Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121521\
Data File : VV023990.D
Acq On : 15 Dec 2021 18:50
Operator : SY/MD
Sample : M4971-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3E7

Quant Time: Dec 16 04:51:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 16 04:44:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	92720	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	100854	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50212	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	16568	3.324	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 66.400%			
7) Chloroethane-d5	1.568	69	17195	4.135	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.600%			
11) 1,1-Dichloroethene-d2	2.105	63	23998	2.466	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 49.400%#			
20) 2-Butanone-d5	3.902	46	47840	49.126	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.260%			
24) Chloroform-d	4.349	84	51999	4.606	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.200%			
26) 1,2-Dichloroethane-d4	5.034	65	25903	4.927	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.600%			
32) Benzene-d6	5.053	84	80139	4.012	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.200%			
36) 1,2-Dichloropropane-d6	6.069	67	27437	4.553	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.000%			
41) Toluene-d8	7.317	98	59260	3.295	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 66.000%#			
43) trans-1,3-Dichloroprop...	7.625	79	9333	3.733	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.600%			
46) 2-Hexanone-d5	8.091	63	52743	47.124	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.240%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23320	4.665	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.200%			
66) 1,2-Dichlorobenzene-d4	11.625	152	31906	4.757	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.200%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1103	0.160	ug/L	97
13) Acetone	2.191	43	4961	6.368	ug/L	78
17) Methyl tert-butyl Ether	2.770	73	1163	0.083	ug/L #	78
33) Benzene	5.104	78	30721	1.077	ug/L	100
35) Methylcyclohexane	6.072	83	6959	0.588	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	3187	0.470	ug/L #	84
42) Toluene	7.391	91	58736	1.829	ug/L	96
48) 2-Hexanone	8.149	43	3604	1.526	ug/L #	90
52) Ethylbenzene	9.018	91	4057	0.120	ug/L	87
53) m,p-xylene	9.140	106	5673	0.423	ug/L	97
54) o-xylene	9.545	106	4832	0.373	ug/L	89
60) Isopropylbenzene	9.545	105	2322	0.079	ug/L #	27
62) 1,3,5-Trimethylbenzene	10.542	105	1723	0.070	ug/L	95
63) 1,2,4-Trimethylbenzene	10.915	105	9230	0.379	ug/L	95
71) Naphthalene	13.509	128	2048	0.146	ug/L #	90

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

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Misc : 25.0mL/MSVOA_V/WATER
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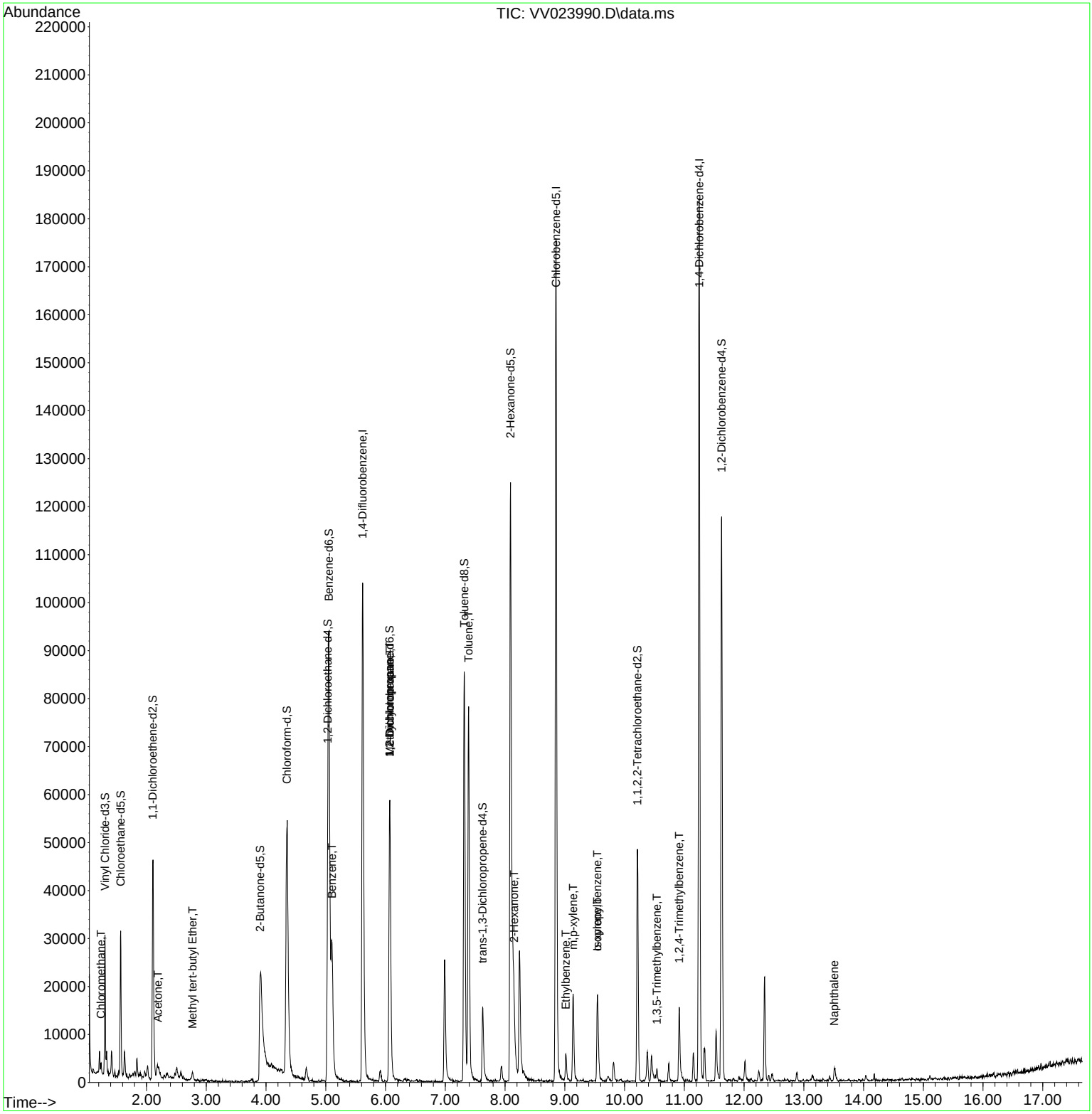
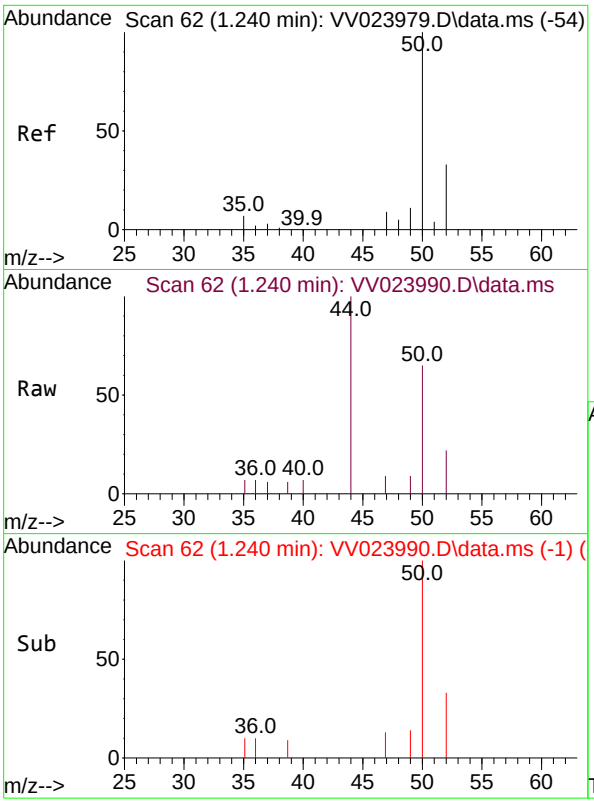
Instrument :
MSVOA_V
ClientSampleId :
BG3E7

