Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
Data File : VN082165.D
Acq On : 16 May 2024 16:30
Operator : JC\MD
Sample : PB160937TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

Quant Time: May 17 05:04:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 04:08:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	171952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	305900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	138684	51.078	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.160%			
35) Dibromofluoromethane	8.171	113	98010	52.084	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.160%			
50) Toluene-d8	10.565	98	394497	54.681	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.360%			
62) 4-Bromofluorobenzene	12.847	95	132543	51.472	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 102.940%			
Target Compounds						Qvalue
5) Bromomethane	2.983	94	348	0.229	ug/l #	80
6) Chloroethane	3.036	64	547	0.317	ug/l #	44
11) Tert butyl alcohol	5.518	59	249	0.571	ug/l #	71
13) Acrolein	4.189	56	125	0.387	ug/l #	15
16) Acetone	4.430	43	37455	33.628	ug/l	93
17) Carbon Disulfide	4.718	76	3706	0.611	ug/l #	74
18) Methyl Acetate	5.042	43	1745	0.629	ug/l #	56
20) Methylene Chloride	5.271	84	15864	7.059	ug/l	88
25) 2-Butanone	7.494	43	4075	2.413	ug/l #	74
31) Cyclohexane	8.230	56	4992	1.151	ug/l #	39
36) 1,1-Dichloropropene	8.230	75	16914	5.359	ug/l #	49
37) Ethyl Acetate	7.565	43	5600	1.586	ug/l #	83
38) Carbon Tetrachloride	8.224	117	18613	5.818	ug/l #	18
42) 1,2-Dichloroethane	8.677	62	1879	0.519	ug/l #	73
43) Isopropyl Acetate	8.688	43	607230	97.027	ug/l #	64
45) 1,2-Dichloropropane	9.741	63	1972	0.812	ug/l #	45
48) Methyl methacrylate	9.665	41	6040	2.025	ug/l #	39
49) 1,4-Dioxane	9.735	88	171	4.092	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	8339	2.345	ug/l	91
53) t-1,3-Dichloropropene	10.729	75	1221	0.351	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	63881	17.338	ug/l #	75
56) Ethyl methacrylate	10.994	69	1566	0.449	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	8046	2.097	ug/l #	42
59) 2-Hexanone	11.171	43	180389	69.285	ug/l #	23
74) N-amyl acetate	12.488	43	2160	0.403	ug/l #	40
76) 1,2,3-Trichloropropane	12.853	75	78426	30.404	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	78426	71.113	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.394	180	619	0.278	ug/l	89
94) Hexachlorobutadiene	15.494	225	381	0.389	ug/l	66
95) Naphthalene	15.641	128	2745	0.393	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.835	180	546	0.245	ug/l #	70

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
Data File : VN082165.D
Acq On : 16 May 2024 16:30
Operator : JC\MD
Sample : PB160937TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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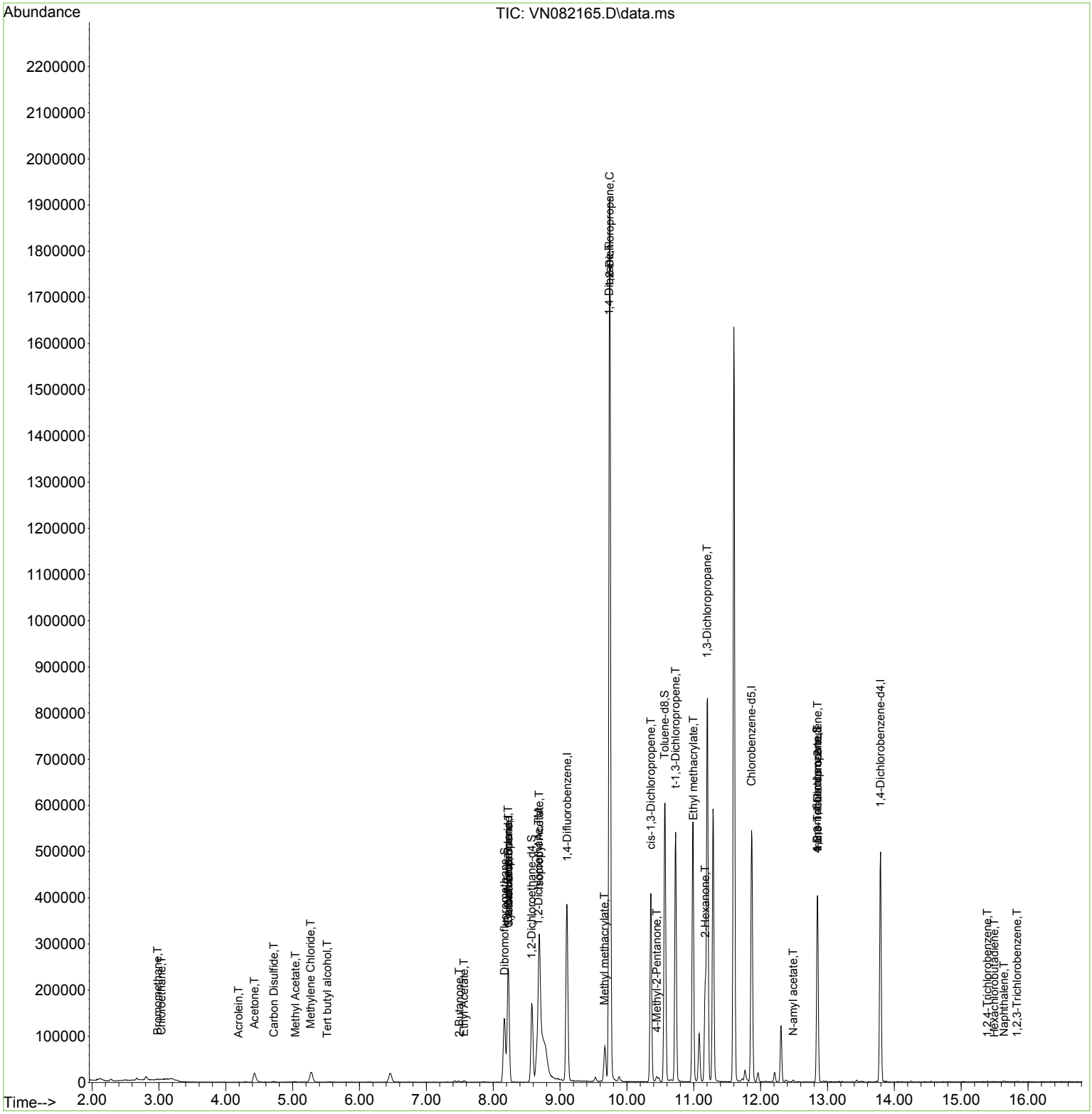
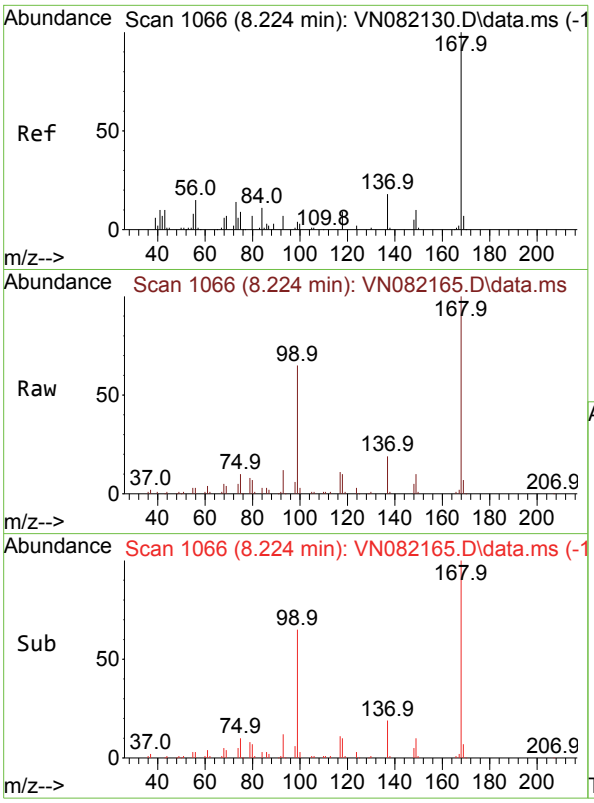
ClientSampleId :
PB160937TB

Quant Time: May 17 05:04:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 04:08:43 2024
Response via : Initial Calibration



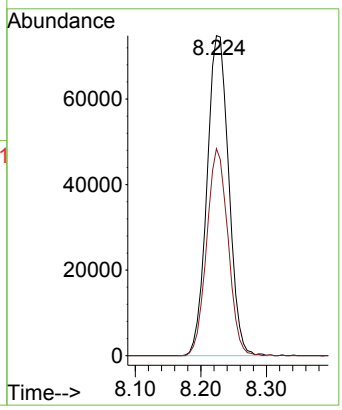


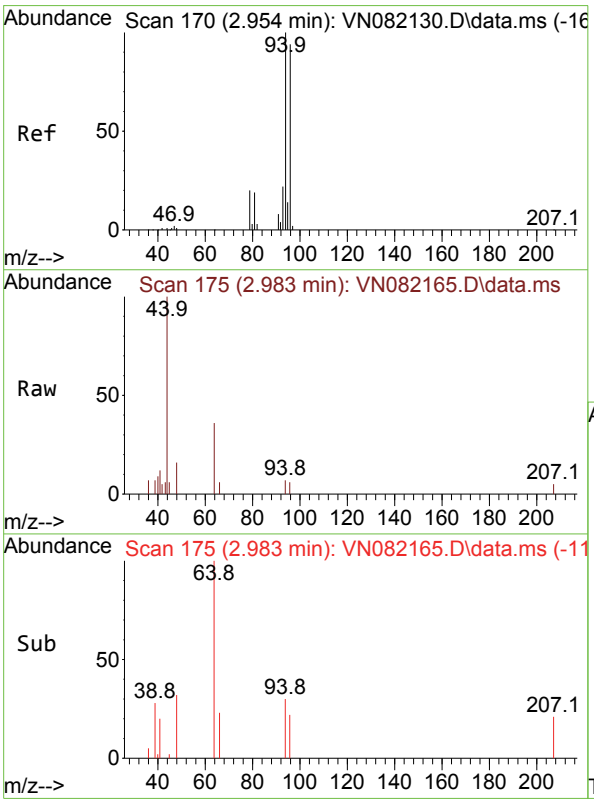
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

Tgt Ion:168 Resp: 171952

Ion	Ratio	Lower	Upper
168	100		
99	64.7	48.2	72.4

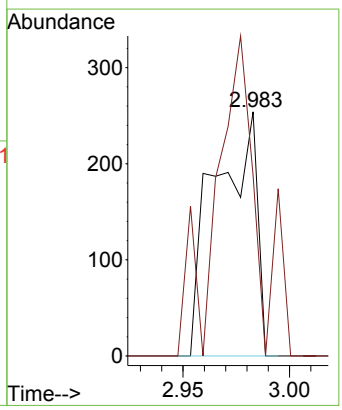


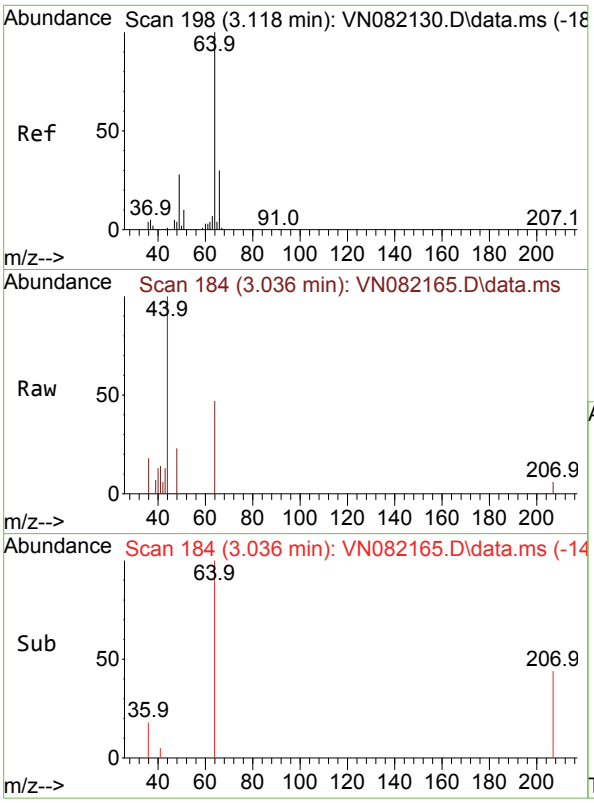


#5
Bromomethane
Concen: 0.229 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.029 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion: 94 Resp: 348

