Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
Data File : VD072818.D
Acq On : 05 May 2022 19:05
Operator : VA/SY
Sample : N2667-01
Misc : 6.67G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Quant Time: May 06 03:51:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	404072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	743570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	737633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	338311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	276261	52.670	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.340%			
35) Dibromofluoromethane	7.908	113	244373	46.795	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.600%			
50) Toluene-d8	10.332	98	916132	48.906	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.820%			
62) 4-Bromofluorobenzene	12.620	95	364049	52.120	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.240%			
Target Compounds						Qvalue
5) Bromomethane	2.773	94	1098	Below Cal		96
11) Tert butyl alcohol	5.232	59	1083	2.386	ug/l #	74
16) Acetone	4.144	43	1046	Below Cal	#	47
18) Methyl Acetate	4.562	43	77	Below Cal	#	55
20) Methylene Chloride	4.956	84	13072	Below Cal		89
31) Cyclohexane	7.967	56	11517	1.256	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	36062	4.247	ug/l #	51
38) Carbon Tetrachloride	7.967	117	47469	5.385	ug/l #	16
51) 4-Methyl-2-Pentanone	10.114	43	4164	1.112	ug/l #	39
59) 2-Hexanone	10.944	43	9342	3.708	ug/l #	29
74) N-amyl acetate	12.255	43	26969	4.114	ug/l #	67
76) 1,2,3-Trichloropropane	12.620	75	200931	53.264	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.949	105	26256	1.176	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.620	75	200931	122.485	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.255	105	35780	1.604	ug/l	99

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

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Instrument :
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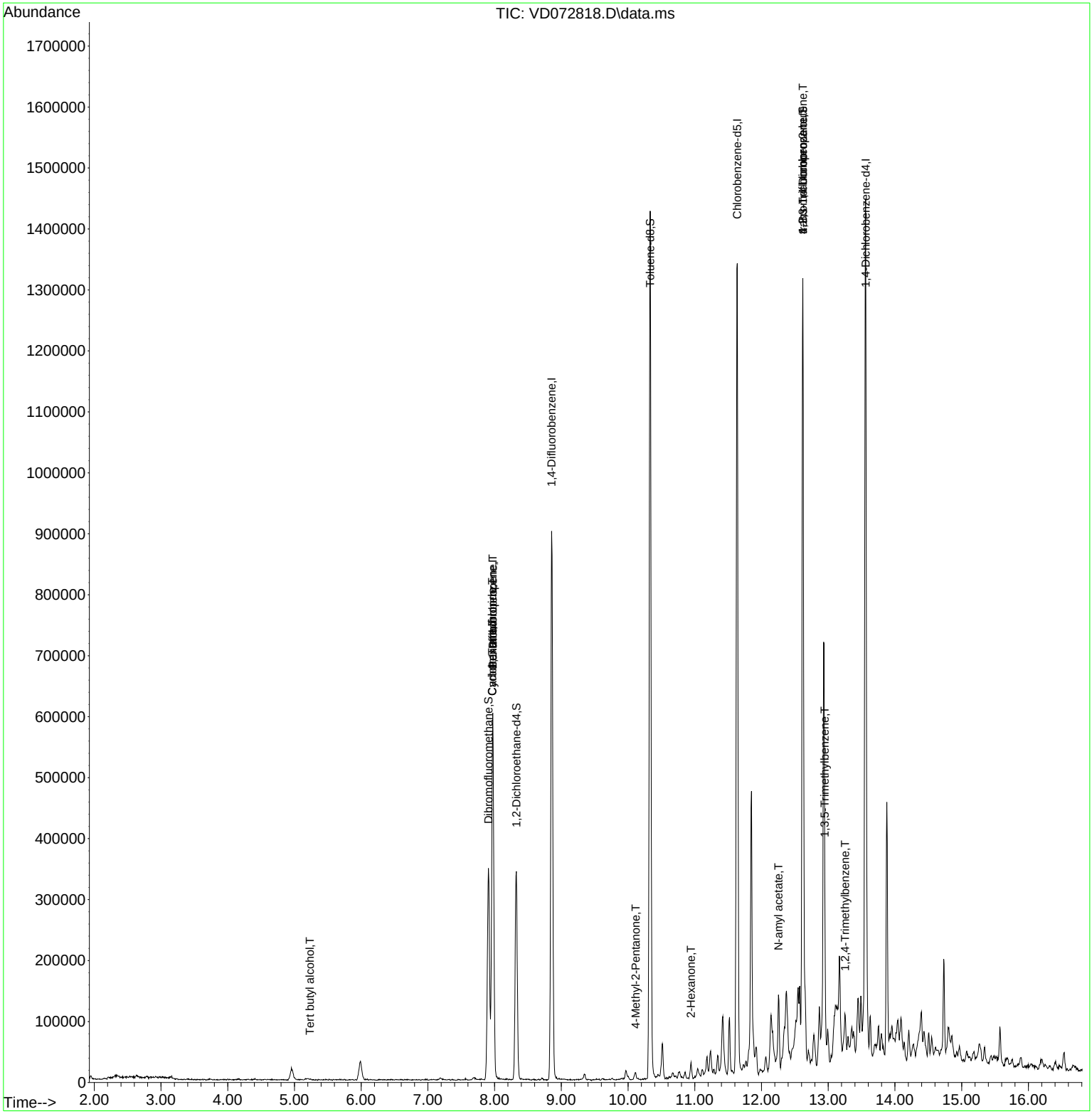
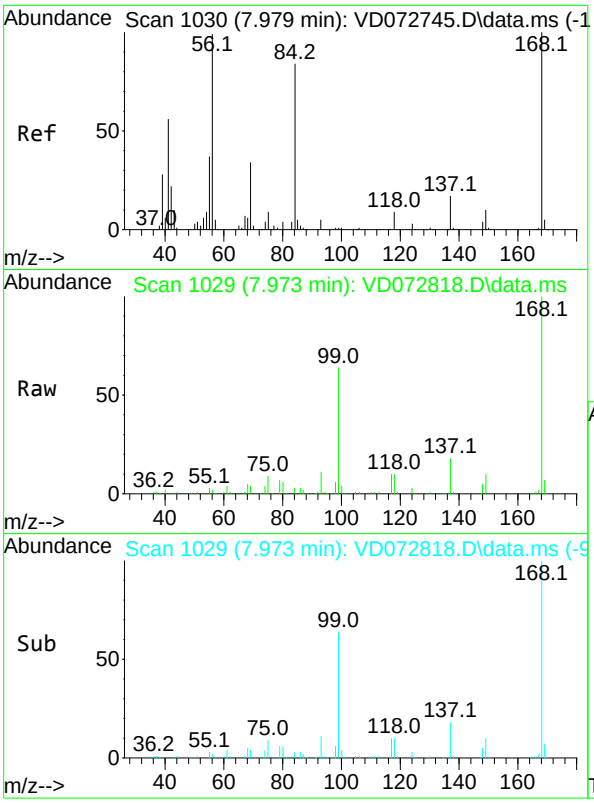
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Quant Time: May 06 03:51:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration



