Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090919\

Quantitation Report (Not Reviewed)

Data File : VW012828.D
Acq On : 09 Sep 2019 18:07
Operator : SY/VA
Sample : K4623-18
Misc : 3.69G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : PAR-11-E1-(0)

Quant Time: Sep 10 07:02:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	235082	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	355565	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	287445	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	107557	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.30	65	123801	47.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.26%				
35) Dibromofluoromethane	7.88	113	103584	49.00	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.00%				
50) Toluene-d8	10.32	98	417621	50.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.86%				
62) 4-Bromofluorobenzene	12.62	95	125410	41.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 83.42%				
Target Compounds							Qvalue
8) Diethyl Ether	3.68	74	1529	1.388	ug/l		74
11) Tert butyl alcohol	5.13	59	215	1.070	ug/l	#	72
16) Acetone	4.14	43	1011	1.412	ug/l	#	87
20) Methylene Chloride	4.90	84	12070	5.388	ug/l		92
25) 2-Butanone	7.16	43	328	19.967	ug/l	#	75
29) Tetrahydrofuran	7.54	42	4337	7.500	ug/l	#	94
31) Cyclohexane	7.95	56	4847	1.255	ug/l	#	1
36) 1,1-Dichloropropene	7.95	75	18345	5.807	ug/l	#	52
38) Carbon Tetrachloride	7.95	117	22680	7.283	ug/l	#	15
41) Methacrylonitrile	7.53	41	2511	5.532	ug/l	#	59
49) 1,4-Dioxane	9.20	88	55	2.419	ug/l	#	1
76) 1,2,3-Trichloropropane	12.62	75	65737	59.771	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.62	75	65737	126.419	ug/l	#	7
95) Naphthalene	15.36	128	534	4.547	ug/l	#	82

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

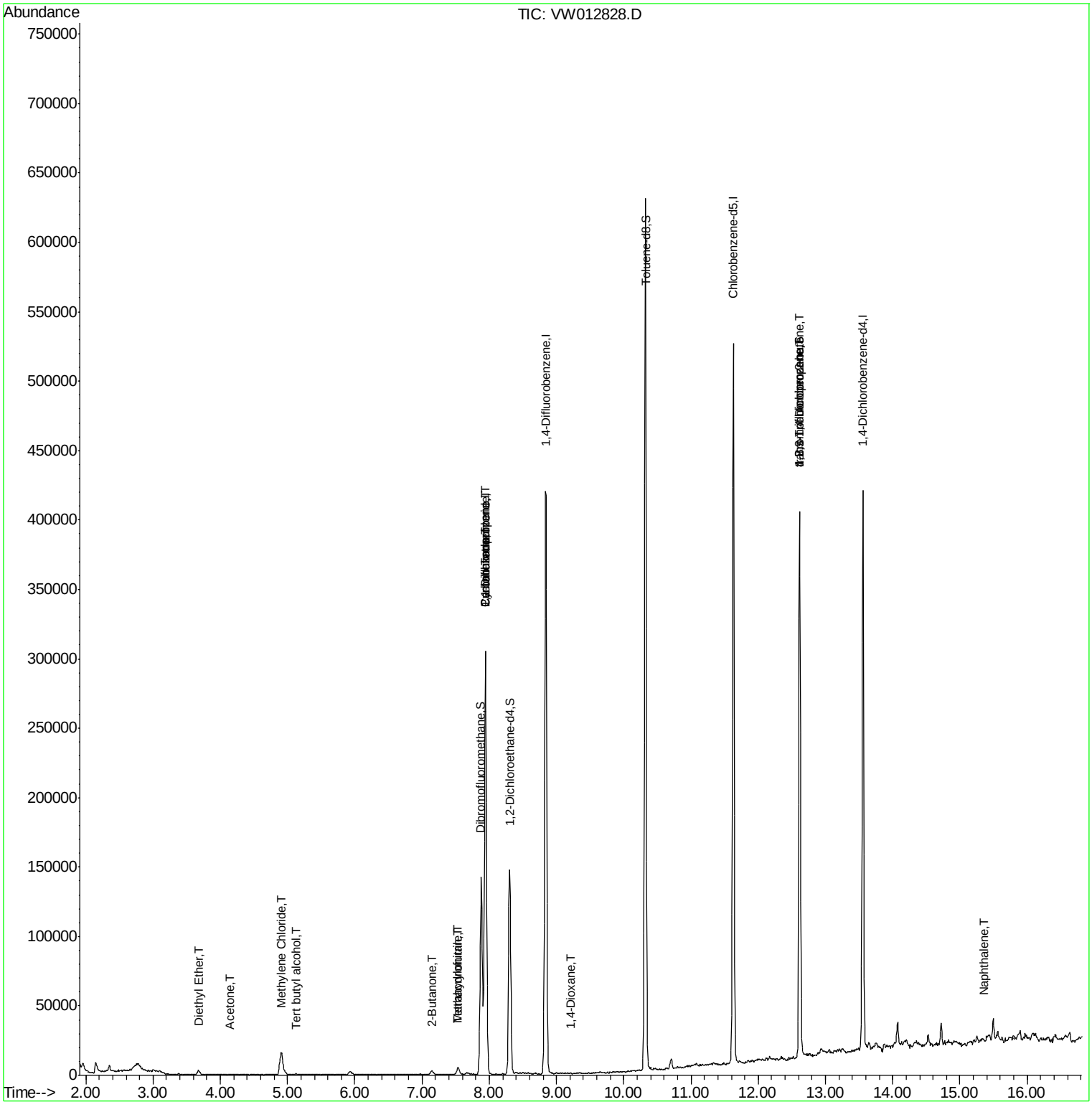
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090919\

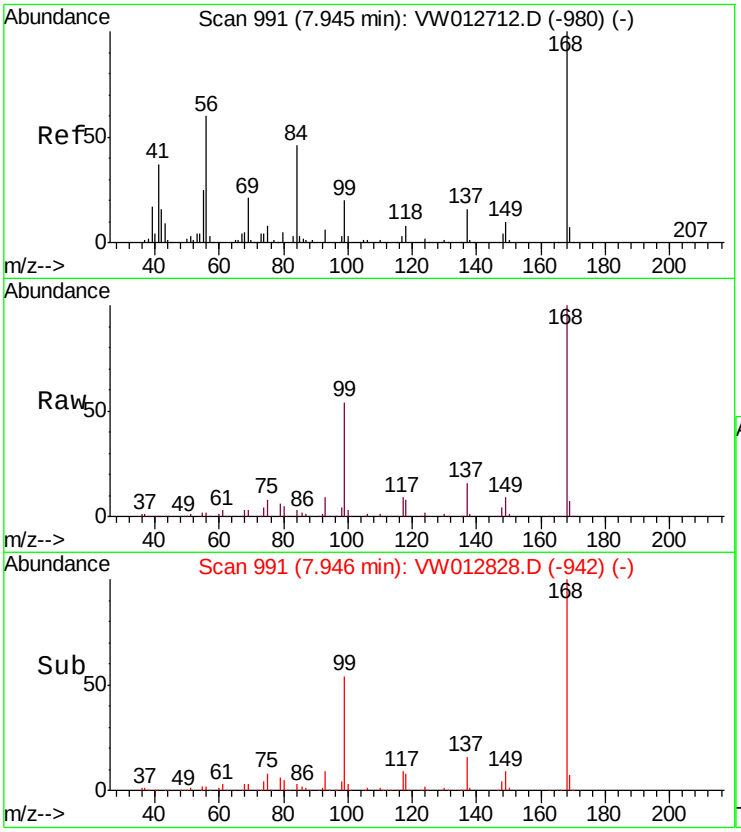
Quantitation Report (Not Reviewed)

Data File : VW012828.D
Acq On : 09 Sep 2019 18:07
Operator : SY/VA
Sample : K4623-18
Misc : 3.69G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-E1-(0)

Quant Time: Sep 10 07:02:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration



