Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
Data File : VV039101.D
Acq On : 16 Sep 2025 13:06
Operator : SY/MD
Sample : Q3084-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 17 02:22:37 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	366564	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	373562	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	216347	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	125817	4.352	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.000%			
7) Chloroethane-d5	1.545	69	119794	4.782	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.600%			
11) 1,1-Dichloroethene-d2	2.073	65	56909	4.132	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.600%			
20) 2-Butanone-d5	3.789	46	233422	54.360	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.720%			
24) Chloroform-d	4.256	84	269592	4.801	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.000%			
26) 1,2-Dichloroethane-d4	4.947	65	121795	5.151	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.000%			
32) Benzene-d6	4.963	84	480428	4.700	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.000%			
36) 1,2-Dichloropropane-d6	5.989	67	154847	5.068	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.400%			
41) Toluene-d8	7.240	98	358240	3.915	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.200%			
43) trans-1,3-Dichloroprop...	7.558	79	44772	4.006	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.200%			
46) 2-Hexanone-d5	8.014	63	164025	45.337	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.680%			
56) 1,1,2,2-Tetrachloroeth...	10.143	84	112993	5.180	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.600%			
66) 1,2-Dichlorobenzene-d4	11.548	152	136059	3.907	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 78.200%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.294	62	222723	5.549	ug/L #	82
8) Chloroethane	1.642	64	3208	0.128	ug/L #	54
12) 1,1-Dichloroethene	2.082	96	34764	1.155	ug/L #	1
15) Methyl Acetate	2.452	43	3106	0.342	ug/L #	55
16) Methylene chloride	2.462	84	5409	0.160	ug/L	97
17) Methyl tert-butyl Ether	2.716	73	16449	0.318	ug/L #	71
18) trans-1,2-Dichloroethene	2.706	96	287312	9.378	ug/L	97
19) 1,1-Dichloroethane	3.118	63	859953	15.304	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	2587463	86.535	ug/L	98
27) 1,2-Dichloroethane	5.060	62	19626	0.657	ug/L	100
33) Benzene	5.015	78	311650	2.650	ug/L	100
37) 1,2-Dichloropropane	5.989	63	15534	0.509	ug/L #	91
42) Toluene	7.326	91	27005	0.220	ug/L	96
51) Chlorobenzene	8.802	112	3080084	38.940	ug/L	99
52) Ethylbenzene	8.956	91	11342	0.090	ug/L	93
61) 1,2,3-Trichloropropane	11.104	75	1172487	64.337	ug/L #	49
64) 1,3-Dichlorobenzene	11.104	146	3860106	54.665	ug/L	97
65) 1,4-Dichlorobenzene	11.104	146	3860106	52.842	ug/L	97
67) 1,2-Dichlorobenzene	11.567	146	223564	3.573	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
Data File : VV039101.D
Acq On : 16 Sep 2025 13:06
Operator : SY/MD
Sample : Q3084-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 17 02:22:37 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)
70) 1,2,4-trichlorobenzene	13.194	180	7152	0.205	ug/L	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
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Acq On : 16 Sep 2025 13:06
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MSVOA_V
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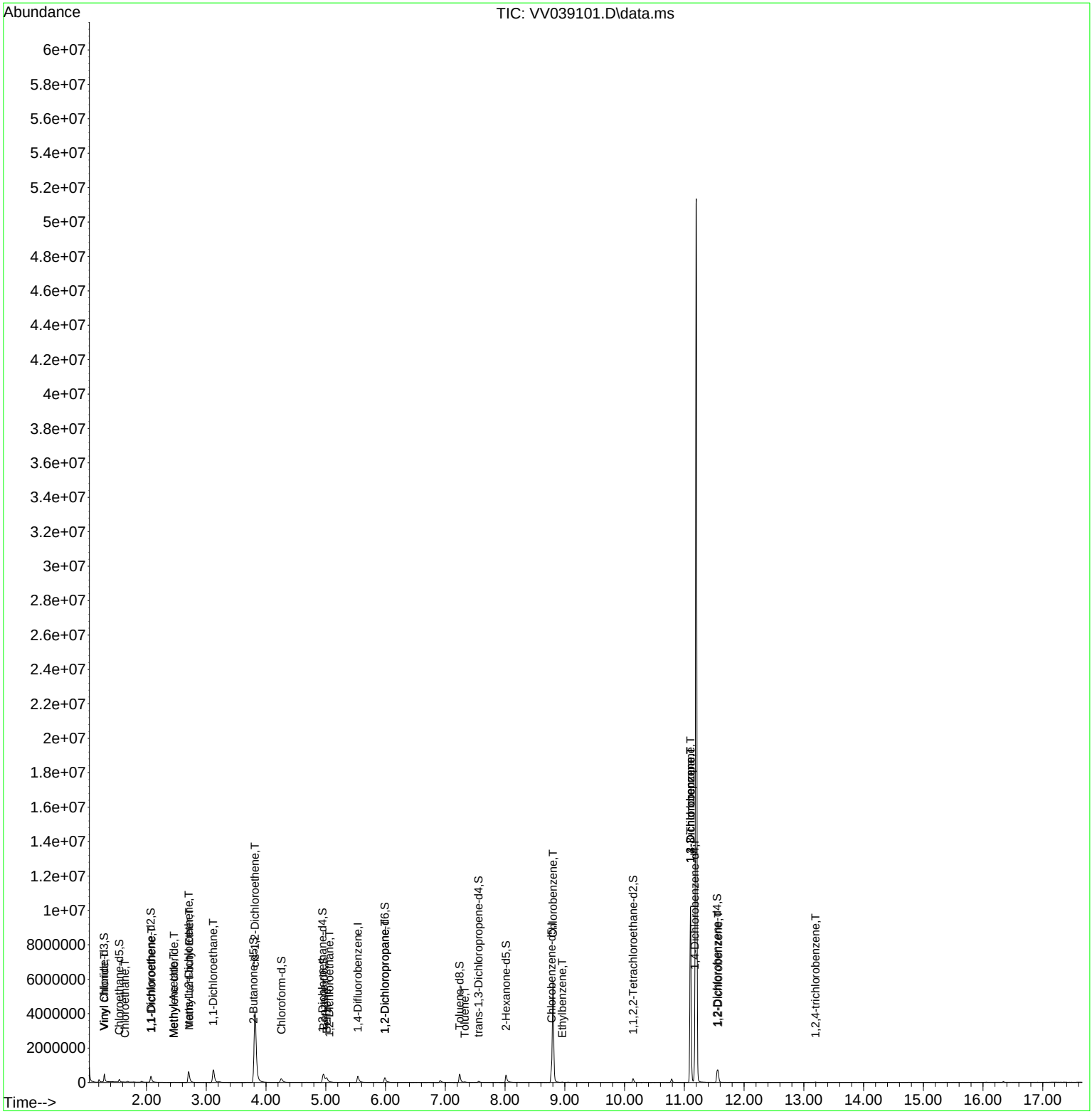
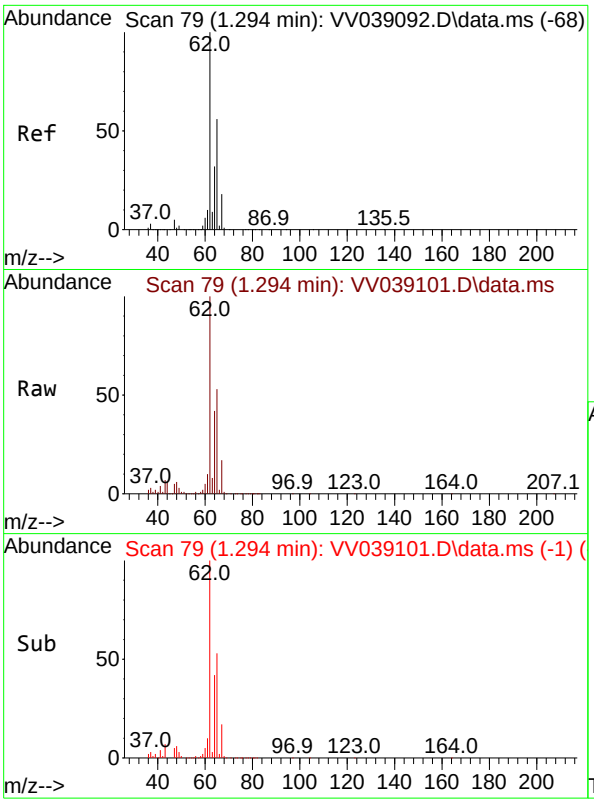
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 17 02:19:46 2025
Response via : Initial Calibration



