Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080123\
Data File : VN078727.D
Acq On : 01 Aug 2023 20:14
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Quant Time: Aug 02 04:28:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 02 04:20:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Bromochloromethane	7.512	128	196	30.000 ug/l	-0.31
28) 1,4-Difluorobenzene	8.865	114	602488	30.000 ug/l	-0.25
57) Chlorobenzene-d5	11.817	117	720036	30.000 ug/l	-0.05
System Monitoring Compounds					
27) 1,2-Dichloroethane-d4	8.265	65	264367	17993.971 ug/l	-0.32
Spiked Amount 30.000	Range 91 - 110		Recovery = 59979.900%#		
60) 4-Bromofluorobenzene	12.829	95	291277	26.993 ug/l	-0.02
Spiked Amount 30.000	Range 63 - 112		Recovery = 89.967%		
63) Toluene-d8	10.453	98	832175	23.396 ug/l	-0.12
Spiked Amount 30.000	Range 91 - 112		Recovery = 78.000%#		
Target Compounds					Qvalue
3) Chloromethane	2.277	50	173	11.368 ug/l #	44
4) Vinyl Chloride	2.189	62	115	5.561 ug/l #	46
6) Chloroethane	3.342	64	1016	75.432 ug/l #	1
7) Trichlorofluoromethane	3.377	101	160217	7552.077 ug/l	93
12) Methyl Acetate	4.883	43	99734	5631.080 ug/l	96
13) Acrolein	4.024	56	242	128.308 ug/l #	13
14) Acrylonitrile	5.494	53	247	47.625 ug/l #	16
15) Acetone	4.036	58	214	142.413 ug/l	97
16) Carbon Disulfide	4.189	76	208	6.743 ug/l #	74
17) Allyl chloride	4.788	41	543	36.420 ug/l #	1
19) trans-1,2-Dichloroethene	5.841	96	504	39.920 ug/l #	1
20) Diisopropyl ether	6.365	45	157	4.677 ug/l #	53
21) 1,1-Dichloroethane	6.141	63	128	5.758 ug/l #	84
22) cis-1,2-Dichloroethene	6.965	96	201188	14189.394 ug/l	99
23) tert-Butyl Alcohol	5.106	59	155	73.137 ug/l #	1
24) Methyl tert-Butyl Ether	5.259	73	236	6.427 ug/l #	46
25) Chloroform	7.694	83	132	5.609 ug/l	86
26) Cyclohexane	7.977	56	262699	16043.550 ug/l #	3
29) 1,1-Dichloropropene	8.029	75	193620	21.841 ug/l	98
32) 1,1,1-Trichloroethane	7.788	97	276379	24.641 ug/l	97
33) Carbon Tetrachloride	8.006	117	222559	22.341 ug/l	94
34) Benzene	8.294	78	592871	22.263 ug/l	98
35) Methacrylonitrile	7.341	41	81144	21.085 ug/l	85
36) 1,2-Dichloroethane	8.376	62	208177	22.259 ug/l	99
38) Methylcyclohexane	9.406	83	218301	23.966 ug/l	97
40) Dibromomethane	9.529	93	118239	23.930 ug/l	96
41) Bromodichloromethane	9.729	83	208115	21.068 ug/l	95
45) 1,4-Dioxane	9.623	88	701	5.995 ug/l #	1
46) Methyl methacrylate	9.518	41	137959	23.700 ug/l	96
47) n-amyl Acetate	12.476	43	237465	24.256 ug/l	98
49) cis-1,3-Dichloropropene	10.188	75	310403	27.720 ug/l	97
50) 1,1,2-Trichloroethane	10.935	97	145127	20.749 ug/l	98
51) Ethyl methacrylate	10.794	69	238479	24.904 ug/l	89
52) 1,3-Dichloropropane	11.088	76	323412	25.727 ug/l	100
53) Dibromochloromethane	11.294	129	157542	19.939 ug/l	97
54) 1,2-Dibromoethane	11.400	107	144542	20.581 ug/l	99
55) 2-Chloroethyl vinyl ether	10.029	63	337640	110.654 ug/l	100
56) Bromoform	12.547	173	127943	24.747 ug/l	96
58) 4-Methyl-2-Pentanone	10.335	43	1001940	92.967 ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080123\
Data File : VN078727.D
Acq On : 01 Aug 2023 20:14
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Quant Time: Aug 02 04:28:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 02 04:20:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
59) 2-Hexanone	11.129	43	713516	87.438 ug/l	100
61) Tetrachloroethene	11.018	164	123926	13.089 ug/l	97
62) Toluene	10.523	91	635793	14.680 ug/l	100
64) Chlorobenzene	11.841	112	504314	19.944 ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.917	131	198075	19.862 ug/l	99
66) Ethyl Benzene	11.923	91	881836	20.202 ug/l	98
67) m/p-Xylenes	12.029	106	660044	39.586 ug/l	100
68) o-Xylene	12.364	106	290240	17.107 ug/l	96
69) Styrene	12.382	104	444100	16.269 ug/l	99
70) Isopropylbenzene	12.670	105	756496	18.024 ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.923	83	244313	17.920 ug/l	99
72) 1,2,3-Trichloropropane	12.976	75	277165	24.234 ug/l	58
73) Bromobenzene	12.959	156	169681	16.494 ug/l	98
74) n-propylbenzene	13.017	91	725989	15.606 ug/l	100
75) 2-Chlorotoluene	13.106	91	449289	13.985 ug/l	100
76) 1,3,5-Trimethylbenzene	13.159	105	510668	13.628 ug/l	98
77) t-1,4-Dichloro-2-butene	12.717	75	64370	16.104 ug/l	82
78) 4-Chlorotoluene	13.206	91	391422	12.619 ug/l	99
79) tert-butylbenzene	13.429	119	399298	12.380 ug/l	96
80) 1,2,4-Trimethylbenzene	13.476	105	435617	12.172 ug/l	100
81) sec-Butylbenzene	13.606	105	457902	11.076 ug/l	99
82) p-Isopropyltoluene	13.723	119	357315	10.528 ug/l	99
83) 1,3-Dichlorobenzene	13.723	146	195980	10.743 ug/l	97
84) 1,4-Dichlorobenzene	13.806	146	182574	10.690 ug/l	99
85) n-Butylbenzene	14.053	91	243792	10.359 ug/l	99
86) Hexachloroethane	14.329	117	77095	12.467 ug/l	96
87) 1,2-Dichlorobenzene	14.100	146	195047	11.424 ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.717	75	24970	10.785 ug/l	94
89) 1,2,4-Trichlorobenzene	15.394	180	46802	9.608 ug/l	98
90) Hexachlorobutadiene	15.500	225	42967	11.578 ug/l	97
91) Naphthalene	15.641	128	124909	8.464 ug/l	97
92) 1,2,3-Trichlorobenzene	15.841	180	56042	10.109 ug/l	98

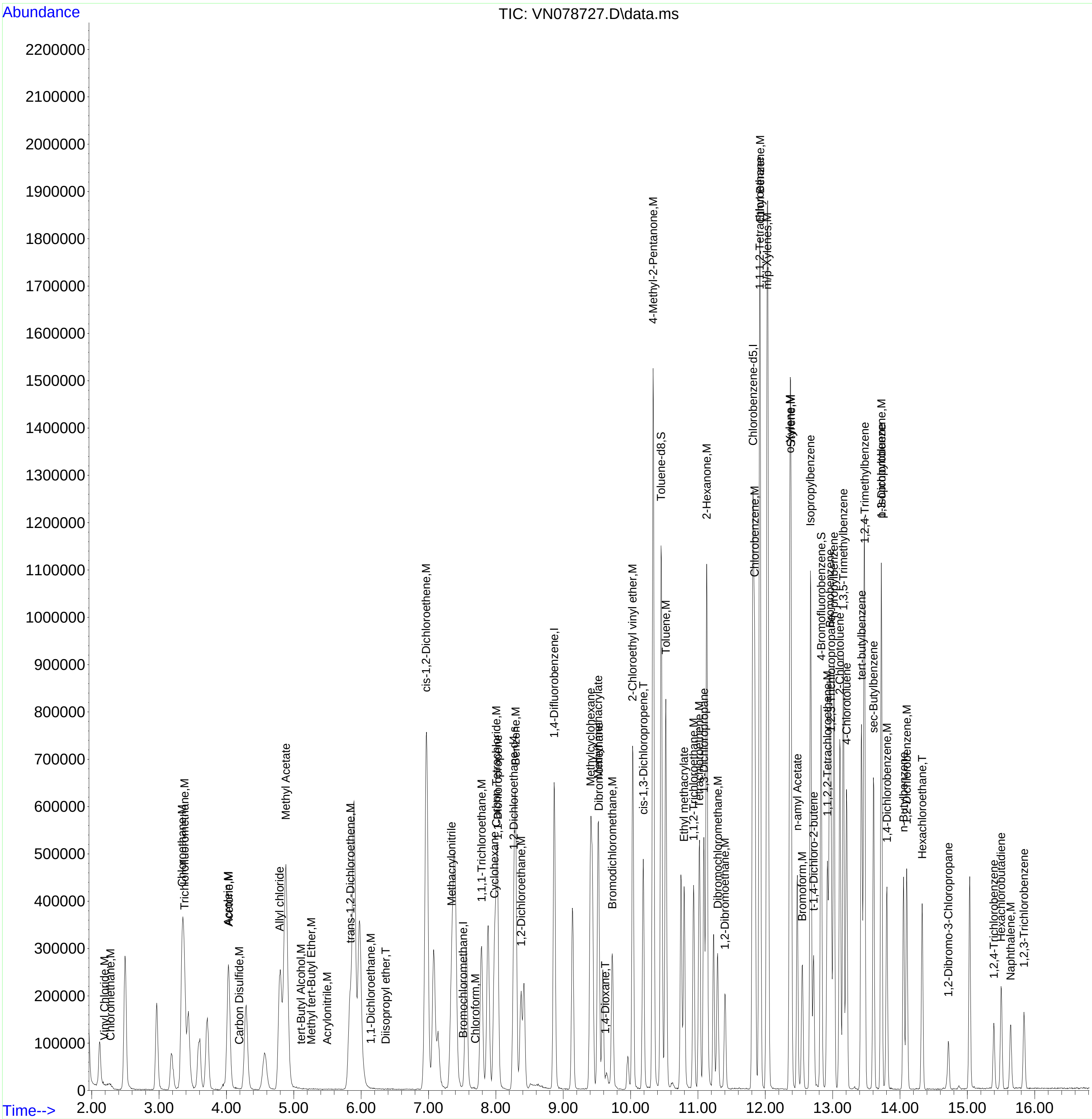
(#) = qualifier out of range (m) = manual integration (+) = signals summed

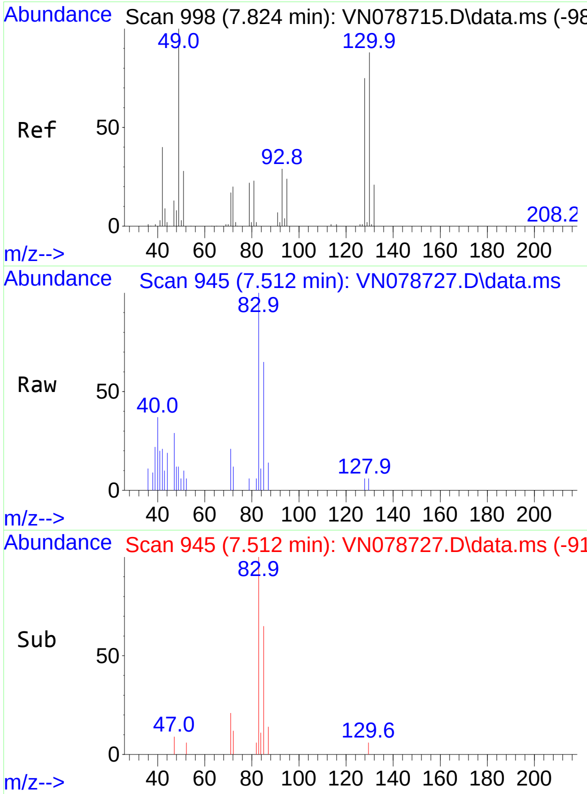
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080123\
Data File : VN078727.D
Acq On : 01 Aug 2023 20:14
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Quant Time: Aug 02 04:28:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 02 04:20:43 2023
Response via : Initial Calibration



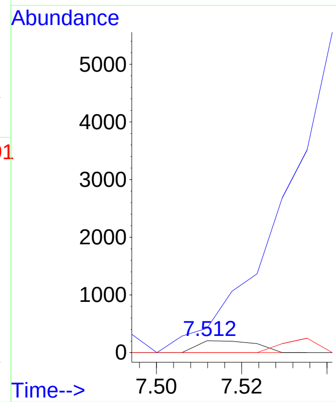


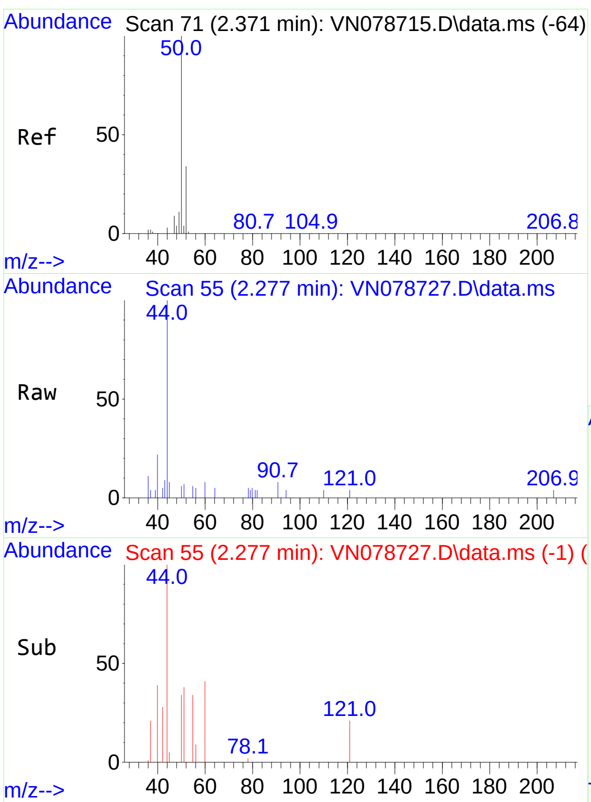
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.512 min Scan# 94
Delta R.T. -0.312 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 196

Ion	Ratio	Lower	Upper
128	100		
49	93.9	0.0	370.8
130	73.0	0.0	307.0

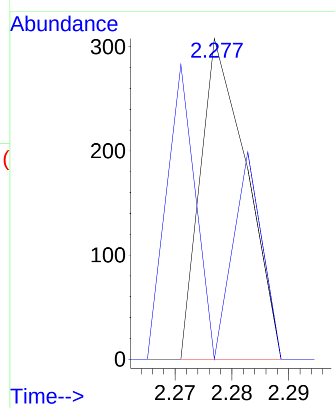


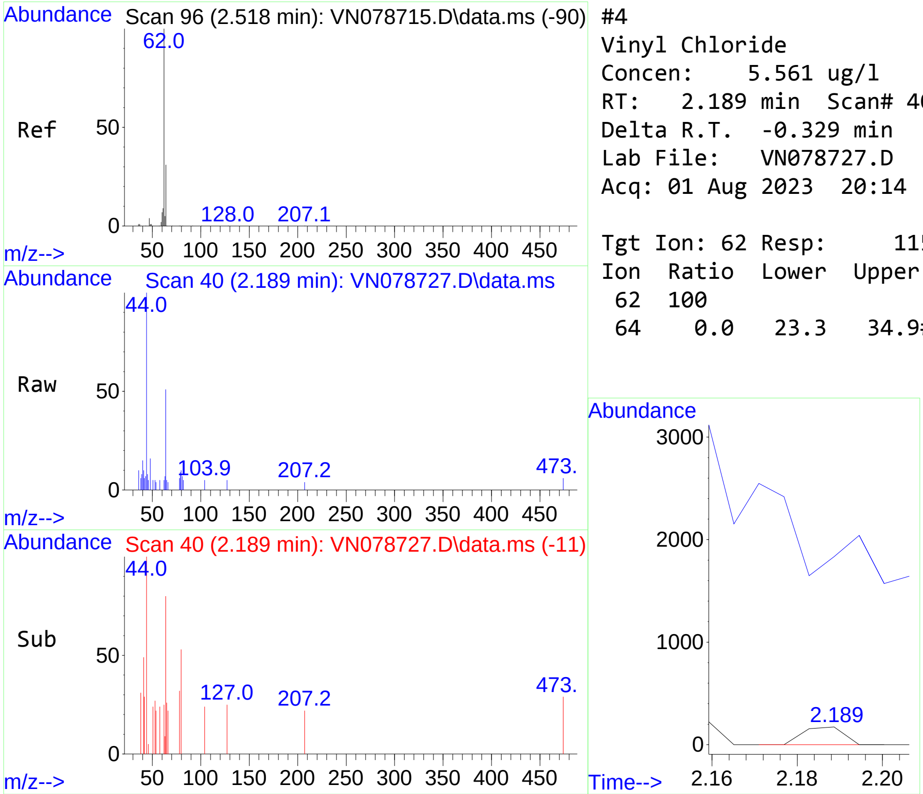


#3
Chloromethane
Concen: 11.368 ug/l
RT: 2.277 min Scan# 55
Delta R.T. -0.094 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 50 Resp: 173

Ion	Ratio	Lower	Upper
50	100		
52	0.0	24.6	36.8#



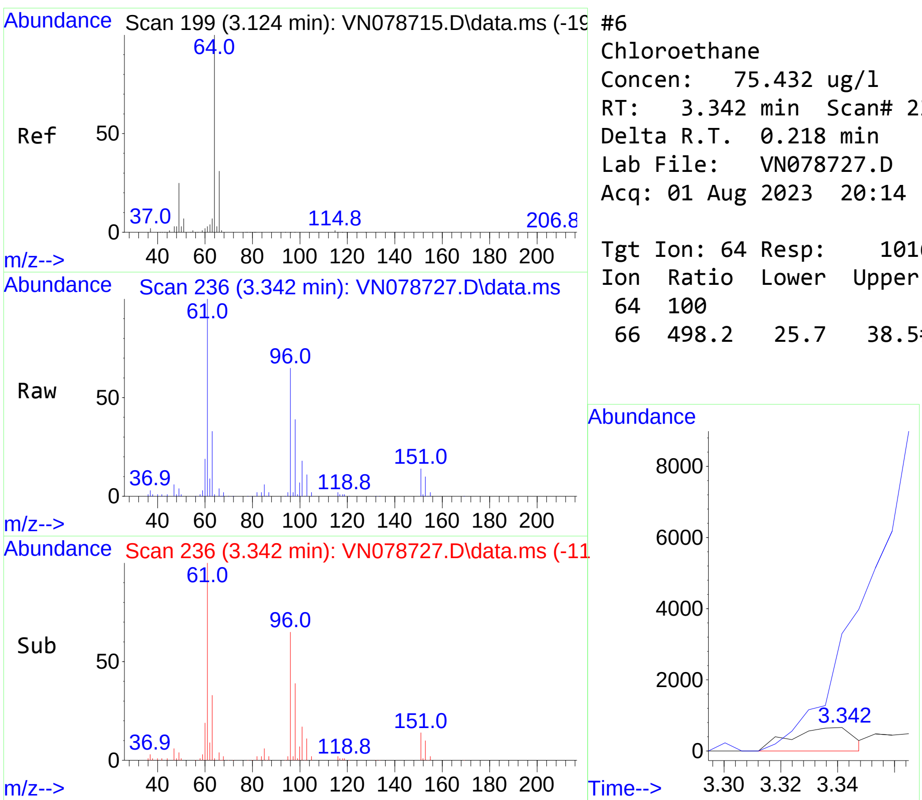


#4
Vinyl Chloride
Concen: 5.561 ug/l
RT: 2.189 min Scan# 40
Delta R.T. -0.329 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument : MSVOA_N
ClientSampleId : VSTDCCC020EC

Tgt Ion: 62 Resp: 115

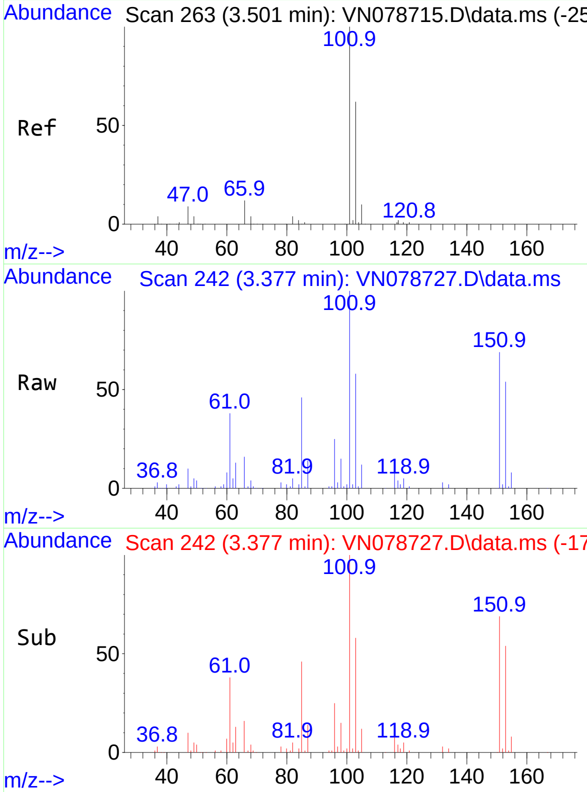
Ion	Ratio	Lower	Upper
62	100		
64	0.0	23.3	34.9#



#6
Chloroethane
Concen: 75.432 ug/l
RT: 3.342 min Scan# 236
Delta R.T. 0.218 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 64 Resp: 1016

