Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112022\
Data File : VV029251.D
Acq On : 21 Nov 2022 02:36
Operator : SY/MD
Sample : N5725-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB56

Quant Time: Nov 21 03:57:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 21 03:37:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	412257	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	366718	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	181303	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	110742	4.406	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.200%			
7) Chloroethane-d5	1.561	69	99016	4.481	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.600%			
11) 1,1-Dichloroethene-d2	2.102	63	144524	3.155	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.200%			
20) 2-Butanone-d5	3.889	46	256627	60.997	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.000%			
24) Chloroform-d	4.336	84	219712	4.258	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.200%			
26) 1,2-Dichloroethane-d4	5.024	65	97399	4.195	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.000%			
32) Benzene-d6	5.040	84	452056	4.130	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.600%			
36) 1,2-Dichloropropane-d6	6.060	67	140027	4.581	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.600%			
41) Toluene-d8	7.307	98	393187	3.990	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.800%			
43) trans-1,3-Dichloroprop...	7.613	79	46467	4.661	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.200%			
46) 2-Hexanone-d5	8.082	63	186239	43.767	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.540%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	97207	4.587	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.800%			
66) 1,2-Dichlorobenzene-d4	11.612	152	147863	4.558	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.200%			
Target Compounds						Qvalue
3) Chloromethane	1.237	50	13116	0.460	ug/L	96
13) Acetone	2.192	43	50463	18.646	ug/L	86
14) Carbon disulfide	2.291	76	41766	0.471	ug/L	98
16) Methylene chloride	2.500	84	9868	0.306	ug/L	93
18) trans-1,2-Dichloroethene	2.754	96	10833	0.374	ug/L	92
25) Chloroform	4.365	83	31766	0.640	ug/L	98
34) Trichloroethene	5.905	95	8023	0.280	ug/L	94
42) Toluene	7.381	91	178019	1.470	ug/L	98
47) Tetrachloroethene	7.966	164	10896	0.474	ug/L	99
52) Ethylbenzene	9.005	91	16024	0.127	ug/L	99
53) m,p-Xylene	9.130	106	19457	0.388	ug/L	98
54) o-Xylene	9.535	106	7379	0.155	ug/L	93
55) Styrene	9.555	104	6900	0.086	ug/L	91

