Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037627.D
Acq On : 27 Sep 2024 23:10
Operator : SY/MD
Sample : P4185-04DL 100X
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 28 04:21:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 28 00:49:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	577206	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	549574	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	256667	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	196650	38.810	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.620%			
7) Chloroethane-d5	1.532	69	171163	43.519	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.040%			
11) 1,1-Dichloroethene-d2	2.060	65	88576	41.842	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.680%			
21) 2-Butanone-d5	3.796	46	164986	91.418	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.420%			
24) Chloroform-d	4.243	84	410771	45.567	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.140%			
26) 1,2-Dichloroethane-d4	4.937	65	245471	46.521	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.040%			
32) Benzene-d6	4.953	84	781985	45.472	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.940%			
36) 1,2-Dichloropropane-d6	5.985	67	257870	47.090	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.180%			
41) Toluene-d8	7.239	98	670251	42.981	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.960%			
43) trans-1,3-Dichloroprop...	7.551	79	105668	41.538	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.080%			
47) 2-Hexanone-d5	8.024	63	95479	82.571	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 82.570%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	291235	45.771	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.540%			
66) 1,2-Dichlorobenzene-d4	11.554	152	263040	48.635	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.260%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	134967	26.390	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	2883	0.701	ug/L #	25
12) 1,1-Dichloroethene	2.063	96	3341	0.869	ug/L #	1
17) trans-1,2-Dichloroethene	2.690	96	3824	0.941	ug/L	95
19) 1,1-Dichloroethane	3.105	63	835659	107.288	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	49719	10.929	ug/L	97
39) cis-1,3-Dichloropropene	6.908	75	6958	1.018	ug/L #	59
42) Toluene	7.320	91	50230	2.923	ug/L	95
52) Ethylbenzene	8.950	91	22627	1.170	ug/L	97
53) m,p-Xylene	9.075	106	15911	2.210	ug/L	91
54) o-Xylene	9.477	106	18521	2.635	ug/L	100
60) Isopropylbenzene	10.670	105	22070	1.323	ug/L	93
62) 1,3,5-Trimethylbenzene	10.477	105	12485	0.946	ug/L	97
63) 1,2,4-Trimethylbenzene	10.847	105	74541	5.679	ug/L	99

