Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120922\
Data File : VV029577.D
Acq On : 10 Dec 2022 13:41
Operator : SY/MD
Sample : N5928-12 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 71 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ73

Quant Time: Dec 12 00:06:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 10 07:45:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	511165	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	470214	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	251069	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	125378	40.055	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.100%		
7) Chloroethane-d5	1.561	69	104326	43.709	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.420%		
11) 1,1-Dichloroethene-d2	2.105	63	165324	33.863	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.720%		
21) 2-Butanone-d5	3.870	46	180058	94.297	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.300%		
24) Chloroform-d	4.339	84	237621	40.341	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.680%		
26) 1,2-Dichloroethane-d4	5.024	65	142884	42.472	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.940%		
32) Benzene-d6	5.043	84	514576	41.416	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.840%		
36) 1,2-Dichloropropane-d6	6.063	67	156336	41.194	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.380%		
41) Toluene-d8	7.307	98	461334	39.407	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.820%#		
43) trans-1,3-Dichloroprop...	7.612	79	62322	32.520	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.040%		
47) 2-Hexanone-d5	8.082	63	143163	88.338	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.340%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	223695	41.247	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.500%		
66) 1,2-Dichlorobenzene-d4	11.612	152	189409	39.630	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.260%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	6999	1.822	ug/L #	69
8) Chloroethane	1.581	64	1805	0.844	ug/L	94
12) 1,1-Dichloroethene	2.118	96	10921	3.997	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	4453	1.414	ug/L	95
19) 1,1-Dichloroethane	3.182	63	308567	57.212	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	836350	241.590	ug/L	94
30) 1,1,1-Trichloroethane	4.600	97	356584	69.605	ug/L	99
42) Toluene	7.384	91	46319	3.247	ug/L	100
52) Ethylbenzene	9.008	91	21100	1.407	ug/L	98
53) m,p-Xylene	9.130	106	24159	4.070	ug/L	97
54) o-Xylene	9.535	106	16102	2.742	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	19158	1.470	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	81538	6.311	ug/L	98

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

Quantitation Report (QT/LSC Reviewed)

