Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012423\
Data File : VV029924.D
Acq On : 24 Jan 2023 15:37
Operator : SY/MD
Sample : VV0124WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK295

Quant Time: Jan 25 00:45:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 25 00:44:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	160582	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	158258	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	82394	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	56717	4.657	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.200%			
7) Chloroethane-d5	1.564	69	55300	5.477	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.600%			
11) 1,1-Dichloroethene-d2	2.105	63	76023	3.424	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.400%			
20) 2-Butanone-d5	3.886	46	124099	57.485	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.960%			
24) Chloroform-d	4.336	84	107123	4.795	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.800%			
26) 1,2-Dichloroethane-d4	5.024	65	46886	4.955	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.200%			
32) Benzene-d6	5.040	84	210115	4.476	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.600%			
36) 1,2-Dichloropropane-d6	6.059	67	70124	5.104	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.000%			
41) Toluene-d8	7.307	98	169676	3.904	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.000%			
43) trans-1,3-Dichloroprop...	7.616	79	19435	3.873	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.400%			
46) 2-Hexanone-d5	8.085	63	100307	49.103	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.200%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	52620	5.226	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.600%			
66) 1,2-Dichlorobenzene-d4	11.612	152	65289	4.358	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.200%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1333	0.085	ug/L	89
6) Bromomethane	1.519	94	1073	0.143	ug/L	89
16) Methylene chloride	2.500	84	8861	0.520	ug/L	90
35) Methylcyclohexane	6.059	83	15391	0.687	ug/L #	20
67) 1,2-Dichlorobenzene	11.632	146	1723	0.072	ug/L #	84
69) 1,3,5-Trichlorobenzene	12.632	180	1871	0.087	ug/L	90
70) 1,2,4-trichlorobenzene	13.252	180	3029	0.180	ug/L	87
71) Naphthalene	13.493	128	14370	0.659	ug/L	96
72) 1,2,3-Trichlorobenzene	13.734	180	2729	0.195	ug/L	99

