Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121322\
Data File : VV029652.D
Acq On : 13 Dec 2022 15:37
Operator : SY/MD
Sample : N5928-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : EXZ78

Quant Time: Dec 13 22:52:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 13 22:49:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	511361	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	477209	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	265050	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	133847	42.744	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.480%		
7) Chloroethane-d5	1.565	69	108804	45.567	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.140%		
11) 1,1-Dichloroethene-d2	2.105	63	180472	36.951	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.900%		
21) 2-Butanone-d5	3.867	46	158178	82.806	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.810%		
24) Chloroform-d	4.339	84	237629	40.326	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.660%		
26) 1,2-Dichloroethane-d4	5.024	65	142436	42.323	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.640%		
32) Benzene-d6	5.043	84	517019	41.002	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.000%		
36) 1,2-Dichloropropane-d6	6.063	67	160338	41.629	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.260%		
41) Toluene-d8	7.307	98	466174	39.237	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.480%#		
43) trans-1,3-Dichloroprop...	7.612	79	68337	35.136	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.280%		
47) 2-Hexanone-d5	8.082	63	135733	82.526	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.530%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	224431	40.776	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.560%		
66) 1,2-Dichlorobenzene-d4	11.612	152	200200	39.679	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.360%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	246175	64.070	ug/L	99
8) Chloroethane	1.581	64	843870	394.422	ug/L	98
12) 1,1-Dichloroethene	2.114	96	16234	5.939	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	21543	6.840	ug/L	96
19) 1,1-Dichloroethane	3.182	63	2111914	391.426	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	1058045	305.512	ug/L	94
27) 1,2-Dichloroethane	5.137	62	6895	1.745	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	795754	153.054	ug/L	98
34) Trichloroethene	5.912	95	16018	4.752	ug/L	94
42) Toluene	7.381	91	330920	22.857	ug/L	100
46) Tetrachloroethene	7.969	164	37905	13.987	ug/L	97
52) Ethylbenzene	9.005	91	101060	6.639	ug/L	98
53) m,p-Xylene	9.127	106	87945	14.598	ug/L	100
54) o-Xylene	9.535	106	54757	9.189	ug/L	97
60) Isopropylbenzene	9.921	105	16303	1.048	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	43445	3.158	ug/L	98
63) 1,2,4-Trimethylbenzene	10.902	105	239999	17.597	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	11860	1.524	ug/L	97

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121322\
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Acq On : 13 Dec 2022 15:37
Operator : SY/MD
Sample : N5928-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ78

Quant Time: Dec 13 22:52:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 13 22:49:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121322\
Data File : VV029652.D
Acq On : 13 Dec 2022 15:37
Operator : SY/MD
Sample : N5928-17
Misc : 5.0mL/MSVOA_V/WATER
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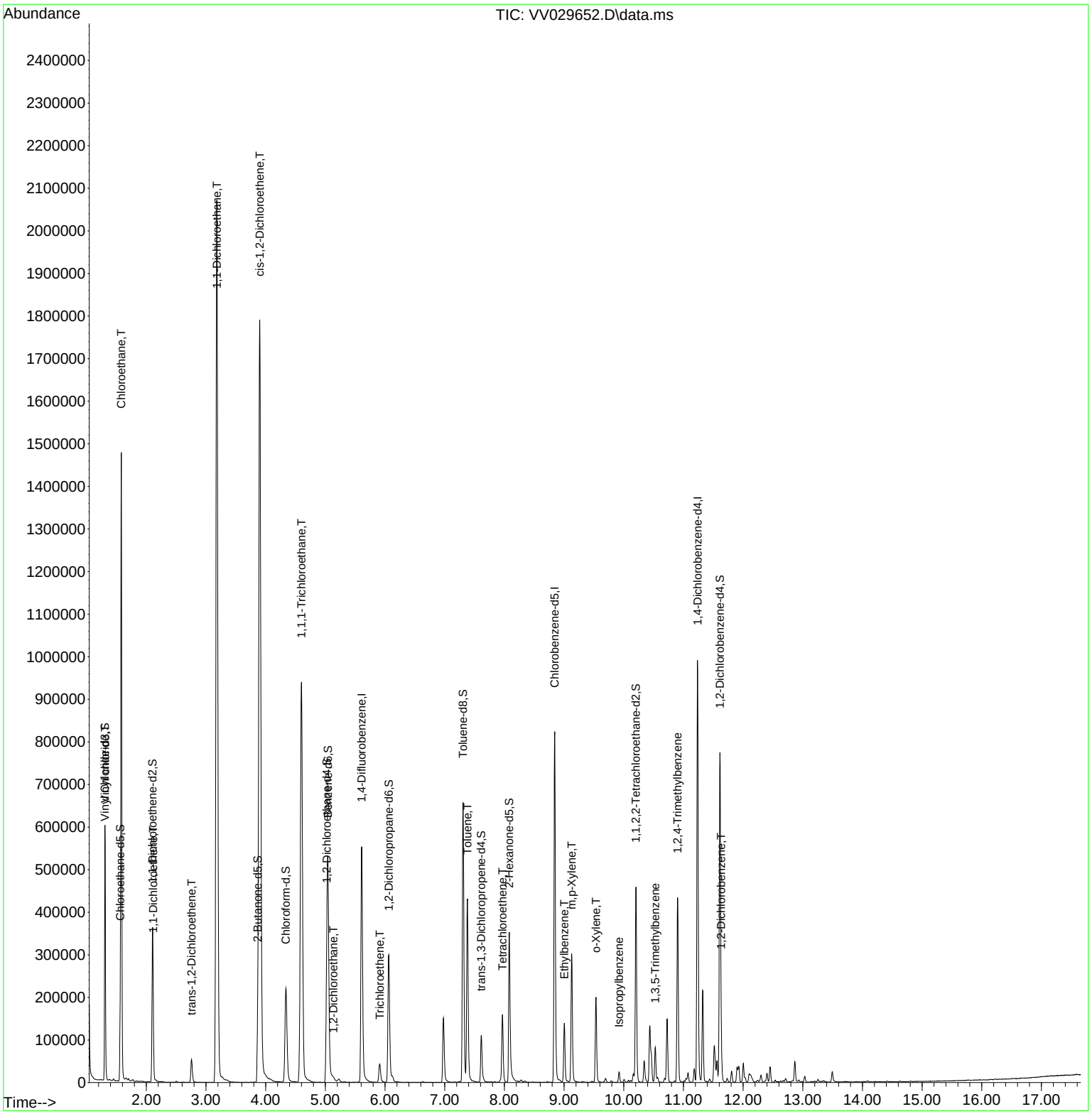
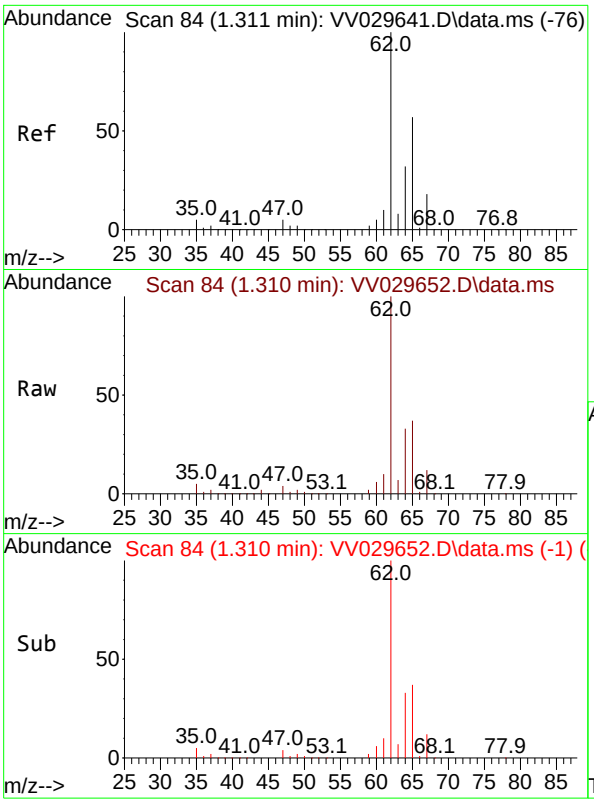
Instrument :
MSVOA_V
ClientSampleId :
EXZ78

