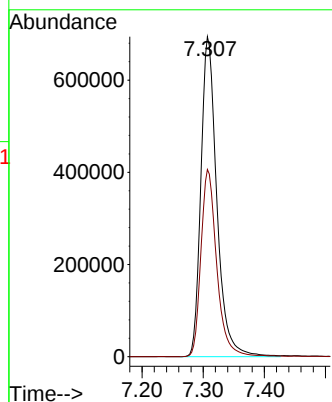
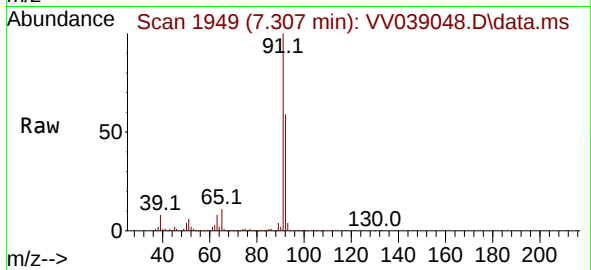
ClientSampleId :

Tgt Ion: 91 Resp: 1256173

Ion Ratio Lower Upper

91 100

92 58.5 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 53.981 ug/L

RT: 7.571 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VV039048.D

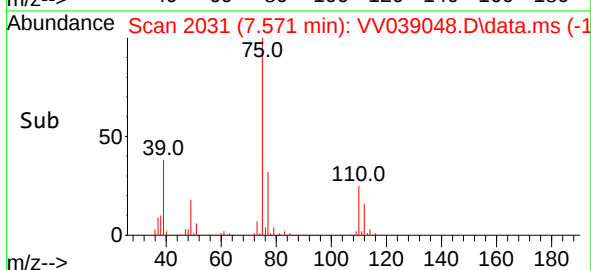
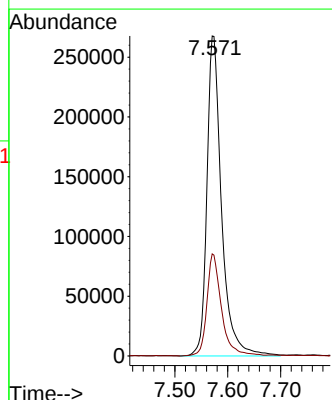
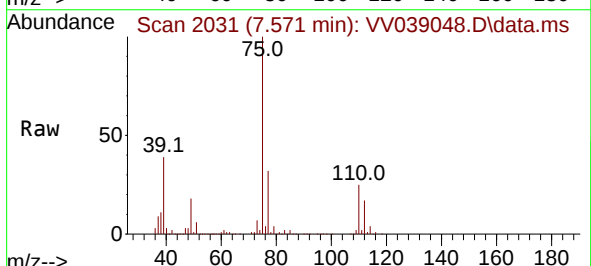
Acq: 11 Sep 2025 15:55

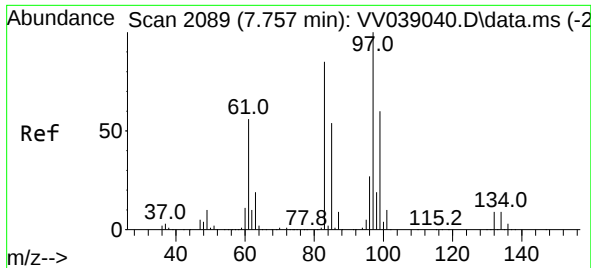
Tgt Ion: 75 Resp: 514188

Ion Ratio Lower Upper

75 100

77 31.9 21.6 40.2

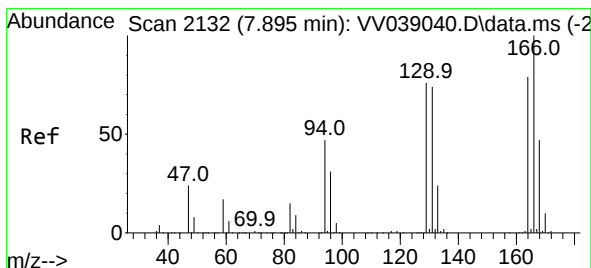
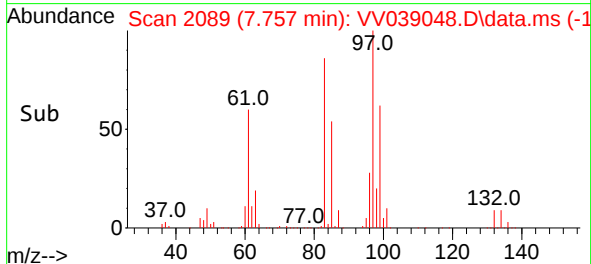
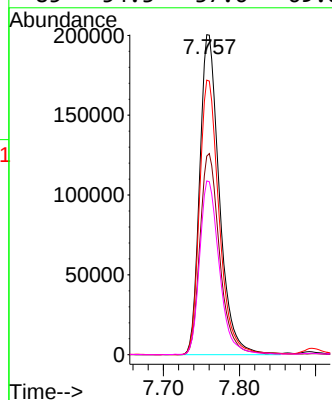
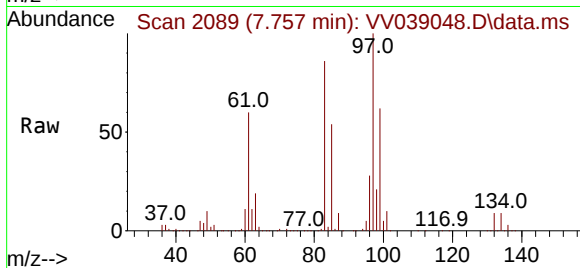




#45
1,1,2-Trichloroethane
Concen: 54.882 ug/L
RT: 7.757 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VV039048.D
Acq: 11 Sep 2025 15:55

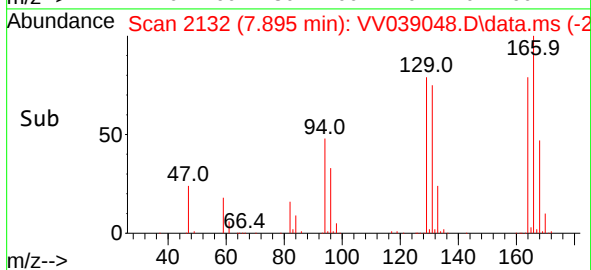
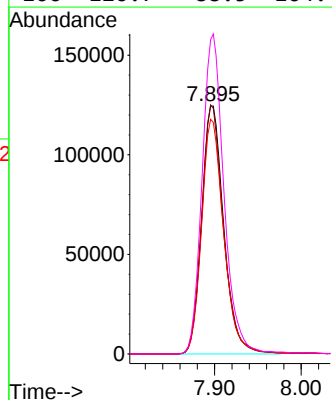
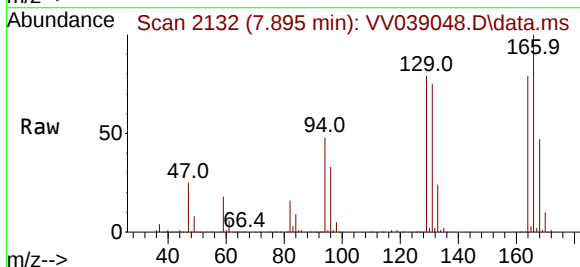
Instrument :
MSVOA_V
ClientSampleId :