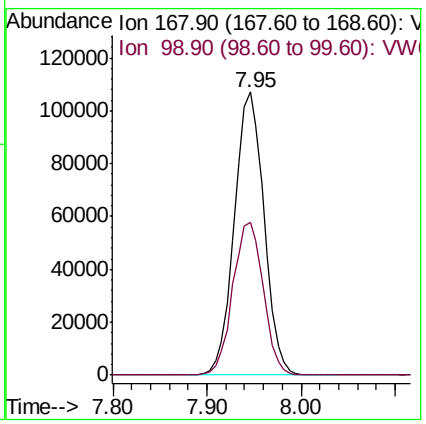


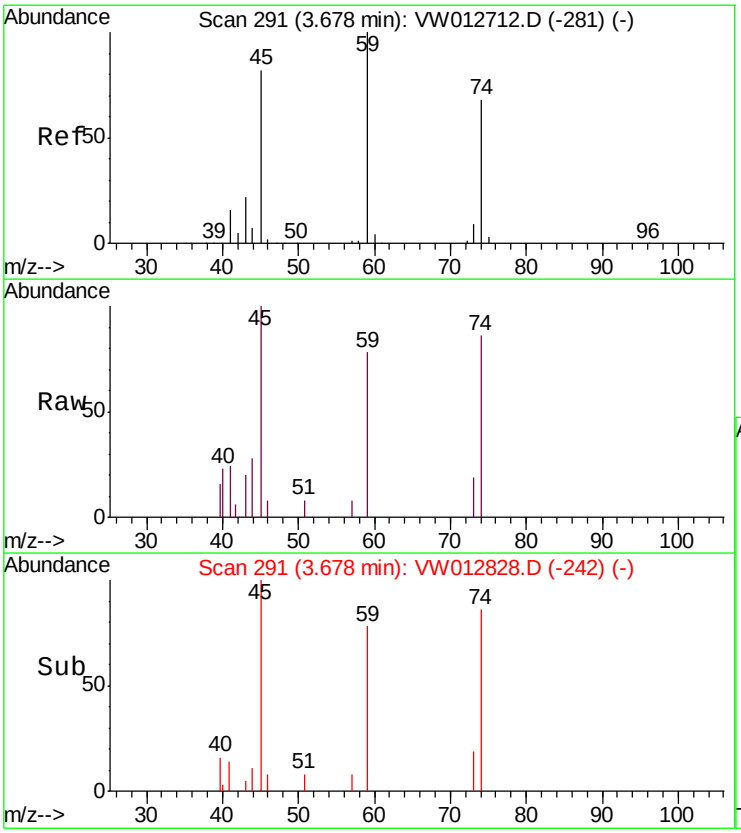
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-E1-(0)

Tgt Ion:168 Resp: 235082

Ion	Ratio	Lower	Upper
168	100		
99	54.0	47.8	71.6

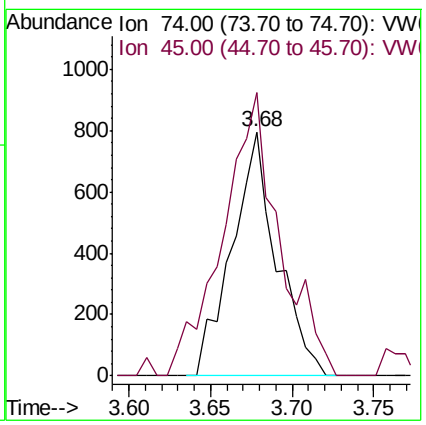


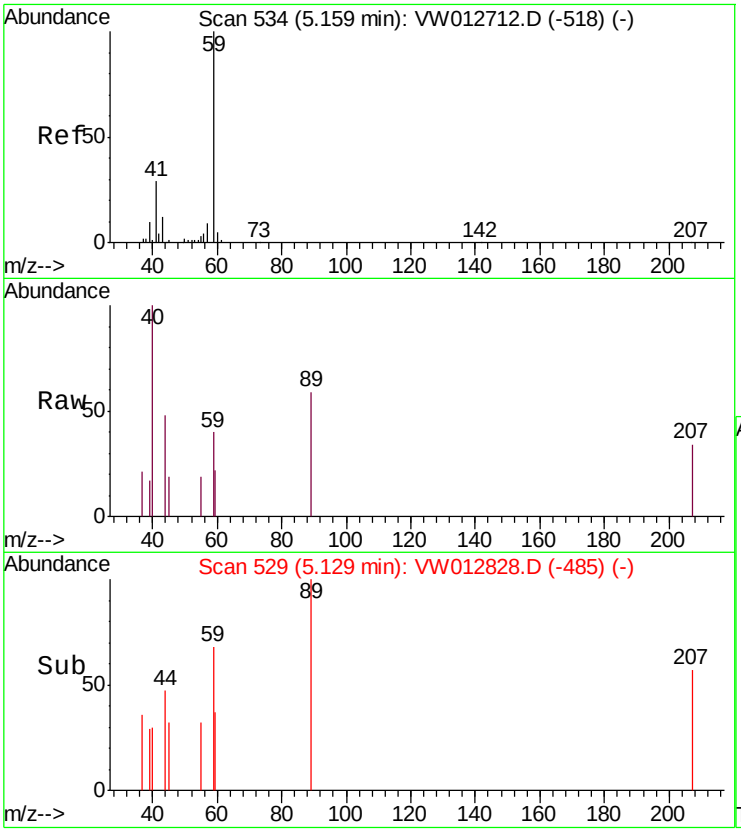


#8
Diethyl Ether
Concen: 1.388 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Tgt Ion: 74 Resp: 1529

Ion	Ratio	Lower	Upper
74	100		
45	146.7	58.8	176.4



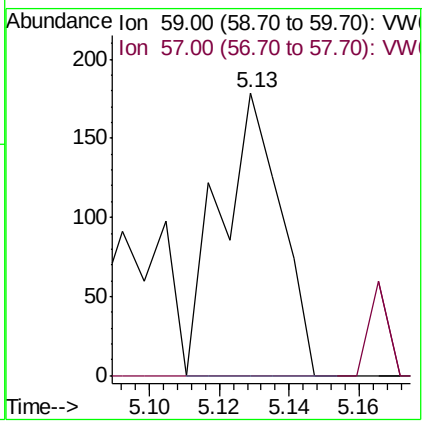


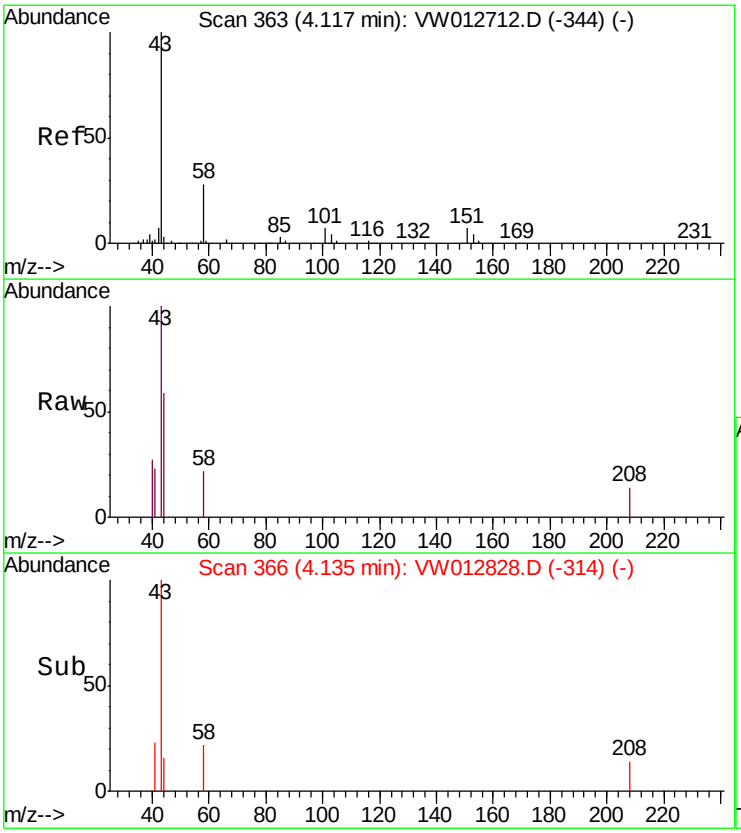
#11
Tert butyl alcohol
Concen: 1.070 ug/l
RT: 5.13 min Scan# 529
Delta R.T. -0.03 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Instrument : MSVOA_W
ClientSampleId : PAR-11-E1-(0)

