

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
 Data File : VV039106.D
 Acq On : 16 Sep 2025 14:54
 Operator : SY/MD
 Sample : Q3084-04DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

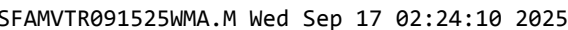
Quant Time: Sep 17 02:24:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 17 02:19:46 2025
 Response via : Initial Calibration

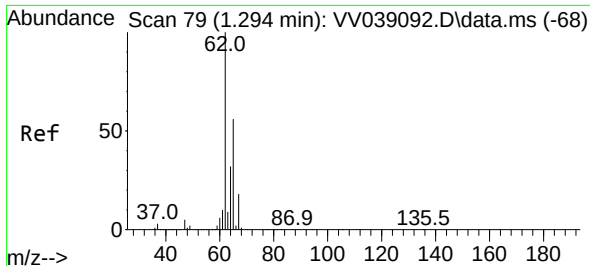
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	360702	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	385269	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	147244	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	117509	4.131	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.600%	
7) Chloroethane-d5	1.545	69	119622	4.852	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.000%	
11) 1,1-Dichloroethene-d2	2.073	65	56411	4.162	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.200%	
20) 2-Butanone-d5	3.796	46	197864	46.828	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.660%	
24) Chloroform-d	4.256	84	254166	4.600	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	4.947	65	116794	5.020	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	4.963	84	452017	4.288	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
36) 1,2-Dichloropropane-d6	5.989	67	148030	4.698	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.000%	
41) Toluene-d8	7.240	98	337951	3.581	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.600%	
43) trans-1,3-Dichloroprop...	7.558	79	43944	3.813	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.200%	
46) 2-Hexanone-d5	8.018	63	154006	41.274	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.540%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	108687	4.831	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.600%	
66) 1,2-Dichlorobenzene-d4	11.551	152	120504	5.084	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.298	62	13927	0.353	ug/L #	34
8) Chloroethane	1.294	64	6263	0.254	ug/L	97
18) trans-1,2-Dichloroethene	2.712	96	7805	0.259	ug/L	79
19) 1,1-Dichloroethane	3.127	63	43913	0.794	ug/L	94
22) cis-1,2-Dichloroethene	3.825	96	186721	6.346	ug/L	98
33) Benzene	5.021	78	13517	0.111	ug/L	100
35) Methylcyclohexane	5.989	83	37970	0.742	ug/L #	19
37) 1,2-Dichloropropane	5.986	63	15569	0.495	ug/L #	90
51) Chlorobenzene	8.812	112	83281	1.021	ug/L	98
61) 1,2,3-Trichloropropane	11.108	75	22536	1.817	ug/L #	50
64) 1,3-Dichlorobenzene	11.111	146	74329	1.547	ug/L	95
65) 1,4-Dichlorobenzene	11.198	146	477428	9.603	ug/L	97
67) 1,2-Dichlorobenzene	11.567	146	7690	0.181	ug/L #	85

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

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QLast Update : Wed Sep 17 02:19:46 2025
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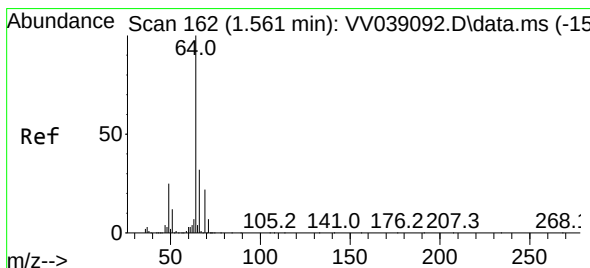
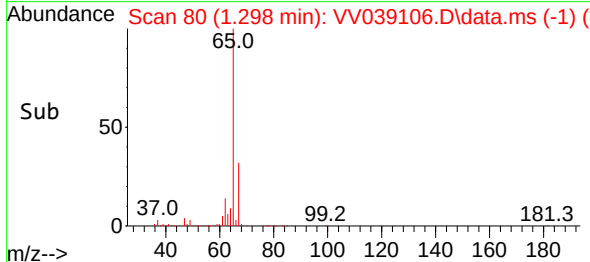
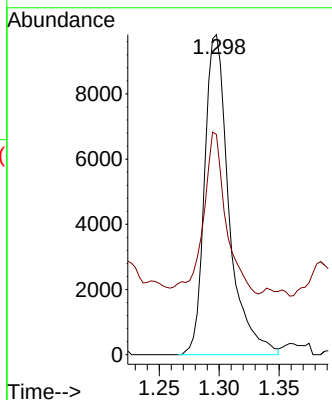
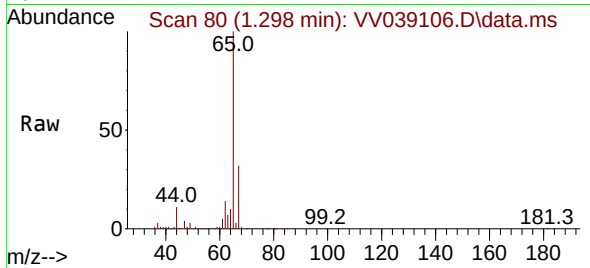




