Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
Data File : VN082041.D
Acq On : 09 May 2024 11:13
Operator : JC\MD
Sample : VN0509MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 10 03:47:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	118794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	221755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	106162	52.951	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.900%			
35) Dibromofluoromethane	8.165	113	76541	49.657	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.320%			
50) Toluene-d8	10.565	98	319176	52.724	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.440%			
62) 4-Bromofluorobenzene	12.847	95	100928	42.175	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 84.360%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	405	0.233	ug/l #	43
5) Bromomethane	2.954	94	121	Below Cal	#	3
13) Acrolein	4.189	56	489	Below Cal	#	37
15) Acrylonitrile	5.718	53	279	0.319	ug/l #	45
16) Acetone	4.424	43	381	Below Cal	#	43
17) Carbon Disulfide	4.718	76	1248	0.289	ug/l #	67
20) Methylene Chloride	5.283	84	500	0.291	ug/l #	52
29) Tetrahydrofuran	7.847	42	343	0.420	ug/l #	29
31) Cyclohexane	8.224	56	4856	1.608	ug/l #	53
36) 1,1-Dichloropropene	8.224	75	13994	5.581	ug/l #	49
38) Carbon Tetrachloride	8.224	117	14120	5.761	ug/l #	24
49) 1,4-Dioxane	9.706	88	63	1.703	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	58784	27.286	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	58784	55.913	ug/l #	12
87) 1,3-Dichlorobenzene	13.741	146	616	0.214	ug/l #	64
89) n-Butylbenzene	14.053	91	1400	0.255	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	712	0.460	ug/l #	73
94) Hexachlorobutadiene	15.512	225	544	0.954	ug/l #	53
95) Naphthalene	15.653	128	3030	0.518	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.841	180	800	0.539	ug/l #	58

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
Data File : VN082041.D
Acq On : 09 May 2024 11:13
Operator : JC\MD
Sample : VN0509MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 10 03:47:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
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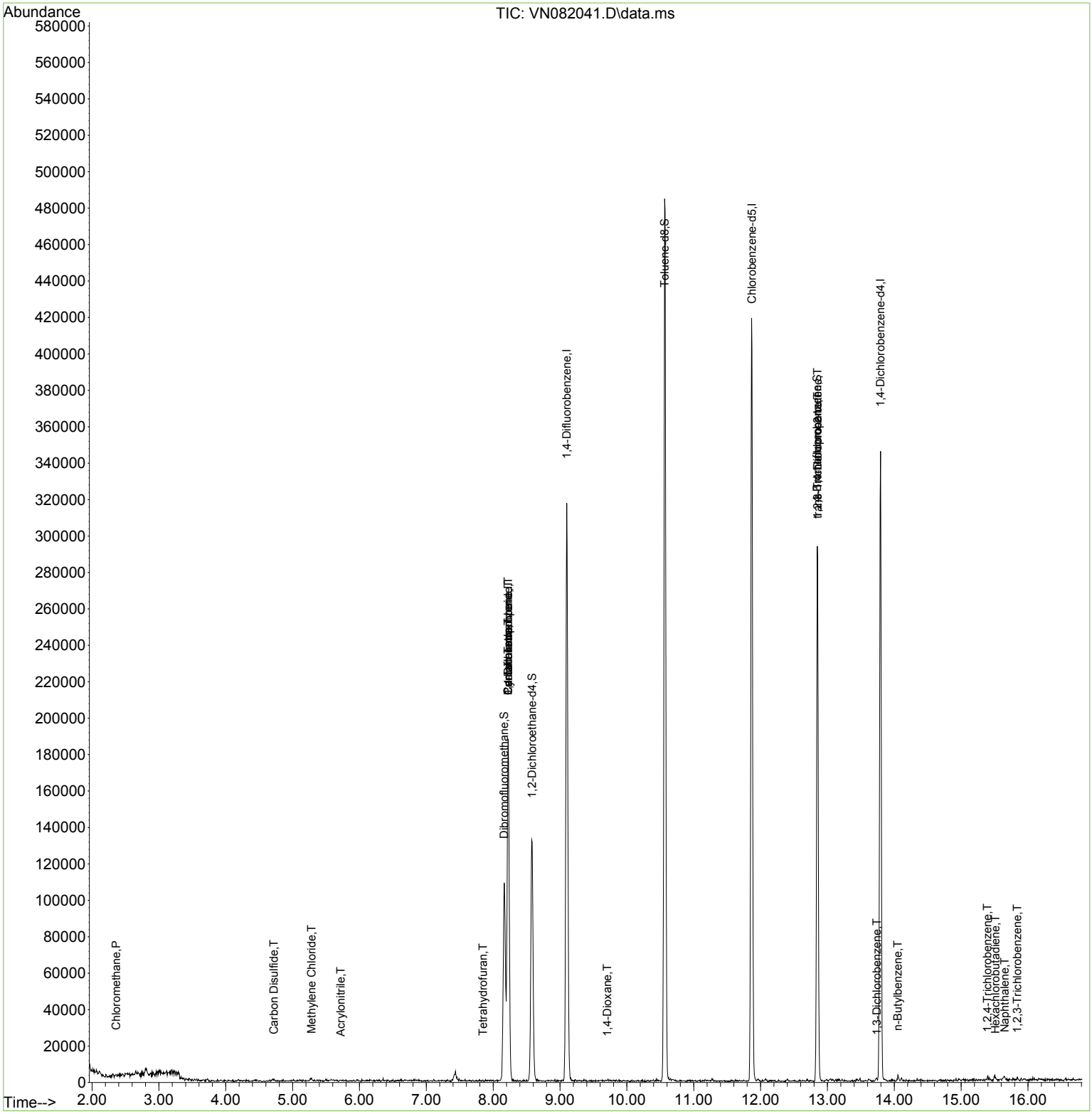
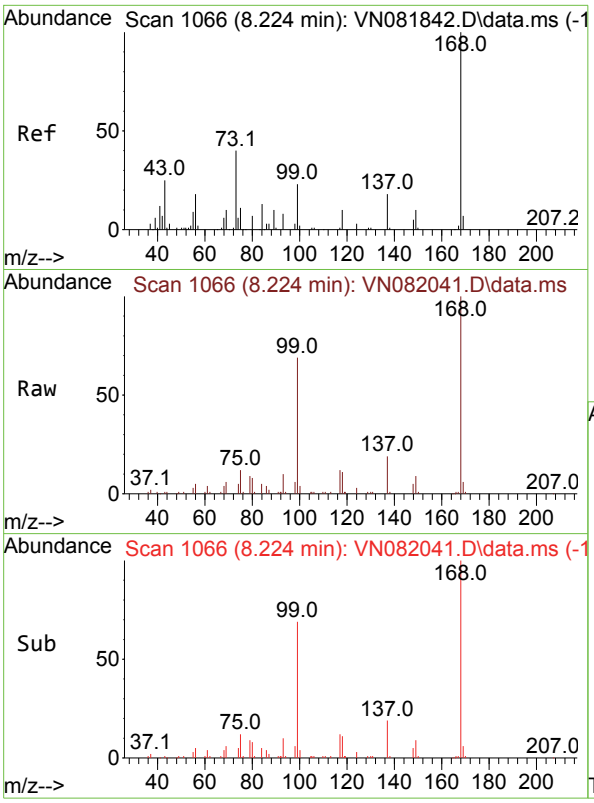
Response via : Initial Calibration



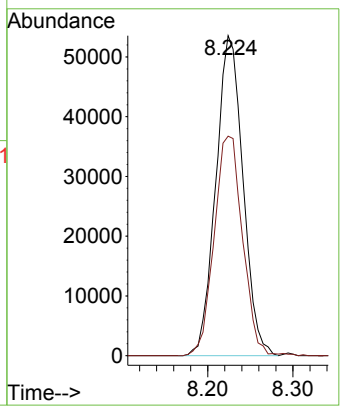


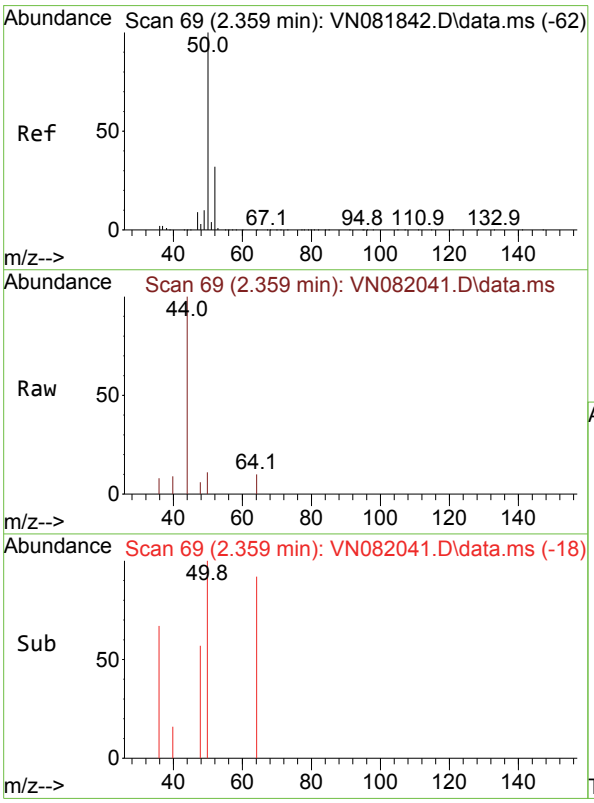
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 118794

