Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
Data File : VV039109.D
Acq On : 16 Sep 2025 15:59
Operator : SY/MD
Sample : Q3084-07DL 2X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 17 02:24:52 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	5.535	114	407628	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	418762	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	162389	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	110789	3.446	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	69.000%		
7) Chloroethane-d5	1.545	69	106607	3.827	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	76.600%		
11) 1,1-Dichloroethene-d2	2.073	65	54174	3.537	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	70.800%		
20) 2-Butanone-d5	3.796	46	205821	43.104	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	86.200%		
24) Chloroform-d	4.256	84	250663	4.015	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	80.200%		
26) 1,2-Dichloroethane-d4	4.947	65	108500	4.126	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	82.600%		
32) Benzene-d6	4.963	84	421661	3.680	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	73.600%		
36) 1,2-Dichloropropane-d6	5.989	67	141503	4.132	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	82.600%		
41) Toluene-d8	7.240	98	315404	3.075	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	61.400%#		
43) trans-1,3-Dichloroprop...	7.558	79	44400	3.544	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	70.800%		
46) 2-Hexanone-d5	8.014	63	149083	36.759	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	73.520%		
56) 1,1,2,2-Tetrachloroeth...	10.143	84	102315	4.184	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	83.600%		
66) 1,2-Dichlorobenzene-d4	11.551	152	119392	4.568	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	91.400%		
Target Compounds						Qvalue
5) Vinyl chloride	1.294	62	31552	0.707	ug/L #	1
16) Methylene chloride	2.462	84	9774	0.259	ug/L	97
18) trans-1,2-Dichloroethene	2.709	96	11623	0.341	ug/L	94
19) 1,1-Dichloroethane	3.121	63	425375	6.808	ug/L	100
22) cis-1,2-Dichloroethene	3.822	96	131210	3.946	ug/L	98
27) 1,2-Dichloroethane	5.056	62	52377	1.577	ug/L	98
33) Benzene	5.018	78	93077	0.706	ug/L	100
34) Trichloroethene	5.844	95	23897	0.673	ug/L	92
35) Methylcyclohexane	5.989	83	32804	0.590	ug/L #	19
37) 1,2-Dichloropropane	5.989	63	15697	0.459	ug/L #	88
47) Tetrachloroethene	7.905	164	10489	0.378	ug/L	94
51) Chlorobenzene	8.809	112	220355	2.485	ug/L	99
61) 1,2,3-Trichloropropane	11.117	75	8907	0.651	ug/L #	48
64) 1,3-Dichlorobenzene	11.114	146	28992	0.547	ug/L	95
65) 1,4-Dichlorobenzene	11.201	146	44325	0.808	ug/L	97
70) 1,2,4-trichlorobenzene	13.194	180	6690	0.256	ug/L #	85
71) Naphthalene	13.439	128	17248	0.433	ug/L #	95

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
Data File : VV039109.D
Acq On : 16 Sep 2025 15:59
Operator : SY/MD
Sample : Q3084-07DL 2X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 17 02:24:52 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)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
Data File : VV039109.D
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MSVOA_V
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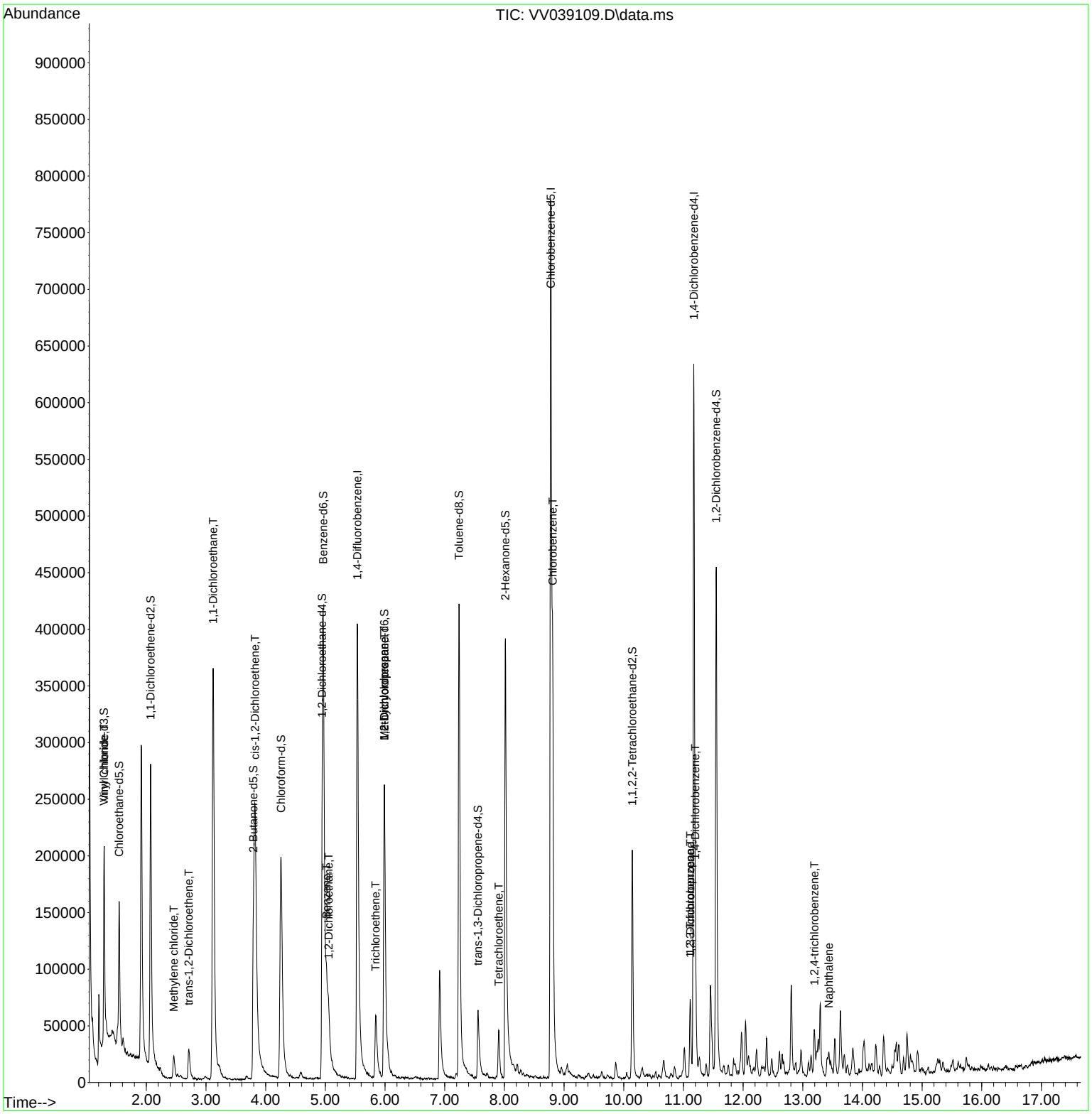
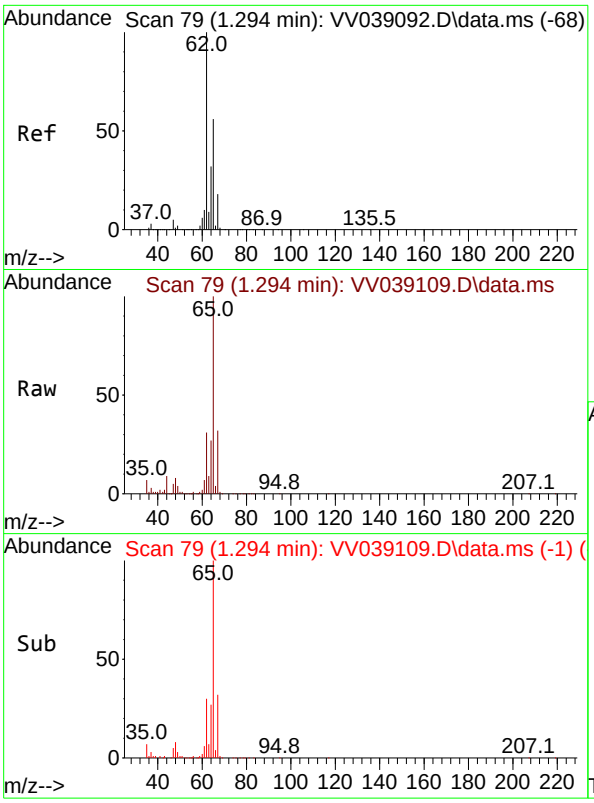
Quant Time: Sep 17 02:24:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 17 02:19:46 2025
Response via : Initial Calibration