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

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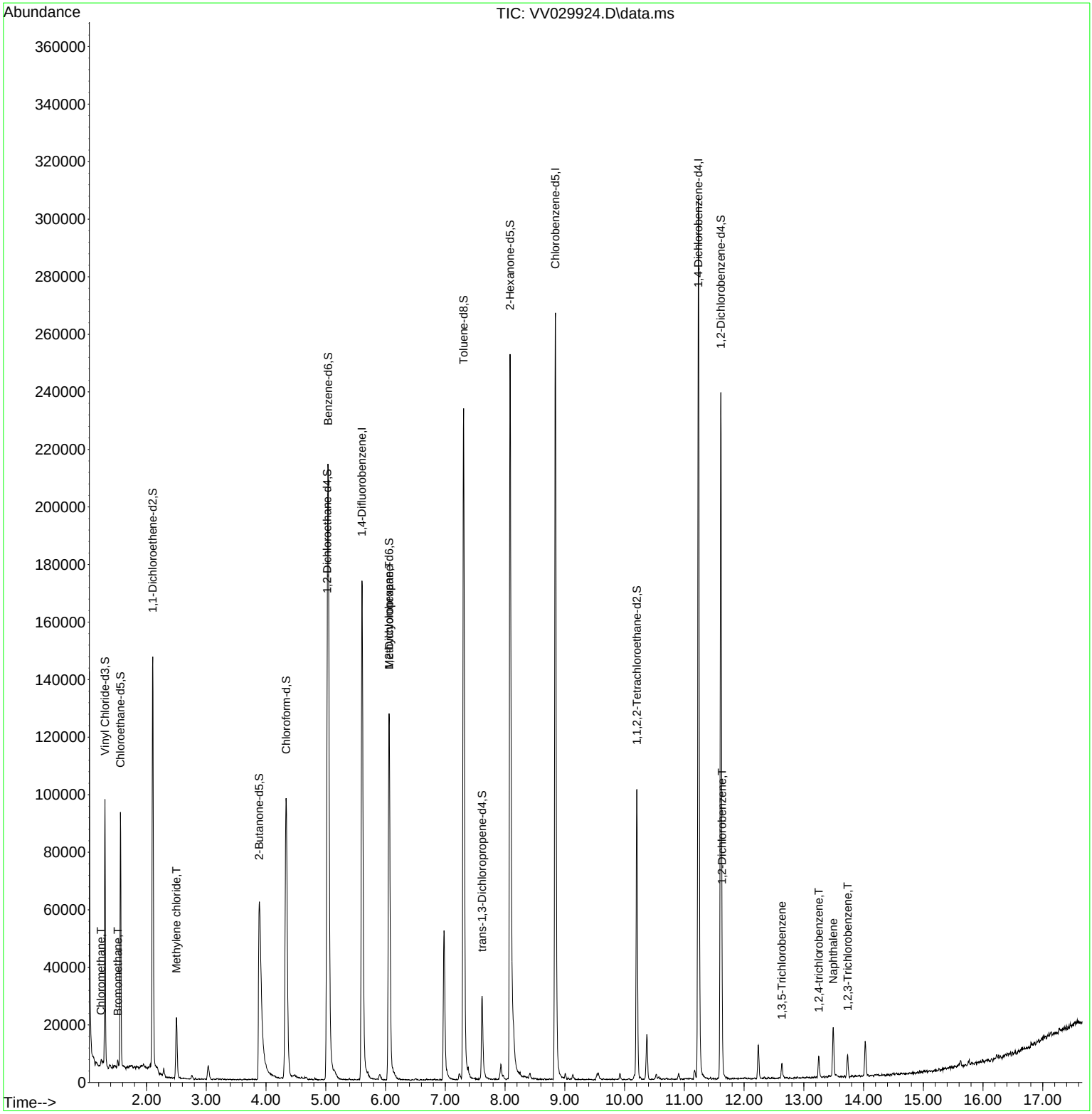
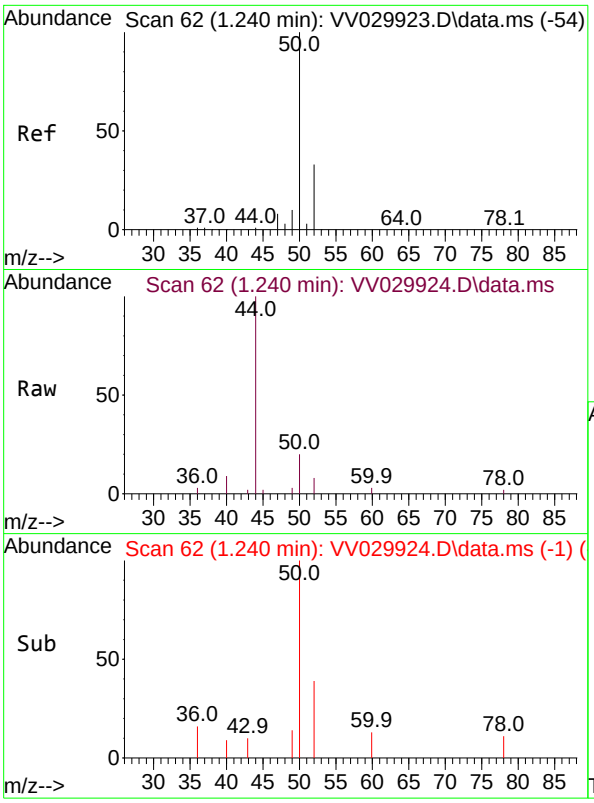
Instrument :
MSVOA_V
ClientSampleId :
VBLK295

Quant Time: Jan 25 00:45:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 25 00:44:28 2023
Response via : Initial Calibration