Quant Time: Dec 16 04:51:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 16 04:44:29 2021
Response via : Initial Calibration



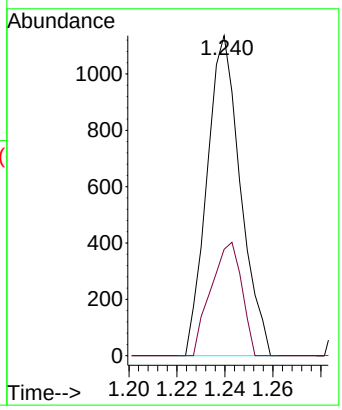


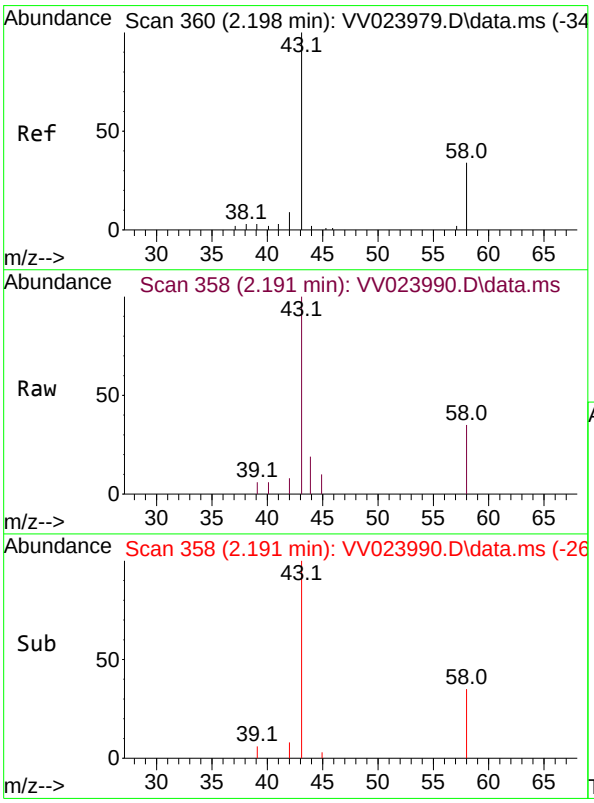
#3
Chloromethane
Concen: 0.160 ug/L
RT: 1.240 min Scan# 6
Delta R.T. -0.000 min
Lab File: VV023990.D
Acq: 15 Dec 2021 18:50