Ion	Ratio	Lower	Upper
64	100		
66	498.2	25.7	38.5#

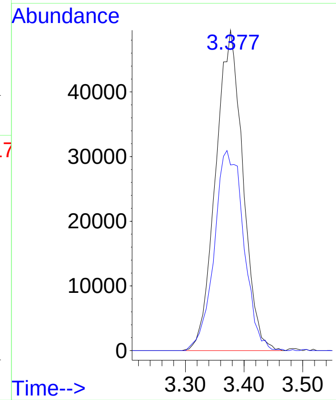


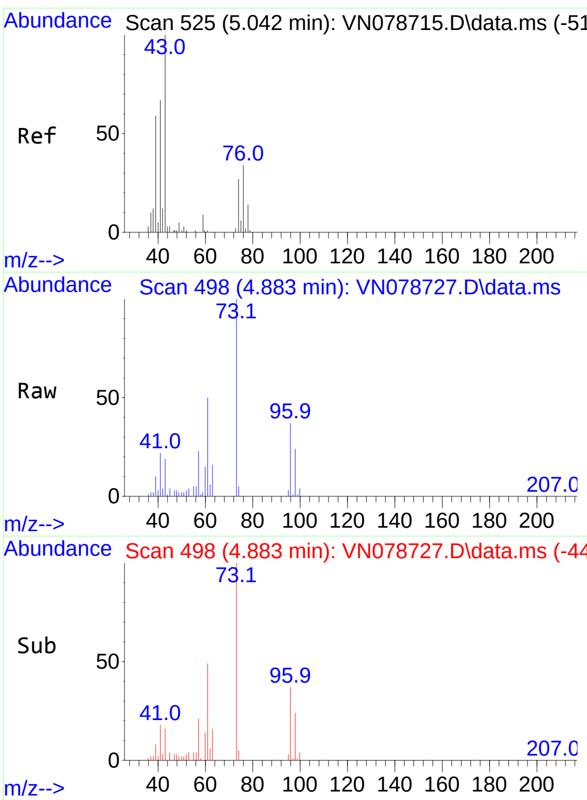
#7
Trichlorofluoromethane
Concen: 7552.077 ug/l
RT: 3.377 min Scan# 24
Delta R.T. -0.124 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 160217

Ion	Ratio	Lower	Upper
101	100		
103	57.9	50.4	75.6

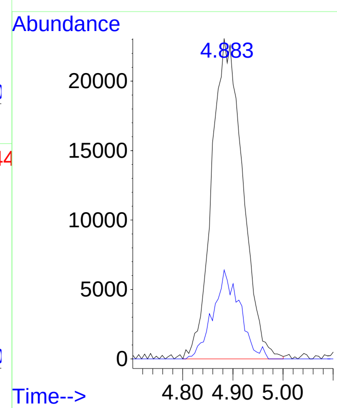


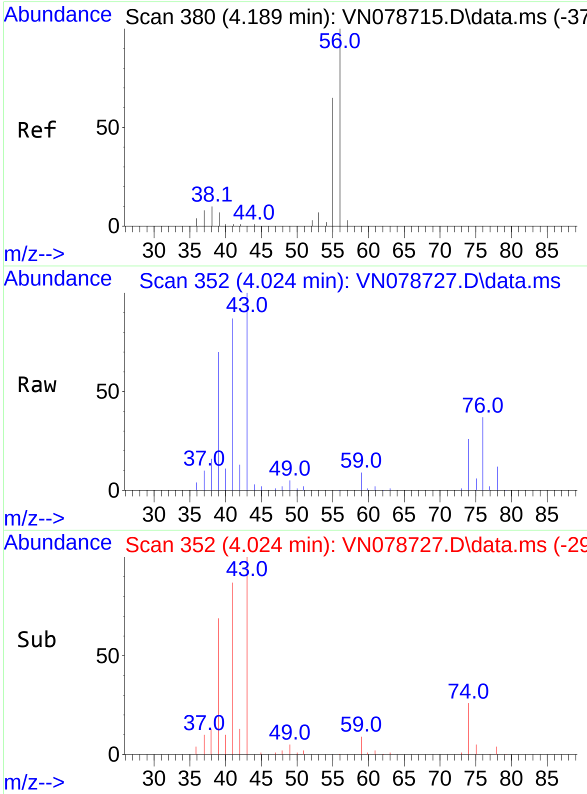


#12
Methyl Acetate
Concen: 5631.080 ug/l
RT: 4.883 min Scan# 498
Delta R.T. -0.159 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 43 Resp: 99734

Ion	Ratio	Lower	Upper
43	100		
74	27.8	20.5	30.7





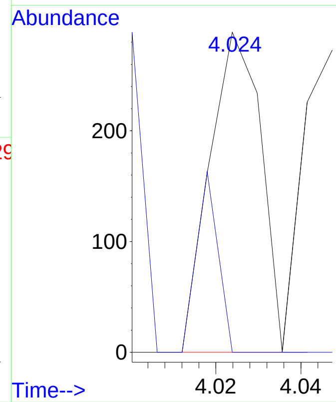
#13
Acrolein
Concen: 128.308 ug/l
RT: 4.024 min Scan# 3

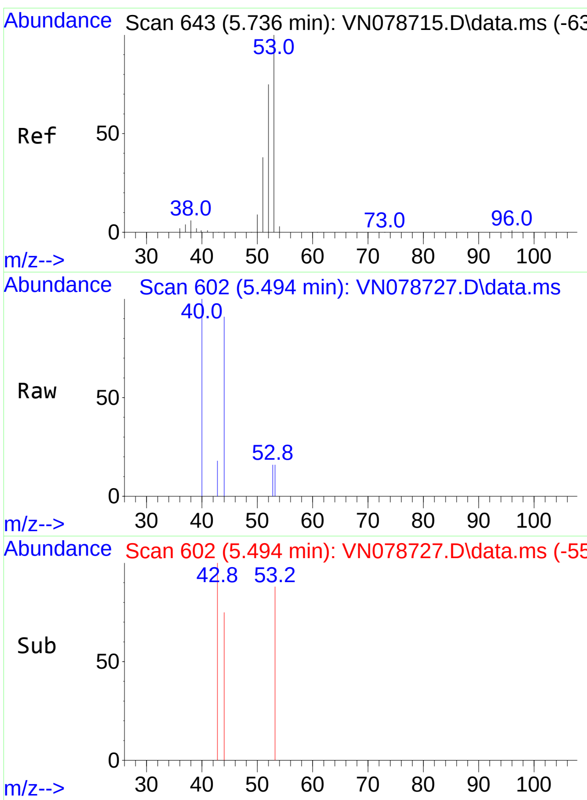
Delta R.T. -0.165 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 56 Resp: 242

Ion	Ratio	Lower	Upper
56	100		
55	0.0	59.0	88.4#

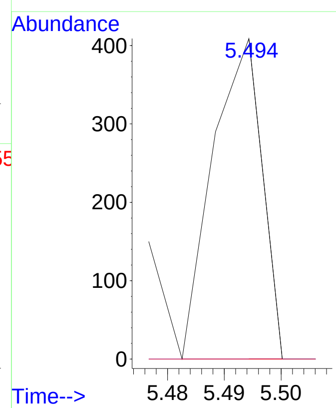


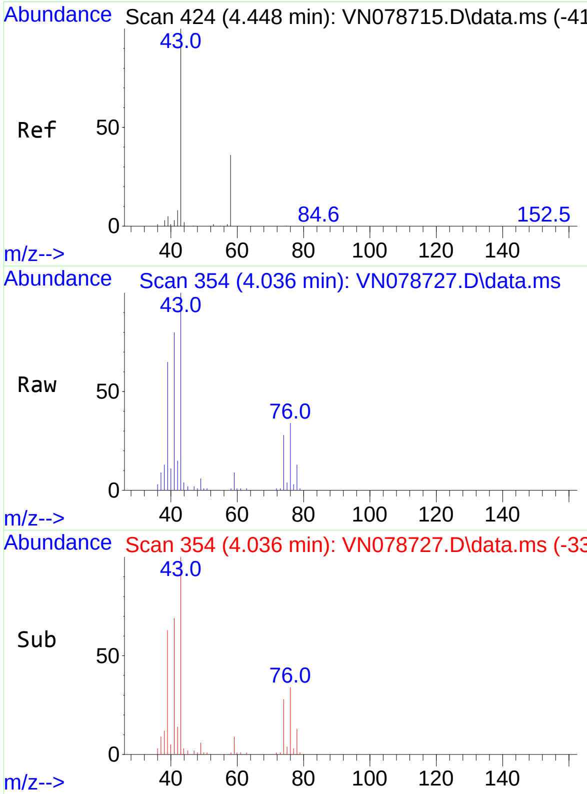


#14
Acrylonitrile
Concen: 47.625 ug/l
RT: 5.494 min Scan# 602
Delta R.T. -0.242 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 53 Resp: 247

Ion	Ratio	Lower	Upper
53	100		
52	0.0	42.3	126.9#
51	0.0	18.4	55.4#





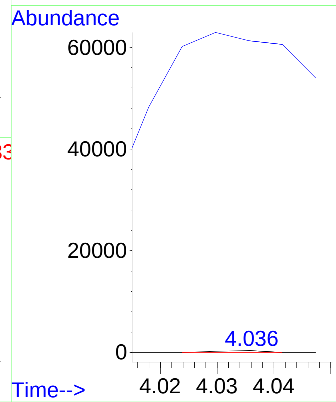
#15
Acetone
Concen: 142.413 ug/l
RT: 4.036 min Scan# 3

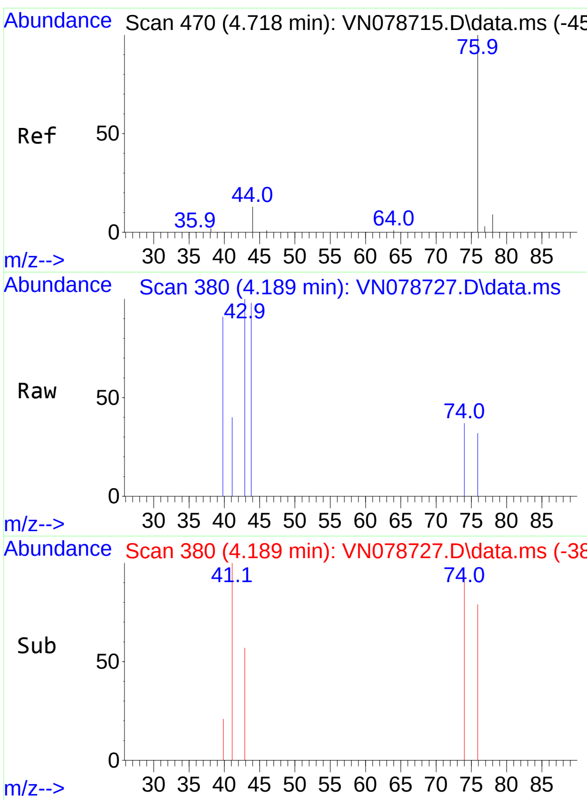
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Delta R.T. -0.412 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 58 Resp: 214

Ion	Ratio	Lower	Upper
58	100		
43	290.4	227.5	341.3

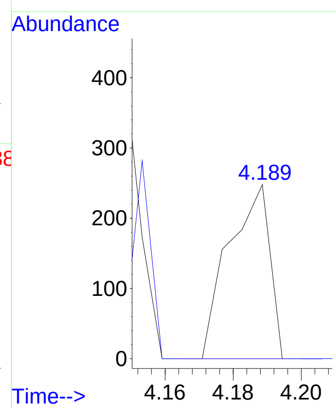


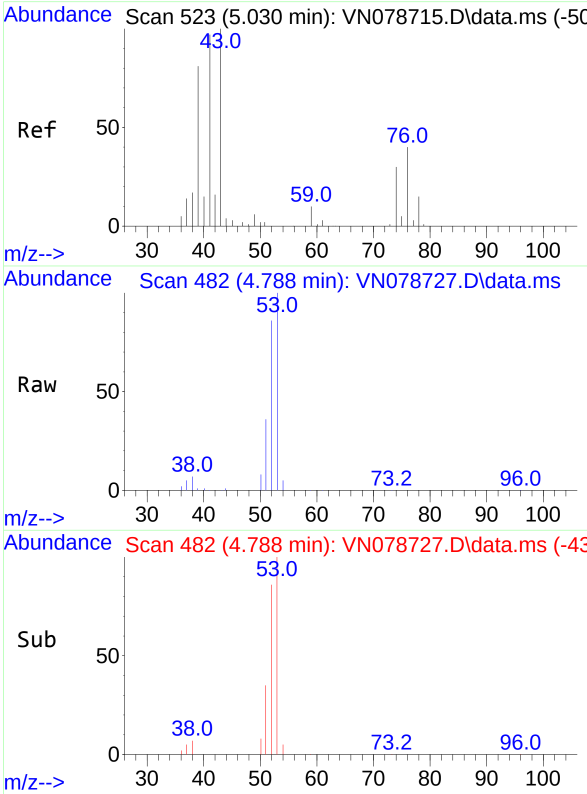


#16
Carbon Disulfide
Concen: 6.743 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.529 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 76 Resp: 208

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.7	11.5#



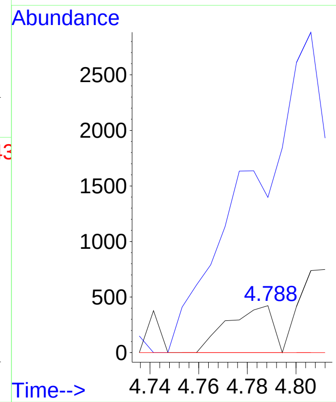


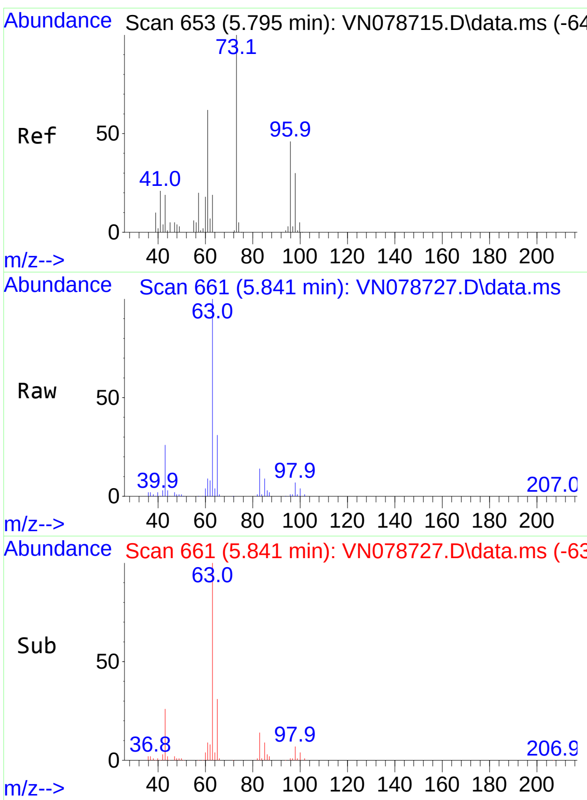
#17
Allyl chloride
Concen: 36.420 ug/l
RT: 4.788 min Scan# 4
Delta R.T. -0.242 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 41 Resp: 543

Ion	Ratio	Lower	Upper
41	100		
39	233.3	37.6	112.8#
76	0.0	23.8	71.4#

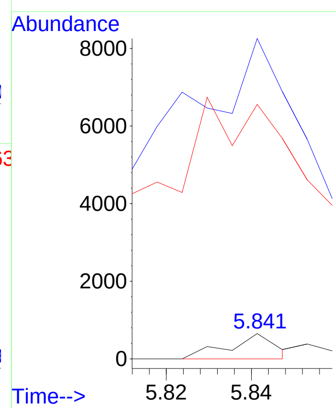


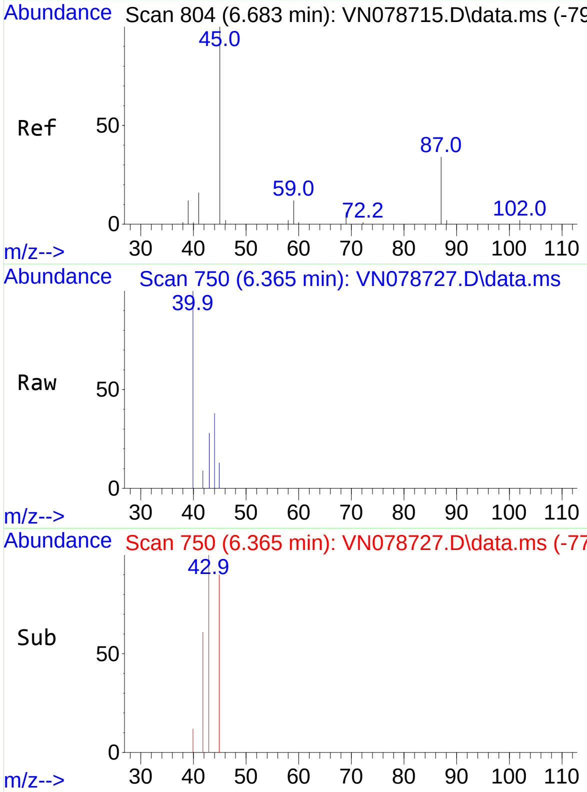


#19
trans-1,2-Dichloroethene
Concen: 39.920 ug/l
RT: 5.841 min Scan# 661
Delta R.T. 0.046 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 96 Resp: 504

Ion	Ratio	Lower	Upper
96	100		
61	212.3	105.2	157.8#
98	348.3	50.5	75.7#



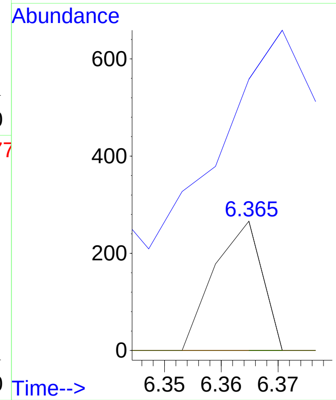


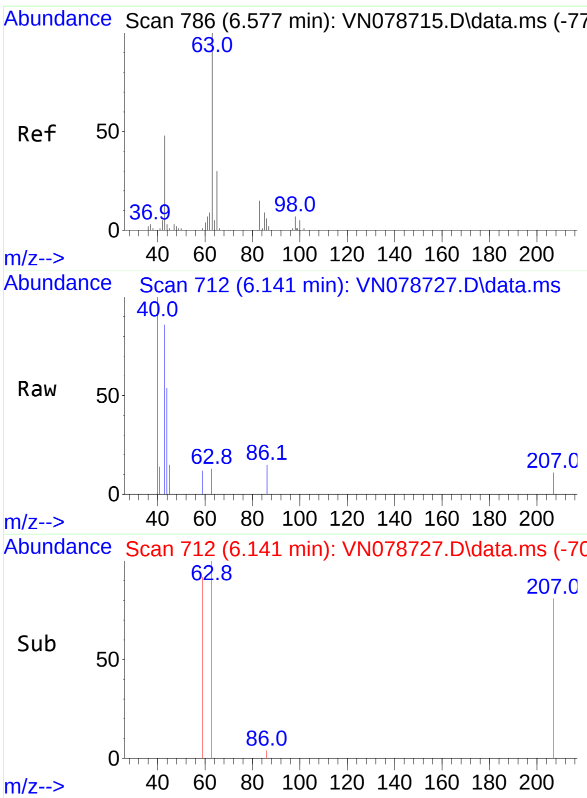
#20
Diisopropyl ether
Concen: 4.677 ug/l
RT: 6.365 min   Scan# 7
Delta R.T.   -0.318 min
Lab File: VN078727.D
Acq: 01 Aug 2023   20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 45 Resp: 157

Ion	Ratio	Lower	Upper
45	100		
43	86.8	43.6	65.4#
87	0.0	25.8	38.6#
59	0.0	10.6	16.0#

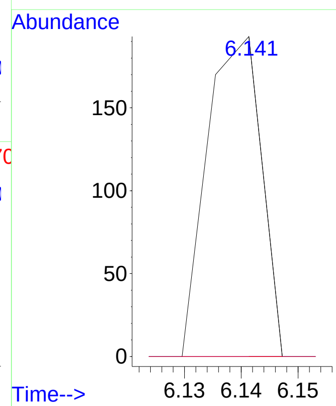


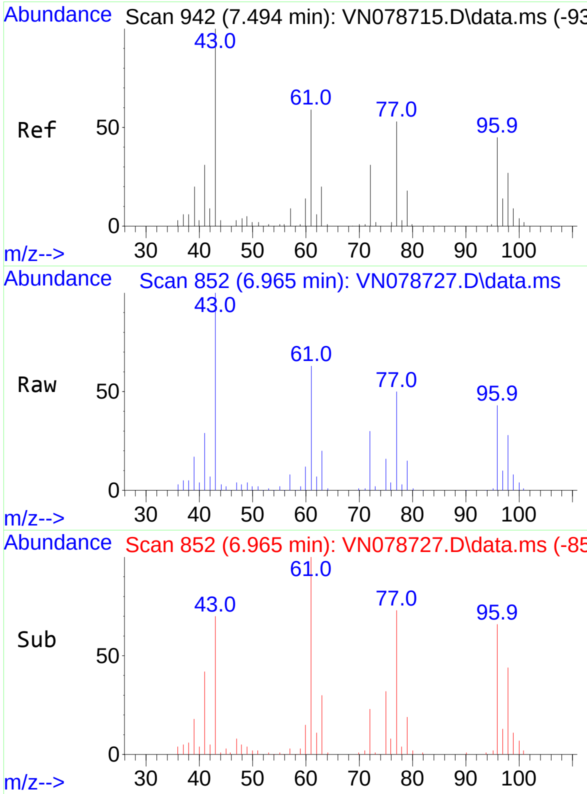


#21
1,1-Dichloroethane
Concen: 5.758 ug/l
RT: 6.141 min   Scan# 712
Delta R.T.   -0.436 min
Lab File: VN078727.D
Acq: 01 Aug 2023   20:14

Tgt Ion: 63 Resp: 128

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.7	8.1#
100	0.0	2.5	7.4#



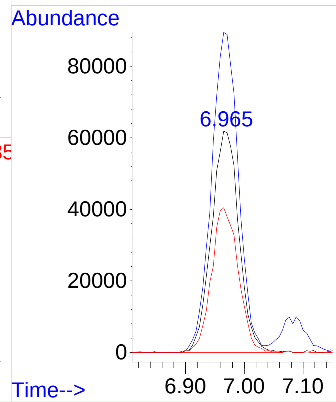


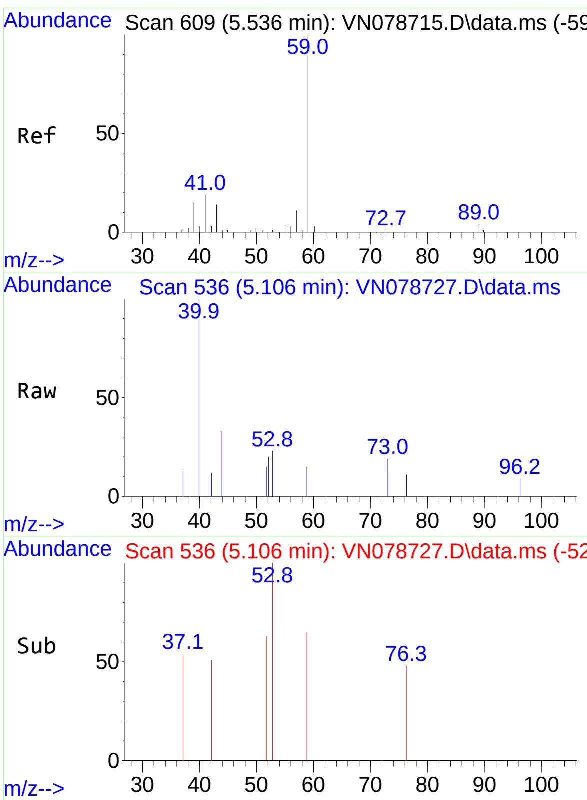
#22
cis-1,2-Dichloroethene
Concen: 14189.394 ug/l
RT: 6.965 min Scan# 8
Delta R.T. -0.529 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 96 Resp: 201188

