Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121222\
Data File : VV029617.D
Acq On : 13 Dec 2022 00:04
Operator : SY/MD
Sample : N5928-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ71

Quant Time: Dec 13 05:24:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 13 04:57:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	544278	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	498613	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	261652	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	146304	43.896	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.800%			
7) Chloroethane-d5	1.564	69	117664	46.298	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.600%			
11) 1,1-Dichloroethene-d2	2.105	63	189253	36.406	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.820%			
21) 2-Butanone-d5	3.873	46	170615	83.915	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.920%			
24) Chloroform-d	4.339	84	253726	40.454	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.900%			
26) 1,2-Dichloroethane-d4	5.024	65	152188	42.485	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.980%			
32) Benzene-d6	5.043	84	551010	41.822	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.640%			
36) 1,2-Dichloropropane-d6	6.063	67	169969	42.235	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.460%			
41) Toluene-d8	7.307	98	494587	39.842	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.680%#			
43) trans-1,3-Dichloroprop...	7.612	79	68965	33.937	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.880%			
47) 2-Hexanone-d5	8.082	63	144081	83.841	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 83.840%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	231821	40.311	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 80.620%			
66) 1,2-Dichlorobenzene-d4	11.612	152	201434	40.442	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.880%			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	138386	33.838	ug/L	98
8) Chloroethane	1.581	64	27450	12.054	ug/L	99
12) 1,1-Dichloroethene	2.118	96	15994	5.498	ug/L #	1
13) Acetone	2.163	43	3248	2.452	ug/L	95
17) trans-1,2-Dichloroethene	2.757	96	5620	1.677	ug/L	88
19) 1,1-Dichloroethane	3.182	63	478875	83.388	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	411560	111.651	ug/L	92
27) 1,2-Dichloroethane	5.130	62	3549	0.844	ug/L	95
30) 1,1,1-Trichloroethane	4.600	97	417738	76.898	ug/L	99
34) Trichloroethene	5.905	95	182612	51.851	ug/L	99
35) Methylcyclohexane	6.127	83	10171	1.700	ug/L	93
39) cis-1,3-Dichloropropene	6.979	75	3937	0.706	ug/L #	72
46) Tetrachloroethene	7.966	164	124578	43.997	ug/L	98
52) Ethylbenzene	9.005	91	36807	2.314	ug/L	98
60) Isopropylbenzene	9.924	105	14030	0.913	ug/L #	96
62) 1,3,5-Trimethylbenzene	10.529	105	232594	17.124	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	555962	41.292	ug/L	100
71) Naphthalene	13.493	128	66930	5.551	ug/L	98

Quantitation Report (Not Reviewed)

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EXZ71

Quant Time: Dec 13 05:24:42 2022
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Quant Title : VOC Analysis
QLast Update : Tue Dec 13 04:57:44 2022
Response via : Initial Calibration

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

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121222\
Data File : VV029617.D
Acq On : 13 Dec 2022 00:04
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EXZ71

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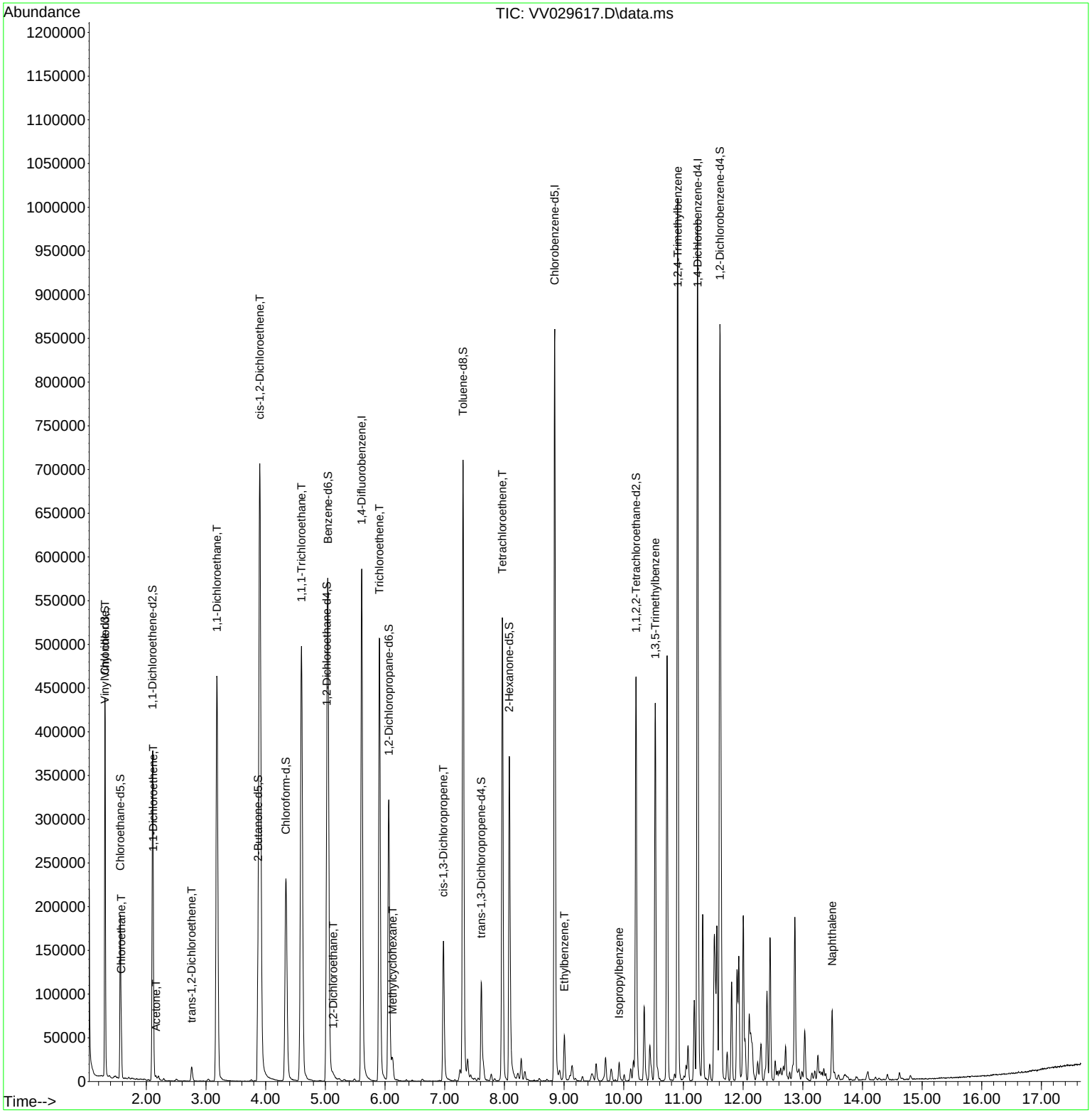
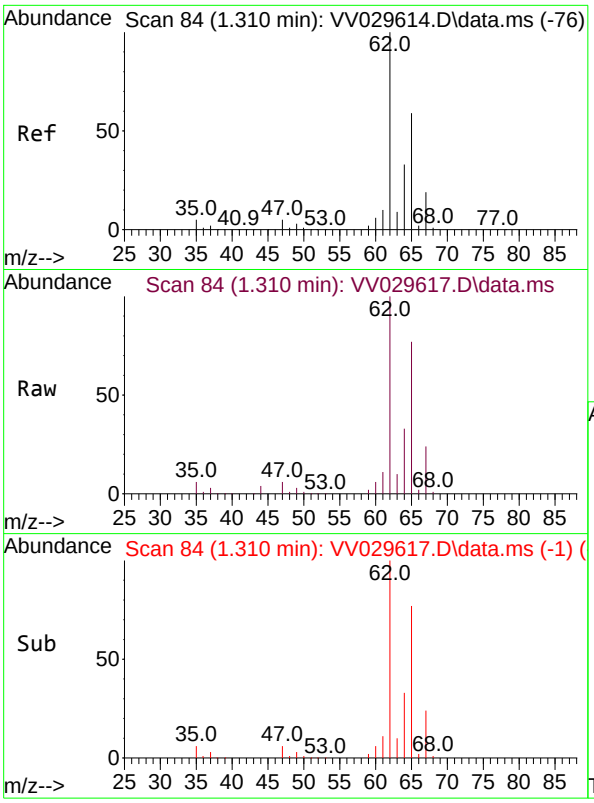
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 13 04:57:44 2022
Response via : Initial Calibration