Ion	Ratio	Lower	Upper
94	100		
96	74.0	74.8	112.2#



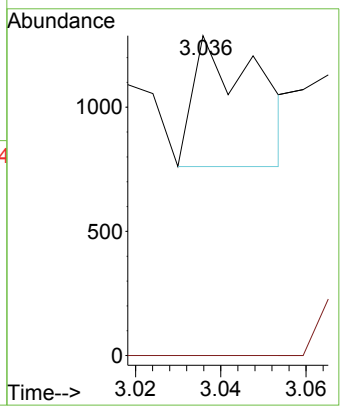


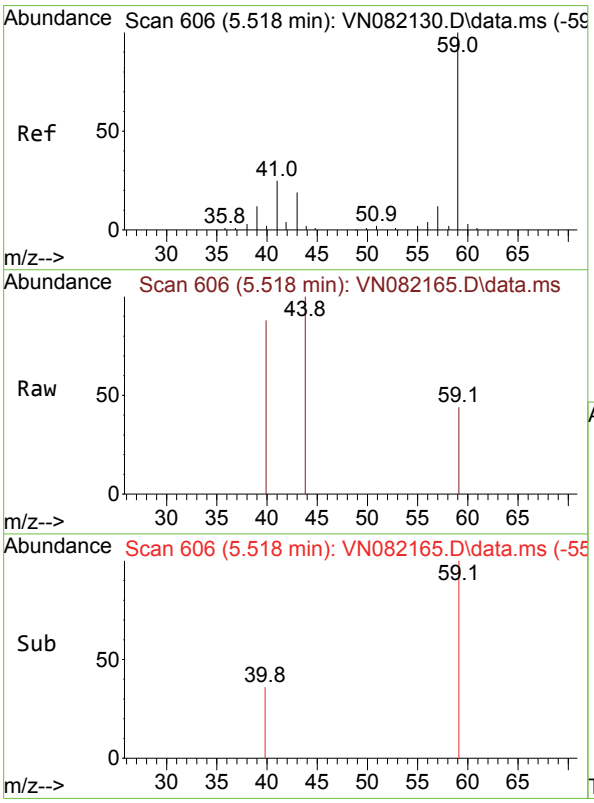
#6
Chloroethane
Concen: 0.317 ug/l
RT: 3.036 min Scan# 1
Delta R.T. -0.082 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

Tgt Ion: 64 Resp: 547

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.7	37.1#

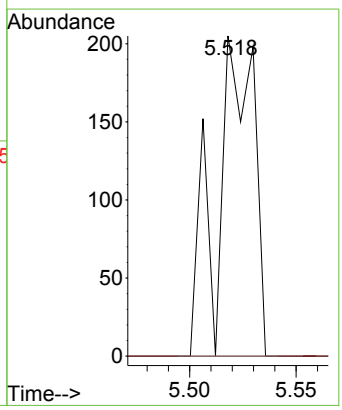


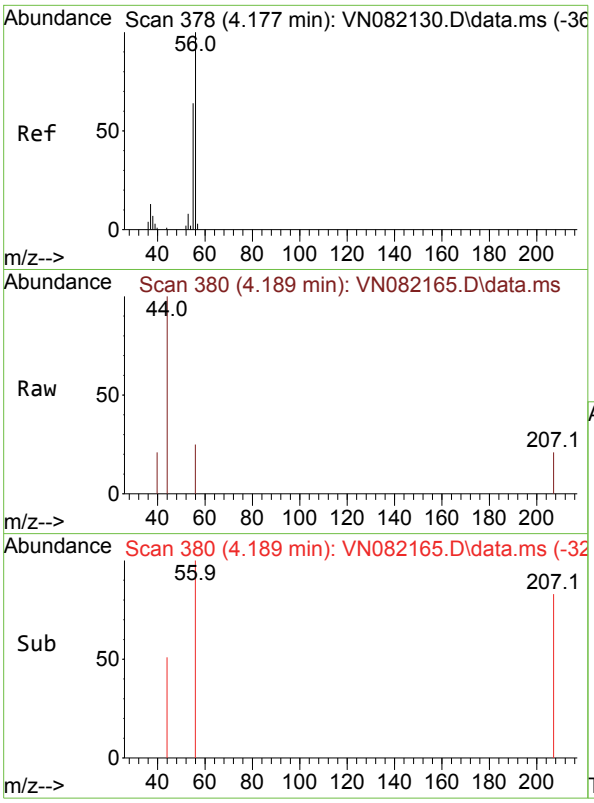


#11
Tert butyl alcohol
Concen: 0.571 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion: 59 Resp: 249

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.9	13.3#



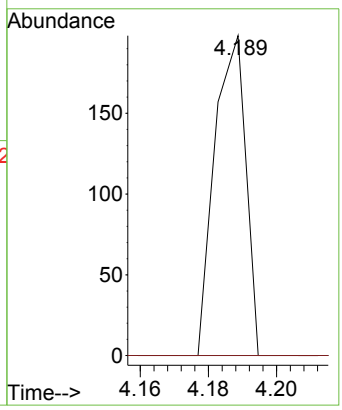


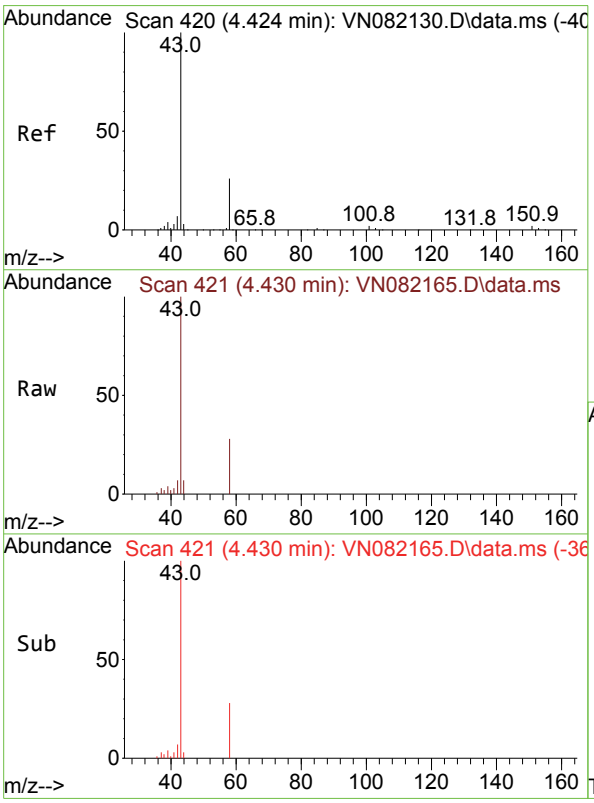
#13
Acrolein
Concen: 0.387 ug/l
RT: 4.189 min Scan# 3
Delta R.T. 0.012 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

Tgt Ion: 56 Resp: 125

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.8	83.8#

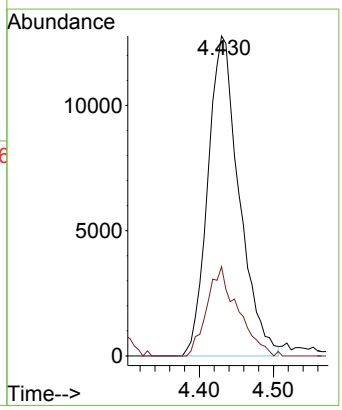


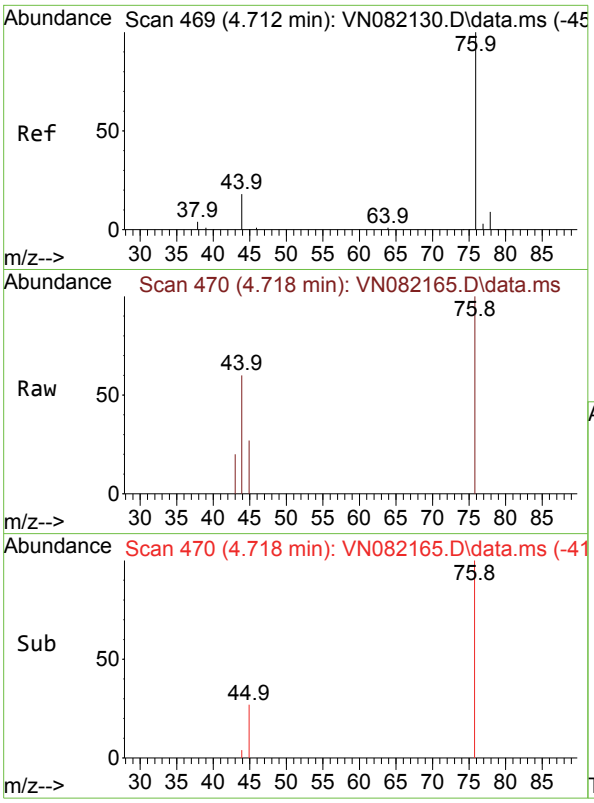


#16
Acetone
Concen: 33.628 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion: 43 Resp: 37455

Ion	Ratio	Lower	Upper
43	100		
58	27.9	25.2	37.8



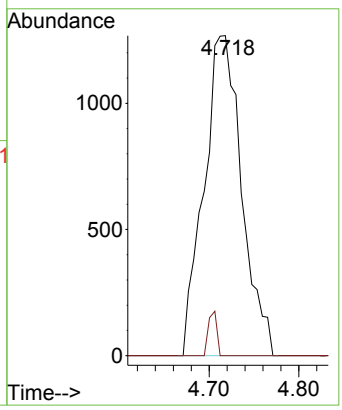


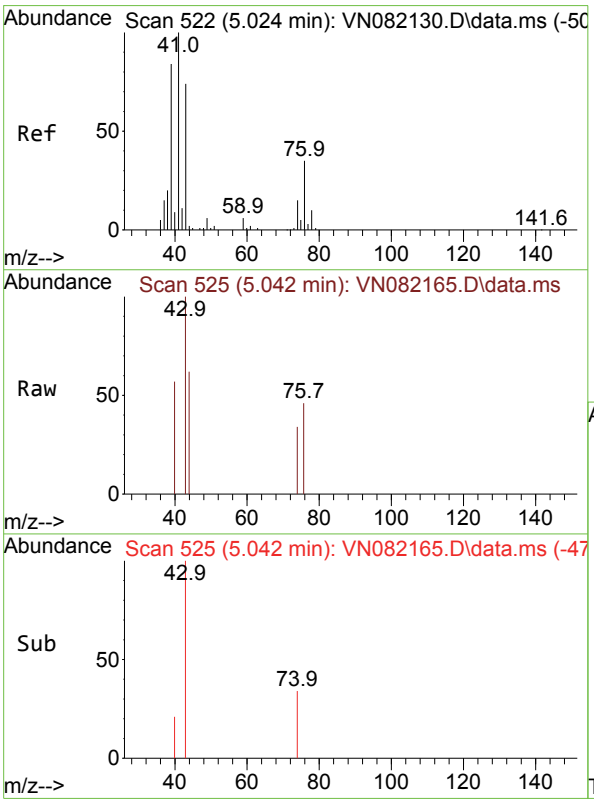
#17
Carbon Disulfide
Concen: 0.611 ug/l
RT: 4.718 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