Tgt Ion: 59 Resp: 215

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

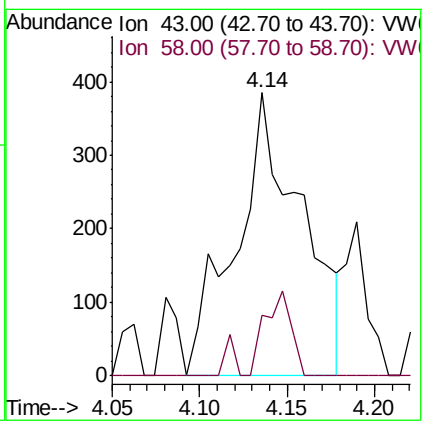


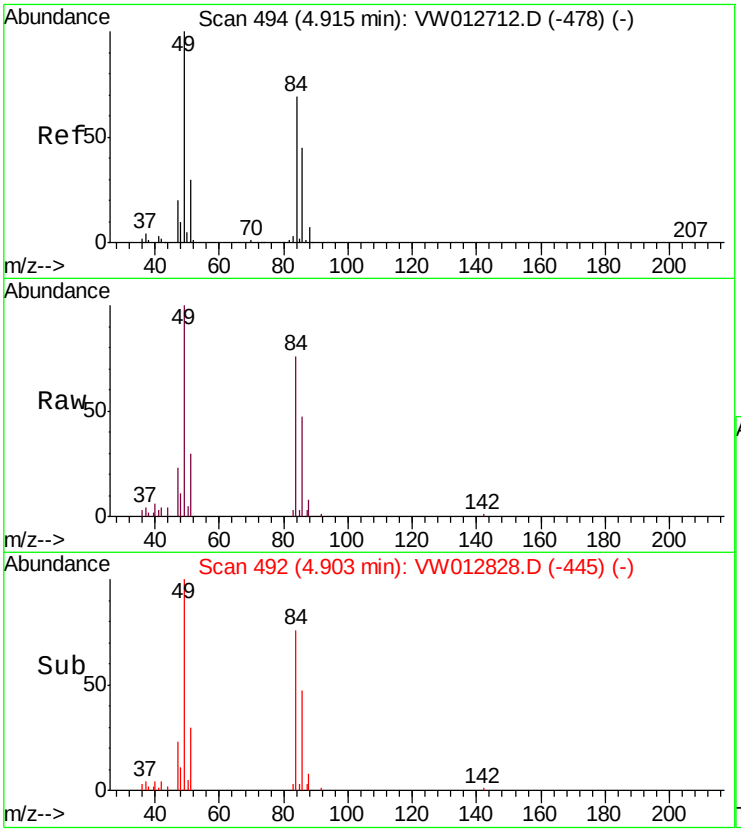


#16
Acetone
Concen: 1.412 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.02 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Tgt Ion: 43 Resp: 1011

Ion	Ratio	Lower	Upper
43	100		
58	21.6	22.6	33.8#



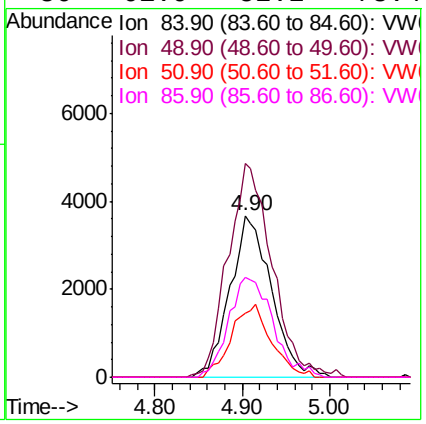


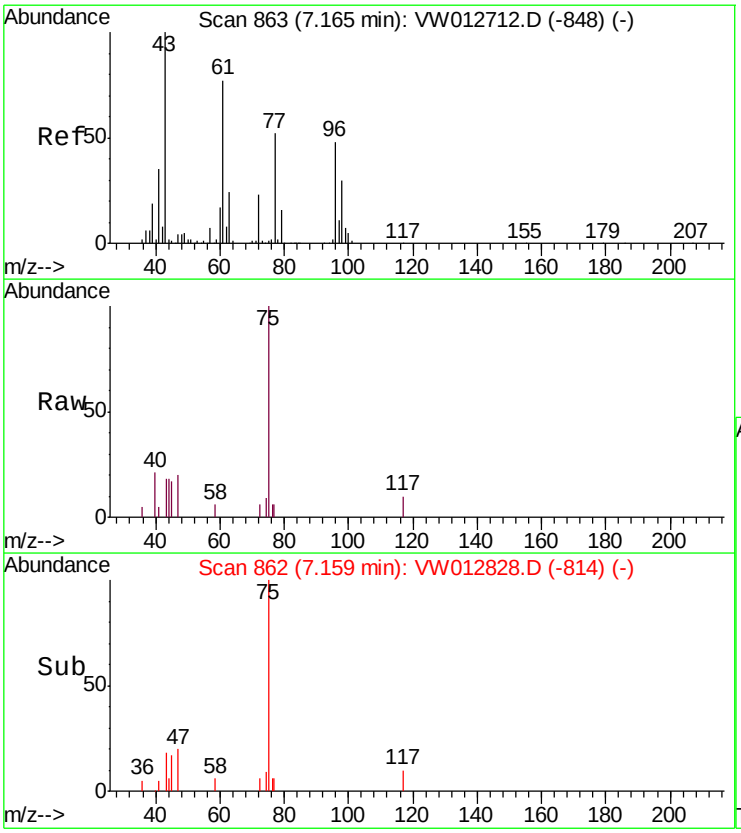
#20
Methylene Chloride
Concen: 5.388 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-E1-(0)

Tgt Ion: 84 Resp: 12070

Ion	Ratio	Lower	Upper
84	100		
49	132.1	115.4	173.0
51	39.6	34.9	52.3
86	61.9	52.2	78.4

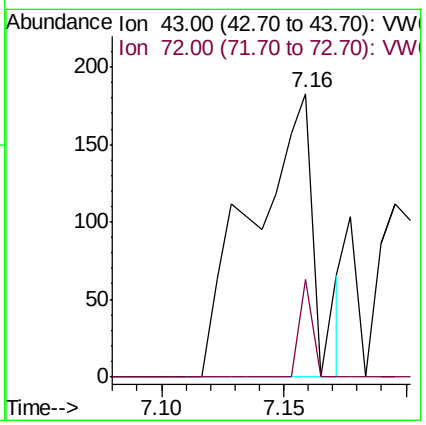


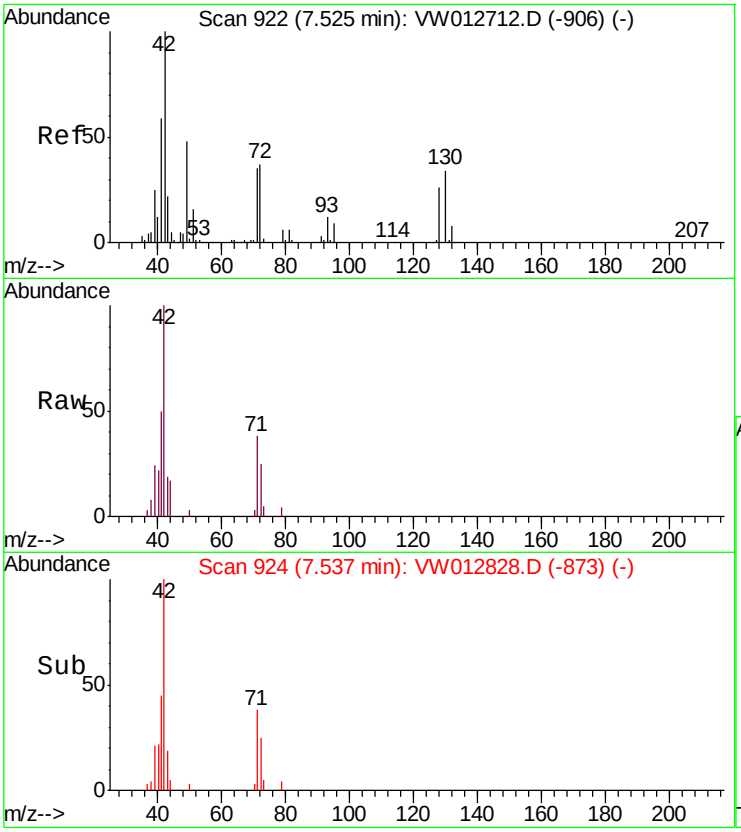


#25
2-Butanone
Concen: 19.967 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Tgt Ion: 43 Resp: 328