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

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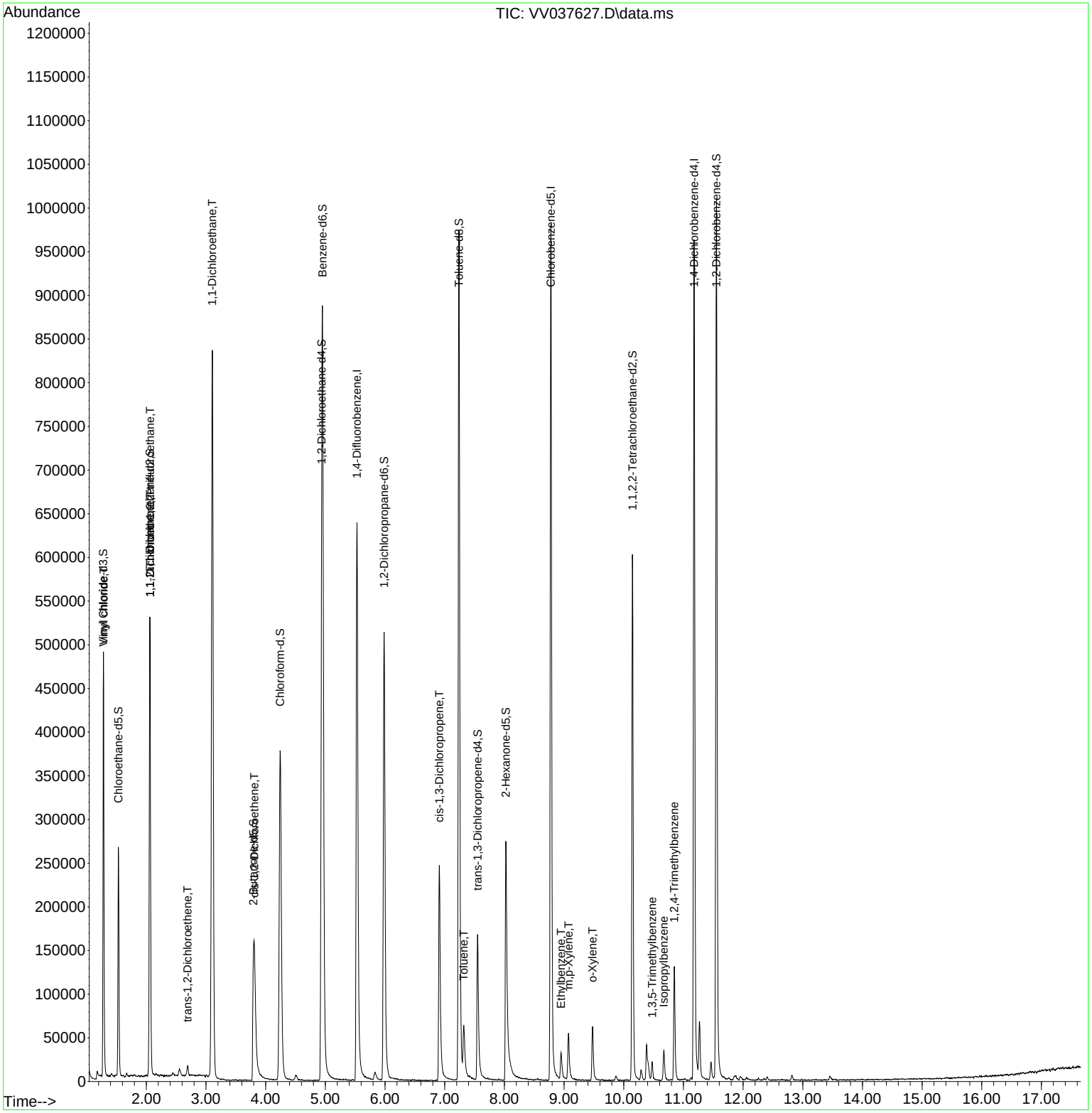
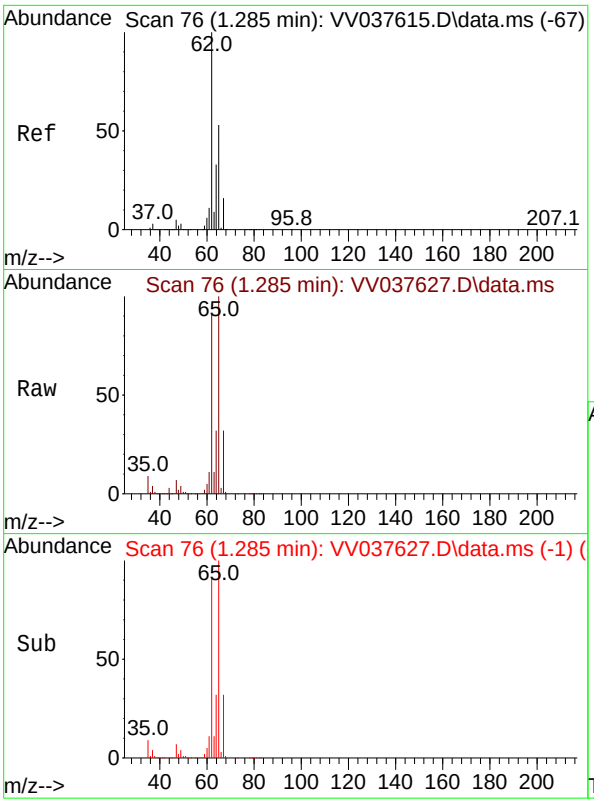
Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 28 04:21:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 28 00:49:19 2024
Response via : Initial Calibration



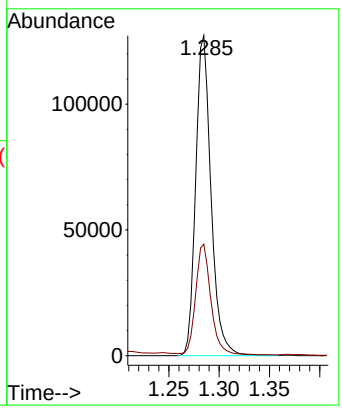


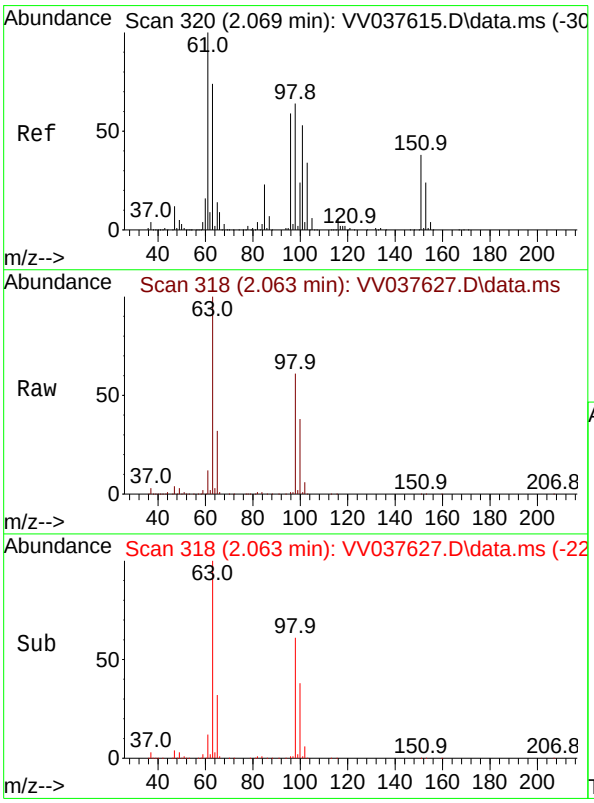
#5
Vinyl chloride
Concen: 26.390 ug/L
RT: 1.285 min Scan# 7
Delta R.T. 0.000 min
Lab File: VV037627.D
Acq: 27 Sep 2024 23:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 134967

