Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
Data File : VV039110.D
Acq On : 16 Sep 2025 16:20
Operator : SY/MD
Sample : Q3084-08DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 17 02:25:11 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	410654	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	418773	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	169043	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	117874	3.640	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.800%			
7) Chloroethane-d5	1.545	69	110071	3.922	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.400%			
11) 1,1-Dichloroethene-d2	2.072	65	52714	3.416	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.400%			
20) 2-Butanone-d5	3.796	46	198153	41.192	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.380%			
24) Chloroform-d	4.256	84	264151	4.199	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.000%			
26) 1,2-Dichloroethane-d4	4.947	65	113436	4.282	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.600%			
32) Benzene-d6	4.963	84	452852	3.952	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.000%			
36) 1,2-Dichloropropane-d6	5.989	67	151075	4.411	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.200%			
41) Toluene-d8	7.239	98	341718	3.331	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 66.600%#			
43) trans-1,3-Dichloroprop...	7.558	79	42755	3.413	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 68.200%			
46) 2-Hexanone-d5	8.018	63	160230	39.506	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.020%			
56) 1,1,2,2-Tetrachloroeth...	10.143	84	108453	4.435	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.800%			
66) 1,2-Dichlorobenzene-d4	11.551	152	125964	4.629	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.294	62	10830	0.241	ug/L #	42
8) Chloroethane	1.294	64	5059	0.181	ug/L	83
16) Methylene chloride	2.461	84	10767	0.284	ug/L	97
18) trans-1,2-Dichloroethene	2.709	96	12427	0.362	ug/L	91
19) 1,1-Dichloroethane	3.124	63	39176	0.622	ug/L	97
22) cis-1,2-Dichloroethene	3.825	96	100290	2.994	ug/L	94
33) Benzene	5.021	78	11733	0.089	ug/L	100
35) Methylcyclohexane	5.989	83	36142	0.650	ug/L #	19
51) Chlorobenzene	8.808	112	123332	1.391	ug/L	96
61) 1,2,3-Trichloropropane	11.107	75	37796	2.654	ug/L #	50
64) 1,3-Dichlorobenzene	11.107	146	127947	2.319	ug/L	98
65) 1,4-Dichlorobenzene	11.197	146	723490	12.676	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	10338	0.211	ug/L	92