#5
 Vinyl chloride
 Concen: 0.353 ug/L
 RT: 1.298 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV039106.D
 Acq: 16 Sep 2025 14:54

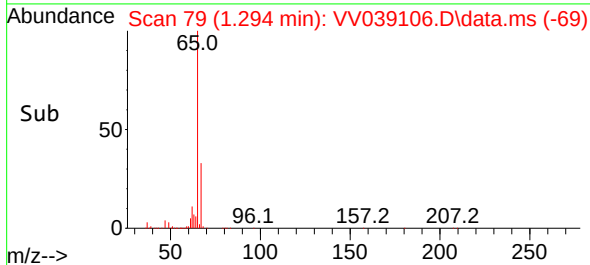
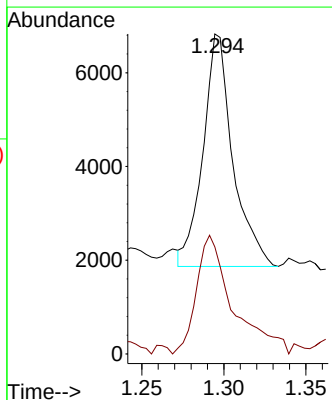
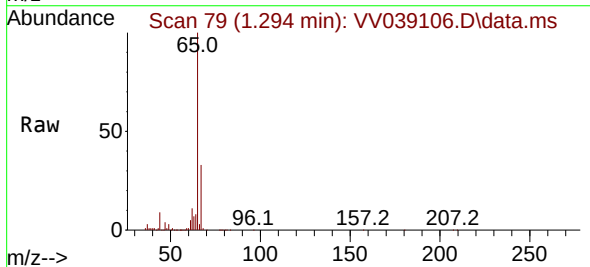
Instrument :
 MSVOA_V
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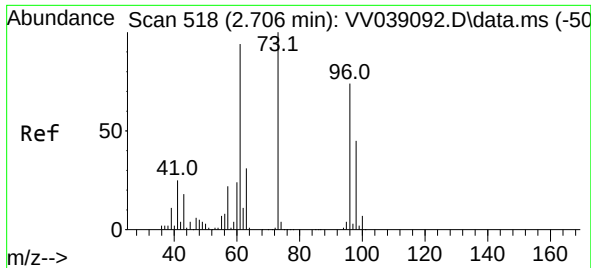
Tgt Ion: 62 Resp: 13927
 Ion Ratio Lower Upper
 62 100
 64 68.8 22.4 41.6#



#8
 Chloroethane
 Concen: 0.254 ug/L
 RT: 1.294 min Scan# 79
 Delta R.T. -0.267 min
 Lab File: VV039106.D
 Acq: 16 Sep 2025 14:54

