Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092722\
Data File : VU050962.D
Acq On : 27 Sep 2022 17:19
Operator : JC/MD
Sample : N4854-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J25

Quant Time: Sep 28 02:03:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 28 01:59:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	1955	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.420	117	4940	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	5226	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	515	25.426	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 50.860%#			
7) Chloroethane-d5	1.912	69	313	21.698	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 43.400%#			
11) 1,1-Dichloroethene-d2	2.568	63	852	27.033	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 54.060%#			
21) 2-Butanone-d5	4.645	46	44	3.365	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 3.360%#			
24) Chloroform-d	5.057	84	429	13.515	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 27.040%#			
26) 1,2-Dichloroethane-d4	5.700	65	2067	105.664	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 211.320%#			
32) Benzene-d6	5.729	84	2050	12.599	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 25.200%#			
36) 1,2-Dichloropropane-d6	6.690	67	513	9.340	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 18.680%#			
41) Toluene-d8	7.903	98	2896	20.361	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 40.720%#			
43) trans-1,3-Dichloroprop...	8.185	79	486	20.341	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 40.680%#			
47) 2-Hexanone-d5	8.623	63	83	3.667	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 3.670%#			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	2391	28.554	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 57.100%#			
66) 1,2-Dichlorobenzene-d4	12.198	152	4151	37.937	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 75.880%#			
Target Compounds						Qvalue
3) Chloromethane	1.514	50	561	23.838	ug/L #	73
6) Bromomethane	1.964	94	77	6.615	ug/L #	4
8) Chloroethane	1.941	64	49	3.841	ug/L #	42
12) 1,1-Dichloroethene	2.462	96	46	3.061	ug/L #	1
13) Acetone	2.629	43	734	66.290	ug/L	74
14) Carbon disulfide	2.790	76	249	5.239	ug/L #	74
15) Methyl Acetate	2.694	43	93	4.451	ug/L #	50
16) Methylene chloride	3.047	84	193	9.248	ug/L	86
17) trans-1,2-Dichloroethene	3.366	96	576	37.391	ug/L	70
18) Methyl tert-butyl Ether	3.366	73	14581	310.489	ug/L #	92
22) 2-Butanone	4.710	43	40	2.741	ug/L #	45
25) Chloroform	5.089	83	3487	112.408	ug/L	82
27) 1,2-Dichloroethane	5.800	62	134	5.684	ug/L #	75
34) Trichloroethene	6.542	95	3073	72.769	ug/L	88
38) Bromodichloromethane	7.099	83	896	15.117	ug/L #	83
45) 1,1,2-Trichloroethane	8.552	97	15596	340.190	ug/L #	1
46) Tetrachloroethene	8.552	164	1768641	58280.723	ug/L	99
48) 2-Hexanone	8.687	43	3492	60.955	ug/L #	86
49) Dibromochloromethane	8.819	129	43	0.957	ug/L #	10

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092722\
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Acq On : 27 Sep 2022 17:19
Operator : JC/MD
Sample : N4854-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J25

Quant Time: Sep 28 02:03:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 28 01:59:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 1,2,3-Trichloropropane	11.822	75	558	3.796	ug/L #	40

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092722\
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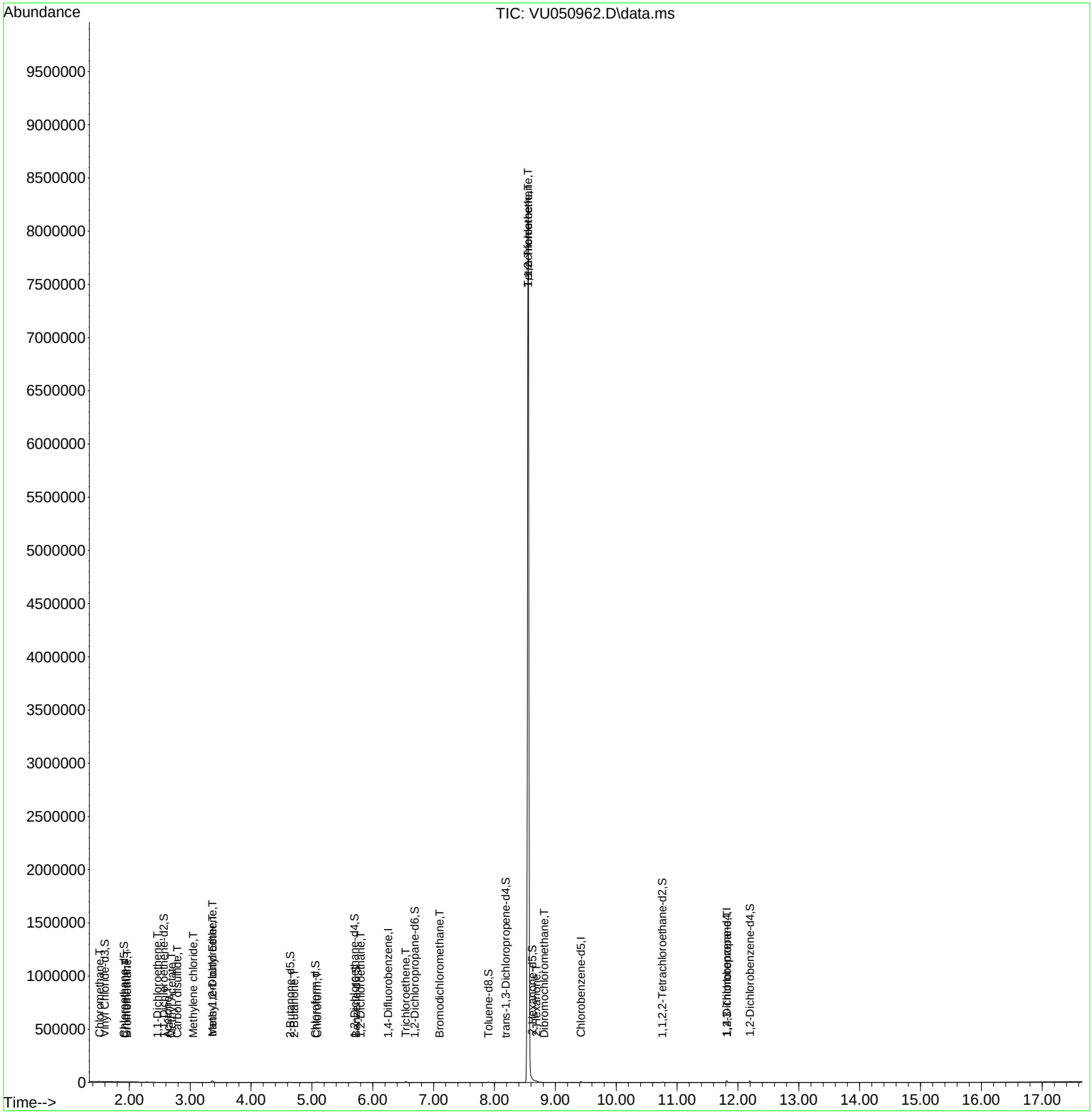
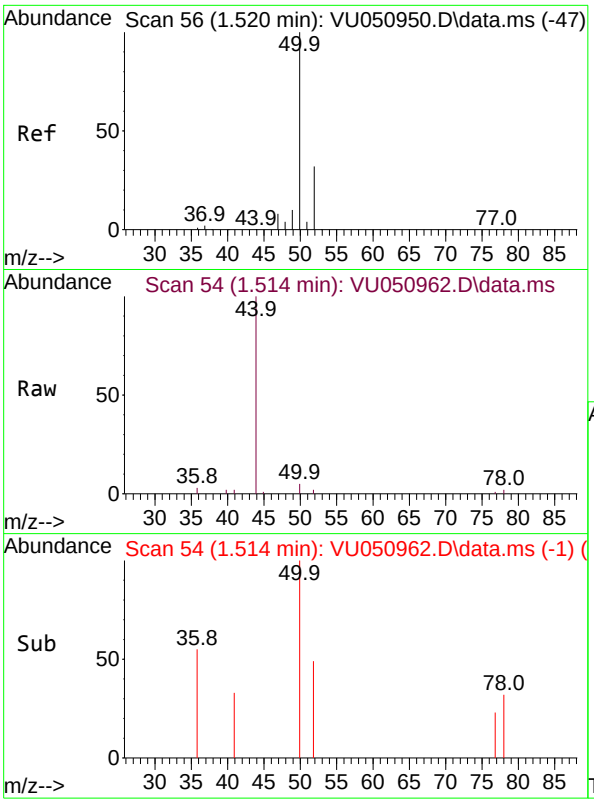
Quant Time: Sep 28 02:03:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 28 01:59:42 2022
Response via : Initial Calibration



