Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051205.D
Acq On : 07 Oct 2022 04:47
Operator : JC/MD
Sample : N4853-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW828

Quant Time: Oct 07 06:32:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 07 02:51:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	372262	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	384673	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	122470	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	156098	41.376	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.760%			
7) Chloroethane-d5	1.900	69	139377	39.771	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.540%			
11) 1,1-Dichloroethene-d2	2.562	63	179842	32.271	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.540%			
21) 2-Butanone-d5	4.620	46	193676	79.151	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 79.150%			
24) Chloroform-d	5.060	84	276450	45.482	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.960%			
26) 1,2-Dichloroethane-d4	5.700	65	177635	47.215	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.440%			
32) Benzene-d6	5.726	84	537698	47.733	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.460%			
36) 1,2-Dichloropropane-d6	6.691	67	186502	51.022	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.040%			
41) Toluene-d8	7.896	98	417285	40.094	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.180%			
43) trans-1,3-Dichloroprop...	8.176	79	65201	37.397	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.800%			
47) 2-Hexanone-d5	8.633	63	81206	55.020	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 55.020%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	275569	43.136	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.280%			
66) 1,2-Dichlorobenzene-d4	12.192	152	124297	47.509	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.020%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1505	0.530	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1289	0.486	ug/L #	1
39) cis-1,3-Dichloropropene	7.562	75	3773	0.844	ug/L #	70
46) Tetrachloroethene	8.552	164	4340	1.885	ug/L	94
48) 2-Hexanone	8.681	43	24898	5.994	ug/L #	76
49) Dibromochloromethane	8.552	129	4560	1.268	ug/L #	12
60) 1,2,3-Trichloropropane	11.809	75	15049	4.669	ug/L #	65

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

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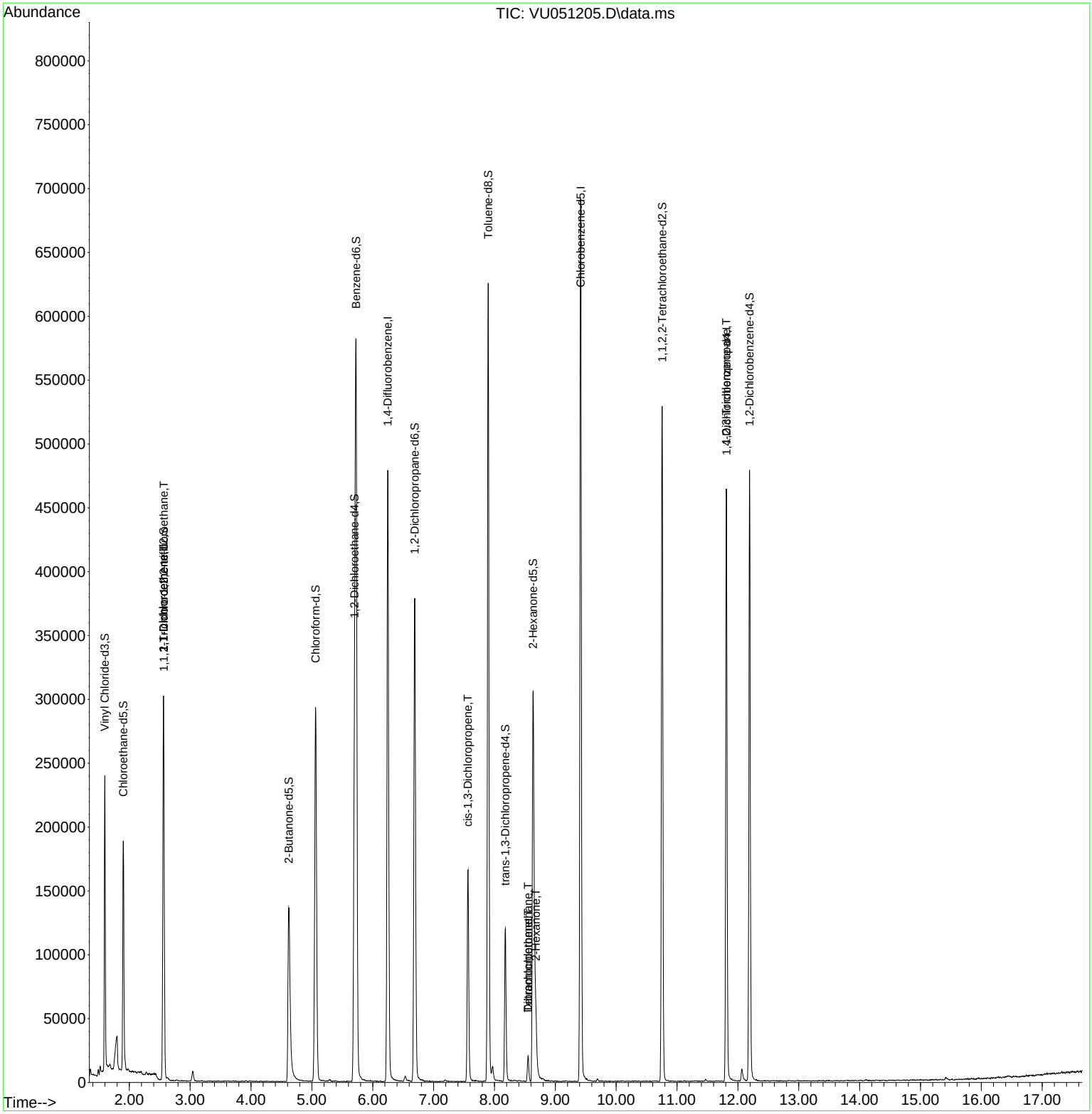
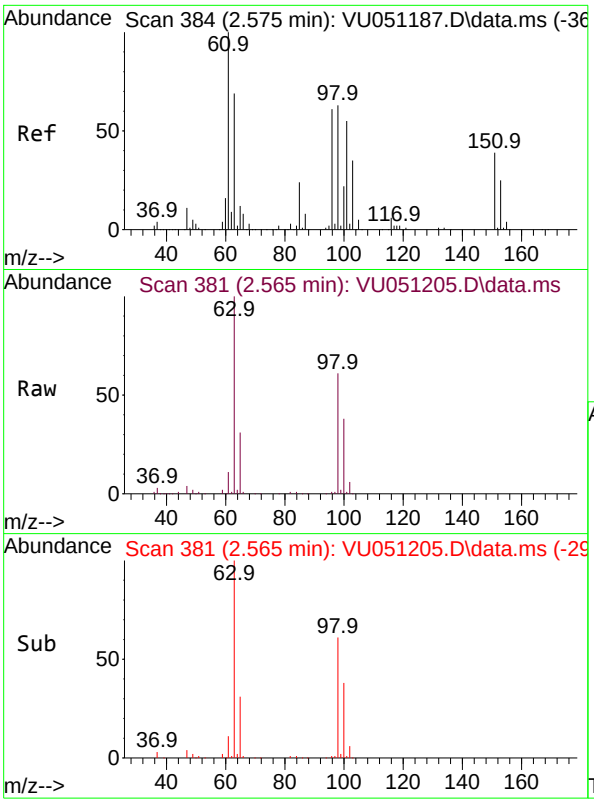