Tgt Ion: 76 Resp: 3706

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.5	11.3#

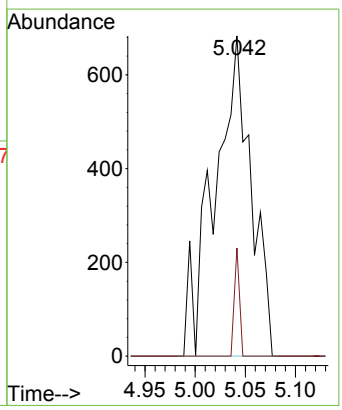


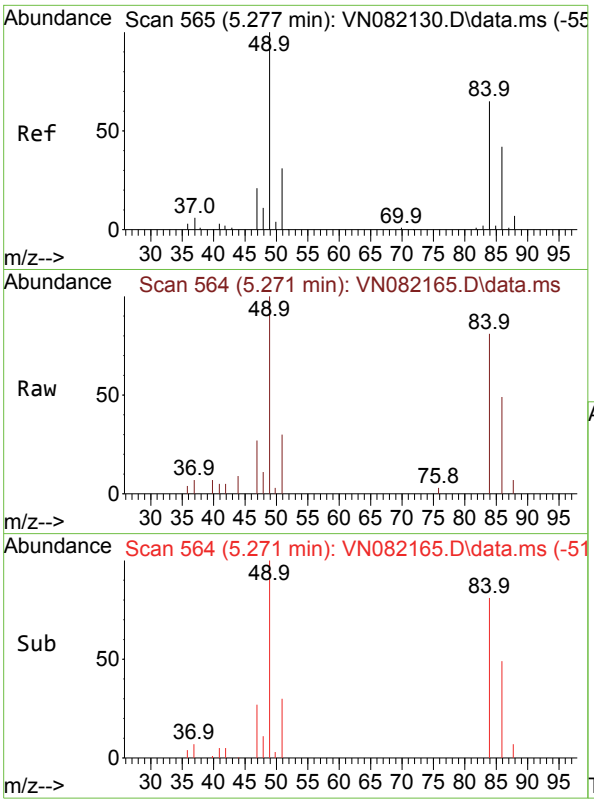


#18
Methyl Acetate
Concen: 0.629 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.018 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion: 43 Resp: 1745

Ion	Ratio	Lower	Upper
43	100		
74	4.7	22.2	33.2#



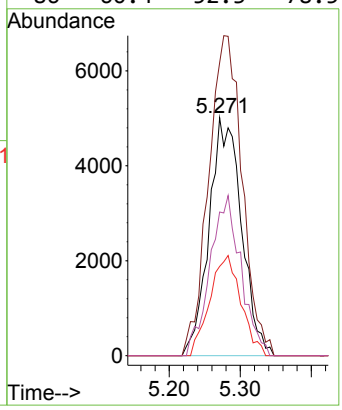


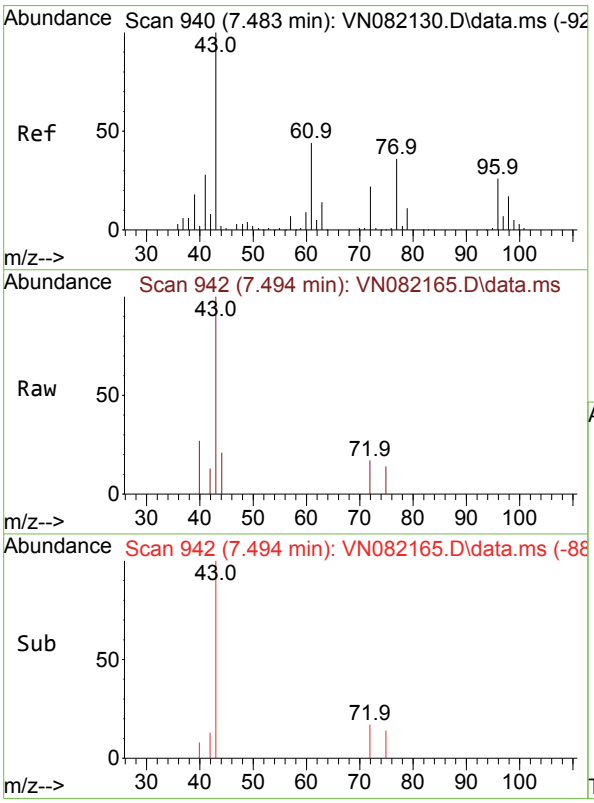
#20
Methylene Chloride
Concen: 7.059 ug/l
RT: 5.271 min Scan# 5
Delta R.T. -0.006 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

Tgt Ion: 84 Resp: 15864

Ion	Ratio	Lower	Upper
84	100		
49	123.1	84.9	127.3
51	37.5	27.0	40.6
86	60.4	52.3	78.5

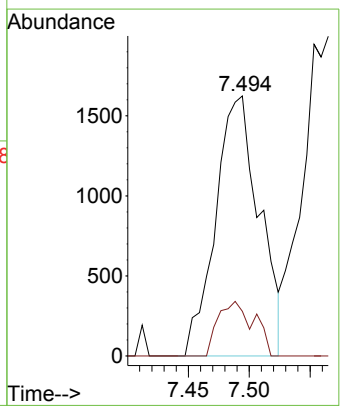


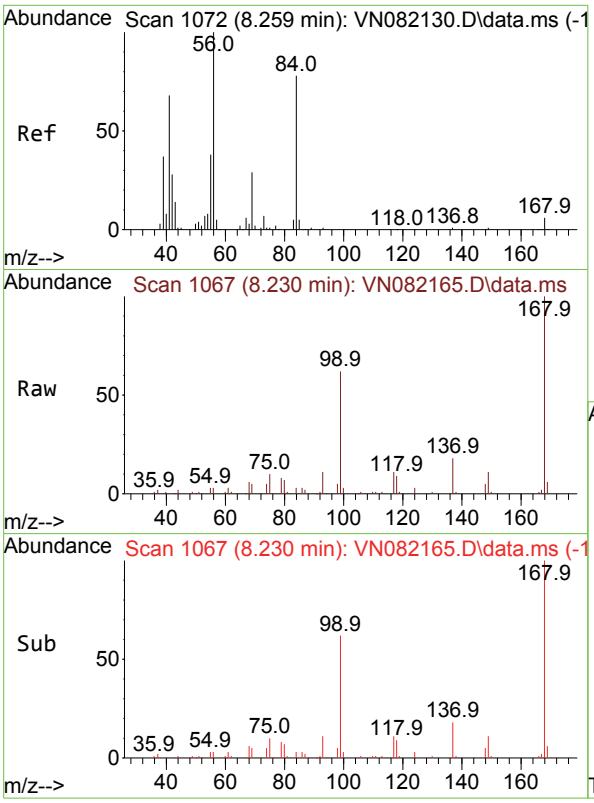


#25
2-Butanone
Concen: 2.413 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion: 43 Resp: 4075

Ion	Ratio	Lower	Upper
43	100		
72	17.2	25.3	37.9#



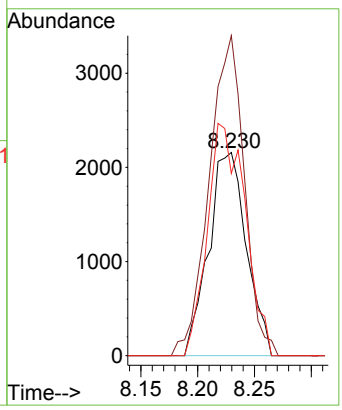


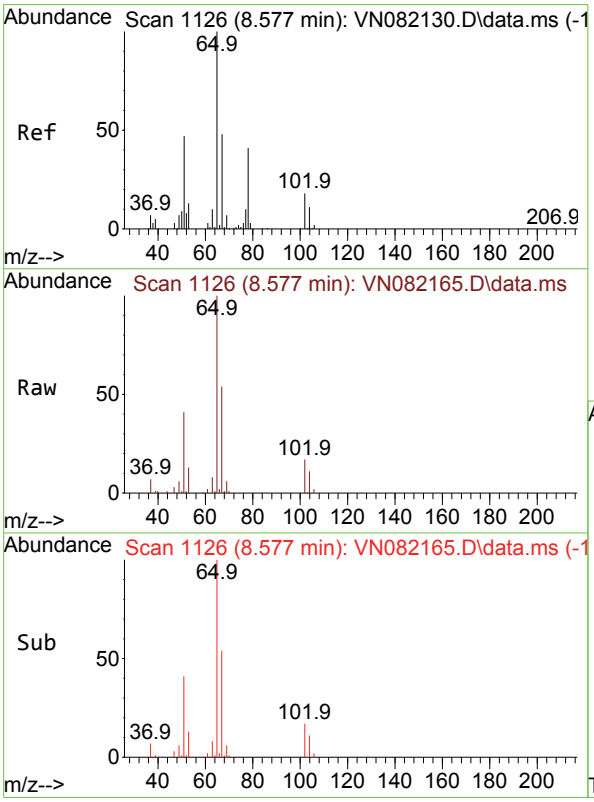
#31
Cyclohexane
Concen: 1.151 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

Tgt Ion: 56 Resp: 4992

Ion	Ratio	Lower	Upper
56	100		
69	157.5	24.4	36.6#
84	89.7	77.0	115.4

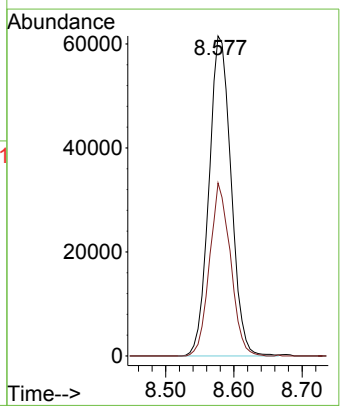


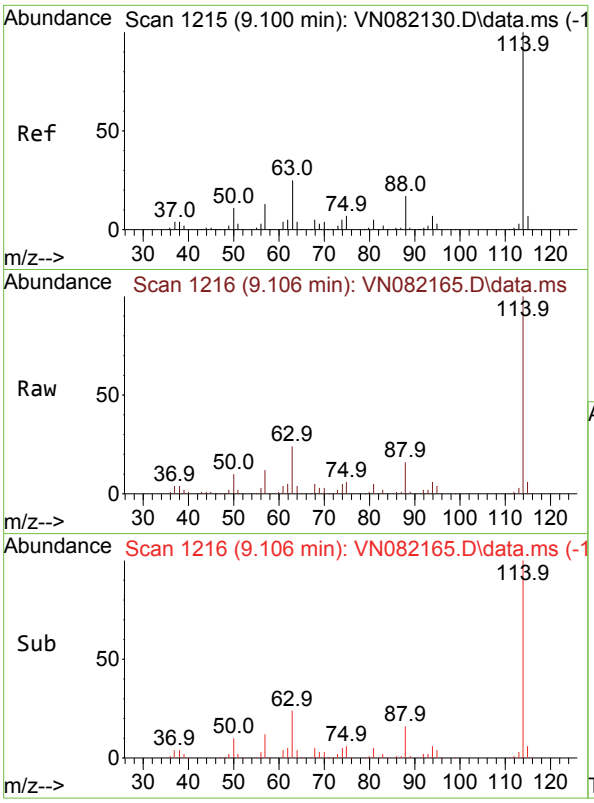


#33
1,2-Dichloroethane-d4
Concen: 51.078 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion: 65 Resp: 138684

