Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037585.D
Acq On : 27 Sep 2024 05:28
Operator : SY/MD
Sample : P4185-13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 27 05:59:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 02:22:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	633159	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	621860	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	312102	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	242307	43.595	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.200%		
7) Chloroethane-d5	1.532	69	188317	43.650	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.300%		
11) 1,1-Dichloroethene-d2	2.059	65	101190	43.576	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.160%		
21) 2-Butanone-d5	3.793	46	170511	86.130	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.130%		
24) Chloroform-d	4.243	84	433306	43.819	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.640%		
26) 1,2-Dichloroethane-d4	4.937	65	258652	44.687	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.380%		
32) Benzene-d6	4.953	84	857806	44.082	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.160%		
36) 1,2-Dichloropropane-d6	5.985	67	274256	44.261	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.520%		
41) Toluene-d8	7.239	98	764646	43.335	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.660%		
43) trans-1,3-Dichloroprop...	7.551	79	111728	38.815	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.640%		
47) 2-Hexanone-d5	8.024	63	116860	89.313	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.310%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	306897	42.626	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.260%		
66) 1,2-Dichlorobenzene-d4	11.554	152	305161	46.401	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.800%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	1111973	198.208	ug/L	99
8) Chloroethane	1.548	64	2873299	830.953	ug/L	97
16) Methylene chloride	2.445	84	20225	4.238	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	24475	5.488	ug/L	97
19) 1,1-Dichloroethane	3.104	63	866132	101.374	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	127782	25.606	ug/L	96
27) 1,2-Dichloroethane	5.043	62	29620	4.743	ug/L	98
39) cis-1,3-Dichloropropene	6.908	75	7241	0.937	ug/L #	62
48) 2-Hexanone	8.021	43	20139	6.568	ug/L #	70
52) Ethylbenzene	8.943	91	141471	6.464	ug/L	100
54) o-Xylene	9.480	106	9720	1.222	ug/L	91
60) Isopropylbenzene	10.670	105	139464	6.873	ug/L	94
63) 1,2,4-Trimethylbenzene	10.847	105	65908	4.129	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	24070	2.493	ug/L	98
71) Naphthalene	13.442	128	22632	1.390	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037585.D
Acq On : 27 Sep 2024 05:28
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Instrument :
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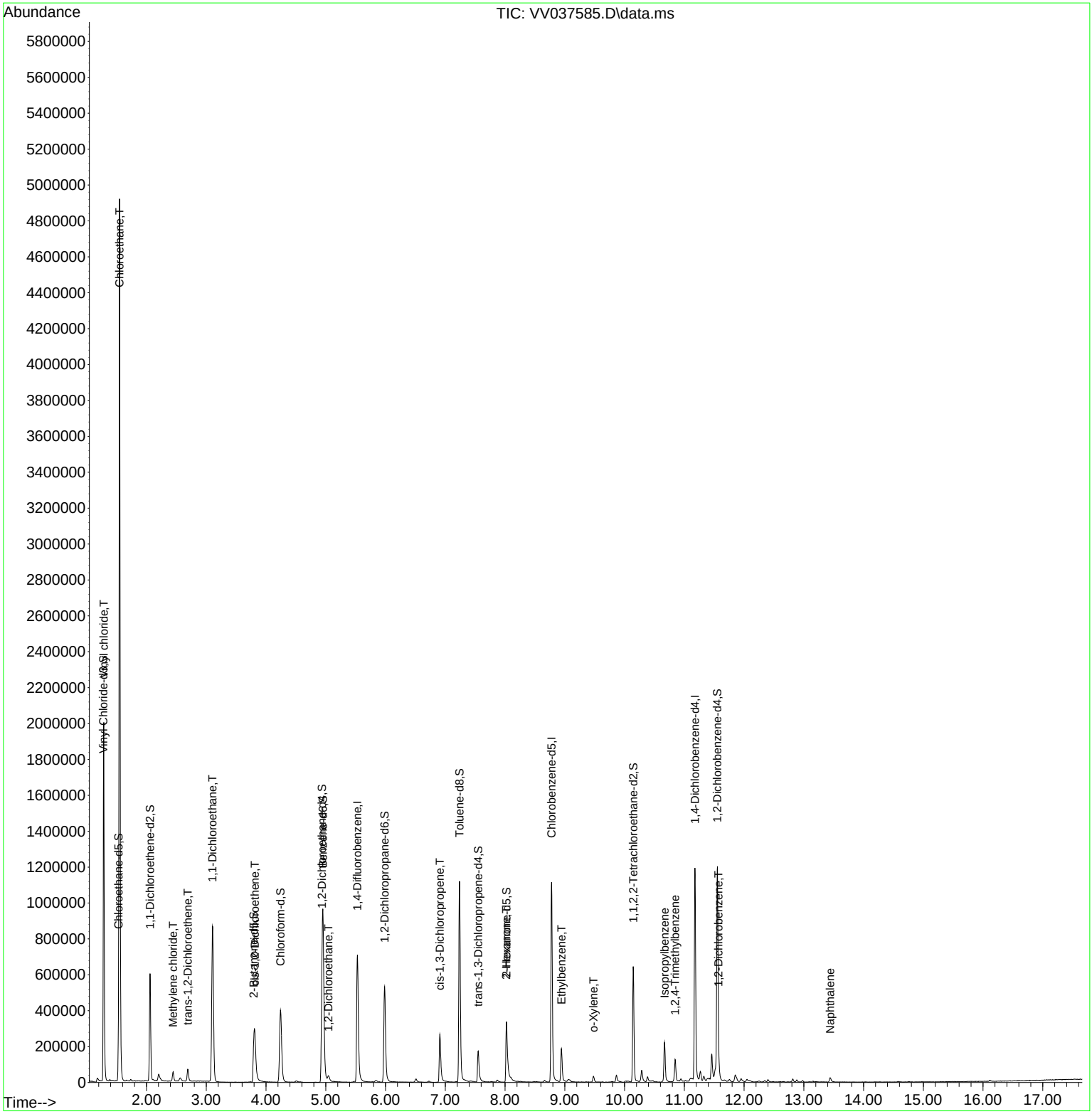
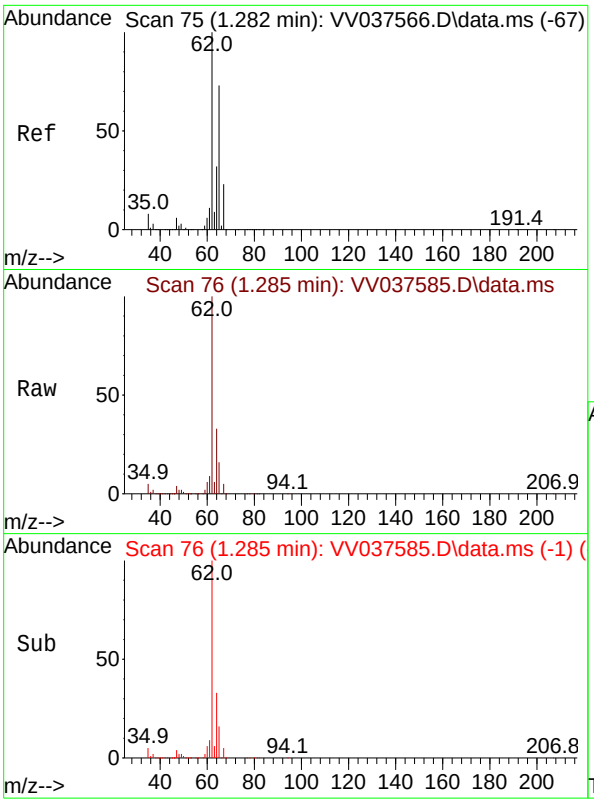
Quant Time: Sep 27 05:59:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 02:22:28 2024
Response via : Initial Calibration