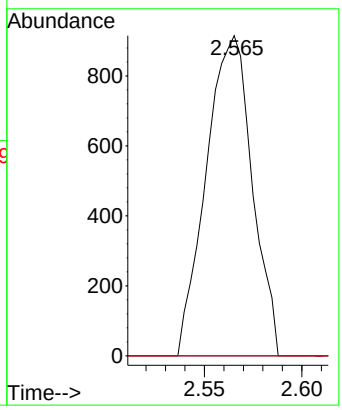


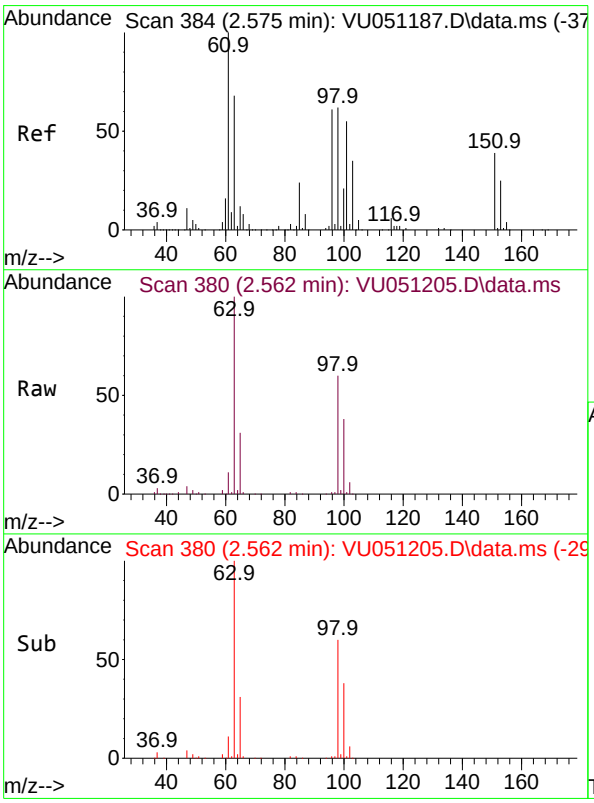
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.530 ug/L
RT: 2.565 min Scan# 3
Delta R.T. -0.010 min
Lab File: VU051205.D
Acq: 07 Oct 2022 04:47

