Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
Data File : VU049899.D
Acq On : 26 Jul 2022 05:07
Operator : SY/MD
Sample : N3870-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBJ15

Quant Time: Jul 26 06:51:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 26 06:46:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	84812	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	82327	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	34056	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	29100	4.238	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.800%			
7) Chloroethane-d5	1.913	69	28233	4.913	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.200%			
11) 1,1-Dichloroethene-d2	2.565	65	13078	4.267	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.400%			
20) 2-Butanone-d5	4.636	46	132290	53.547	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.100%			
24) Chloroform-d	5.064	84	72959	4.771	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.400%			
26) 1,2-Dichloroethane-d4	5.703	65	42628	4.754	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.000%			
32) Benzene-d6	5.726	84	131801	4.698	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.000%			
36) 1,2-Dichloropropane-d6	6.691	67	49090	5.065	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.200%			
41) Toluene-d8	7.896	98	105127	4.287	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.800%			
43) trans-1,3-Dichloroprop...	8.179	79	13416	3.813	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.200%			
46) 2-Hexanone-d5	8.636	63	66760	47.880	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.760%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	40848	5.019	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.400%			
66) 1,2-Dichlorobenzene-d4	12.192	152	37052	5.271	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	3040	0.340	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	21249	3.837	ug/L	97
12) 1,1-Dichloroethene	2.581	96	6085	1.086	ug/L #	41
18) trans-1,2-Dichloroethene	3.356	96	1068	0.165	ug/L #	76
19) 1,1-Dichloroethane	3.874	63	9521	0.680	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	209158	27.877	ug/L	97
34) Trichloroethene	6.543	95	336359	46.438	ug/L	98
47) Tetrachloroethene	8.552	164	116587	23.382	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	1011	0.092	ug/L #	67