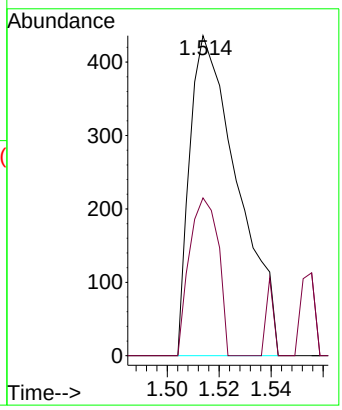


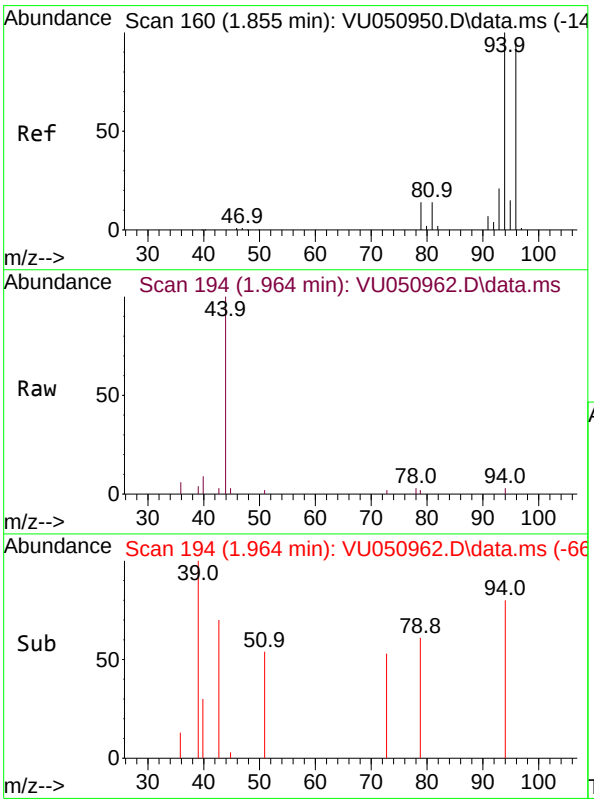
#3
Chloromethane
Concen: 23.838 ug/L
RT: 1.514 min Scan# 54
Delta R.T. -0.006 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Instrument :
MSVOA_U
ClientSampleId :
F5J25

Tgt Ion: 50 Resp: 561

Ion	Ratio	Lower	Upper
50	100		
52	49.3	23.7	43.9#

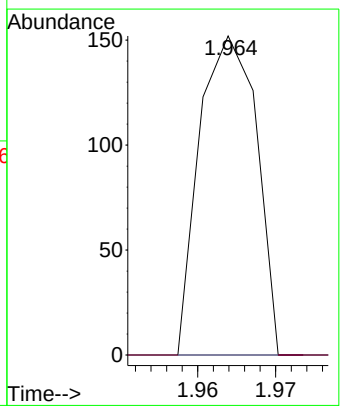


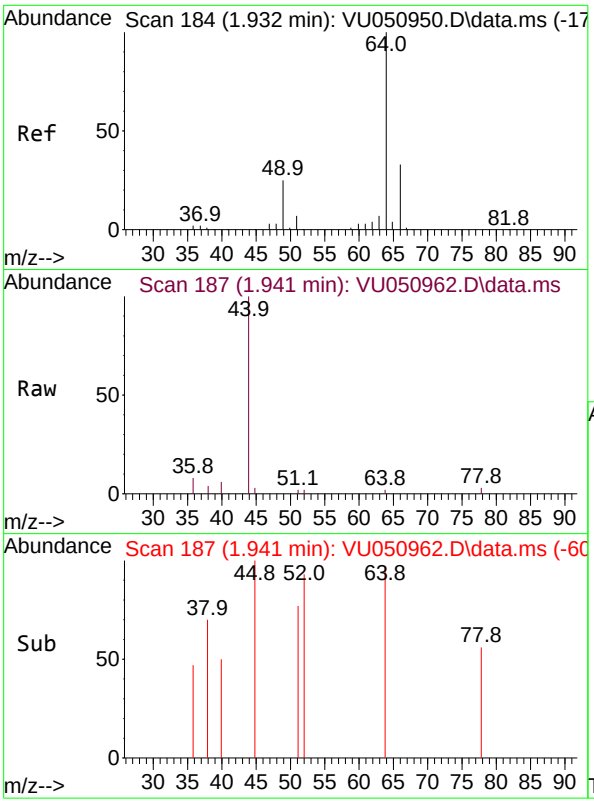


#6
Bromomethane
Concen: 6.615 ug/L
RT: 1.964 min Scan# 194
Delta R.T. 0.113 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Tgt Ion: 94 Resp: 77