Ion	Ratio	Lower	Upper
96	100		
61	142.1	113.8	170.6
98	64.1	52.2	78.4

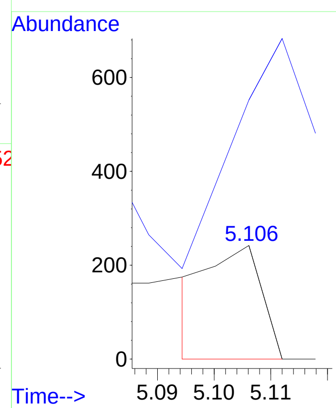


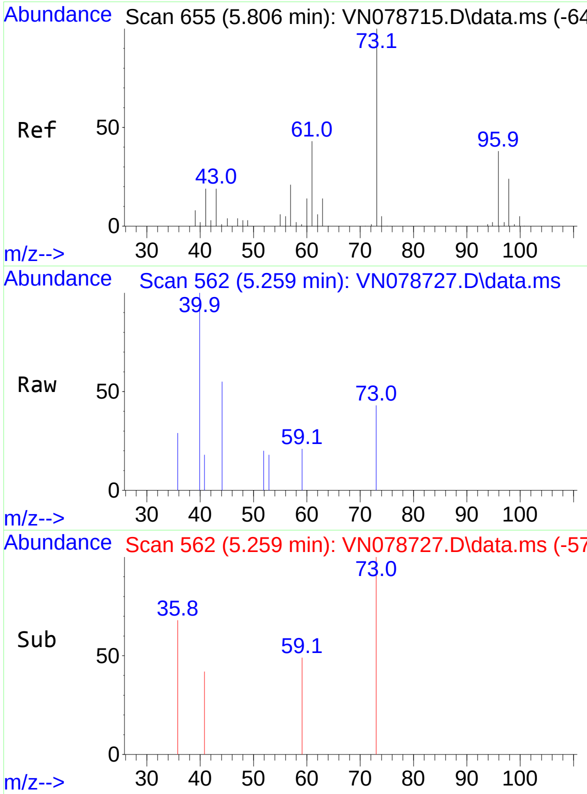


#23
tert-Butyl Alcohol
Concen: 73.137 ug/l
RT: 5.106 min Scan# 536
Delta R.T. -0.430 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 59 Resp: 155

Ion	Ratio	Lower	Upper
59	100		
52	341.3	0.1	0.1#





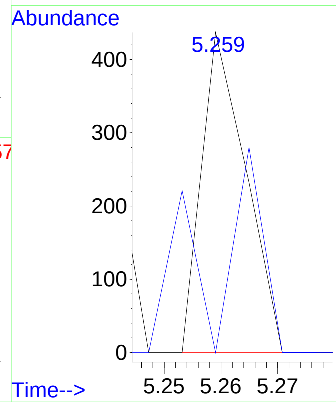
#24
Methyl tert-Butyl Ether
Concen: 6.427 ug/l
RT: 5.259 min   Scan# 5

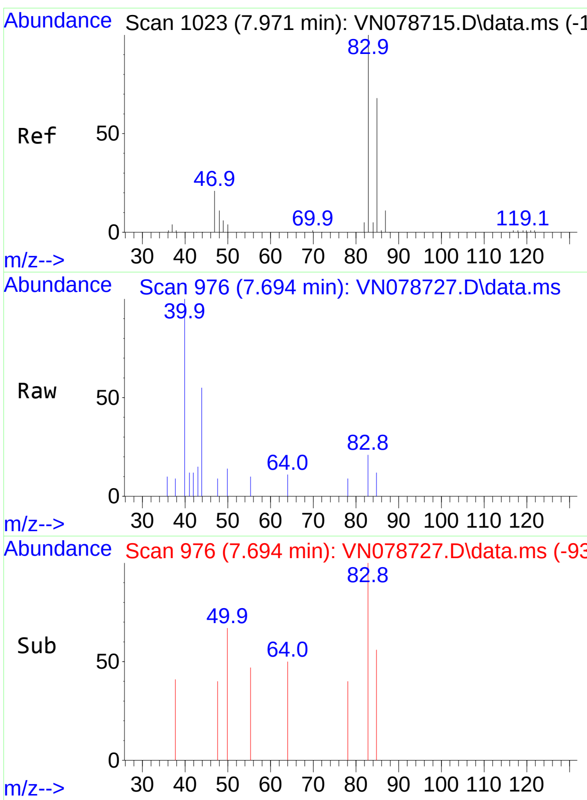
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Delta R.T.   -0.547 min
Lab File: VN078727.D
Acq: 01 Aug 2023   20:14

Tgt Ion: 73 Resp: 236

Ion	Ratio	Lower	Upper
73	100		
43	41.9	14.5	21.7#

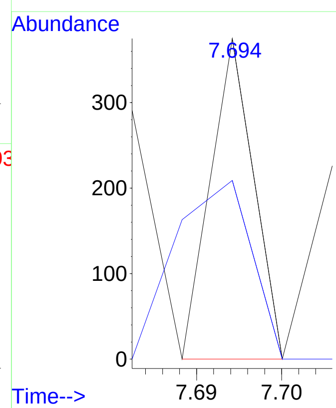


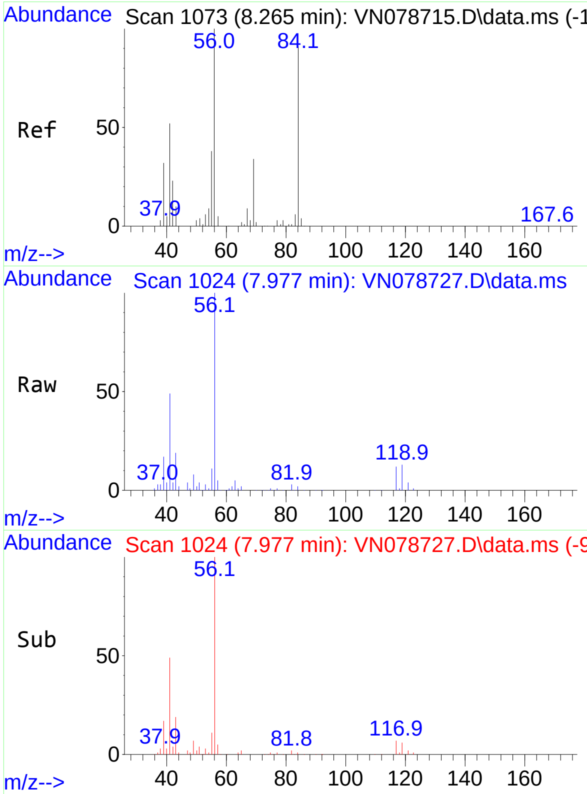


#25
Chloroform
Concen: 5.609 ug/l
RT: 7.694 min   Scan# 976
Delta R.T.   -0.277 min
Lab File: VN078727.D
Acq: 01 Aug 2023   20:14

Tgt Ion: 83 Resp: 132

Ion	Ratio	Lower	Upper
83	100		
85	55.7	53.4	80.0





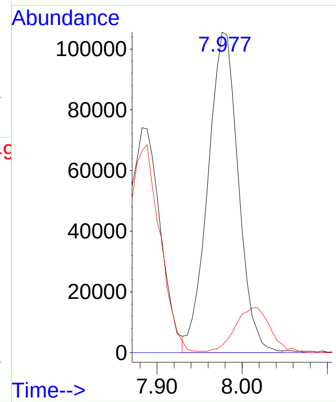
#26
Cyclohexane
Concen: 16043.550 ug/l
RT: 7.977 min Scan# 10

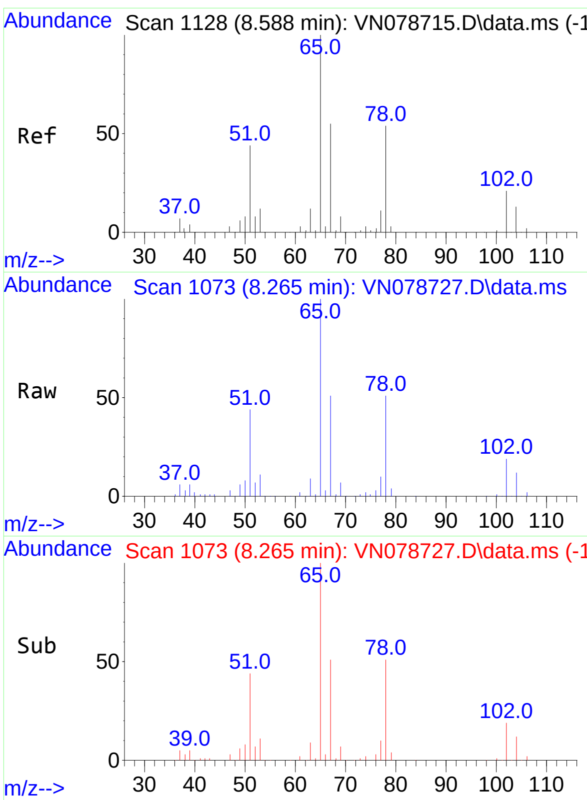
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Delta R.T. -0.288 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 56 Resp: 262699

Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	0.0	74.2	111.4#

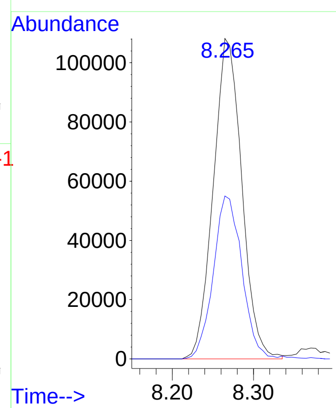


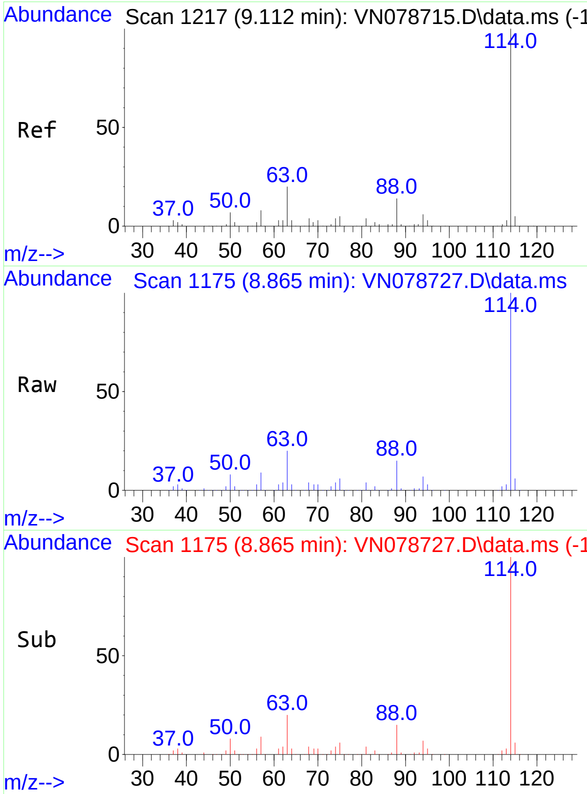


#27
1,2-Dichloroethane-d4
Concen: 17993.971 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.323 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 65 Resp: 264367

Ion	Ratio	Lower	Upper
65	100		
67	50.9	42.9	64.3





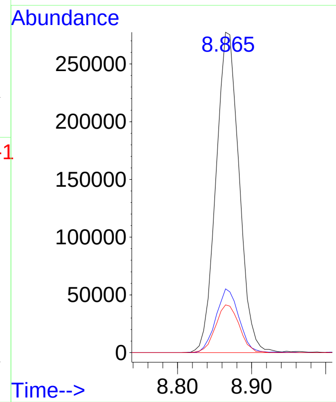
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.865 min Scan# 1

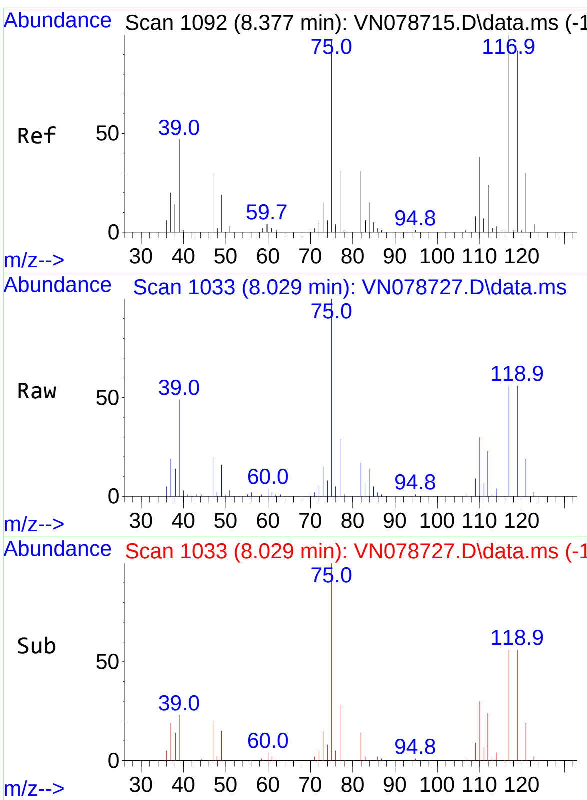
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Delta R.T. -0.247 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion:114 Resp: 602488

Ion	Ratio	Lower	Upper
114	100		
63	19.7	15.2	22.8
88	15.1	12.5	18.7

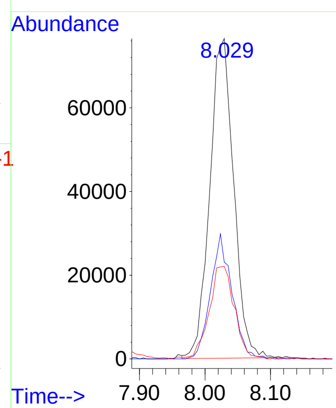


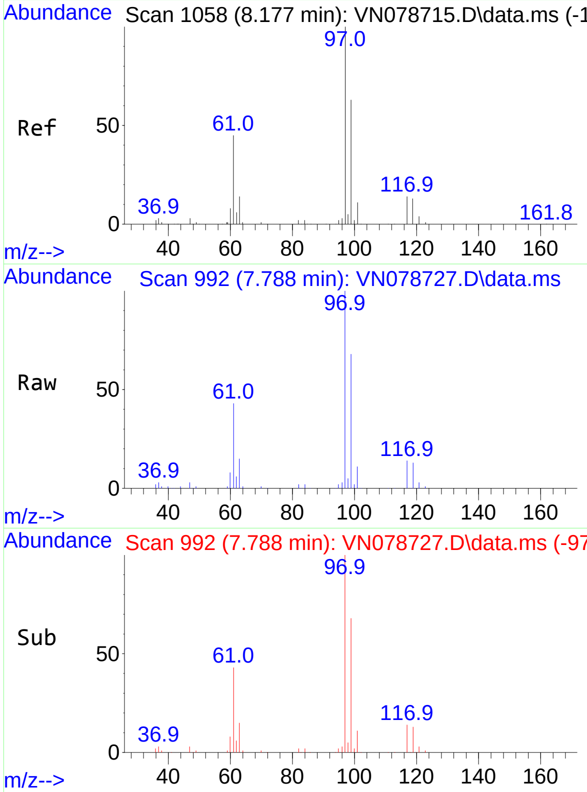


#29
1,1-Dichloropropene
Concen: 21.841 ug/l
RT: 8.029 min Scan# 1033
Delta R.T. -0.348 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 75 Resp: 193620

Ion	Ratio	Lower	Upper
75	100		
110	35.0	0.0	72.2
77	30.5	0.0	62.8



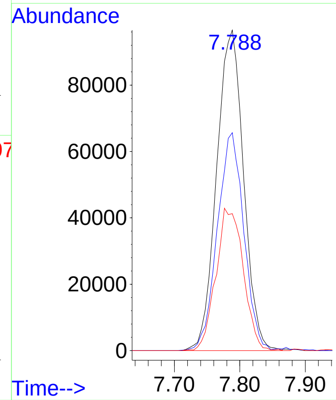


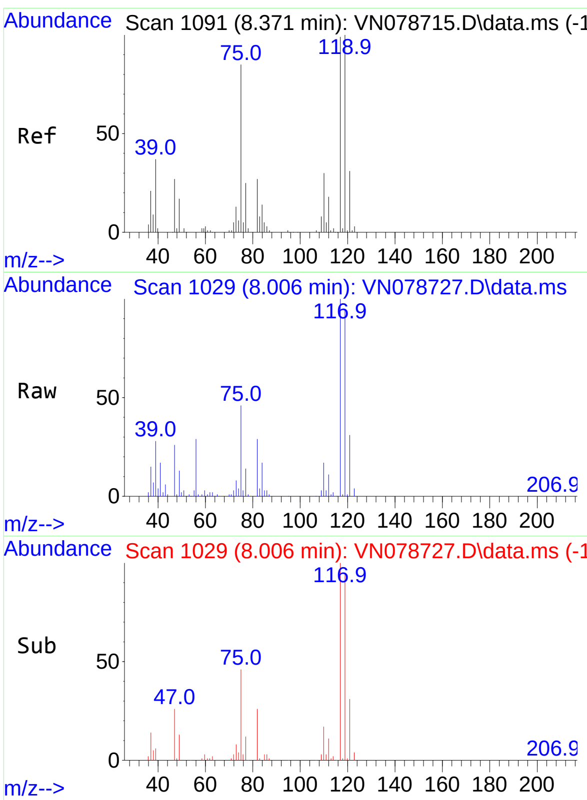
#32
1,1,1-Trichloroethane
Concen: 24.641 ug/l
RT: 7.788 min   Scan# 9
Delta R.T.   -0.389 min
Lab File: VN078727.D
Acq: 01 Aug 2023   20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 97 Resp: 276379

Ion	Ratio	Lower	Upper
97	100		
99	66.8	51.3	76.9
61	44.8	34.6	52.0

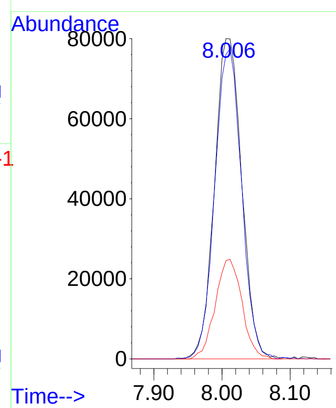


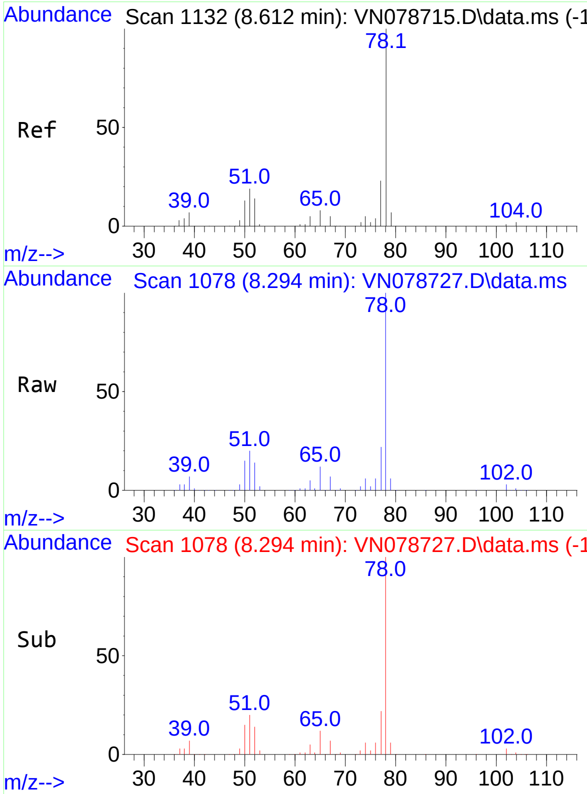


#33
Carbon Tetrachloride
Concen: 22.341 ug/l
RT: 8.006 min   Scan# 1029
Delta R.T.   -0.365 min
Lab File: VN078727.D
Acq: 01 Aug 2023   20:14

Tgt Ion:117 Resp: 222559

Ion	Ratio	Lower	Upper
117	100		
119	94.8	81.4	122.0
121	30.7	23.6	35.4



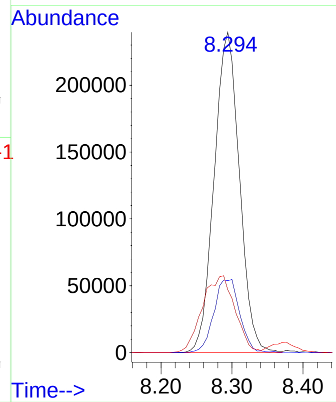


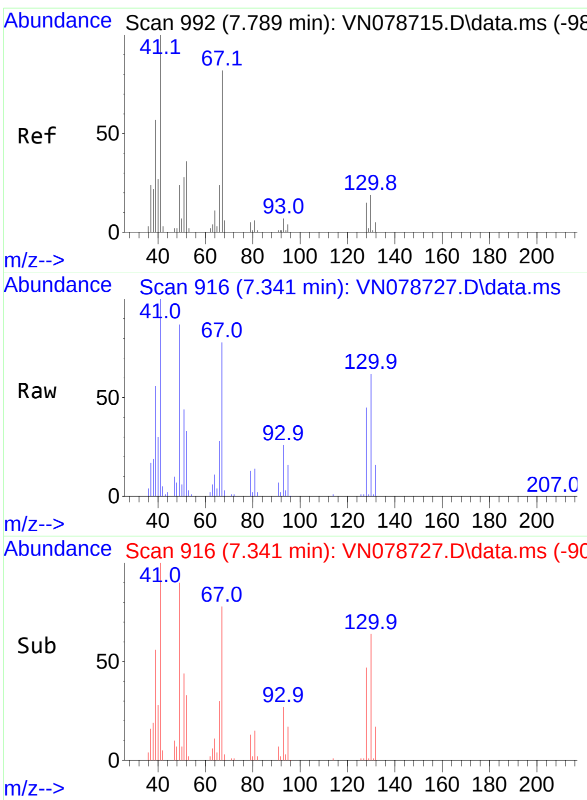
#34
Benzene
Concen: 22.263 ug/l
RT: 8.294 min Scan# 1
Delta R.T. -0.318 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 78 Resp: 592871

Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.3	27.5
51	18.9	13.7	20.5

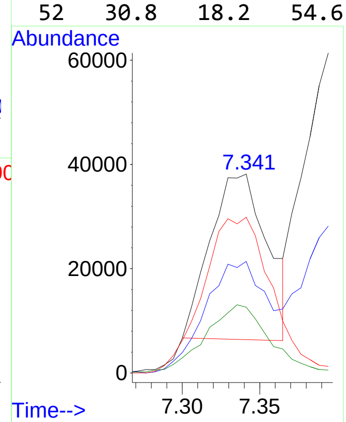


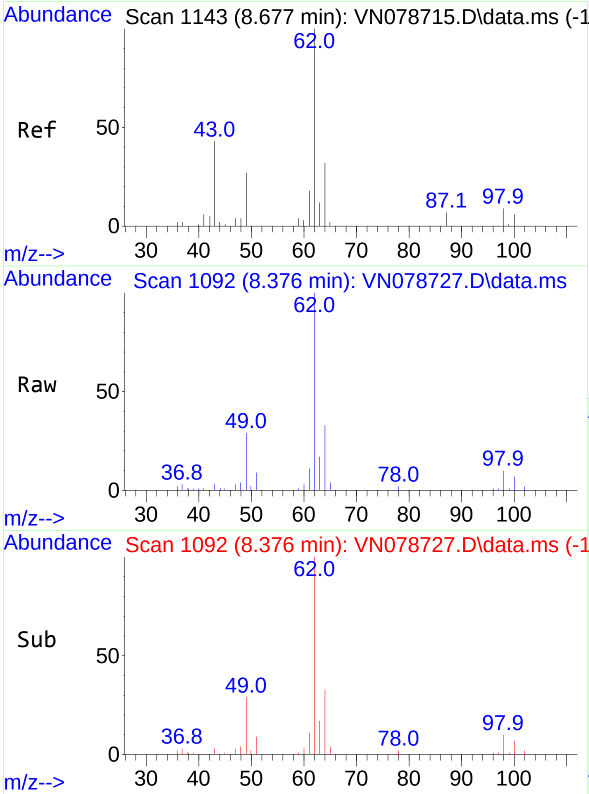


#35
Methacrylonitrile
Concen: 21.085 ug/l
RT: 7.341 min Scan# 916
Delta R.T. -0.448 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 41 Resp: 81144

Ion	Ratio	Lower	Upper
41	100		
39	55.5	33.9	101.6
67	75.1	45.9	137.6
52	30.8	18.2	54.6





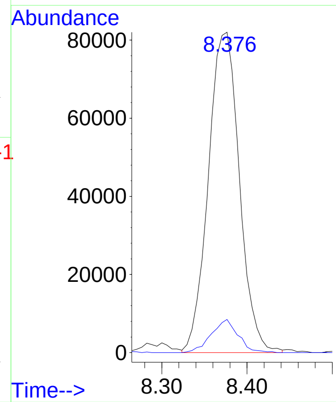
#36
1,2-Dichloroethane
Concen: 22.259 ug/l
RT: 8.376 min Scan# 1(

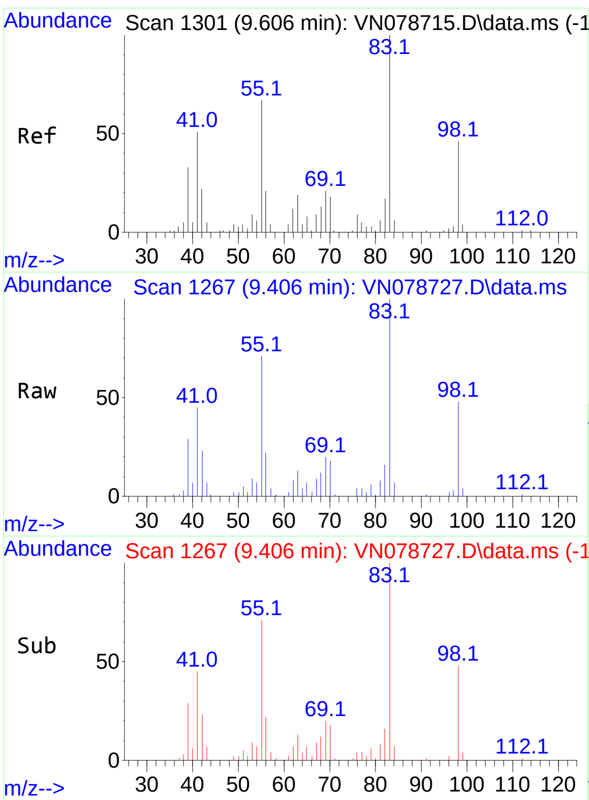
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Delta R.T. -0.301 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 62 Resp: 208177

Ion	Ratio	Lower	Upper
62	100		
98	9.0	7.4	11.0

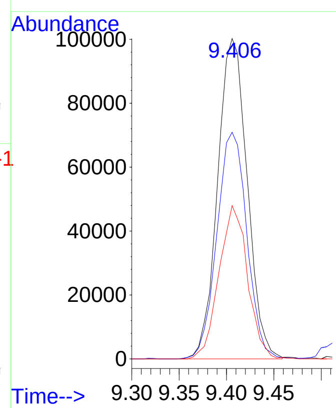


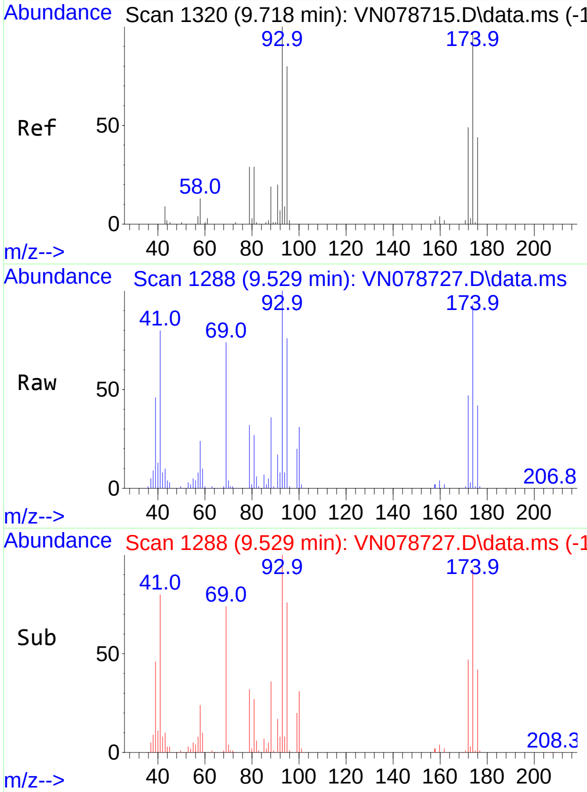


#38
Methylcyclohexane
Concen: 23.966 ug/l
RT: 9.406 min Scan# 1267
Delta R.T. -0.200 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 83 Resp: 218301

Ion	Ratio	Lower	Upper
83	100		
55	71.7	34.0	102.0
98	46.2	23.0	69.0



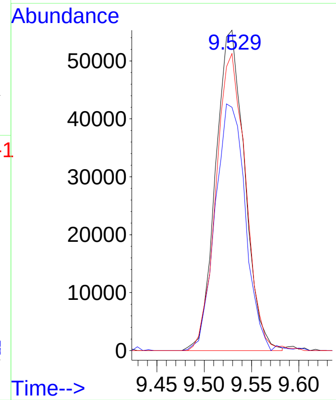


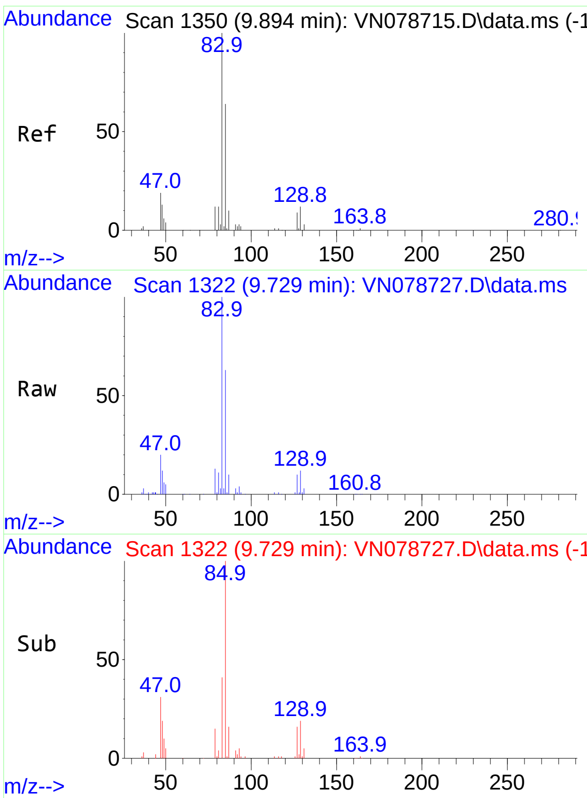
#40
Dibromomethane
Concen: 23.930 ug/l
RT: 9.529 min Scan# 1
Delta R.T. -0.189 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 93 Resp: 118239

Ion	Ratio	Lower	Upper
93	100		
95	79.6	0.0	167.8
174	94.3	0.0	180.8

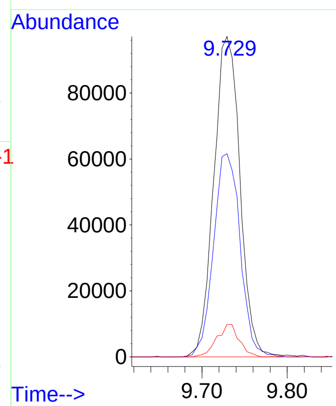


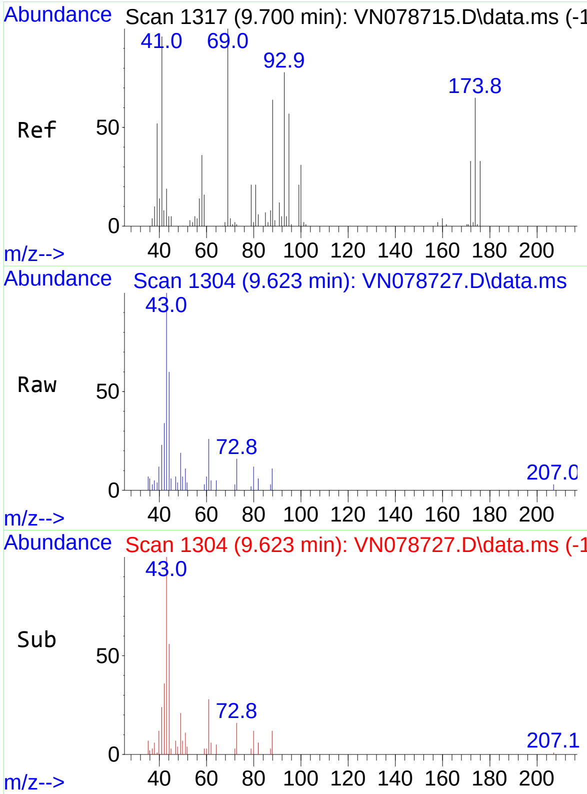


#41
Bromodichloromethane
Concen: 21.068 ug/l
RT: 9.729 min Scan# 1322
Delta R.T. -0.165 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 83 Resp: 208115

Ion	Ratio	Lower	Upper
83	100		
85	63.4	54.1	81.1
127	10.2	7.8	11.6



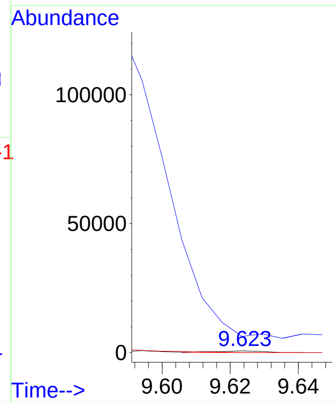


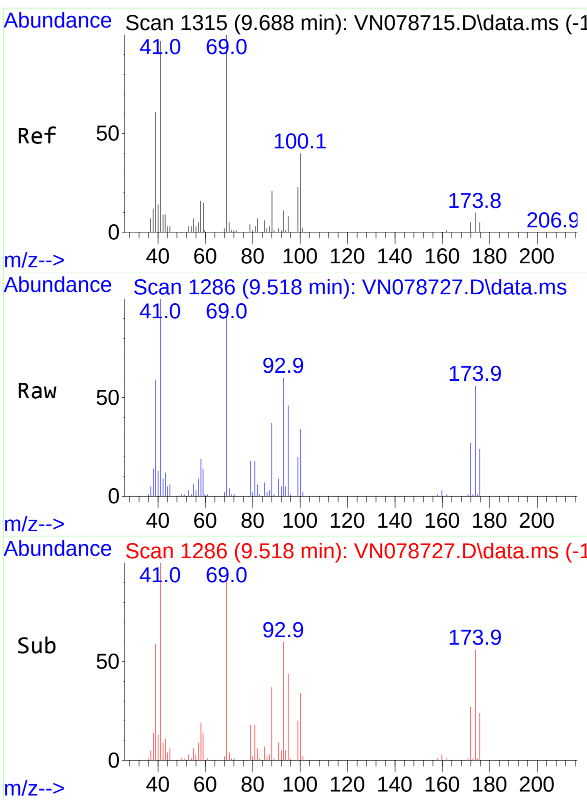
#45
1,4-Dioxane
Concen: 5.995 ug/l
RT: 9.623 min Scan# 1
Delta R.T. -0.077 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 88 Resp: 701

Ion	Ratio	Lower	Upper
88	100		
43	1800.4	19.0	28.6#
58	0.0	48.2	72.2#

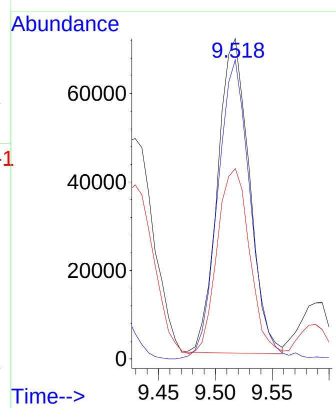


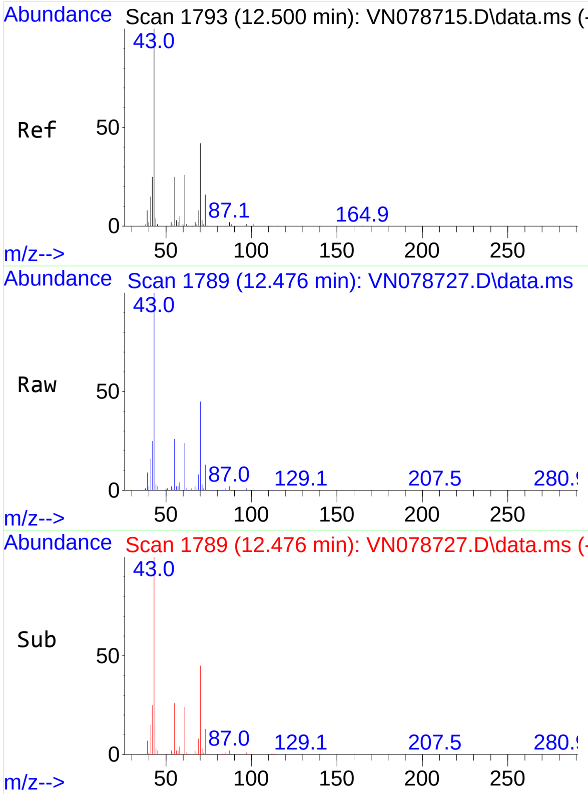


#46
Methyl methacrylate
Concen: 23.700 ug/l
RT: 9.518 min Scan# 1286
Delta R.T. -0.170 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 41 Resp: 137959

Ion	Ratio	Lower	Upper
41	100		
69	94.9	49.0	147.0
39	58.2	31.6	94.8



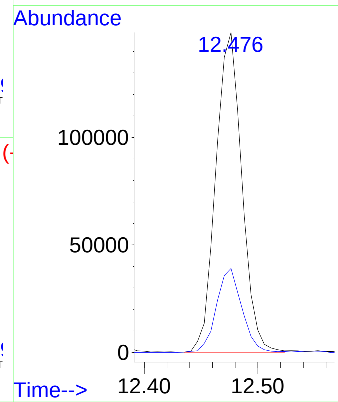


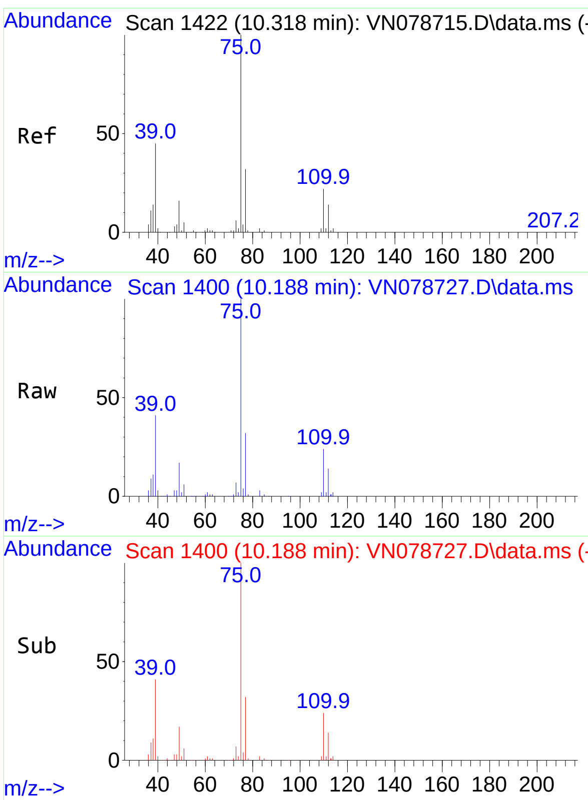
#47
n-amyl Acetate
Concen: 24.256 ug/l
RT: 12.476 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 237465

Ion	Ratio	Lower	Upper
43	100		
55	25.7	21.5	32.3

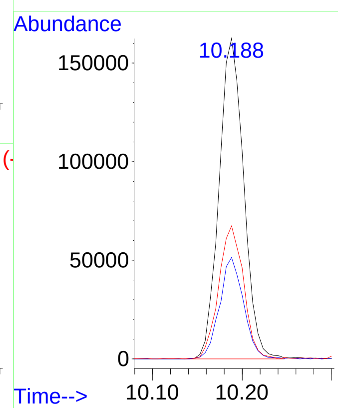


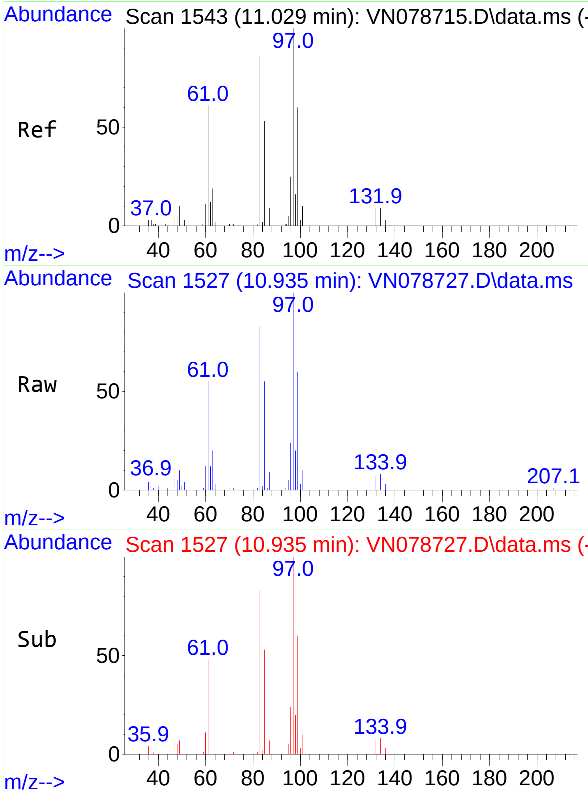


#49
cis-1,3-Dichloropropene
Concen: 27.720 ug/l
RT: 10.188 min Scan# 1400
Delta R.T. -0.130 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 75 Resp: 310403

Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.0	36.0
39	41.5	35.1	52.7





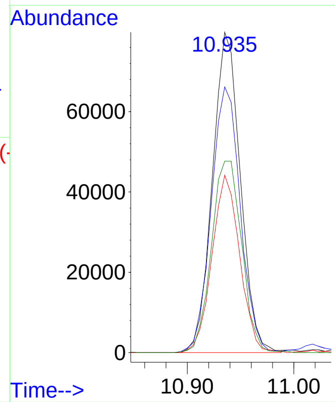
#50
1,1,2-Trichloroethane
Concen: 20.749 ug/l
RT: 10.935 min Scan# 1

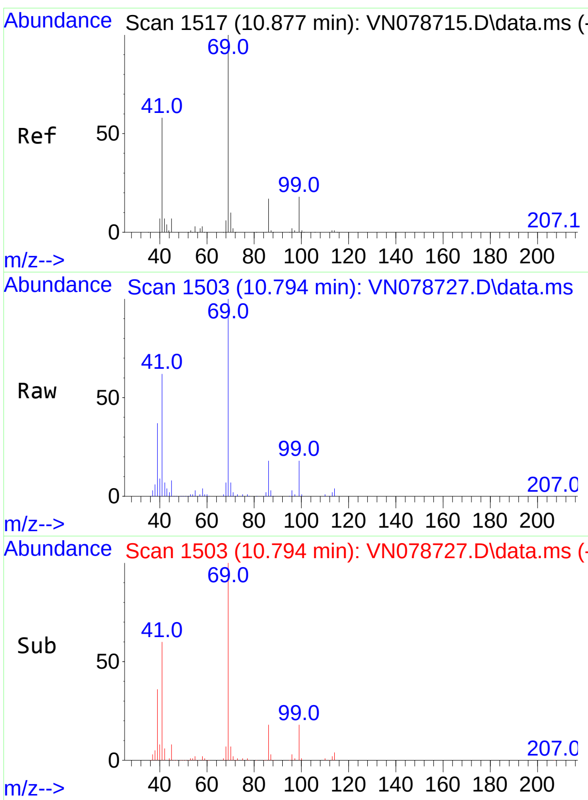
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Delta R.T.   -0.094 min
Lab File: VN078727.D
Acq: 01 Aug 2023   20:14

Tgt Ion: 97 Resp: 145127

Ion	Ratio	Lower	Upper
97	100		
83	82.6	66.8	100.2
85	55.4	42.5	63.7
99	59.5	48.3	72.5

