Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051927.D
Acq On : 19 Nov 2022 02:12
Operator : JC/MD
Sample : N5684-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH1J6

Quant Time: Nov 19 03:09:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 22:29:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	232027	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	240900	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	93093	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	112504	4.985	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.600%			
7) Chloroethane-d5	1.913	69	89190	5.088	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.800%			
11) 1,1-Dichloroethene-d2	2.565	65	39920	4.934	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.600%			
20) 2-Butanone-d5	4.617	46	201245	49.192	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.380%			
24) Chloroform-d	5.064	84	167601	5.054	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.000%			
26) 1,2-Dichloroethane-d4	5.700	65	86649	5.173	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.400%			
32) Benzene-d6	5.726	84	349805	4.891	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.800%			
36) 1,2-Dichloropropane-d6	6.687	67	117025	5.287	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.800%			
41) Toluene-d8	7.896	98	292316	4.517	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.400%			
43) trans-1,3-Dichloroprop...	8.179	79	37450	4.643	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.800%			
46) 2-Hexanone-d5	8.629	63	165229	48.339	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.680%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	93899	4.893	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	98893	5.549	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	9143	0.454	ug/L	95
3) Chloromethane	1.527	50	12438	0.474	ug/L	93
9) Trichlorofluoromethane	2.138	101	1486	0.054	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	3599	0.212	ug/L #	73
12) 1,1-Dichloroethene	2.581	96	18207	1.082	ug/L #	23
15) Methyl Acetate	3.183	43	5880	0.816	ug/L #	57
17) Methyl tert-butyl Ether	3.359	73	11828	0.314	ug/L	99
19) 1,1-Dichloroethane	3.867	63	42903	1.319	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	45002	2.377	ug/L	94
25) Chloroform	5.089	83	18526	0.562	ug/L	95
29) 1,1,1-Trichloroethane	5.314	97	2442	0.091	ug/L	92
31) Carbon tetrachloride	5.520	117	3121	0.137	ug/L	94
34) Trichloroethene	6.539	95	1341219	68.588	ug/L	99
35) Methylcyclohexane	6.690	83	26045	0.926	ug/L #	19
37) 1,2-Dichloropropane	6.790	63	6780	0.334	ug/L #	94
39) cis-1,3-Dichloropropene	7.568	75	2423	0.093	ug/L	88
47) Tetrachloroethene	8.552	164	285442	19.046	ug/L	99
49) Dibromochloromethane	8.552	129	273274	15.995	ug/L #	12
61) 1,2,3-Trichloropropane	11.812	75	10470	0.983	ug/L #	70

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051927.D
Acq On : 19 Nov 2022 02:12
Operator : JC/MD
Sample : N5684-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH1J6

Quant Time: Nov 19 03:09:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 22:29:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
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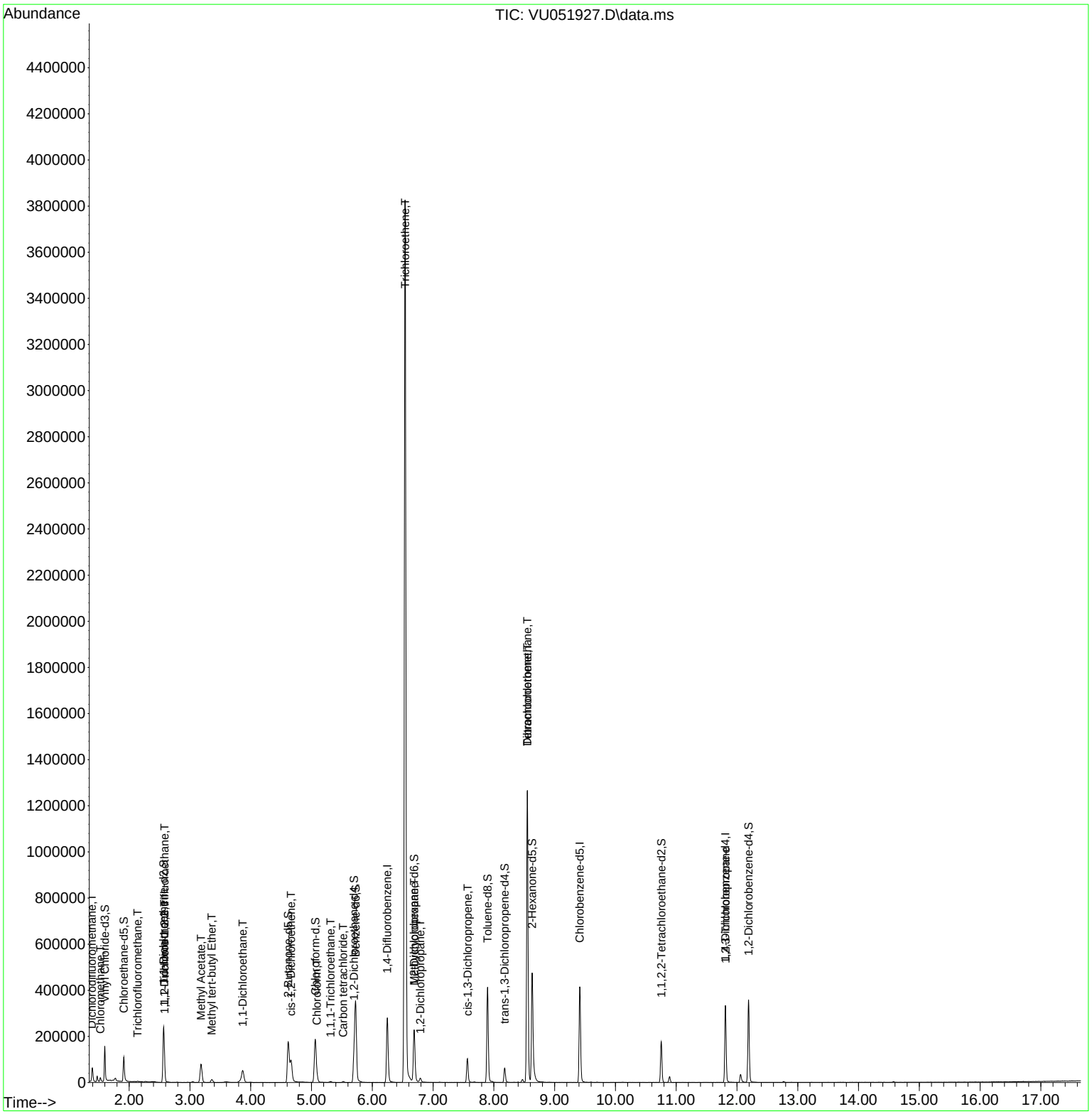
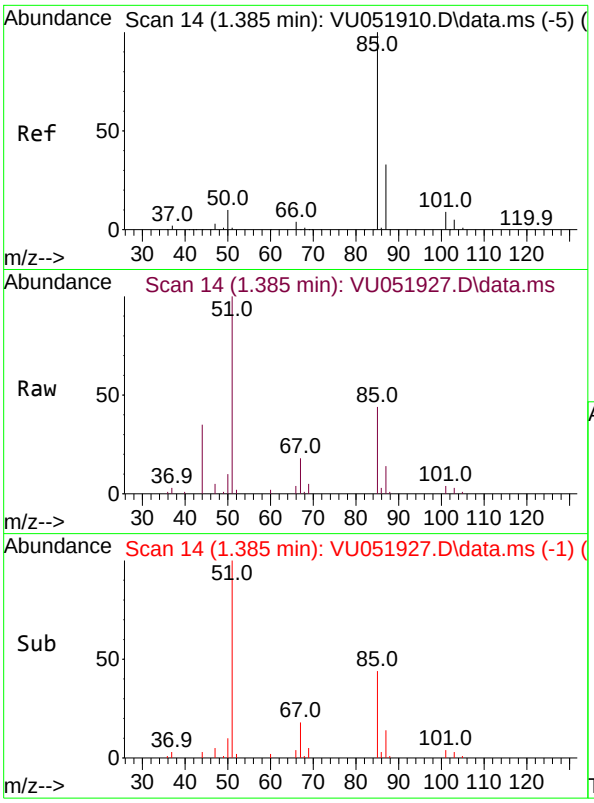
Response via : Initial Calibration