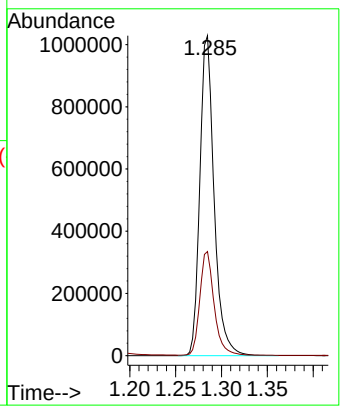


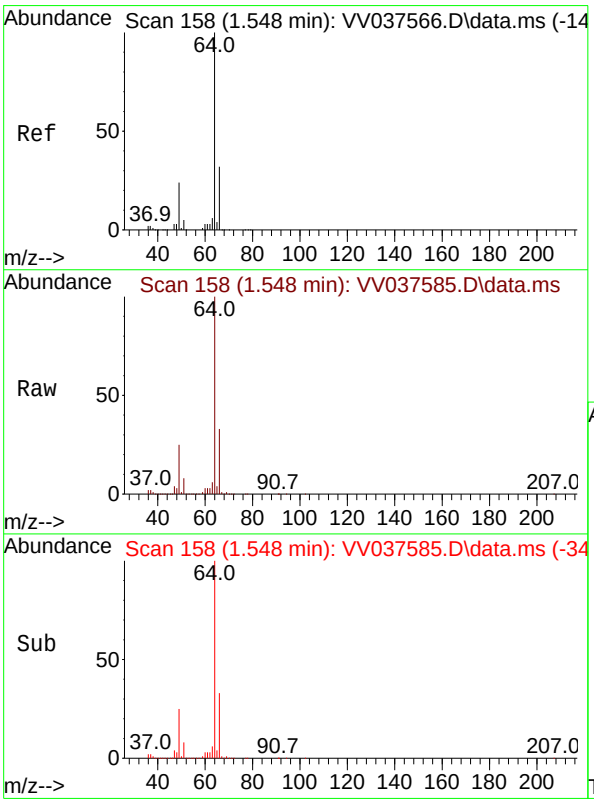
#5
Vinyl chloride
Concen: 198.208 ug/L
RT: 1.285 min Scan# 7
Delta R.T. 0.003 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 1111973

