Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060819\
Data File : VN056149.D
Acq On : 8 Jun 2019 13:18
Operator : JC/SP
Sample : K3225-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 68 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SP19-MMW-3414

Quant Time: Jun 10 01:25:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	315159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	465649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	450977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	141504	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	165886	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.02%			
35) Dibromofluoromethane	7.59	113	146488	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.54%			
50) Toluene-d8	10.09	98	600679	54.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.28%			
62) 4-Bromofluorobenzene	12.40	95	187730	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.42%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.75	59	4480	8.227	ug/l #	74
14) Allyl chloride	4.08	41	1387	0.332	ug/l #	77
16) Acetone	3.82	43	6799	4.543	ug/l #	80
18) Methyl Acetate	4.33	43	4110	0.830	ug/l #	73
25) 2-Butanone	6.85	43	1445	0.764	ug/l #	47
27) cis-1,2-Dichloroethene	6.83	96	4113	1.234	ug/l	83
29) Tetrahydrofuran	6.94	42	903	0.773	ug/l #	32
31) Cyclohexane	7.67	56	4451	0.896	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	17522	4.376	ug/l #	49
37) Ethyl Acetate	6.94	43	16507	4.634	ug/l	97
38) Carbon Tetrachloride	7.66	117	25492	6.906	ug/l #	15
43) Isopropyl Acetate	8.27	43	3285	0.569	ug/l #	53
44) Trichloroethene	8.84	130	1891	0.541	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1010	0.280	ug/l #	35
52) Toluene	10.16	92	2937	0.388	ug/l	91
59) 2-Hexanone	10.75	43	2174	0.831	ug/l	78
71) Bromoform	12.40	173	999	3.105	ug/l #	1
73) Isopropylbenzene	12.25	105	557	Below Cal #		48
74) N-amyl acetate	12.07	43	759	0.201	ug/l #	43
76) 1,2,3-Trichloropropane	12.40	75	85274	32.751	ug/l #	100
79) 2-Chlorotoluene	12.68	91	425	Below Cal		85
81) trans-1,4-Dichloro-2-buten	12.40	75	85274	109.066	ug/l #	15
83) tert-Butylbenzene	12.99	119	436	Below Cal		92
93) 1,2,4-Trichlorobenzene	14.90	180	992	4.618	ug/l #	79
94) Hexachlorobutadiene	15.01	225	201	Below Cal #		71
95) Naphthalene	15.14	128	3846	4.376	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.31	180	1256	3.475	ug/l	84

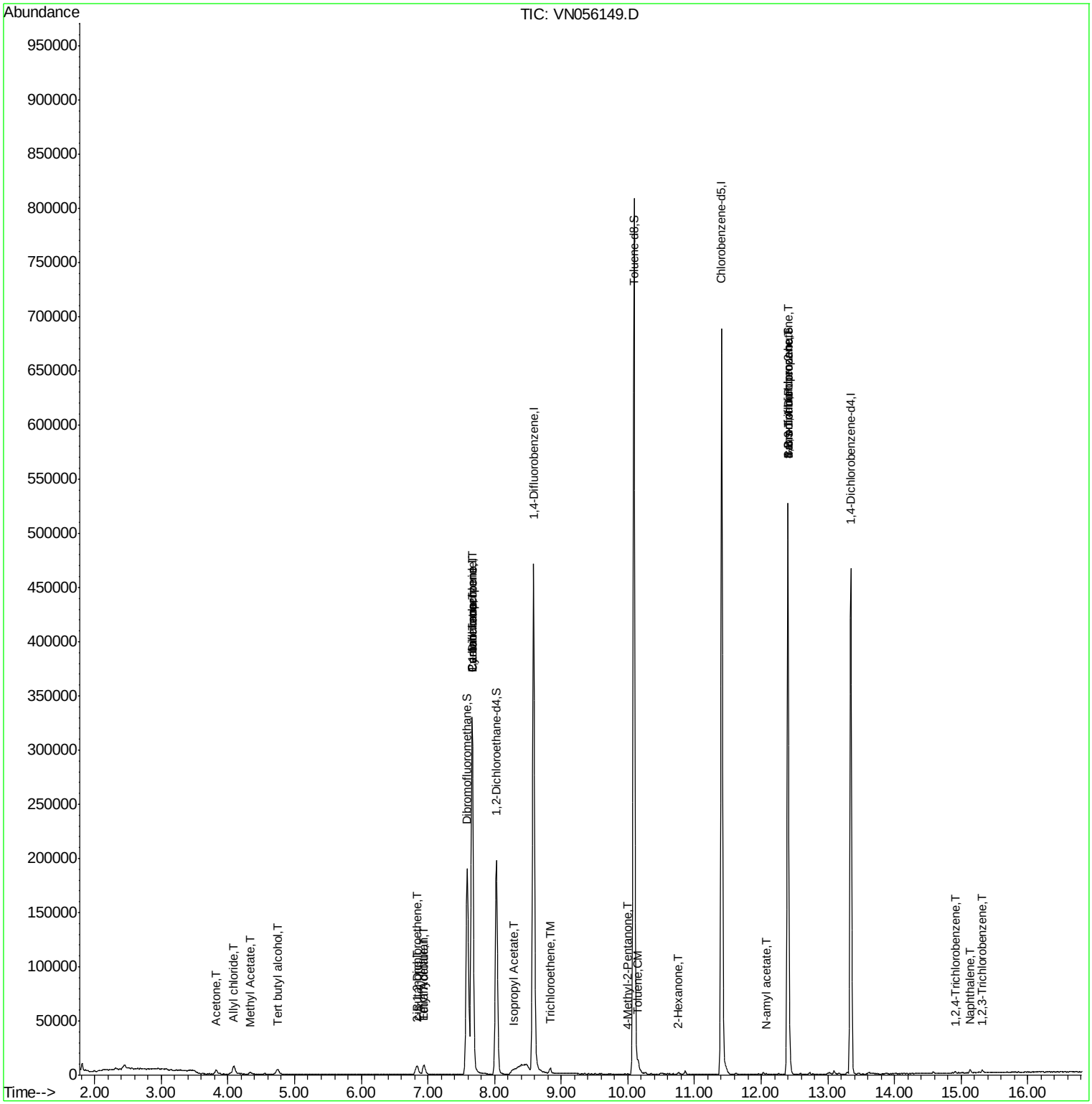
(#) = qualifier out of range (m) = manual integration (+) = signals summed

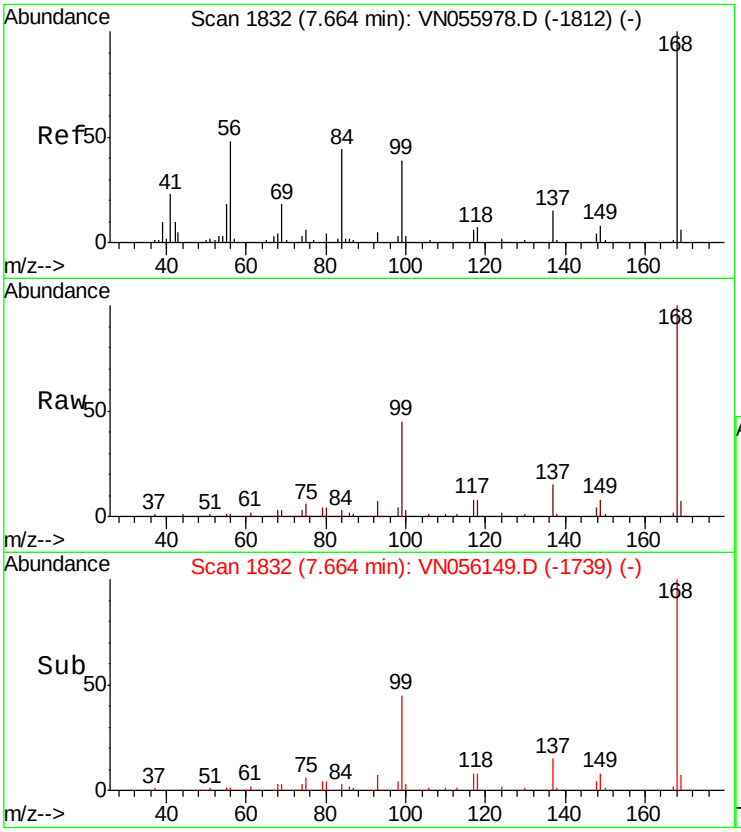
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060819\
Data File : VN056149.D
Acq On : 8 Jun 2019 13:18
Operator : JC/SP
Sample : K3225-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 68 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SP19-MMW-3414

Quant Time: Jun 10 01:25:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration



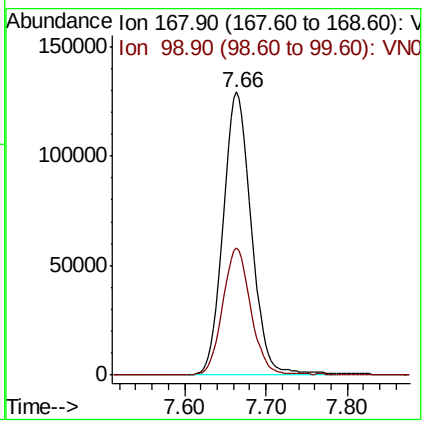


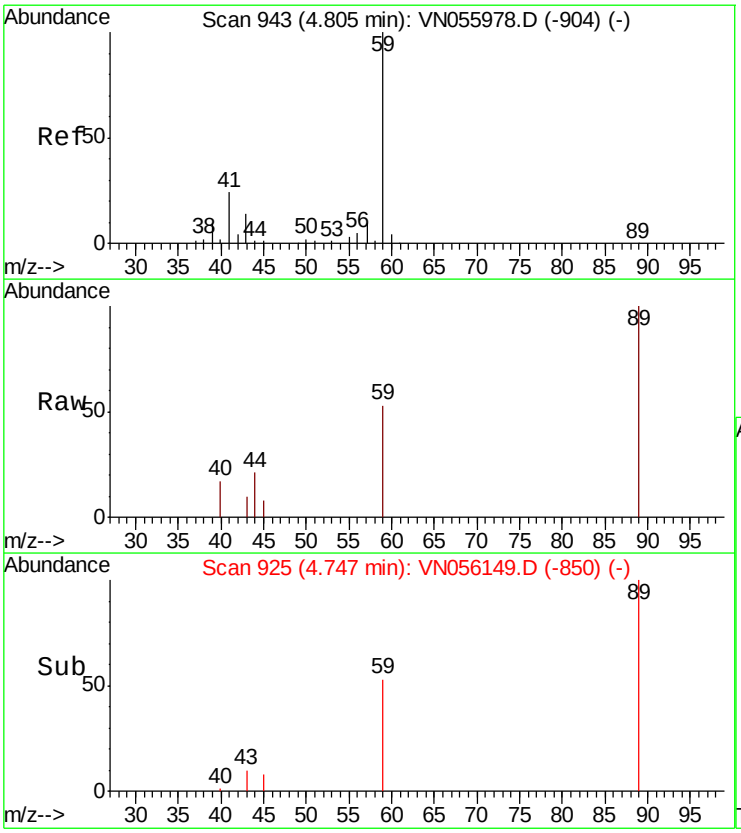
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :
SP19-MMW-3414

Tgt Ion:168 Resp: 315159

Ion	Ratio	Lower	Upper
168	100		
99	45.1	37.2	55.8

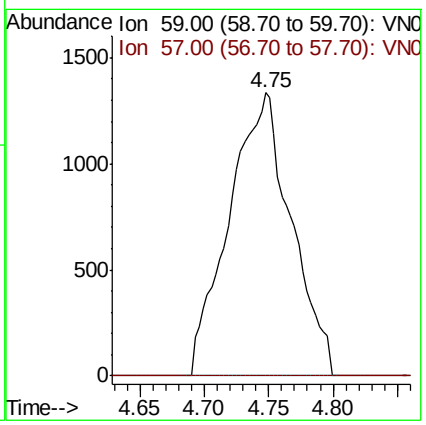


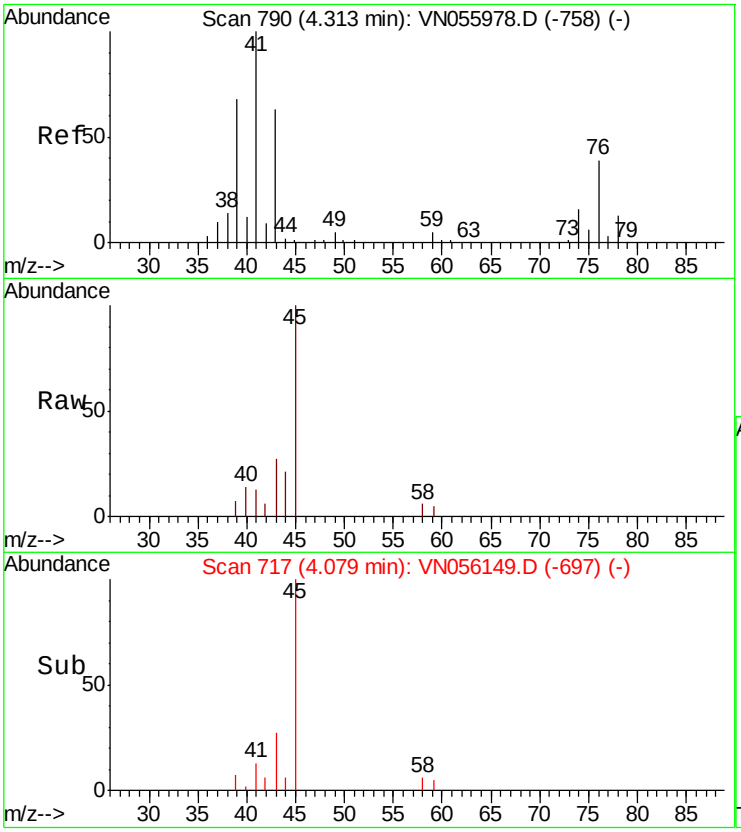


#11
Tert butyl alcohol
Concen: 8.227 ug/l
RT: 4.75 min Scan# 925
Delta R.T. -0.06 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Tgt Ion: 59 Resp: 4480