Tgt Ion: 64 Resp: 6263
 Ion Ratio Lower Upper
 64 100
 66 33.5 22.3 41.5

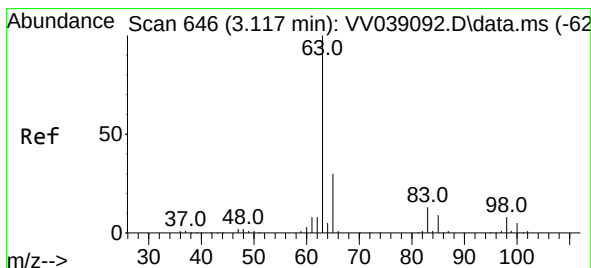
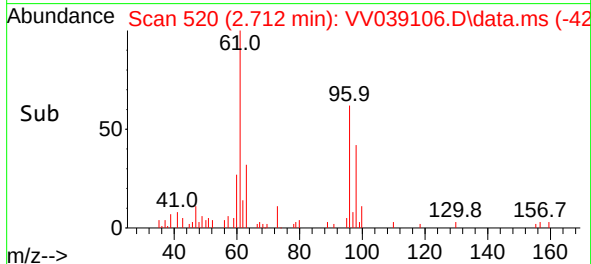
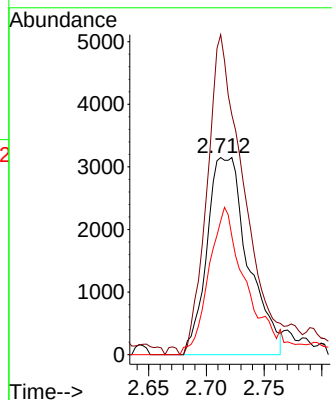
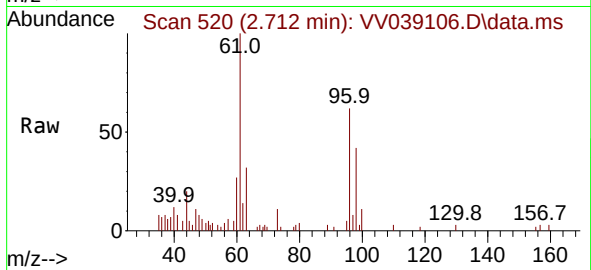




#18
trans-1,2-Dichloroethene
Concen: 0.259 ug/L
RT: 2.712 min Scan# 518
Delta R.T. 0.007 min
Lab File: VV039106.D
Acq: 16 Sep 2025 14:54

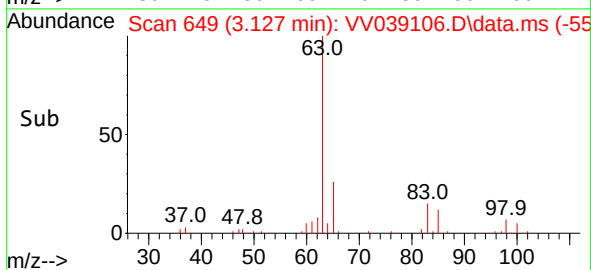
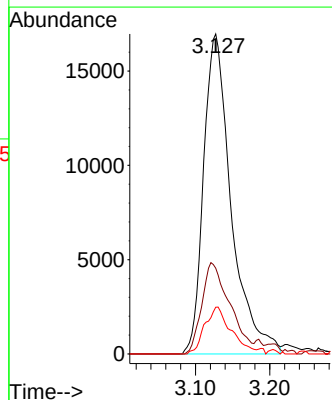
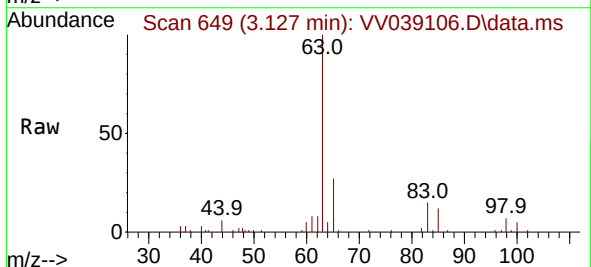
Instrument :
MSVOA_V
ClientSampleId :

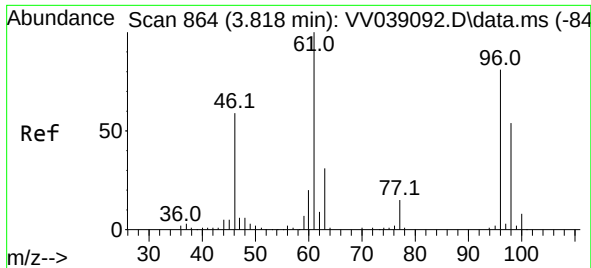
Tgt Ion: 96 Resp: 7805
Ion Ratio Lower Upper
96 100
61 162.3 89.7 166.5
98 67.9 44.9 83.3