Ion	Ratio	Lower	Upper
62	100		
64	34.8	23.2	43.0

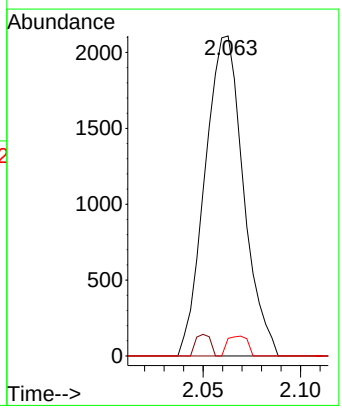


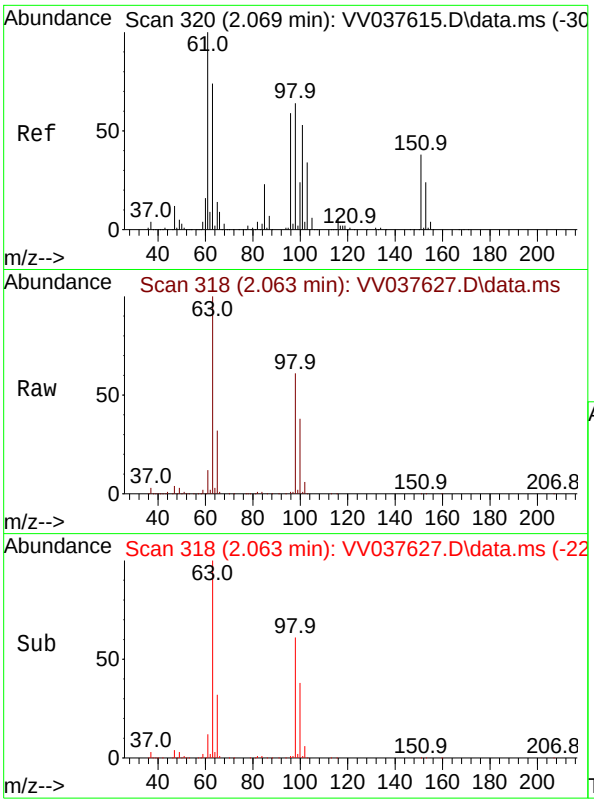


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.701 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.006 min
Lab File: VV037627.D
Acq: 27 Sep 2024 23:10

Tgt Ion:101 Resp: 2883

Ion	Ratio	Lower	Upper
101	100		
85	2.6	34.6	52.0#
151	3.3	57.5	86.3#



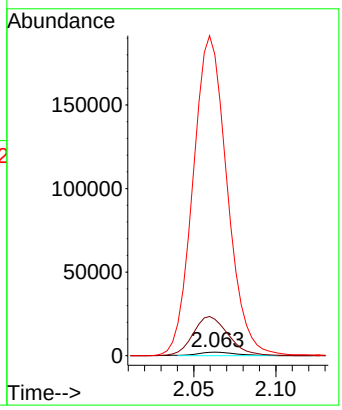


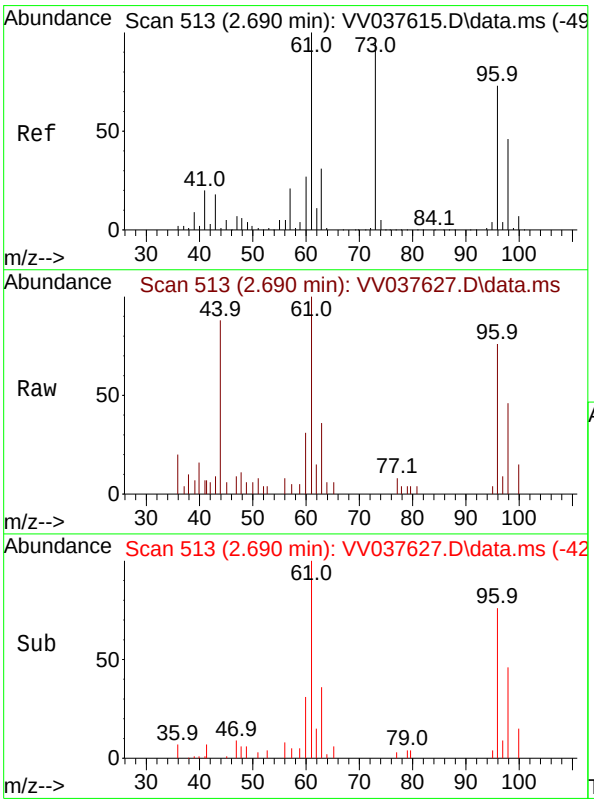
#12
1,1-Dichloroethene
Concen: 0.869 ug/L
RT: 2.063 min Scan# 3
Delta R.T. -0.006 min
Lab File: VV037627.D
Acq: 27 Sep 2024 23:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 3341