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

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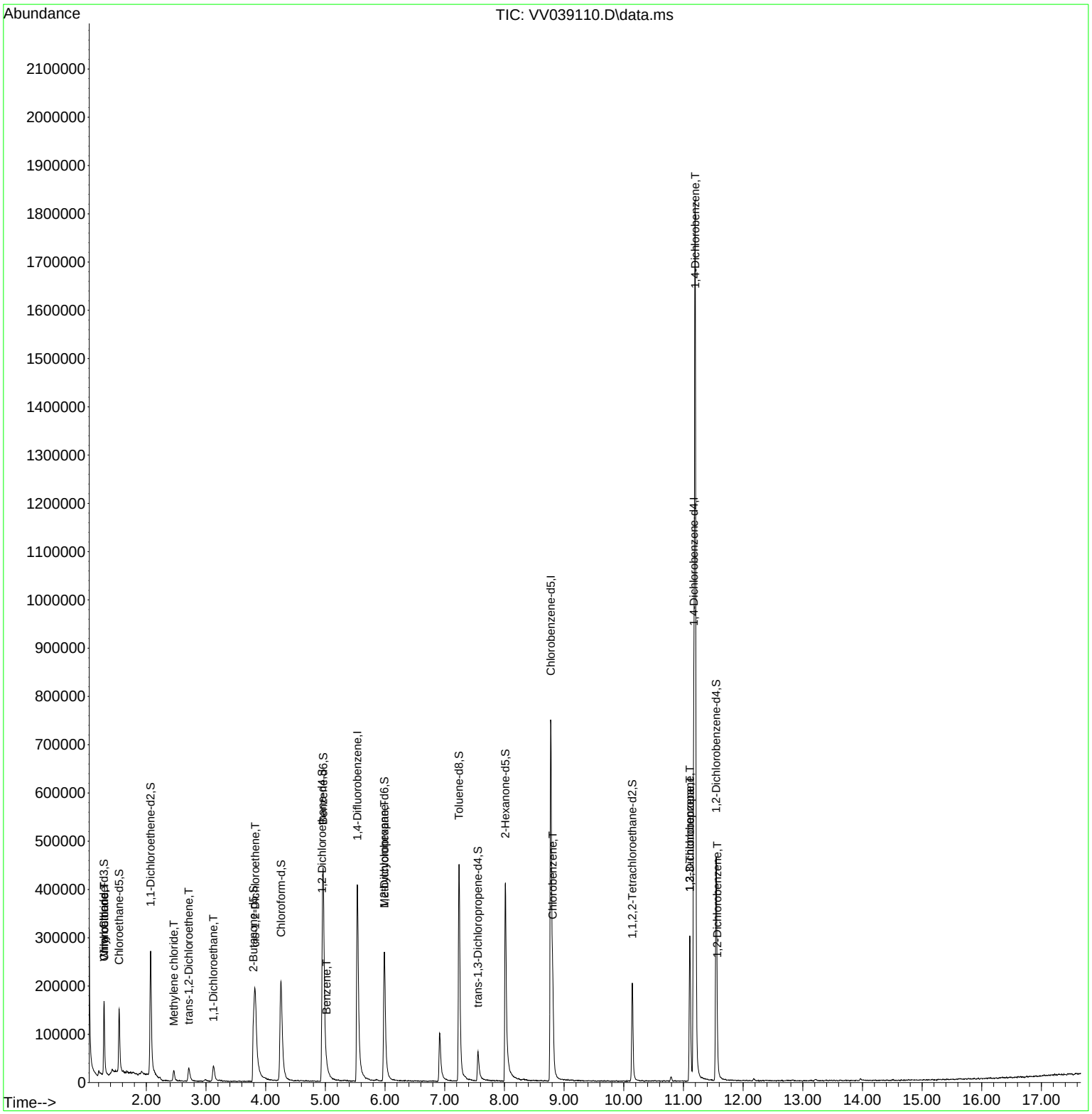
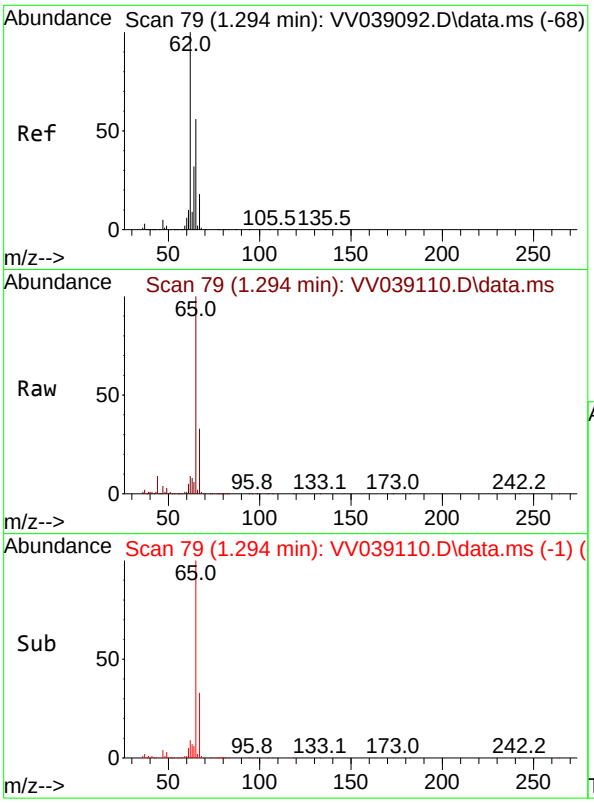
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 17 02:19:46 2025
Response via : Initial Calibration



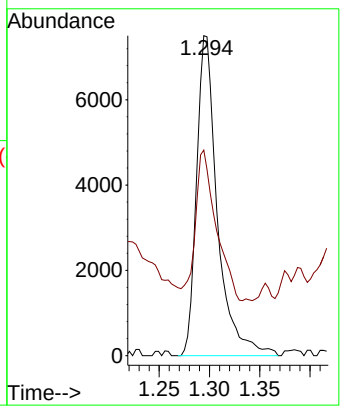


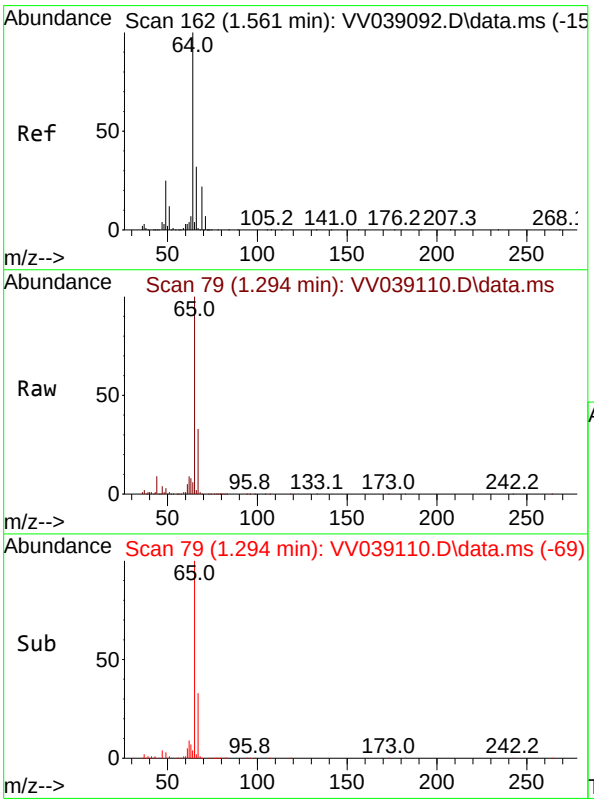
#5
Vinyl chloride
Concen: 0.241 ug/L
RT: 1.294 min Scan# 7
Delta R.T. -0.000 min
Lab File: VV039110.D
Acq: 16 Sep 2025 16:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 10830

