Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029485.D
Acq On : 08 Dec 2022 20:09
Operator : SY/MD
Sample : VV1208WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK301

Quant Time: Dec 10 04:44:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 10 00:41:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	206503	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	194036	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	100335	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	47875	37.860	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.720%			
7) Chloroethane-d5	1.561	69	46780	48.515	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.020%			
11) 1,1-Dichloroethene-d2	2.105	63	58887	29.856	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.720%#			
21) 2-Butanone-d5	3.870	46	114403	148.305	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 148.310%#			
24) Chloroform-d	4.339	84	126750	53.265	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.520%			
26) 1,2-Dichloroethane-d4	5.024	65	87311	64.243	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 128.480%#			
32) Benzene-d6	5.043	84	249384	48.640	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.280%			
36) 1,2-Dichloropropane-d6	6.063	67	85718	54.734	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.460%			
41) Toluene-d8	7.310	98	211959	43.876	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.760%			
43) trans-1,3-Dichloroprop...	7.616	79	41675	52.699	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.400%			
47) 2-Hexanone-d5	8.082	63	91949	137.493	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 137.490%#			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	142715	63.771	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 127.540%#			
66) 1,2-Dichlorobenzene-d4	11.612	152	95487	49.993	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.980%			
Target Compounds						Qvalue
13) Acetone	2.156	43	2170	4.318	ug/L	98
14) Carbon disulfide	2.291	76	3485	0.949	ug/L #	95
16) Methylene chloride	2.503	84	7938	5.784	ug/L	94
65) 1,4-Dichlorobenzene	11.265	146	3581	1.223	ug/L	97
67) 1,2-Dichlorobenzene	11.631	146	3418	1.160	ug/L	97
69) 1,3,5-Trichlorobenzene	12.638	180	3302	1.441	ug/L	97
70) 1,2,4-trichlorobenzene	13.249	180	5753	2.822	ug/L	99
71) Naphthalene	13.493	128	69953	15.130	ug/L	97