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.0



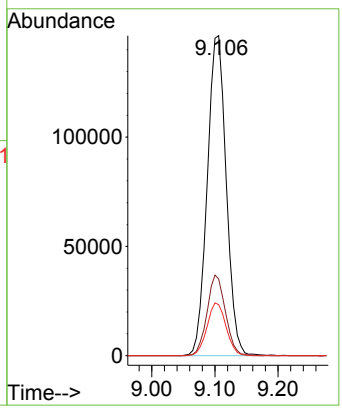


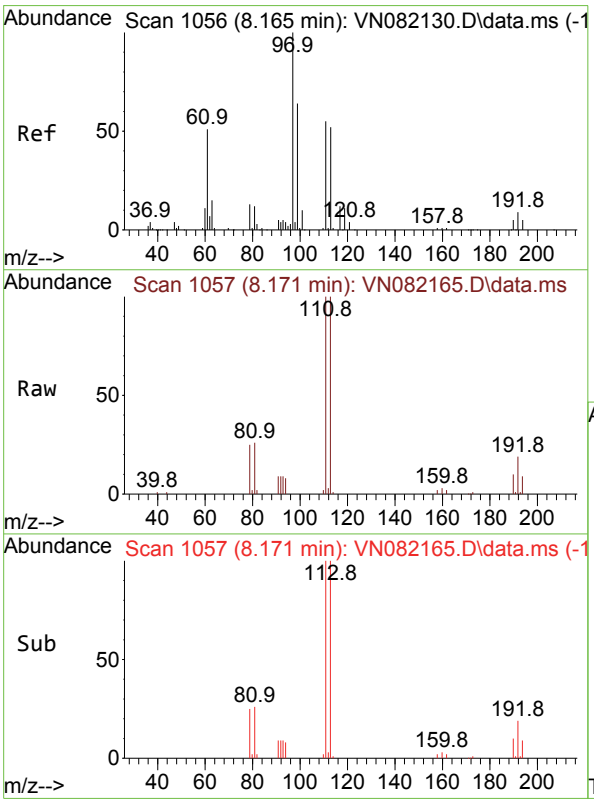
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

Tgt Ion:114 Resp: 305900

Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	41.0
88	16.0	0.0	31.4

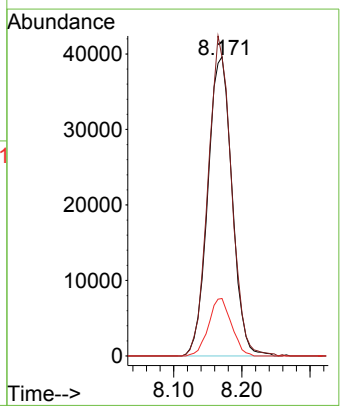


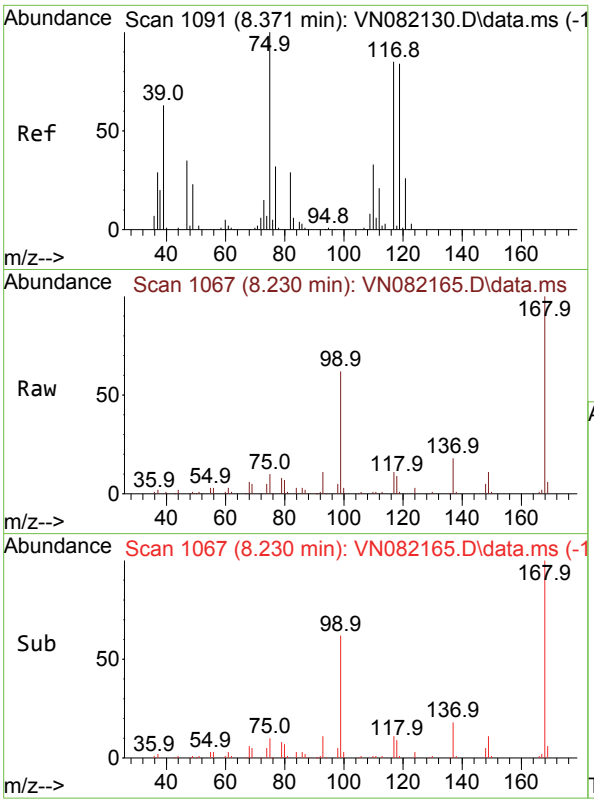


#35
Dibromofluoromethane
Concen: 52.084 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion:113 Resp: 98010

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.4	125.2
192	18.1	14.0	21.0



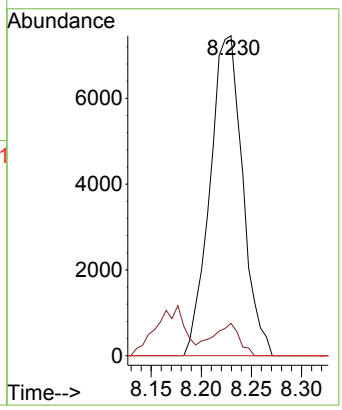


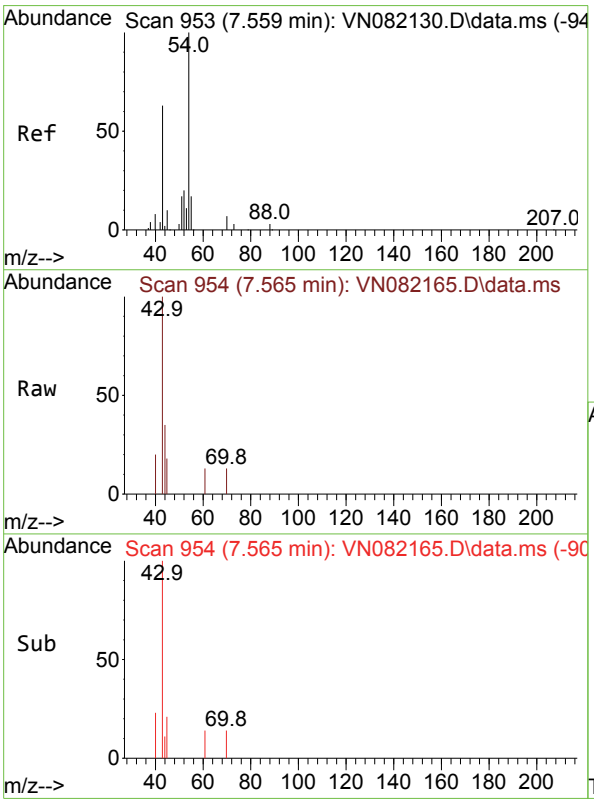
#36
1,1-Dichloropropene
Concen: 5.359 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

Tgt Ion: 75 Resp: 16914

Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.8	53.5#
77	0.0	25.0	37.4#

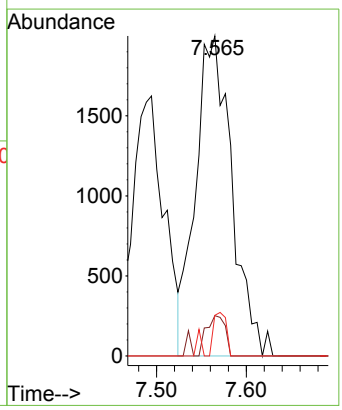


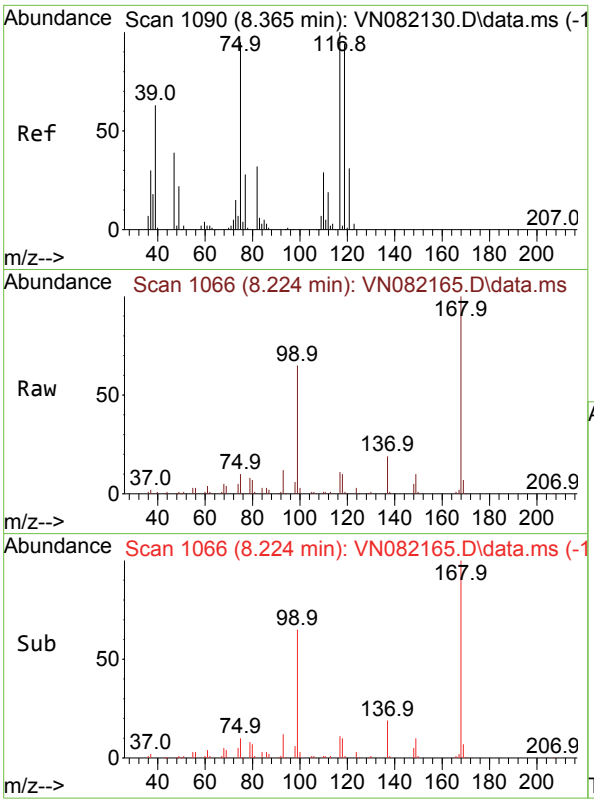


#37
Ethyl Acetate
Concen: 1.586 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion: 43 Resp: 5600

Ion	Ratio	Lower	Upper
43	100		
61	6.5	11.3	16.9#
70	4.8	8.7	13.1#



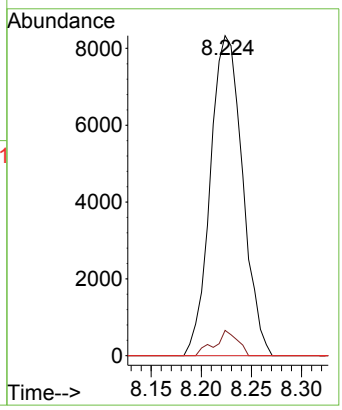


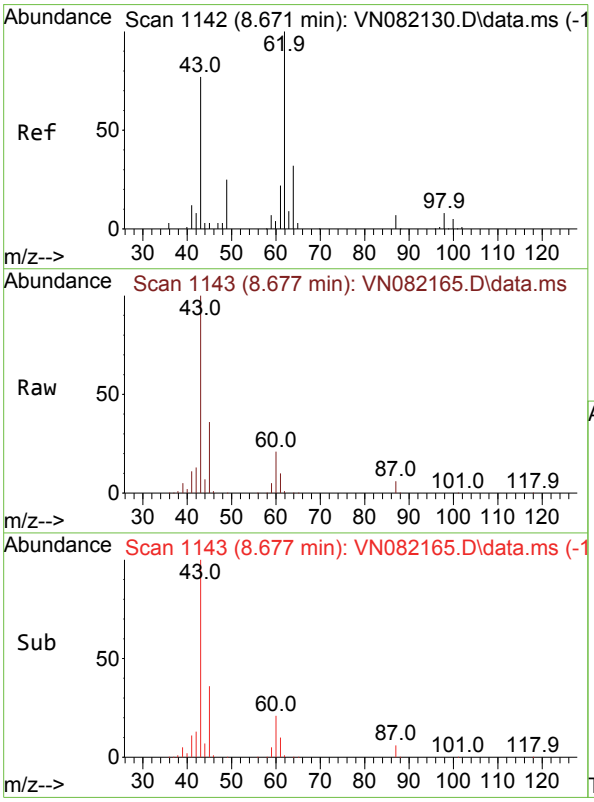
#38
Carbon Tetrachloride
Concen: 5.818 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

