Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091722\
Data File : VV027906.D
Acq On : 17 Sep 2022 17:46
Operator : SY/MD
Sample : N4658-02RE
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 19 02:34:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Sep 19 02:25:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	161475	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	159541	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	81280	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	57170	4.435	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.800%			
7) Chloroethane-d5	1.568	69	44439	4.877	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.600%			
11) 1,1-Dichloroethene-d2	2.108	63	62712	3.092	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.800%			
20) 2-Butanone-d5	3.892	46	93481	46.956	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.920%			
24) Chloroform-d	4.346	84	107504	4.524	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.400%			
26) 1,2-Dichloroethane-d4	5.034	65	56443	4.737	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.800%			
32) Benzene-d6	5.047	84	197885	4.498	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.000%			
36) 1,2-Dichloropropane-d6	6.066	67	54113	4.707	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.200%			
41) Toluene-d8	7.313	98	169279	4.156	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.200%			
43) trans-1,3-Dichloroprop...	7.622	79	21825	4.436	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.800%			
46) 2-Hexanone-d5	8.088	63	71281	43.679	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.360%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35274	4.436	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.800%			
66) 1,2-Dichlorobenzene-d4	11.622	152	67052	4.712	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.200%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1148	0.113	ug/L	94
6) Bromomethane	1.529	94	305	0.049	ug/L	95
33) Benzene	5.101	78	1870	0.045	ug/L	100
35) Methylcyclohexane	6.066	83	15136	0.973	ug/L #	19
37) 1,2-Dichloropropane	6.066	63	7143	0.763	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1540	0.109	ug/L #	74
42) Toluene	7.391	91	27673	0.606	ug/L	100
44) trans-1,3-Dichloropropene	7.625	75	1183	0.095	ug/L	96
49) Dibromochloromethane	8.249	129	247	0.026	ug/L #	10
53) m,p-Xylene	9.153	106	1716	0.087	ug/L	66
55) Styrene	9.567	104	9472	0.287	ug/L	90
61) 1,2,3-Trichloropropane	11.246	75	7486	1.341	ug/L #	62
70) 1,2,4-trichlorobenzene	13.275	180	884	0.058	ug/L #	70
71) Naphthalene	13.509	128	3681	0.172	ug/L #	92
72) 1,2,3-Trichlorobenzene	13.744	180	1033	0.079	ug/L #	89

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

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Instrument :
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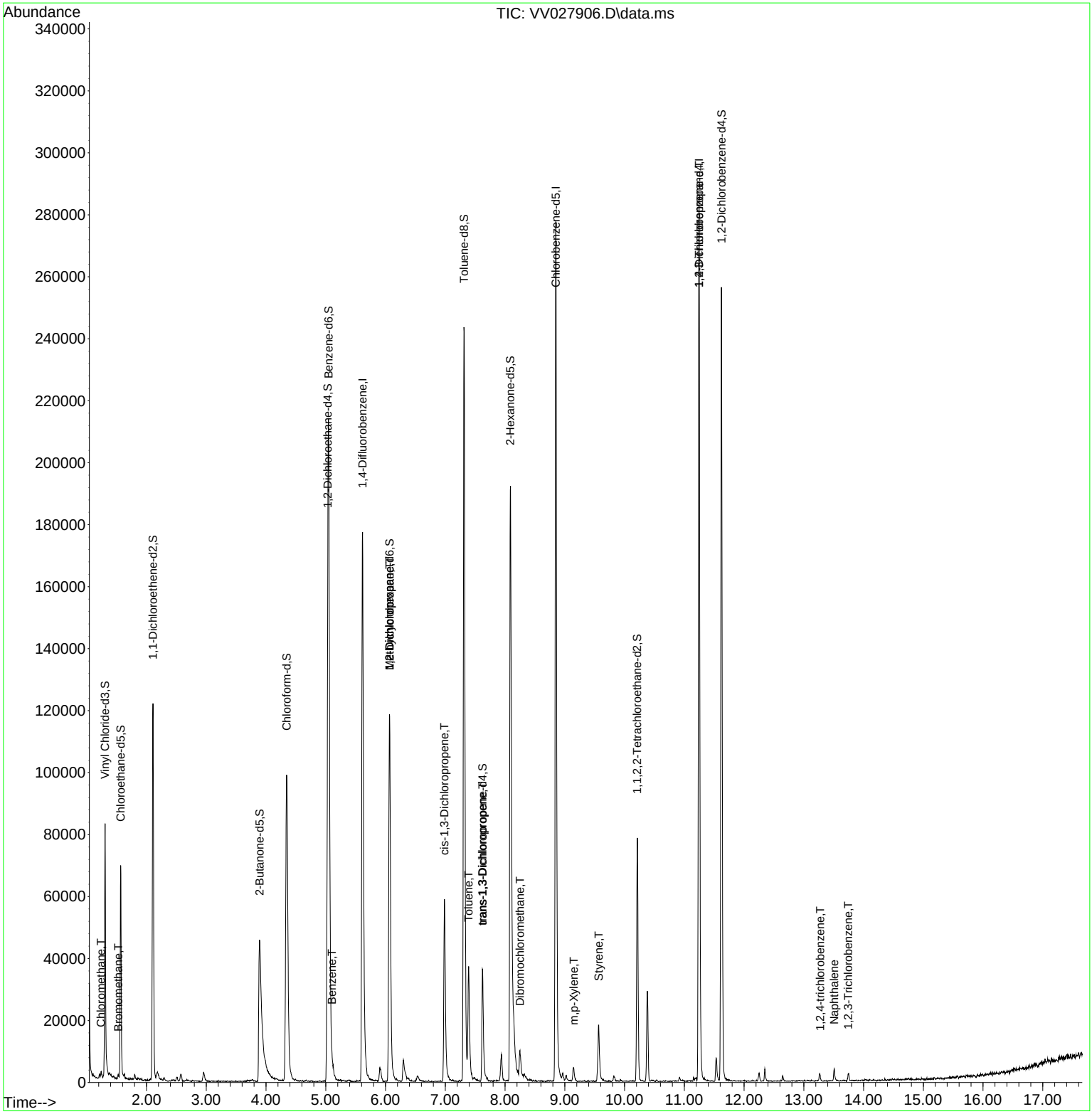
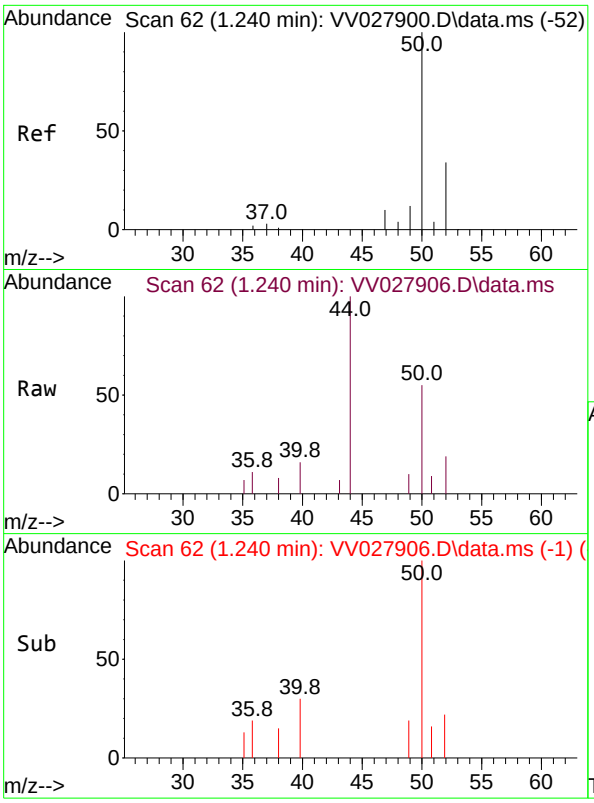
ClientSampleId :

