Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
Data File : VN081816.D
Acq On : 19 Apr 2024 18:04
Operator : JC\MD
Sample : P2214-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 19 23:51:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 11 09:25:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.812	128	15759	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.100	114	81510	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.871	117	108142	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	52988	27.370	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 91.233%			
60) 4-Bromofluorobenzene	12.847	95	55233	25.978	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 86.600%			
63) Toluene-d8	10.571	98	121012	27.897	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 93.000%			
Target Compounds						Qvalue
15) Acetone	4.424	58	9071	44.464	ug/l	84
25) Chloroform	7.971	83	6556	1.479	ug/l #	77
30) 2-Butanone	7.494	43	1655	2.022	ug/l #	85
36) 1,2-Dichloroethane	9.106	62	3346	1.478	ug/l #	72
43) Ethyl Acetate	7.494	43	1655	0.918	ug/l #	67
50) 1,1,2-Trichloroethane	10.577	97	4582	2.667	ug/l #	1
51) Ethyl methacrylate	10.571	69	560	0.234	ug/l	83
56) Bromoform	12.841	173	981	0.748	ug/l #	1
62) Toluene	10.629	91	2147	0.273	ug/l	89
72) 1,2,3-Trichloropropane	12.847	75	27977	14.256	ug/l	1
77) t-1,4-Dichloro-2-butene	12.847	75	27977	34.423	ug/l #	12
88) 1,2-Dibromo-3-Chloropr...	14.300	75	138	0.299	ug/l #	4

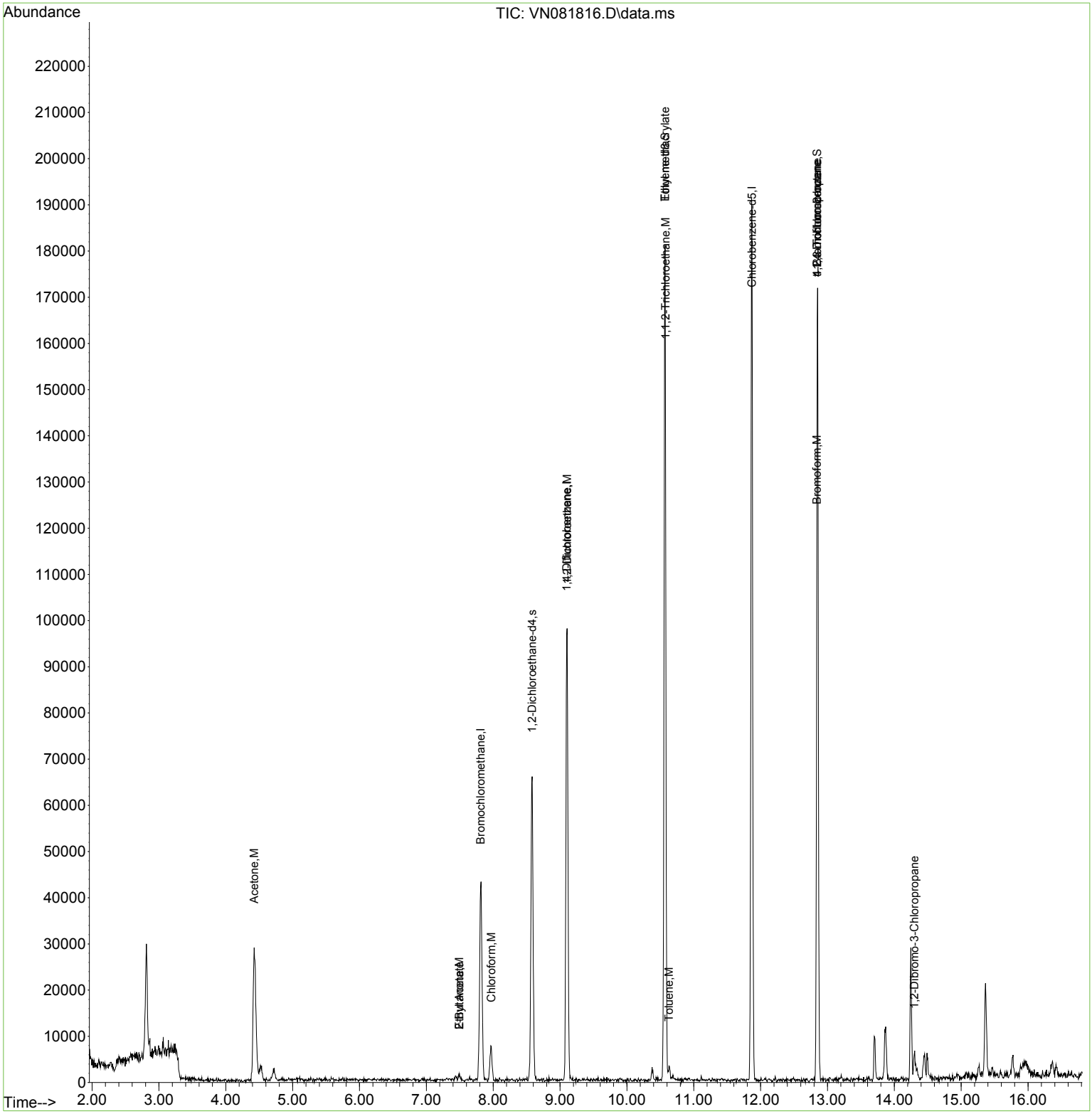
(#) = qualifier out of range (m) = manual integration (+) = signals summed