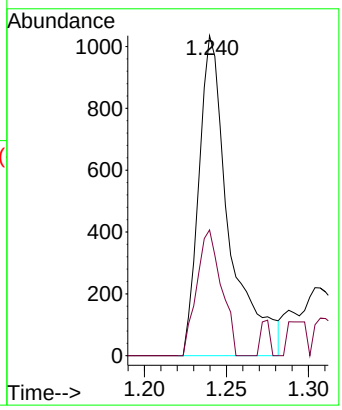


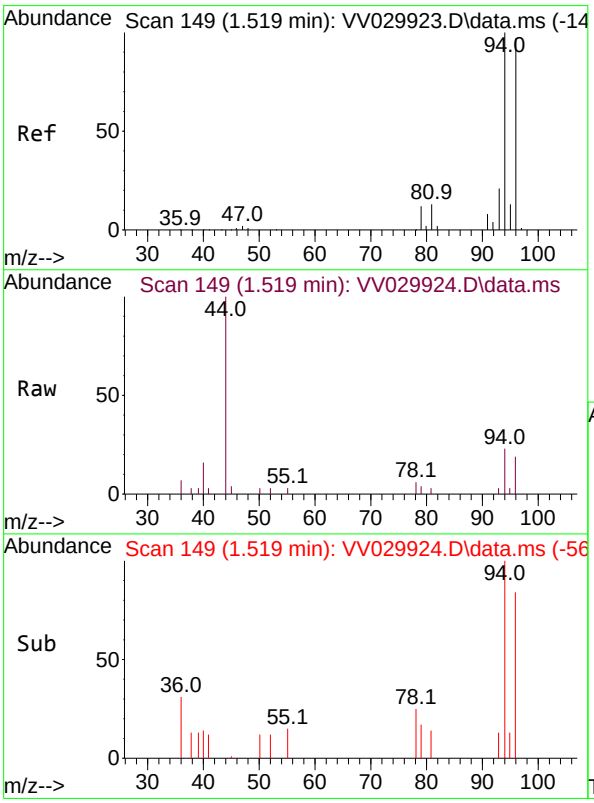
#3
Chloromethane
Concen: 0.085 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV029924.D
Acq: 24 Jan 2023 15:37

Instrument :
MSVOA_V
ClientSampleId :
VBLK295

Tgt Ion: 50 Resp: 1333

Ion	Ratio	Lower	Upper
50	100		
52	39.3	23.1	42.9

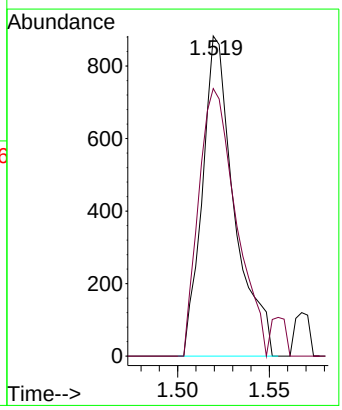


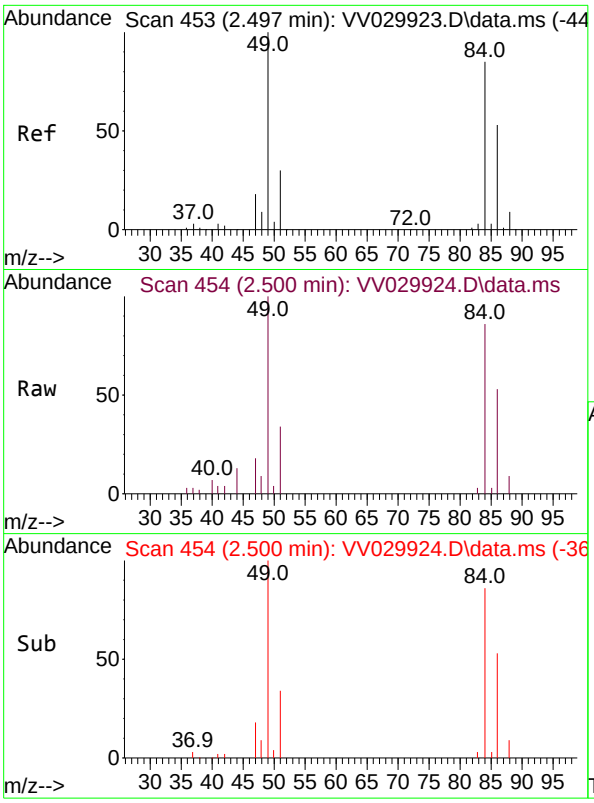


#6
Bromomethane
Concen: 0.143 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV029924.D
Acq: 24 Jan 2023 15:37