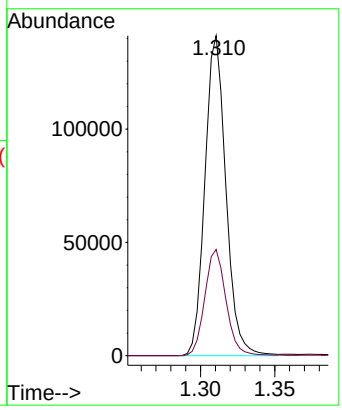


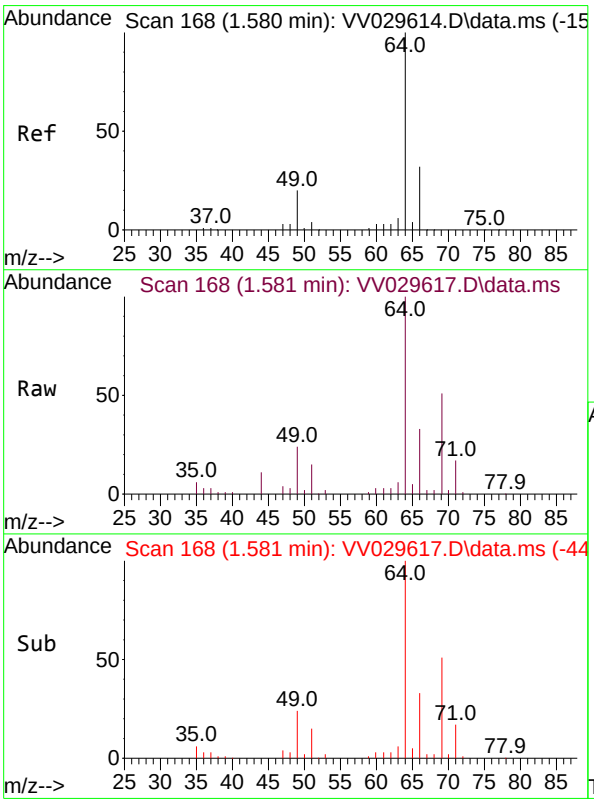
#5
Vinyl chloride
Concen: 33.838 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029617.D
Acq: 13 Dec 2022 00:04

Instrument :
MSVOA_V
ClientSampleId :
EXZ71

Tgt Ion: 62 Resp: 138386

Ion	Ratio	Lower	Upper
62	100		
64	33.2	22.5	41.9

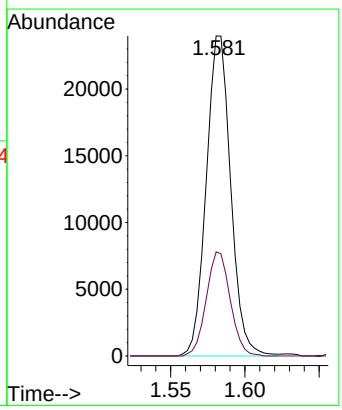


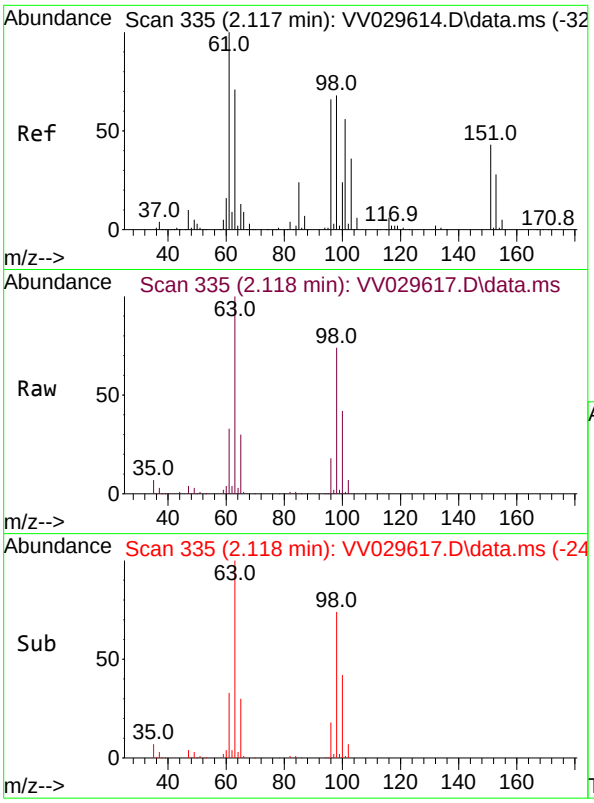


#8
Chloroethane
Concen: 12.054 ug/L
RT: 1.581 min Scan# 168
Delta R.T. 0.000 min
Lab File: VV029617.D
Acq: 13 Dec 2022 00:04