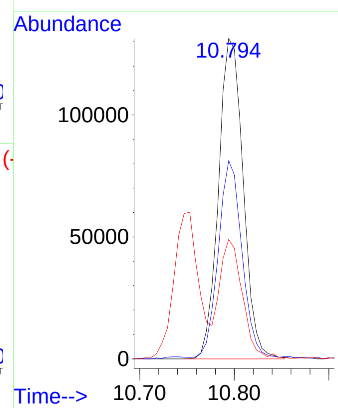


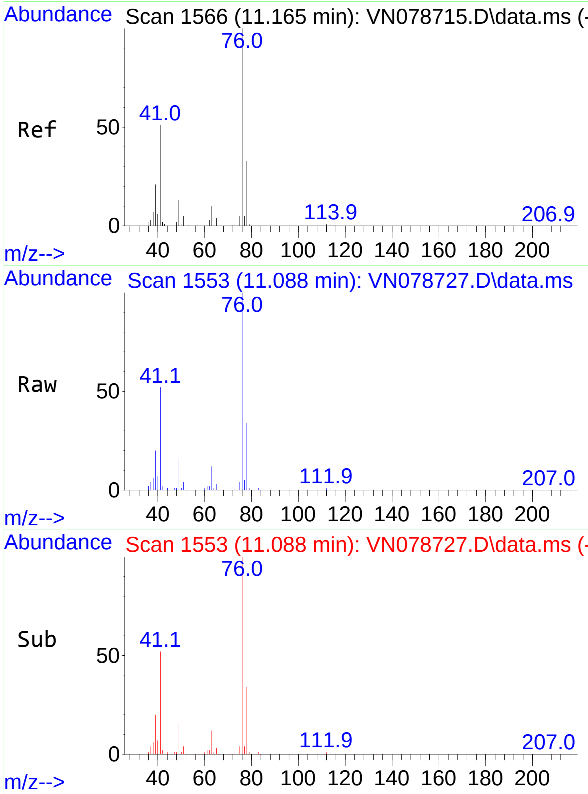


#51
Ethyl methacrylate
Concen: 24.904 ug/l
RT: 10.794 min Scan# 1503
Delta R.T.   -0.083 min
Lab File: VN078727.D
Acq: 01 Aug 2023   20:14

Tgt Ion: 69 Resp: 238479

Ion	Ratio	Lower	Upper
69	100		
41	61.3	26.0	78.0
39	36.7	16.3	48.9



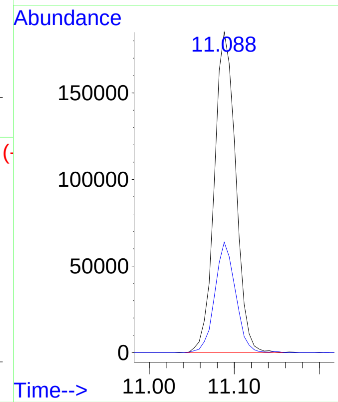


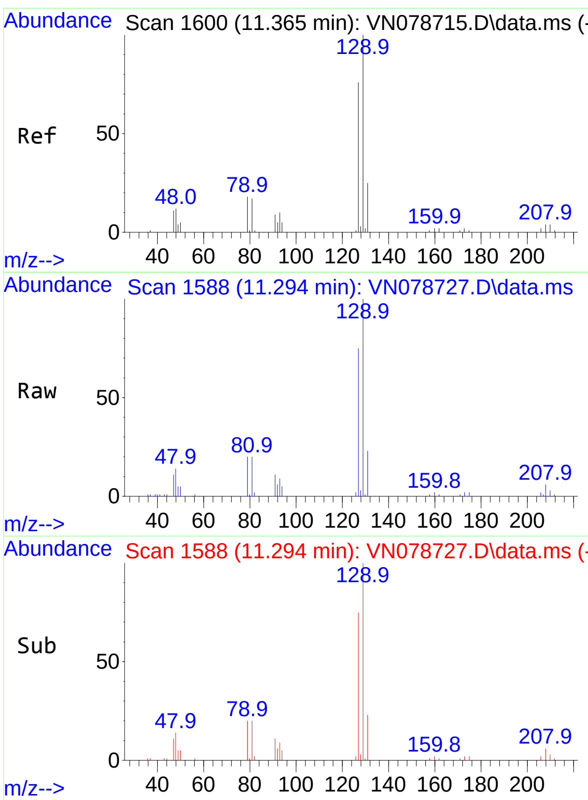
#52
1,3-Dichloropropane
Concen: 25.727 ug/l
RT: 11.088 min Scan# 1
Delta R.T. -0.077 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 76 Resp: 323412

Ion	Ratio	Lower	Upper
76	100		
78	33.3	0.0	66.2

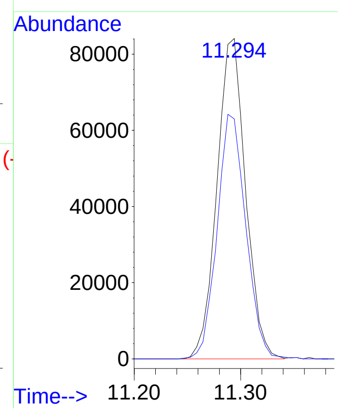


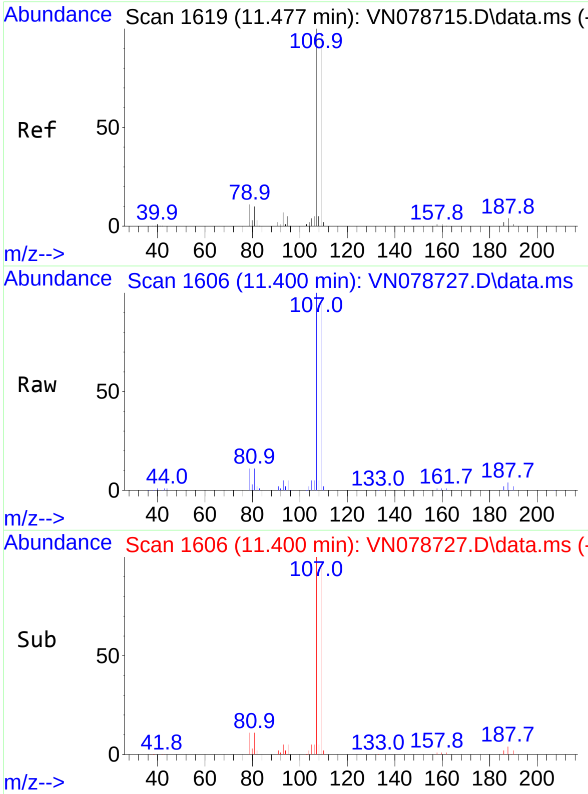


#53
Dibromochloromethane
Concen: 19.939 ug/l
RT: 11.294 min Scan# 1588
Delta R.T. -0.071 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion:129 Resp: 157542

Ion	Ratio	Lower	Upper
129	100		
127	76.5	39.4	118.1





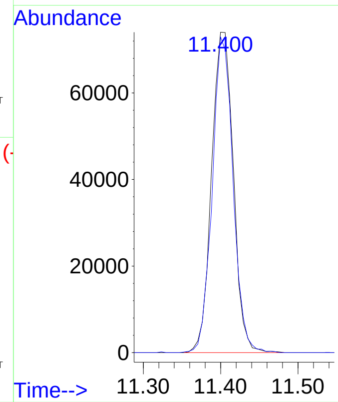
#54
1,2-Dibromoethane
Concen: 20.581 ug/l
RT: 11.400 min Scan# 1

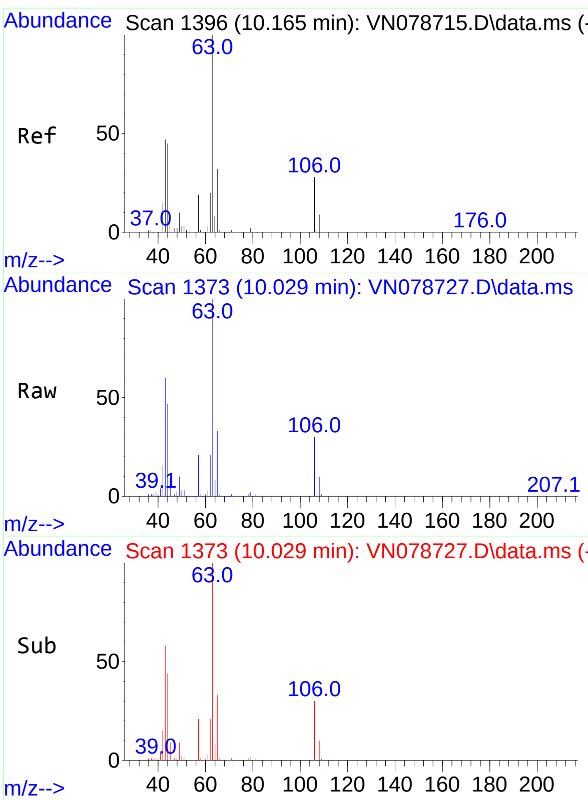
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Delta R.T. -0.077 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion:107 Resp: 144542

Ion	Ratio	Lower	Upper
107	100		
109	94.3	74.6	112.0

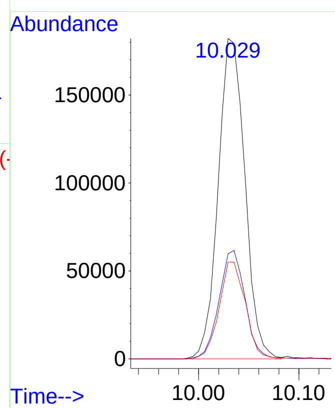


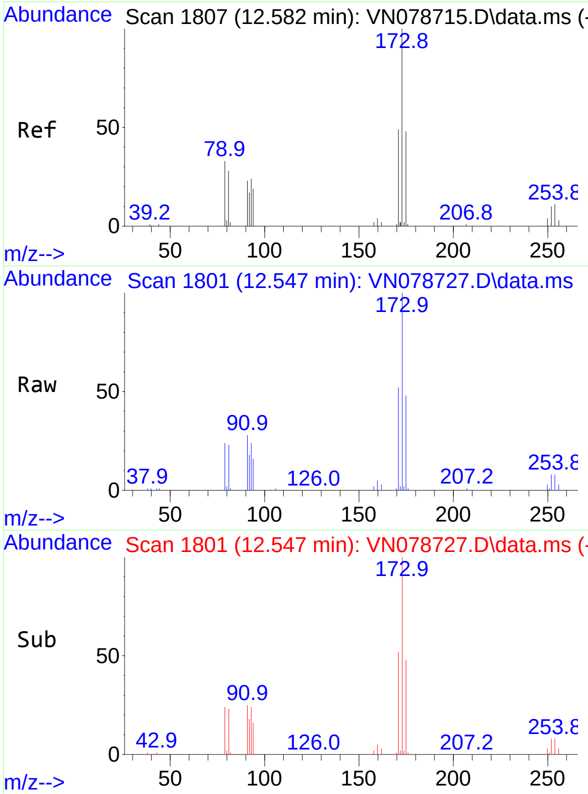


#55
2-Chloroethyl vinyl ether
Concen: 110.654 ug/l
RT: 10.029 min Scan# 1373
Delta R.T. -0.136 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 63 Resp: 337640

Ion	Ratio	Lower	Upper
63	100		
65	33.1	26.3	39.5
106	29.6	23.8	35.6



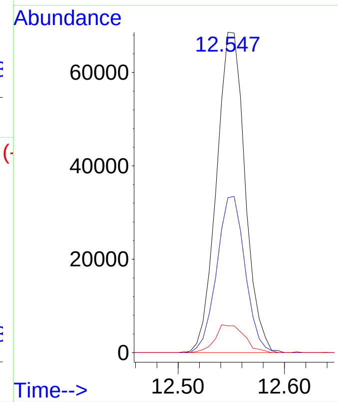


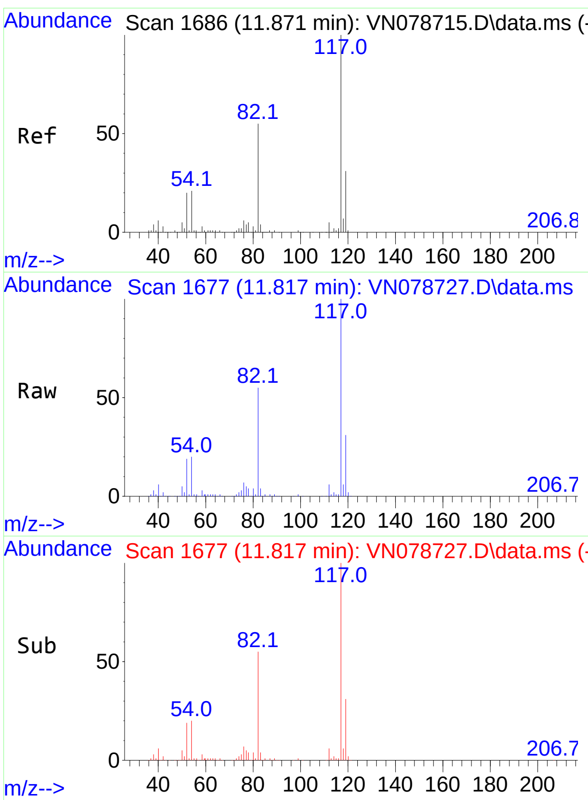
#56
Bromoform
Concen: 24.747 ug/l
RT: 12.547 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:173 Resp: 127943

Ion	Ratio	Lower	Upper
173	100		
175	48.3	40.7	61.1
254	8.9	6.5	9.7

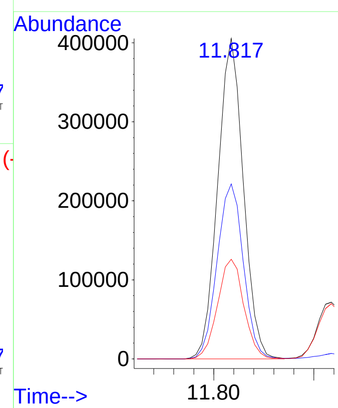


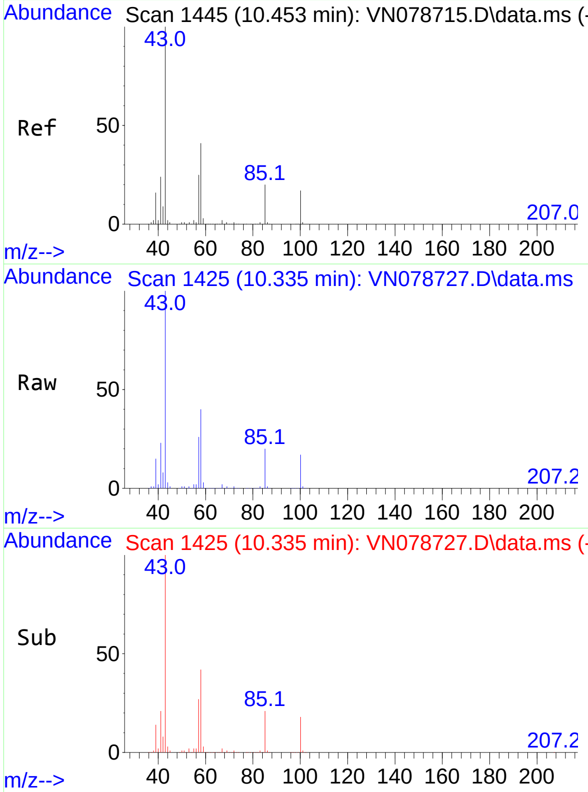


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.817 min Scan# 1677
Delta R.T. -0.054 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion:117 Resp: 720036

Ion	Ratio	Lower	Upper
117	100		
82	56.0	43.9	65.9
119	32.0	26.2	39.4



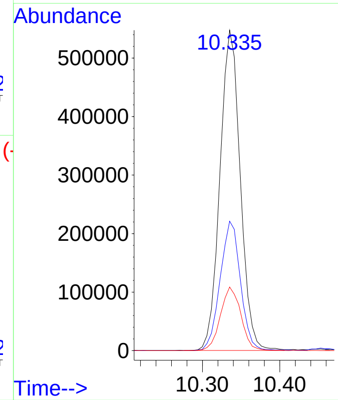


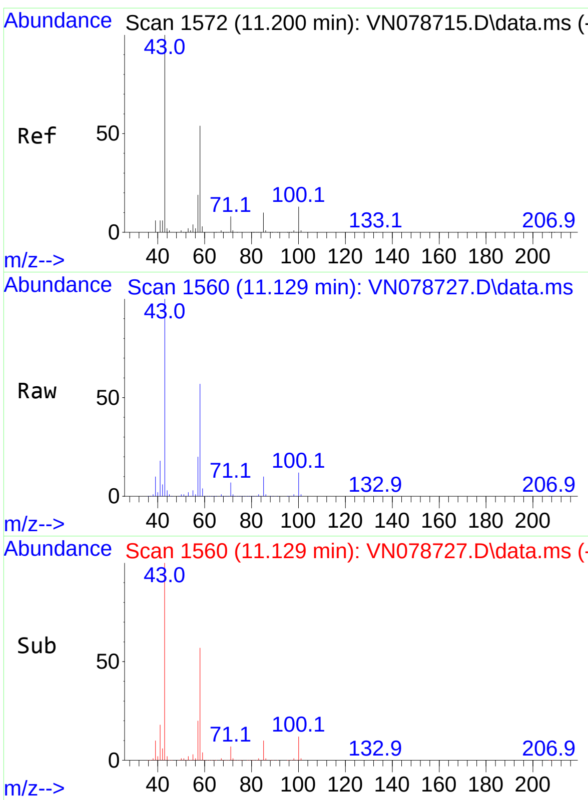
#58
4-Methyl-2-Pentanone
Concen: 92.967 ug/l
RT: 10.335 min Scan# 14
Delta R.T. -0.118 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 1001940

Ion	Ratio	Lower	Upper
43	100		
58	40.4	32.6	48.8
85	20.0	16.2	24.2

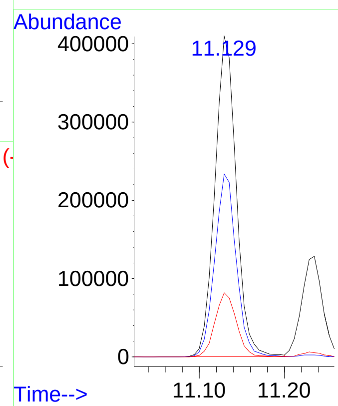


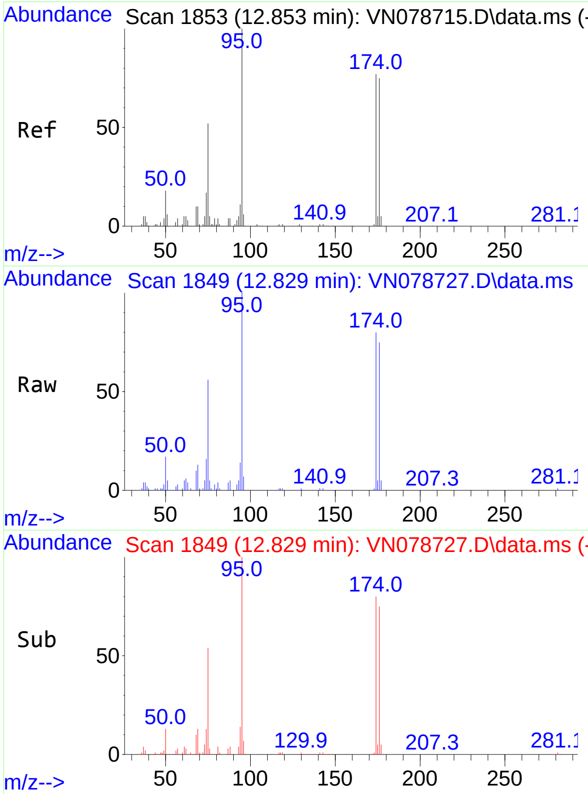


#59
2-Hexanone
Concen: 87.438 ug/l
RT: 11.129 min Scan# 1560
Delta R.T. -0.071 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 43 Resp: 713516

Ion	Ratio	Lower	Upper
43	100		
58	57.5	45.9	68.9
57	20.1	15.8	23.6





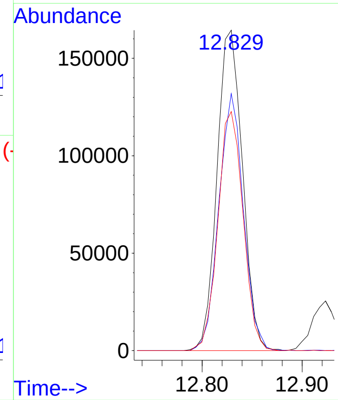
#60
4-Bromofluorobenzene
Concen: 26.993 ug/l
RT: 12.829 min Scan# 1

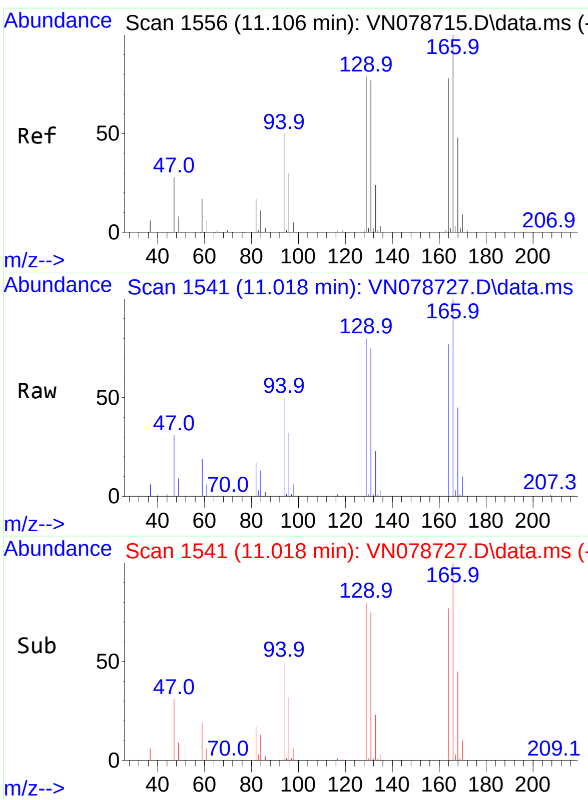
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Delta R.T. -0.024 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 95 Resp: 291277