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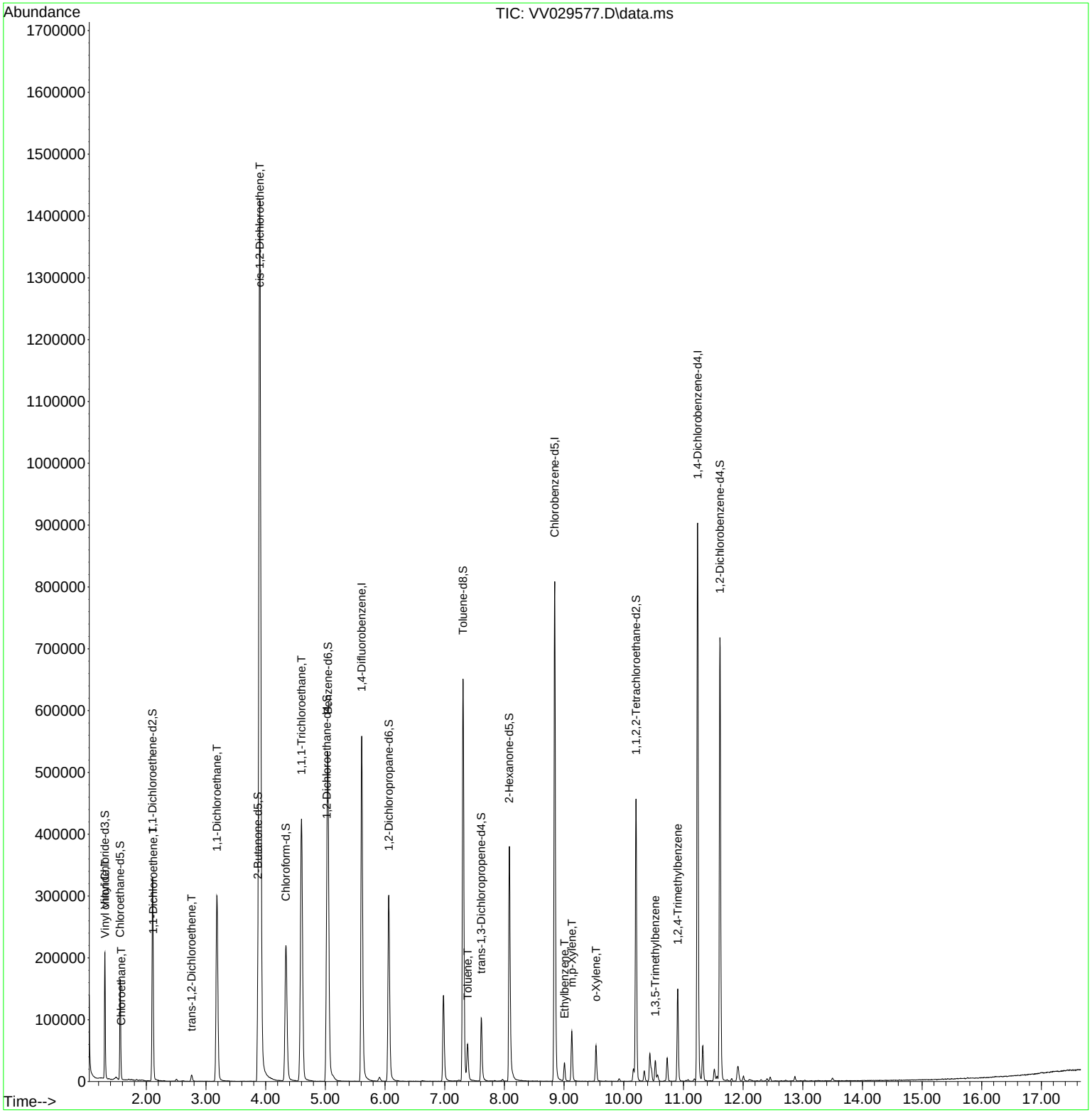
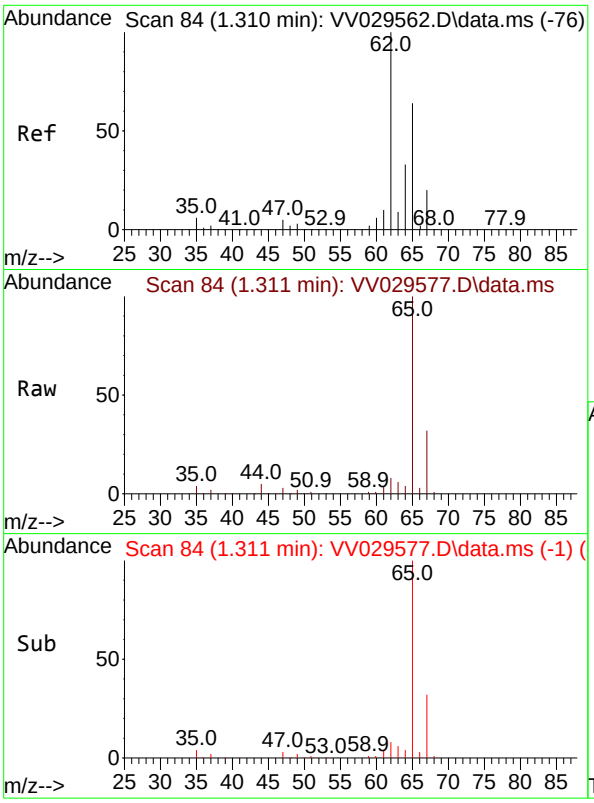
MSVOA_V
ClientSampleId :
EXZ73

Quant Time: Dec 12 00:06:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 10 07:45:47 2022
Response via : Initial Calibration



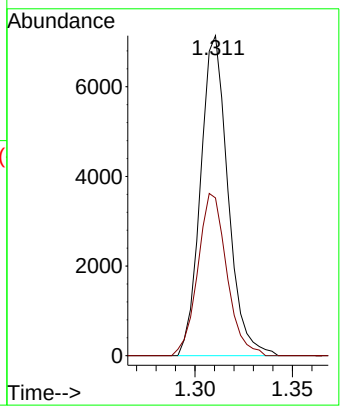


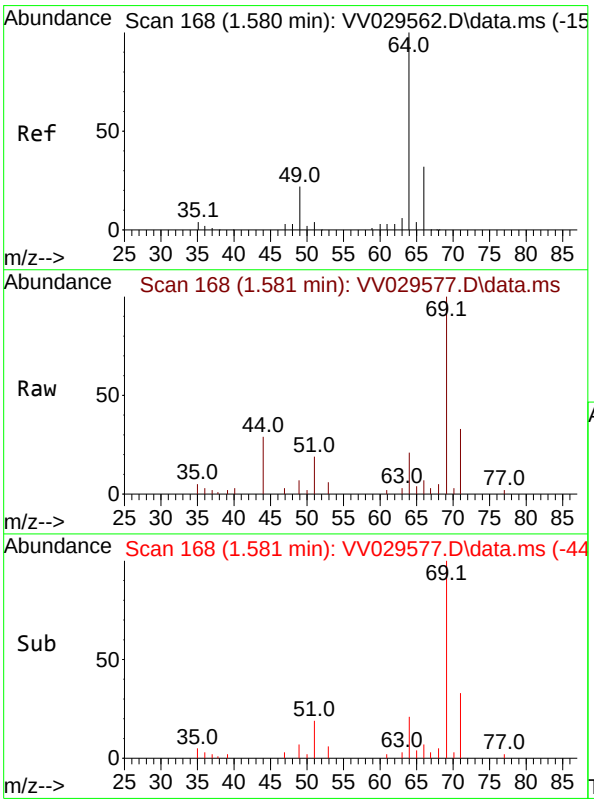
#5
Vinyl chloride
Concen: 1.822 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029577.D
Acq: 10 Dec 2022 13:41