Tgt Ion: 64 Resp: 27450

Ion	Ratio	Lower	Upper
64	100		
66	32.5	22.5	41.9



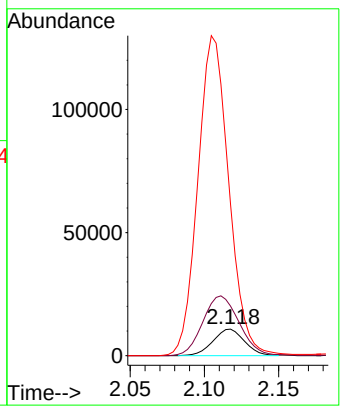


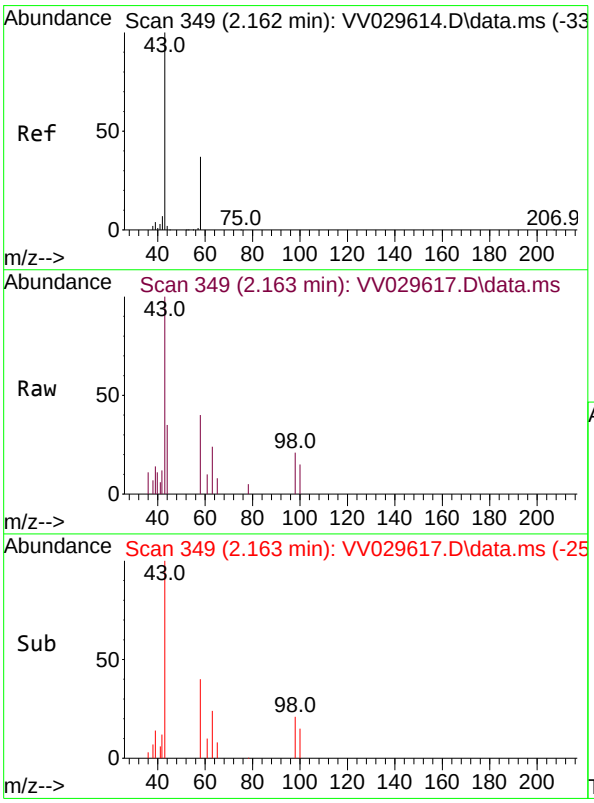
#12
1,1-Dichloroethene
Concen: 5.498 ug/L
RT: 2.118 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV029617.D
Acq: 13 Dec 2022 00:04

Instrument :
MSVOA_V
ClientSampleId :
EXZ71

Tgt Ion: 96 Resp: 15994

Ion	Ratio	Lower	Upper
96	100		
61	186.4	103.3	191.9
63	570.1	77.3	143.7#

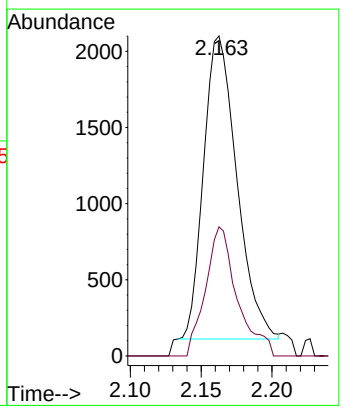


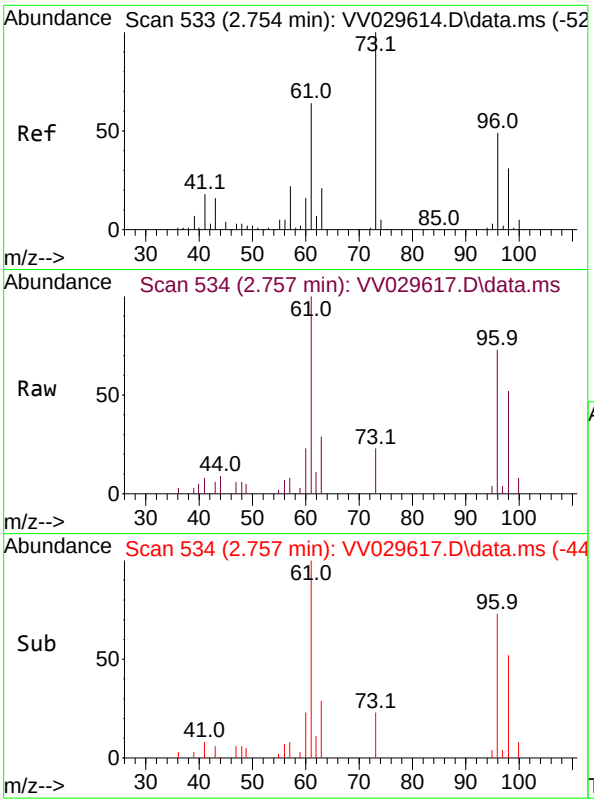


#13
Acetone
Concen: 2.452 ug/L
RT: 2.163 min Scan# 349
Delta R.T. 0.000 min
Lab File: VV029617.D
Acq: 13 Dec 2022 00:04