Ion	Ratio	Lower	Upper
62	100		
64	64.3	22.4	41.6#

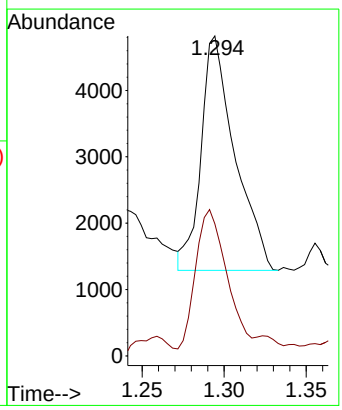


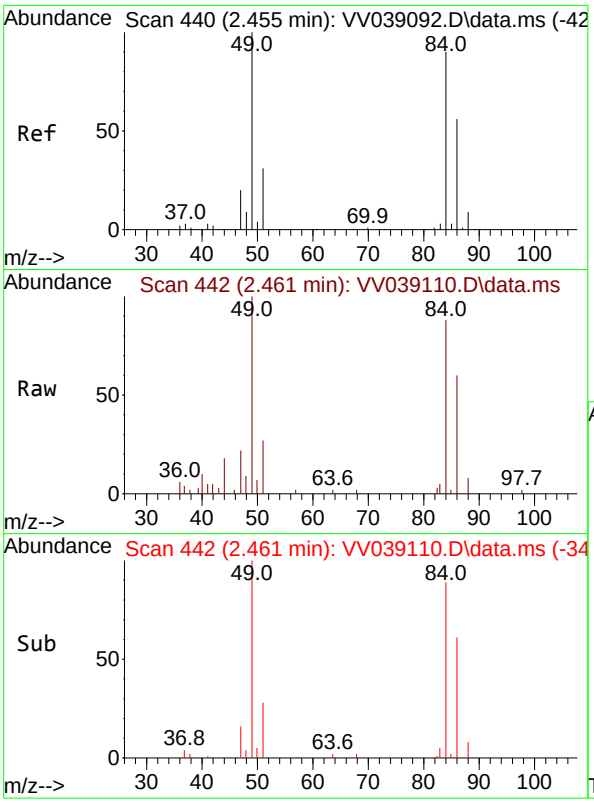


#8
Chloroethane
Concen: 0.181 ug/L
RT: 1.294 min Scan# 79
Delta R.T. -0.267 min
Lab File: VV039110.D
Acq: 16 Sep 2025 16:20

