Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100522\
Data File : VV028386.D
Acq On : 05 Oct 2022 22:34
Operator : SY/MD
Sample : N4900-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXFS3

Quant Time: Oct 06 02:35:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	187940	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	192892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	87580	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	63901	4.525	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.600%			
7) Chloroethane-d5	1.565	69	50736	4.244	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.800%			
11) 1,1-Dichloroethene-d2	2.105	63	75084	2.821	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.400%#			
20) 2-Butanone-d5	3.915	46	152599	63.868	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 127.740%			
24) Chloroform-d	4.346	84	123692	4.835	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.800%			
26) 1,2-Dichloroethane-d4	5.031	65	59613	5.026	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.600%			
32) Benzene-d6	5.047	84	237010	4.479	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.600%			
36) 1,2-Dichloropropane-d6	6.063	67	79751	5.254	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.000%			
41) Toluene-d8	7.313	98	188069	3.865	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.200%			
43) trans-1,3-Dichloroprop...	7.622	79	24308	4.205	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.000%			
46) 2-Hexanone-d5	8.088	63	132084	55.819	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.640%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61638	5.357	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.200%			
66) 1,2-Dichlorobenzene-d4	11.622	152	77790	5.161	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.200%			
Target Compounds						Qvalue
3) Chloromethane	1.237	50	735	0.051	ug/L	83
5) Vinyl chloride	1.307	62	1743720	108.090	ug/L	100
6) Bromomethane	1.523	94	492	0.064	ug/L #	46
8) Chloroethane	1.558	64	31327	2.914	ug/L #	51
14) Carbon disulfide	2.291	76	3483	0.083	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	24693	1.759	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	44241	3.129	ug/L	96
25) Chloroform	4.371	83	5485	0.209	ug/L	92
33) Benzene	5.105	78	7827	0.136	ug/L	100
35) Methylcyclohexane	6.066	83	20232	0.862	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	8488	0.638	ug/L #	87
53) m,p-Xylene	9.146	106	1443	0.057	ug/L	83
54) o-Xylene	9.548	106	2262	0.094	ug/L	89
61) 1,2,3-Trichloropropane	11.191	75	513	0.076	ug/L #	39
62) 1,3,5-Trimethylbenzene	10.921	105	728	0.048	ug/L	92

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

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MSVOA_V
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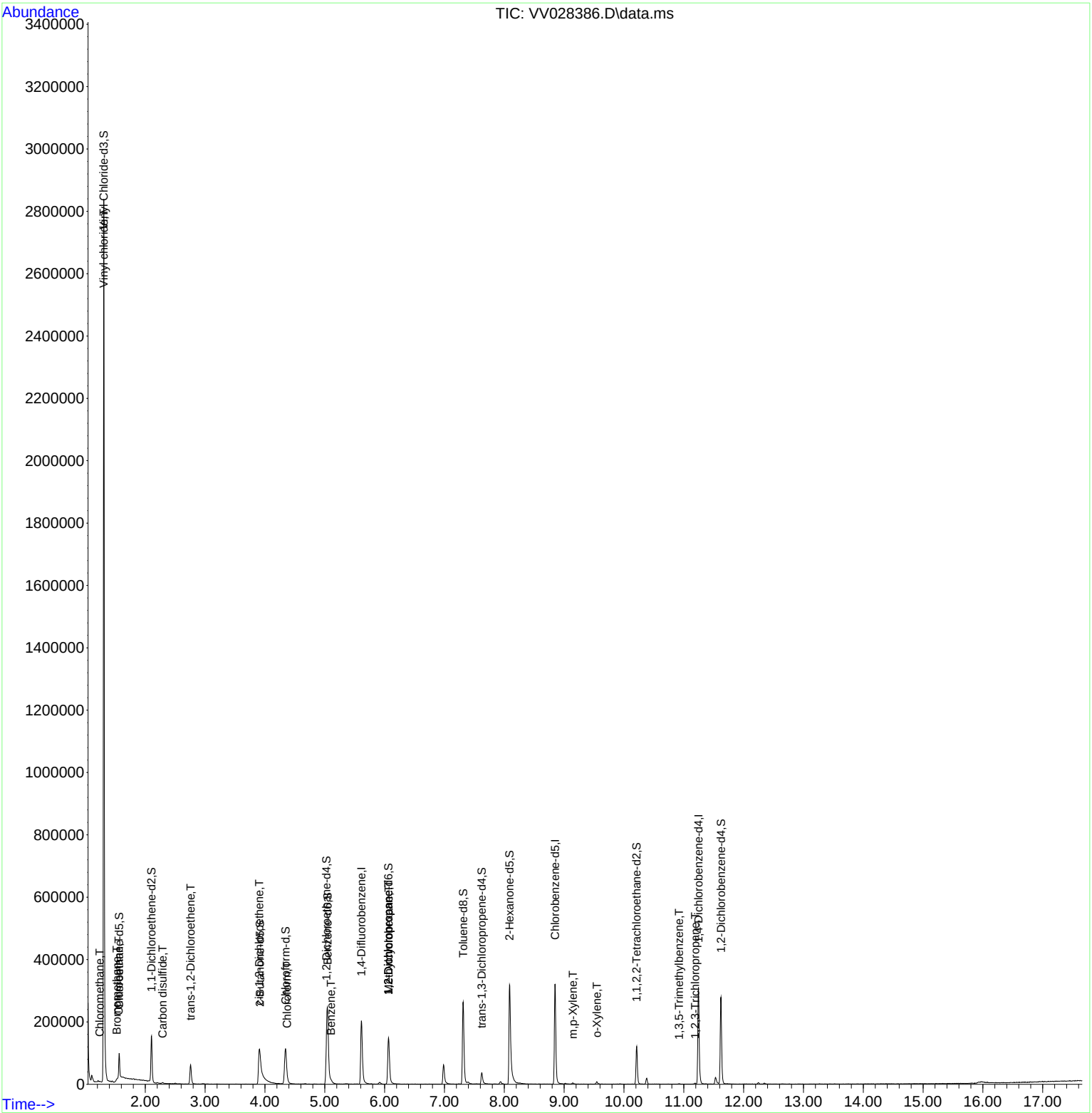
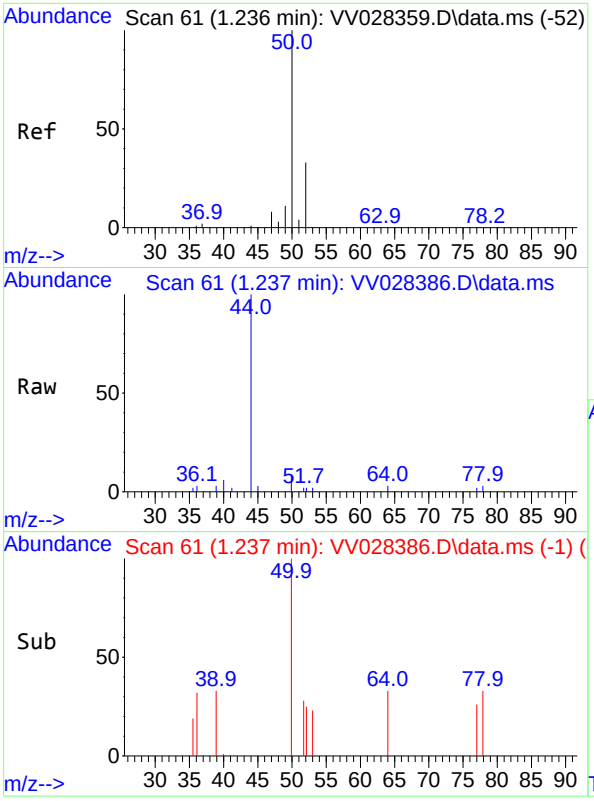
EXFS3