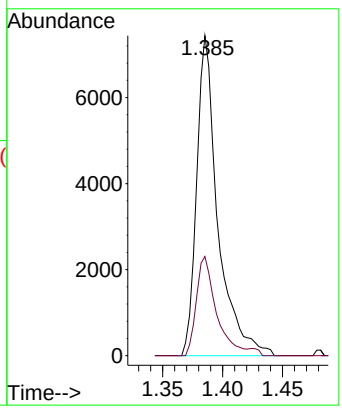


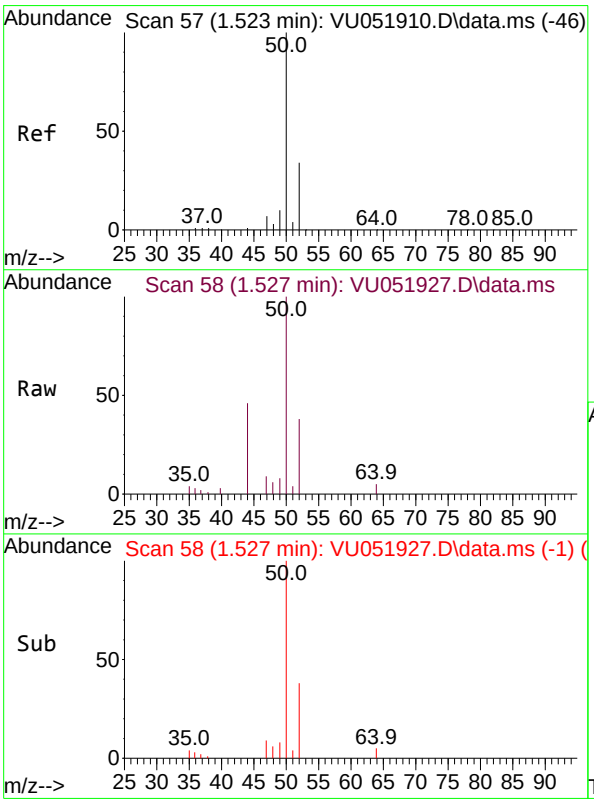
#2
Dichlorodifluoromethane
Concen: 0.454 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

Instrument :
MSVOA_U
ClientSampleId :
BH1J6

Tgt Ion: 85 Resp: 9143

Ion	Ratio	Lower	Upper
85	100		
87	29.3	25.8	38.8

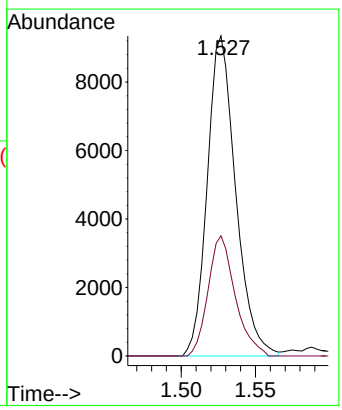


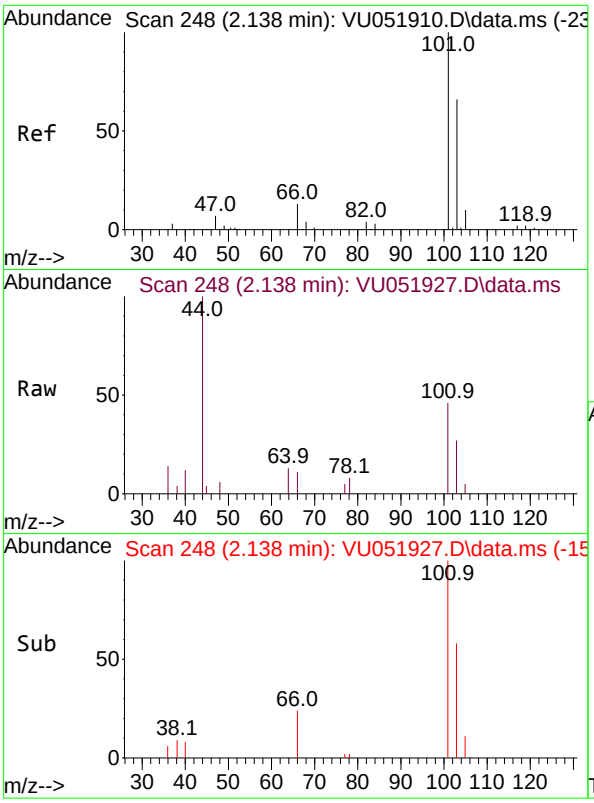


#3
Chloromethane
Concen: 0.474 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