Quant Time: Dec 13 22:52:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 13 22:49:59 2022
Response via : Initial Calibration



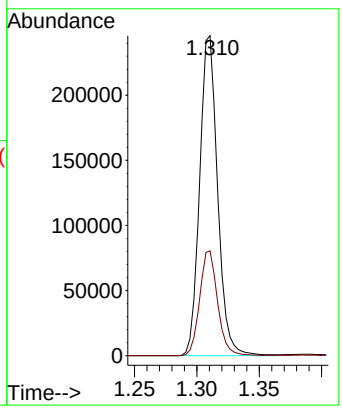


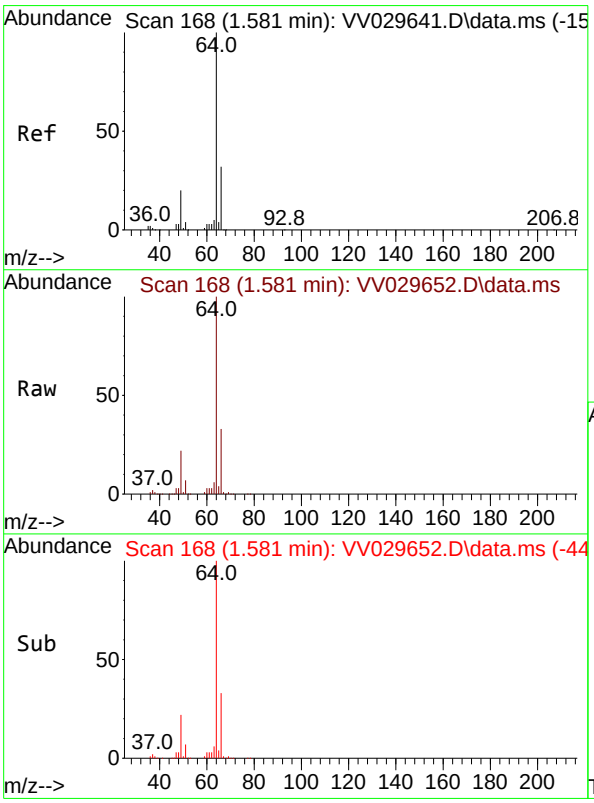
#5
Vinyl chloride
Concen: 64.070 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029652.D
Acq: 13 Dec 2022 15:37

Instrument :
MSVOA_V
ClientSampleId :
EXZ78

Tgt Ion: 62 Resp: 246175

Ion	Ratio	Lower	Upper
62	100		
64	32.8	22.5	41.9

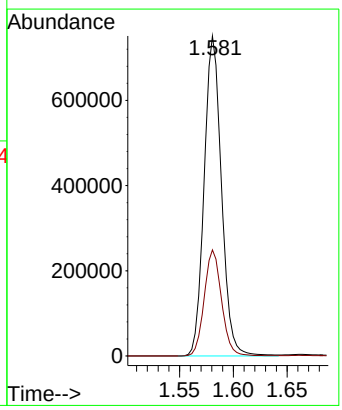


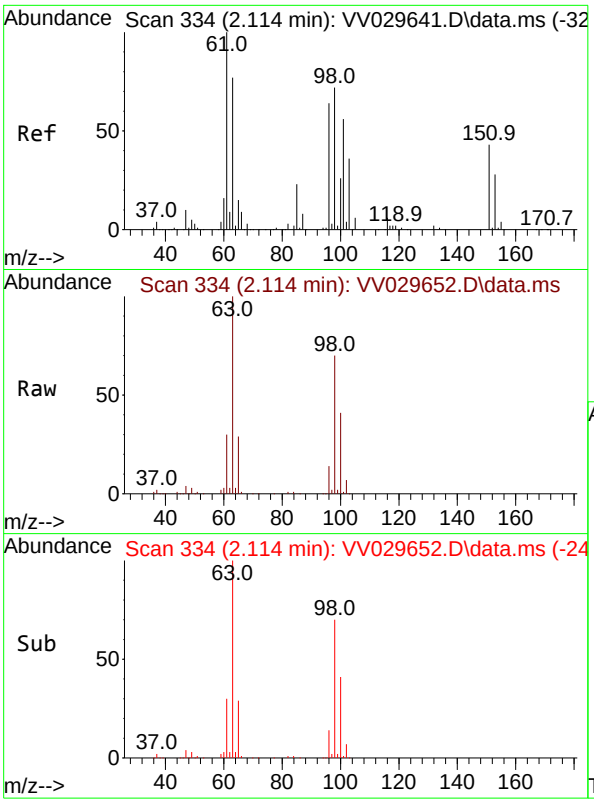


#8
Chloroethane
Concen: 394.422 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV029652.D
Acq: 13 Dec 2022 15:37

