Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029507.D
Acq On : 09 Dec 2022 04:46
Operator : SY/MD
Sample : N5928-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ67

Quant Time: Dec 09 06:29:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 08 01:48:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	537057	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	493420	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	267820	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	186223	56.625	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 113.240%			
7) Chloroethane-d5	1.564	69	143131	57.076	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 114.160%			
11) 1,1-Dichloroethene-d2	2.105	63	227713	44.393	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.780%			
21) 2-Butanone-d5	3.870	46	200141	99.761	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.760%			
24) Chloroform-d	4.339	84	307669	49.714	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.420%			
26) 1,2-Dichloroethane-d4	5.024	65	184032	52.066	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.140%			
32) Benzene-d6	5.043	84	683827	52.449	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.900%			
36) 1,2-Dichloropropane-d6	6.063	67	202770	50.916	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.840%			
41) Toluene-d8	7.307	98	629601	51.251	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.500%			
43) trans-1,3-Dichloroprop...	7.612	79	81753	40.653	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.300%			
47) 2-Hexanone-d5	8.082	63	179876	105.772	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.770%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	281442	49.455	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.900%			
66) 1,2-Dichlorobenzene-d4	11.612	152	258551	50.714	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.420%			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	269140	66.695	ug/L	98
8) Chloroethane	1.581	64	852692	379.477	ug/L	98
12) 1,1-Dichloroethene	2.114	96	19655	6.847	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	24417	7.382	ug/L	91
19) 1,1-Dichloroethane	3.182	63	2263911	399.521	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	1167336	320.942	ug/L	97
27) 1,2-Dichloroethane	5.133	62	6384	1.538	ug/L	97
30) 1,1,1-Trichloroethane	4.600	97	895960	166.666	ug/L	99
33) Benzene	5.098	78	8822	0.634	ug/L	100
34) Trichloroethene	5.912	95	18761	5.383	ug/L	95
42) Toluene	7.381	91	359810	24.036	ug/L	99
44) trans-1,3-Dichloropropene	7.616	75	3046	0.583	ug/L	89
46) Tetrachloroethene	7.969	164	45221	16.139	ug/L	99
49) Dibromochloromethane	7.966	129	40749	10.643	ug/L #	10
51) Chlorobenzene	8.876	112	17844	1.882	ug/L	97
52) Ethylbenzene	9.005	91	121422	7.715	ug/L	99
53) m,p-Xylene	9.127	106	107314	17.228	ug/L	100
54) o-Xylene	9.535	106	66450	10.785	ug/L	99
60) Isopropylbenzene	9.921	105	20399	1.297	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029507.D
Acq On : 09 Dec 2022 04:46
Operator : SY/MD
Sample : N5928-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ67

Quant Time: Dec 09 06:29:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 08 01:48:46 2022
Response via : Initial Calibration

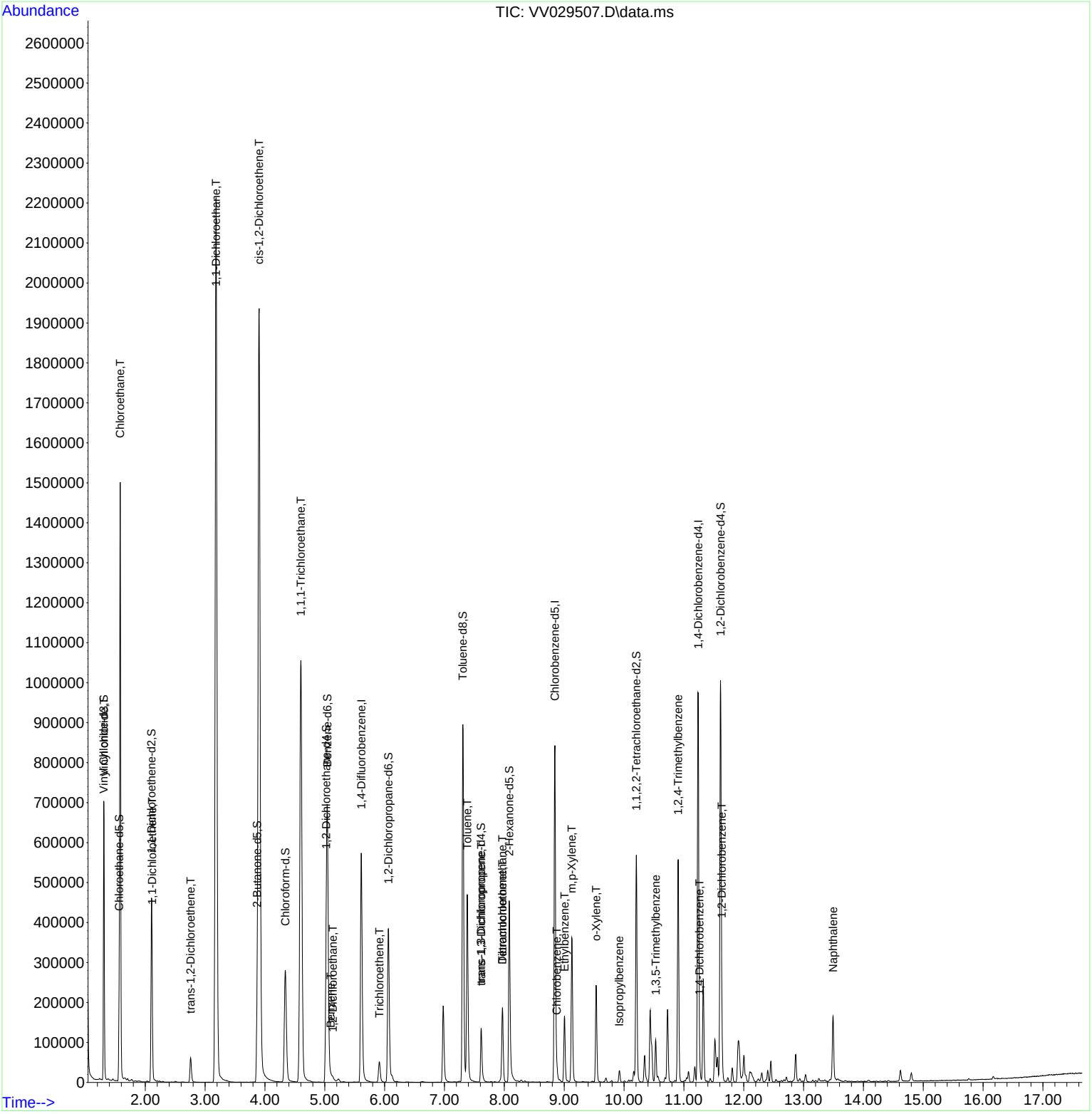
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 1,3,5-Trimethylbenzene	10.529	105	59196	4.258	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	312710	22.691	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	10429	1.335	ug/L	91
67) 1,2-Dichlorobenzene	11.632	146	26796	3.408	ug/L	97
71) Naphthalene	13.493	128	146907	11.904	ug/L	99

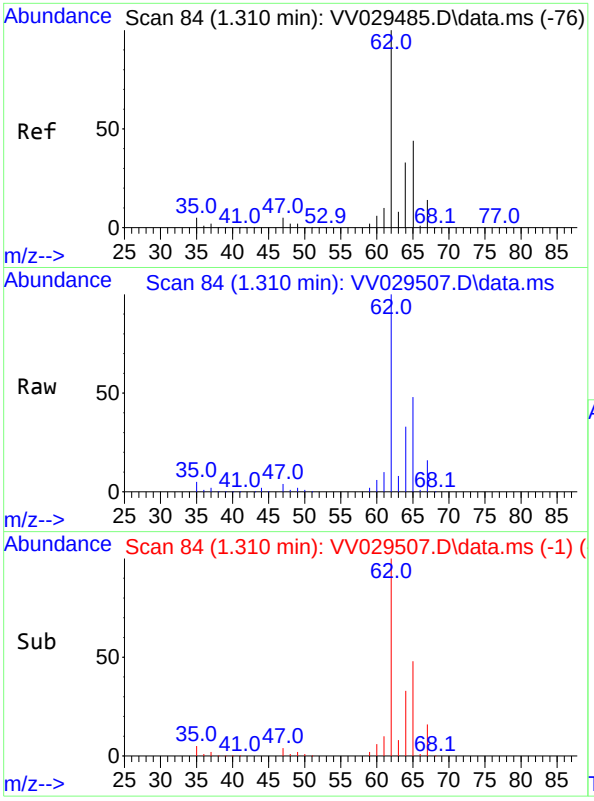
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029507.D
Acq On : 09 Dec 2022 04:46
Operator : SY/MD
Sample : N5928-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ67

