Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
Data File : VN056737.D
Acq On : 16 Jul 2019 1:44
Operator : JC/SP
Sample : K3814-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : KY030OF016-SW-190712

Quant Time: Jul 16 04:28:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 01:25:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	267476	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	474692	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.41	117	485814	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	190948	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.03	65	153871	52.01 ug/l	0.00
Spiked Amount 50.000			Recovery =	104.02%	
35) Dibromofluoromethane	7.59	113	139722	47.30 ug/l	0.00
Spiked Amount 50.000			Recovery =	94.60%	
50) Toluene-d8	10.09	98	584171	51.20 ug/l	0.00
Spiked Amount 50.000			Recovery =	102.40%	
62) 4-Bromofluorobenzene	12.40	95	214873	55.85 ug/l	0.00
Spiked Amount 50.000			Recovery =	111.70%	

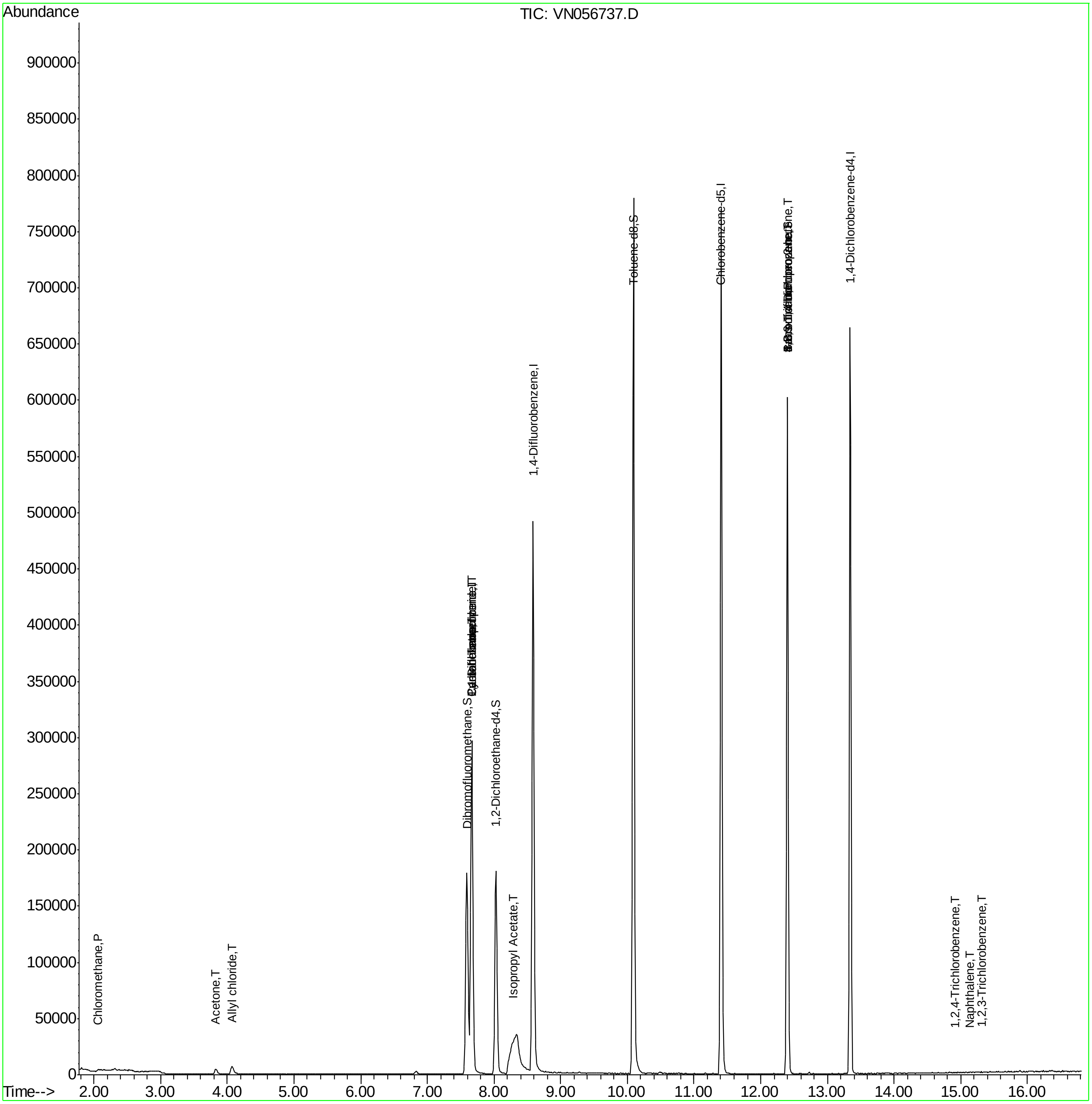
Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
3) Chloromethane	2.06	50	832	0.246 ug/l	93
14) Allyl chloride	4.08	41	1252	0.288 ug/l	92
16) Acetone	3.82	43	8908	6.534 ug/l	96
18) Methyl Acetate	4.33	43	287	Below Cal #	52
31) Cyclohexane	7.67	56	4416	0.934 ug/l #	1
36) 1,1-Dichloropropene	7.67	75	17526	3.990 ug/l #	48
38) Carbon Tetrachloride	7.67	117	22715	5.514 ug/l #	15
43) Isopropyl Acetate	8.27	43	30988	4.553 ug/l #	55
71) Bromoform	12.40	173	1623	0.583 ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	100904	24.161 ug/l #	100
79) 2-Chlorotoluene	12.59	91	383	Below Cal #	39
81) trans-1,4-Dichloro-2-buten	12.40	75	100904	74.617 ug/l #	13
93) 1,2,4-Trichlorobenzene	14.91	180	216	3.745 ug/l #	78
95) Naphthalene	15.14	128	560	4.575 ug/l #	69
96) 1,2,3-Trichlorobenzene	15.32	180	66	3.340 ug/l #	1

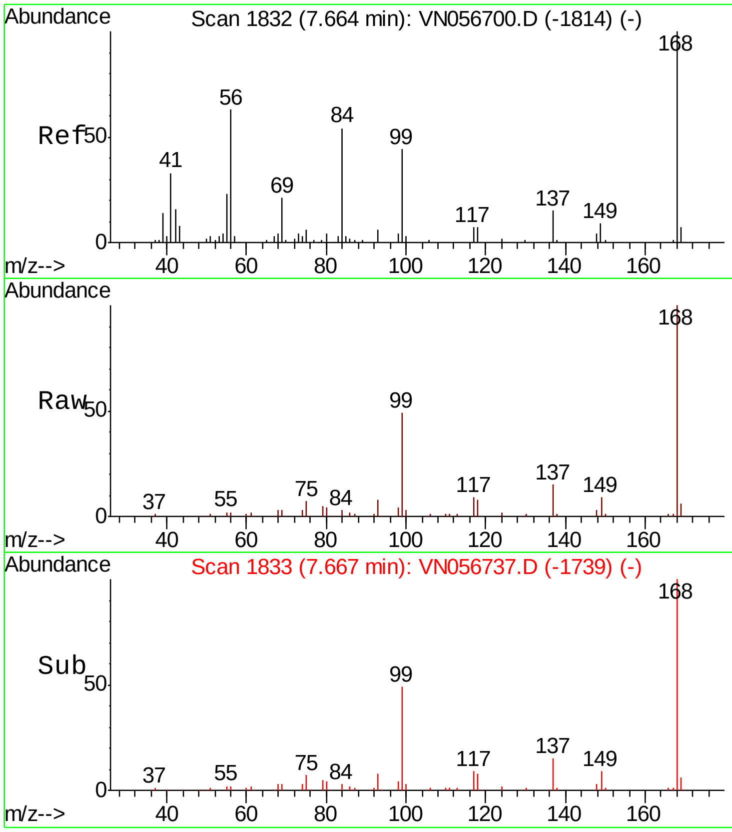
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
Data File : VN056737.D
Acq On : 16 Jul 2019 1:44
Operator : JC/SP
Sample : K3814-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
KY030OF016-SW-190712

Quant Time: Jul 16 04:28:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 01:25:25 2019
Response via : Initial Calibration