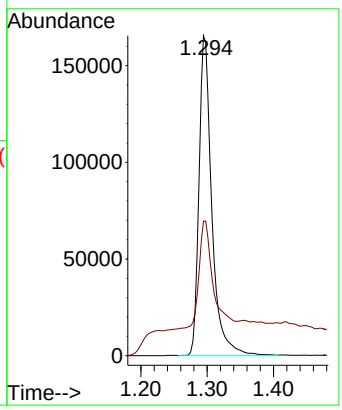


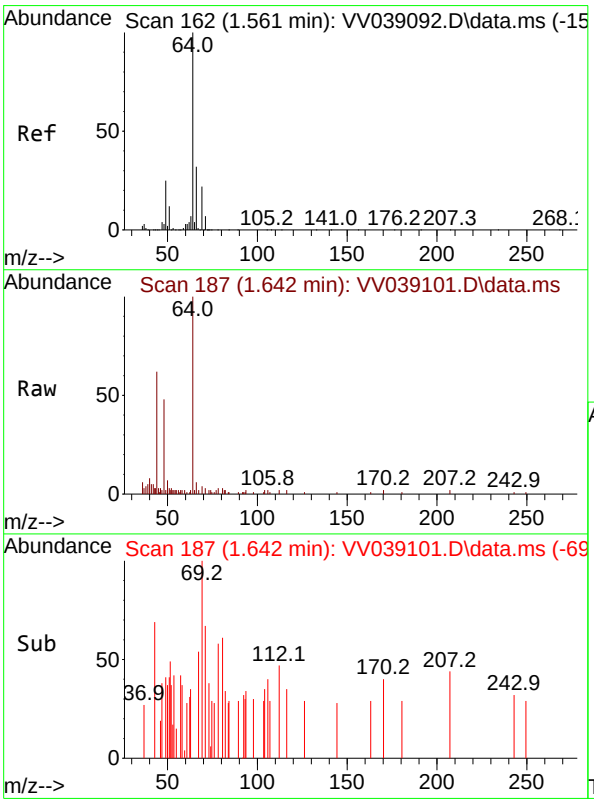
#5
Vinyl chloride
Concen: 5.549 ug/L
RT: 1.294 min Scan# 7
Delta R.T. 0.000 min
Lab File: VV039101.D
Acq: 16 Sep 2025 13:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 222723

Ion	Ratio	Lower	Upper
62	100		
64	42.0	22.4	41.6#

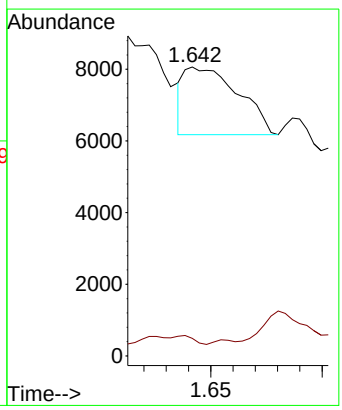


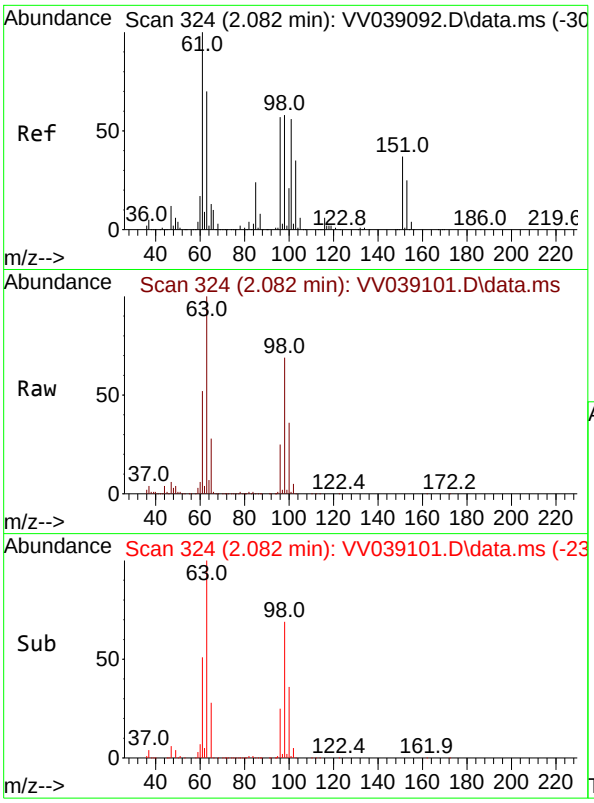


#8
Chloroethane
Concen: 0.128 ug/L
RT: 1.642 min Scan# 187
Delta R.T. 0.080 min
Lab File: VV039101.D
Acq: 16 Sep 2025 13:06