Tgt Ion: 43 Resp: 3248

Ion	Ratio	Lower	Upper
43	100		
58	40.4	0.0	74.8



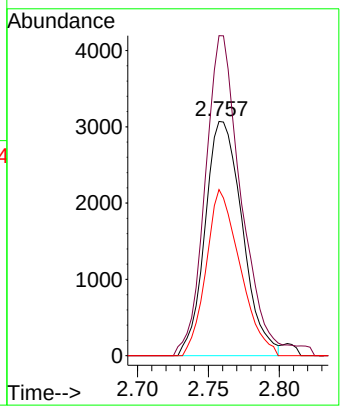


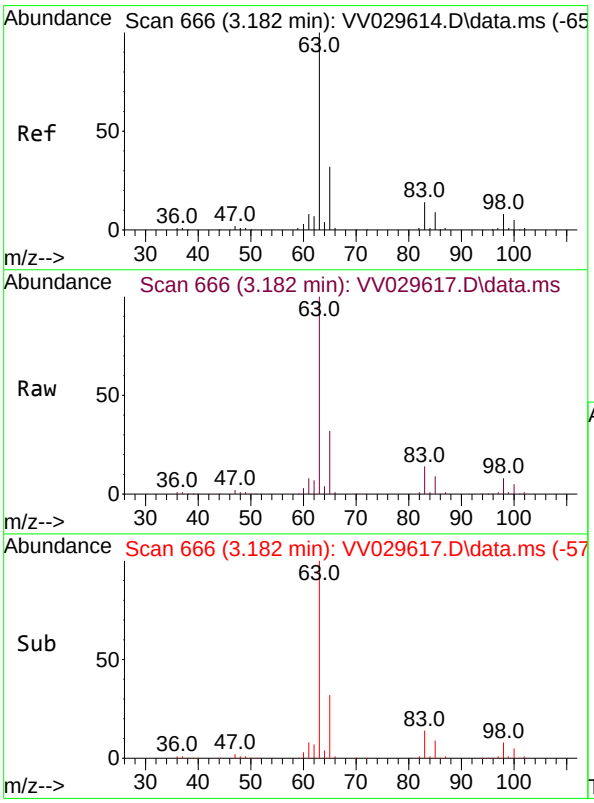
#17
trans-1,2-Dichloroethene
Concen: 1.677 ug/L
RT: 2.757 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV029617.D
Acq: 13 Dec 2022 00:04

Instrument :
MSVOA_V
ClientSampleId :
EXZ71

Tgt Ion: 96 Resp: 5620

Ion	Ratio	Lower	Upper
96	100		
61	136.6	86.4	160.4
98	70.9	43.4	80.6

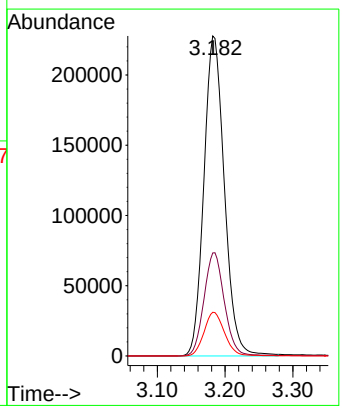


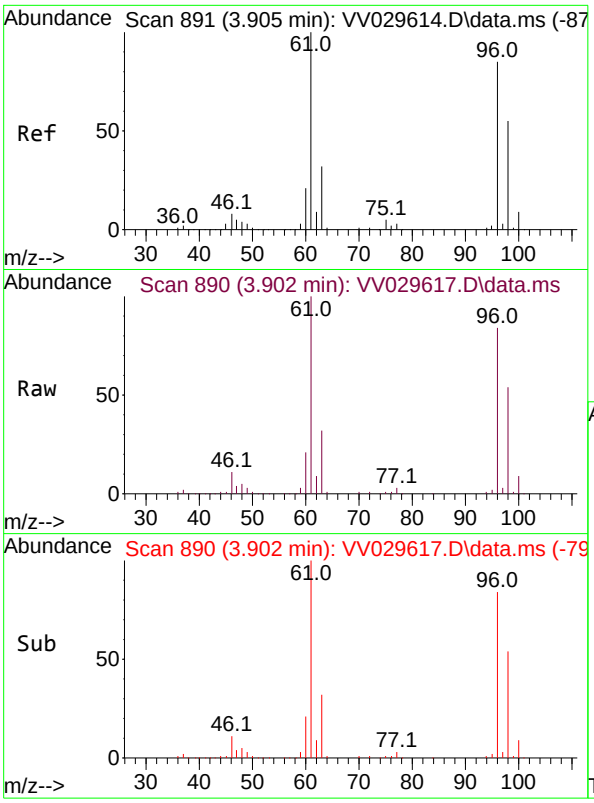


#19
1,1-Dichloroethane
Concen: 83.388 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.000 min
Lab File: VV029617.D
Acq: 13 Dec 2022 00:04

Tgt Ion: 63 Resp: 478875

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.5	41.7
83	13.6	10.4	19.2



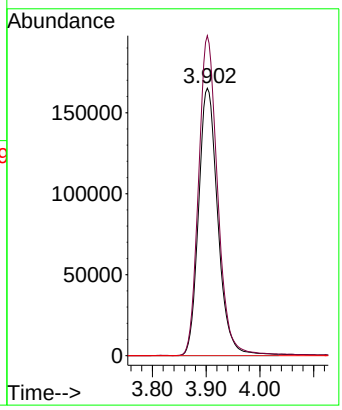


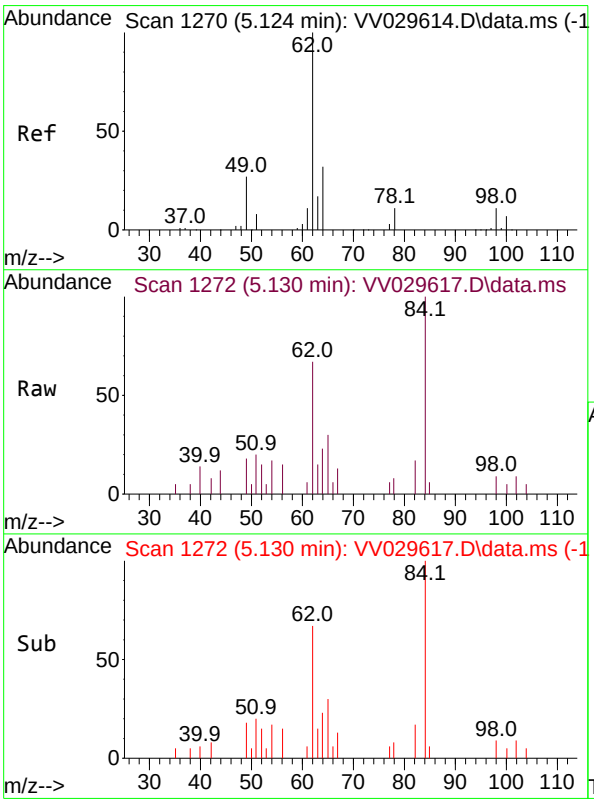
#20
cis-1,2-Dichloroethene
Concen: 111.651 ug/L
RT: 3.902 min Scan# 8
Delta R.T. -0.003 min
Lab File: VV029617.D
Acq: 13 Dec 2022 00:04