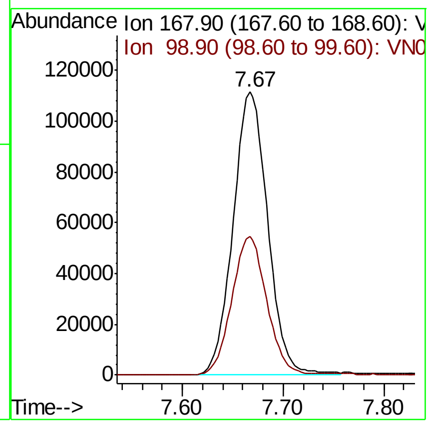


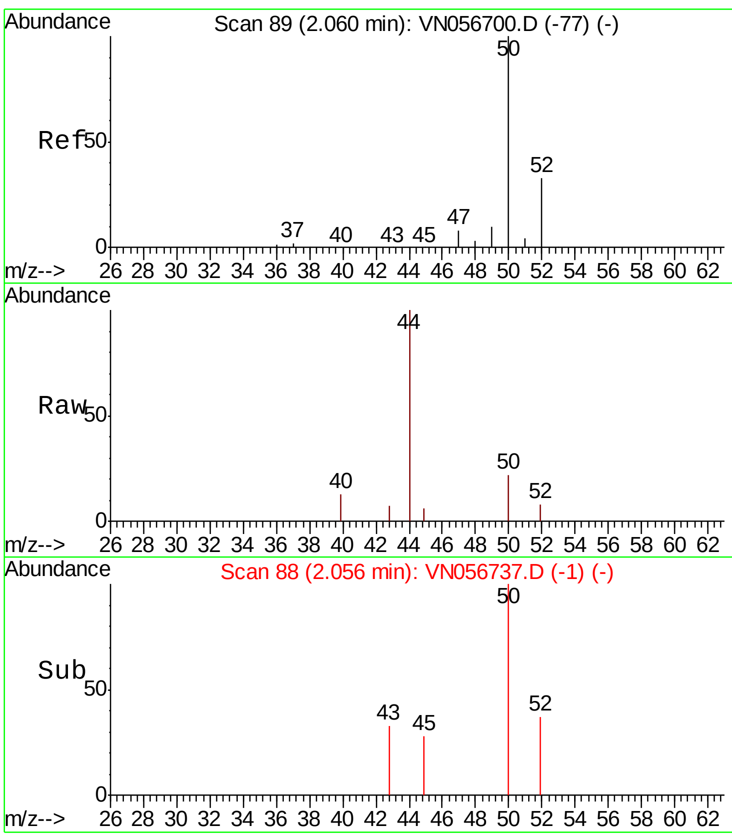
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T.   0.00 min
Lab File: VN056737.D
Acq: 16 Jul 2019   1:44

Instrument :
MSVOA_N
ClientSampleId :
KY030OF016-SW-190712

Tgt Ion:168 Resp: 267476

Ion	Ratio	Lower	Upper
168	100		
99	48.9	39.4	59.2

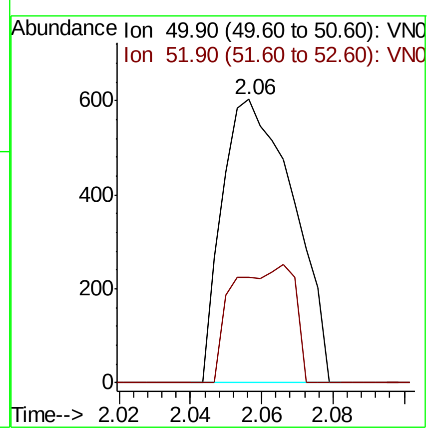


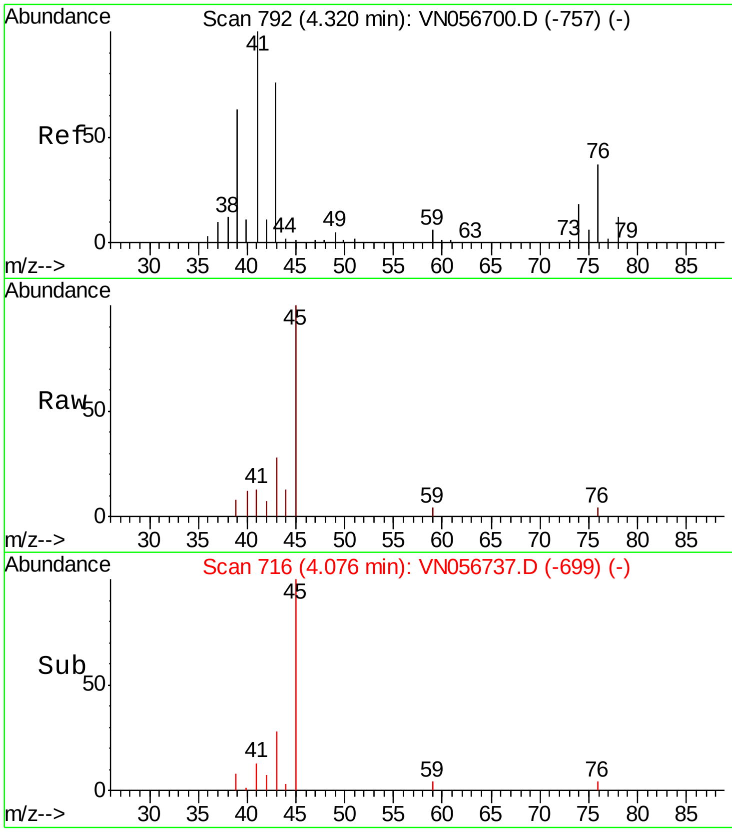


#3
Chloromethane
Concen: 0.246 ug/l
RT: 2.06 min Scan# 88
Delta R.T.   -0.00 min
Lab File: VN056737.D
Acq: 16 Jul 2019   1:44

Tgt Ion: 50 Resp: 832

Ion	Ratio	Lower	Upper
50	100		
52	37.3	26.5	39.7



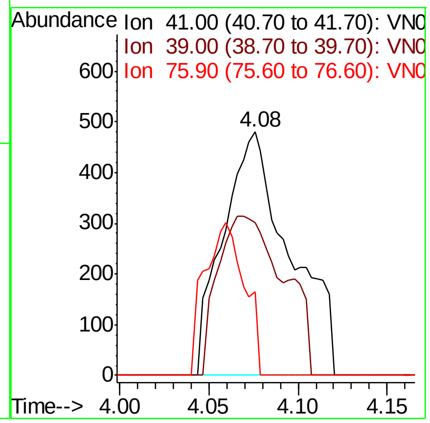


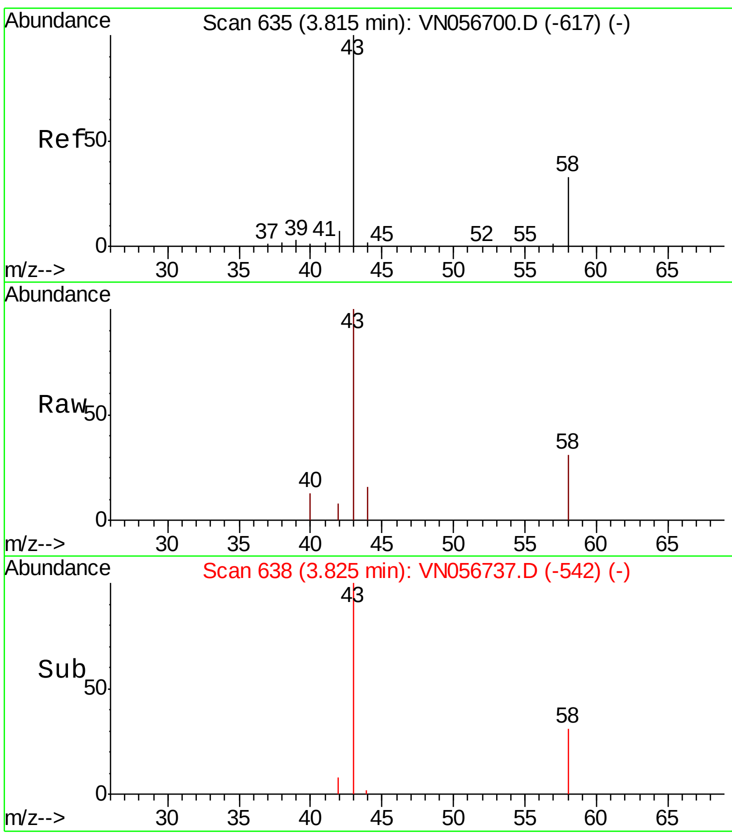
#14
Allyl chloride
Concen: 0.288 ug/l
RT: 4.08 min Scan# 716
Delta R.T.   -0.24 min
Lab File: VN056737.D
Acq: 16 Jul 2019   1:44