Tgt Ion:117 Resp: 18613

Ion	Ratio	Lower	Upper
117	100		
119	7.9	76.5	114.7#
121	0.0	23.9	35.9#

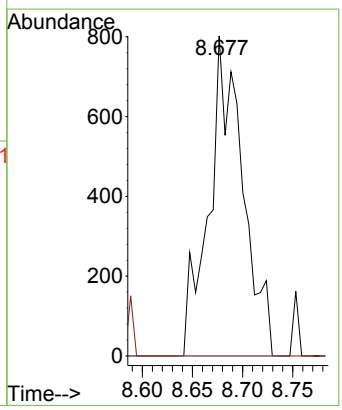


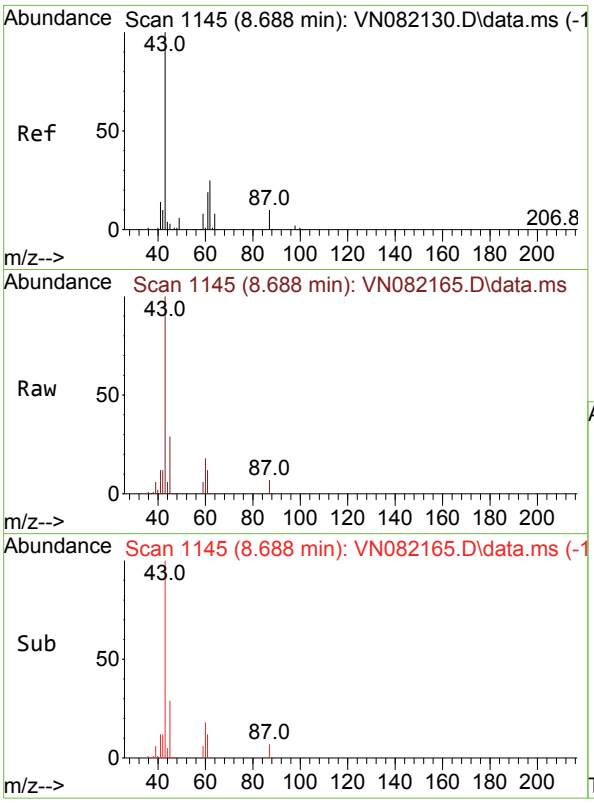


#42
1,2-Dichloroethane
Concen: 0.519 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion: 62 Resp: 1879

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.6



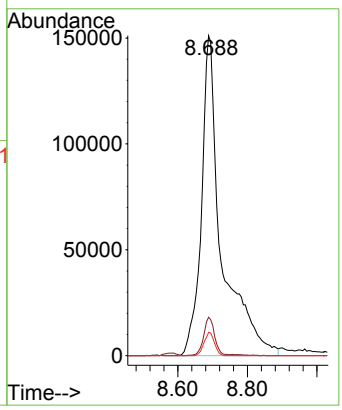


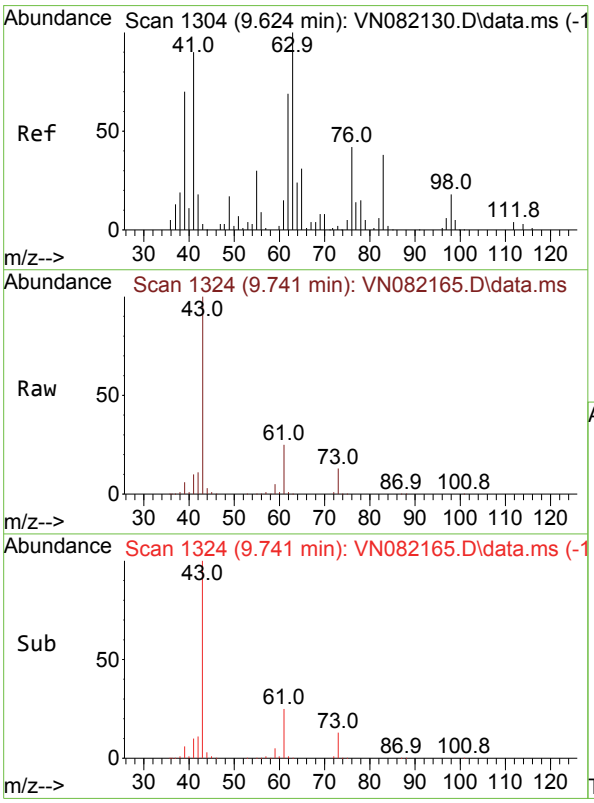
#43
Isopropyl Acetate
Concen: 97.027 ug/l
RT: 8.688 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

Tgt Ion: 43 Resp: 607230

Ion	Ratio	Lower	Upper
43	100		
61	6.5	22.8	34.2#
87	3.8	12.0	18.0#

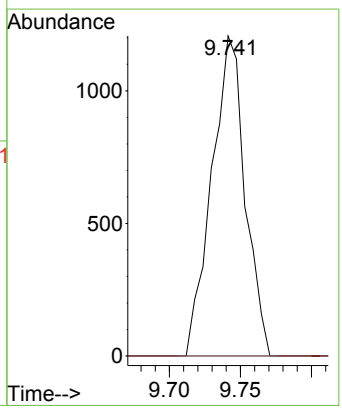


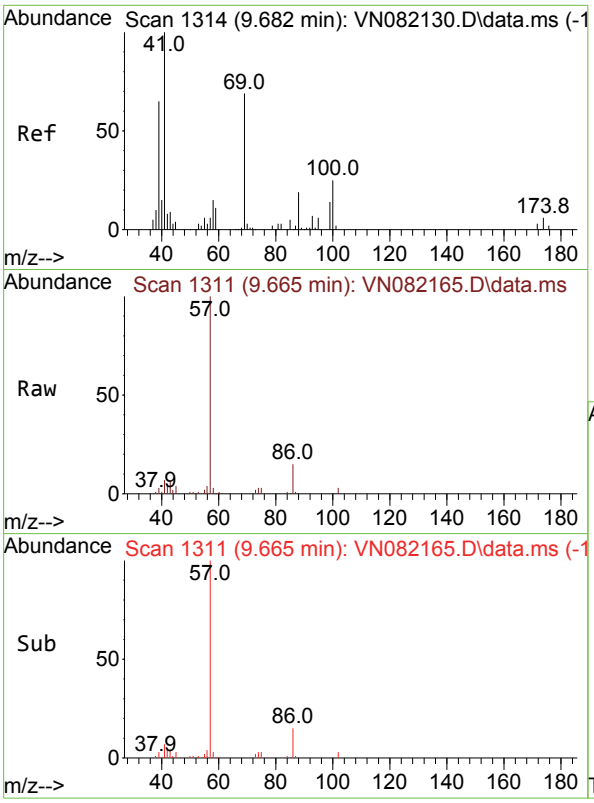


#45
1,2-Dichloropropane
Concen: 0.812 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.118 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion: 63 Resp: 1972

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.1	36.1#



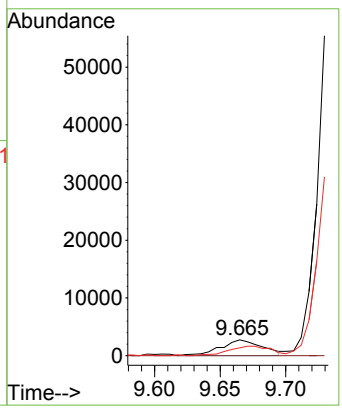


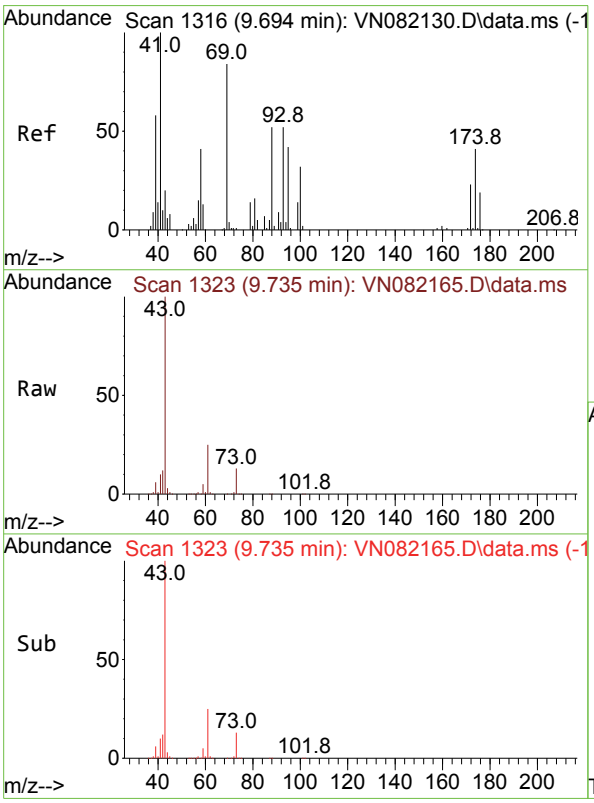
#48
Methyl methacrylate
Concen: 2.025 ug/l
RT: 9.665 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

Tgt Ion: 41 Resp: 6040

Ion	Ratio	Lower	Upper
41	100		
69	0.0	77.9	116.9#
39	62.0	50.9	76.3

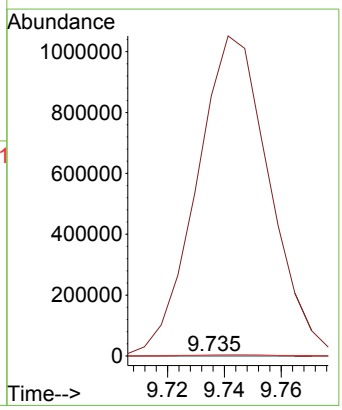


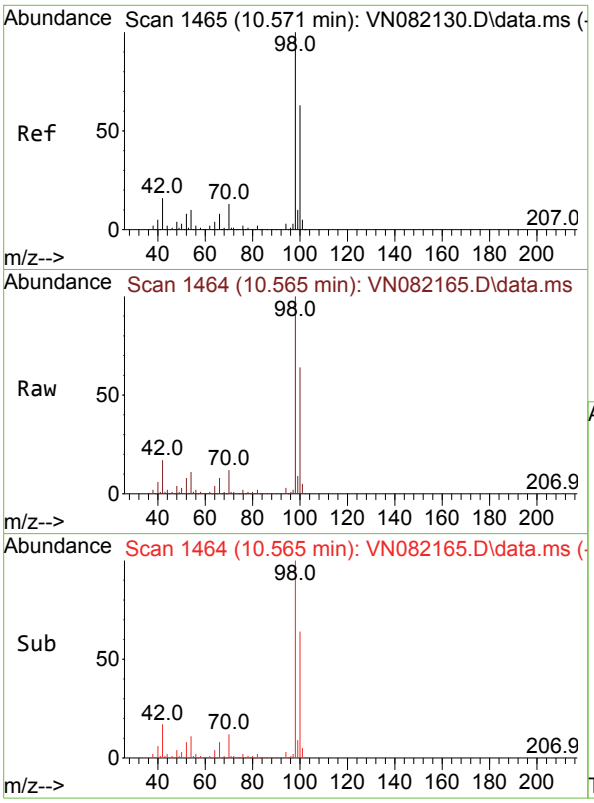


#49
1,4-Dioxane
Concen: 4.092 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.041 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion: 88 Resp: 171

Ion	Ratio	Lower	Upper
88	100		
43	1100704.7	19.0	28.6#
58	4293.6	50.6	76.0#



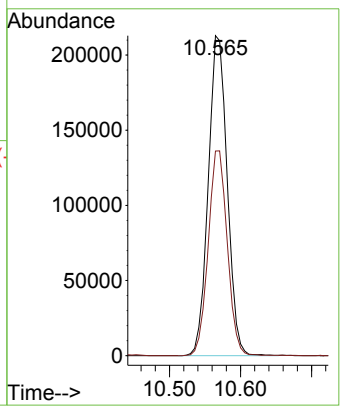


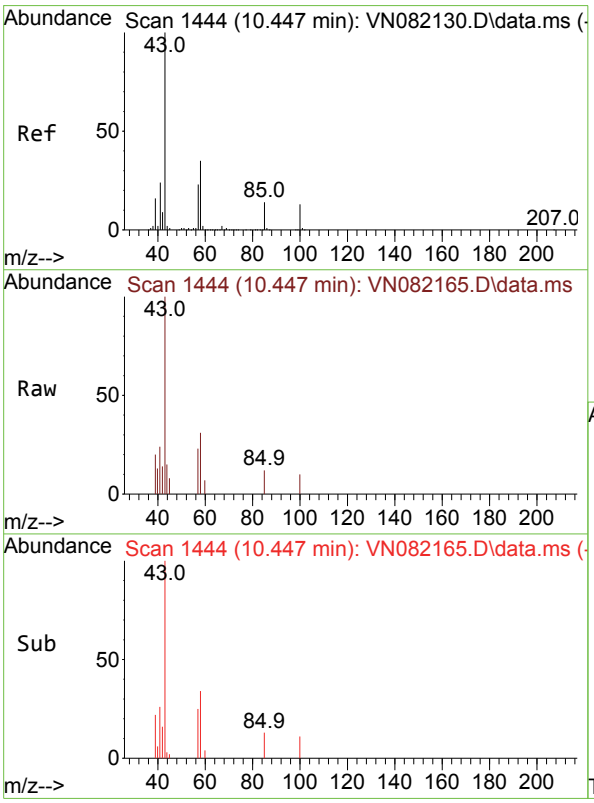
#50
Toluene-d8
Concen: 54.681 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