Ion	Ratio	Lower	Upper
95	100		
174	77.6	61.7	92.5
176	73.7	58.1	87.1

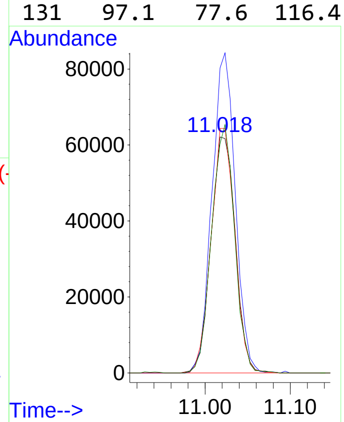


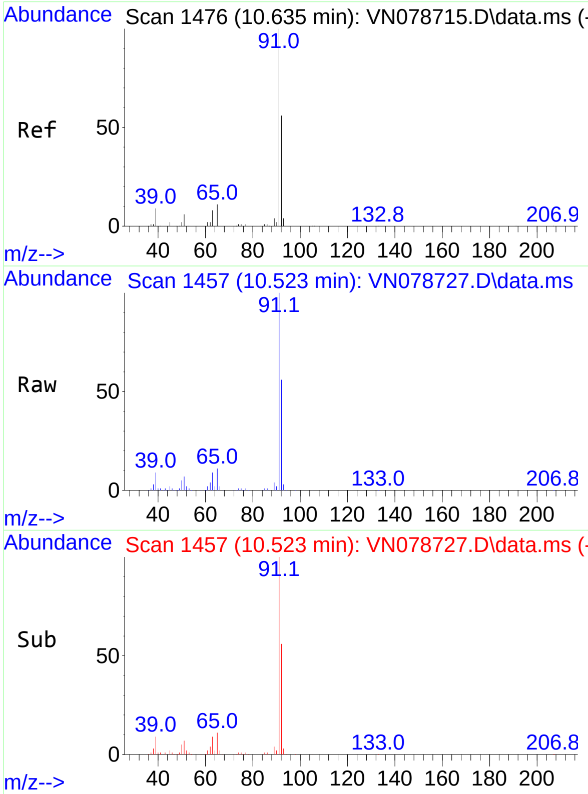


#61
Tetrachloroethene
Concen: 13.089 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.088 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion:164 Resp: 123926

Ion	Ratio	Lower	Upper
164	100		
166	129.3	99.1	148.7
129	103.6	85.6	128.4
131	97.1	77.6	116.4



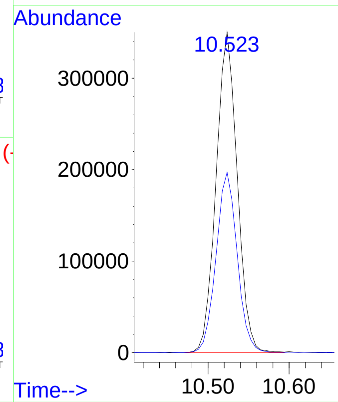


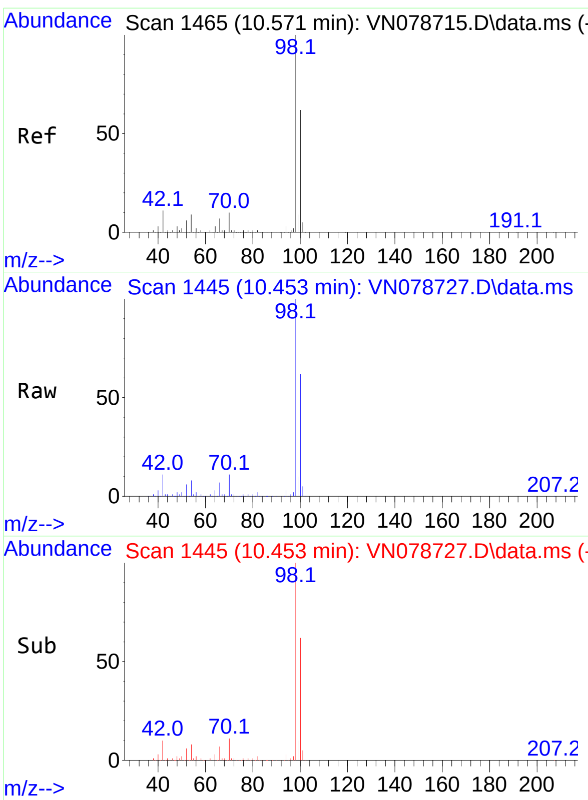
#62
Toluene
Concen: 14.680 ug/l
RT: 10.523 min Scan# 14
Delta R.T. -0.112 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 635793

Ion	Ratio	Lower	Upper
91	100		
92	56.3	45.2	67.8

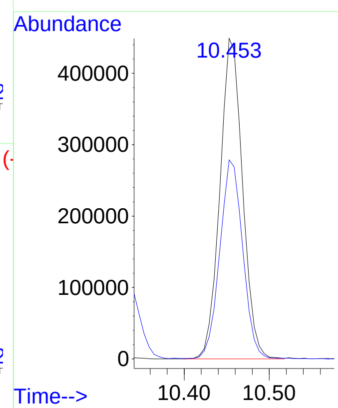


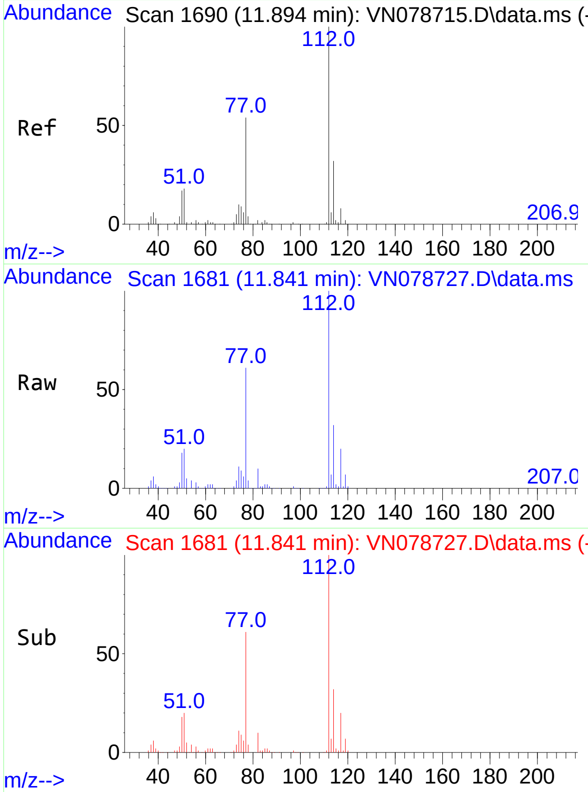


#63
Toluene-d8
Concen: 23.396 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.118 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 98 Resp: 832175

Ion	Ratio	Lower	Upper
98	100		
100	62.8	49.7	74.5



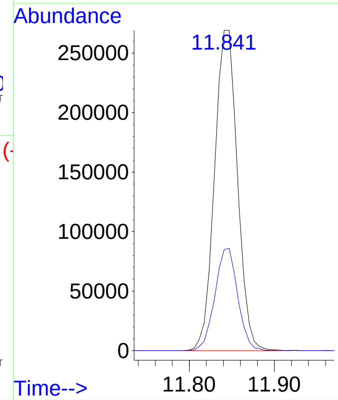


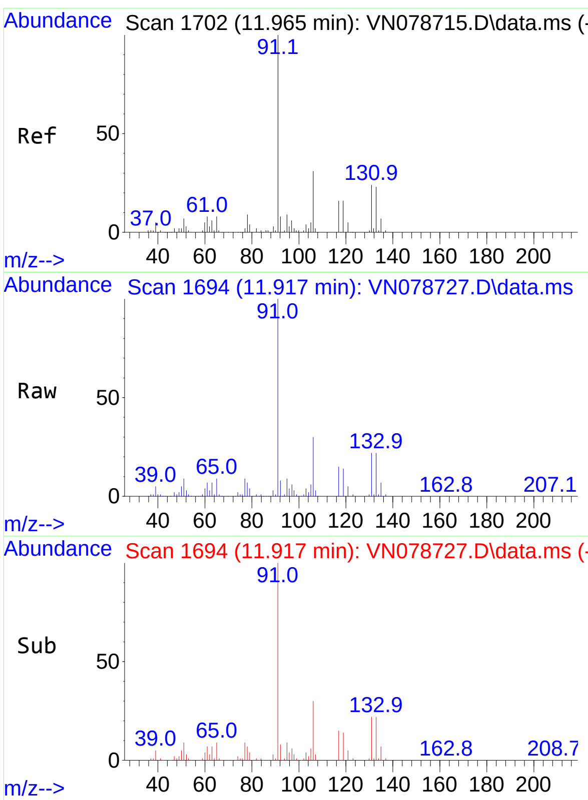
#64
Chlorobenzene
Concen: 19.944 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.053 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:112 Resp: 504314

Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.9	38.9

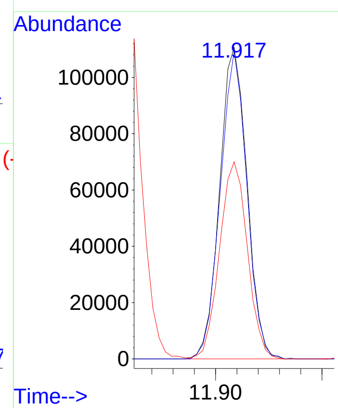


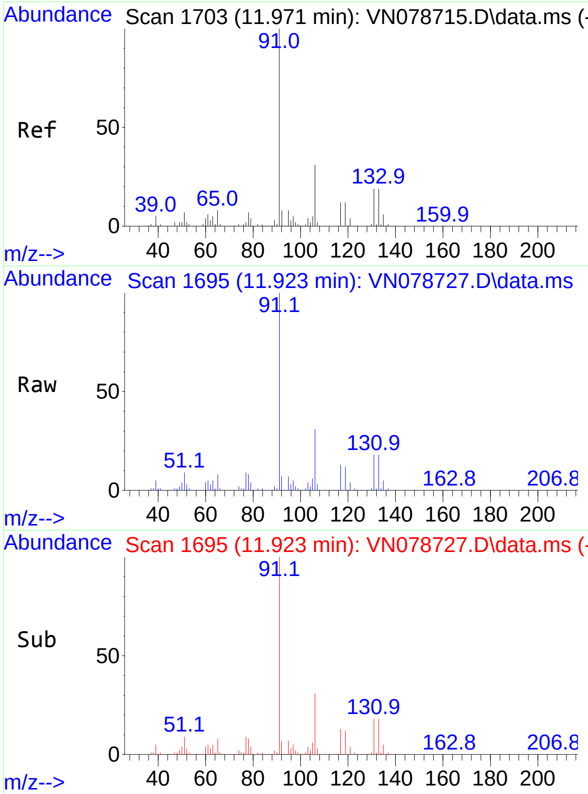


#65
1,1,1,2-Tetrachloroethane
Concen: 19.862 ug/l
RT: 11.917 min Scan# 1694
Delta R.T. -0.048 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion:131 Resp: 198075

Ion	Ratio	Lower	Upper
131	100		
133	95.5	0.0	191.8
119	64.3	0.0	132.0



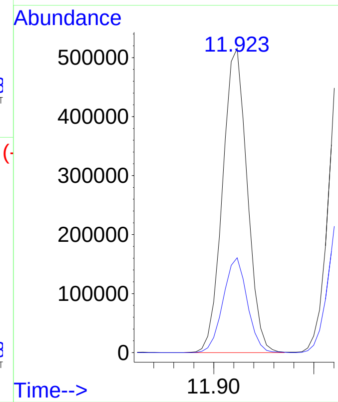


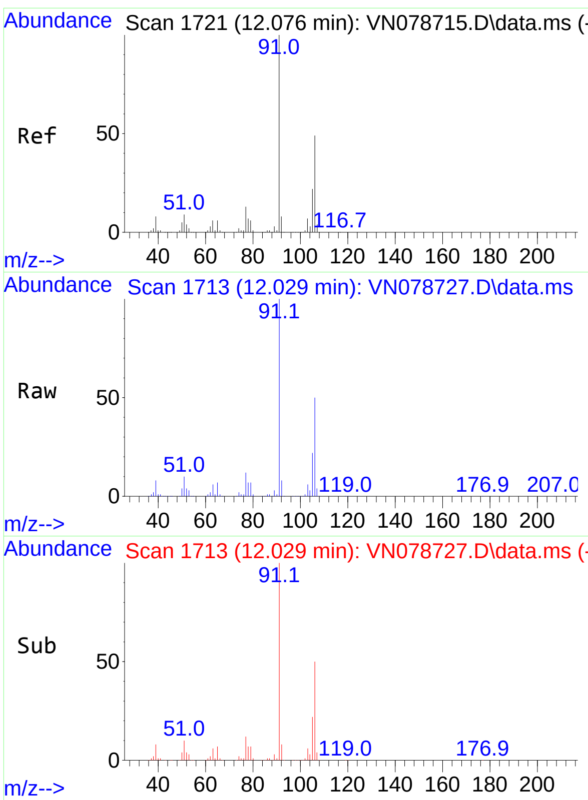
#66
Ethyl Benzene
Concen: 20.202 ug/l
RT: 11.923 min Scan# 1
Delta R.T. -0.048 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 881836

Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.6	38.4

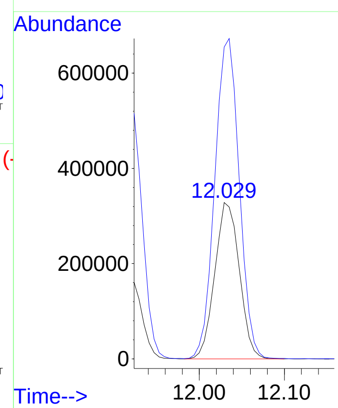


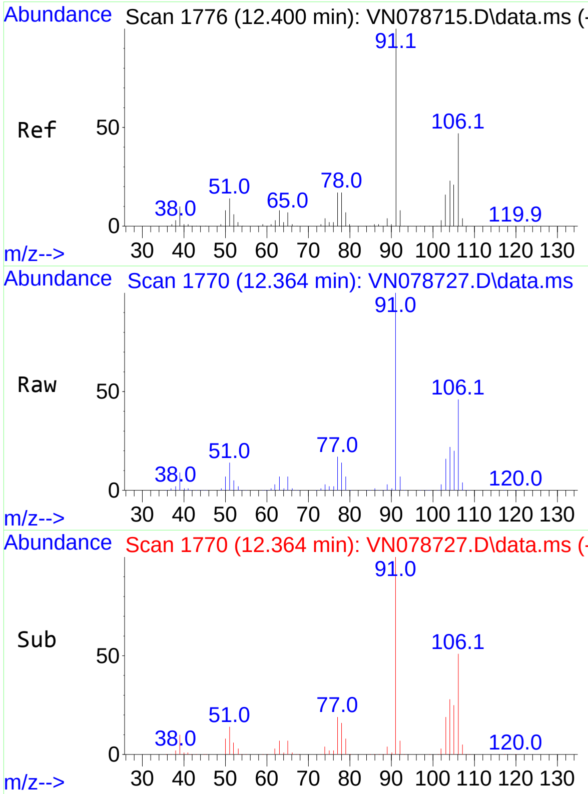


#67
m/p-Xylenes
Concen: 39.586 ug/l
RT: 12.029 min Scan# 1713
Delta R.T. -0.047 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion:106 Resp: 660044

Ion	Ratio	Lower	Upper
106	100		
91	203.7	162.5	243.7



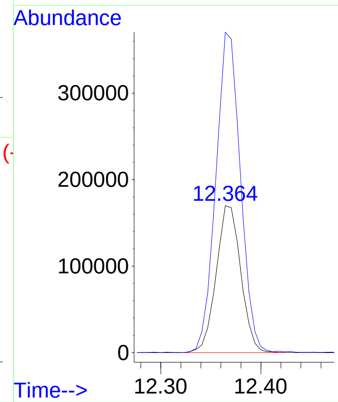


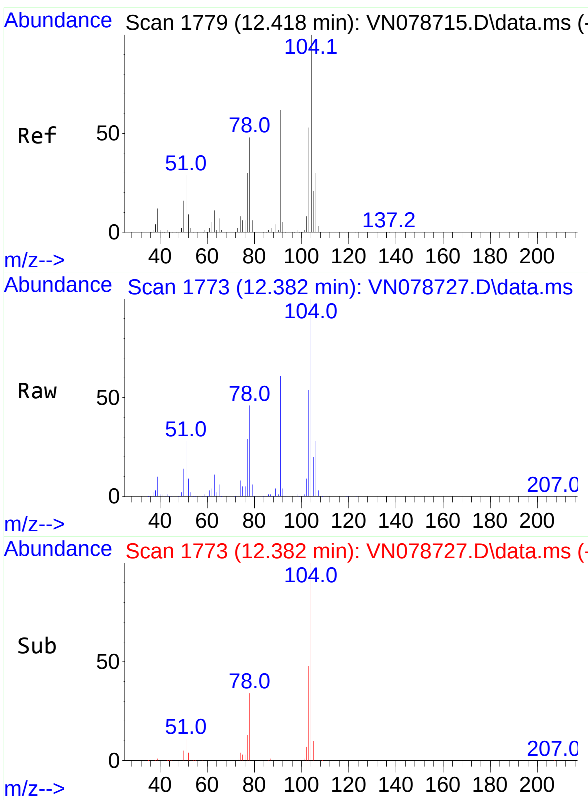
#68
o-Xylene
Concen: 17.107 ug/l
RT: 12.364 min Scan# 1
Delta R.T.   -0.036 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 290240

Ion	Ratio	Lower	Upper
106	100		
91	218.7	106.1	318.3

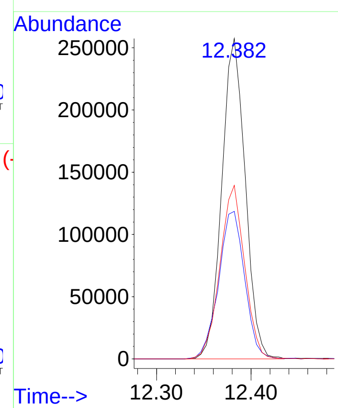


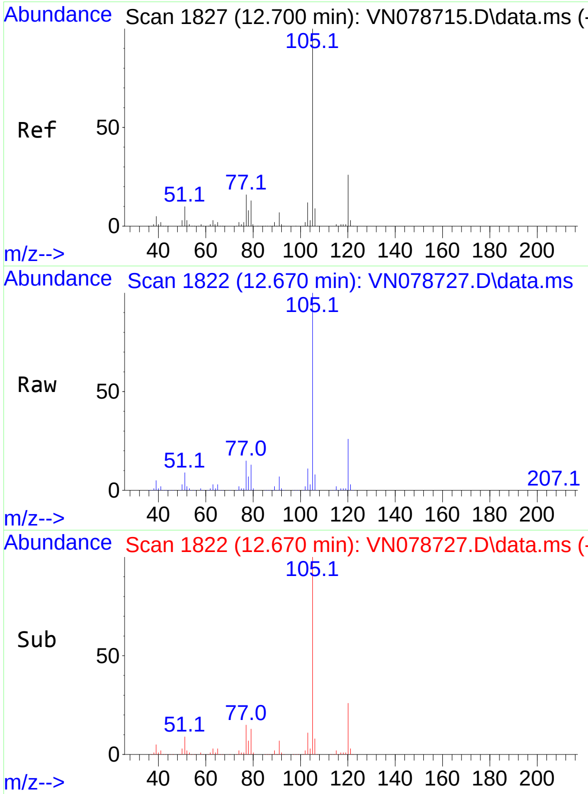


#69
Styrene
Concen: 16.269 ug/l
RT: 12.382 min Scan# 1773
Delta R.T.   -0.036 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion:104 Resp: 444100

Ion	Ratio	Lower	Upper
104	100		
78	51.1	40.1	60.1
103	56.9	45.1	67.7



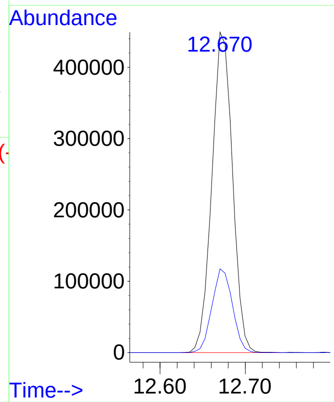


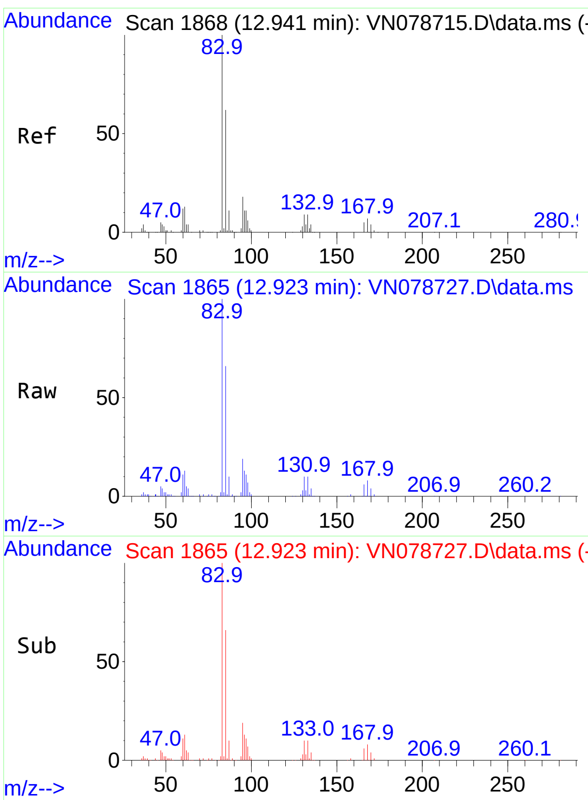
#70
Isopropylbenzene
Concen: 18.024 ug/l
RT: 12.670 min Scan# 1
Delta R.T. -0.030 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:105 Resp: 756496

Ion	Ratio	Lower	Upper
105	100		
120	25.9	18.3	34.1

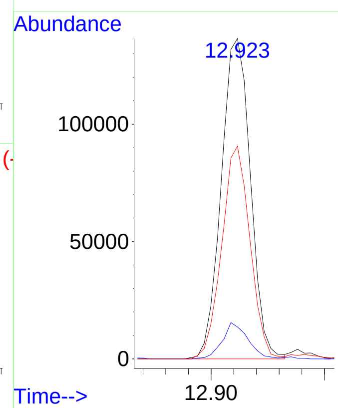


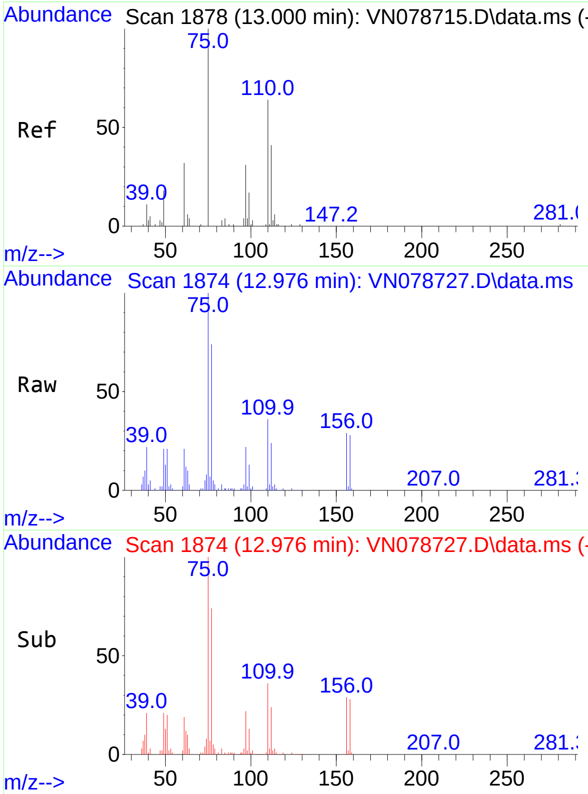


#71
1,1,2,2-Tetrachloroethane
Concen: 17.920 ug/l
RT: 12.923 min Scan# 1865
Delta R.T. -0.018 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 83 Resp: 244313

Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.8	14.4
85	64.2	32.6	98.0



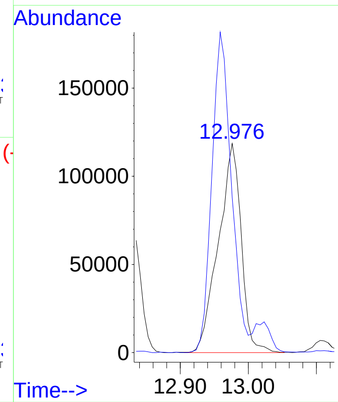


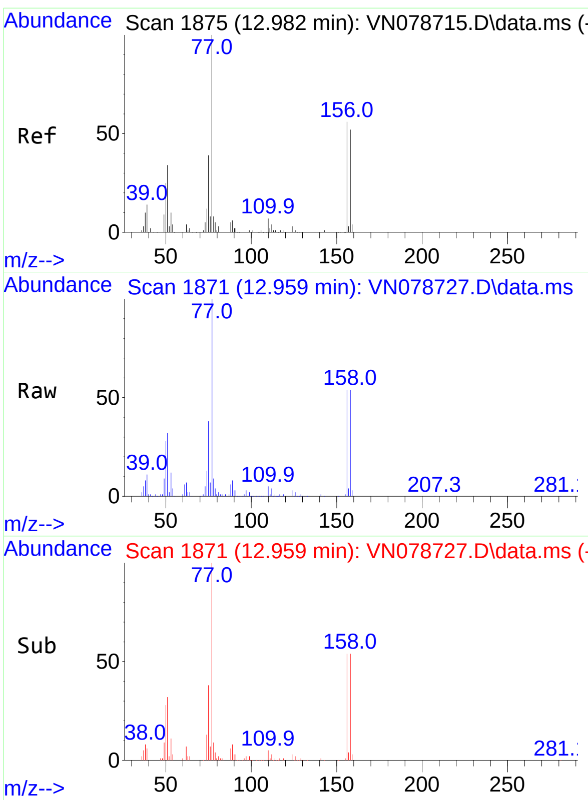
#72
1,2,3-Trichloropropane
Concen: 24.234 ug/l
RT: 12.976 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 277165

Ion	Ratio	Lower	Upper
75	100		
77	131.1	0.0	387.4

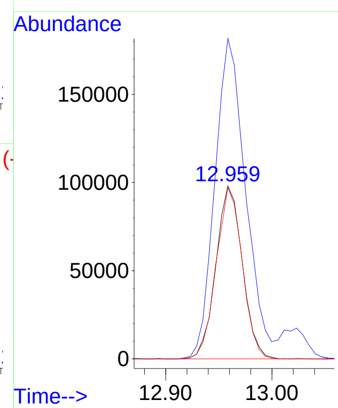


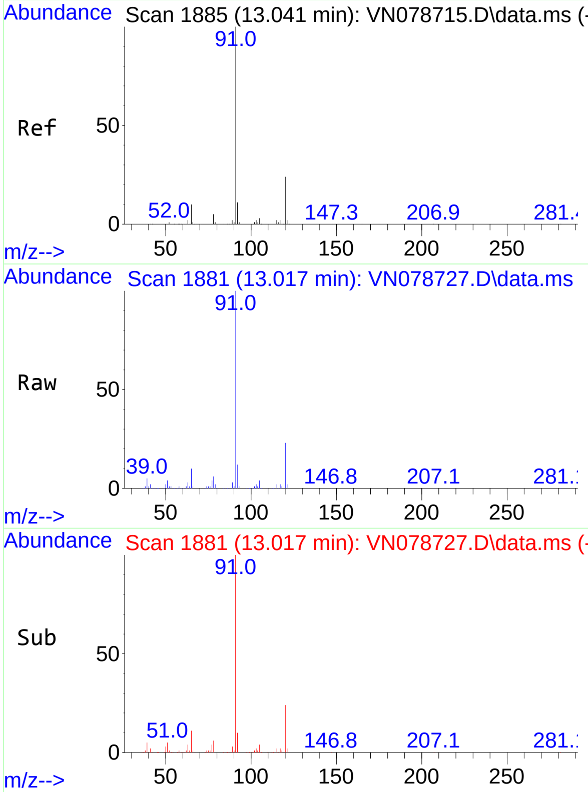


#73
Bromobenzene
Concen: 16.494 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.023 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion:156 Resp: 169681

Ion	Ratio	Lower	Upper
156	100		
77	214.1	0.0	420.8
158	97.4	0.0	193.2



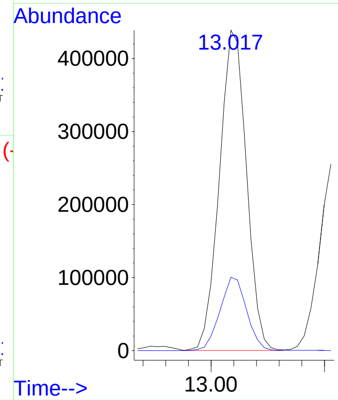


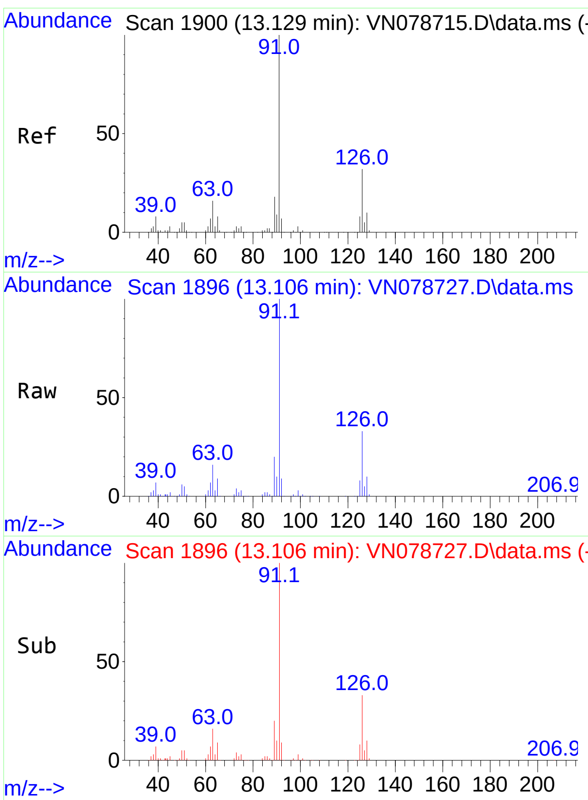
#74
n-propylbenzene
Concen: 15.606 ug/l
RT: 13.017 min Scan# 1
Delta R.T.   -0.024 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 725989

Ion	Ratio	Lower	Upper
91	100		
120	22.5	0.0	44.6

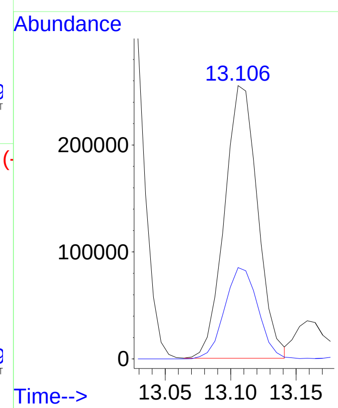


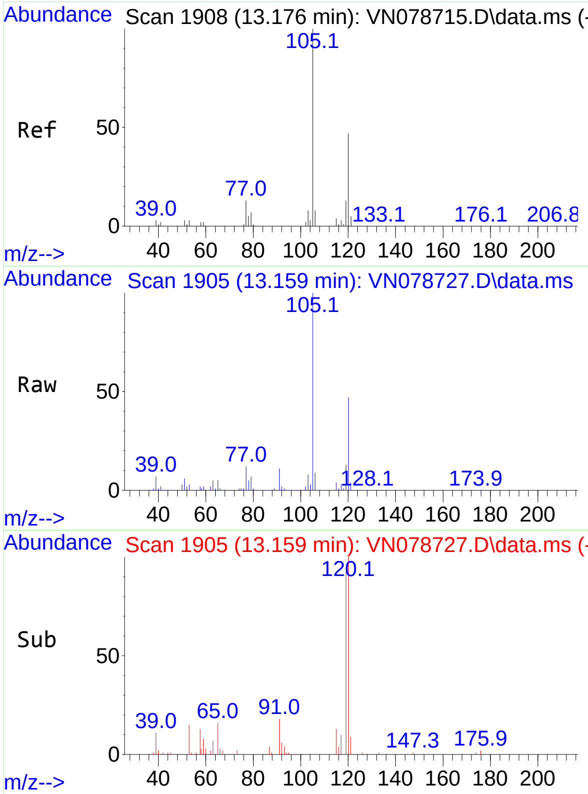


#75
2-Chlorotoluene
Concen: 13.985 ug/l
RT: 13.106 min Scan# 1896
Delta R.T.   -0.023 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 91 Resp: 449289

Ion	Ratio	Lower	Upper
91	100		
126	33.6	0.0	67.2





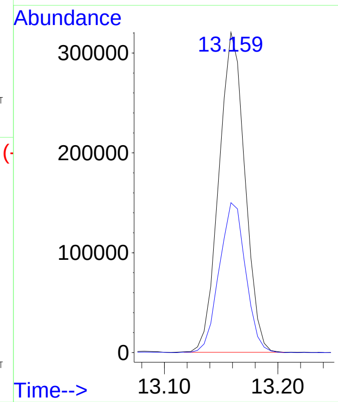
#76
1,3,5-Trimethylbenzene
Concen: 13.628 ug/l
RT: 13.159 min Scan# 1

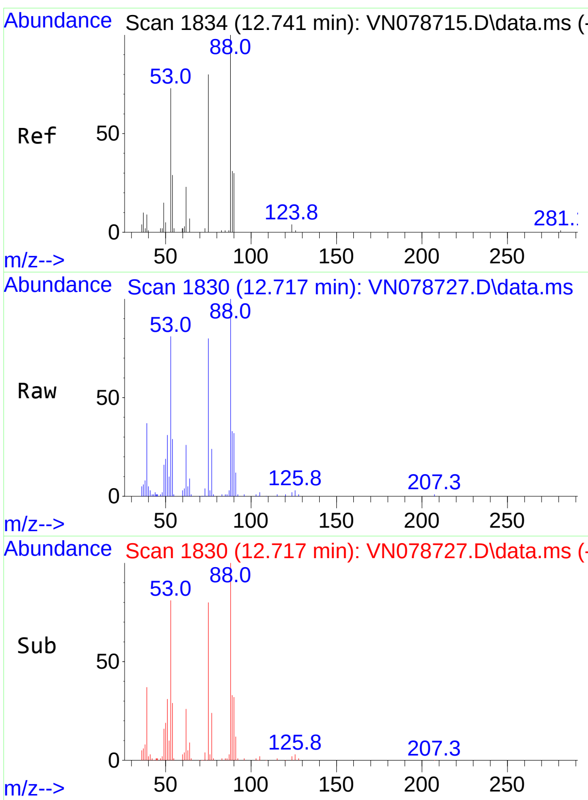
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Delta R.T. -0.017 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion:105 Resp: 510668

Ion	Ratio	Lower	Upper
105	100		
120	47.5	0.0	97.2

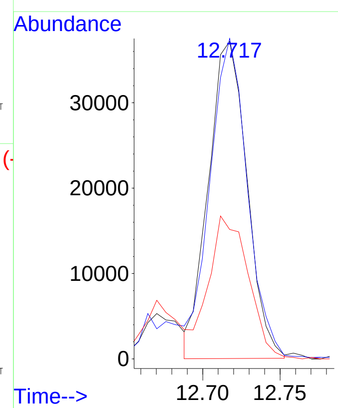


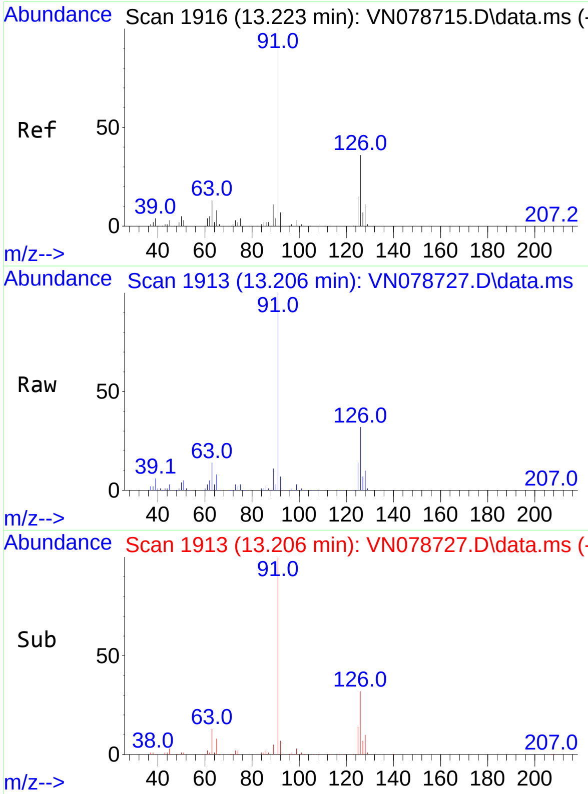


#77
t-1,4-Dichloro-2-butene
Concen: 16.104 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.024 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 75 Resp: 64370

Ion	Ratio	Lower	Upper
75	100		
53	101.0	41.6	124.9
89	40.6	25.1	75.4



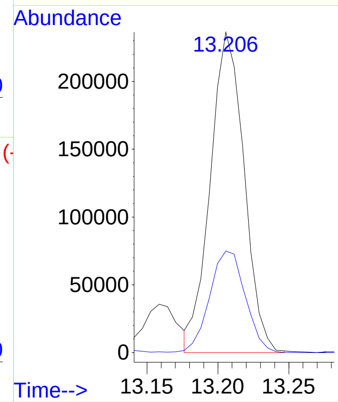


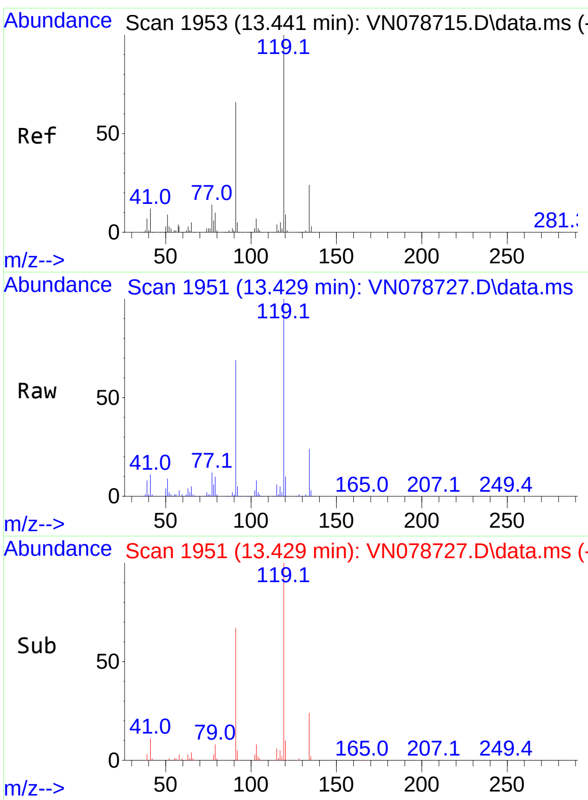
#78
4-Chlorotoluene
Concen: 12.619 ug/l
RT: 13.206 min Scan# 1
Delta R.T. -0.017 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 391422

Ion	Ratio	Lower	Upper
91	100		
126	33.5	0.0	68.8

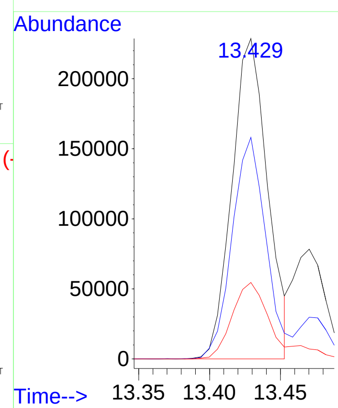


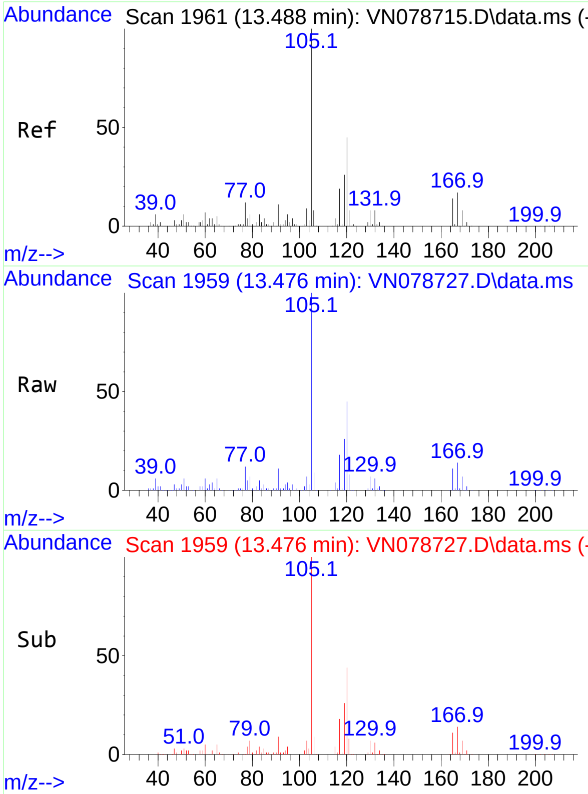


#79
tert-butylbenzene
Concen: 12.380 ug/l
RT: 13.429 min Scan# 1951
Delta R.T. -0.012 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion:119 Resp: 399298

Ion	Ratio	Lower	Upper
119	100		
91	66.2	0.0	126.6
134	23.6	0.0	44.0





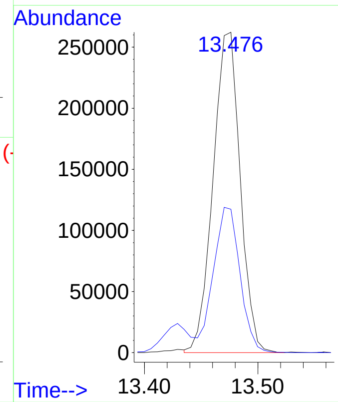
#80
1,2,4-Trimethylbenzene
Concen: 12.172 ug/l
RT: 13.476 min Scan# 1

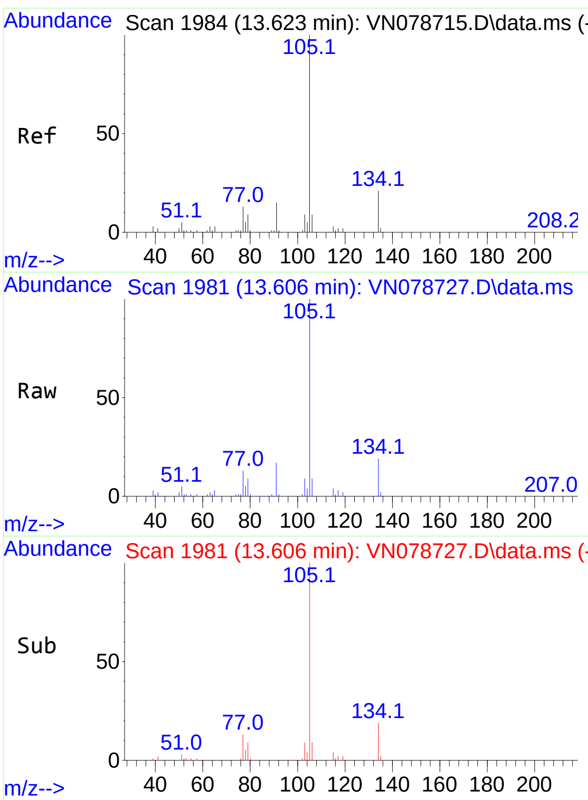
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Delta R.T. -0.012 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion:105 Resp: 435617

Ion	Ratio	Lower	Upper
105	100		
120	44.2	0.0	88.2

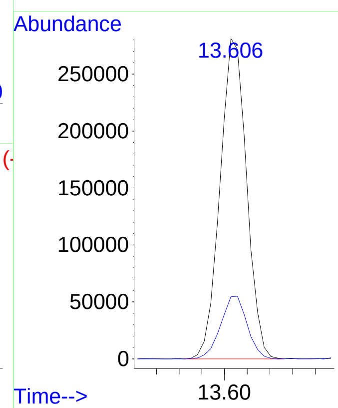


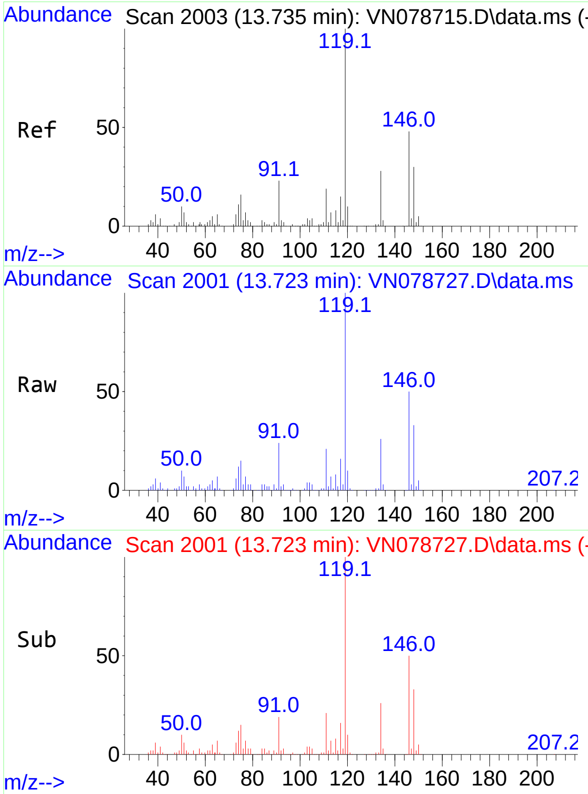


#81
sec-Butylbenzene
Concen: 11.076 ug/l
RT: 13.606 min Scan# 1981
Delta R.T. -0.017 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion:105 Resp: 457902