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

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Misc : 25.0mL/MSVOA_V/WATER
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Quant Time: Nov 21 03:57:40 2022
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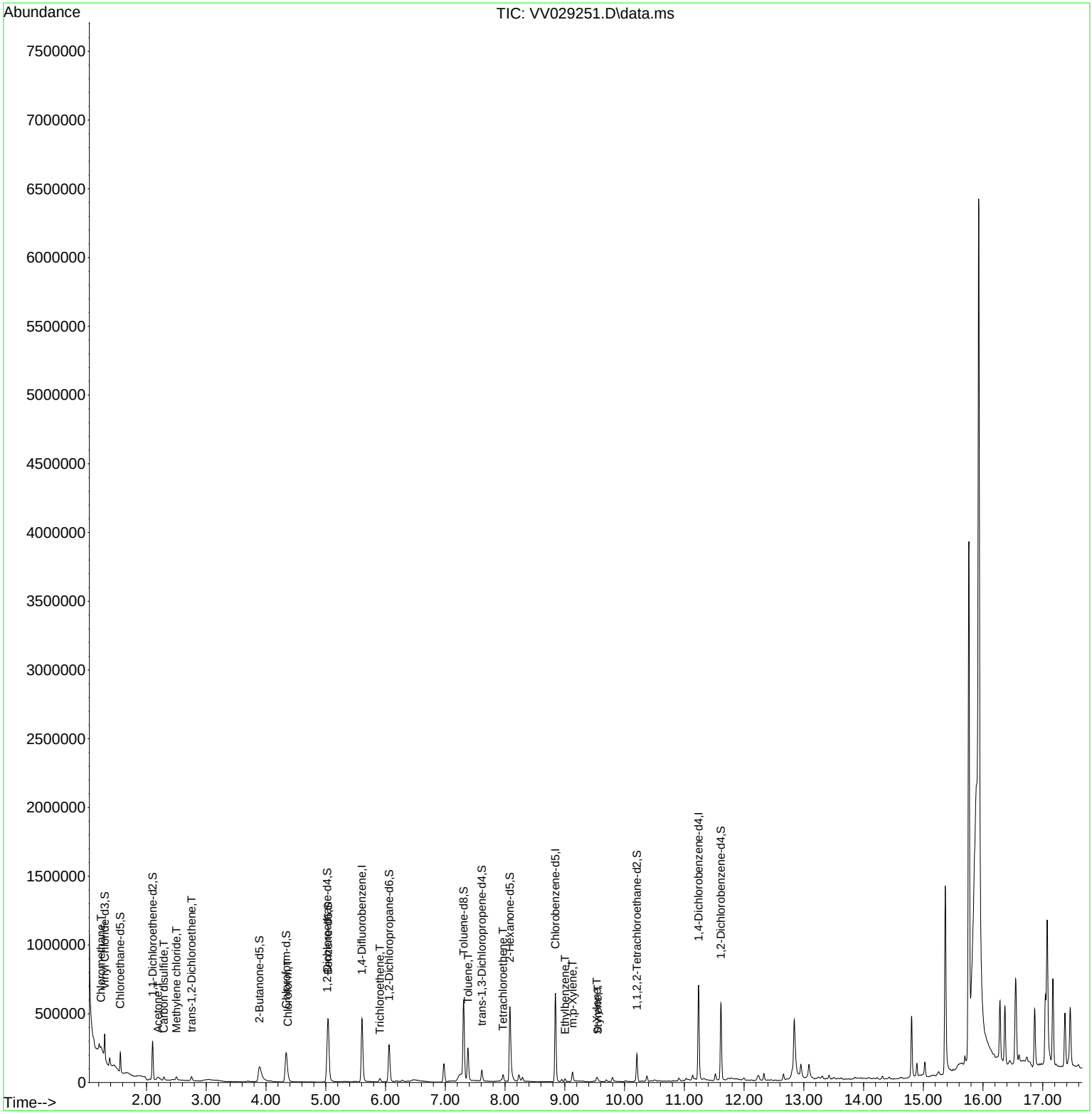
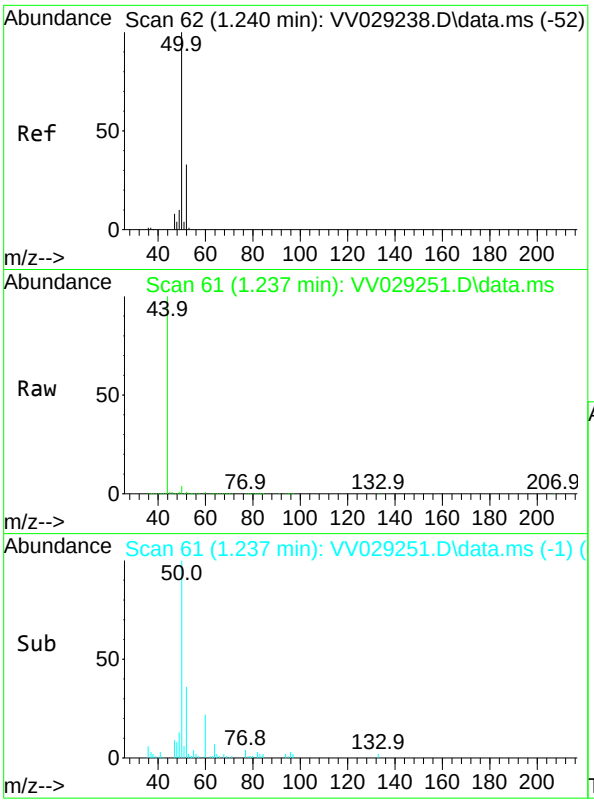
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 21 03:37:08 2022
Response via : Initial Calibration