Tgt Ion: 94 Resp: 1073

Ion	Ratio	Lower	Upper
94	100		
96	83.6	65.9	122.5



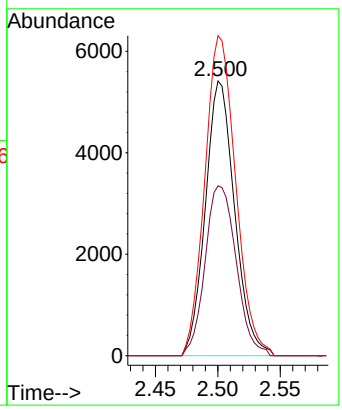


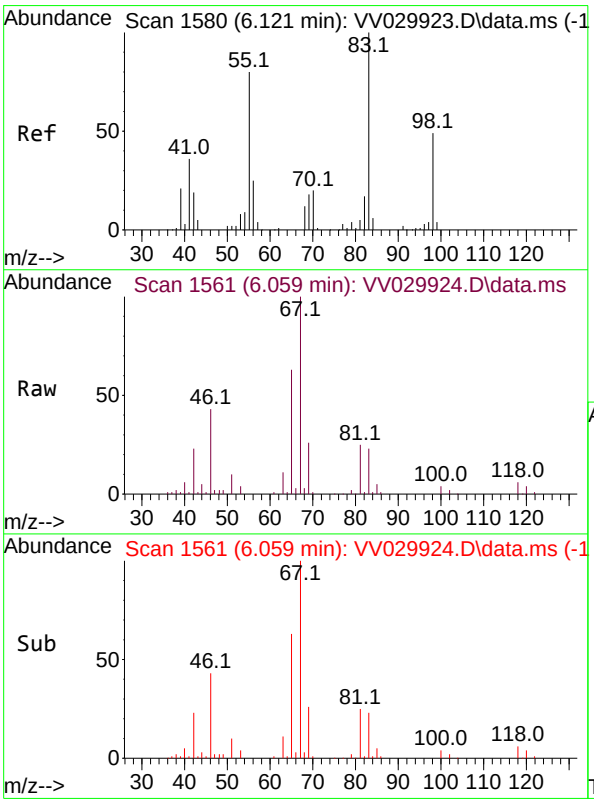
#16
Methylene chloride
Concen: 0.520 ug/L
RT: 2.500 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV029924.D
Acq: 24 Jan 2023 15:37

