Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
Data File : VN072128.D
Acq On : 21 Apr 2022 16:21
Operator : JC\MD
Sample : N2474-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE

Quant Time: Apr 22 01:24:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	456017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	739192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	638539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	199618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	264520	50.811	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.620%			
35) Dibromofluoromethane	8.016	113	200	0.046	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 0.100%#			
50) Toluene-d8	10.439	98	844425	47.456	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.920%			
62) 4-Bromofluorobenzene	12.727	95	236869	41.161	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 82.320%			
Target Compounds						Qvalue
3) Chloromethane	2.304	50	1502	0.327	ug/l	92
5) Bromomethane	2.881	94	986	0.301	ug/l	83
6) Chloroethane	3.040	64	1135	0.313	ug/l #	42
11) Tert butyl alcohol	5.316	59	290	0.343	ug/l #	72
13) Acrolein	4.045	56	593	0.576	ug/l #	48
14) Allyl chloride	5.092	41	11800	1.931	ug/l #	24
16) Acetone	4.287	43	282225	126.852	ug/l	89
17) Carbon Disulfide	4.528	76	2708	0.314	ug/l #	75
18) Methyl Acetate	4.869	43	5018	Below Cal	#	60
20) Methylene Chloride	5.098	84	441578	94.165	ug/l	97
25) 2-Butanone	7.339	43	11039	3.442	ug/l	94
29) Tetrahydrofuran	7.692	42	521	0.251	ug/l #	37
31) Cyclohexane	8.075	56	7569	1.069	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	29793	4.905	ug/l #	48
37) Ethyl Acetate	7.339	43	11039	1.660	ug/l #	69
38) Carbon Tetrachloride	8.081	117	40266	6.764	ug/l #	17
43) Isopropyl Acetate	8.639	43	19960	1.805	ug/l #	53
48) Methyl methacrylate	9.539	41	12621	2.751	ug/l #	18
51) 4-Methyl-2-Pentanone	10.333	43	8558	1.346	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.039	63	71	16.997	ug/l #	44
59) 2-Hexanone	11.057	43	22035	4.923	ug/l #	21
71) Bromoform	12.721	173	1266	0.360	ug/l #	28
74) N-amyl acetate	12.351	43	1220	0.253	ug/l #	39
76) 1,2,3-Trichloropropane	12.727	75	113881	24.627	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	113881	76.317	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.257	180	69	2.107	ug/l #	12
95) Naphthalene	15.509	128	890	3.893	ug/l #	69

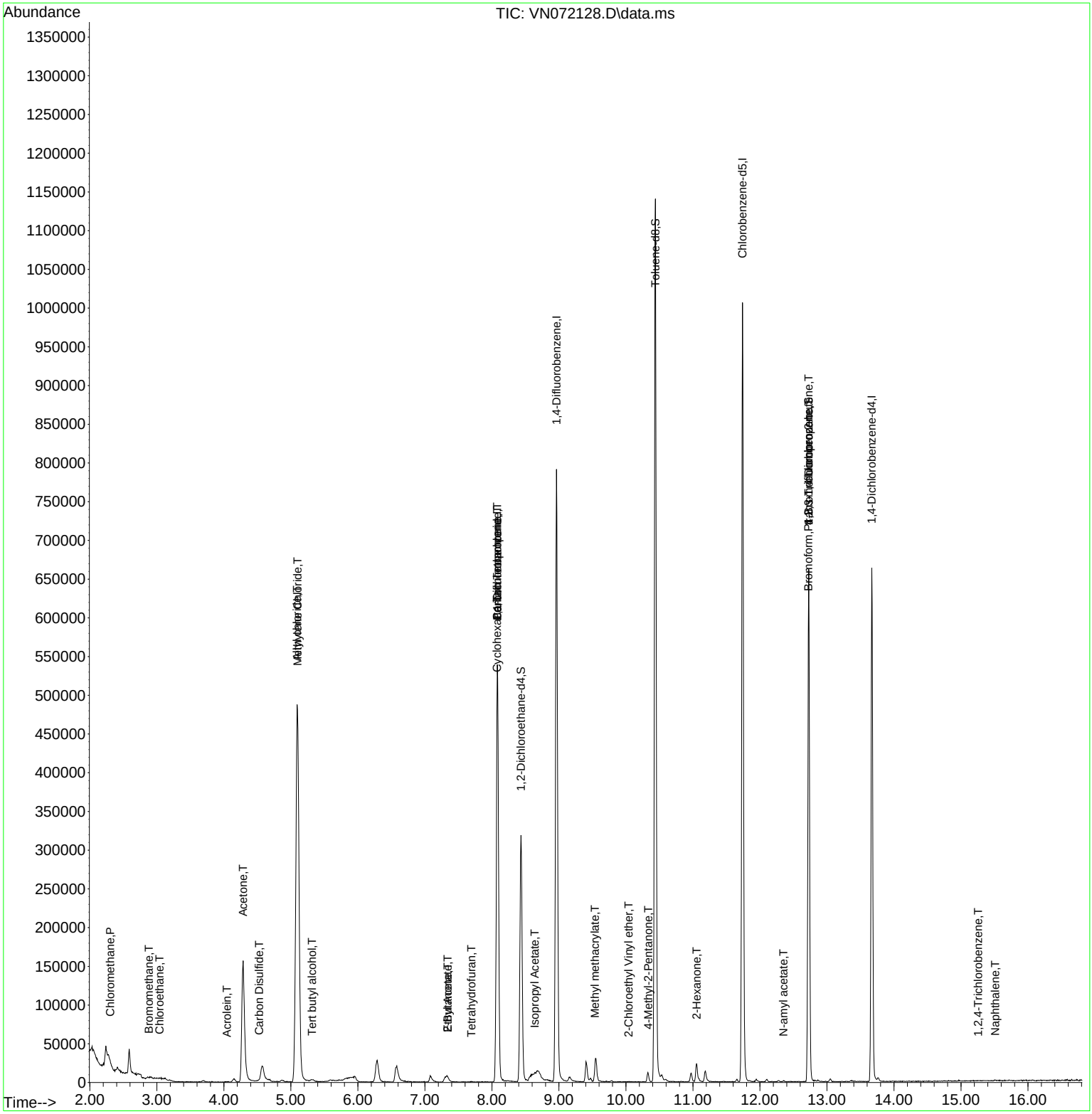
(#) = qualifier out of range (m) = manual integration (+) = signals summed

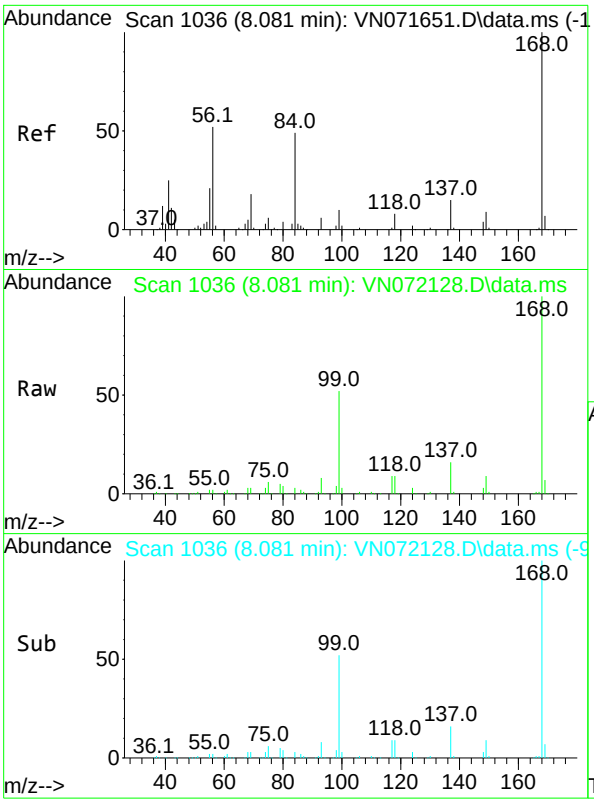
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
Data File : VN072128.D
Acq On : 21 Apr 2022 16:21
Operator : JC\MD
Sample : N2474-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE

Quant Time: Apr 22 01:24:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration



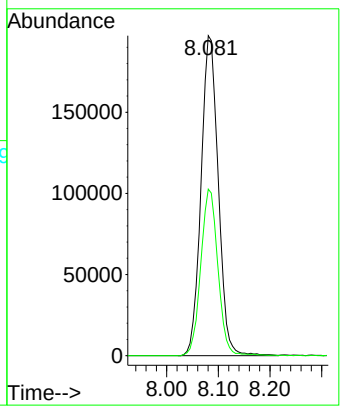


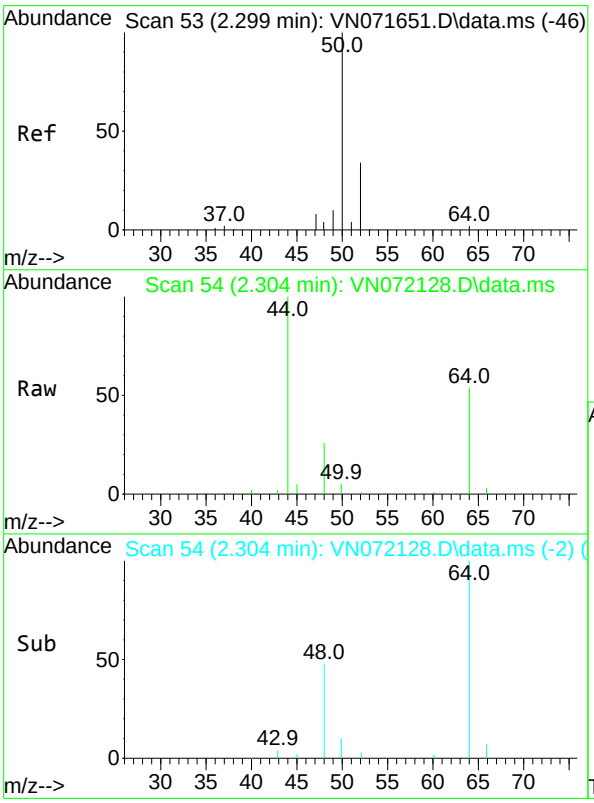
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE