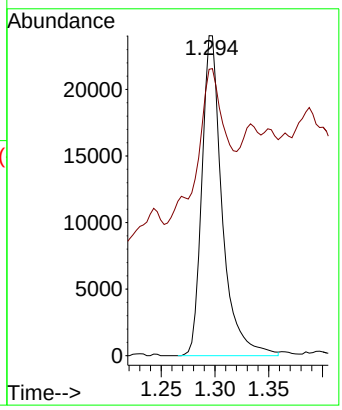


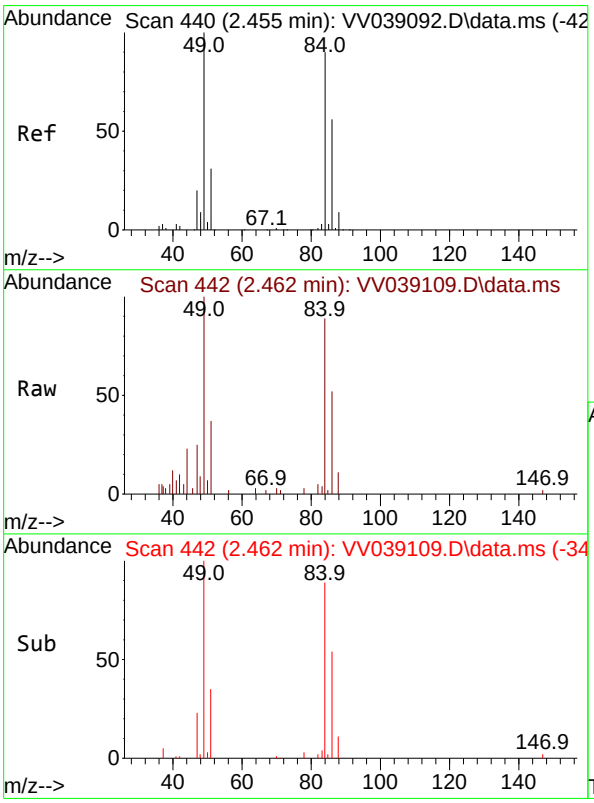
#5
Vinyl chloride
Concen: 0.707 ug/L
RT: 1.294 min Scan# 7
Delta R.T. 0.000 min
Lab File: VV039109.D
Acq: 16 Sep 2025 15:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 31552