Ion	Ratio	Lower	Upper
96	100		
61	1041.7	122.6	227.6#
63	8602.6	118.0	219.2#

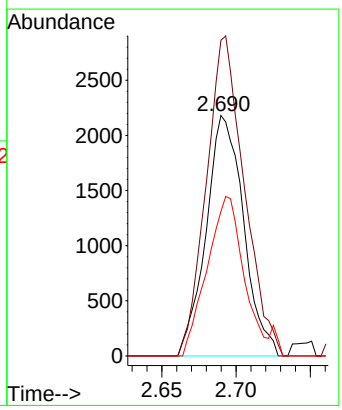


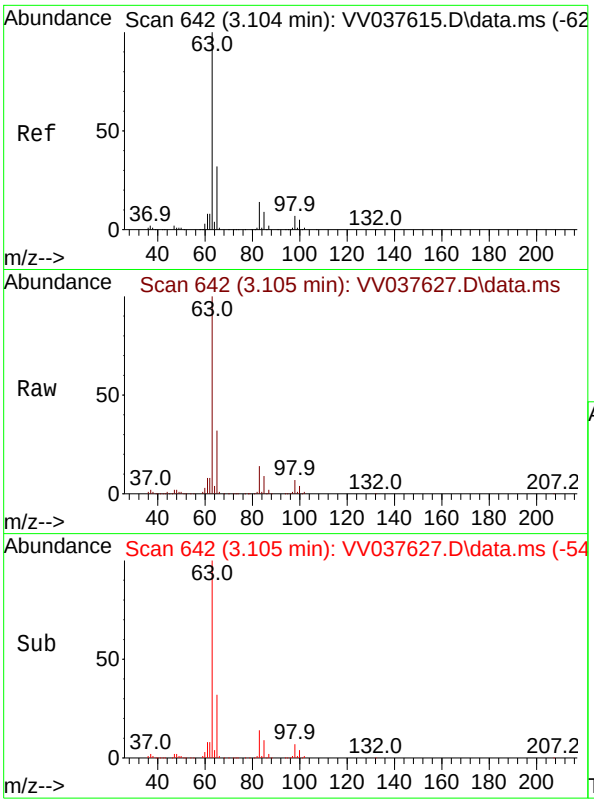


#17
trans-1,2-Dichloroethene
Concen: 0.941 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV037627.D
Acq: 27 Sep 2024 23:10

Tgt Ion: 96 Resp: 3824

Ion	Ratio	Lower	Upper
96	100		
61	131.3	97.3	180.7
98	60.1	43.9	81.5



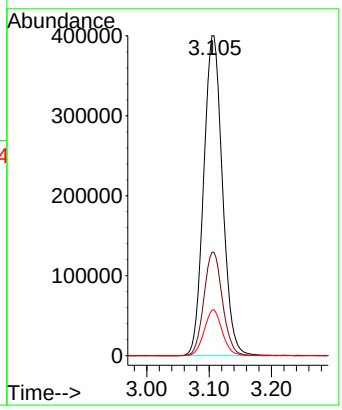


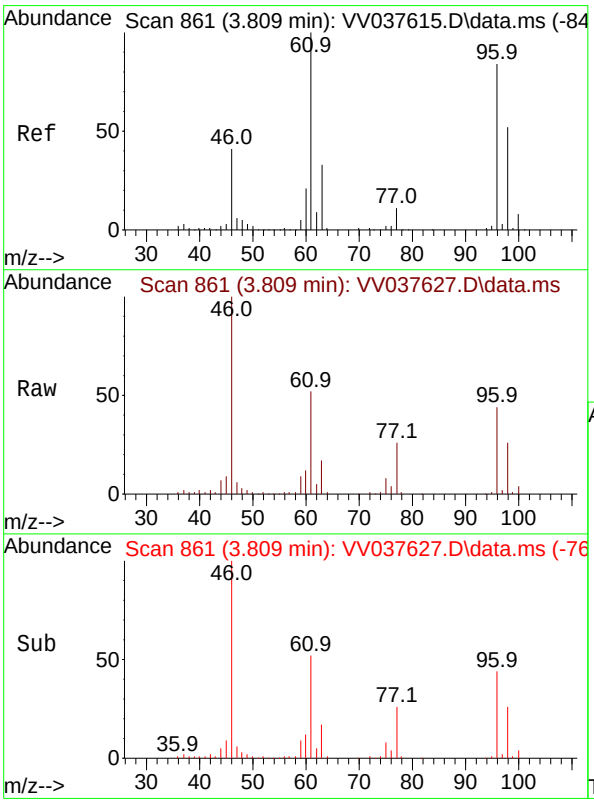
#19
1,1-Dichloroethane
Concen: 107.288 ug/L
RT: 3.105 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV037627.D
Acq: 27 Sep 2024 23:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 835659