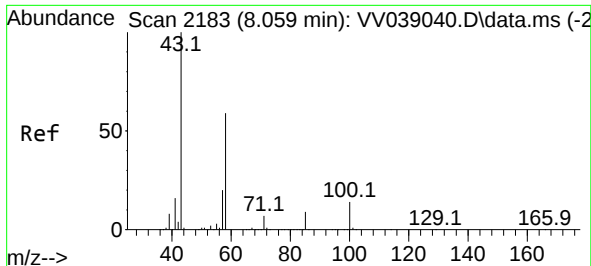
Tgt Ion:	97	Resp:	360068
Ion	Ratio	Lower	Upper
97	100		
99	62.1	42.3	78.5
83	85.8	59.4	110.2
85	54.3	37.6	69.8



#46
Tetrachloroethene
Concen: 45.332 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039048.D
Acq: 11 Sep 2025 15:55

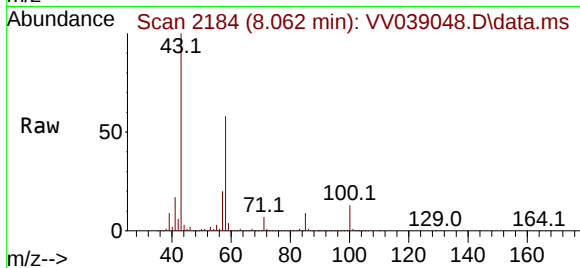
Tgt Ion:	164	Resp:	220716
Ion	Ratio	Lower	Upper
164	100		
129	100.4	67.0	124.4
131	94.6	65.6	121.8
166	126.7	88.5	164.4



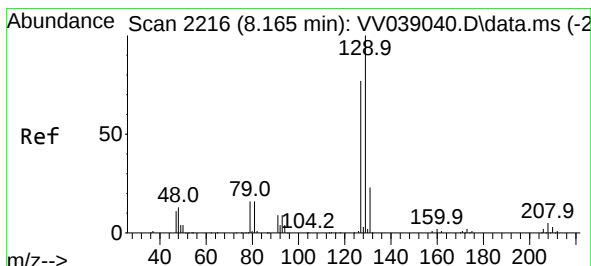
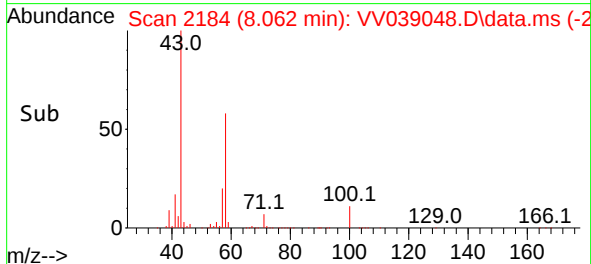
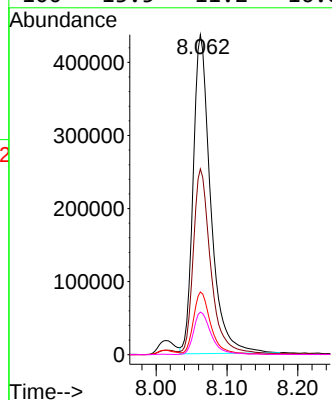


#48
2-Hexanone
Concen: 136.763 ug/L
RT: 8.062 min Scan# 2184
Delta R.T. 0.003 min
Lab File: VV039048.D
Acq: 11 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :

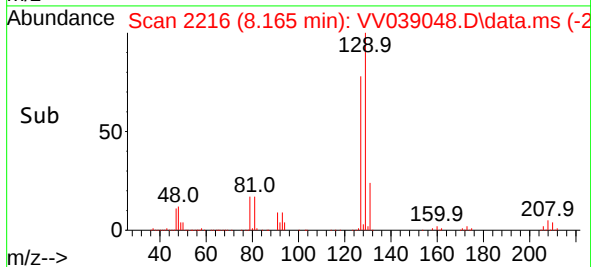
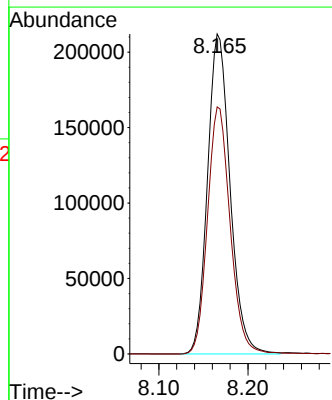
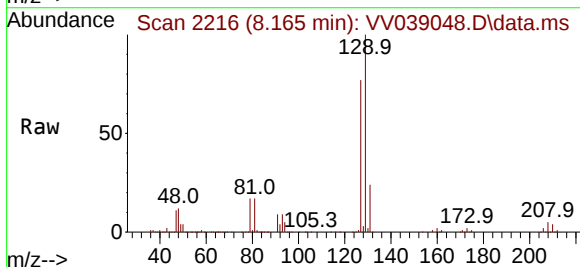


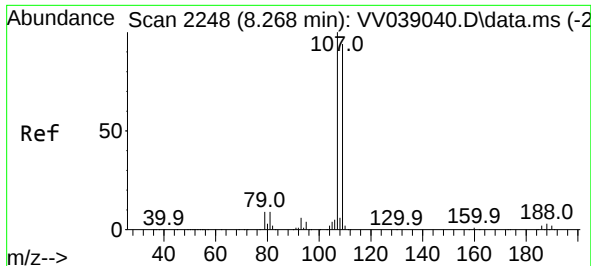
Tgt Ion: 43 Resp: 750157
Ion Ratio Lower Upper
43 100
58 58.0 46.3 69.5
57 19.0 15.8 23.6
100 13.5 11.2 16.8



#49
Dibromochloromethane
Concen: 53.740 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV039048.D
Acq: 11 Sep 2025 15:55

Tgt Ion: 129 Resp: 372681
Ion Ratio Lower Upper
129 100
127 77.2 53.8 100.0





#50

1,2-Dibromoethane

Concen: 55.943 ug/L

RT: 8.271 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

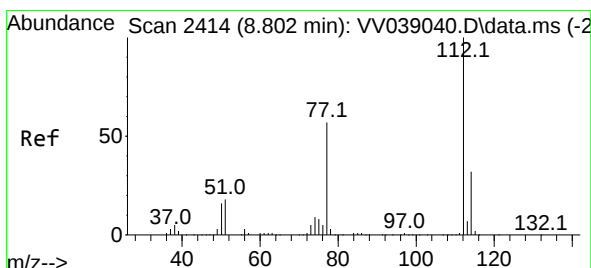
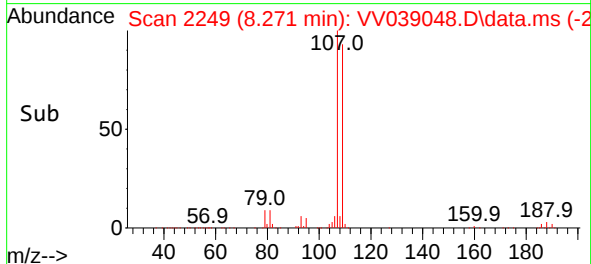
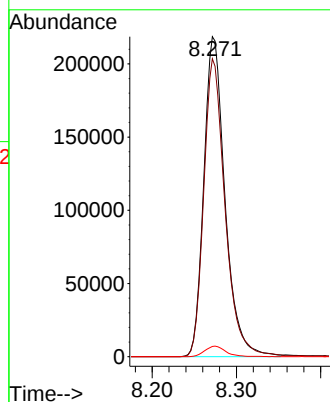
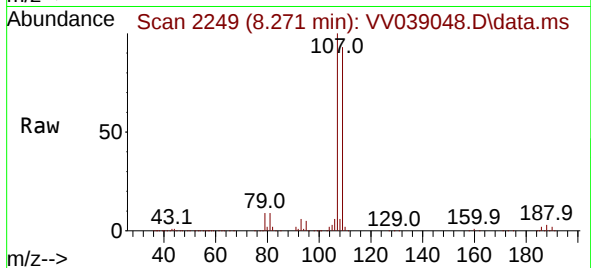
Tgt Ion:107 Resp: 383304