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



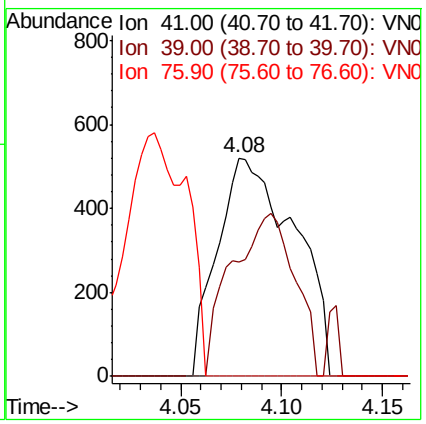


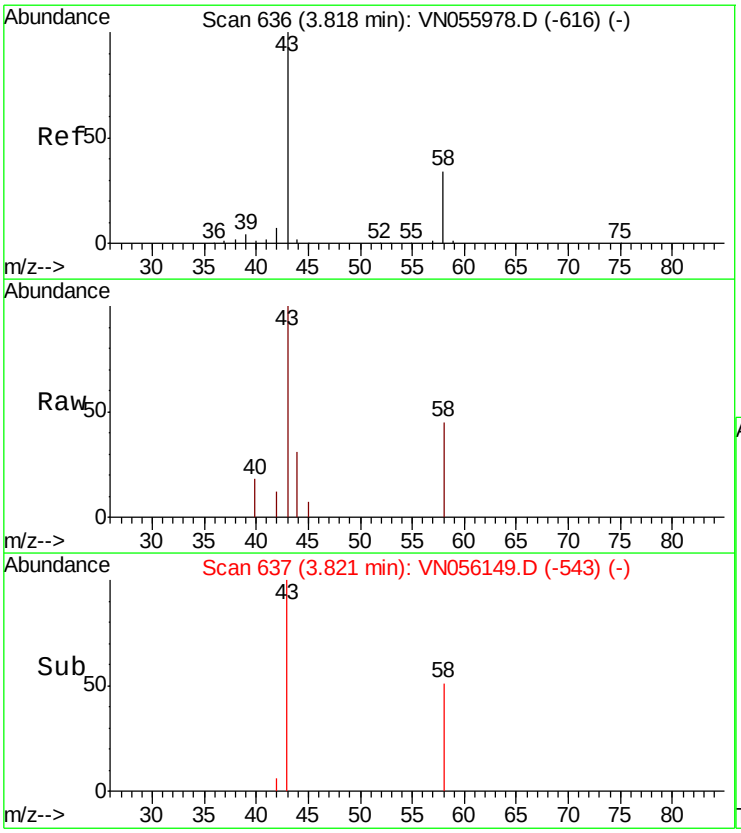
#14
Allyl chloride
Concen: 0.332 ug/l
RT: 4.08 min Scan# 717
Delta R.T. -0.23 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Instrument : MSVOA_N
ClientSampleId : SP19-MMW-3414

Tgt Ion: 41 Resp: 1387

Ion	Ratio	Lower	Upper
41	100		
39	61.2	50.0	75.0
76	0.0	28.2	42.2#

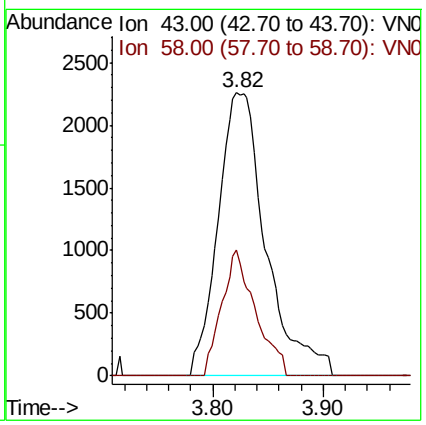


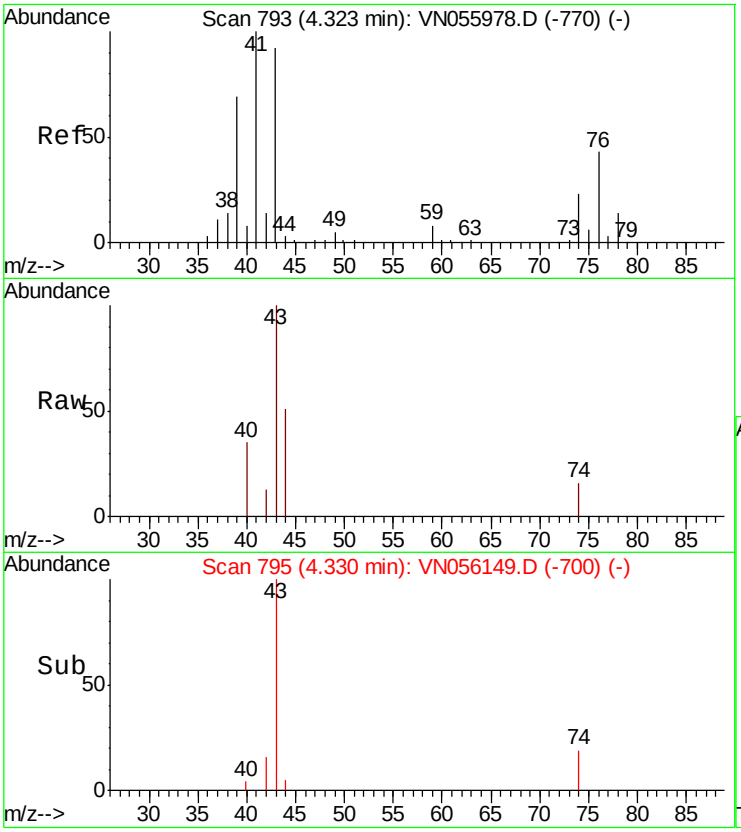


#16
Acetone
Concen: 4.543 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Tgt Ion: 43 Resp: 6799

Ion	Ratio	Lower	Upper
43	100		
58	44.7	26.6	39.8#



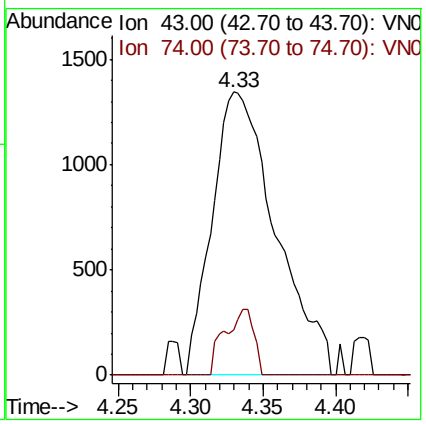


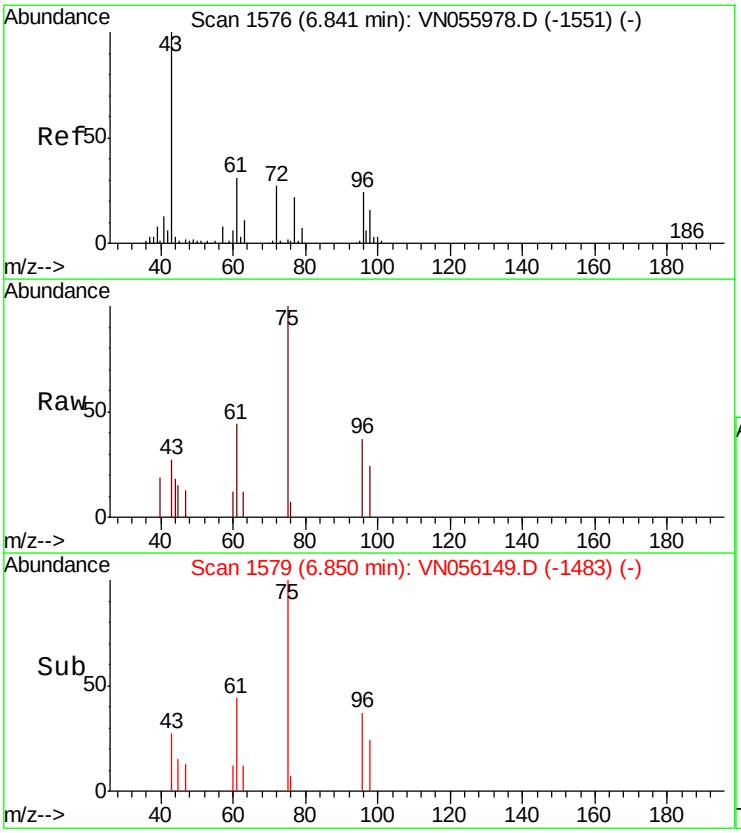
#18
Methyl Acetate
Concen: 0.830 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Instrument : MSVOA_N
ClientSampleId : SP19-MMW-3414

Tgt Ion: 43 Resp: 4110

Ion	Ratio	Lower	Upper
43	100		
74	10.6	19.3	28.9#

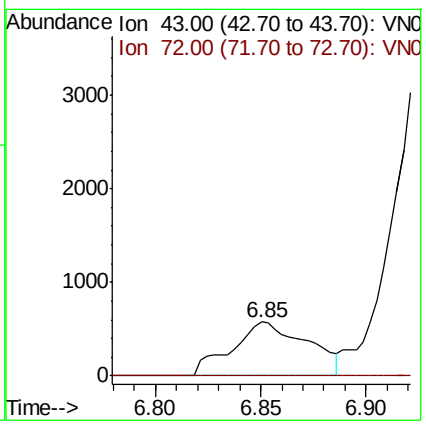


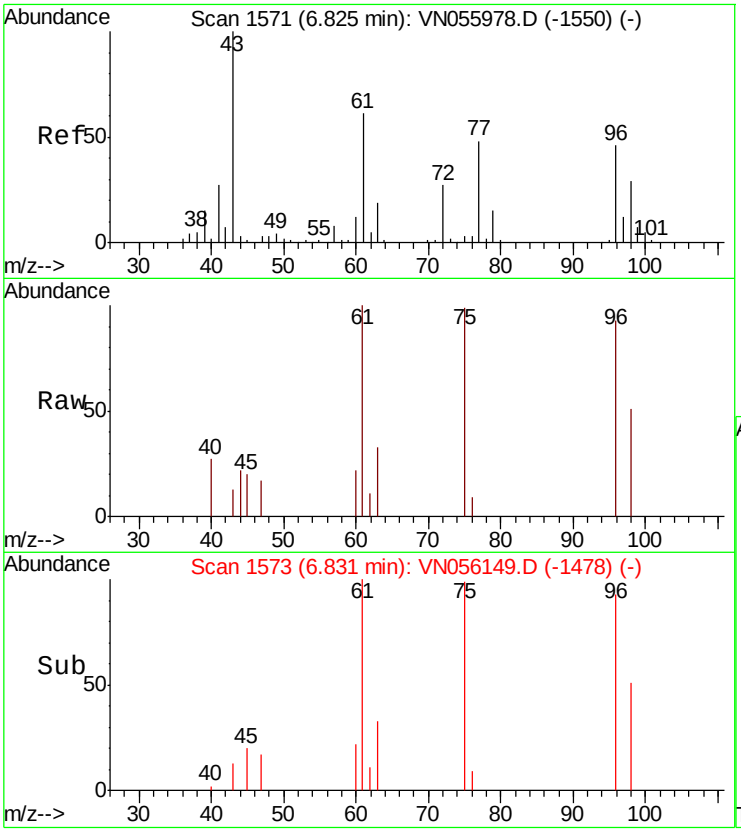


#25
2-Butanone
Concen: 0.764 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Tgt Ion: 43 Resp: 1445