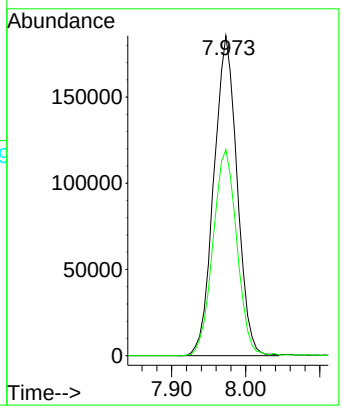


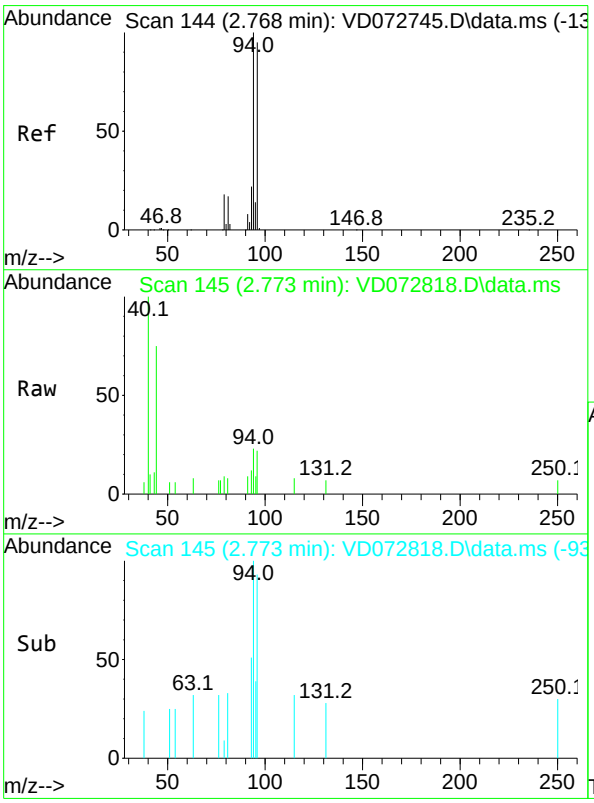
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Instrument :
MSVOA_D
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion:168 Resp: 404072

Ion	Ratio	Lower	Upper
168	100		
99	64.4	49.8	74.6

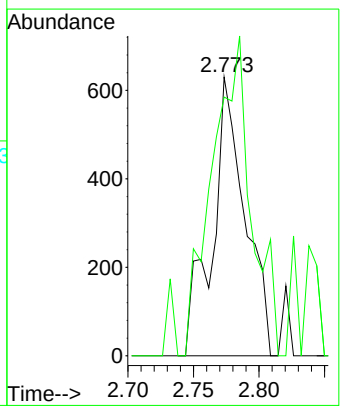


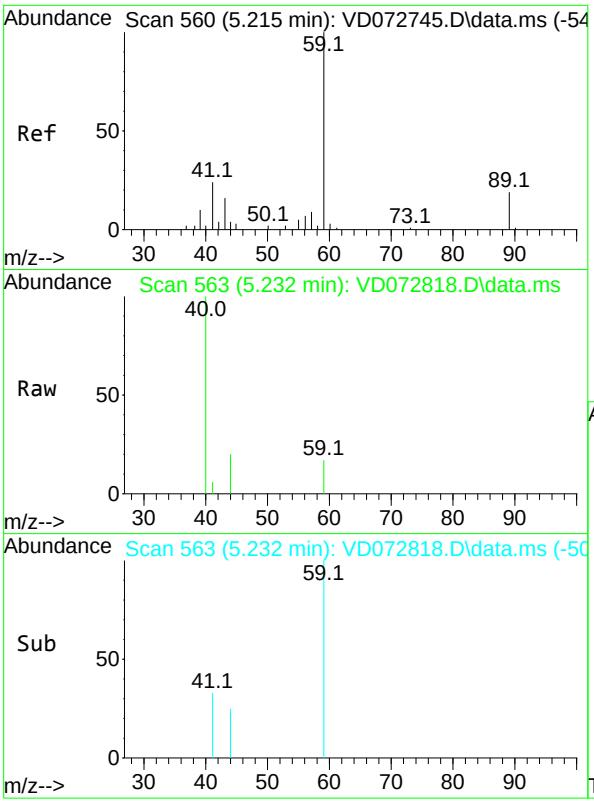


#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Tgt Ion: 94 Resp: 1098

Ion	Ratio	Lower	Upper
94	100		
96	92.9	77.6	116.4



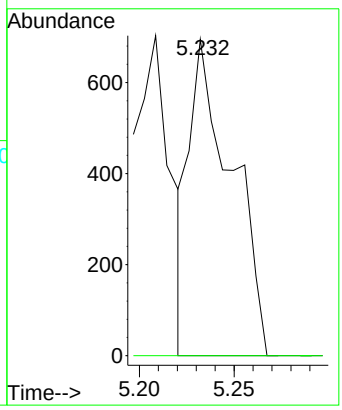


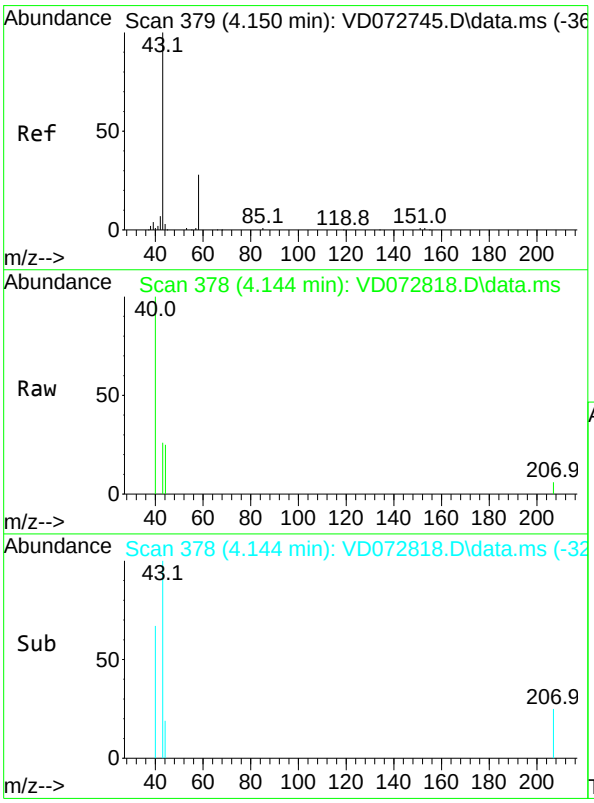
#11
Tert butyl alcohol
Concen: 2.386 ug/l
RT: 5.232 min Scan# 5
Delta R.T. 0.017 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Instrument :
MSVOA_D
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion: 59 Resp: 1083