Instrument :
MSVOA_V
ClientSampleId :
EXZ71

Tgt Ion: 96 Resp: 411560

Ion	Ratio	Lower	Upper
96	100		
61	119.6	78.0	144.9
68	0.0	0.0	0.0

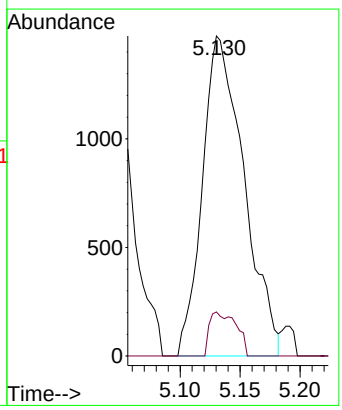


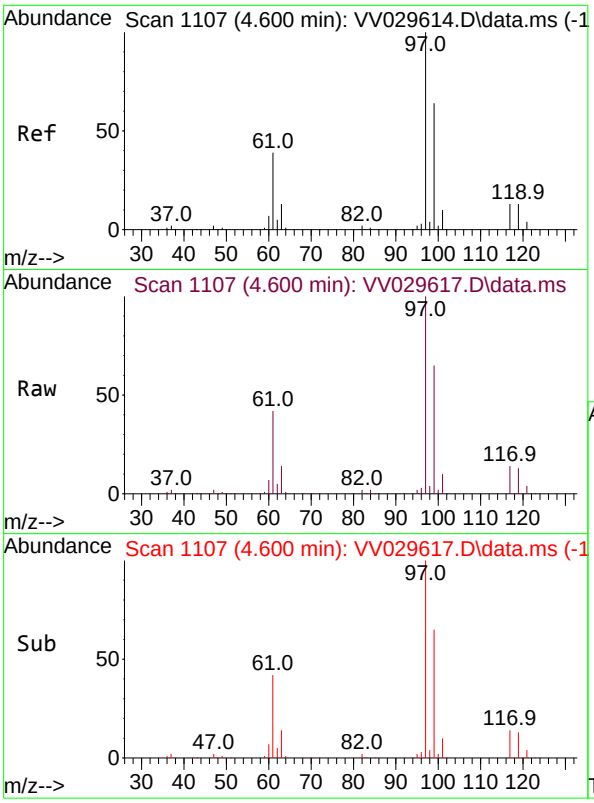


#27
1,2-Dichloroethane
Concen: 0.844 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.007 min
Lab File: VV029617.D
Acq: 13 Dec 2022 00:04

Tgt Ion: 62 Resp: 3549

Ion	Ratio	Lower	Upper
62	100		
98	13.8	9.4	14.0



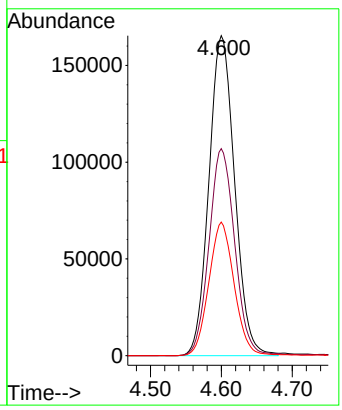


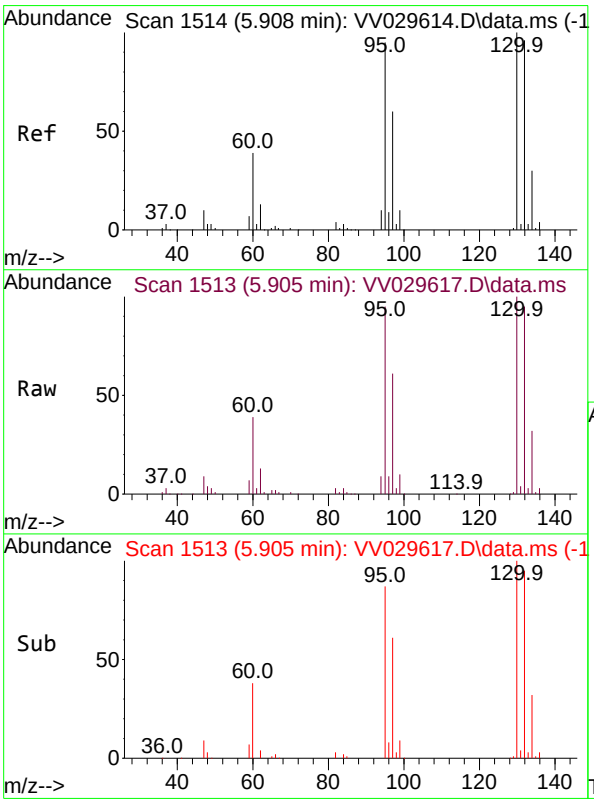
#30
1,1,1-Trichloroethane
Concen: 76.898 ug/L
RT: 4.600 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV029617.D
Acq: 13 Dec 2022 00:04