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

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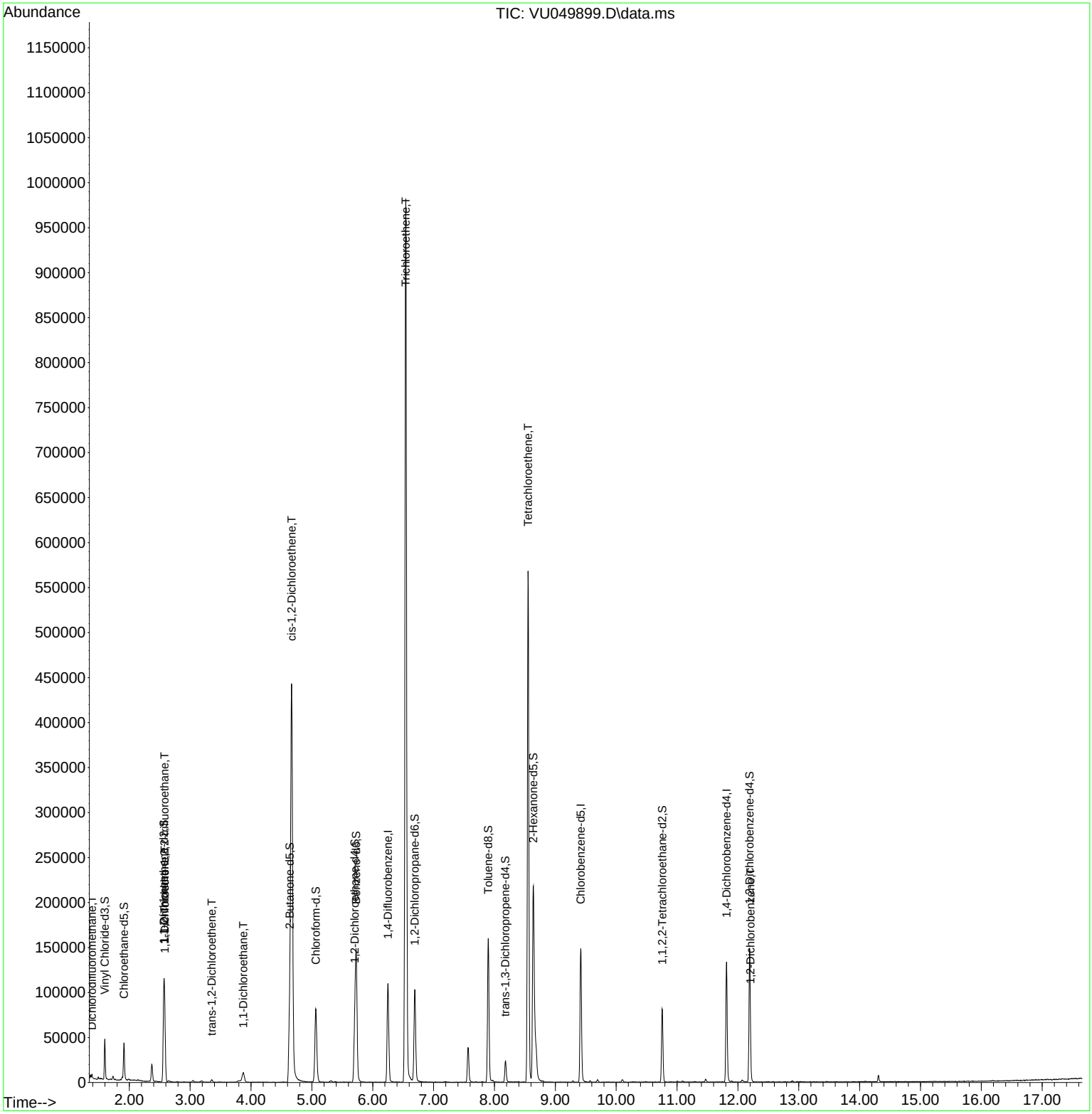
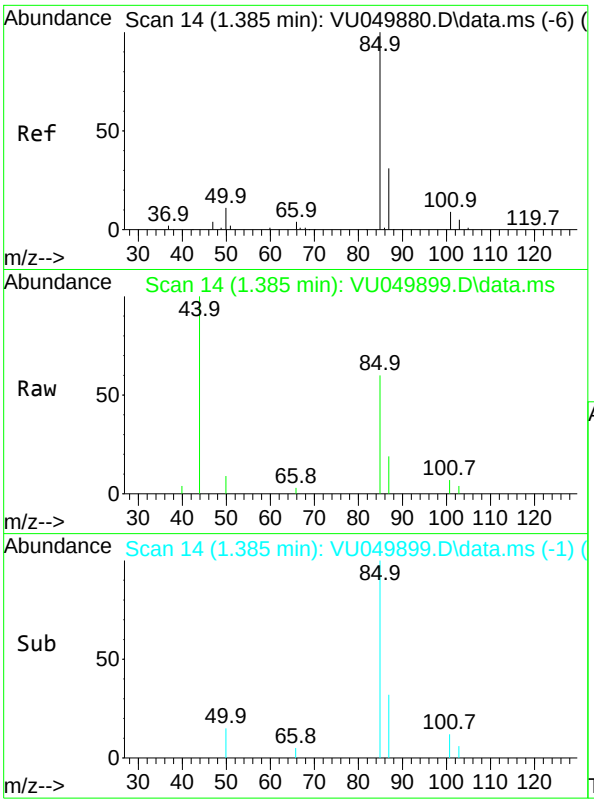