Instrument :
MSVOA_V
ClientSampleId :
BG3E7

Tgt Ion: 50 Resp: 1103

Ion	Ratio	Lower	Upper
50	100		
52	33.3	22.0	41.0

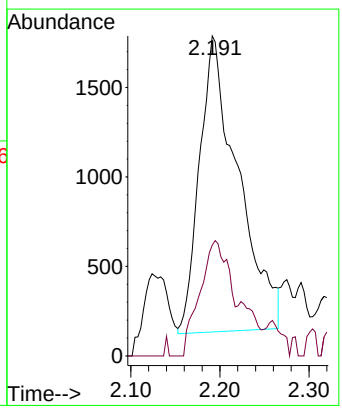


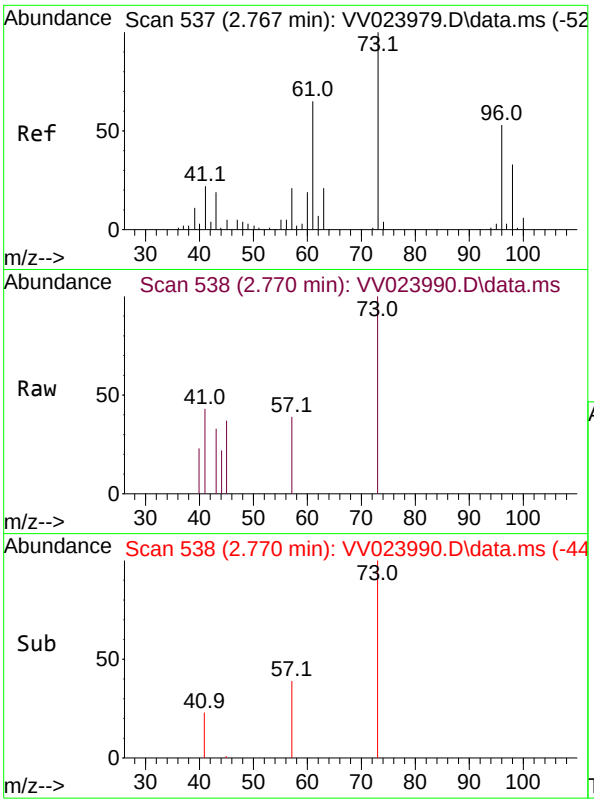


#13
Acetone
Concen: 6.368 ug/L
RT: 2.191 min Scan# 358
Delta R.T. -0.006 min
Lab File: VV023990.D
Acq: 15 Dec 2021 18:50

Tgt Ion: 43 Resp: 4961

Ion	Ratio	Lower	Upper
43	100		
58	30.7	0.0	41.4



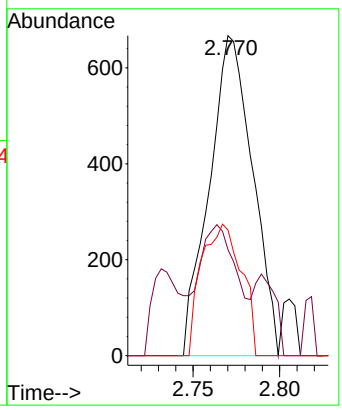


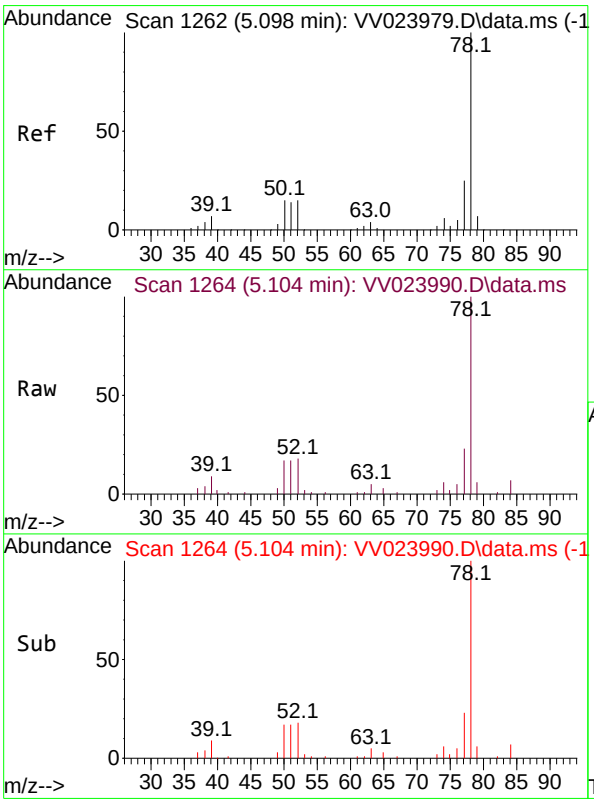
#17
Methyl tert-butyl Ether
Concen: 0.083 ug/L
RT: 2.770 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV023990.D
Acq: 15 Dec 2021 18:50

Instrument :
MSVOA_V
ClientSampleId :
BG3E7

Tgt Ion: 73 Resp: 1163

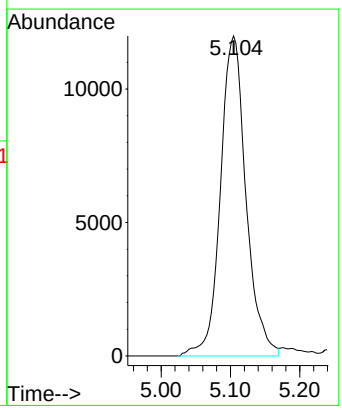
Ion	Ratio	Lower	Upper
73	100		
43	23.0	15.5	23.3
57	37.9	17.1	25.7#