Instrument :
MSVOA_N
ClientSampleId :
KY030OF016-SW-190712

Tgt Ion: 41 Resp: 1252

Ion	Ratio	Lower	Upper
41	100		
39	64.7	46.9	70.3
76	37.3	26.5	39.7

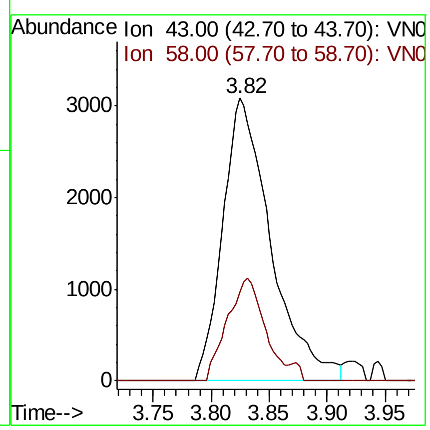




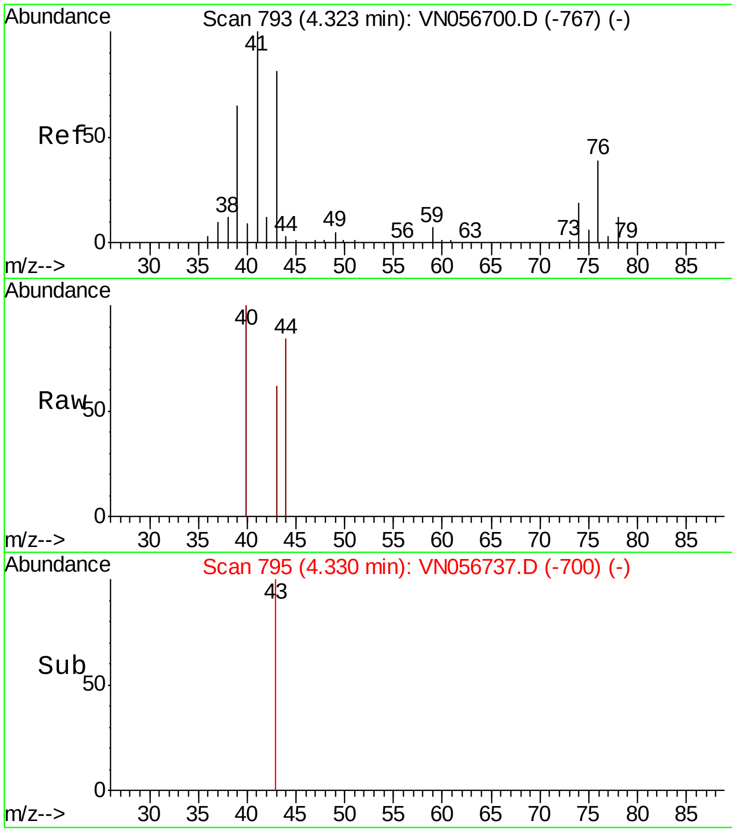
#16
Acetone
Concen: 6.534 ug/l
RT: 3.82 min Scan# 638
Delta R.T.   0.01 min
Lab File: VN056737.D
Acq: 16 Jul 2019   1:44

Tgt Ion: 43 Resp: 8908

Ion	Ratio	Lower	Upper
43	100		
58	31.4	26.7	40.1



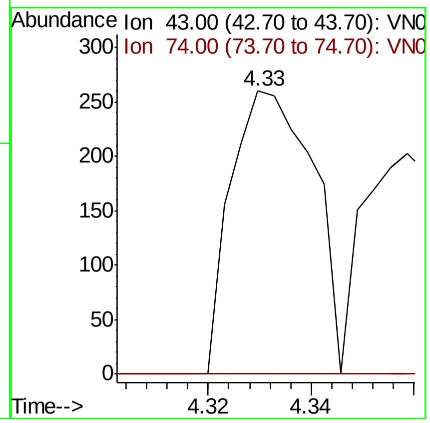
Instrument :
MSVOA_N
ClientSampleId :
KY030OF016-SW-190712

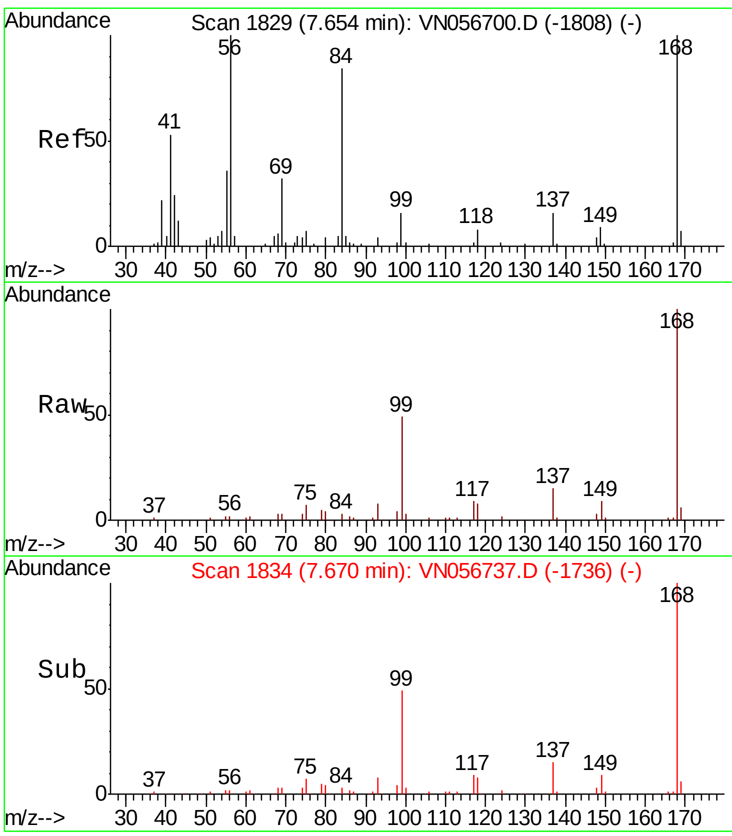


#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN056737.D
Acq: 16 Jul 2019 1:44

Tgt Ion: 43 Resp: 287

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.9	28.3#

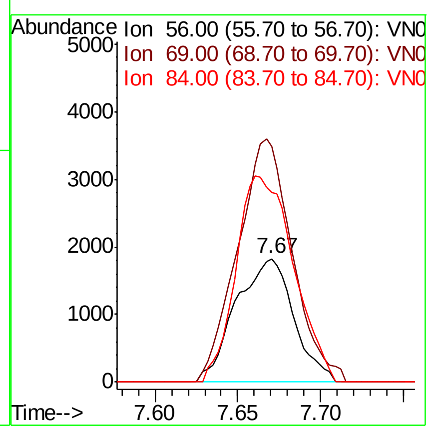


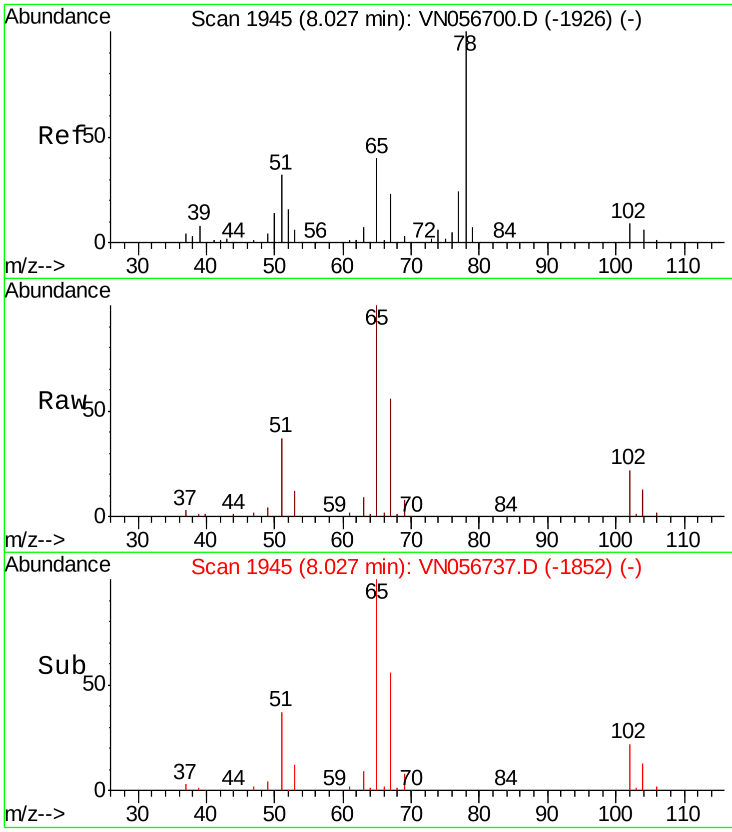


#31
Cyclohexane
Concen: 0.934 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.02 min
Lab File: VN056737.D
Acq: 16 Jul 2019 1:44

Tgt Ion: 56 Resp: 4416

Ion	Ratio	Lower	Upper
56	100		
69	190.6	25.8	38.8#
84	153.9	67.4	101.0#



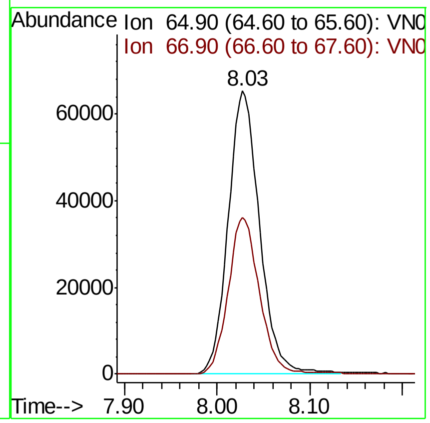


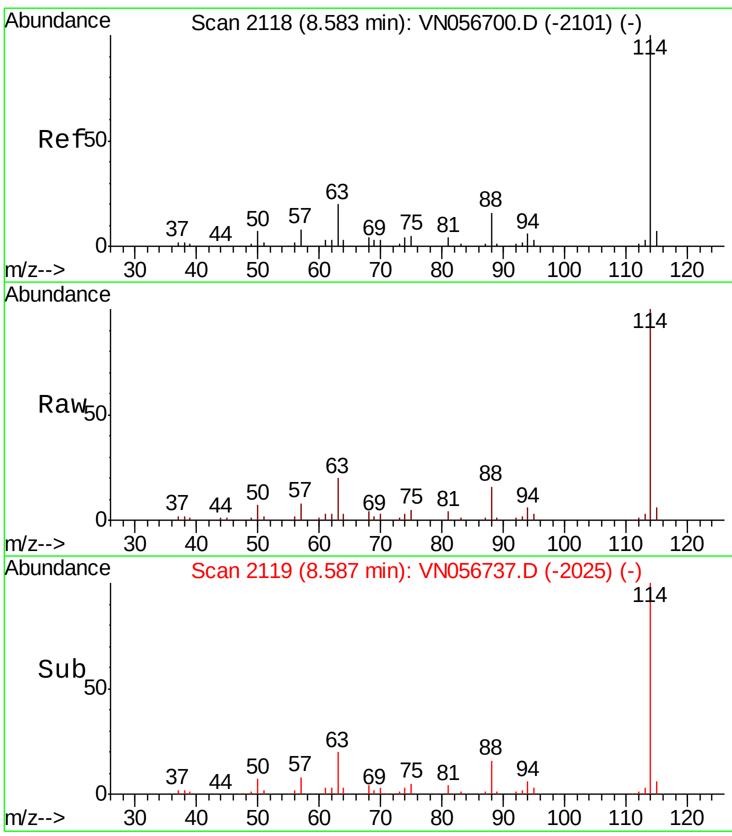
#33
1,2-Dichloroethane-d4
Concen: 52.007 ug/l
RT: 8.03 min   Scan# 1945
Delta R.T.   0.00 min
Lab File: VN056737.D
Acq: 16 Jul 2019   1:44