Ion	Ratio	Lower	Upper
105	100		
134	19.6	0.0	38.6



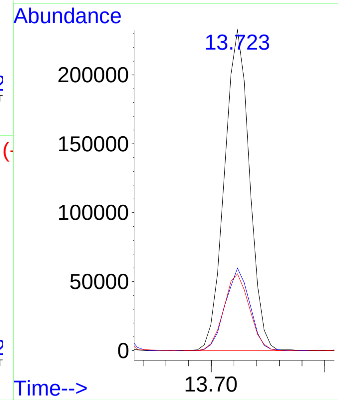


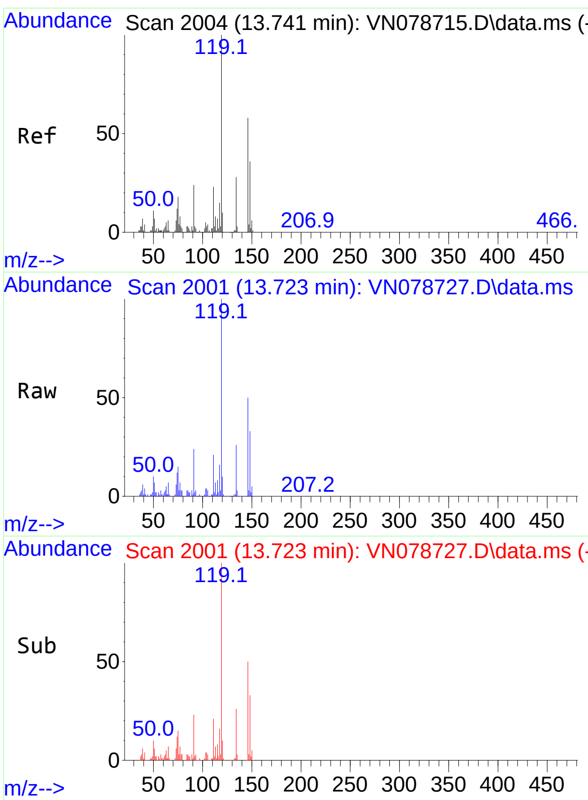
#82
p-Isopropyltoluene
Concen: 10.528 ug/l
RT: 13.723 min Scan# 2
Delta R.T. -0.012 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 357315

Ion	Ratio	Lower	Upper
119	100		
134	25.2	0.0	52.4
91	24.5	0.0	48.2

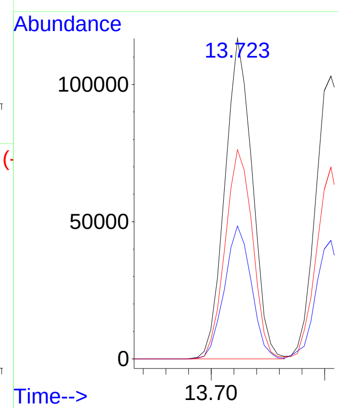


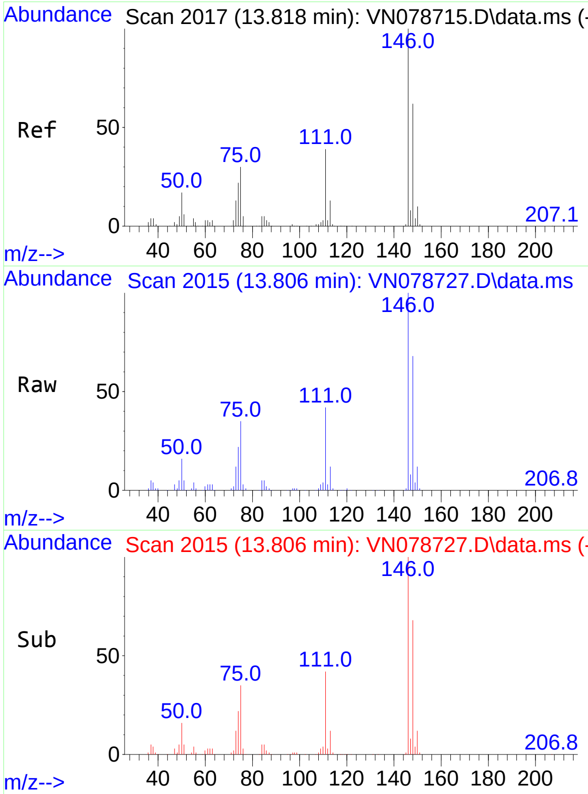


#83
1,3-Dichlorobenzene
Concen: 10.743 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.018 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion:146 Resp: 195980

Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.6	64.6
148	65.5	31.9	95.5



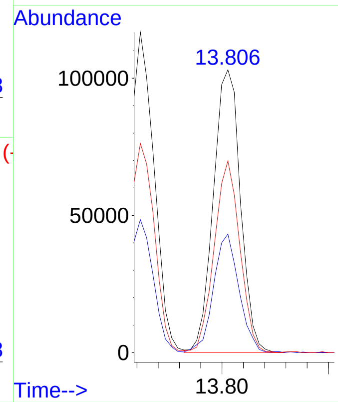


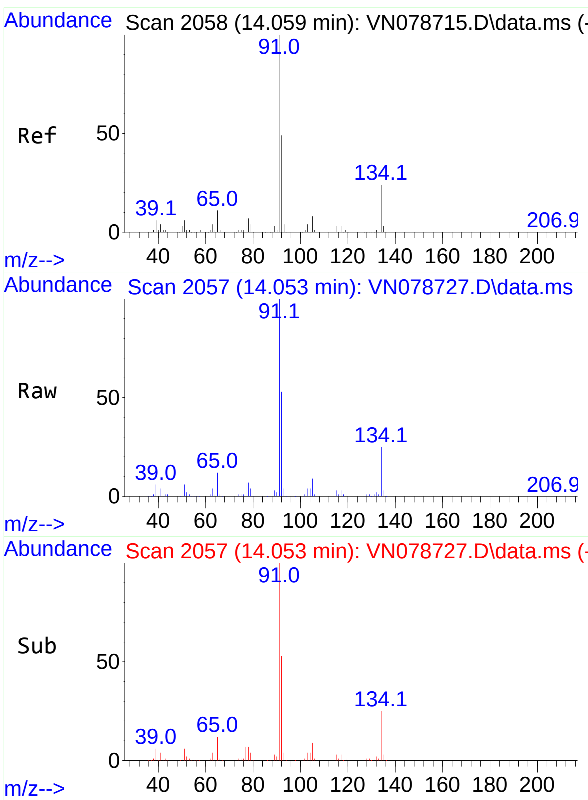
#84
1,4-Dichlorobenzene
Concen: 10.690 ug/l
RT: 13.806 min Scan# 20
Delta R.T.   -0.012 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:146 Resp: 182574

Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.2
148	64.1	31.4	94.3

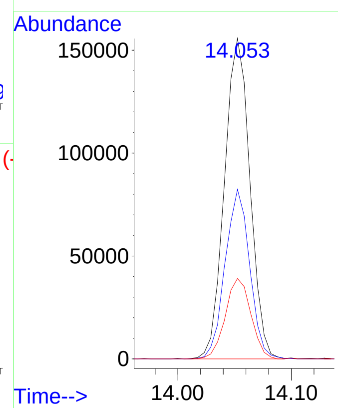


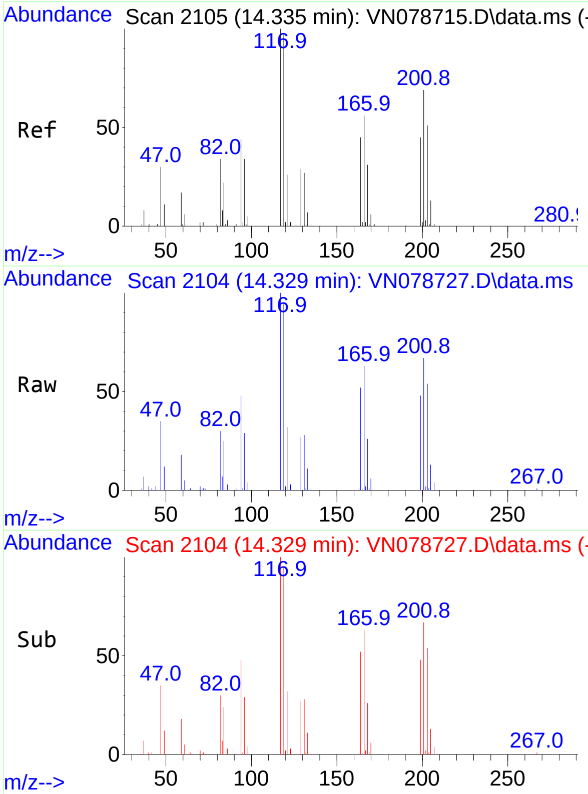


#85
n-Butylbenzene
Concen: 10.359 ug/l
RT: 14.053 min Scan# 2057
Delta R.T.   -0.006 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion: 91 Resp: 243792

Ion	Ratio	Lower	Upper
91	100		
92	50.9	0.0	99.6
134	25.1	0.0	50.0



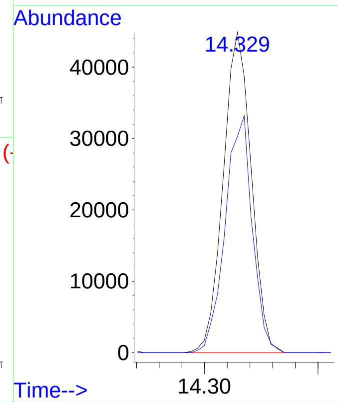


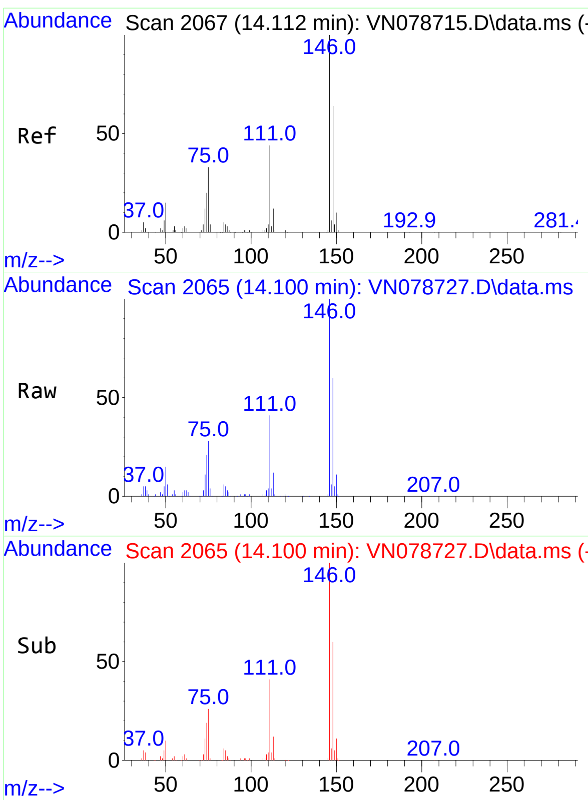
#86
Hexachloroethane
Concen: 12.467 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:117 Resp: 77095

Ion	Ratio	Lower	Upper
117	100		
201	71.6	34.2	102.6

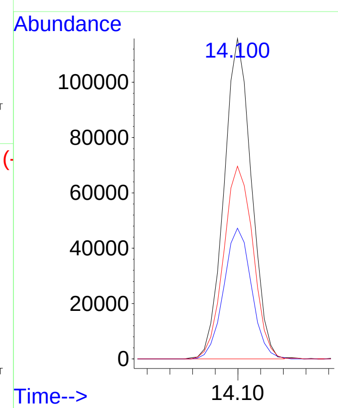


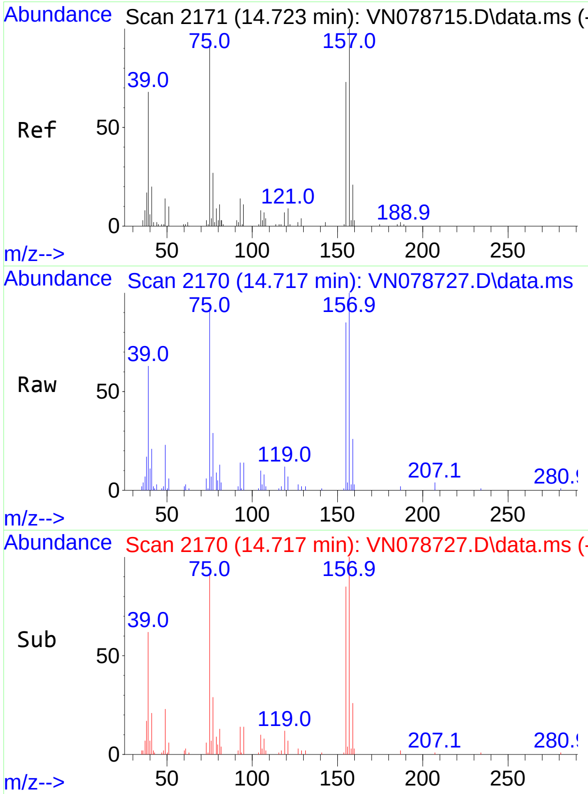


#87
1,2-Dichlorobenzene
Concen: 11.424 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.012 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion:146 Resp: 195047

Ion	Ratio	Lower	Upper
146	100		
111	41.3	22.4	67.3
148	64.1	33.4	100.1



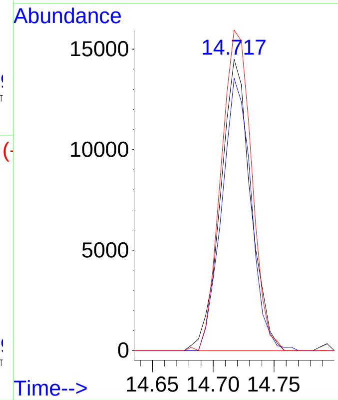


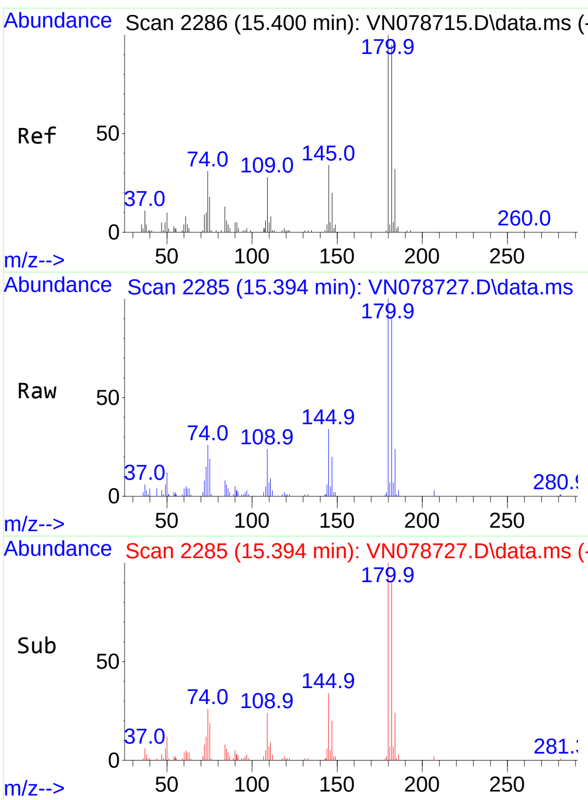
#88
1,2-Dibromo-3-Chloropropane
Concen: 10.785 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 24970

Ion	Ratio	Lower	Upper
75	100		
155	90.8	68.2	102.2
157	112.0	84.7	127.1

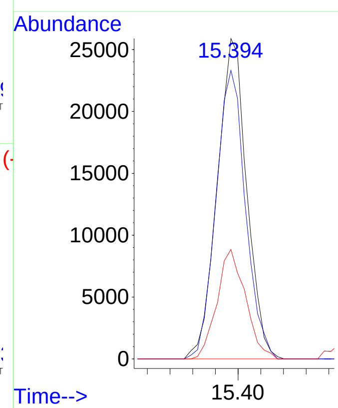


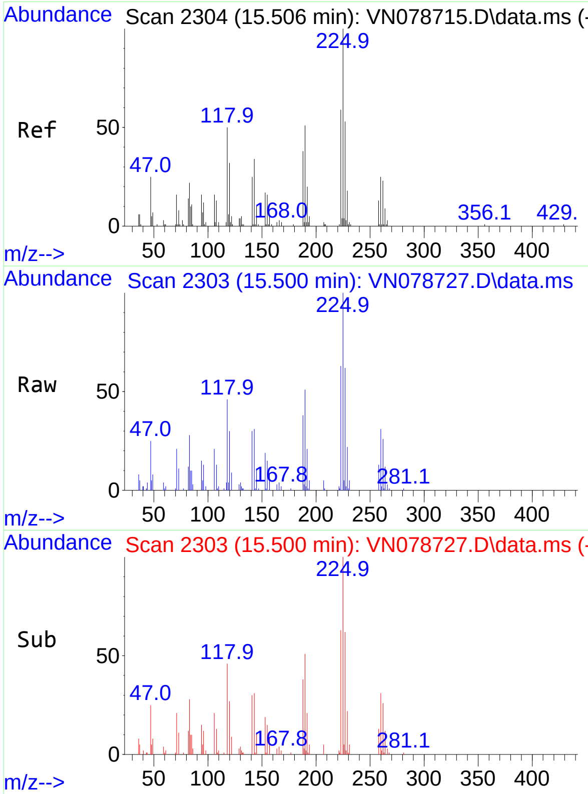


#89
1,2,4-Trichlorobenzene
Concen: 9.608 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.006 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Tgt Ion:180 Resp: 46802

Ion	Ratio	Lower	Upper
180	100		
182	90.1	73.7	110.5
145	33.0	25.0	37.6



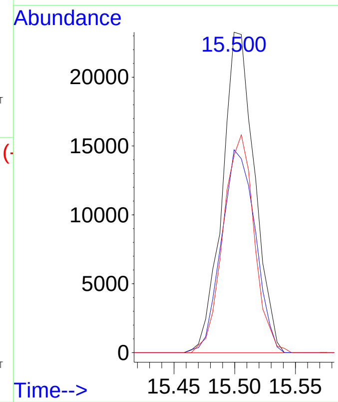


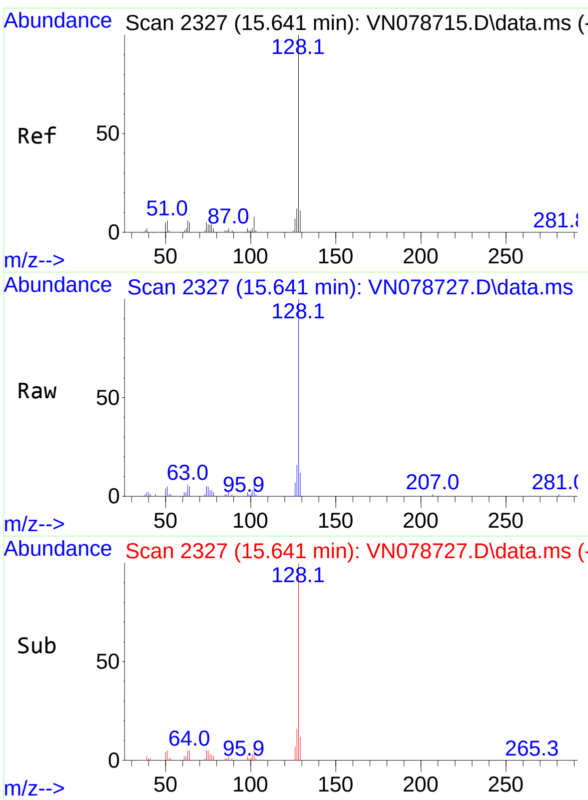
#90
Hexachlorobutadiene
Concen: 11.578 ug/l
RT: 15.500 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:225 Resp: 42967

Ion	Ratio	Lower	Upper
225	100		
223	66.4	0.0	130.0
227	65.5	0.0	124.0

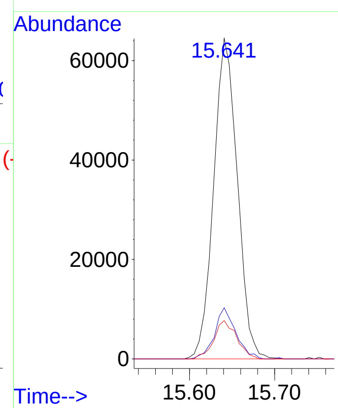


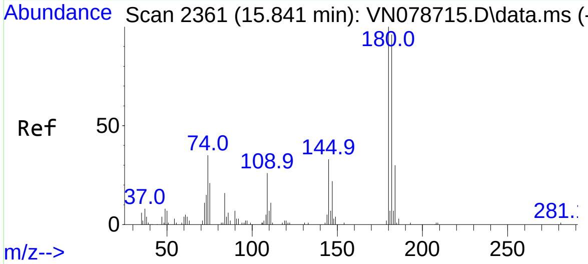


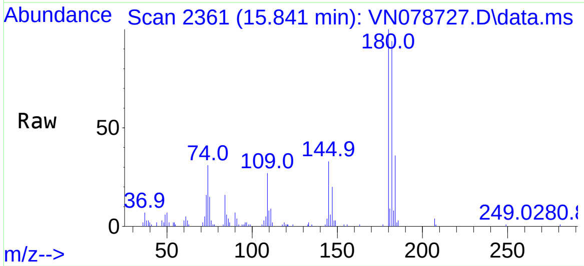
#91
Naphthalene
Concen: 8.464 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

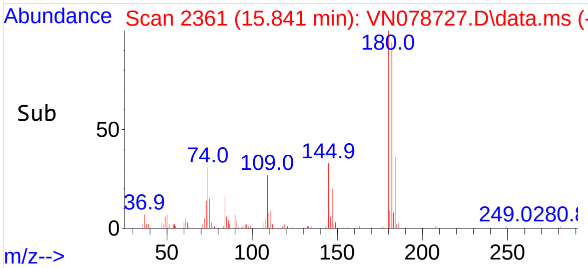
Tgt Ion:128 Resp: 124909

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.2	15.2
129	11.5	9.0	13.4









#92
1,2,3-Trichlorobenzene
Concen: 10.109 ug/l
RT: 15.841 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN078727.D
Acq: 01 Aug 2023 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:180 Resp: 56042

Ion	Ratio	Lower	Upper
180	100		
182	98.6	0.0	196.4
145	31.2	0.0	71.0