Tgt Ion: 64 Resp: 3208

Ion	Ratio	Lower	Upper
64	100		
66	6.1	22.3	41.5#



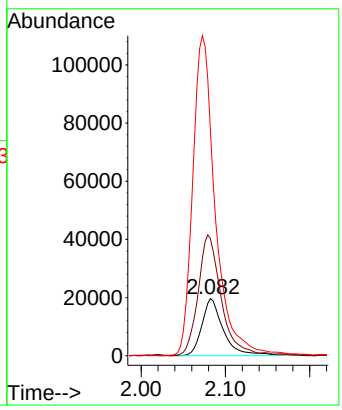


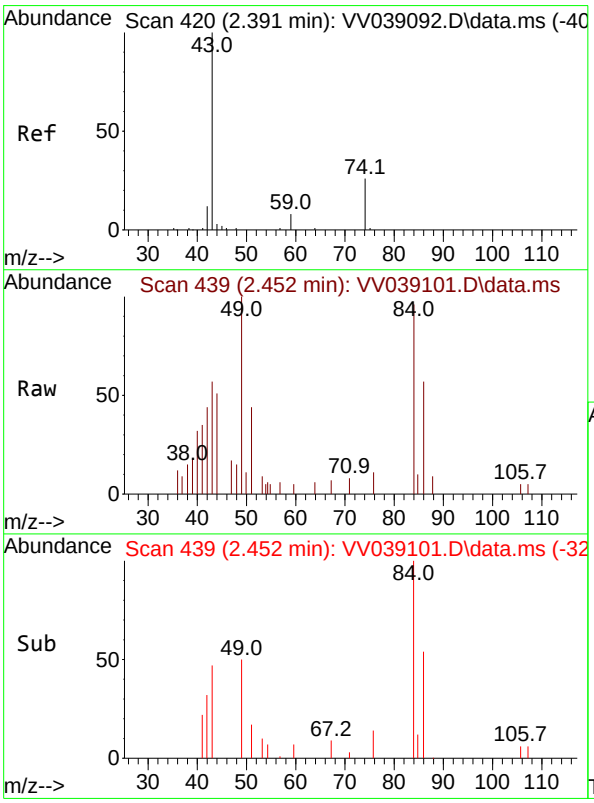
#12
1,1-Dichloroethene
Concen: 1.155 ug/L
RT: 2.082 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV039101.D
Acq: 16 Sep 2025 13:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 34764

Ion	Ratio	Lower	Upper
96	100		
61	204.9	124.7	231.7
63	395.9	93.5	173.7#

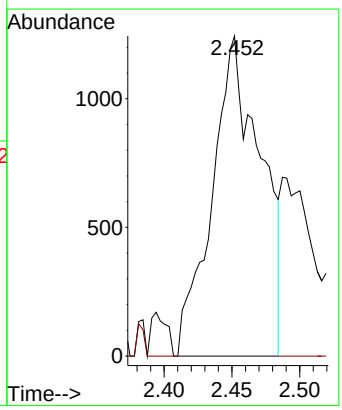


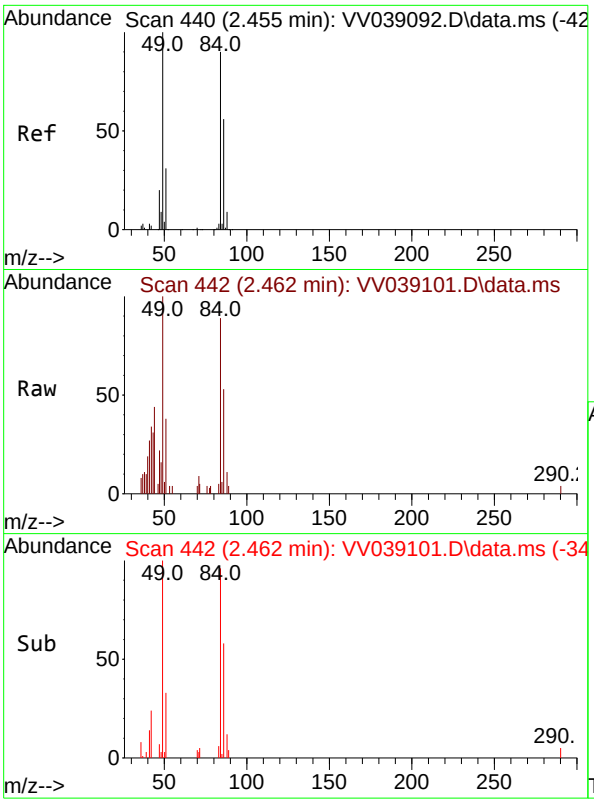


#15
Methyl Acetate
Concen: 0.342 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.061 min
Lab File: VV039101.D
Acq: 16 Sep 2025 13:06

Tgt Ion: 43 Resp: 3106

Ion	Ratio	Lower	Upper
43	100		
74	1.4	18.8	28.2#



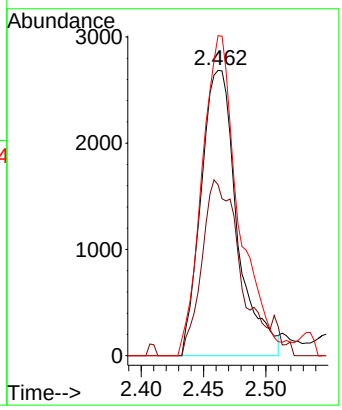


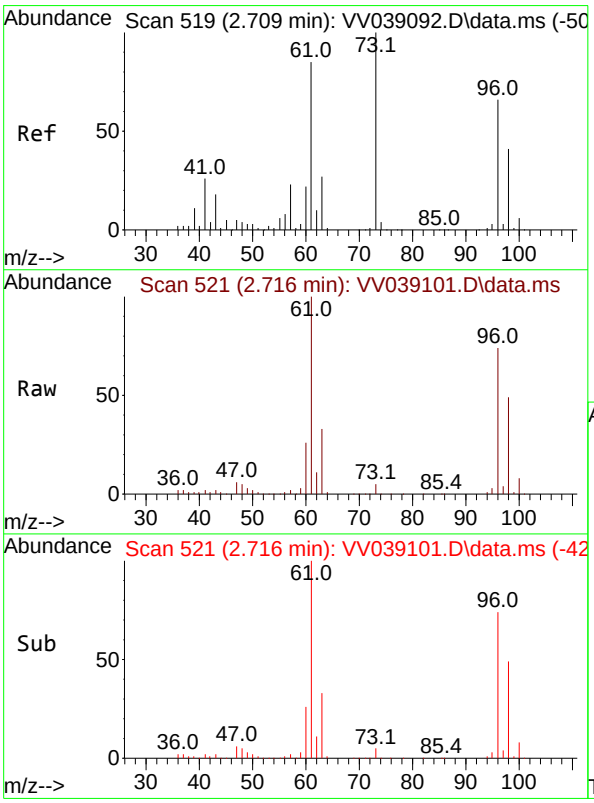
#16
Methylene chloride
Concen: 0.160 ug/L
RT: 2.462 min Scan# 44
Delta R.T. 0.006 min
Lab File: VV039101.D
Acq: 16 Sep 2025 13:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 5409

