Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
Data File : VV030365.D
Acq On : 30 Mar 2023 17:30
Operator : SY/MD
Sample : 02122-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB9A4

Quant Time: Mar 31 05:42:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 31 05:37:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	125008	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	123122	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	68248	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	29192	3.526	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.600%			
7) Chloroethane-d5	1.539	69	33138	4.124	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.400%			
11) 1,1-Dichloroethene-d2	2.066	63	52511	2.673	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.400%#			
20) 2-Butanone-d5	3.825	46	114646	53.574	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.140%			
24) Chloroform-d	4.265	84	90814	4.532	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.600%			
26) 1,2-Dichloroethane-d4	4.957	65	48342	5.113	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.200%			
32) Benzene-d6	4.973	84	165186	4.761	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.200%			
36) 1,2-Dichloropropane-d6	6.002	67	55776	5.135	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.600%			
41) Toluene-d8	7.252	98	134208	4.212	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.200%			
43) trans-1,3-Dichloroprop...	7.564	79	18671	4.565	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.400%			
46) 2-Hexanone-d5	8.037	63	92150	56.074	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.140%			
56) 1,1,2,2-Tetrachloroeth...	10.162	84	44088	5.150	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.000%			
66) 1,2-Dichlorobenzene-d4	11.570	152	66095	5.418	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.114	85	3994	0.251	ug/L #	87
3) Chloromethane	1.217	50	2581	0.129	ug/L	91
13) Acetone	2.159	43	5332	2.606	ug/L	69
30) Cyclohexane	4.593	56	3774	0.209	ug/L	93
33) Benzene	5.027	78	5050	0.115	ug/L	100
35) Methylcyclohexane	6.063	83	3669	0.198	ug/L	88
42) Toluene	7.329	91	3943	0.085	ug/L	84
51) Chlorobenzene	8.821	112	134035	4.494	ug/L	98
53) m,p-Xylene	9.085	106	4139	0.212	ug/L	89
54) o-Xylene	9.490	106	3648	0.195	ug/L	92
60) Isopropylbenzene	9.876	105	40267	0.800	ug/L	99
64) 1,3-Dichlorobenzene	11.130	146	2089	0.083	ug/L #	86
65) 1,4-Dichlorobenzene	11.223	146	4904	0.194	ug/L	93
67) 1,2-Dichlorobenzene	11.587	146	2362	0.104	ug/L #	82