Quant Time: Sep 19 02:34:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Sep 19 02:25:21 2022
Response via : Initial Calibration



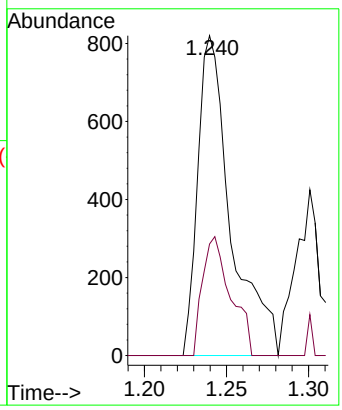


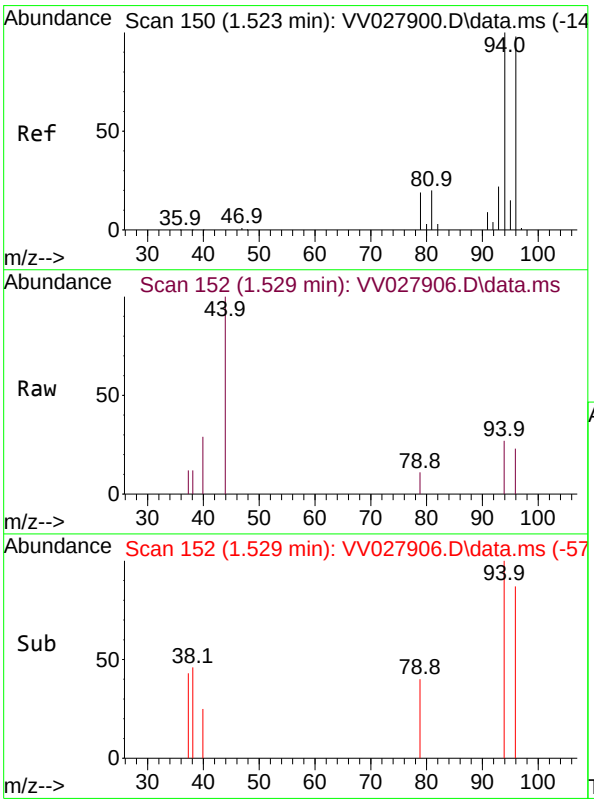
#3
Chloromethane
Concen: 0.113 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV027906.D
Acq: 17 Sep 2022 17:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 1148