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

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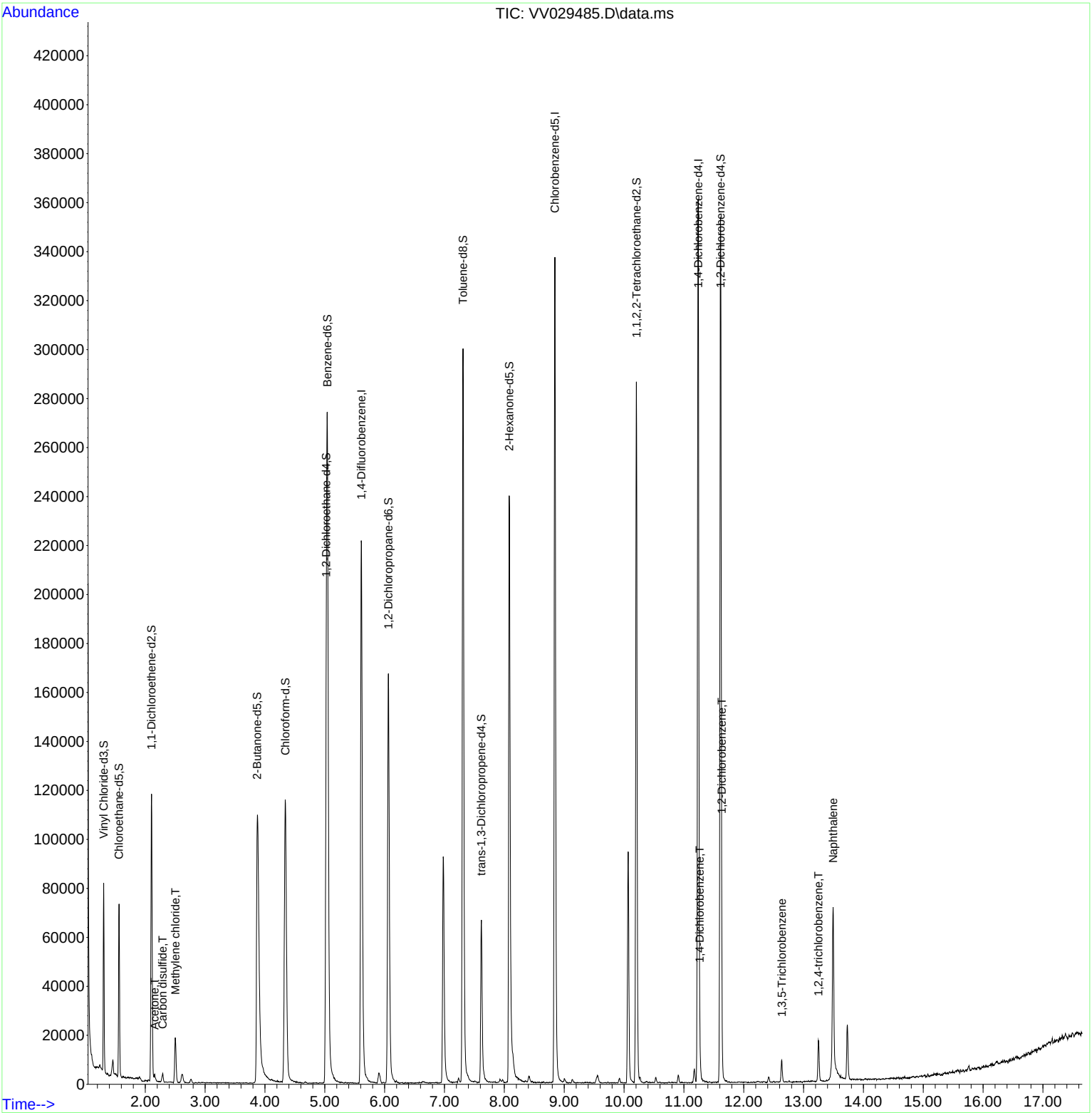
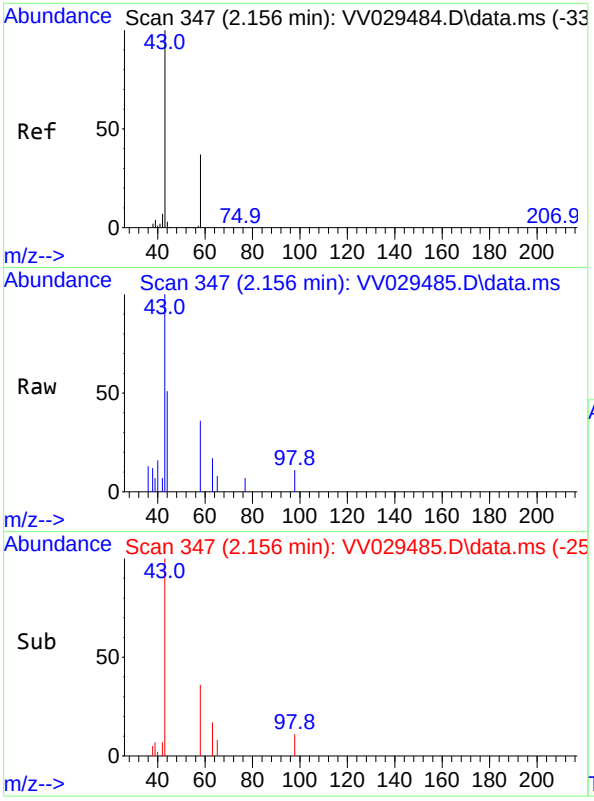