Instrument :
MSVOA_V
ClientSampleId :
EXZ71

Tgt Ion: 97 Resp: 417738

Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.1	78.1
61	41.0	31.8	47.8

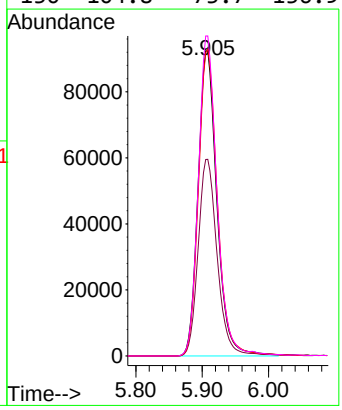


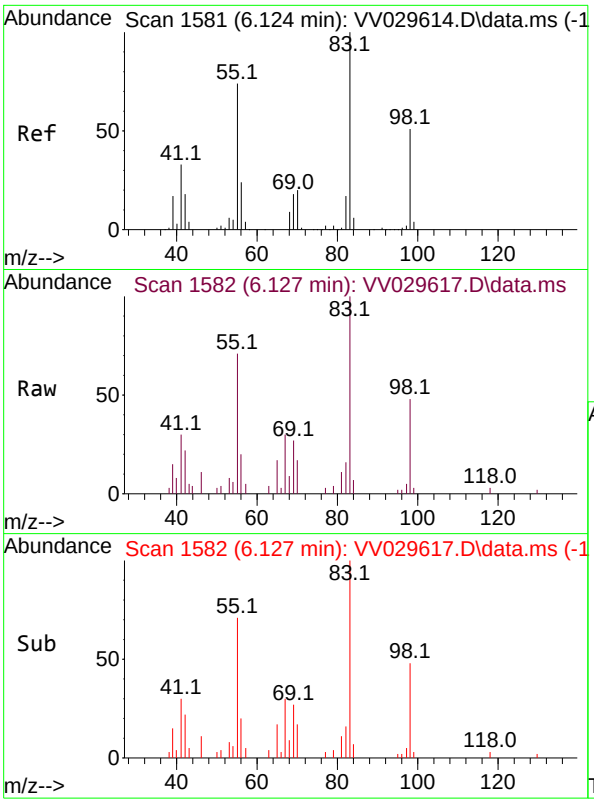


#34
Trichloroethene
Concen: 51.851 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VV029617.D
Acq: 13 Dec 2022 00:04

Tgt Ion: 95 Resp: 182612

Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.0	81.8
132	99.2	69.9	129.9
130	104.8	73.7	136.9



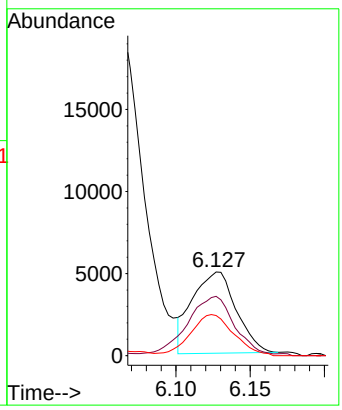


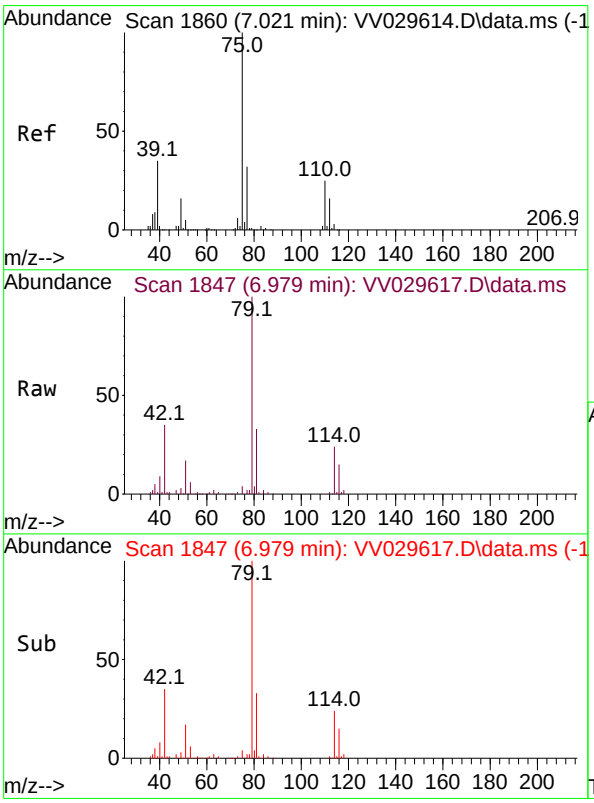
#35
Methylcyclohexane
Concen: 1.700 ug/L
RT: 6.127 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029617.D
Acq: 13 Dec 2022 00:04

Instrument :
MSVOA_V
ClientSampleId :
EXZ71

Tgt Ion: 83 Resp: 10171

Ion	Ratio	Lower	Upper
83	100		
55	79.4	55.5	83.3
98	50.1	39.8	59.8

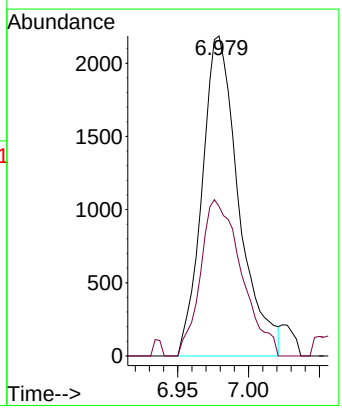


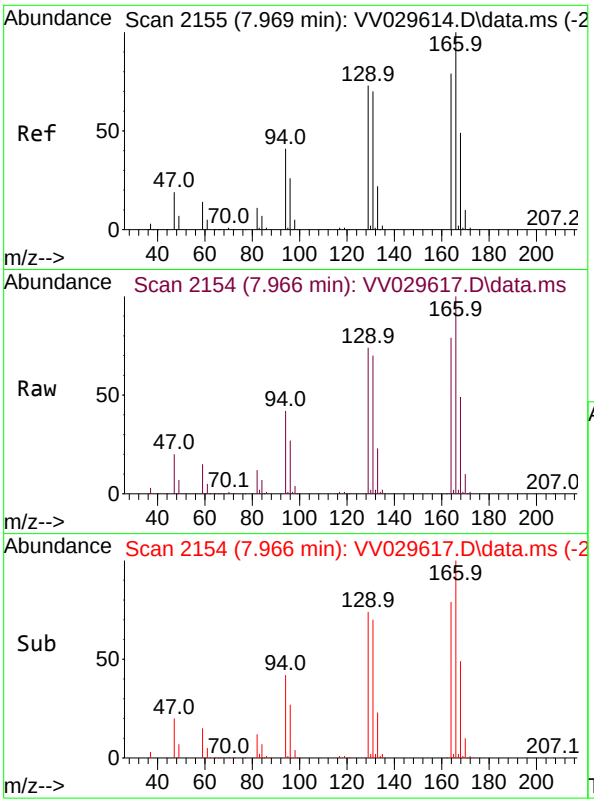


#39
cis-1,3-Dichloropropene
Concen: 0.706 ug/L
RT: 6.979 min Scan# 1847
Delta R.T. -0.042 min
Lab File: VV029617.D
Acq: 13 Dec 2022 00:04