Ion	Ratio	Lower	Upper
43	100		
72	34.4	18.0	27.0#



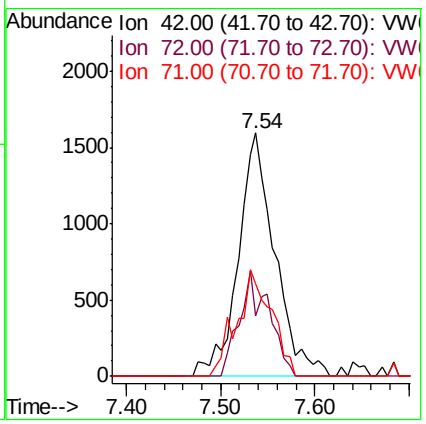


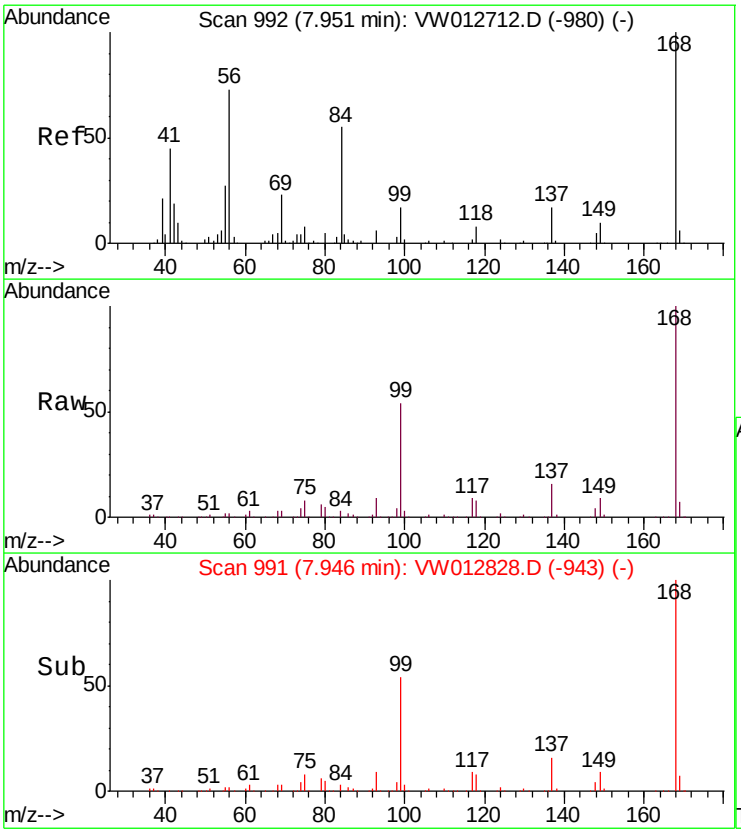
#29
Tetrahydrofuran
Concen: 7.500 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-E1-(0)

Tgt Ion: 42 Resp: 4337

Ion	Ratio	Lower	Upper
42	100		
72	35.4	28.4	42.6
71	41.4	27.1	40.7#

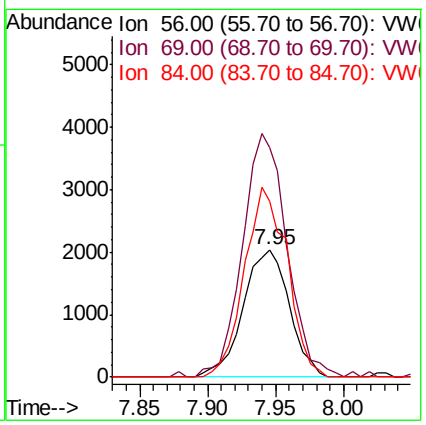


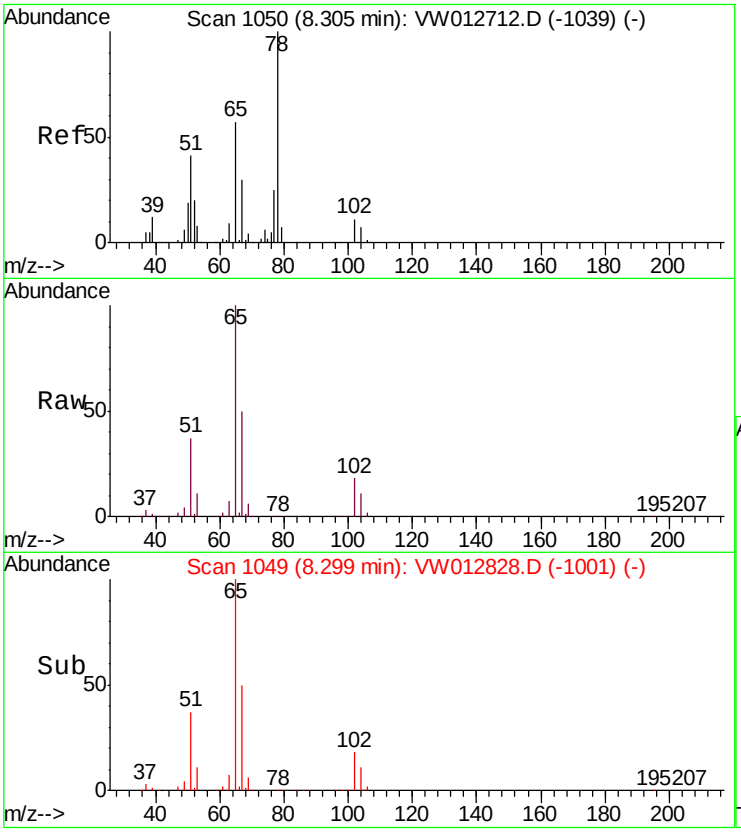


#31
Cyclohexane
Concen: 1.255 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Tgt Ion: 56 Resp: 4847

Ion	Ratio	Lower	Upper
56	100		
69	181.0	25.7	38.5#
84	138.4	60.4	90.6#



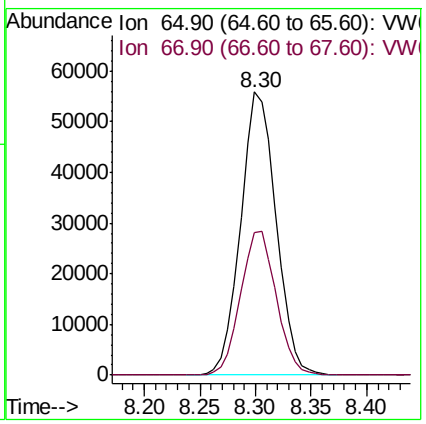


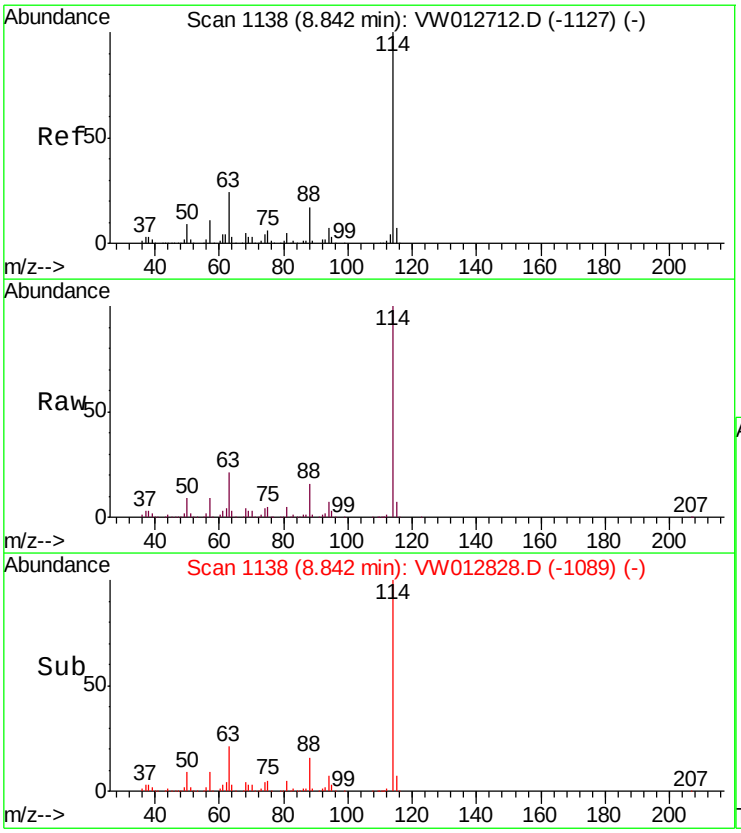
#33
1,2-Dichloroethane-d4
Concen: 47.133 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-E1-(0)