Instrument :
MSVOA_U
ClientSampleId :
EW828

Tgt Ion:101 Resp: 1505

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	52.0#
151	0.0	58.6	87.8#

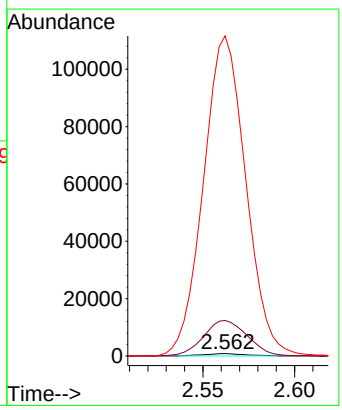


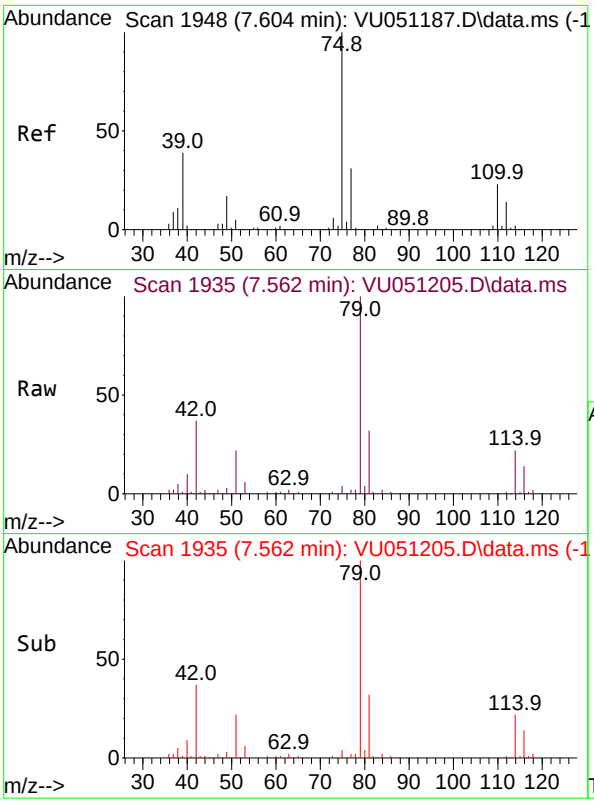


#12
1,1-Dichloroethene
Concen: 0.486 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU051205.D
Acq: 07 Oct 2022 04:47

Tgt Ion: 96 Resp: 1289

Ion	Ratio	Lower	Upper
96	100		
61	1478.6	113.0	209.9#
63	13335.2	91.7	170.3#



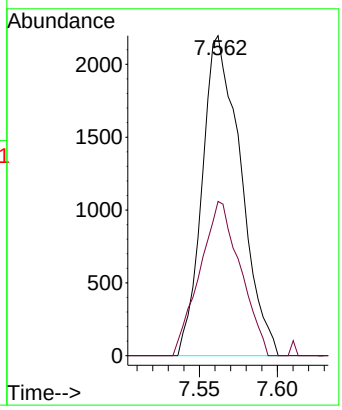


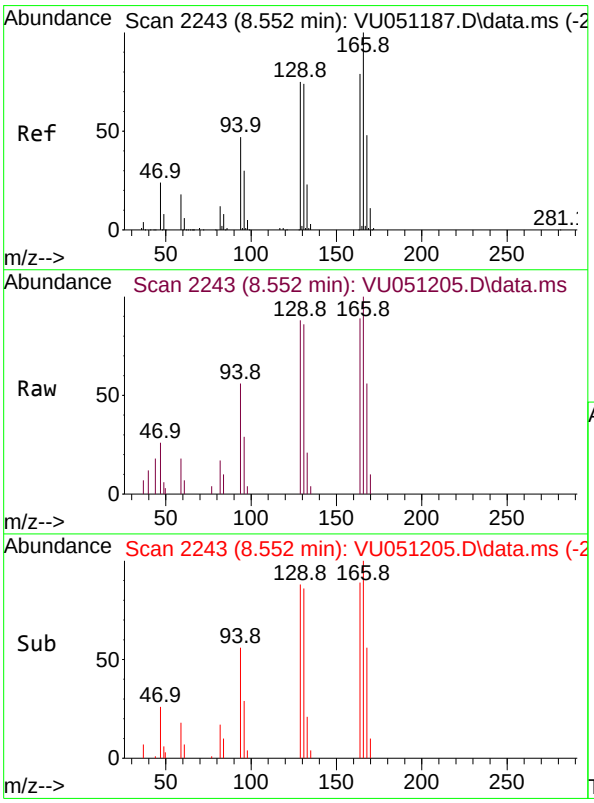
#39
cis-1,3-Dichloropropene
Concen: 0.844 ug/L
RT: 7.562 min Scan# 1
Delta R.T. -0.042 min
Lab File: VU051205.D
Acq: 07 Oct 2022 04:47