Quant Time: Dec 09 06:29:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 08 01:48:46 2022
Response via : Initial Calibration



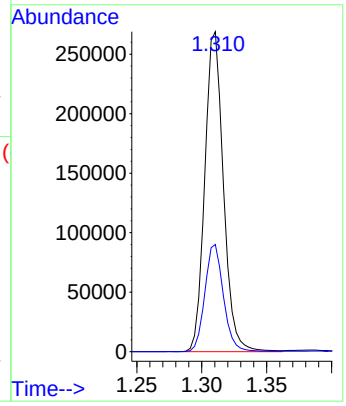


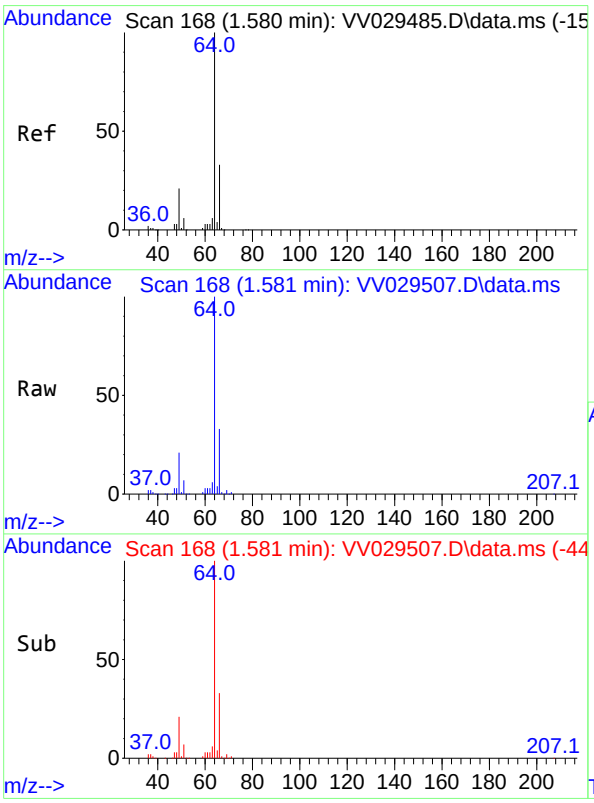
#5
Vinyl chloride
Concen: 66.695 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.003 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Instrument :
MSVOA_V
ClientSampleId :
EXZ67

Tgt Ion: 62 Resp: 269140

Ion	Ratio	Lower	Upper
62	100		
64	33.5	22.5	41.9

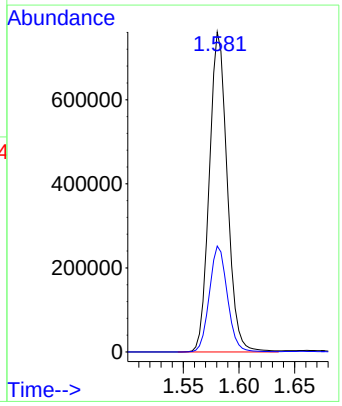


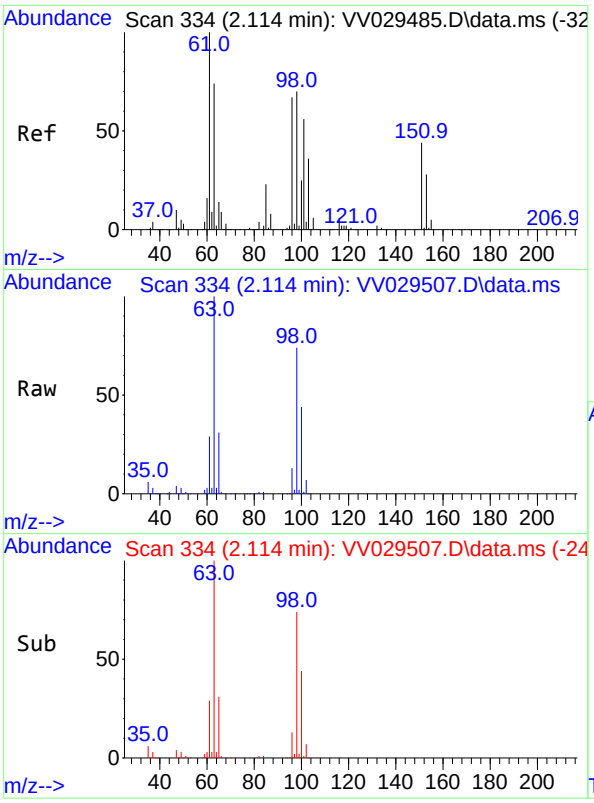


#8
Chloroethane
Concen: 379.477 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Tgt Ion: 64 Resp: 852692

Ion	Ratio	Lower	Upper
64	100		
66	33.1	22.5	41.9



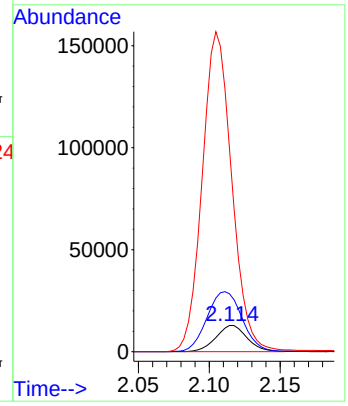


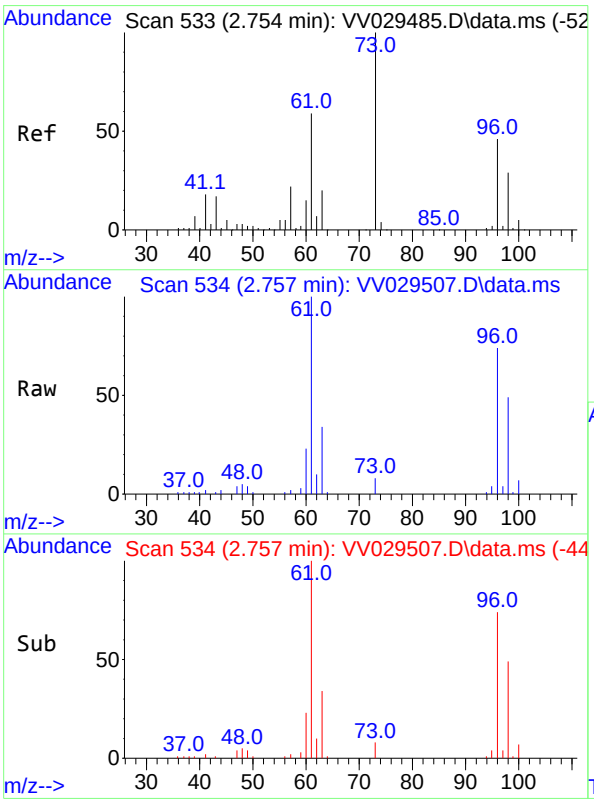
#12
1,1-Dichloroethene
Concen: 6.847 ug/L
RT: 2.114 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Instrument :
MSVOA_V
ClientSampleId :
EXZ67