Ion	Ratio	Lower	Upper
62	100		
64	32.6	23.2	43.0

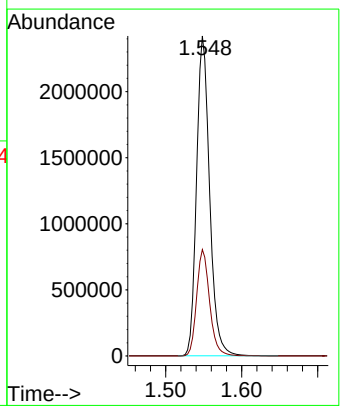


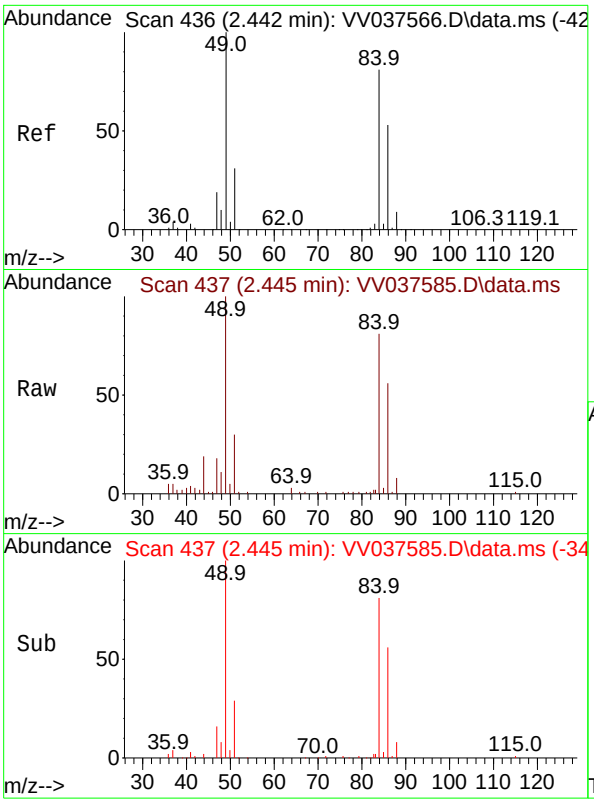


#8
Chloroethane
Concen: 830.953 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Tgt Ion: 64 Resp: 2873299

Ion	Ratio	Lower	Upper
64	100		
66	33.2	22.2	41.2



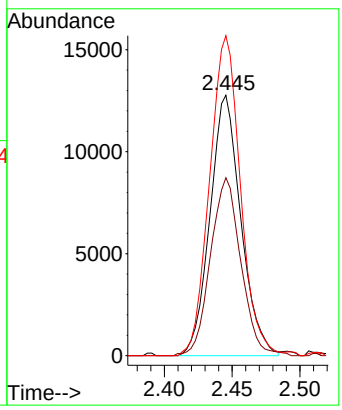


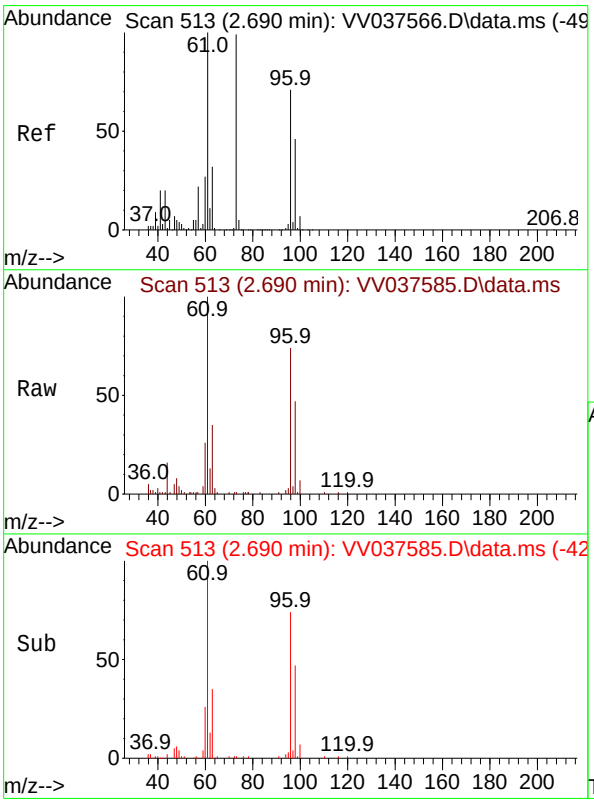
#16
Methylene chloride
Concen: 4.238 ug/L
RT: 2.445 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 20225