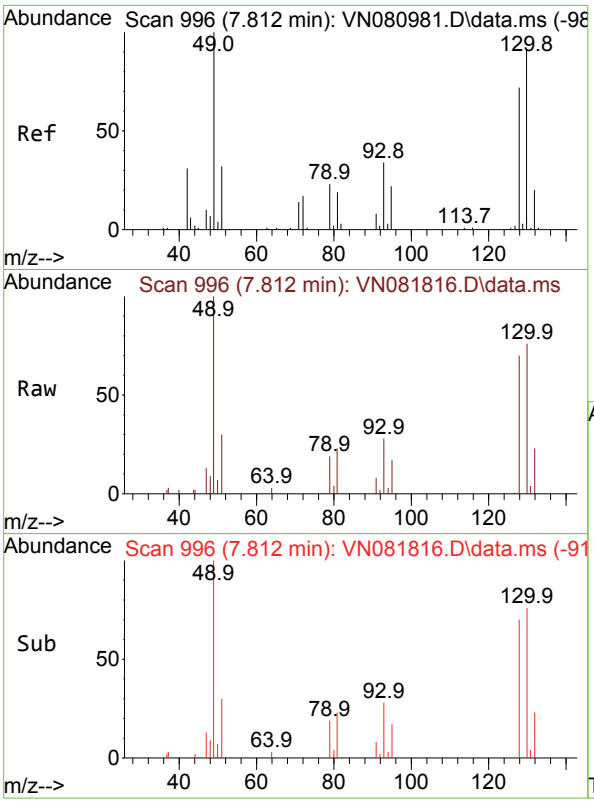
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
Data File : VN081816.D
Acq On : 19 Apr 2024 18:04
Operator : JC\MD
Sample : P2214-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 19 23:51:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 11 09:25:01 2024
Response via : Initial Calibration



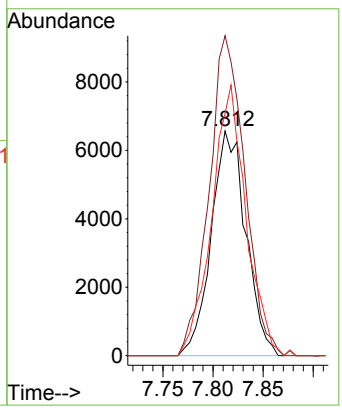


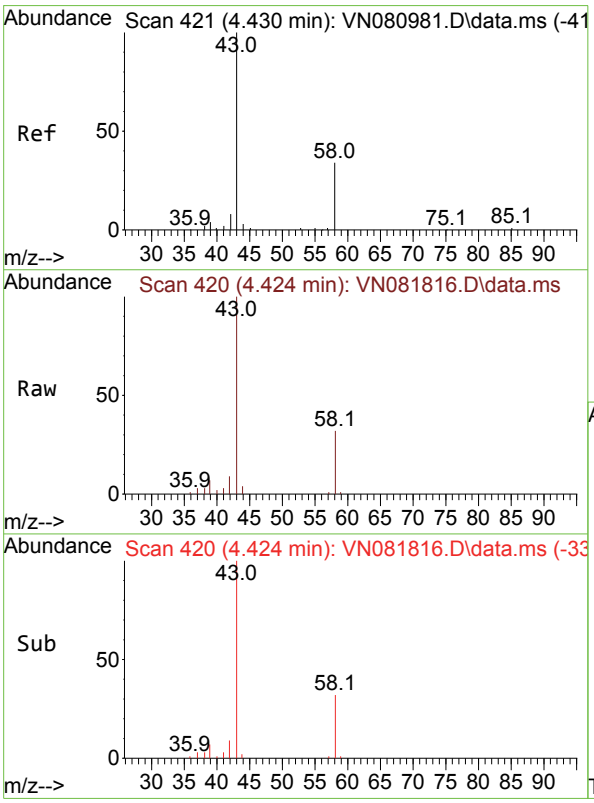
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 9
Delta R.T. -0.012 min
Lab File: VN081816.D
Acq: 19 Apr 2024 18:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 15759

Ion	Ratio	Lower	Upper
128	100		
49	146.9	0.0	403.7
130	118.8	0.0	323.3

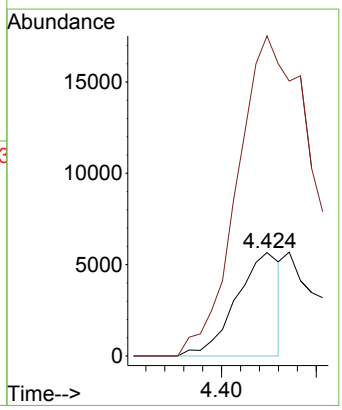


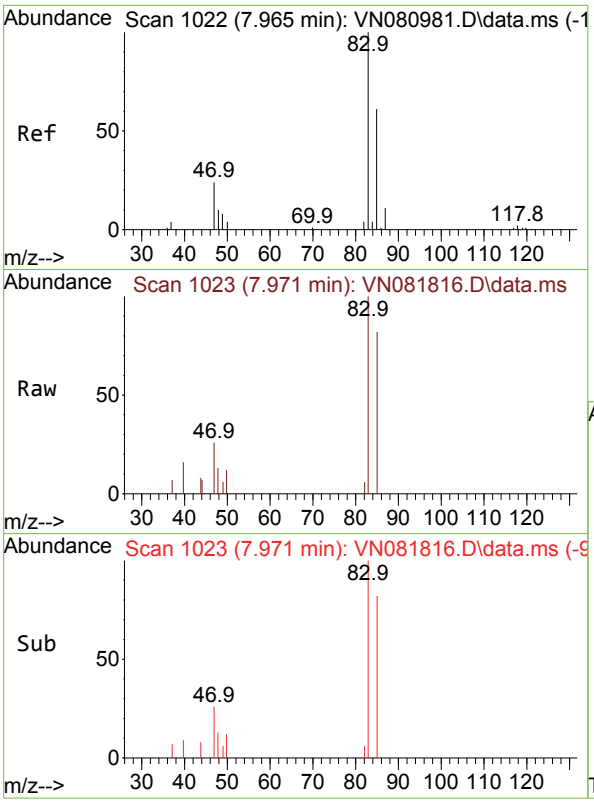


#15
Acetone
Concen: 44.464 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081816.D
Acq: 19 Apr 2024 18:04