Tgt Ion: 96 Resp: 19655

Ion	Ratio	Lower	Upper
96	100		
61	220.4	103.3	191.9#
63	773.2	77.3	143.7#

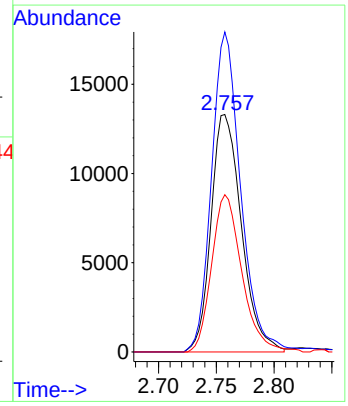


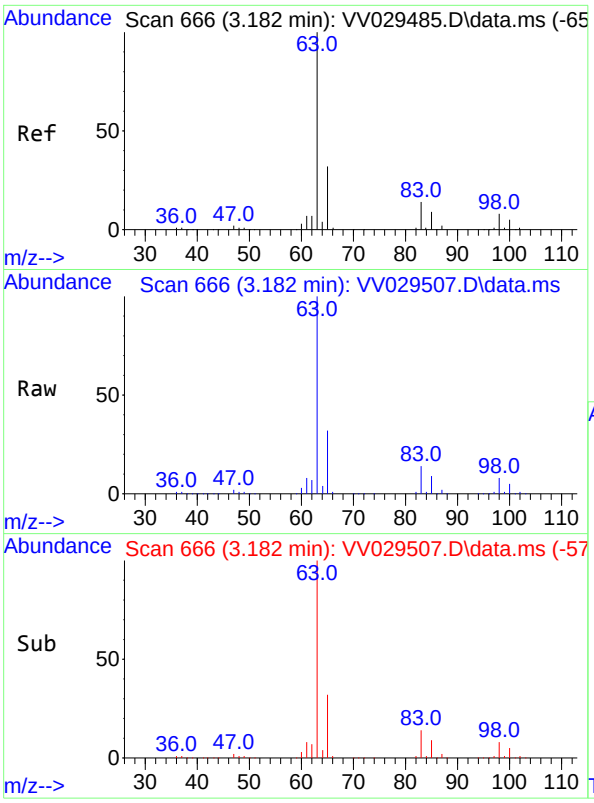


#17
trans-1,2-Dichloroethene
Concen: 7.382 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Tgt Ion: 96 Resp: 24417

Ion	Ratio	Lower	Upper
96	100		
61	134.8	86.4	160.4
98	66.3	43.4	80.6



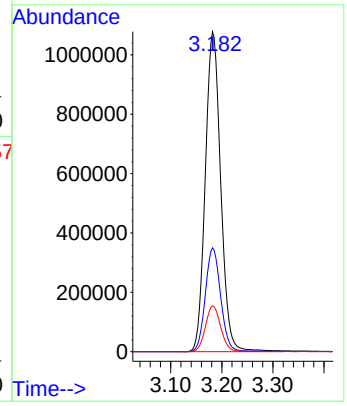


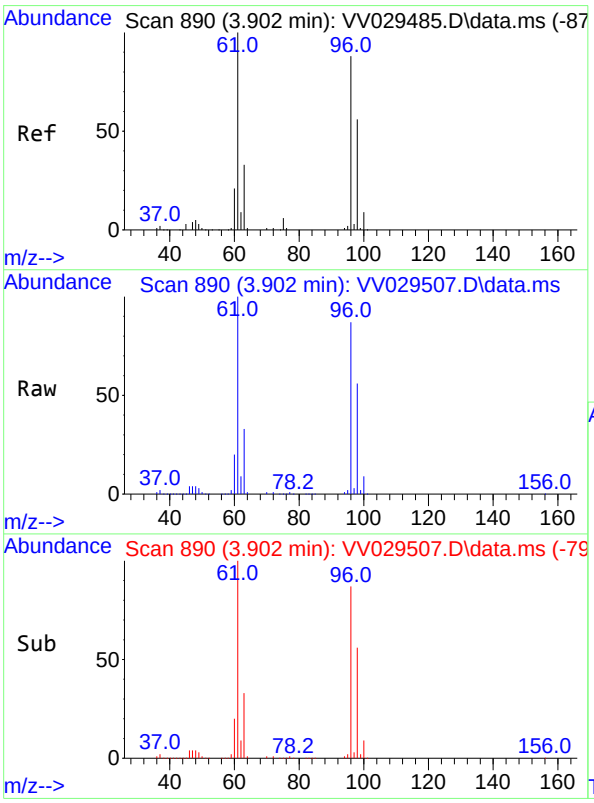
#19
1,1-Dichloroethane
Concen: 399.521 ug/L
RT: 3.182 min Scan# 6
Delta R.T. -0.003 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Instrument :
MSVOA_V
ClientSampleId :
EXZ67

Tgt Ion: 63 Resp: 2263911

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.5	41.7
83	14.3	10.4	19.2

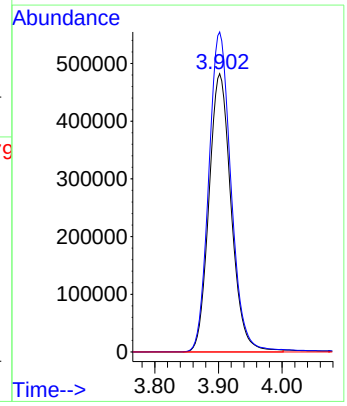


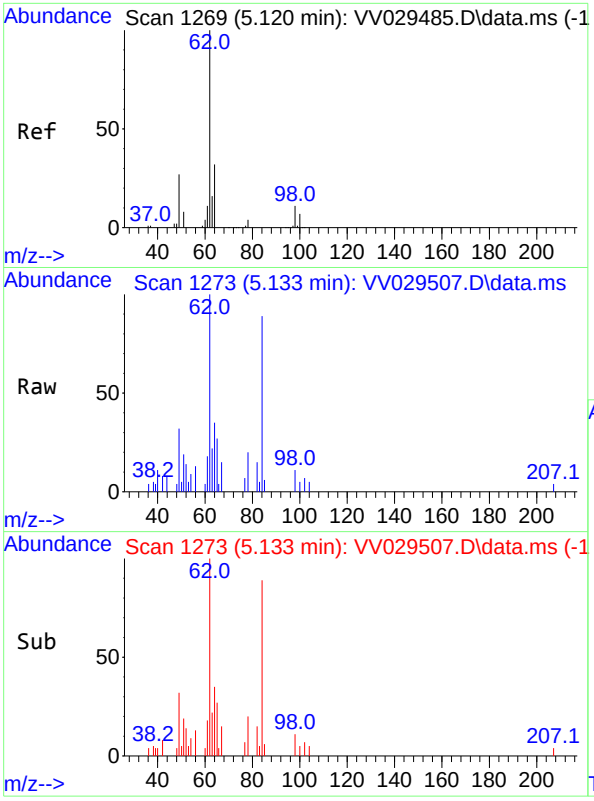


#20
cis-1,2-Dichloroethene
Concen: 320.942 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Tgt Ion: 96 Resp: 1167336