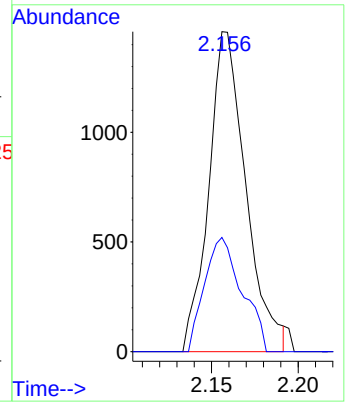


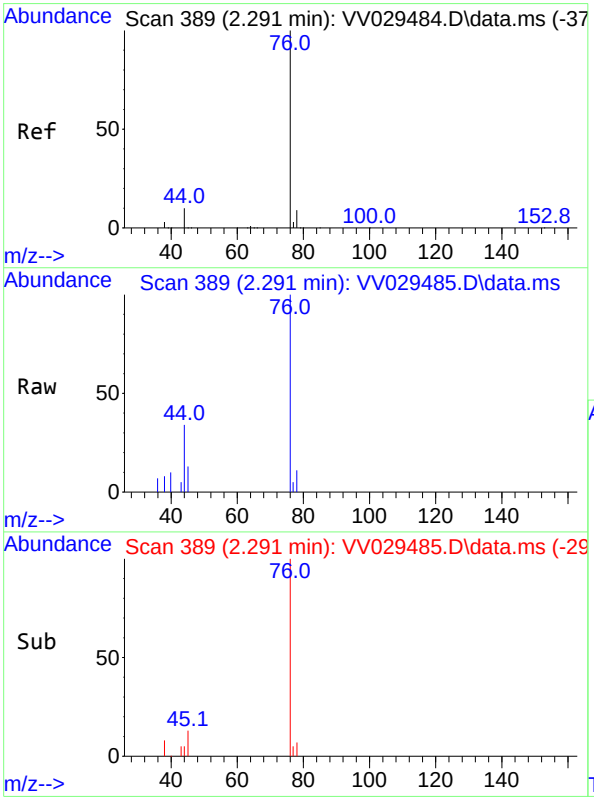
#13
Acetone
Concen: 4.318 ug/L
RT: 2.156 min Scan# 34
Delta R.T. 0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 20:09

Instrument :
MSVOA_V
ClientSampleId :
VBLK301

Tgt Ion: 43 Resp: 2170

Ion	Ratio	Lower	Upper
43	100		
58	36.1	0.0	74.8

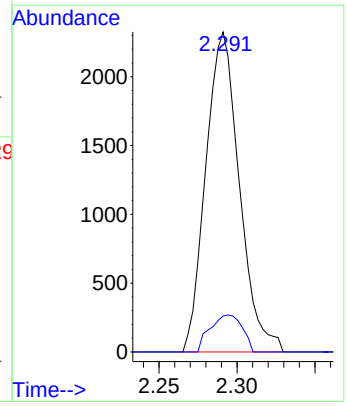


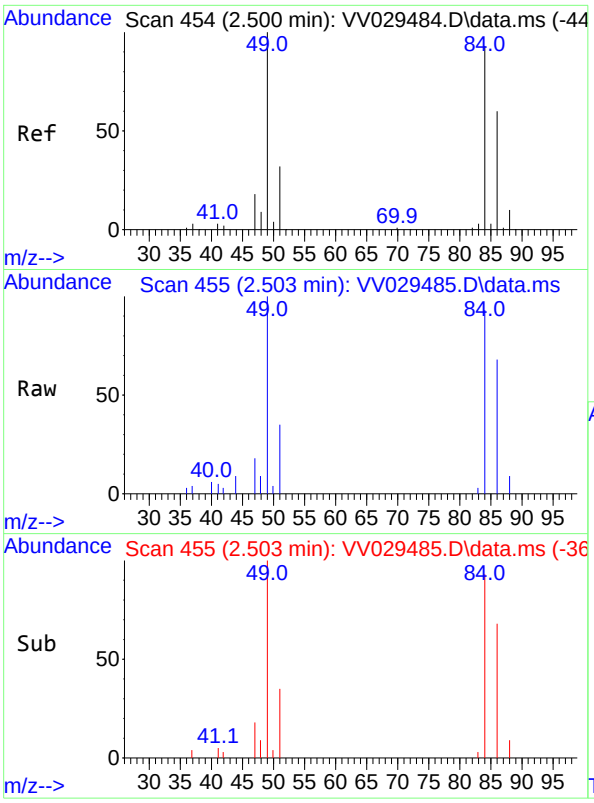


#14
Carbon disulfide
Concen: 0.949 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 20:09

