Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092520\
Data File : VD066894.D
Acq On : 26 Sep 2020 02:11
Operator : VA/SY
Sample : L4154-04
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : DUP-1

Quant Time: Sep 26 06:39:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.98	168	490265	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.86	114	840762	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.64	117	870676	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	415979	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.33	65	234351	48.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.68%				
35) Dibromofluoromethane	7.91	113	255986	47.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.72%				
50) Toluene-d8	10.34	98	1026154	56.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 112.62%				
62) 4-Bromofluorobenzene	12.63	95	404300	64.80	ug/l		0.00
Spiked Amount 50.000			Recovery = 129.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.00	85	1059	Below Cal			91
11) Tert butyl alcohol	5.19	59	2227	Below Cal	#		72
16) Acetone	4.16	43	4974	4.886	ug/l	#	74
18) Methyl Acetate	4.50	43	82	Below Cal	#		50
20) Methylene Chloride	4.97	84	21319	Below Cal			95
23) Vinyl Acetate	6.27	43	54	2.679	ug/l	#	71
25) 2-Butanone	7.20	43	3387	2.769	ug/l	#	46
31) Cyclohexane	7.98	56	13459	1.543	ug/l	#	13
38) Carbon Tetrachloride	7.98	117	52053	5.708	ug/l	#	17
39) Methylcyclohexane	9.36	83	13251	1.384	ug/l		89
55) 1,1,2-Trichloroethane	10.77	97	11682	2.674	ug/l	#	28
56) Ethyl methacrylate	10.67	69	4826	1.031	ug/l	#	13
59) 2-Hexanone	10.95	43	15540	7.823	ug/l	#	29
68) m/p-Xylenes	11.85	106	50812	4.216	ug/l		97
69) o-Xylene	12.18	106	33671	3.090	ug/l		99
74) N-amyl acetate	12.27	43	38786	6.609	ug/l	#	67
76) 1,2,3-Trichloropropane	12.63	75	209378	60.737	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.96	105	98473	3.862	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.63	75	209378	151.958	ug/l	#	10
84) 1,2,4-Trimethylbenzene	13.27	105	168743	6.674	ug/l		100
85) sec-Butylbenzene	13.40	105	33188	1.102	ug/l		87
86) p-Isopropyltoluene	13.51	119	37689	1.388	ug/l		96
90) Hexachloroethane	14.11	117	15311	2.777	ug/l	#	18
95) Naphthalene	15.40	128	63176	4.976	ug/l	#	91

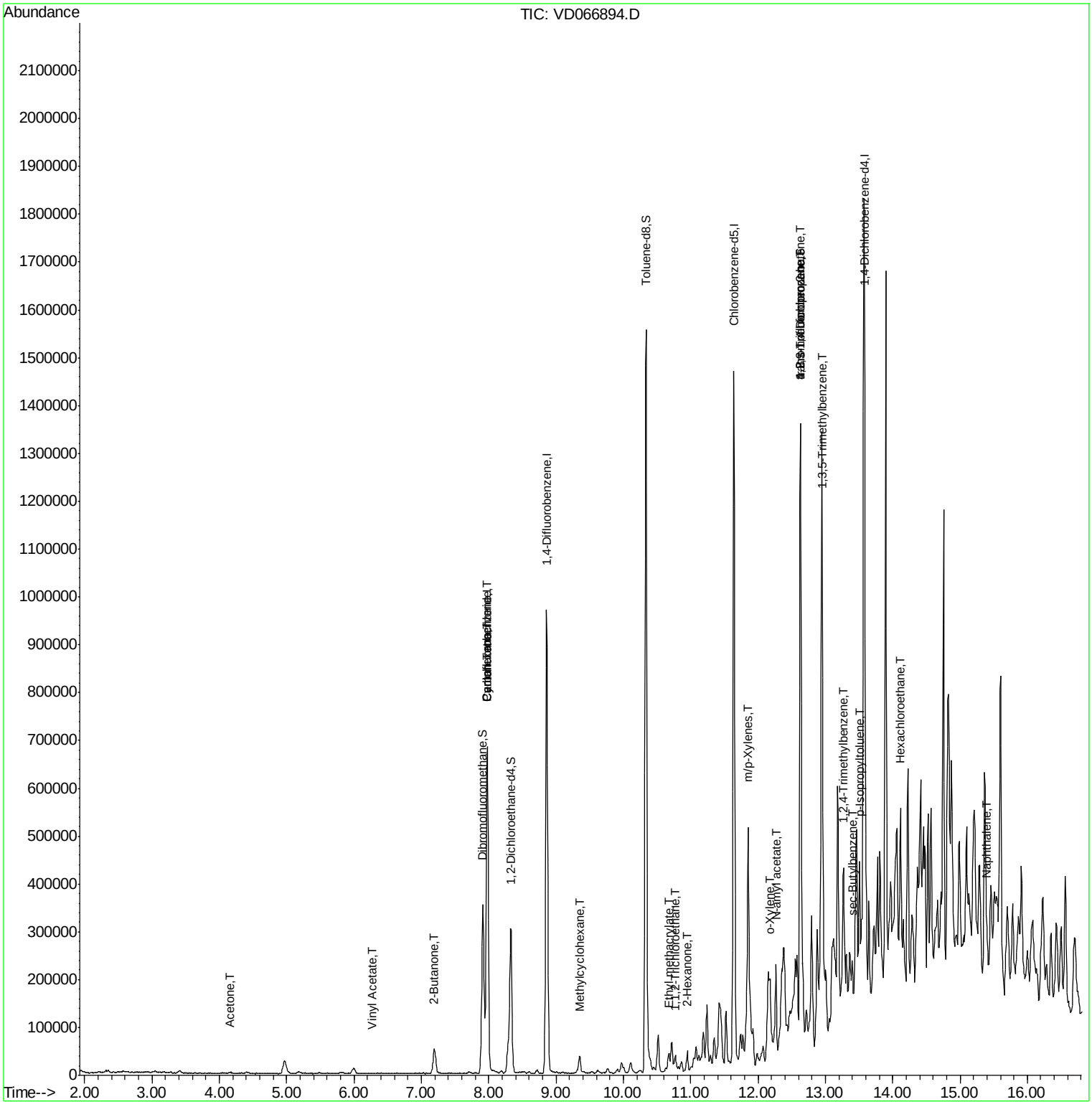
(#) = qualifier out of range (m) = manual integration (+) = signals summed

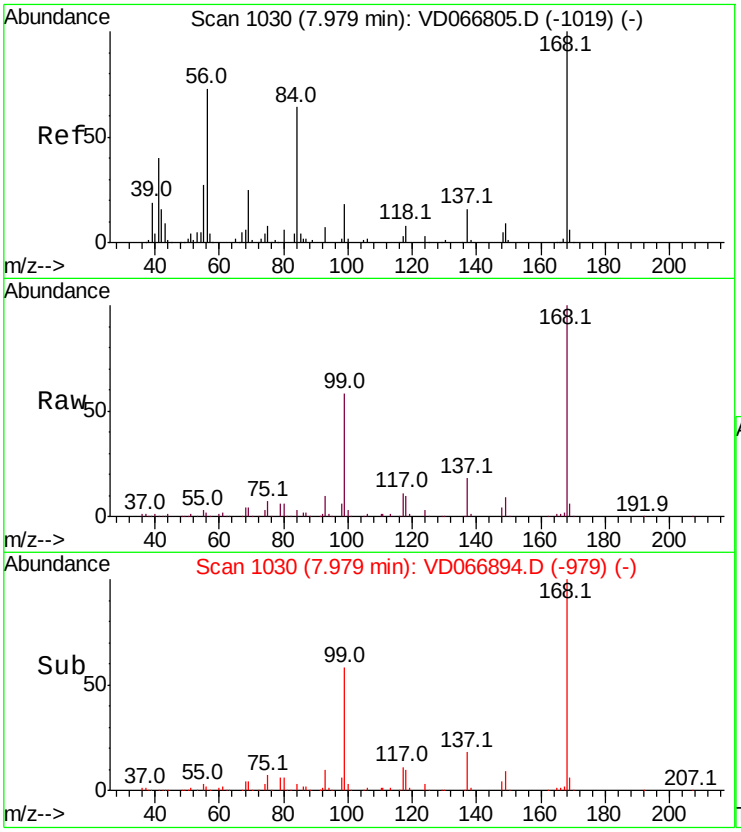
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092520\
Data File : VD066894.D
Acq On : 26 Sep 2020 02:11
Operator : VA/SY
Sample : L4154-04
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : DUP-1

Quant Time: Sep 26 06:39:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration



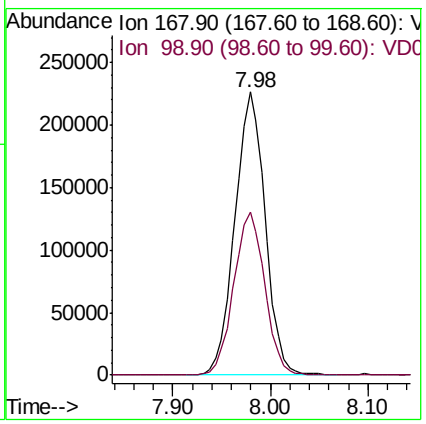


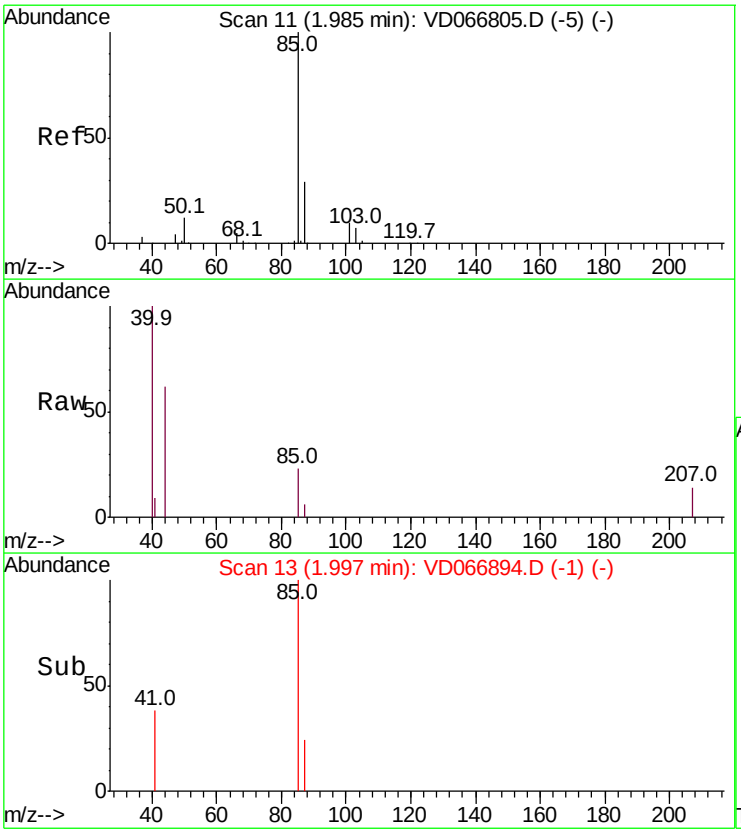
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Instrument : MSVOA_D
ClientSampleId : DUP-1

Tgt Ion:168 Resp: 490265

Ion	Ratio	Lower	Upper
168	100		
99	57.7	46.6	69.8

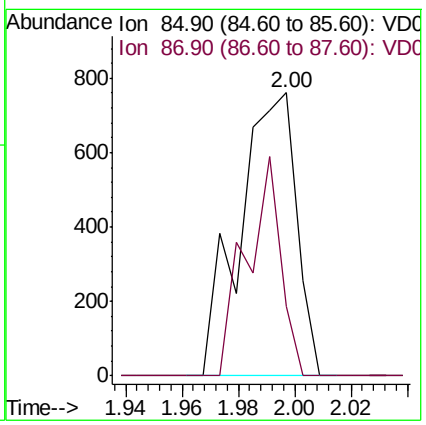


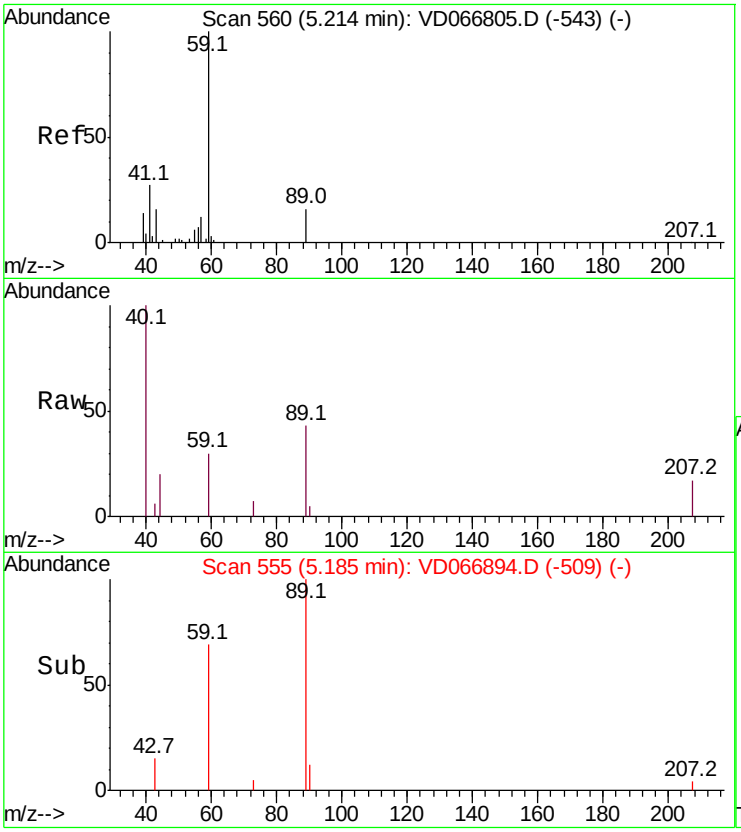


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.00 min Scan# 13
Delta R.T. 0.01 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Tgt Ion: 85 Resp: 1059

Ion	Ratio	Lower	Upper
85	100		
87	24.4	14.5	43.5



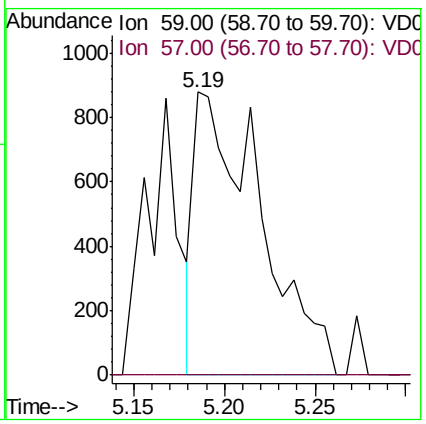


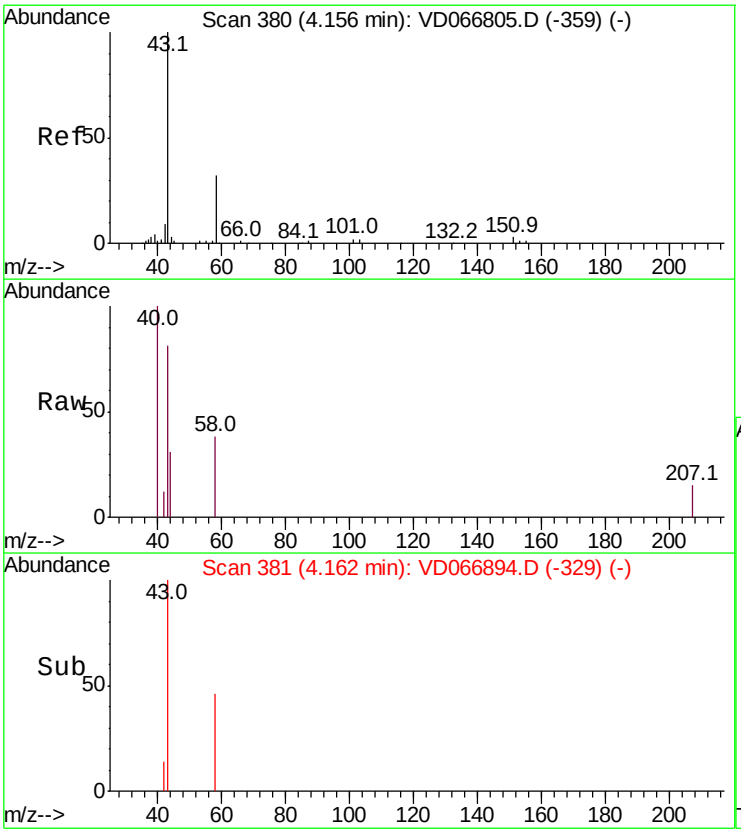
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.19 min Scan# 555
Delta R.T. -0.03 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Instrument : MSVOA_D
ClientSampleId : DUP-1

