Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092322\
Data File : VV028102.D
Acq On : 23 Sep 2022 14:38
Operator : SY/MD
Sample : N4621-15 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 24 01:27:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 24 01:23:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	170476	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	175955	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	85104	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	79658	4.507	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.200%			
7) Chloroethane-d5	1.561	69	67420	4.798	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.000%			
11) 1,1-Dichloroethene-d2	2.098	63	107866	3.519	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.400%			
20) 2-Butanone-d5	3.912	46	149744	50.186	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.380%			
24) Chloroform-d	4.343	84	143755	5.097	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.000%			
26) 1,2-Dichloroethane-d4	5.027	65	70592	5.260	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.200%			
32) Benzene-d6	5.043	84	263508	4.567	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.400%			
36) 1,2-Dichloropropane-d6	6.066	67	84971	4.724	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.400%			
41) Toluene-d8	7.310	98	207597	3.975	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.600%			
43) trans-1,3-Dichloroprop...	7.622	79	28863	4.443	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.800%			
46) 2-Hexanone-d5	8.088	63	131012	48.315	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.620%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	63479	5.163	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.200%			
66) 1,2-Dichlorobenzene-d4	11.622	152	86134	5.160	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.200%			
Target Compounds						Qvalue
3) Chloromethane	1.233	50	768	0.046	ug/L	93
5) Vinyl chloride	1.304	62	674	0.051	ug/L #	1
16) Methylene chloride	2.500	84	5899	0.449	ug/L	81
17) Methyl tert-butyl Ether	2.770	73	3876	0.153	ug/L #	93
22) cis-1,2-Dichloroethene	3.908	96	647	0.048	ug/L	81
25) Chloroform	4.359	83	1622	0.067	ug/L #	55
35) Methylcyclohexane	6.063	83	20228	1.213	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	9892	0.722	ug/L #	87
39) cis-1,3-Dichloropropene	6.979	75	2109	0.124	ug/L #	70
51) Chlorobenzene	8.879	112	92657	2.710	ug/L	99
53) m,p-Xylene	9.146	106	935	0.045	ug/L	79
60) Isopropylbenzene	9.931	105	9212	0.184	ug/L #	95
62) 1,3,5-Trimethylbenzene	10.545	105	990	0.070	ug/L	97
71) Naphthalene	13.509	128	1478	0.057	ug/L #	95