Ion	Ratio	Lower	Upper
62	100		
64	89.5	22.4	41.6#

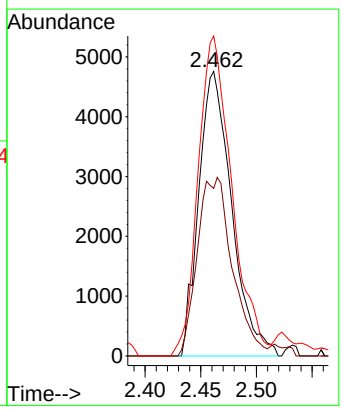


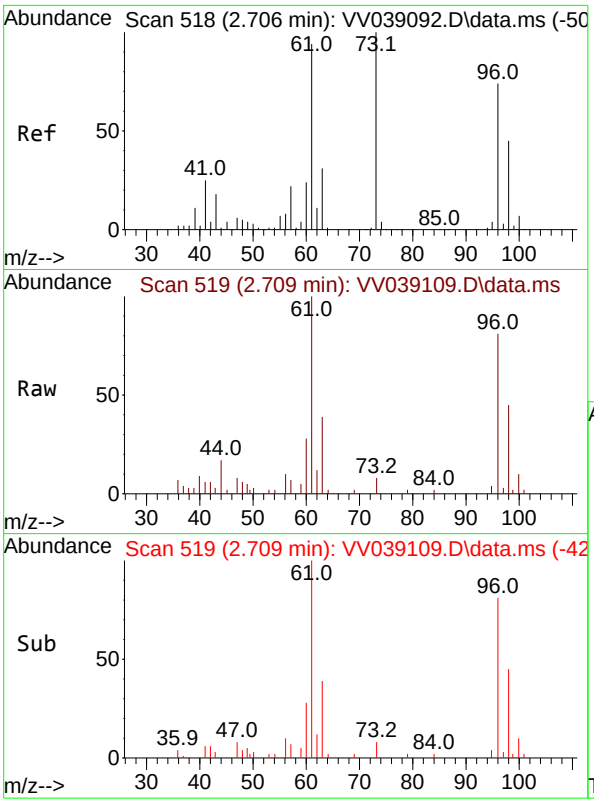


#16
Methylene chloride
Concen: 0.259 ug/L
RT: 2.462 min Scan# 442
Delta R.T. 0.007 min
Lab File: VV039109.D
Acq: 16 Sep 2025 15:59

Tgt Ion: 84 Resp: 9774

Ion	Ratio	Lower	Upper
84	100		
86	58.9	44.2	82.2
49	112.5	80.6	149.6



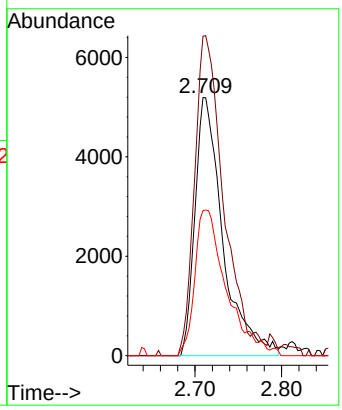


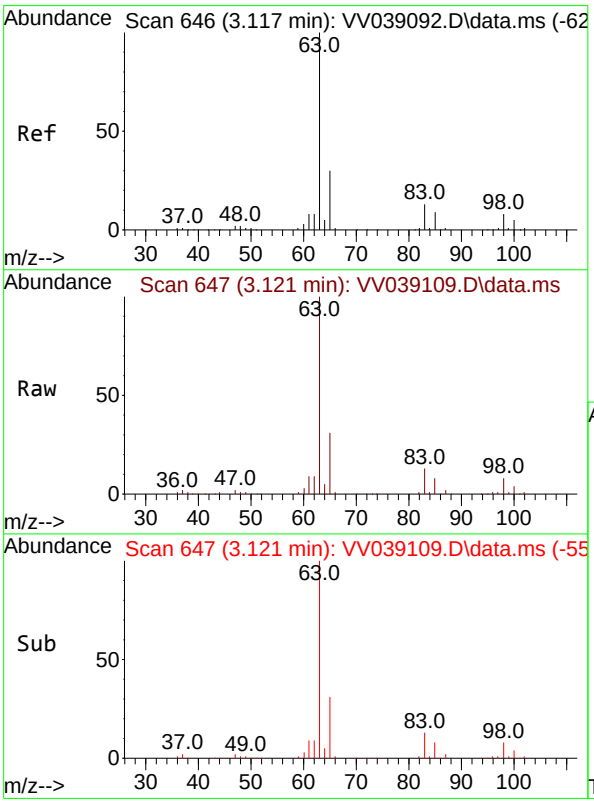
#18
trans-1,2-Dichloroethene
Concen: 0.341 ug/L
RT: 2.709 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV039109.D
Acq: 16 Sep 2025 15:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 11623

Ion	Ratio	Lower	Upper
96	100		
61	123.8	89.7	166.5
98	56.3	44.9	83.3

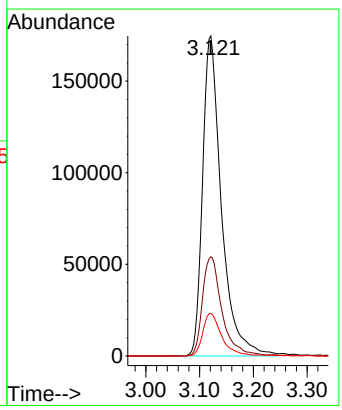


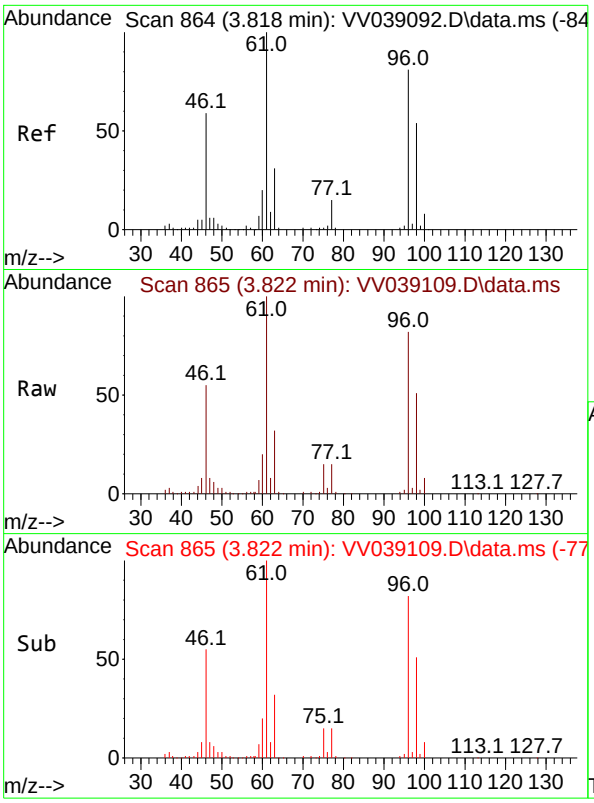


#19
1,1-Dichloroethane
Concen: 6.808 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.003 min
Lab File: VV039109.D
Acq: 16 Sep 2025 15:59