Ion	Ratio	Lower	Upper
96	100		
61	115.0	78.0	144.9
68	0.0	0.0	0.0



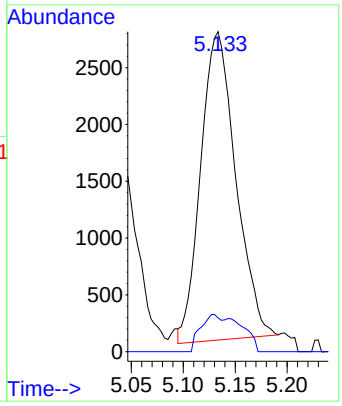


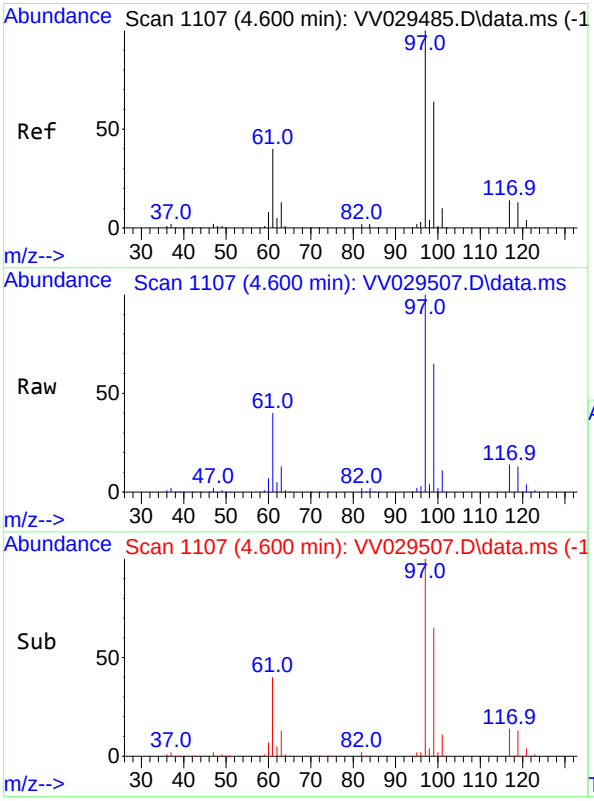
#27
1,2-Dichloroethane
Concen: 1.538 ug/L
RT: 5.133 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Instrument :
MSVOA_V
ClientSampleId :
EXZ67

Tgt Ion: 62 Resp: 6384

Ion	Ratio	Lower	Upper
62	100		
98	10.5	9.4	14.0

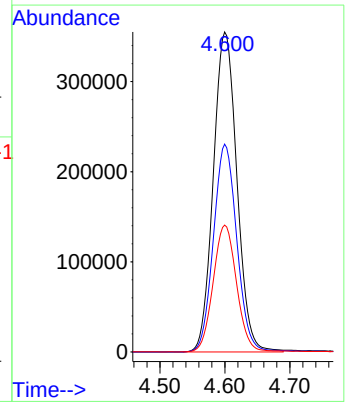


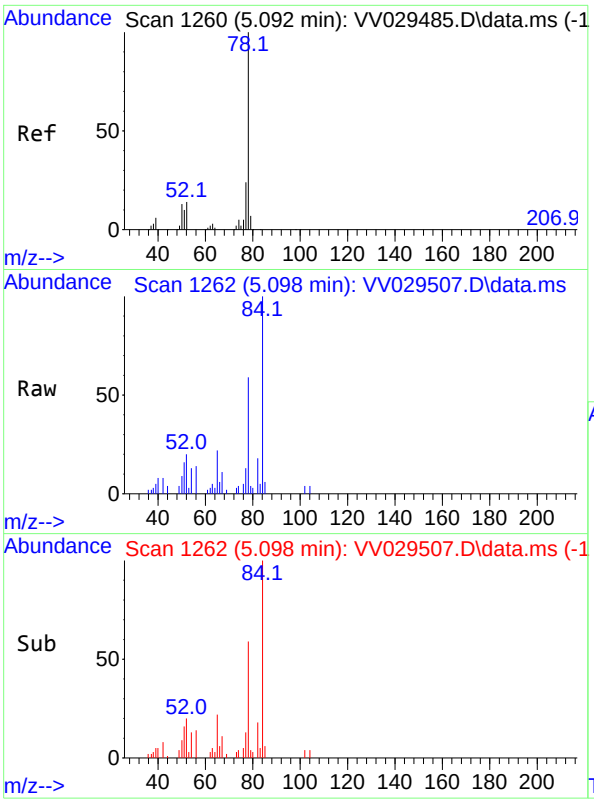


#30
1,1,1-Trichloroethane
Concen: 166.666 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Tgt Ion: 97 Resp: 895960

Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.1	78.1
61	39.5	31.8	47.8

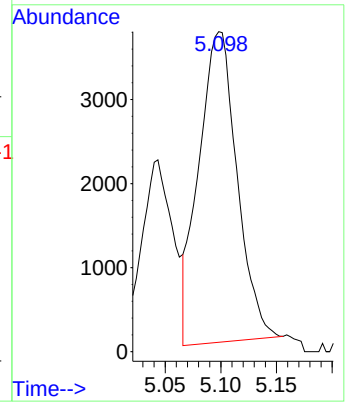


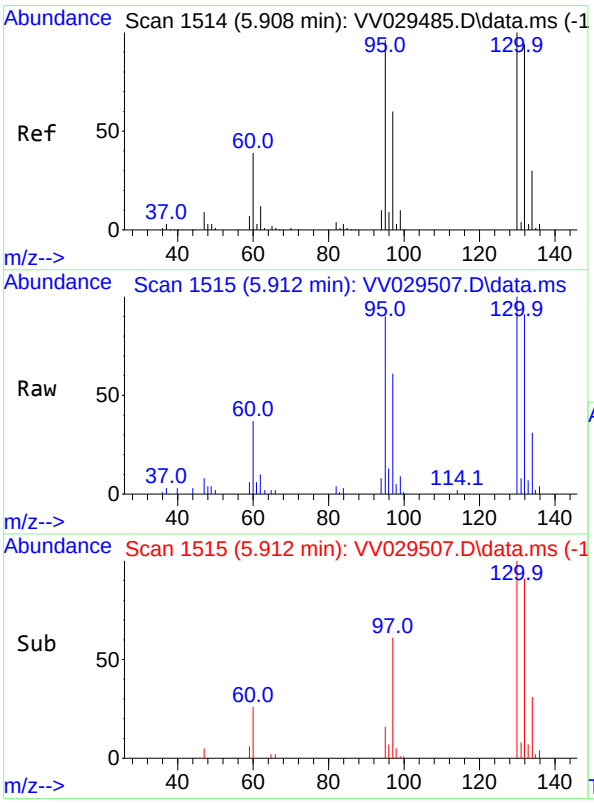


#33
Benzene
Concen: 0.634 ug/L
RT: 5.098 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Instrument :
MSVOA_V
ClientSampleId :
EXZ67

Tgt Ion: 78 Resp: 8822

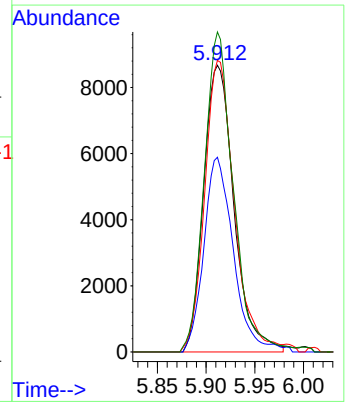


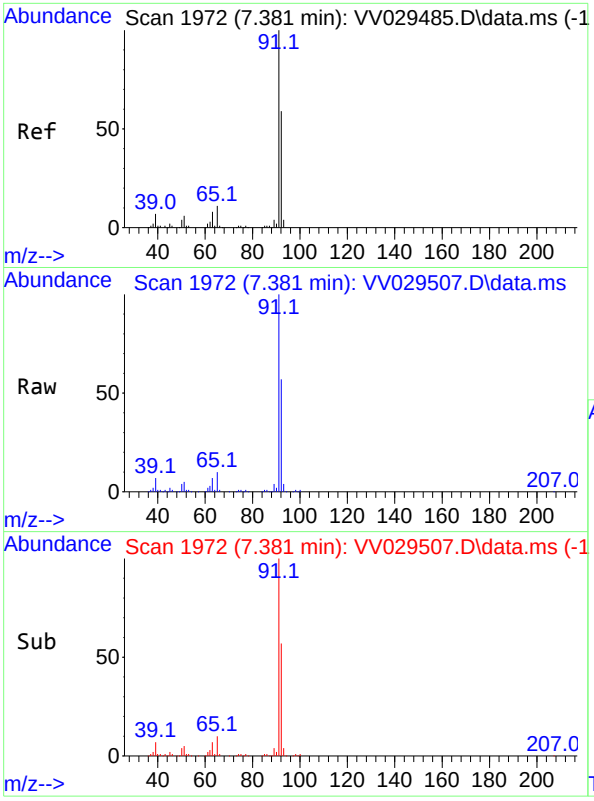


#34
Trichloroethene
Concen: 5.383 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Tgt Ion: 95 Resp: 18761