Instrument :
MSVOA_V
ClientSampleId :
EXZ73

Tgt Ion: 62 Resp: 6999

Ion	Ratio	Lower	Upper
62	100		
64	49.3	22.5	41.9#

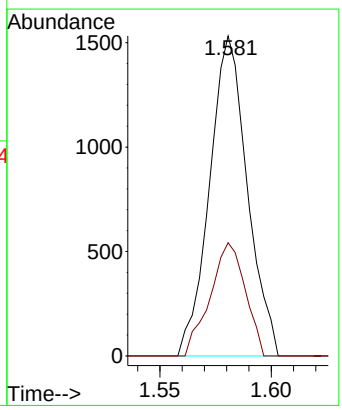


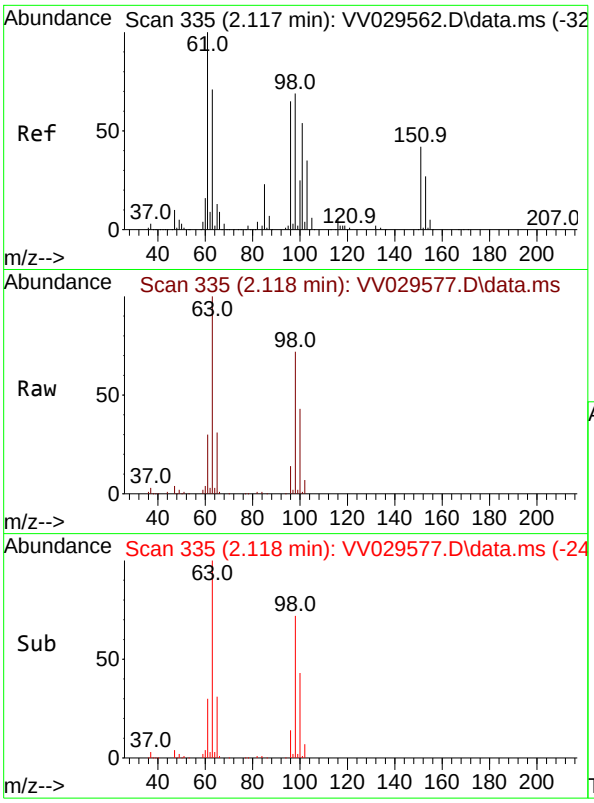


#8
Chloroethane
Concen: 0.844 ug/L
RT: 1.581 min Scan# 168
Delta R.T. 0.000 min
Lab File: VV029577.D
Acq: 10 Dec 2022 13:41