Ion	Ratio	Lower	Upper
84	100		
86	68.3	46.4	86.2
49	122.9	85.9	159.5

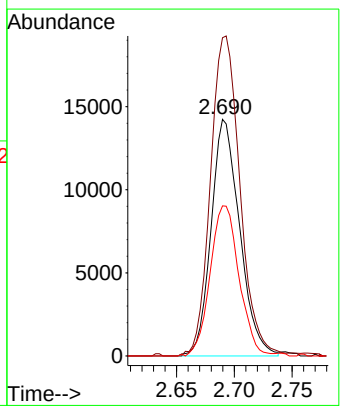


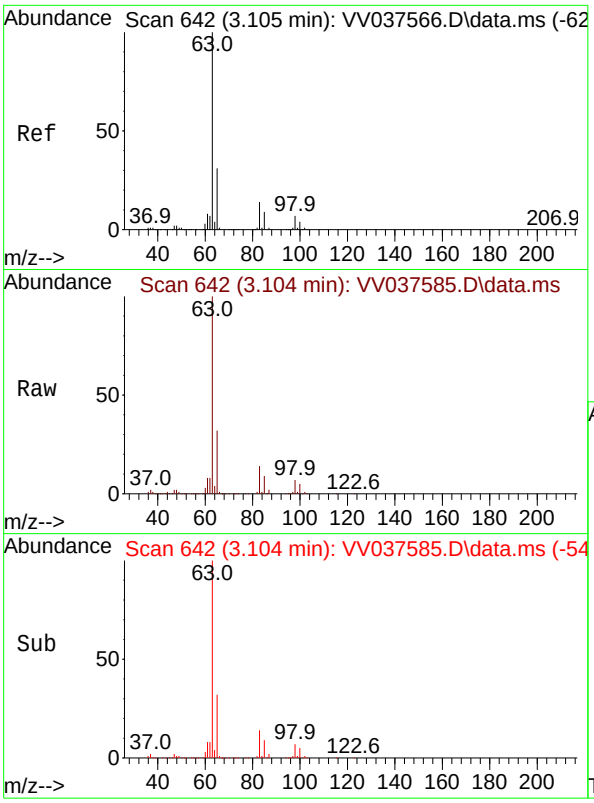


#17
trans-1,2-Dichloroethene
Concen: 5.488 ug/L
RT: 2.690 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Tgt Ion: 96 Resp: 24475

Ion	Ratio	Lower	Upper
96	100		
61	134.5	97.3	180.7
98	63.4	43.9	81.5



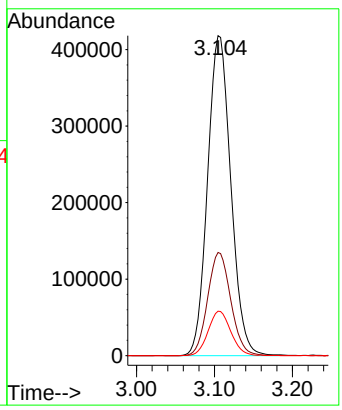


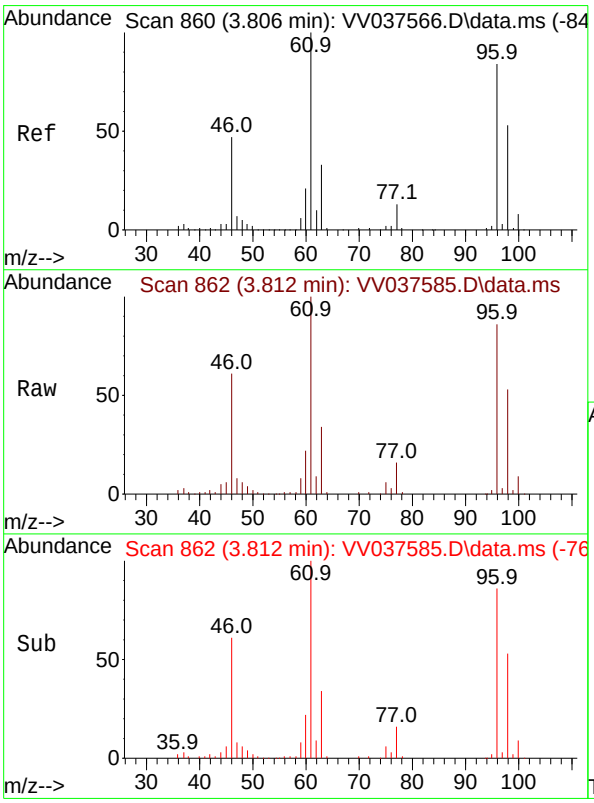
#19
1,1-Dichloroethane
Concen: 101.374 ug/L
RT: 3.104 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 866132