Ion Ratio Lower Upper

107 100

109 93.1 66.1 122.8

188 3.2 2.6 4.0



#51

Chlorobenzene

Concen: 48.611 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. 0.003 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

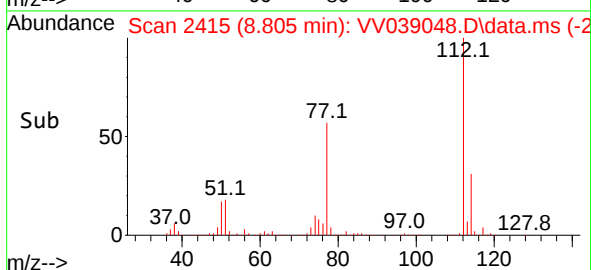
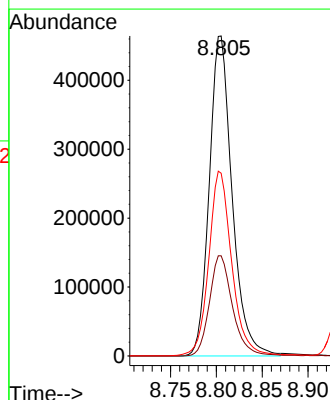
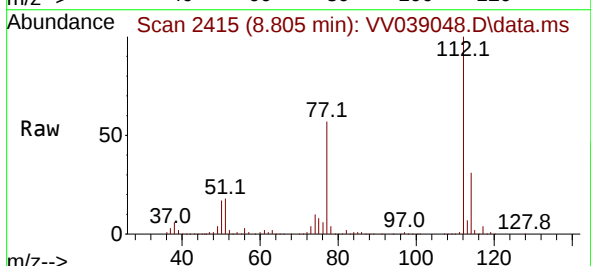
Tgt Ion:112 Resp: 805831

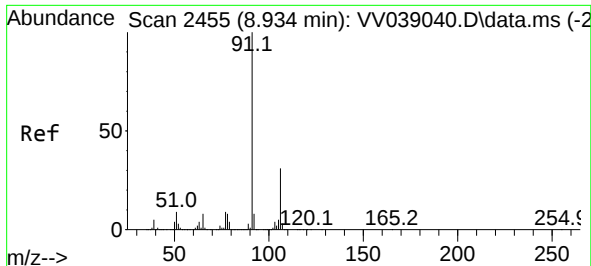
Ion Ratio Lower Upper

112 100

114 31.3 22.3 41.3

77 57.1 45.5 68.3





#52

Ethylbenzene

Concen: 48.471 ug/L

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

Instrument :

MSVOA_V

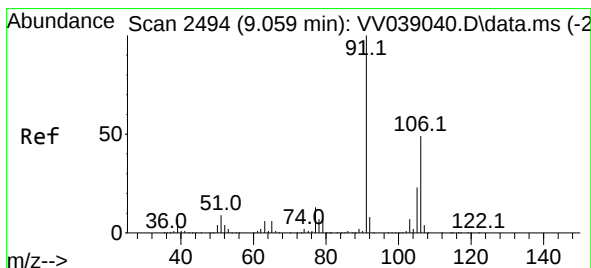
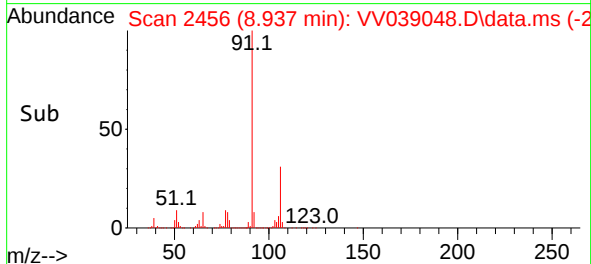
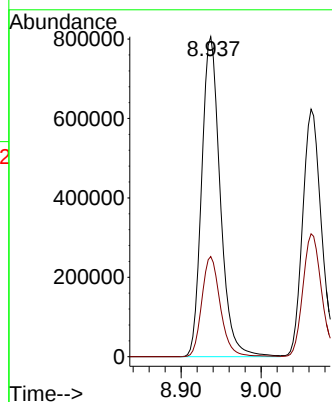
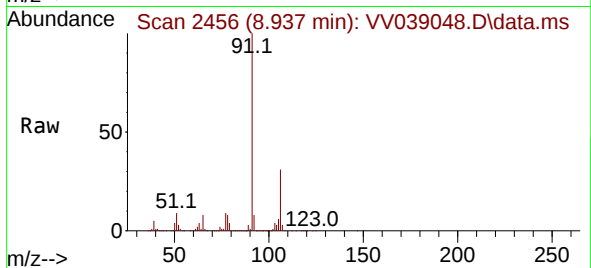
ClientSampleId :

Tgt Ion: 91 Resp: 1301302

Ion Ratio Lower Upper

91 100

106 31.3 21.7 40.3



#53

m,p-Xylene

Concen: 49.387 ug/L

RT: 9.062 min Scan# 2495

Delta R.T. 0.003 min

Lab File: VV039048.D

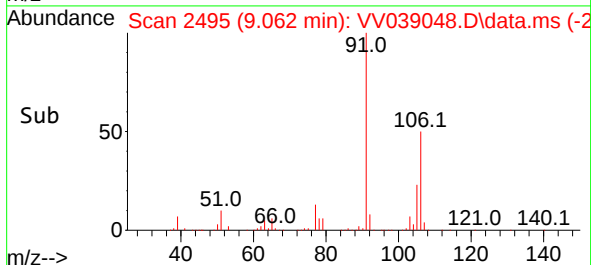
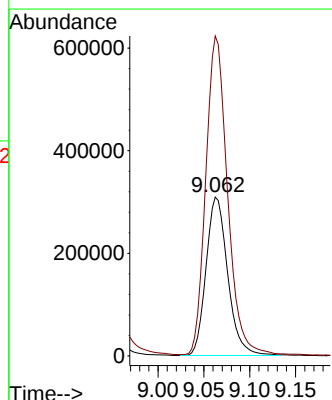
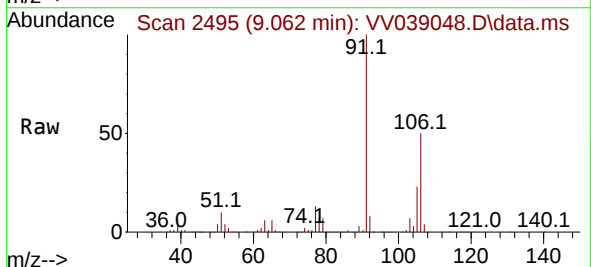
Acq: 11 Sep 2025 15:55