Tgt Ion: 75 Resp: 3937

Ion	Ratio	Lower	Upper
75	100		
77	46.7	21.9	40.7#



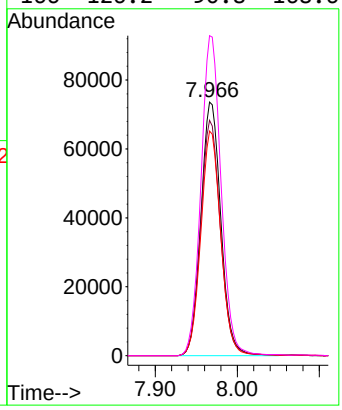


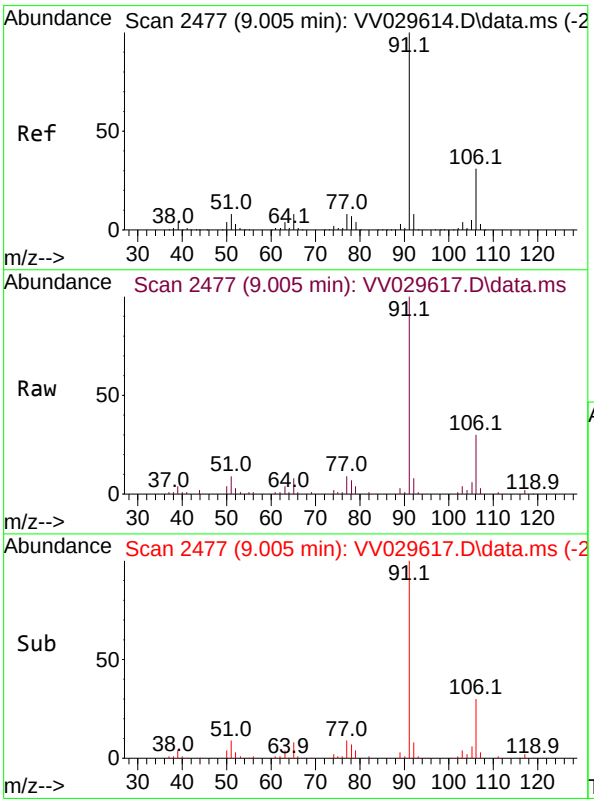
#46
Tetrachloroethene
Concen: 43.997 ug/L
RT: 7.966 min Scan# 2
Delta R.T. -0.003 min
Lab File: VV029617.D
Acq: 13 Dec 2022 00:04

Instrument :
MSVOA_V
ClientSampleId :
EXZ71

Tgt Ion:164 Resp: 124578

Ion	Ratio	Lower	Upper
164	100		
129	92.8	65.3	121.3
131	88.5	63.1	117.1
166	126.2	90.8	168.6

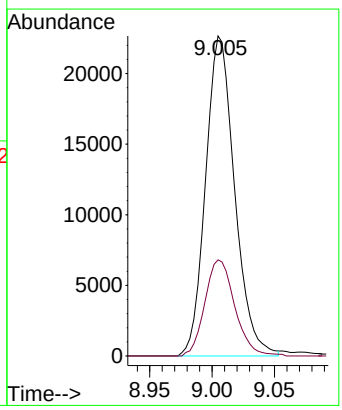


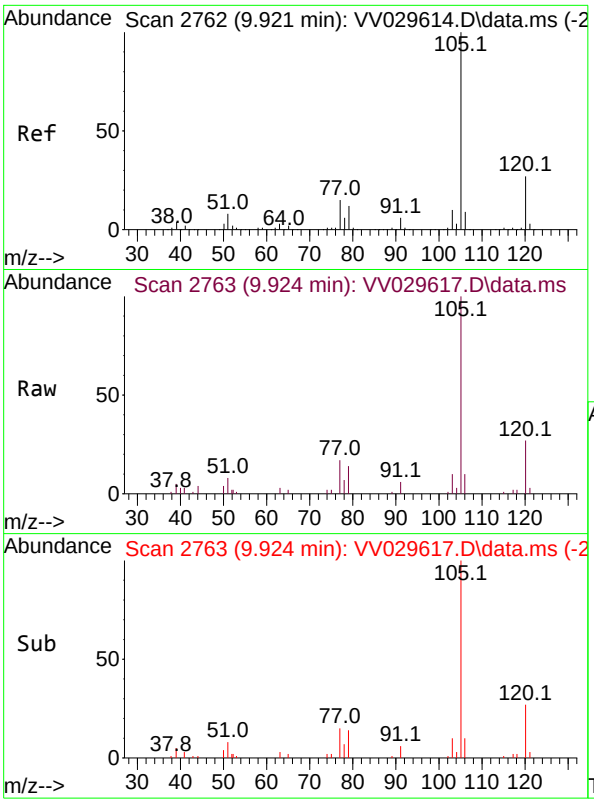


#52
Ethylbenzene
Concen: 2.314 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV029617.D
Acq: 13 Dec 2022 00:04