Ion	Ratio	Lower	Upper
84	100		
86	59.9	44.2	82.2
49	112.1	80.6	149.6

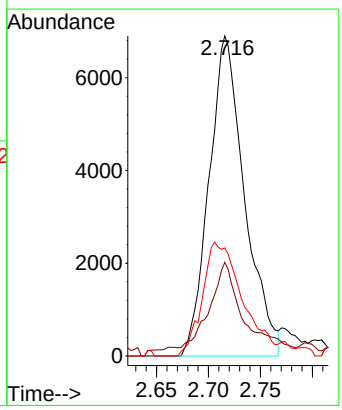


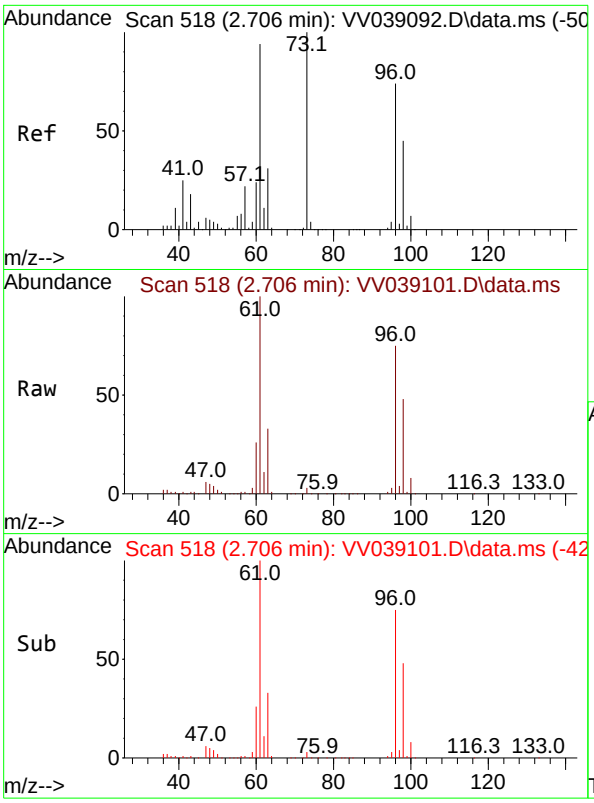


#17
Methyl tert-butyl Ether
Concen: 0.318 ug/L
RT: 2.716 min Scan# 521
Delta R.T. 0.007 min
Lab File: VV039101.D
Acq: 16 Sep 2025 13:06

Tgt Ion: 73 Resp: 16449

Ion	Ratio	Lower	Upper
73	100		
43	27.5	14.7	22.1#
57	39.7	18.0	27.0#



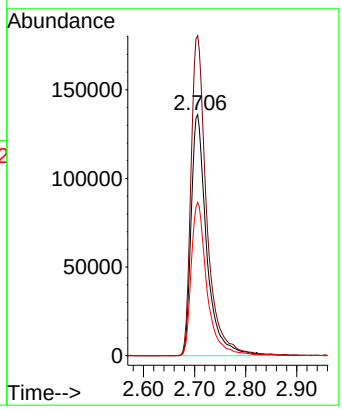


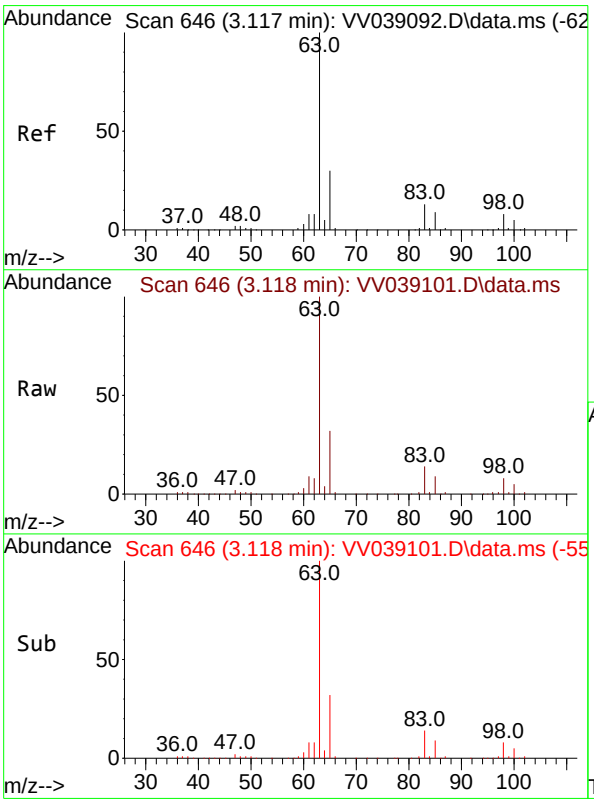
#18
trans-1,2-Dichloroethene
Concen: 9.378 ug/L
RT: 2.706 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV039101.D
Acq: 16 Sep 2025 13:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 287312

Ion	Ratio	Lower	Upper
96	100		
61	132.8	89.7	166.5
98	63.6	44.9	83.3

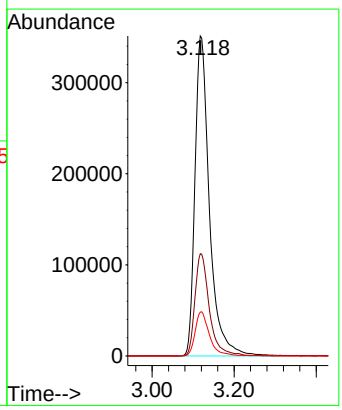


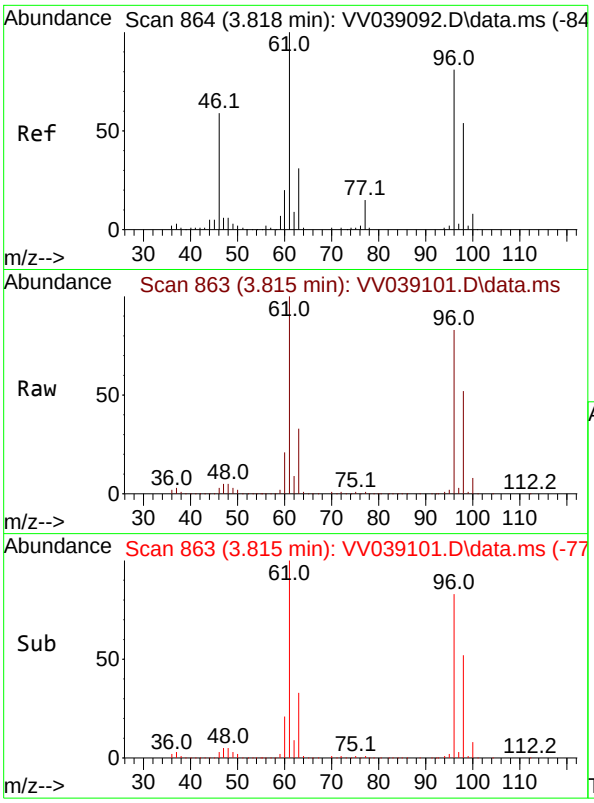


#19
1,1-Dichloroethane
Concen: 15.304 ug/L
RT: 3.118 min Scan# 646
Delta R.T. 0.000 min
Lab File: VV039101.D
Acq: 16 Sep 2025 13:06