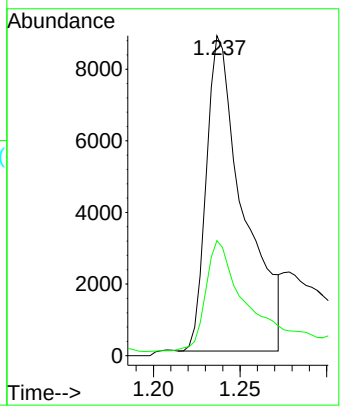


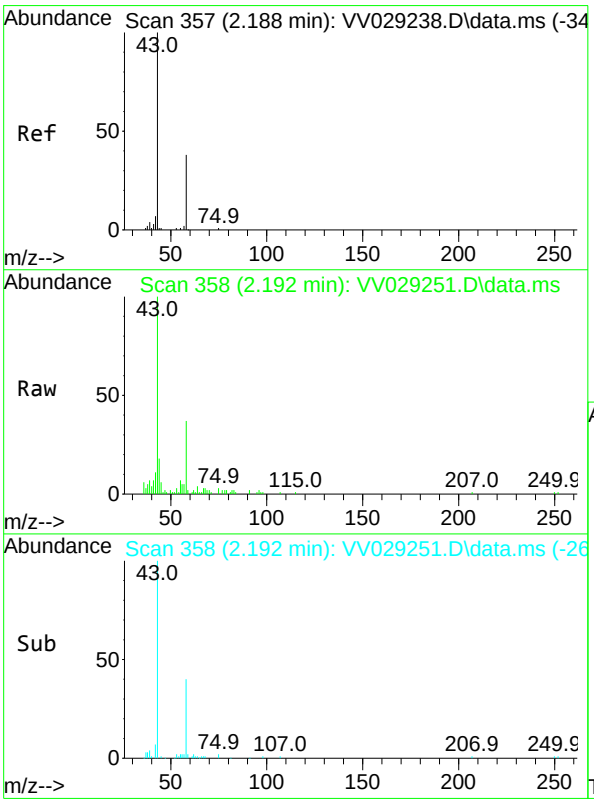
#3
Chloromethane
Concen: 0.460 ug/L
RT: 1.237 min Scan# 6
Delta R.T. -0.003 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

Instrument :
MSVOA_V
ClientSampleId :
BHB56

Tgt Ion: 50 Resp: 13116

Ion	Ratio	Lower	Upper
50	100		
52	36.0	23.7	43.9

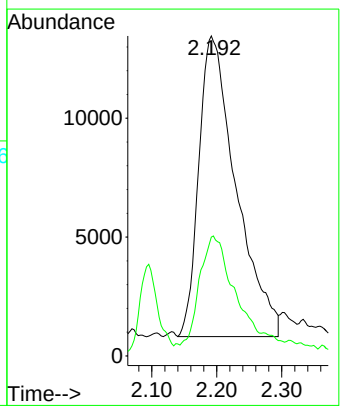


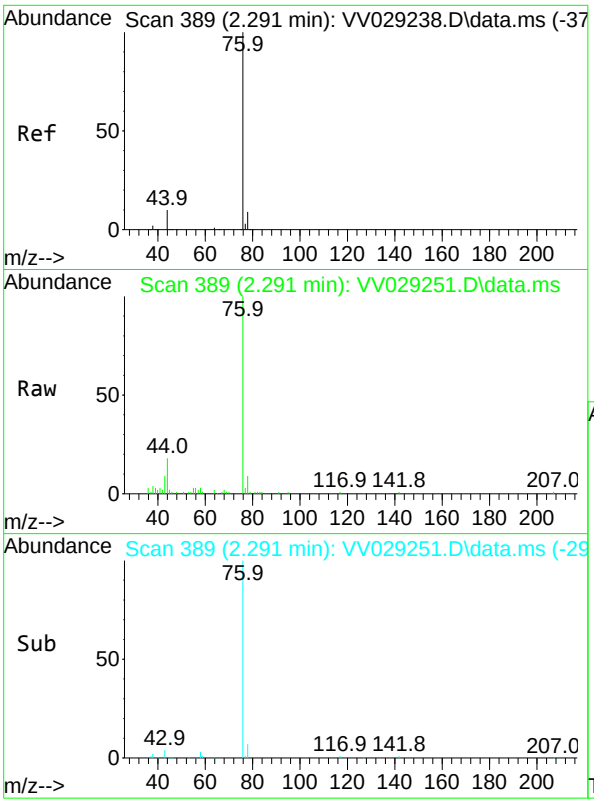


#13
Acetone
Concen: 18.646 ug/L
RT: 2.192 min Scan# 358
Delta R.T. 0.003 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