Tgt Ion: 64 Resp: 843870

Ion	Ratio	Lower	Upper
64	100		
66	33.2	22.5	41.9



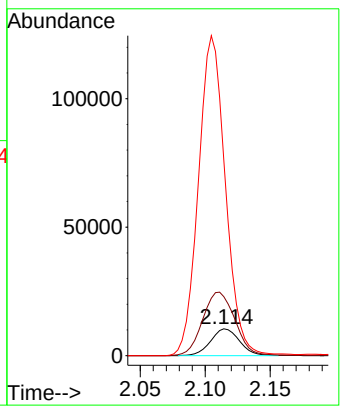


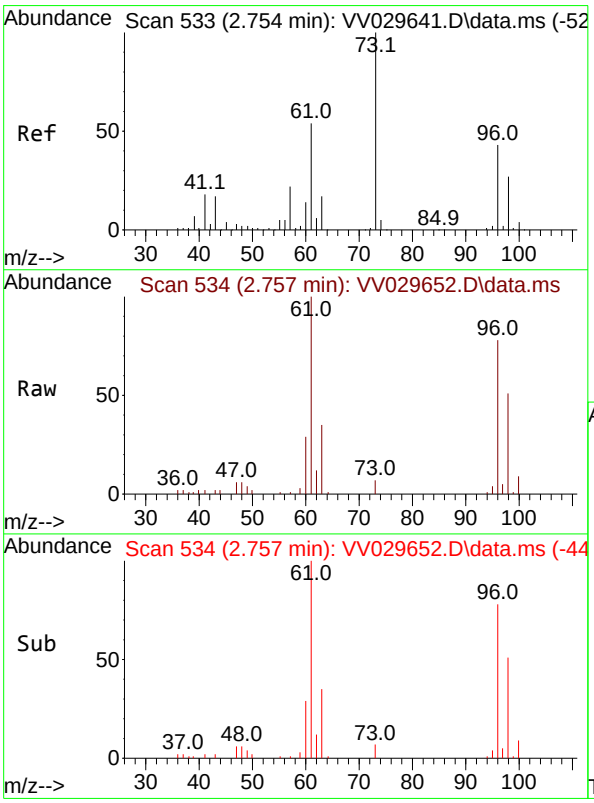
#12
1,1-Dichloroethene
Concen: 5.939 ug/L
RT: 2.114 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV029652.D
Acq: 13 Dec 2022 15:37

Instrument :
MSVOA_V
ClientSampleId :
EXZ78

Tgt Ion: 96 Resp: 16234

Ion	Ratio	Lower	Upper
96	100		
61	219.4	103.3	191.9#
63	727.3	77.3	143.7#

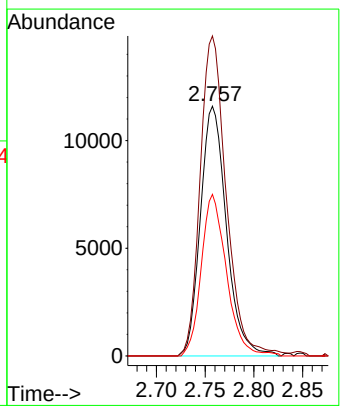


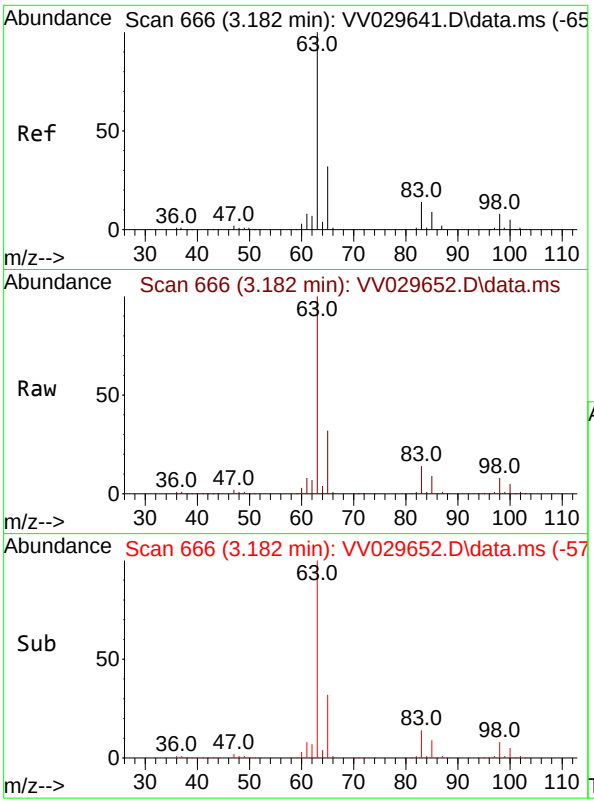


#17
trans-1,2-Dichloroethene
Concen: 6.840 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV029652.D
Acq: 13 Dec 2022 15:37