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.4	41.6
83	14.3	9.5	17.7

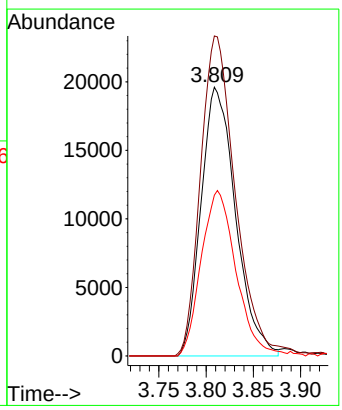


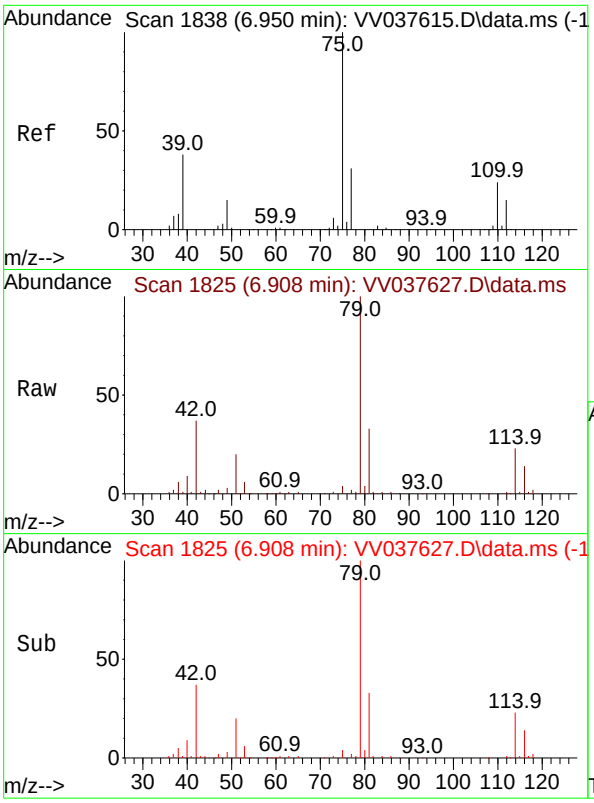


#20
cis-1,2-Dichloroethene
Concen: 10.929 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV037627.D
Acq: 27 Sep 2024 23:10

Tgt Ion: 96 Resp: 49719

Ion	Ratio	Lower	Upper
96	100		
61	119.1	85.0	157.8
98	59.8	44.2	82.0



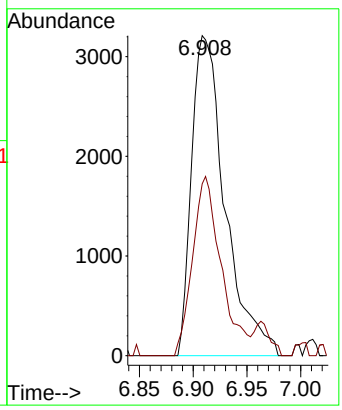


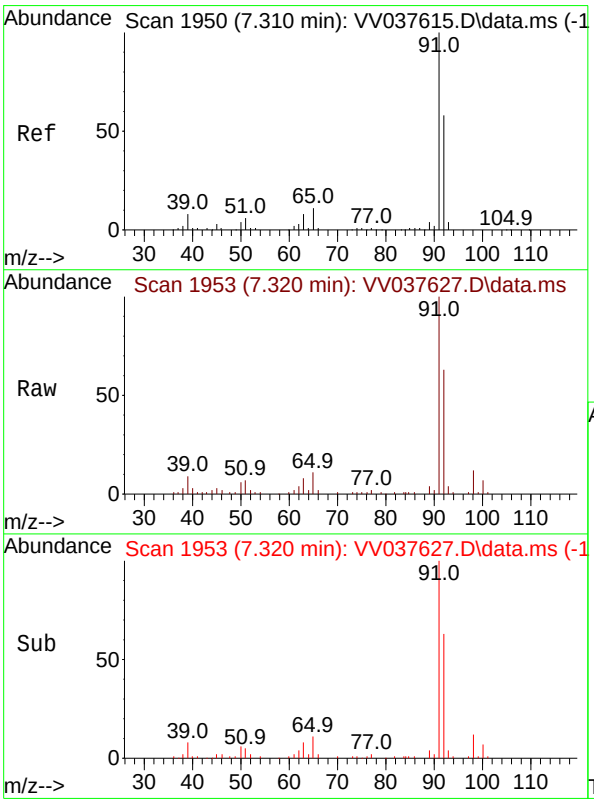
#39
cis-1,3-Dichloropropene
Concen: 1.018 ug/L
RT: 6.908 min Scan# 1
Delta R.T. -0.042 min
Lab File: VV037627.D
Acq: 27 Sep 2024 23:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 6958