#19
1,1-Dichloroethane
Concen: 0.794 ug/L
RT: 3.127 min Scan# 649
Delta R.T. 0.010 min
Lab File: VV039106.D
Acq: 16 Sep 2025 14:54

Tgt Ion: 63 Resp: 43913
Ion Ratio Lower Upper
63 100
65 26.8 21.5 39.9
83 14.6 9.2 17.2





#22

cis-1,2-Dichloroethene

Concen: 6.346 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.007 min

Lab File: VV039106.D

Acq: 16 Sep 2025 14:54

Instrument :

MSVOA_V

ClientSampleId :

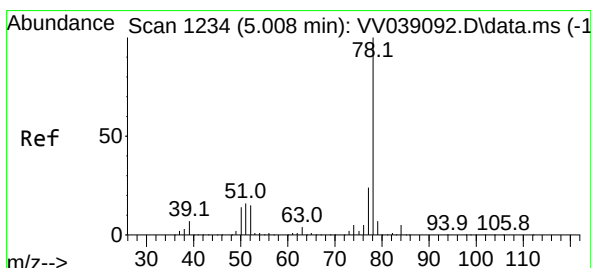
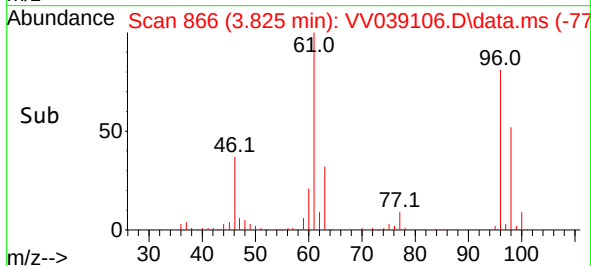
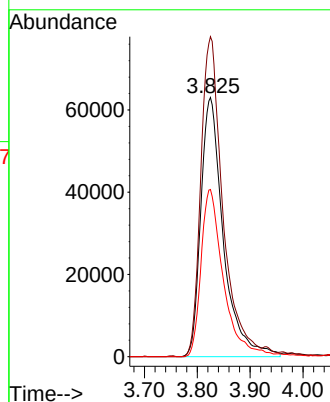
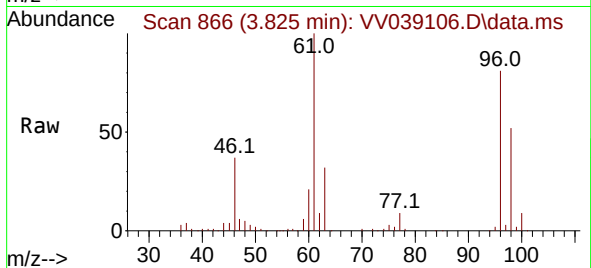
Tgt Ion: 96 Resp: 186721

Ion Ratio Lower Upper

96 100

61 123.5 85.4 158.6

98 64.5 46.6 86.6



#33

Benzene

Concen: 0.111 ug/L

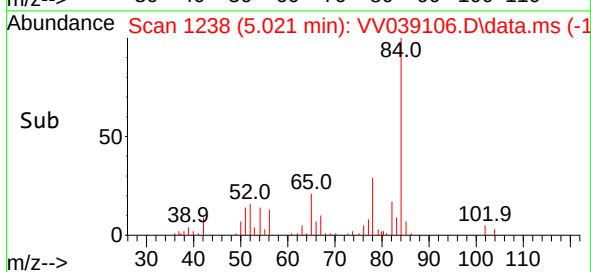
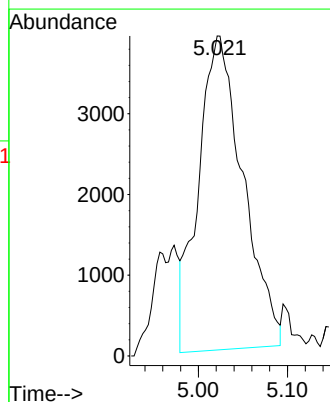
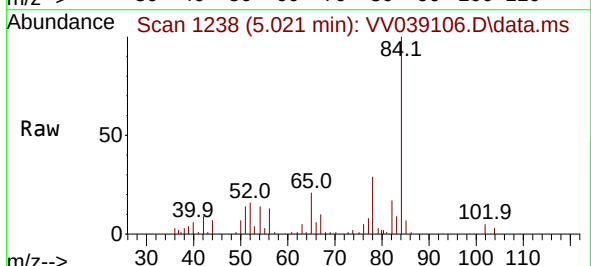
RT: 5.021 min Scan# 1238