Instrument :
MSVOA_V
ClientSampleId :
VBLK295

Tgt Ion: 84 Resp: 8861

Ion	Ratio	Lower	Upper
84	100		
86	61.9	45.0	83.6
49	116.5	71.5	132.7

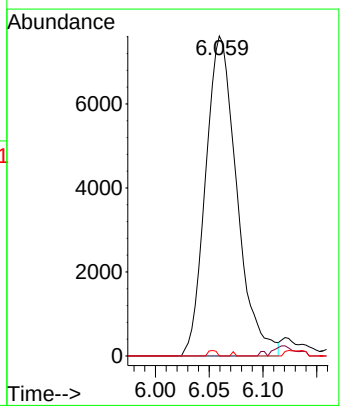


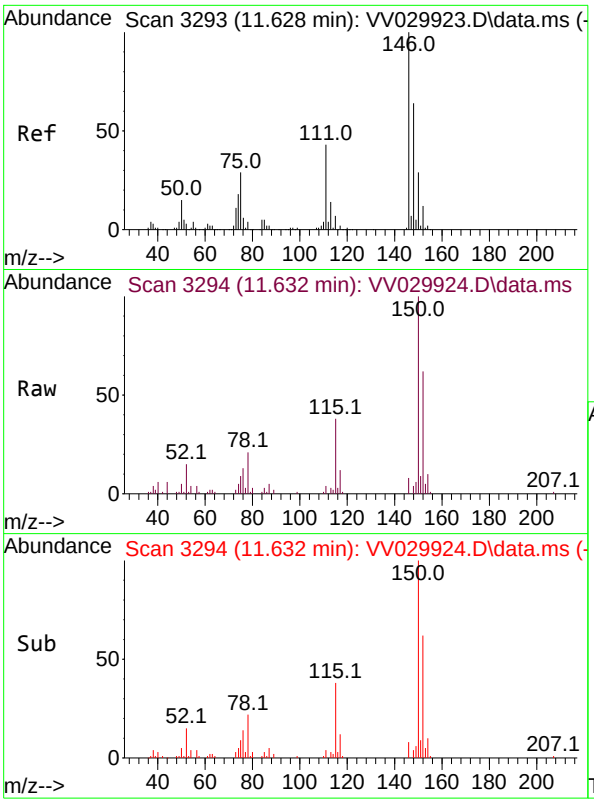


#35
Methylcyclohexane
Concen: 0.687 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.061 min
Lab File: VV029924.D
Acq: 24 Jan 2023 15:37

Tgt Ion: 83 Resp: 15391

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.3	85.9#
98	0.5	39.0	58.6#



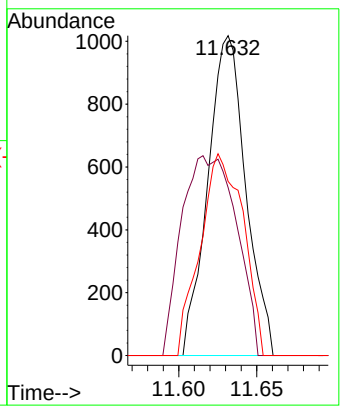


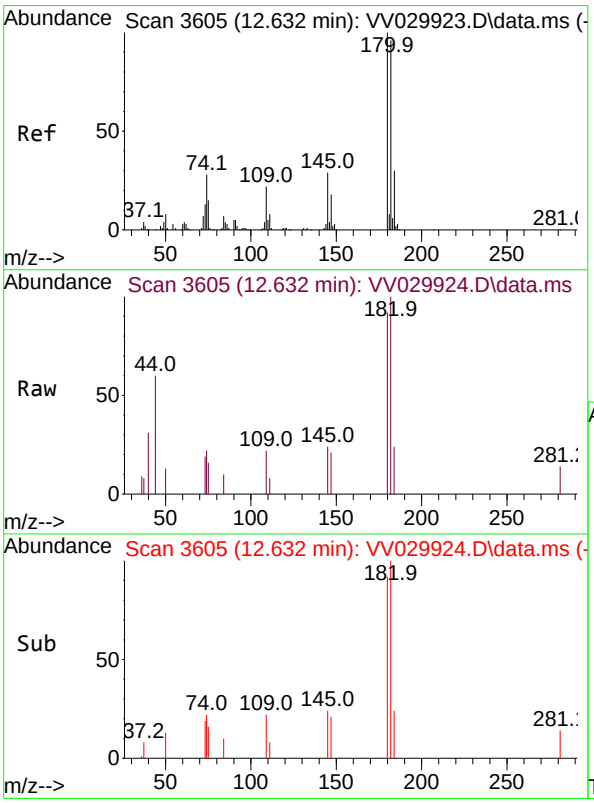
#67
1,2-Dichlorobenzene
Concen: 0.072 ug/L
RT: 11.632 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV029924.D
Acq: 24 Jan 2023 15:37