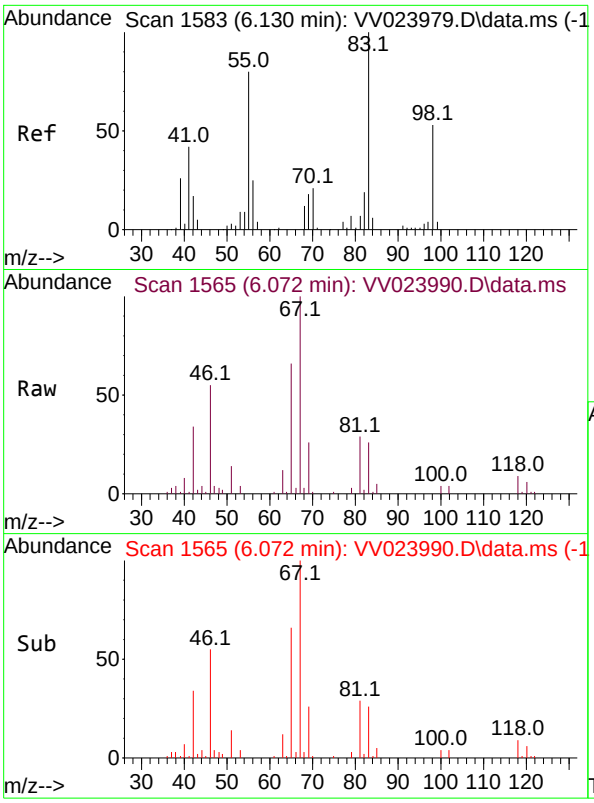




#33
Benzene
Concen: 1.077 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV023990.D
Acq: 15 Dec 2021 18:50

Tgt Ion: 78 Resp: 30721



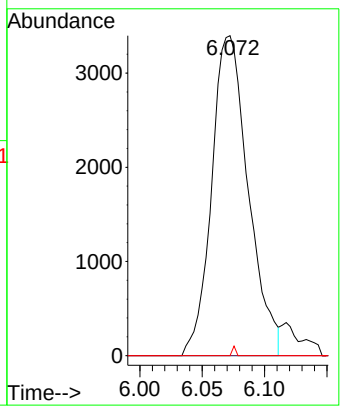


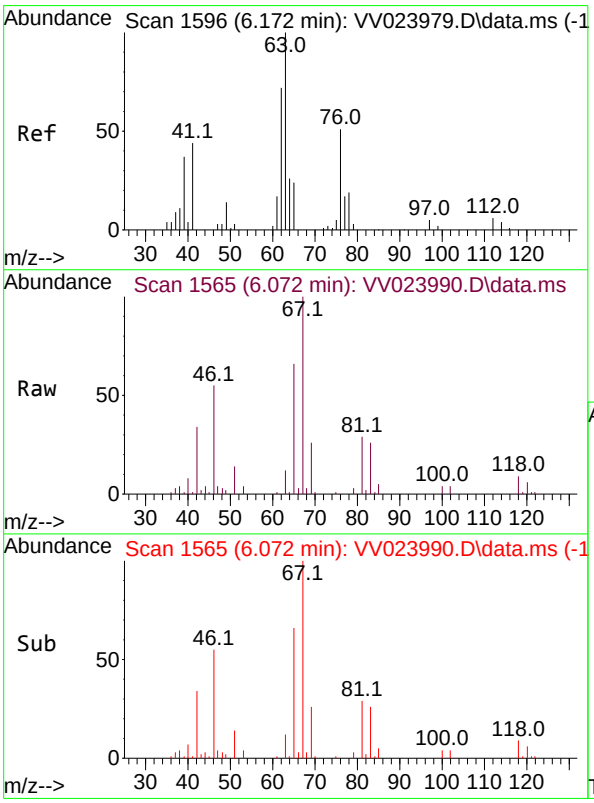
#35
Methylcyclohexane
Concen: 0.588 ug/L
RT: 6.072 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV023990.D
Acq: 15 Dec 2021 18:50