Tgt Ion: 96 Resp: 21543

Ion	Ratio	Lower	Upper
96	100		
61	128.1	86.4	160.4
98	64.7	43.4	80.6



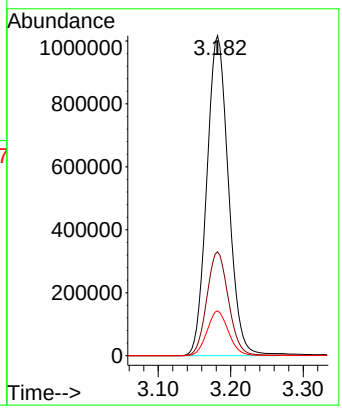


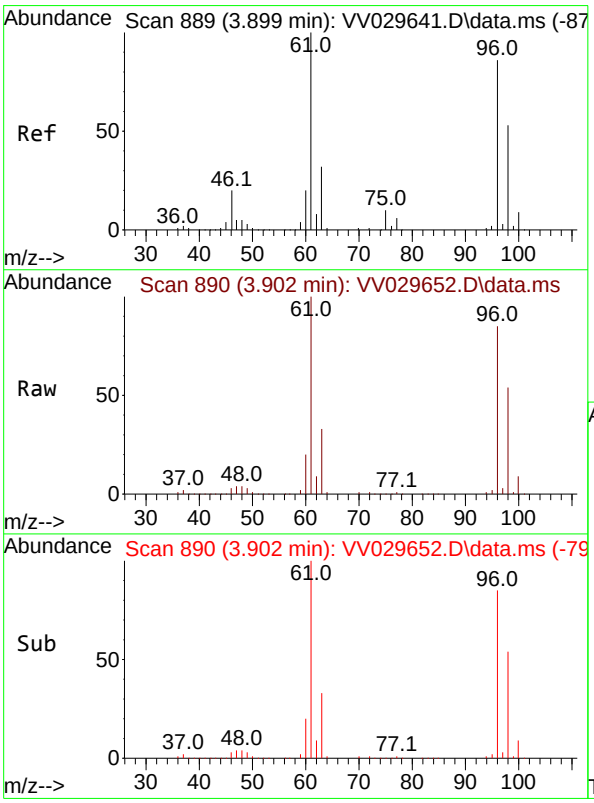
#19
1,1-Dichloroethane
Concen: 391.426 ug/L
RT: 3.182 min Scan# 6
Delta R.T. -0.000 min
Lab File: VV029652.D
Acq: 13 Dec 2022 15:37

Instrument :
MSVOA_V
ClientSampleId :
EXZ78

Tgt Ion: 63 Resp: 2111914

Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.5	41.7
83	14.0	10.4	19.2

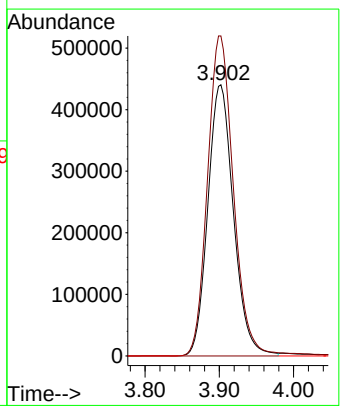


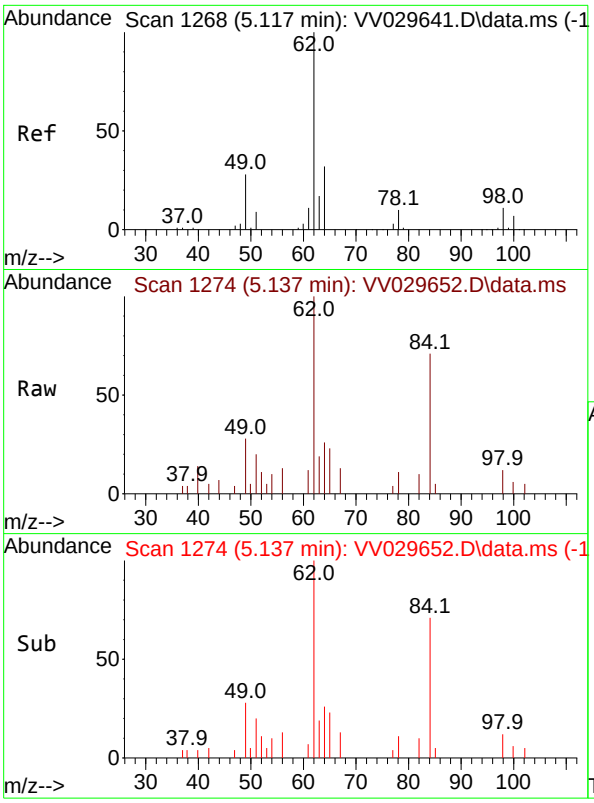


#20
cis-1,2-Dichloroethene
Concen: 305.512 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV029652.D
Acq: 13 Dec 2022 15:37

Tgt Ion: 96 Resp: 1058045

Ion	Ratio	Lower	Upper
96	100		
61	118.0	78.0	144.9
68	0.0	0.0	0.0



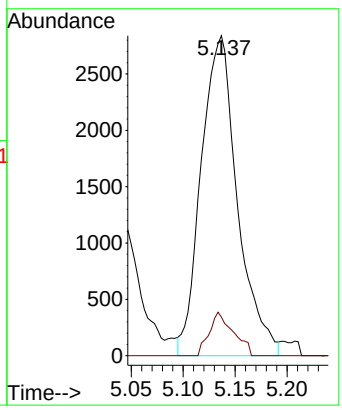


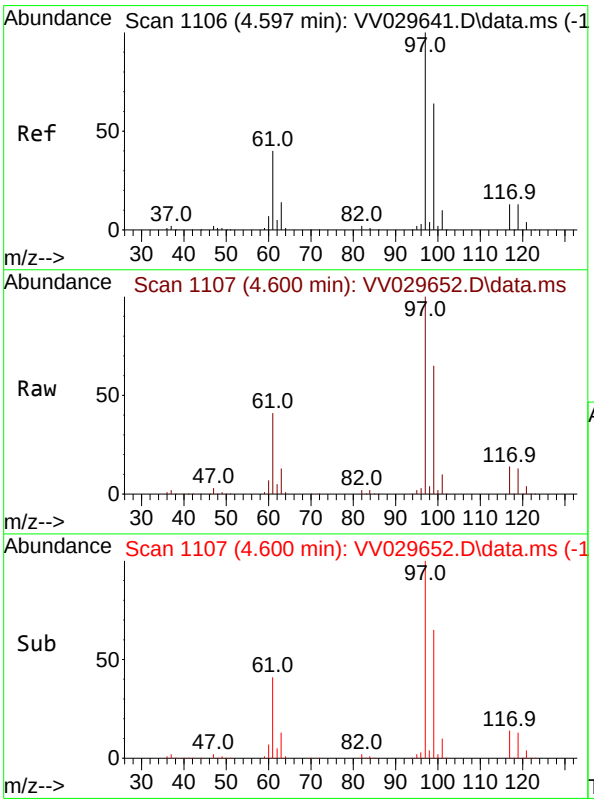
#27
1,2-Dichloroethane
Concen: 1.745 ug/L
RT: 5.137 min Scan# 1
Delta R.T. 0.019 min
Lab File: VV029652.D
Acq: 13 Dec 2022 15:37