Tgt Ion: 98 Resp: 394497

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.8	77.6

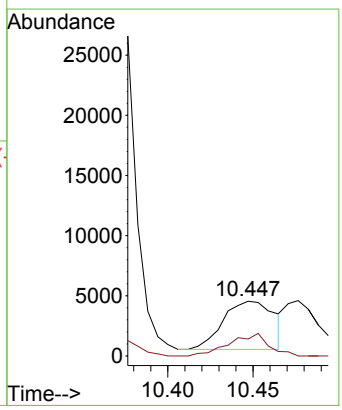


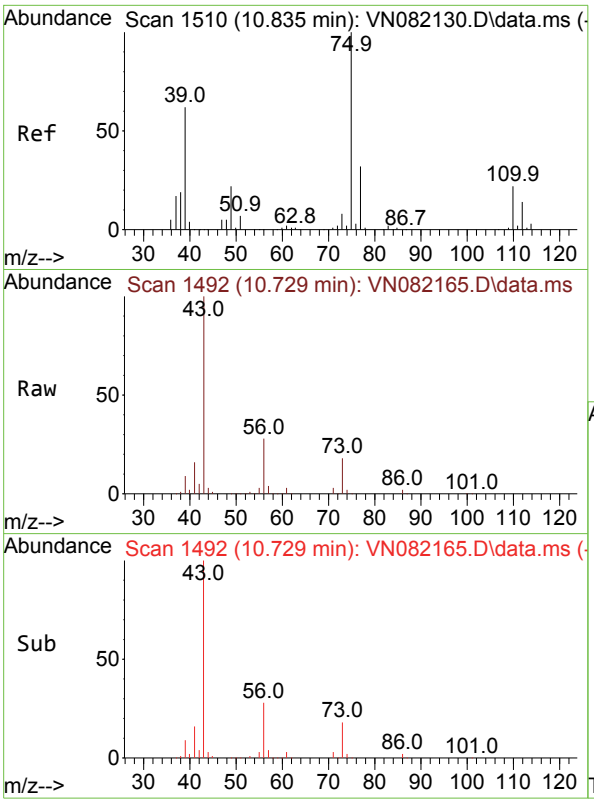


#51
4-Methyl-2-Pentanone
Concen: 2.345 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion: 43 Resp: 8339

Ion	Ratio	Lower	Upper
43	100		
58	35.7	33.2	49.8



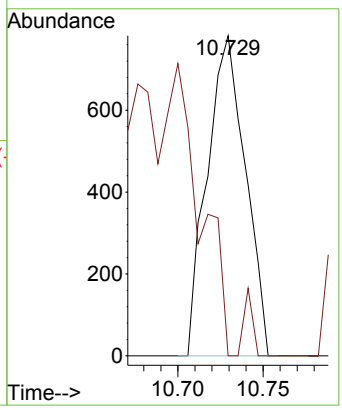


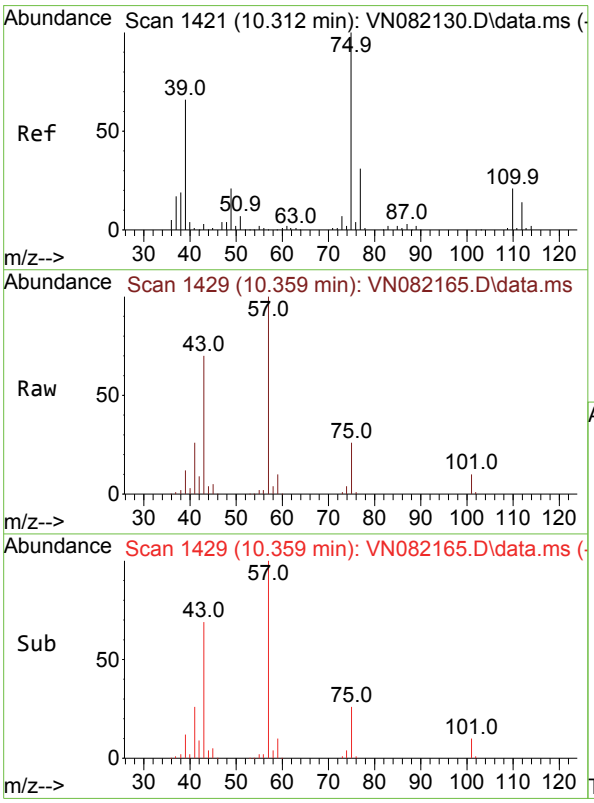
#53
t-1,3-Dichloropropene
Concen: 0.351 ug/l
RT: 10.729 min Scan# 14
Delta R.T. -0.106 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

Tgt Ion: 75 Resp: 1221

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#

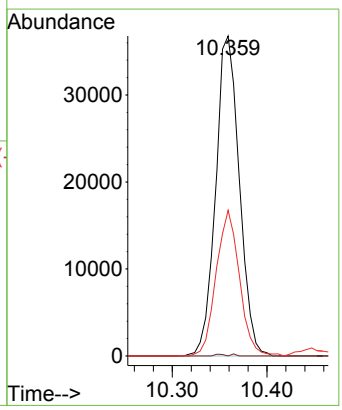


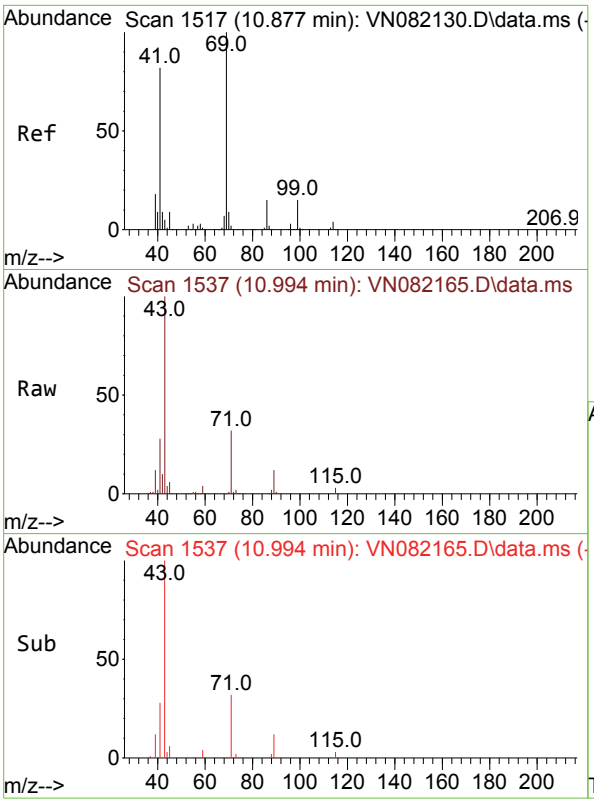


#54
cis-1,3-Dichloropropene
Concen: 17.338 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion: 75 Resp: 63881

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#
39	45.5	34.8	52.2



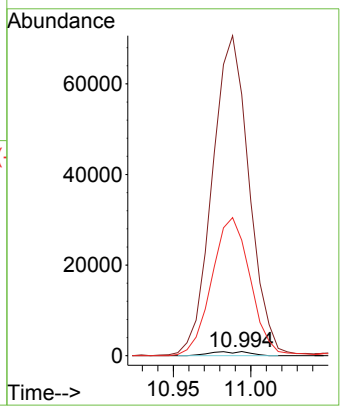


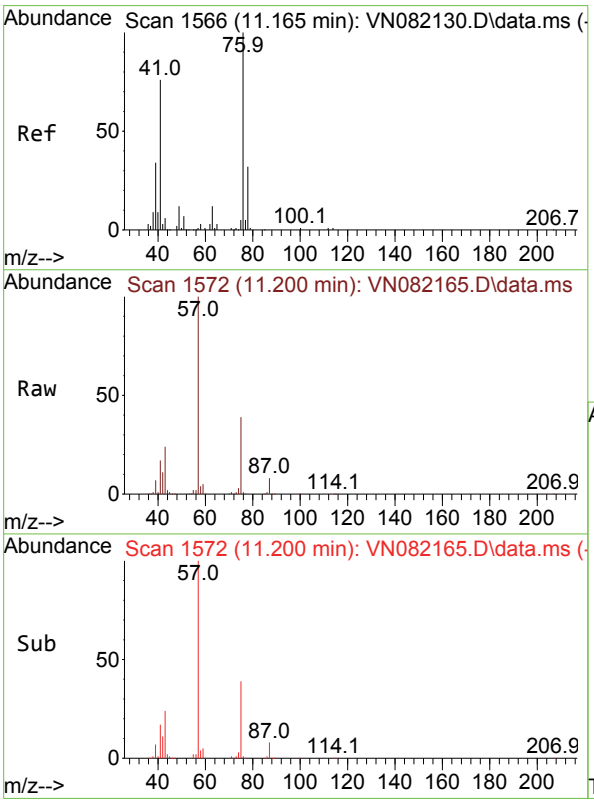
#56
Ethyl methacrylate
Concen: 0.449 ug/l
RT: 10.994 min Scan# 1
Delta R.T. 0.118 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

Tgt Ion: 69 Resp: 1566

Ion	Ratio	Lower	Upper
69	100		
41	7499.8	46.6	70.0#
39	3375.2	26.5	39.7#

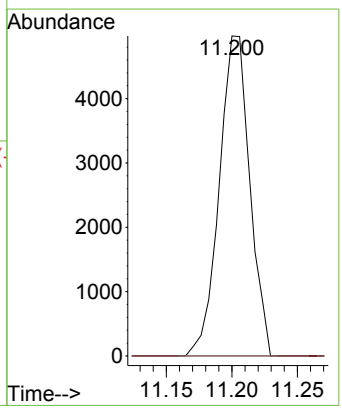


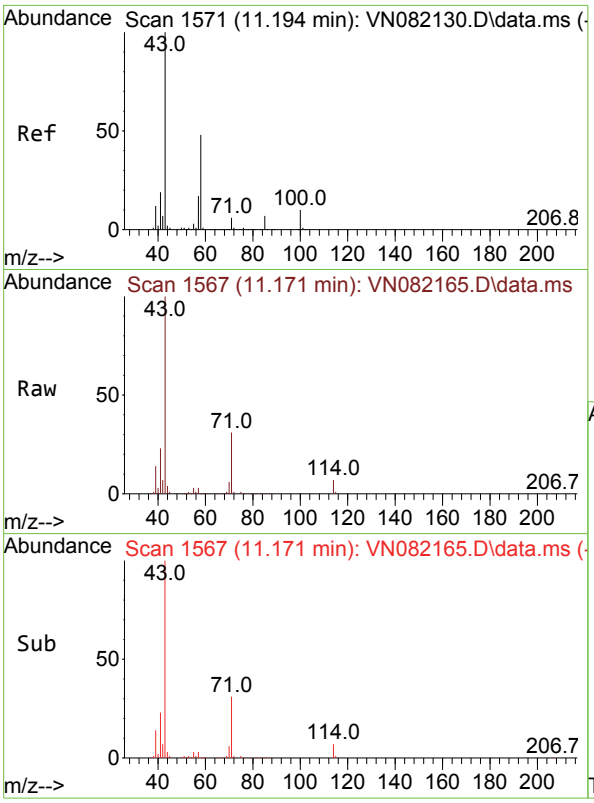


#57
1,3-Dichloropropane
Concen: 2.097 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion: 76 Resp: 8046