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.4	41.6
83	13.9	9.5	17.7

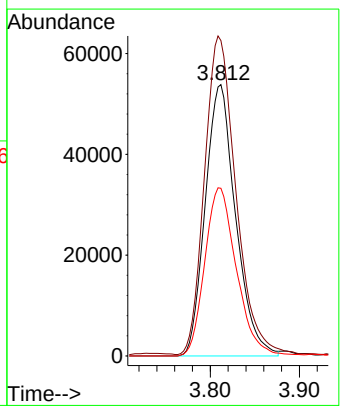


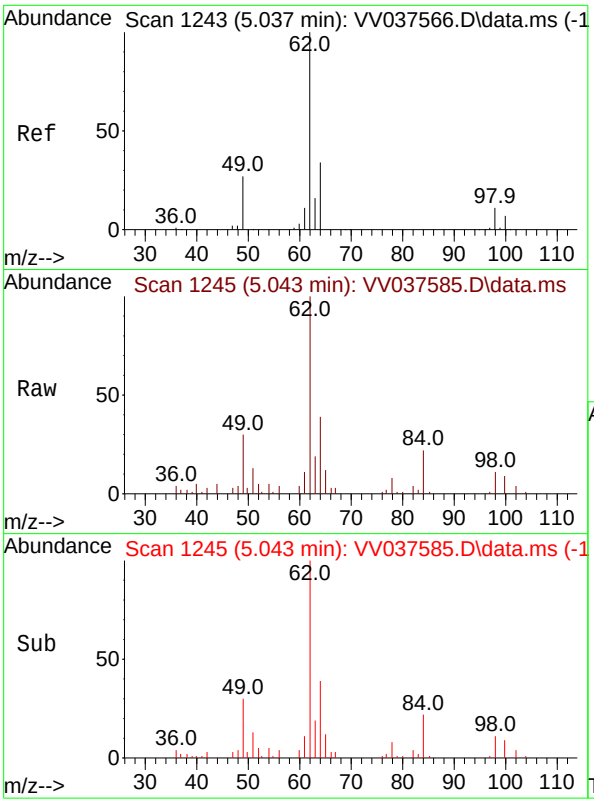


#20
cis-1,2-Dichloroethene
Concen: 25.606 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Tgt Ion: 96 Resp: 127782

Ion	Ratio	Lower	Upper
96	100		
61	116.2	85.0	157.8
98	61.8	44.2	82.0



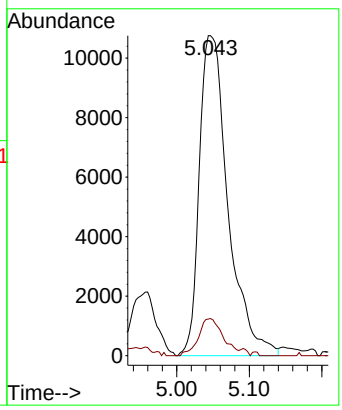


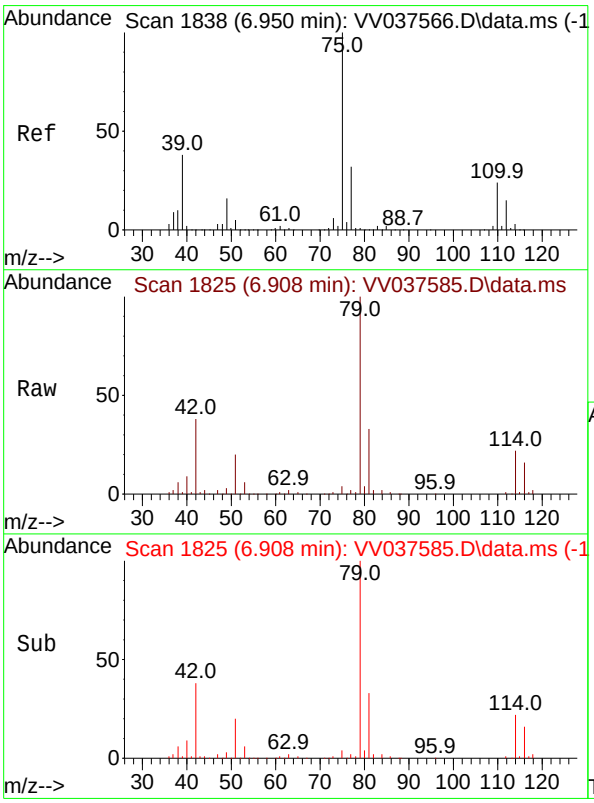
#27
1,2-Dichloroethane
Concen: 4.743 ug/L
RT: 5.043 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 29620