Instrument :
MSVOA_V
ClientSampleId :
VBLK295

Tgt Ion:146 Resp: 1723

Ion	Ratio	Lower	Upper
146	100		
111	52.6	31.8	47.8#
148	54.4	51.4	77.0

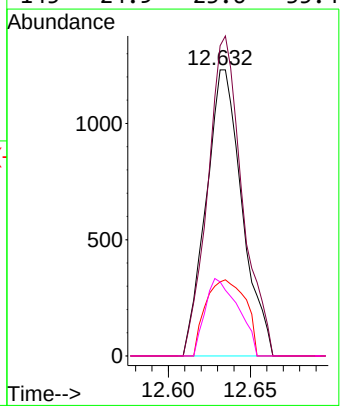


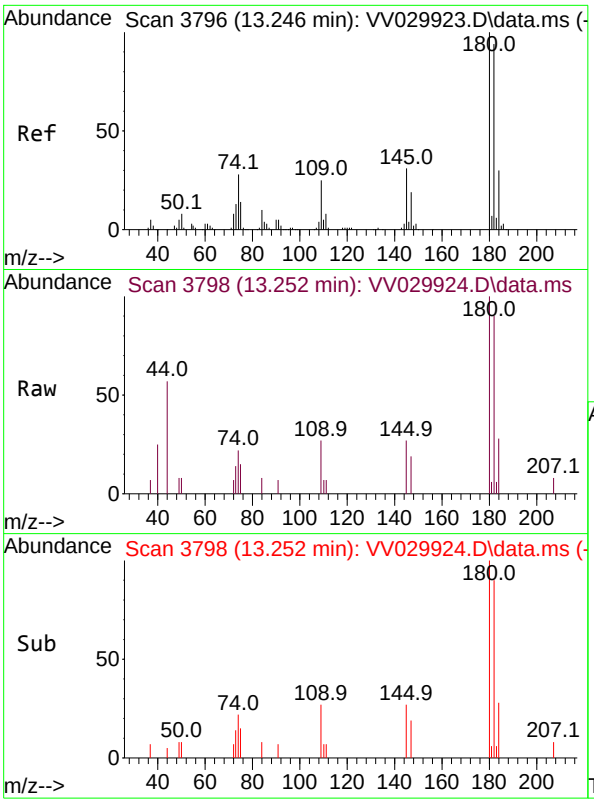


#69
1,3,5-Trichlorobenzene
Concen: 0.087 ug/L
RT: 12.632 min Scan# 3605
Delta R.T. 0.000 min
Lab File: VV029924.D
Acq: 24 Jan 2023 15:37

Tgt Ion:180 Resp: 1871

Ion	Ratio	Lower	Upper
180	100		
182	107.2	75.4	113.2
184	29.4	23.9	35.9
145	24.9	23.6	35.4