Ion	Ratio	Lower	Upper
94	100		
96	0.0	64.0	119.0#



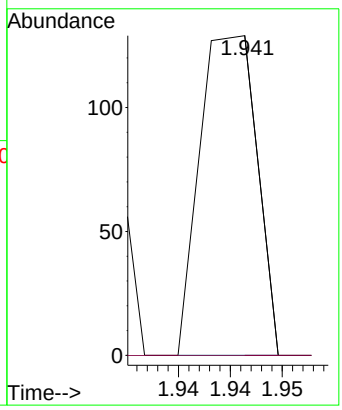


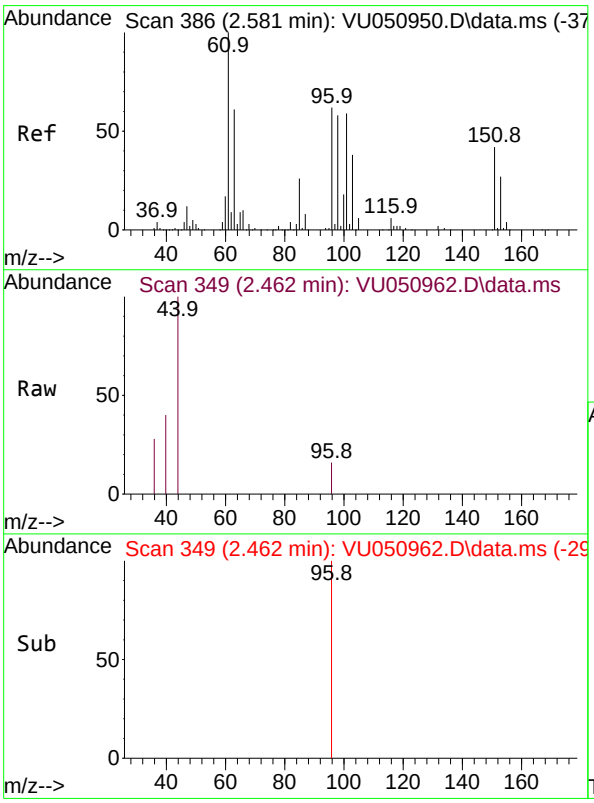
#8
Chloroethane
Concen: 3.841 ug/L
RT: 1.941 min Scan# 1
Delta R.T. 0.010 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Instrument :
MSVOA_U
ClientSampleId :
F5J25

Tgt Ion: 64 Resp: 49

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.9	42.5#

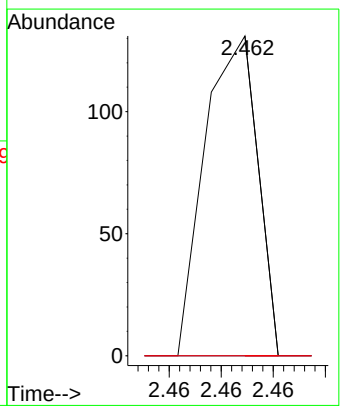


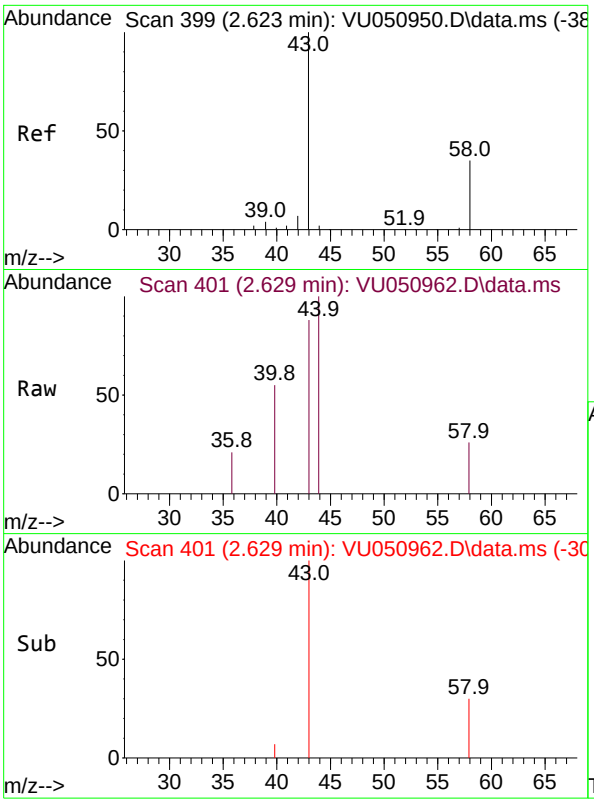


#12
1,1-Dichloroethene
Concen: 3.061 ug/L
RT: 2.462 min Scan# 349
Delta R.T. -0.119 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Tgt Ion: 96 Resp: 46

Ion	Ratio	Lower	Upper
96	100		
61	0.0	118.6	220.2#
63	0.0	90.4	168.0#



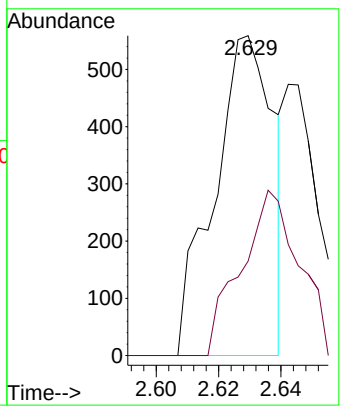


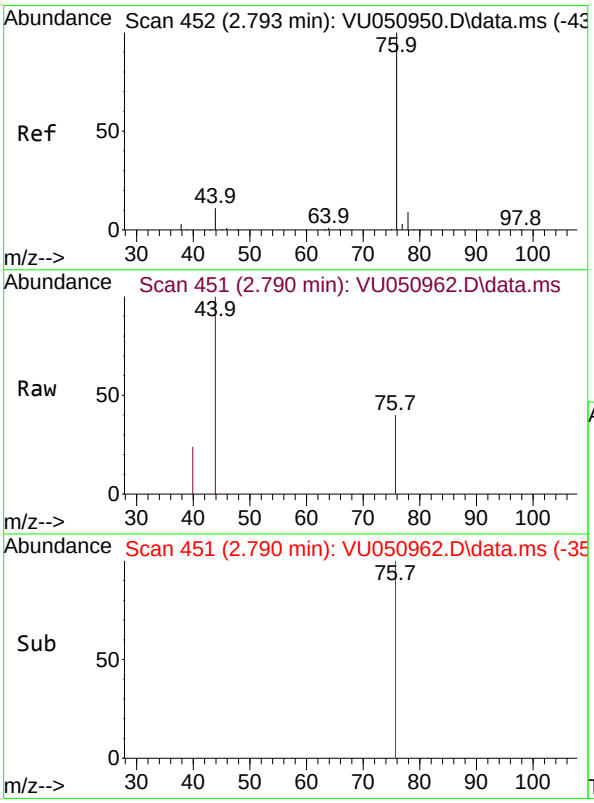
#13
Acetone
Concen: 66.290 ug/L
RT: 2.629 min Scan# 4(
Delta R.T. 0.006 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Instrument :
MSVOA_U
ClientSampleId :
F5J25