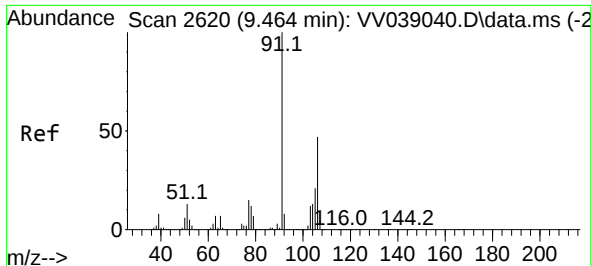
Tgt Ion:106 Resp: 507371

Ion Ratio Lower Upper

106 100

91 201.3 142.0 263.8

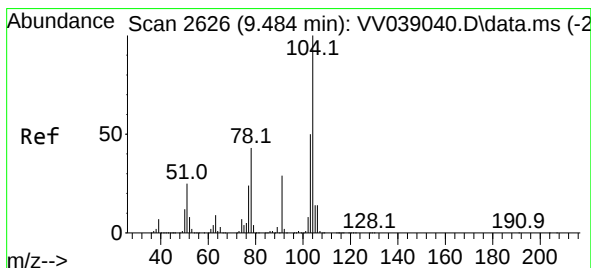
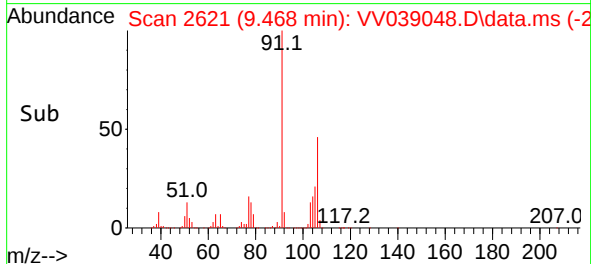
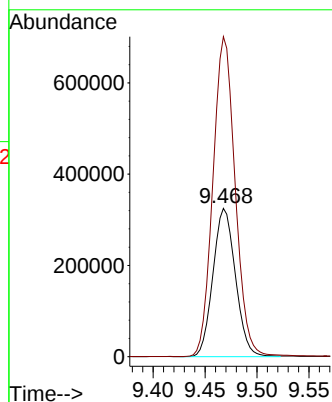
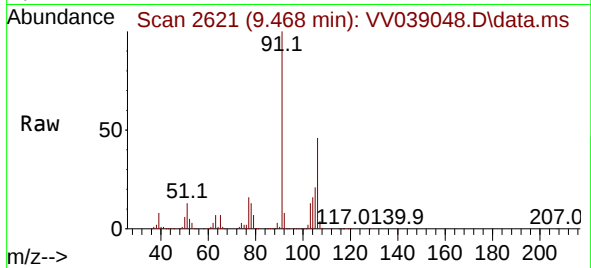




#54
o-Xylene
Concen: 51.491 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. 0.003 min
Lab File: VV039048.D
Acq: 11 Sep 2025 15:55

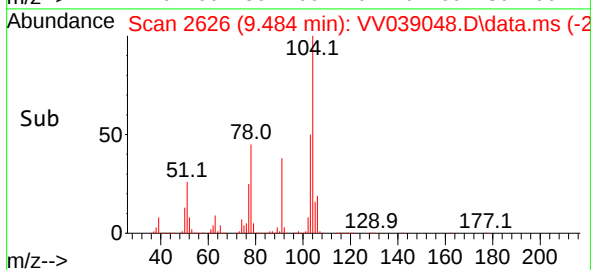
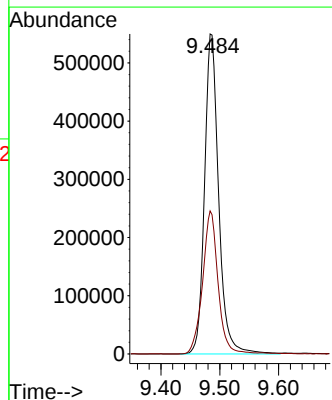
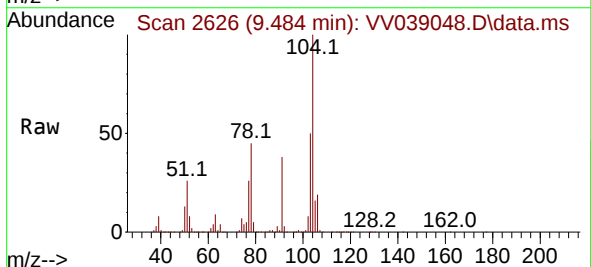
Instrument :
MSVOA_V
ClientSampleId :

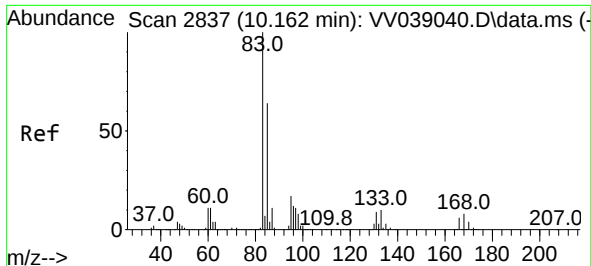
Tgt Ion:106 Resp: 489944
Ion Ratio Lower Upper
106 100
91 215.7 149.1 276.9



#55
Styrene
Concen: 54.532 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV039048.D
Acq: 11 Sep 2025 15:55

Tgt Ion:104 Resp: 916433
Ion Ratio Lower Upper
104 100
78 44.7 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 56.030 ug/L

RT: 10.165 min Scan# 2838

Delta R.T. 0.003 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

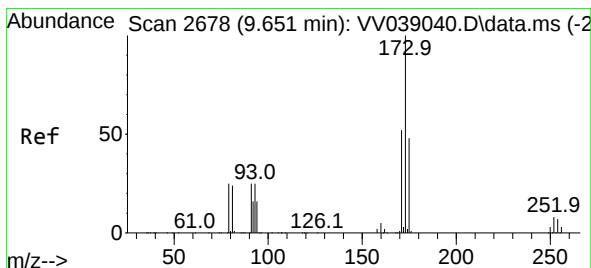
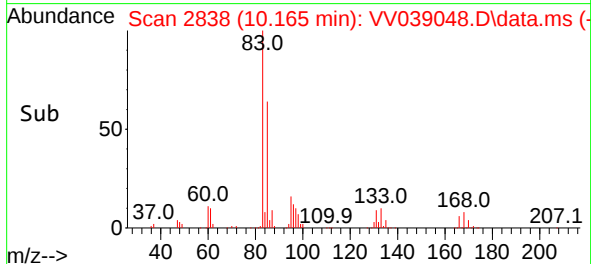
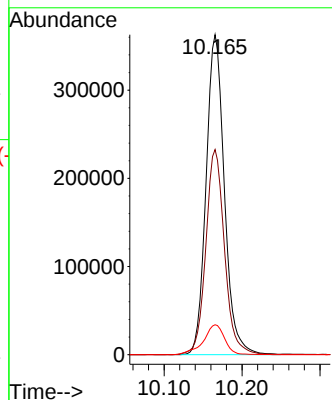
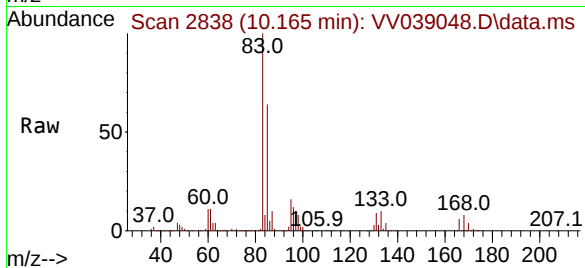
Tgt Ion: 83 Resp: 592793