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.9	32.9#



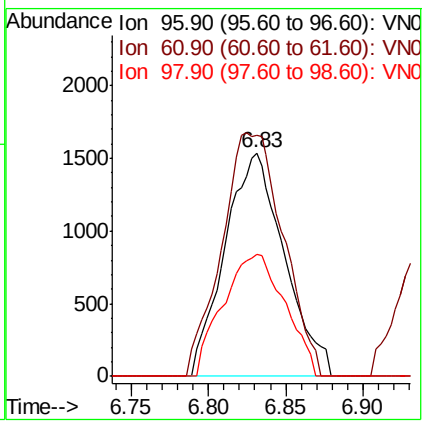


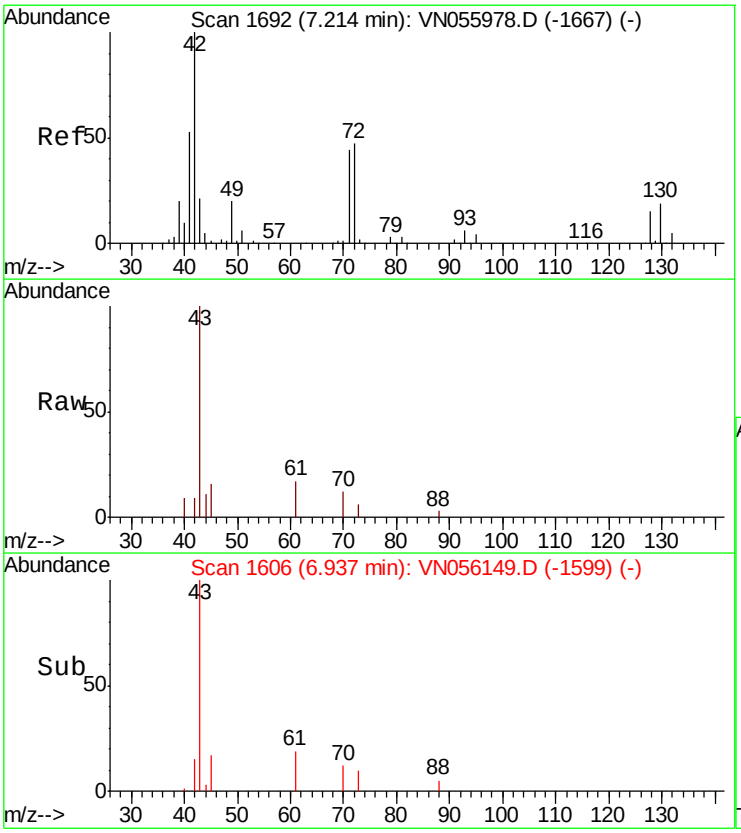
#27
cis-1,2-Dichloroethene
Concen: 1.234 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :
SP19-MMW-3414

Tgt Ion: 96 Resp: 4113

Ion	Ratio	Lower	Upper
96	100		
61	112.6	0.0	275.8
98	57.0	0.0	128.4

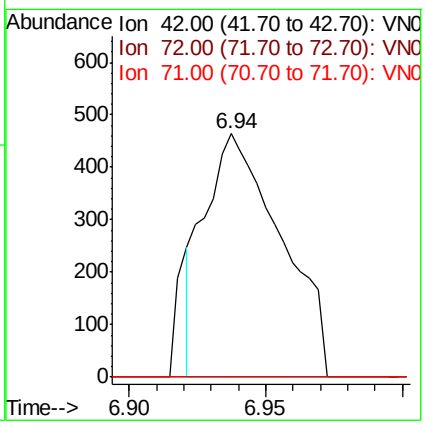


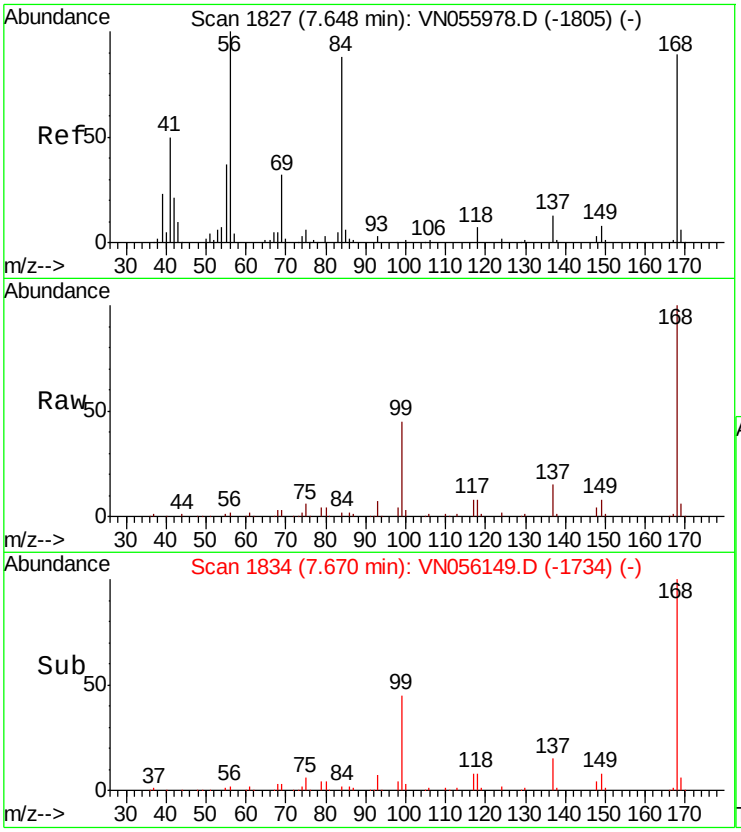


#29
Tetrahydrofuran
Concen: 0.773 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. -0.28 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Tgt Ion: 42 Resp: 903

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.9	53.9#
71	0.0	34.0	51.0#



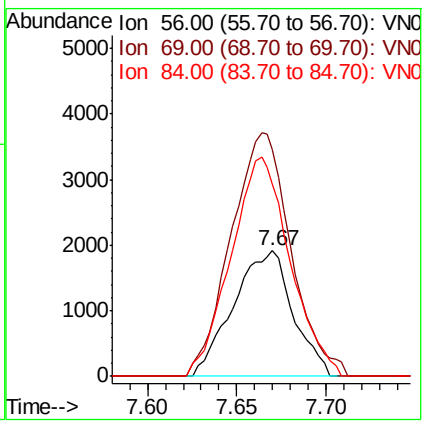


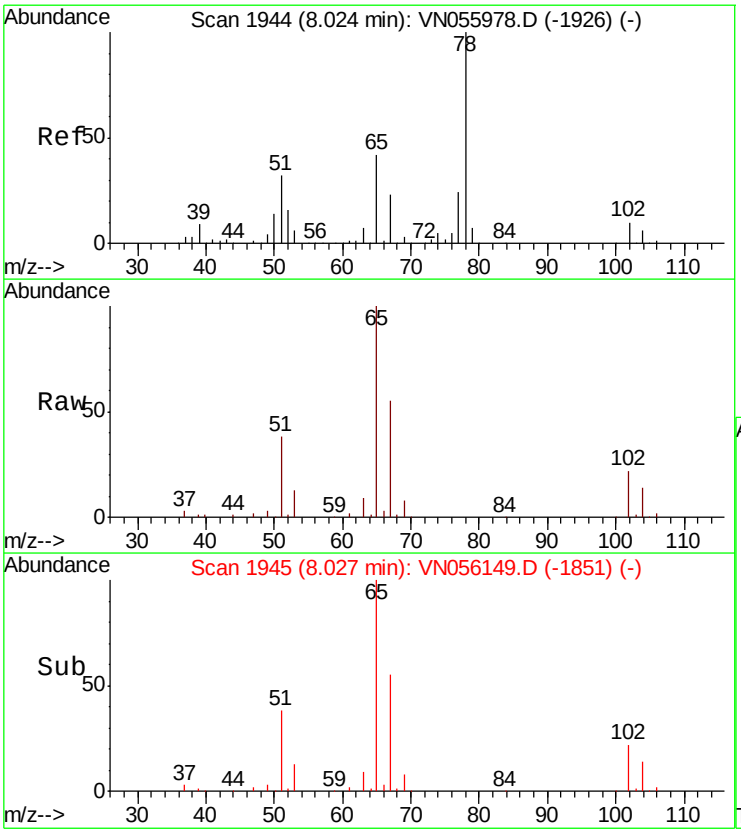
#31
Cyclohexane
Concen: 0.896 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.02 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Instrument : MSVOA_N
ClientSampleId : SP19-MMW-3414

Tgt Ion: 56 Resp: 4451

Ion	Ratio	Lower	Upper
56	100		
69	180.9	25.6	38.4#
84	153.2	67.4	101.0#

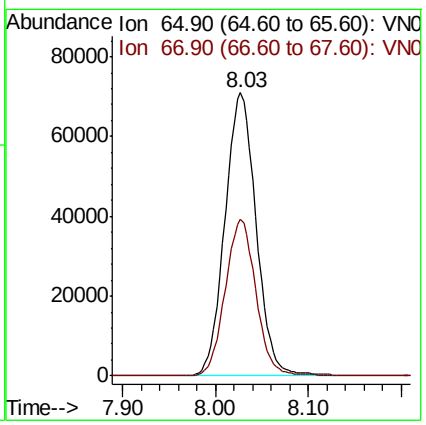


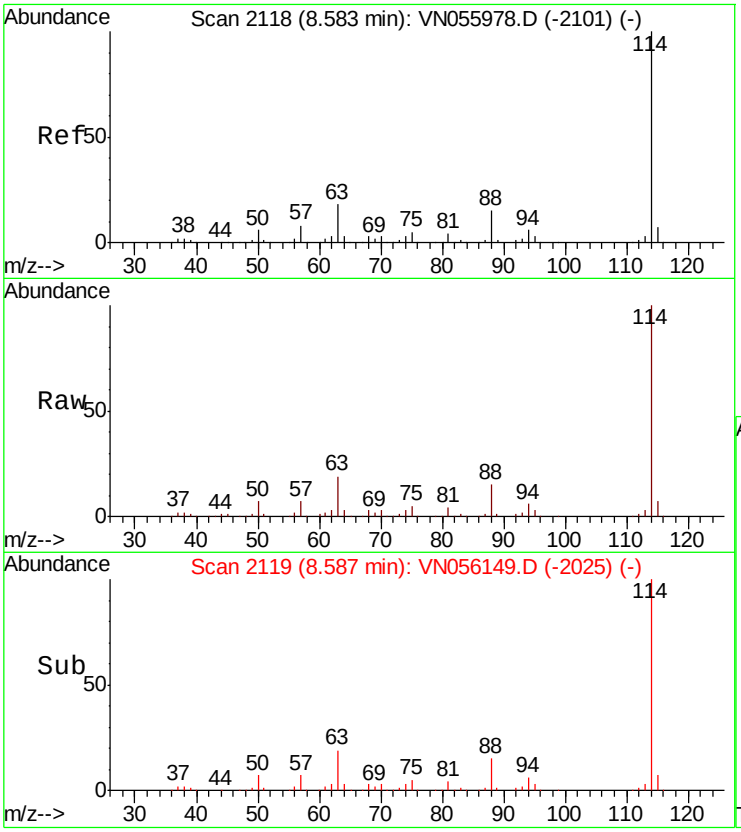


#33
1,2-Dichloroethane-d4
Concen: 53.011 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Tgt Ion: 65 Resp: 165886

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	109.2



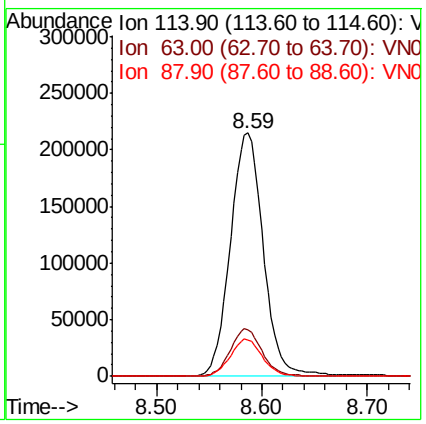


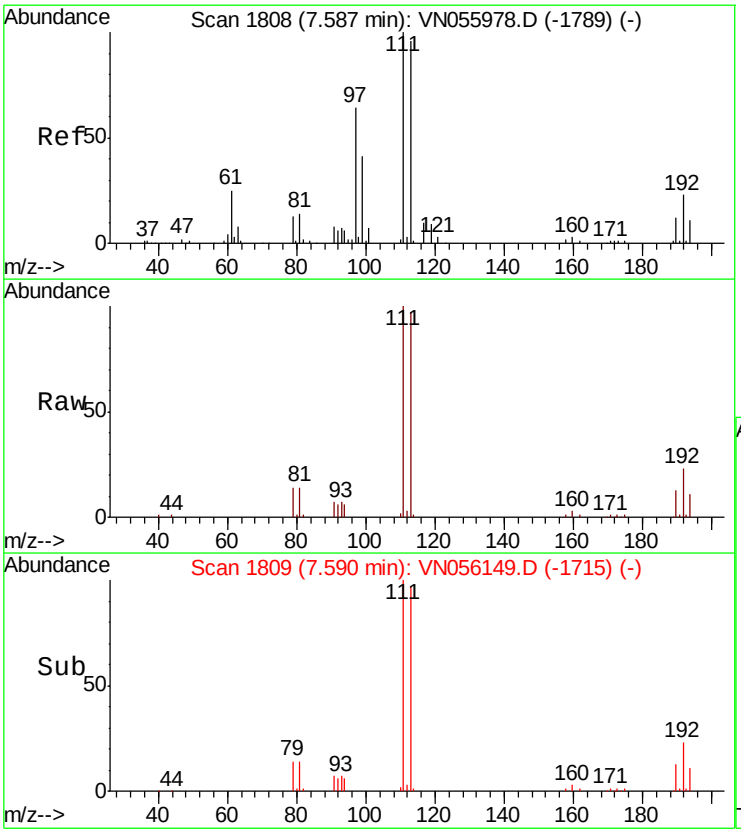
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :
SP19-MMW-3414