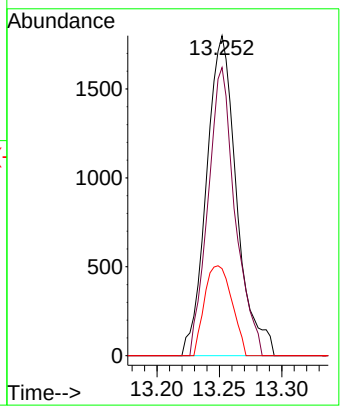


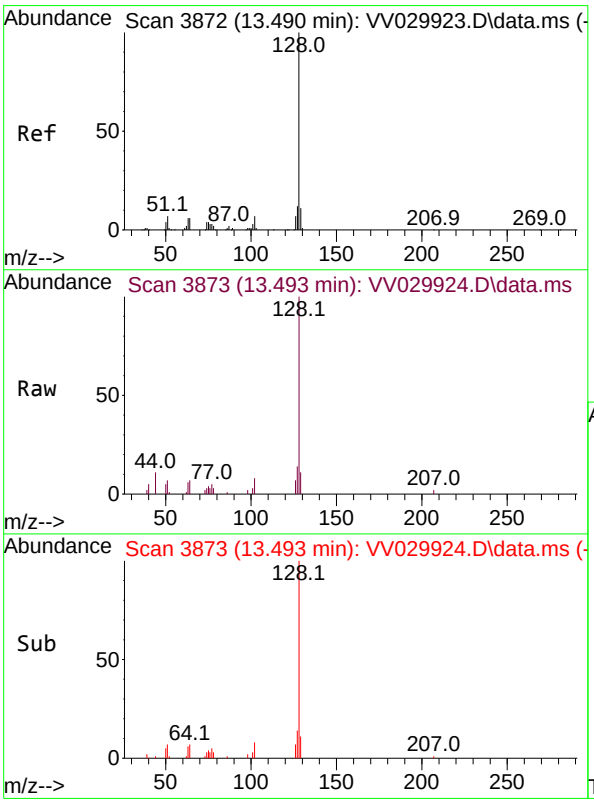
#70
1,2,4-trichlorobenzene
Concen: 0.180 ug/L
RT: 13.252 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV029924.D
Acq: 24 Jan 2023 15:37

Instrument :
MSVOA_V
ClientSampleId :
VBLK295

Tgt Ion:180 Resp: 3029

Ion	Ratio	Lower	Upper
180	100		
182	80.9	75.8	113.8
145	25.5	23.7	35.5

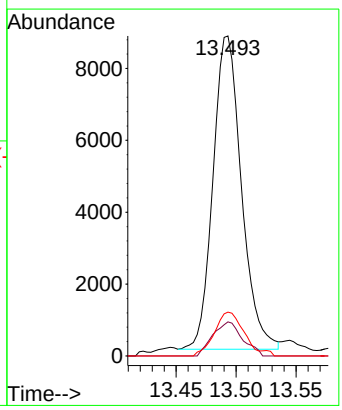


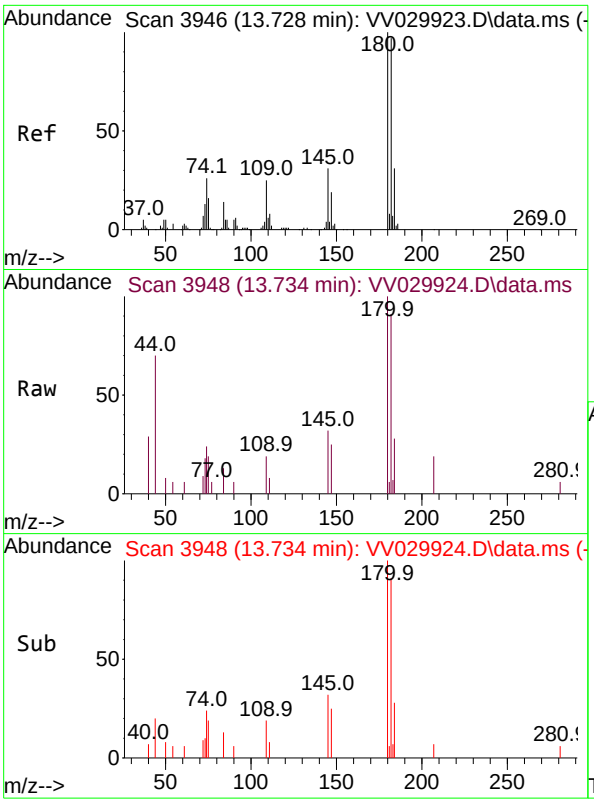


#71
Naphthalene
Concen: 0.659 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV029924.D
Acq: 24 Jan 2023 15:37

Tgt Ion:128 Resp: 14370

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	14.7	10.0	15.0





#72
1,2,3-Trichlorobenzene
Concen: 0.195 ug/L
RT: 13.734 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV029924.D
Acq: 24 Jan 2023 15:37

Instrument :
MSVOA_V
ClientSampleId :
VBLK295

Tgt Ion:180 Resp: 2729

Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.5	113.3
145	31.7	25.0	37.6