Tgt Ion: 43 Resp: 734

Ion	Ratio	Lower	Upper
43	100		
58	50.7	0.0	71.4

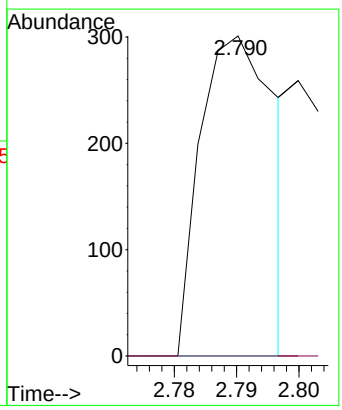


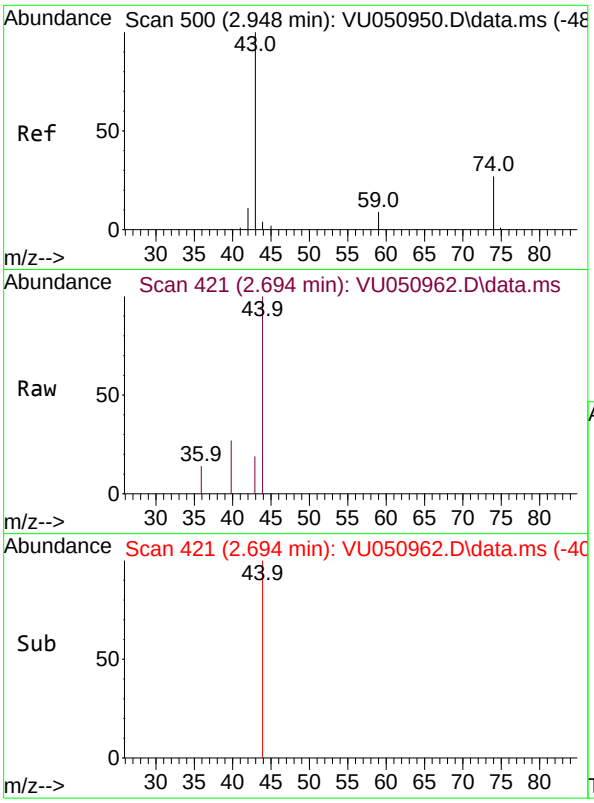


#14
Carbon disulfide
Concen: 5.239 ug/L
RT: 2.790 min Scan# 451
Delta R.T. -0.003 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Tgt Ion: 76 Resp: 249

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.5	11.3#



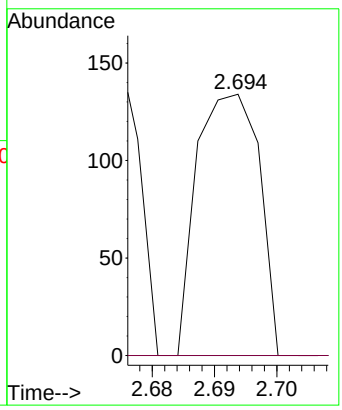


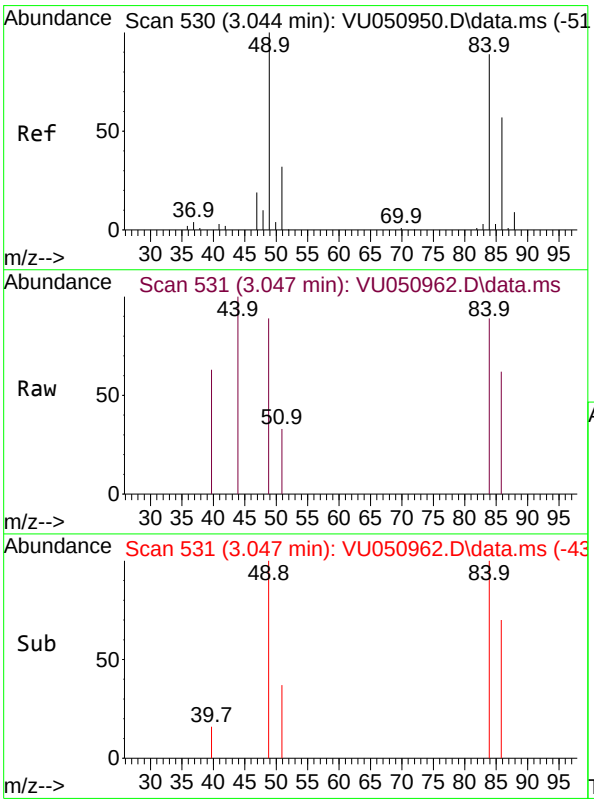
#15
Methyl Acetate
Concen: 4.451 ug/L
RT: 2.694 min Scan# 4
Delta R.T. -0.251 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Instrument :
MSVOA_U
ClientSampleId :
F5J25

Tgt Ion: 43 Resp: 93

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.9	29.9#

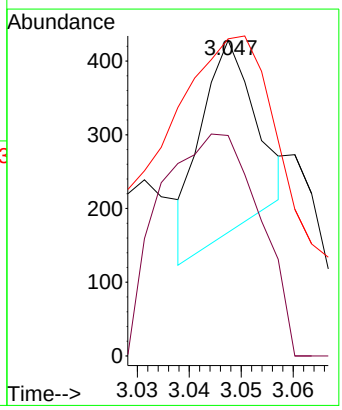


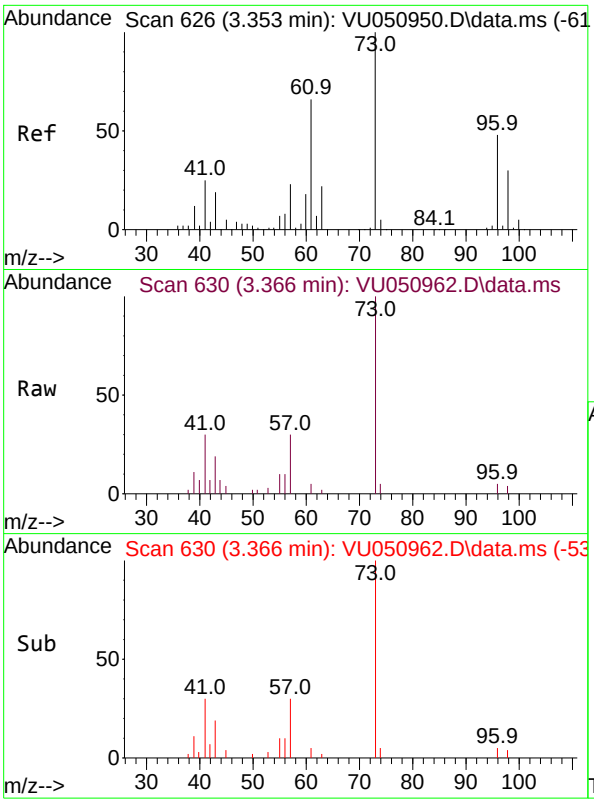


#16
Methylene chloride
Concen: 9.248 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Tgt Ion: 84 Resp: 193