Tgt Ion:114 Resp: 465649

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.2
88	15.1	0.0	31.0

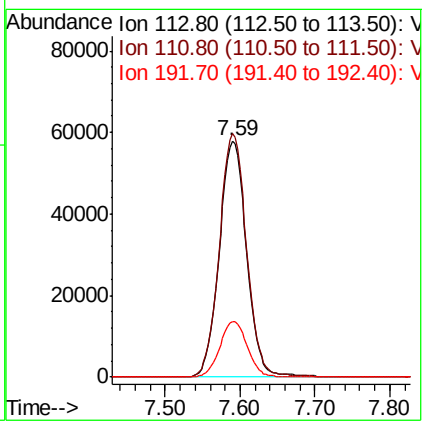


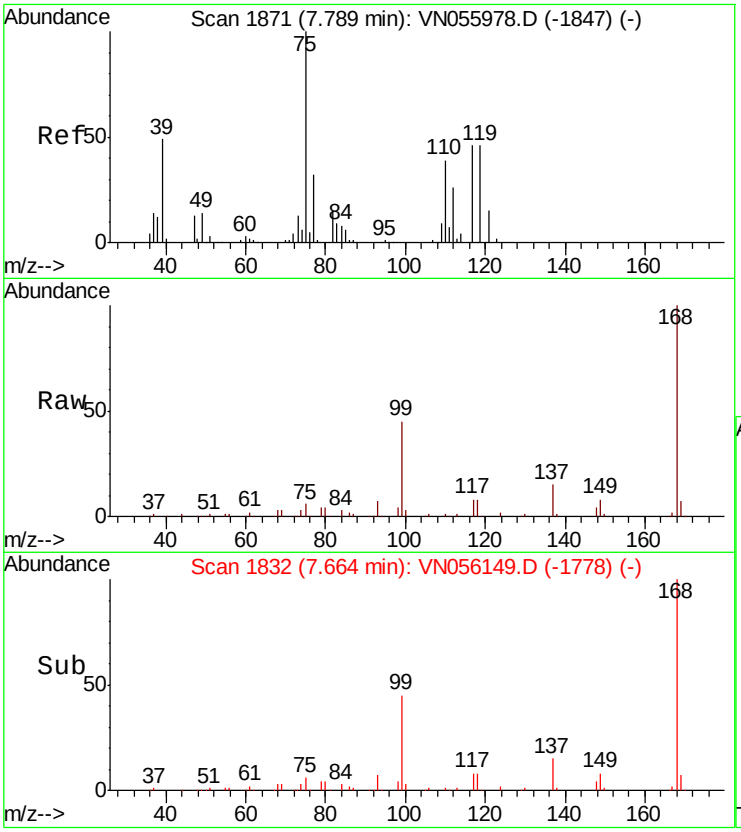


#35
Dibromofluoromethane
Concen: 51.275 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Tgt Ion:113 Resp: 146488

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	23.7	19.5	29.3



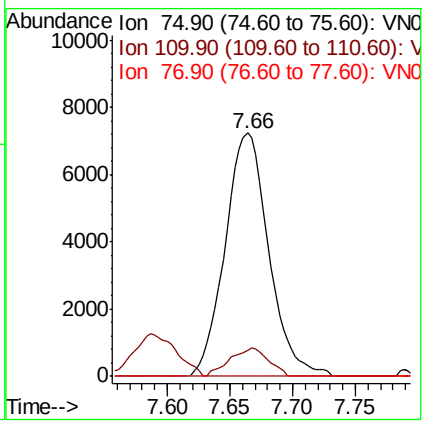


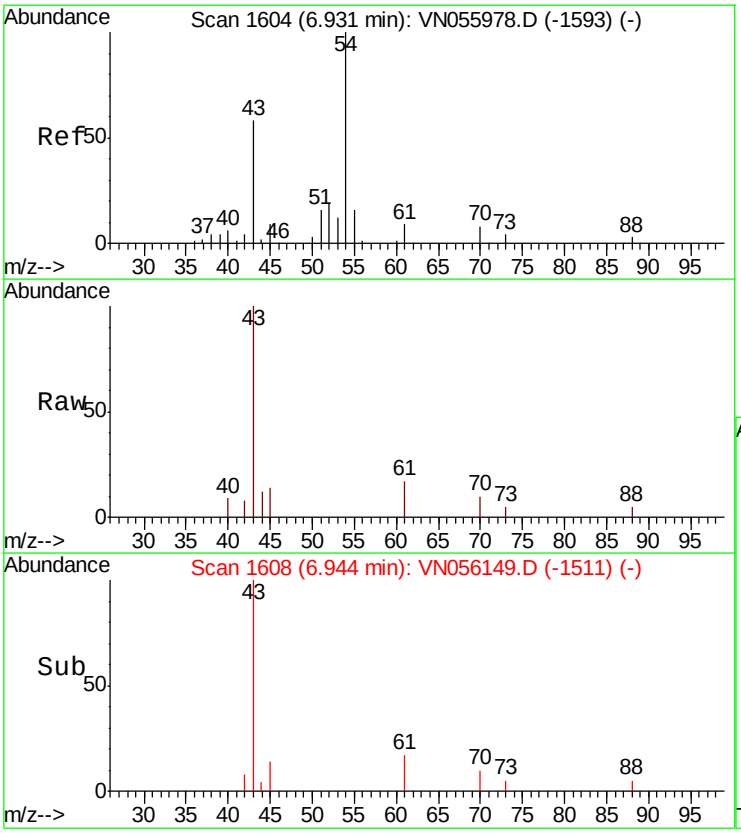
#36
1,1-Dichloropropene
Concen: 4.376 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :
SP19-MMW-3414

Tgt Ion: 75 Resp: 17522

Ion	Ratio	Lower	Upper
75	100		
110	10.3	19.0	57.0#
77	0.0	25.1	37.7#

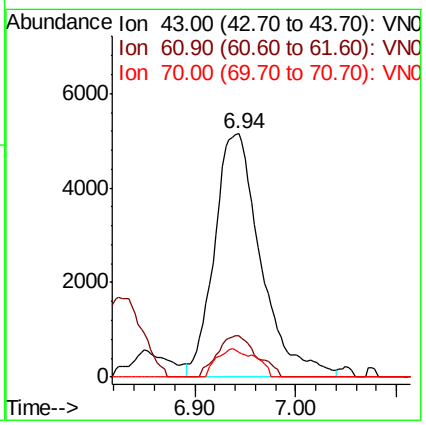


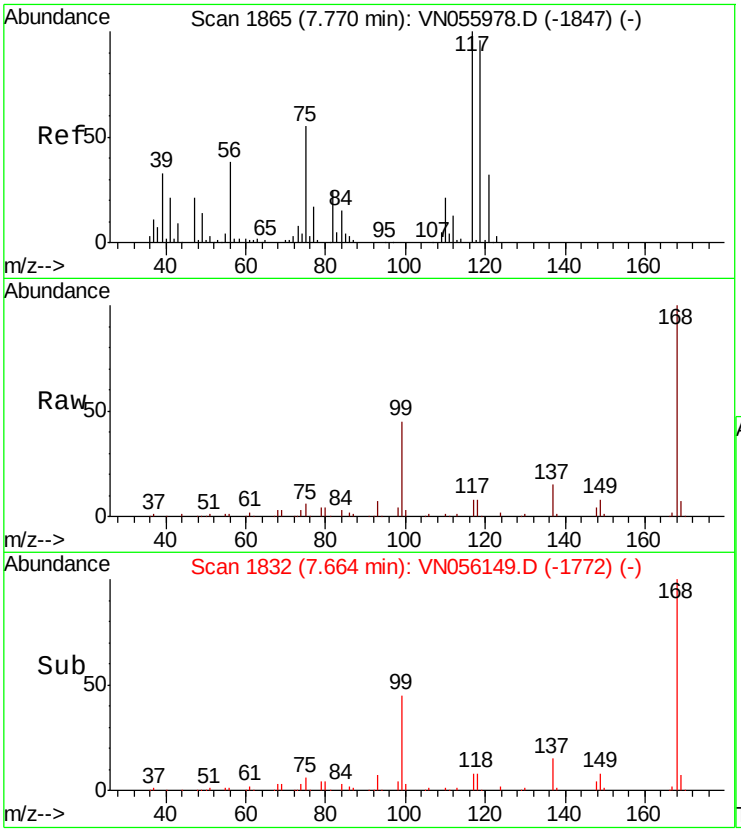


#37
Ethyl Acetate
Concen: 4.634 ug/l
RT: 6.94 min Scan# 1608
Delta R.T. 0.01 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Tgt Ion: 43 Resp: 16507

Ion	Ratio	Lower	Upper
43	100		
61	14.5	12.2	18.2
70	9.6	8.9	13.3



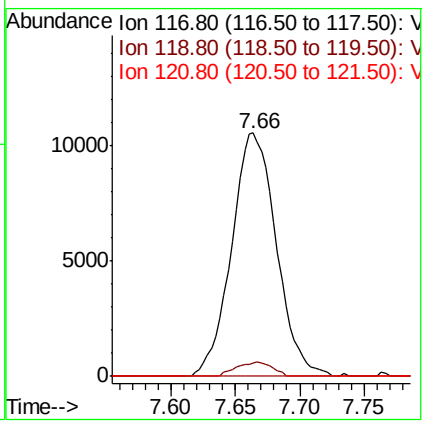


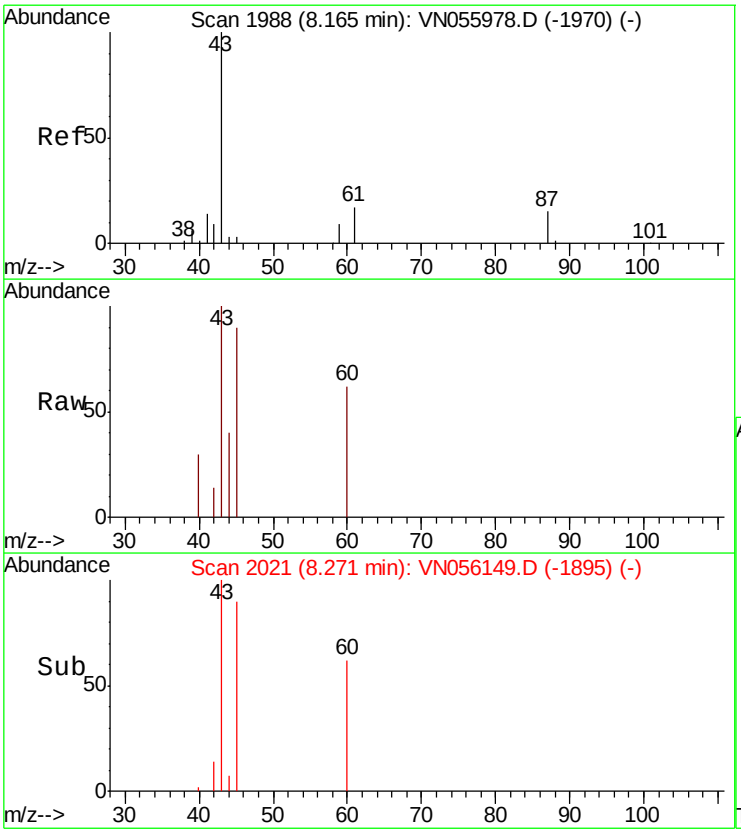
#38
Carbon Tetrachloride
Concen: 6.906 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :
SP19-MMW-3414

Tgt Ion:117 Resp: 25492

Ion	Ratio	Lower	Upper
117	100		
119	5.5	79.0	118.6#
121	0.0	24.7	37.1#

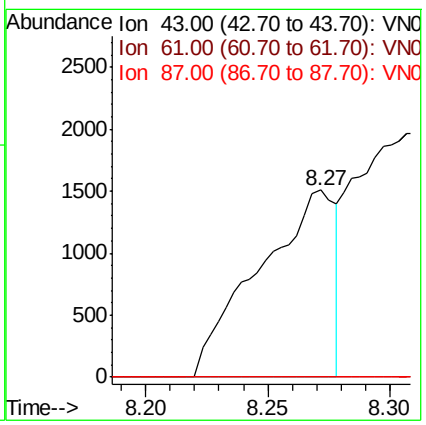


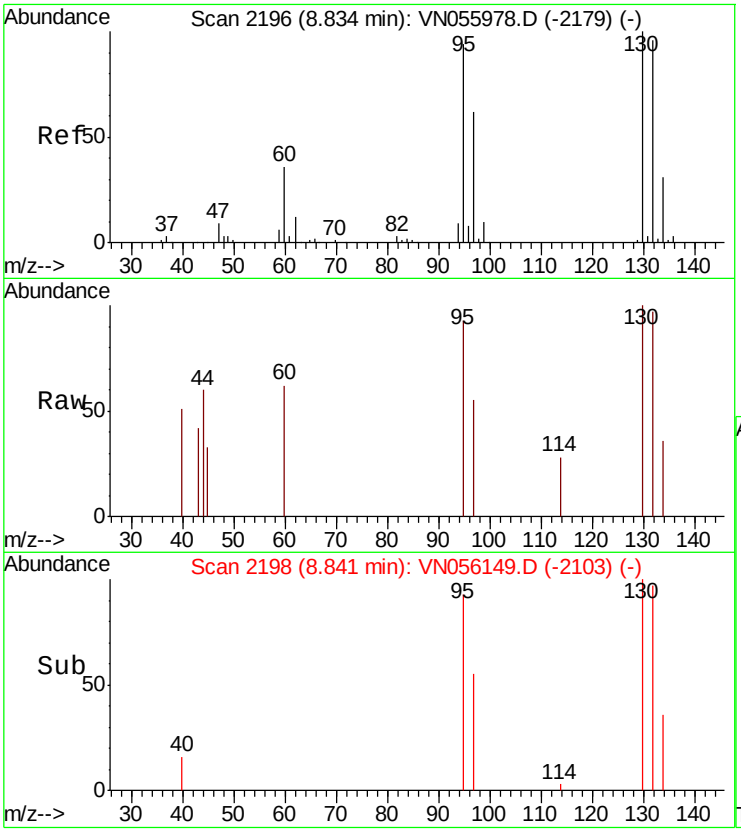


#43
Isopropyl Acetate
Concen: 0.569 ug/l
RT: 8.27 min Scan# 2021
Delta R.T. 0.11 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Tgt Ion: 43 Resp: 3285

Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.2	33.4#
87	0.0	11.4	17.2#



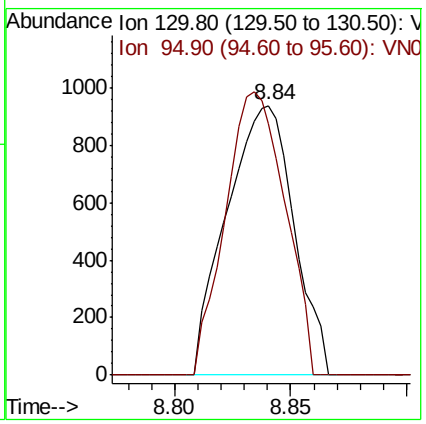


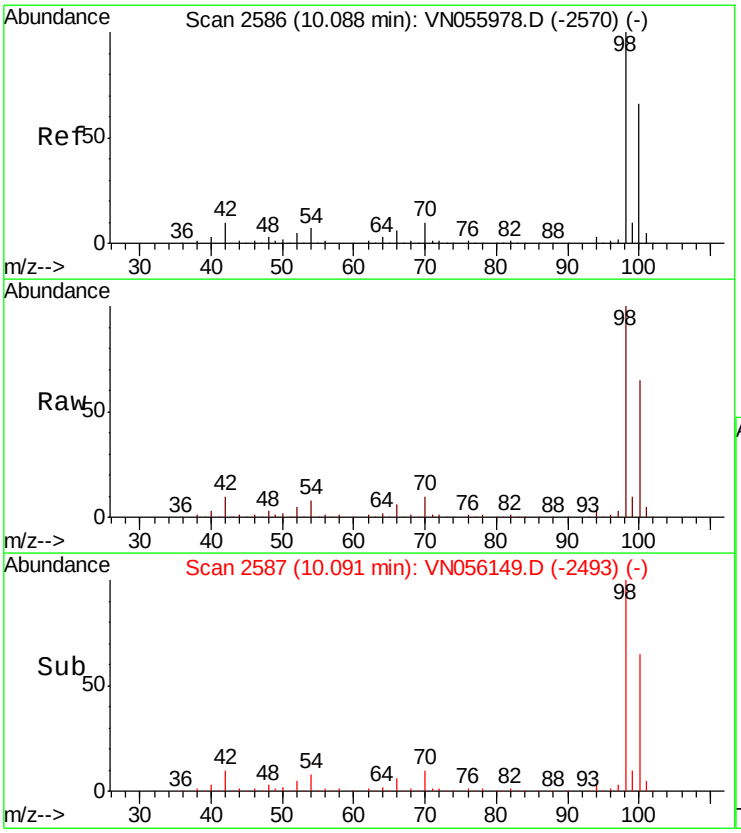
#44
Trichloroethene
Concen: 0.541 ug/l
RT: 8.84 min Scan# 2198
Delta R.T. 0.01 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :
SP19-MMW-3414

Tgt Ion:130 Resp: 1891

Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	188.0

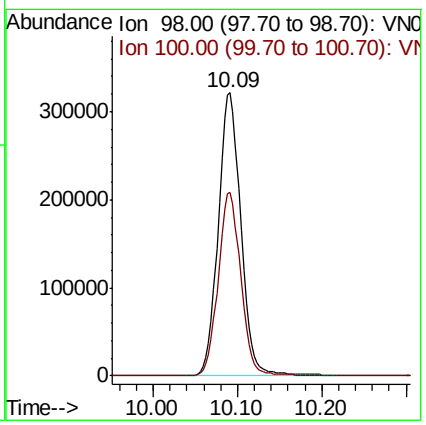


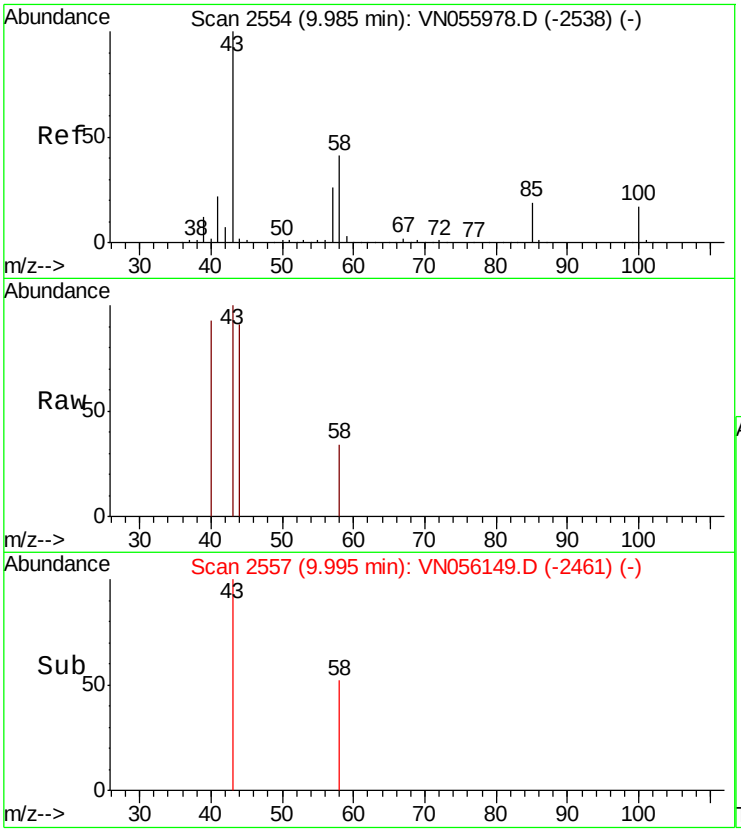


#50
Toluene-d8
Concen: 54.640 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Tgt Ion: 98 Resp: 600679

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9



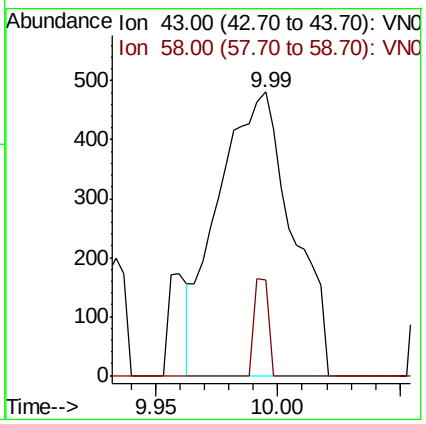


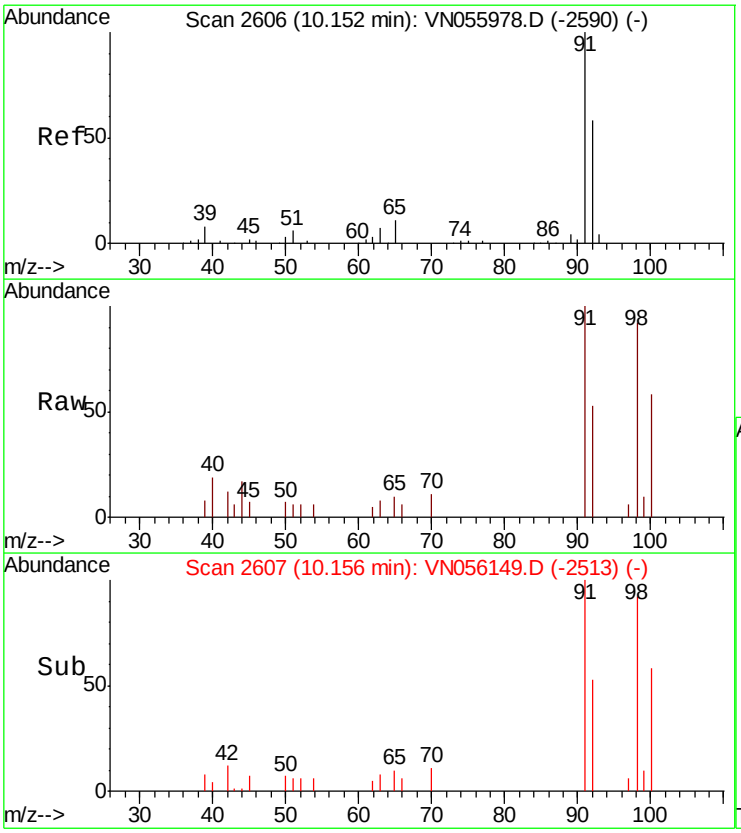
#51
4-Methyl-2-Pentanone
Concen: 0.280 ug/l
RT: 9.99 min Scan# 2557
Delta R.T. 0.01 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Instrument : MSVOA_N
ClientSampleId : SP19-MMW-3414

Tgt Ion: 43 Resp: 1010

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.1	48.1#

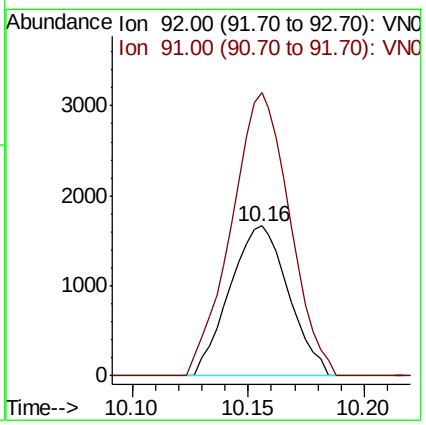


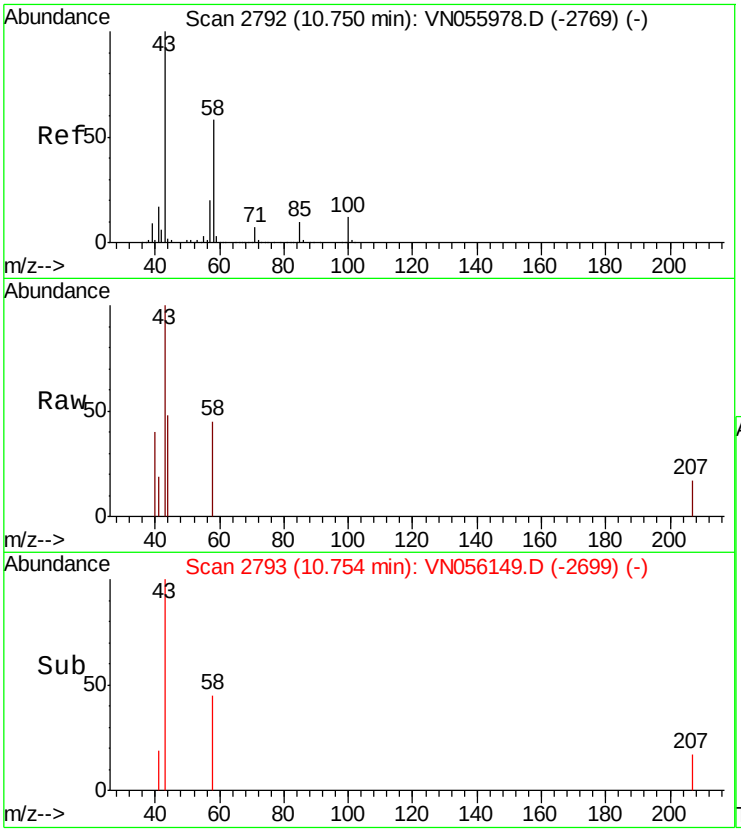


#52
Toluene
Concen: 0.388 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Tgt Ion: 92 Resp: 2937