Tgt Ion:168 Resp: 456017

Ion	Ratio	Lower	Upper
168	100		
99	52.1	42.3	63.5

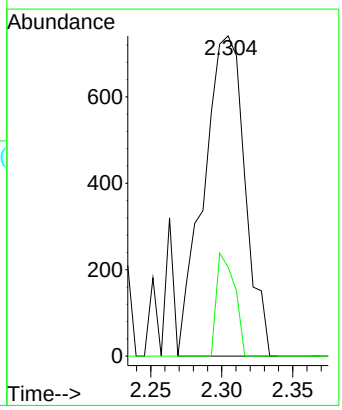


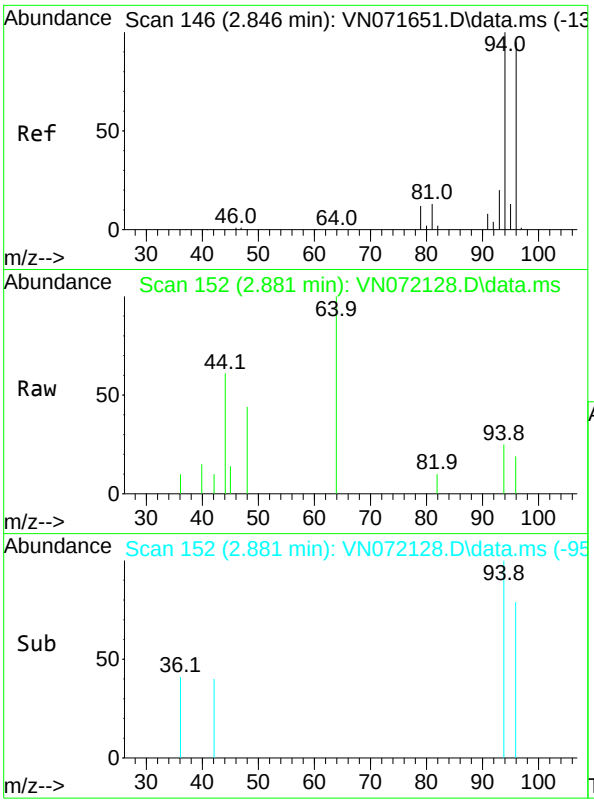


#3
Chloromethane
Concen: 0.327 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Tgt Ion: 50 Resp: 1502

Ion	Ratio	Lower	Upper
50	100		
52	27.8	25.7	38.5



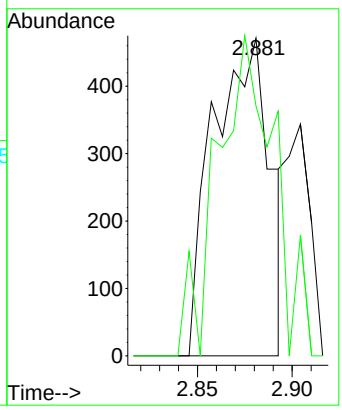


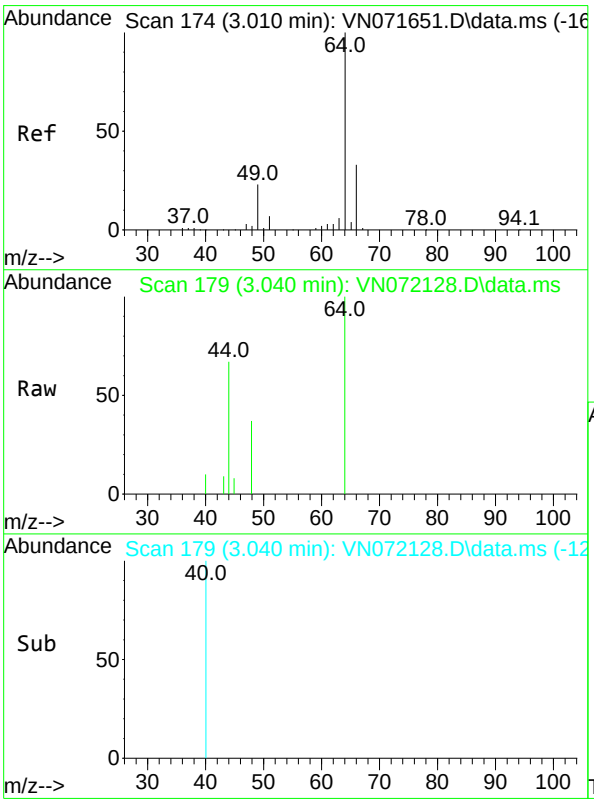
#5
Bromomethane
Concen: 0.301 ug/l
RT: 2.881 min Scan# 1
Delta R.T. 0.035 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE

Tgt Ion: 94 Resp: 986

Ion	Ratio	Lower	Upper
94	100		
96	78.8	76.0	114.0

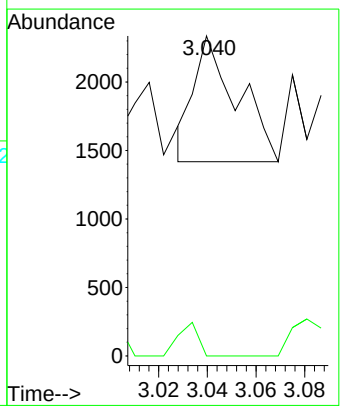


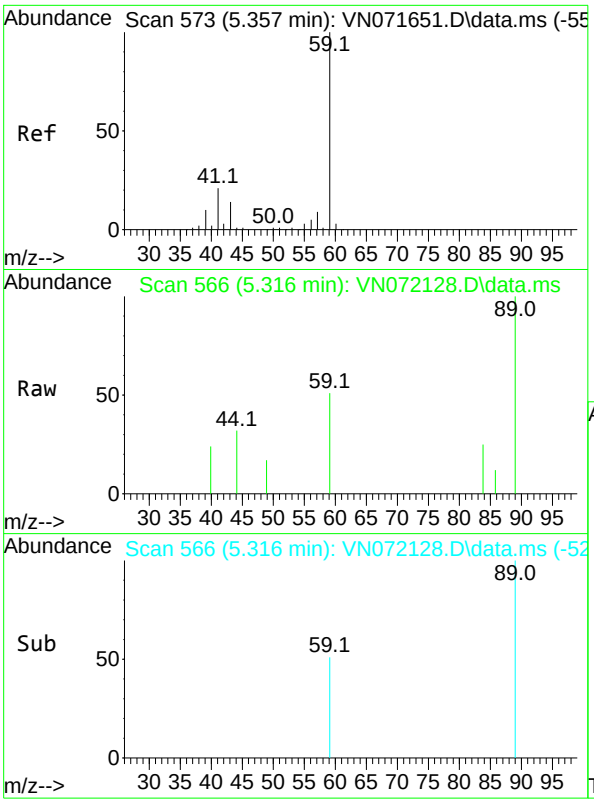


#6
Chloroethane
Concen: 0.313 ug/l
RT: 3.040 min Scan# 179
Delta R.T. 0.030 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Tgt Ion: 64 Resp: 1135

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.2	39.4#



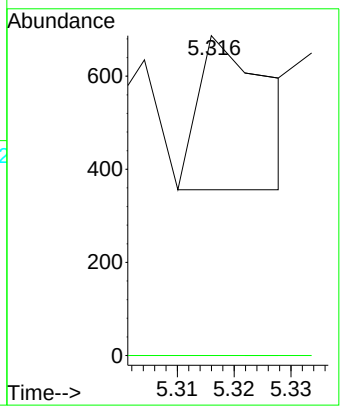


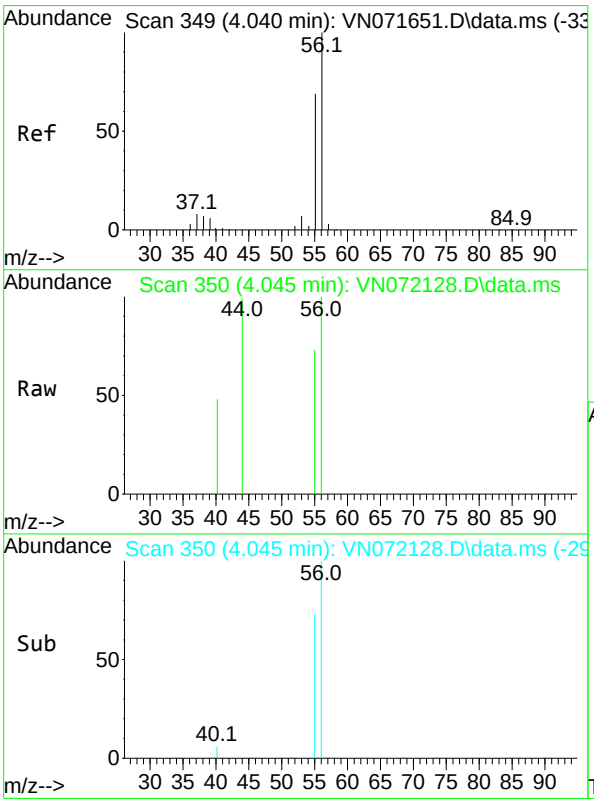
#11
Tert butyl alcohol
Concen: 0.343 ug/l
RT: 5.316 min Scan# 5
Delta R.T. -0.041 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE

Tgt Ion: 59 Resp: 290

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

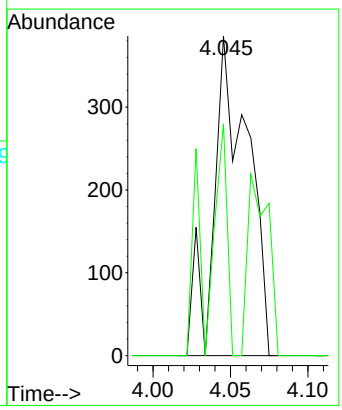


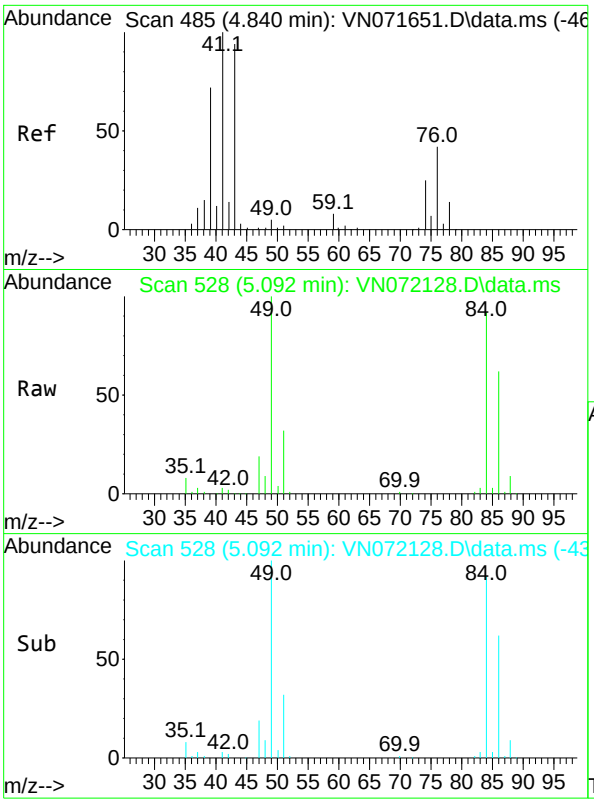


#13
Acrolein
Concen: 0.576 ug/l
RT: 4.045 min Scan# 350
Delta R.T. 0.005 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Tgt Ion: 56 Resp: 593