Tgt Ion: 64 Resp: 1805

Ion	Ratio	Lower	Upper
64	100		
66	35.4	22.5	41.9



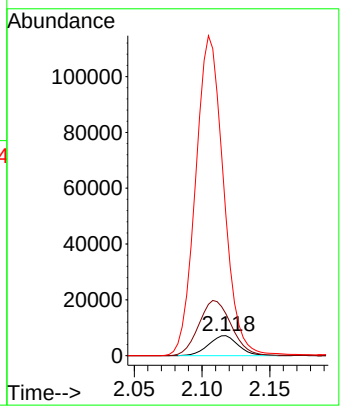


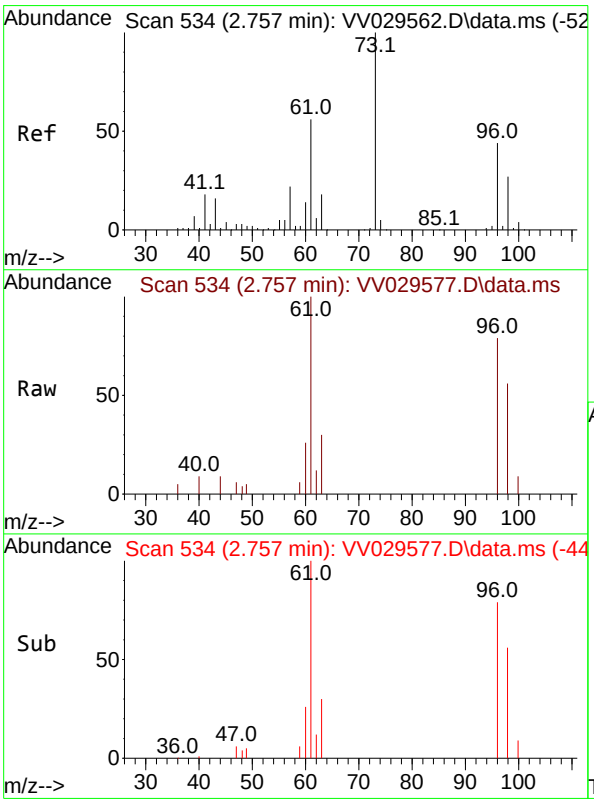
#12
1,1-Dichloroethene
Concen: 3.997 ug/L
RT: 2.118 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV029577.D
Acq: 10 Dec 2022 13:41

Instrument :
MSVOA_V
ClientSampleId :
EXZ73

Tgt Ion: 96 Resp: 10921

Ion	Ratio	Lower	Upper
96	100		
61	208.6	103.3	191.9#
63	699.5	77.3	143.7#

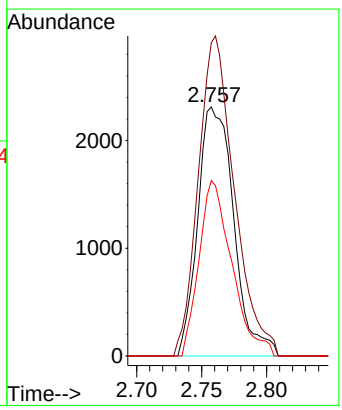


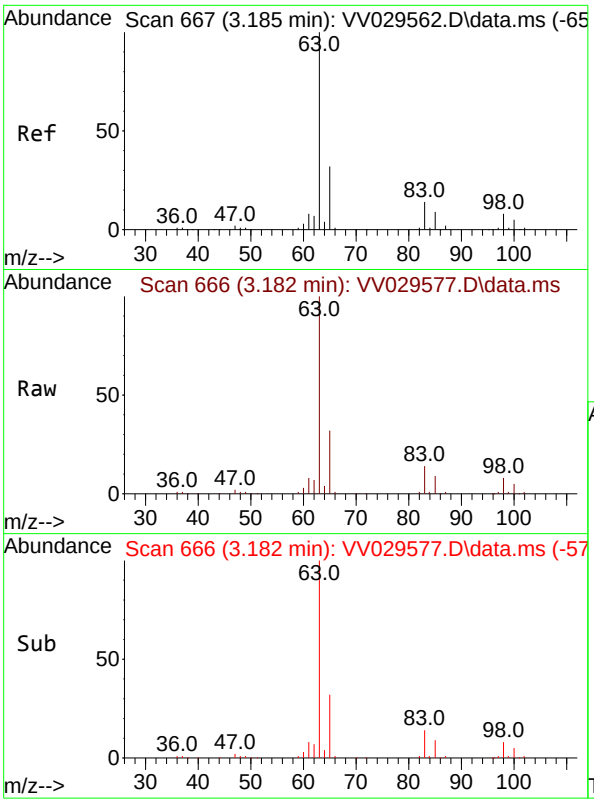


#17
trans-1,2-Dichloroethene
Concen: 1.414 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV029577.D
Acq: 10 Dec 2022 13:41