Instrument :
MSVOA_N
ClientSampleId :
KY030OF016-SW-190712

Tgt Ion: 65 Resp: 153871

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	109.0

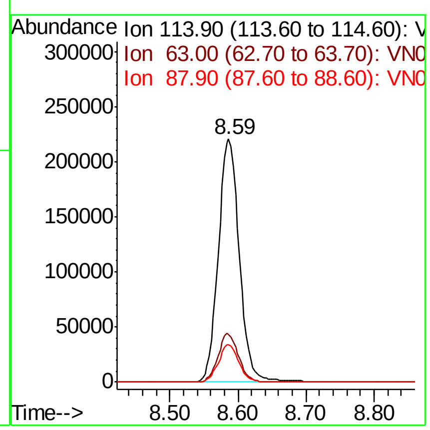




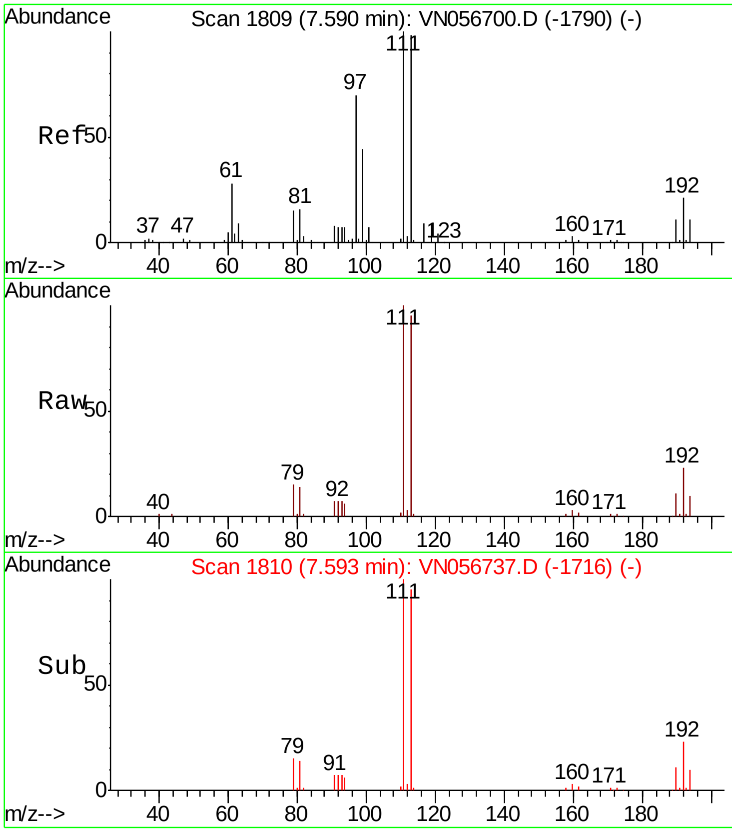
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min   Scan# 2119
Delta R.T.   0.00 min
Lab File: VN056737.D
Acq: 16 Jul 2019   1:44

Tgt Ion:114 Resp: 474692

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.4
88	15.6	0.0	31.2



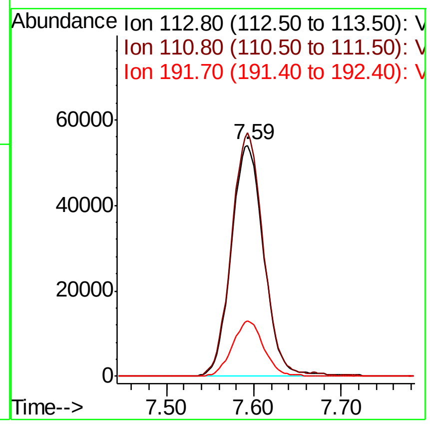
Instrument :
MSVOA_N
ClientSampleId :
KY030OF016-SW-190712

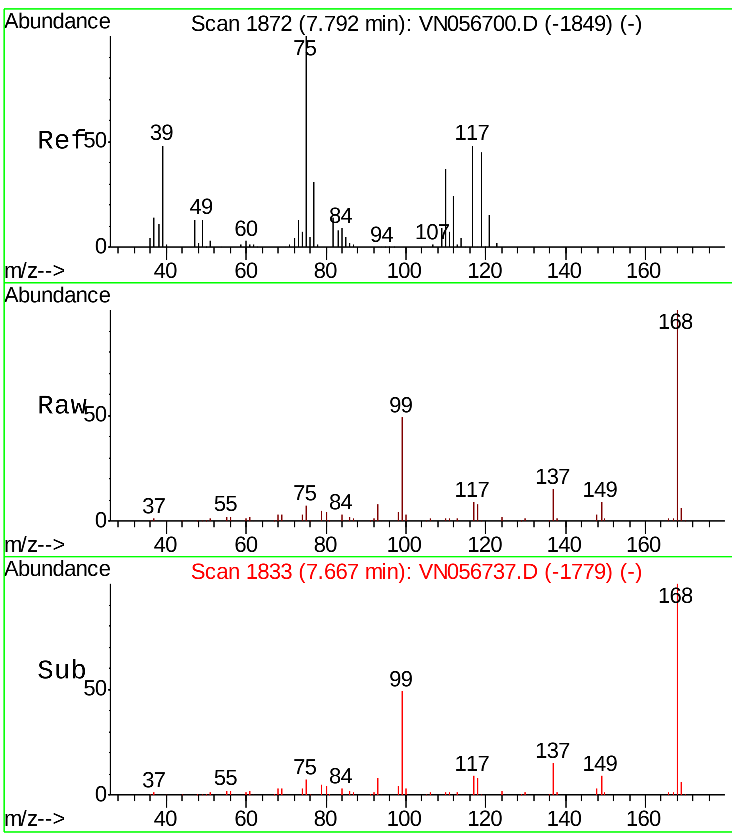


#35
Dibromofluoromethane
Concen: 47.298 ug/l
RT: 7.59 min Scan# 1810
Delta R.T.   0.00 min
Lab File: VN056737.D
Acq: 16 Jul 2019   1:44

Tgt Ion:113 Resp: 139722

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.6
192	23.1	17.5	26.3

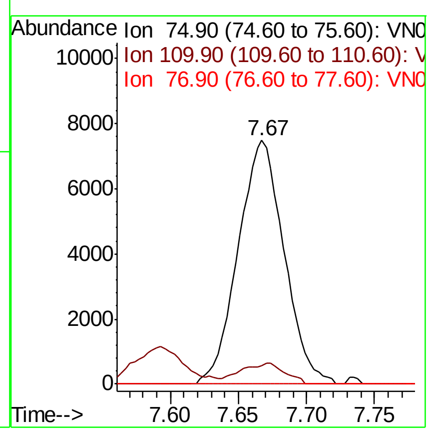




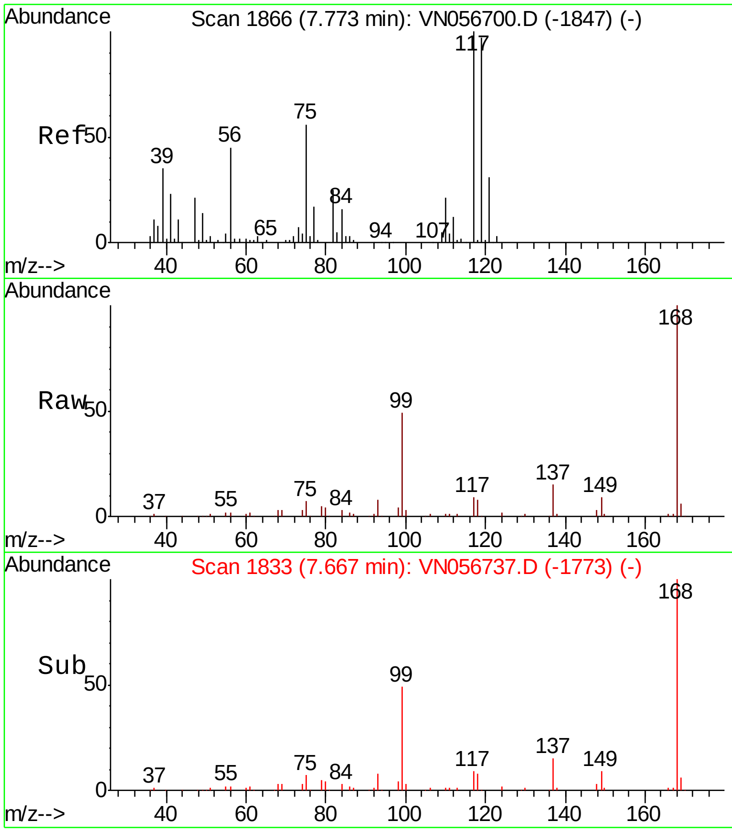
#36
1,1-Dichloropropene
Concen: 3.990 ug/l
RT: 7.67 min Scan# 1833
Delta R.T.   -0.13 min
Lab File: VN056737.D
Acq: 16 Jul 2019   1:44