Instrument :
MSVOA_U
ClientSampleId :
EW828

Tgt Ion: 75 Resp: 3773

Ion	Ratio	Lower	Upper
75	100		
77	48.2	22.0	41.0#

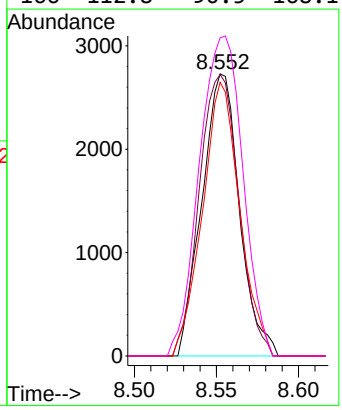


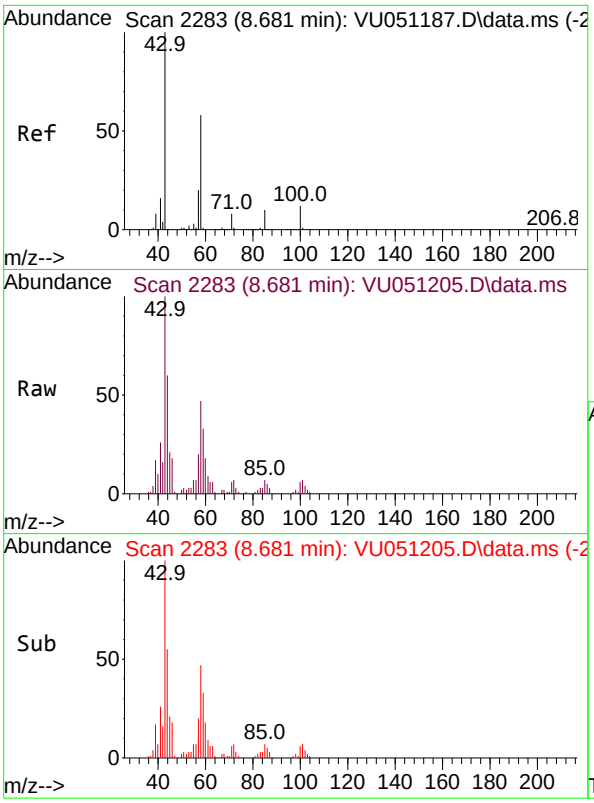


#46
Tetrachloroethene
Concen: 1.885 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051205.D
Acq: 07 Oct 2022 04:47

Tgt Ion:164 Resp: 4340

Ion	Ratio	Lower	Upper
164	100		
129	99.8	68.1	126.5
131	97.0	67.8	126.0
166	112.8	90.5	168.1