Tgt Ion: 50 Resp: 12438

Ion	Ratio	Lower	Upper
50	100		
52	37.5	23.4	43.4



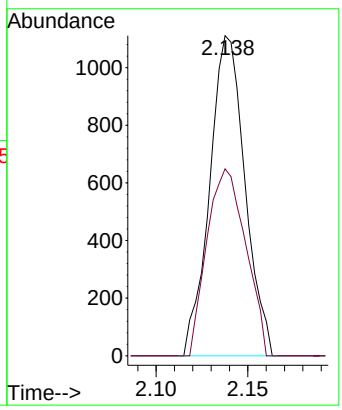


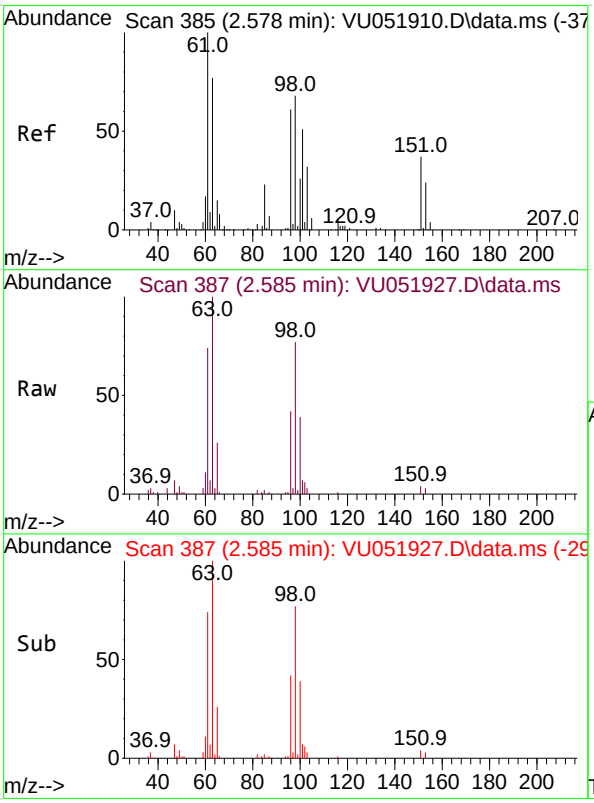
#9
Trichlorofluoromethane
Concen: 0.054 ug/L
RT: 2.138 min Scan# 24
Delta R.T. 0.000 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

Instrument :
MSVOA_U
ClientSampleId :
BH1J6

Tgt Ion:101 Resp: 1486

Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.6	77.4

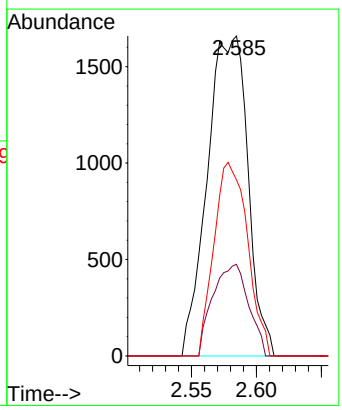


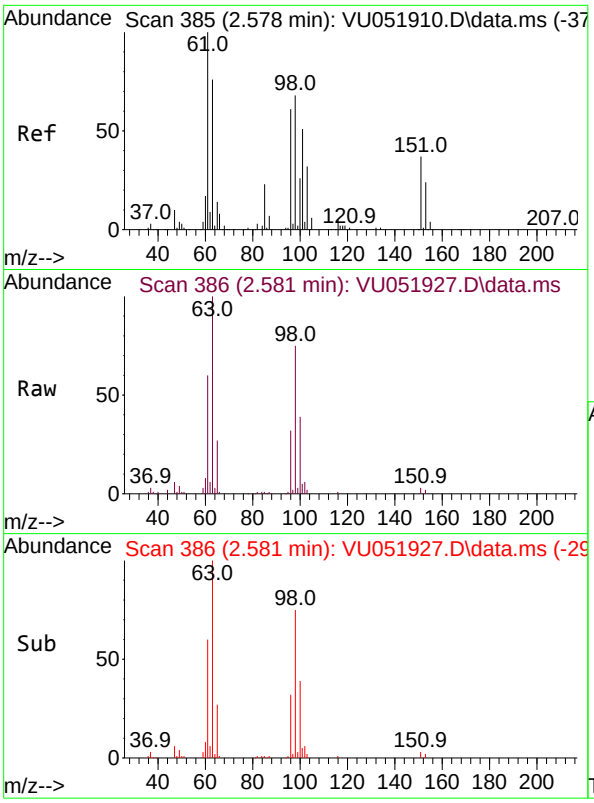


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.212 ug/L
RT: 2.585 min Scan# 387
Delta R.T. 0.007 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

Tgt Ion:101 Resp: 3599

Ion	Ratio	Lower	Upper
101	100		
85	25.2	33.8	50.6#
151	50.1	58.6	88.0#



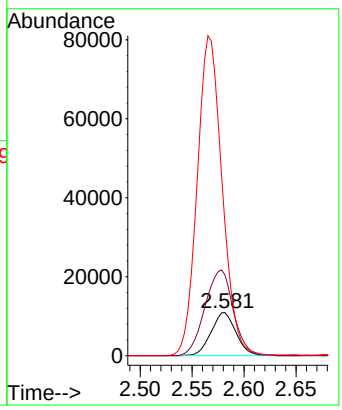


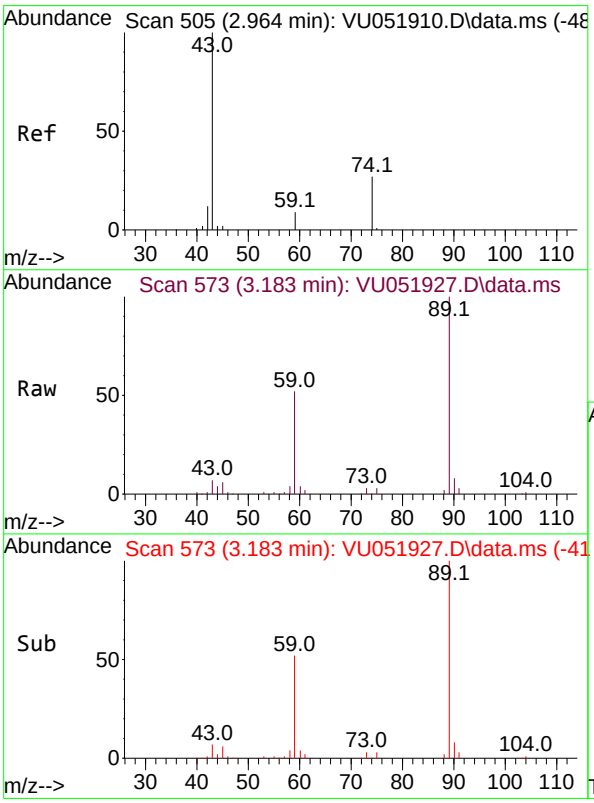
#12
1,1-Dichloroethene
Concen: 1.082 ug/L
RT: 2.581 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