Ion	Ratio	Lower	Upper
50	100		
52	34.9	22.1	41.1

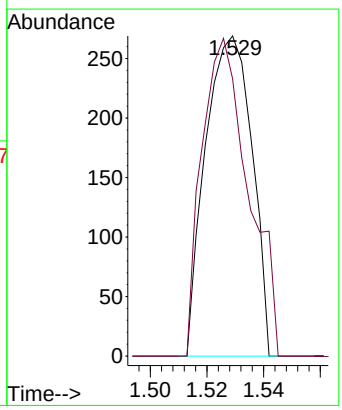


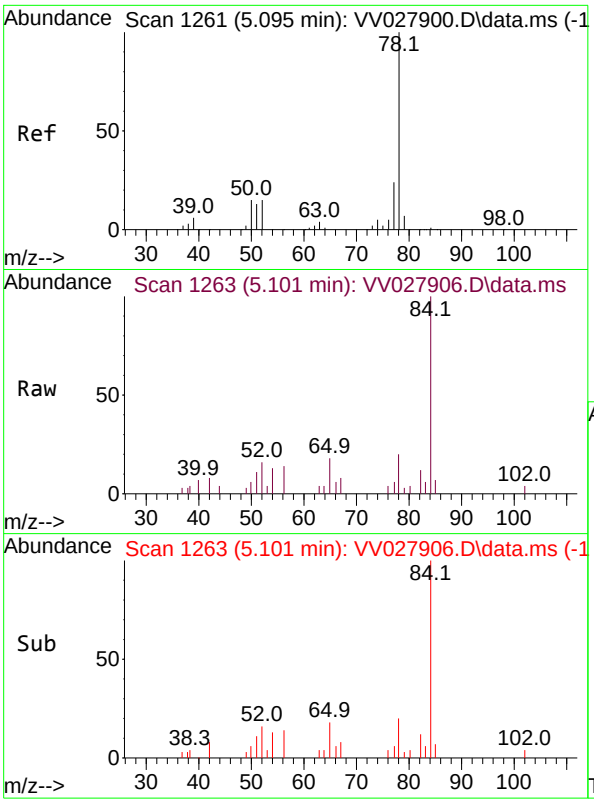


#6
Bromomethane
Concen: 0.049 ug/L
RT: 1.529 min Scan# 152
Delta R.T. 0.006 min
Lab File: VV027906.D
Acq: 17 Sep 2022 17:46

Tgt Ion: 94 Resp: 305

Ion	Ratio	Lower	Upper
94	100		
96	86.6	64.2	119.2

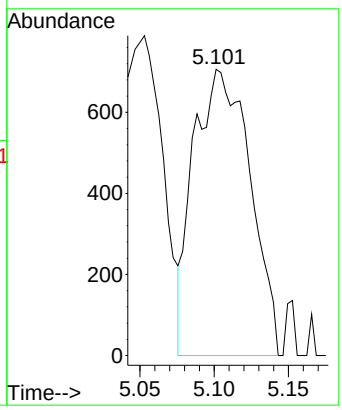


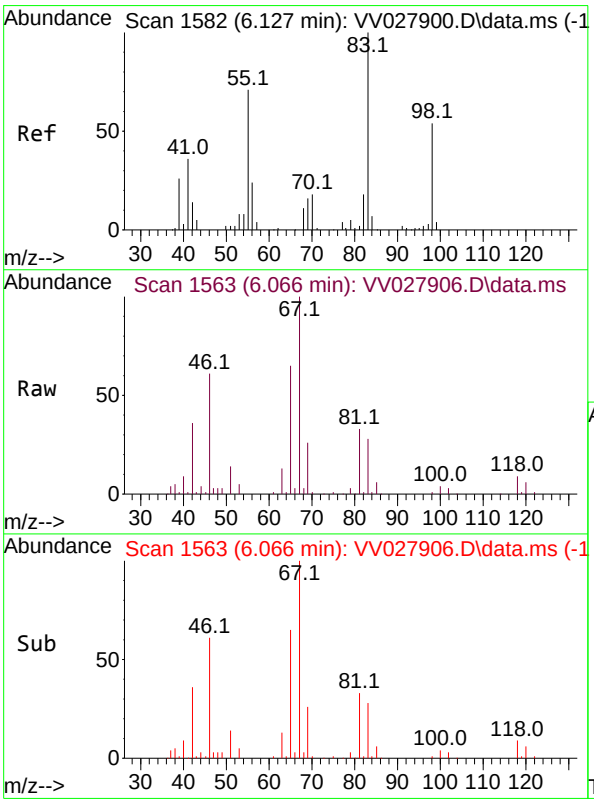


#33
Benzene
Concen: 0.045 ug/L
RT: 5.101 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV027906.D
Acq: 17 Sep 2022 17:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 1870