Tgt Ion: 76 Resp: 3485

Ion	Ratio	Lower	Upper
76	100		
78	11.3	7.4	11.2#



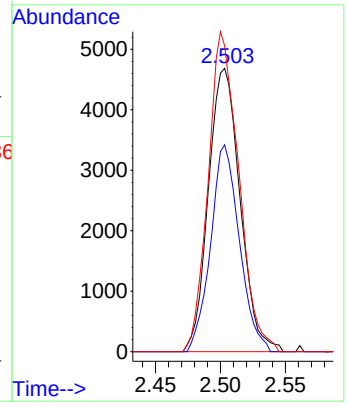


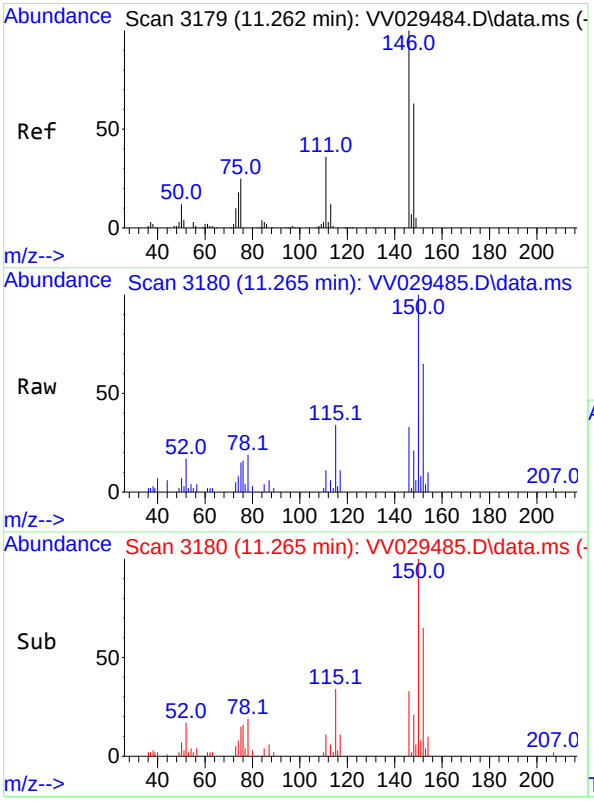
#16
Methylene chloride
Concen: 5.784 ug/L
RT: 2.503 min Scan# 4
Delta R.T. 0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 20:09

Instrument :
MSVOA_V
ClientSampleId :
VBLK301

Tgt Ion: 84 Resp: 7938

Ion	Ratio	Lower	Upper
84	100		
86	73.0	46.0	85.4
49	107.9	72.2	134.0

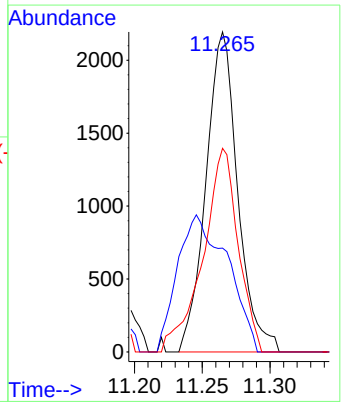


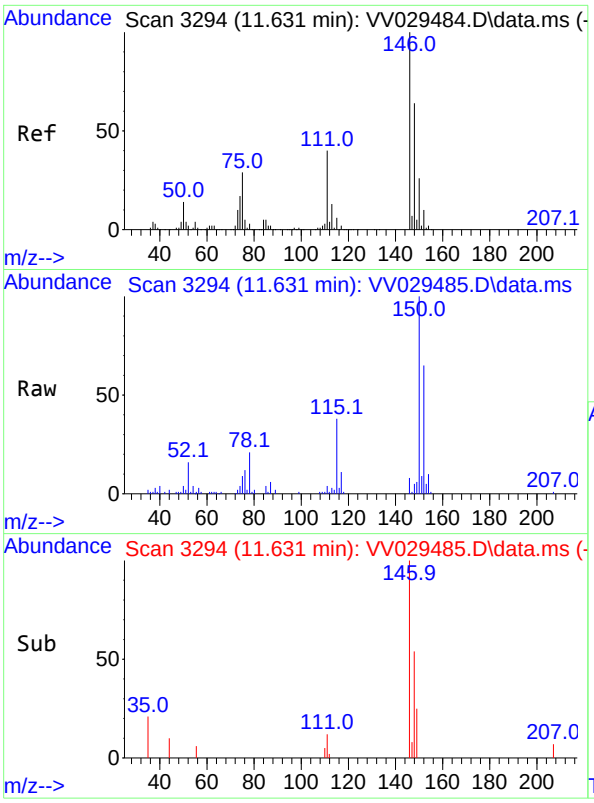


#65
1,4-Dichlorobenzene
Concen: 1.223 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VV029485.D
Acq: 08 Dec 2022 20:09