Tgt Ion: 59 Resp: 2227

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

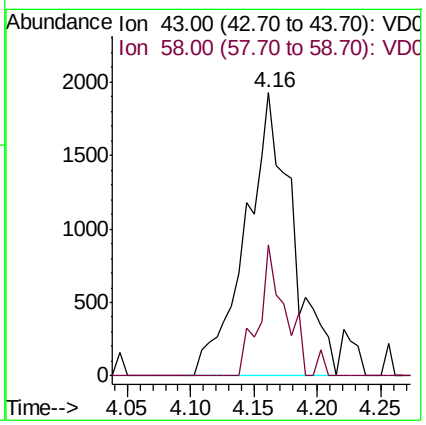


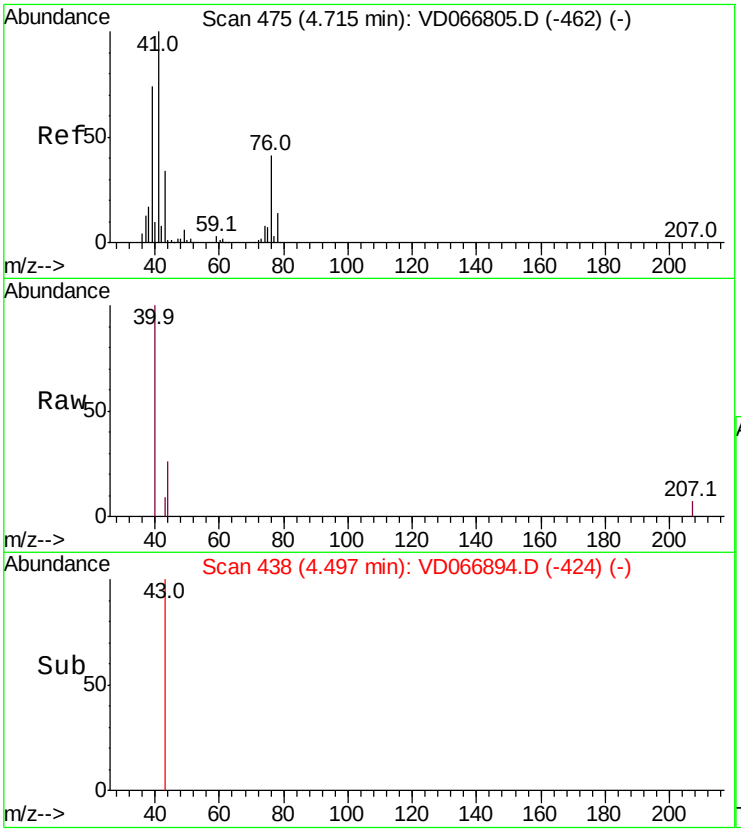


#16
Acetone
Concen: 4.886 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Tgt Ion: 43 Resp: 4974

Ion	Ratio	Lower	Upper
43	100		
58	46.5	25.6	38.4#



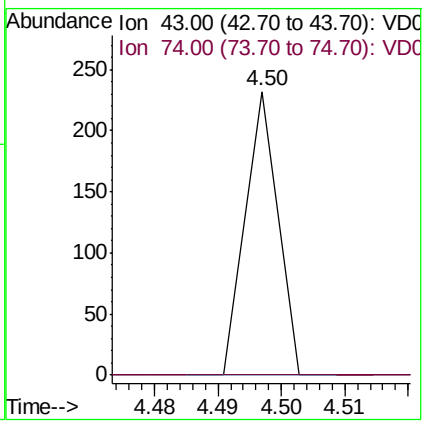


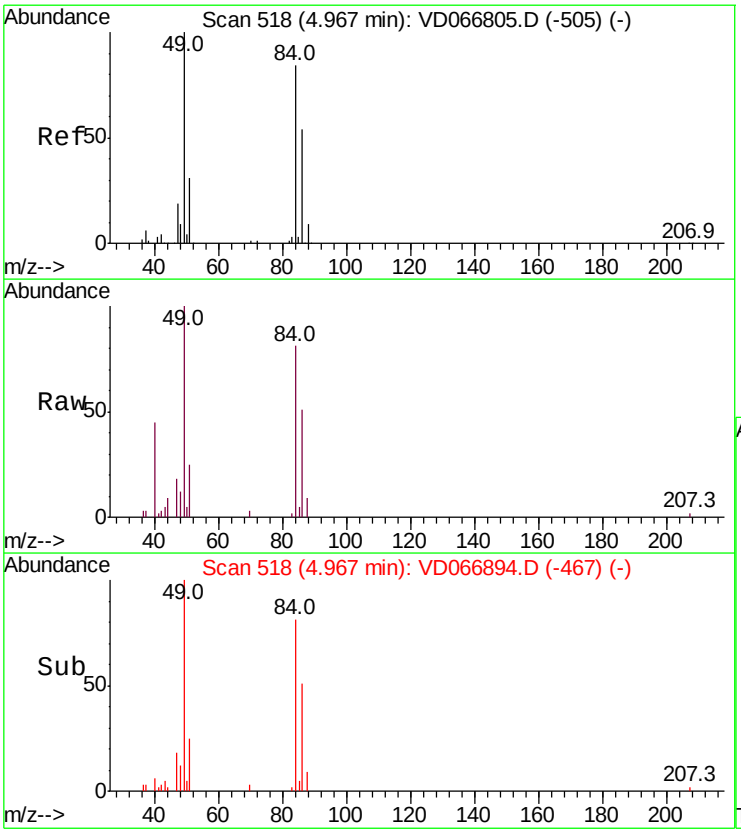
#18
Methyl Acetate
Concen: Below Cal
RT: 4.50 min Scan# 438
Delta R.T. -0.22 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Instrument :
MSVOA_D
ClientSampleId :
DUP-1

Tgt Ion: 43 Resp: 82

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.3	30.5#

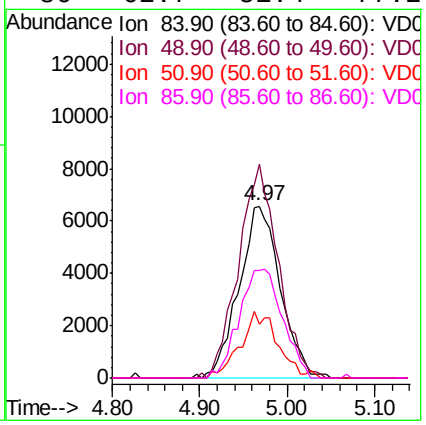


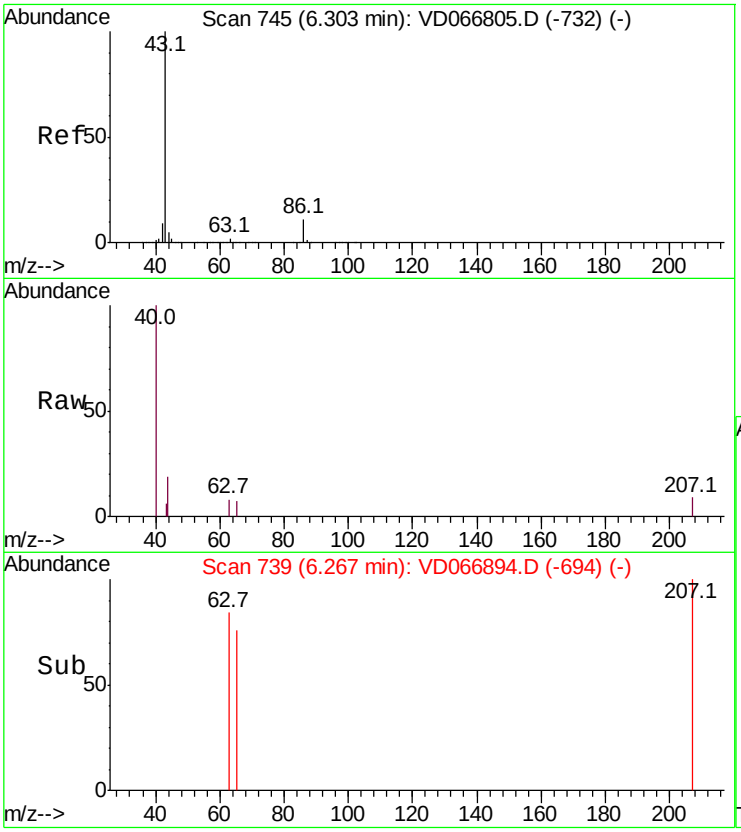


#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Tgt Ion: 84 Resp: 21319

Ion	Ratio	Lower	Upper
84	100		
49	124.1	95.4	143.2
51	31.3	29.7	44.5
86	62.7	51.4	77.2