Ion	Ratio	Lower	Upper
168	100		
99	68.6	48.2	72.4

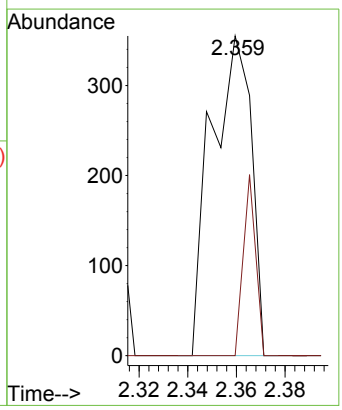


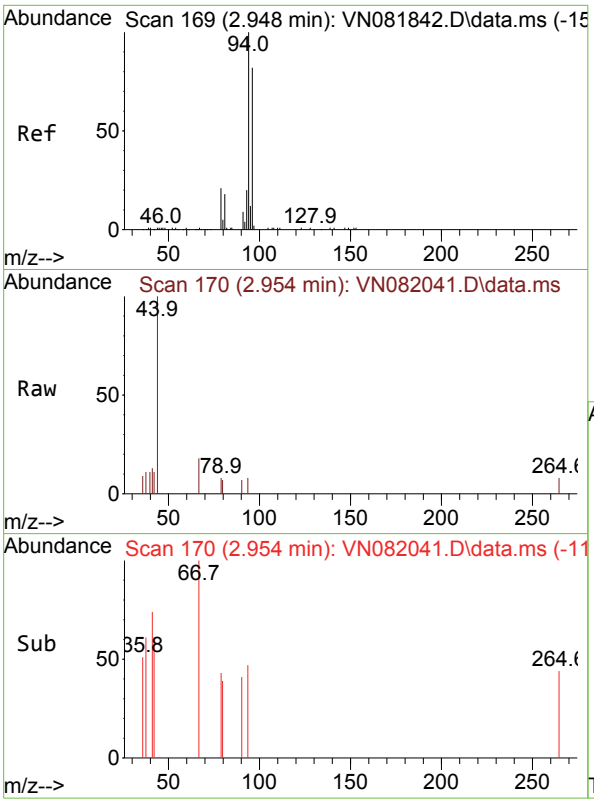


#3
Chloromethane
Concen: 0.233 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Tgt Ion: 50 Resp: 405

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.5	38.3#



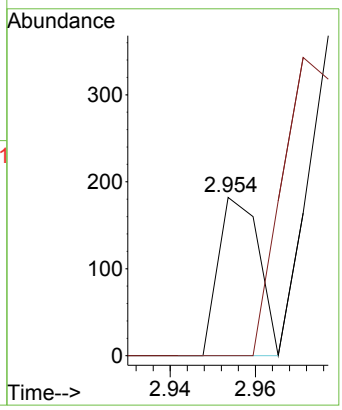


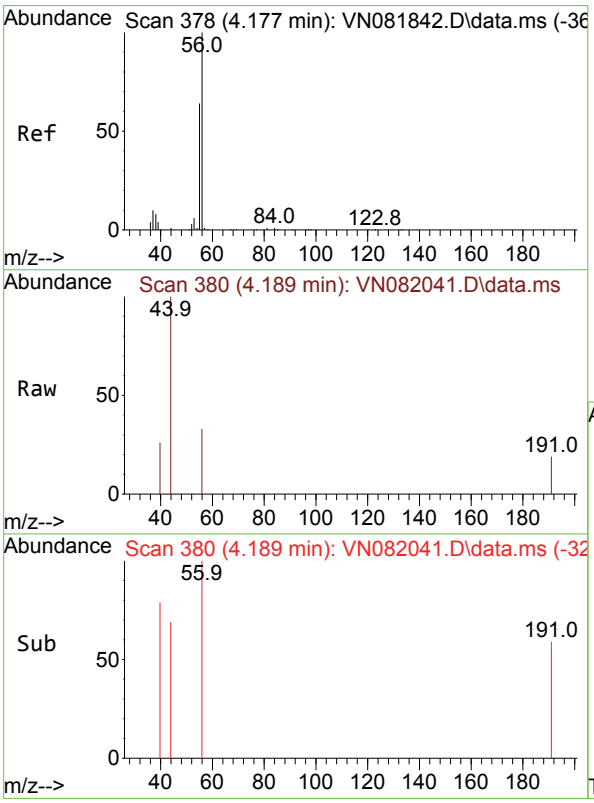
#5
Bromomethane
Concen: Below Cal
RT: 2.954 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 121

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.8	112.2#

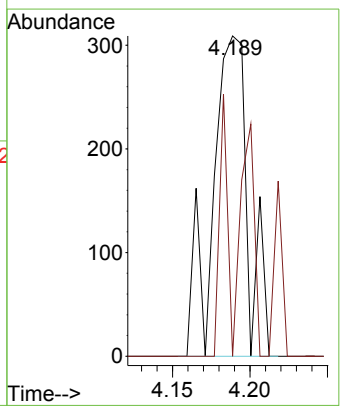


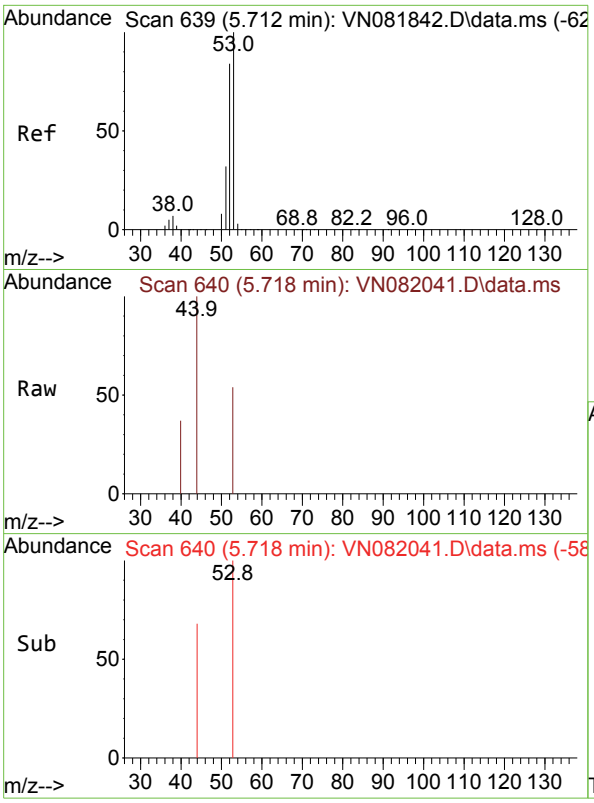


#13
Acrolein
Concen: Below Cal
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Tgt Ion: 56 Resp: 489

Ion	Ratio	Lower	Upper
56	100		
55	18.2	55.8	83.8#



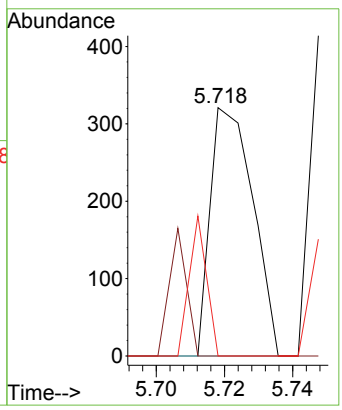


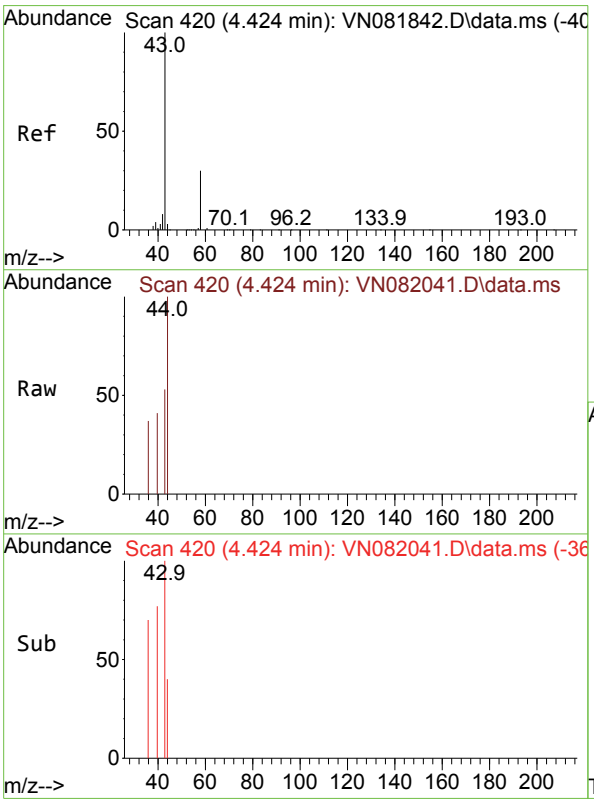
#15
Acrylonitrile
Concen: 0.319 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 53 Resp: 279