Tgt Ion:146 Resp: 3581

Ion	Ratio	Lower	Upper
146	100		
111	32.5	26.2	48.8
148	63.6	44.7	83.1



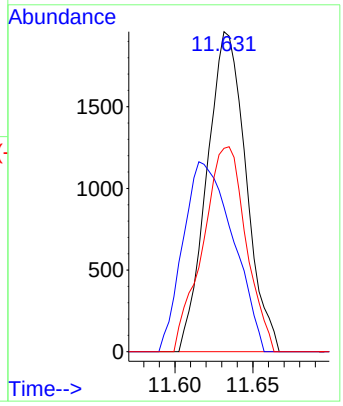


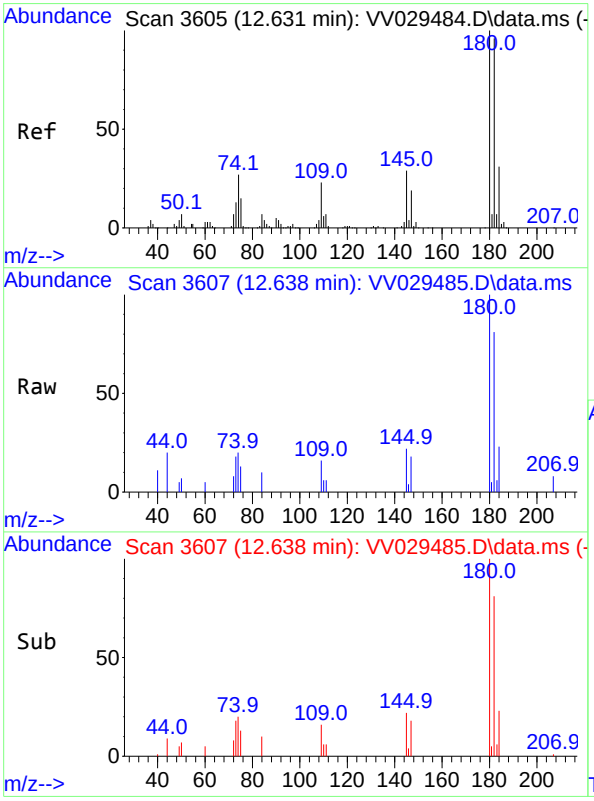
#67
1,2-Dichlorobenzene
Concen: 1.160 ug/L
RT: 11.631 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 20:09