Ion	Ratio	Lower	Upper
84	100		
86	69.9	44.4	82.5
49	100.5	83.3	154.7



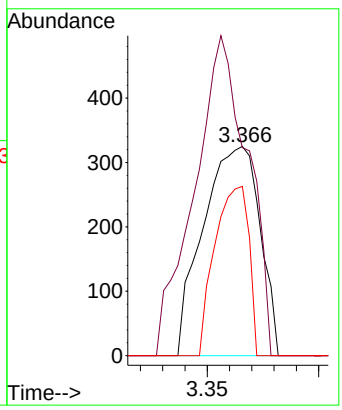


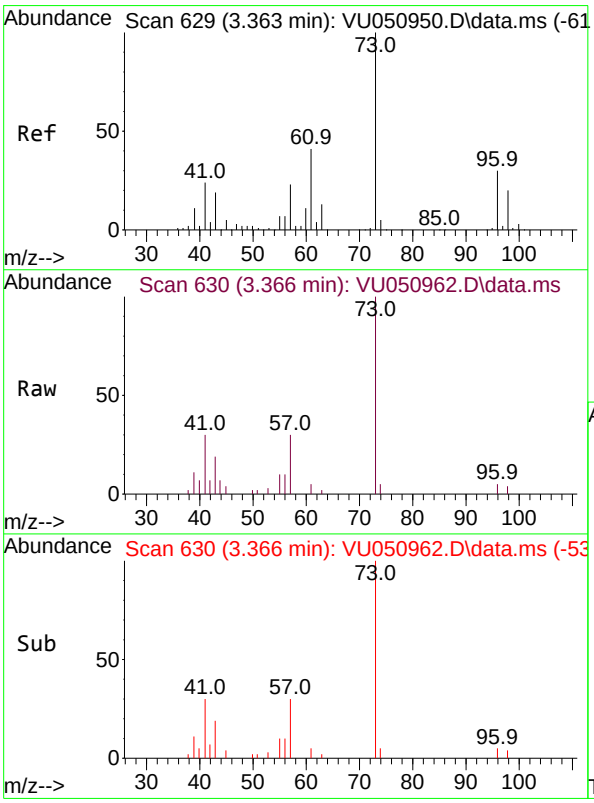
#17
trans-1,2-Dichloroethene
Concen: 37.391 ug/L
RT: 3.366 min Scan# 6
Delta R.T. 0.013 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Instrument :
MSVOA_U
ClientSampleId :
F5J25

Tgt Ion: 96 Resp: 576

Ion	Ratio	Lower	Upper
96	100		
61	99.4	98.0	182.0
98	80.9	44.3	82.3

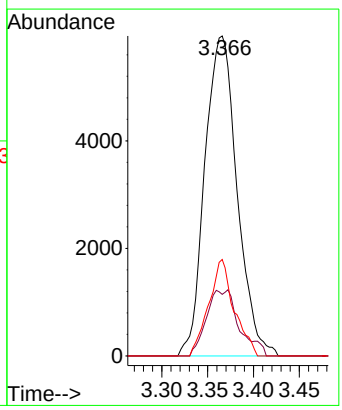


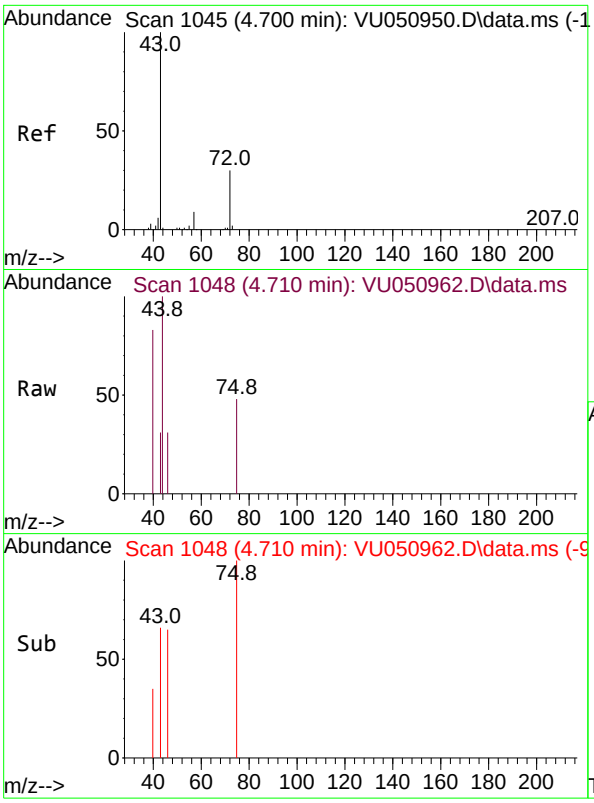


#18
Methyl tert-butyl Ether
Concen: 310.489 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Tgt Ion: 73 Resp: 14581