Tgt Ion: 65 Resp: 123801

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	101.8

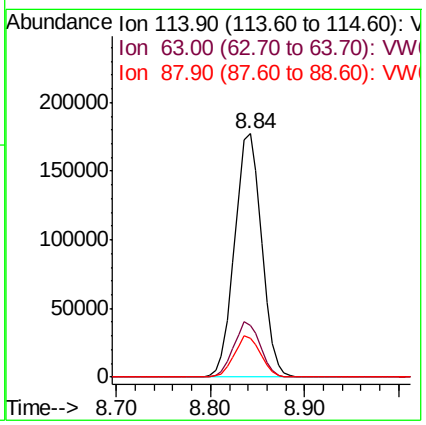


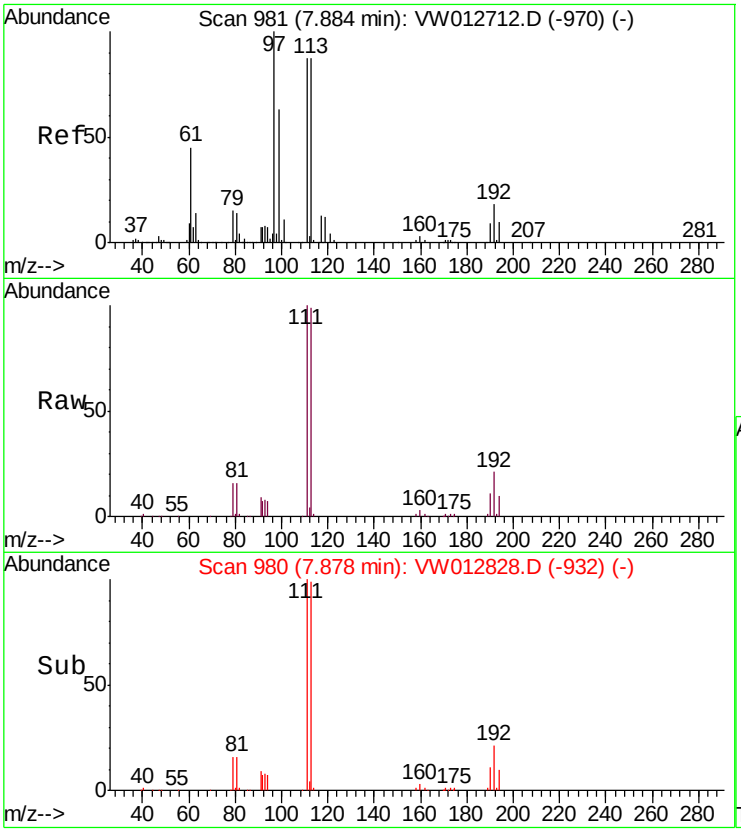


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Tgt Ion:114 Resp: 355565

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	47.2
88	15.7	0.0	34.0



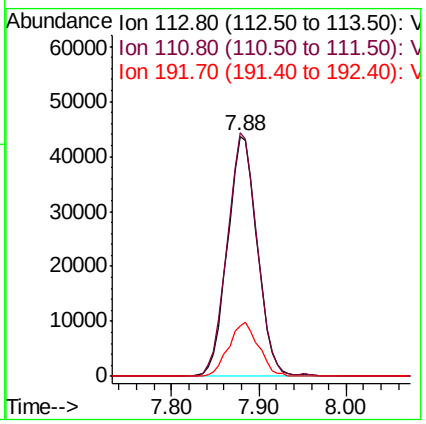


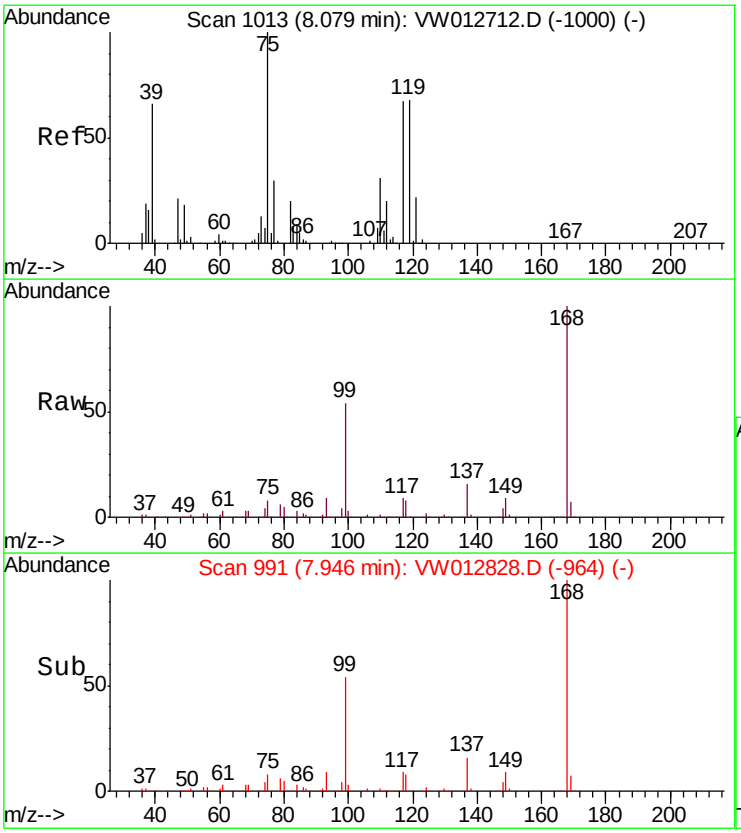
#35
Dibromofluoromethane
Concen: 49.001 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-E1-(0)

Tgt Ion:113 Resp: 103584

Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.2	120.4
192	22.5	17.3	25.9

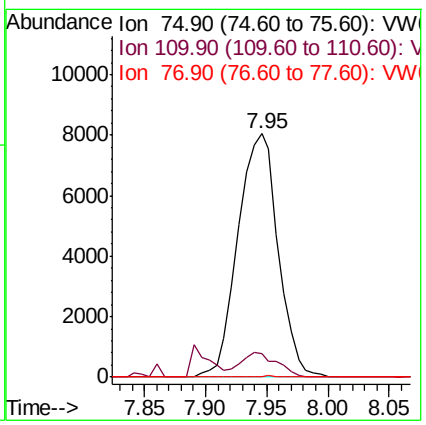


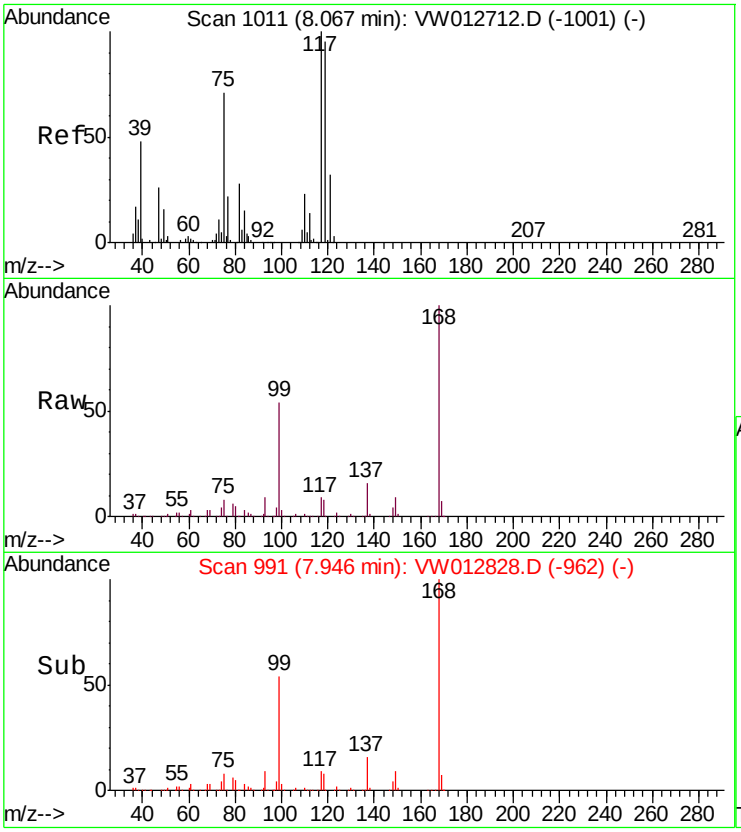


#36
1,1-Dichloropropene
Concen: 5.807 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Tgt Ion: 75 Resp: 18345