Instrument :
MSVOA_U
ClientSampleId :
BH1J6

Tgt Ion: 96 Resp: 18207

Ion	Ratio	Lower	Upper
96	100		
61	187.5	114.8	213.2
63	310.5	93.7	174.1#

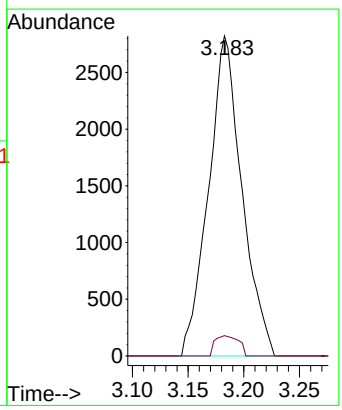


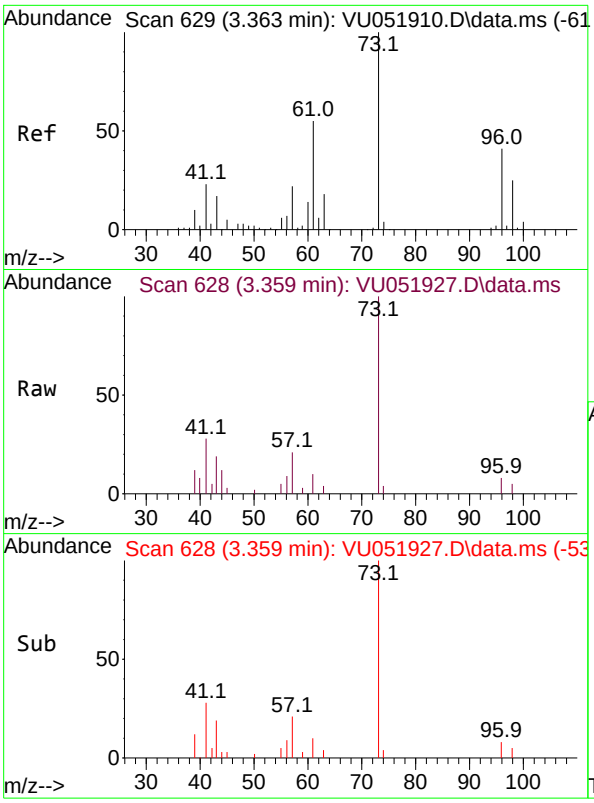


#15
Methyl Acetate
Concen: 0.816 ug/L
RT: 3.183 min Scan# 573
Delta R.T. 0.219 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

Tgt Ion: 43 Resp: 5880

Ion	Ratio	Lower	Upper
43	100		
74	4.5	21.3	31.9#



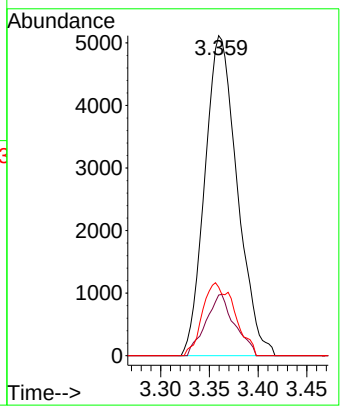


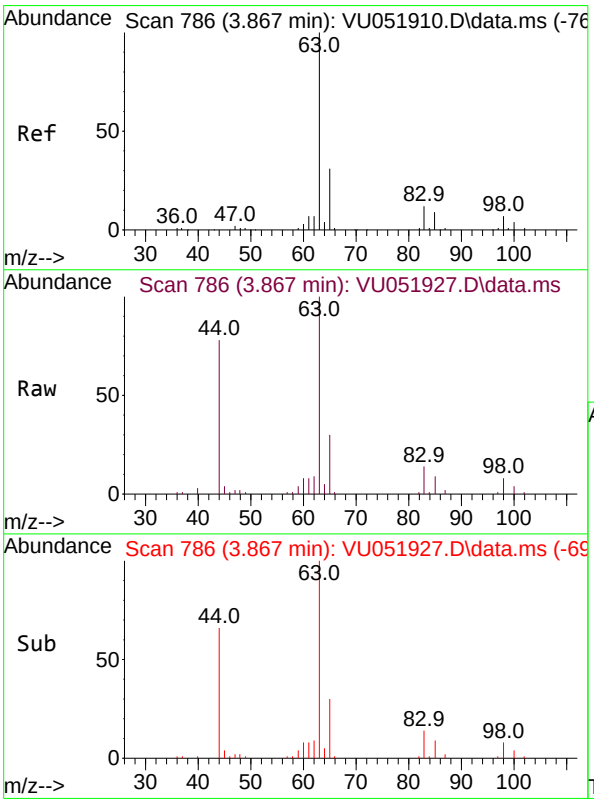
#17
Methyl tert-butyl Ether
Concen: 0.314 ug/L
RT: 3.359 min Scan# 6
Delta R.T. -0.003 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