Ion	Ratio	Lower	Upper
95	100		
97	67.9	44.0	81.8
132	101.7	69.9	129.9
130	111.6	73.7	136.9



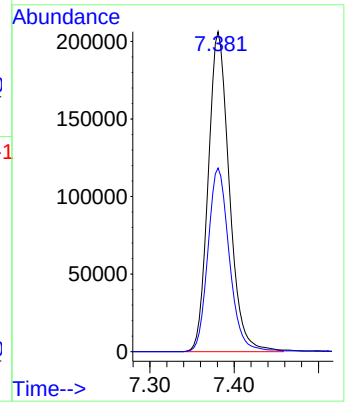


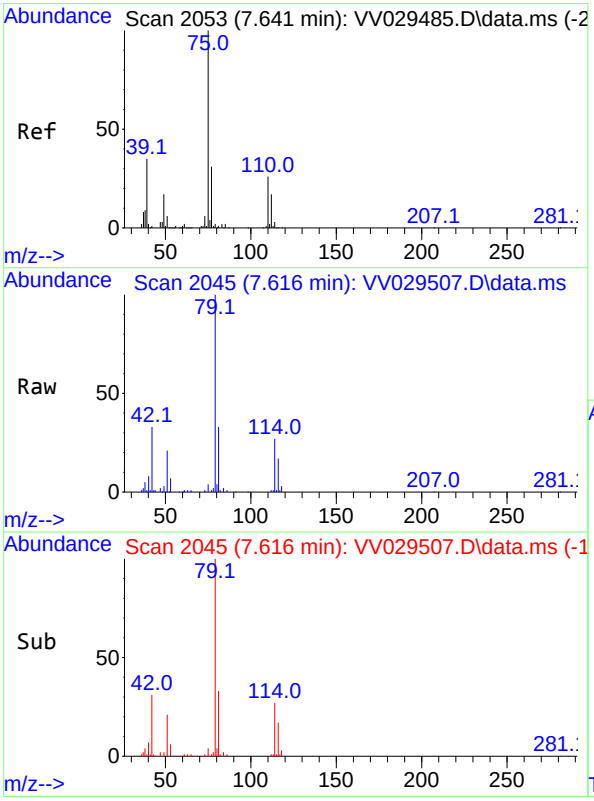
#42
Toluene
Concen: 24.036 ug/L
RT: 7.381 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Instrument :
MSVOA_V
ClientSampleId :
EXZ67

Tgt Ion: 91 Resp: 359810

Ion	Ratio	Lower	Upper
91	100		
92	57.4	40.6	75.4

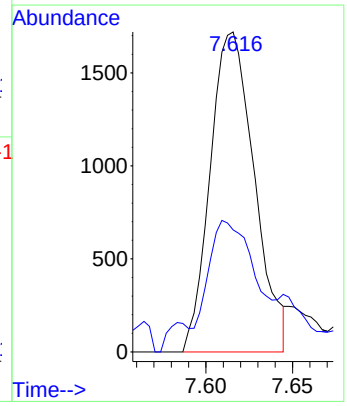


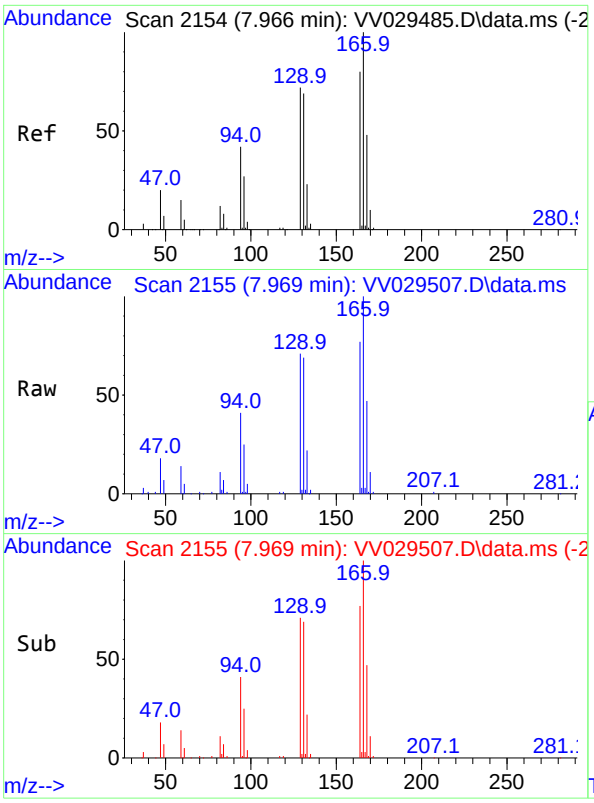


#44
trans-1,3-Dichloropropene
Concen: 0.583 ug/L
RT: 7.616 min Scan# 2045
Delta R.T. -0.029 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Tgt Ion: 75 Resp: 3046

Ion	Ratio	Lower	Upper
75	100		
77	38.1	22.3	41.5



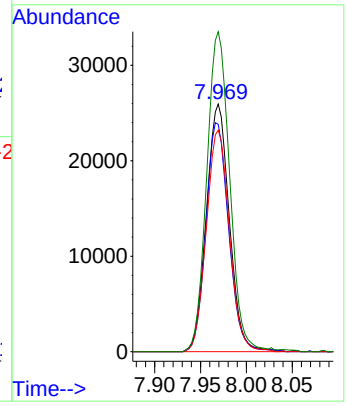


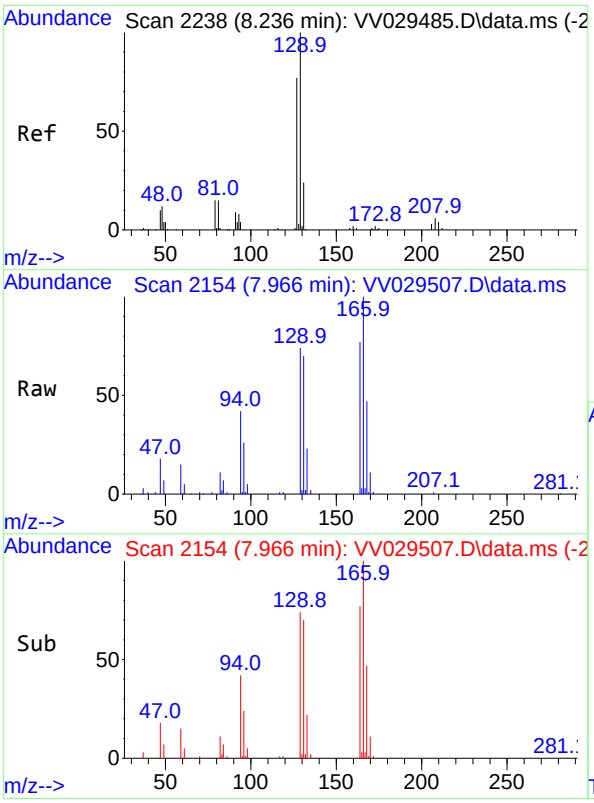
#46
Tetrachloroethene
Concen: 16.139 ug/L
RT: 7.969 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Instrument :
MSVOA_V
ClientSampleId :
EXZ67