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#

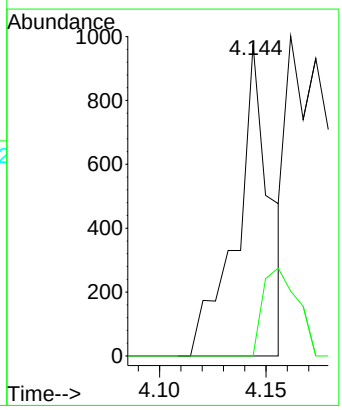


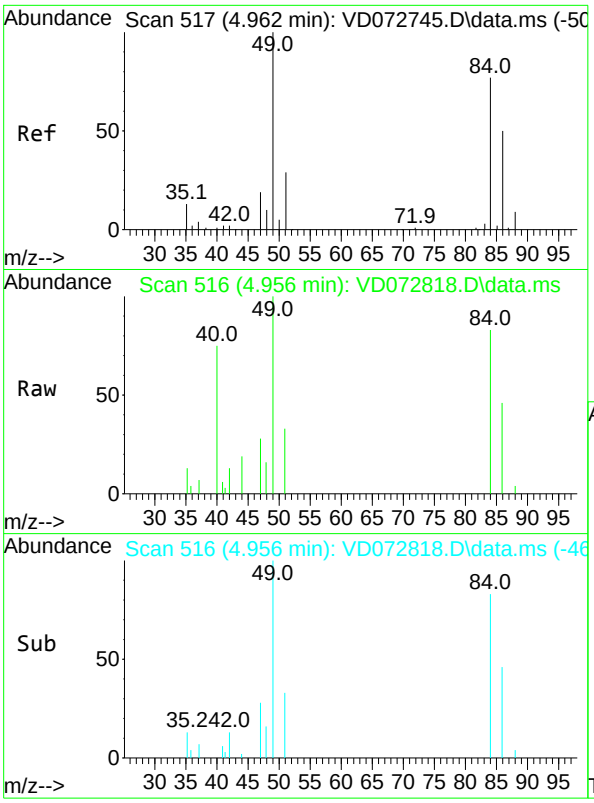


#16
Acetone
Concen: Below Cal
RT: 4.144 min Scan# 378
Delta R.T. -0.006 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Tgt Ion: 43 Resp: 1046

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.1	33.1#



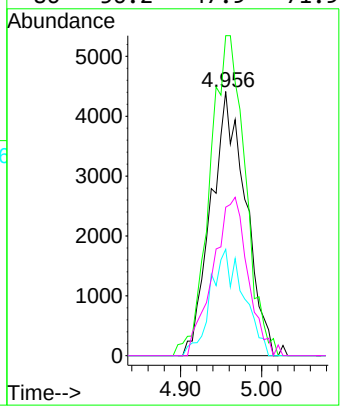


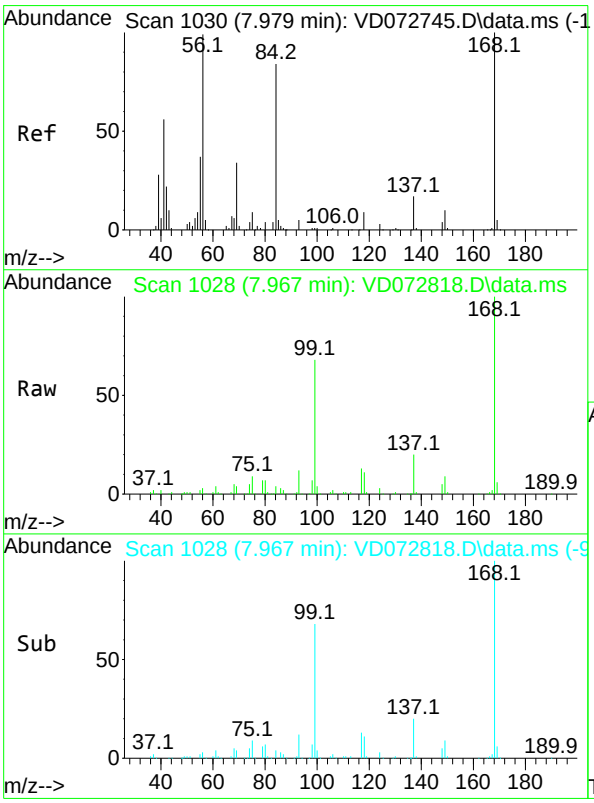
#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 5
Delta R.T. -0.006 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Instrument :
MSVOA_D
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion: 84 Resp: 13072

Ion	Ratio	Lower	Upper
84	100		
49	121.1	112.8	169.2
51	40.3	32.6	48.8
86	56.2	47.9	71.9

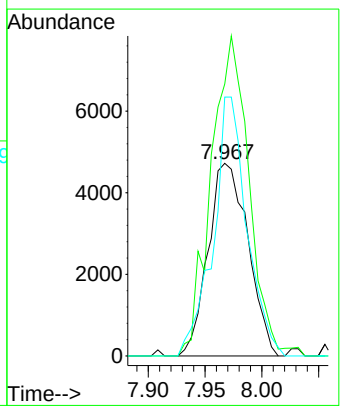


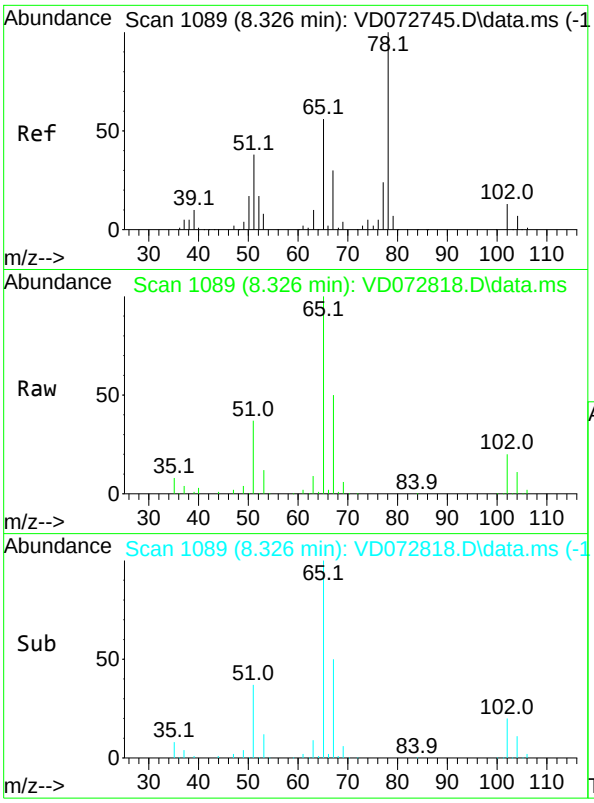


#31
Cyclohexane
Concen: 1.256 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Tgt Ion: 56 Resp: 11517