Tgt Ion: 96 Resp: 4453

Ion	Ratio	Lower	Upper
96	100		
61	125.8	86.4	160.4
98	70.4	43.4	80.6



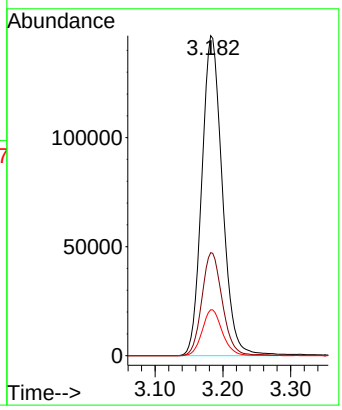


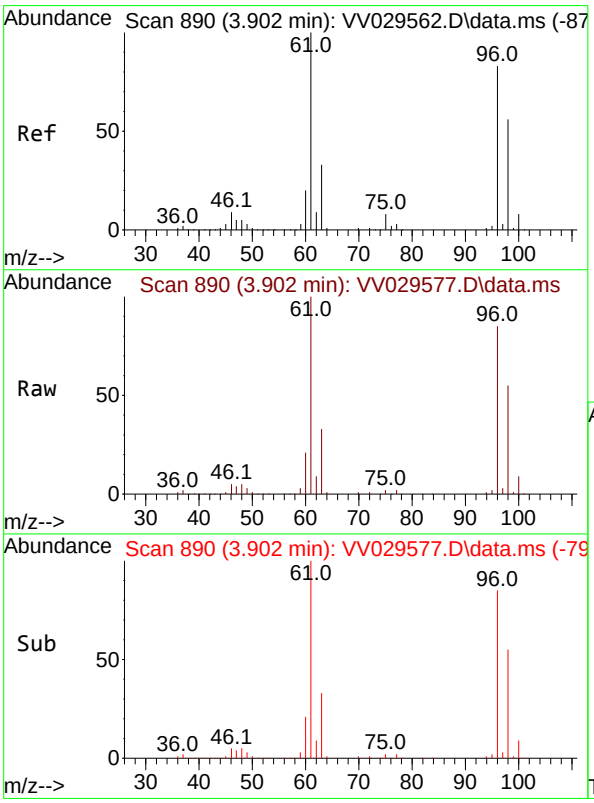
#19
1,1-Dichloroethane
Concen: 57.212 ug/L
RT: 3.182 min Scan# 6
Delta R.T. -0.003 min
Lab File: VV029577.D
Acq: 10 Dec 2022 13:41

Instrument :
MSVOA_V
ClientSampleId :
EXZ73

Tgt Ion: 63 Resp: 308567

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.5	41.7
83	14.3	10.4	19.2

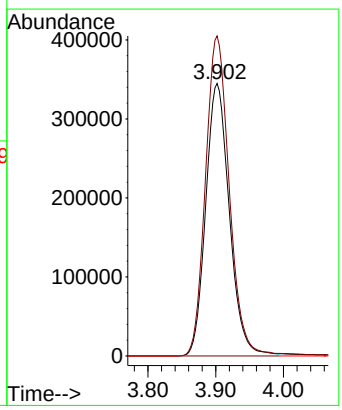


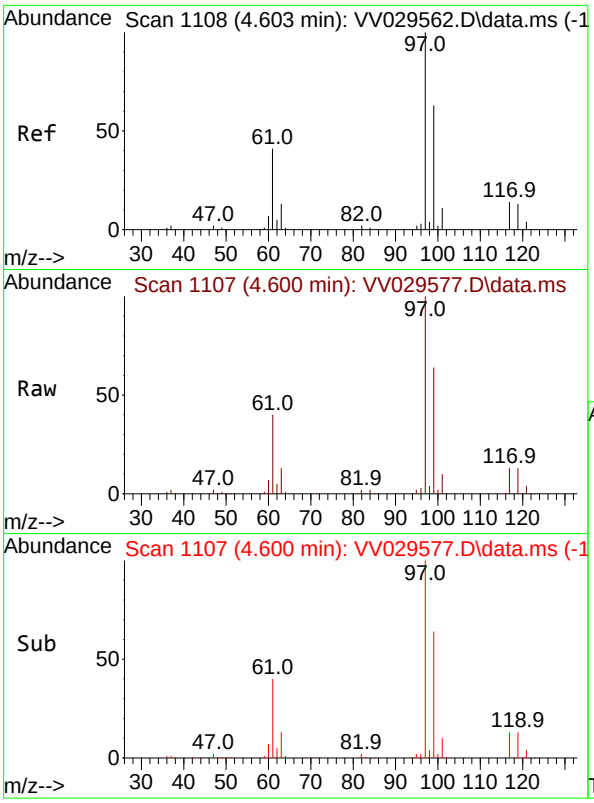


#20
cis-1,2-Dichloroethene
Concen: 241.590 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.000 min
Lab File: VV029577.D
Acq: 10 Dec 2022 13:41