Ion	Ratio	Lower	Upper
53	100		
52	20.8	66.1	99.1#
51	22.9	29.4	44.2#

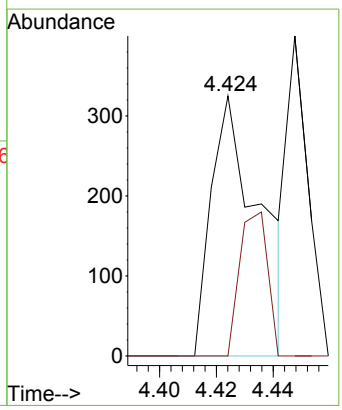


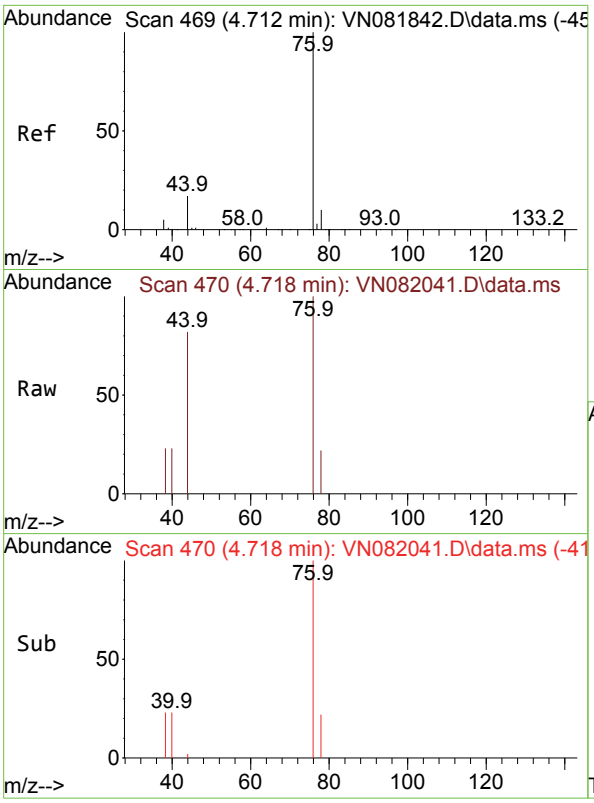


#16
Acetone
Concen: Below Cal
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Tgt Ion: 43 Resp: 381

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.2	37.8#



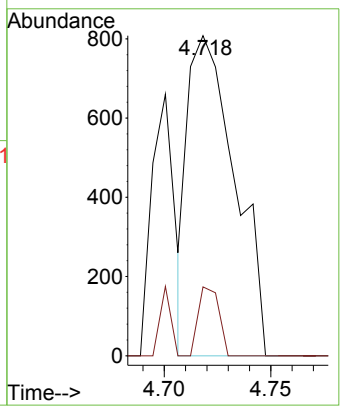


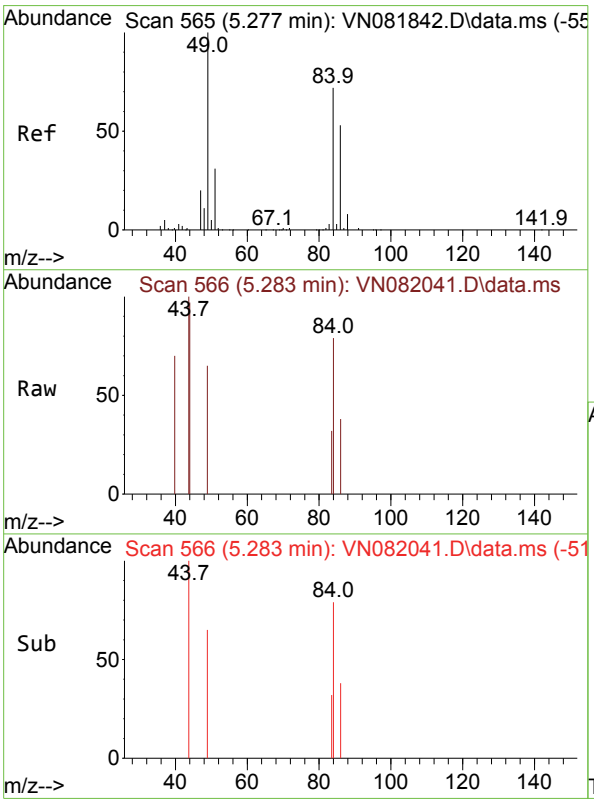
#17
Carbon Disulfide
Concen: 0.289 ug/l
RT: 4.718 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 1248

Ion	Ratio	Lower	Upper
76	100		
78	21.5	7.5	11.3#

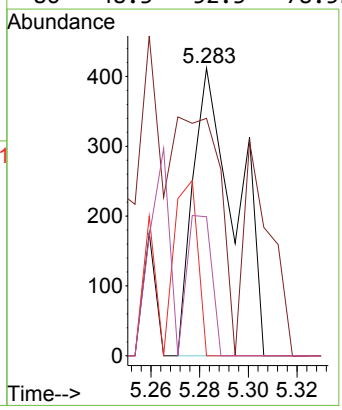


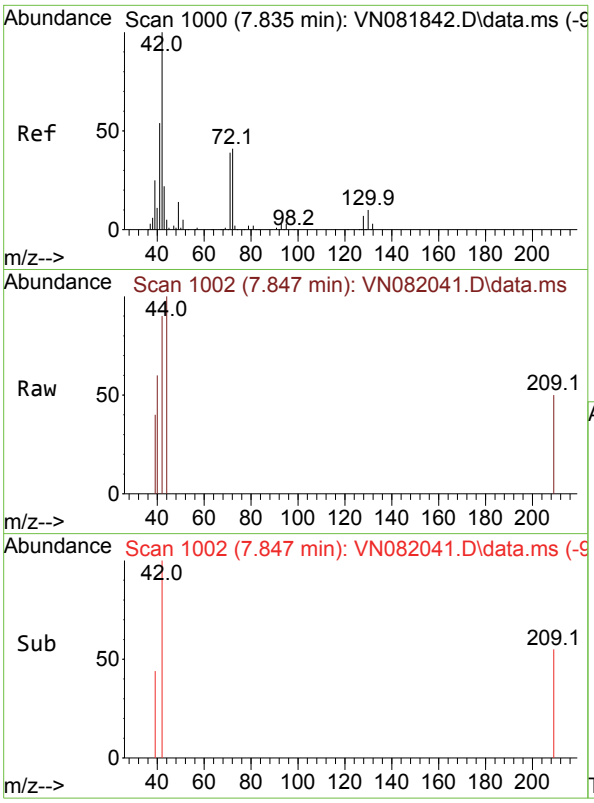


#20
Methylene Chloride
Concen: 0.291 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Tgt Ion: 84 Resp: 500

Ion	Ratio	Lower	Upper
84	100		
49	43.9	84.9	127.3#
51	0.0	27.0	40.6#
86	48.3	52.3	78.5#