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

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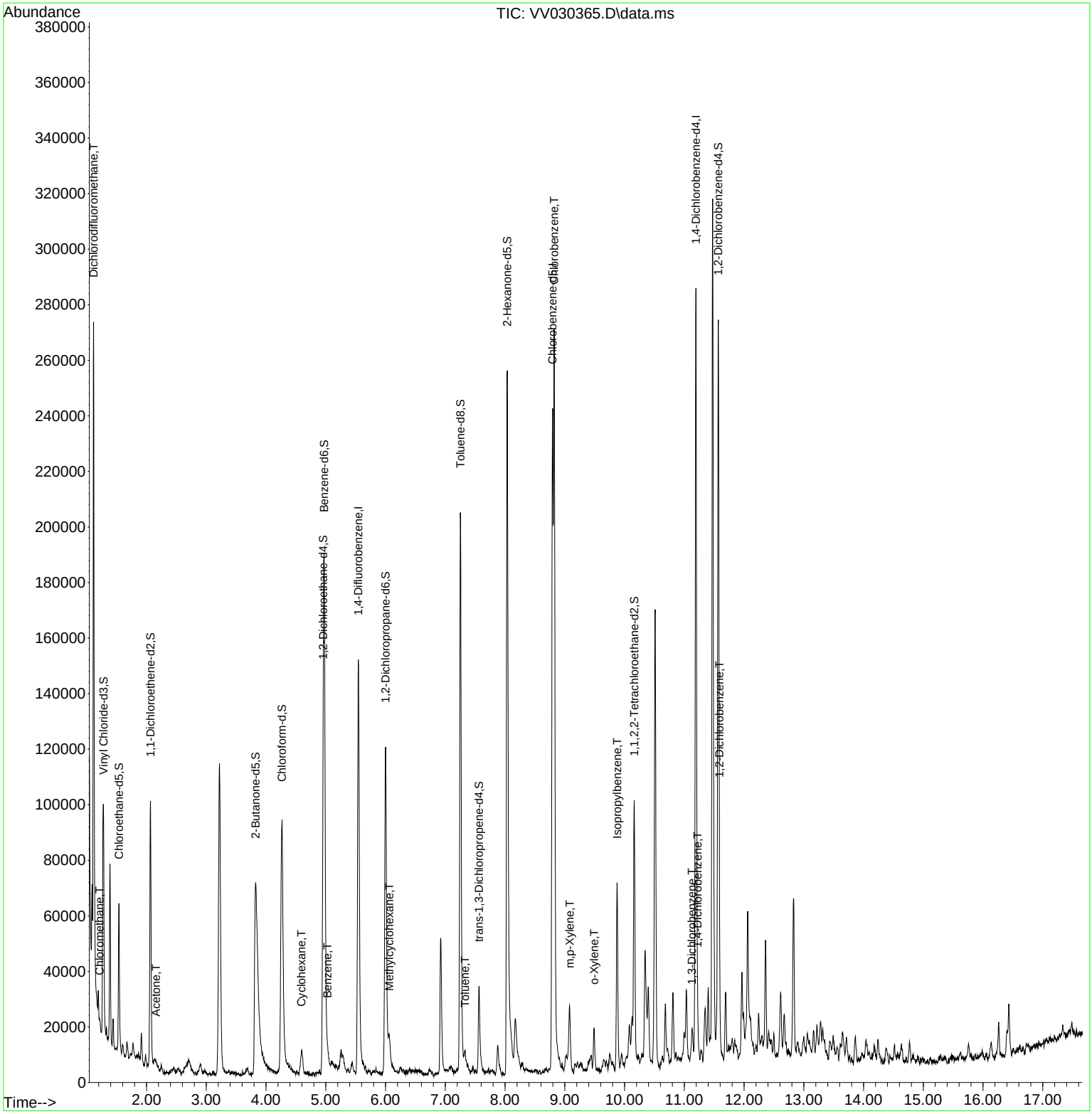
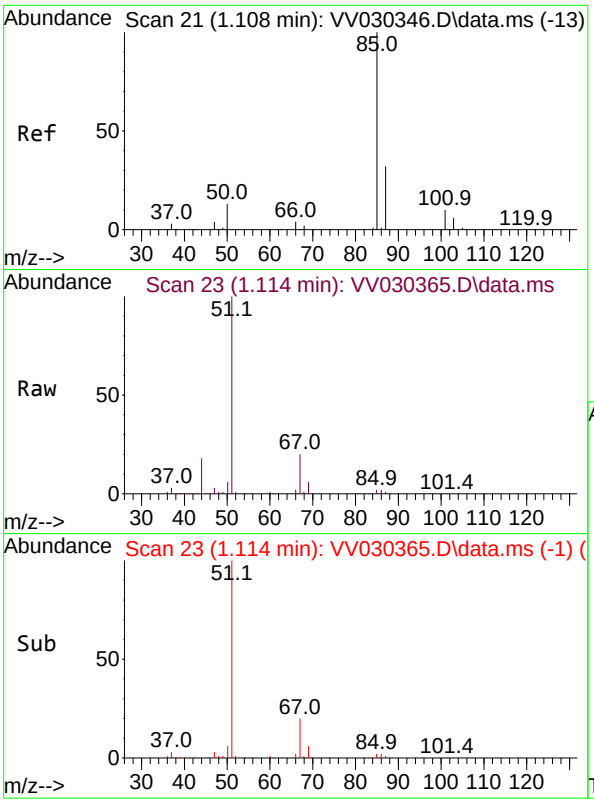
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 31 05:37:21 2023
Response via : Initial Calibration



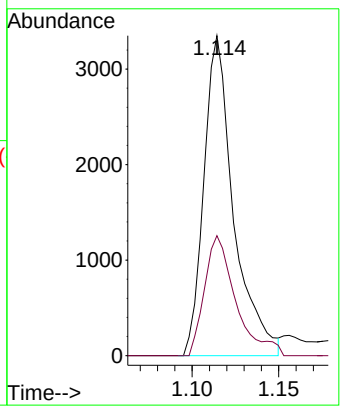


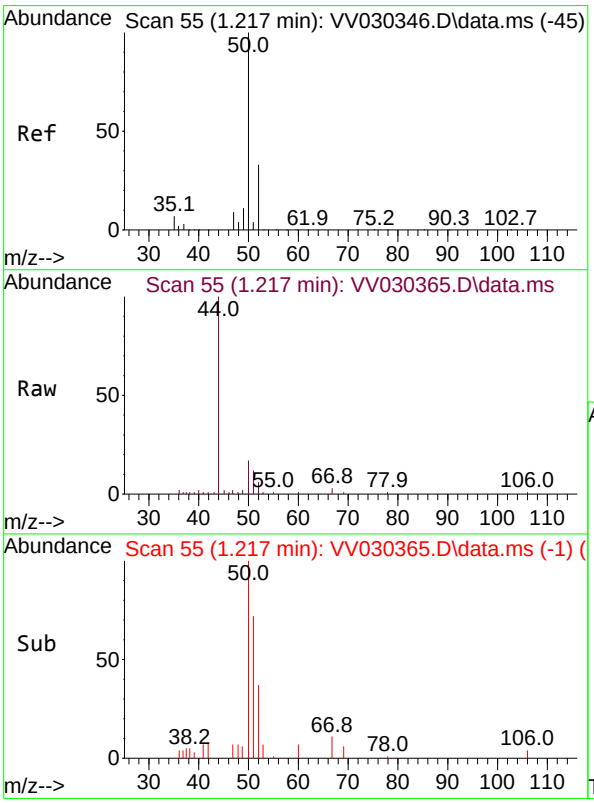
#2
Dichlorodifluoromethane
Concen: 0.251 ug/L
RT: 1.114 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV030365.D
Acq: 30 Mar 2023 17:30