Tgt Ion: 64 Resp: 5059

Ion	Ratio	Lower	Upper
64	100		
66	41.3	22.3	41.5



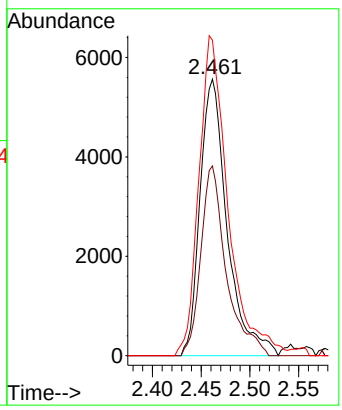


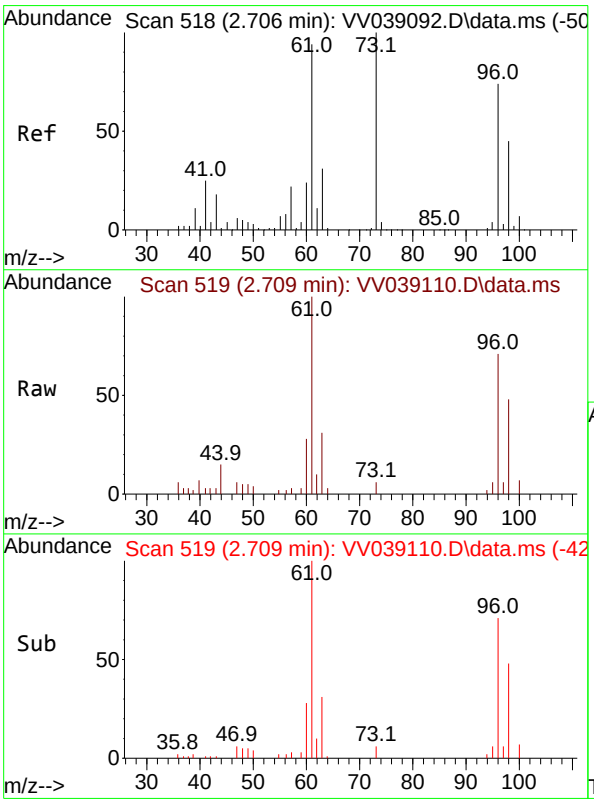
#16
Methylene chloride
Concen: 0.284 ug/L
RT: 2.461 min Scan# 44
Delta R.T. 0.006 min
Lab File: VV039110.D
Acq: 16 Sep 2025 16:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 10767

Ion	Ratio	Lower	Upper
84	100		
86	68.7	44.2	82.2
49	114.1	80.6	149.6

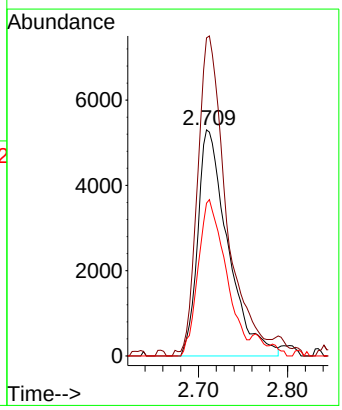


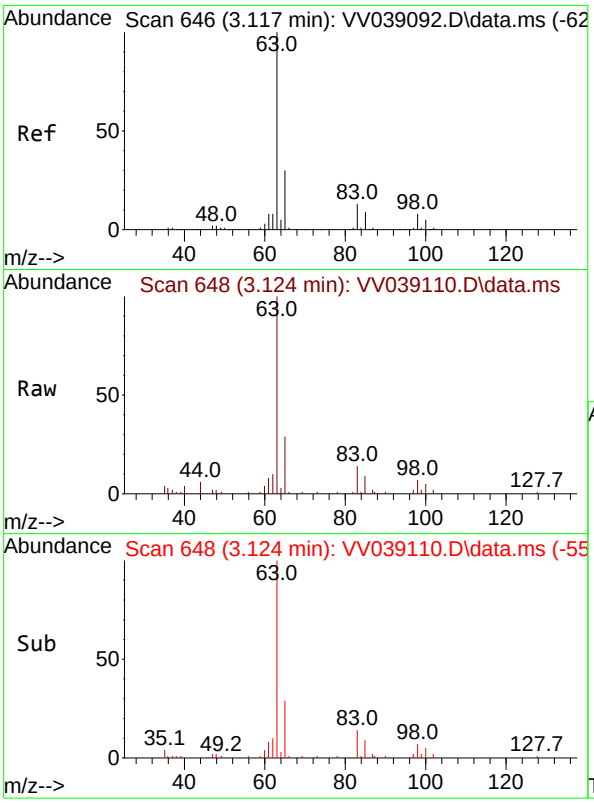


#18
trans-1,2-Dichloroethene
Concen: 0.362 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV039110.D
Acq: 16 Sep 2025 16:20