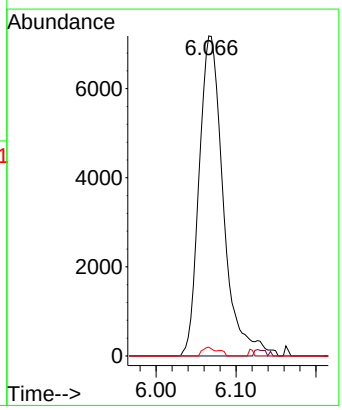


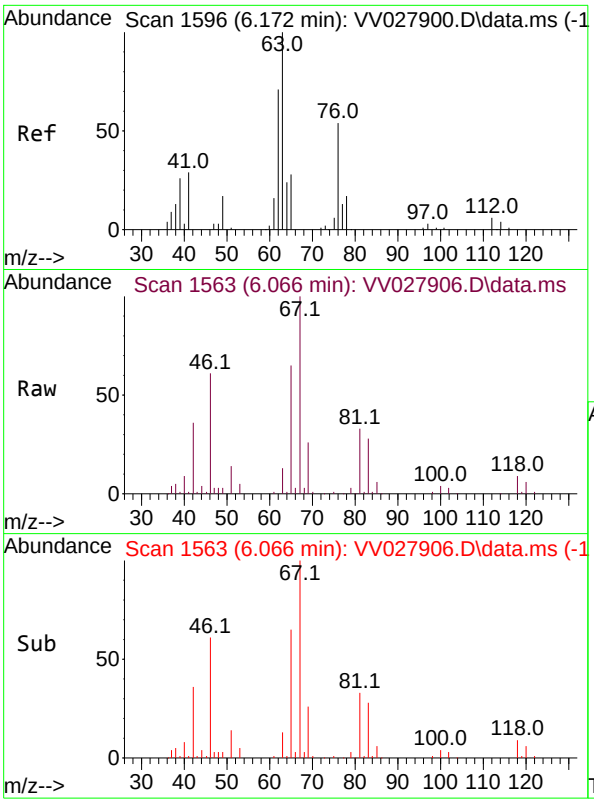


#35
Methylcyclohexane
Concen: 0.973 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV027906.D
Acq: 17 Sep 2022 17:46

Tgt Ion: 83 Resp: 15136

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	1.3	37.5	56.3#



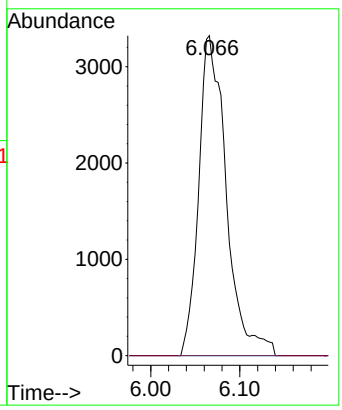


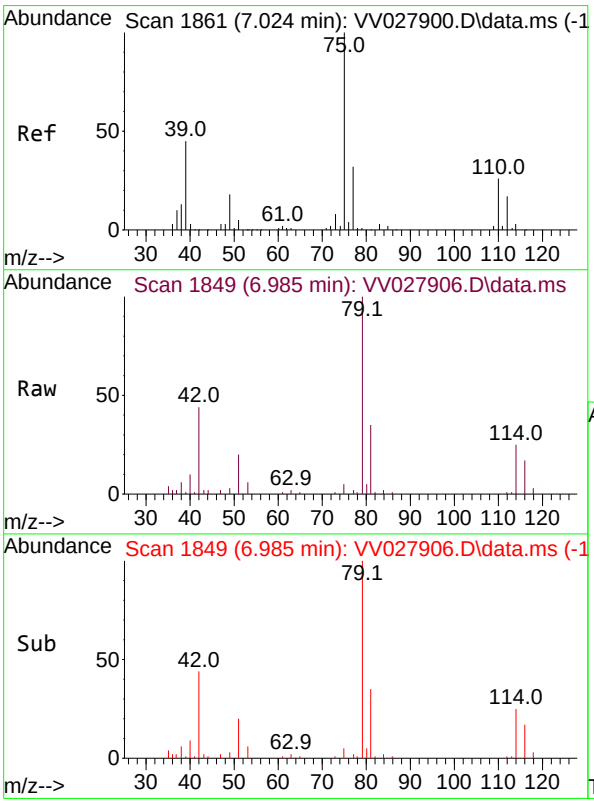
#37
1,2-Dichloropropane
Concen: 0.763 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.106 min
Lab File: VV027906.D
Acq: 17 Sep 2022 17:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 7143