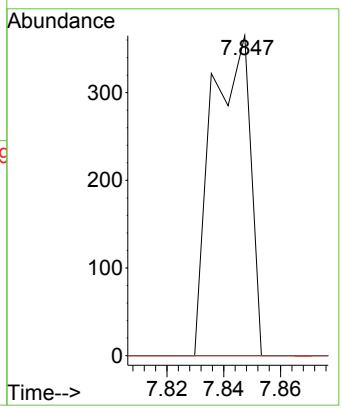


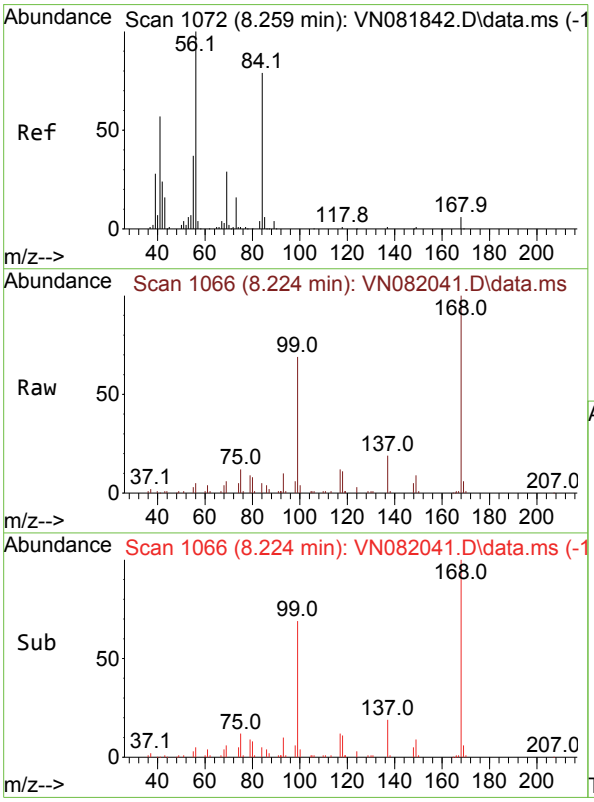
#29
Tetrahydrofuran
Concen: 0.420 ug/l
RT: 7.847 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 343

Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.3	58.9#
71	0.0	37.4	56.0#

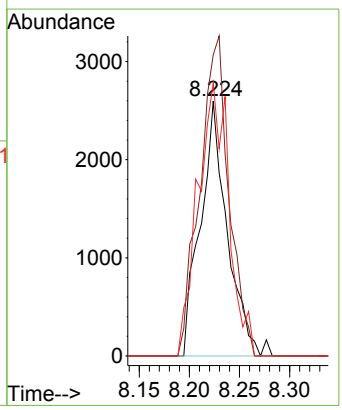


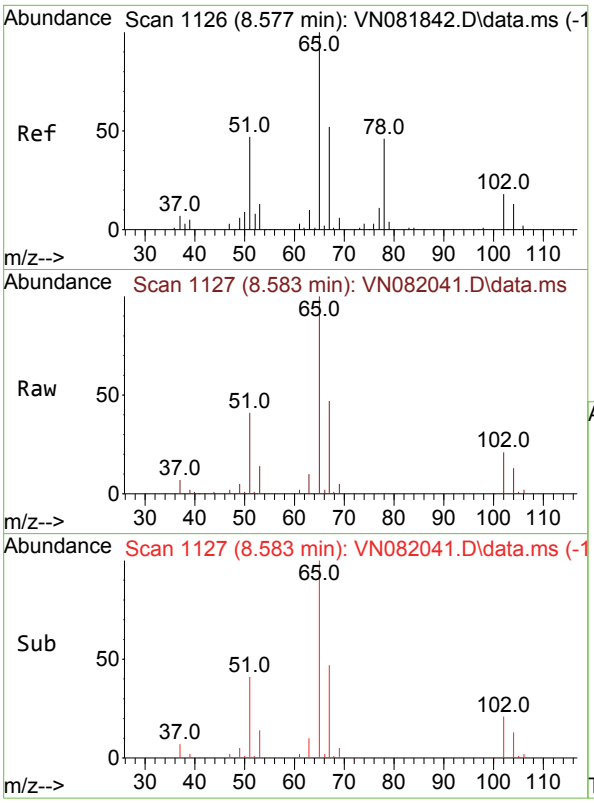


#31
Cyclohexane
Concen: 1.608 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Tgt Ion: 56 Resp: 4856

Ion	Ratio	Lower	Upper
56	100		
69	118.1	24.4	36.6#
84	107.2	77.0	115.4



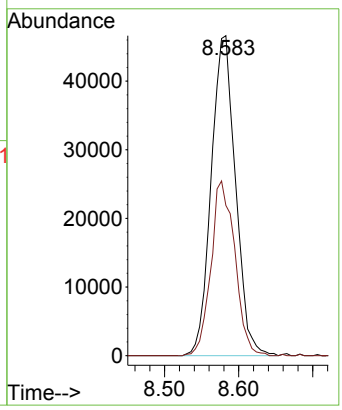


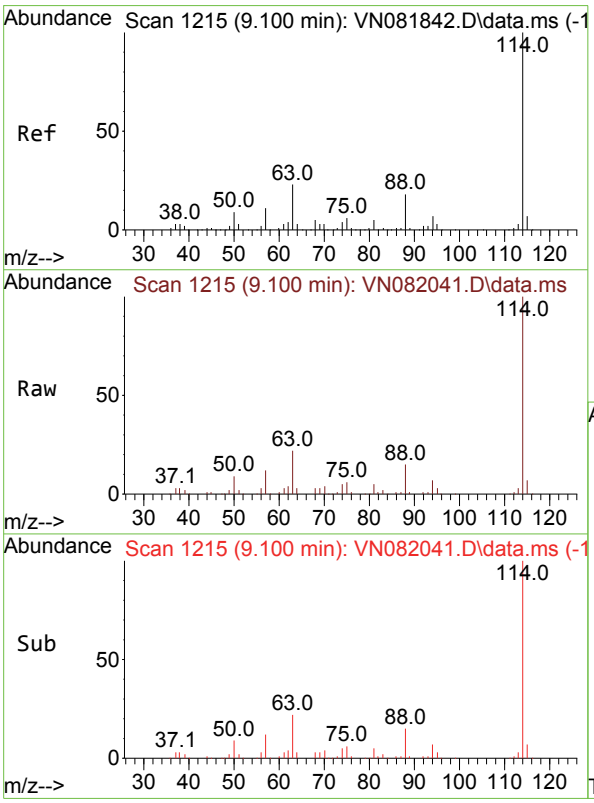
#33
1,2-Dichloroethane-d4
Concen: 52.951 ug/l
RT: 8.583 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 106162