Ion Ratio Lower Upper

83 100

85 64.1 44.8 83.2

131 9.4 7.6 11.4



#59

Bromoform

Concen: 55.968 ug/L

RT: 9.654 min Scan# 2679

Delta R.T. 0.003 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

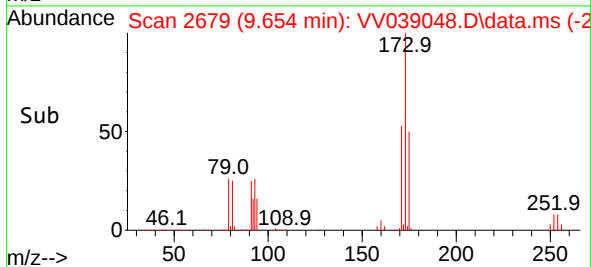
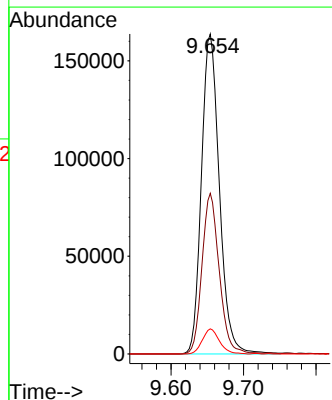
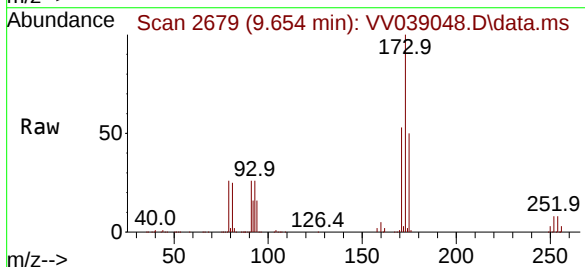
Tgt Ion:173 Resp: 281632

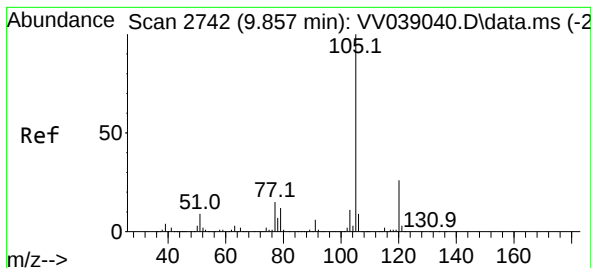
Ion Ratio Lower Upper

173 100

175 48.0 38.9 58.3

254 7.5 5.9 8.9





#60

Isopropylbenzene

Concen: 49.743 ug/L

RT: 9.857 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

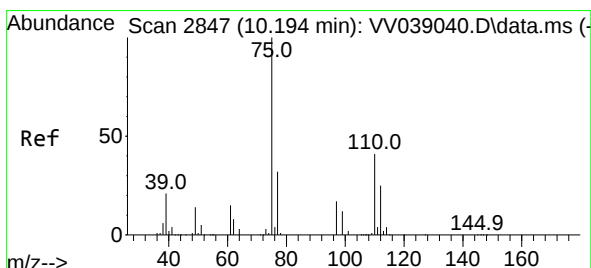
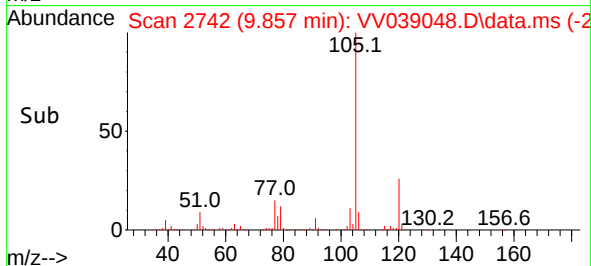
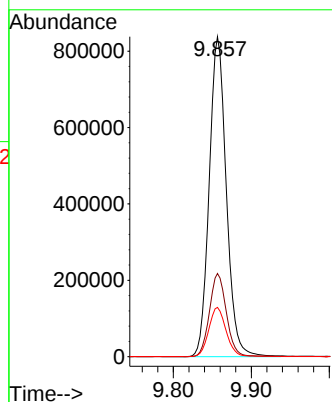
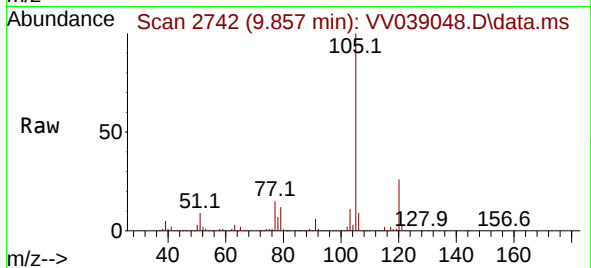
Tgt Ion:105 Resp: 1278380

Ion Ratio Lower Upper

105 100

120 25.7 21.0 31.4

77 15.5 12.2 18.4



#61

1,2,3-Trichloropropane

Concen: 57.246 ug/L

RT: 10.197 min Scan# 2848

Delta R.T. 0.003 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

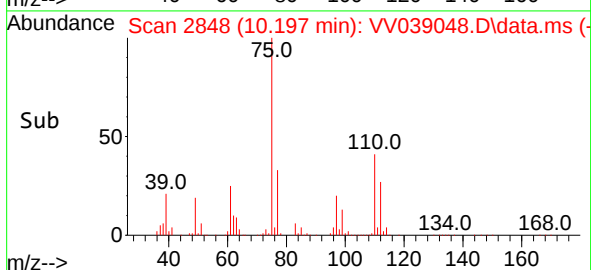
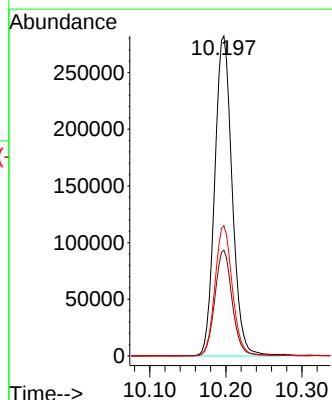
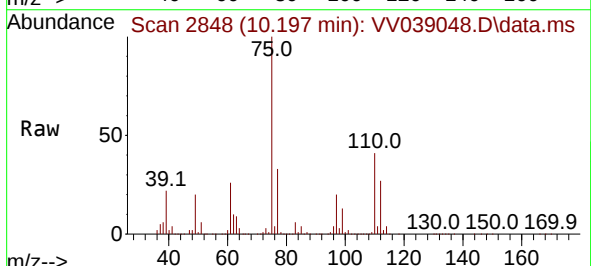
Tgt Ion: 75 Resp: 449198