Tgt Ion: 58 Resp: 9071

Ion	Ratio	Lower	Upper
58	100		
43	309.5	223.1	334.7



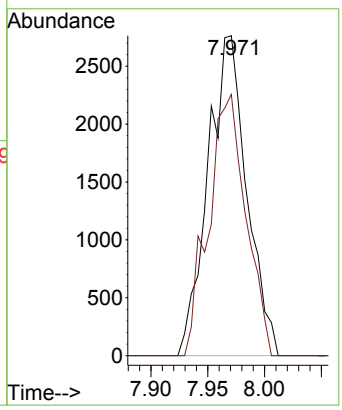


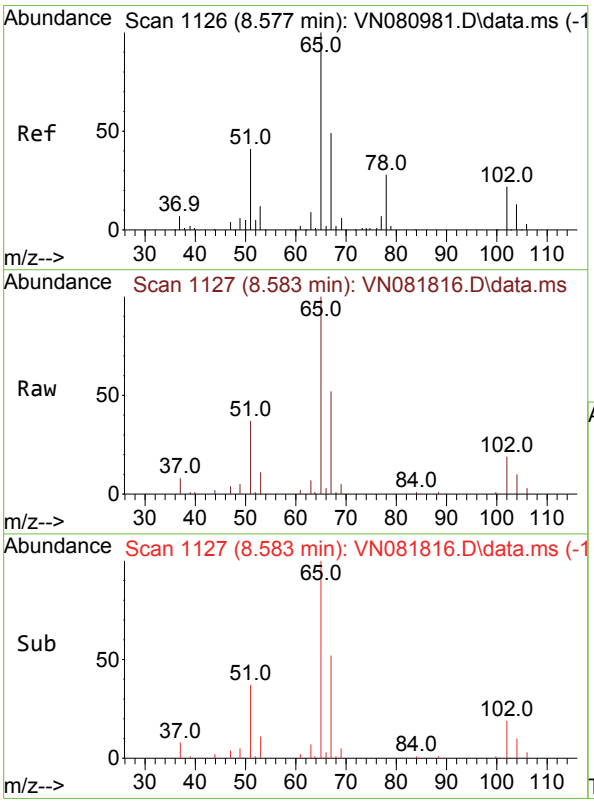
#25
Chloroform
Concen: 1.479 ug/l
RT: 7.971 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN081816.D
Acq: 19 Apr 2024 18:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 6556

Ion	Ratio	Lower	Upper
83	100		
85	81.7	50.9	76.3#

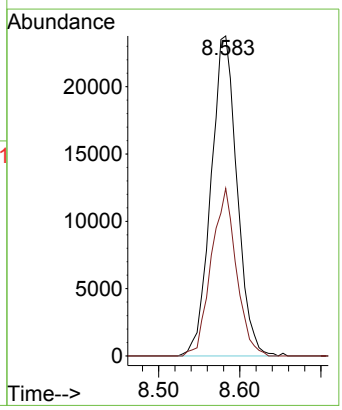


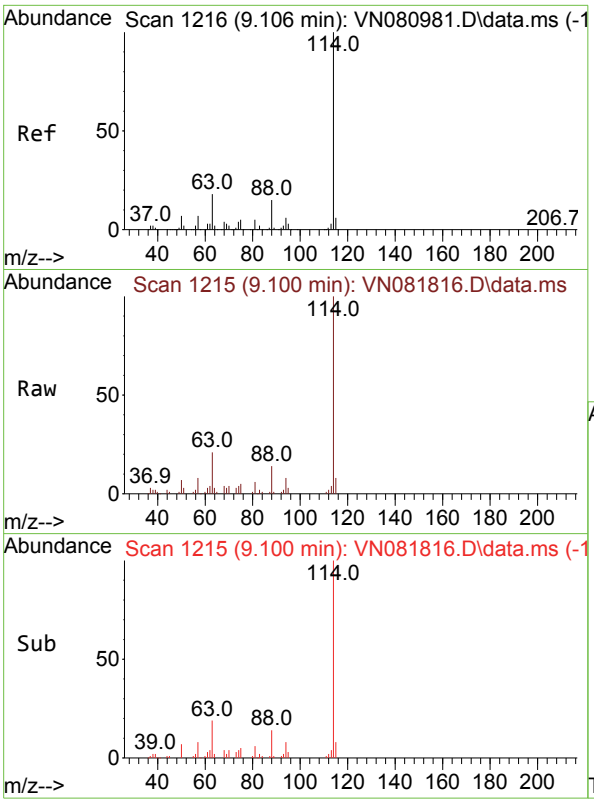


#27
1,2-Dichloroethane-d4
Concen: 27.370 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN081816.D
Acq: 19 Apr 2024 18:04

Tgt Ion: 65 Resp: 52988

Ion	Ratio	Lower	Upper
65	100		
67	49.9	43.2	64.8



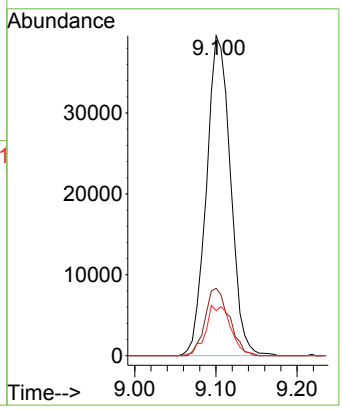


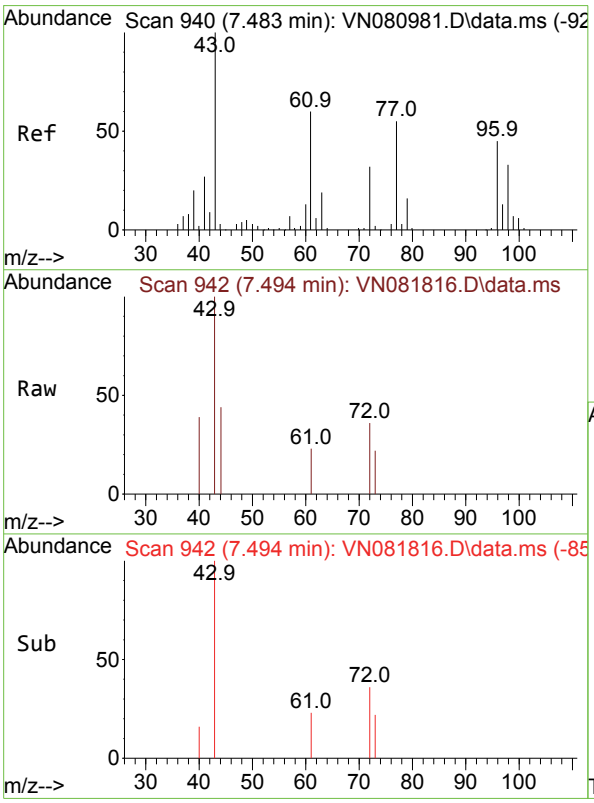
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN081816.D
Acq: 19 Apr 2024 18:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 81510