Quant Time: Oct 06 02:35:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration



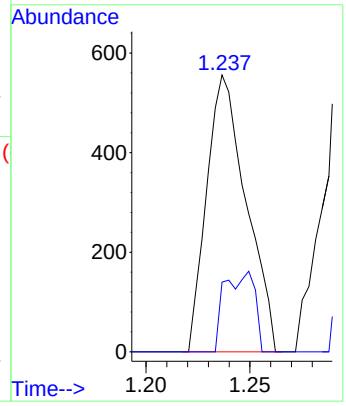


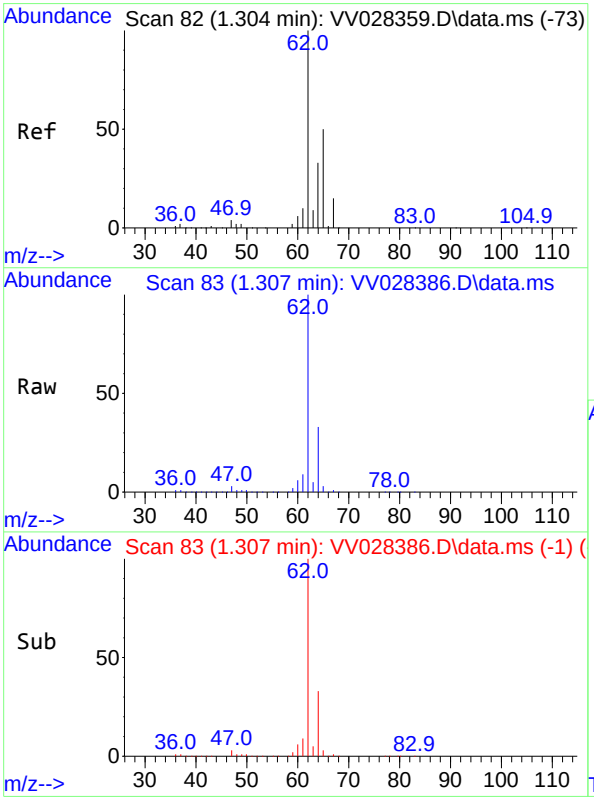
#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Instrument :
MSVOA_V
ClientSampleId :
EXFS3