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.6#



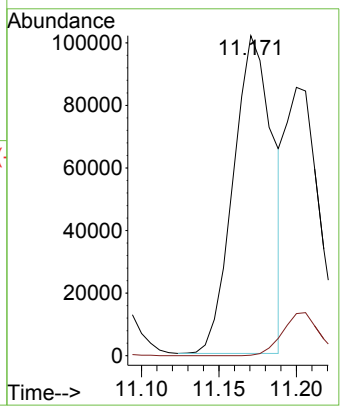


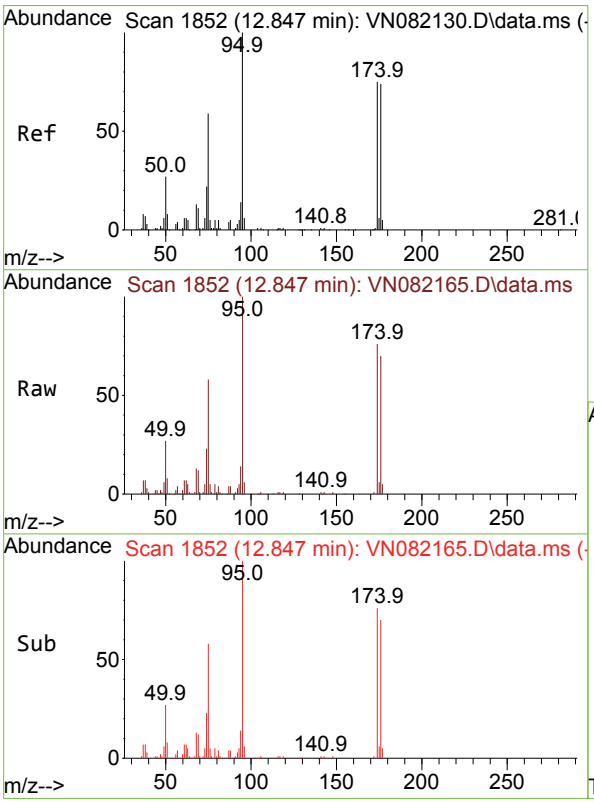
#59
2-Hexanone
Concen: 69.285 ug/l
RT: 11.171 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

Tgt Ion: 43 Resp: 180389

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.3	84.9#

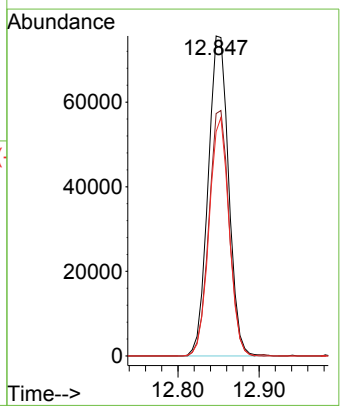


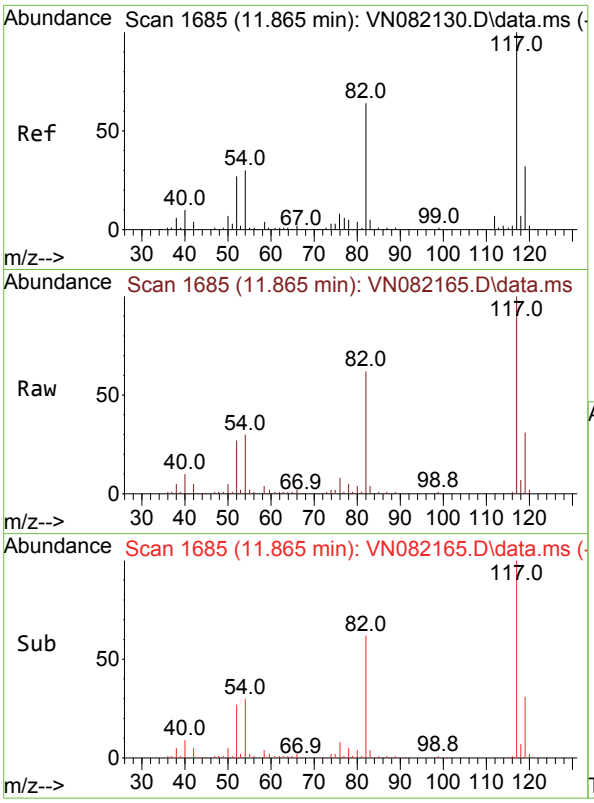


#62
4-Bromofluorobenzene
Concen: 51.472 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion: 95 Resp: 132543

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	160.6
176	72.3	0.0	152.8



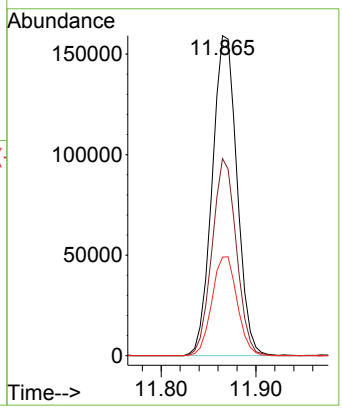


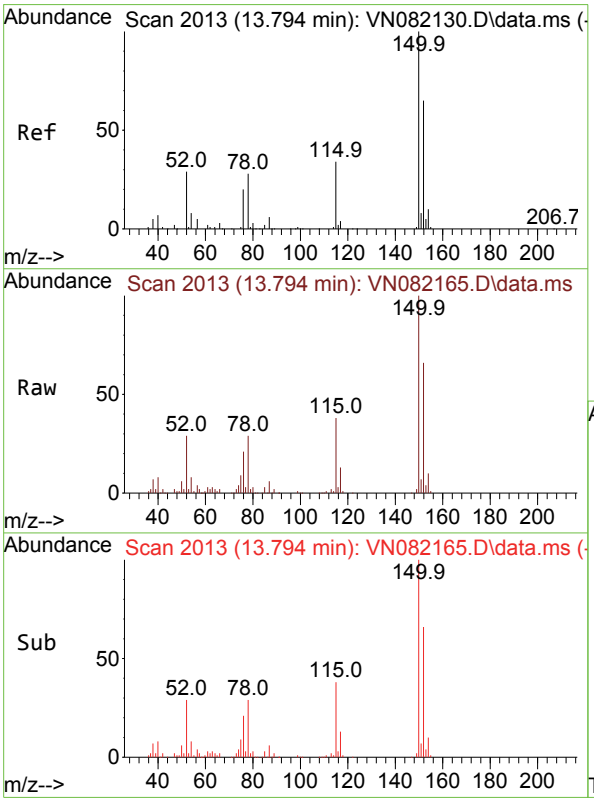
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

Tgt Ion:117 Resp: 290044

Ion	Ratio	Lower	Upper
117	100		
82	61.6	44.6	66.8
119	30.8	25.9	38.9

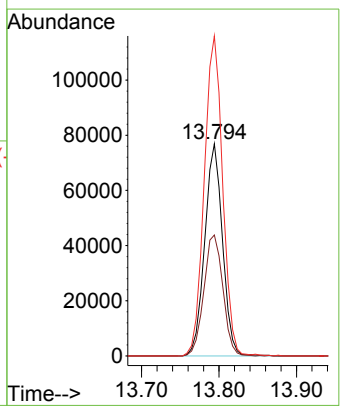


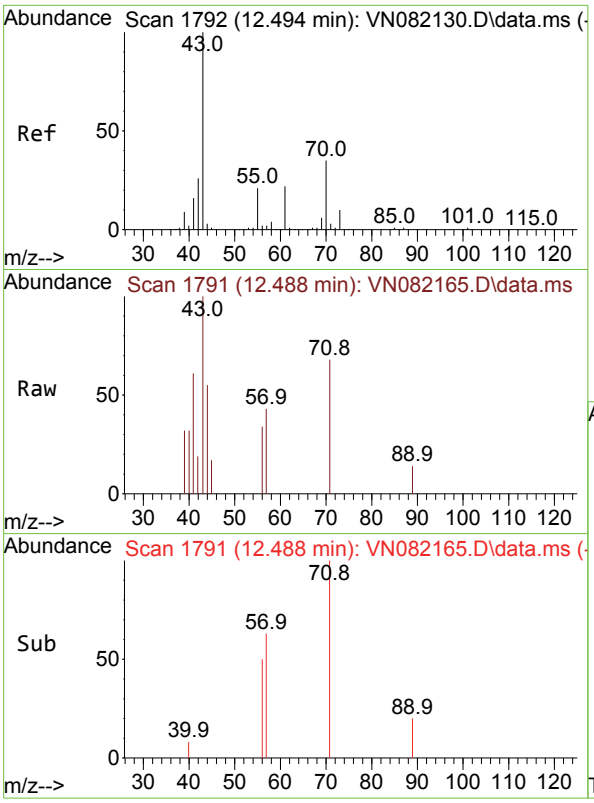


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion:152 Resp: 122555

Ion	Ratio	Lower	Upper
152	100		
115	60.9	30.4	91.3
150	155.8	0.0	353.2



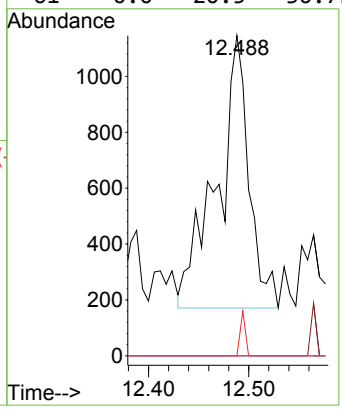


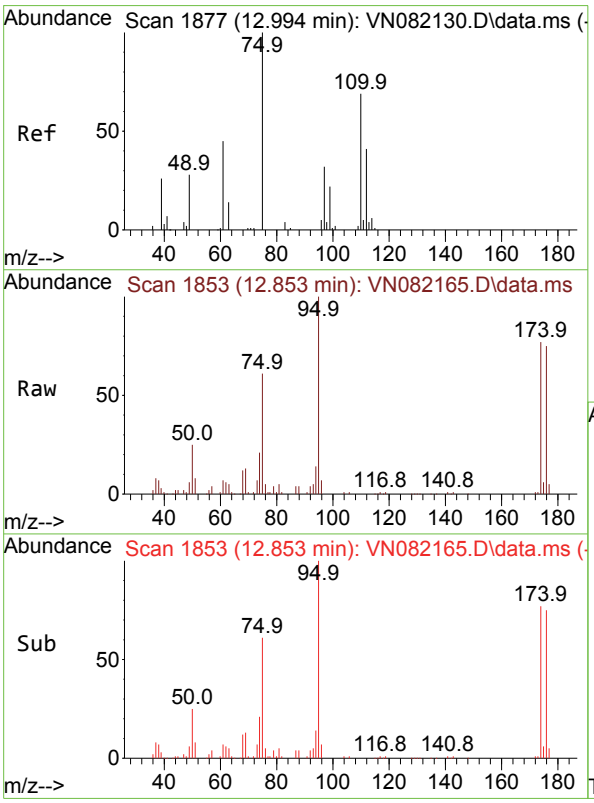
#74
N-amyl acetate
Concen: 0.403 ug/l
RT: 12.488 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