Ion	Ratio	Lower	Upper
114	100		
63	21.2	15.9	23.9
88	8.0	12.7	19.1#

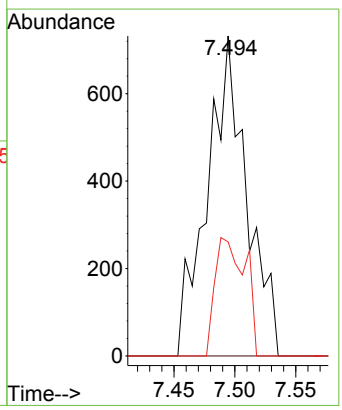


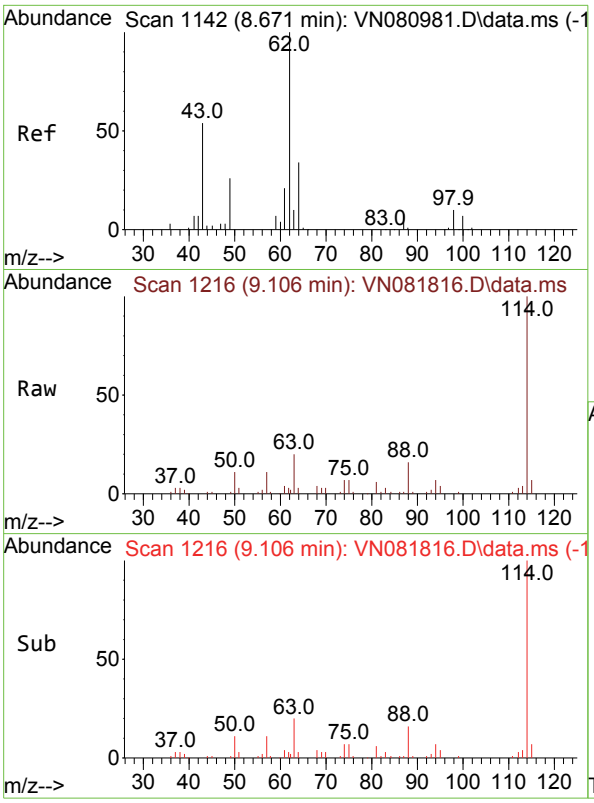


#30
2-Butanone
Concen: 2.022 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN081816.D
Acq: 19 Apr 2024 18:04

Tgt Ion: 43 Resp: 1655

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.7	10.1#
72	23.1	24.0	36.0#



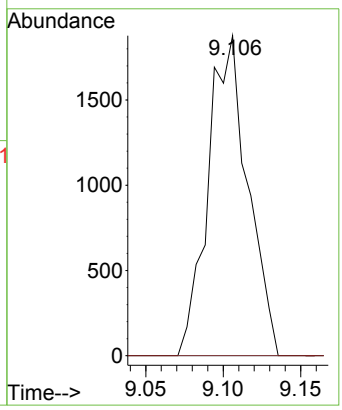


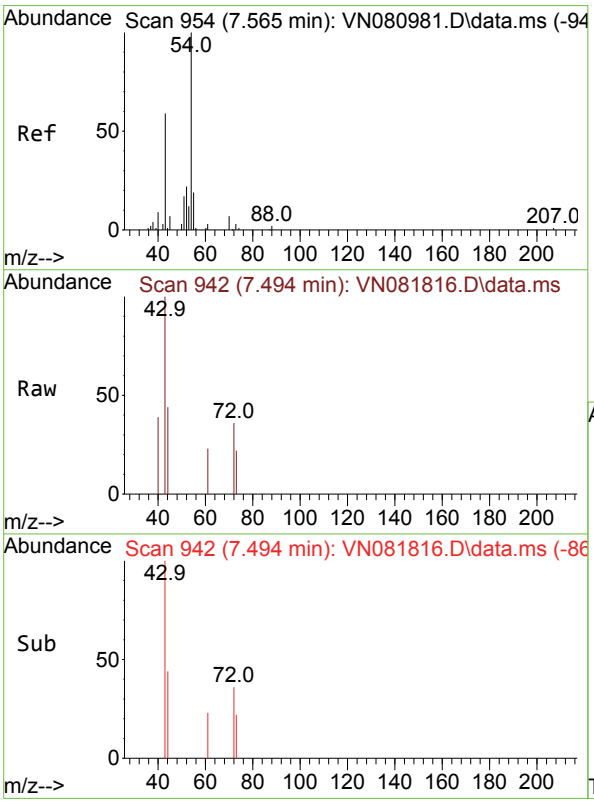
#36
1,2-Dichloroethane
Concen: 1.478 ug/l
RT: 9.106 min Scan# 1
Delta R.T. 0.435 min
Lab File: VN081816.D
Acq: 19 Apr 2024 18:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 62 Resp: 3346