Ion	Ratio	Lower	Upper
75	100		
110	9.4	15.9	47.7#
77	0.1	25.0	37.4#



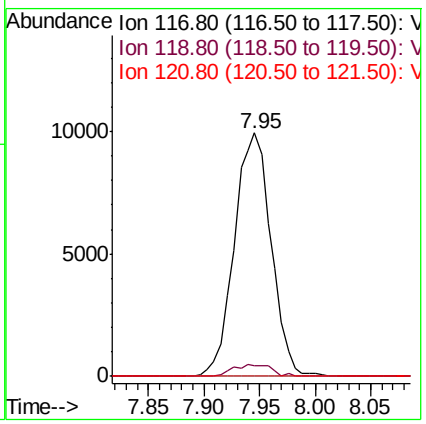


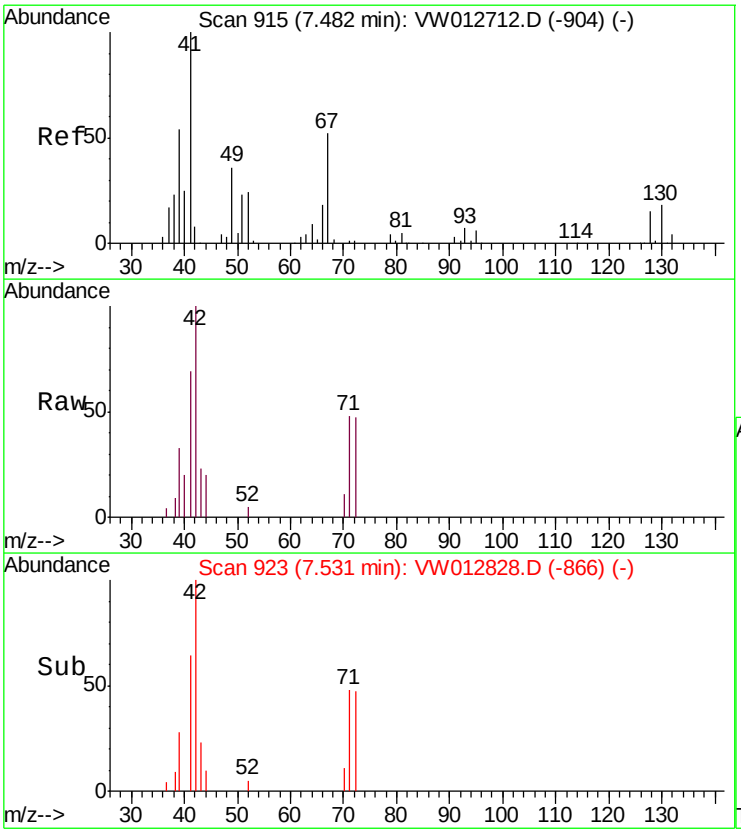
#38
Carbon Tetrachloride
Concen: 7.283 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-E1-(0)

Tgt Ion:117 Resp: 22680

Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.2	114.2#
121	0.0	25.4	38.2#

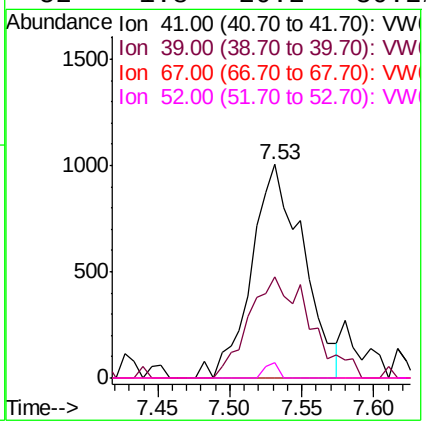


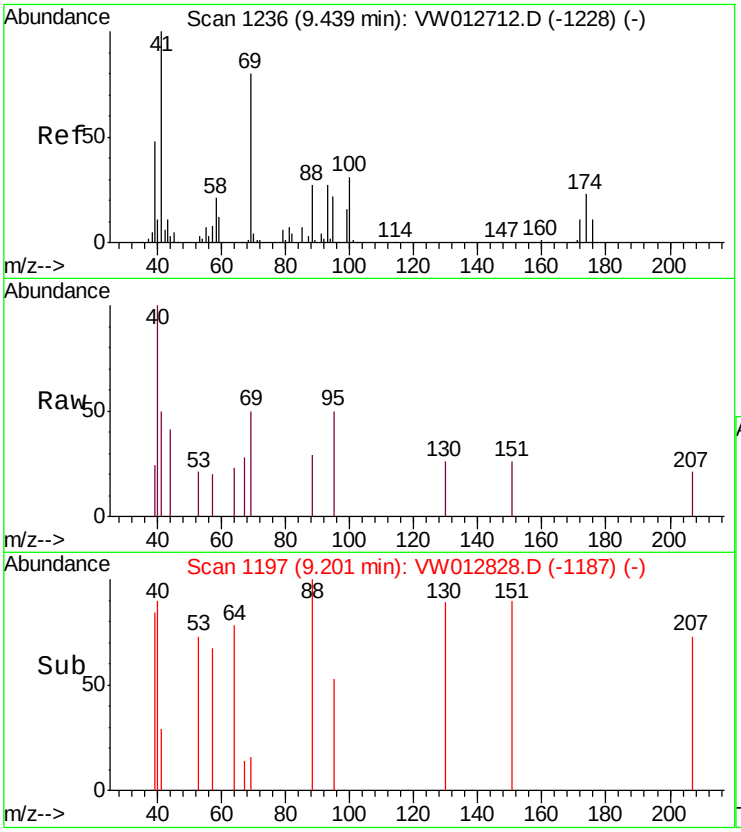


#41
Methacrylonitrile
Concen: 5.532 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.05 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Tgt Ion: 41 Resp: 2511

Ion	Ratio	Lower	Upper
41	100		
39	56.1	47.5	71.3
67	0.0	45.1	67.7#
52	1.8	20.2	30.2#



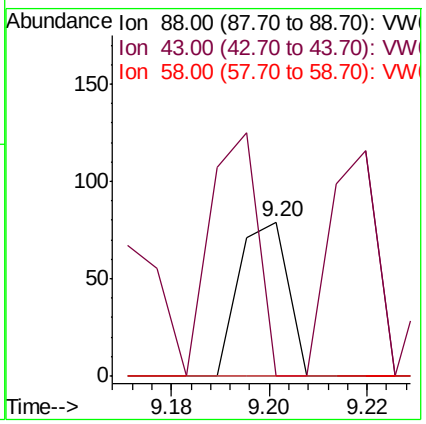


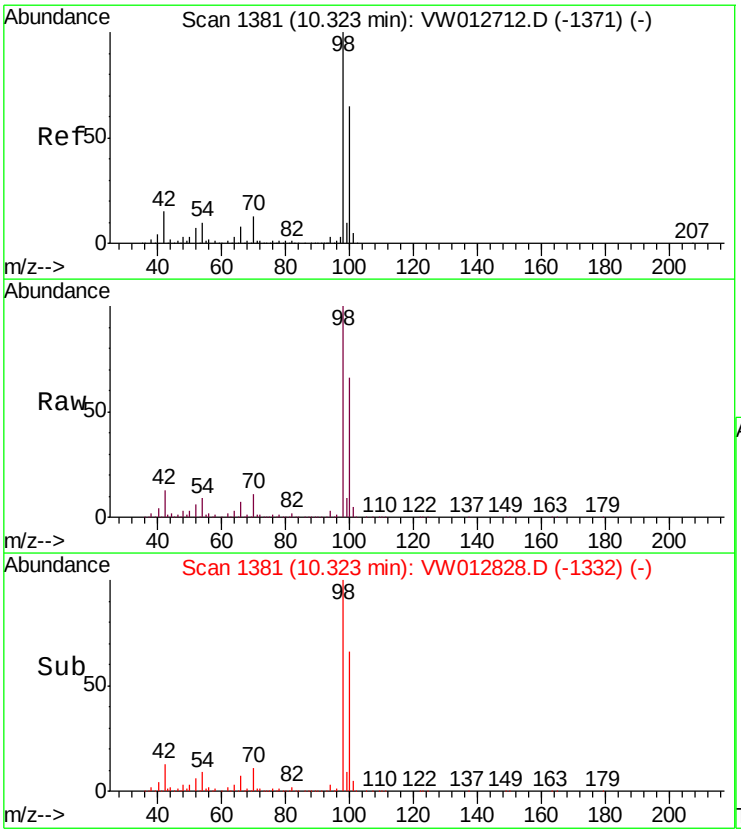
#49
1,4-Dioxane
Concen: 2.419 ug/l
RT: 9.20 min Scan# 1197
Delta R.T. -0.24 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-E1-(0)