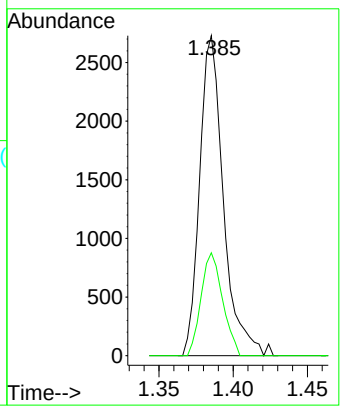


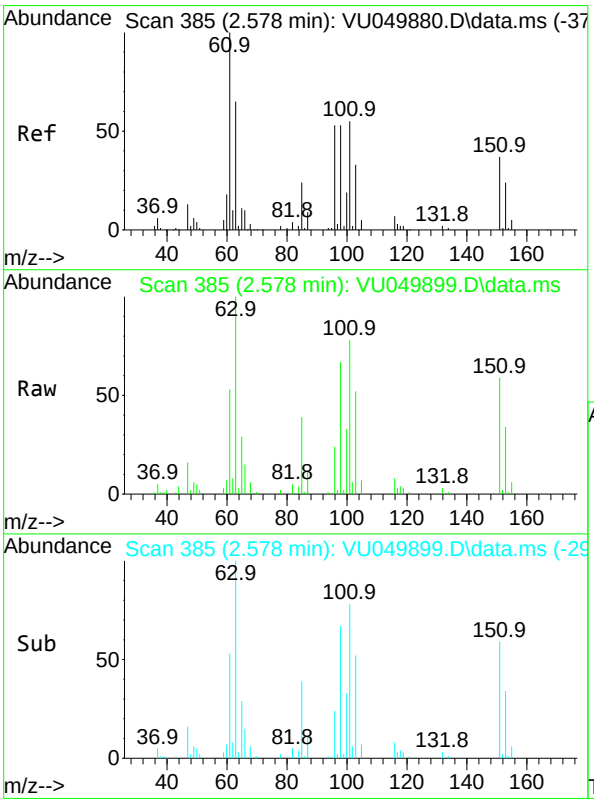
#2
Dichlorodifluoromethane
Concen: 0.340 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049899.D
Acq: 26 Jul 2022 05:07

Instrument :
MSVOA_U
ClientSampleId :
GBJ15

Tgt Ion: 85 Resp: 3040

Ion	Ratio	Lower	Upper
85	100		
87	29.0	25.4	38.2

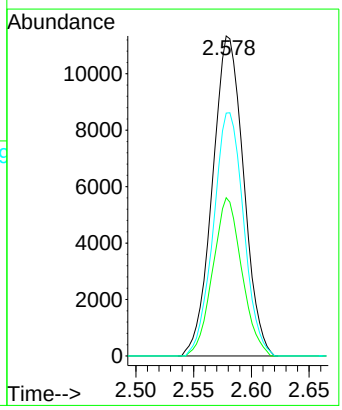


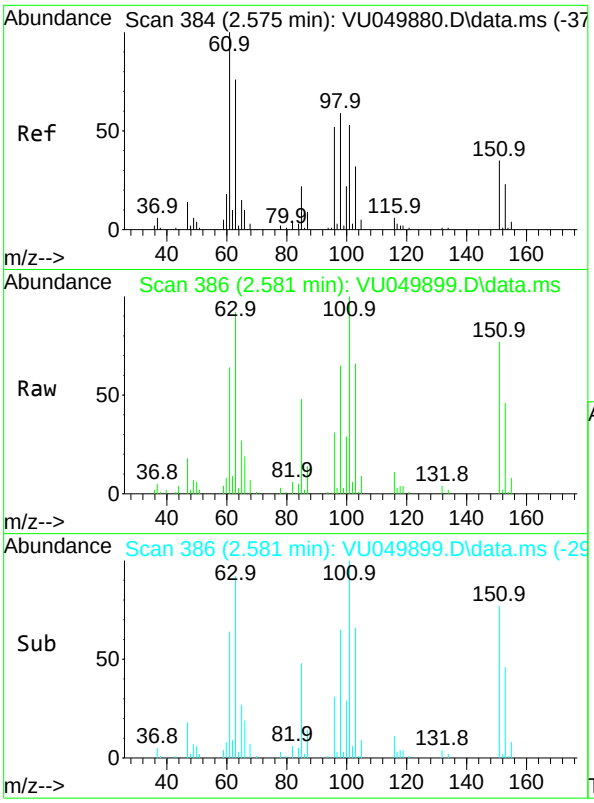


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.837 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU049899.D
Acq: 26 Jul 2022 05:07