Tgt Ion:164 Resp: 45221

Ion	Ratio	Lower	Upper
164	100		
129	91.8	65.3	121.3
131	89.5	63.1	117.1
166	129.2	90.8	168.6

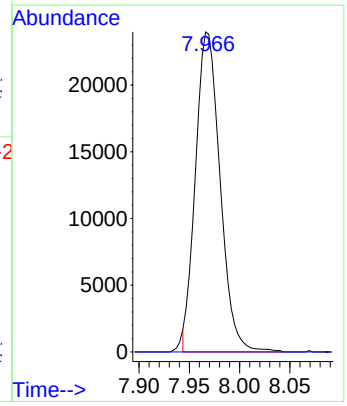


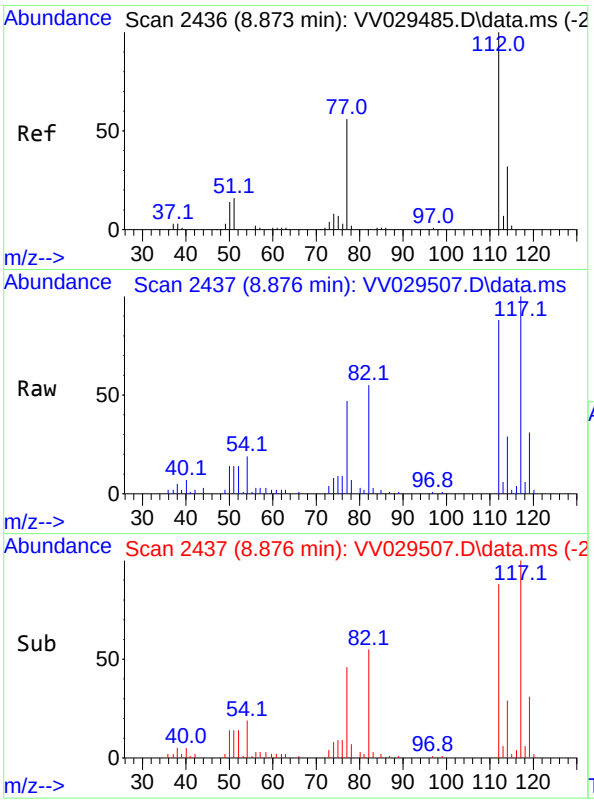


#49
Dibromochloromethane
Concen: 10.643 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.270 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Tgt Ion:129 Resp: 40749

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.4#



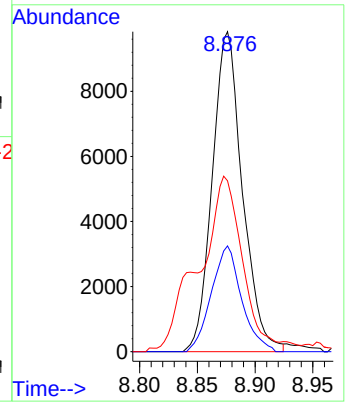


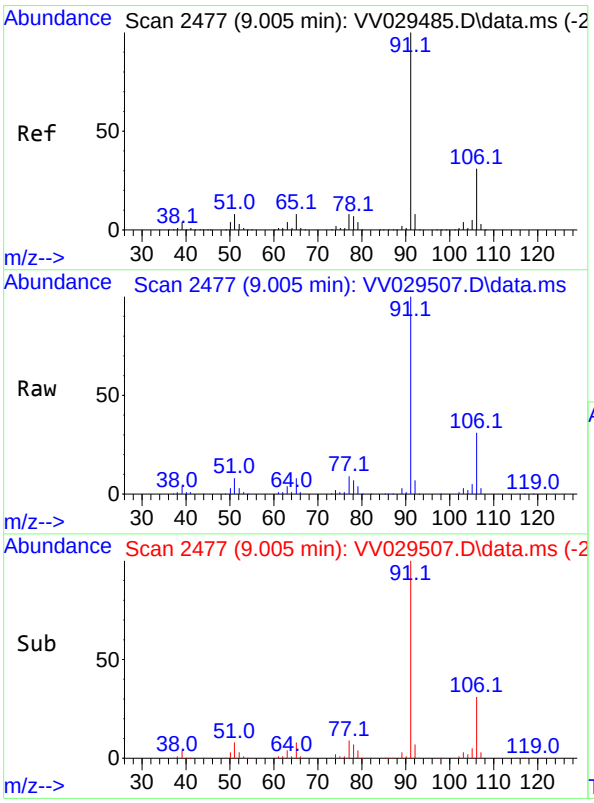
#51
Chlorobenzene
Concen: 1.882 ug/L
RT: 8.876 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Instrument :
MSVOA_V
ClientSampleId :
EXZ67

Tgt Ion:112 Resp: 17844

Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.3	41.3
77	53.4	45.0	67.4

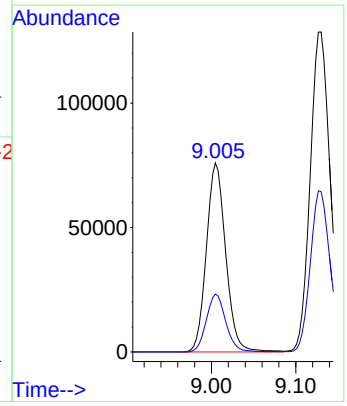


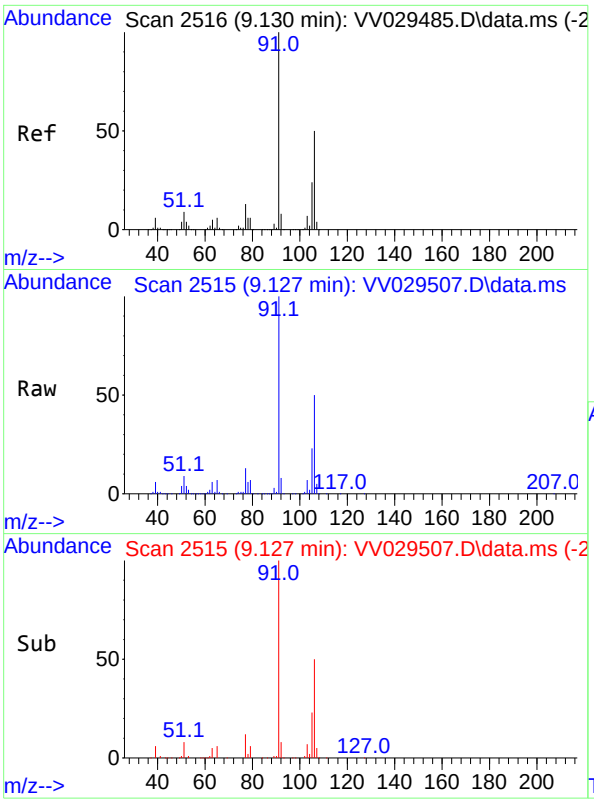


#52
Ethylbenzene
Concen: 7.715 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Tgt Ion: 91 Resp: 121422

Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.8	40.6



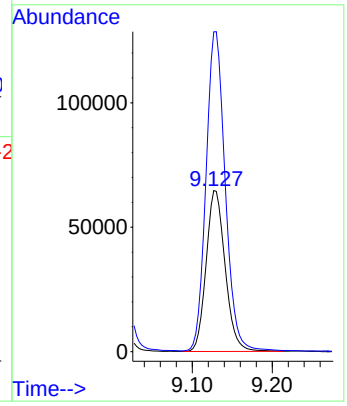


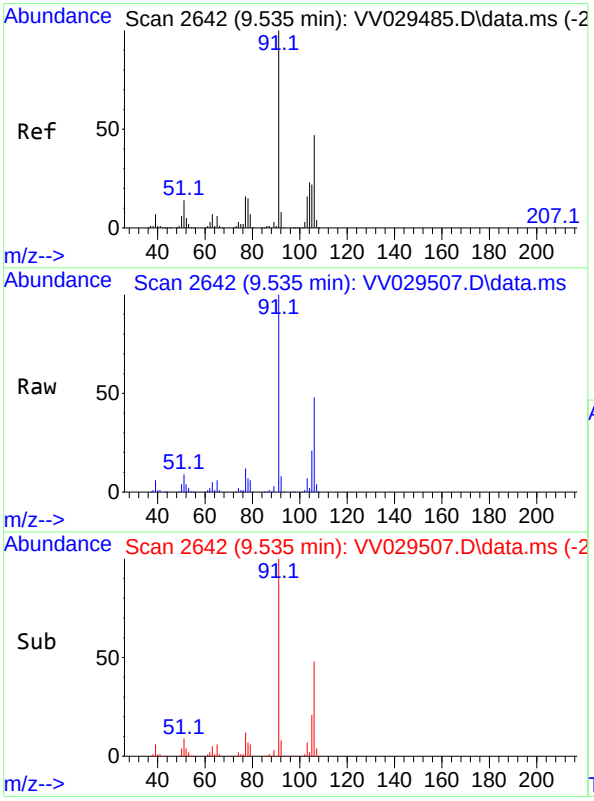
#53
m,p-Xylene
Concen: 17.228 ug/L
RT: 9.127 min Scan# 2
Delta R.T. -0.003 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Instrument :
MSVOA_V
ClientSampleId :
EXZ67

Tgt Ion:106 Resp: 107314

Ion	Ratio	Lower	Upper
106	100		
91	198.6	139.5	259.1

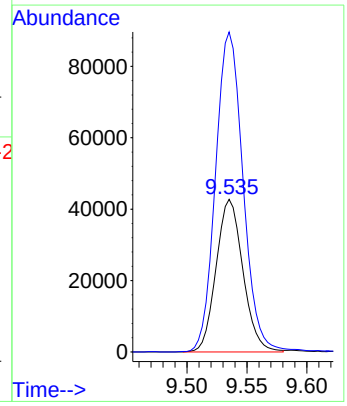


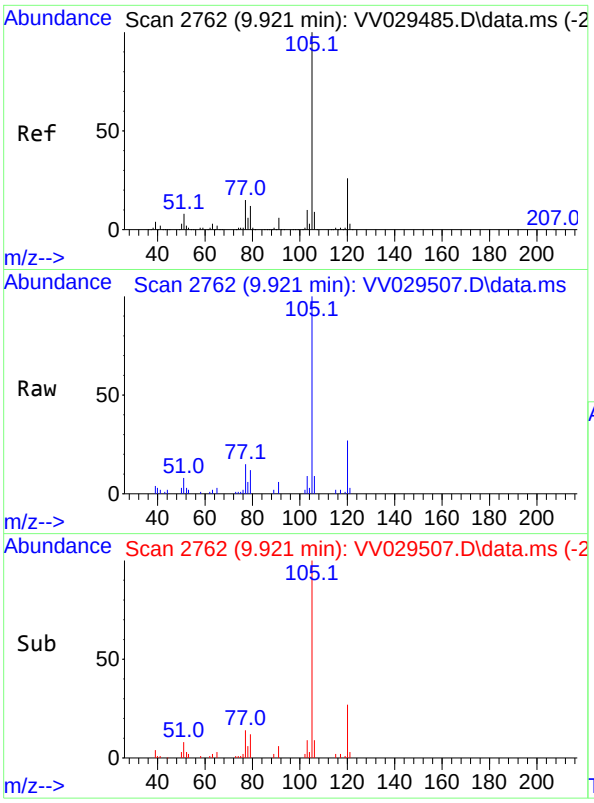


#54
o-Xylene
Concen: 10.785 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Tgt Ion:106 Resp: 66450

Ion	Ratio	Lower	Upper
106	100		
91	209.6	148.0	274.8



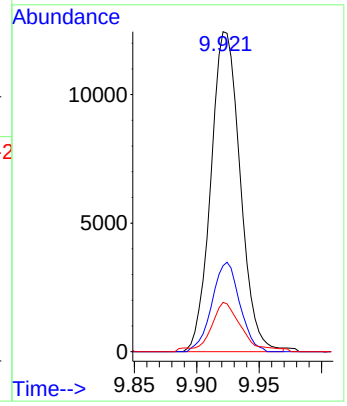


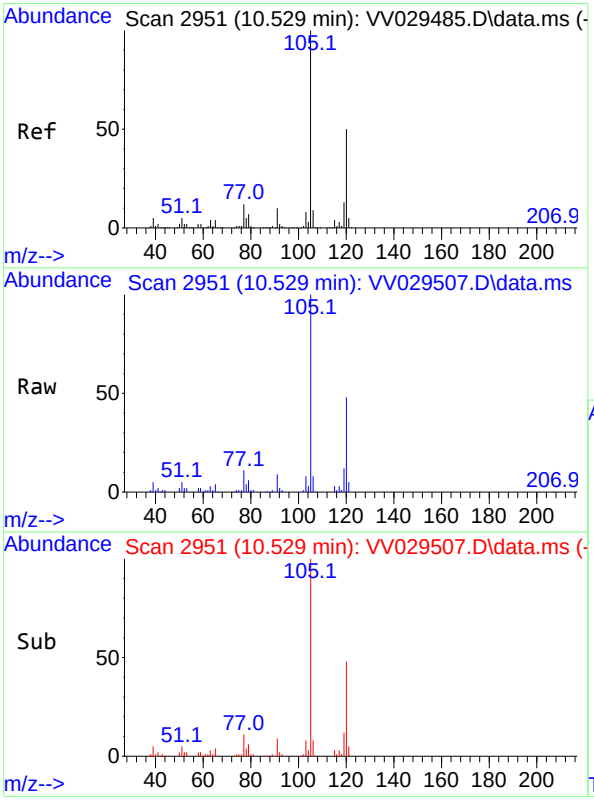
#60
Isopropylbenzene
Concen: 1.297 ug/L
RT: 9.921 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Instrument :
MSVOA_V
ClientSampleId :
EXZ67

Tgt Ion:105 Resp: 20399

Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.1	31.7
77	13.9	11.6	17.4

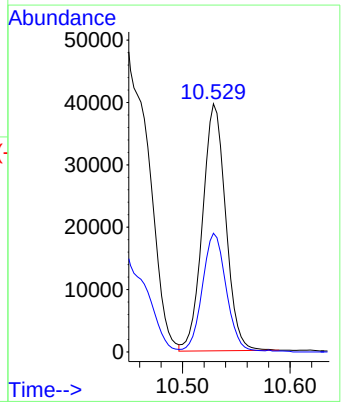


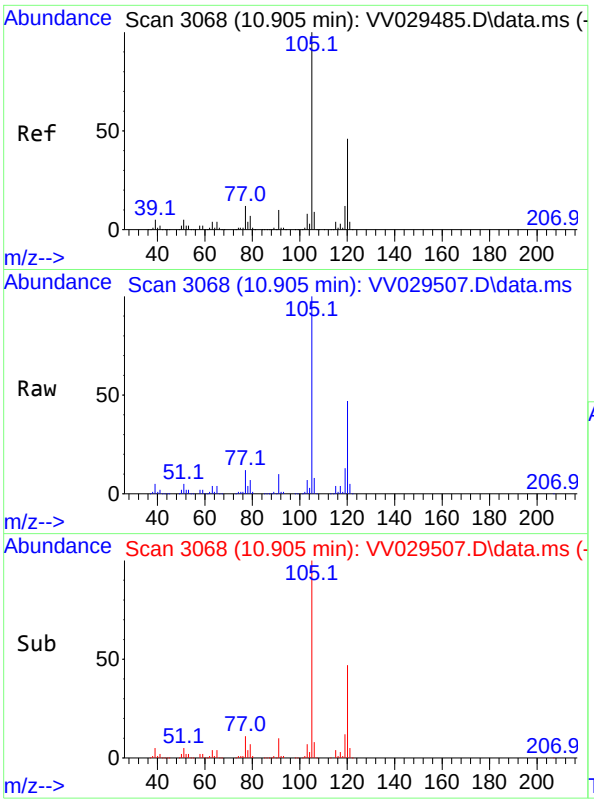


#62
1,3,5-Trimethylbenzene
Concen: 4.258 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Tgt Ion:105 Resp: 59196