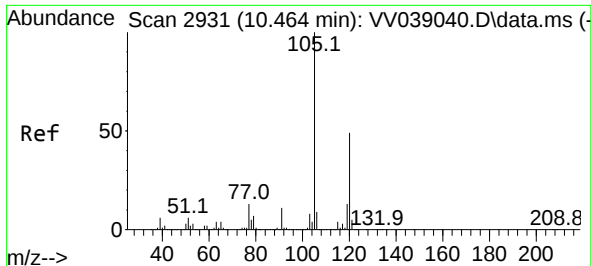
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

110 40.6 32.4 48.6

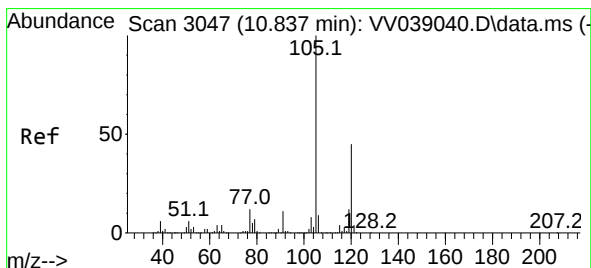
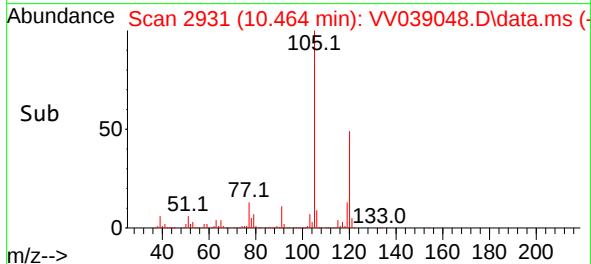
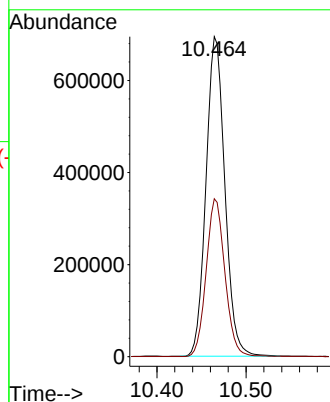
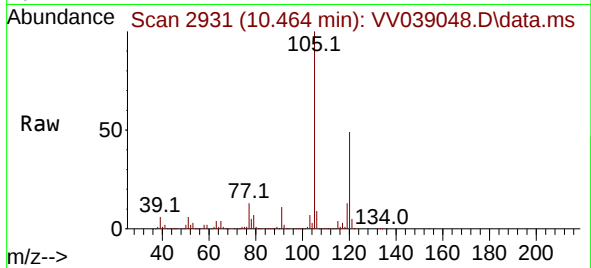




#62
 1,3,5-Trimethylbenzene
 Concen: 50.769 ug/L
 RT: 10.464 min Scan# 2931
 Delta R.T. 0.000 min
 Lab File: VV039048.D
 Acq: 11 Sep 2025 15:55

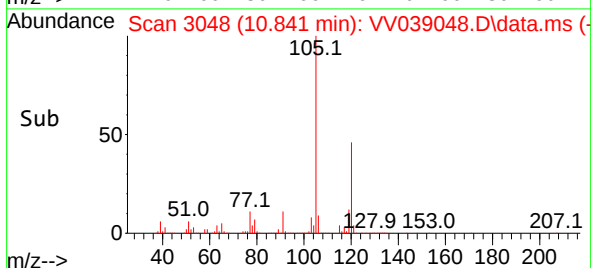
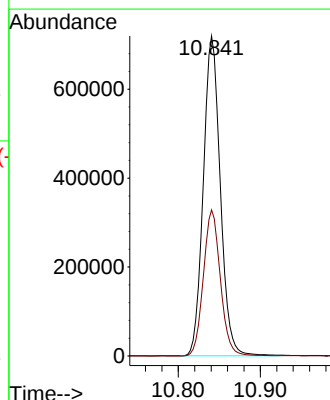
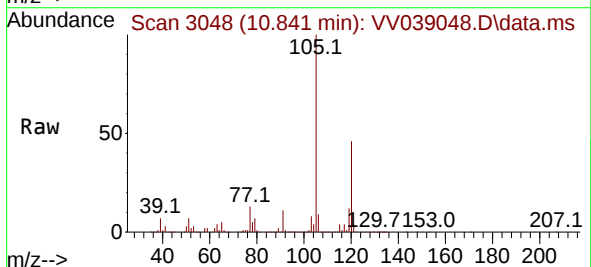
Instrument :
 MSVOA_V
 ClientSampleId :

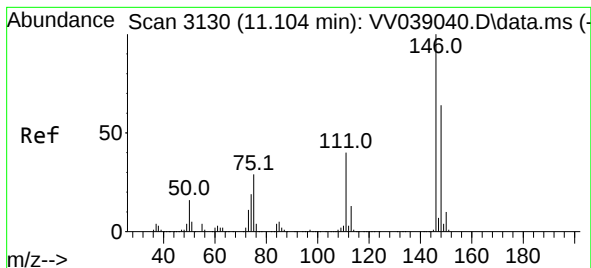
Tgt Ion:105 Resp: 1020484
 Ion Ratio Lower Upper
 105 100
 120 49.0 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 52.103 ug/L
 RT: 10.841 min Scan# 3048
 Delta R.T. 0.003 min
 Lab File: VV039048.D
 Acq: 11 Sep 2025 15:55

Tgt Ion:105 Resp: 1037991
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 49.897 ug/L

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

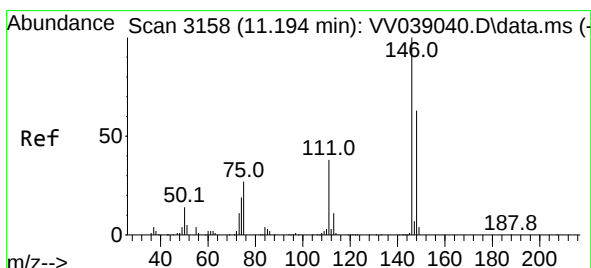
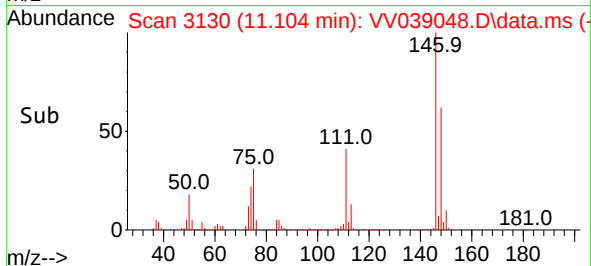
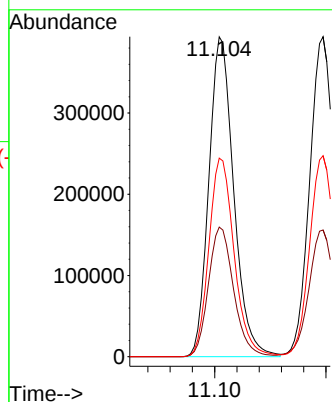
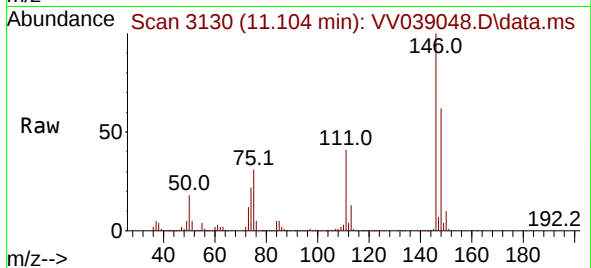
Tgt Ion:146 Resp: 610469