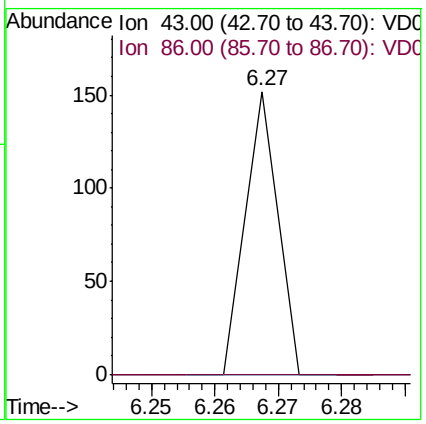


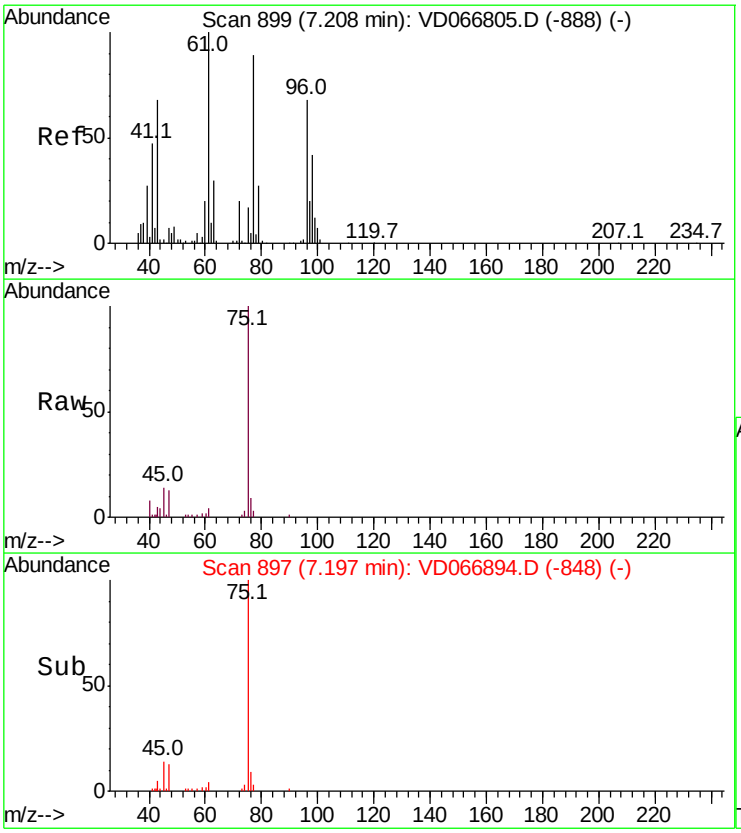
#23
Vinyl Acetate
Concen: 2.679 ug/l
RT: 6.27 min Scan# 739
Delta R.T. -0.03 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Instrument : MSVOA_D
ClientSampleId : DUP-1

Tgt Ion: 43 Resp: 54

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.9	13.3#

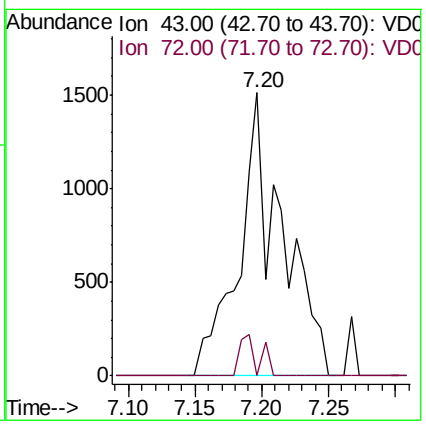


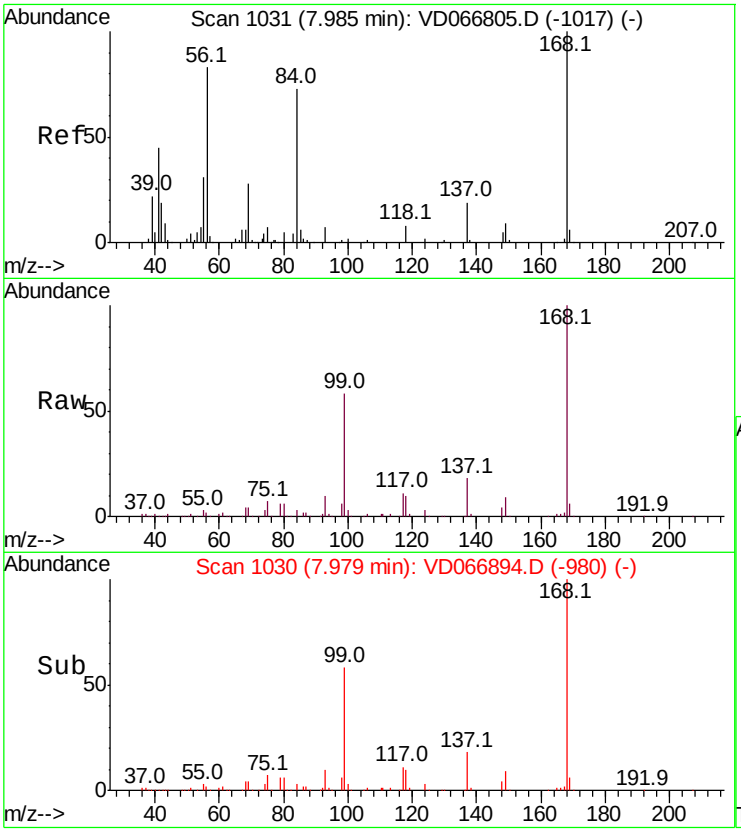


#25
2-Butanone
Concen: 2.769 ug/l
RT: 7.20 min Scan# 897
Delta R.T. -0.01 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Tgt Ion: 43 Resp: 3387

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.9	34.3#



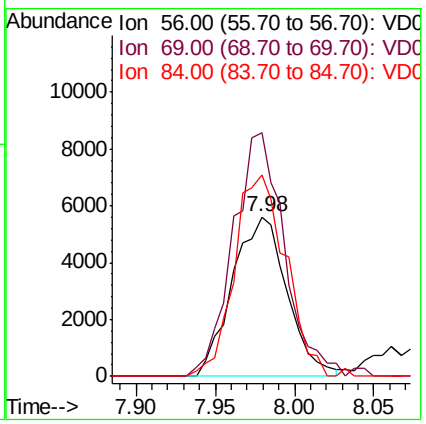


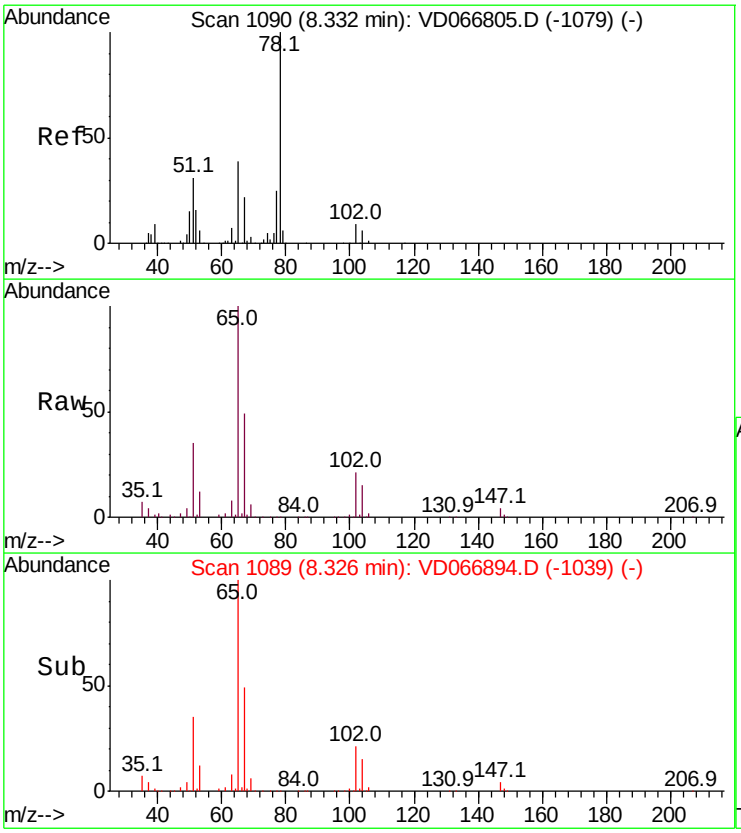
#31
Cyclohexane
Concen: 1.543 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Instrument : MSVOA_D
ClientSampleId : DUP-1

Tgt Ion: 56 Resp: 13459

Ion	Ratio	Lower	Upper
56	100		
69	152.5	27.0	40.4#
84	125.8	70.2	105.4#

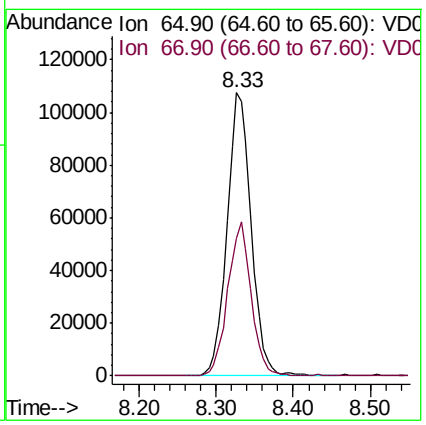


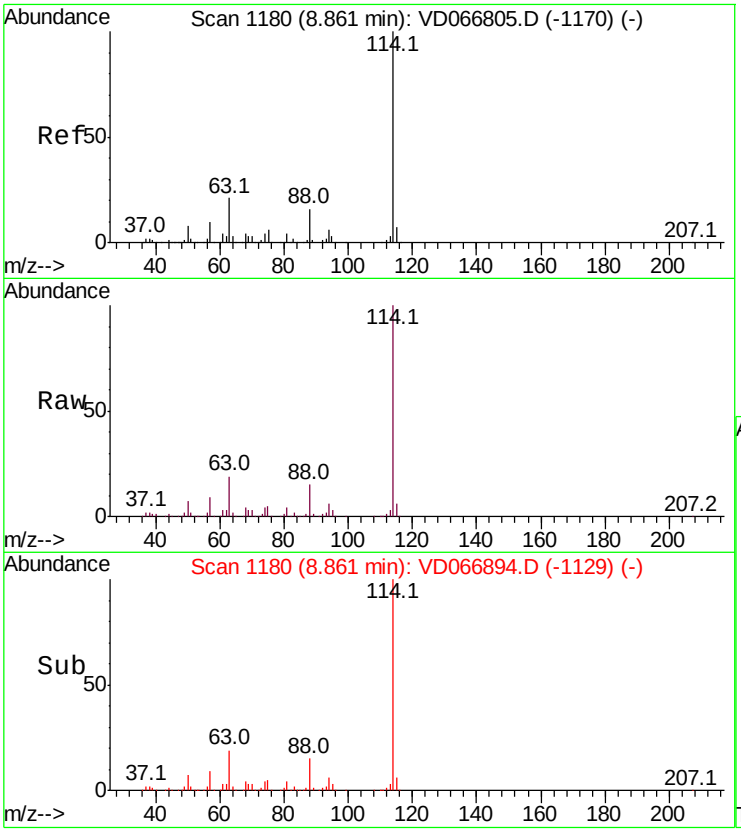


#33
1,2-Dichloroethane-d4
Concen: 48.838 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Tgt Ion: 65 Resp: 234351