Tgt Ion: 43 Resp: 50463

Ion	Ratio	Lower	Upper
43	100		
58	35.6	0.0	56.6



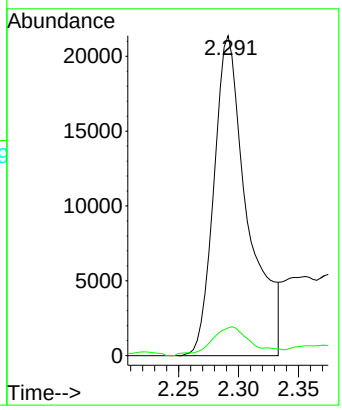


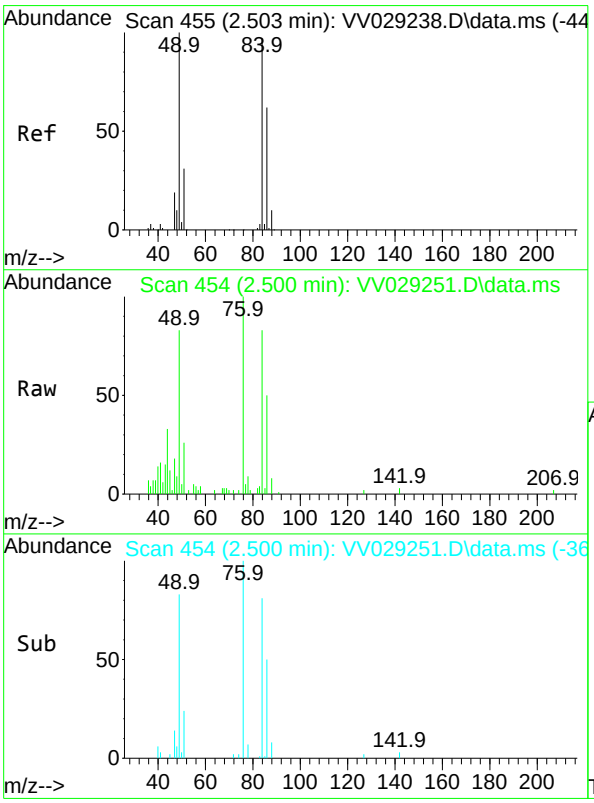
#14
Carbon disulfide
Concen: 0.471 ug/L
RT: 2.291 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

Instrument :
MSVOA_V
ClientSampleId :
BHB56

Tgt Ion: 76 Resp: 41766

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.2

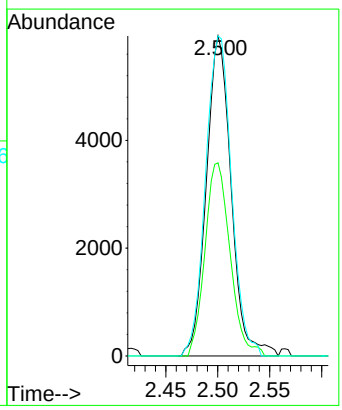


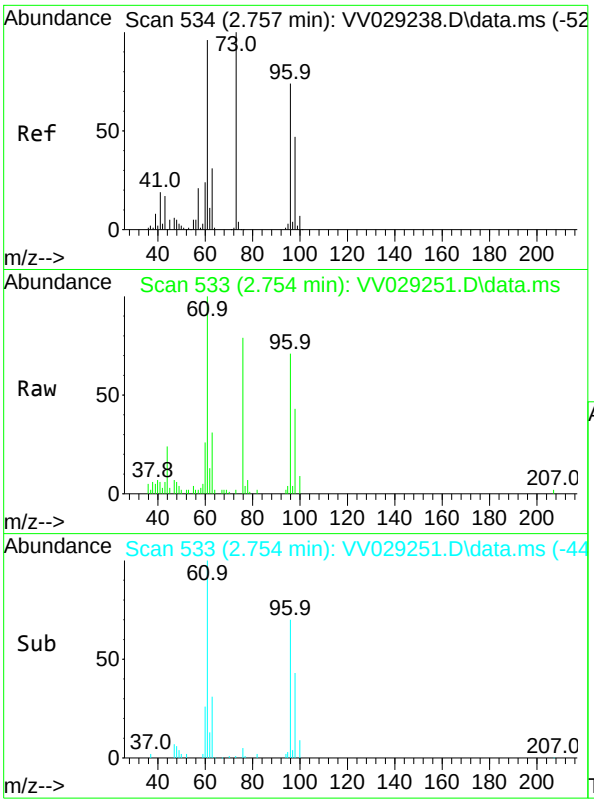


#16
Methylene chloride
Concen: 0.306 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