Tgt Ion:101 Resp: 21249

Ion	Ratio	Lower	Upper
101	100		
85	46.2	37.2	55.8
151	74.0	56.0	84.0



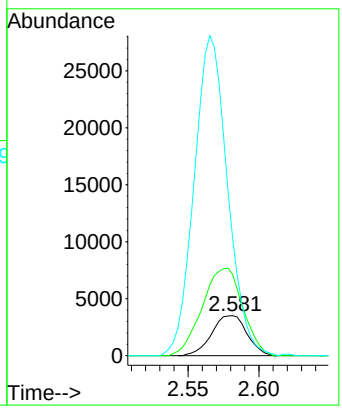


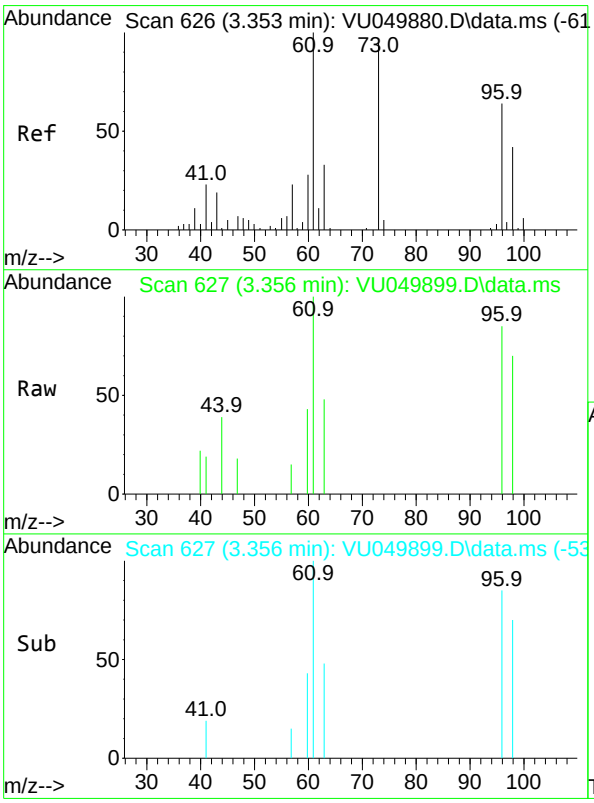
#12
1,1-Dichloroethene
Concen: 1.086 ug/L
RT: 2.581 min Scan# 3
Delta R.T. 0.007 min
Lab File: VU049899.D
Acq: 26 Jul 2022 05:07