Tgt Ion: 96 Resp: 12427

Ion	Ratio	Lower	Upper
96	100		
61	140.7	89.7	166.5
98	67.6	44.9	83.3



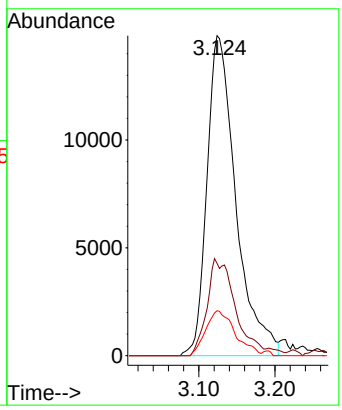


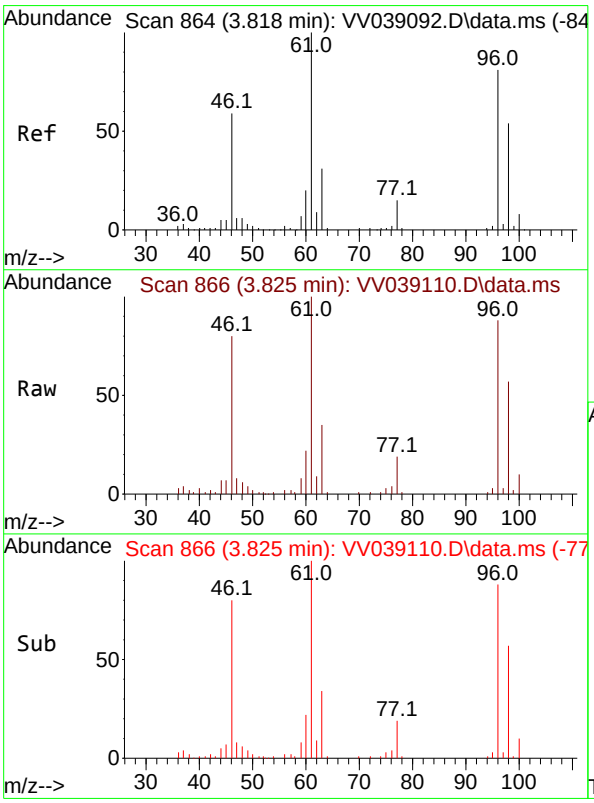
#19
1,1-Dichloroethane
Concen: 0.622 ug/L
RT: 3.124 min Scan# 64
Delta R.T. 0.006 min
Lab File: VV039110.D
Acq: 16 Sep 2025 16:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 39176

Ion	Ratio	Lower	Upper
63	100		
65	28.8	21.5	39.9
83	14.0	9.2	17.2

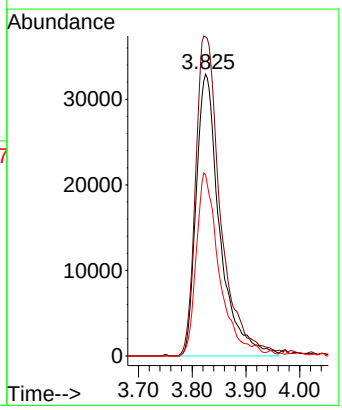


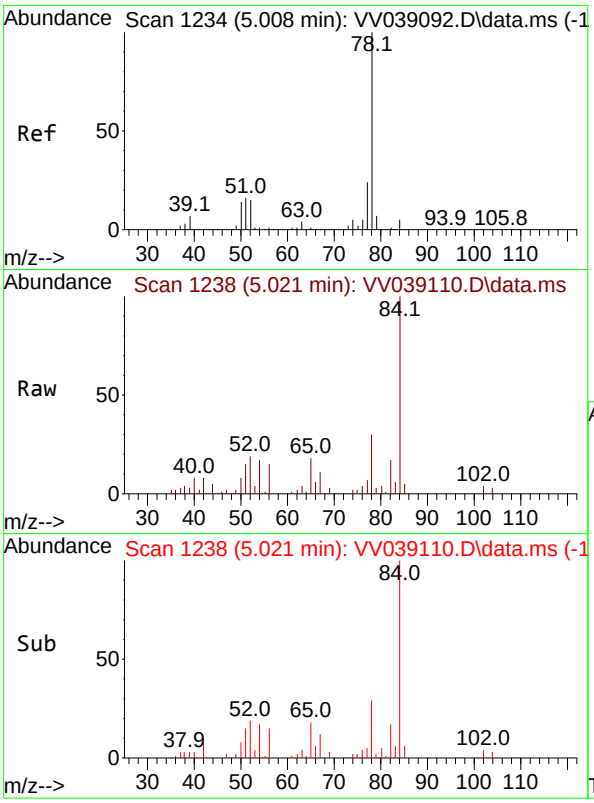


#22
cis-1,2-Dichloroethene
Concen: 2.994 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.006 min
Lab File: VV039110.D
Acq: 16 Sep 2025 16:20