Ion	Ratio	Lower	Upper
56	100		
55	26.0	54.8	82.2#



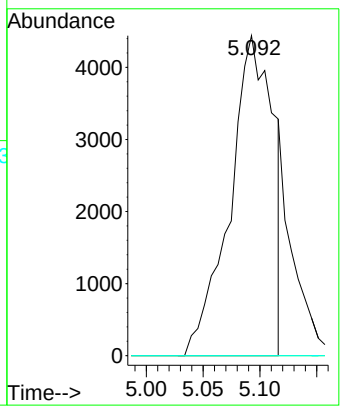


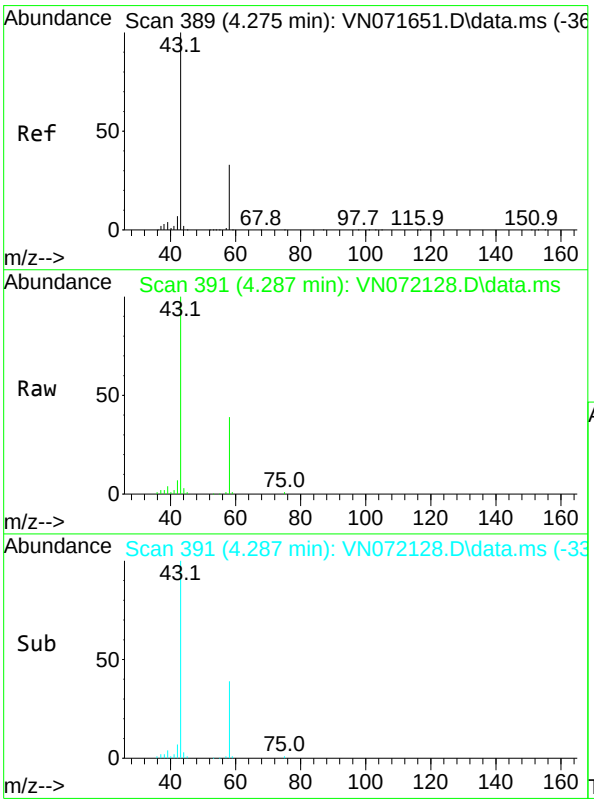
#14
Allyl chloride
Concen: 1.931 ug/l
RT: 5.092 min Scan# 5
Delta R.T. 0.252 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE

Tgt Ion: 41 Resp: 11800

Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.2	79.8#
76	0.0	29.9	44.9#

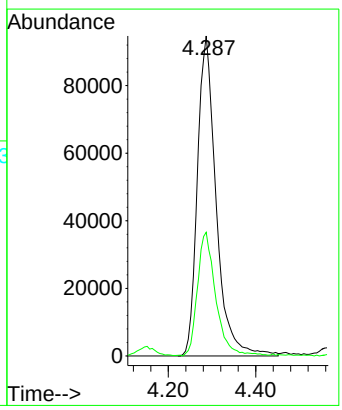


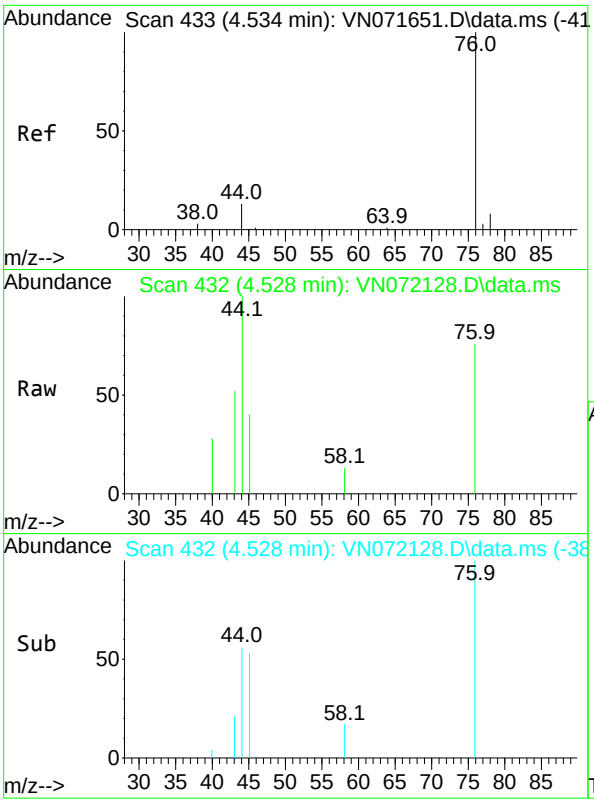


#16
Acetone
Concen: 126.852 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Tgt Ion: 43 Resp: 282225

Ion	Ratio	Lower	Upper
43	100		
58	38.4	26.0	39.0



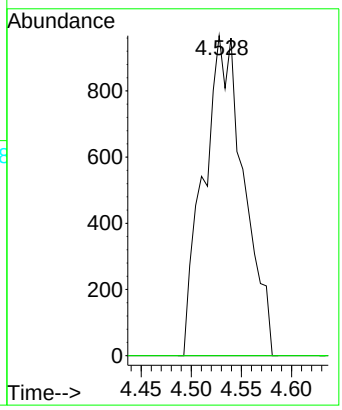


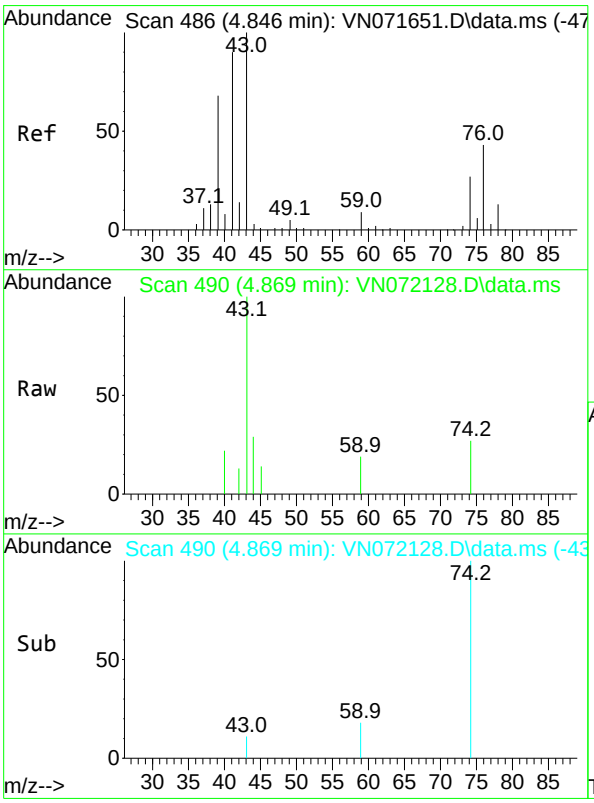
#17
Carbon Disulfide
Concen: 0.314 ug/l
RT: 4.528 min Scan# 4
Delta R.T. -0.006 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE

Tgt Ion: 76 Resp: 2708

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#

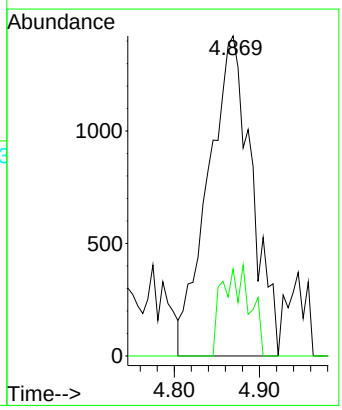


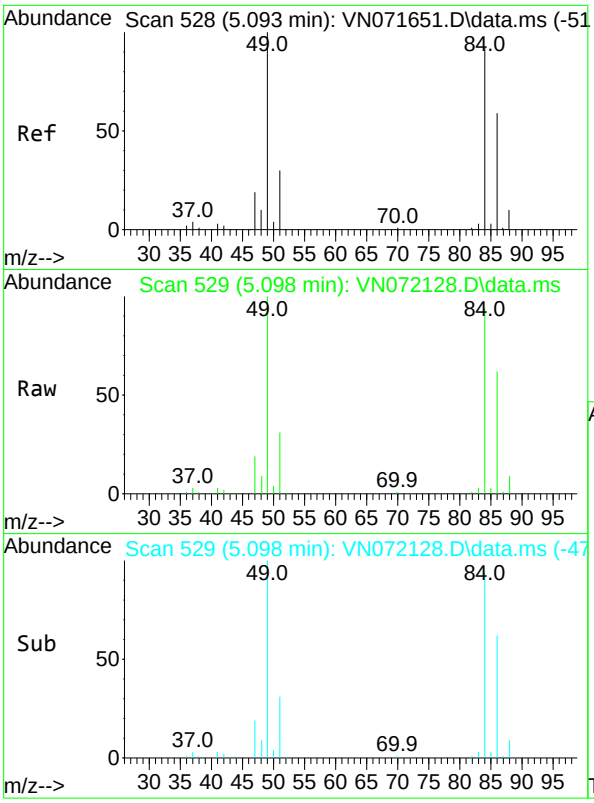


#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 490
Delta R.T. 0.023 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Tgt Ion: 43 Resp: 5018

Ion	Ratio	Lower	Upper
43	100		
74	6.3	21.6	32.4#



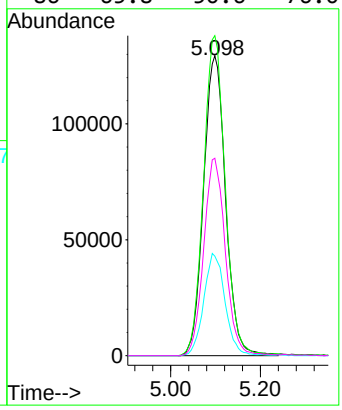


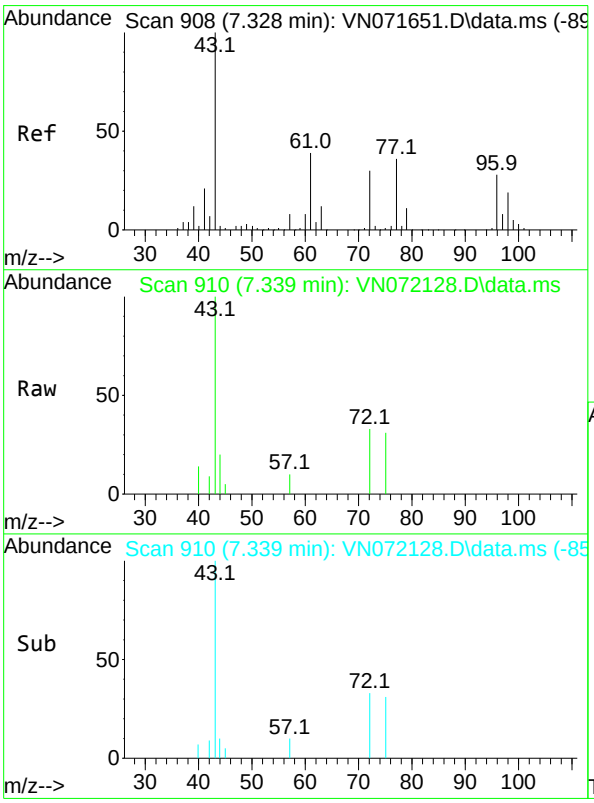
#20
Methylene Chloride
Concen: 94.165 ug/l
RT: 5.098 min Scan# 5
Delta R.T. 0.005 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE

Tgt Ion: 84 Resp: 441578

Ion	Ratio	Lower	Upper
84	100		
49	106.7	88.3	132.5
51	33.2	28.2	42.2
86	65.8	50.6	76.0

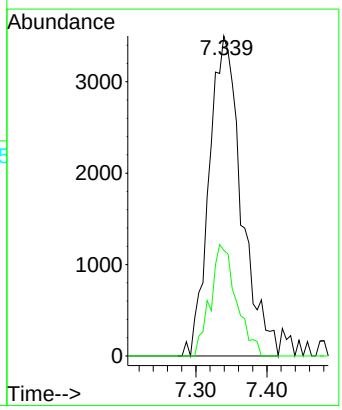


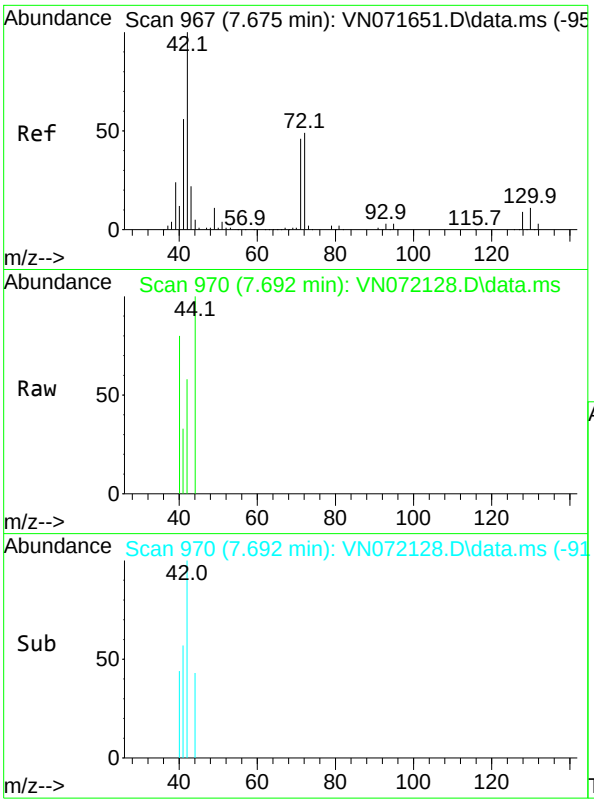


#25
2-Butanone
Concen: 3.442 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Tgt Ion: 43 Resp: 11039

Ion	Ratio	Lower	Upper
43	100		
72	33.0	23.7	35.5



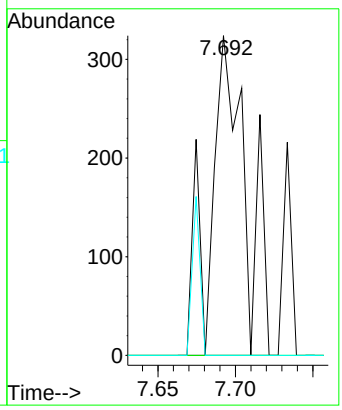


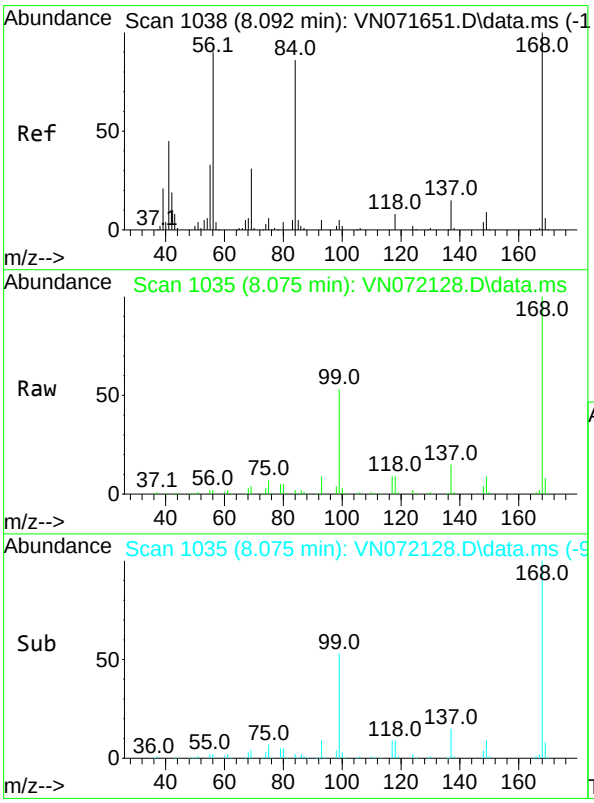
#29
Tetrahydrofuran
Concen: 0.251 ug/l
RT: 7.692 min Scan# 9
Delta R.T. 0.017 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE

Tgt Ion: 42 Resp: 521

Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.7	59.5#
71	10.9	36.6	55.0#

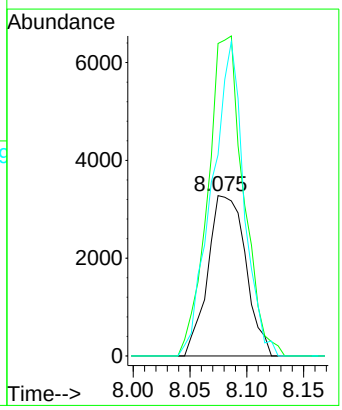


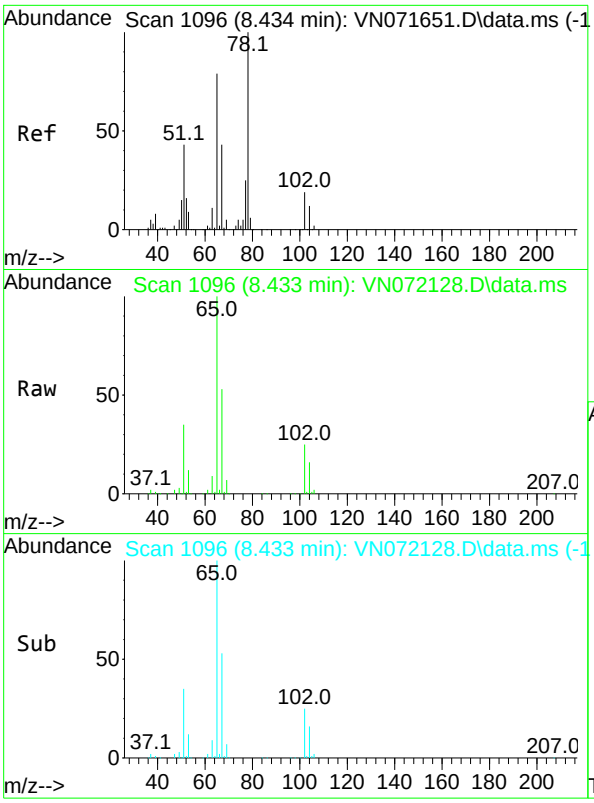


#31
Cyclohexane
Concen: 1.069 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.017 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Tgt Ion: 56 Resp: 7569

Ion	Ratio	Lower	Upper
56	100		
69	194.8	27.8	41.8#
84	139.4	76.9	115.3#



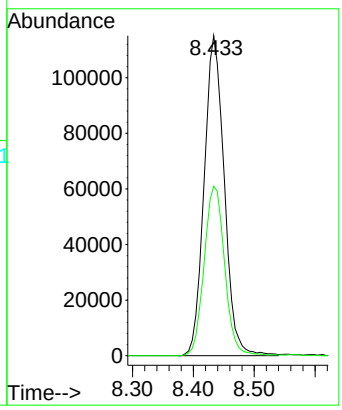


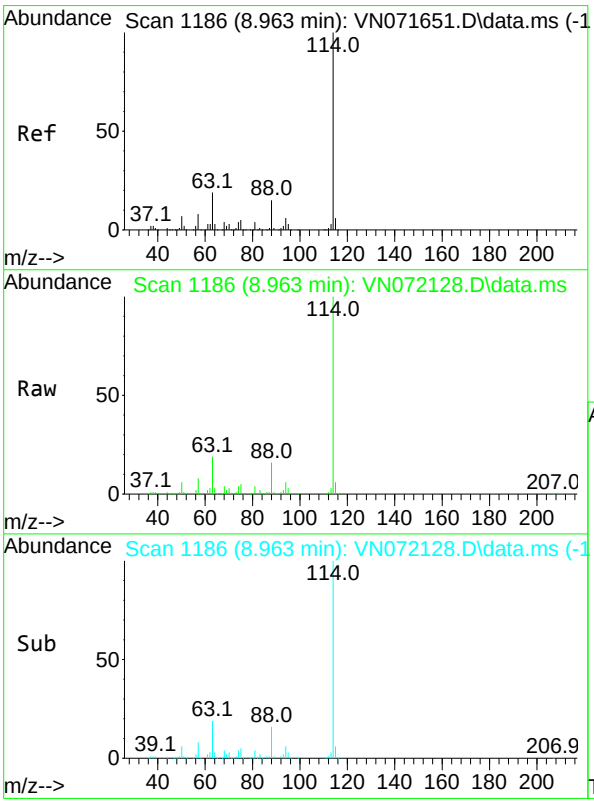
#33
1,2-Dichloroethane-d4
Concen: 50.811 ug/l
RT: 8.433 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE

Tgt Ion: 65 Resp: 264520

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	104.8

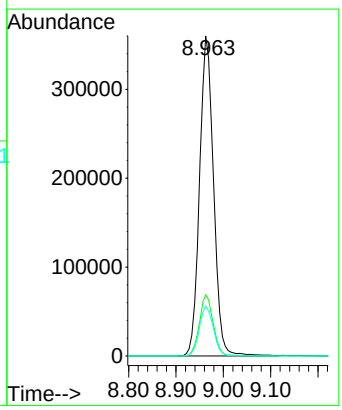


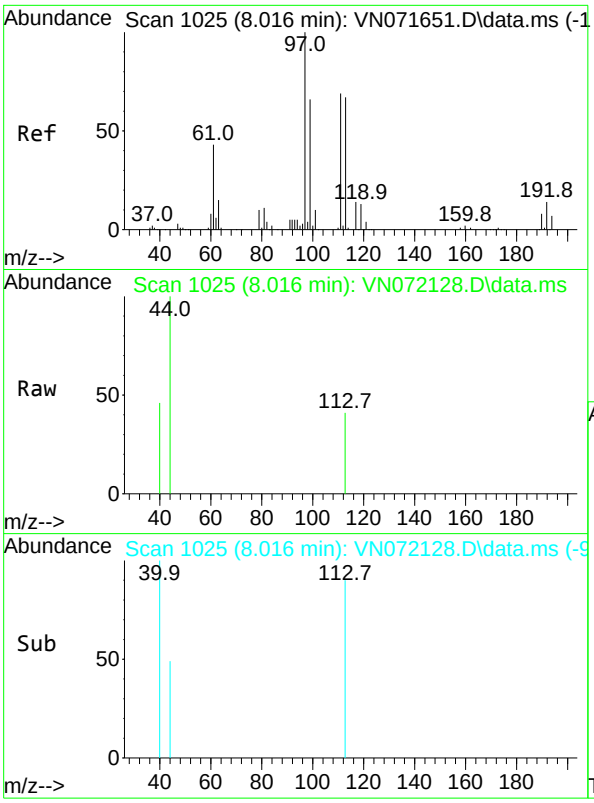


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Tgt Ion:114 Resp: 739192

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	40.0
88	15.6	0.0	32.6



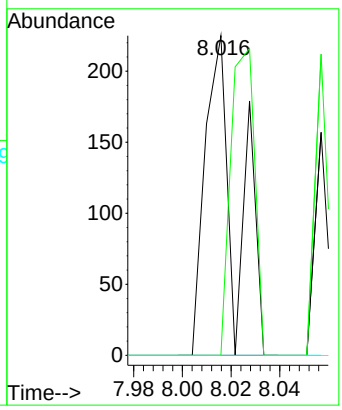


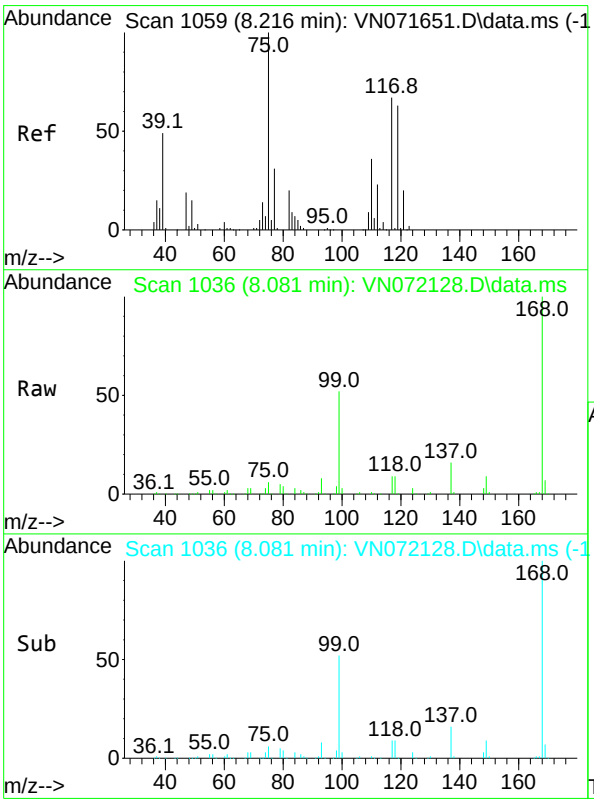
#35
Dibromofluoromethane
Concen: 0.046 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE

Tgt Ion:113 Resp: 200

Ion	Ratio	Lower	Upper
113	100		
111	74.0	81.4	122.0#
192	0.0	17.0	25.6#

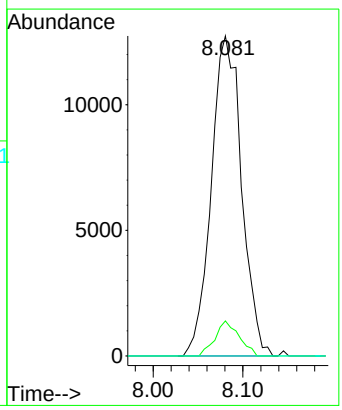


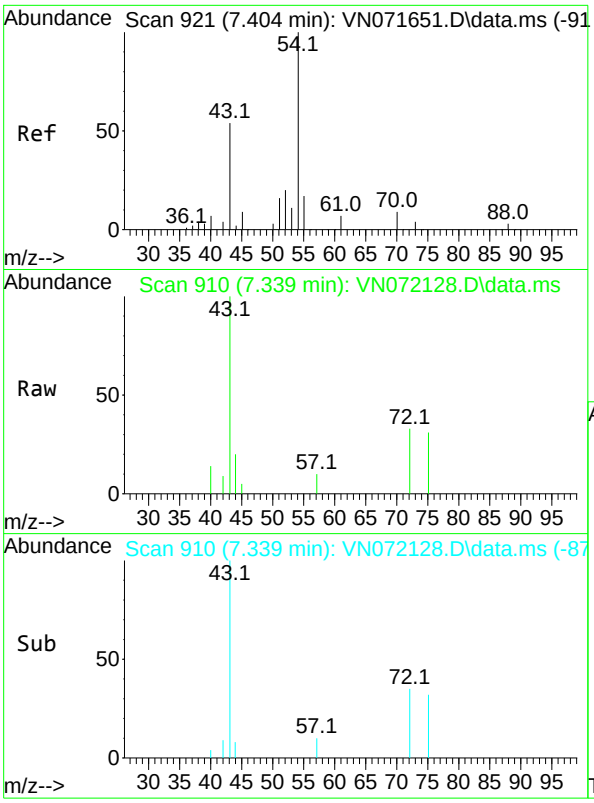


#36
1,1-Dichloropropene
Concen: 4.905 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Tgt Ion: 75 Resp: 29793

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.3	54.8#
77	0.0	25.1	37.7#



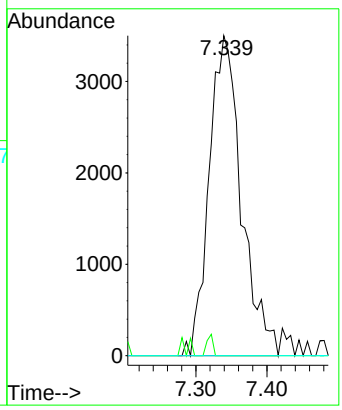


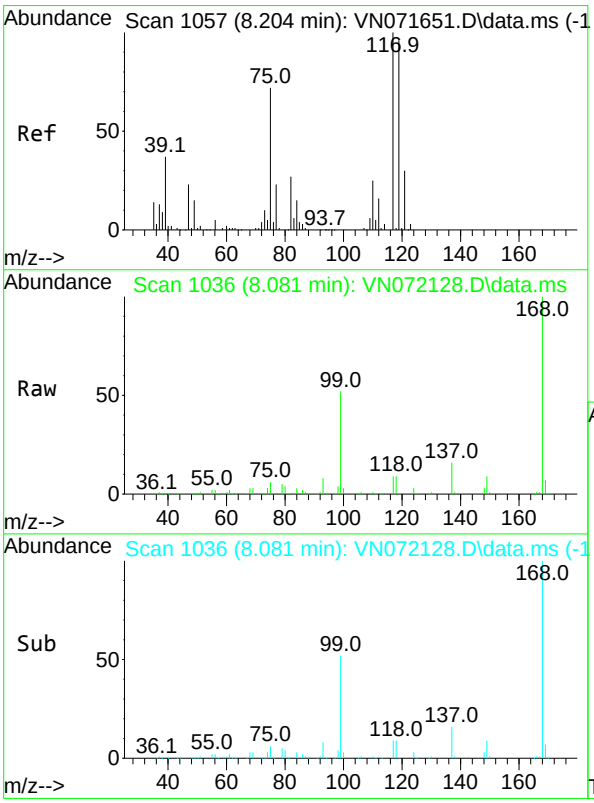
#37
Ethyl Acetate
Concen: 1.660 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.065 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE

Tgt Ion: 43 Resp: 11039

Ion	Ratio	Lower	Upper
43	100		
61	1.3	11.8	17.6#
70	0.0	9.3	13.9#

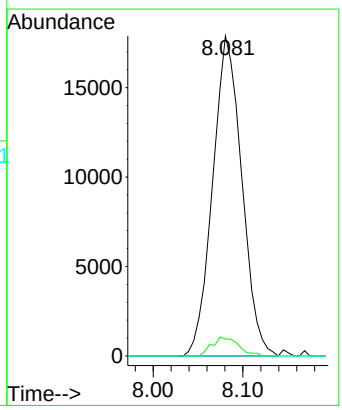


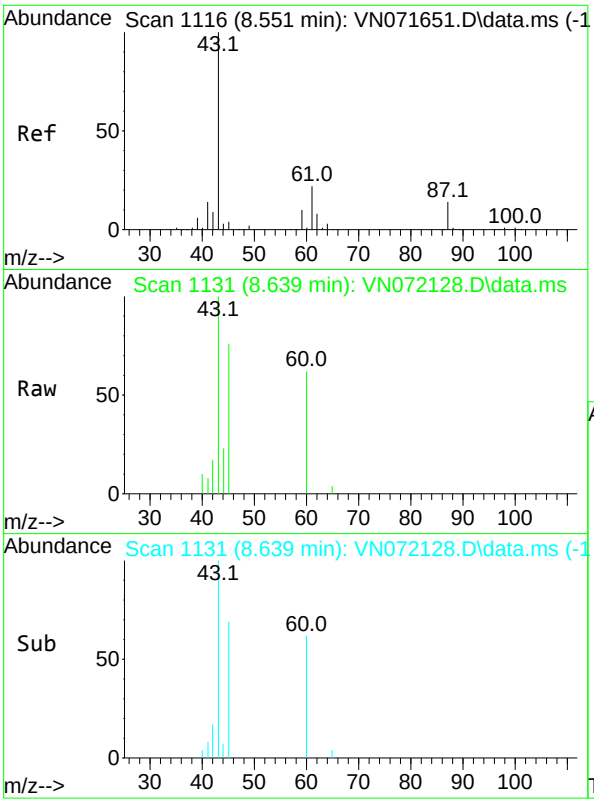


#38
Carbon Tetrachloride
Concen: 6.764 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Tgt Ion:117 Resp: 40266