Tgt Ion: 75 Resp: 17526

Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.4	55.4#
77	0.0	24.6	36.8#



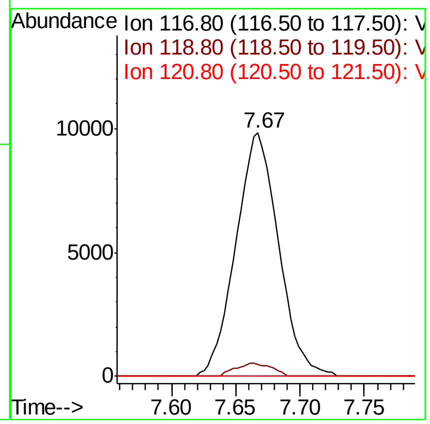
Instrument :
MSVOA_N
ClientSampleId :
KY030OF016-SW-190712

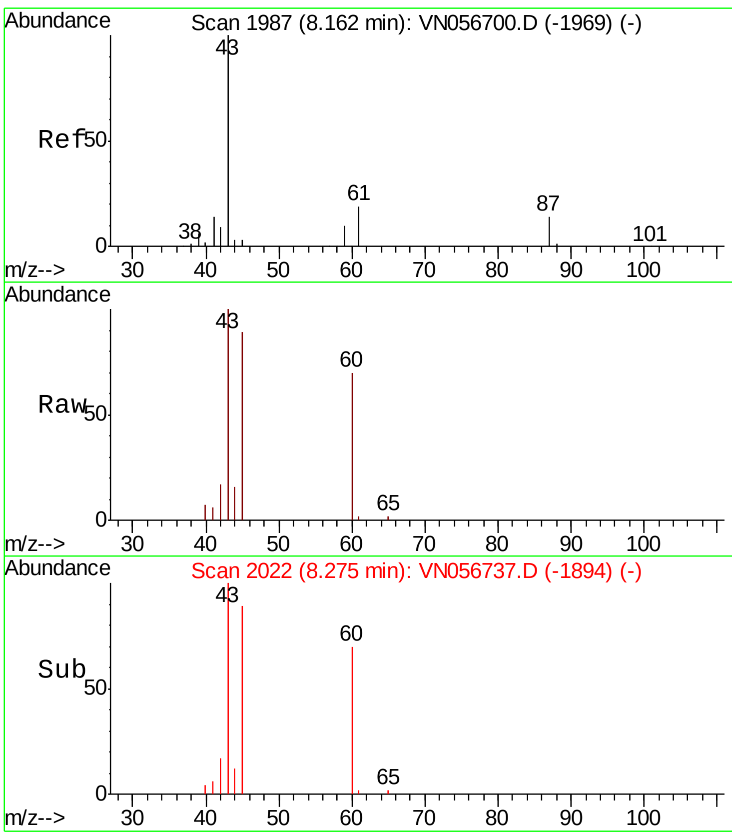


#38
Carbon Tetrachloride
Concen: 5.514 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN056737.D
Acq: 16 Jul 2019 1:44

Tgt Ion:117 Resp: 22715

Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.5	116.3#
121	0.0	24.7	37.1#

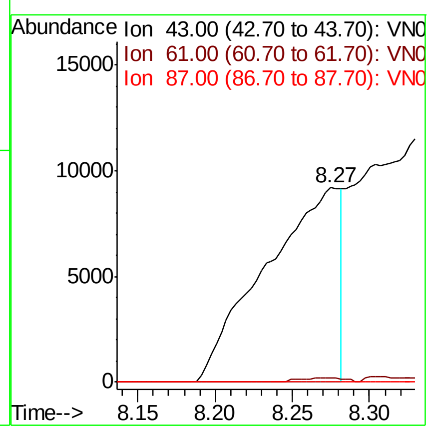


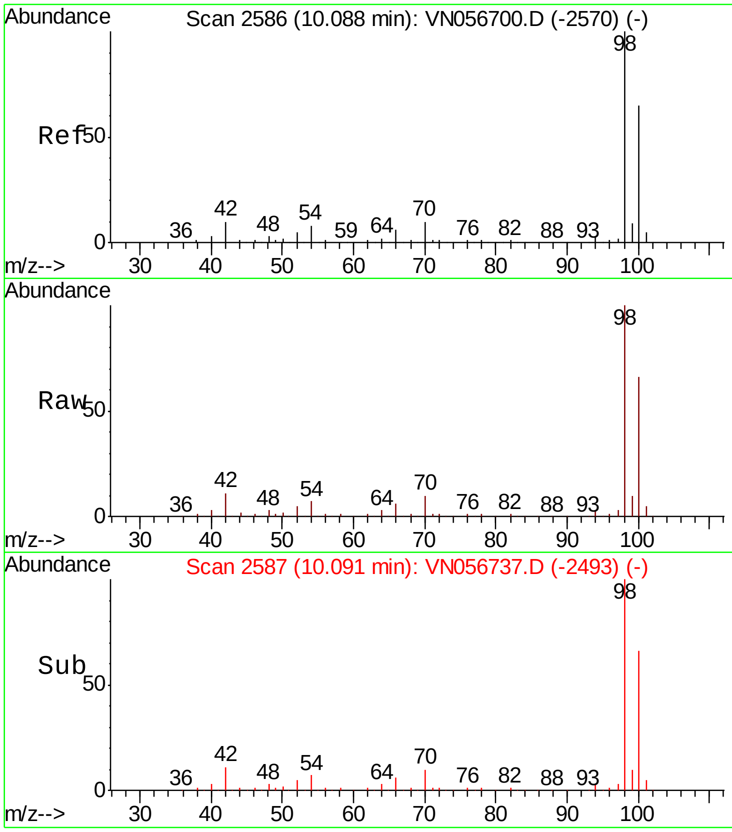


#43
Isopropyl Acetate
Concen: 4.553 ug/l
RT: 8.27 min Scan# 2022
Delta R.T. 0.11 min
Lab File: VN056737.D
Acq: 16 Jul 2019 1:44

Tgt Ion: 43 Resp: 30988

Ion	Ratio	Lower	Upper
43	100		
61	1.4	22.3	33.5#
87	0.0	11.1	16.7#



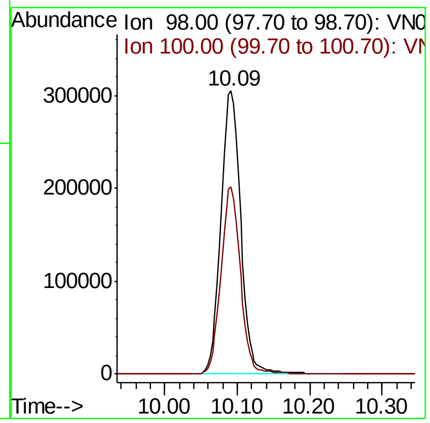


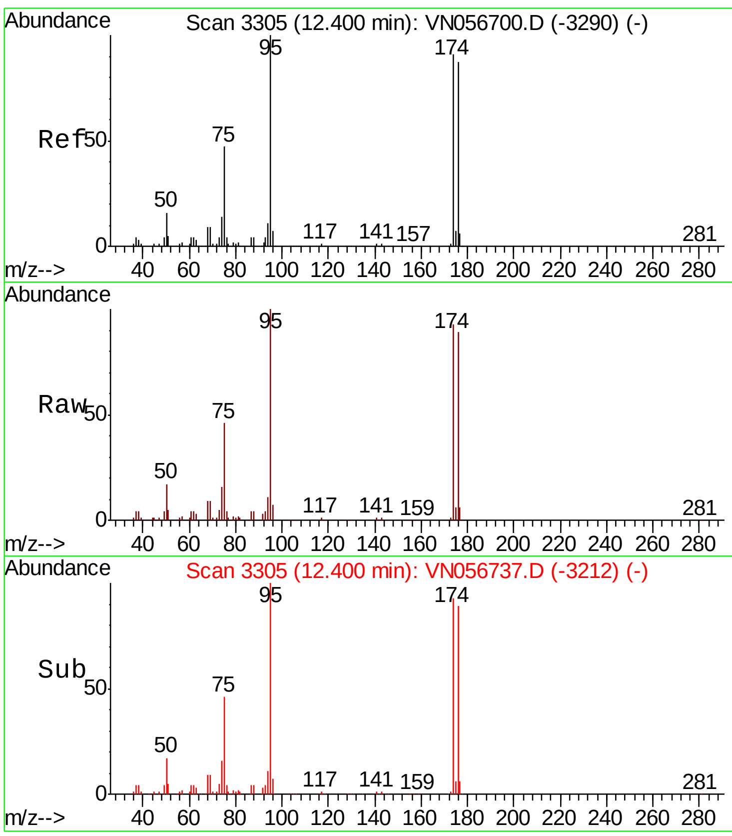
#50
Toluene-d8
Concen: 51.201 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056737.D
Acq: 16 Jul 2019 1:44