Ion	Ratio	Lower	Upper
56	100		
69	141.2	25.4	38.2#
84	134.4	63.0	94.4#



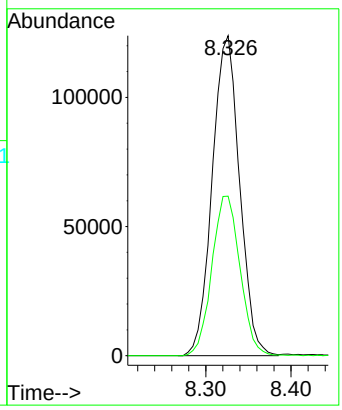


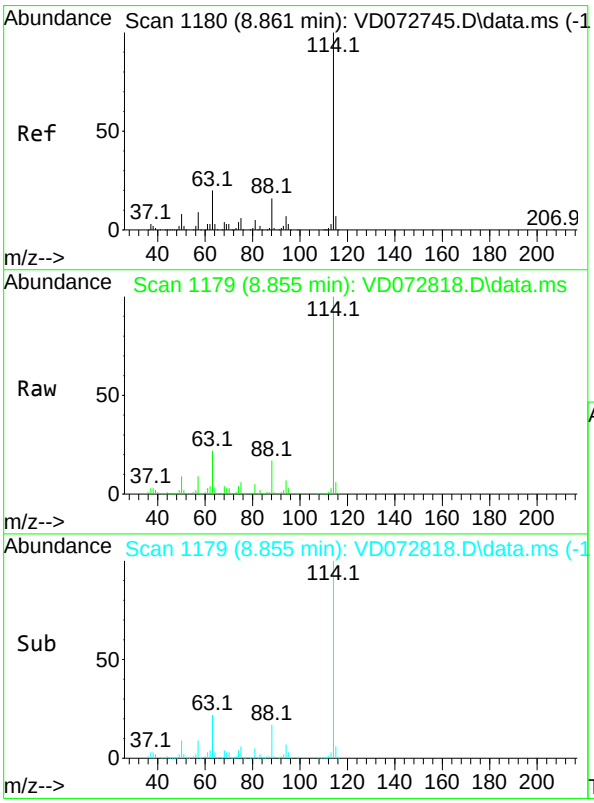
#33
1,2-Dichloroethane-d4
Concen: 52.670 ug/l
RT: 8.326 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Instrument :
MSVOA_D
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion: 65 Resp: 276261

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	101.4

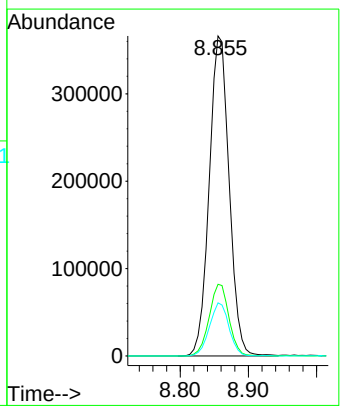


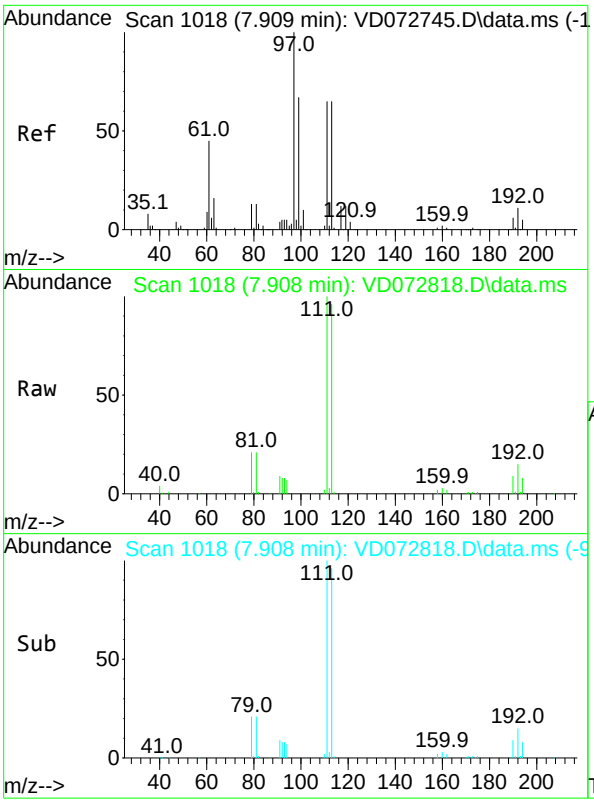


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Tgt Ion:114 Resp: 743570

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	46.6
88	16.6	0.0	33.2



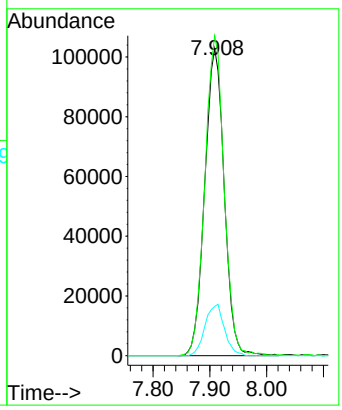


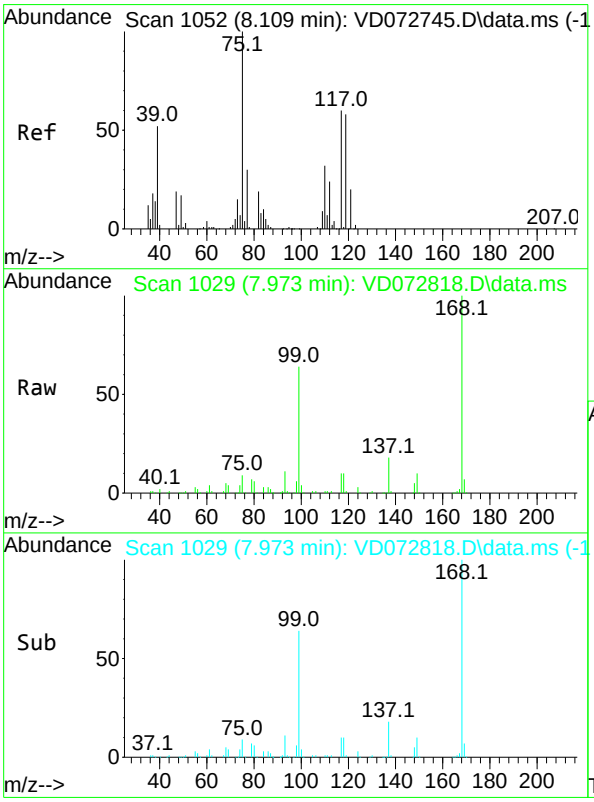
#35
Dibromofluoromethane
Concen: 46.795 ug/l
RT: 7.908 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Instrument :
MSVOA_D
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion:113 Resp: 244373