Tgt Ion: 50 Resp: 735

Ion	Ratio	Lower	Upper
50	100		
52	25.2	24.4	45.2

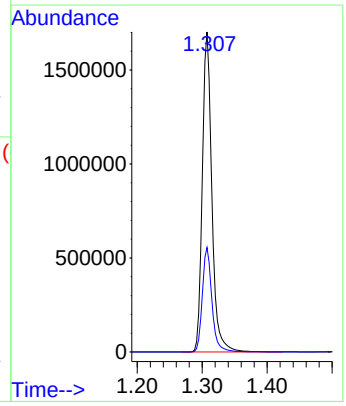


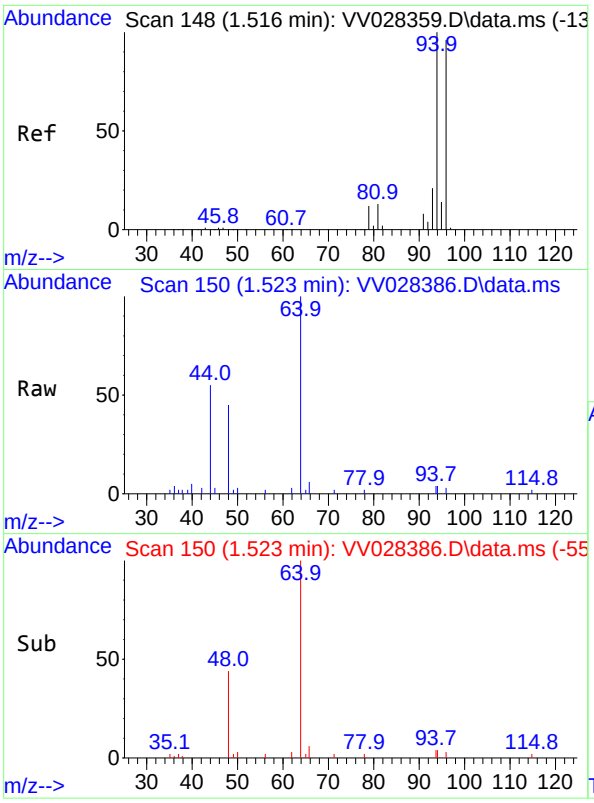


#5
Vinyl chloride
Concen: 108.090 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Tgt Ion: 62 Resp: 1743720

Ion	Ratio	Lower	Upper
62	100		
64	32.7	23.0	42.8



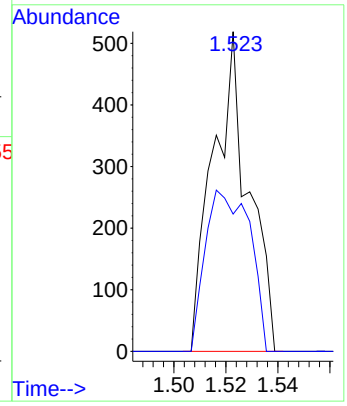


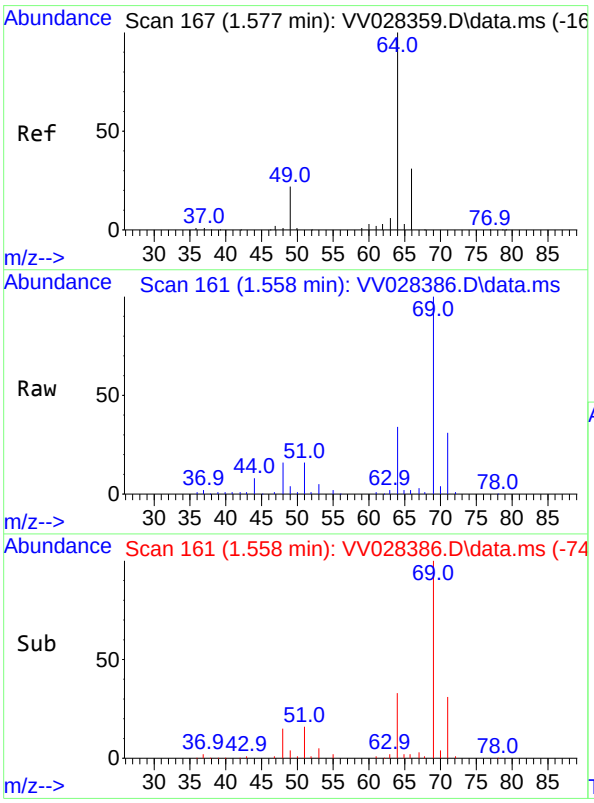
#6
Bromomethane
Concen: 0.064 ug/L
RT: 1.523 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Instrument :
MSVOA_V
ClientSampleId :
EXFS3