Tgt Ion: 84 Resp: 9868

Ion	Ratio	Lower	Upper
84	100		
86	60.3	45.8	85.0
49	100.0	75.5	140.1



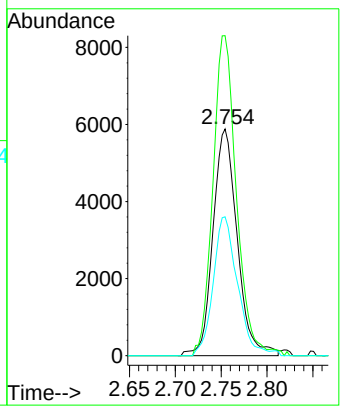


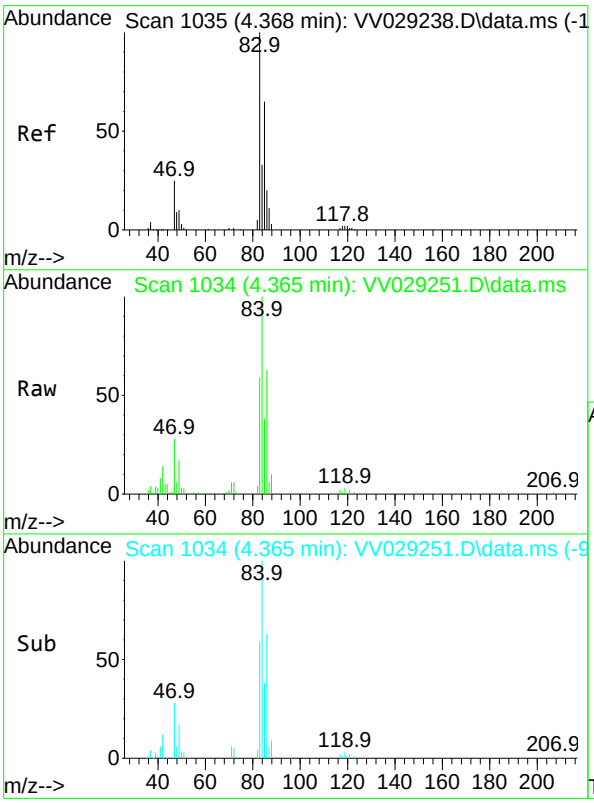
#18
trans-1,2-Dichloroethene
Concen: 0.374 ug/L
RT: 2.754 min Scan# 5
Delta R.T. -0.003 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

Instrument :
MSVOA_V
ClientSampleId :
BHB56

Tgt Ion: 96 Resp: 10833

Ion	Ratio	Lower	Upper
96	100		
61	141.2	91.8	170.6
98	61.2	46.4	86.2

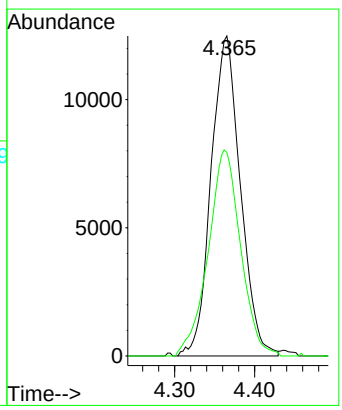


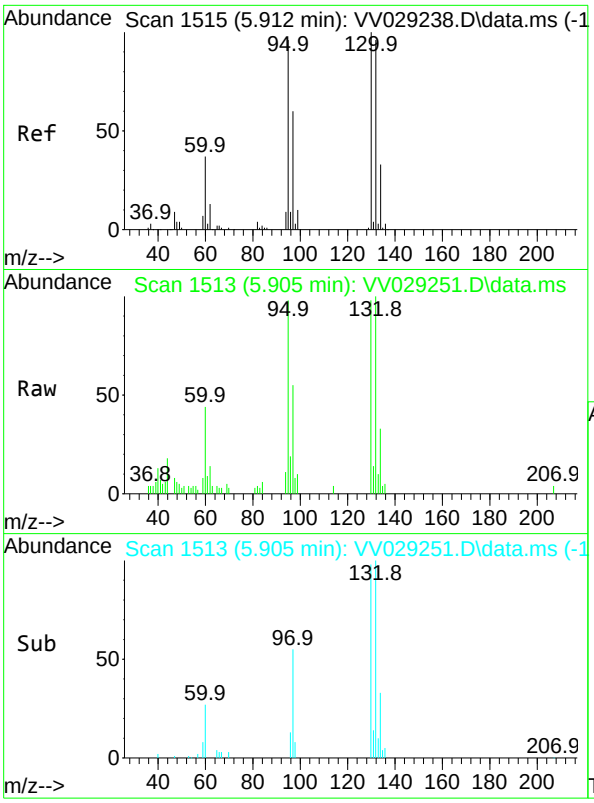


#25
Chloroform
Concen: 0.640 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