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.2	12.4#

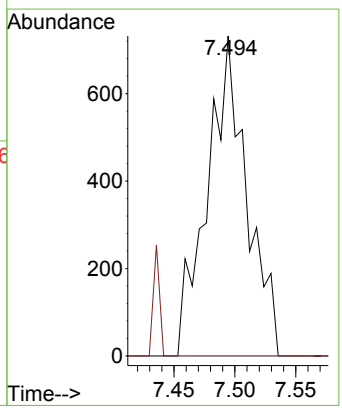


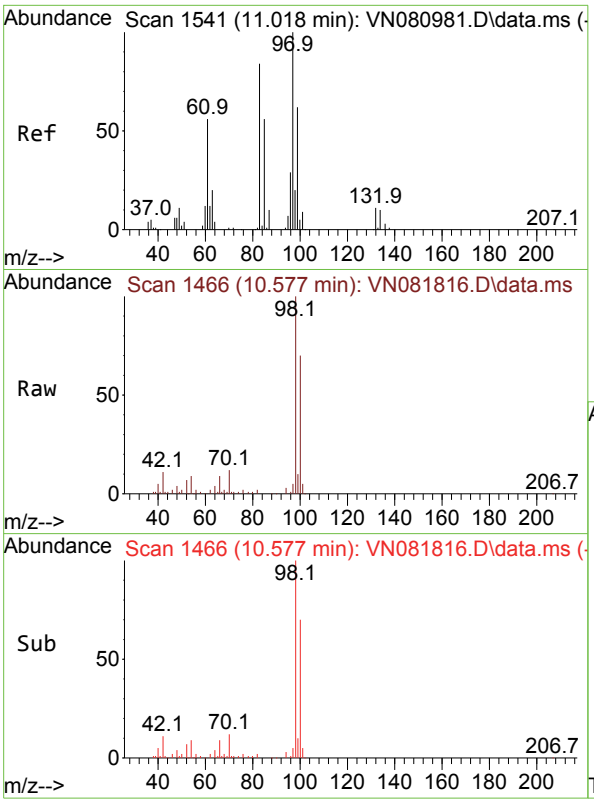


#43
Ethyl Acetate
Concen: 0.918 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.065 min
Lab File: VN081816.D
Acq: 19 Apr 2024 18:04

Tgt Ion: 43 Resp: 1655

Ion	Ratio	Lower	Upper
43	100		
45	0.0	10.6	15.8#



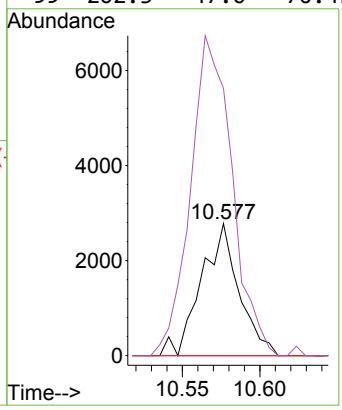


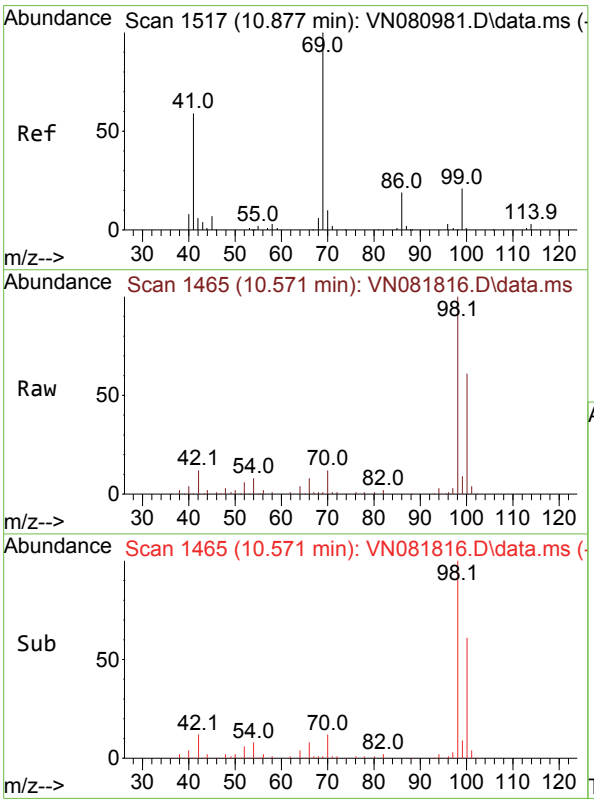
#50
1,1,2-Trichloroethane
Concen: 2.667 ug/l
RT: 10.577 min Scan# 14
Delta R.T. -0.441 min
Lab File: VN081816.D
Acq: 19 Apr 2024 18:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 97 Resp: 4582

Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.1	102.1#
85	0.0	41.8	62.6#
99	202.3	47.0	70.4#

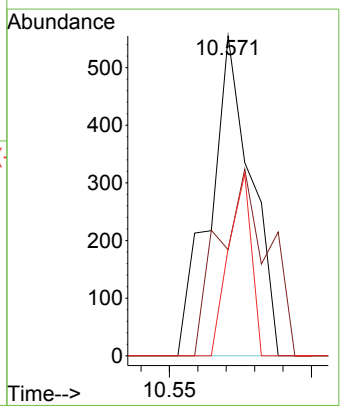


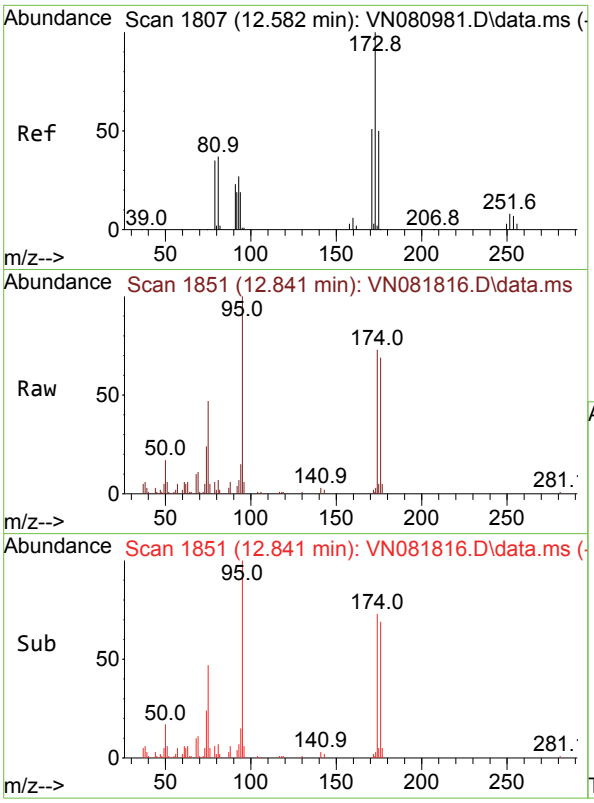


#51
Ethyl methacrylate
Concen: 0.234 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.306 min
Lab File: VN081816.D
Acq: 19 Apr 2024 18:04