Tgt Ion: 94 Resp: 492

Ion	Ratio	Lower	Upper
94	100		
96	43.0	66.7	123.9#

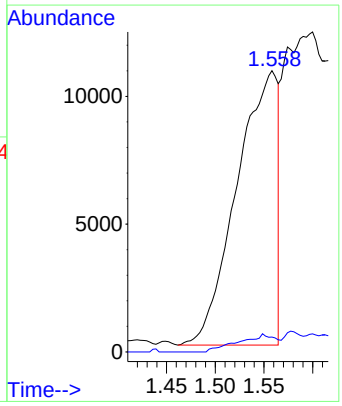


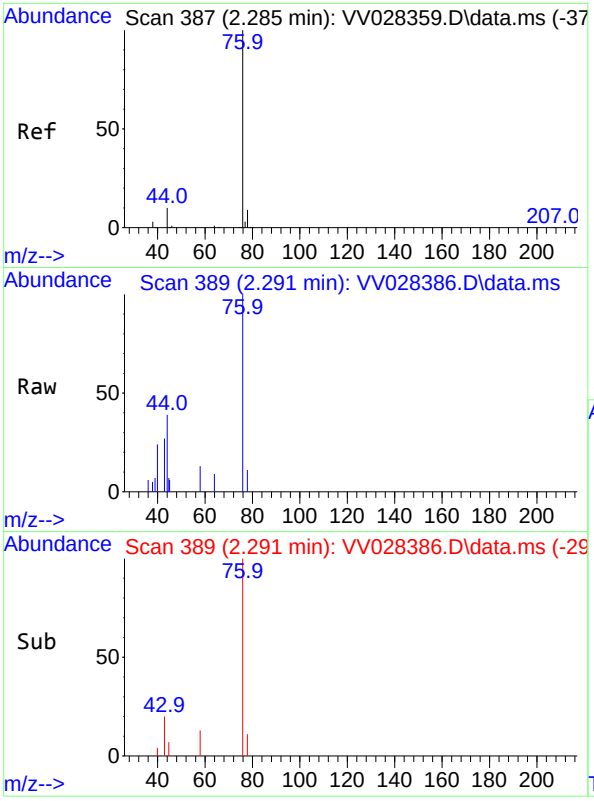


#8
Chloroethane
Concen: 2.914 ug/L
RT: 1.558 min Scan# 161
Delta R.T. -0.019 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Tgt Ion: 64 Resp: 31327

Ion	Ratio	Lower	Upper
64	100		
66	5.3	23.0	42.8#



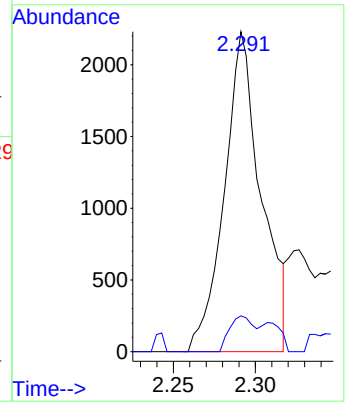


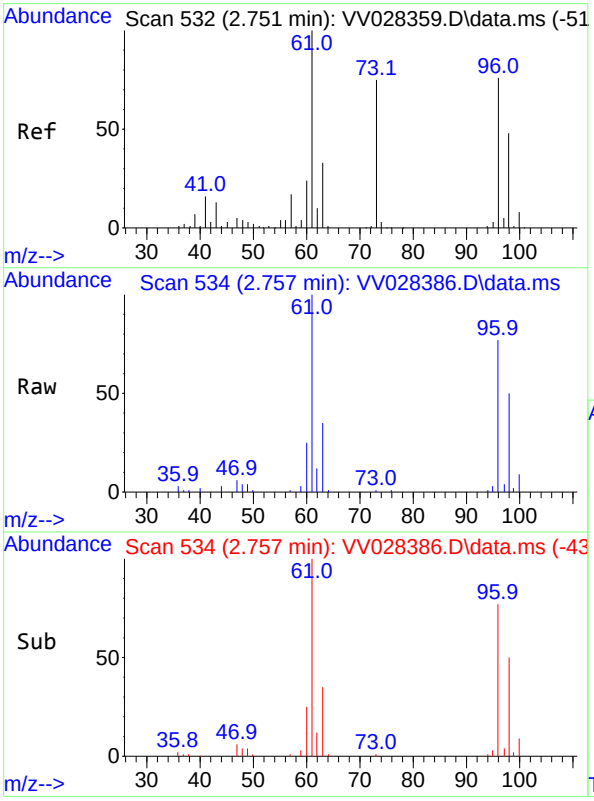
#14
Carbon disulfide
Concen: 0.083 ug/L
RT: 2.291 min Scan# 3
Delta R.T. 0.007 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Instrument :
MSVOA_V
ClientSampleId :
EXFS3