Instrument : MSVOA_N
ClientSampleId : KY030OF016-SW-190712

Tgt Ion: 98 Resp: 584171

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.0	78.0

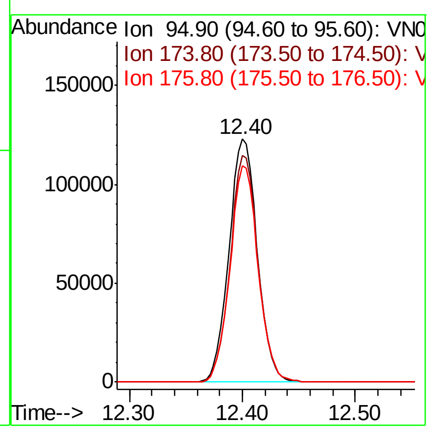


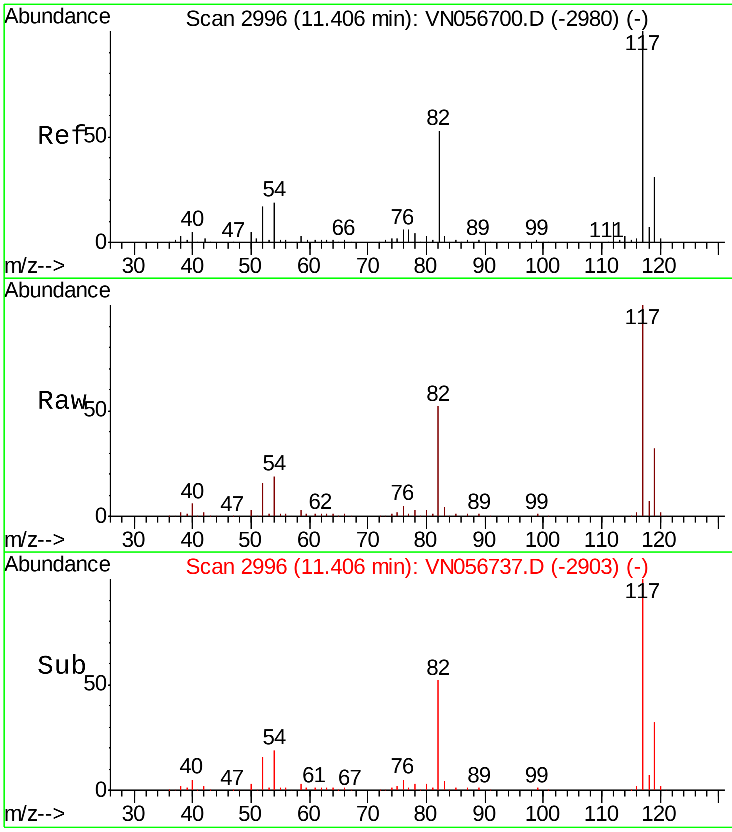


#62
4-Bromofluorobenzene
Concen: 55.845 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056737.D
Acq: 16 Jul 2019 1:44

Tgt Ion: 95 Resp: 214873

Ion	Ratio	Lower	Upper
95	100		
174	91.9	0.0	180.0
176	88.1	0.0	173.2



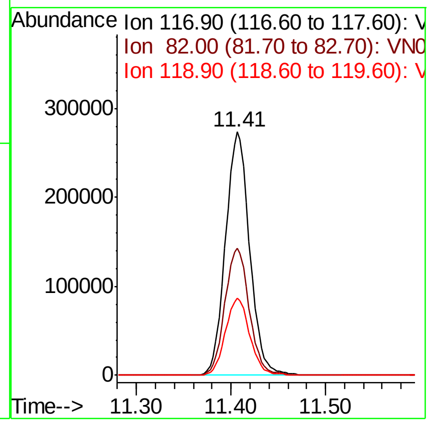


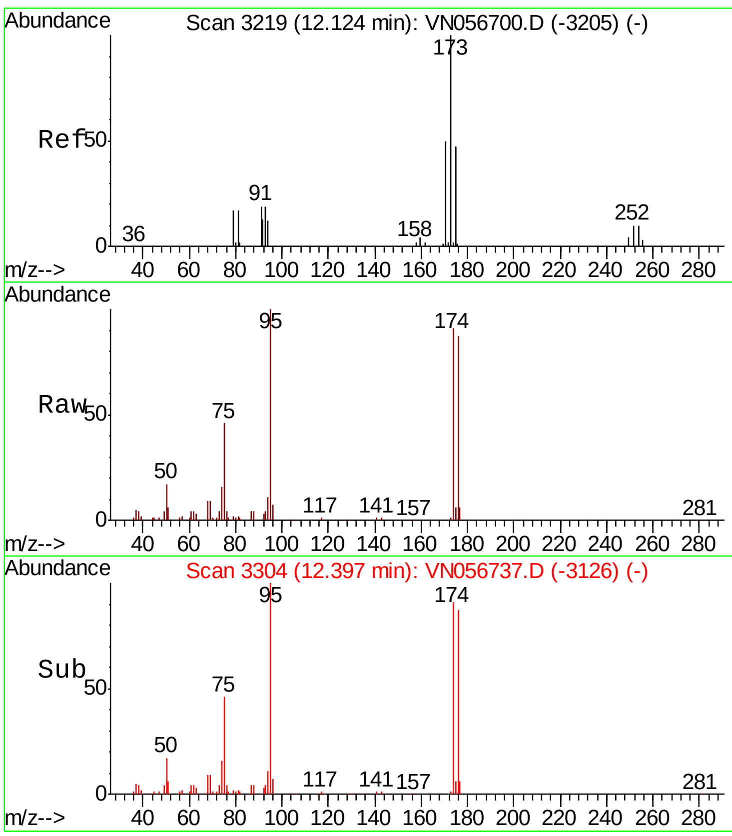
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056737.D
Acq: 16 Jul 2019 1:44

Instrument :
MSVOA_N
ClientSampleId :
KY030OF016-SW-190712

Tgt Ion:117 Resp: 485814

Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.2	63.2
119	31.8	25.2	37.8

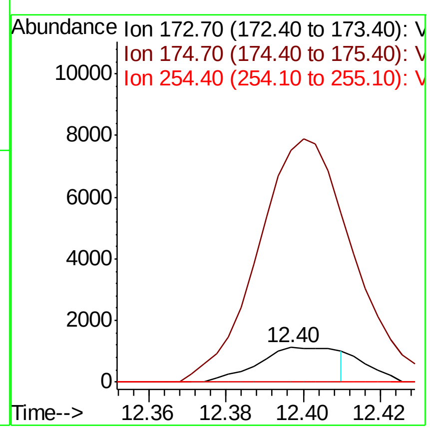


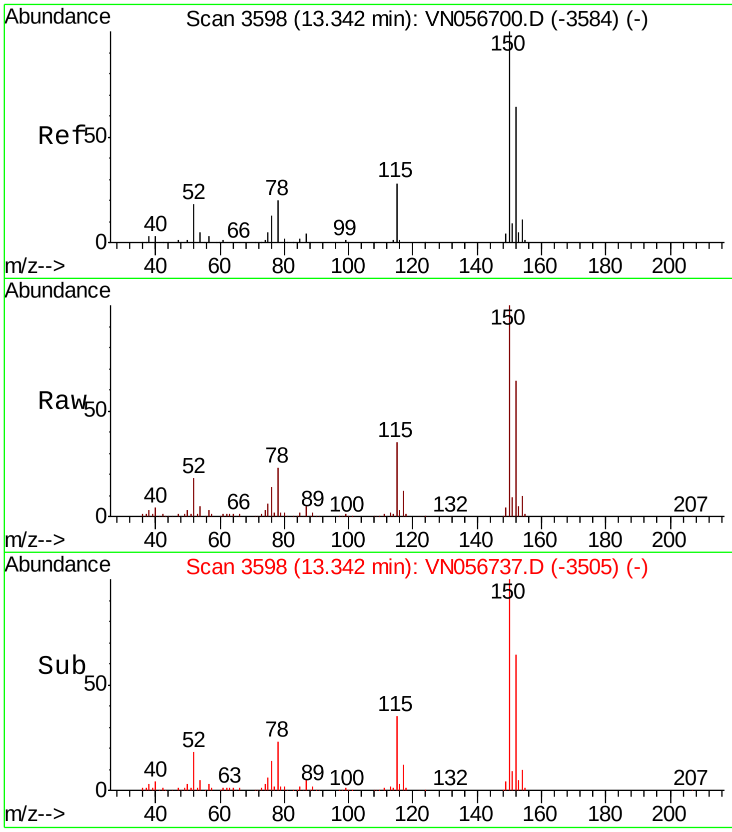


#71
Bromoform
Concen: 0.583 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN056737.D
Acq: 16 Jul 2019 1:44