Tgt Ion: 96 Resp: 836350

Ion	Ratio	Lower	Upper
96	100		
61	117.4	78.0	144.9
68	0.0	0.0	0.0



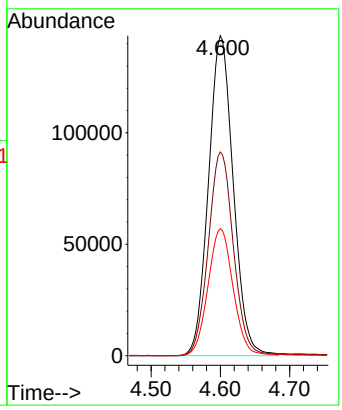


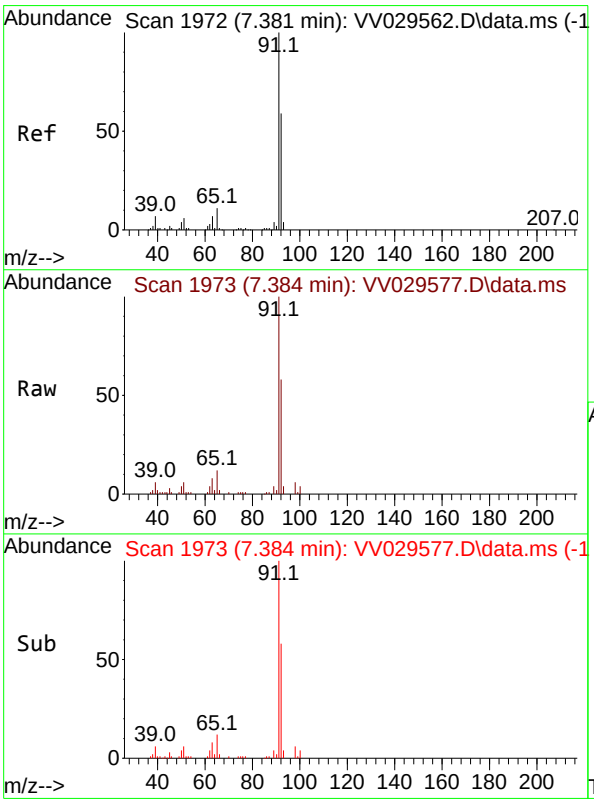
#30
1,1,1-Trichloroethane
Concen: 69.605 ug/L
RT: 4.600 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV029577.D
Acq: 10 Dec 2022 13:41

Instrument :
MSVOA_V
ClientSampleId :
EXZ73

Tgt Ion: 97 Resp: 356584

Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.1	78.1
61	40.3	31.8	47.8

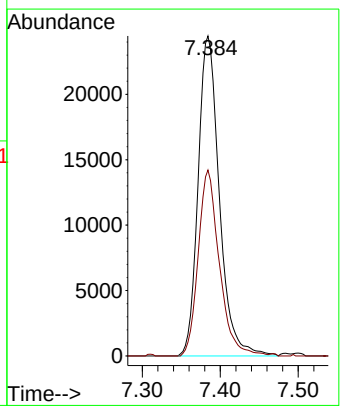


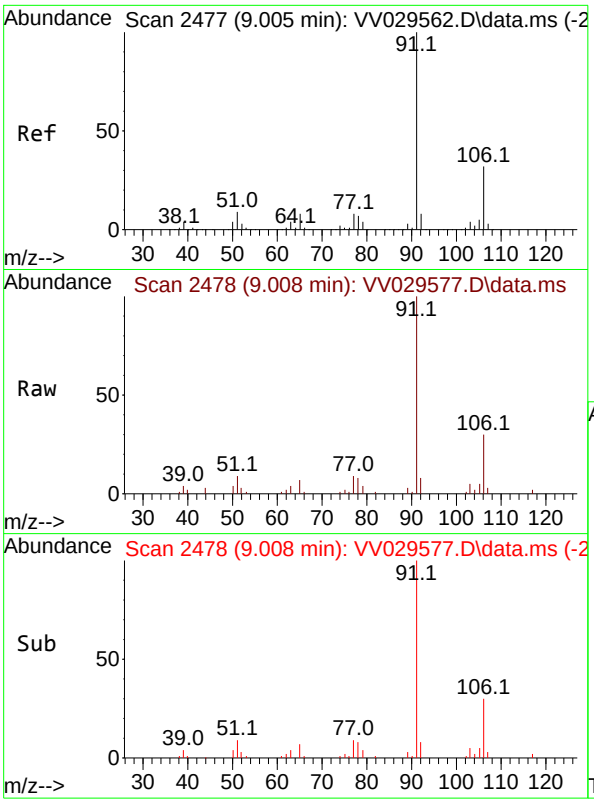


#42
Toluene
Concen: 3.247 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV029577.D
Acq: 10 Dec 2022 13:41