Tgt Ion: 96 Resp: 100290

Ion	Ratio	Lower	Upper
96	100		
61	113.2	85.4	158.6
98	64.3	46.6	86.6

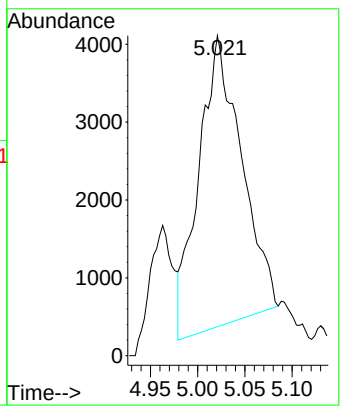


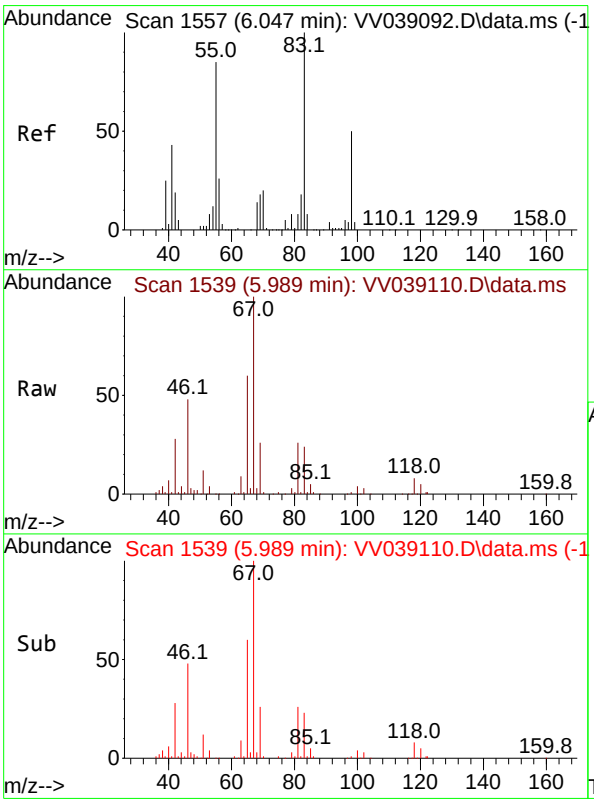


#33
Benzene
Concen: 0.089 ug/L
RT: 5.021 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV039110.D
Acq: 16 Sep 2025 16:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 11733

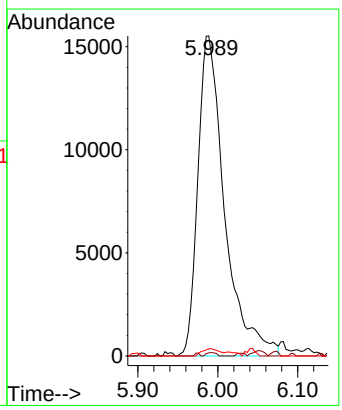


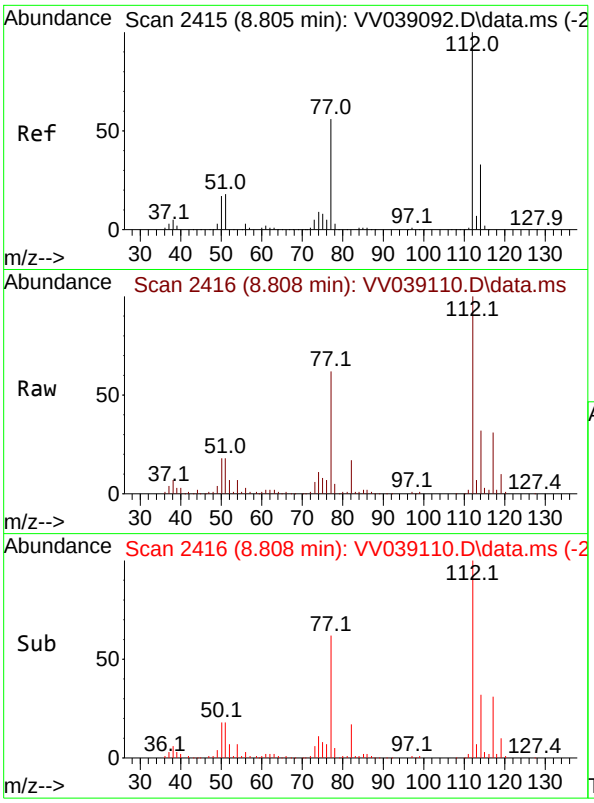


#35
Methylcyclohexane
Concen: 0.650 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV039110.D
Acq: 16 Sep 2025 16:20