Instrument :
MSVOA_U
ClientSampleId :
BH1J6

Tgt Ion: 73 Resp: 11828

Ion	Ratio	Lower	Upper
73	100		
43	17.0	13.2	19.8
57	22.6	17.8	26.8

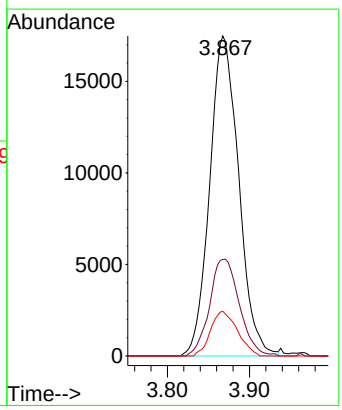


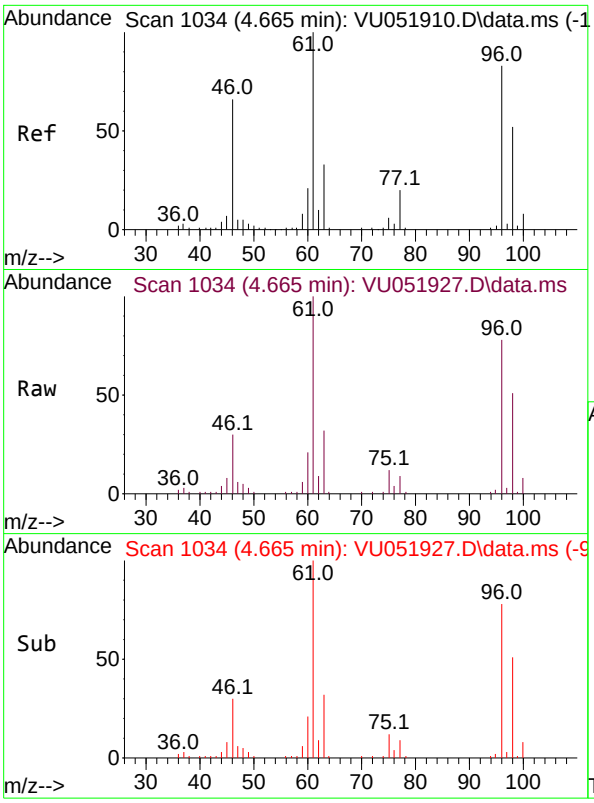


#19
1,1-Dichloroethane
Concen: 1.319 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

Tgt Ion: 63 Resp: 42903

Ion	Ratio	Lower	Upper
63	100		
65	30.2	22.2	41.2
83	13.9	9.2	17.0



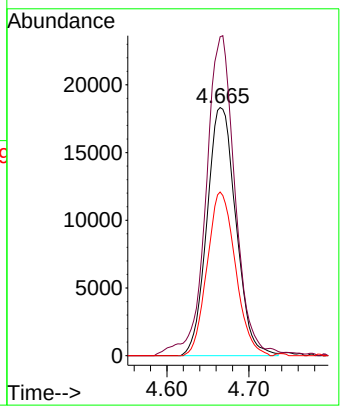


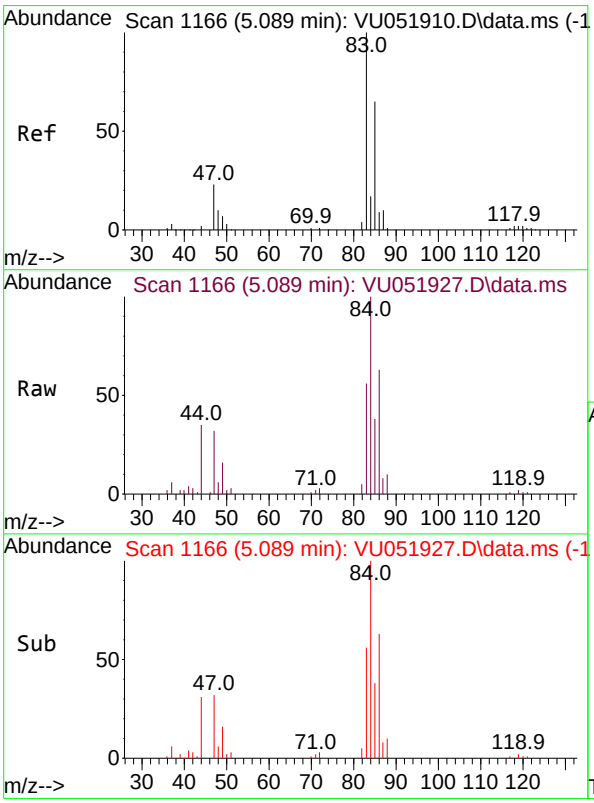
#22
cis-1,2-Dichloroethene
Concen: 2.377 ug/L
RT: 4.665 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

Instrument :
MSVOA_U
ClientSampleId :
BH1J6

Tgt Ion: 96 Resp: 45002

Ion	Ratio	Lower	Upper
96	100		
61	128.5	85.1	158.1
98	66.0	42.8	79.6

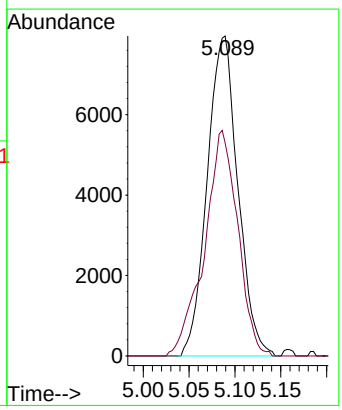


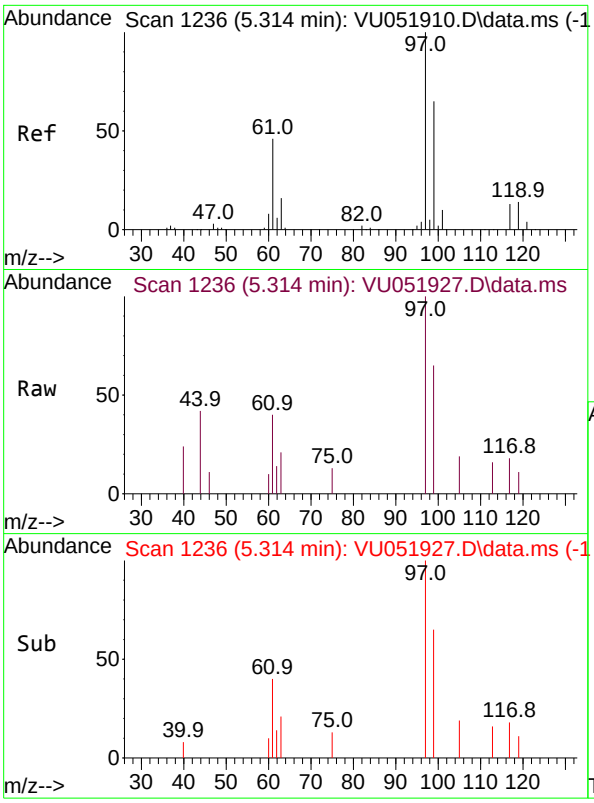


#25
Chloroform
Concen: 0.562 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