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	103.0

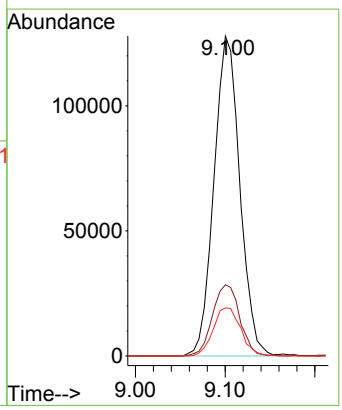


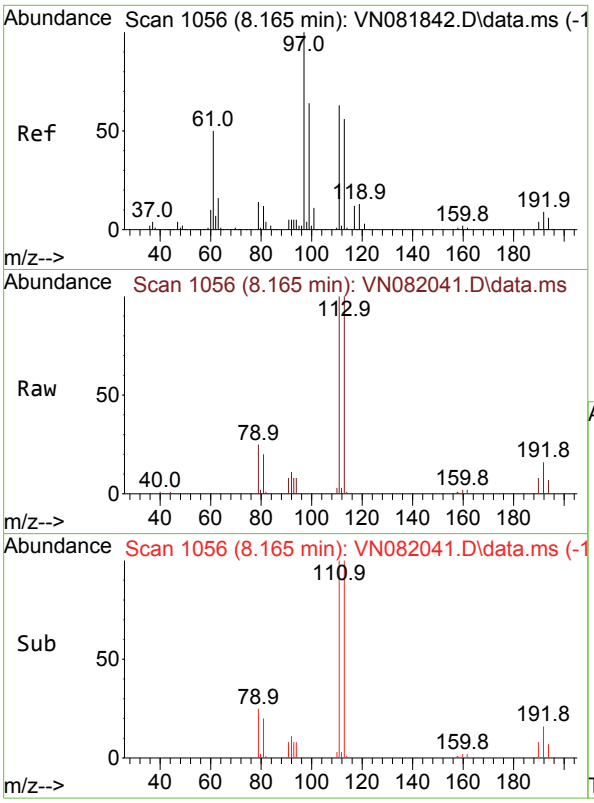


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Tgt Ion:114 Resp: 256009

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	41.0
88	15.0	0.0	31.4



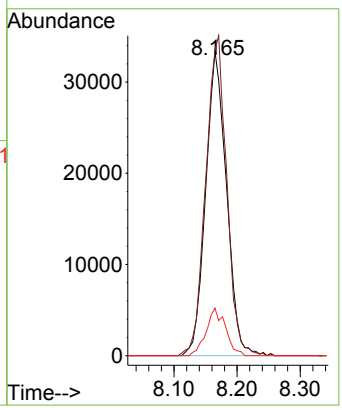


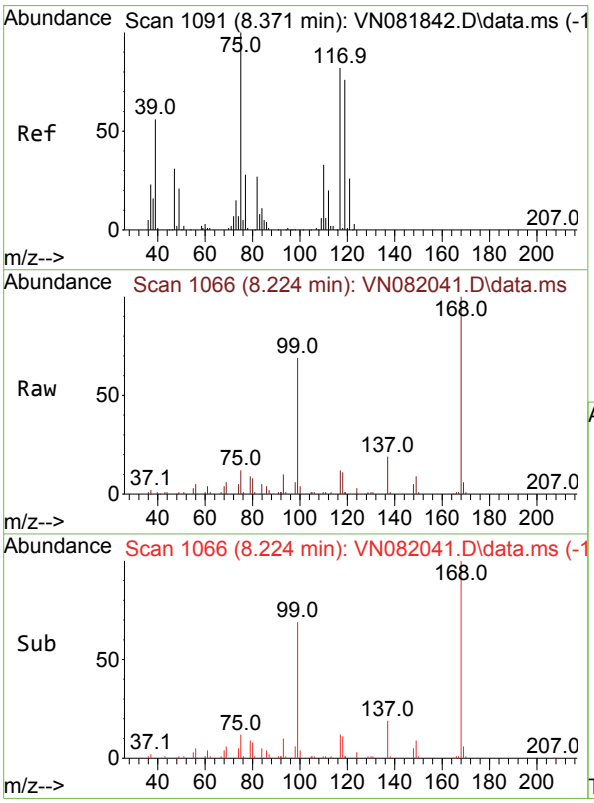
#35
Dibromofluoromethane
Concen: 49.657 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 76541

Ion	Ratio	Lower	Upper
113	100		
111	105.8	83.4	125.2
192	14.5	14.0	21.0

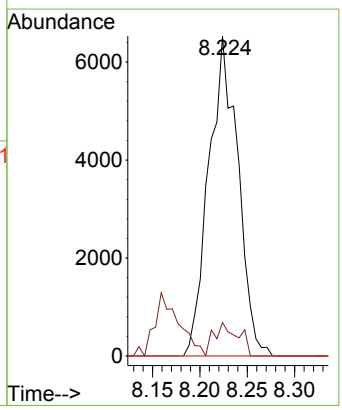


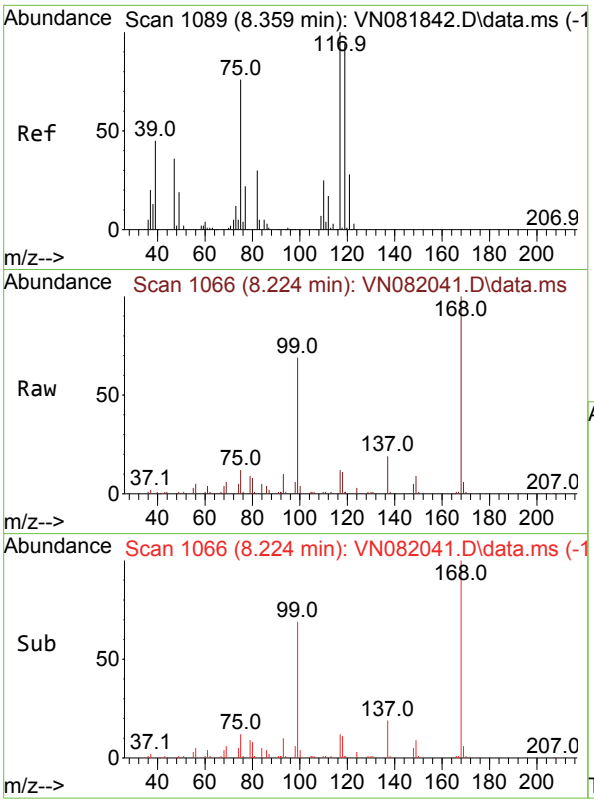


#36
1,1-Dichloropropene
Concen: 5.581 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Tgt Ion: 75 Resp: 13994

Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.8	53.5#
77	0.0	25.0	37.4#



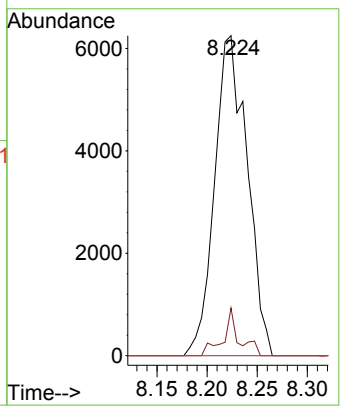


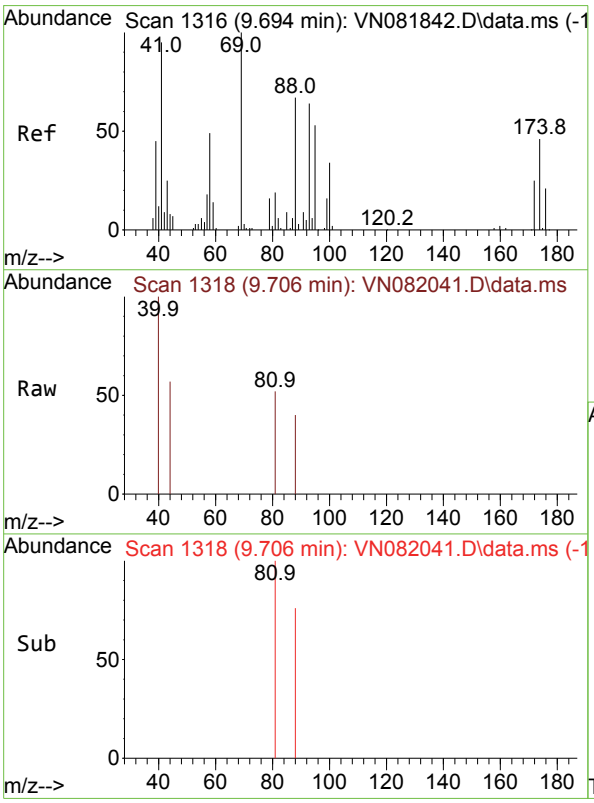
#38
Carbon Tetrachloride
Concen: 5.761 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.135 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 14120

Ion	Ratio	Lower	Upper
117	100		
119	14.9	76.5	114.7#
121	0.0	23.9	35.9#

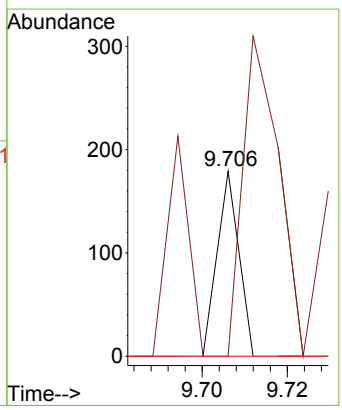


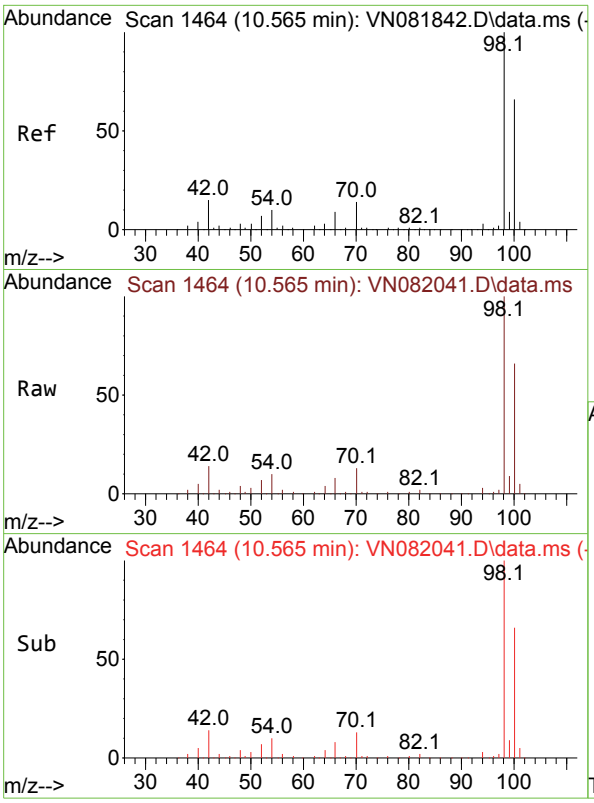


#49
1,4-Dioxane
Concen: 1.703 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.012 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
43	287.3	19.0	28.6#
58	0.0	50.6	76.0#