Ion Ratio Lower Upper

146 100

111 40.5 28.3 52.5

148 62.1 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 48.613 ug/L

RT: 11.197 min Scan# 3159

Delta R.T. 0.003 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

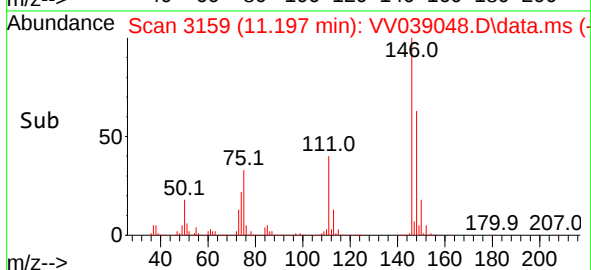
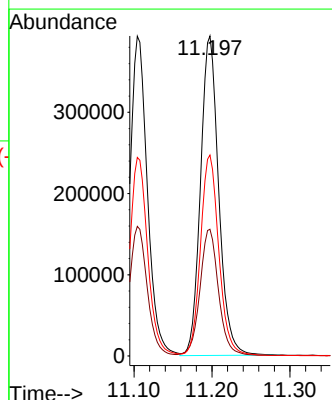
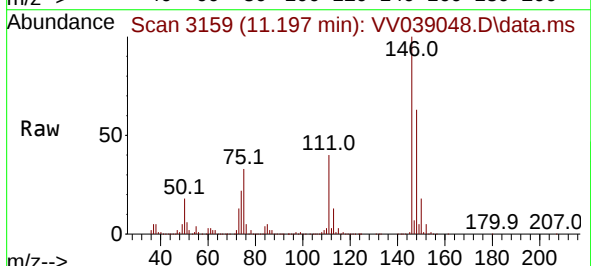
Tgt Ion:146 Resp: 636665

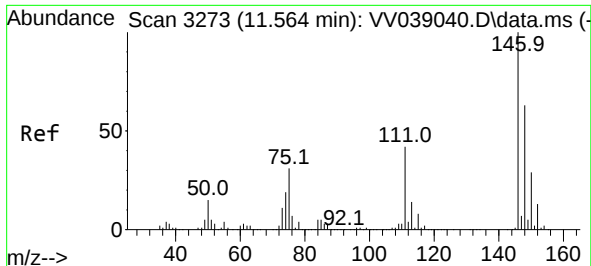
Ion Ratio Lower Upper

146 100

111 39.6 27.0 50.2

148 62.8 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 52.754 ug/L

RT: 11.567 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

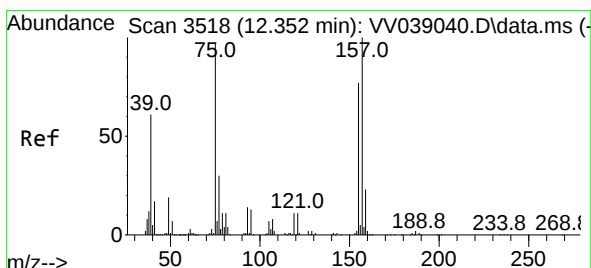
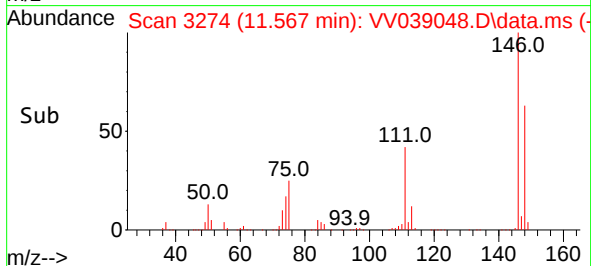
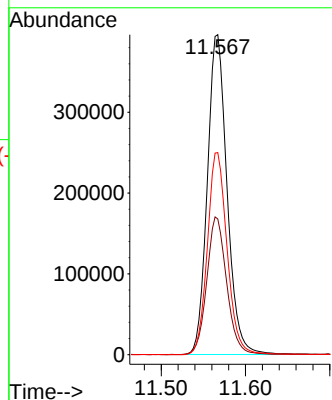
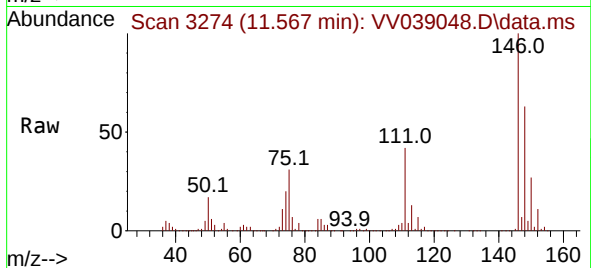
Tgt Ion:146 Resp: 645520

Ion Ratio Lower Upper

146 100

111 42.4 33.4 50.2

148 63.1 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 59.940 ug/L

RT: 12.352 min Scan# 3518

Delta R.T. -0.000 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

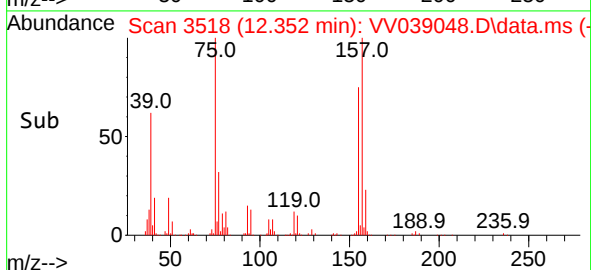
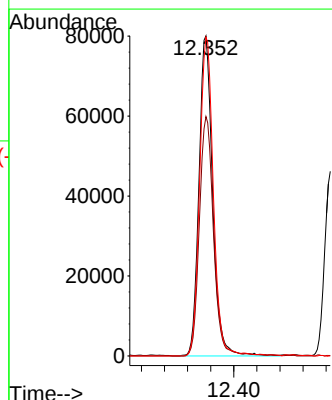
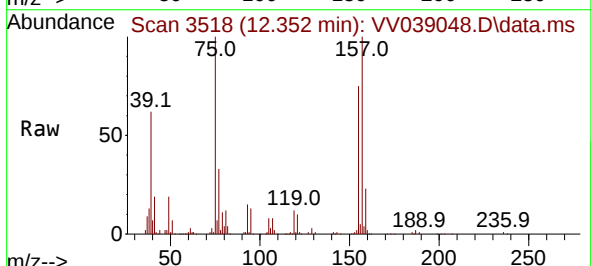
Tgt Ion: 75 Resp: 132061