Tgt Ion: 63 Resp: 425375

Ion	Ratio	Lower	Upper
63	100		
65	31.0	21.5	39.9
83	13.3	9.2	17.2



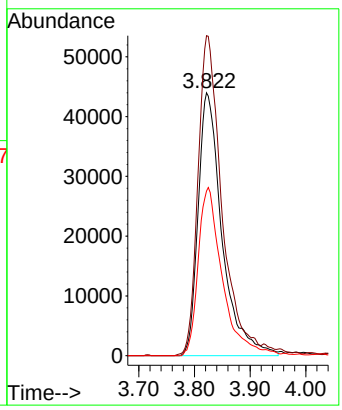


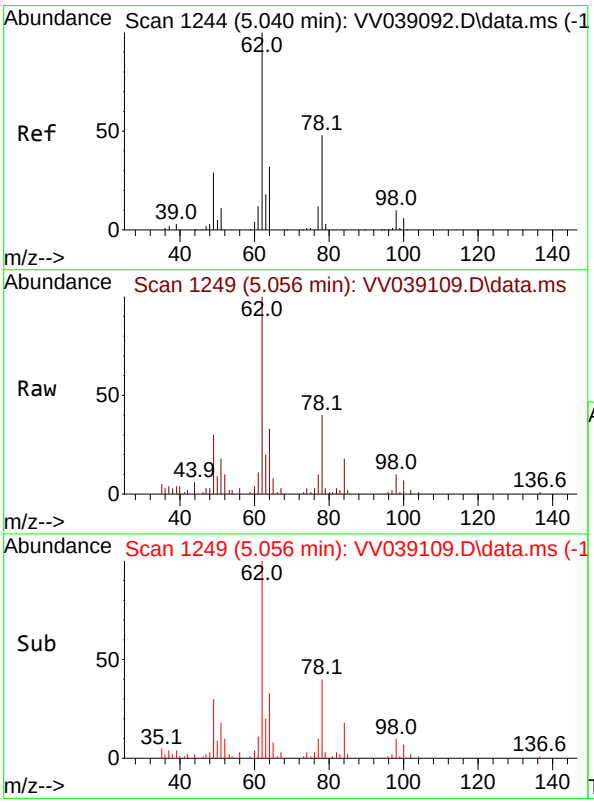
#22
cis-1,2-Dichloroethene
Concen: 3.946 ug/L
RT: 3.822 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV039109.D
Acq: 16 Sep 2025 15:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 131210

Ion	Ratio	Lower	Upper
96	100		
61	121.8	85.4	158.6
98	62.6	46.6	86.6

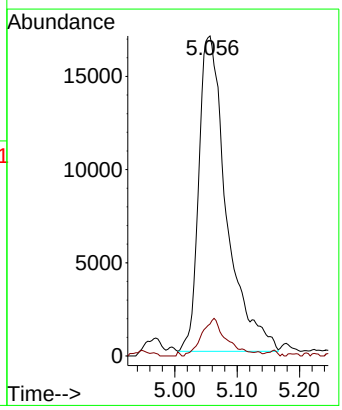


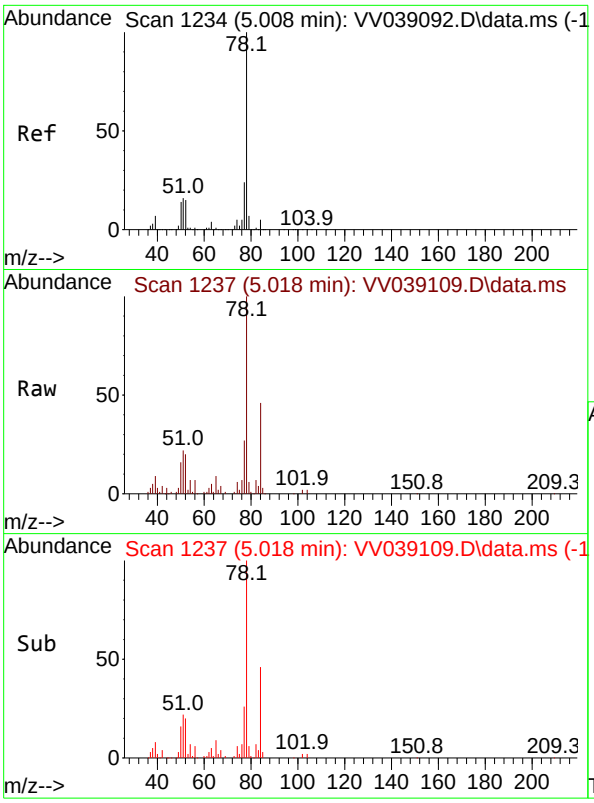


#27
1,2-Dichloroethane
Concen: 1.577 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. 0.016 min
Lab File: VV039109.D
Acq: 16 Sep 2025 15:59