Ion	Ratio	Lower	Upper
92	100		
91	187.3	139.4	209.2



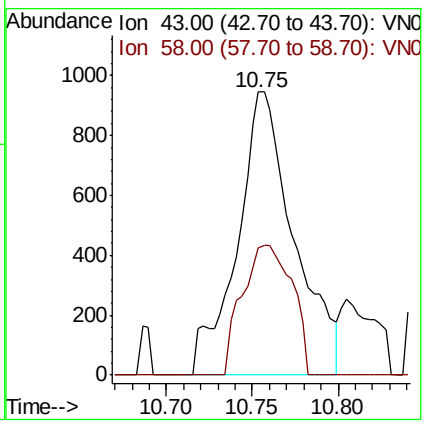


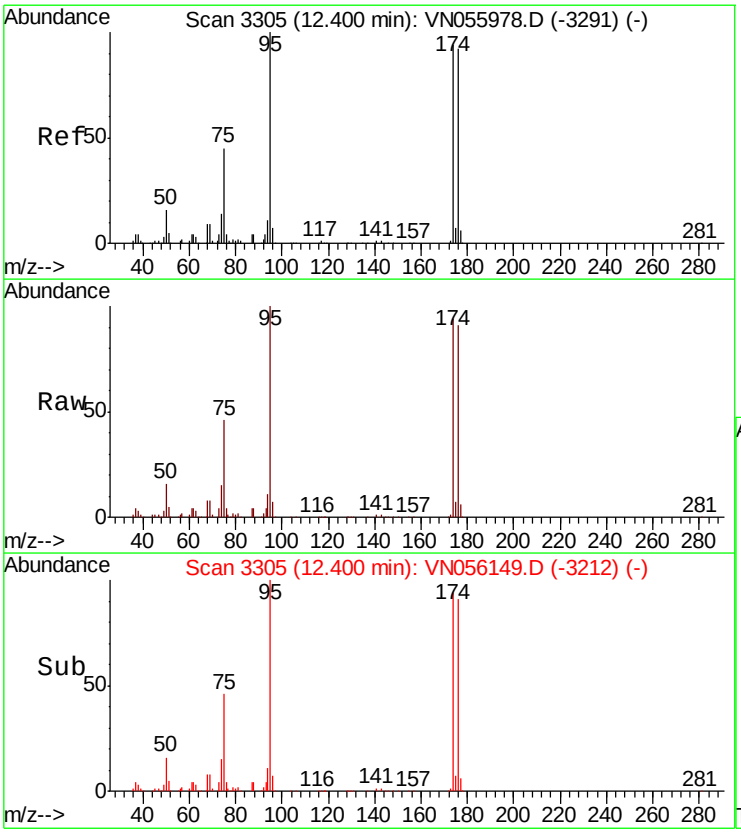
#59
2-Hexanone
Concen: 0.831 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Instrument : MSVOA_N
ClientSampleId : SP19-MMW-3414

Tgt Ion: 43 Resp: 2174

Ion	Ratio	Lower	Upper
43	100		
58	40.1	28.2	84.7

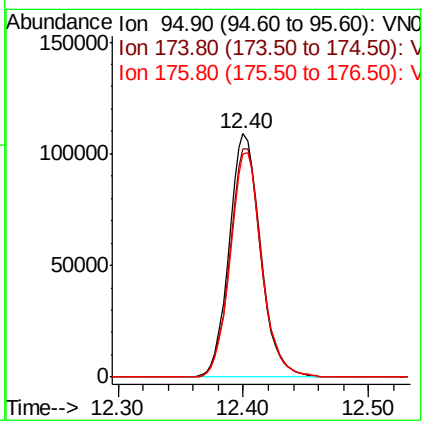


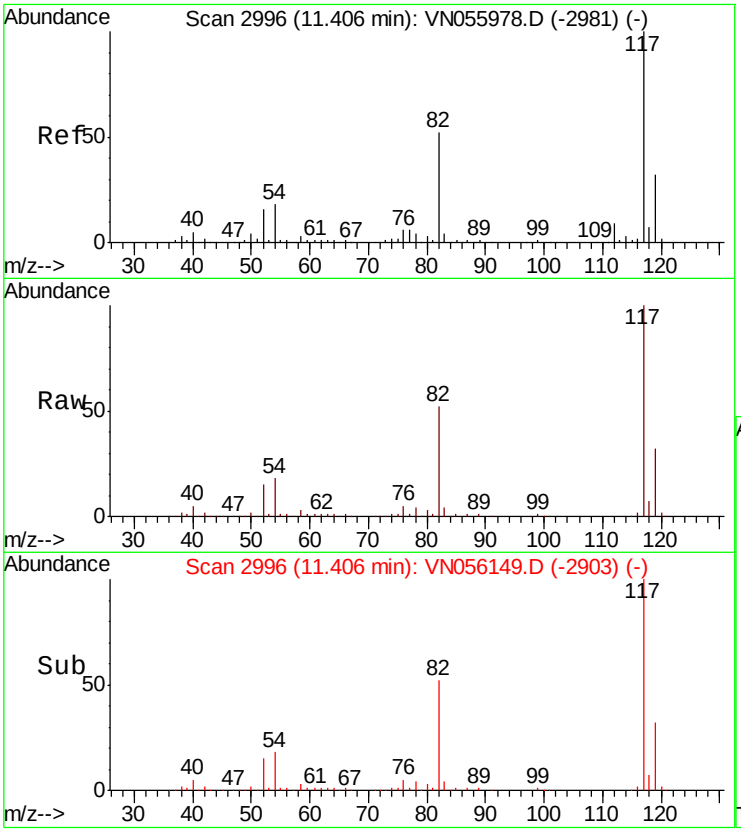


#62
4-Bromofluorobenzene
Concen: 50.214 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Tgt Ion: 95 Resp: 187730

Ion	Ratio	Lower	Upper
95	100		
174	95.9	0.0	191.0
176	93.0	0.0	185.2



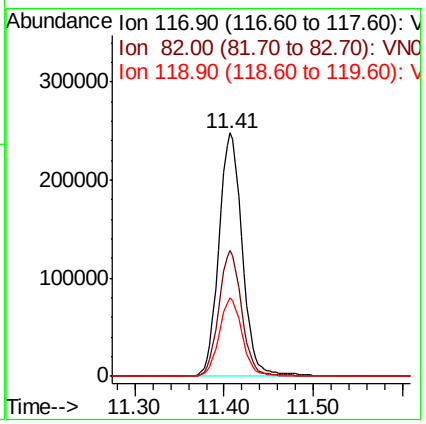


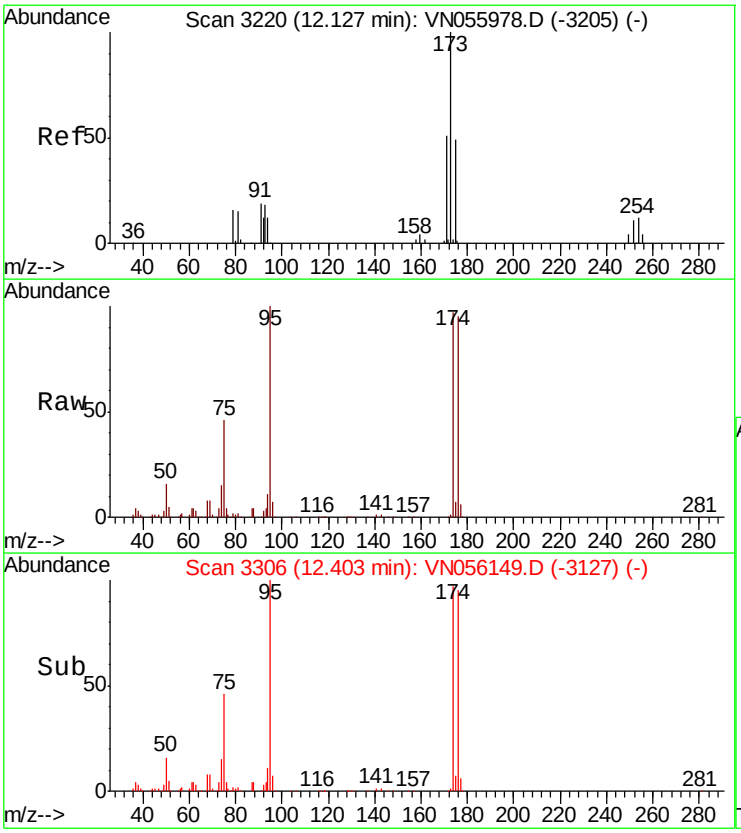
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :
SP19-MMW-3414

Tgt Ion:117 Resp: 450977

Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.8	62.8
119	32.1	25.4	38.0

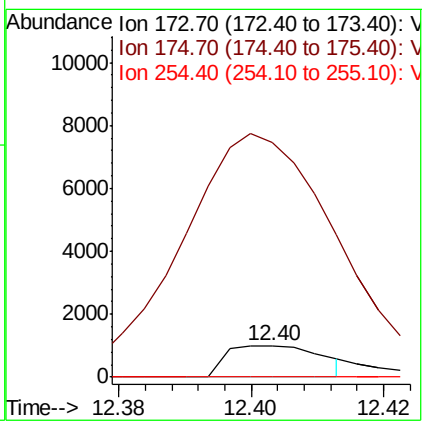


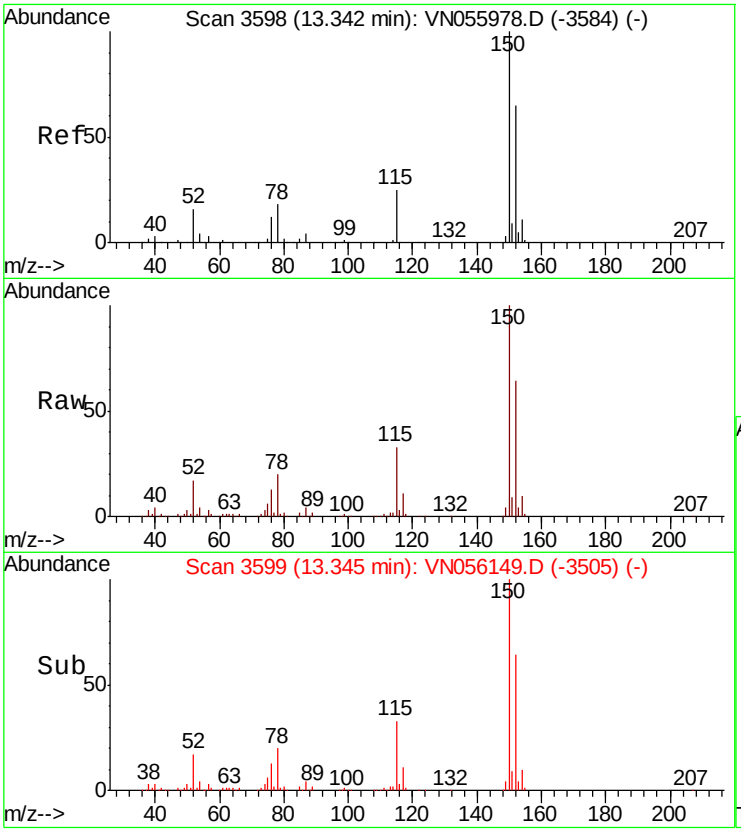


#71
Bromoform
Concen: 3.105 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Tgt Ion:173 Resp: 999

Ion	Ratio	Lower	Upper
173	100		
175	1128.8	24.3	72.8#
254	0.0	0.0	0.0



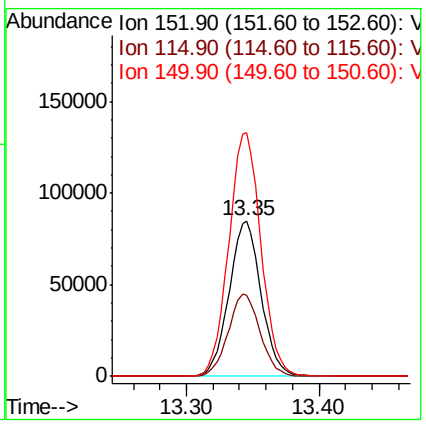


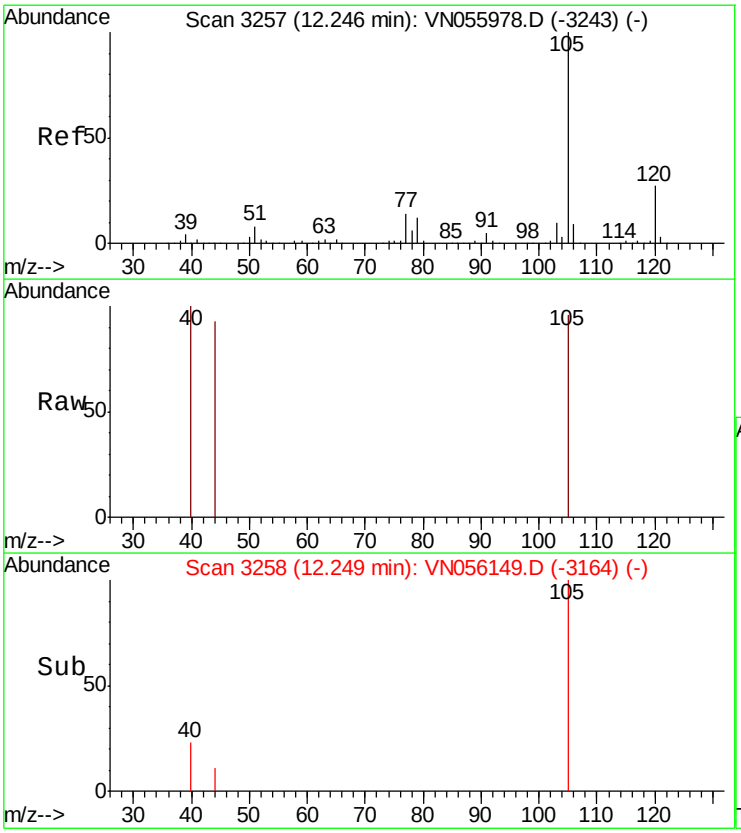
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Instrument : MSVOA_N
ClientSampleId : SP19-MMW-3414