Tgt Ion: 63 Resp: 859953

Ion	Ratio	Lower	Upper
63	100		
65	32.0	21.5	39.9
83	13.7	9.2	17.2



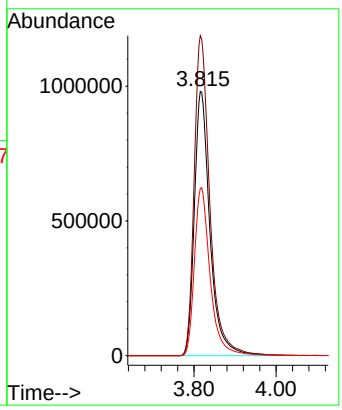


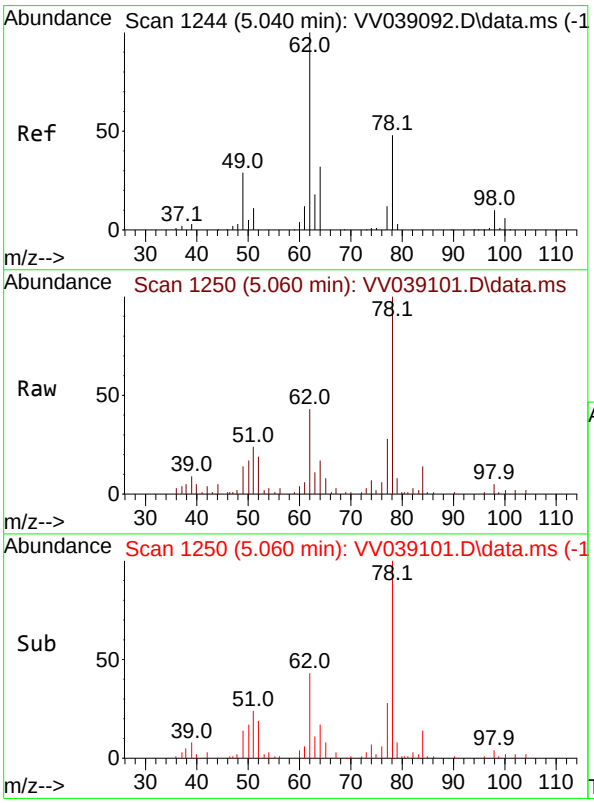
#22
cis-1,2-Dichloroethene
Concen: 86.535 ug/L
RT: 3.815 min Scan# 8
Delta R.T. -0.003 min
Lab File: VV039101.D
Acq: 16 Sep 2025 13:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 2587463

Ion	Ratio	Lower	Upper
96	100		
61	121.0	85.4	158.6
98	63.2	46.6	86.6

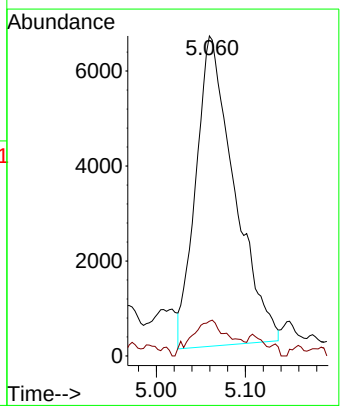


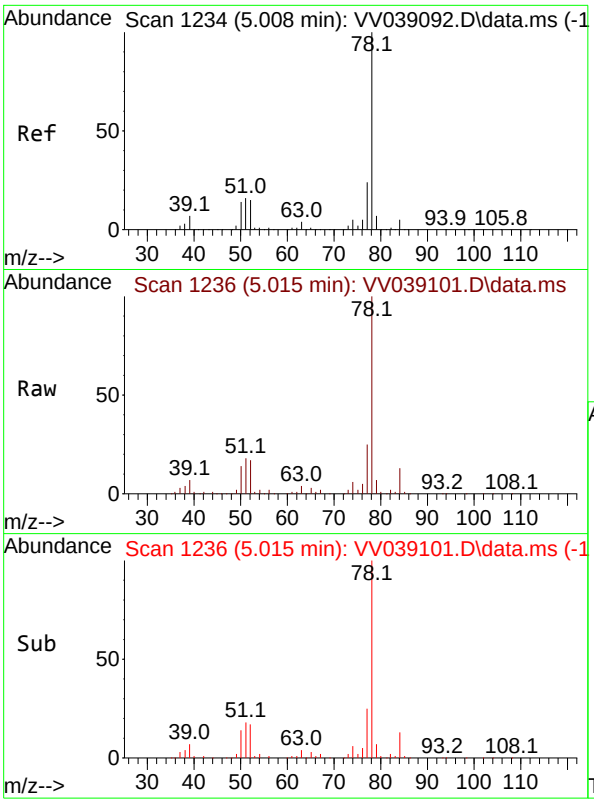


#27
1,2-Dichloroethane
Concen: 0.657 ug/L
RT: 5.060 min Scan# 1250
Delta R.T. 0.019 min
Lab File: VV039101.D
Acq: 16 Sep 2025 13:06

Tgt Ion: 62 Resp: 19626

Ion	Ratio	Lower	Upper
62	100		
98	10.8	8.6	12.8

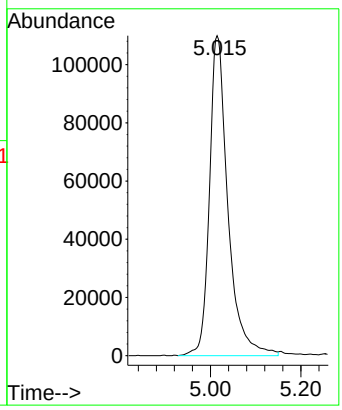


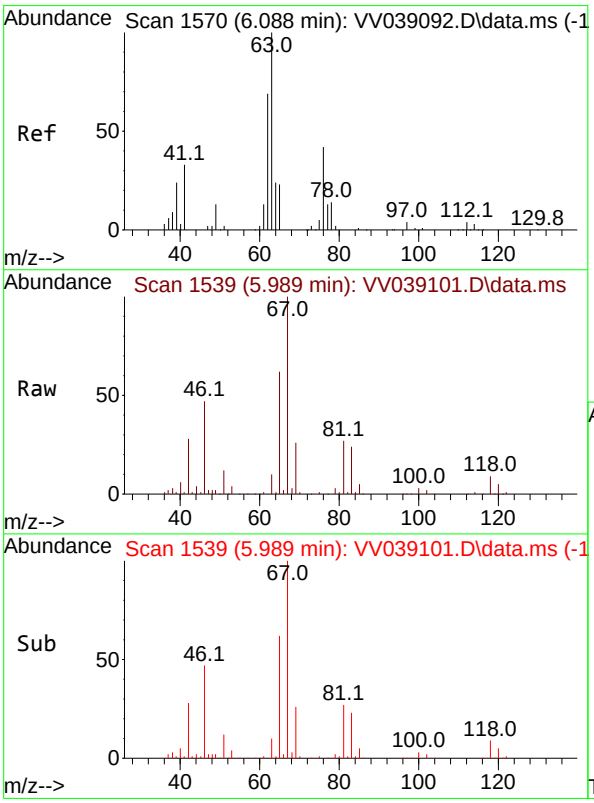


#33
Benzene
Concen: 2.650 ug/L
RT: 5.015 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039101.D
Acq: 16 Sep 2025 13:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 311650