Ion	Ratio	Lower	Upper
117	100		
119	5.3	75.8	113.8#
121	0.0	24.6	37.0#



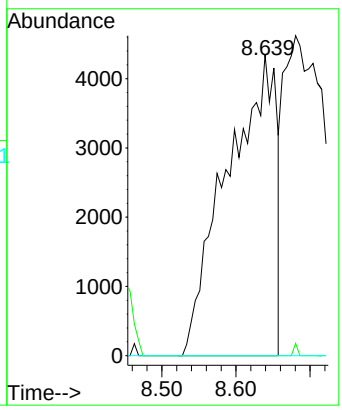


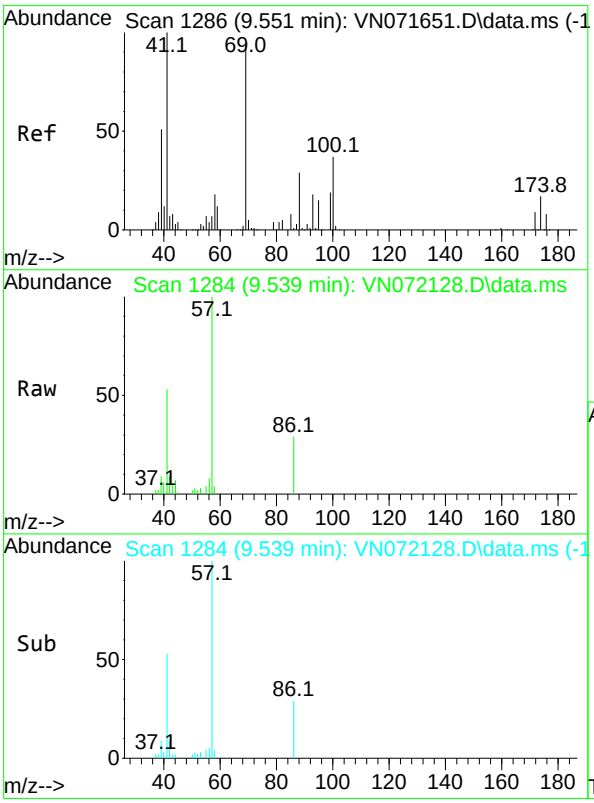
#43
Isopropyl Acetate
Concen: 1.805 ug/l
RT: 8.639 min Scan# 11
Delta R.T. 0.088 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE

Tgt Ion: 43 Resp: 19960

Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.9	32.9#
87	0.0	12.0	18.0#

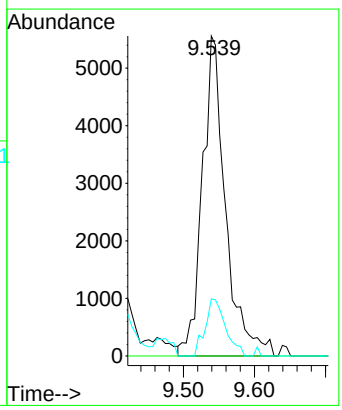


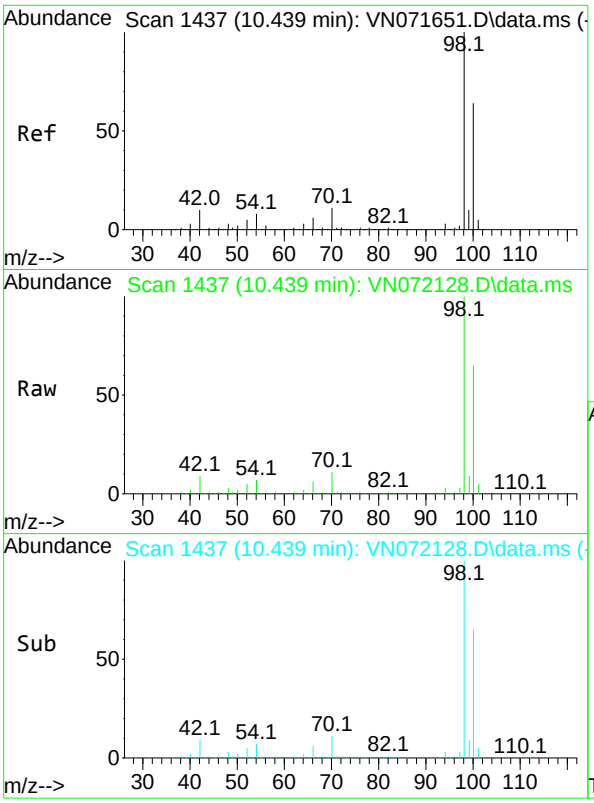


#48
Methyl methacrylate
Concen: 2.751 ug/l
RT: 9.539 min Scan# 1284
Delta R.T. -0.012 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Tgt Ion: 41 Resp: 12621

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.7	112.1#
39	15.6	45.6	68.4#



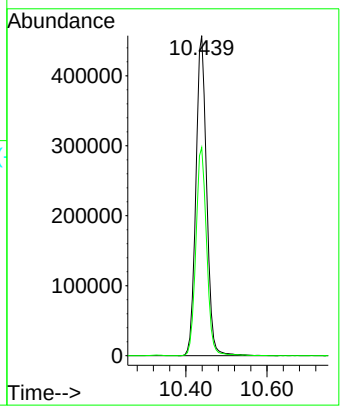


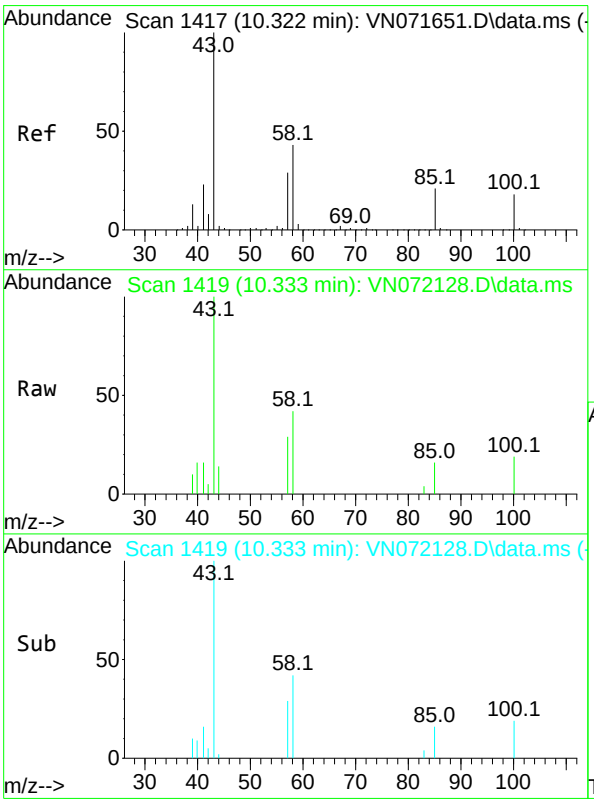
#50
Toluene-d8
Concen: 47.456 ug/l
RT: 10.439 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE

Tgt Ion: 98 Resp: 844425

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.6	78.8

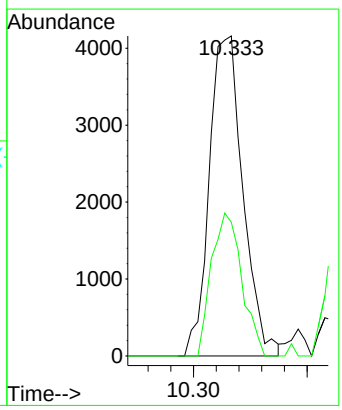


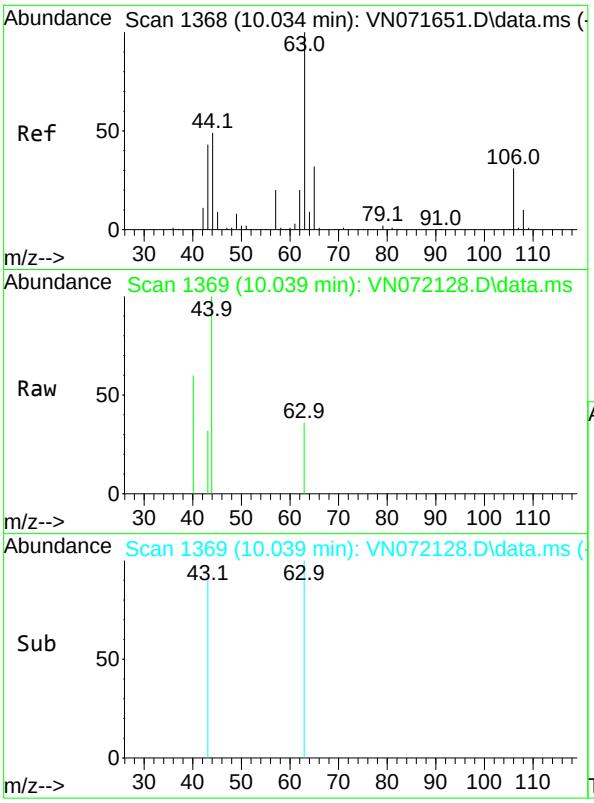


#51
4-Methyl-2-Pentanone
Concen: 1.346 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.011 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Tgt Ion: 43 Resp: 8558

Ion	Ratio	Lower	Upper
43	100		
58	40.2	34.1	51.1



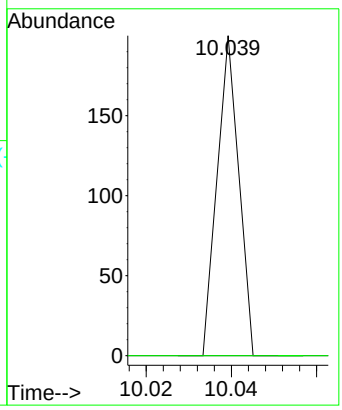


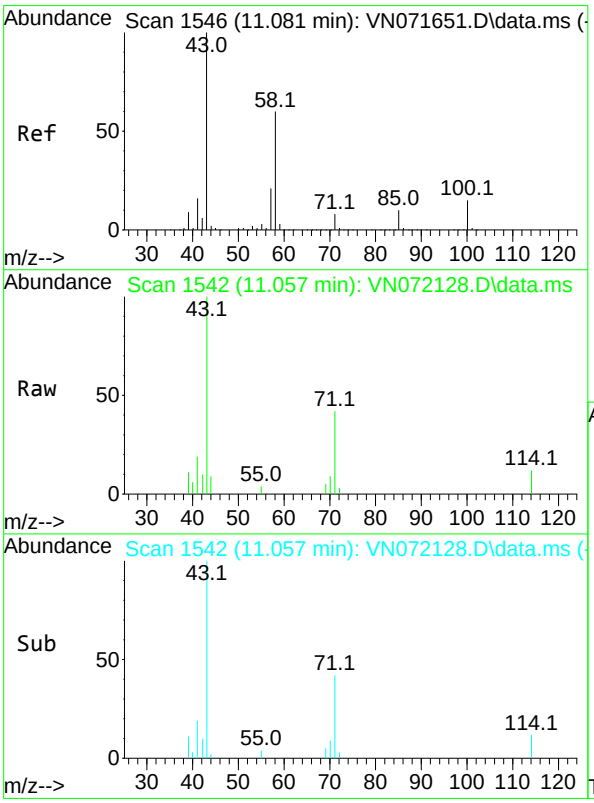
#58
2-Chloroethyl Vinyl ether
Concen: 16.997 ug/l
RT: 10.039 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE

Tgt Ion: 63 Resp: 71

Ion	Ratio	Lower	Upper
63	100		
106	0.0	24.6	36.8#

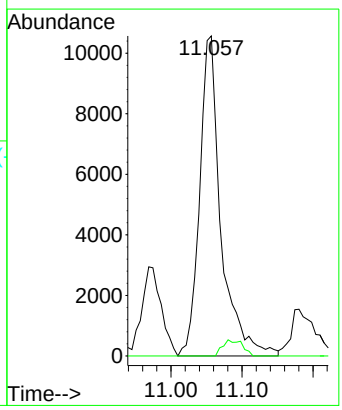


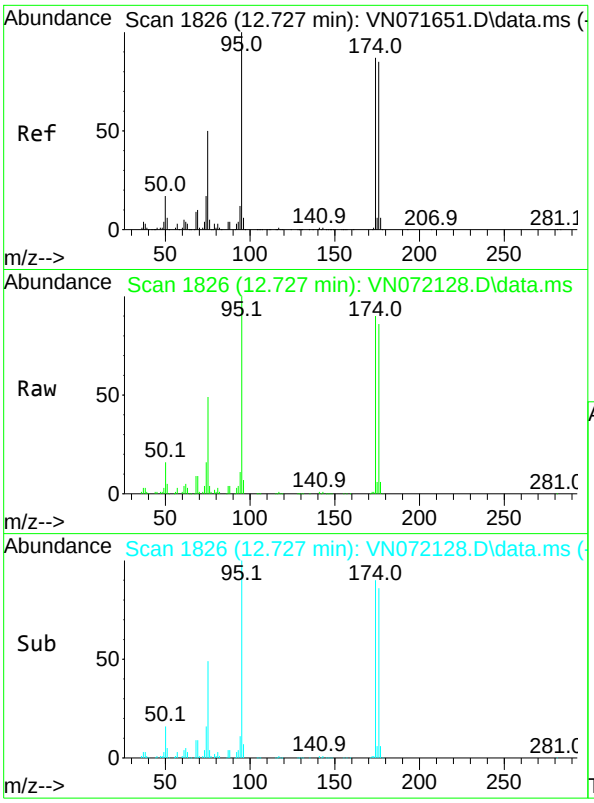


#59
2-Hexanone
Concen: 4.923 ug/l
RT: 11.057 min Scan# 1542
Delta R.T. -0.024 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Tgt Ion: 43 Resp: 22035

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.7	89.1#



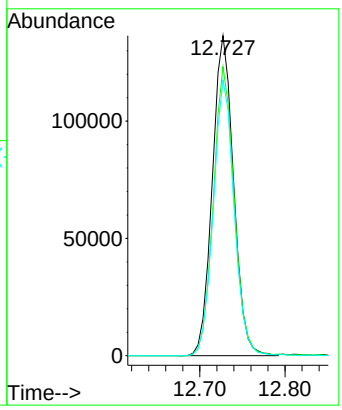


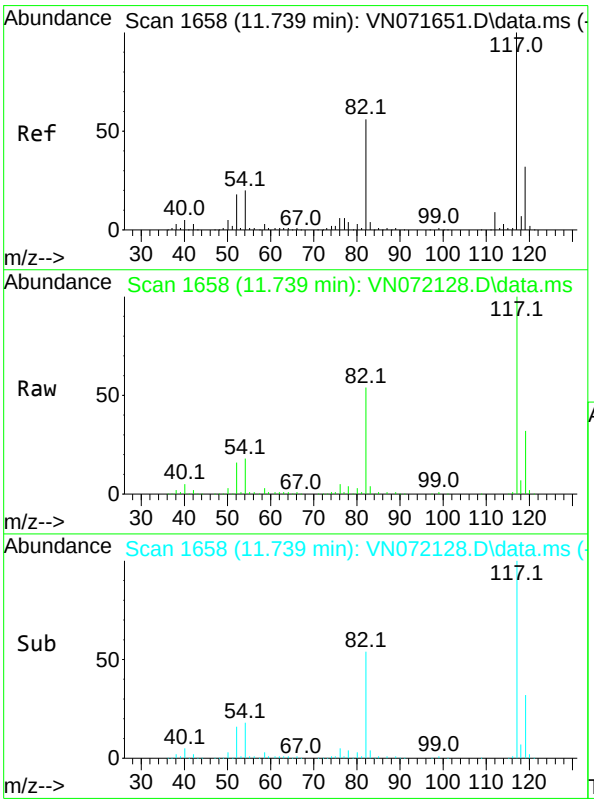
#62
4-Bromofluorobenzene
Concen: 41.161 ug/l
RT: 12.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE

Tgt Ion: 95 Resp: 236869

Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	167.6
176	84.4	0.0	163.4

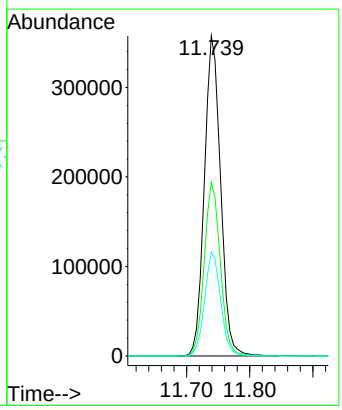


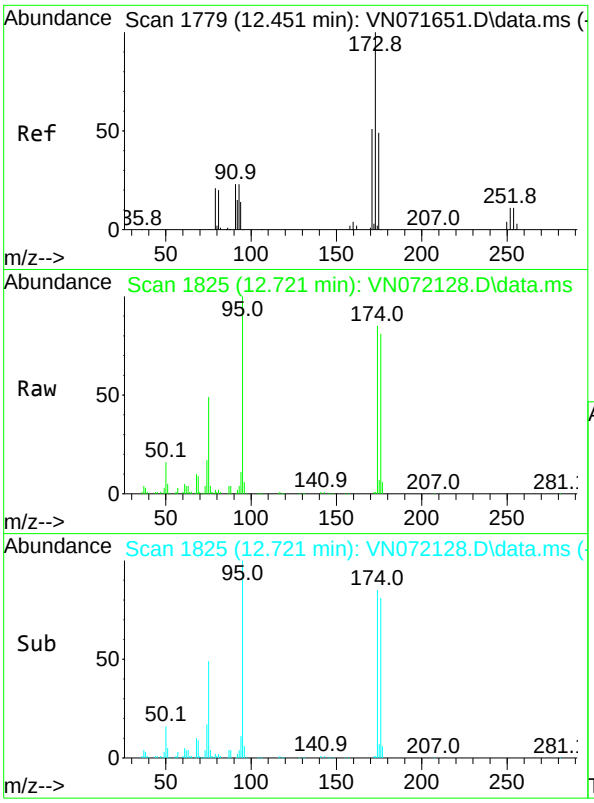


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Tgt Ion:117 Resp: 638539

Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.2	66.2
119	32.4	25.4	38.0



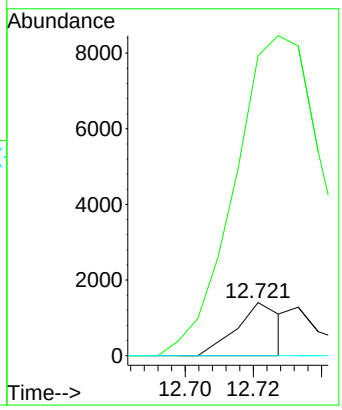


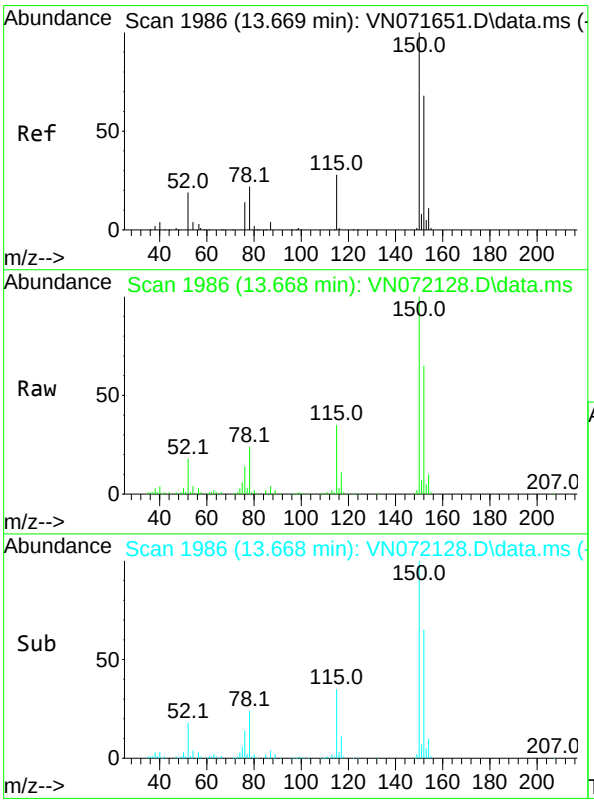
#71
Bromoform
Concen: 0.360 ug/l
RT: 12.721 min Scan# 1
Delta R.T. 0.270 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE

Tgt Ion:173 Resp: 1266

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.6	73.6#
254	0.0	0.1	0.1#

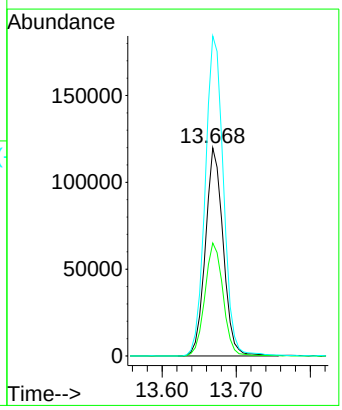


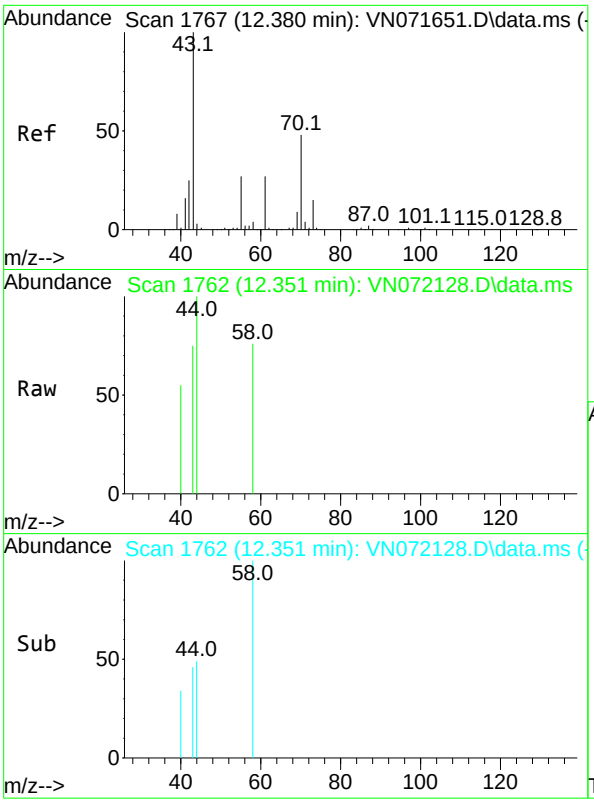


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Tgt Ion:152 Resp: 199618

Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.9	86.7
150	157.8	0.0	356.2



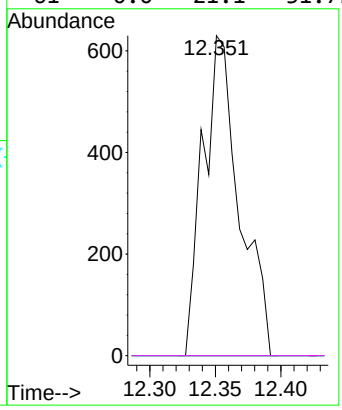


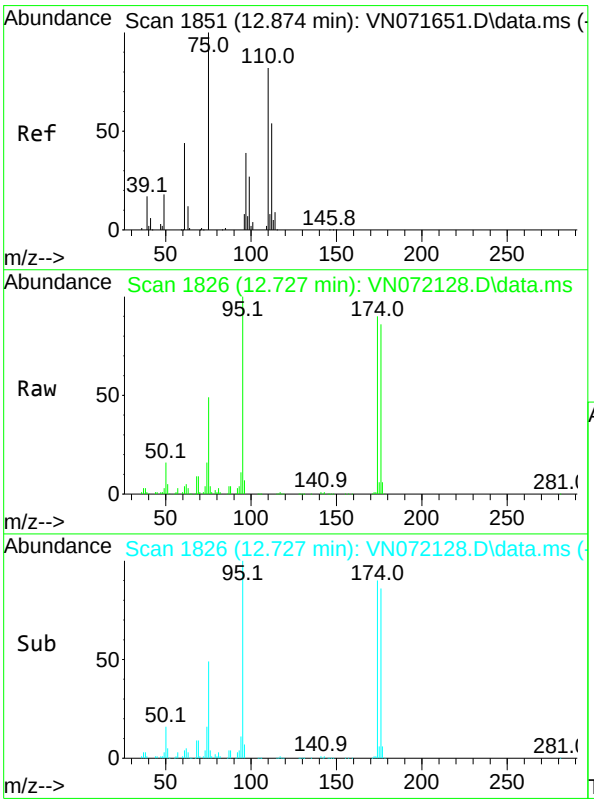
#74
N-amyl acetate
Concen: 0.253 ug/l
RT: 12.351 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE

Tgt Ion: 43 Resp: 1220

Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.4#
55	0.0	21.1	31.7#
61	0.0	21.1	31.7#

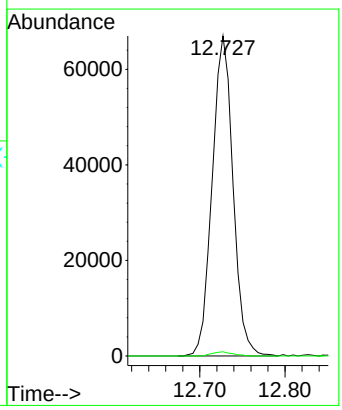


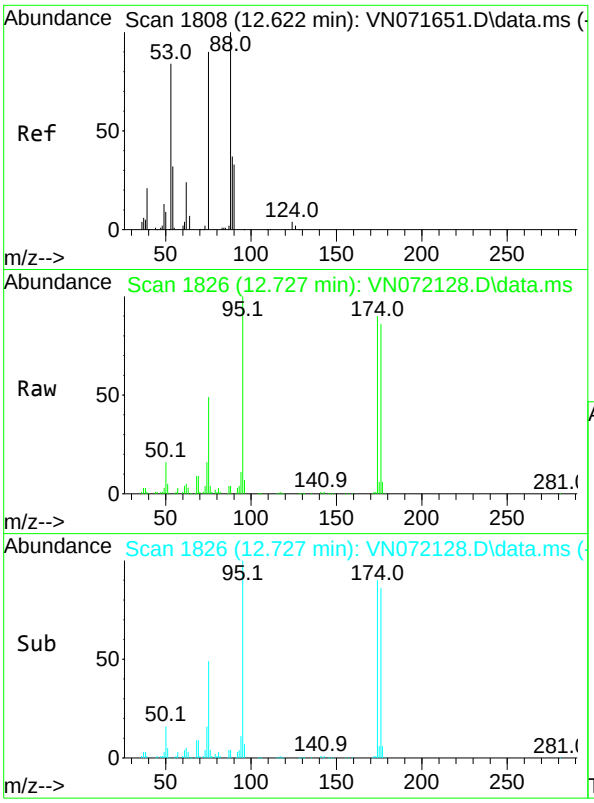


#76
1,2,3-Trichloropropane
Concen: 24.627 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Tgt Ion: 75 Resp: 113881

Ion	Ratio	Lower	Upper
75	100		
77	1.3	98.5	295.5#



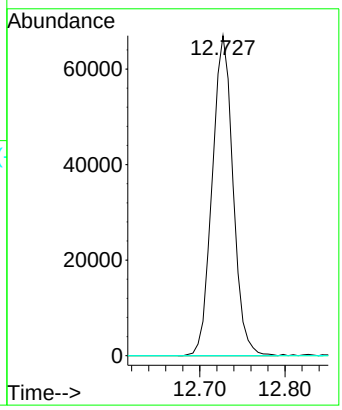


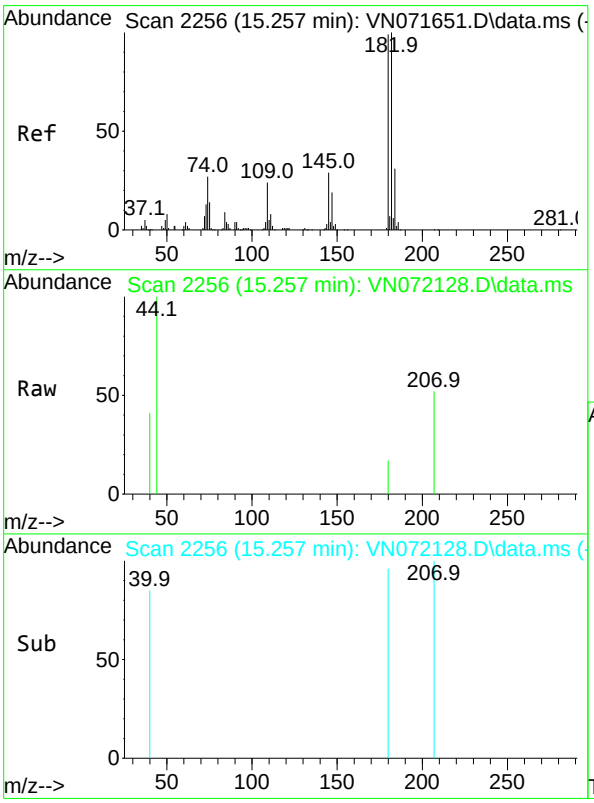
#81
trans-1,4-Dichloro-2-butene
Concen: 76.317 ug/l
RT: 12.727 min Scan# 1
Delta R.T. 0.105 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE

Tgt Ion: 75 Resp: 113881

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.0	117.0#
89	0.0	37.2	55.8#

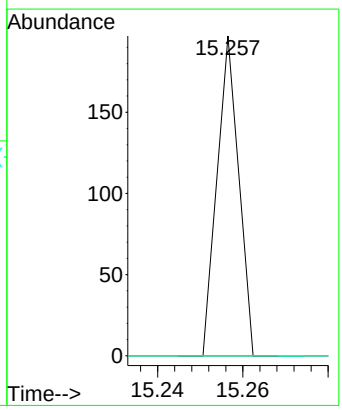


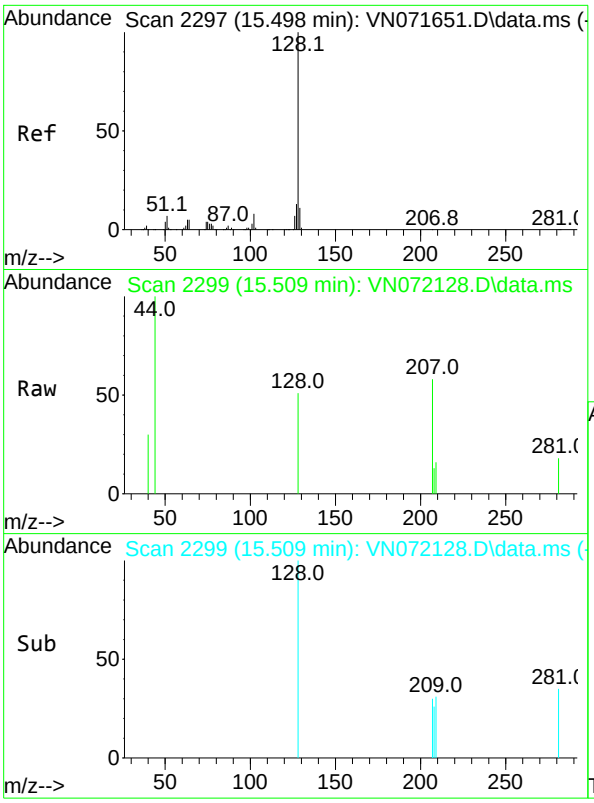


#93
1,2,4-Trichlorobenzene
Concen: 2.107 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Tgt Ion:180 Resp: 69

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.5	142.5#
145	0.0	14.5	43.5#





#95
Naphthalene
Concen: 3.893 ug/l
RT: 15.509 min Scan# 2
Delta R.T. 0.011 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE

Tgt Ion:128 Resp: 890

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#