Tgt Ion:152 Resp: 141504

Ion	Ratio	Lower	Upper
152	100		
115	52.9	27.0	81.0
150	158.4	0.0	343.2

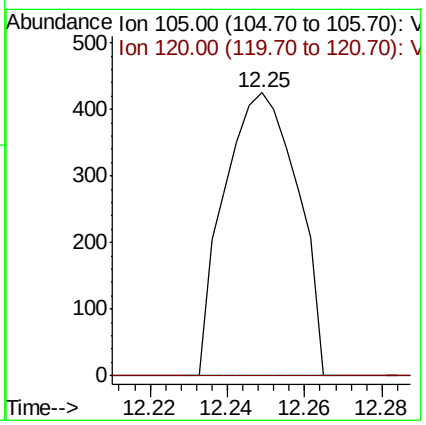


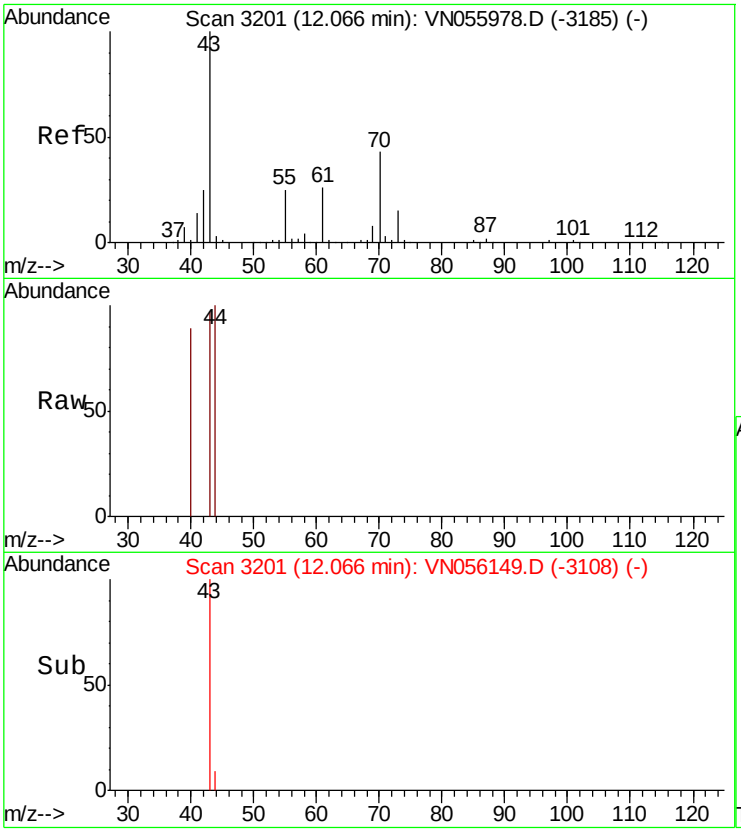


#73
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Tgt Ion:105 Resp: 557

Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.6	40.7#



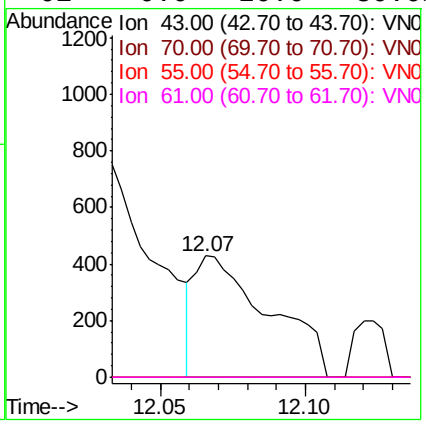


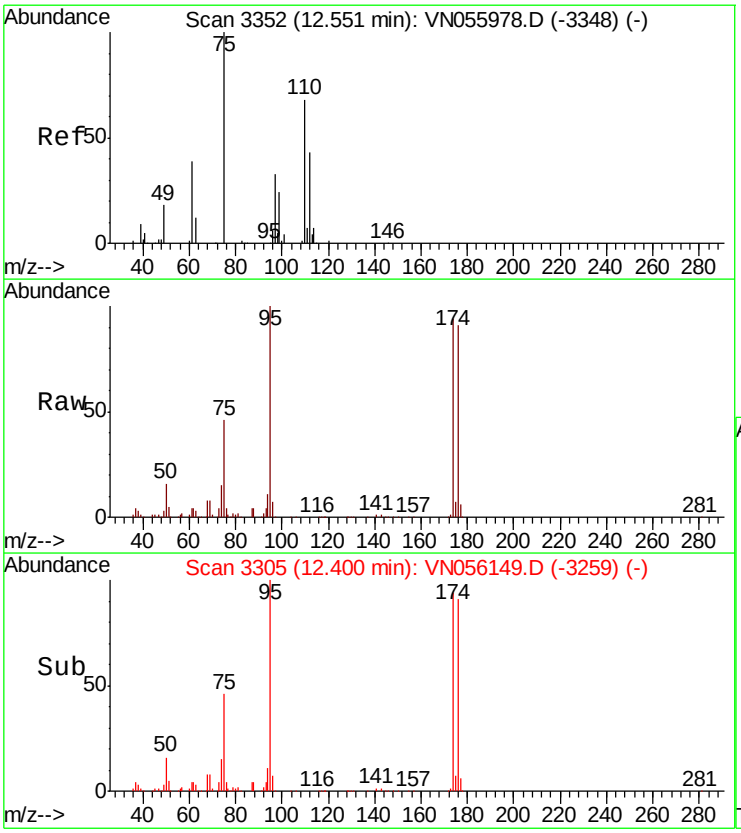
#74
N-amyl acetate
Concen: 0.201 ug/l
RT: 12.07 min Scan# 3201
Delta R.T. 0.00 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Instrument : MSVOA_N
ClientSampleId : SP19-MMW-3414

Tgt Ion: 43 Resp: 759

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.0	51.0#
55	0.0	18.6	28.0#
61	0.0	20.0	30.0#

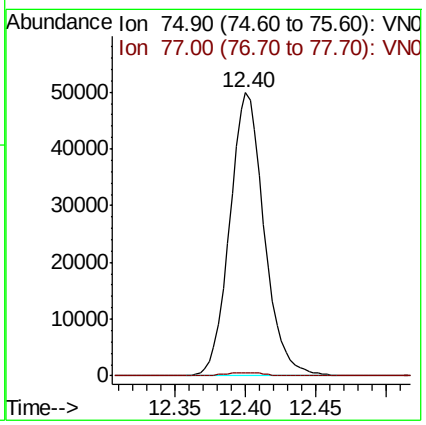


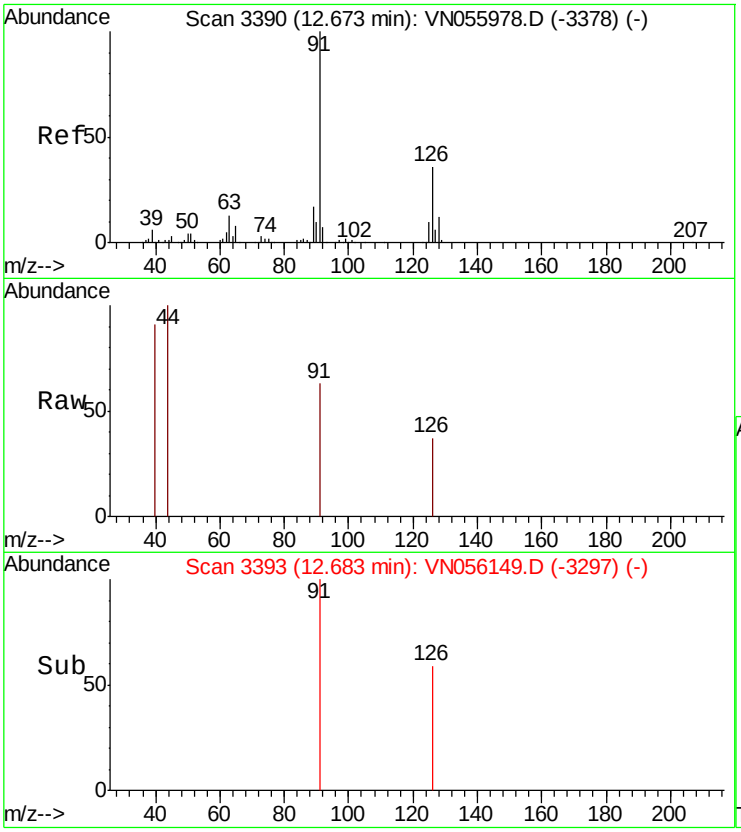


#76
1,2,3-Trichloropropane
Concen: 32.751 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Tgt Ion: 75 Resp: 85274

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



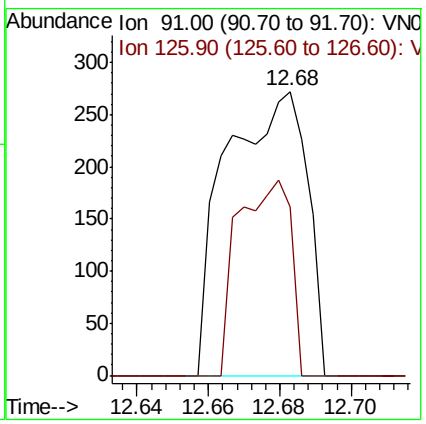


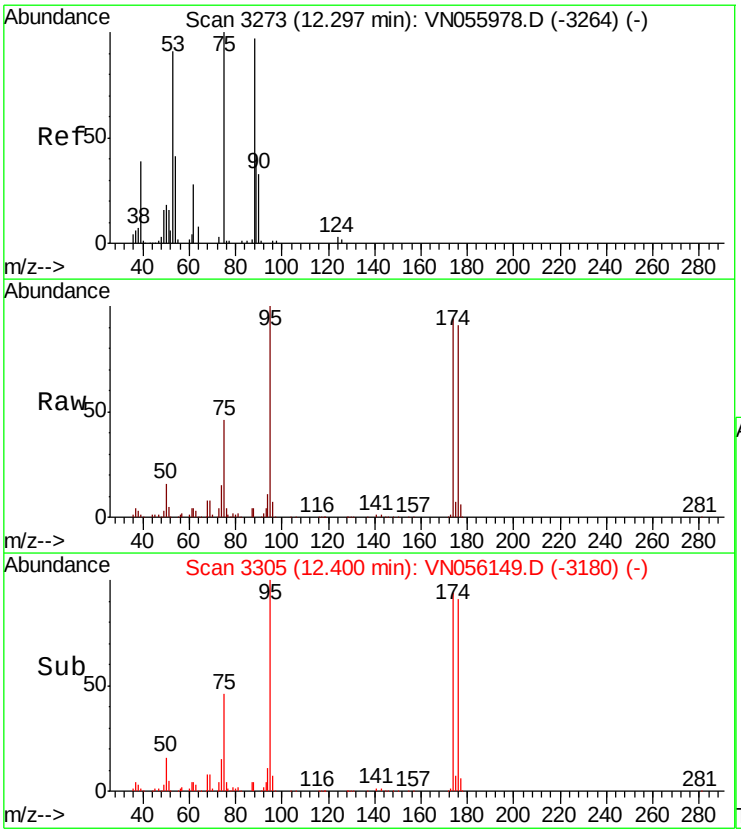
#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.68 min Scan# 3393
Delta R.T. 0.01 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :
SP19-MMW-3414

Tgt Ion: 91 Resp: 425

Ion	Ratio	Lower	Upper
91	100		
126	45.2	18.1	54.4

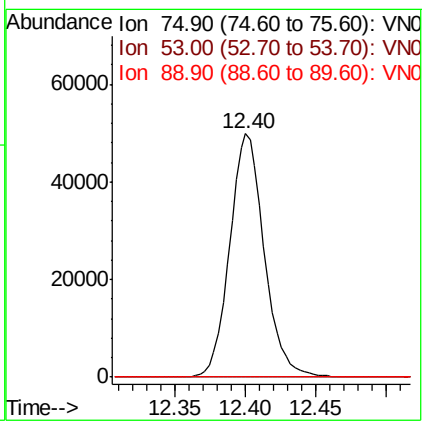


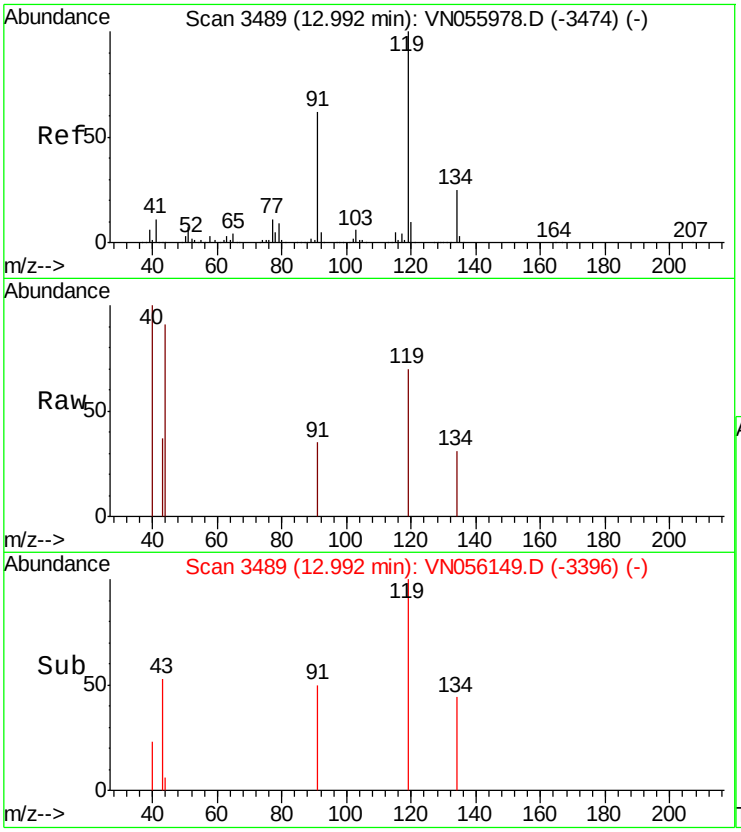


#81
trans-1,4-Dichloro-2-butene
Concen: 109.066 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Tgt Ion: 75 Resp: 85274