Instrument :
MSVOA_V
ClientSampleId :
BG3E7

Tgt Ion: 83 Resp: 6959

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.2#
98	0.3	41.0	61.4#

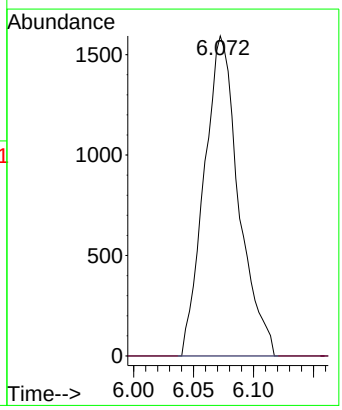


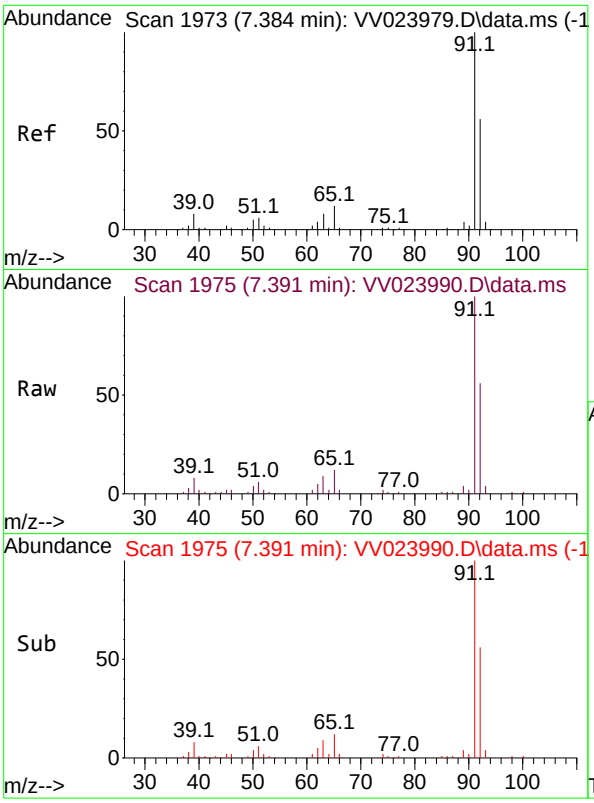


#37
1,2-Dichloropropane
Concen: 0.470 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV023990.D
Acq: 15 Dec 2021 18:50

Tgt Ion: 63 Resp: 3187

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#



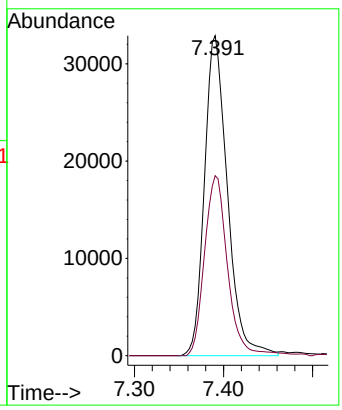


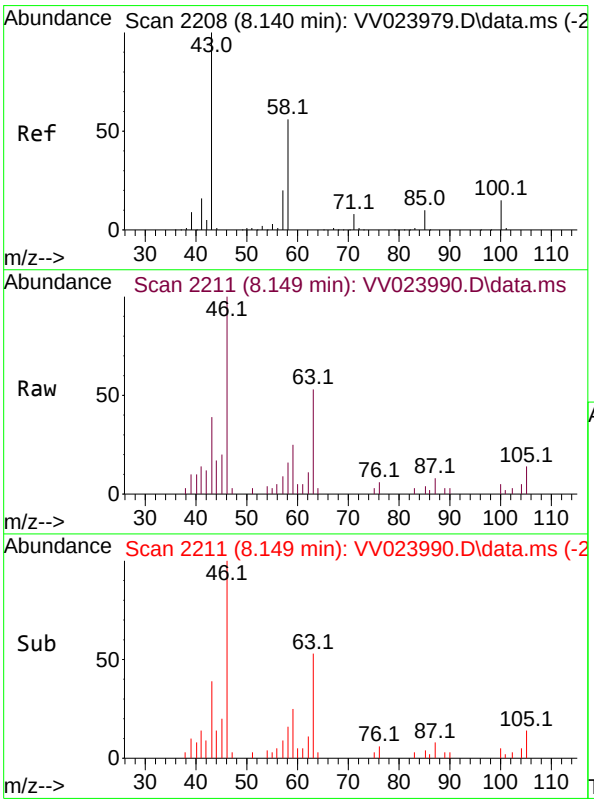
#42
Toluene
Concen: 1.829 ug/L
RT: 7.391 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV023990.D
Acq: 15 Dec 2021 18:50

Instrument :
MSVOA_V
ClientSampleId :
BG3E7

Tgt Ion: 91 Resp: 58736

Ion	Ratio	Lower	Upper
91	100		
92	56.3	41.5	77.1

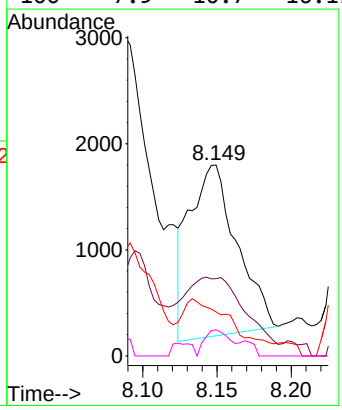


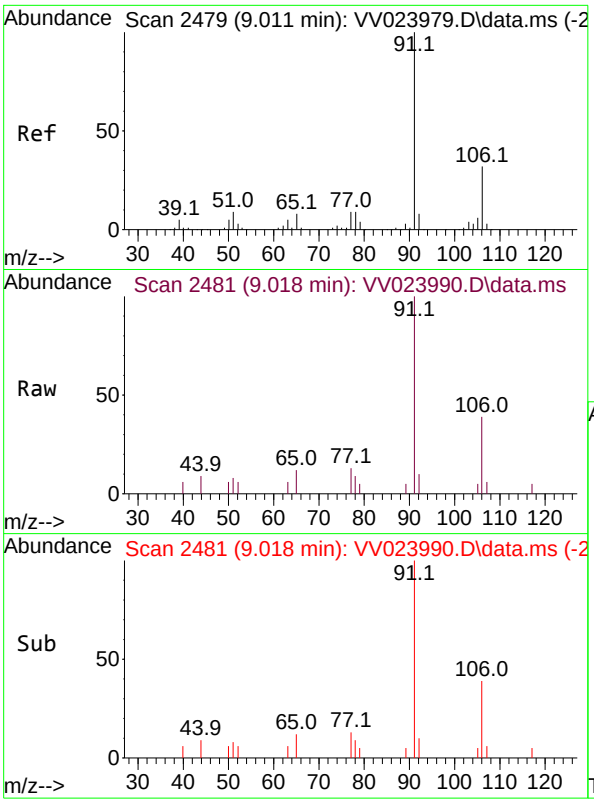


#48
2-Hexanone
Concen: 1.526 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.010 min
Lab File: VV023990.D
Acq: 15 Dec 2021 18:50