Tgt Ion: 76 Resp: 3483

Ion	Ratio	Lower	Upper
76	100		
78	11.2	7.6	11.4

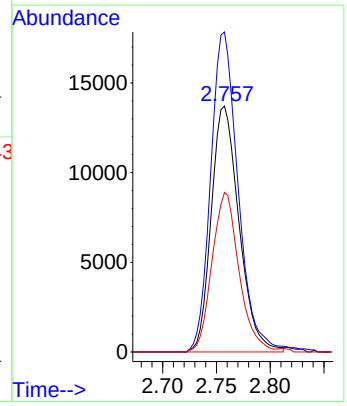


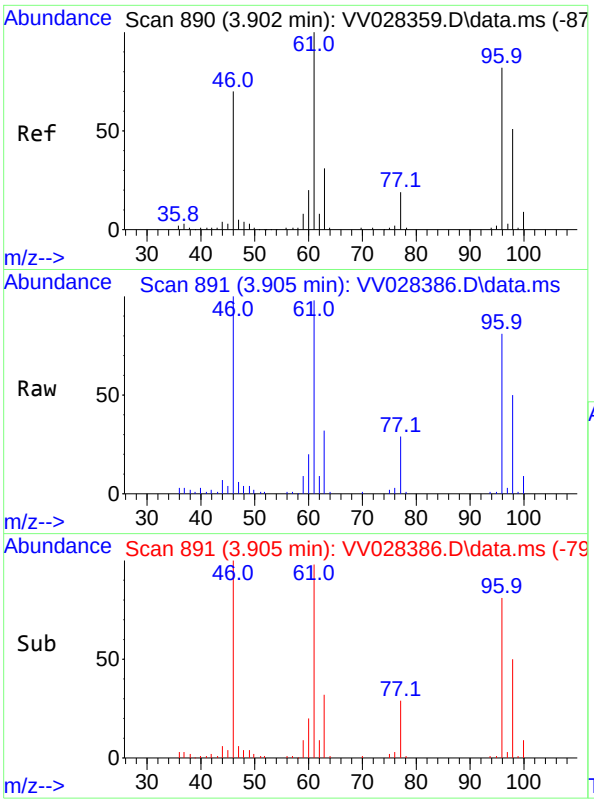


#18
trans-1,2-Dichloroethene
Concen: 1.759 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.007 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Tgt Ion: 96 Resp: 24693

Ion	Ratio	Lower	Upper
96	100		
61	130.1	96.2	178.6
98	64.9	45.7	84.9



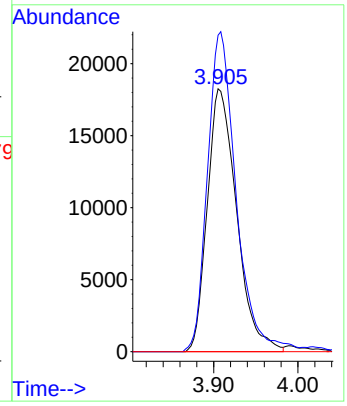


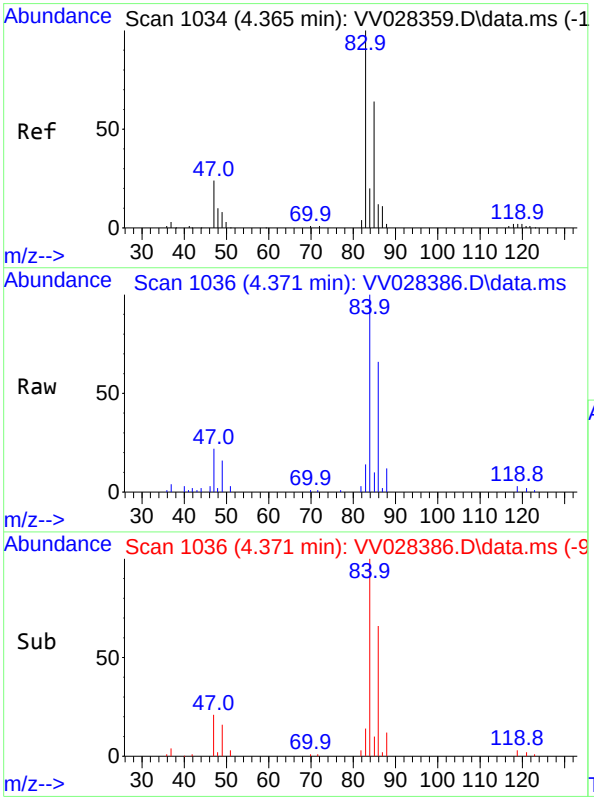
#22
cis-1,2-Dichloroethene
Concen: 3.129 ug/L
RT: 3.905 min Scan# 8
Delta R.T. 0.000 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Instrument :
MSVOA_V
ClientSampleId :
EXFS3

Tgt Ion: 96 Resp: 44241

Ion	Ratio	Lower	Upper
96	100		
61	120.4	87.2	161.9
68	0.0	0.0	0.0

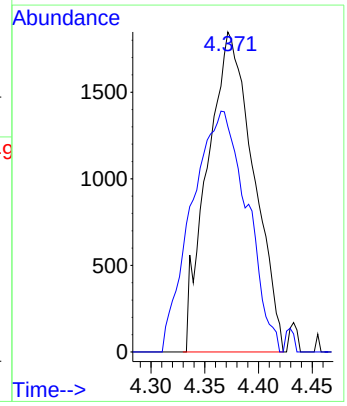


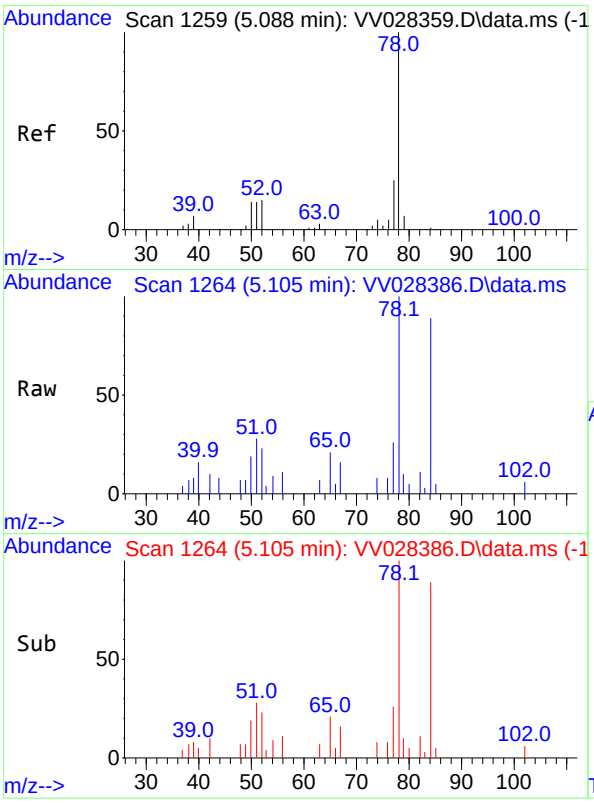


#25
Chloroform
Concen: 0.209 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Tgt Ion: 83 Resp: 5485