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

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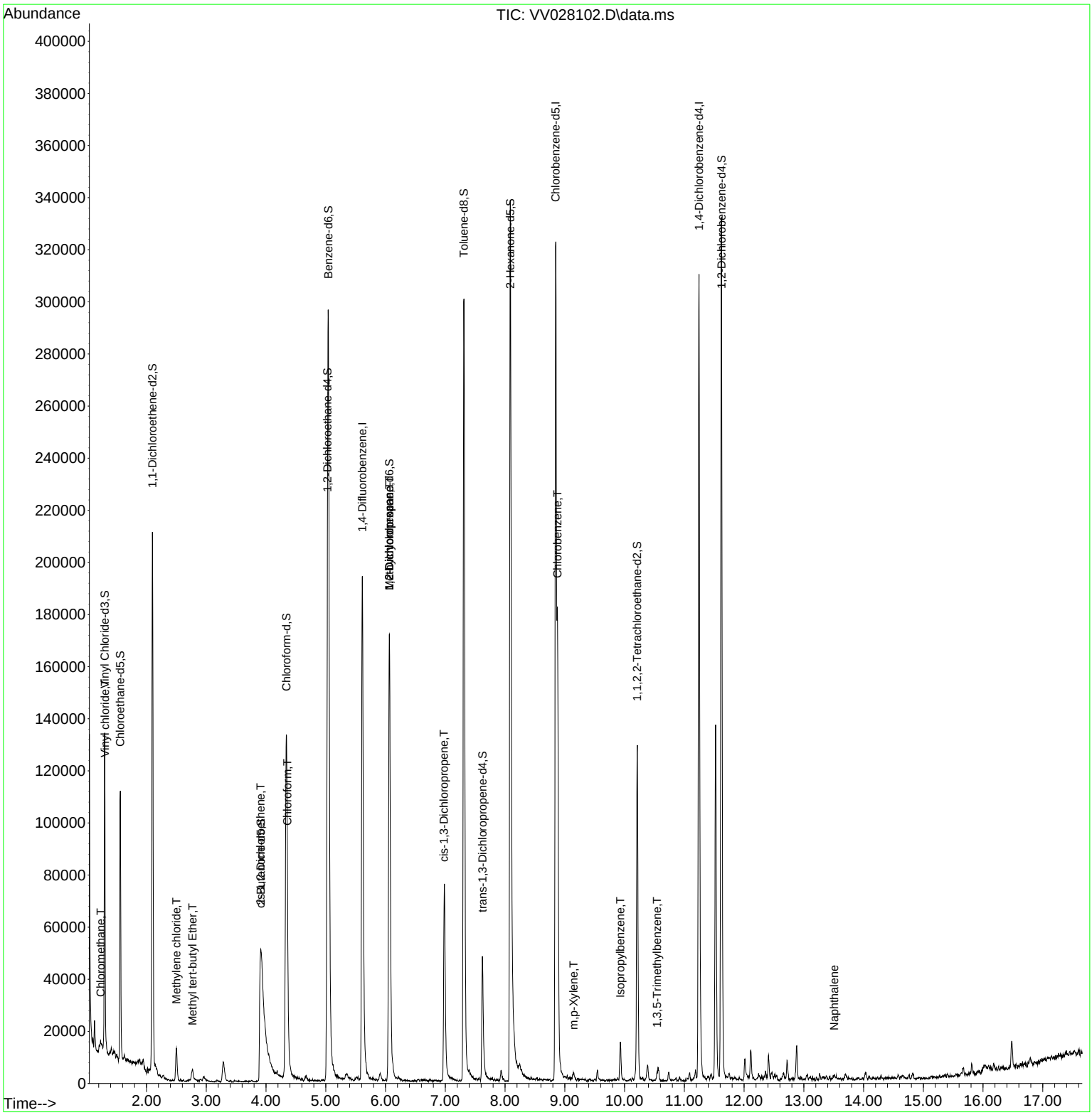
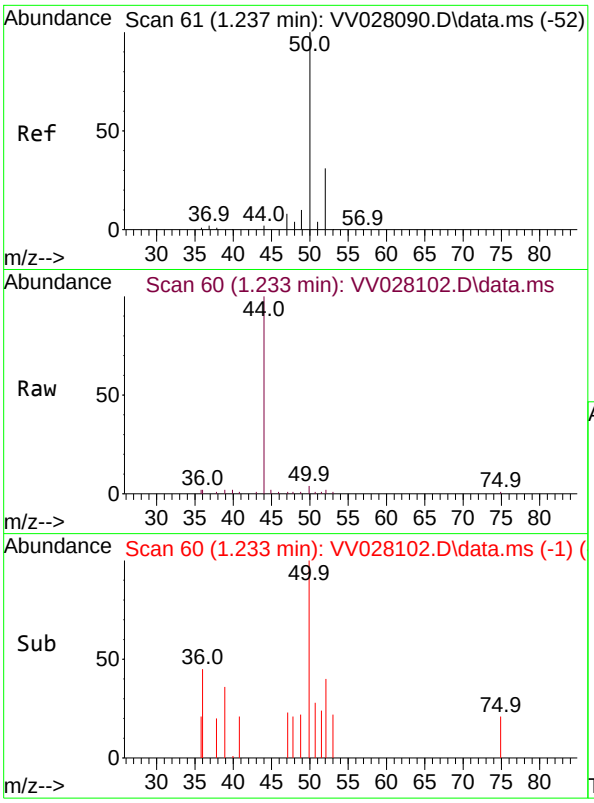
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 24 01:23:44 2022
Response via : Initial Calibration



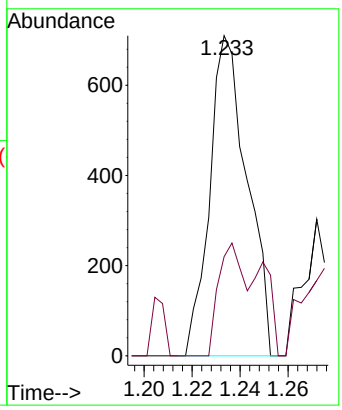


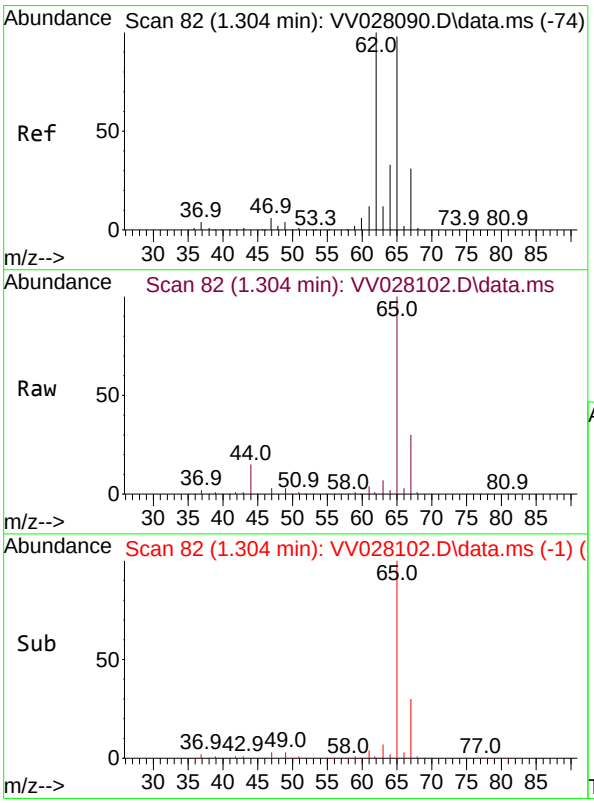
#3
Chloromethane
Concen: 0.046 ug/L
RT: 1.233 min Scan# 6
Delta R.T. -0.003 min
Lab File: VV028102.D
Acq: 23 Sep 2022 14:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 768