Instrument :
MSVOA_U
ClientSampleId :
GBJ15

Tgt Ion: 96 Resp: 6085

Ion	Ratio	Lower	Upper
96	100		
61	203.7	131.6	244.4
63	294.8	100.0	185.6#

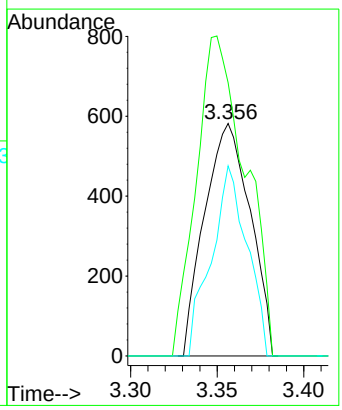


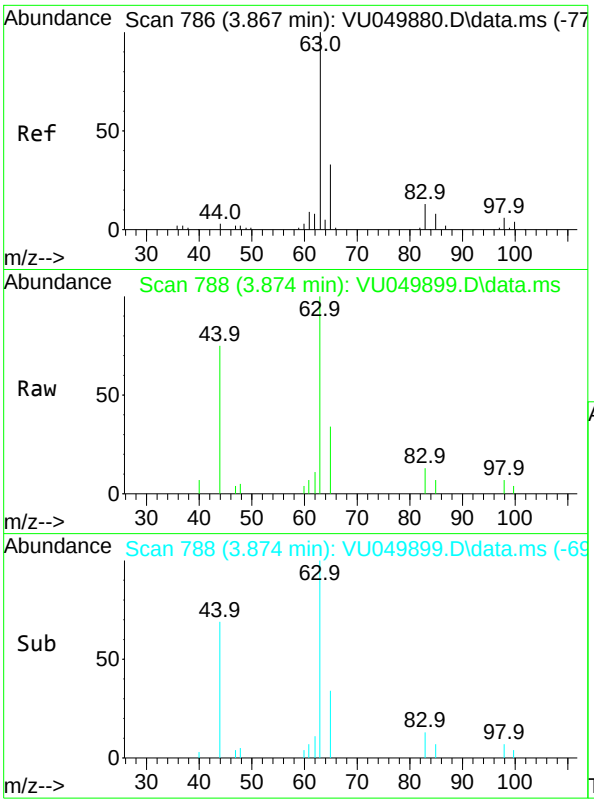


#18
trans-1,2-Dichloroethene
Concen: 0.165 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.003 min
Lab File: VU049899.D
Acq: 26 Jul 2022 05:07

Tgt Ion: 96 Resp: 1068

Ion	Ratio	Lower	Upper
96	100		
61	117.5	101.5	188.5
98	81.8	42.5	78.9#



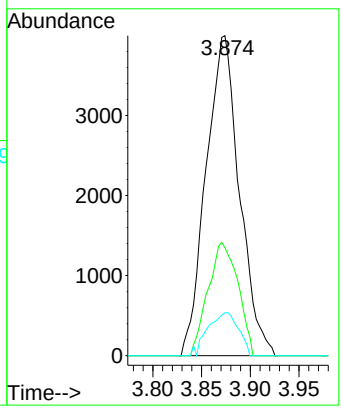


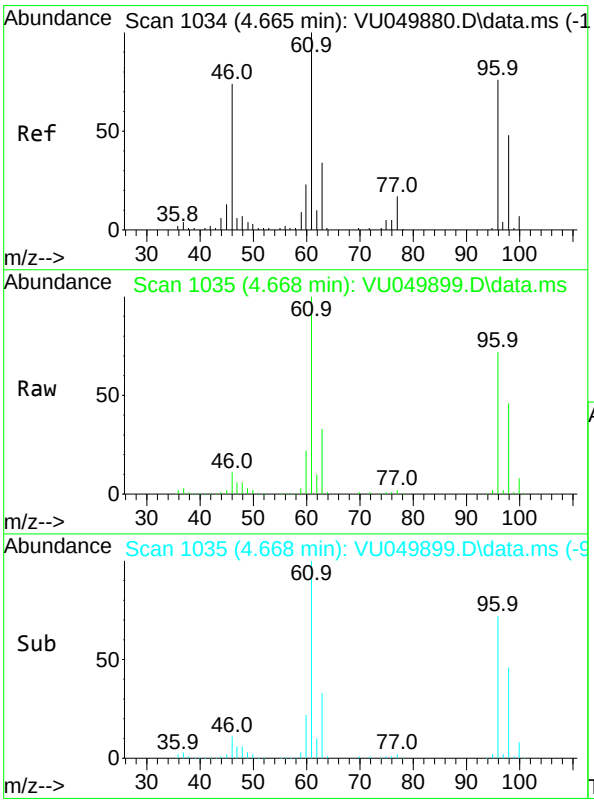
#19
1,1-Dichloroethane
Concen: 0.680 ug/L
RT: 3.874 min Scan# 7
Delta R.T. 0.007 min
Lab File: VU049899.D
Acq: 26 Jul 2022 05:07