Ion	Ratio	Lower	Upper
83	100		
85	70.5	45.1	83.7

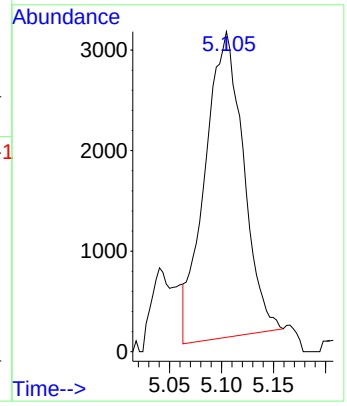


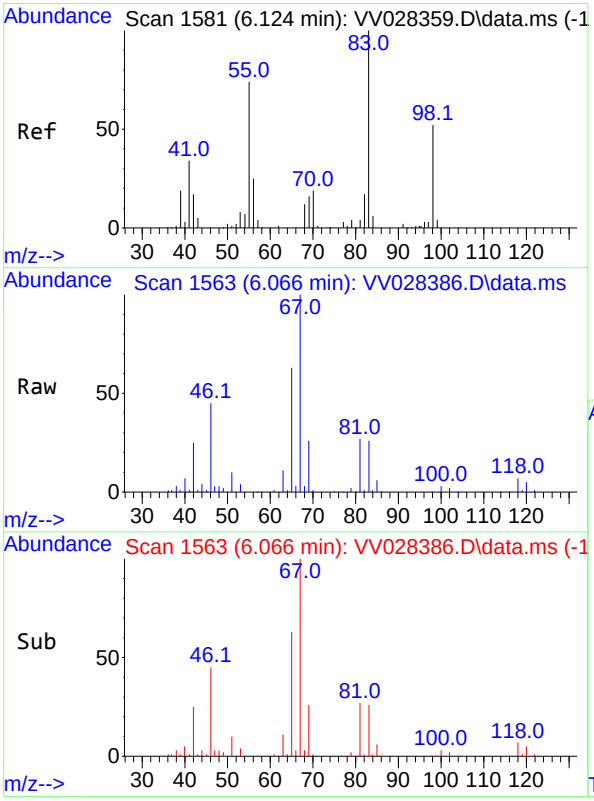


#33
Benzene
Concen: 0.136 ug/L
RT: 5.105 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Instrument :
MSVOA_V
ClientSampleId :
EXFS3

Tgt Ion: 78 Resp: 7827

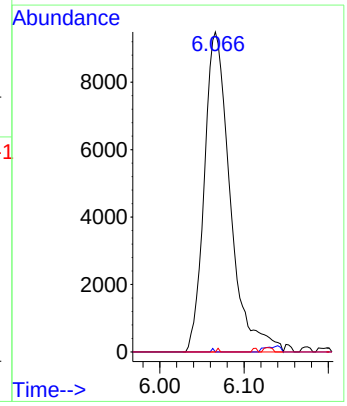


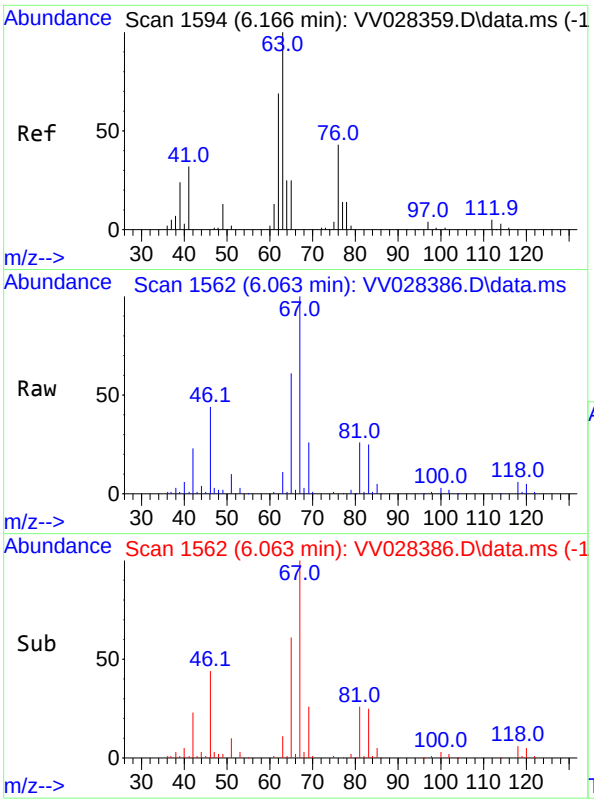


#35
Methylcyclohexane
Concen: 0.862 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Tgt Ion: 83 Resp: 20232