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.2



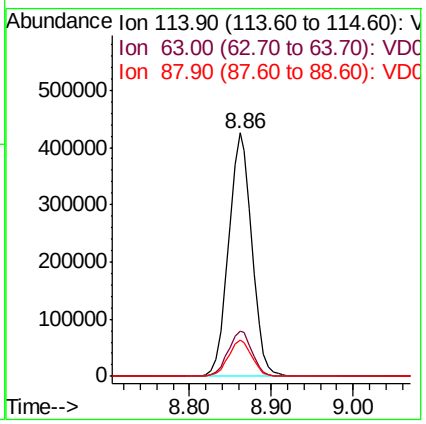


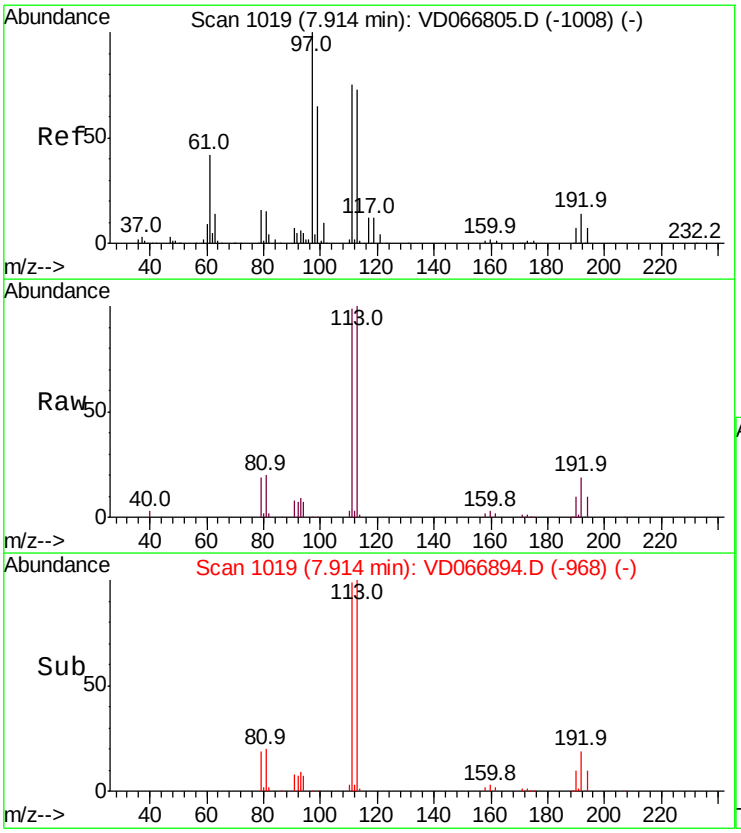
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Instrument :
MSVOA_D
ClientSampleId :
DUP-1

Tgt Ion:114 Resp: 840762

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	42.6
88	14.7	0.0	32.6

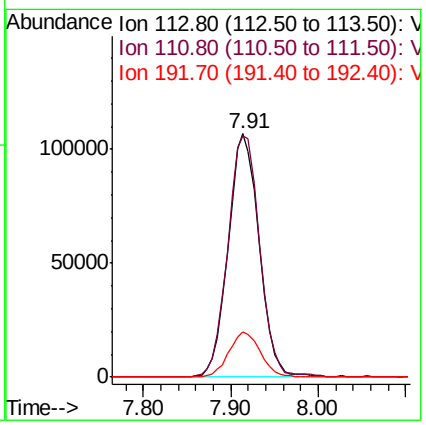


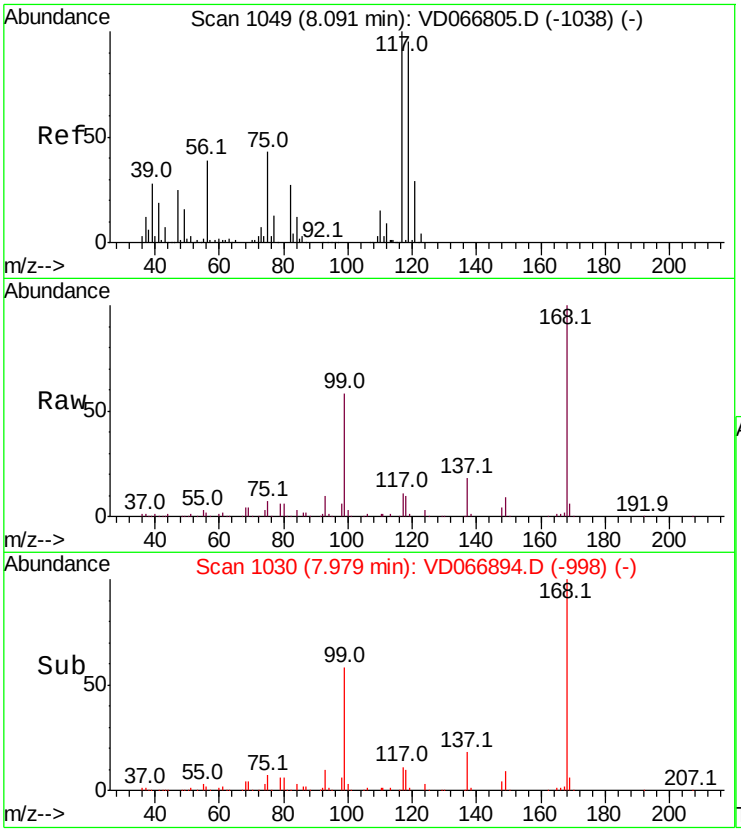


#35
Dibromofluoromethane
Concen: 47.857 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Tgt Ion:113 Resp: 255986

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.8
192	18.6	14.4	21.6



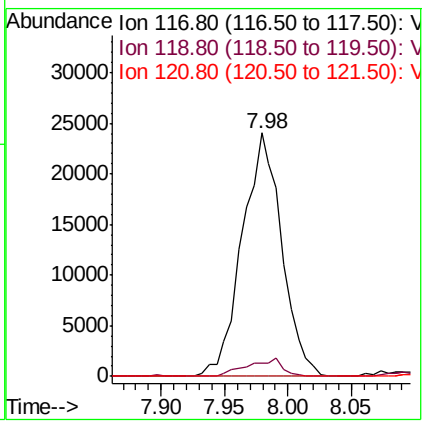


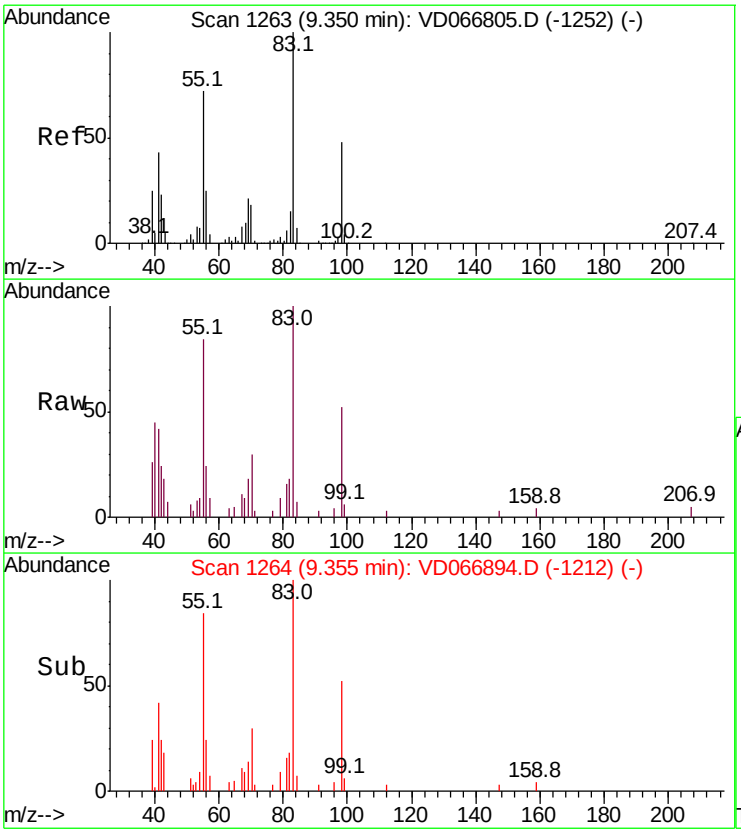
#38
Carbon Tetrachloride
Concen: 5.708 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.11 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Instrument :
MSVOA_D
ClientSampleId :
DUP-1