Ion	Ratio	Lower	Upper
50	100		
52	31.0	24.4	45.2

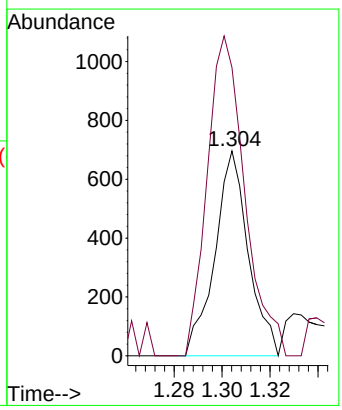


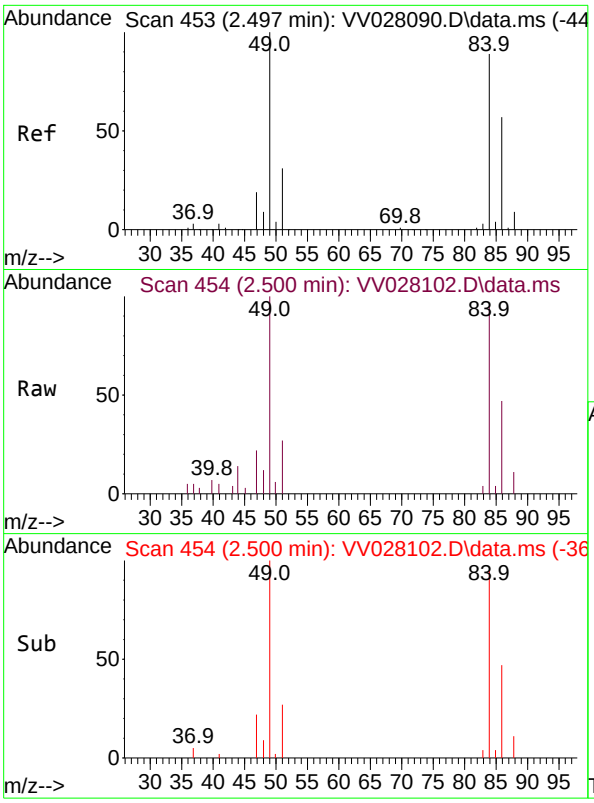


#5
Vinyl chloride
Concen: 0.051 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028102.D
Acq: 23 Sep 2022 14:38

Tgt Ion: 62 Resp: 674

Ion	Ratio	Lower	Upper
62	100		
64	140.8	23.0	42.8#



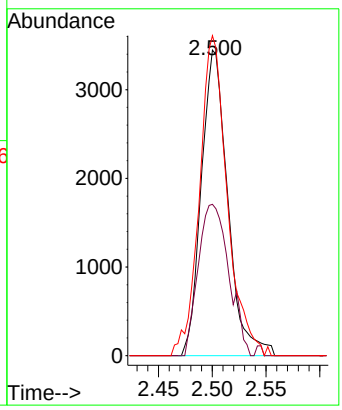


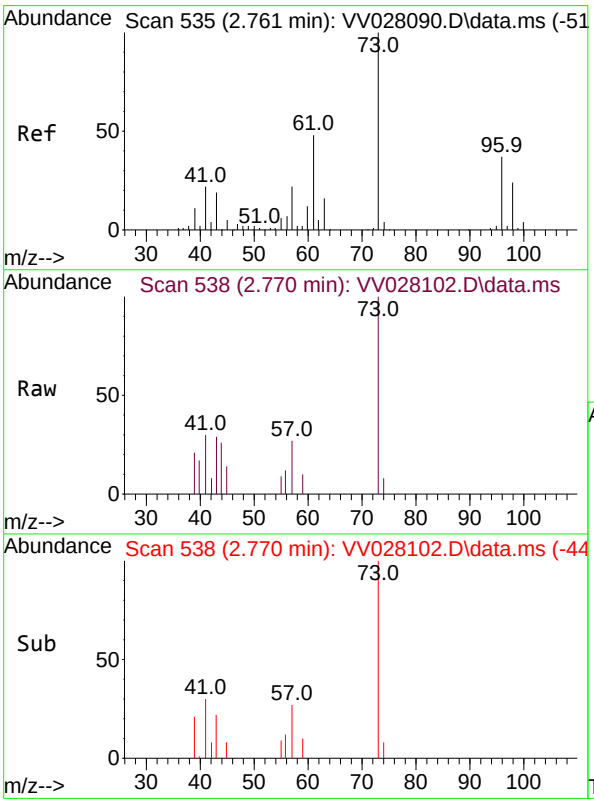
#16
Methylene chloride
Concen: 0.449 ug/L
RT: 2.500 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV028102.D
Acq: 23 Sep 2022 14:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 5899