Instrument :
MSVOA_V
ClientSampleId :
EXZ78

Tgt Ion: 62 Resp: 6895

Ion	Ratio	Lower	Upper
62	100		
98	12.0	9.4	14.0

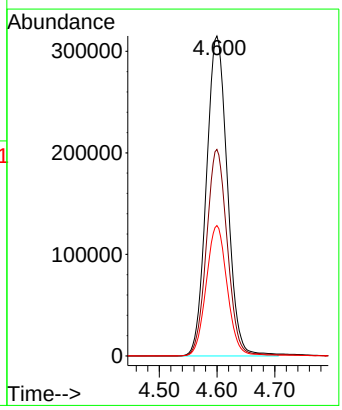


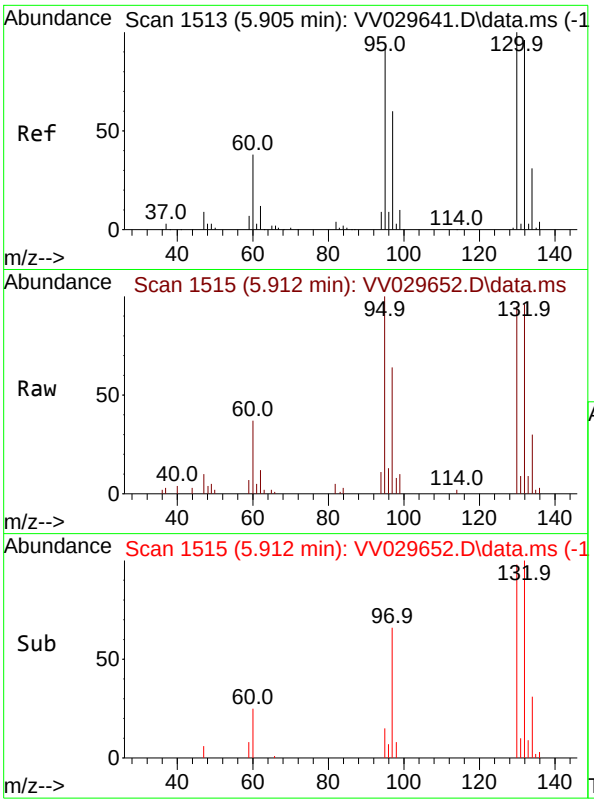


#30
1,1,1-Trichloroethane
Concen: 153.054 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV029652.D
Acq: 13 Dec 2022 15:37

Tgt Ion: 97 Resp: 795754

Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.1	78.1
61	40.7	31.8	47.8



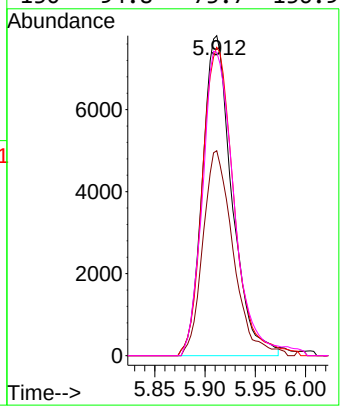


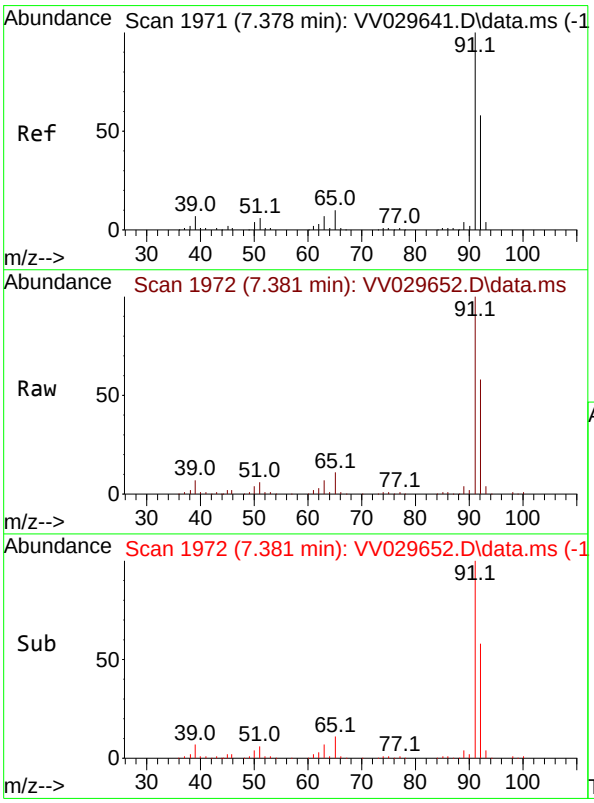
#34
Trichloroethene
Concen: 4.752 ug/L
RT: 5.912 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV029652.D
Acq: 13 Dec 2022 15:37

Instrument :
MSVOA_V
ClientSampleId :
EXZ78

Tgt Ion: 95 Resp: 16018

Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.0	81.8
132	96.4	69.9	129.9
130	94.8	73.7	136.9