Tgt Ion:117 Resp: 52053

Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.8	113.8#
121	0.0	23.4	35.0#

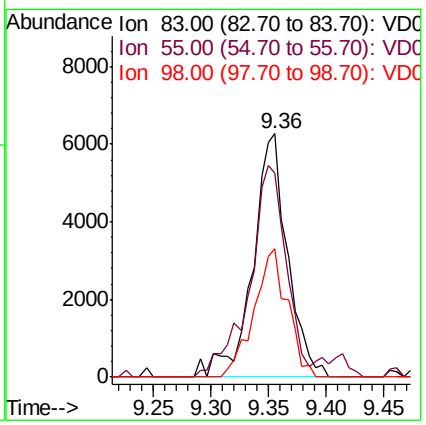


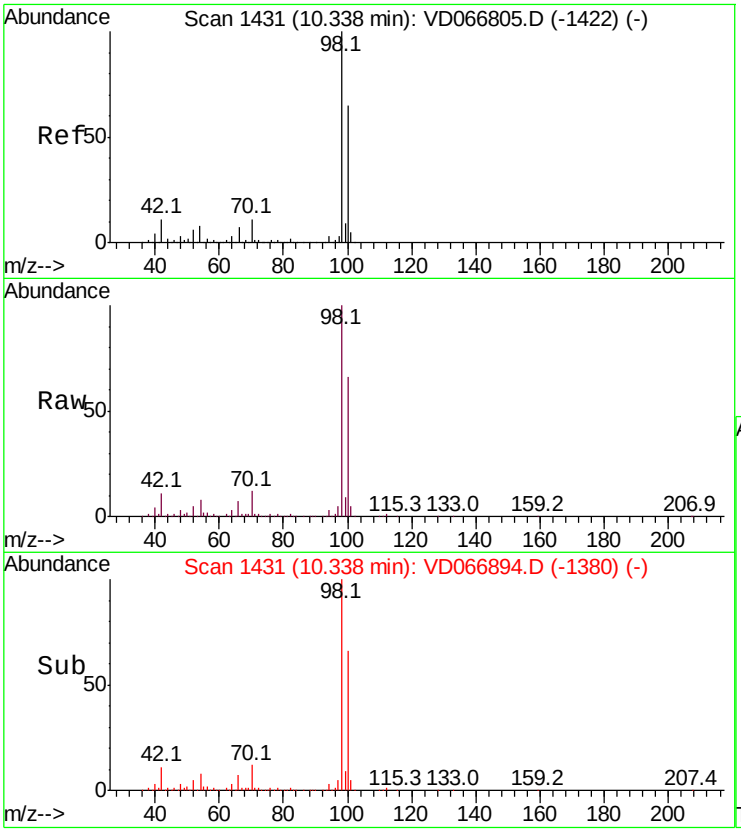


#39
Methylcyclohexane
Concen: 1.384 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Tgt Ion: 83 Resp: 13251

Ion	Ratio	Lower	Upper
83	100		
55	83.7	57.7	86.5
98	52.5	38.4	57.6



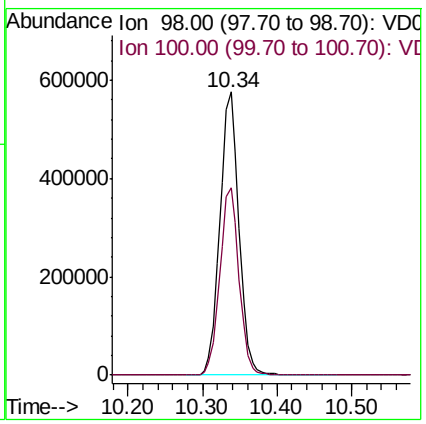


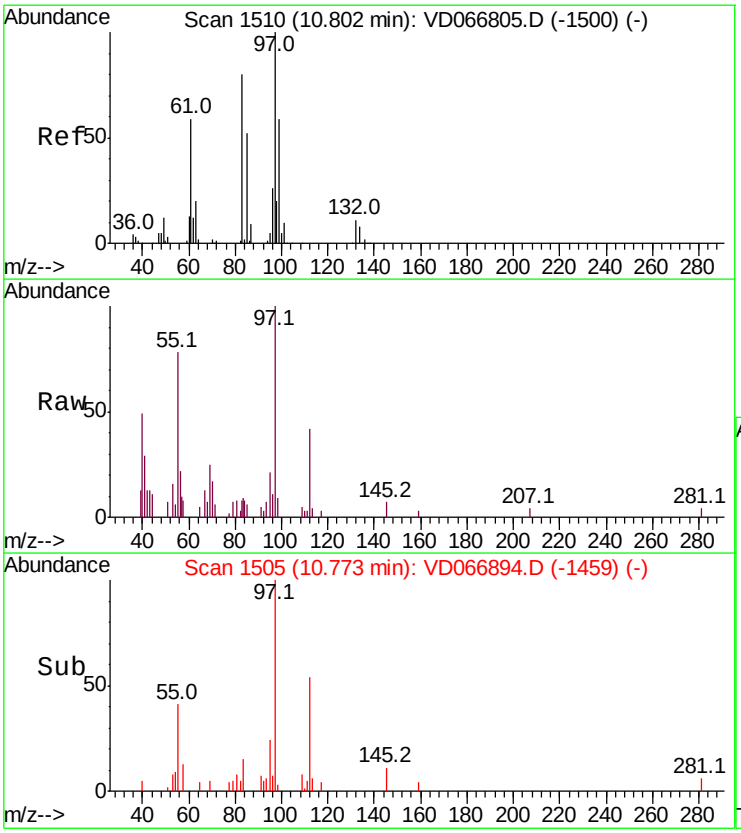
#50
Toluene-d8
Concen: 56.306 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Instrument :
MSVOA_D
ClientSampleId :
DUP-1

Tgt Ion: 98 Resp: 1026154

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.2	78.2

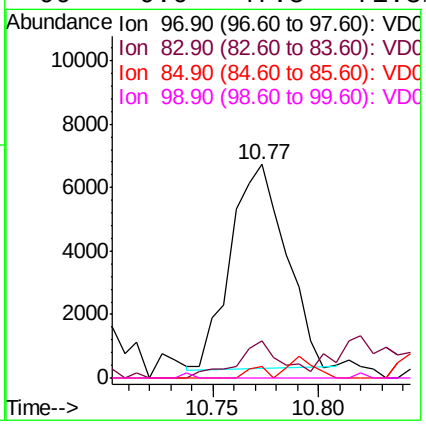


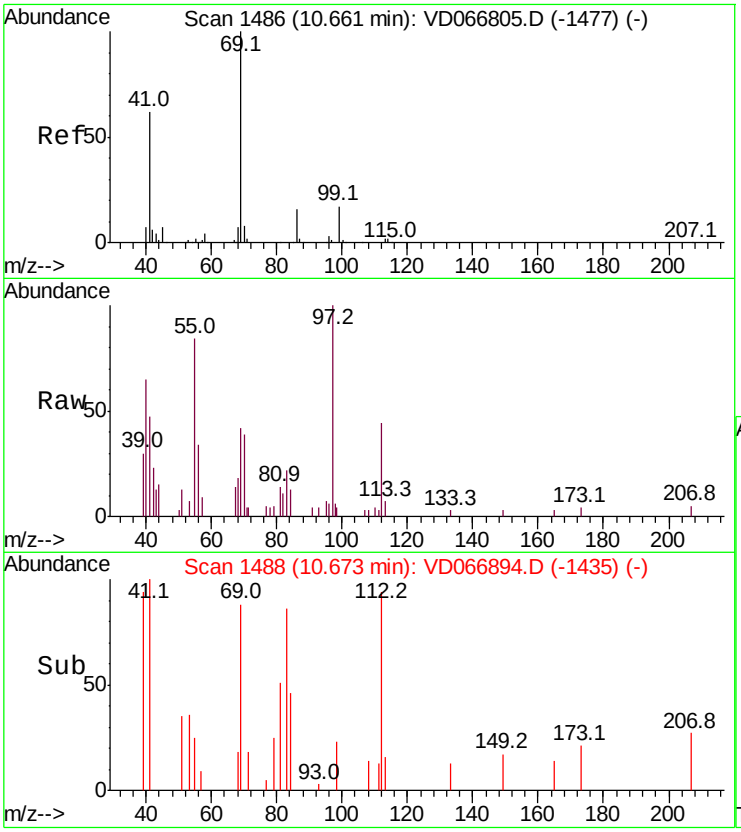


#55
1,1,2-Trichloroethane
Concen: 2.674 ug/l
RT: 10.77 min Scan# 1505
Delta R.T. -0.03 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Tgt Ion: 97 Resp: 11682