Tgt Ion: 69 Resp: 560

Ion	Ratio	Lower	Upper
69	100		
41	33.2	25.5	76.5
39	33.5	16.0	47.9



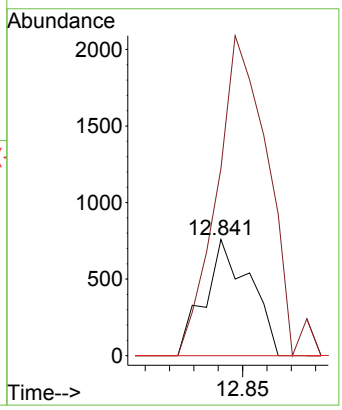


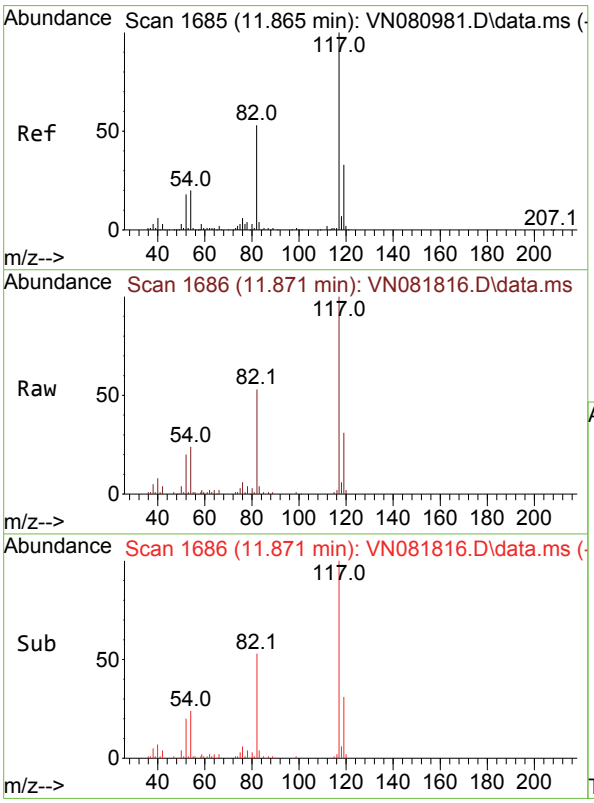
#56
Bromoform
Concen: 0.748 ug/l
RT: 12.841 min Scan# 1
Delta R.T. 0.259 min
Lab File: VN081816.D
Acq: 19 Apr 2024 18:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 981

Ion	Ratio	Lower	Upper
173	100		
175	303.5	40.0	60.0#
254	0.0	8.3	12.5#

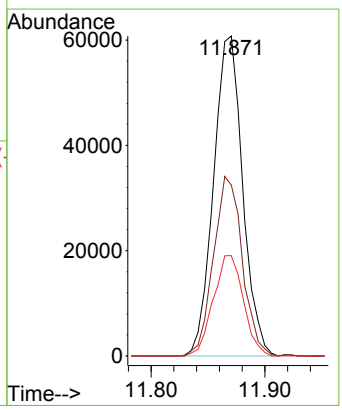


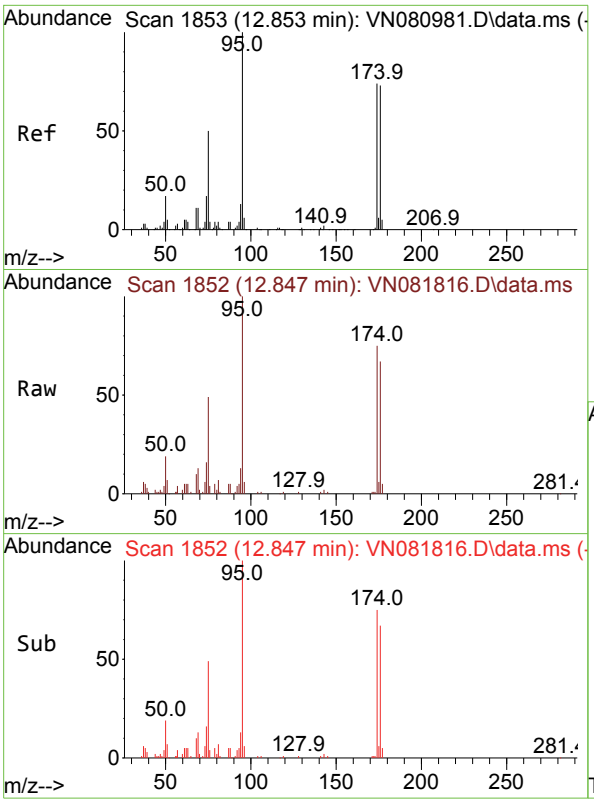


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081816.D
Acq: 19 Apr 2024 18:04