Ion	Ratio	Lower	Upper
84	100		
86	49.5	46.8	86.8
49	104.7	87.5	162.5

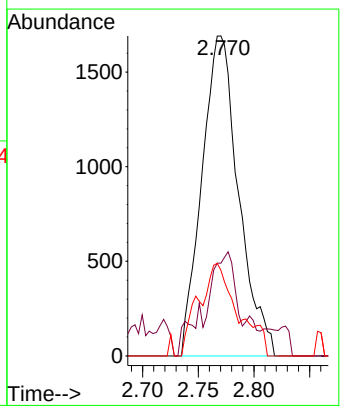


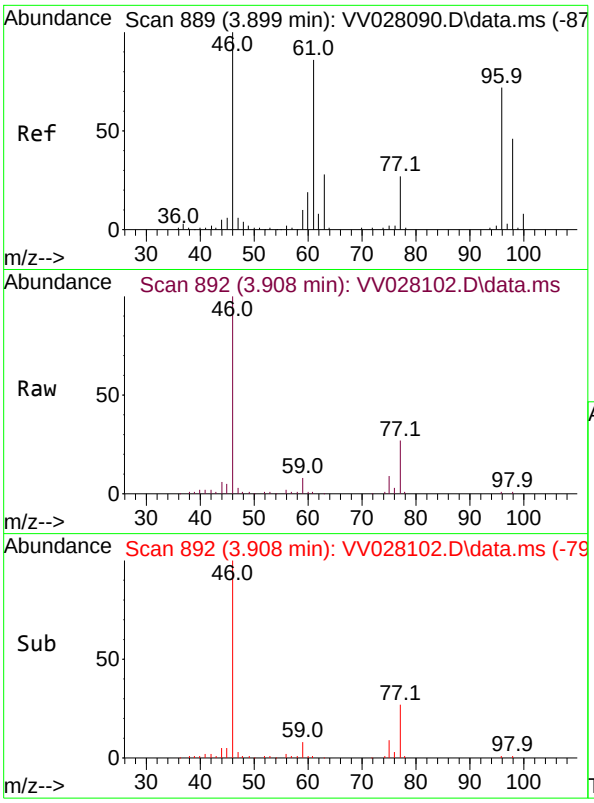


#17
Methyl tert-butyl Ether
Concen: 0.153 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.010 min
Lab File: VV028102.D
Acq: 23 Sep 2022 14:38

Tgt Ion: 73 Resp: 3876

Ion	Ratio	Lower	Upper
73	100		
43	14.2	15.7	23.5#
57	23.7	17.8	26.8



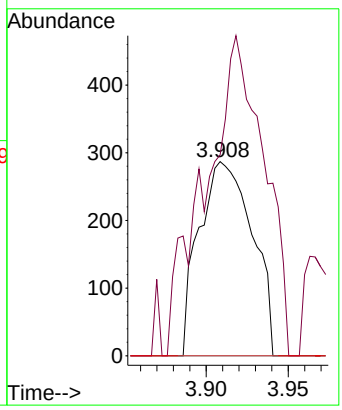


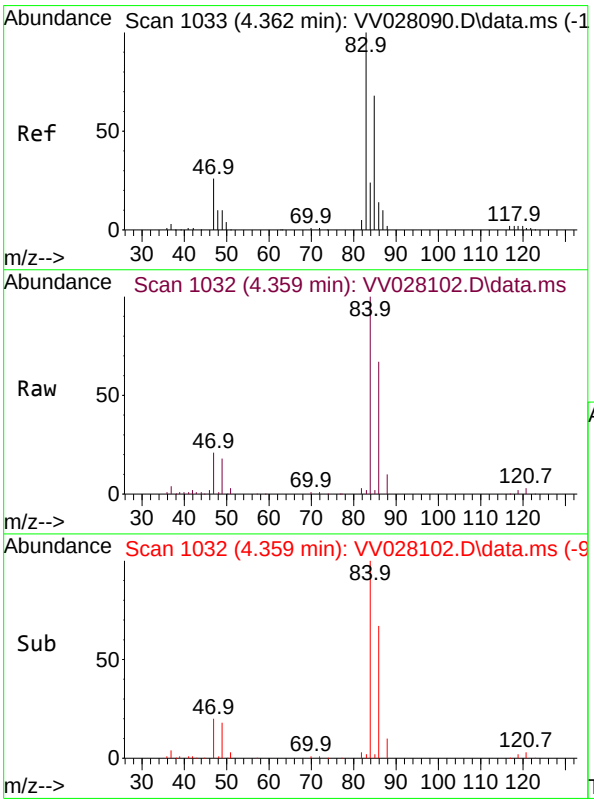
#22
cis-1,2-Dichloroethene
Concen: 0.048 ug/L
RT: 3.908 min Scan# 8
Delta R.T. 0.010 min
Lab File: VV028102.D
Acq: 23 Sep 2022 14:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 647