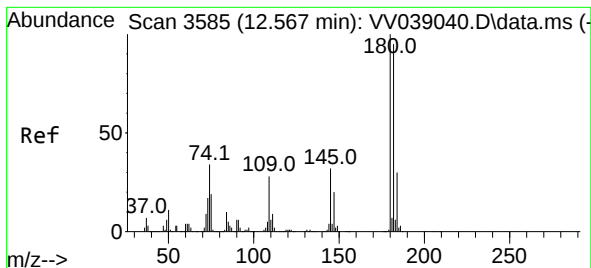
Ion Ratio Lower Upper

75 100

155 74.8 63.7 95.5

157 99.6 82.2 123.2





#69

1,3,5-Trichlorobenzene

Concen: 49.747 ug/L

RT: 12.570 min Scan# 3585

Delta R.T. 0.003 min

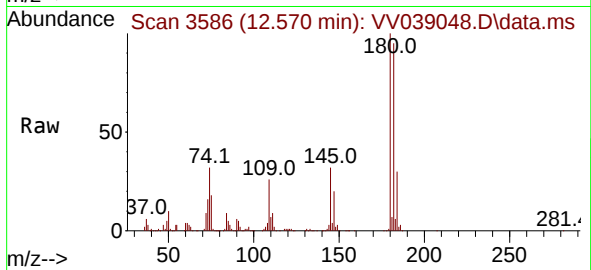
Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 392900

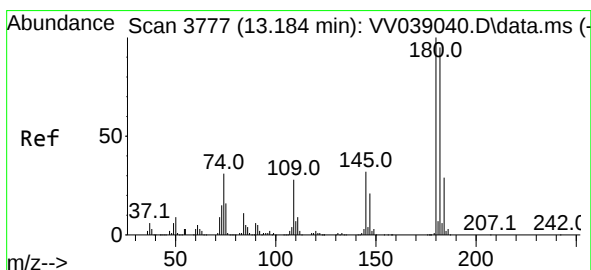
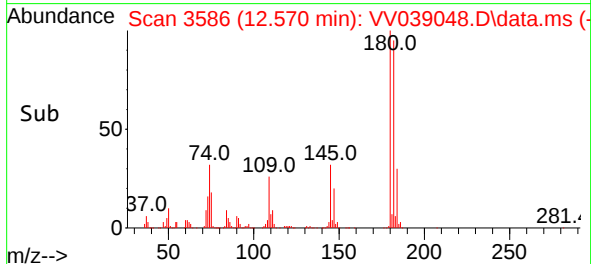
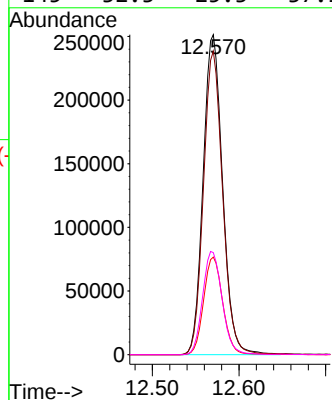
Ion Ratio Lower Upper

180 100

182 93.5 75.0 112.4

184 29.9 23.8 35.8

145 32.3 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 49.246 ug/L

RT: 13.184 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

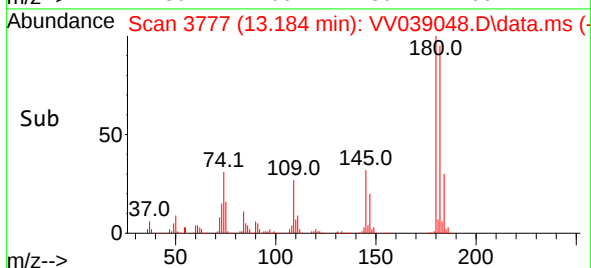
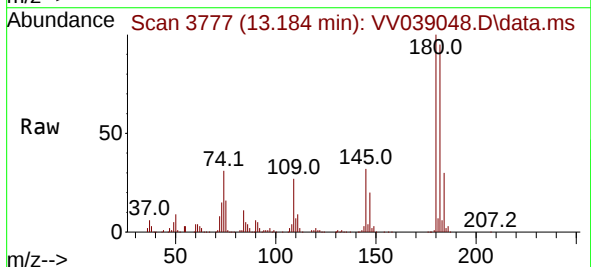
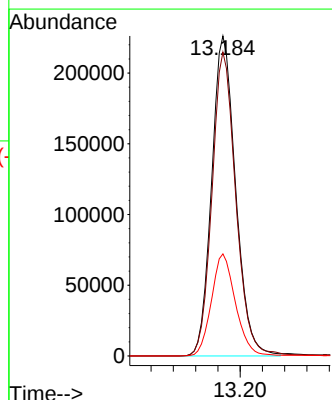
Tgt Ion:180 Resp: 338176

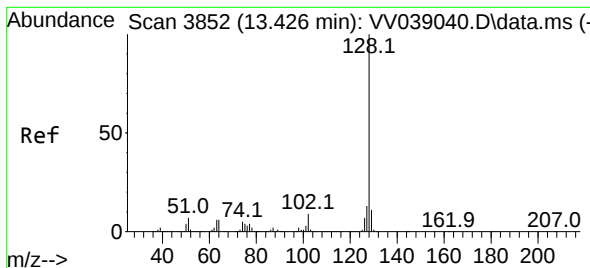
Ion Ratio Lower Upper

180 100

182 94.2 76.0 114.0

145 32.1 25.8 38.6





#71

Naphthalene

Concen: 57.937 ug/L

RT: 13.426 min Scan# 3852

Delta R.T. 0.000 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

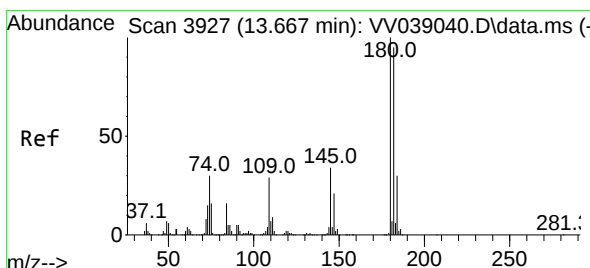
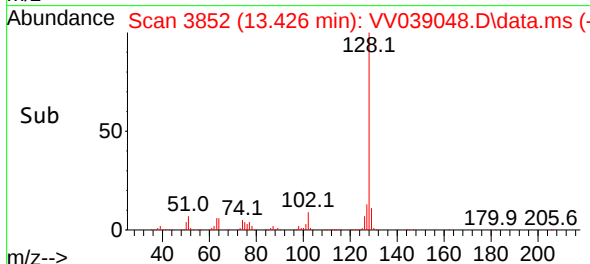
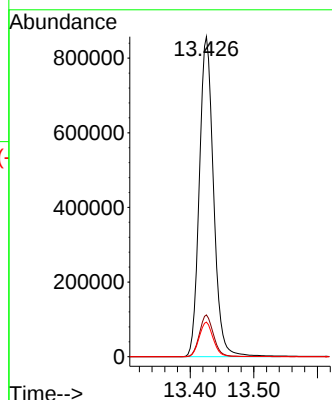
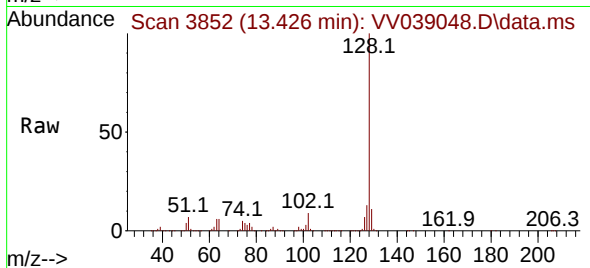
Tgt Ion:128 Resp: 1330123

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 54.088 ug/L

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV039048.D

Acq: 11 Sep 2025 15:55

Tgt Ion:180 Resp: 385621

Ion Ratio Lower Upper

180 100

182 93.3 75.9 113.9

145 34.0 27.1 40.7