Tgt Ion: 83 Resp: 18526

Ion	Ratio	Lower	Upper
83	100		
85	66.7	43.8	81.4



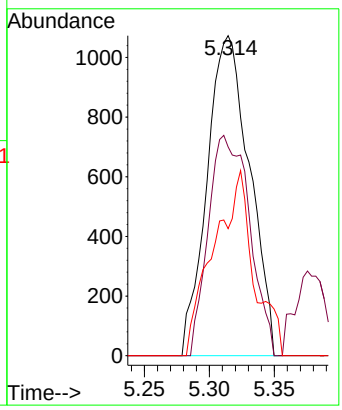


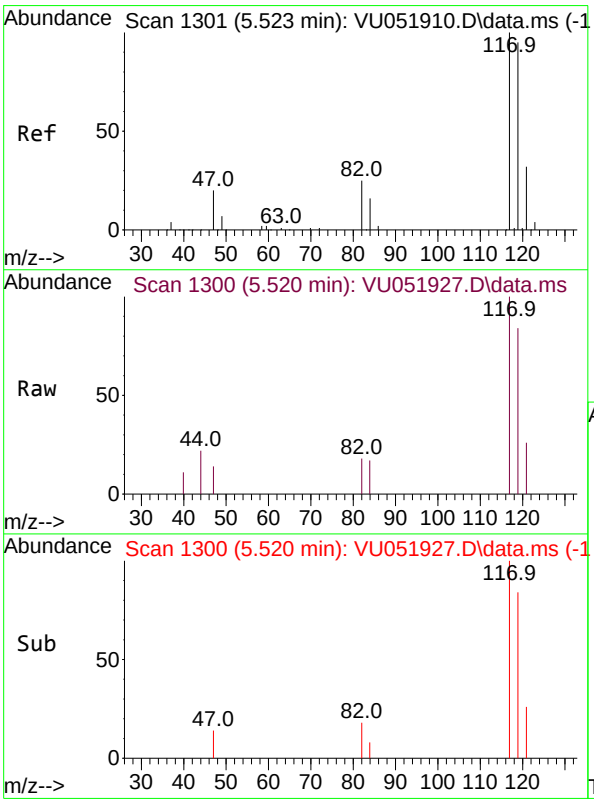
#29
1,1,1-Trichloroethane
Concen: 0.091 ug/L
RT: 5.314 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

Instrument :
MSVOA_U
ClientSampleId :
BH1J6

Tgt Ion: 97 Resp: 2442

Ion	Ratio	Lower	Upper
97	100		
99	67.0	51.0	76.6
61	54.5	36.9	55.3

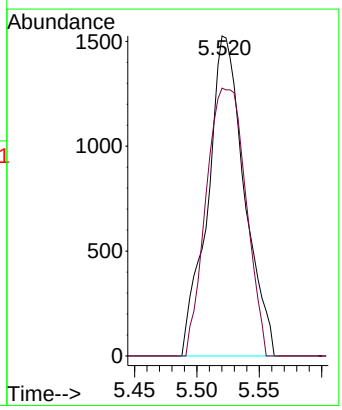


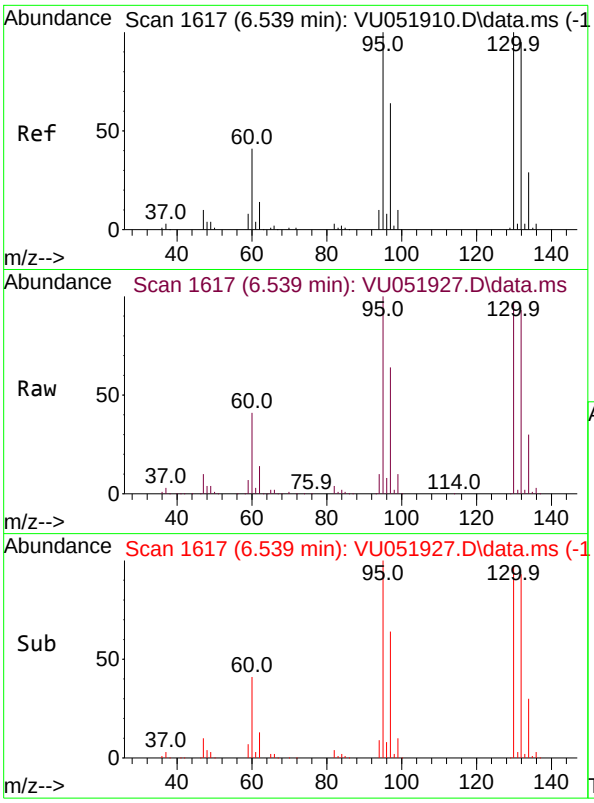


#31
Carbon tetrachloride
Concen: 0.137 ug/L
RT: 5.520 min Scan# 1300
Delta R.T. -0.003 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

Tgt Ion:117 Resp: 3121

Ion	Ratio	Lower	Upper
117	100		
119	90.5	77.2	115.8



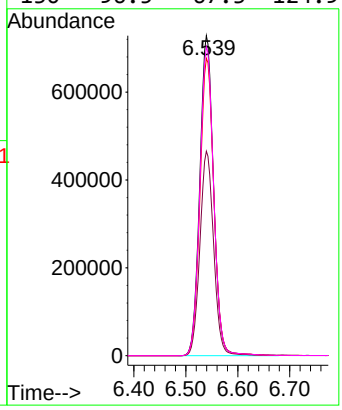


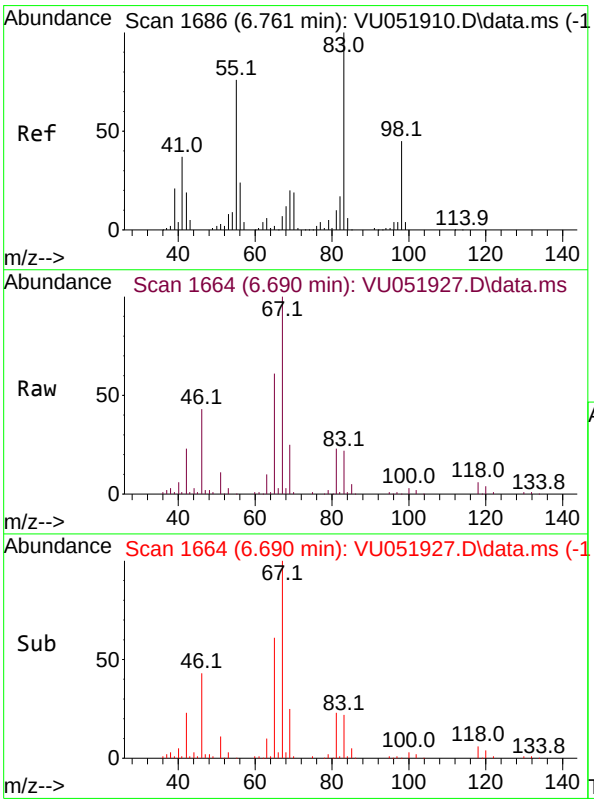
#34
Trichloroethene
Concen: 68.588 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