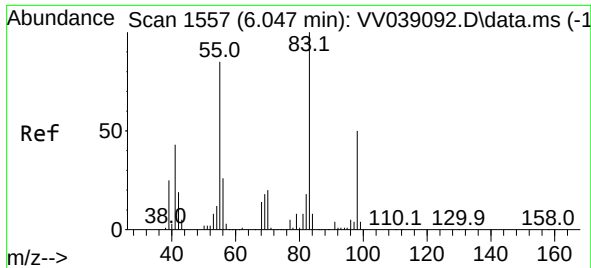
Delta R.T. 0.013 min

Lab File: VV039106.D

Acq: 16 Sep 2025 14:54

Tgt Ion: 78 Resp: 13517

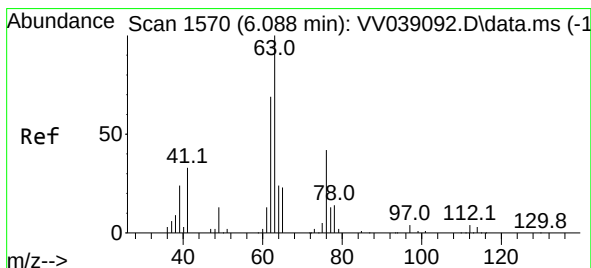
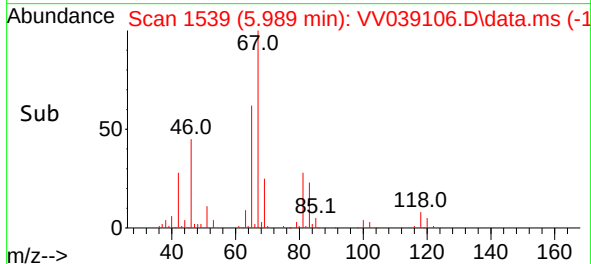
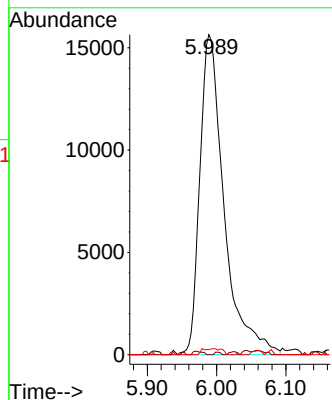
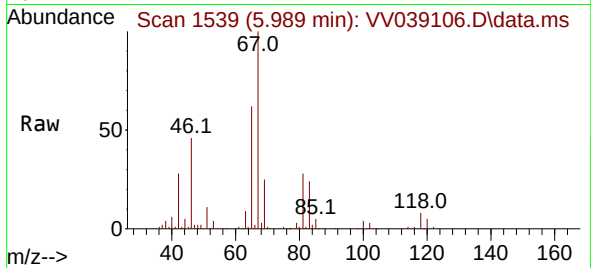




#35
Methylcyclohexane
Concen: 0.742 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV039106.D
Acq: 16 Sep 2025 14:54