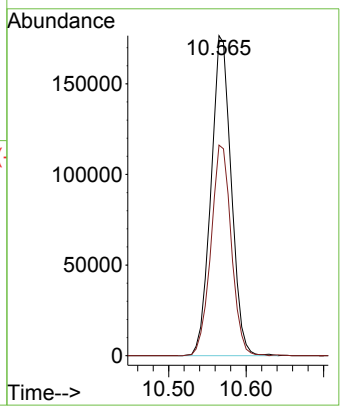


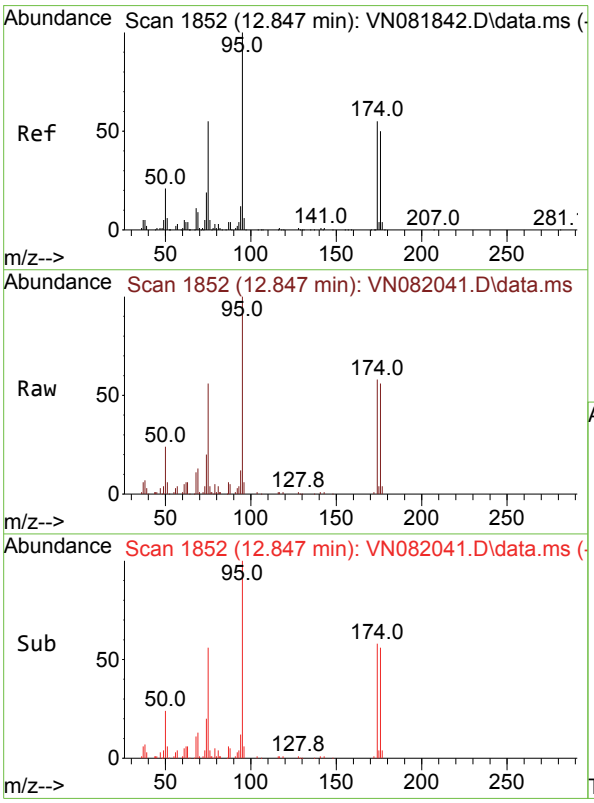
#50
Toluene-d8
Concen: 52.724 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 319176

Ion	Ratio	Lower	Upper
98	100		
100	66.3	51.8	77.6

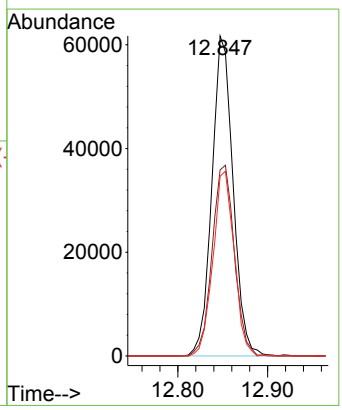


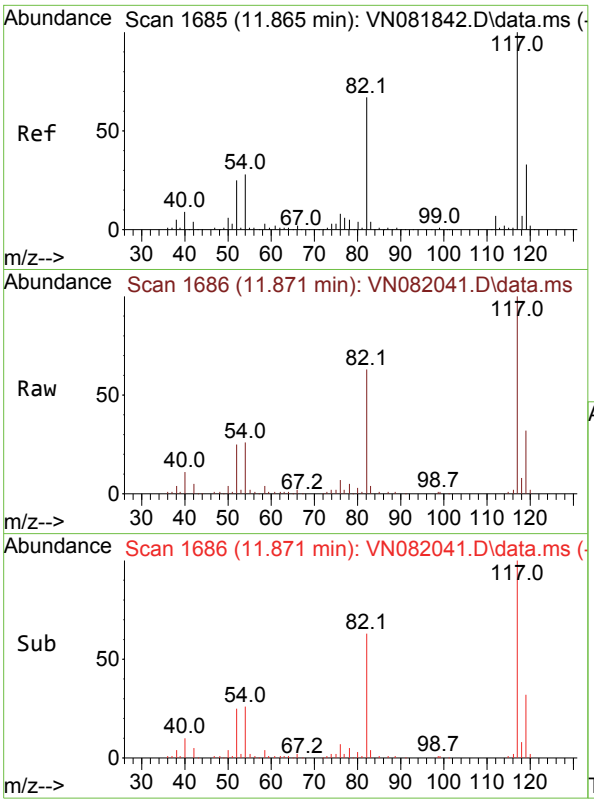


#62
4-Bromofluorobenzene
Concen: 42.175 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Tgt Ion: 95 Resp: 100928

Ion	Ratio	Lower	Upper
95	100		
174	62.9	0.0	160.6
176	57.9	0.0	152.8



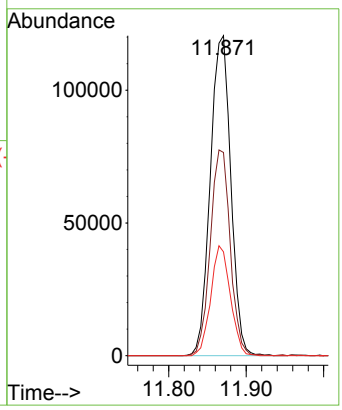


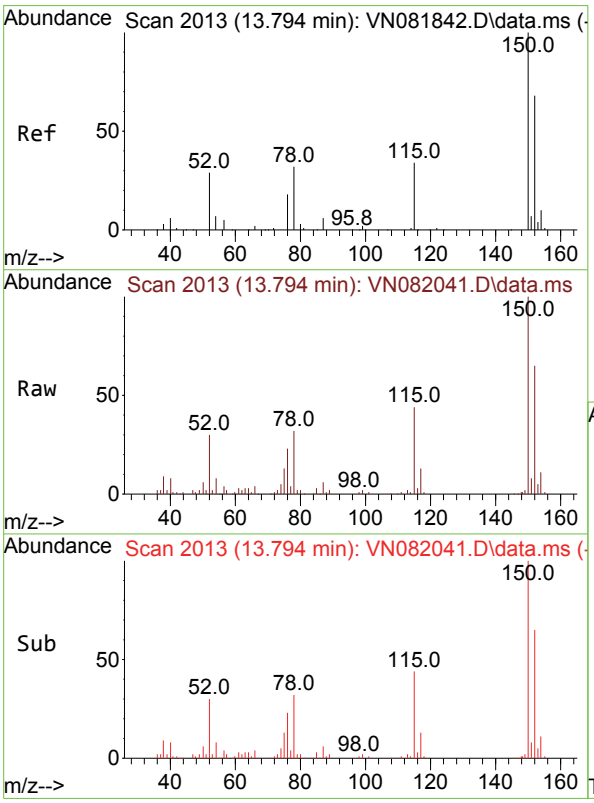
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 221755