Instrument :
MSVOA_U
ClientSampleId :
BH1J6

Tgt Ion: 95 Resp: 1341219

Ion	Ratio	Lower	Upper
95	100		
97	63.9	43.7	81.1
132	92.9	64.3	119.3
130	96.5	67.3	124.9

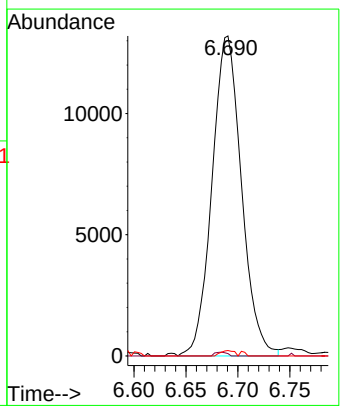


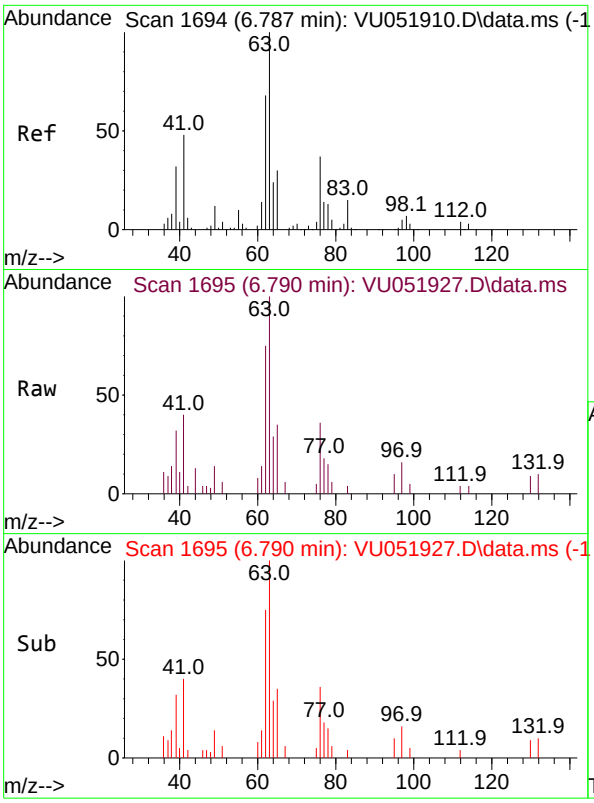


#35
Methylcyclohexane
Concen: 0.926 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

Tgt Ion: 83 Resp: 26045

Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.8	91.2#
98	0.0	35.1	52.7#



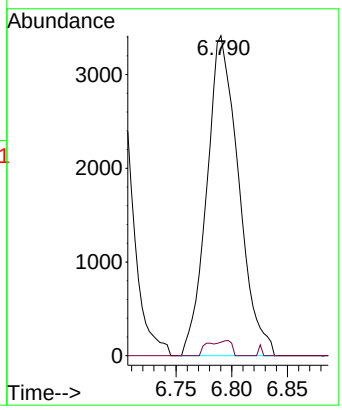


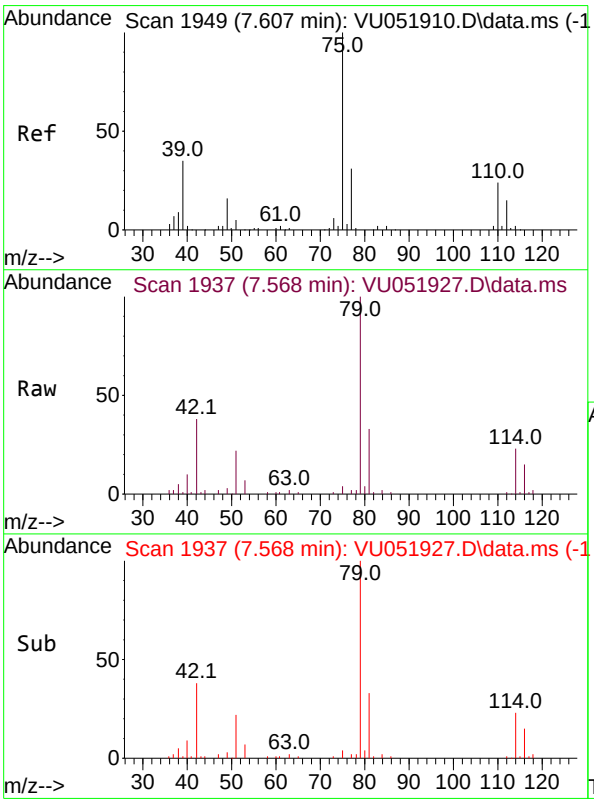
#37
1,2-Dichloropropane
Concen: 0.334 ug/L
RT: 6.790 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