Tgt Ion: 43 Resp: 3604

Ion	Ratio	Lower	Upper
43	100		
58	59.9	44.5	66.7
57	26.9	15.1	22.7#
100	7.9	10.7	16.1#



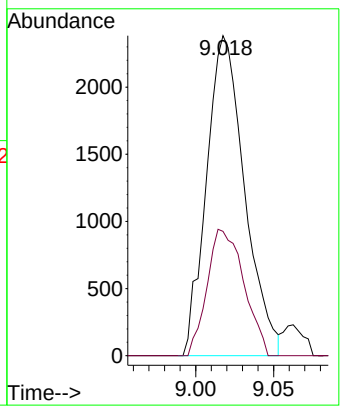


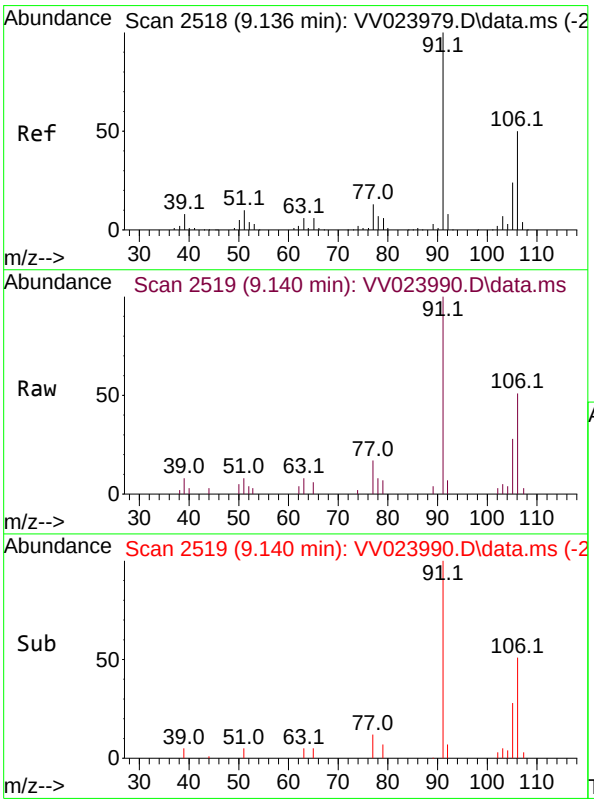
#52
Ethylbenzene
Concen: 0.120 ug/L
RT: 9.018 min Scan# 24
Delta R.T. 0.006 min
Lab File: VV023990.D
Acq: 15 Dec 2021 18:50

Instrument :
MSVOA_V
ClientSampleId :
BG3E7

Tgt Ion: 91 Resp: 4057

Ion	Ratio	Lower	Upper
91	100		
106	38.9	22.0	41.0

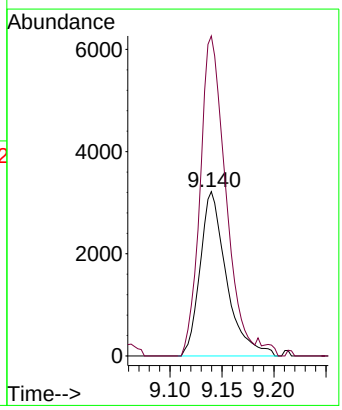


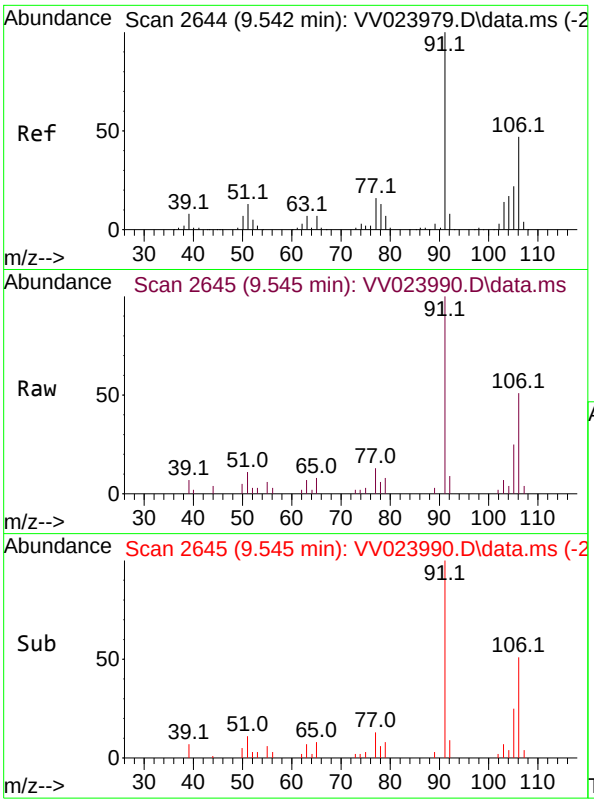


#53
m,p-xylene
Concen: 0.423 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV023990.D
Acq: 15 Dec 2021 18:50