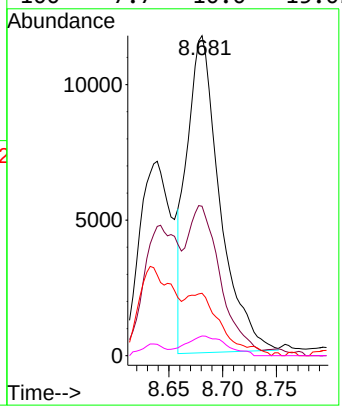


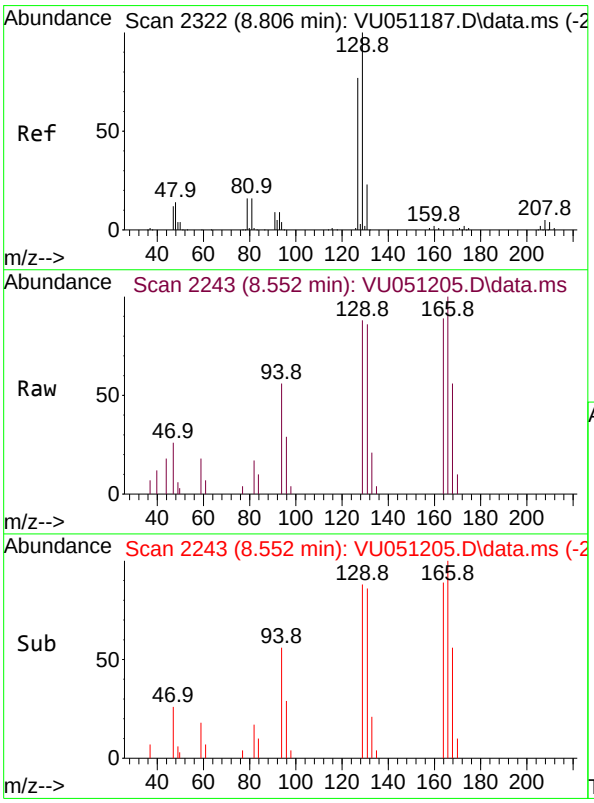
#48
2-Hexanone
Concen: 5.994 ug/L
RT: 8.681 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU051205.D
Acq: 07 Oct 2022 04:47

Instrument :
MSVOA_U
ClientSampleId :
EW828

Tgt Ion: 43 Resp: 24898

Ion	Ratio	Lower	Upper
43	100		
58	45.2	48.3	72.5#
57	0.0	15.9	23.9#
100	7.7	10.0	15.0#

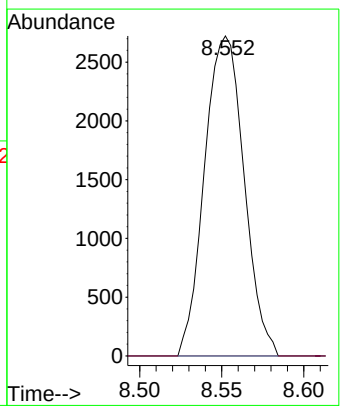


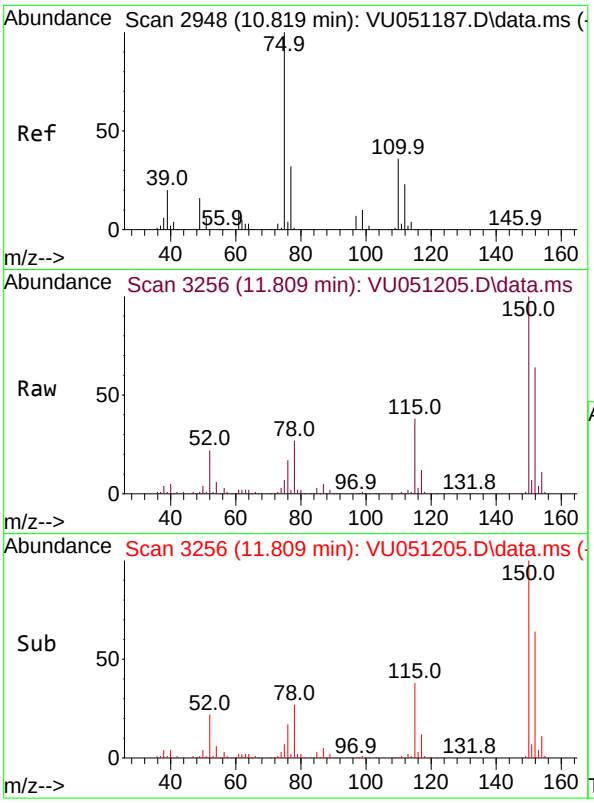


#49
Dibromochloromethane
Concen: 1.268 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU051205.D
Acq: 07 Oct 2022 04:47

Tgt Ion:129 Resp: 4560

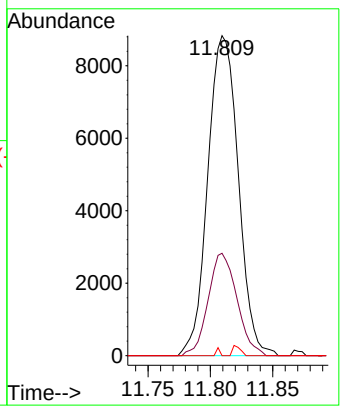
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.8	98.0#





#60
1,2,3-Trichloropropane
Concen: 4.669 ug/L
RT: 11.809 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU051205.D
Acq: 07 Oct 2022 04:47

Instrument :
MSVOA_U
ClientSampleId :
EW828

Tgt Ion: 75 Resp: 15049

Ion	Ratio	Lower	Upper
75	100		
77	30.2	26.1	39.1
110	0.8	30.0	45.0#