Tgt Ion: 43 Resp: 2160

Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.4#
55	2.6	21.3	31.9#
61	0.0	20.5	30.7#

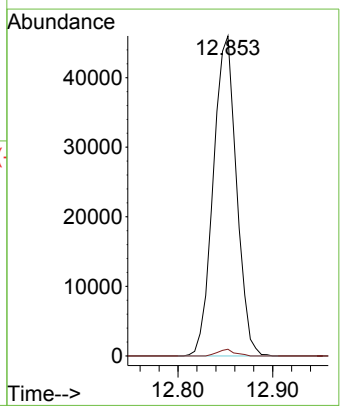


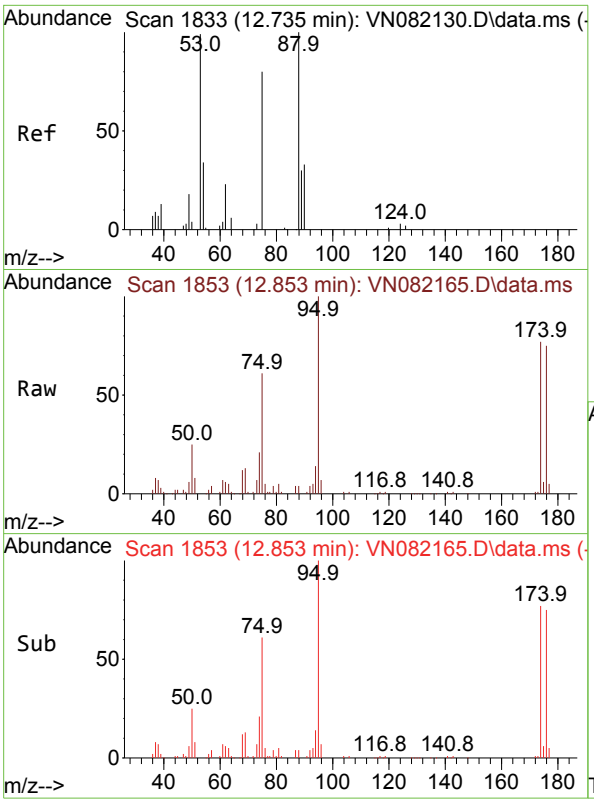


#76
1,2,3-Trichloropropane
Concen: 30.404 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion: 75 Resp: 78426

Ion	Ratio	Lower	Upper
75	100		
77	1.5	90.5	271.3#



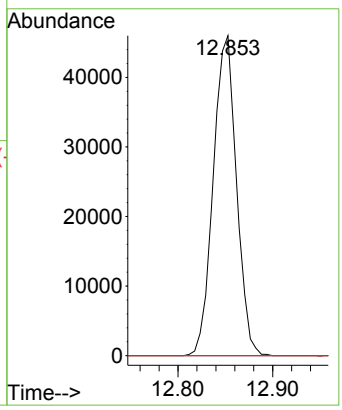


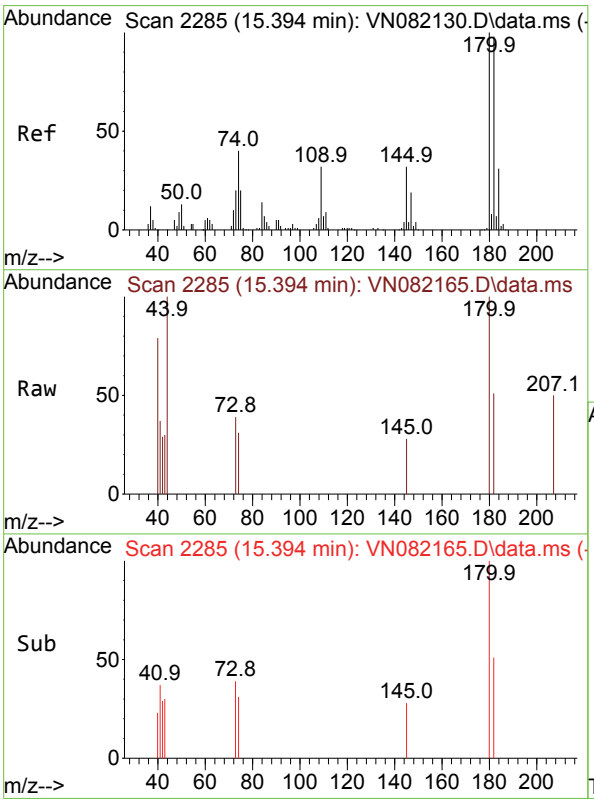
#81
trans-1,4-Dichloro-2-butene
Concen: 71.113 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.118 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

Tgt Ion: 75 Resp: 78426

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.9	109.3#
89	0.0	39.1	58.7#

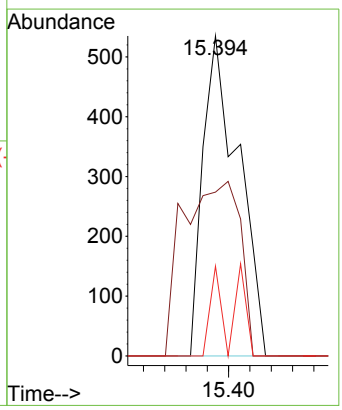


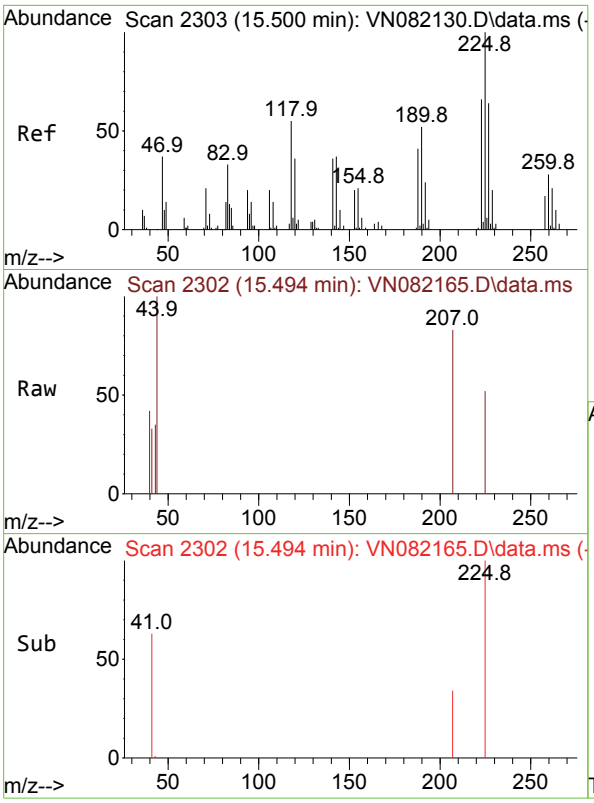


#93
1,2,4-Trichlorobenzene
Concen: 0.278 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion:180 Resp: 619

Ion	Ratio	Lower	Upper
180	100		
182	87.7	46.7	140.0
145	17.3	16.2	48.6



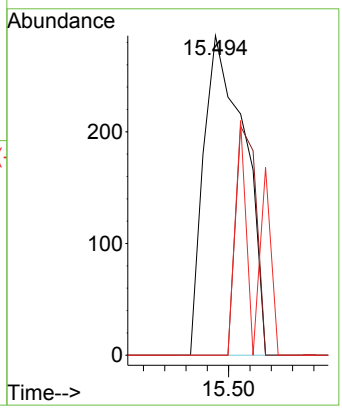


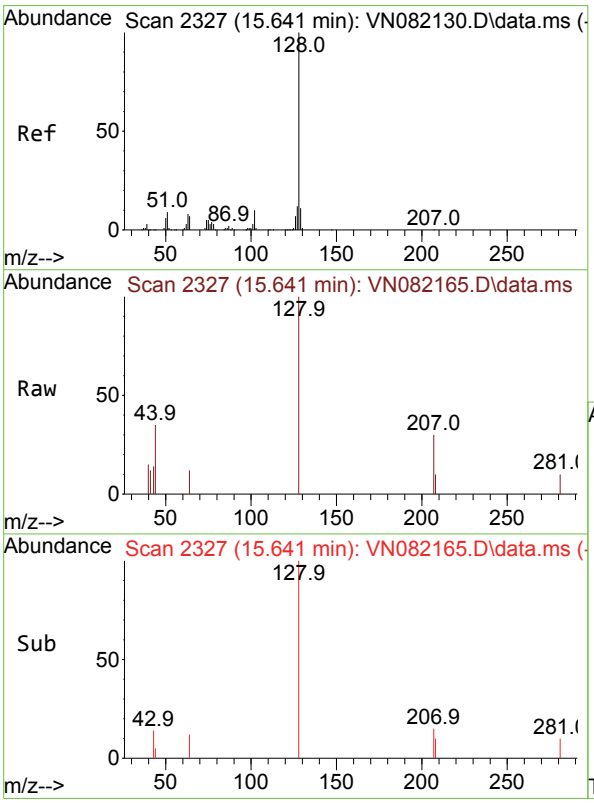
#94
Hexachlorobutadiene
Concen: 0.389 ug/l
RT: 15.494 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

Tgt Ion:225 Resp: 381

Ion	Ratio	Lower	Upper
225	100		
223	36.0	31.1	93.2
227	34.9	30.6	91.6

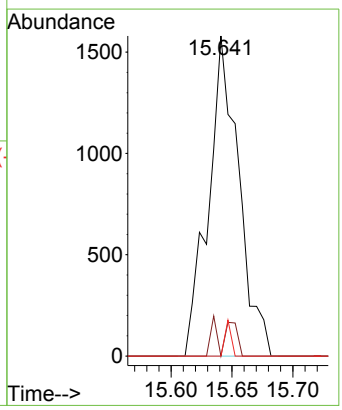


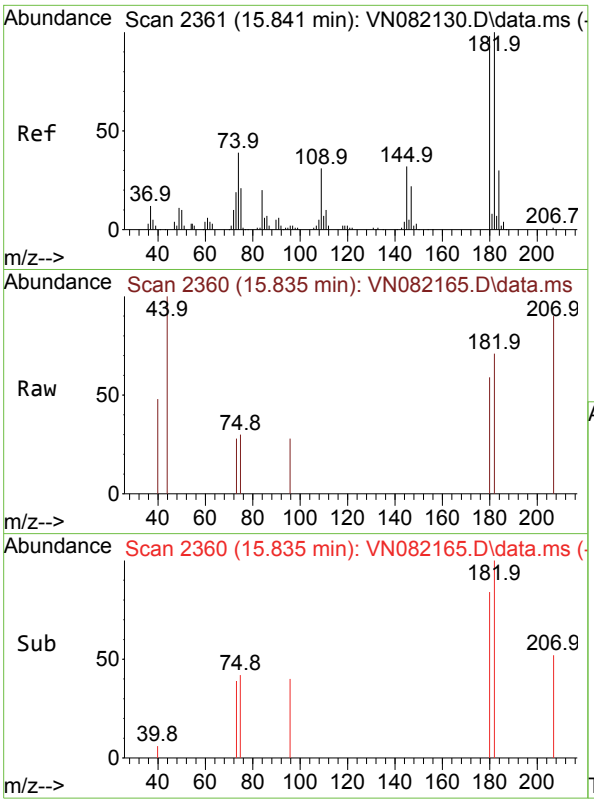


#95
Naphthalene
Concen: 0.393 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion:128 Resp: 2745

Ion	Ratio	Lower	Upper
128	100		
127	2.6	10.1	15.1#
129	0.0	8.9	13.3#





#96
1,2,3-Trichlorobenzene
Concen: 0.245 ug/l
RT: 15.835 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

Tgt Ion:180 Resp: 546

Ion	Ratio	Lower	Upper
180	100		
182	109.7	46.0	137.8
145	0.0	17.1	51.3#