Ion	Ratio	Lower	Upper
97	100		
83	18.1	64.2	96.2#
85	5.9	41.9	62.9#
99	0.0	47.5	71.3#



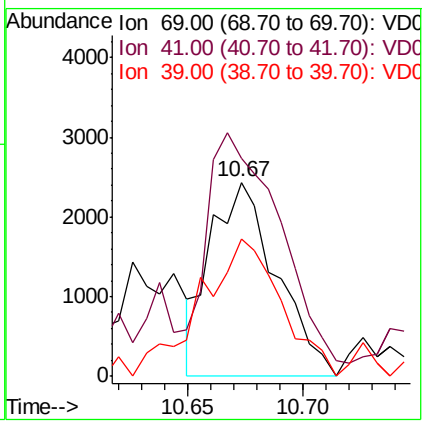


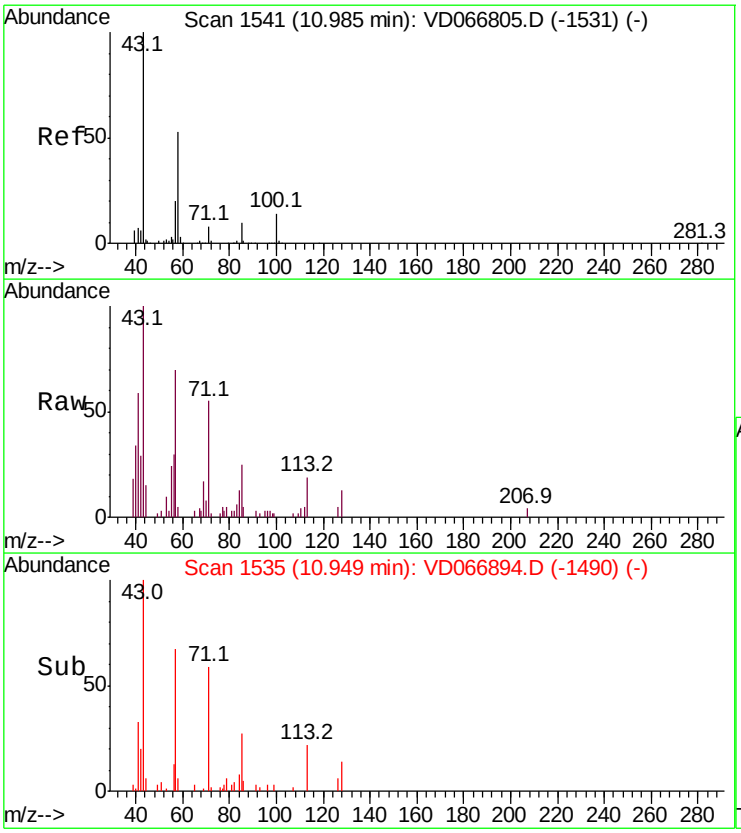
#56
Ethyl methacrylate
Concen: 1.031 ug/l
RT: 10.67 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Instrument :
MSVOA_D
ClientSampleId :
DUP-1

Tgt Ion: 69 Resp: 4826

Ion	Ratio	Lower	Upper
69	100		
41	130.1	52.2	78.2#
39	88.6	26.6	40.0#

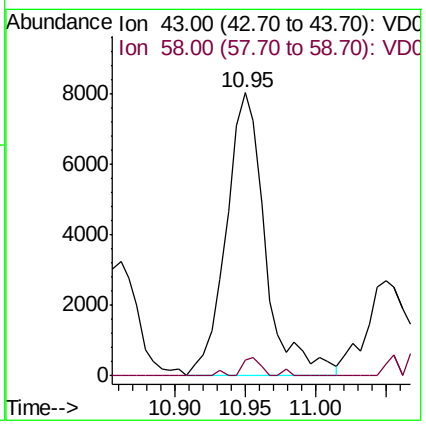


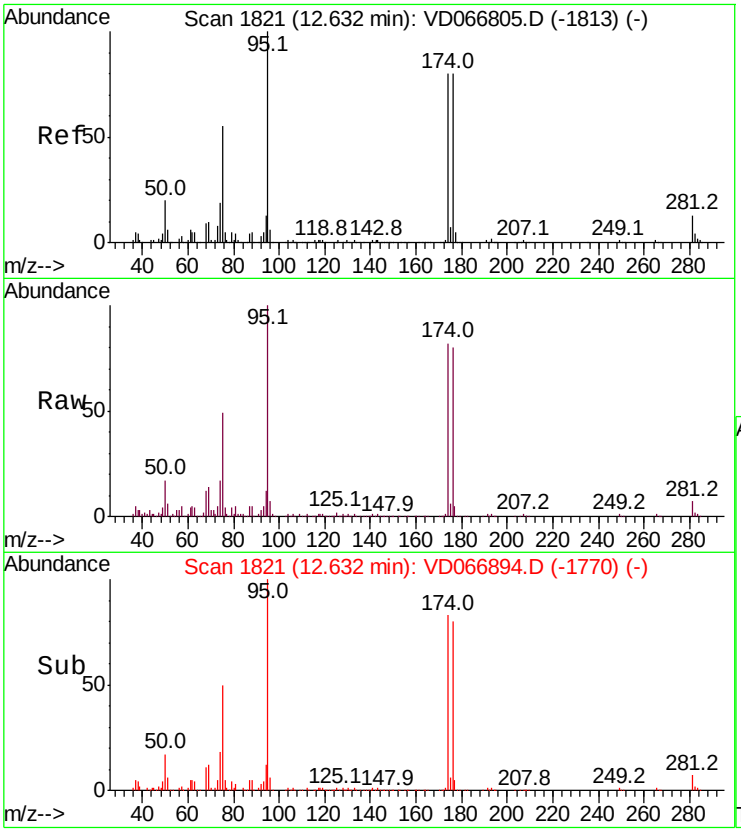


#59
2-Hexanone
Concen: 7.823 ug/l
RT: 10.95 min Scan# 1535
Delta R.T. -0.04 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Tgt Ion: 43 Resp: 15540

Ion	Ratio	Lower	Upper
43	100		
58	3.1	27.0	80.8#



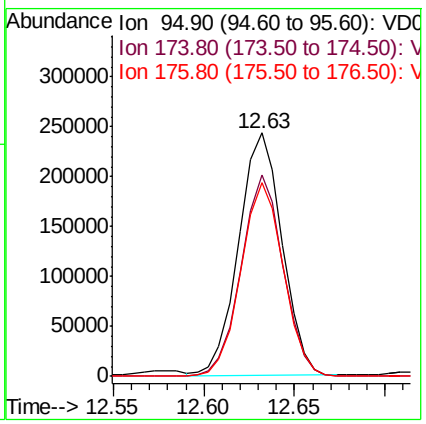


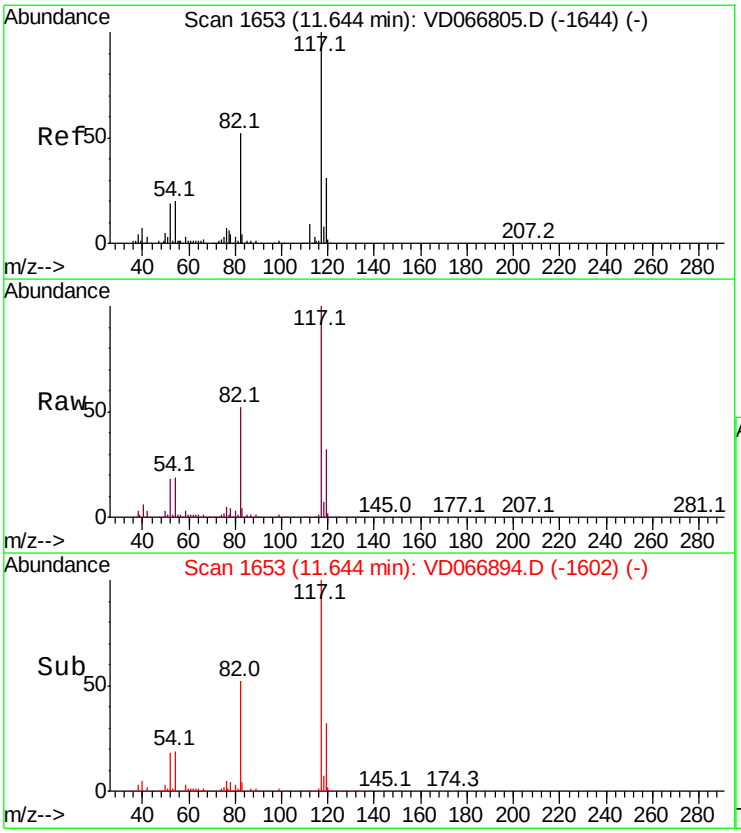
#62
4-Bromofluorobenzene
Concen: 64.802 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Instrument :
MSVOA_D
ClientSampleId :
DUP-1