Instrument :
MSVOA_V
ClientSampleId :
CB9A4

Tgt Ion: 85 Resp: 3994

Ion	Ratio	Lower	Upper
85	100		
87	39.3	25.6	38.4#

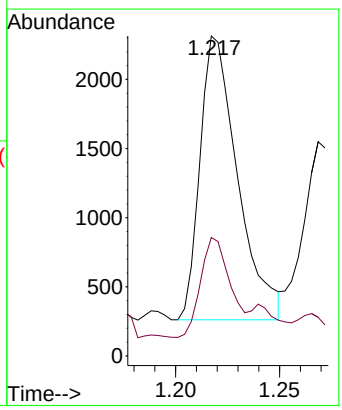


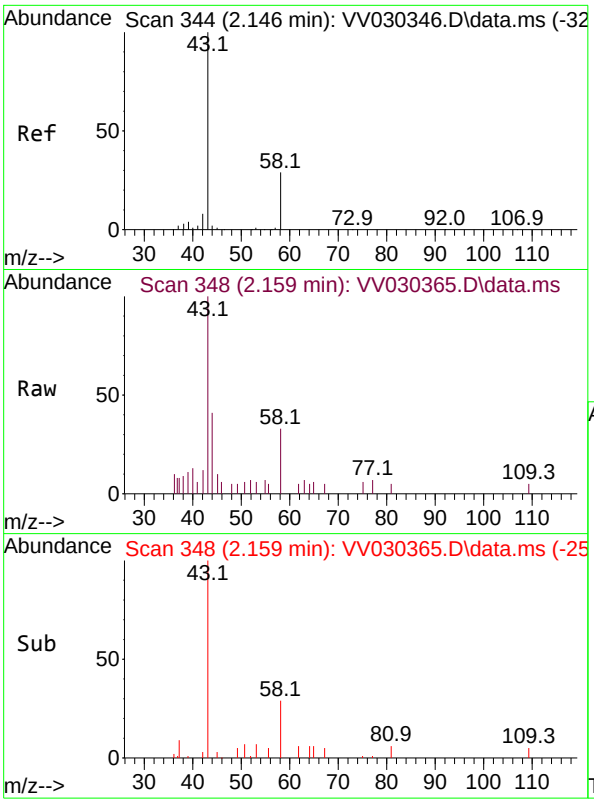


#3
Chloromethane
Concen: 0.129 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV030365.D
Acq: 30 Mar 2023 17:30

Tgt Ion: 50 Resp: 2581

Ion	Ratio	Lower	Upper
50	100		
52	37.0	22.3	41.5



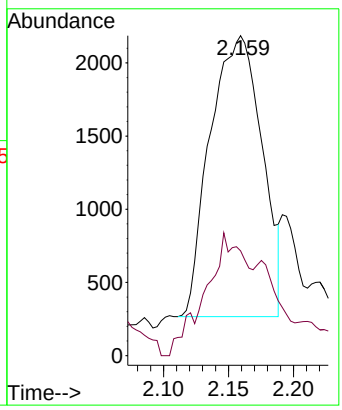


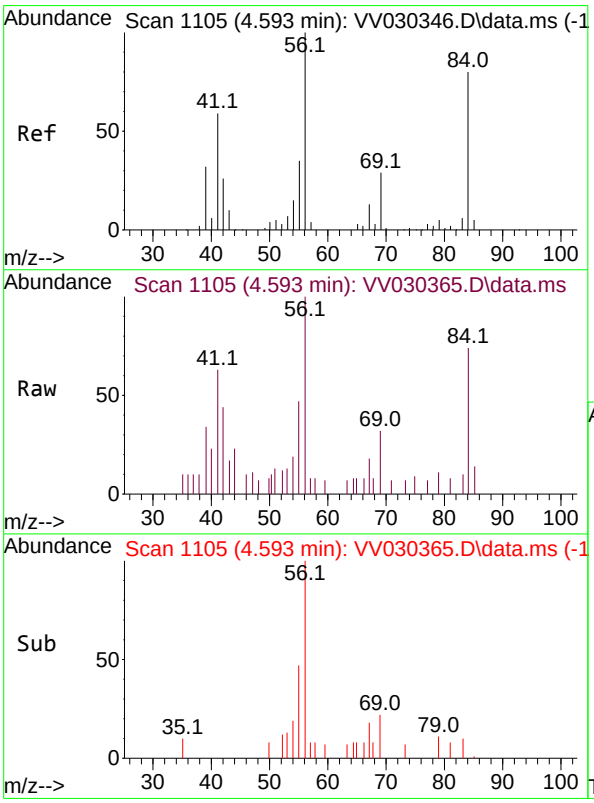
#13
Acetone
Concen: 2.606 ug/L
RT: 2.159 min Scan# 34
Delta R.T. 0.013 min
Lab File: VV030365.D
Acq: 30 Mar 2023 17:30