Ion	Ratio	Lower	Upper
96	100		
61	103.5	87.2	161.9
68	0.0	0.0	0.0

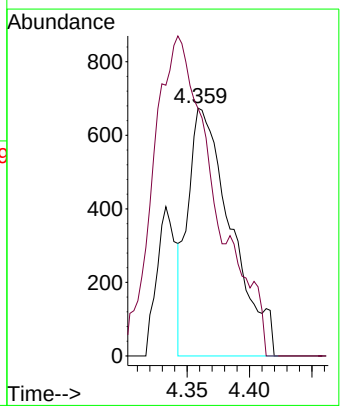


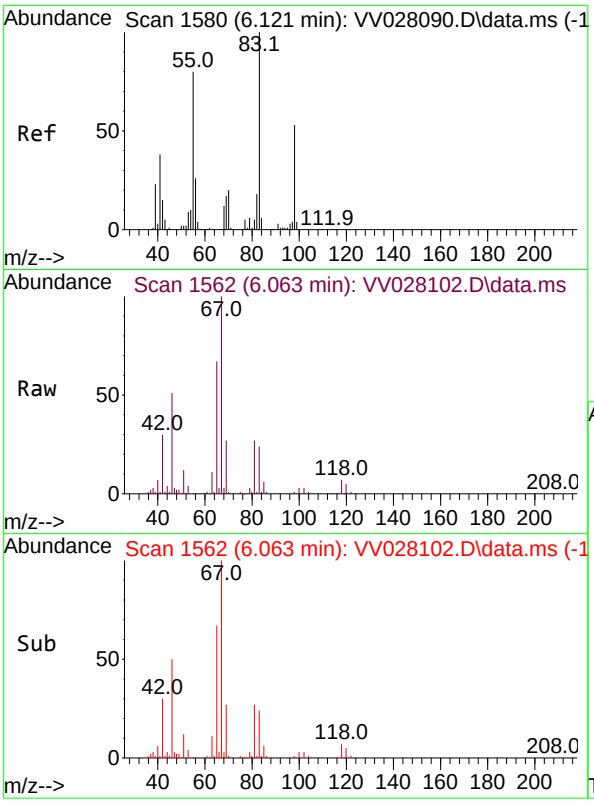


#25
Chloroform
Concen: 0.067 ug/L
RT: 4.359 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VV028102.D
Acq: 23 Sep 2022 14:38

Tgt Ion: 83 Resp: 1622

Ion	Ratio	Lower	Upper
83	100		
85	99.9	45.1	83.7#



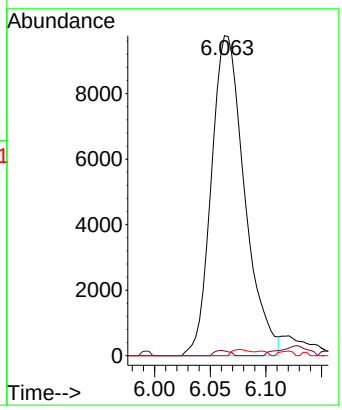


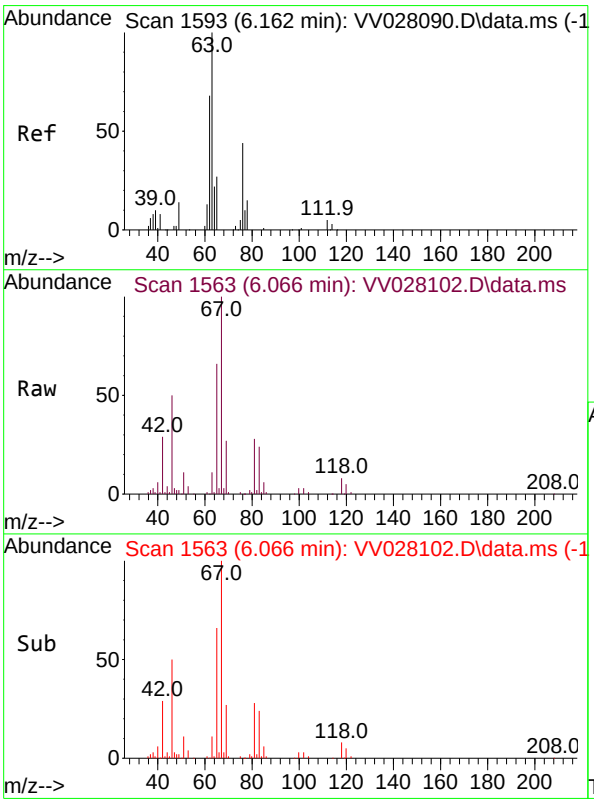
#35
Methylcyclohexane
Concen: 1.213 ug/L
RT: 6.063 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV028102.D
Acq: 23 Sep 2022 14:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 20228