Tgt Ion: 83 Resp: 36142

Ion	Ratio	Lower	Upper
83	100		
55	0.4	61.4	92.2#
98	1.5	38.2	57.4#



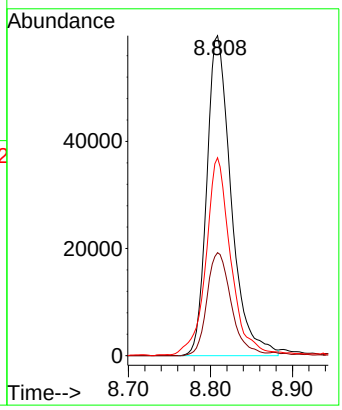


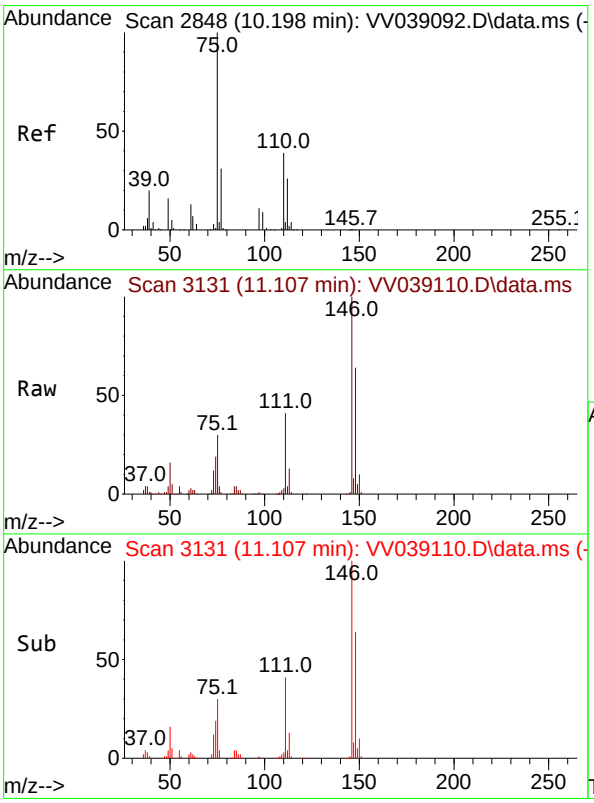
#51
Chlorobenzene
Concen: 1.391 ug/L
RT: 8.808 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039110.D
Acq: 16 Sep 2025 16:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:112 Resp: 123332

Ion	Ratio	Lower	Upper
112	100		
114	32.2	23.0	42.6
77	61.8	46.6	69.8

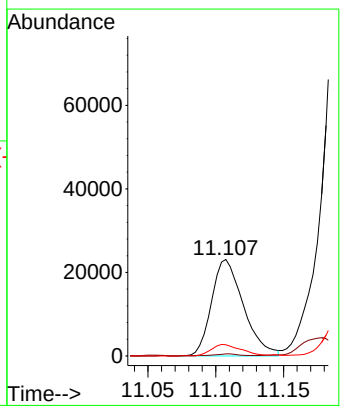


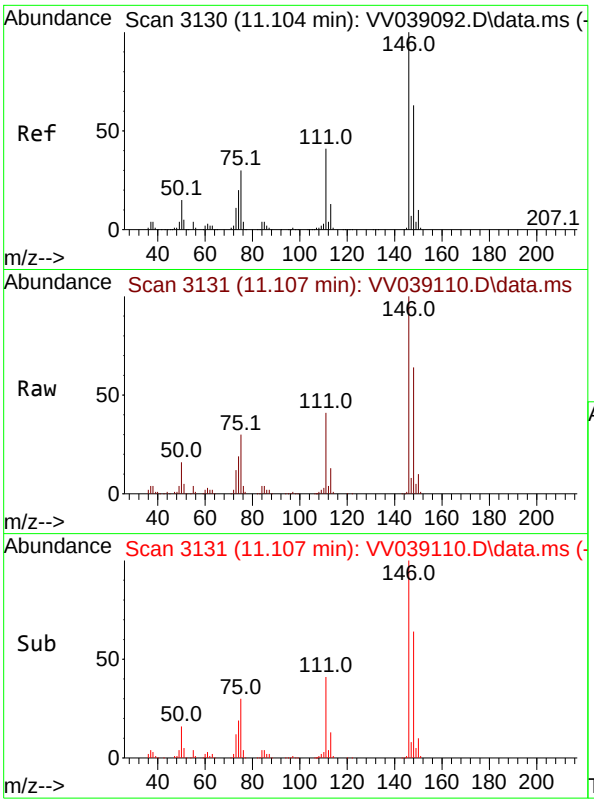


#61
1,2,3-Trichloropropane
Concen: 2.654 ug/L
RT: 11.107 min Scan# 3131
Delta R.T. 0.910 min
Lab File: VV039110.D
Acq: 16 Sep 2025 16:20