Instrument :
MSVOA_V
ClientSampleId :
CB9A4

Tgt Ion: 43 Resp: 5332

Ion	Ratio	Lower	Upper
43	100		
58	34.8	0.0	40.8

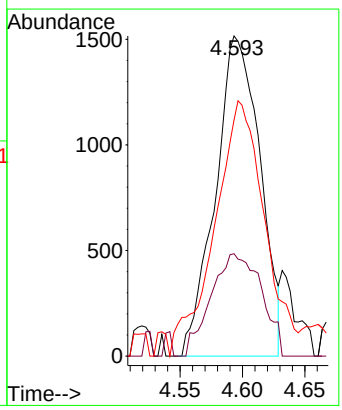


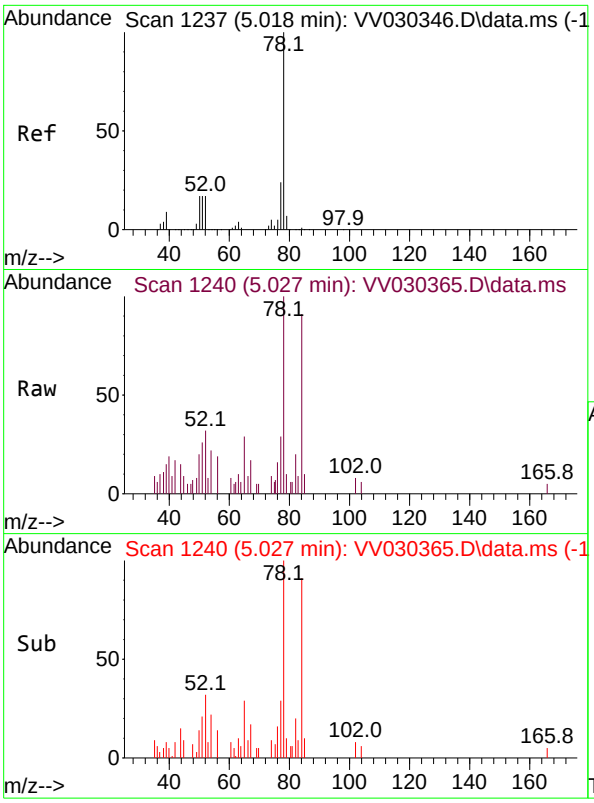


#30
Cyclohexane
Concen: 0.209 ug/L
RT: 4.593 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VV030365.D
Acq: 30 Mar 2023 17:30

Tgt Ion: 56 Resp: 3774

Ion	Ratio	Lower	Upper
56	100		
69	36.1	24.2	36.2
84	88.8	66.6	100.0

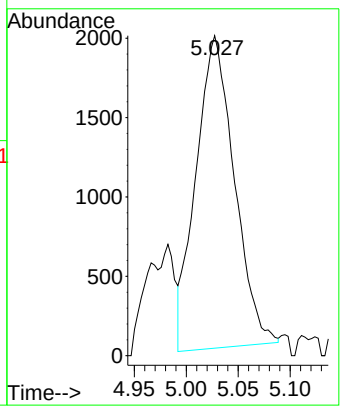


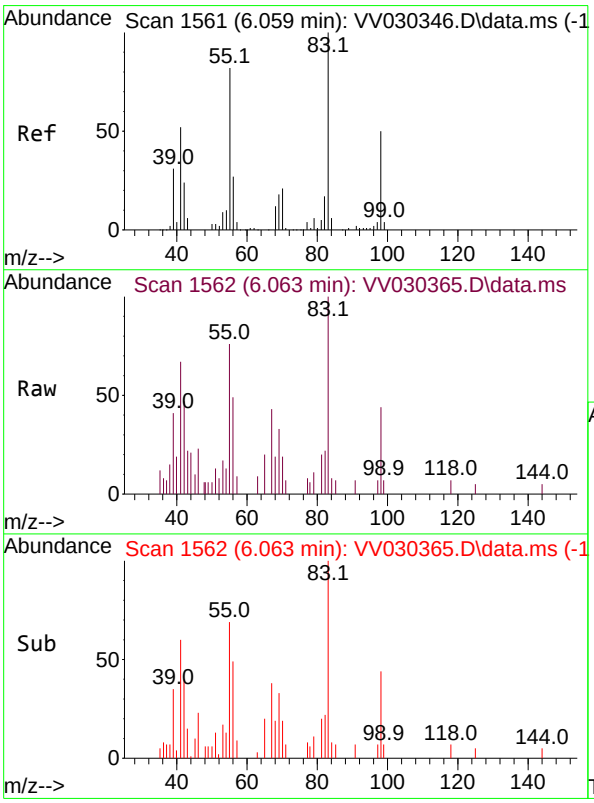


#33
Benzene
Concen: 0.115 ug/L
RT: 5.027 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV030365.D
Acq: 30 Mar 2023 17:30