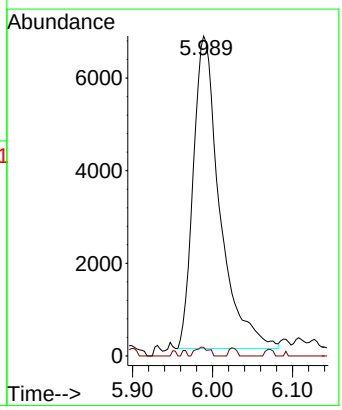


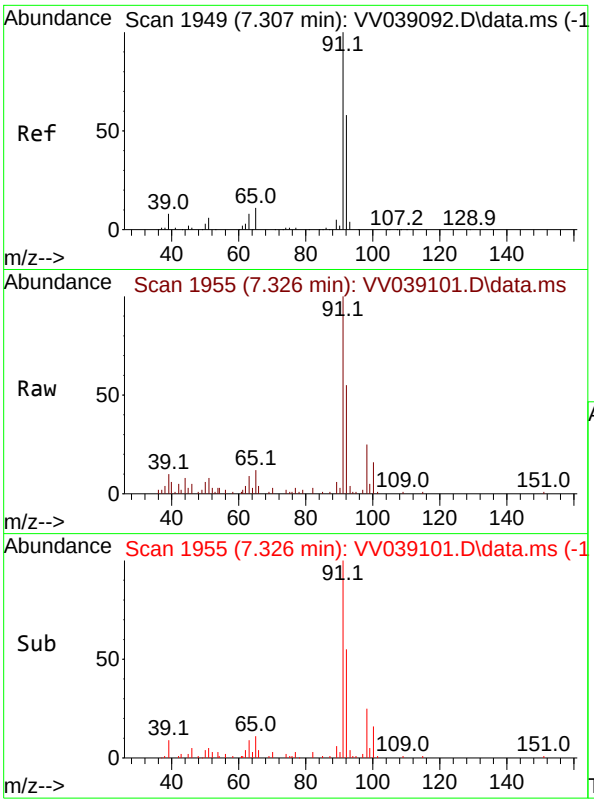


#37
1,2-Dichloropropane
Concen: 0.509 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.100 min
Lab File: VV039101.D
Acq: 16 Sep 2025 13:06

Tgt Ion: 63 Resp: 15534

Ion	Ratio	Lower	Upper
63	100		
112	1.4	3.6	5.4#



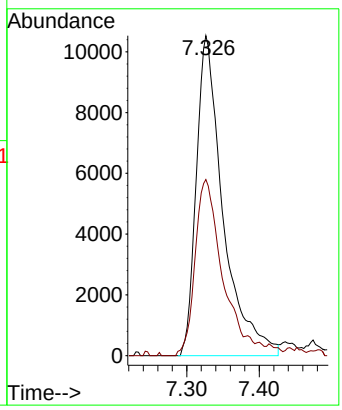


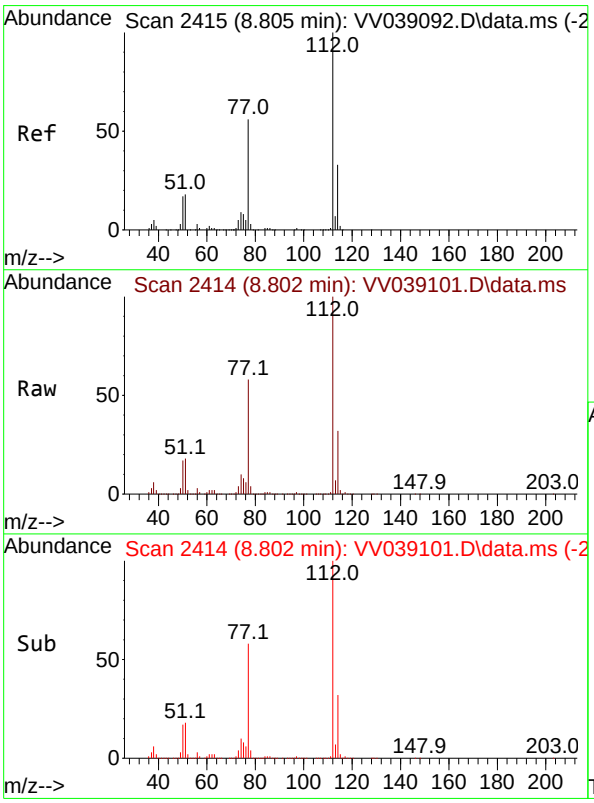
#42
Toluene
Concen: 0.220 ug/L
RT: 7.326 min Scan# 1
Delta R.T. 0.019 min
Lab File: VV039101.D
Acq: 16 Sep 2025 13:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 27005