Tgt Ion: 88 Resp: 55

Ion	Ratio	Lower	Upper
88	100		
43	236.4	34.8	52.2#
58	0.0	64.1	96.1#

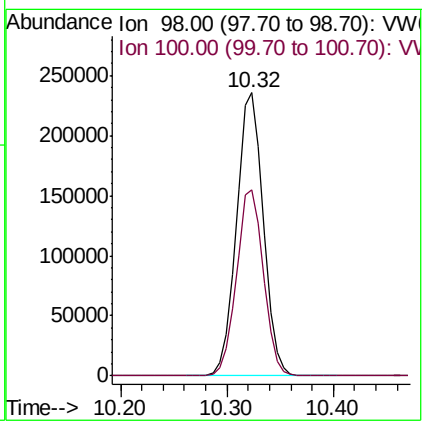


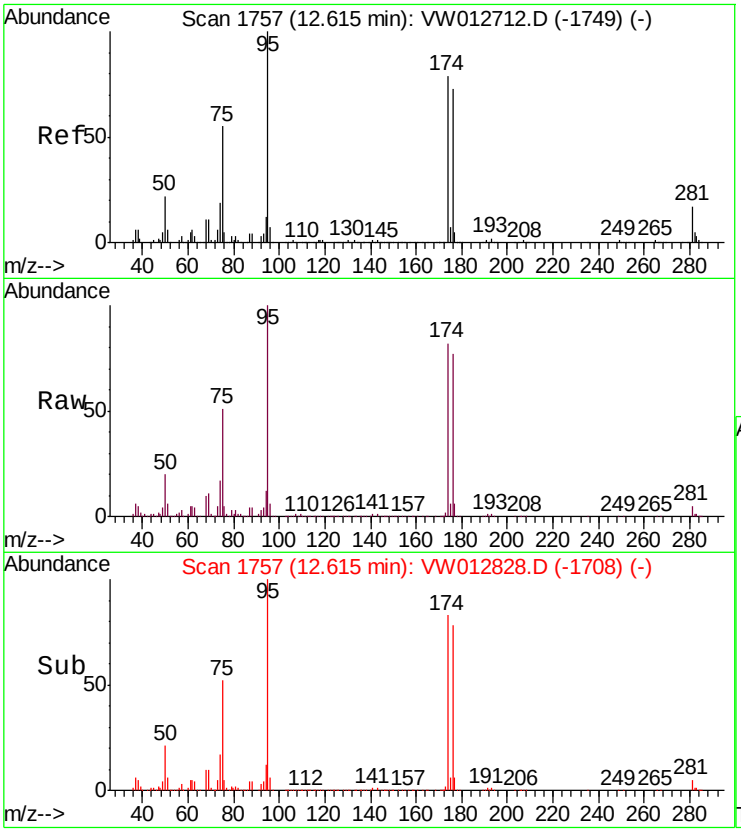


#50
Toluene-d8
Concen: 50.426 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Tgt Ion: 98 Resp: 417621

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.2	78.4



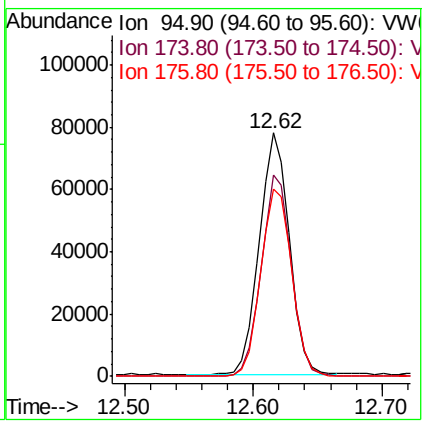


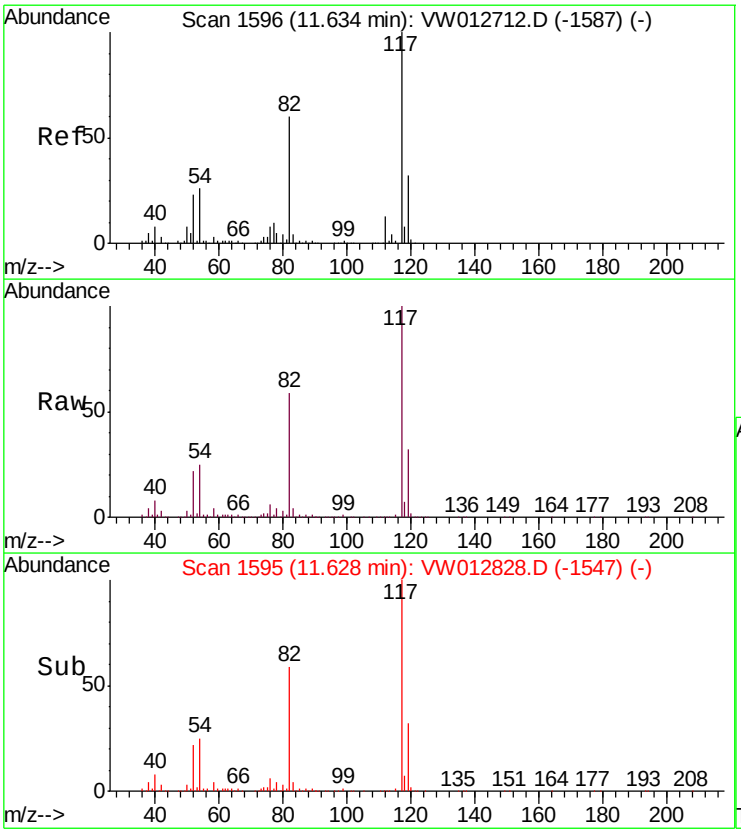
#62
4-Bromofluorobenzene
Concen: 41.712 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-E1-(0)