Ion	Ratio	Lower	Upper
73	100		
43	10.6	14.4	21.6#
57	23.7	18.6	27.8



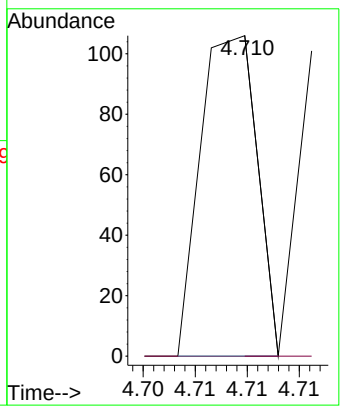


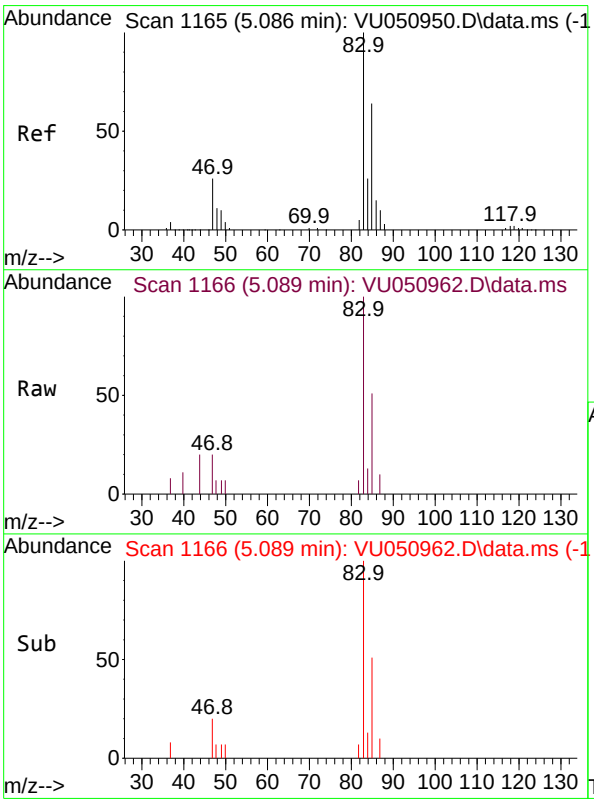
#22
2-Butanone
Concen: 2.741 ug/L
RT: 4.710 min Scan# 1
Delta R.T. 0.013 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Instrument :
MSVOA_U
ClientSampleId :
F5J25

Tgt Ion: 43 Resp: 40

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.8	44.3#

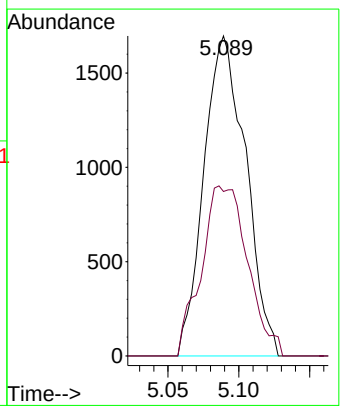


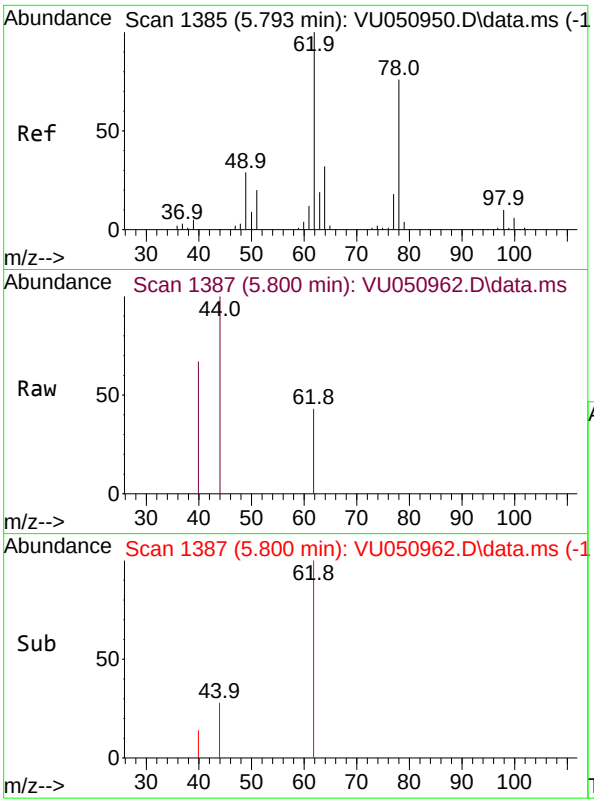


#25
Chloroform
Concen: 112.408 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Tgt Ion: 83 Resp: 3487

Ion	Ratio	Lower	Upper
83	100		
85	51.4	45.7	84.9



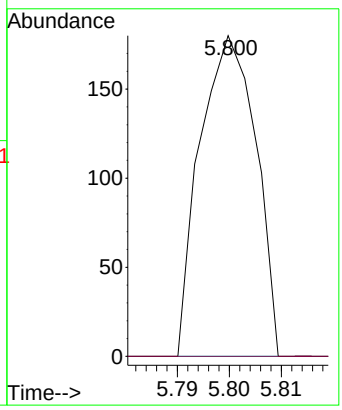


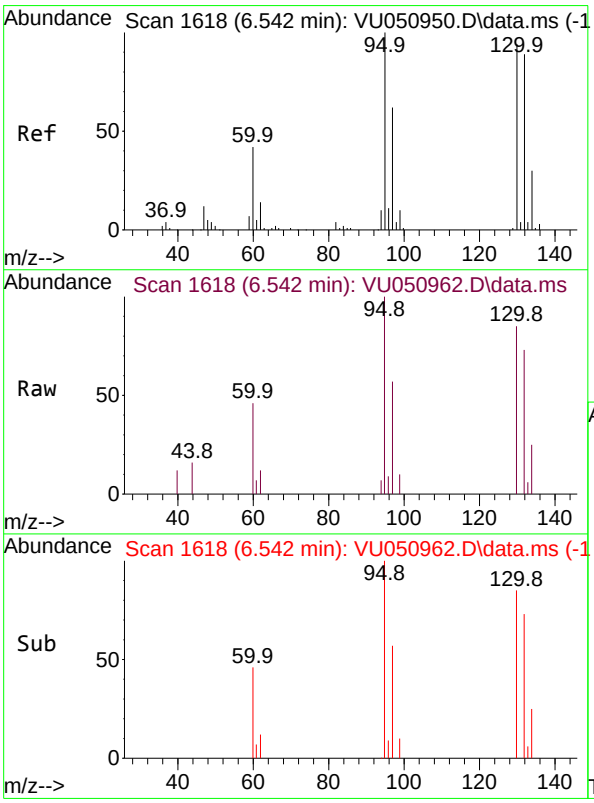
#27
1,2-Dichloroethane
Concen: 5.684 ug/L
RT: 5.800 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Instrument :
MSVOA_U
ClientSampleId :
F5J25