Tgt Ion: 62 Resp: 52377

Ion	Ratio	Lower	Upper
62	100		
98	10.0	8.6	12.8

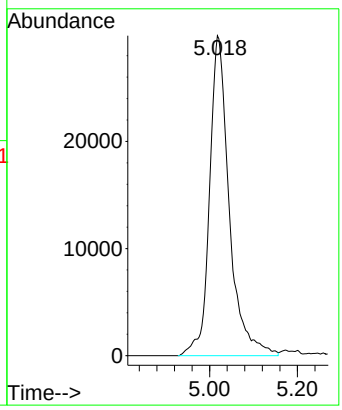


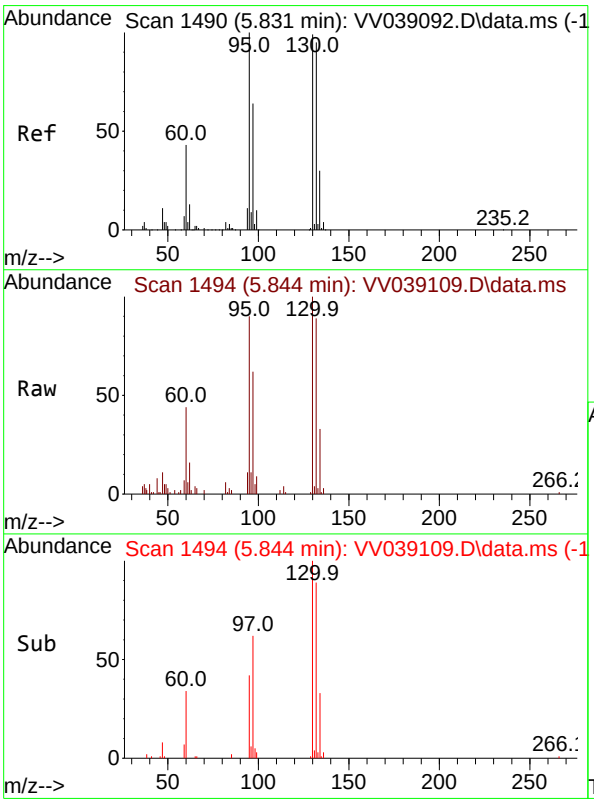


#33
Benzene
Concen: 0.706 ug/L
RT: 5.018 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV039109.D
Acq: 16 Sep 2025 15:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 93077

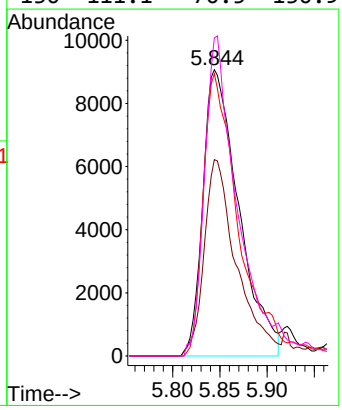


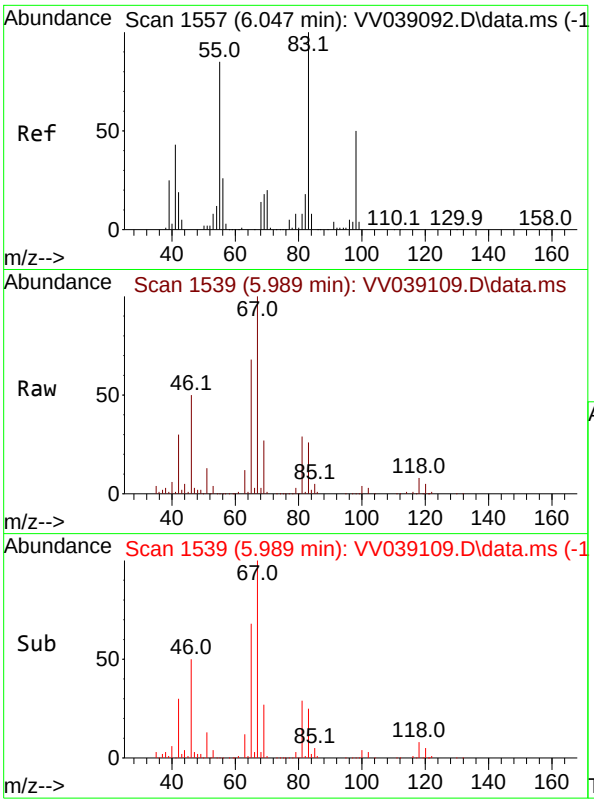


#34
Trichloroethene
Concen: 0.673 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.013 min
Lab File: VV039109.D
Acq: 16 Sep 2025 15:59

Tgt Ion: 95 Resp: 23897

Ion	Ratio	Lower	Upper
95	100		
97	68.6	43.3	80.5
132	98.6	65.5	121.7
130	111.1	70.5	130.9



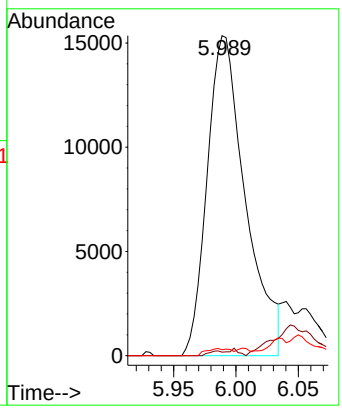


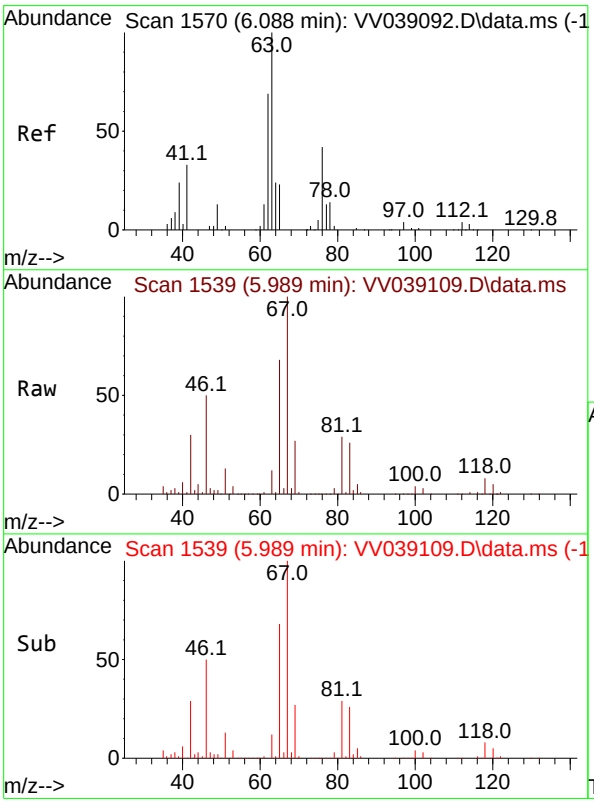
#35
Methylcyclohexane
Concen: 0.590 ug/L
RT: 5.989 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV039109.D
Acq: 16 Sep 2025 15:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 32804