Ion	Ratio	Lower	Upper
105	100		
120	48.7	40.0	60.0



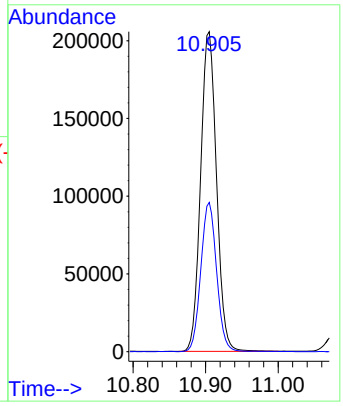


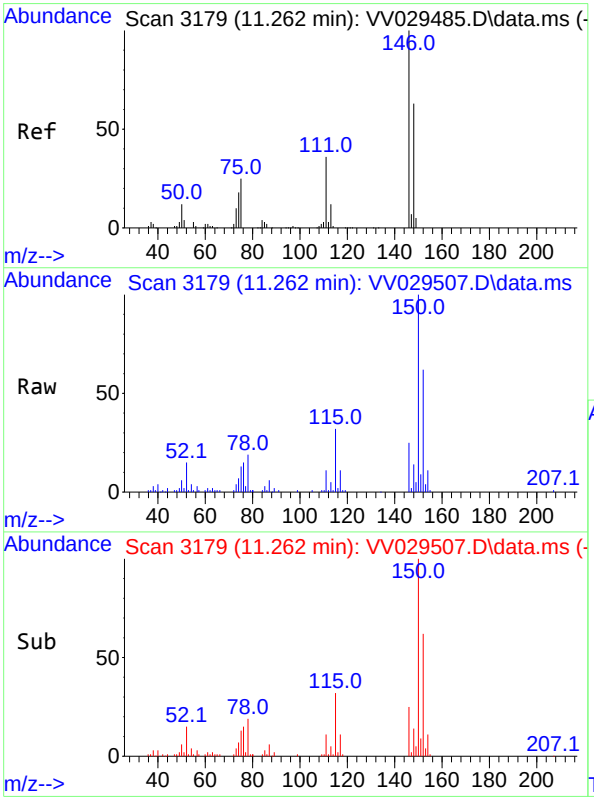
#63
1,2,4-Trimethylbenzene
Concen: 22.691 ug/L
RT: 10.905 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Instrument :
MSVOA_V
ClientSampleId :
EXZ67

Tgt Ion:105 Resp: 312710

Ion	Ratio	Lower	Upper
105	100		
120	46.4	36.7	55.1

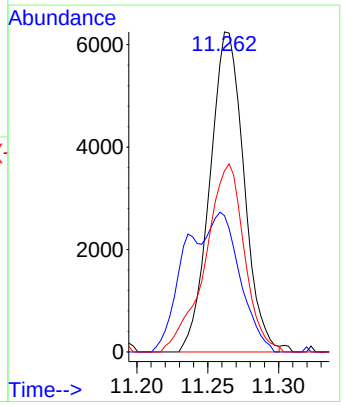


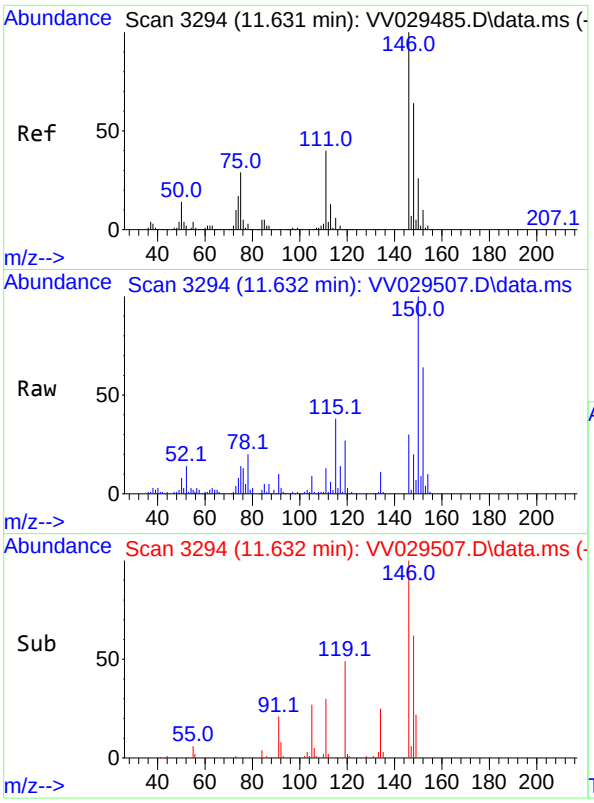


#65
1,4-Dichlorobenzene
Concen: 1.335 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Tgt Ion:146 Resp: 10429

Ion	Ratio	Lower	Upper
146	100		
111	42.6	26.2	48.8
148	56.6	44.7	83.1



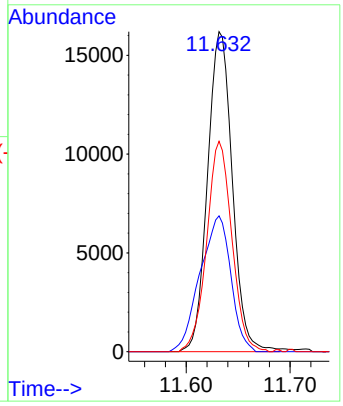


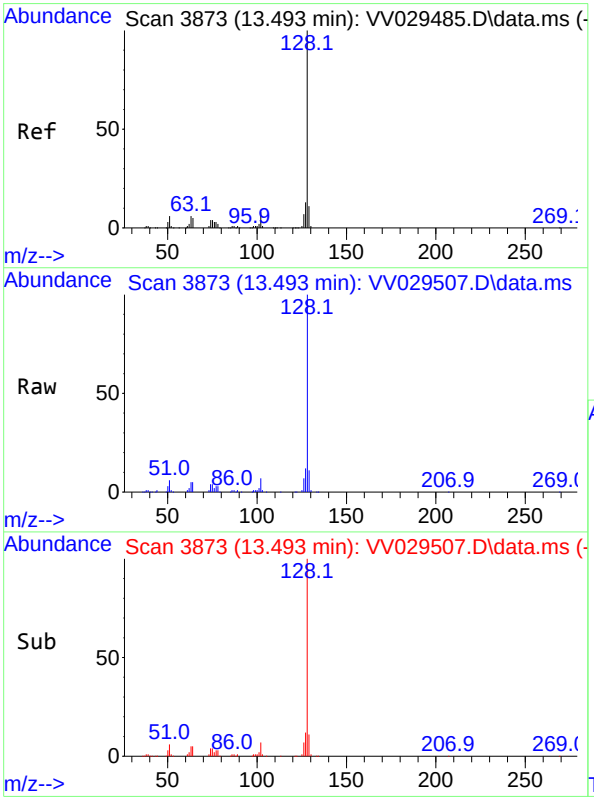
#67
1,2-Dichlorobenzene
Concen: 3.408 ug/L
RT: 11.632 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Instrument :
MSVOA_V
ClientSampleId :
EXZ67

Tgt Ion:146 Resp: 26796

Ion	Ratio	Lower	Upper
146	100		
111	42.5	32.0	48.0
148	65.7	50.6	76.0





#71
Naphthalene
Concen: 11.904 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. -0.000 min
Lab File: VV029507.D
Acq: 09 Dec 2022 04:46

Tgt Ion:128 Resp: 146907

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