Tgt Ion: 91 Resp: 36807

Ion	Ratio	Lower	Upper
91	100		
106	30.1	21.8	40.6



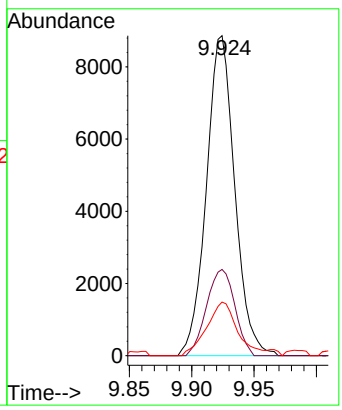


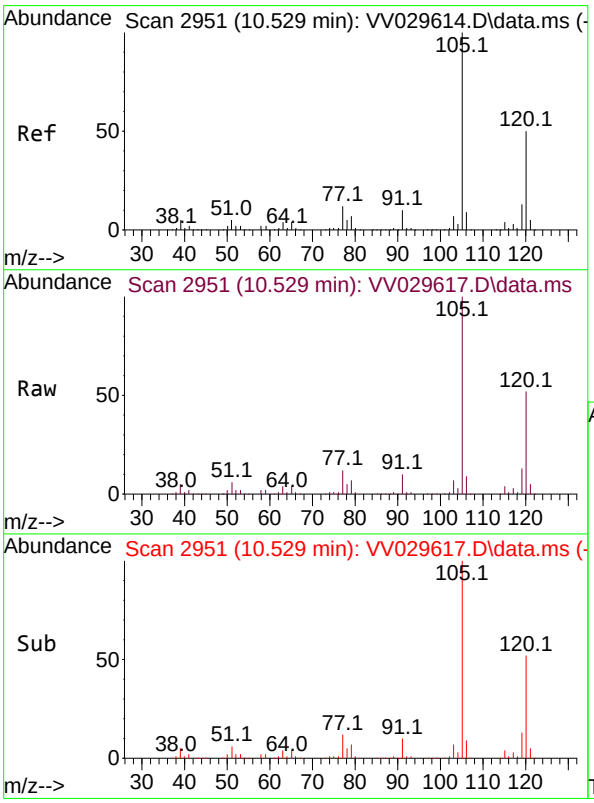
#60
Isopropylbenzene
Concen: 0.913 ug/L
RT: 9.924 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV029617.D
Acq: 13 Dec 2022 00:04

Instrument :
MSVOA_V
ClientSampleId :
EXZ71

Tgt Ion:105 Resp: 14030

Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.1	31.7
77	18.2	11.6	17.4#

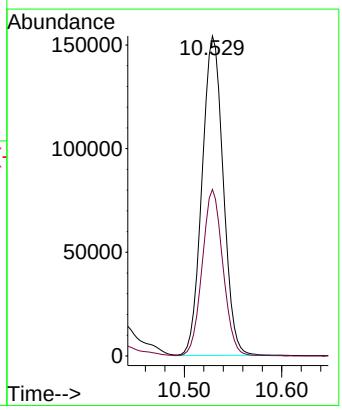


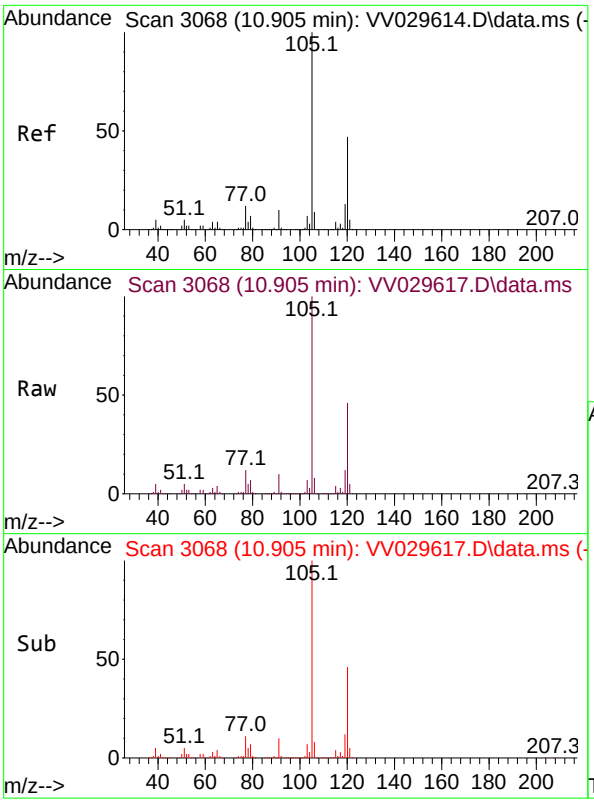


#62
1,3,5-Trimethylbenzene
Concen: 17.124 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VV029617.D
Acq: 13 Dec 2022 00:04

Tgt Ion:105 Resp: 232594

Ion	Ratio	Lower	Upper
105	100		
120	50.8	40.0	60.0



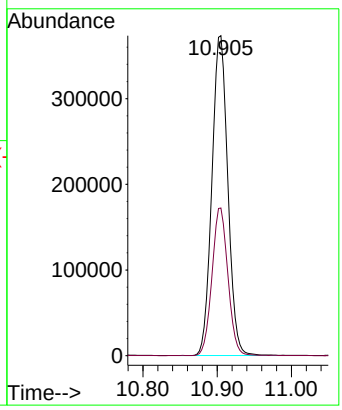


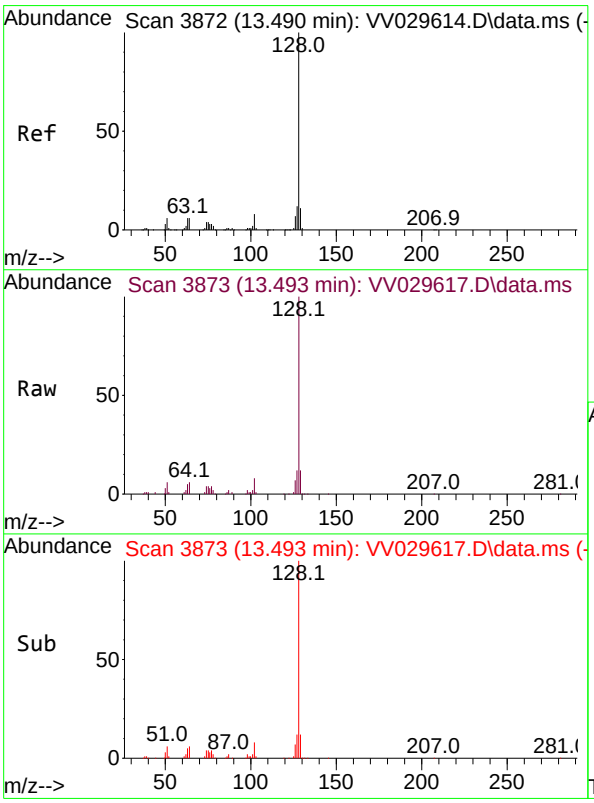
#63
1,2,4-Trimethylbenzene
Concen: 41.292 ug/L
RT: 10.905 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV029617.D
Acq: 13 Dec 2022 00:04

Instrument :
MSVOA_V
ClientSampleId :
EXZ71

Tgt Ion:105 Resp: 555962

Ion	Ratio	Lower	Upper
105	100		
120	46.0	36.7	55.1





#71
Naphthalene
Concen: 5.551 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV029617.D
Acq: 13 Dec 2022 00:04

Tgt Ion:128 Resp: 66930

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	11.7	8.5	12.7