Ion	Ratio	Lower	Upper
83	100		
55	0.7	64.7	97.1#
98	1.0	39.5	59.3#

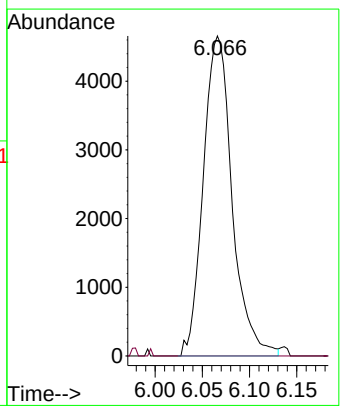


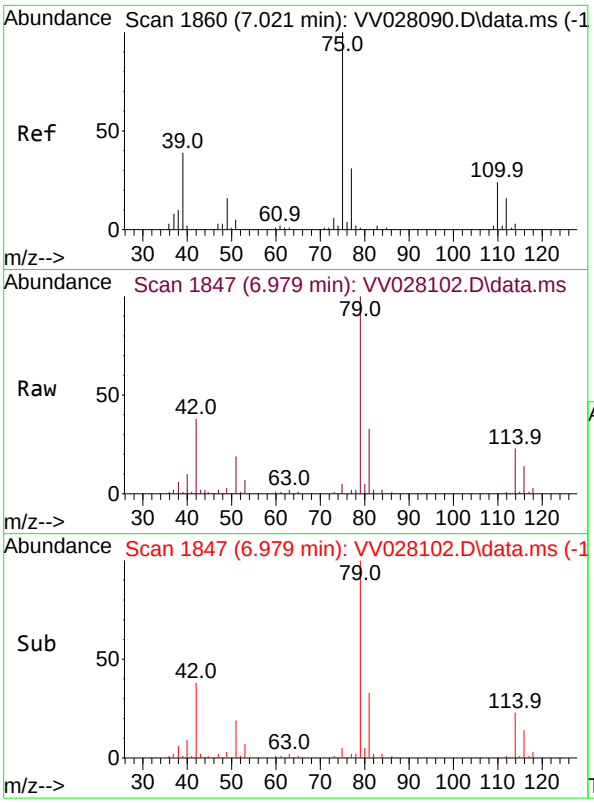


#37
1,2-Dichloropropane
Concen: 0.722 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.096 min
Lab File: VV028102.D
Acq: 23 Sep 2022 14:38

Tgt Ion: 63 Resp: 9892

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.5	5.3#



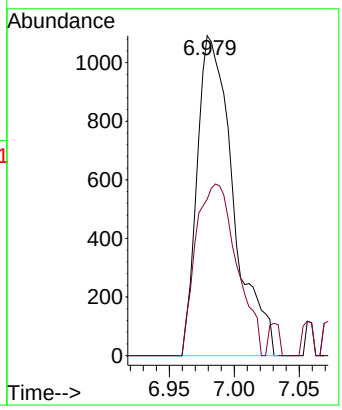


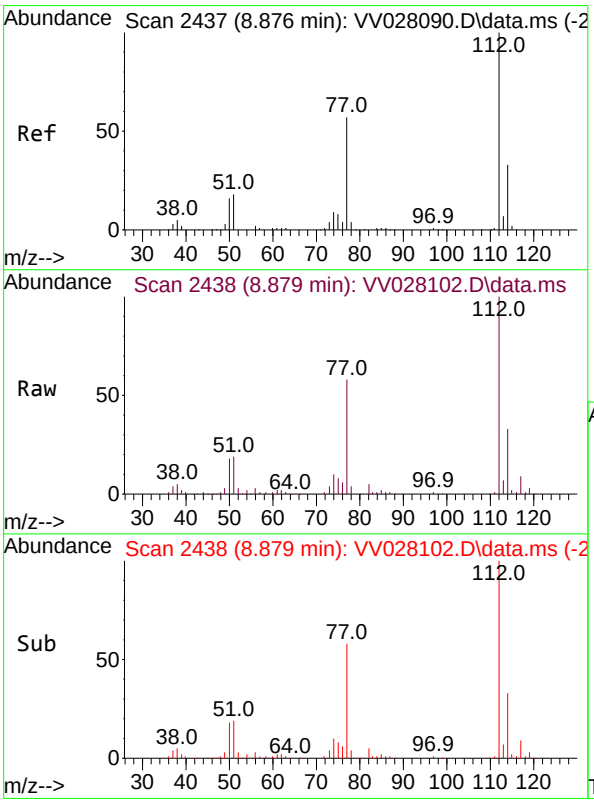
#39
cis-1,3-Dichloropropene
Concen: 0.124 ug/L
RT: 6.979 min Scan# 1
Delta R.T. -0.042 min
Lab File: VV028102.D
Acq: 23 Sep 2022 14:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 2109