Instrument :
MSVOA_V
ClientSampleId :
CB9A4

Tgt Ion: 78 Resp: 5050

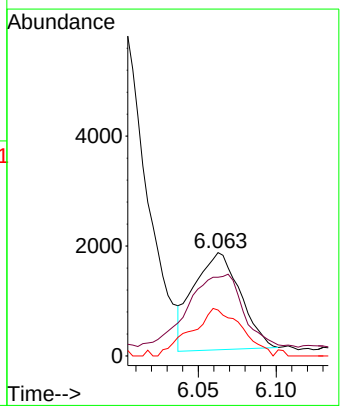


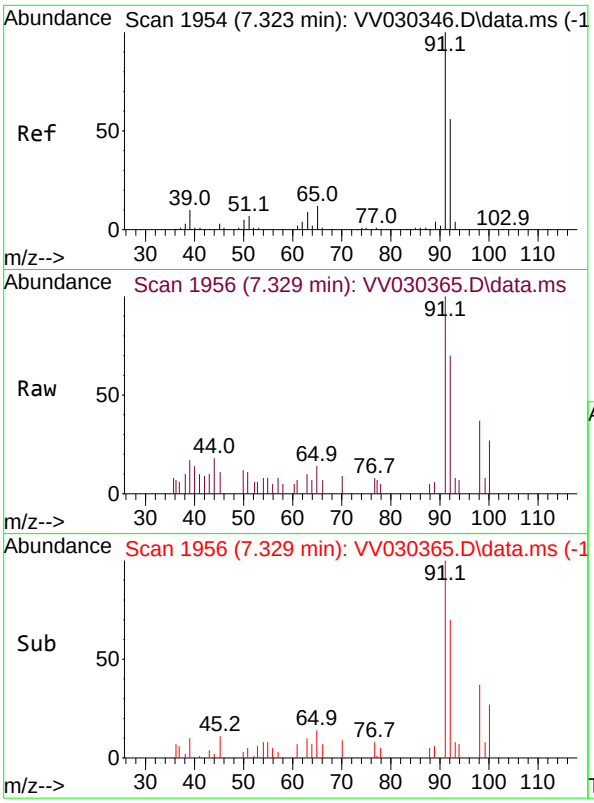


#35
Methylcyclohexane
Concen: 0.198 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. 0.003 min
Lab File: VV030365.D
Acq: 30 Mar 2023 17:30

Tgt Ion: 83 Resp: 3669

Ion	Ratio	Lower	Upper
83	100		
55	97.7	66.6	100.0
98	52.7	38.6	58.0



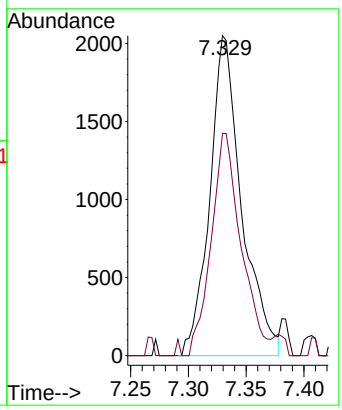


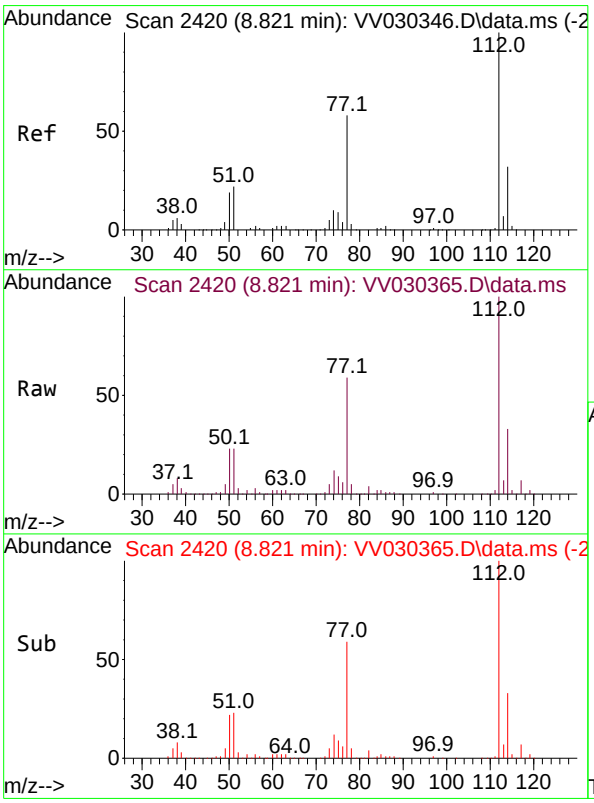
#42
Toluene
Concen: 0.085 ug/L
RT: 7.329 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV030365.D
Acq: 30 Mar 2023 17:30