Ion	Ratio	Lower	Upper
83	100		
55	0.1	64.7	97.1#
98	0.1	39.5	59.3#



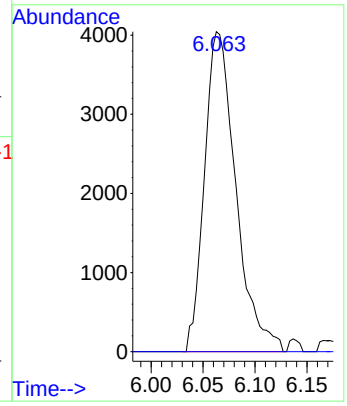


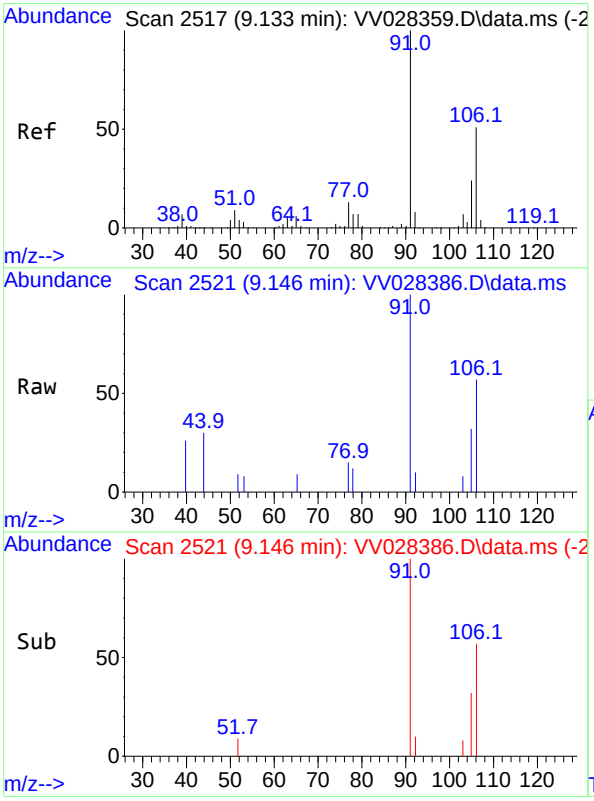
#37
1,2-Dichloropropane
Concen: 0.638 ug/L
RT: 6.063 min Scan# 1
Delta R.T. -0.106 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Instrument :
MSVOA_V
ClientSampleId :
EXFS3

Tgt Ion: 63 Resp: 8488

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

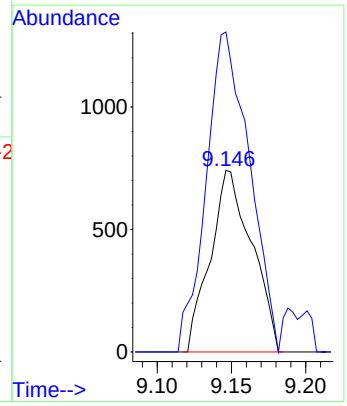


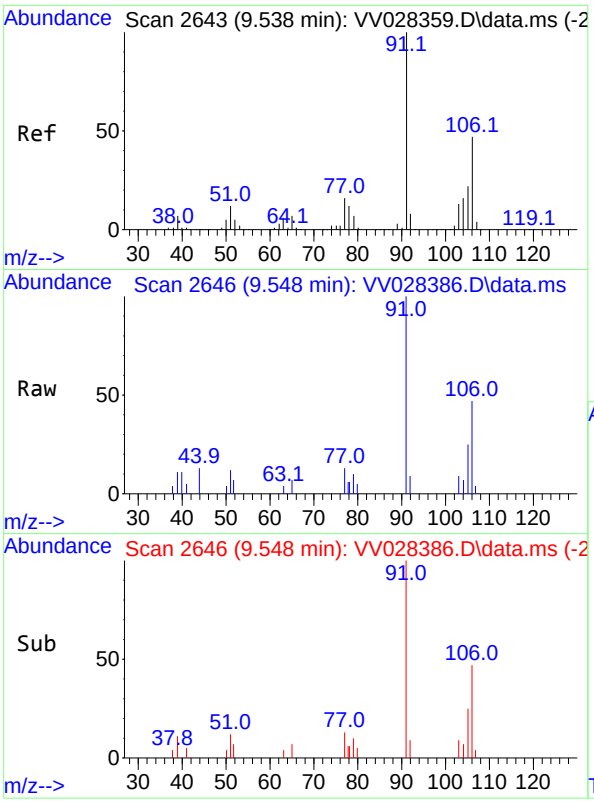


#53
m,p-Xylene
Concen: 0.057 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.013 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Tgt Ion:106 Resp: 1443