Ion	Ratio	Lower	Upper
75	100		
77	53.7	21.8	40.4#

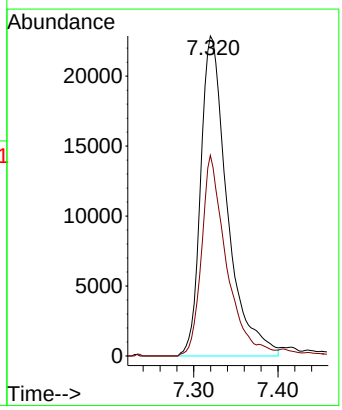


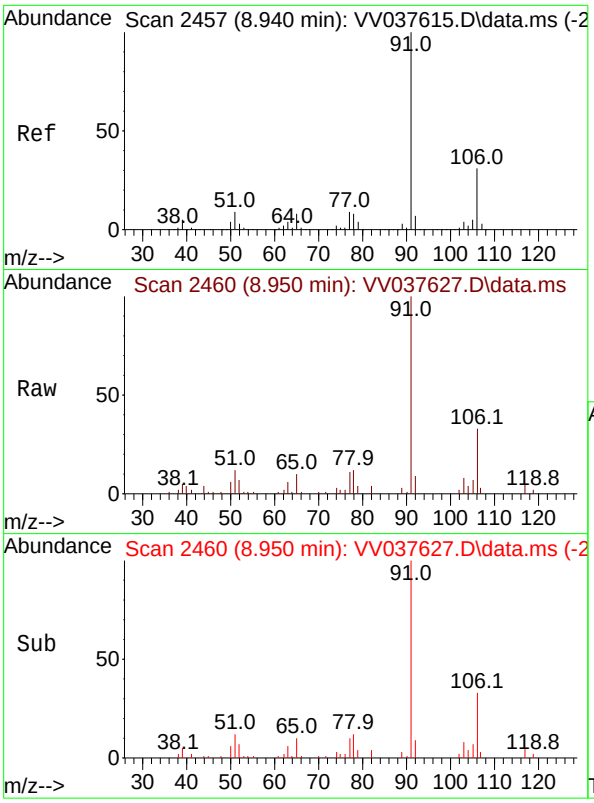


#42
Toluene
Concen: 2.923 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.010 min
Lab File: VV037627.D
Acq: 27 Sep 2024 23:10

Tgt Ion: 91 Resp: 50230

Ion	Ratio	Lower	Upper
91	100		
92	62.7	41.1	76.3



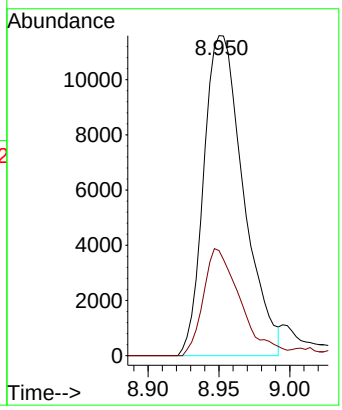


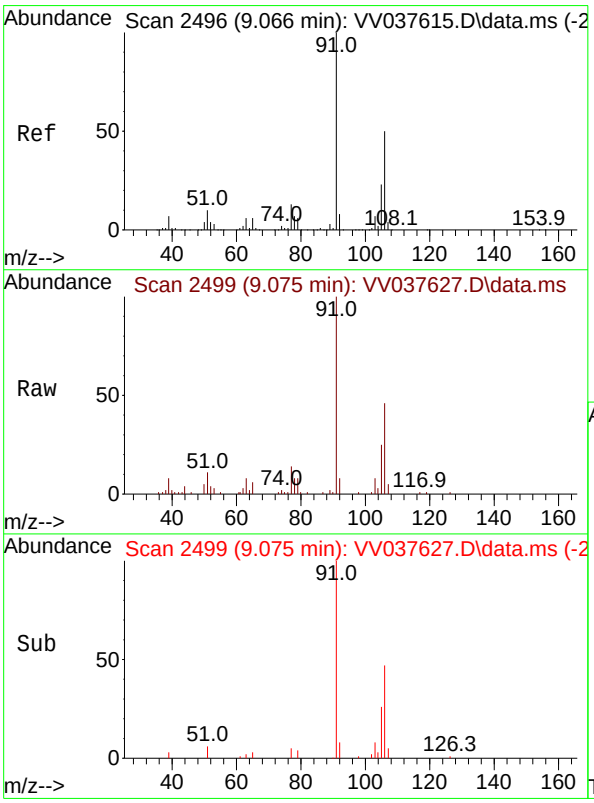
#52
Ethylbenzene
Concen: 1.170 ug/L
RT: 8.950 min Scan# 2
Delta R.T. 0.010 min
Lab File: VV037627.D
Acq: 27 Sep 2024 23:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 22627