Tgt Ion: 62 Resp: 134

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.4	11.0#

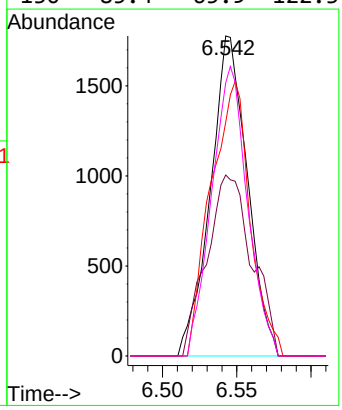


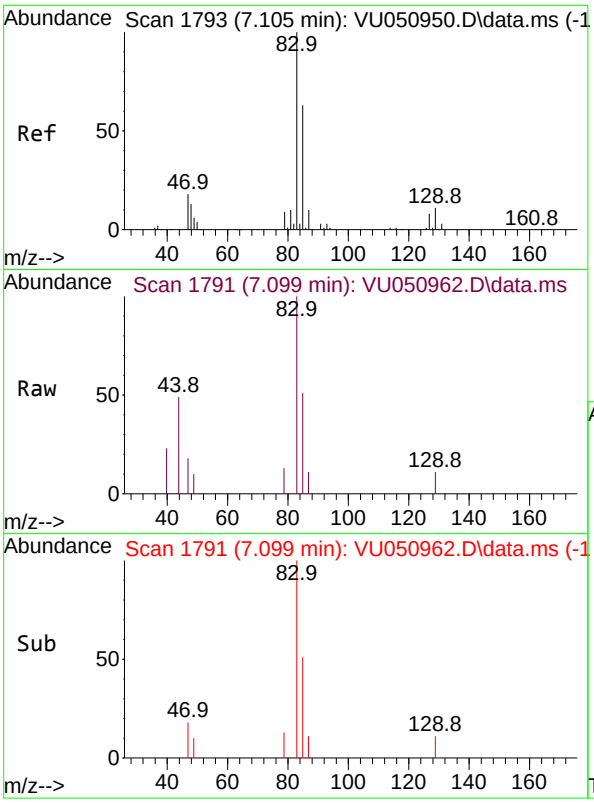


#34
Trichloroethene
Concen: 72.769 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Tgt Ion: 95 Resp: 3073

Ion	Ratio	Lower	Upper
95	100		
97	56.6	43.9	81.5
132	73.0	63.1	117.1
130	85.4	65.9	122.3



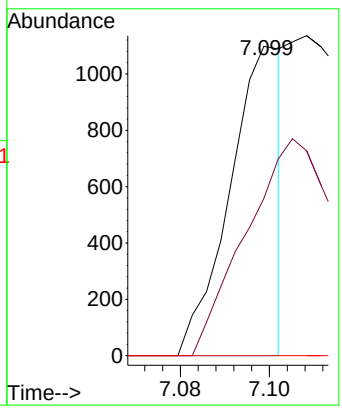


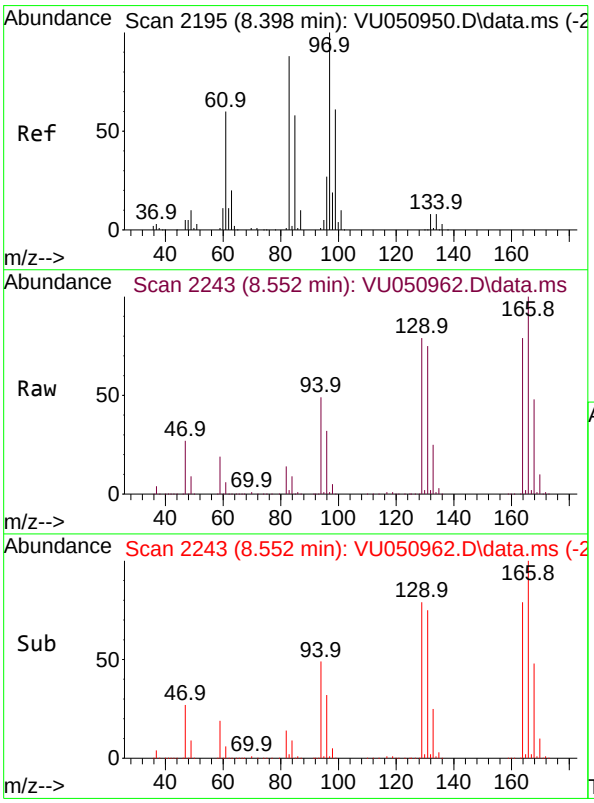
#38
Bromodichloromethane
Concen: 15.117 ug/L
RT: 7.099 min Scan# 1
Delta R.T. -0.006 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Instrument :
MSVOA_U
ClientSampleId :
F5J25

Tgt Ion: 83 Resp: 896

Ion	Ratio	Lower	Upper
83	100		
85	50.8	44.3	82.3
127	0.0	6.4	9.6#

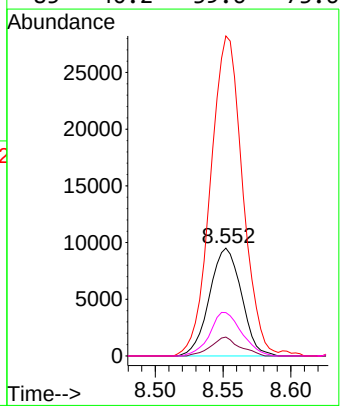


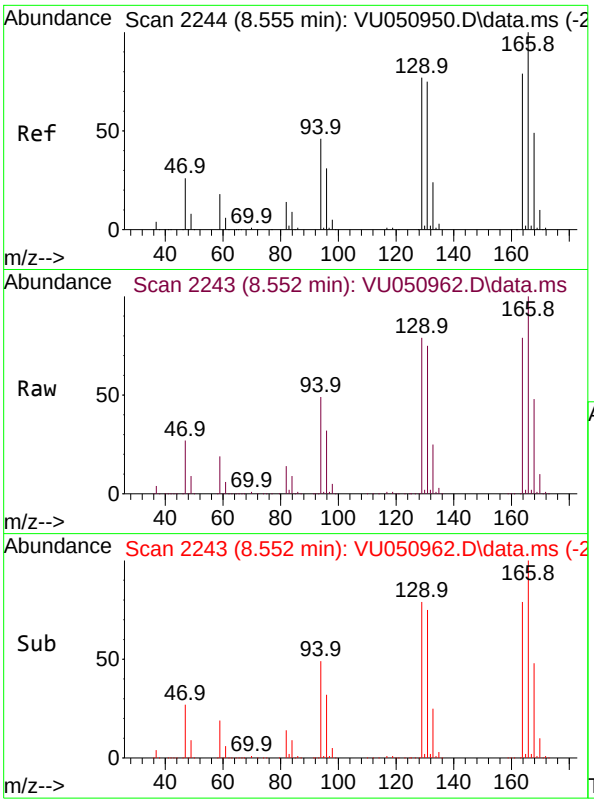


#45
1,1,2-Trichloroethane
Concen: 340.190 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.154 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Tgt Ion: 97 Resp: 15596

Ion	Ratio	Lower	Upper
97	100		
99	17.6	43.8	81.4#
83	296.9	62.6	116.3#
85	40.2	39.6	73.6