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#

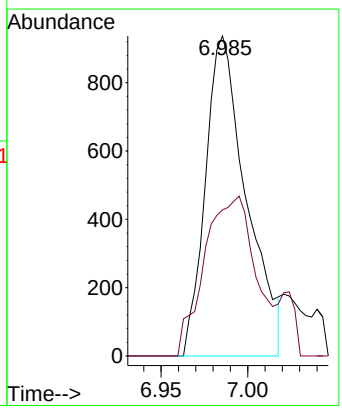


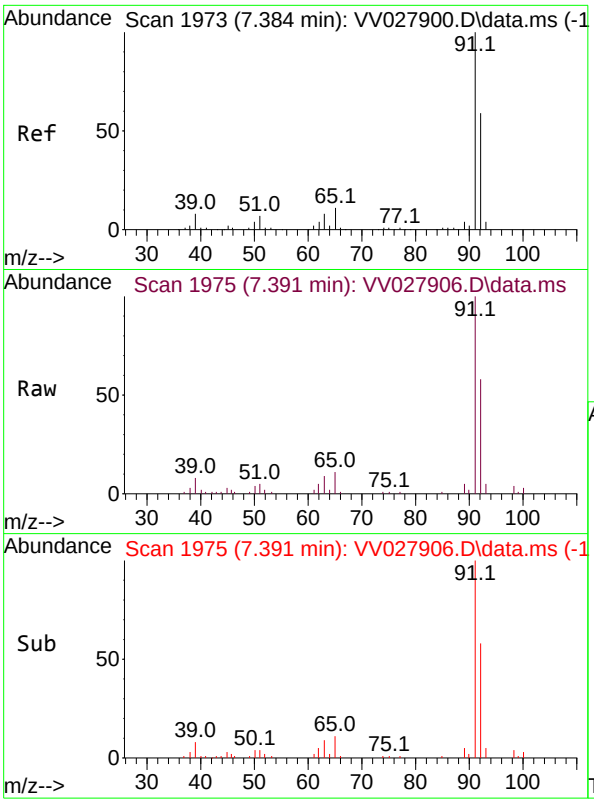


#39
cis-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.039 min
Lab File: VV027906.D
Acq: 17 Sep 2022 17:46

Tgt Ion: 75 Resp: 1540

Ion	Ratio	Lower	Upper
75	100		
77	45.7	22.0	40.8#



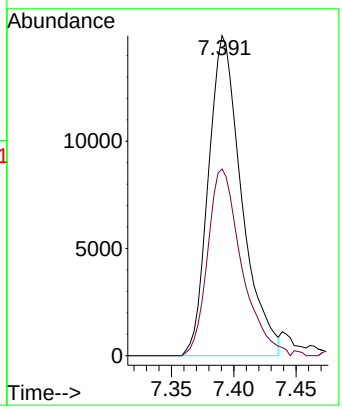


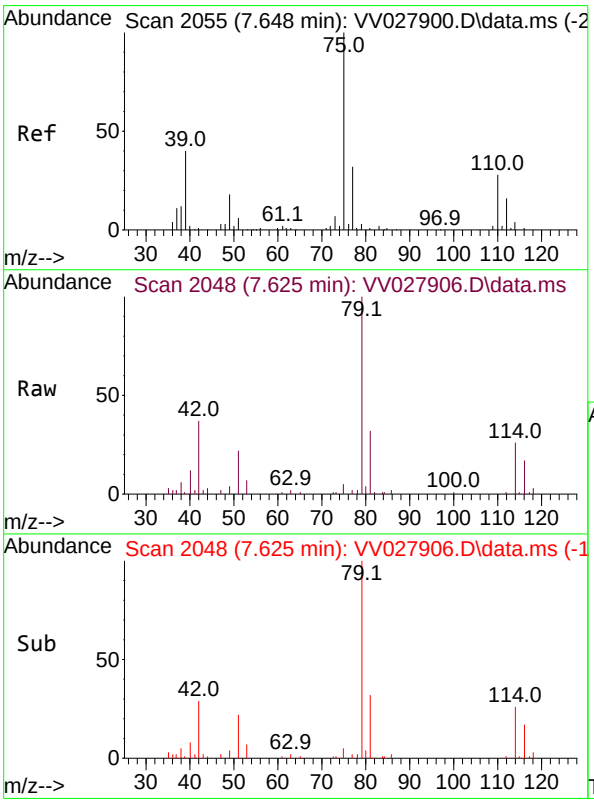
#42
Toluene
Concen: 0.606 ug/L
RT: 7.391 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV027906.D
Acq: 17 Sep 2022 17:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 27673

Ion	Ratio	Lower	Upper
91	100		
92	58.4	40.8	75.8

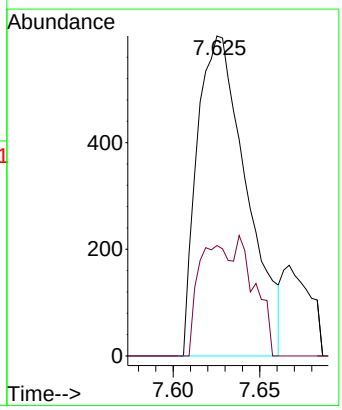


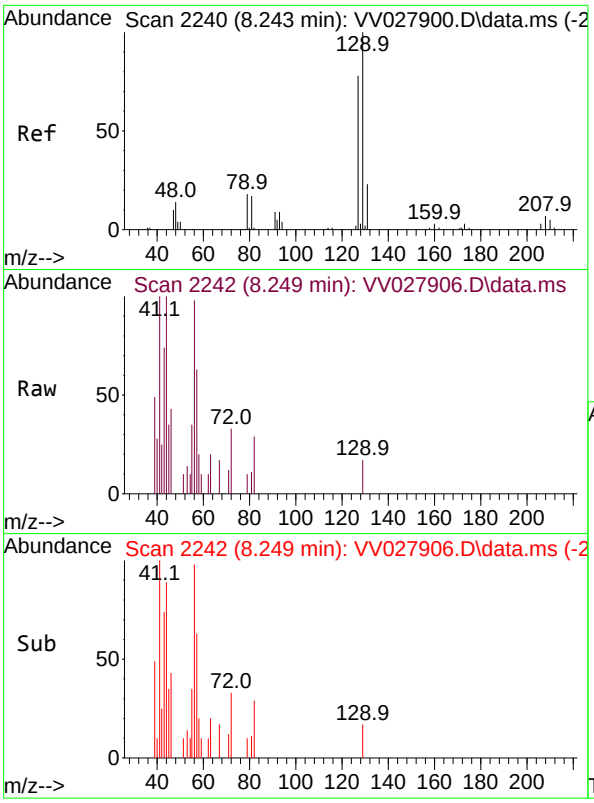


#44
trans-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.022 min
Lab File: VV027906.D
Acq: 17 Sep 2022 17:46