Ion	Ratio	Lower	Upper
83	100		
55	0.5	61.4	92.2#
98	1.4	38.2	57.4#

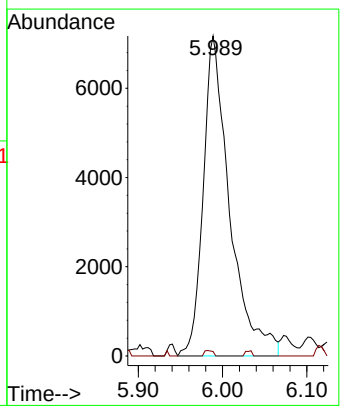


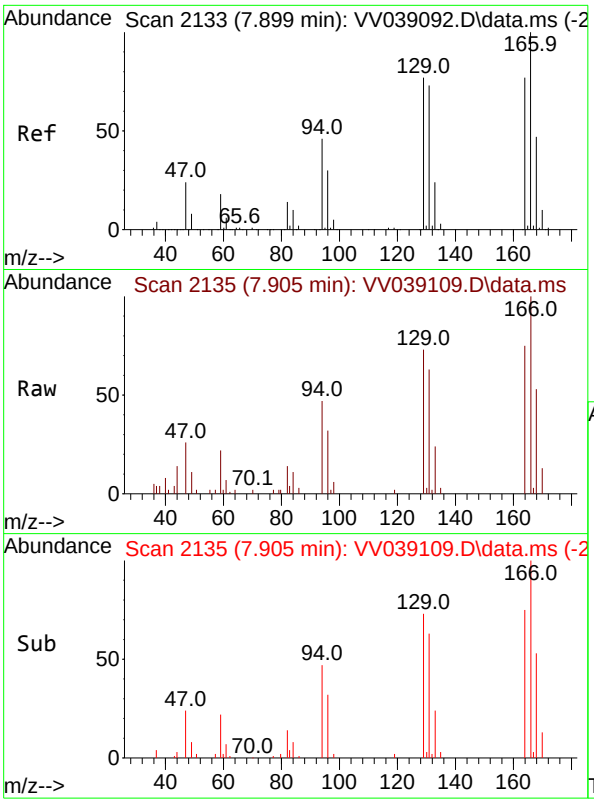


#37
1,2-Dichloropropane
Concen: 0.459 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.100 min
Lab File: VV039109.D
Acq: 16 Sep 2025 15:59

Tgt Ion: 63 Resp: 15697

Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.6	5.4#



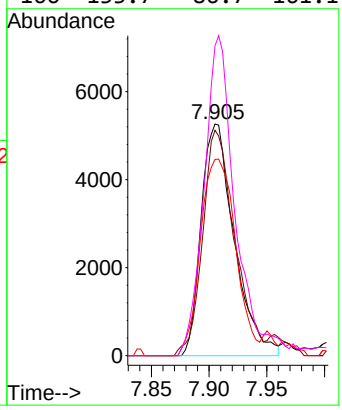


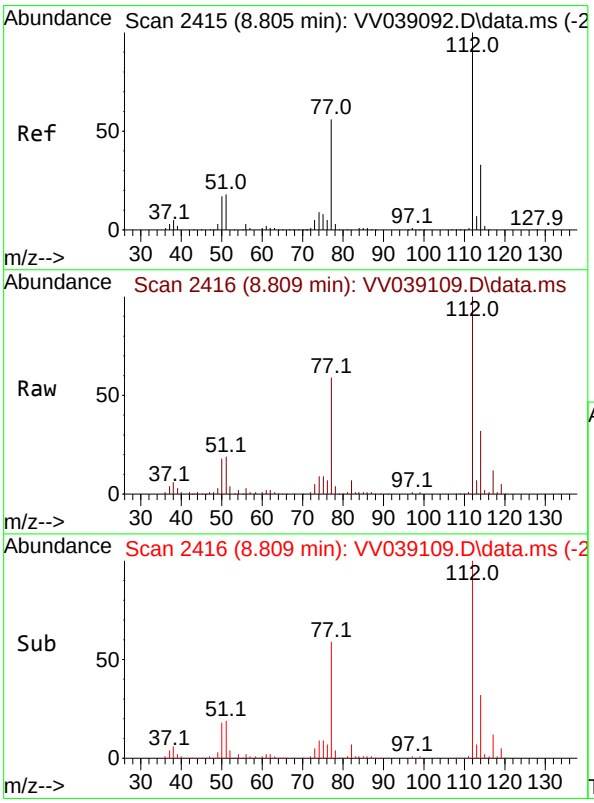
#47
Tetrachloroethene
Concen: 0.378 ug/L
RT: 7.905 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV039109.D
Acq: 16 Sep 2025 15:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 10489

Ion	Ratio	Lower	Upper
164	100		
129	97.3	68.0	126.4
131	84.7	65.4	121.4
166	133.7	86.7	161.1