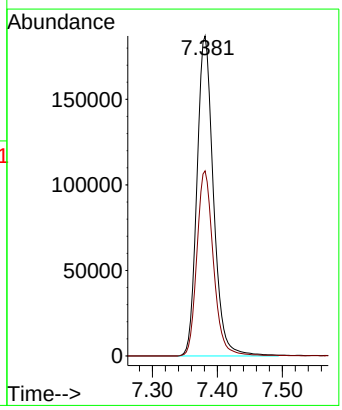


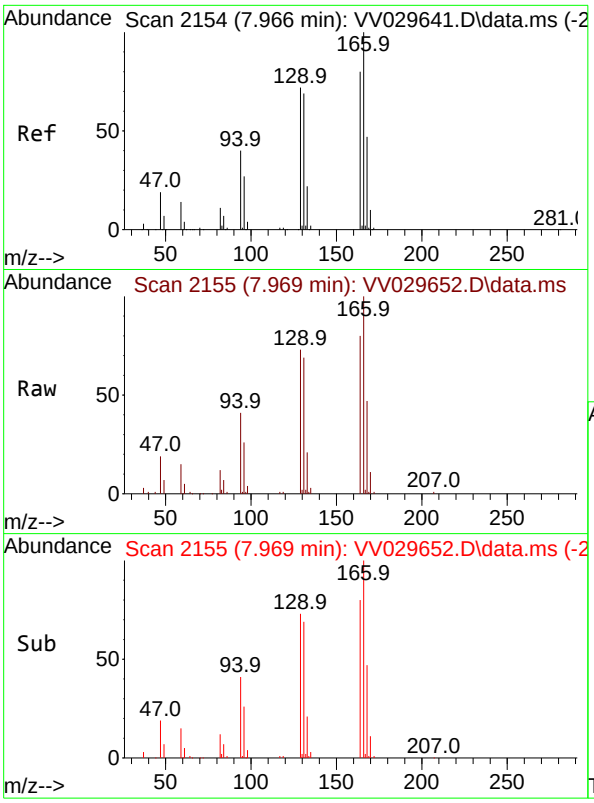


#42
Toluene
Concen: 22.857 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. 0.003 min
Lab File: VV029652.D
Acq: 13 Dec 2022 15:37

Tgt Ion: 91 Resp: 330920

Ion	Ratio	Lower	Upper
91	100		
92	57.9	40.6	75.4



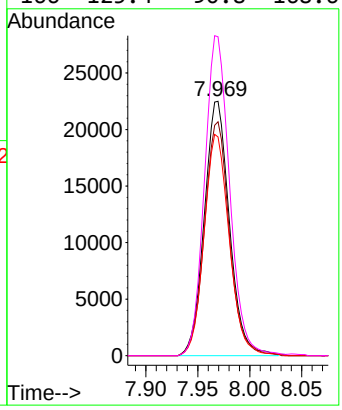


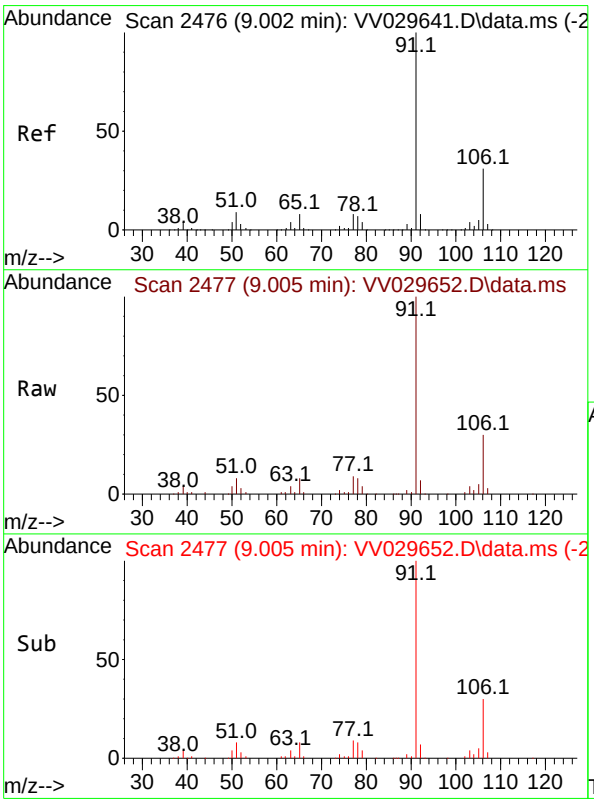
#46
Tetrachloroethene
Concen: 13.987 ug/L
RT: 7.969 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV029652.D
Acq: 13 Dec 2022 15:37

Instrument :
MSVOA_V
ClientSampleId :
EXZ78

Tgt Ion:164 Resp: 37905

Ion	Ratio	Lower	Upper
164	100		
129	92.0	65.3	121.3
131	86.0	63.1	117.1
166	125.4	90.8	168.6

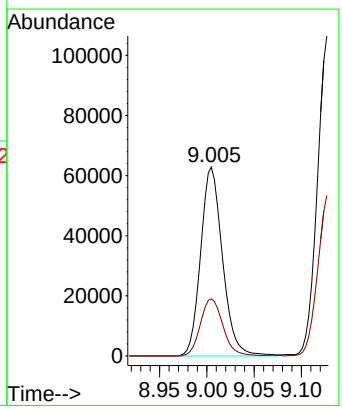


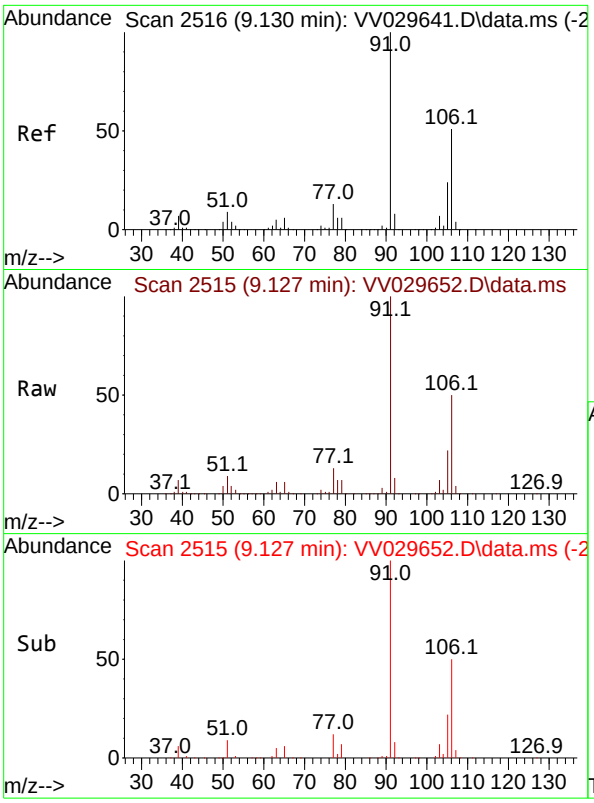


#52
Ethylbenzene
Concen: 6.639 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.003 min
Lab File: VV029652.D
Acq: 13 Dec 2022 15:37