Instrument :
MSVOA_V
ClientSampleId :
VBLK301

Tgt Ion:146 Resp: 3418

Ion	Ratio	Lower	Upper
146	100		
111	45.2	32.0	48.0
148	63.6	50.6	76.0

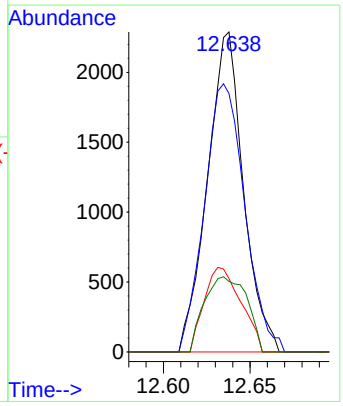


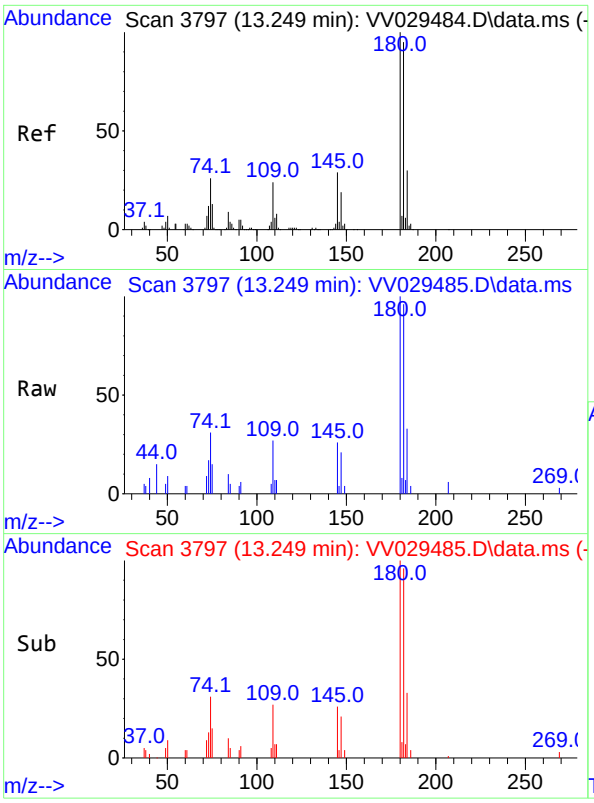


#69
1,3,5-Trichlorobenzene
Concen: 1.441 ug/L
RT: 12.638 min Scan# 3607
Delta R.T. 0.006 min
Lab File: VV029485.D
Acq: 08 Dec 2022 20:09

Tgt Ion:180 Resp: 3302

Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.5	114.7
184	27.0	24.6	36.8
145	27.8	23.0	34.6



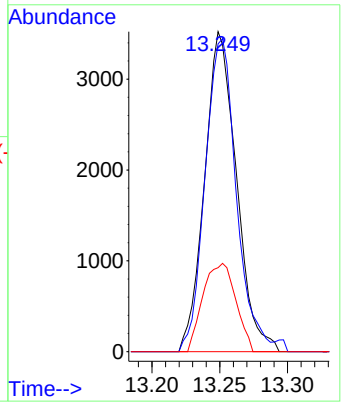


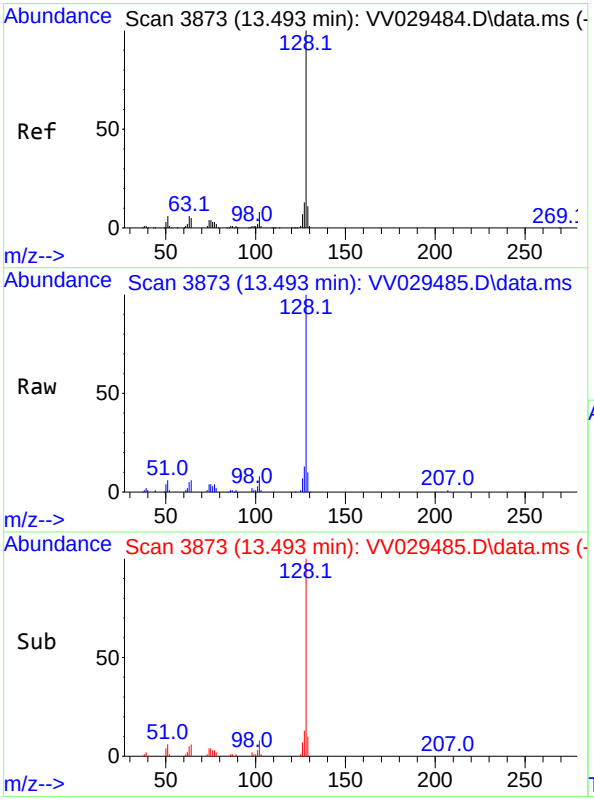
#70
1,2,4-trichlorobenzene
Concen: 2.822 ug/L
RT: 13.249 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 20:09

Instrument :
MSVOA_V
ClientSampleId :
VBLK301

Tgt Ion:180 Resp: 5753

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.3	114.5
145	28.4	23.7	35.5





#71
Naphthalene
Concen: 15.130 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV029485.D
Acq: 08 Dec 2022 20:09

Tgt Ion:128 Resp: 69953

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	9.0	8.5	12.7