Tgt Ion: 83 Resp: 31766

Ion	Ratio	Lower	Upper
83	100		
85	63.6	43.7	81.1



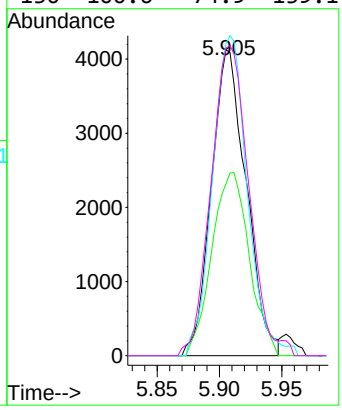


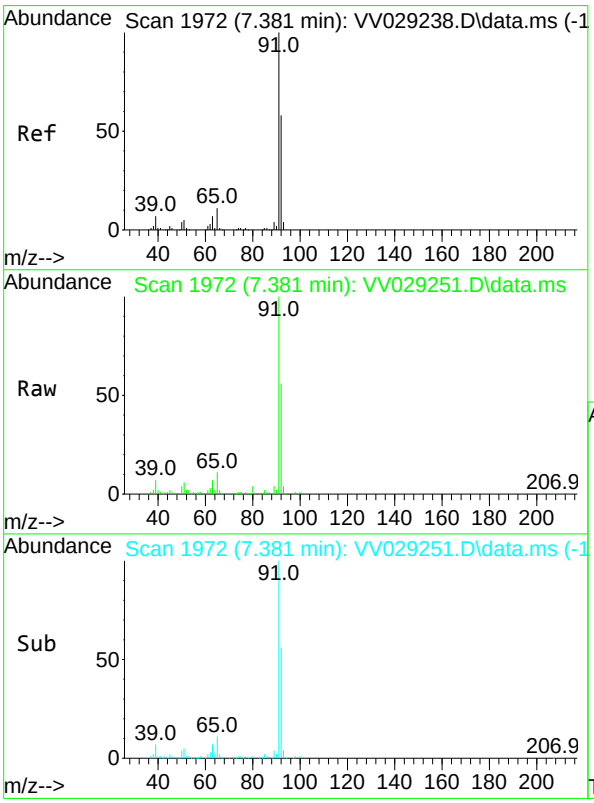
#34
Trichloroethene
Concen: 0.280 ug/L
RT: 5.905 min Scan# 1
Delta R.T. -0.006 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

Instrument :
MSVOA_V
ClientSampleId :
BHB56

Tgt Ion: 95 Resp: 8023

Ion	Ratio	Lower	Upper
95	100		
97	56.2	45.6	84.8
132	102.1	69.1	128.3
130	100.6	74.9	139.1