Ion	Ratio	Lower	Upper
106	100		
91	176.2	141.9	263.5



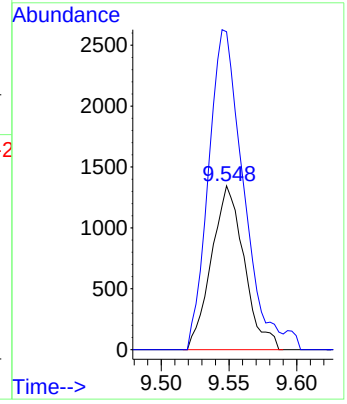


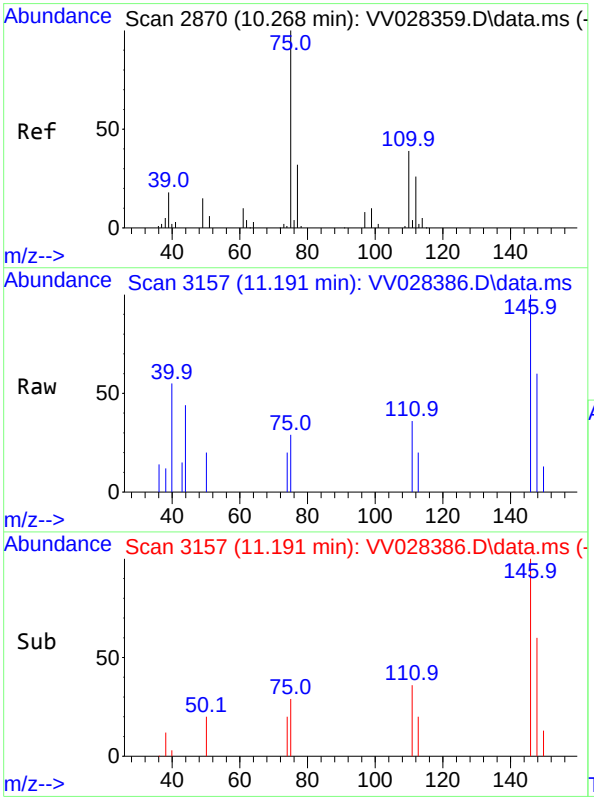
#54
o-Xylene
Concen: 0.094 ug/L
RT: 9.548 min Scan# 2
Delta R.T. 0.007 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Instrument :
MSVOA_V
ClientSampleId :
EXFS3

Tgt Ion:106 Resp: 2262

Ion	Ratio	Lower	Upper
106	100		
91	194.1	148.1	275.0

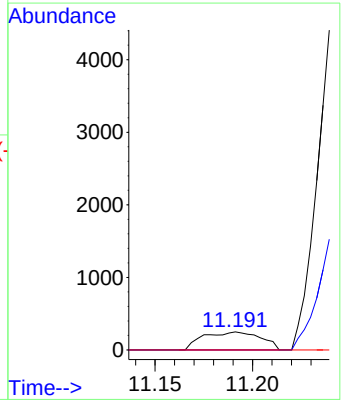


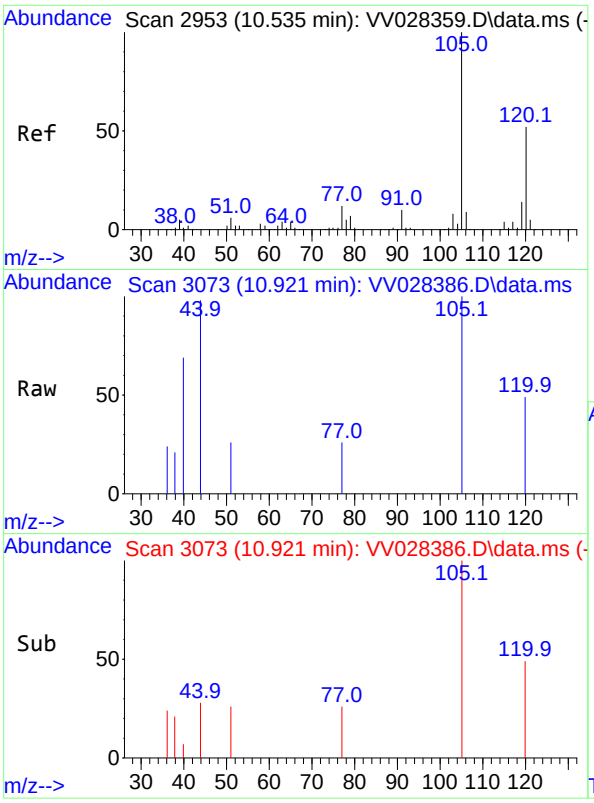


#61
1,2,3-Trichloropropane
Concen: 0.076 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.920 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Tgt Ion: 75 Resp: 513

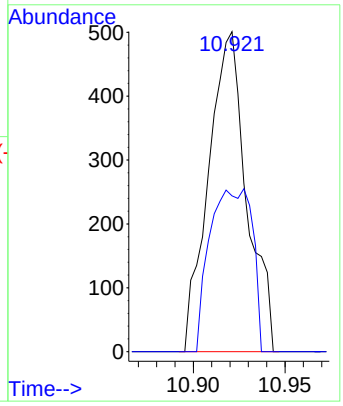
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.7	40.1#
110	0.0	30.1	45.1#





#62
1,3,5-Trimethylbenzene
Concen: 0.048 ug/L
RT: 10.921 min Scan# 3
Delta R.T. 0.386 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Instrument :
MSVOA_V
ClientSampleId :
EXFS3

Tgt Ion:105 Resp: 728

Ion	Ratio	Lower	Upper
105	100		
120	56.5	40.6	61.0