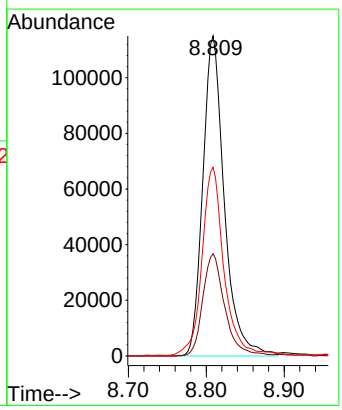


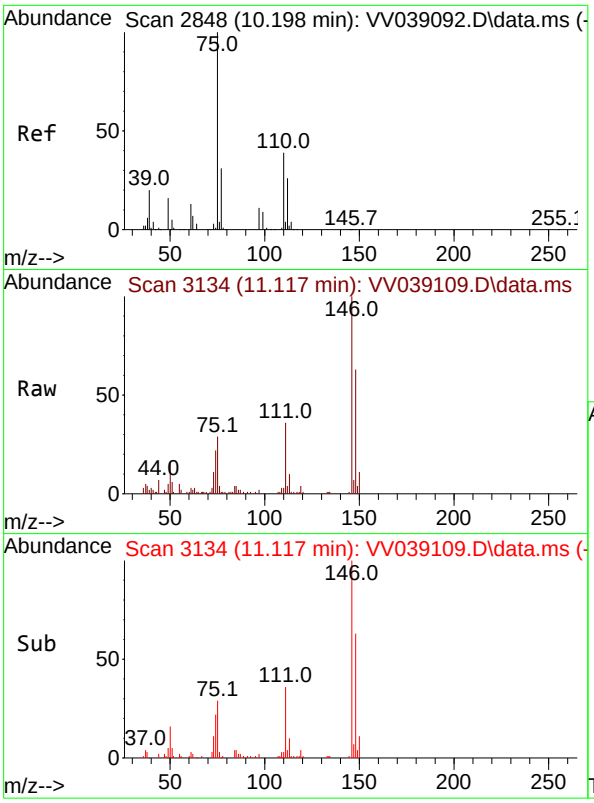


#51
Chlorobenzene
Concen: 2.485 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV039109.D
Acq: 16 Sep 2025 15:59

Tgt Ion:112 Resp: 220355

Ion	Ratio	Lower	Upper
112	100		
114	31.9	23.0	42.6
77	59.0	46.6	69.8



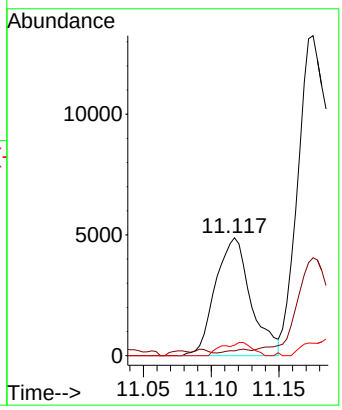


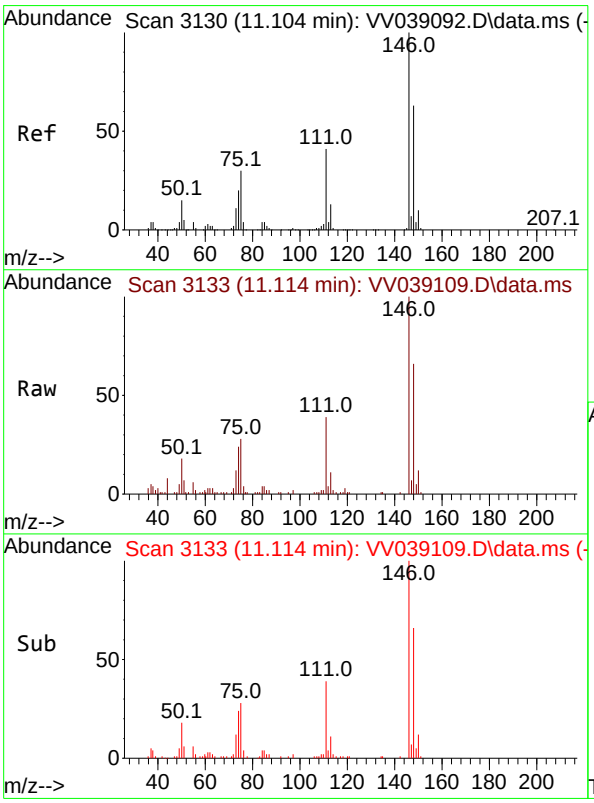
#61
1,2,3-Trichloropropane
Concen: 0.651 ug/L
RT: 11.117 min Scan# 3
Delta R.T. 0.920 min
Lab File: VV039109.D
Acq: 16 Sep 2025 15:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 8907

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#
110	9.3	31.0	46.4#

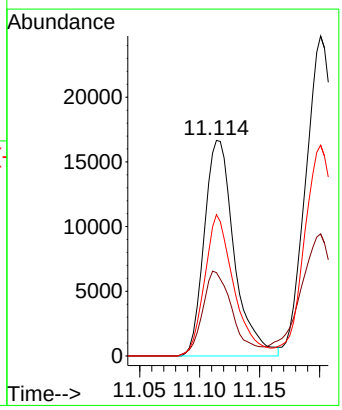


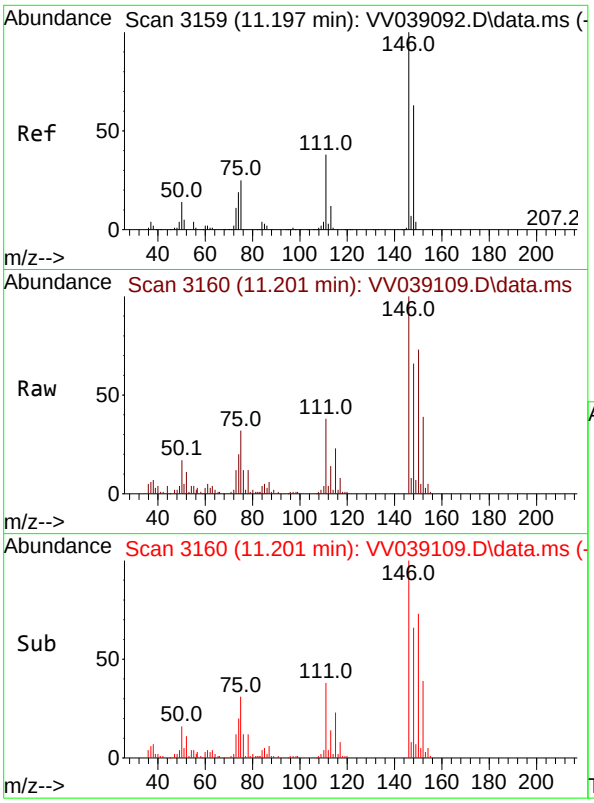


#64
1,3-Dichlorobenzene
Concen: 0.547 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.010 min
Lab File: VV039109.D
Acq: 16 Sep 2025 15:59