Tgt Ion: 75 Resp: 1183

Ion	Ratio	Lower	Upper
75	100		
77	34.5	22.6	42.0



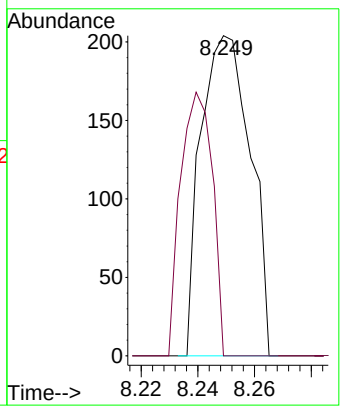


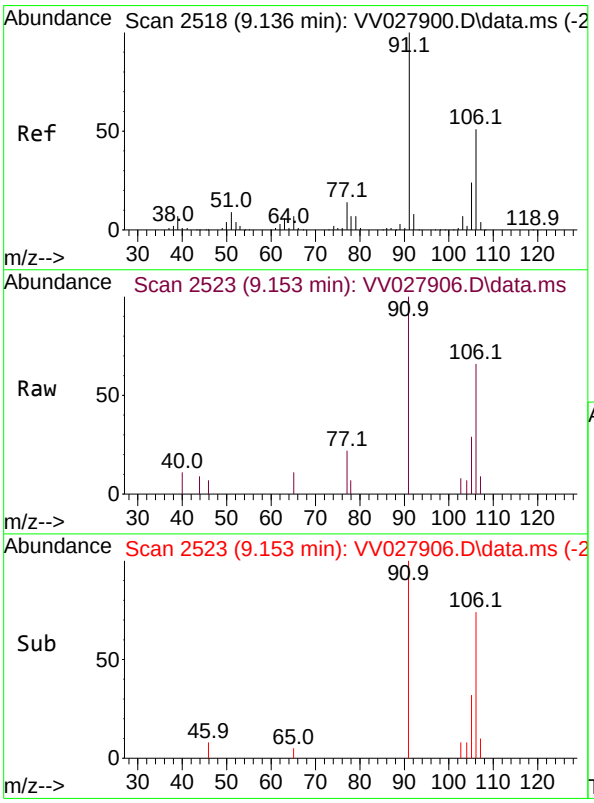
#49
Dibromochloromethane
Concen: 0.026 ug/L
RT: 8.249 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV027906.D
Acq: 17 Sep 2022 17:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 247

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#

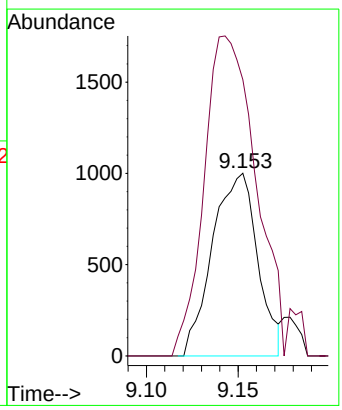


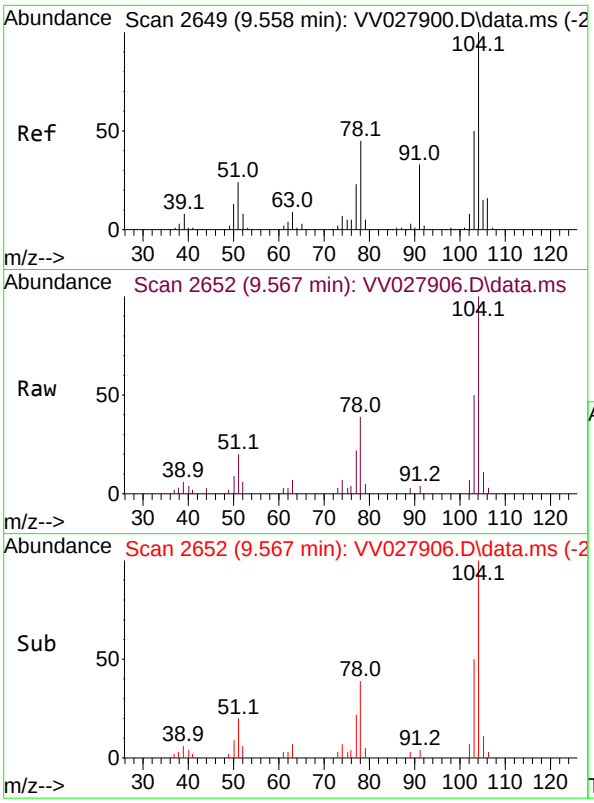


#53
m,p-Xylene
Concen: 0.087 ug/L
RT: 9.153 min Scan# 2523
Delta R.T. 0.016 min
Lab File: VV027906.D
Acq: 17 Sep 2022 17:46