Tgt Ion:117 Resp: 108142

Ion	Ratio	Lower	Upper
117	100		
82	55.6	46.6	69.8
119	32.4	25.4	38.2



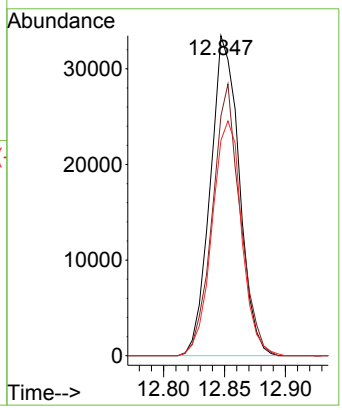


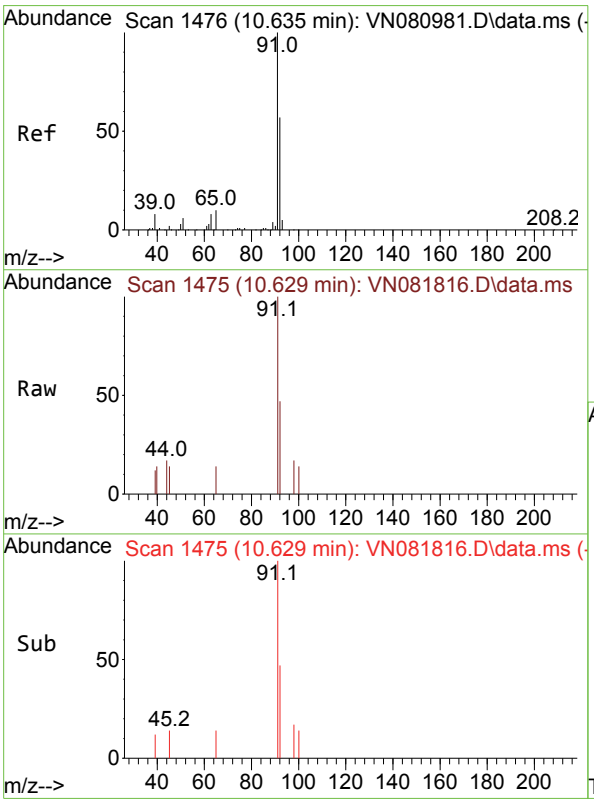
#60
4-Bromofluorobenzene
Concen: 25.978 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN081816.D
Acq: 19 Apr 2024 18:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 55233

Ion	Ratio	Lower	Upper
95	100		
174	81.7	60.5	90.7
176	75.4	57.8	86.6

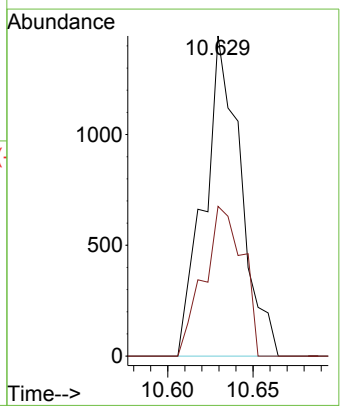


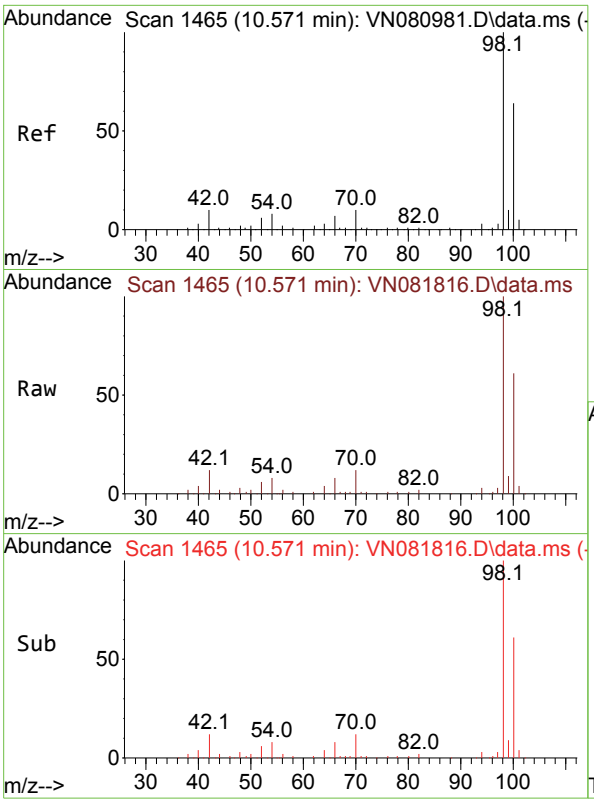


#62
Toluene
Concen: 0.273 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081816.D
Acq: 19 Apr 2024 18:04

Tgt Ion: 91 Resp: 2147

Ion	Ratio	Lower	Upper
91	100		
92	50.1	46.5	69.7



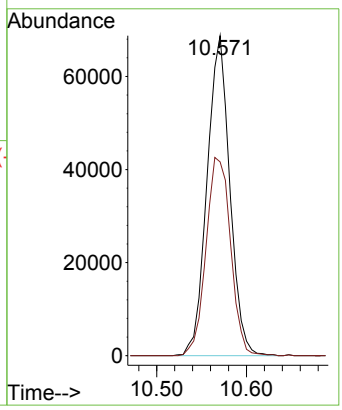


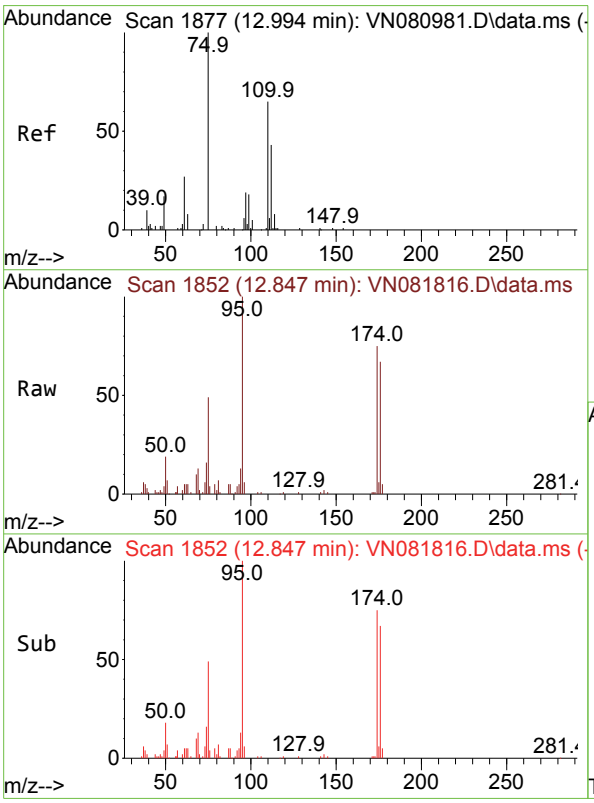
#63
Toluene-d8
Concen: 27.897 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN081816.D
Acq: 19 Apr 2024 18:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 121012

Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.7	79.1

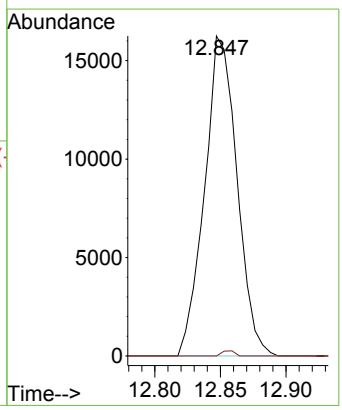


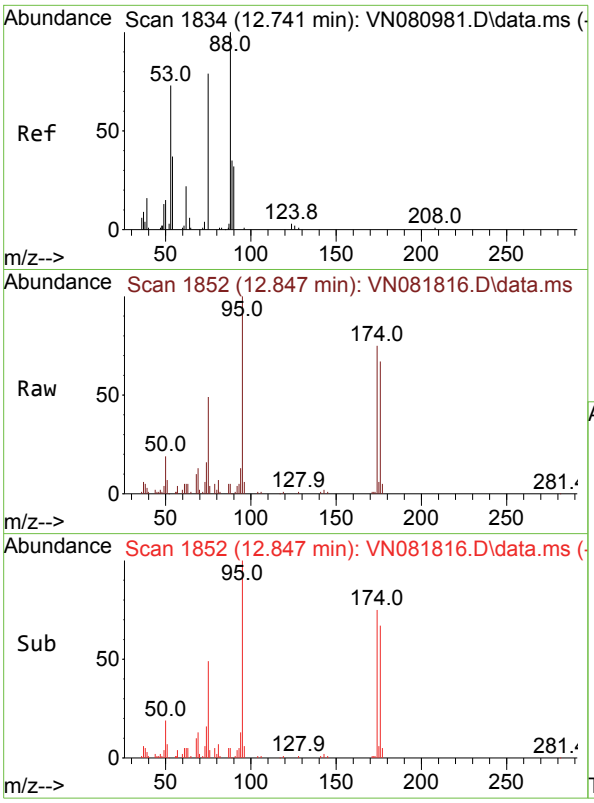


#72
1,2,3-Trichloropropane
Concen: 14.256 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081816.D
Acq: 19 Apr 2024 18:04

Tgt Ion: 75 Resp: 27977

Ion	Ratio	Lower	Upper
75	100		
77	0.6	0.0	367.6



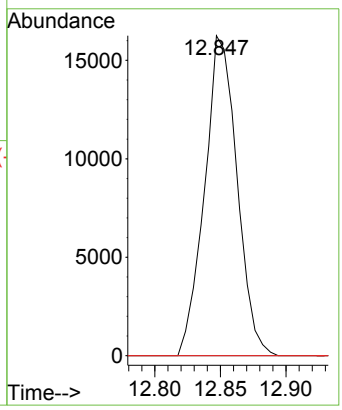


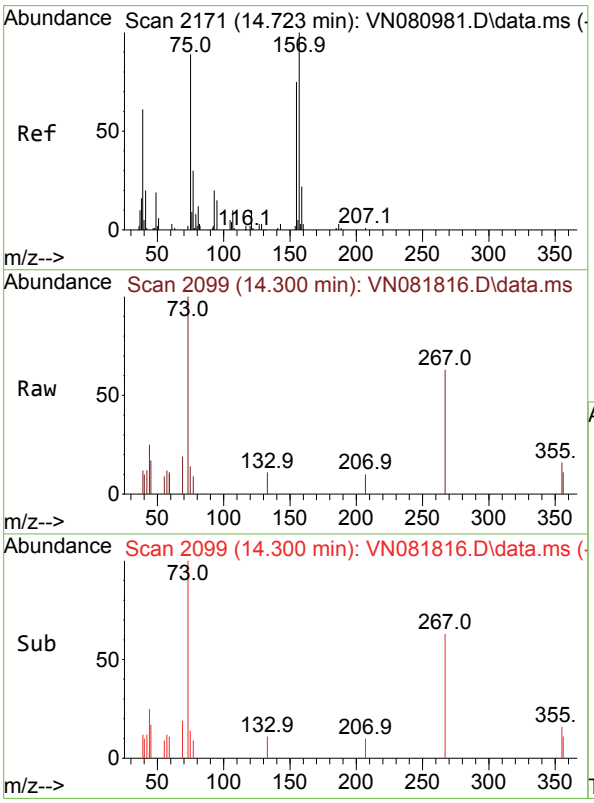
#77
t-1,4-Dichloro-2-butene
Concen: 34.423 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.106 min
Lab File: VN081816.D
Acq: 19 Apr 2024 18:04

Instrument :
MSVOA_N
ClientSampleId :

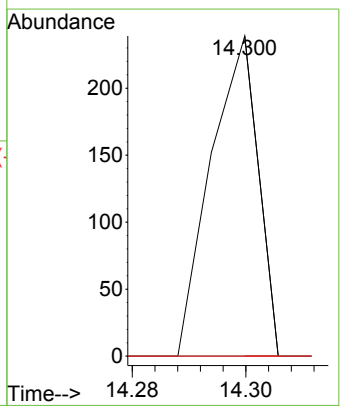
Tgt Ion: 75 Resp: 27977

Ion	Ratio	Lower	Upper
75	100		
53	0.0	45.9	137.7#
89	0.0	25.9	77.7#





#88
1,2-Dibromo-3-Chloropropane
Concen: 0.299 ug/l
RT: 14.300 min Scan# 2099
Delta R.T. -0.423 min
Lab File: VN081816.D
Acq: 19 Apr 2024 18:04

Tgt Ion: 75 Resp: 138

Ion	Ratio	Lower	Upper
75	100		
155	0.0	61.7	92.5#
157	0.0	83.6	125.4#