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.8	125.6
192	16.6	14.6	21.8

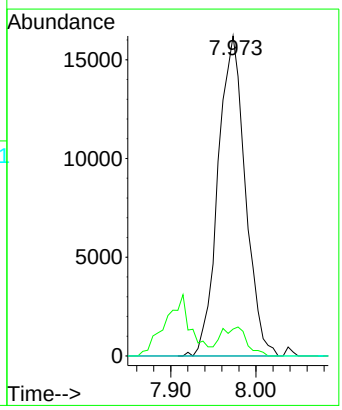


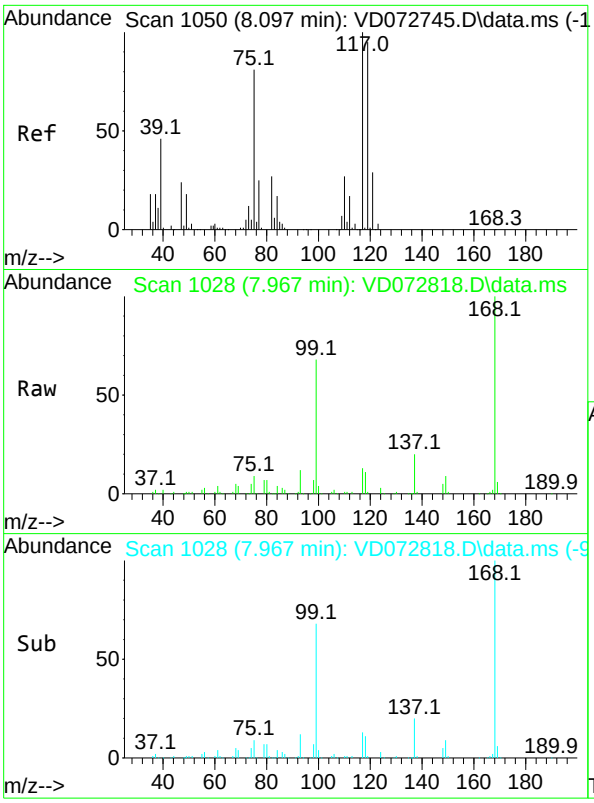


#36
1,1-Dichloropropene
Concen: 4.247 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Tgt Ion: 75 Resp: 36062

Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.4	49.1#
77	0.0	24.2	36.2#



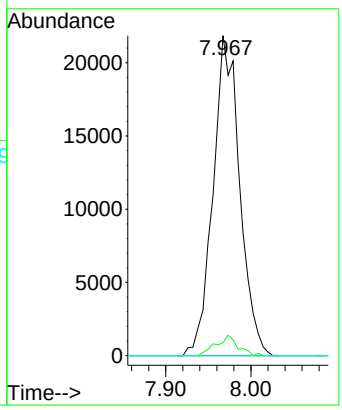


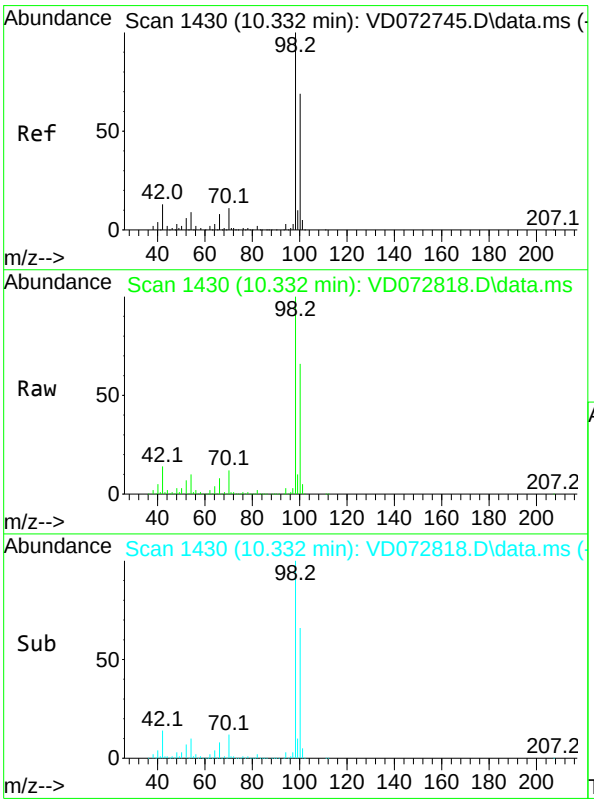
#38
Carbon Tetrachloride
Concen: 5.385 ug/l
RT: 7.967 min Scan# 1
Delta R.T. -0.130 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Instrument :
MSVOA_D
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion:117 Resp: 47469

Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.8	113.6#
121	0.0	24.5	36.7#

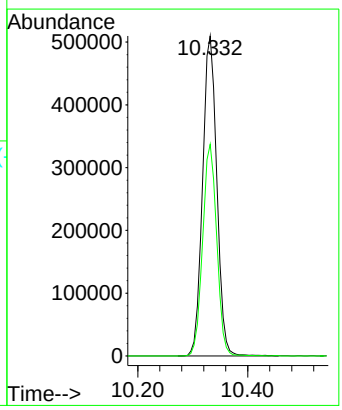


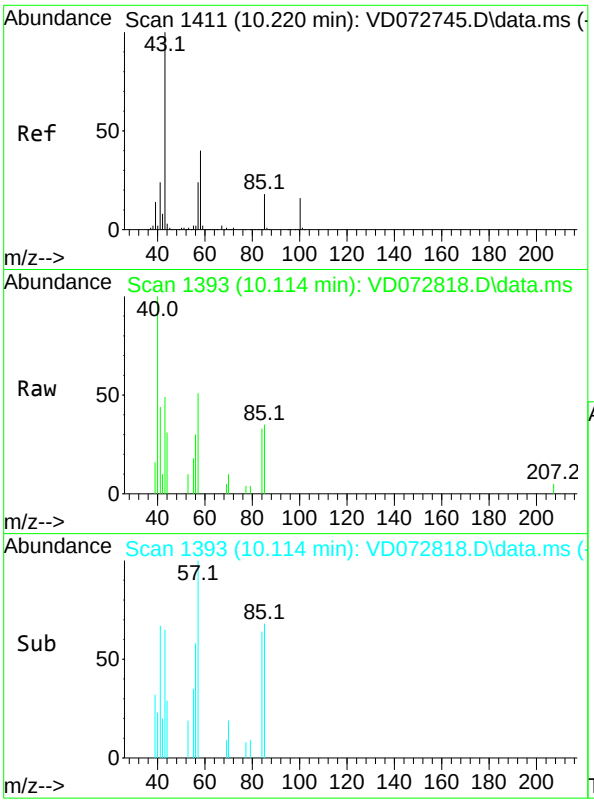


#50
Toluene-d8
Concen: 48.906 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Tgt Ion: 98 Resp: 916132