Instrument :
MSVOA_V
ClientSampleId :
CB9A4

Tgt Ion: 91 Resp: 3943

Ion	Ratio	Lower	Upper
91	100		
92	69.5	40.4	75.0

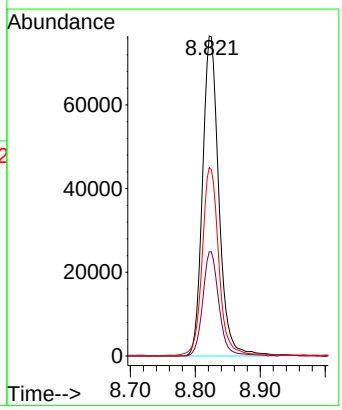


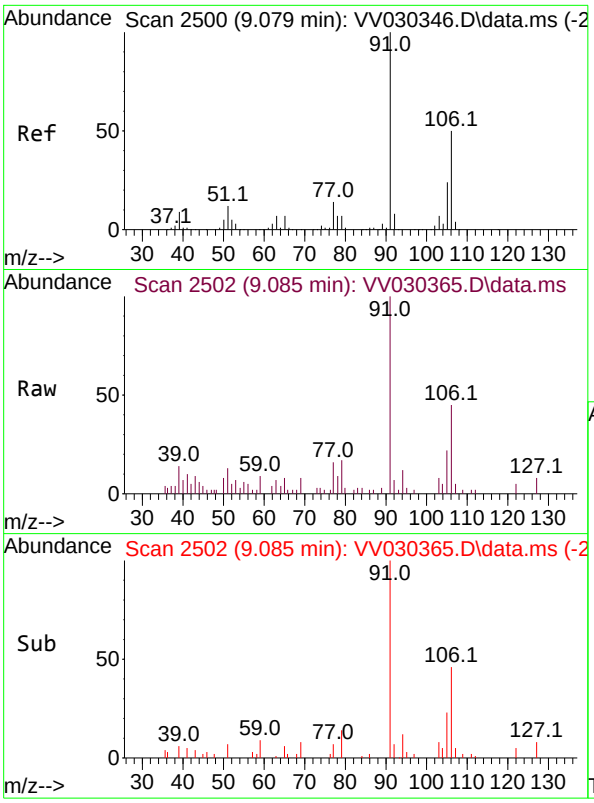


#51
Chlorobenzene
Concen: 4.494 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030365.D
Acq: 30 Mar 2023 17:30

Tgt Ion:112 Resp: 134035

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.4	41.6
77	58.9	45.9	68.9



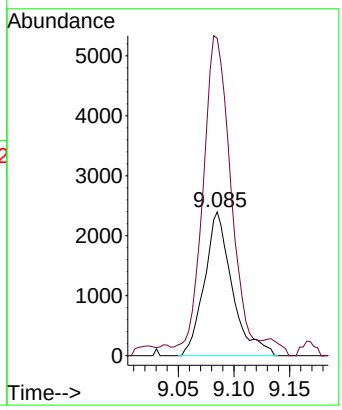


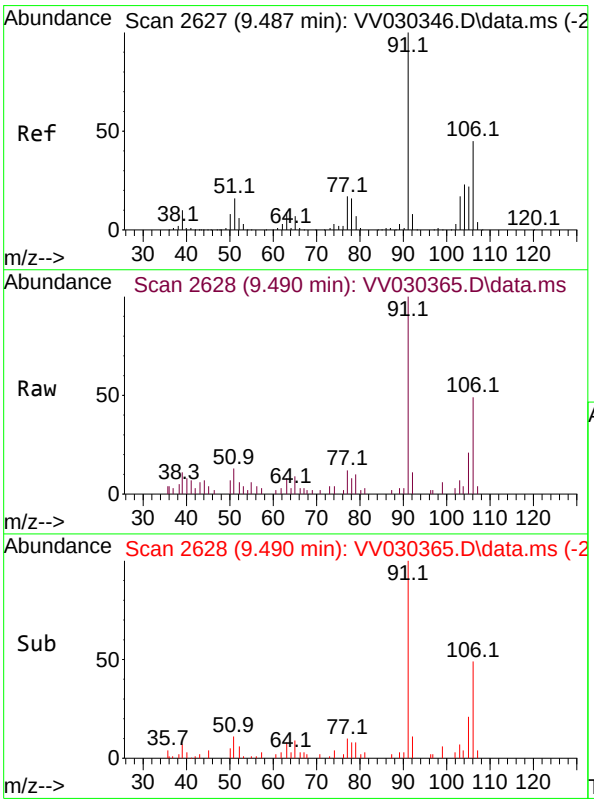
#53
m,p-Xylene
Concen: 0.212 ug/L
RT: 9.085 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV030365.D
Acq: 30 Mar 2023 17:30