Tgt Ion: 91 Resp: 46319

Ion	Ratio	Lower	Upper
91	100		
92	58.1	40.6	75.4



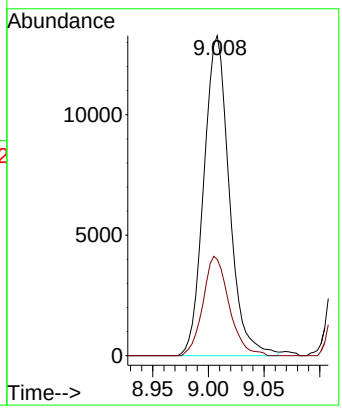


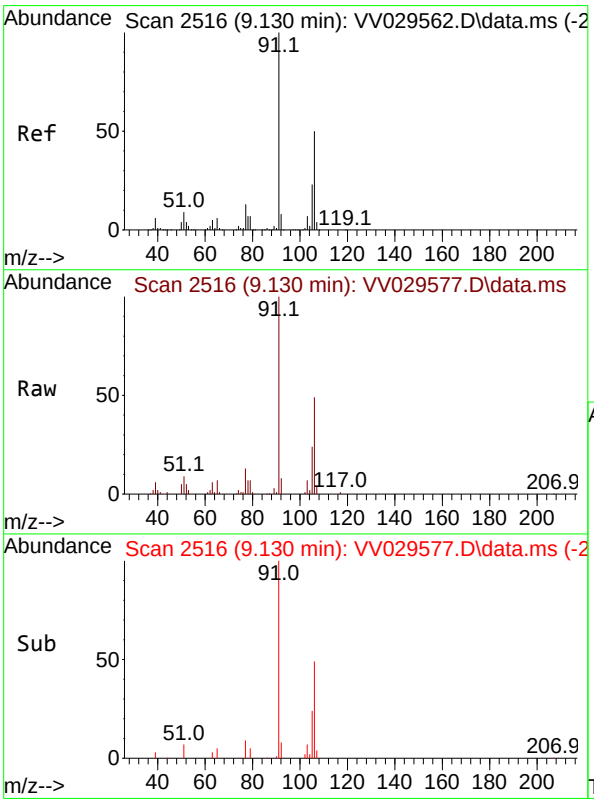
#52
Ethylbenzene
Concen: 1.407 ug/L
RT: 9.008 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV029577.D
Acq: 10 Dec 2022 13:41

Instrument :
MSVOA_V
ClientSampleId :
EXZ73

Tgt Ion: 91 Resp: 21100

Ion	Ratio	Lower	Upper
91	100		
106	30.1	21.8	40.6

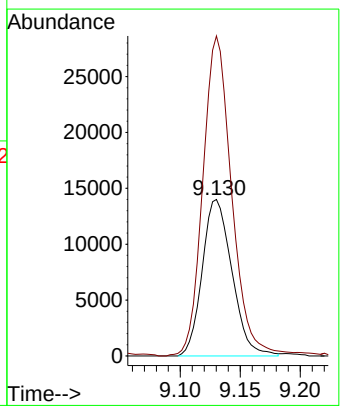


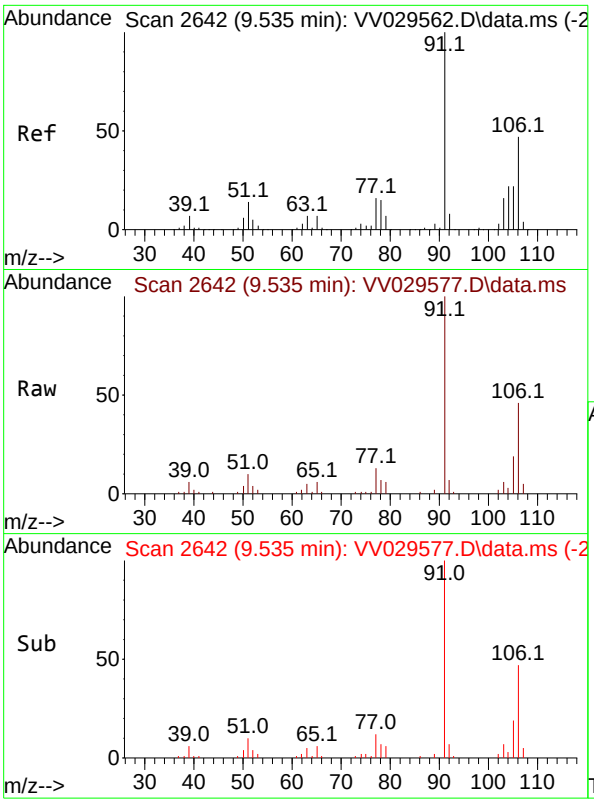


#53
m,p-Xylene
Concen: 4.070 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VV029577.D
Acq: 10 Dec 2022 13:41