Ion	Ratio	Lower	Upper
91	100		
106	32.9	21.9	40.7

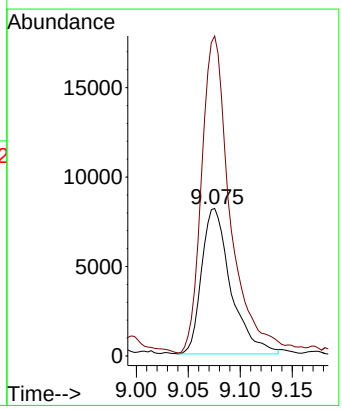


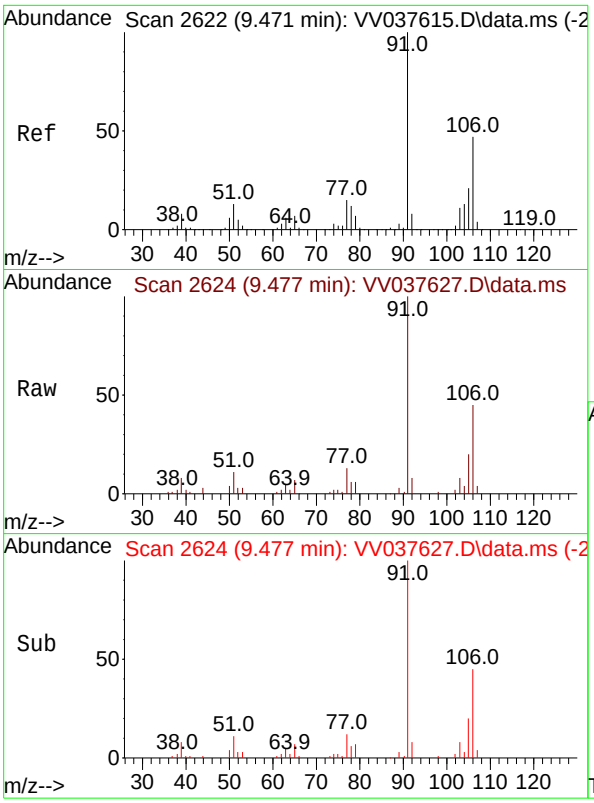


#53
m,p-Xylene
Concen: 2.210 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.010 min
Lab File: VV037627.D
Acq: 27 Sep 2024 23:10

Tgt Ion:106 Resp: 15911

Ion	Ratio	Lower	Upper
106	100		
91	217.0	142.0	263.6



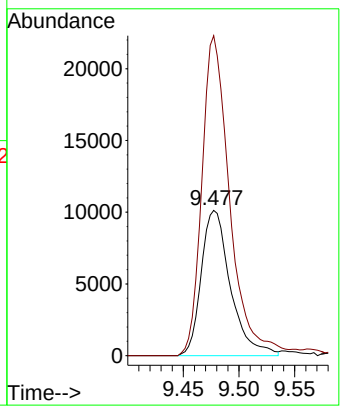


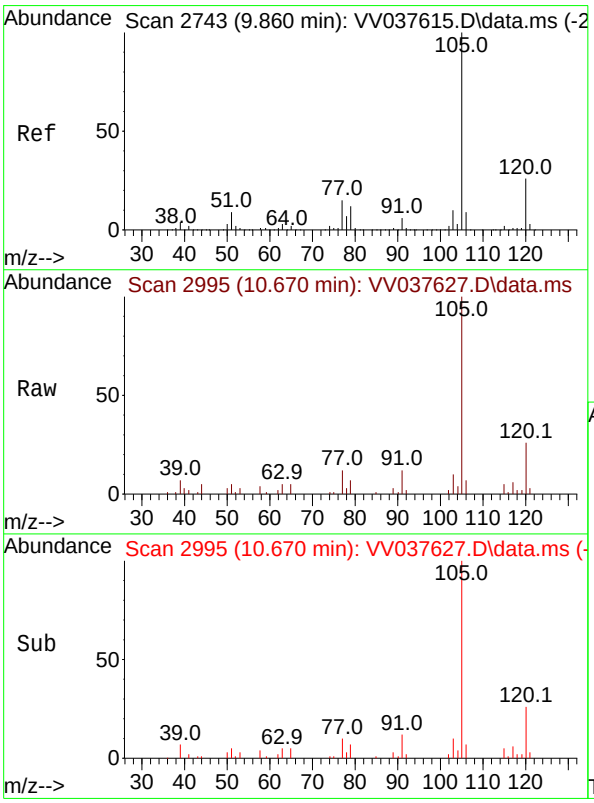
#54
o-Xylene
Concen: 2.635 ug/L
RT: 9.477 min Scan# 2
Delta R.T. 0.007 min
Lab File: VV037627.D
Acq: 27 Sep 2024 23:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 18521