Ion	Ratio	Lower	Upper
62	100		
98	11.4	8.4	12.6

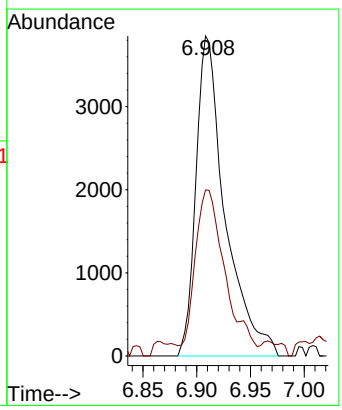


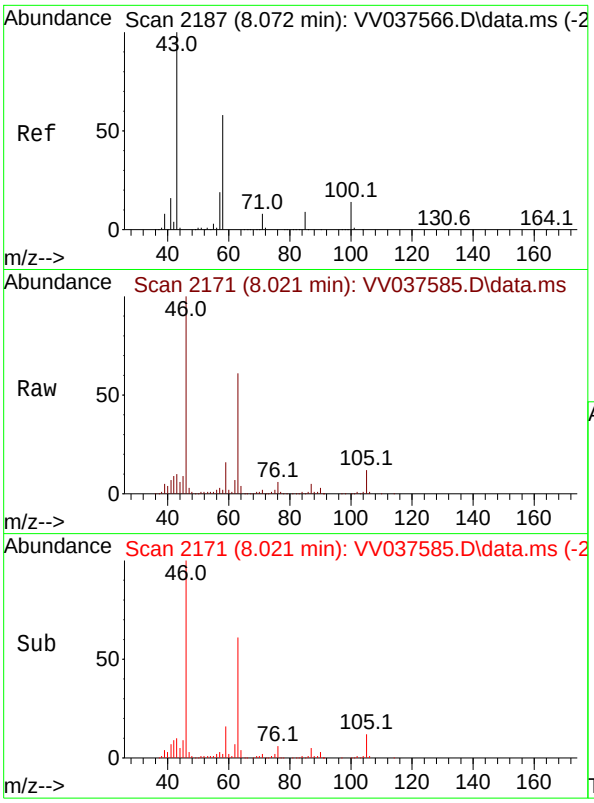


#39
cis-1,3-Dichloropropene
Concen: 0.937 ug/L
RT: 6.908 min Scan# 1825
Delta R.T. -0.042 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Tgt Ion: 75 Resp: 7241

Ion	Ratio	Lower	Upper
75	100		
77	51.9	21.8	40.4#



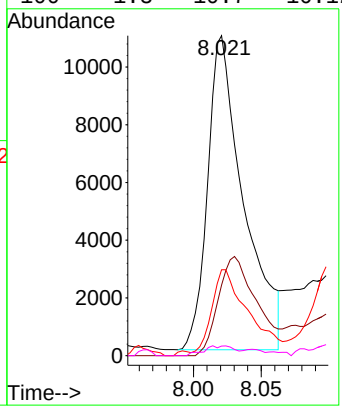


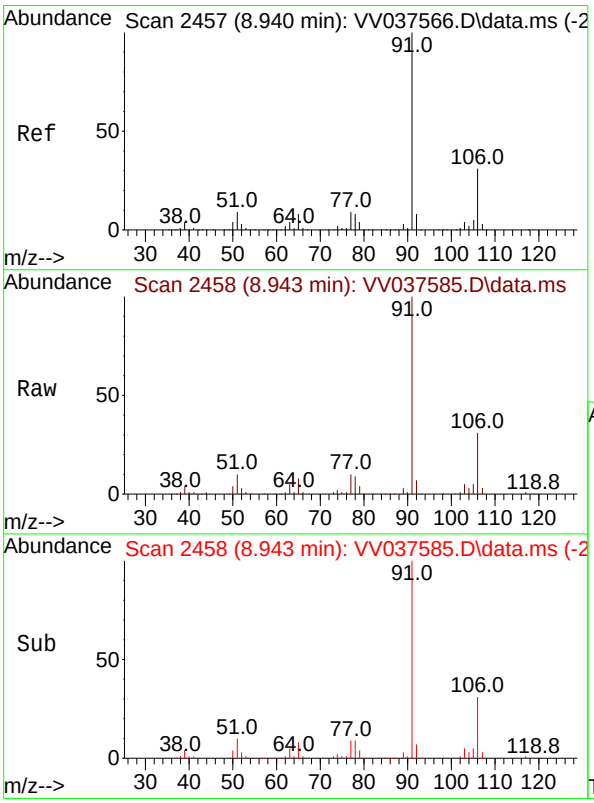
#48
2-Hexanone
Concen: 6.568 ug/L
RT: 8.021 min Scan# 2
Delta R.T. -0.052 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 20139

Ion	Ratio	Lower	Upper
43	100		
58	33.4	46.5	69.7#
57	28.2	15.1	22.7#
100	1.3	10.7	16.1#

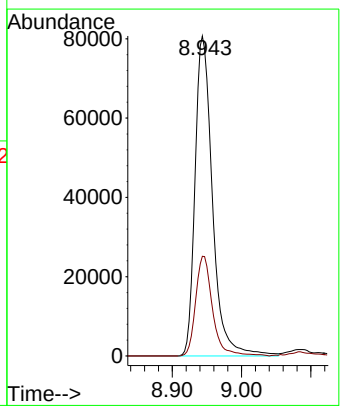


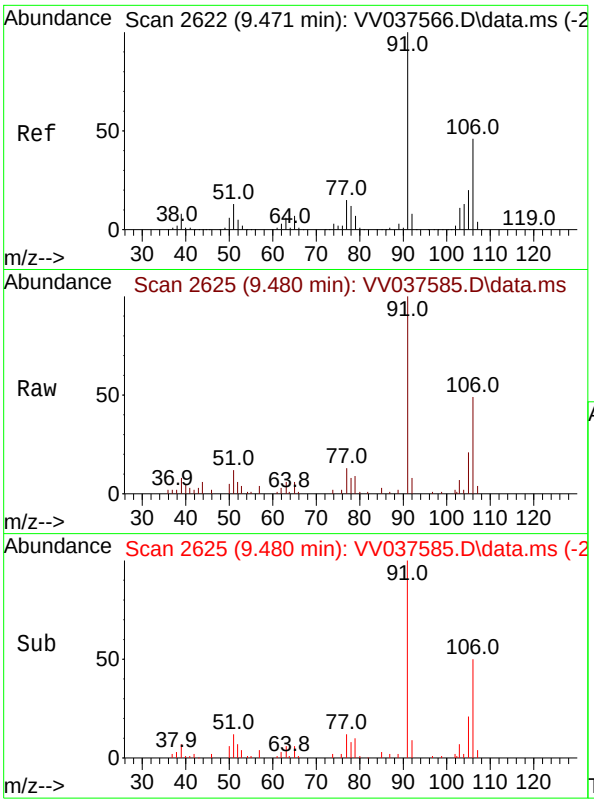


#52
Ethylbenzene
Concen: 6.464 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Tgt Ion: 91 Resp: 141471