Tgt Ion:106 Resp: 1716

Ion	Ratio	Lower	Upper
106	100		
91	151.2	142.4	264.4



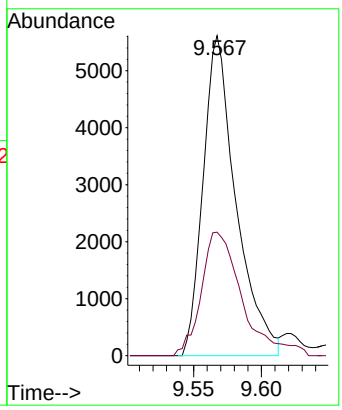


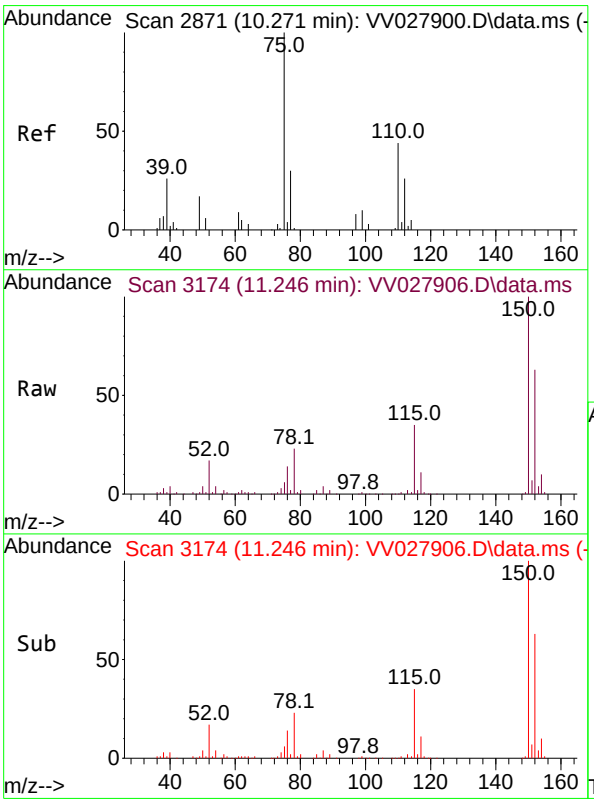
#55
Styrene
Concen: 0.287 ug/L
RT: 9.567 min Scan# 2
Delta R.T. 0.010 min
Lab File: VV027906.D
Acq: 17 Sep 2022 17:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:104 Resp: 9472

Ion	Ratio	Lower	Upper
104	100		
78	38.6	31.7	58.9

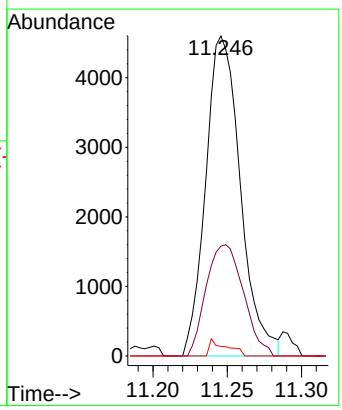


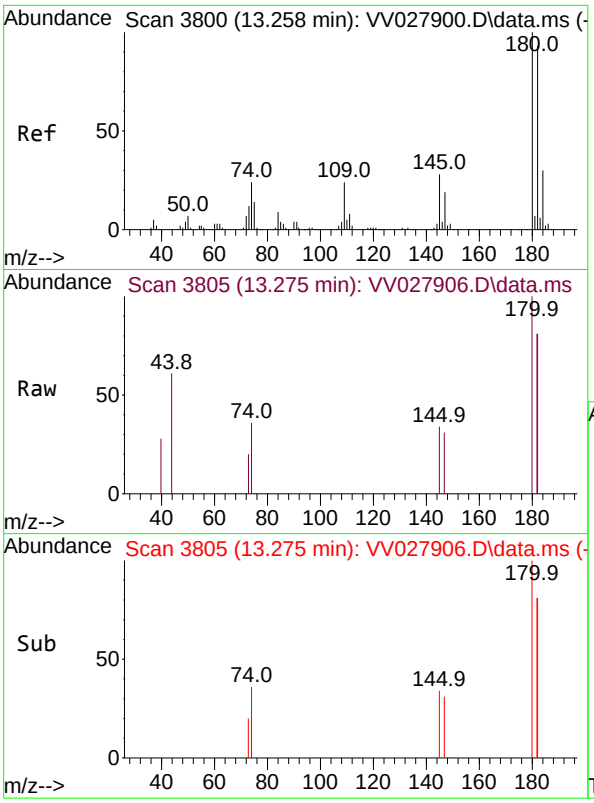


#61
1,2,3-Trichloropropane
Concen: 1.341 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV027906.D
Acq: 17 Sep 2022 17:46