Ion	Ratio	Lower	Upper
106	100		
91	220.2	153.9	285.9

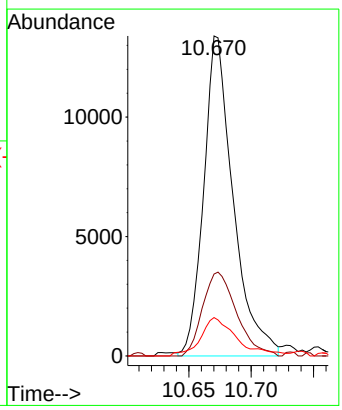


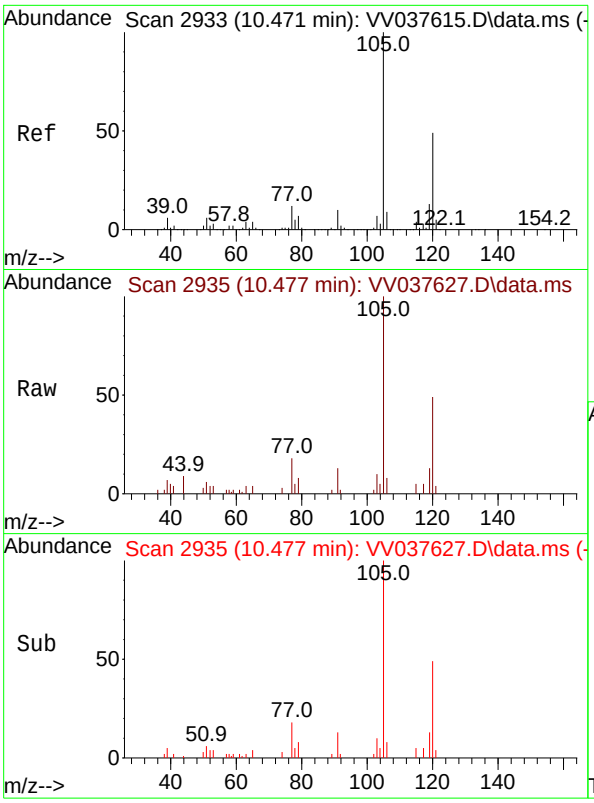


#60
Isopropylbenzene
Concen: 1.323 ug/L
RT: 10.670 min Scan# 2995
Delta R.T. 0.810 min
Lab File: VV037627.D
Acq: 27 Sep 2024 23:10

Tgt Ion:105 Resp: 22070

Ion	Ratio	Lower	Upper
105	100		
120	30.0	20.7	31.1
77	13.3	12.2	18.2



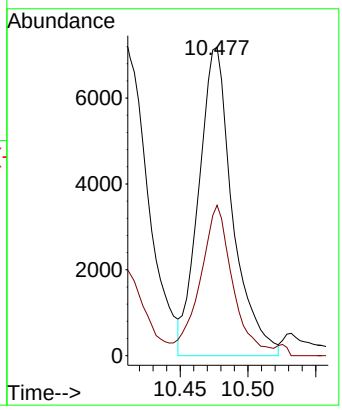


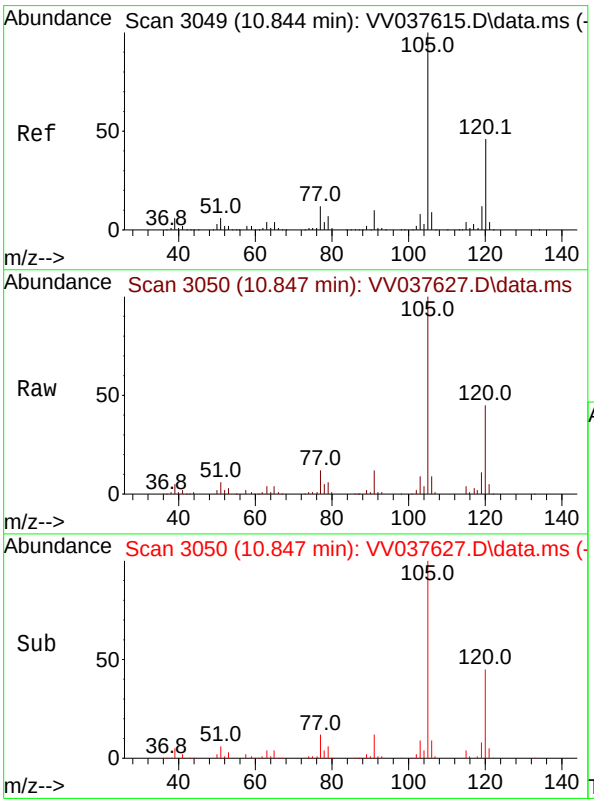
#62
1,3,5-Trimethylbenzene
Concen: 0.946 ug/L
RT: 10.477 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV037627.D
Acq: 27 Sep 2024 23:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 12485

Ion	Ratio	Lower	Upper
105	100		
120	47.3	39.3	58.9





#63
1,2,4-Trimethylbenzene
Concen: 5.679 ug/L
RT: 10.847 min Scan# 3050
Delta R.T. 0.003 min
Lab File: VV037627.D
Acq: 27 Sep 2024 23:10

Tgt Ion:105 Resp: 74541

Ion	Ratio	Lower	Upper
105	100		
120	46.1	36.2	54.2