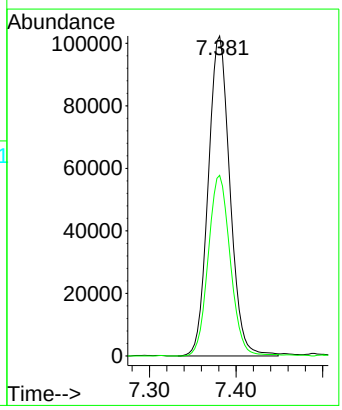


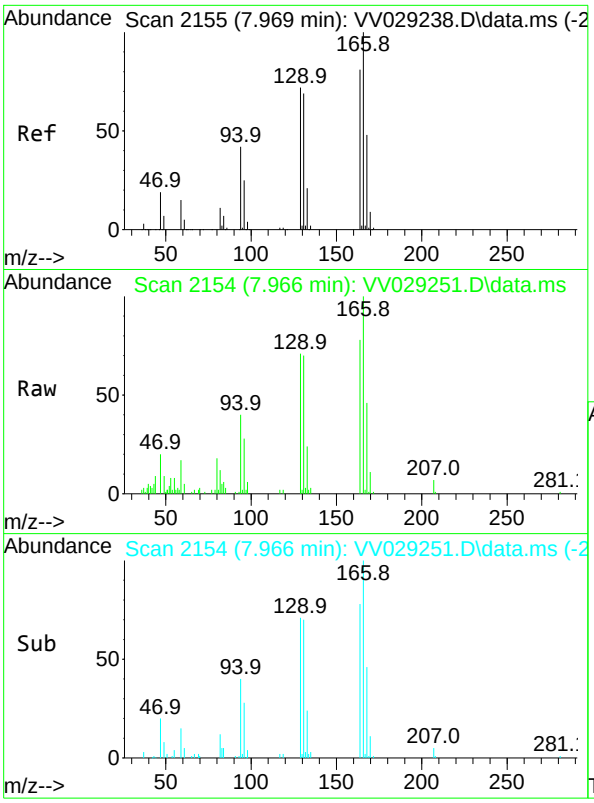


#42
Toluene
Concen: 1.470 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

Tgt Ion: 91 Resp: 178019

Ion	Ratio	Lower	Upper
91	100		
92	56.5	40.7	75.5



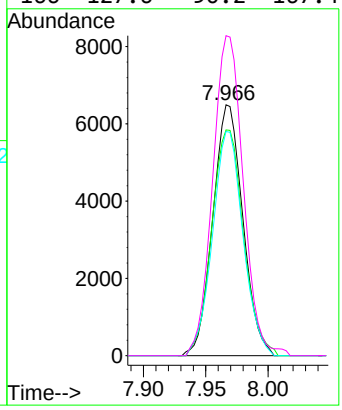


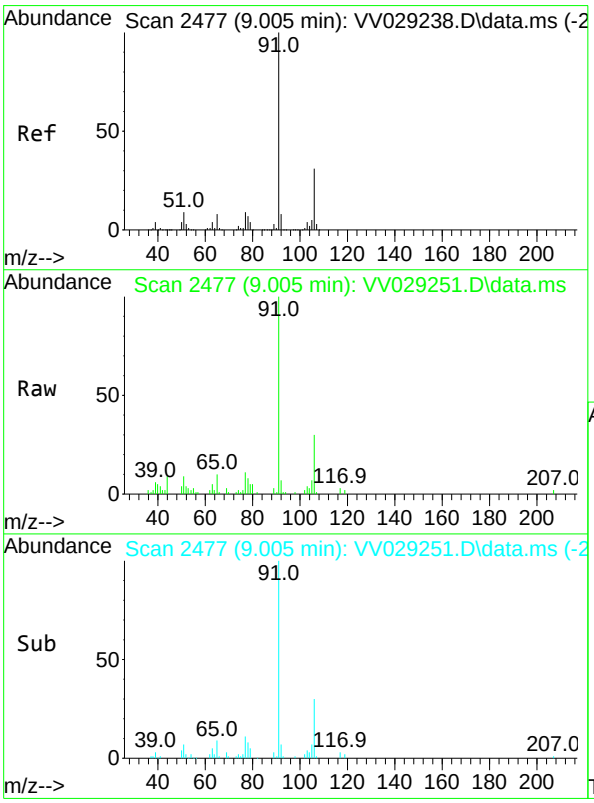
#47
Tetrachloroethene
Concen: 0.474 ug/L
RT: 7.966 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

Instrument :
MSVOA_V
ClientSampleId :
BHB56

Tgt Ion:164 Resp: 10896

Ion	Ratio	Lower	Upper
164	100		
129	90.0	63.9	118.7
131	89.4	61.8	114.8
166	127.6	90.2	167.4

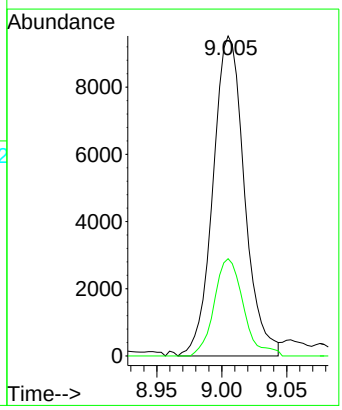


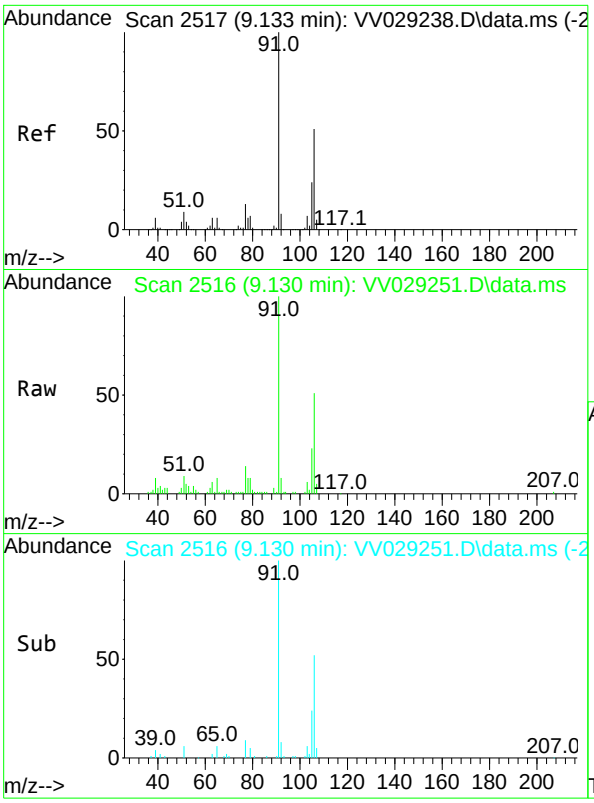


#52
Ethylbenzene
Concen: 0.127 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