Tgt Ion: 75 Resp: 37796

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#
110	11.3	31.0	46.4#



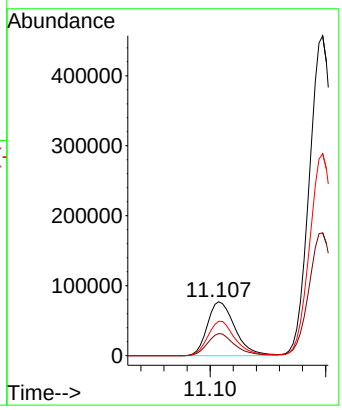


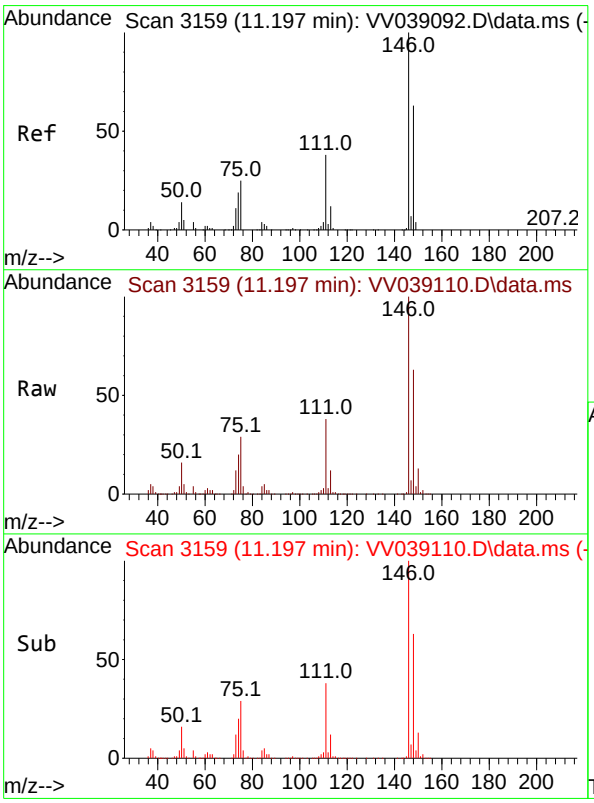
#64
1,3-Dichlorobenzene
Concen: 2.319 ug/L
RT: 11.107 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039110.D
Acq: 16 Sep 2025 16:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 127947

Ion	Ratio	Lower	Upper
146	100		
111	41.1	28.3	52.7
148	63.9	42.9	79.7

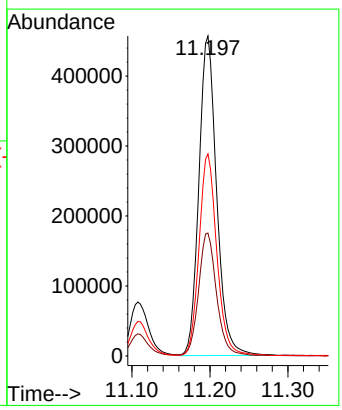


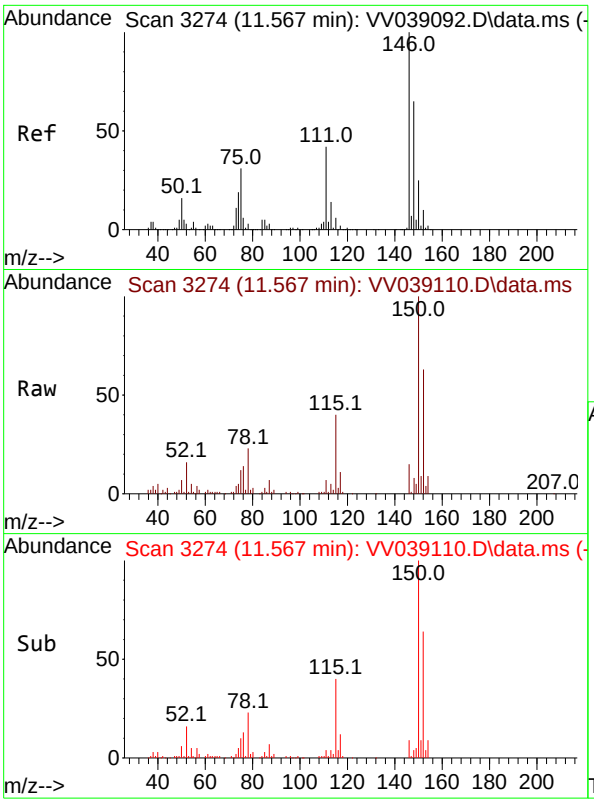


#65
1,4-Dichlorobenzene
Concen: 12.676 ug/L
RT: 11.197 min Scan# 3159
Delta R.T. -0.000 min
Lab File: VV039110.D
Acq: 16 Sep 2025 16:20

Tgt Ion:146 Resp: 723490

Ion	Ratio	Lower	Upper
146	100		
111	38.4	27.2	50.6
148	63.1	43.8	81.4





#67
1,2-Dichlorobenzene
Concen: 0.211 ug/L
RT: 11.567 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV039110.D
Acq: 16 Sep 2025 16:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 10338

Ion	Ratio	Lower	Upper
146	100		
111	46.0	33.4	50.2
148	56.8	51.1	76.7