Tgt Ion: 75 Resp: 7486

Ion	Ratio	Lower	Upper
75	100		
77	37.2	27.6	41.4
110	2.6	35.6	53.4#



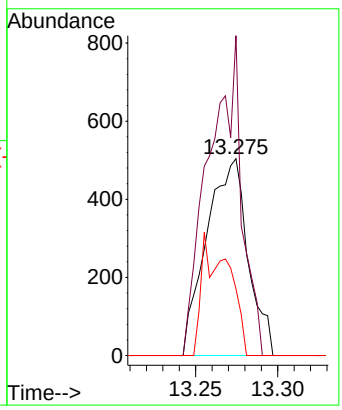


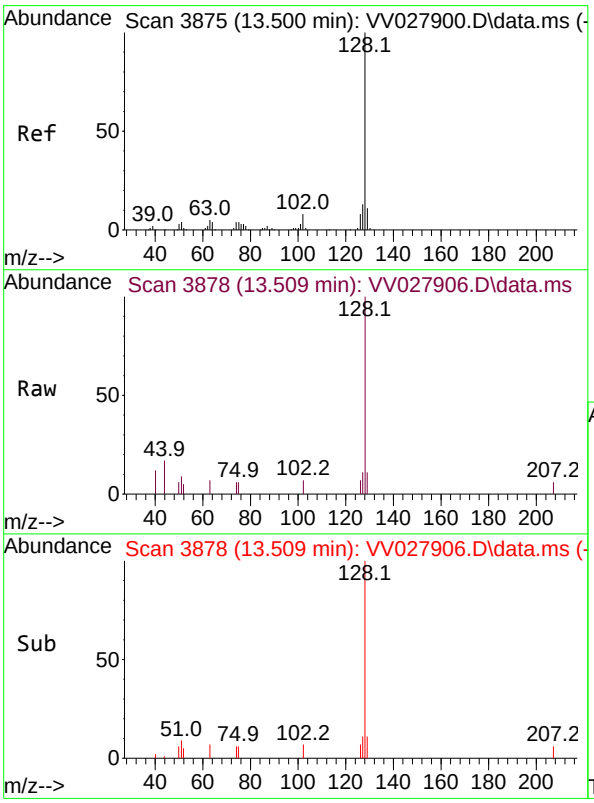
#70
1,2,4-trichlorobenzene
Concen: 0.058 ug/L
RT: 13.275 min Scan# 3
Delta R.T. 0.016 min
Lab File: VV027906.D
Acq: 17 Sep 2022 17:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 884

Ion	Ratio	Lower	Upper
180	100		
182	128.8	76.6	114.8#
145	21.6	24.6	37.0#

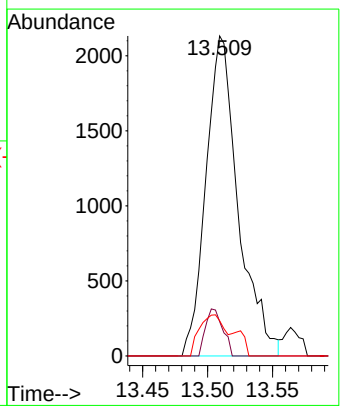


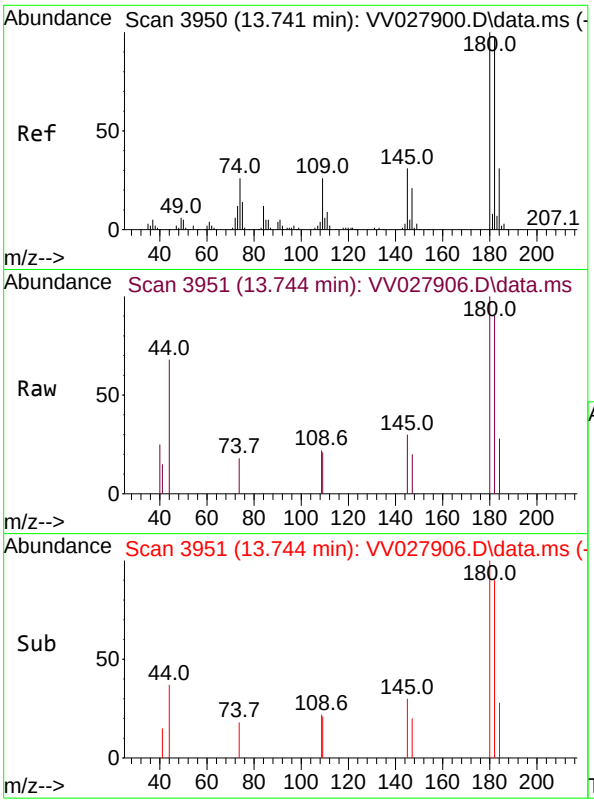


#71
Naphthalene
Concen: 0.172 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV027906.D
Acq: 17 Sep 2022 17:46

Tgt Ion:128 Resp: 3681

Ion	Ratio	Lower	Upper
128	100		
129	7.8	9.2	13.8#
127	10.6	10.6	16.0





#72
1,2,3-Trichlorobenzene
Concen: 0.079 ug/L
RT: 13.744 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV027906.D
Acq: 17 Sep 2022 17:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 1033

Ion	Ratio	Lower	Upper
180	100		
182	88.5	76.5	114.7
145	21.4	26.5	39.7#