Tgt Ion:106 Resp: 24159

Ion	Ratio	Lower	Upper
106	100		
91	204.6	139.5	259.1



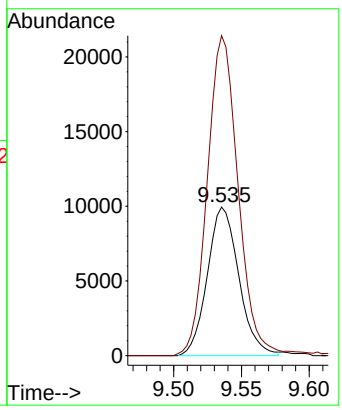


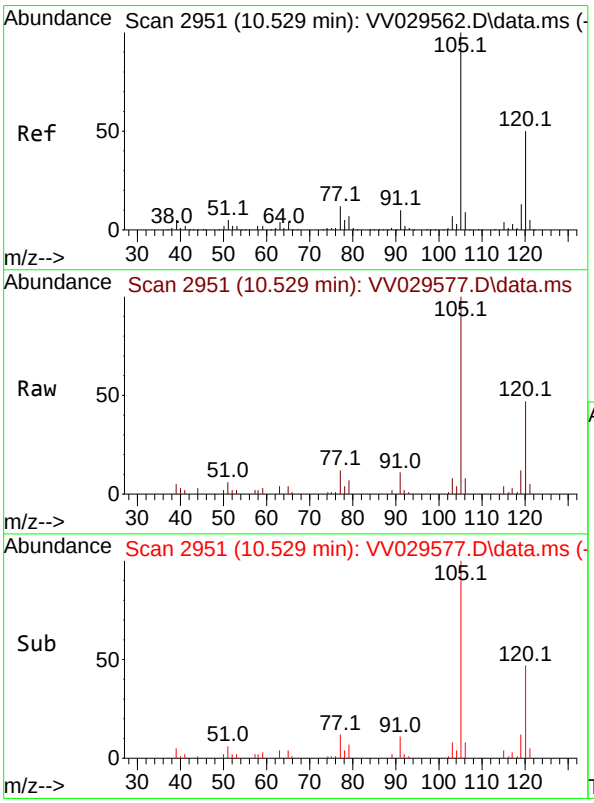
#54
o-Xylene
Concen: 2.742 ug/L
RT: 9.535 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV029577.D
Acq: 10 Dec 2022 13:41

Instrument :
MSVOA_V
ClientSampleId :
EXZ73

Tgt Ion:106 Resp: 16102

Ion	Ratio	Lower	Upper
106	100		
91	215.3	148.0	274.8

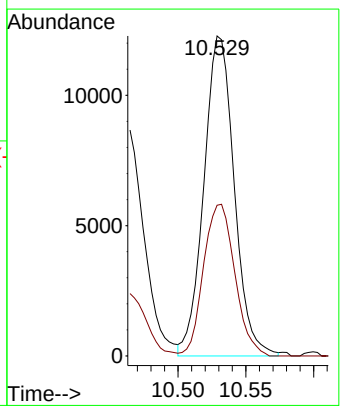


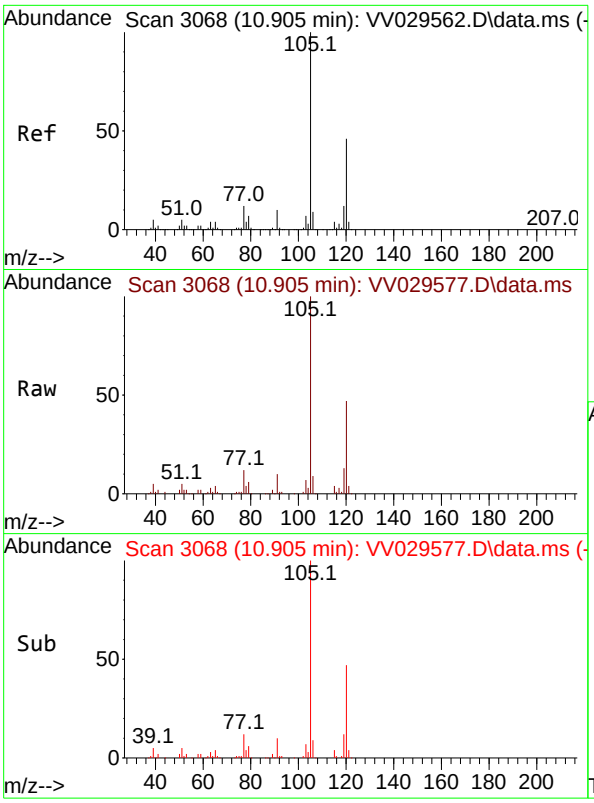


#62
1,3,5-Trimethylbenzene
Concen: 1.470 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VV029577.D
Acq: 10 Dec 2022 13:41

Tgt Ion:105 Resp: 19158

Ion	Ratio	Lower	Upper
105	100		
120	48.8	40.0	60.0





#63
1,2,4-Trimethylbenzene
Concen: 6.311 ug/L
RT: 10.905 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV029577.D
Acq: 10 Dec 2022 13:41

Instrument :
MSVOA_V
ClientSampleId :
EXZ73

Tgt Ion:105 Resp: 81538

Ion	Ratio	Lower	Upper
105	100		
120	47.2	36.7	55.1