Tgt Ion:173 Resp: 1623

Ion	Ratio	Lower	Upper
173	100		
175	677.8	23.8	71.4#
254	0.0	0.0	0.0



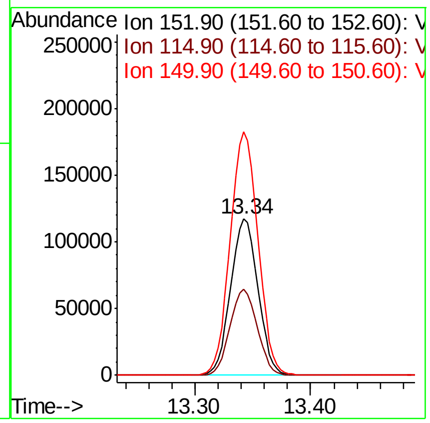


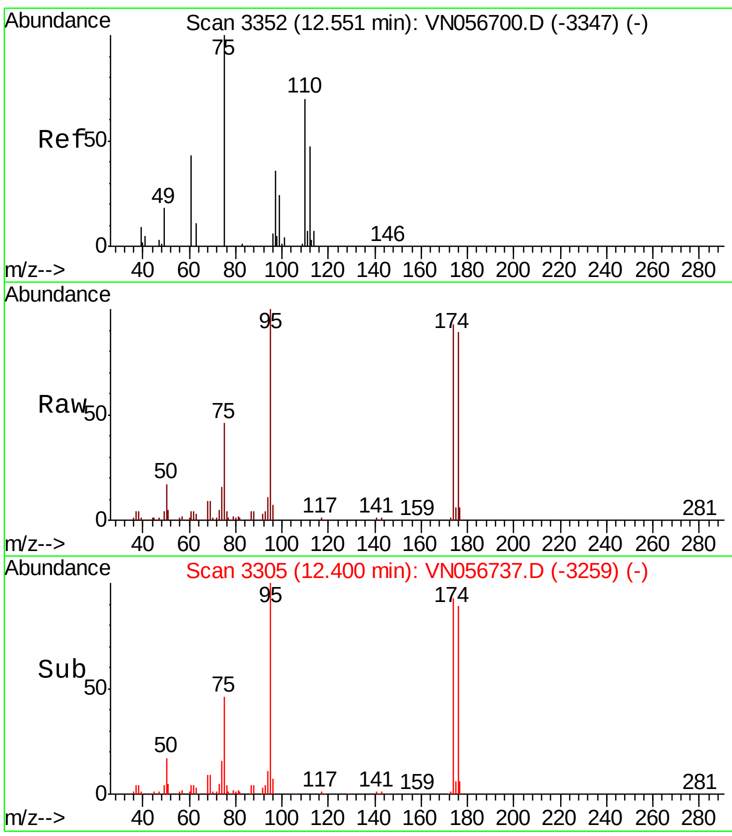
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056737.D
Acq: 16 Jul 2019 1:44

Instrument :
MSVOA_N
ClientSampleId :
KY030OF016-SW-190712

Tgt Ion:152 Resp: 190948

Ion	Ratio	Lower	Upper
152	100		
115	54.7	28.2	84.7
150	158.0	0.0	345.8

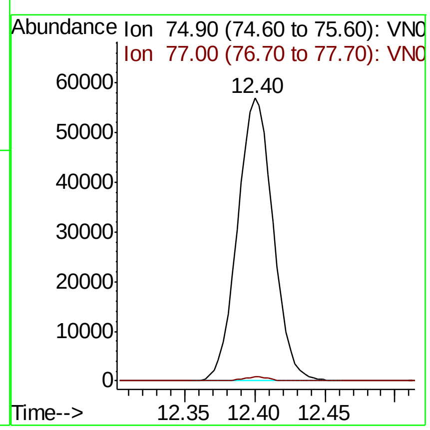


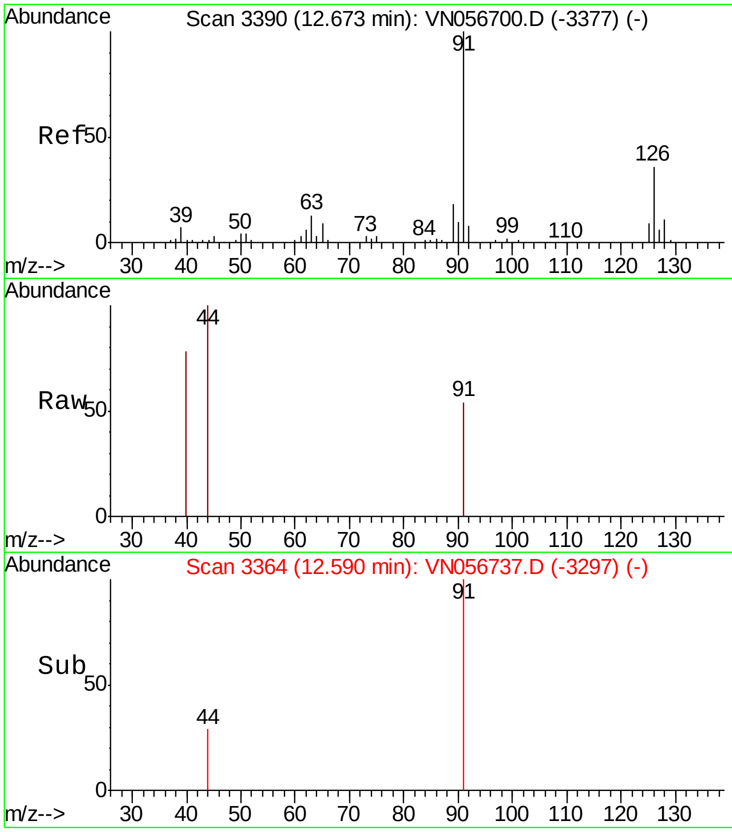


#76
1,2,3-Trichloropropane
Concen: 24.161 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN056737.D
Acq: 16 Jul 2019 1:44

Tgt Ion: 75 Resp: 100904

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



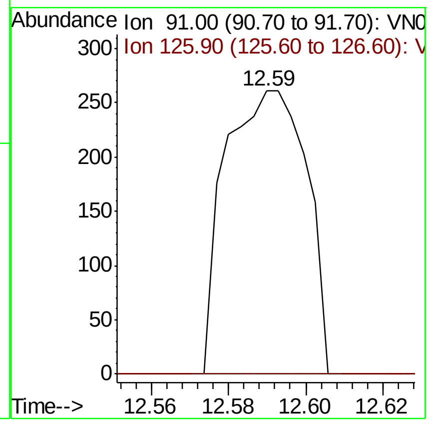


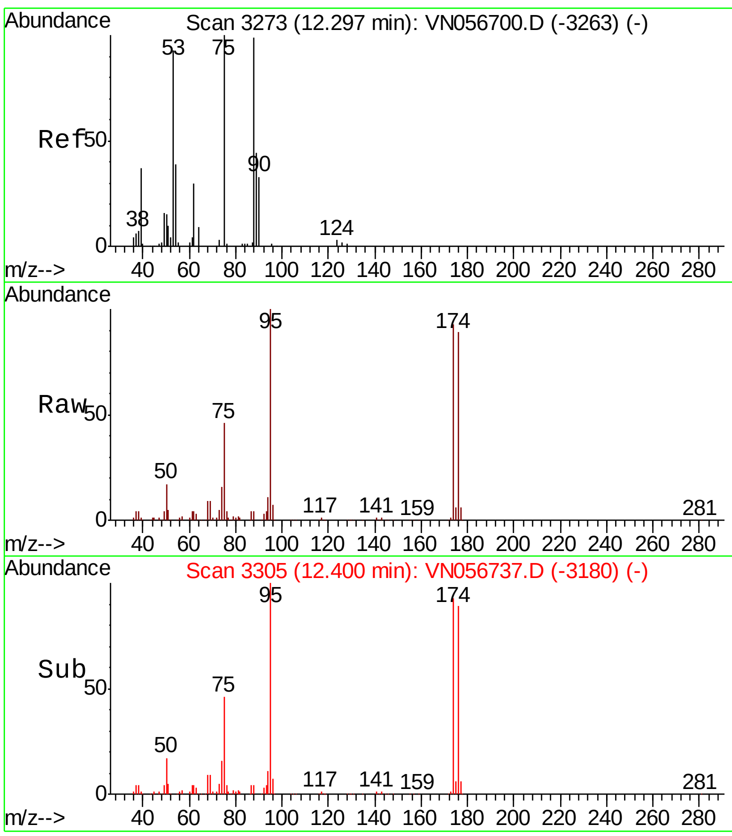
#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.59 min Scan# 3364
Delta R.T. -0.08 min
Lab File: VN056737.D
Acq: 16 Jul 2019 1:44