Tgt Ion: 91 Resp: 101060

Ion	Ratio	Lower	Upper
91	100		
106	30.2	21.8	40.6



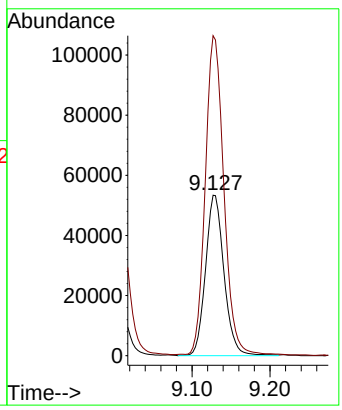


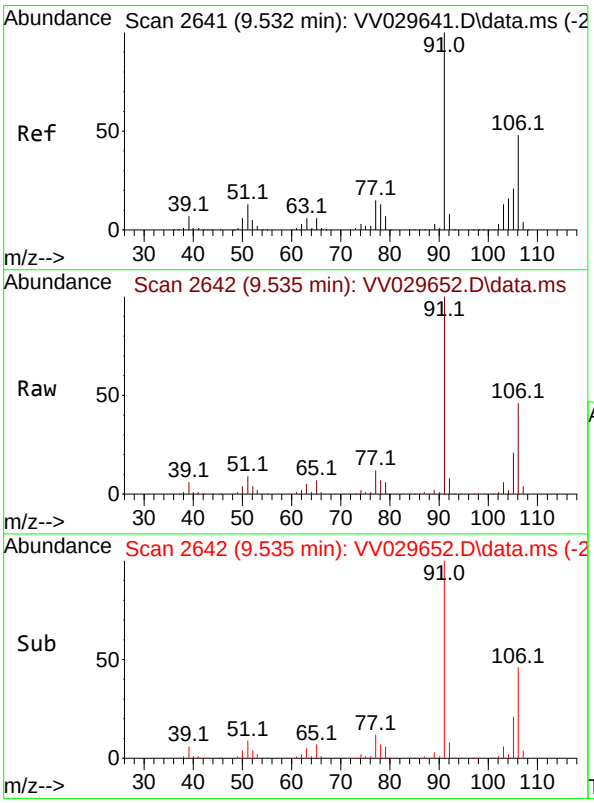
#53
m,p-Xylene
Concen: 14.598 ug/L
RT: 9.127 min Scan# 2
Delta R.T. -0.003 min
Lab File: VV029652.D
Acq: 13 Dec 2022 15:37

Instrument :
MSVOA_V
ClientSampleId :
EXZ78

Tgt Ion:106 Resp: 87945

Ion	Ratio	Lower	Upper
106	100		
91	199.3	139.5	259.1

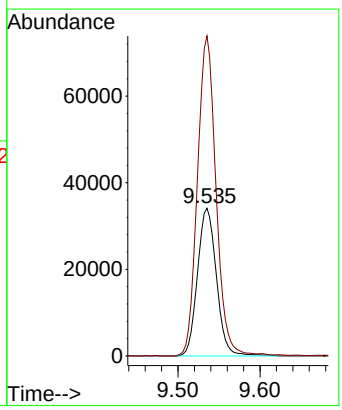


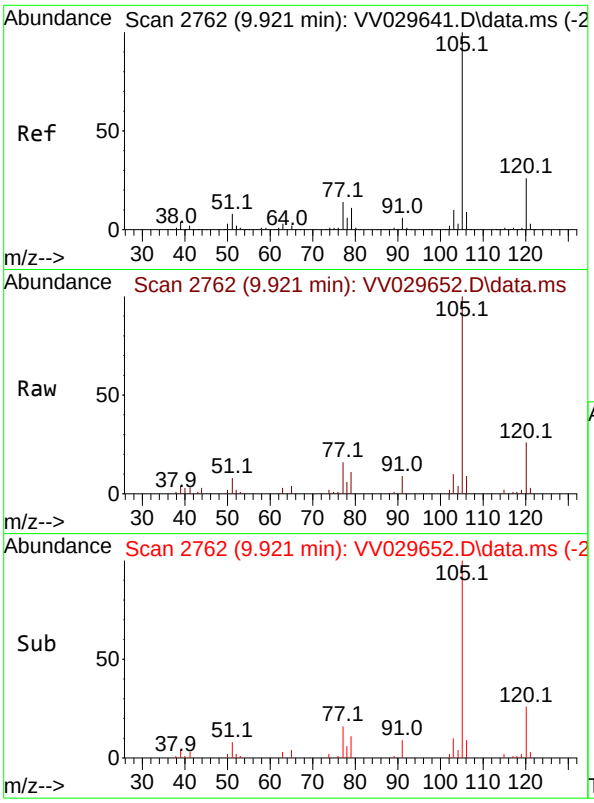


#54
o-Xylene
Concen: 9.189 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.003 min
Lab File: VV029652.D
Acq: 13 Dec 2022 15:37

Tgt Ion:106 Resp: 54757

Ion	Ratio	Lower	Upper
106	100		
91	216.8	148.0	274.8



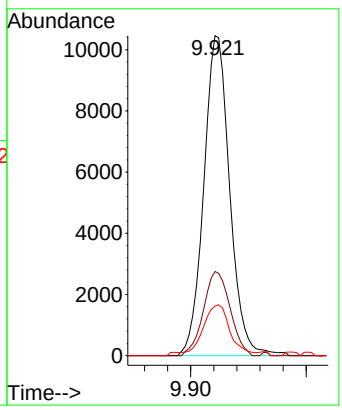


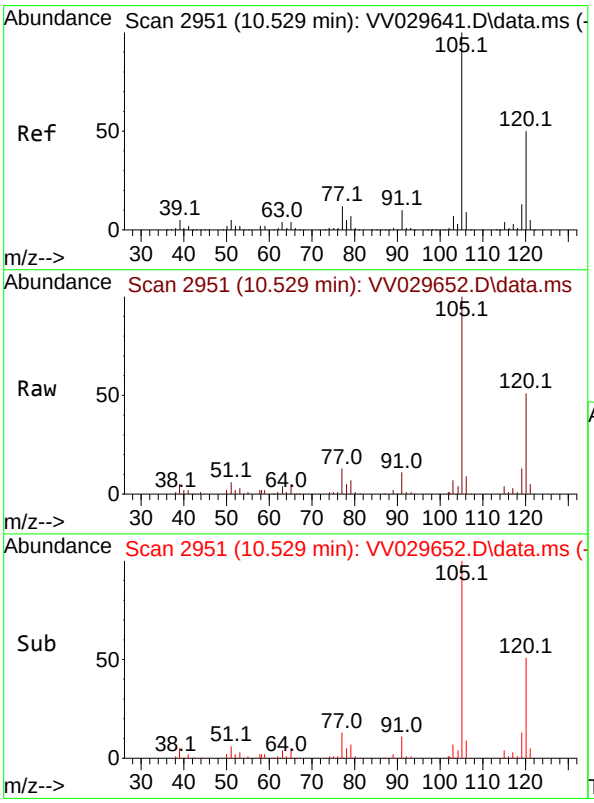
#60
Isopropylbenzene
Concen: 1.048 ug/L
RT: 9.921 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV029652.D
Acq: 13 Dec 2022 15:37