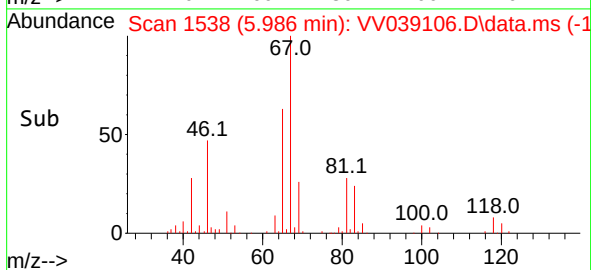
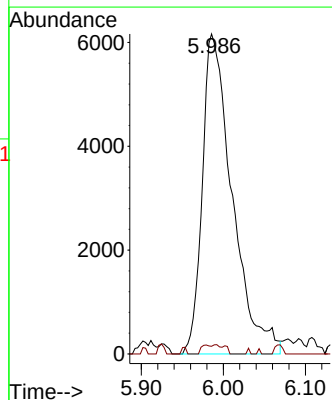
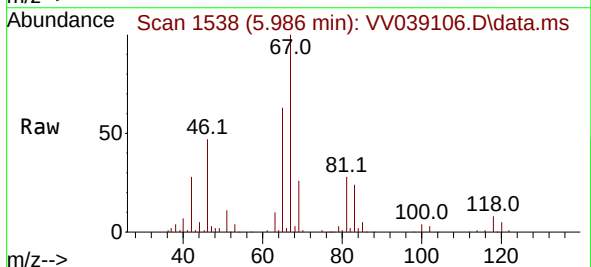
Instrument :
MSVOA_V
ClientSampleId :

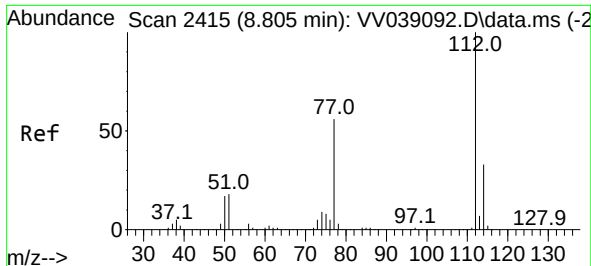
Tgt Ion: 83 Resp: 37970
Ion Ratio Lower Upper
83 100
55 0.2 61.4 92.2#
98 0.9 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.495 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.103 min
Lab File: VV039106.D
Acq: 16 Sep 2025 14:54

Tgt Ion: 63 Resp: 15569
Ion Ratio Lower Upper
63 100
112 1.1 3.6 5.4#

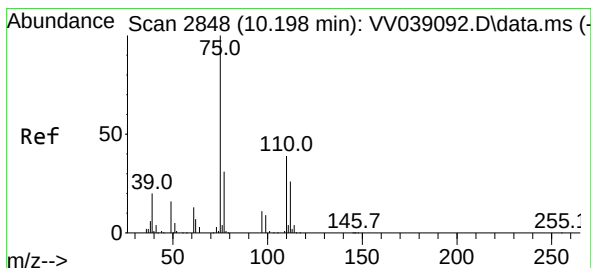
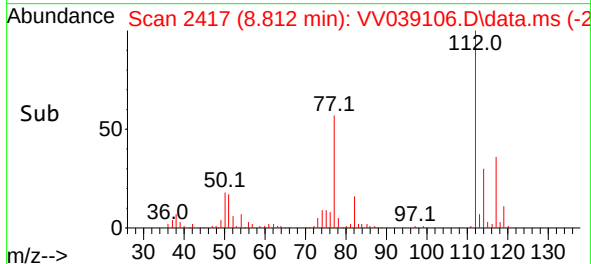
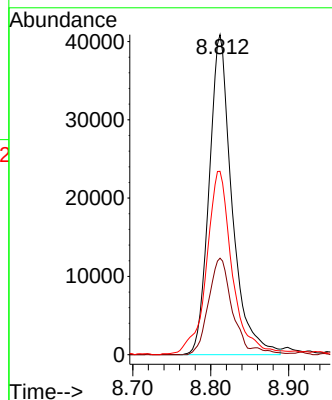
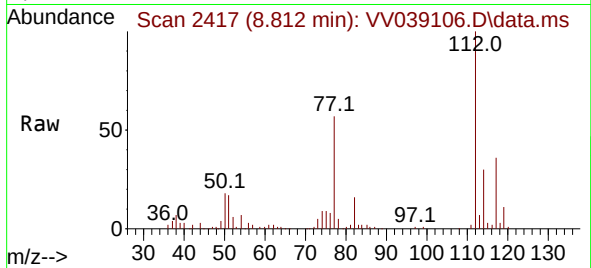




#51
Chlorobenzene
Concen: 1.021 ug/L
RT: 8.812 min Scan# 2415
Delta R.T. 0.007 min
Lab File: VV039106.D
Acq: 16 Sep 2025 14:54