Instrument :
MSVOA_V
ClientSampleId :
CB9A4

Tgt Ion:106 Resp: 4139

Ion	Ratio	Lower	Upper
106	100		
91	220.6	142.4	264.4

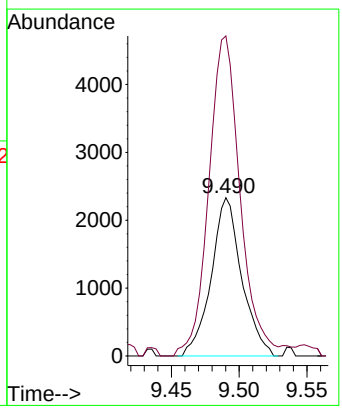


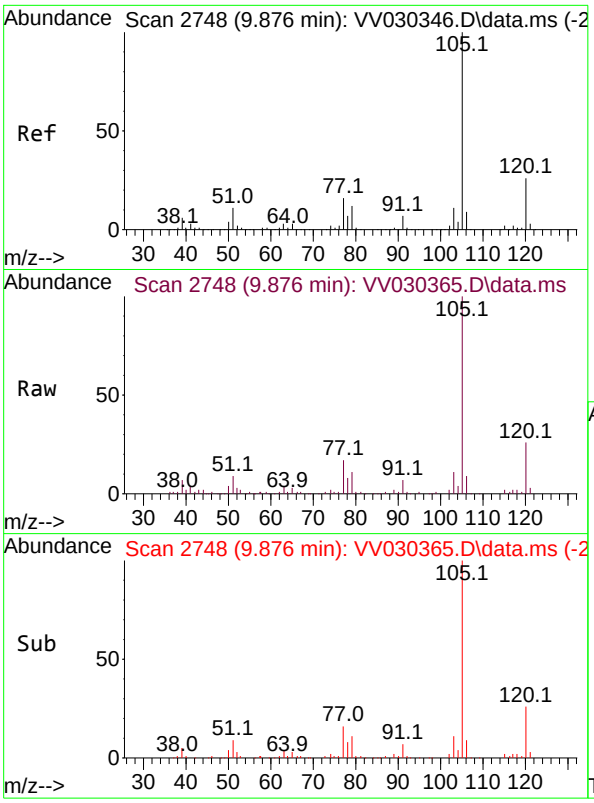


#54
o-Xylene
Concen: 0.195 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV030365.D
Acq: 30 Mar 2023 17:30

Tgt Ion:106 Resp: 3648

Ion	Ratio	Lower	Upper
106	100		
91	202.1	149.8	278.2



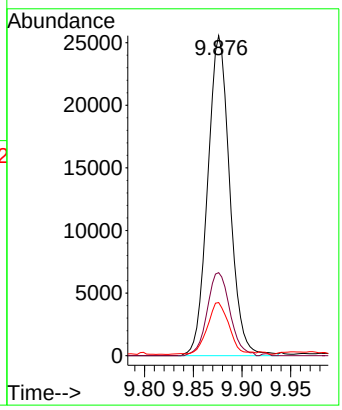


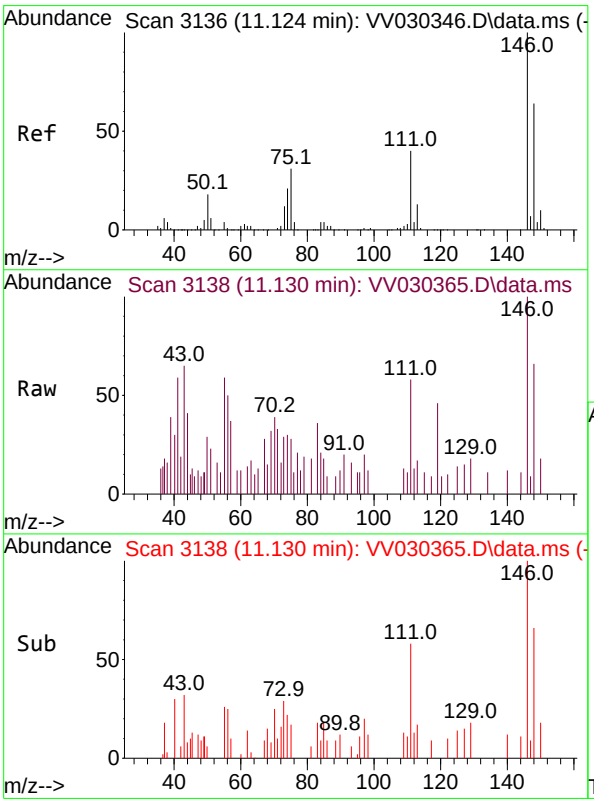
#60
Isopropylbenzene
Concen: 0.800 ug/L
RT: 9.876 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV030365.D
Acq: 30 Mar 2023 17:30