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.4	78.6



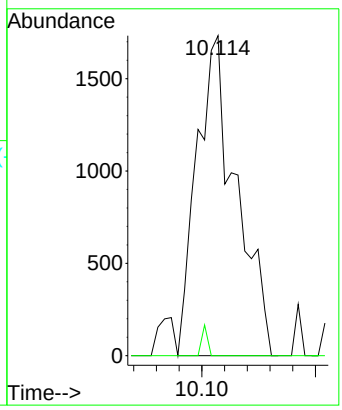


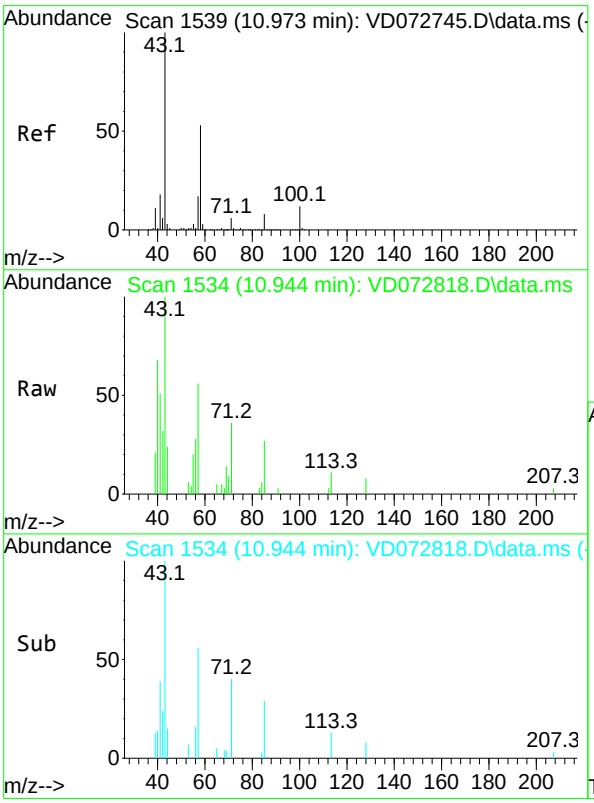
#51
4-Methyl-2-Pentanone
Concen: 1.112 ug/l
RT: 10.114 min Scan# 1
Delta R.T. -0.106 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Instrument :
MSVOA_D
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion: 43 Resp: 4164

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.6	43.0#

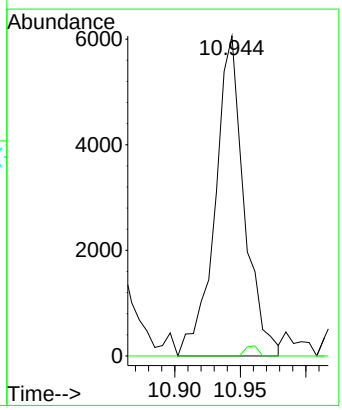


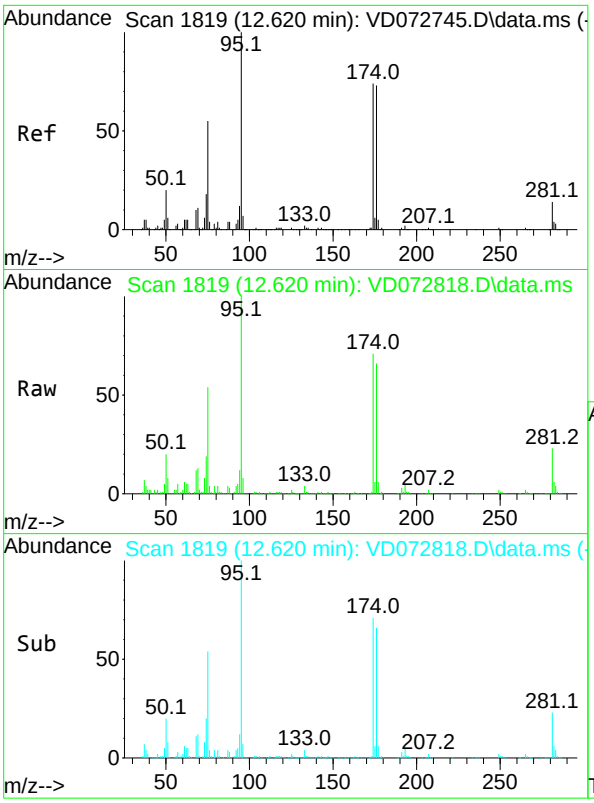


#59
2-Hexanone
Concen: 3.708 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.029 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Tgt Ion: 43 Resp: 9342

Ion	Ratio	Lower	Upper
43	100		
58	1.4	25.3	75.9#



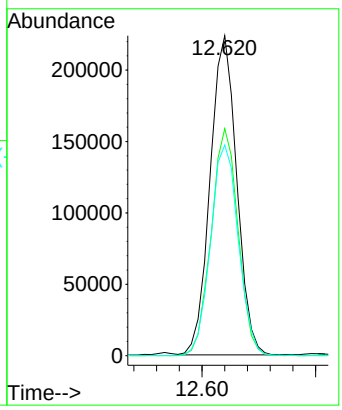


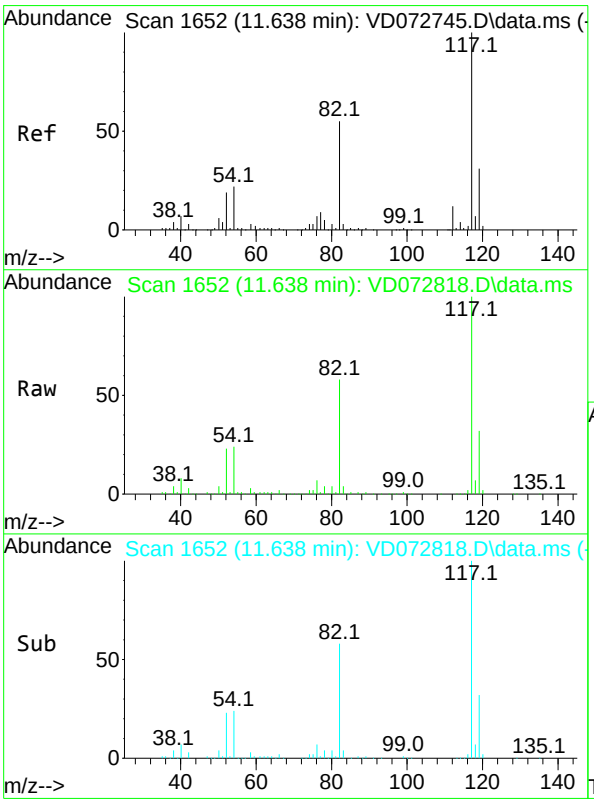
#62
4-Bromofluorobenzene
Concen: 52.120 ug/l
RT: 12.620 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Instrument :
MSVOA_D
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion: 95 Resp: 364049

Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	152.8
176	68.9	0.0	145.4

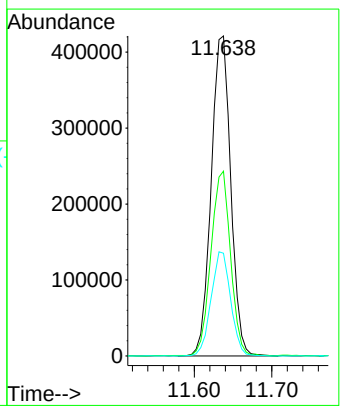


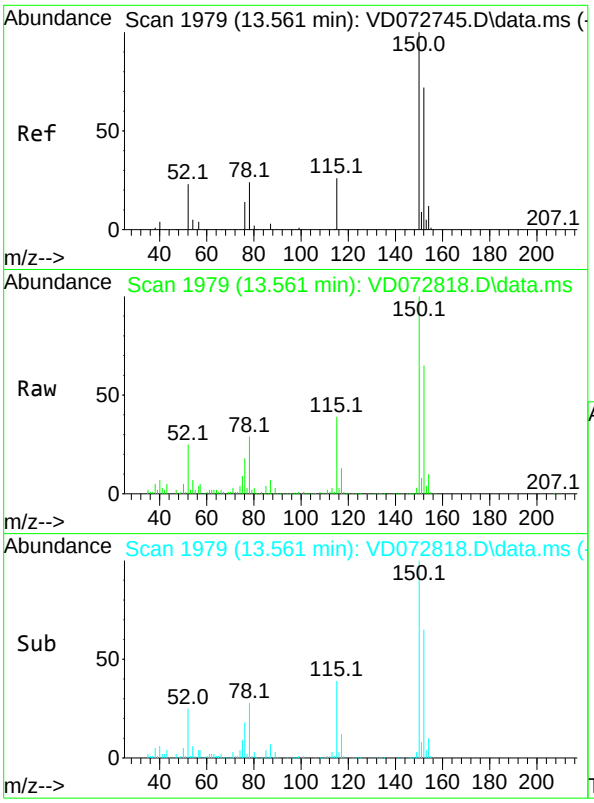


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Tgt Ion:117 Resp: 737633

Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.3	67.9
119	32.1	26.6	40.0



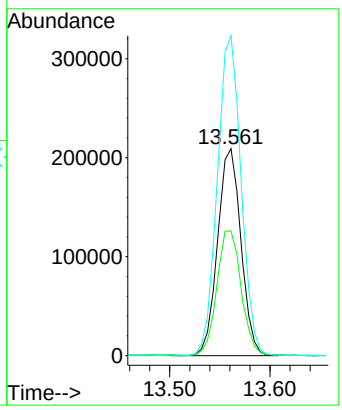


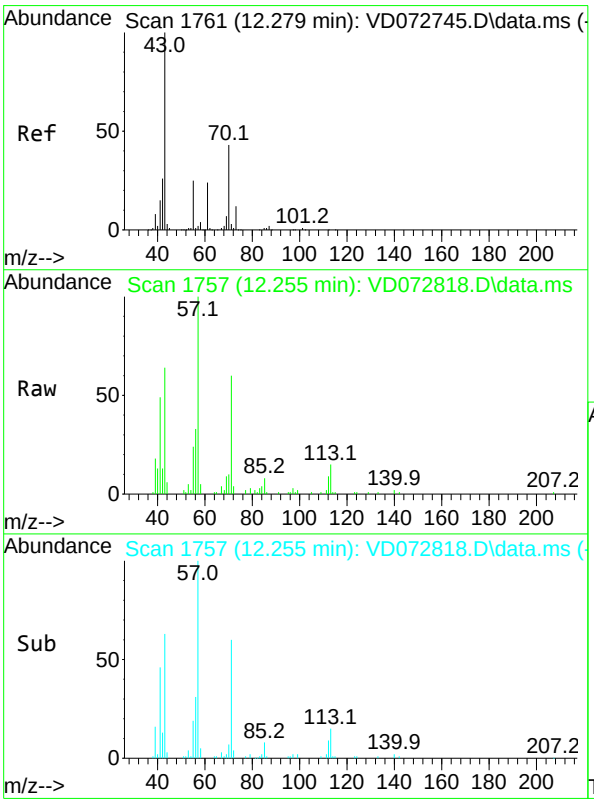
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Instrument :
MSVOA_D
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion:152 Resp: 338311

Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.3	93.8
150	156.9	0.0	348.6

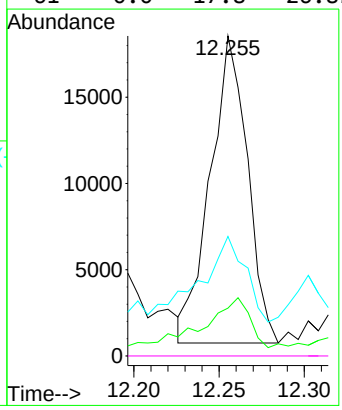


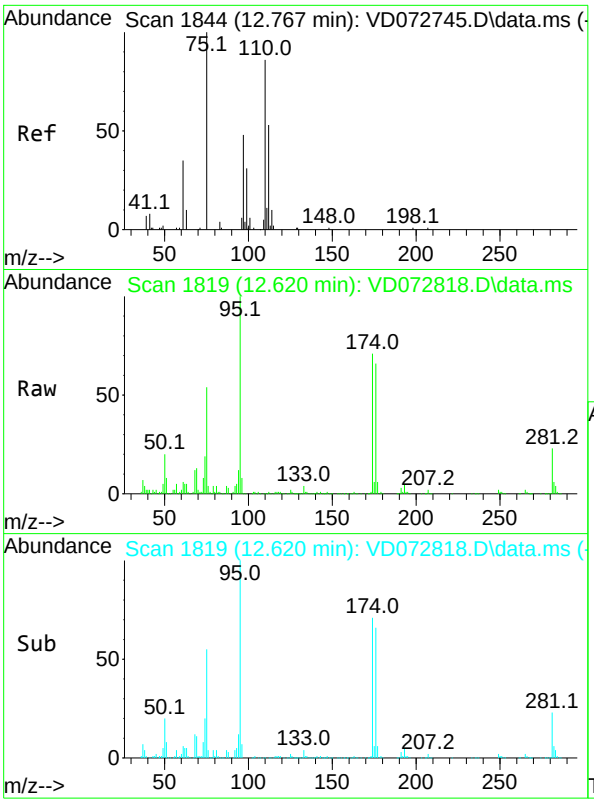


#74
N-amyl acetate
Concen: 4.114 ug/l
RT: 12.255 min Scan# 1757
Delta R.T. -0.024 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Tgt Ion: 43 Resp: 26969

Ion	Ratio	Lower	Upper
43	100		
70	18.2	31.3	46.9#
55	34.6	20.0	30.0#
61	0.0	17.8	26.8#