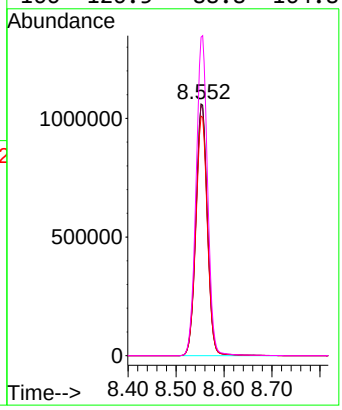


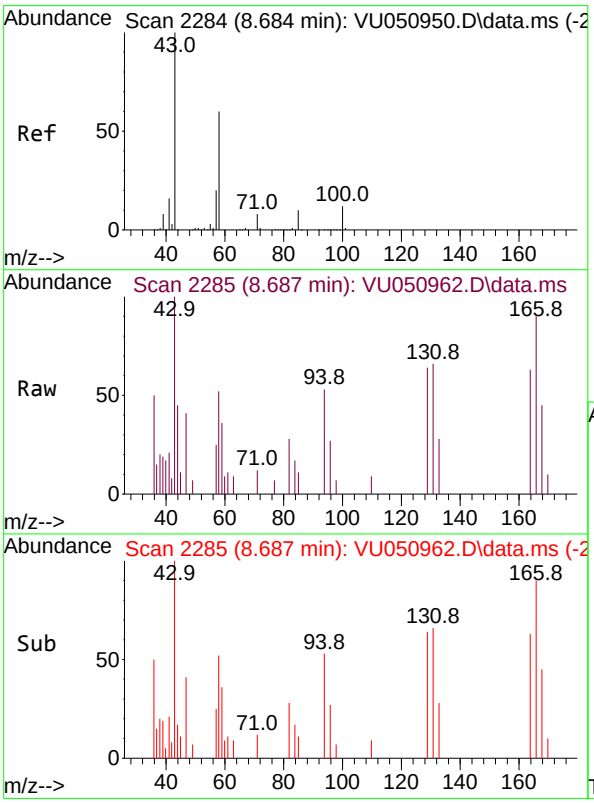
#46
Tetrachloroethene
Concen: 58280.723 ug/L
RT: 8.552 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Instrument :
MSVOA_U
ClientSampleId :
F5J25

Tgt Ion:164 Resp: 1768641

Ion	Ratio	Lower	Upper
164	100		
129	99.5	68.5	127.3
131	95.1	66.1	122.7
166	126.5	88.8	164.8

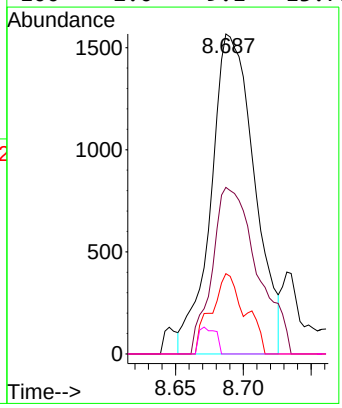


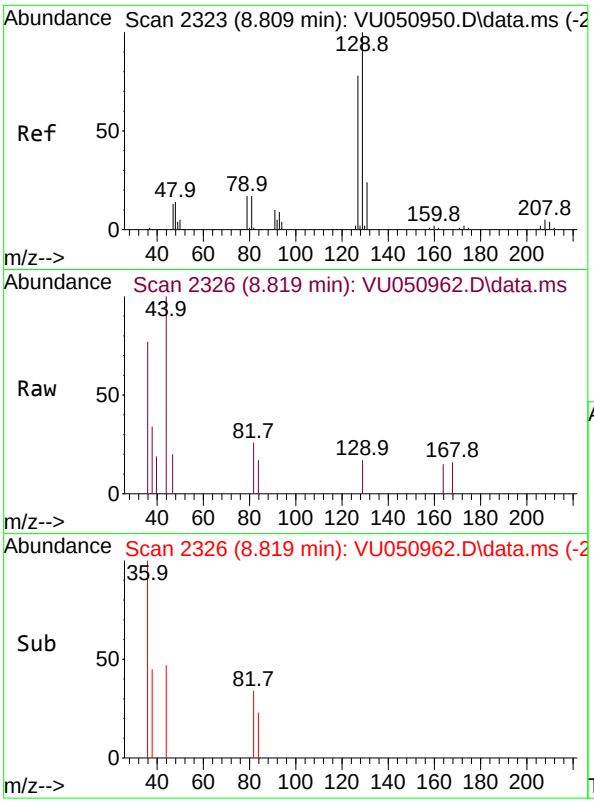


#48
2-Hexanone
Concen: 60.955 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Tgt Ion: 43 Resp: 3492

Ion	Ratio	Lower	Upper
43	100		
58	54.0	47.2	70.8
57	6.6	16.2	24.4#
100	2.0	9.1	13.7#



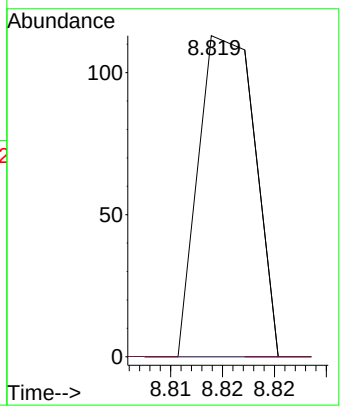


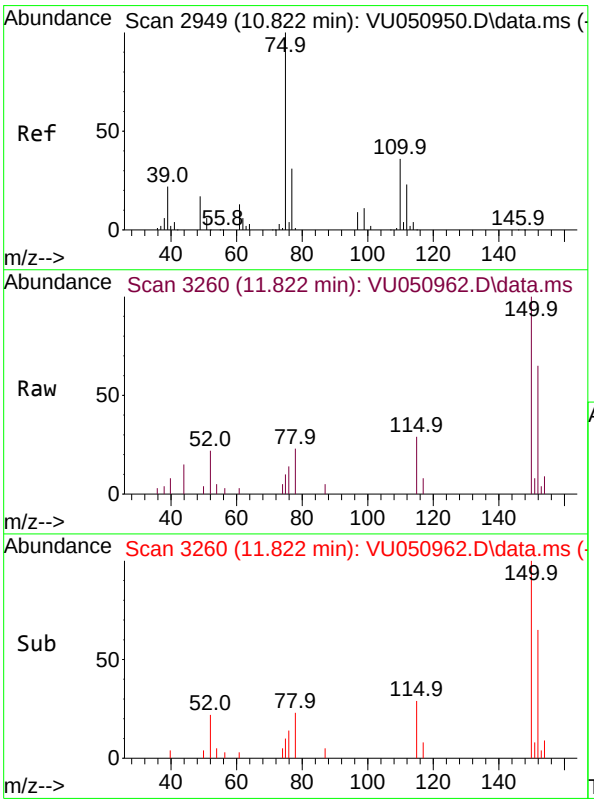
#49
Dibromochloromethane
Concen: 0.957 ug/L
RT: 8.819 min Scan# 2
Delta R.T. 0.010 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Instrument :
MSVOA_U
ClientSampleId :
F5J25

Tgt Ion:129 Resp: 43

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.5	101.1#





#60
1,2,3-Trichloropropane
Concen: 3.796 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 1.000 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Tgt Ion: 75 Resp: 558

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.4#
110	0.0	28.6	43.0#