Tgt Ion: 91 Resp: 16024

Ion	Ratio	Lower	Upper
91	100		
106	30.4	21.6	40.2



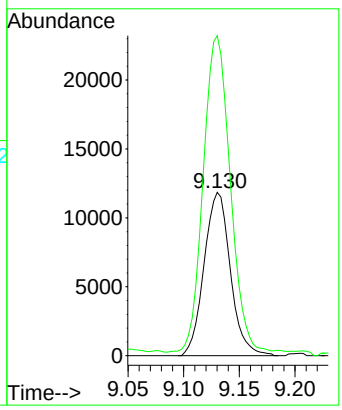


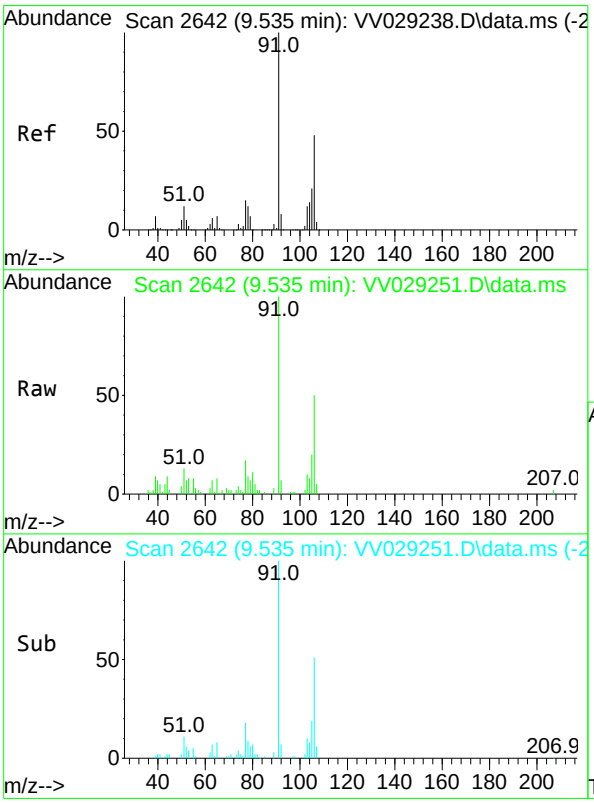
#53
m,p-Xylene
Concen: 0.388 ug/L
RT: 9.130 min Scan# 2
Delta R.T. -0.003 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

Instrument :
MSVOA_V
ClientSampleId :
BHB56

Tgt Ion:106 Resp: 19457

Ion	Ratio	Lower	Upper
106	100		
91	195.9	139.1	258.3

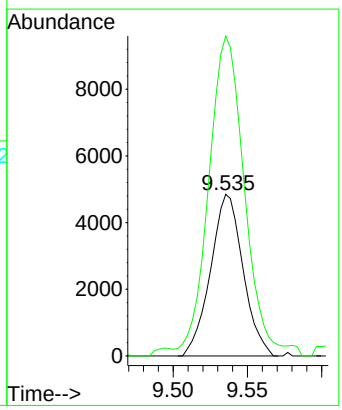


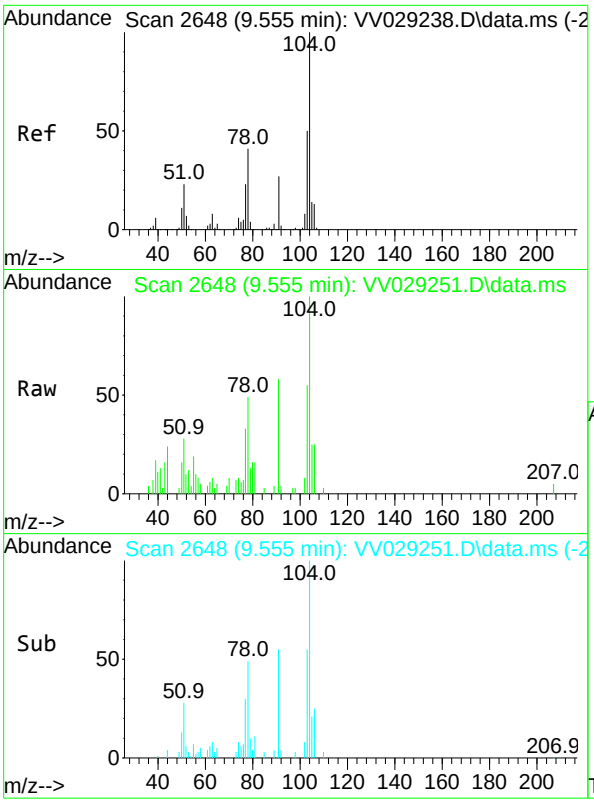


#54
o-Xylene
Concen: 0.155 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

Tgt Ion:106 Resp: 7379

Ion	Ratio	Lower	Upper
106	100		
91	198.1	145.7	270.7





#55
Styrene
Concen: 0.086 ug/L
RT: 9.555 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

Instrument :
MSVOA_V
ClientSampleId :
BHB56

Tgt Ion:104 Resp: 6900

Ion	Ratio	Lower	Upper
104	100		
78	49.1	30.1	55.9