Ion	Ratio	Lower	Upper
91	100		
92	55.0	40.5	75.1

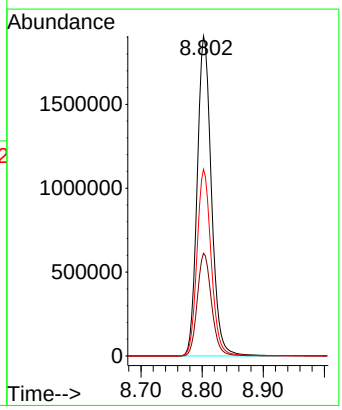


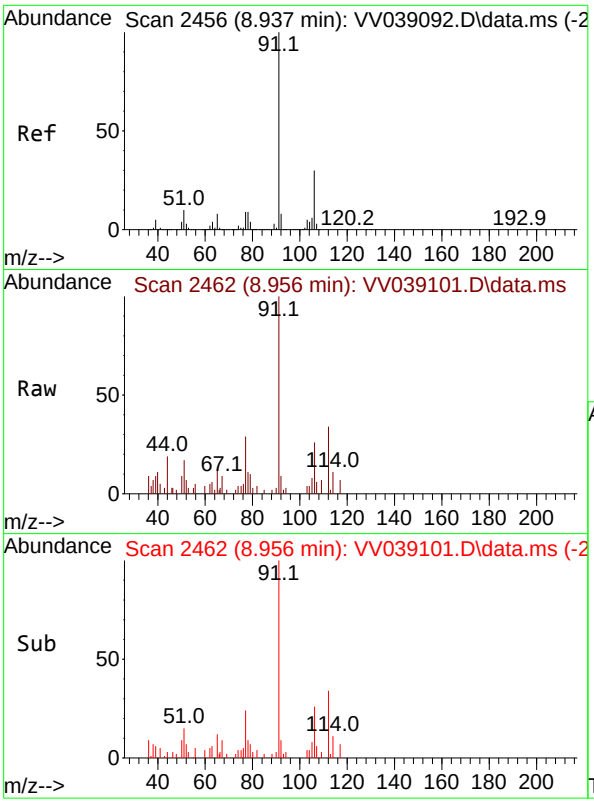


#51
Chlorobenzene
Concen: 38.940 ug/L
RT: 8.802 min Scan# 2414
Delta R.T. -0.003 min
Lab File: VV039101.D
Acq: 16 Sep 2025 13:06

Tgt Ion:112 Resp: 3080084

Ion	Ratio	Lower	Upper
112	100		
114	32.1	23.0	42.6
77	58.3	46.6	69.8



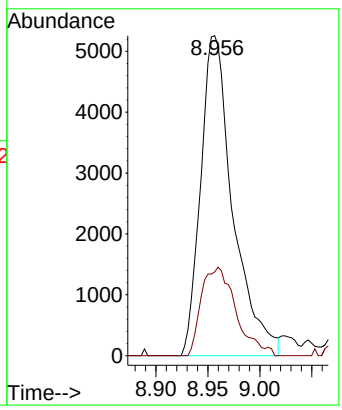


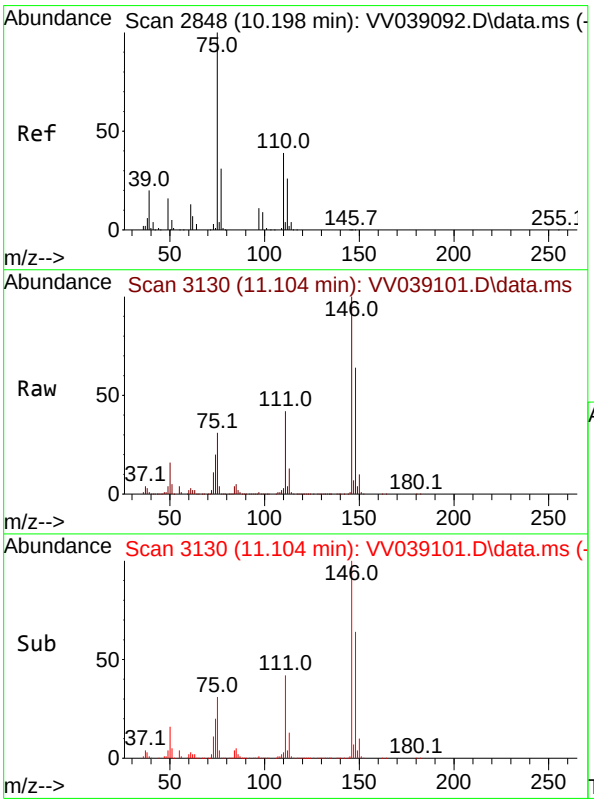
#52
Ethylbenzene
Concen: 0.090 ug/L
RT: 8.956 min Scan# 24
Delta R.T. 0.019 min
Lab File: VV039101.D
Acq: 16 Sep 2025 13:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 11342

Ion	Ratio	Lower	Upper
91	100		
106	26.2	20.8	38.6

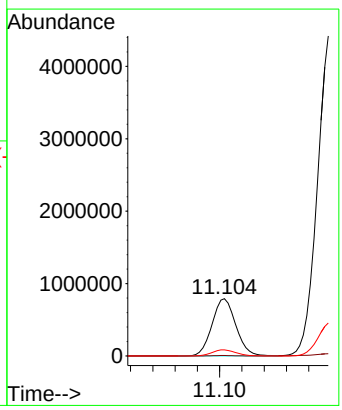


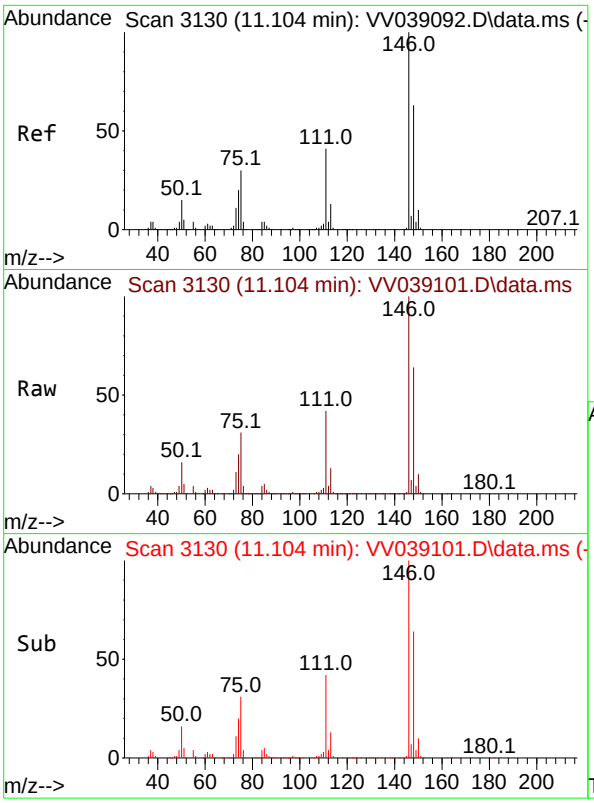


#61
1,2,3-Trichloropropane
Concen: 64.337 ug/L
RT: 11.104 min Scan# 3130
Delta R.T. 0.907 min
Lab File: VV039101.D
Acq: 16 Sep 2025 13:06