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.1	102.1#
89	0.0	36.9	55.3#



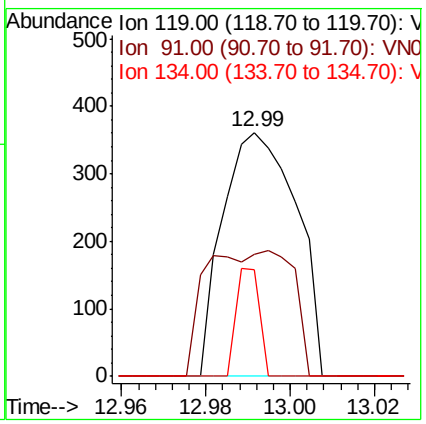


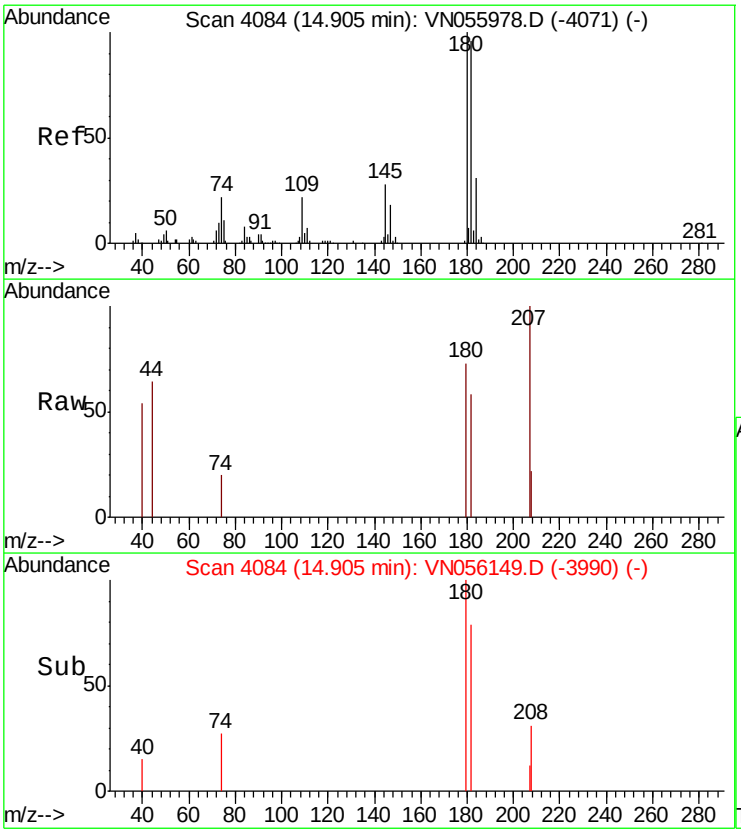
#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Instrument : MSVOA_N
ClientSampleId : SP19-MMW-3414

Tgt Ion:119 Resp: 436

Ion	Ratio	Lower	Upper
119	100		
91	60.8	30.9	92.8
134	14.0	13.3	39.8

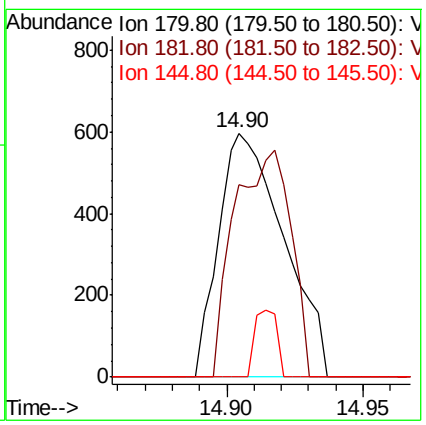


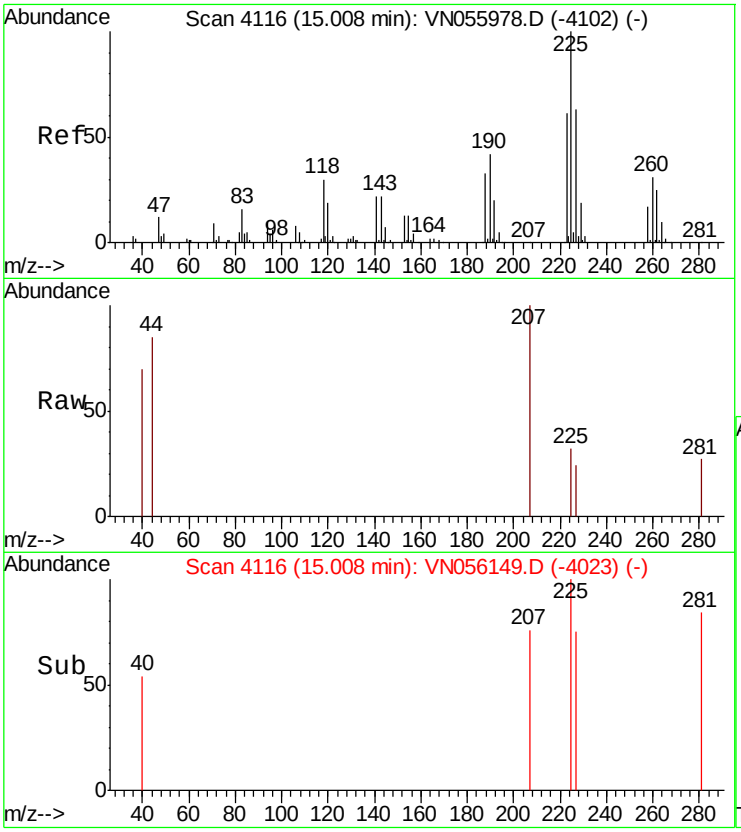


#93
1,2,4-Trichlorobenzene
Concen: 4.618 ug/l
RT: 14.90 min Scan# 4084
Delta R.T. 0.00 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Tgt Ion:180 Resp: 992

Ion	Ratio	Lower	Upper
180	100		
182	80.7	48.3	144.9
145	9.2	14.0	41.9#



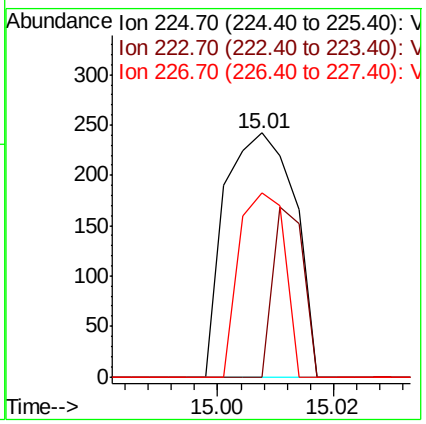


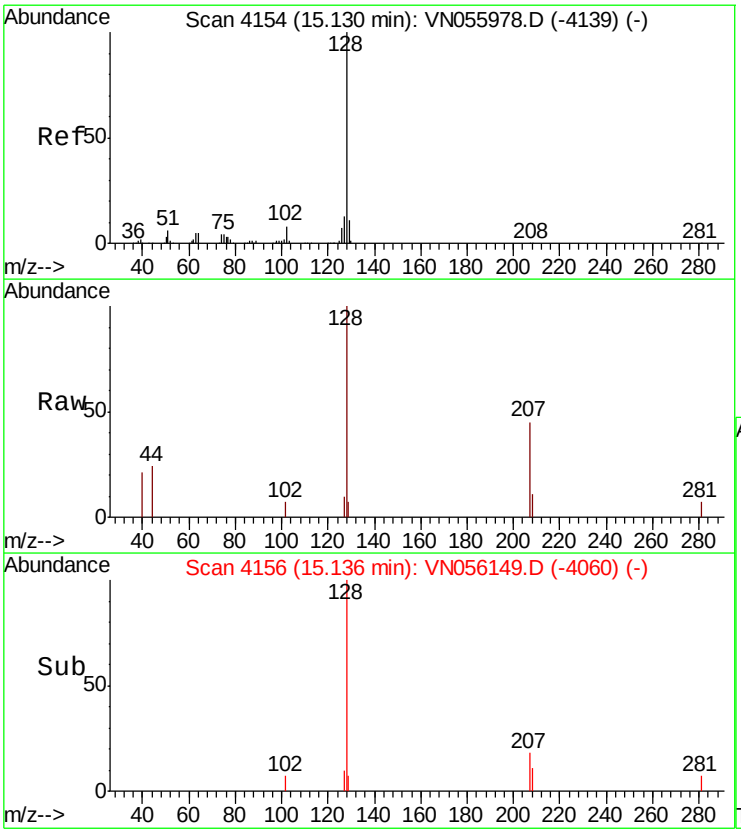
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :
SP19-MMW-3414

Tgt Ion:225 Resp: 201

Ion	Ratio	Lower	Upper
225	100		
223	30.8	30.9	92.7#
227	49.3	31.6	94.7

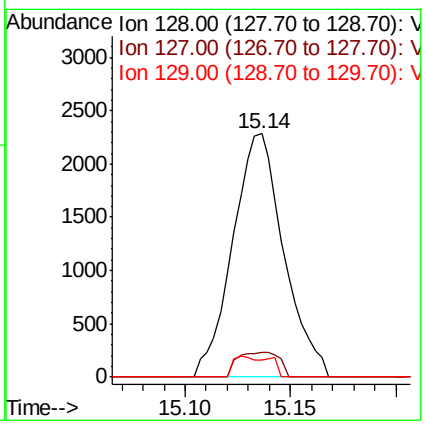


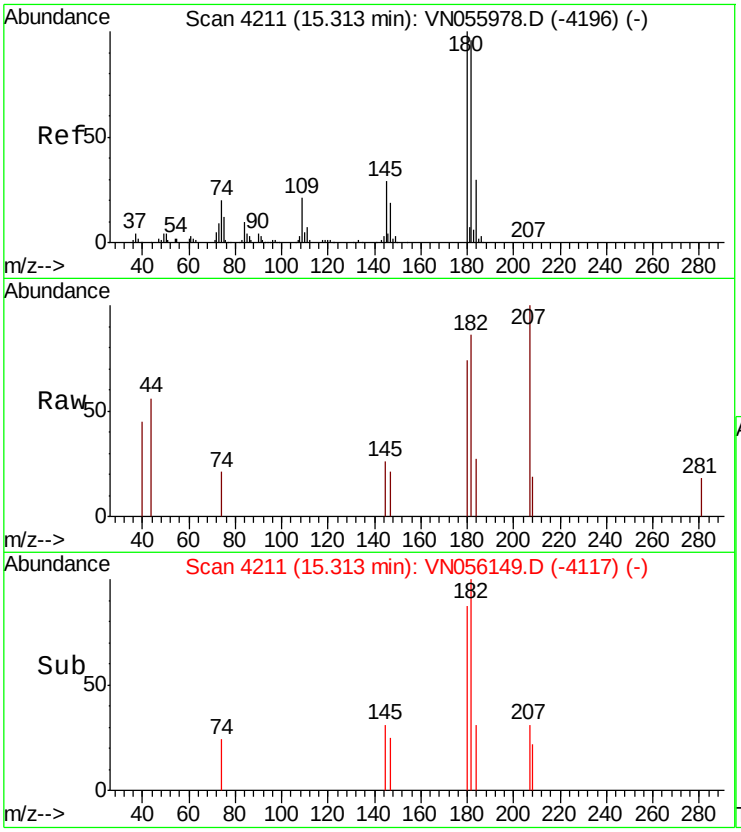


#95
Naphthalene
Concen: 4.376 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.01 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Tgt Ion:128 Resp: 3846

Ion	Ratio	Lower	Upper
128	100		
127	8.2	10.3	15.5#
129	6.1	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 3.475 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN056149.D
Acq: 8 Jun 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :
SP19-MMW-3414

Tgt Ion:180 Resp: 1256

Ion	Ratio	Lower	Upper
180	100		
182	111.3	47.9	143.7
145	21.7	14.9	44.7