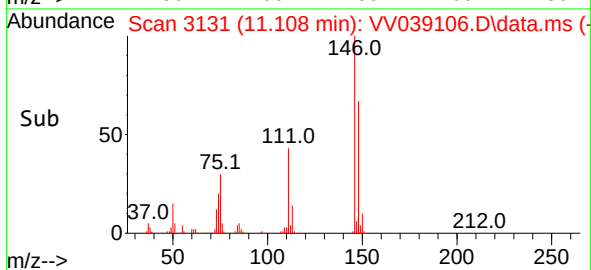
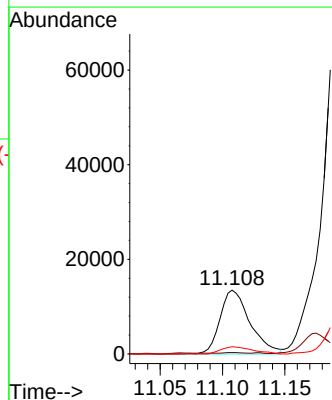
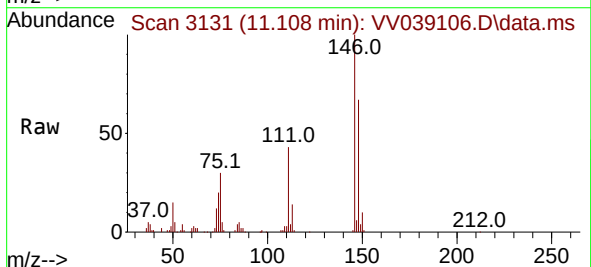
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ClientSampleId :

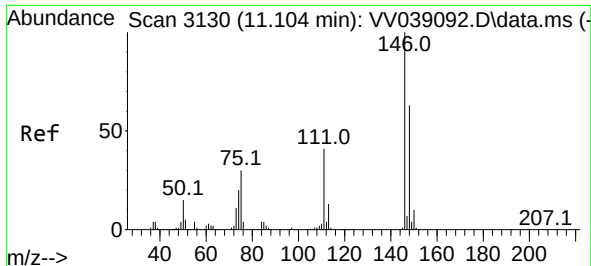
Tgt Ion:112 Resp: 83281
Ion Ratio Lower Upper
112 100
114 30.2 23.0 42.6
77 57.3 46.6 69.8



#61
1,2,3-Trichloropropane
Concen: 1.817 ug/L
RT: 11.108 min Scan# 3131
Delta R.T. 0.910 min
Lab File: VV039106.D
Acq: 16 Sep 2025 14:54

Tgt Ion: 75 Resp: 22536
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#
110 11.9 31.0 46.4#

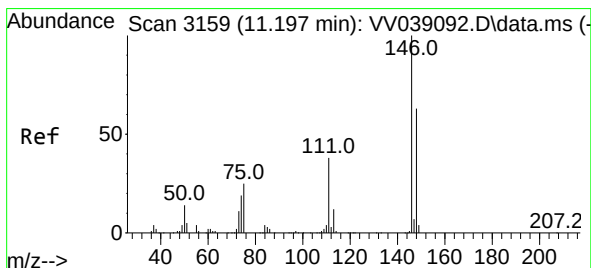
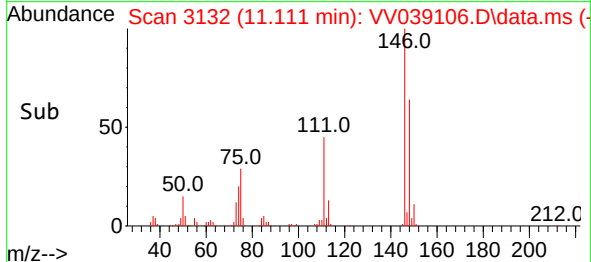
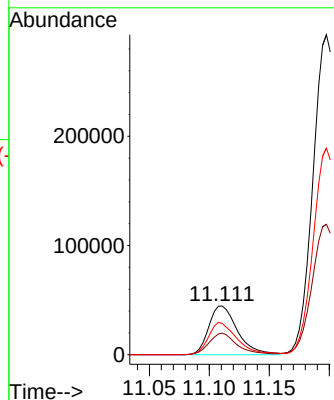
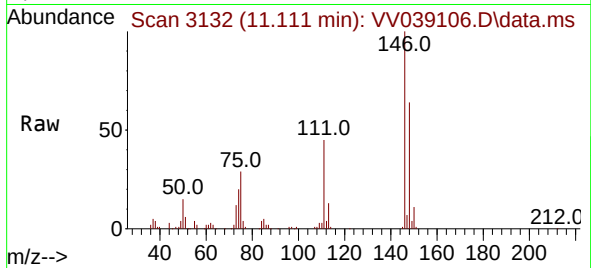