Instrument :
MSVOA_N
ClientSampleId :
KY030OF016-SW-190712

Tgt Ion: 91 Resp: 383

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.9	53.7#

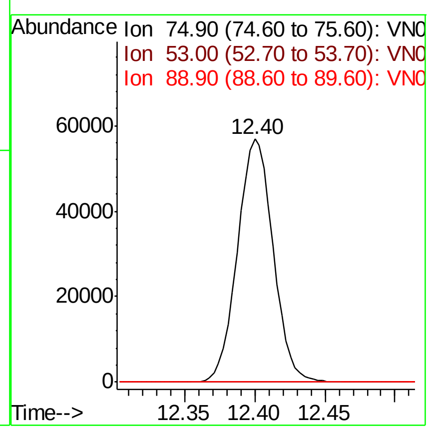


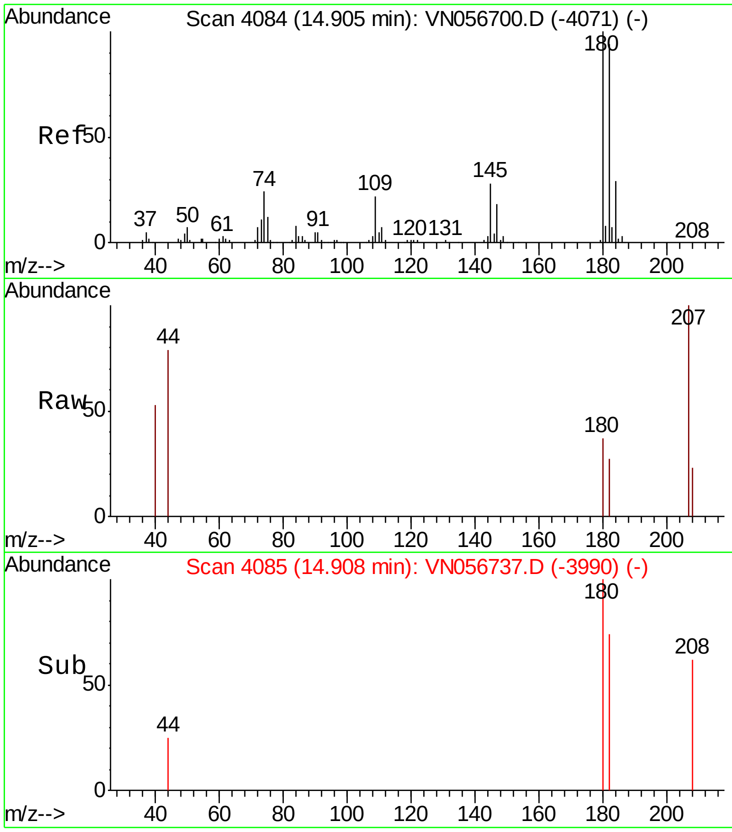


#81
trans-1,4-Dichloro-2-butene
Concen: 74.617 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN056737.D
Acq: 16 Jul 2019 1:44

Tgt Ion: 75 Resp: 100904

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.7	110.5#
89	0.0	36.2	54.2#



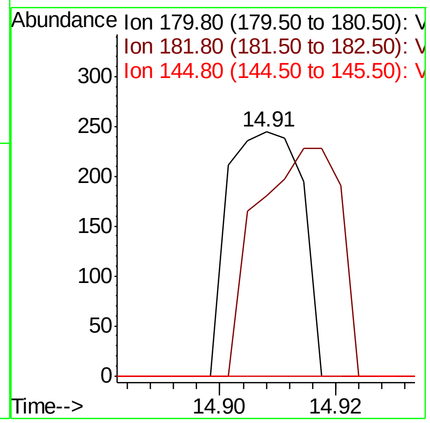


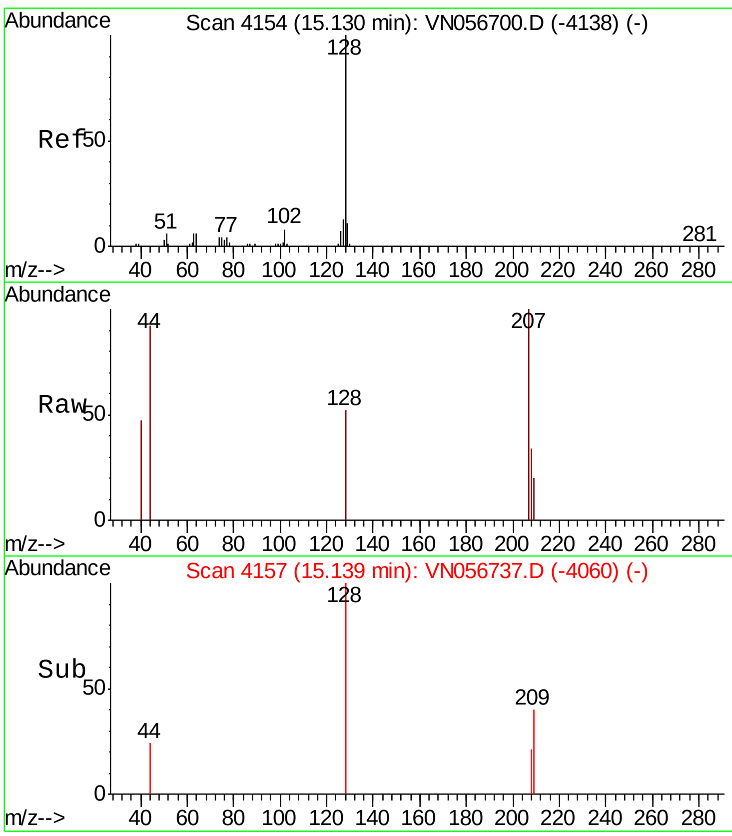
#93
1,2,4-Trichlorobenzene
Concen: 3.745 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN056737.D
Acq: 16 Jul 2019 1:44

Instrument :
MSVOA_N
ClientSampleId :
KY030OF016-SW-190712

Tgt Ion:180 Resp: 216

Ion	Ratio	Lower	Upper
180	100		
182	106.0	47.2	141.6
145	0.0	14.2	42.8#

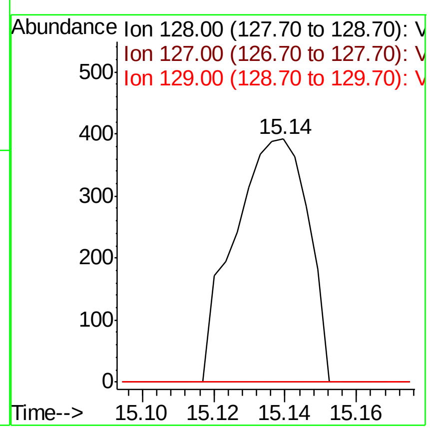


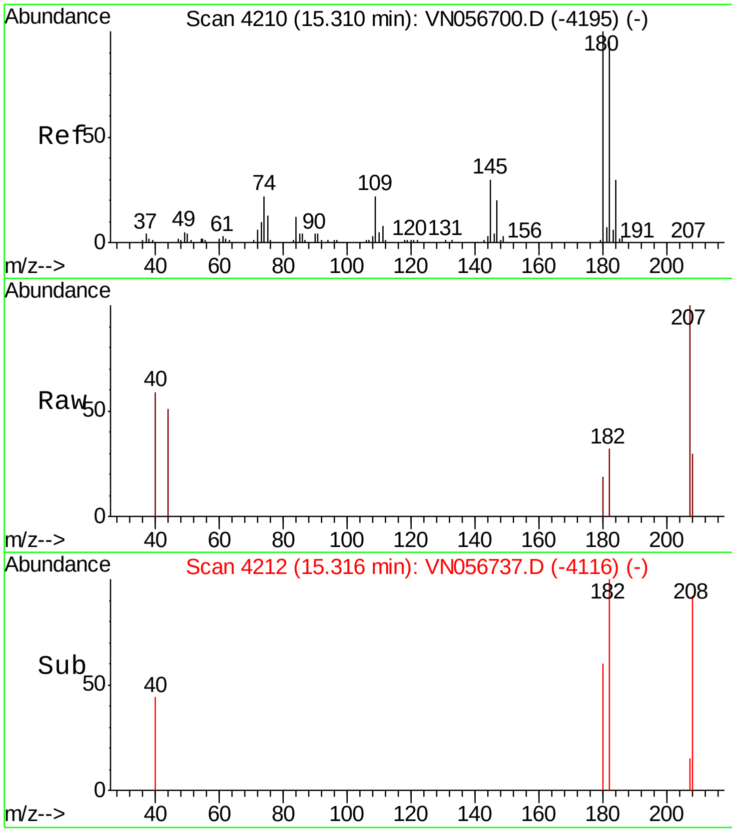


#95
Naphthalene
Concen: 4.575 ug/l
RT: 15.14 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN056737.D
Acq: 16 Jul 2019 1:44

Tgt Ion:128 Resp: 560

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 3.340 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.01 min
Lab File: VN056737.D
Acq: 16 Jul 2019 1:44

Instrument :
MSVOA_N
ClientSampleId :
KY030OF016-SW-190712

Tgt Ion:180 Resp: 66

Ion	Ratio	Lower	Upper
180	100		
182	292.4	47.1	141.3#
145	0.0	15.0	45.1#