Tgt Ion:106 Resp: 5673

Ion	Ratio	Lower	Upper
106	100		
91	194.8	139.5	259.1



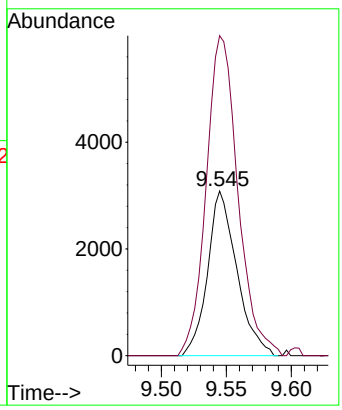


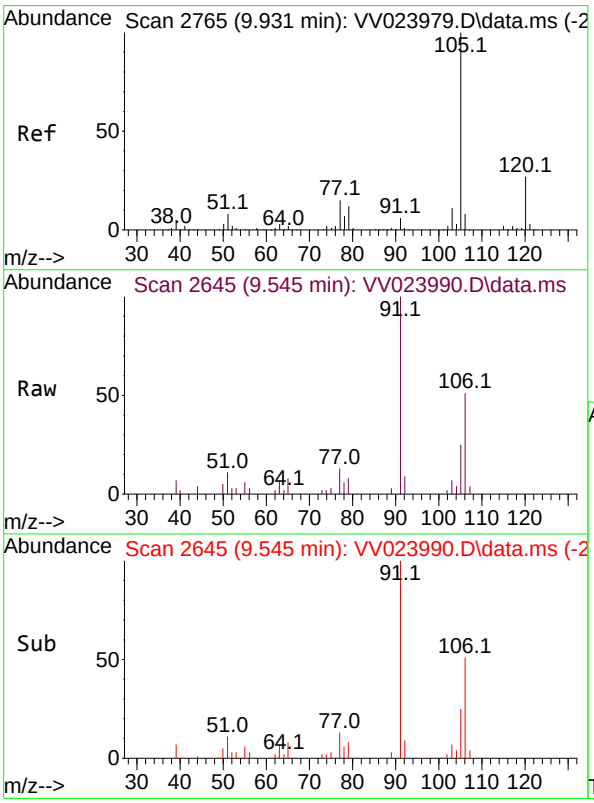
#54
o-xylene
Concen: 0.373 ug/L
RT: 9.545 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV023990.D
Acq: 15 Dec 2021 18:50

Instrument :
MSVOA_V
ClientSampleId :
BG3E7

Tgt Ion:106 Resp: 4832

Ion	Ratio	Lower	Upper
106	100		
91	194.3	147.9	274.7

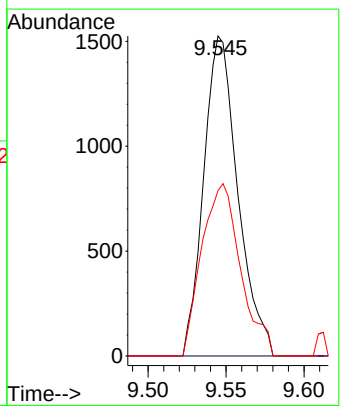


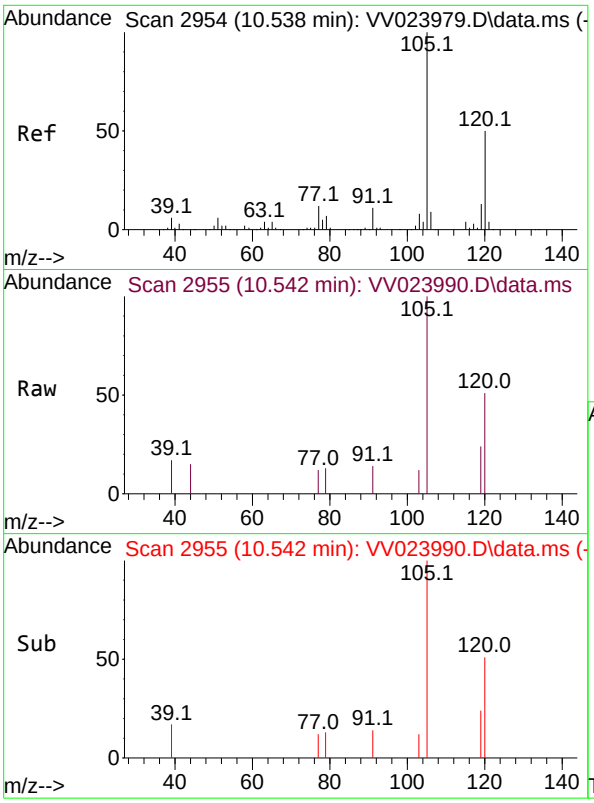


#60
Isopropylbenzene
Concen: 0.079 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.386 min
Lab File: VV023990.D
Acq: 15 Dec 2021 18:50