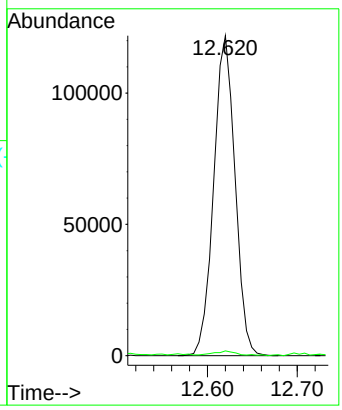


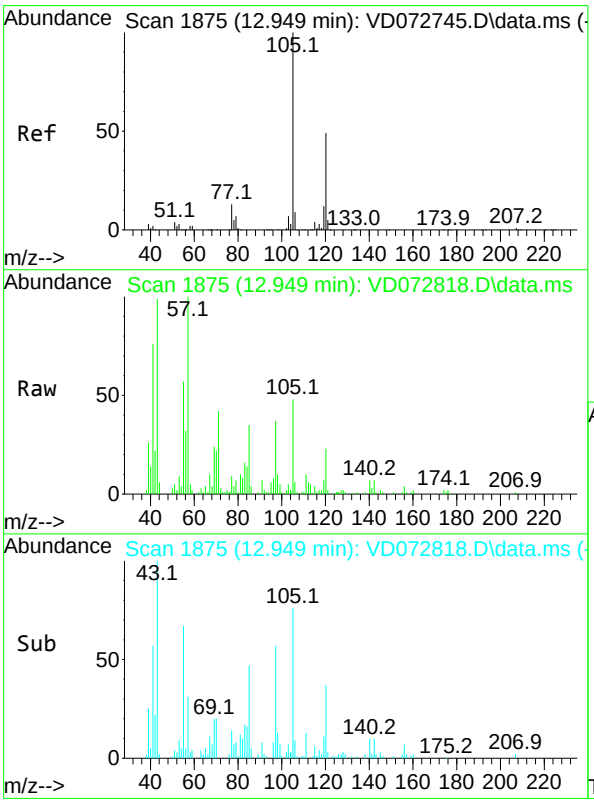
#76
1,2,3-Trichloropropane
Concen: 53.264 ug/l
RT: 12.620 min Scan# 1
Delta R.T. -0.147 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Instrument :
MSVOA_D
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion: 75 Resp: 200931

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

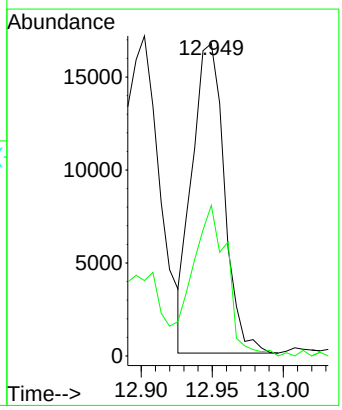


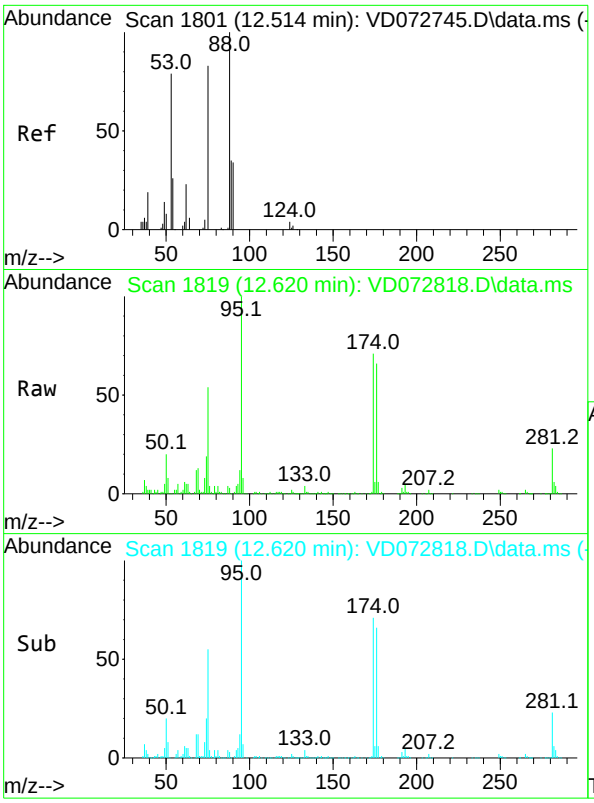


#80
1,3,5-Trimethylbenzene
Concen: 1.176 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Tgt Ion:105 Resp: 26256

Ion	Ratio	Lower	Upper
105	100		
120	52.9	24.3	72.8



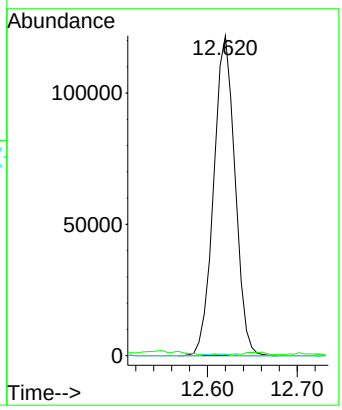


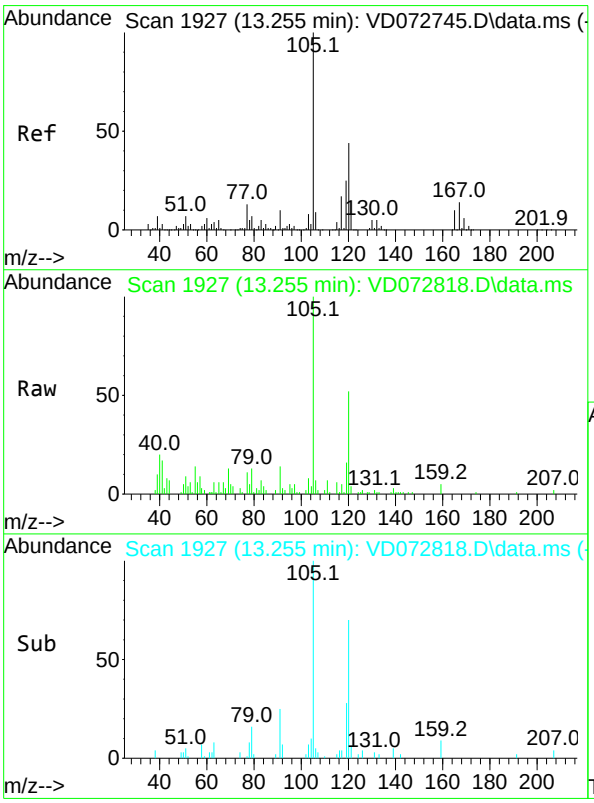
#81
trans-1,4-Dichloro-2-butene
Concen: 122.485 ug/l
RT: 12.620 min Scan# 1
Delta R.T. 0.106 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Instrument :
MSVOA_D
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion: 75 Resp: 200931

Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.5	129.7#
89	0.5	33.9	50.9#





#84
1,2,4-Trimethylbenzene
Concen: 1.604 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Tgt Ion:105 Resp: 35780

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.3	66.8