Instrument :
MSVOA_U
ClientSampleId :
BH1J6

Tgt Ion: 63 Resp: 6780

Ion	Ratio	Lower	Upper
63	100		
112	2.1	3.3	4.9#

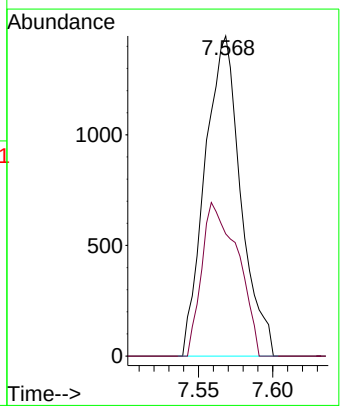


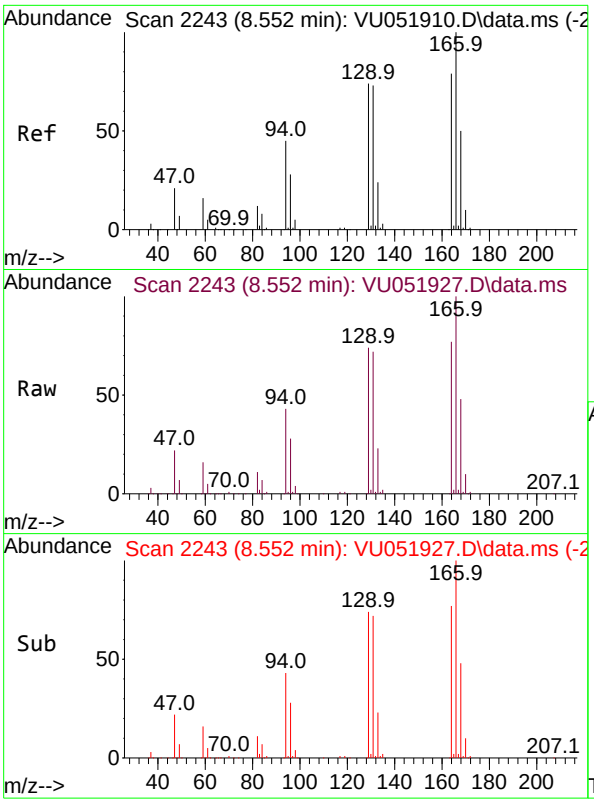


#39
cis-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.038 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

Tgt Ion: 75 Resp: 2423

Ion	Ratio	Lower	Upper
75	100		
77	38.1	22.0	40.8



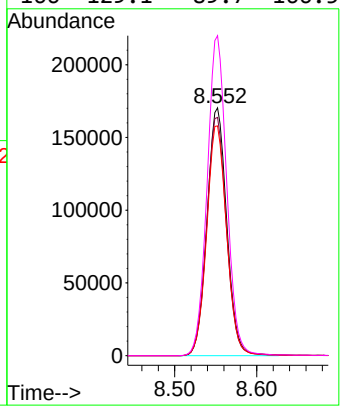


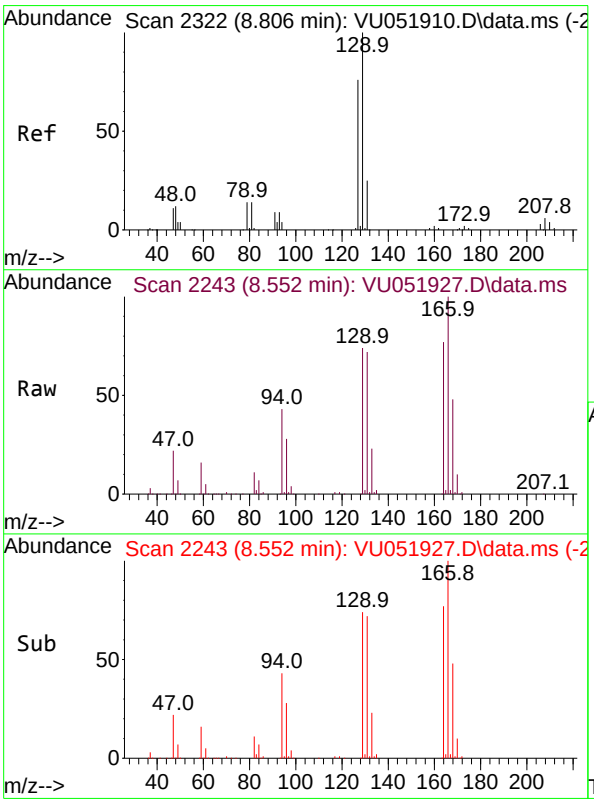
#47
Tetrachloroethene
Concen: 19.046 ug/L
RT: 8.552 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

Instrument :
MSVOA_U
ClientSampleId :
BH1J6

Tgt Ion:164 Resp: 285442

Ion	Ratio	Lower	Upper
164	100		
129	96.1	67.4	125.2
131	92.7	67.1	124.7
166	129.1	89.7	166.5

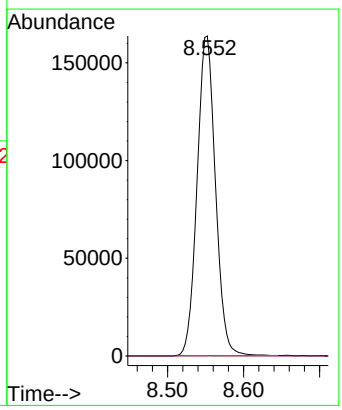


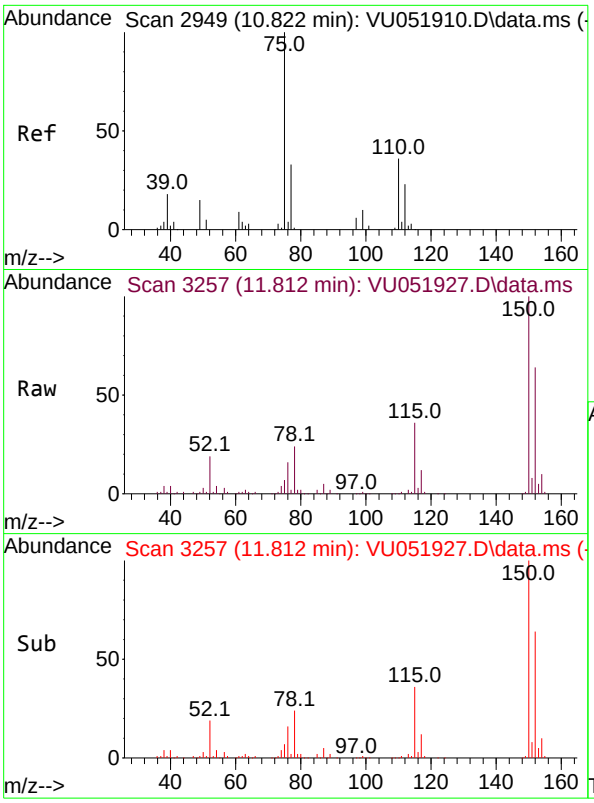


#49
Dibromochloromethane
Concen: 15.995 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

Tgt Ion:129 Resp: 273274

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.8	98.2#





#61
1,2,3-Trichloropropane
Concen: 0.983 ug/L
RT: 11.812 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

Instrument :
MSVOA_U
ClientSampleId :
BH1J6

Tgt Ion: 75 Resp: 10470

Ion	Ratio	Lower	Upper
75	100		
110	1.3	28.3	42.5#
77	32.8	26.2	39.2