Ion	Ratio	Lower	Upper
91	100		
106	31.1	21.9	40.7



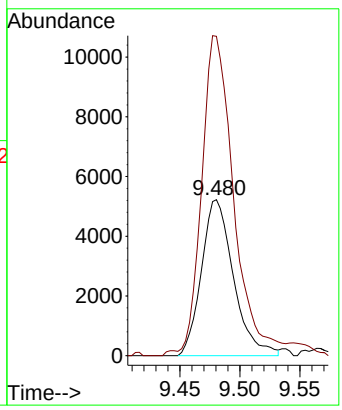


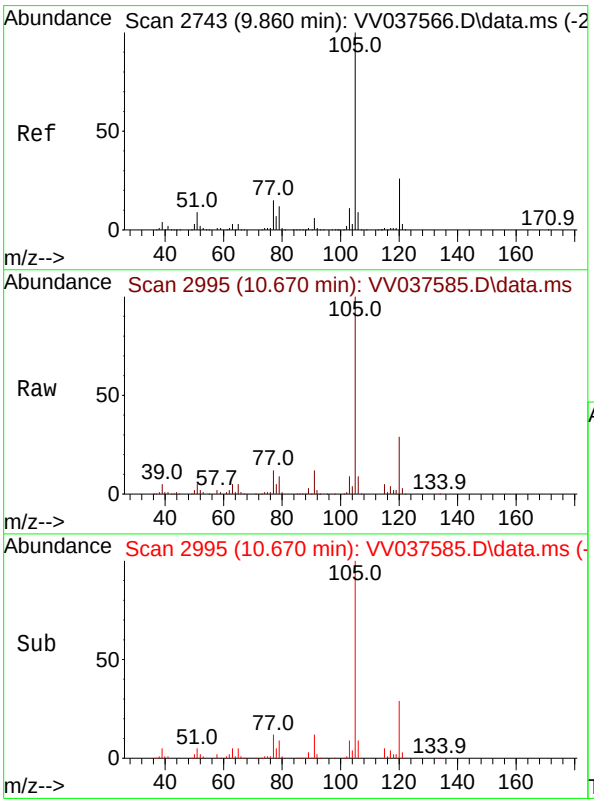
#54
o-Xylene
Concen: 1.222 ug/L
RT: 9.480 min Scan# 2
Delta R.T. 0.009 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 9720

Ion	Ratio	Lower	Upper
106	100		
91	204.7	153.9	285.9

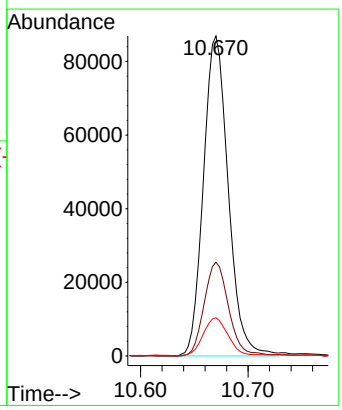


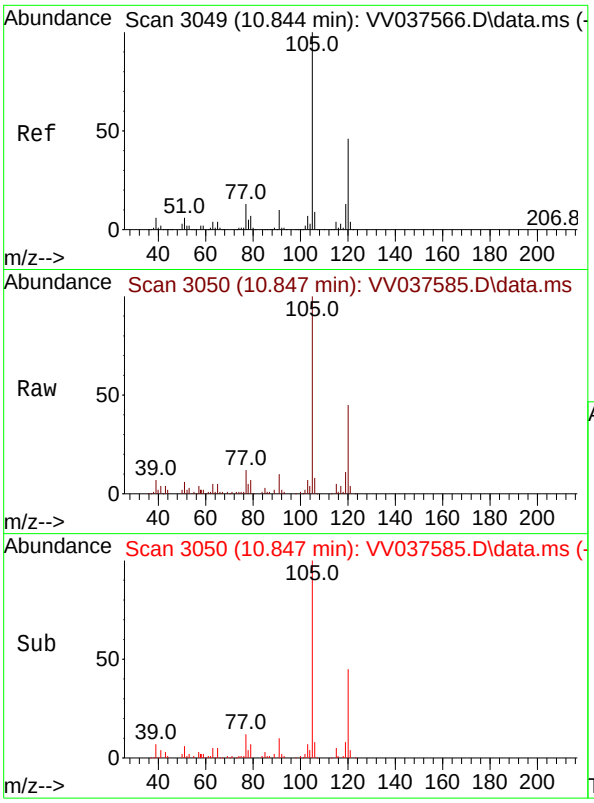


#60
Isopropylbenzene
Concen: 6.873 ug/L
RT: 10.670 min Scan# 2995
Delta R.T. 0.810 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Tgt Ion:105 Resp: 139464