Instrument :
MSVOA_V
ClientSampleId :
EXZ78

Tgt Ion:105 Resp: 16303

Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.1	31.7
77	16.5	11.6	17.4

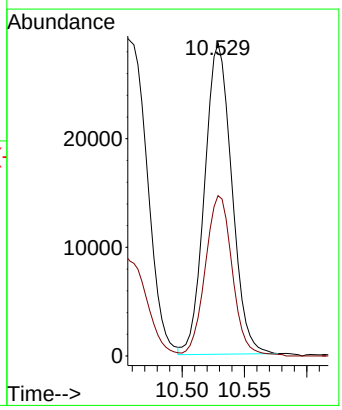


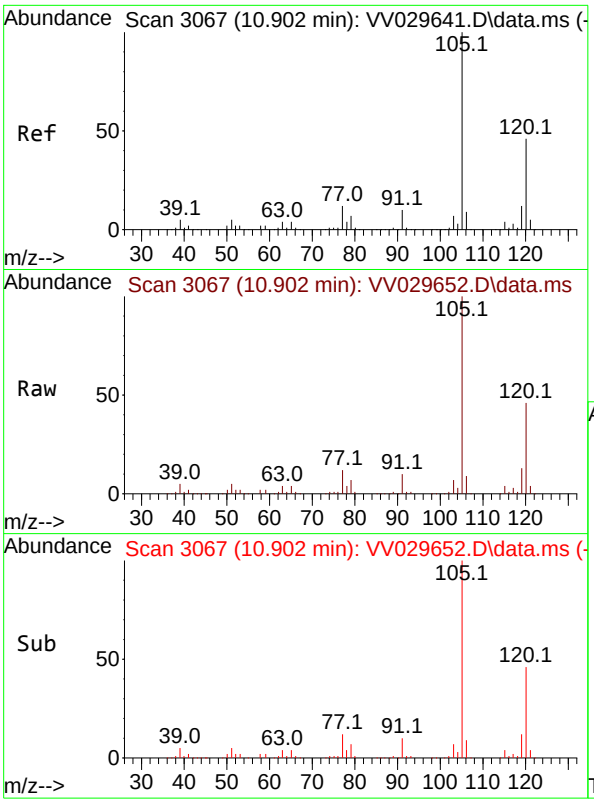


#62
1,3,5-Trimethylbenzene
Concen: 3.158 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VV029652.D
Acq: 13 Dec 2022 15:37

Tgt Ion:105 Resp: 43445

Ion	Ratio	Lower	Upper
105	100		
120	51.4	40.0	60.0



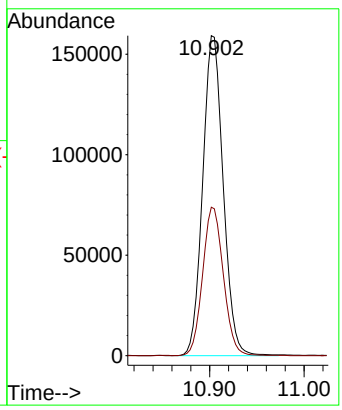


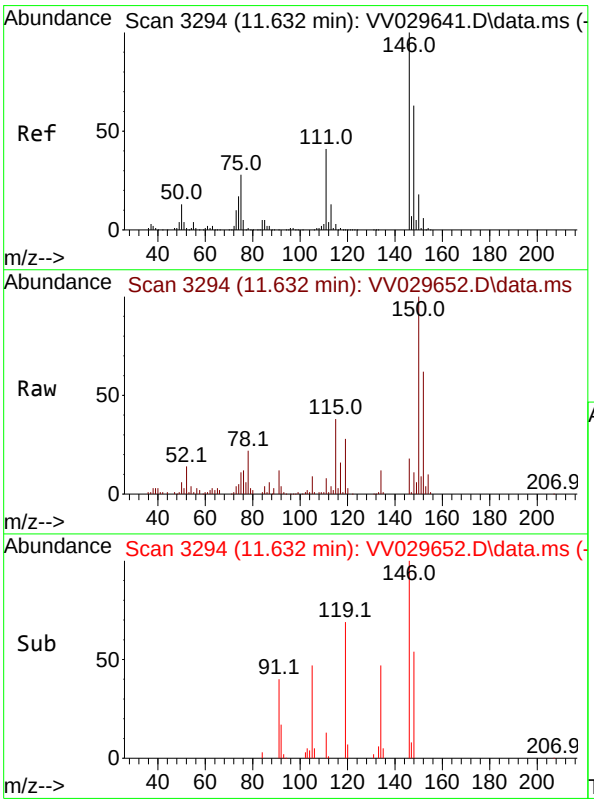
#63
1,2,4-Trimethylbenzene
Concen: 17.597 ug/L
RT: 10.902 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV029652.D
Acq: 13 Dec 2022 15:37

Instrument :
MSVOA_V
ClientSampleId :
EXZ78

Tgt Ion:105 Resp: 239999

Ion	Ratio	Lower	Upper
105	100		
120	46.9	36.7	55.1





#67
1,2-Dichlorobenzene
Concen: 1.524 ug/L
RT: 11.632 min Scan# 3294
Delta R.T. -0.000 min
Lab File: VV029652.D
Acq: 13 Dec 2022 15:37

Tgt Ion:146 Resp: 11860

Ion	Ratio	Lower	Upper
146	100		
111	42.4	32.0	48.0
148	60.8	50.6	76.0