Tgt Ion: 75 Resp: 1172487

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#
110	10.8	31.0	46.4#



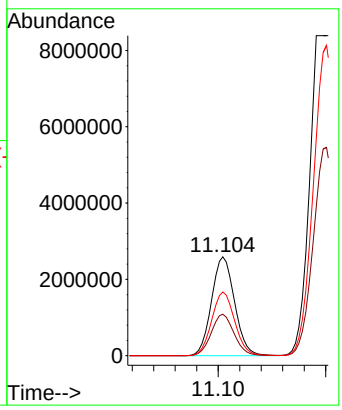


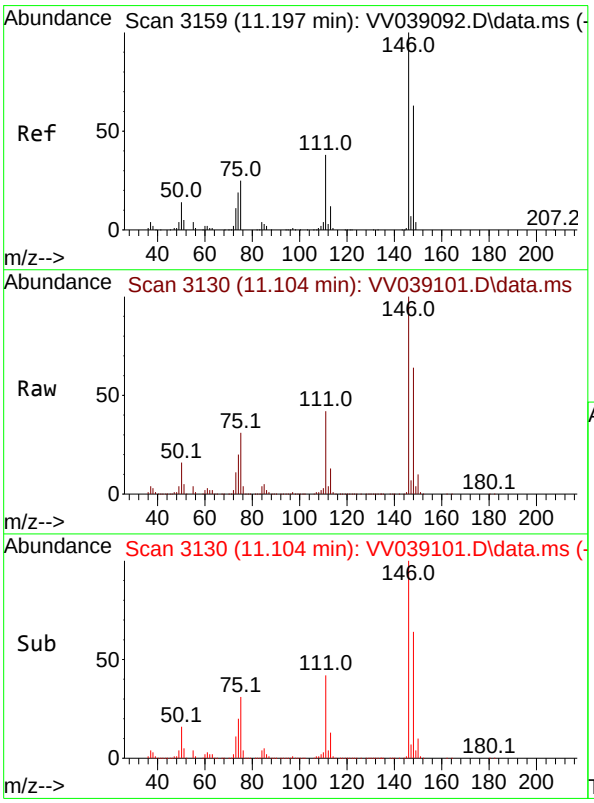
#64
1,3-Dichlorobenzene
Concen: 54.665 ug/L
RT: 11.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV039101.D
Acq: 16 Sep 2025 13:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 3860106

Ion	Ratio	Lower	Upper
146	100		
111	41.9	28.3	52.7
148	64.4	42.9	79.7

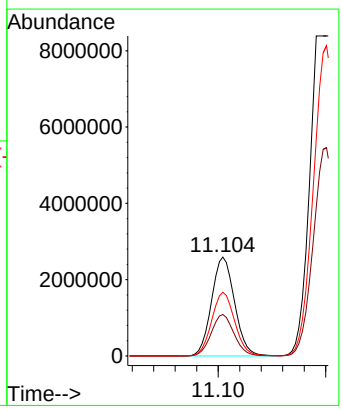


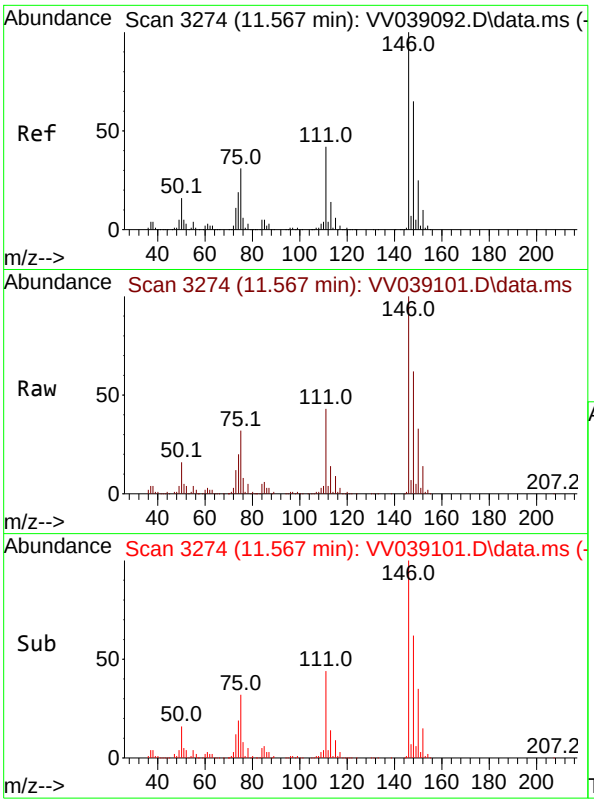


#65
1,4-Dichlorobenzene
Concen: 52.842 ug/L
RT: 11.104 min Scan# 3130
Delta R.T. -0.093 min
Lab File: VV039101.D
Acq: 16 Sep 2025 13:06

Tgt Ion:146 Resp: 3860106

Ion	Ratio	Lower	Upper
146	100		
111	41.9	27.2	50.6
148	64.4	43.8	81.4



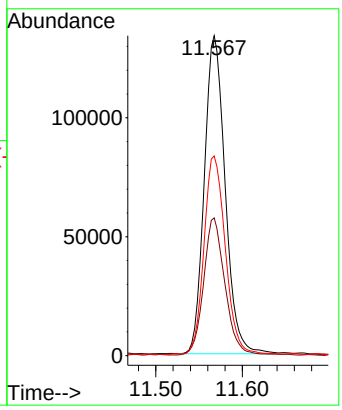


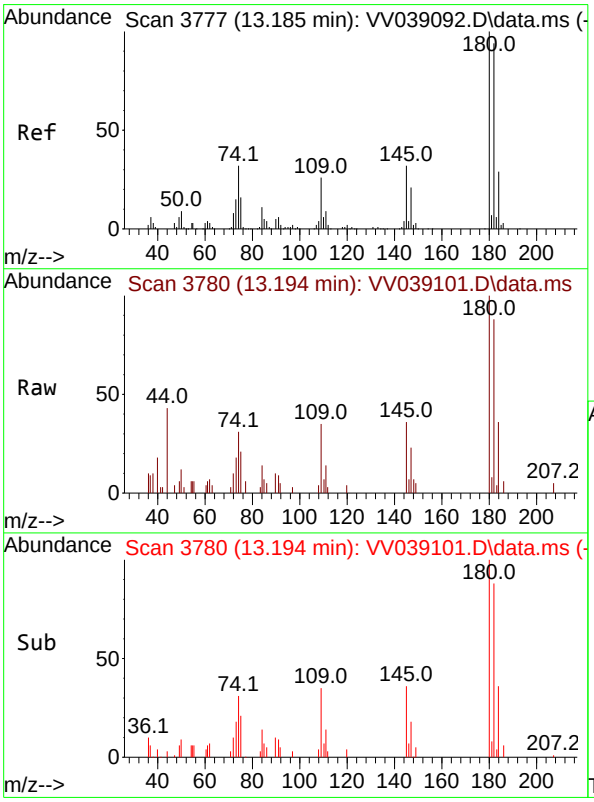
#67
1,2-Dichlorobenzene
Concen: 3.573 ug/L
RT: 11.567 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV039101.D
Acq: 16 Sep 2025 13:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 223564

Ion	Ratio	Lower	Upper
146	100		
111	43.1	33.4	50.2
148	62.4	51.1	76.7





#70
1,2,4-trichlorobenzene
Concen: 0.205 ug/L
RT: 13.194 min Scan# 3780
Delta R.T. 0.010 min
Lab File: VV039101.D
Acq: 16 Sep 2025 13:06

Tgt Ion:180 Resp: 7152

Ion	Ratio	Lower	Upper
180	100		
182	92.8	73.2	109.8
145	35.7	25.0	37.4