Tgt Ion: 95 Resp: 125410

Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	161.0
176	80.2	0.0	156.4

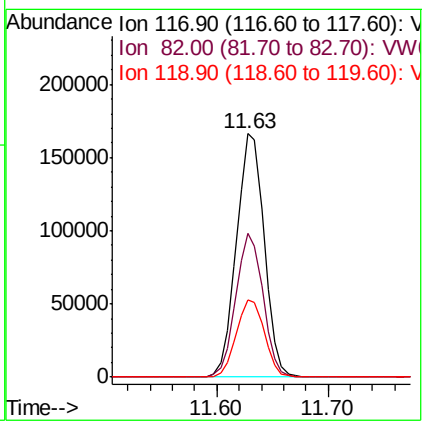


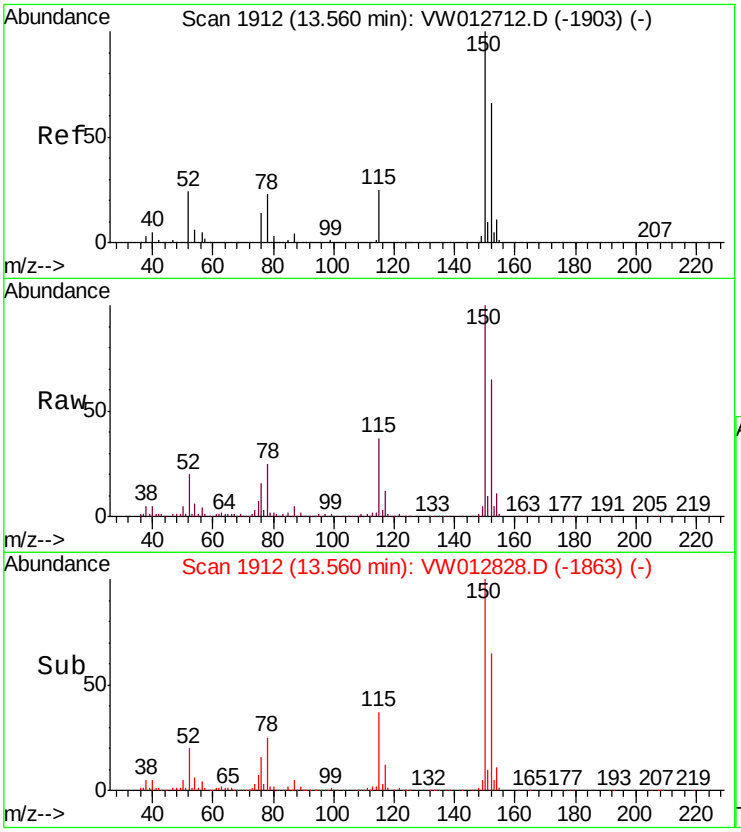


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Tgt Ion:117 Resp: 287445

Ion	Ratio	Lower	Upper
117	100		
82	58.8	48.2	72.4
119	31.7	25.8	38.6



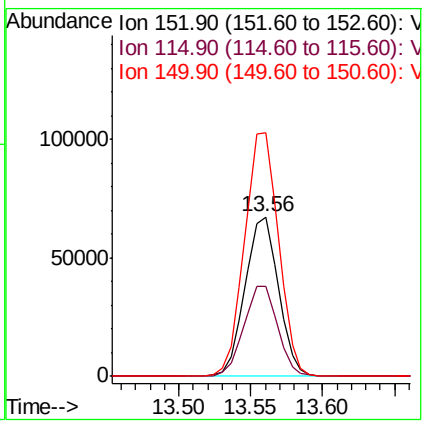


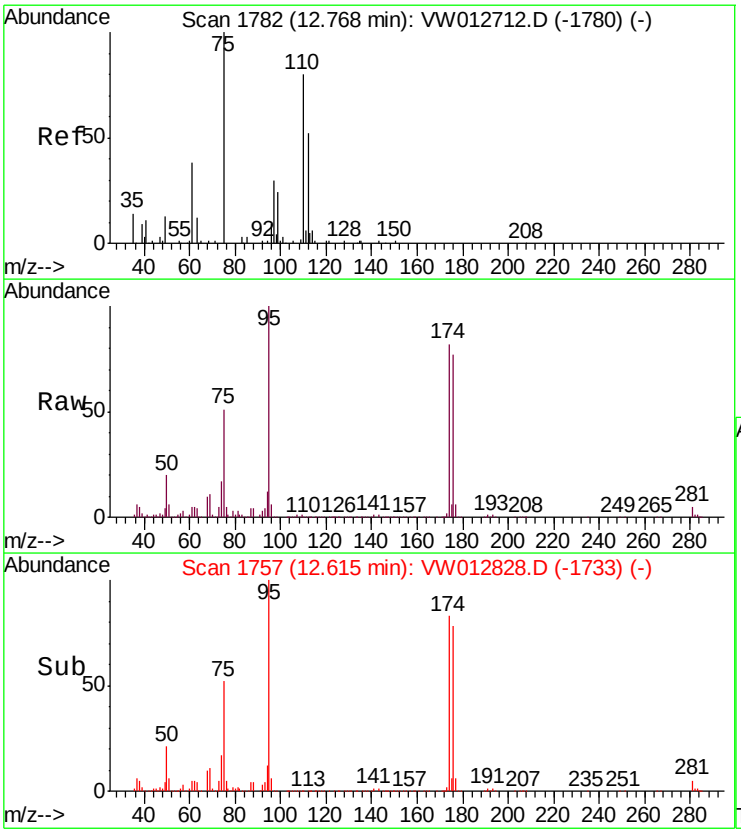
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-E1-(0)

Tgt Ion:152 Resp: 107557

Ion	Ratio	Lower	Upper
152	100		
115	57.8	30.0	90.1
150	156.4	0.0	349.0

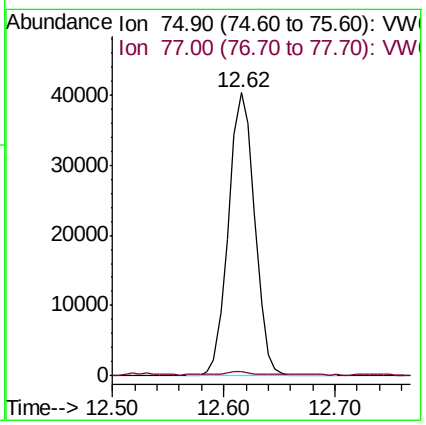


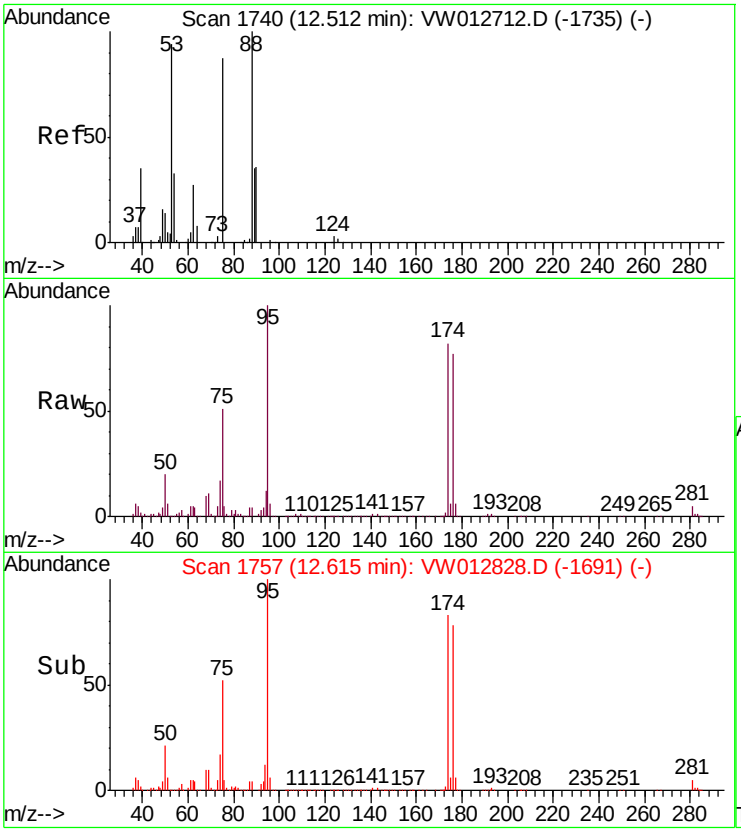


#76
1,2,3-Trichloropropane
Concen: 59.771 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Tgt Ion: 75 Resp: 65737

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



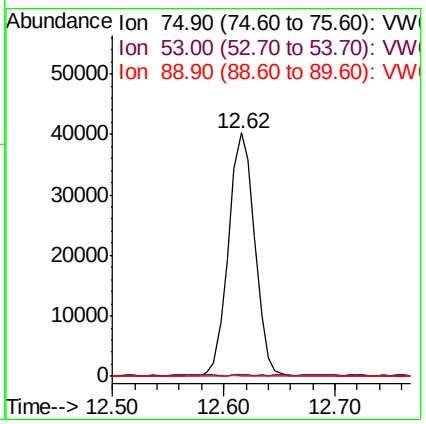


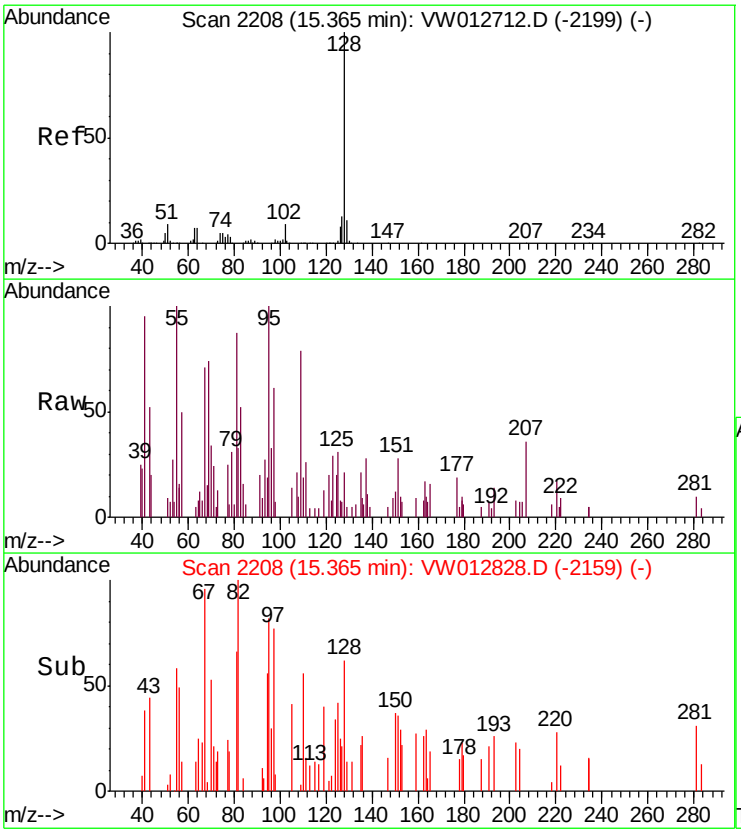
#81
trans-1,4-Dichloro-2-butene
Concen: 126.419 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-E1-(0)

Tgt Ion: 75 Resp: 65737

Ion	Ratio	Lower	Upper
75	100		
53	0.3	87.6	131.4#
89	0.1	35.5	53.3#





#95
Naphthalene
Concen: 4.547 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Tgt Ion:128 Resp: 534

Ion	Ratio	Lower	Upper
128	100		
127	18.5	10.7	16.1#
129	19.9	8.7	13.1#