Ion	Ratio	Lower	Upper
117	100		
82	63.5	44.6	66.8
119	32.5	25.9	38.9

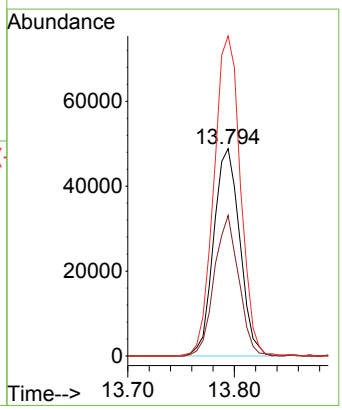


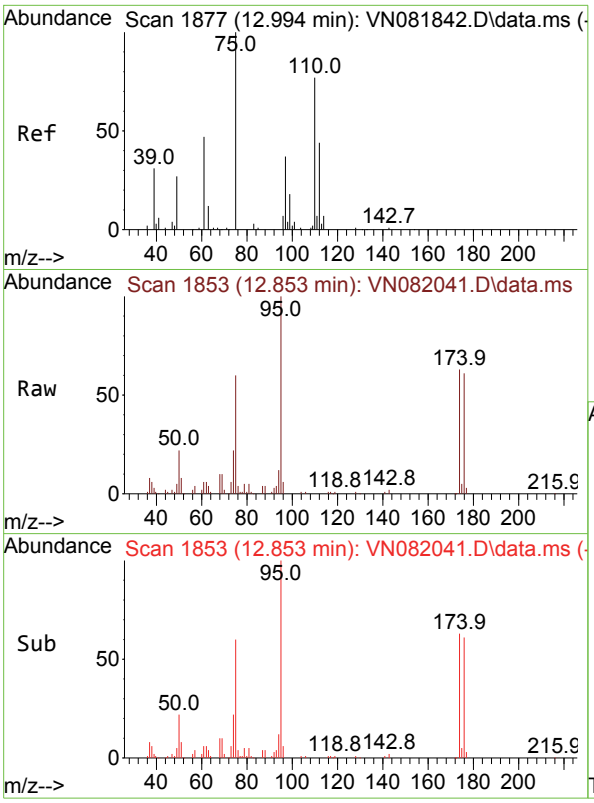


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Tgt Ion:152 Resp: 83090

Ion	Ratio	Lower	Upper
152	100		
115	63.6	30.4	91.3
150	156.9	0.0	353.2



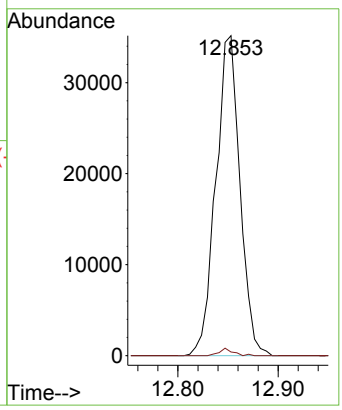


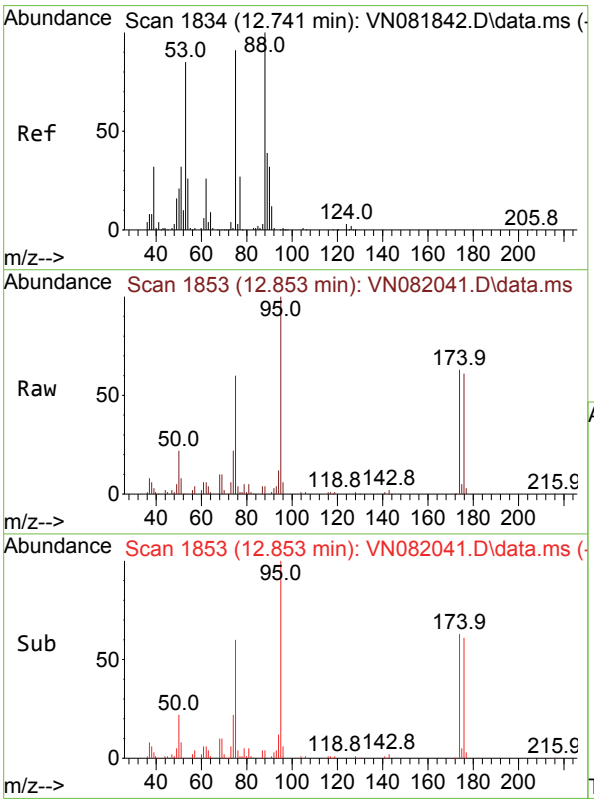
#76
1,2,3-Trichloropropane
Concen: 27.286 ug/l
RT: 12.853 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 58784

Ion	Ratio	Lower	Upper
75	100		
77	1.3	90.5	271.3#

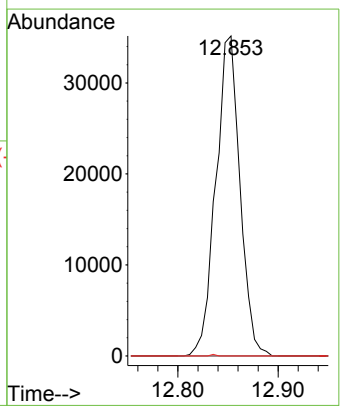


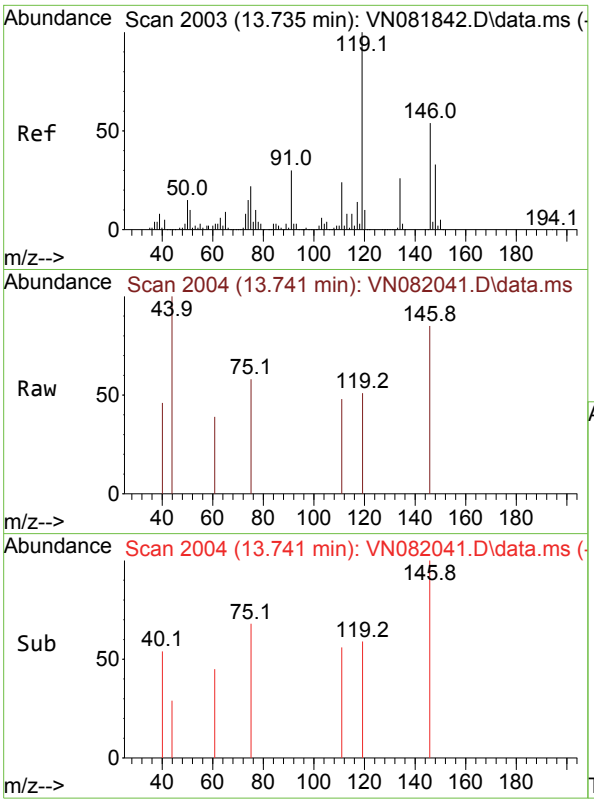


#81
trans-1,4-Dichloro-2-butene
Concen: 55.913 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Tgt Ion: 75 Resp: 58784

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.9	109.3#
89	0.1	39.1	58.7#



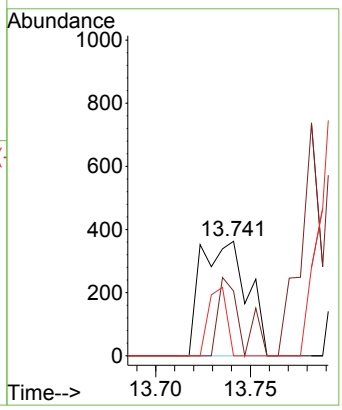


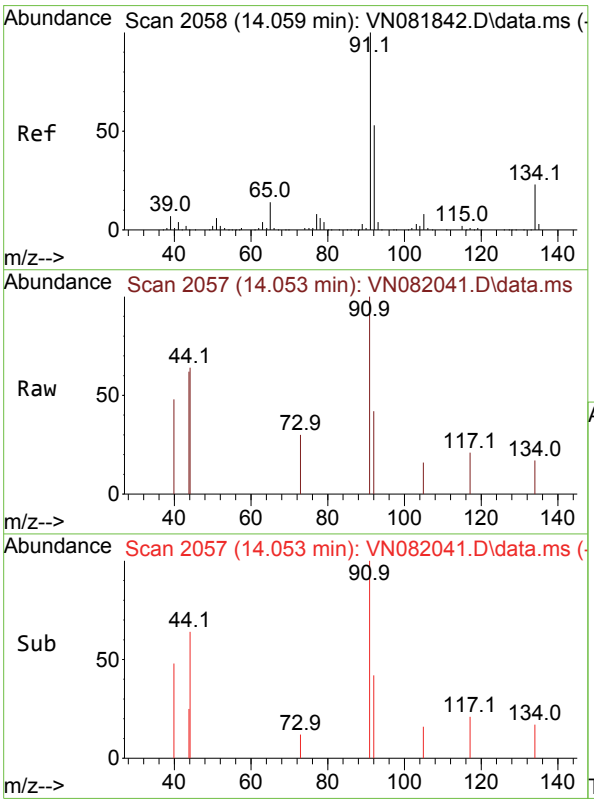
#87
1,3-Dichlorobenzene
Concen: 0.214 ug/l
RT: 13.741 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 616

Ion	Ratio	Lower	Upper
146	100		
111	34.6	20.8	62.5
148	23.5	32.1	96.3#

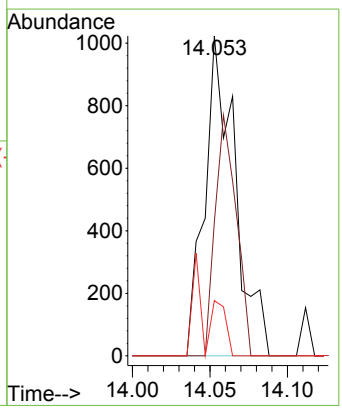


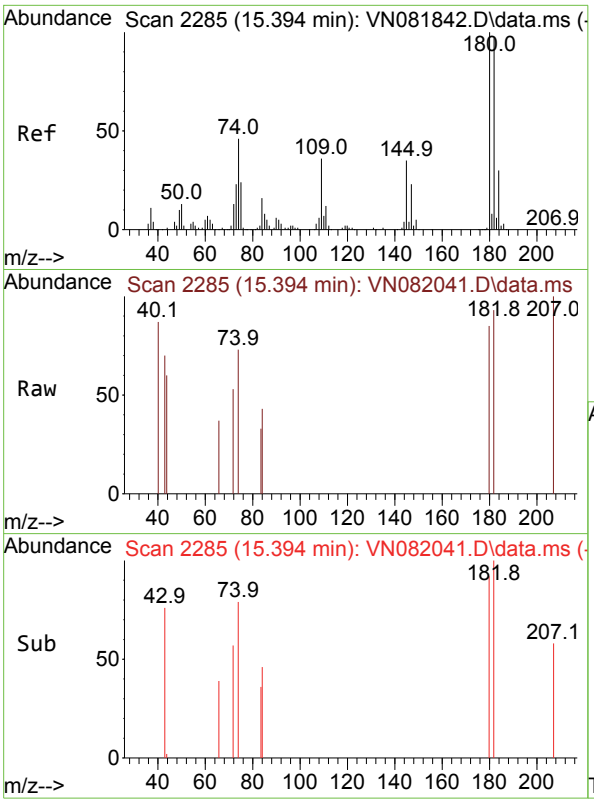


#89
n-Butylbenzene
Concen: 0.255 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Tgt Ion: 91 Resp: 1400

Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.5
134	16.7	13.2	39.5



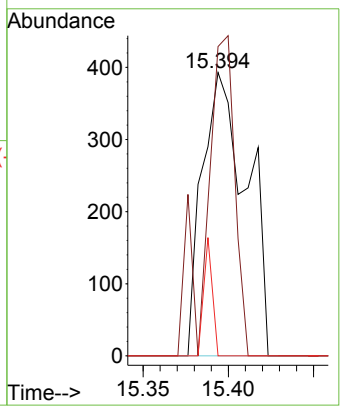


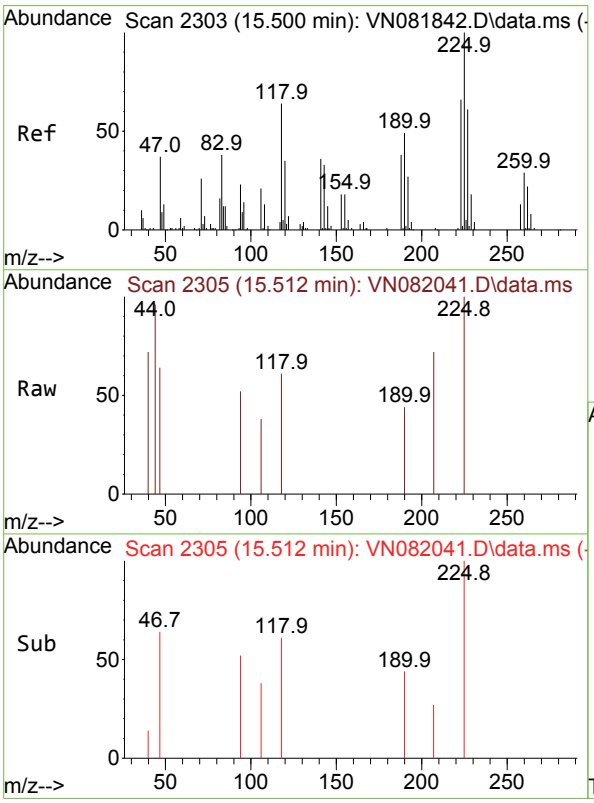
#93
1,2,4-Trichlorobenzene
Concen: 0.460 ug/l
RT: 15.394 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 712

Ion	Ratio	Lower	Upper
180	100		
182	73.0	46.7	140.0
145	8.1	16.2	48.6#

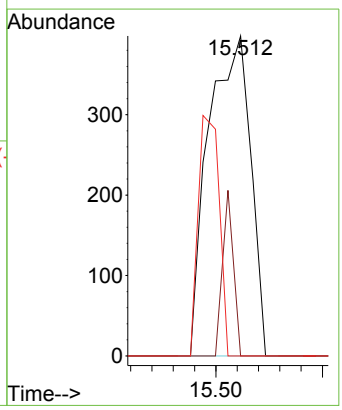


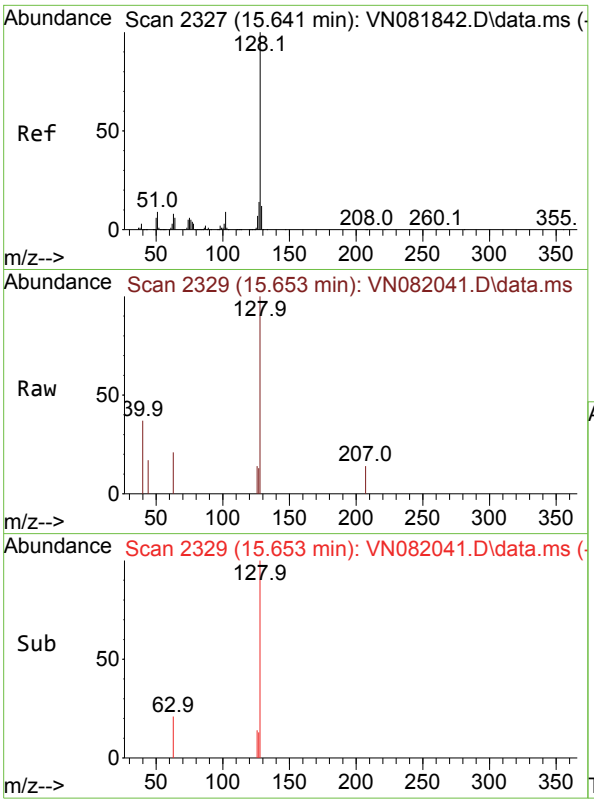


#94
Hexachlorobutadiene
Concen: 0.954 ug/l
RT: 15.512 min Scan# 2305
Delta R.T. 0.012 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Tgt Ion:225 Resp: 544

Ion	Ratio	Lower	Upper
225	100		
223	13.4	31.1	93.2#
227	37.7	30.6	91.6



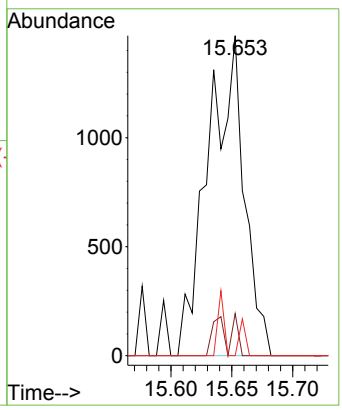


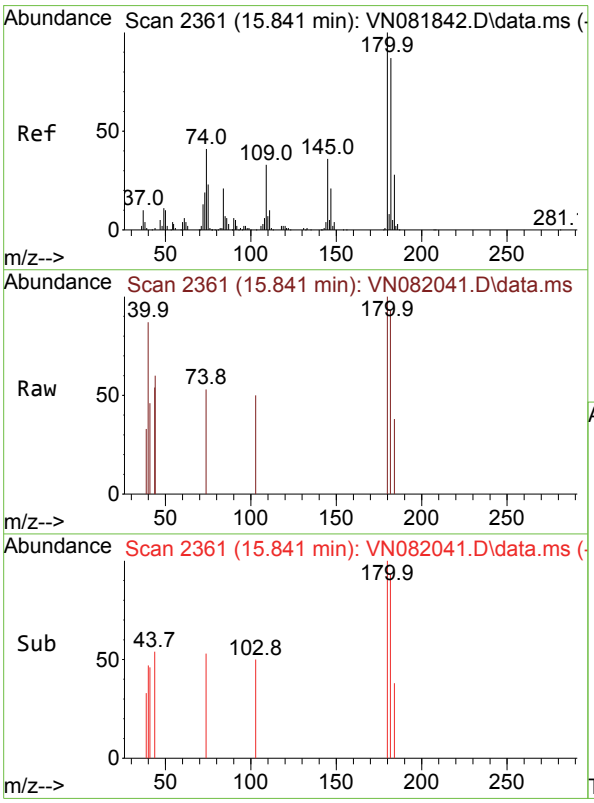
#95
Naphthalene
Concen: 0.518 ug/l
RT: 15.653 min Scan# 2
Delta R.T. 0.012 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :

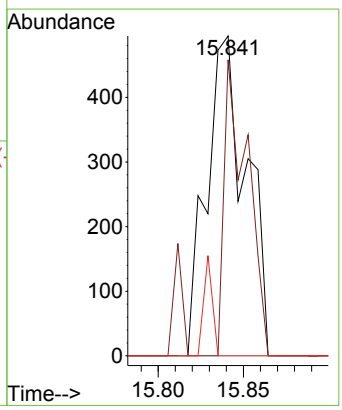
Tgt Ion:128 Resp: 3030

Ion	Ratio	Lower	Upper
128	100		
127	6.1	10.1	15.1#
129	2.0	8.9	13.3#





#96
1,2,3-Trichlorobenzene
Concen: 0.539 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN082041.D
Acq: 09 May 2024 11:13

Tgt Ion:180 Resp: 800

Ion	Ratio	Lower	Upper
180	100		
182	54.1	46.0	137.8
145	6.9	17.1	51.3#