Tgt Ion:146 Resp: 28992

Ion	Ratio	Lower	Upper
146	100		
111	38.6	28.3	52.7
148	65.5	42.9	79.7



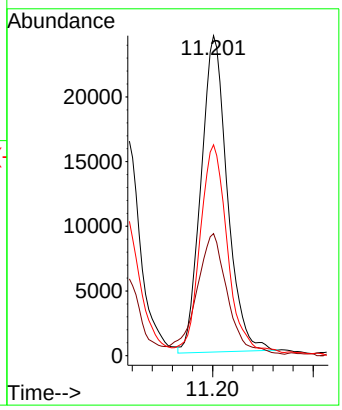


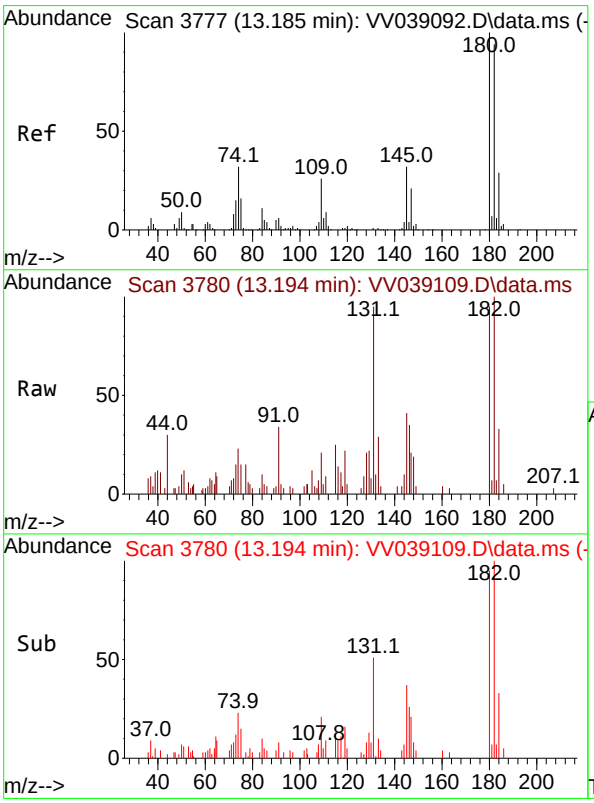
#65
1,4-Dichlorobenzene
Concen: 0.808 ug/L
RT: 11.201 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039109.D
Acq: 16 Sep 2025 15:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 44325

Ion	Ratio	Lower	Upper
146	100		
111	38.2	27.2	50.6
148	65.9	43.8	81.4

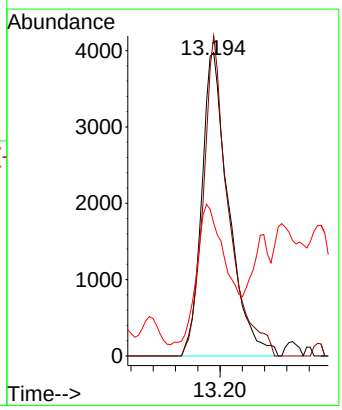


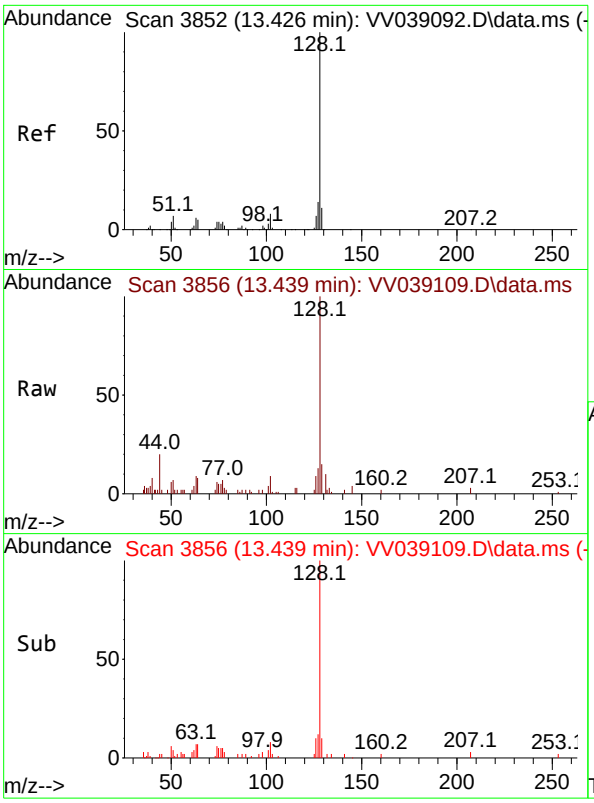


#70
1,2,4-trichlorobenzene
Concen: 0.256 ug/L
RT: 13.194 min Scan# 3780
Delta R.T. 0.010 min
Lab File: VV039109.D
Acq: 16 Sep 2025 15:59

Tgt Ion:180 Resp: 6690

Ion	Ratio	Lower	Upper
180	100		
182	98.5	73.2	109.8
145	51.7	25.0	37.4#





#71
Naphthalene
Concen: 0.433 ug/L
RT: 13.439 min Scan# 3
Delta R.T. 0.013 min
Lab File: VV039109.D
Acq: 16 Sep 2025 15:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 17248

Ion	Ratio	Lower	Upper
128	100		
129	13.1	8.6	12.8#
127	15.3	10.8	16.2