Ion	Ratio	Lower	Upper
75	100		
77	48.9	22.4	41.6#

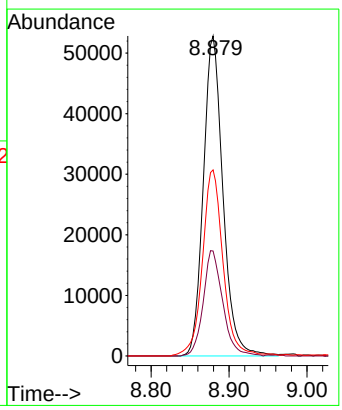


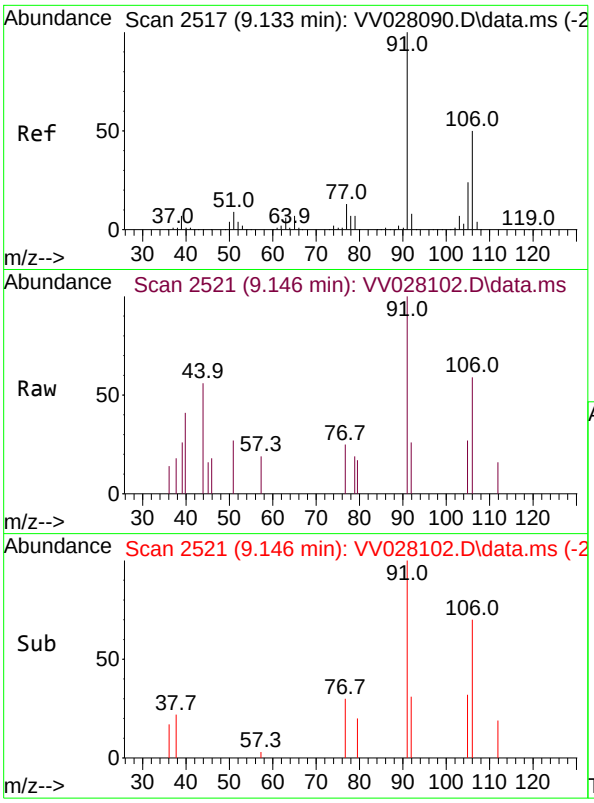


#51
Chlorobenzene
Concen: 2.710 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV028102.D
Acq: 23 Sep 2022 14:38

Tgt Ion:112 Resp: 92657

Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.5	41.7
77	58.2	46.1	69.1



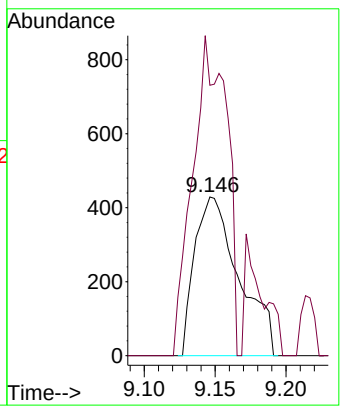


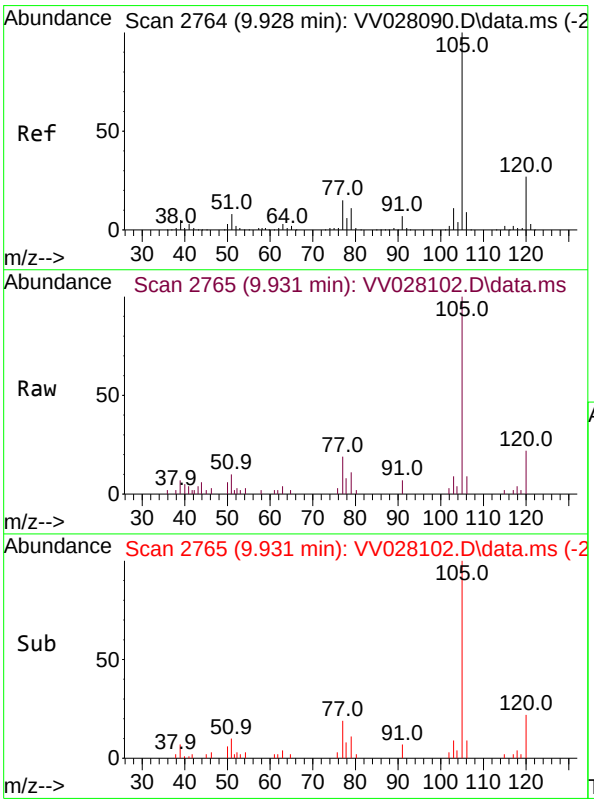
#53
m,p-Xylene
Concen: 0.045 ug/L
RT: 9.146 min Scan# 2
Delta R.T. 0.013 min
Lab File: VV028102.D
Acq: 23 Sep 2022 14:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 935