Instrument :
MSVOA_V
ClientSampleId :
CB9A4

Tgt Ion:105 Resp: 40267

Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.1	31.7
77	16.0	12.9	19.3

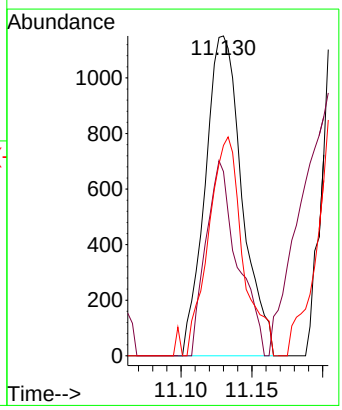


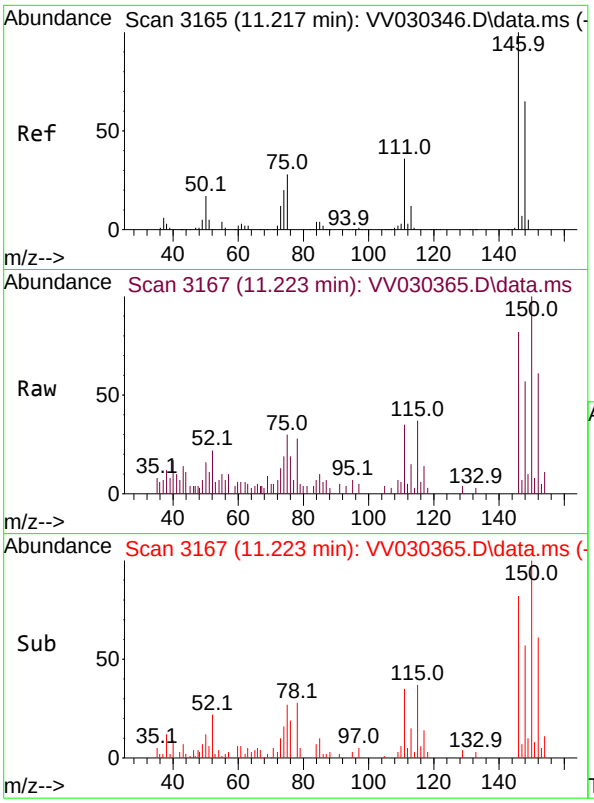


#64
1,3-Dichlorobenzene
Concen: 0.083 ug/L
RT: 11.130 min Scan# 3138
Delta R.T. 0.006 min
Lab File: VV030365.D
Acq: 30 Mar 2023 17:30

Tgt Ion:146 Resp: 2089

Ion	Ratio	Lower	Upper
146	100		
111	57.6	27.0	50.2#
148	65.8	44.2	82.2



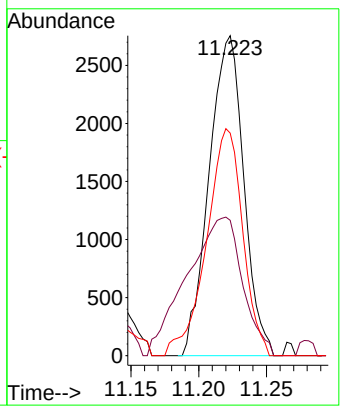


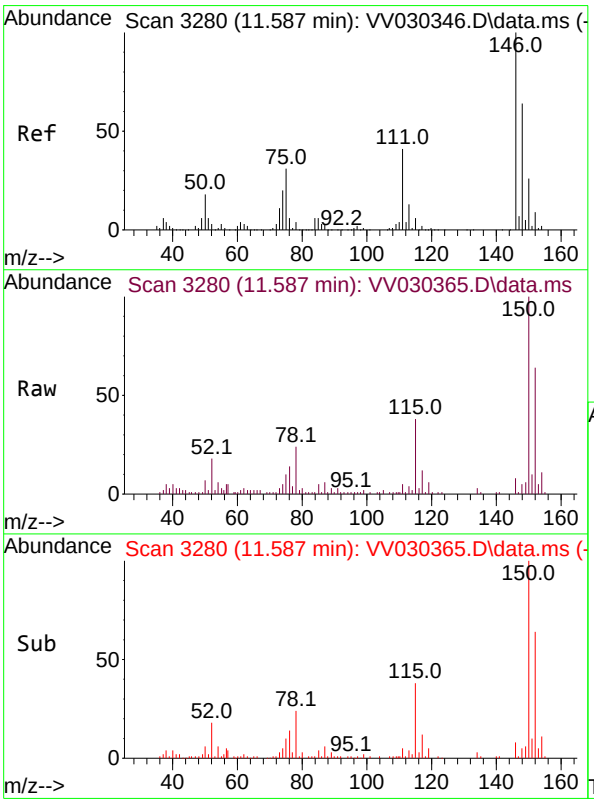
#65
1,4-Dichlorobenzene
Concen: 0.194 ug/L
RT: 11.223 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV030365.D
Acq: 30 Mar 2023 17:30

Instrument :
MSVOA_V
ClientSampleId :
CB9A4

Tgt Ion:146 Resp: 4904

Ion	Ratio	Lower	Upper
146	100		
111	42.3	26.0	48.4
148	69.6	45.2	84.0





#67
1,2-Dichlorobenzene
Concen: 0.104 ug/L
RT: 11.587 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VV030365.D
Acq: 30 Mar 2023 17:30

Tgt Ion:146 Resp: 2362

Ion	Ratio	Lower	Upper
146	100		
111	63.5	33.1	49.7#
148	71.1	52.2	78.2