Ion	Ratio	Lower	Upper
105	100		
120	28.8	20.7	31.1
77	12.2	12.2	18.2



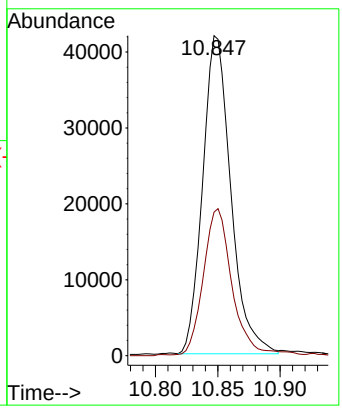


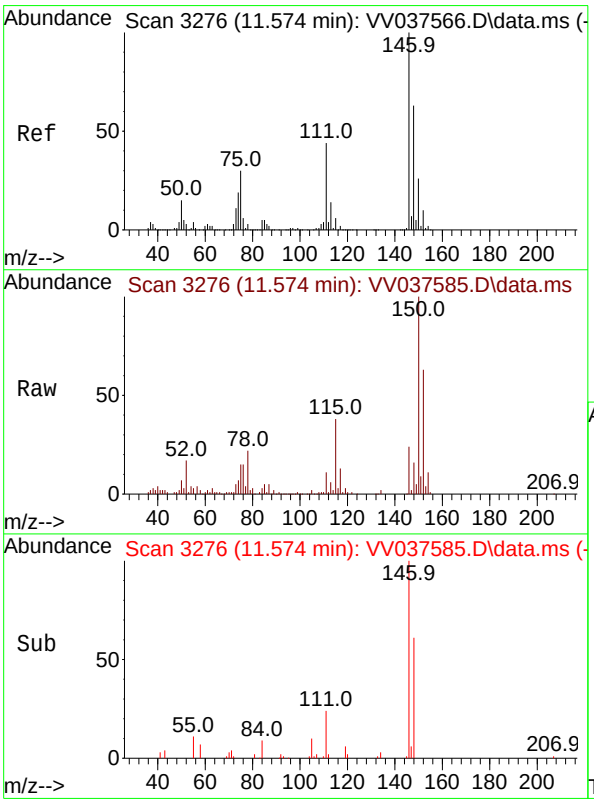
#63
1,2,4-Trimethylbenzene
Concen: 4.129 ug/L
RT: 10.847 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 65908

Ion	Ratio	Lower	Upper
105	100		
120	47.6	36.2	54.2

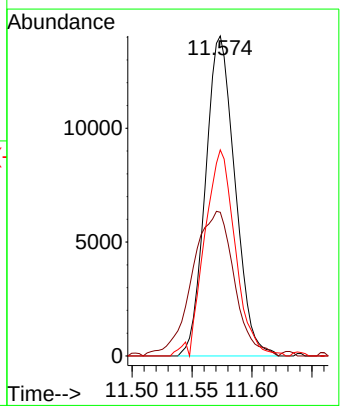


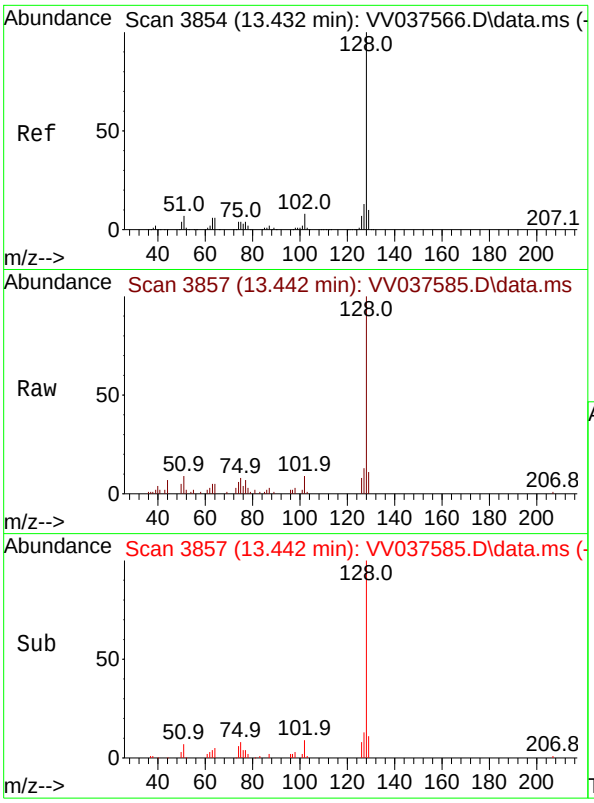


#67
1,2-Dichlorobenzene
Concen: 2.493 ug/L
RT: 11.574 min Scan# 3276
Delta R.T. -0.000 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Tgt Ion:146 Resp: 24070

Ion	Ratio	Lower	Upper
146	100		
111	44.9	34.2	51.2
148	64.4	50.9	76.3





#71
Naphthalene
Concen: 1.390 ug/L
RT: 13.442 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 22632

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.1	8.5	12.7