Ion	Ratio	Lower	Upper
106	100		
91	170.4	141.9	263.5

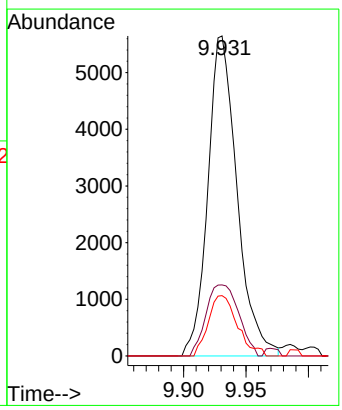


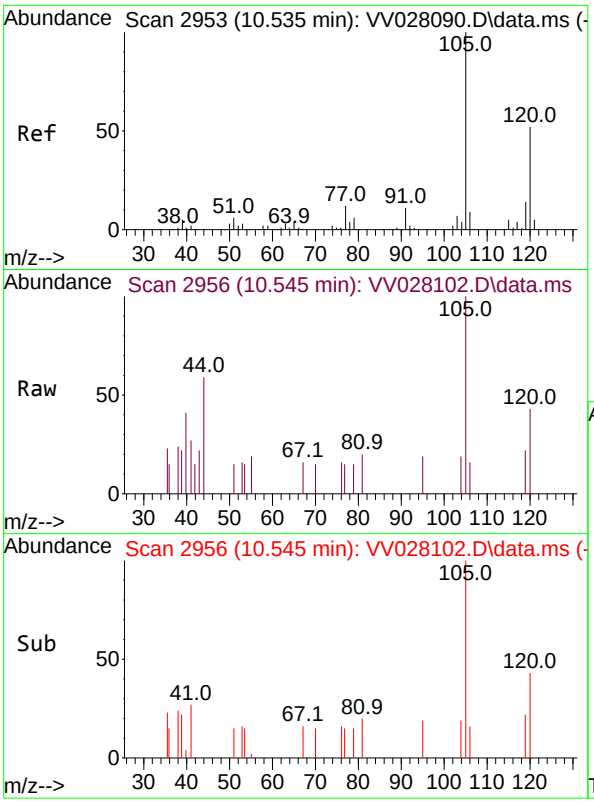


#60
Isopropylbenzene
Concen: 0.184 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV028102.D
Acq: 23 Sep 2022 14:38

Tgt Ion:105 Resp: 9212

Ion	Ratio	Lower	Upper
105	100		
120	24.9	21.4	32.0
77	18.8	12.2	18.4#



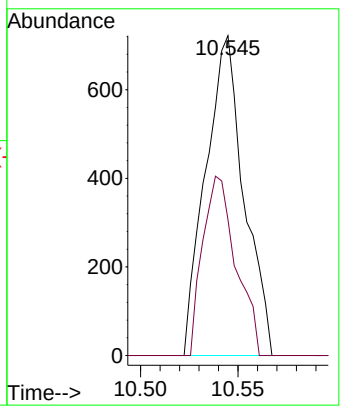


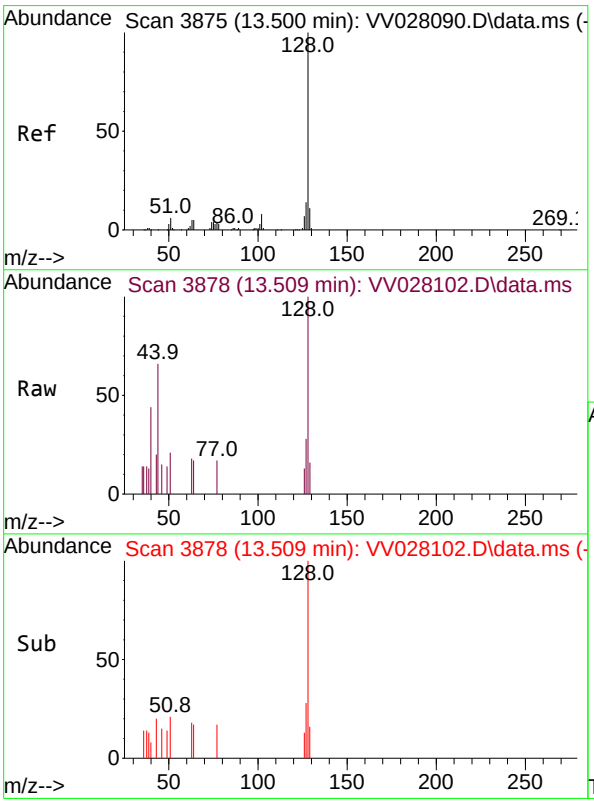
#62
1,3,5-Trimethylbenzene
Concen: 0.070 ug/L
RT: 10.545 min Scan# 2
Delta R.T. 0.010 min
Lab File: VV028102.D
Acq: 23 Sep 2022 14:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 990

Ion	Ratio	Lower	Upper
105	100		
120	48.7	40.6	61.0





#71
Naphthalene
Concen: 0.057 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV028102.D
Acq: 23 Sep 2022 14:38

Tgt Ion:128 Resp: 1478

Ion	Ratio	Lower	Upper
128	100		
129	6.3	8.2	12.2#
127	12.4	10.4	15.6