#64
1,3-Dichlorobenzene
Concen: 1.547 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.007 min
Lab File: VV039106.D
Acq: 16 Sep 2025 14:54

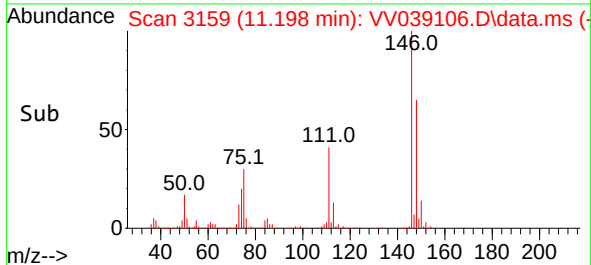
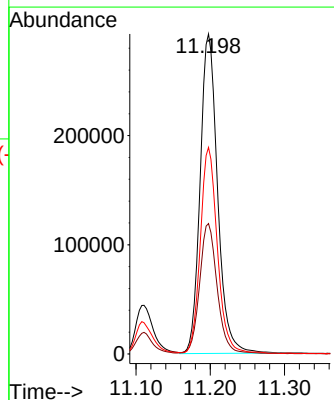
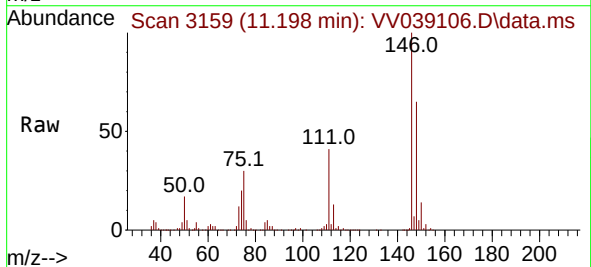
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MSVOA_V
ClientSampleId :

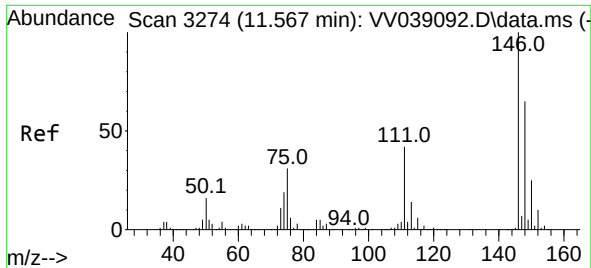
Tgt Ion:146 Resp: 74329
Ion Ratio Lower Upper
146 100
111 44.5 28.3 52.7
148 64.0 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 9.603 ug/L
RT: 11.198 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV039106.D
Acq: 16 Sep 2025 14:54

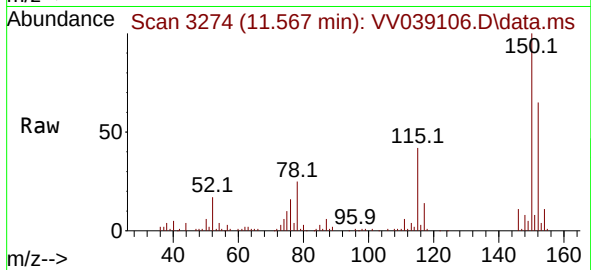
Tgt Ion:146 Resp: 477428
Ion Ratio Lower Upper
146 100
111 40.7 27.2 50.6
148 64.6 43.8 81.4





#67
 1,2-Dichlorobenzene
 Concen: 0.181 ug/L
 RT: 11.567 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV039106.D
 Acq: 16 Sep 2025 14:54

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:146 Resp: 7690
 Ion Ratio Lower Upper
 146 100
 111 57.0 33.4 50.2#
 148 70.5 51.1 76.7