Tgt Ion:105 Resp: 2322

Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.4	32.0#
77	61.3	12.2	18.4#



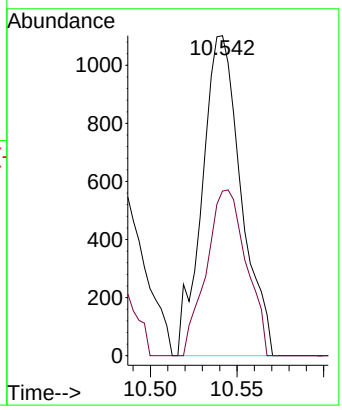


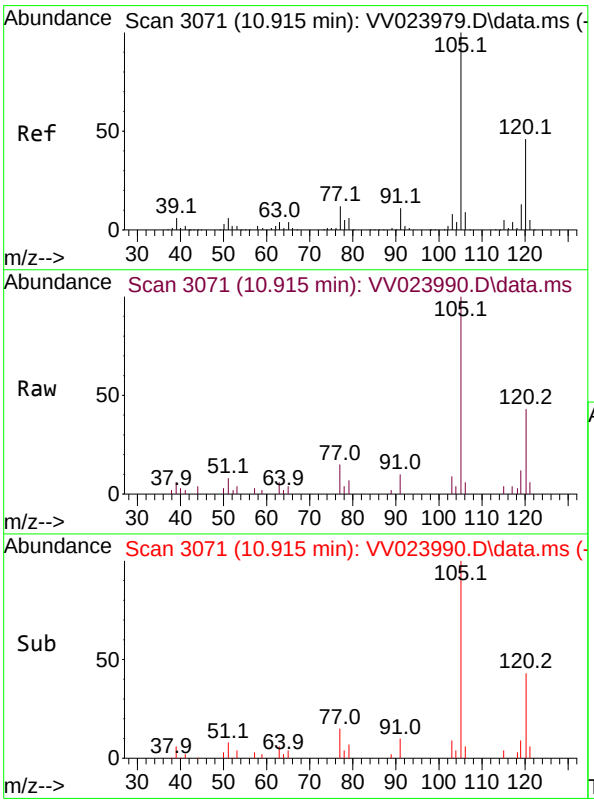
#62
1,3,5-Trimethylbenzene
Concen: 0.070 ug/L
RT: 10.542 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV023990.D
Acq: 15 Dec 2021 18:50

Instrument :
MSVOA_V
ClientSampleId :
BG3E7

Tgt Ion:105 Resp: 1723

Ion	Ratio	Lower	Upper
105	100		
120	53.3	40.1	60.1

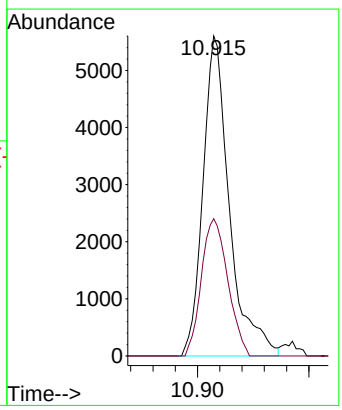


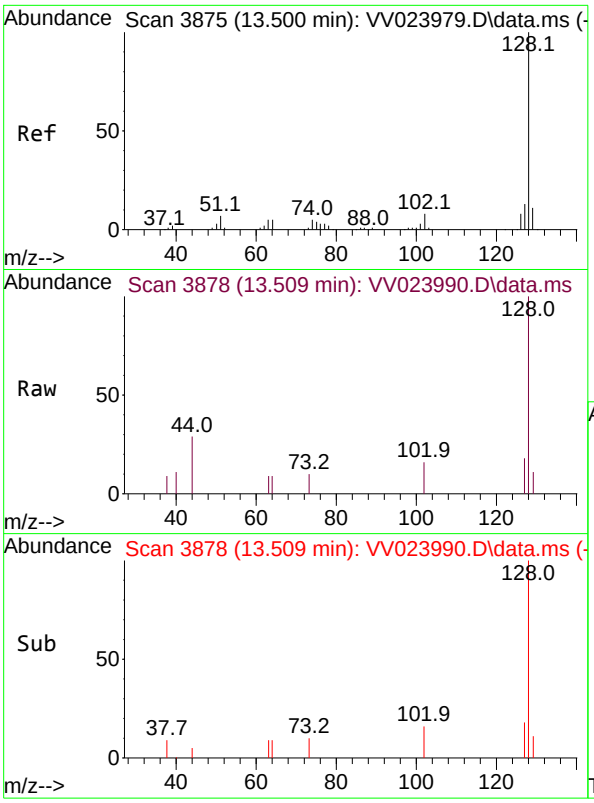


#63
1,2,4-Trimethylbenzene
Concen: 0.379 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV023990.D
Acq: 15 Dec 2021 18:50

Tgt Ion:105 Resp: 9230

Ion	Ratio	Lower	Upper
105	100		
120	42.7	36.7	55.1





#71
Naphthalene
Concen: 0.146 ug/L
RT: 13.509 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV023990.D
Acq: 15 Dec 2021 18:50

Instrument :
MSVOA_V
ClientSampleId :
BG3E7

Tgt Ion:128 Resp: 2048

Ion	Ratio	Lower	Upper
128	100		
129	8.2	9.0	13.4#
127	8.3	10.2	15.4#