Instrument :
MSVOA_U
ClientSampleId :
GBJ15

Tgt Ion: 63 Resp: 9521

Ion	Ratio	Lower	Upper
63	100		
65	33.8	22.5	41.9
83	13.4	8.3	15.5

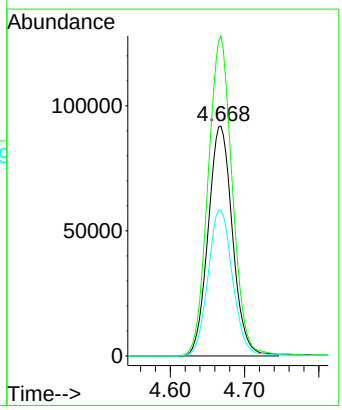


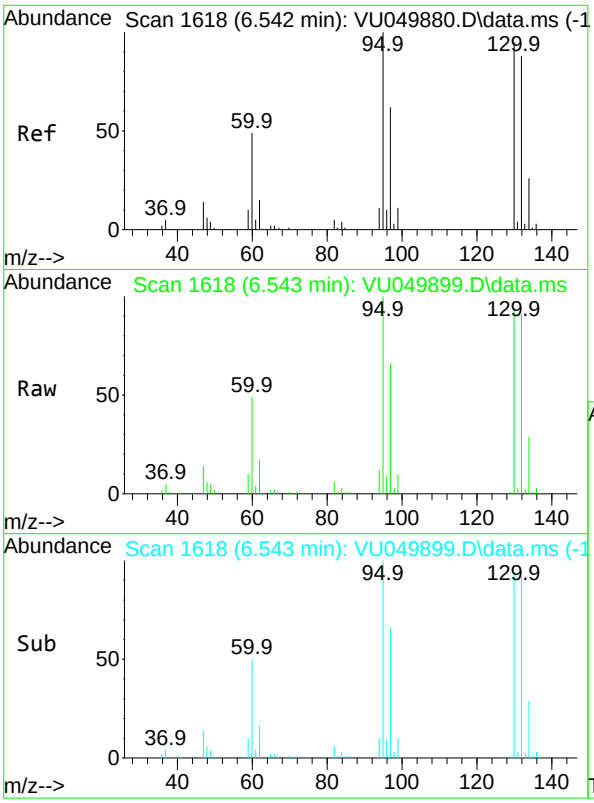


#22
cis-1,2-Dichloroethene
Concen: 27.877 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU049899.D
Acq: 26 Jul 2022 05:07

Tgt Ion: 96 Resp: 209158

Ion	Ratio	Lower	Upper
96	100		
61	139.2	93.9	174.3
98	63.4	43.9	81.5



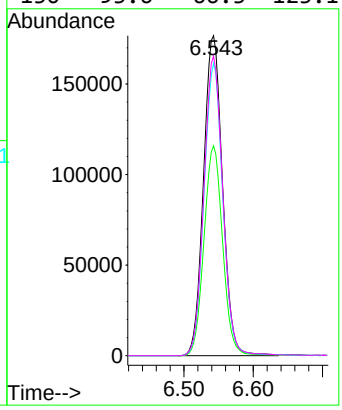


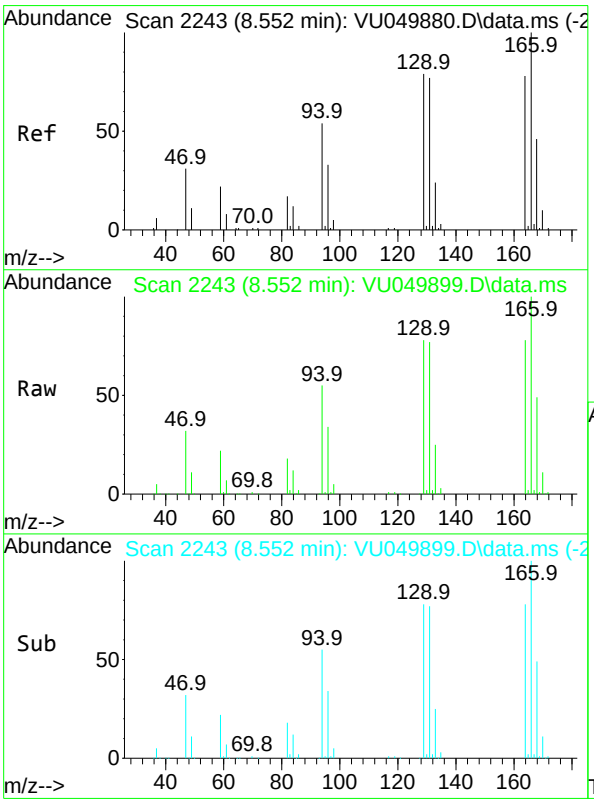
#34
Trichloroethene
Concen: 46.438 ug/L
RT: 6.543 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049899.D
Acq: 26 Jul 2022 05:07

Instrument :
MSVOA_U
ClientSampleId :
GBJ15

Tgt Ion: 95 Resp: 336359

Ion	Ratio	Lower	Upper
95	100		
97	65.6	46.8	86.8
132	91.4	61.8	114.8
130	93.6	66.3	123.1

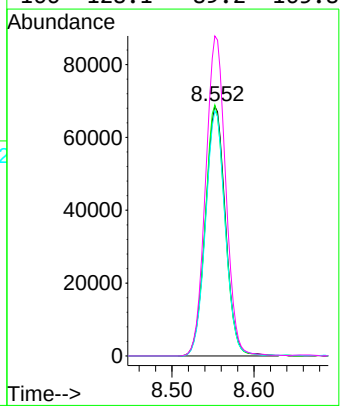


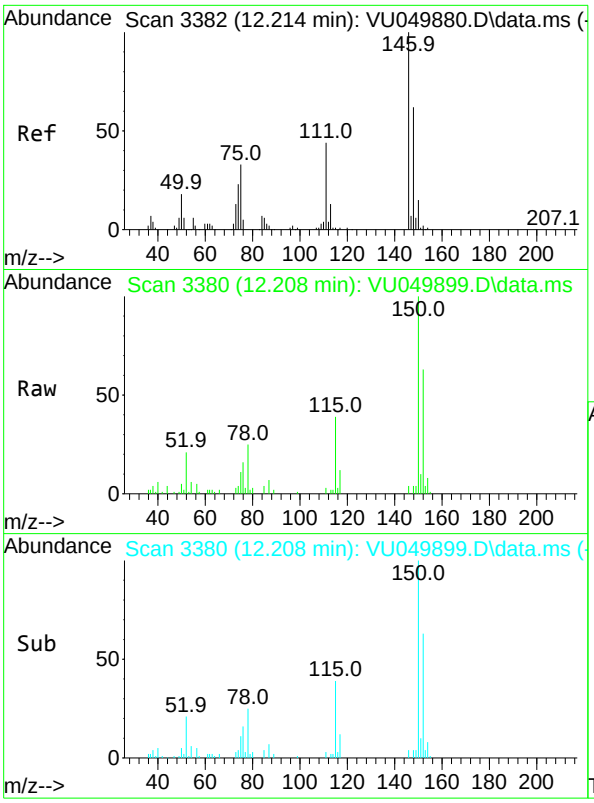


#47
Tetrachloroethene
Concen: 23.382 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049899.D
Acq: 26 Jul 2022 05:07

Tgt Ion:164 Resp: 116587

Ion	Ratio	Lower	Upper
164	100		
129	100.5	68.9	127.9
131	98.1	67.5	125.4
166	128.1	89.2	165.8





#67
1,2-Dichlorobenzene
Concen: 0.092 ug/L
RT: 12.208 min Scan# 3
Delta R.T. -0.006 min
Lab File: VU049899.D
Acq: 26 Jul 2022 05:07

Instrument :
MSVOA_U
ClientSampleId :
GBJ15

Tgt Ion:146 Resp: 1011

Ion	Ratio	Lower	Upper
146	100		
111	69.5	35.8	53.8#
148	85.6	50.3	75.5#