Tgt Ion: 95 Resp: 404300

Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	159.8
176	78.1	0.0	154.4

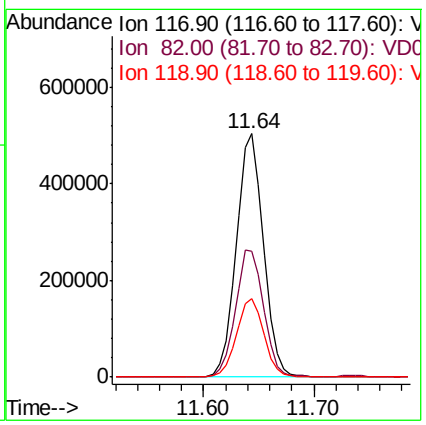


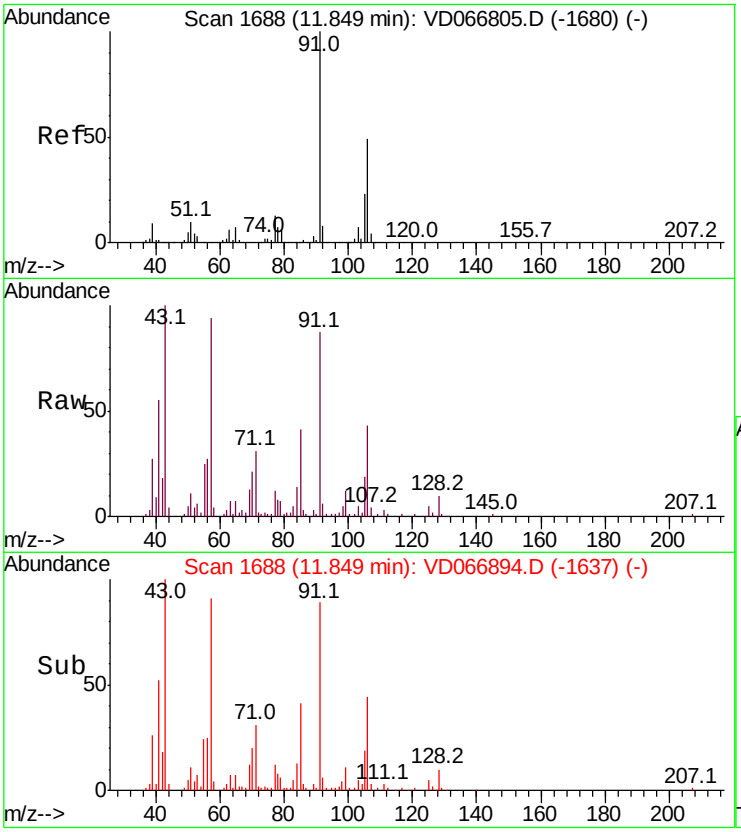


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Tgt Ion:117 Resp: 870676

Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.8	62.6
119	32.0	24.6	37.0



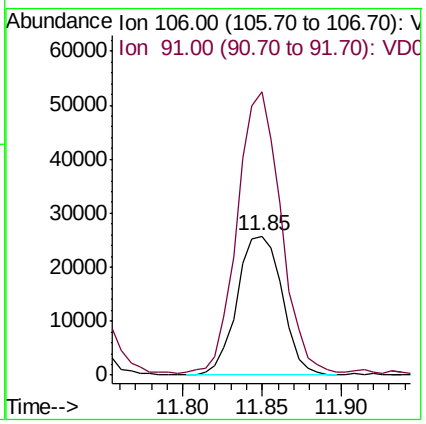


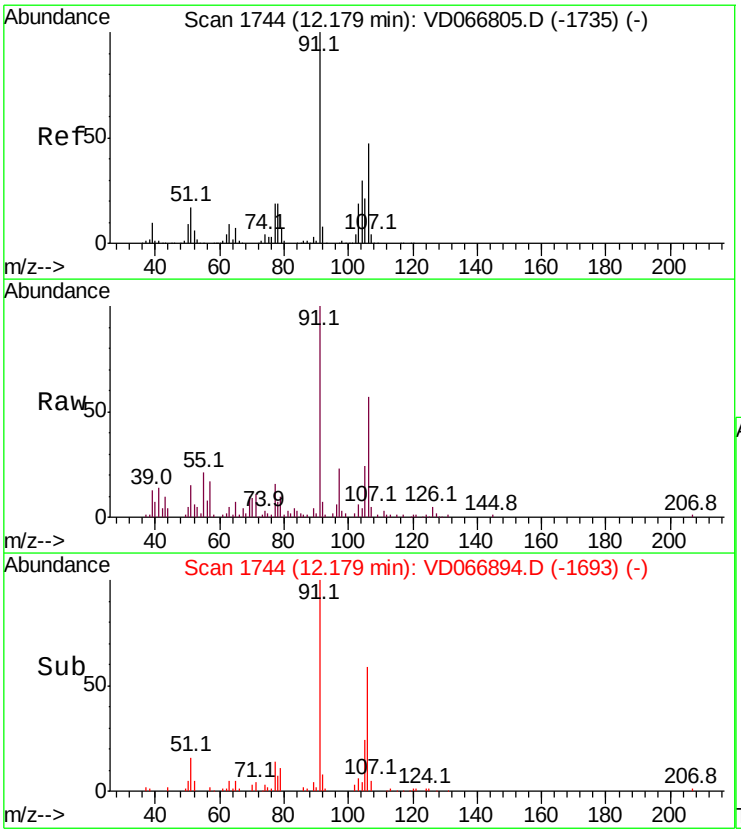
#68
m/p-Xylenes
Concen: 4.216 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Instrument : MSVOA_D
ClientSampleId : DUP-1

Tgt Ion:106 Resp: 50812

Ion	Ratio	Lower	Upper
106	100		
91	196.0	160.7	241.1

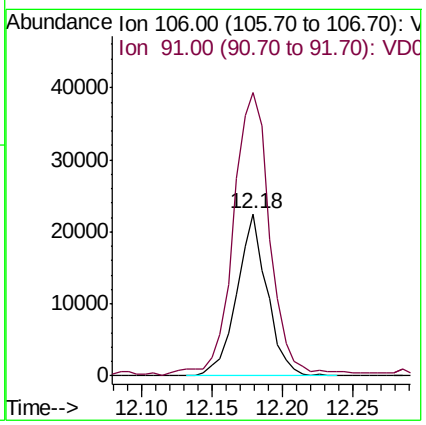


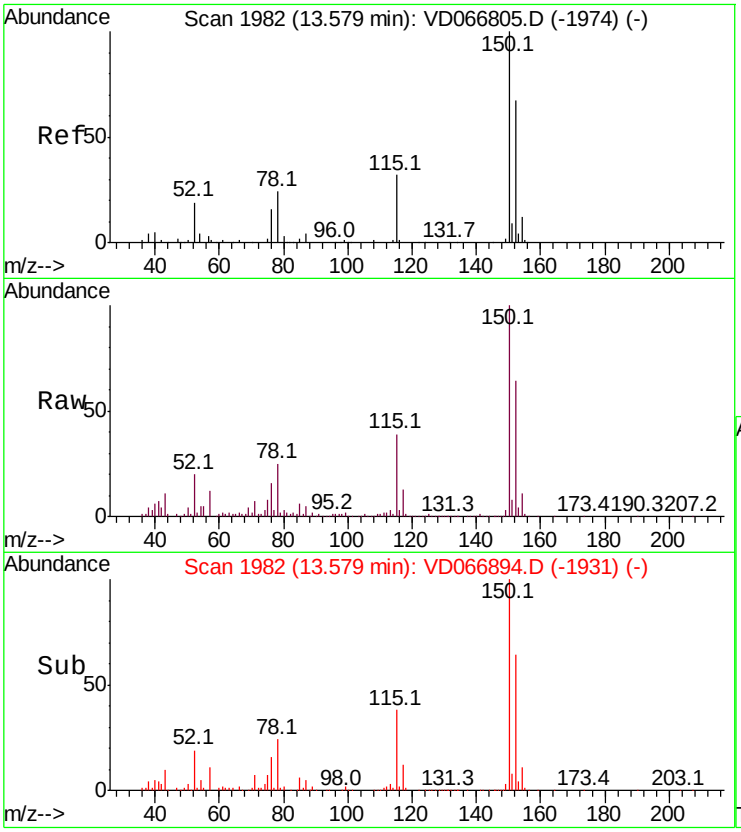


#69
o-Xylene
Concen: 3.090 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Tgt Ion:106 Resp: 33671

Ion	Ratio	Lower	Upper
106	100		
91	214.8	106.3	318.8



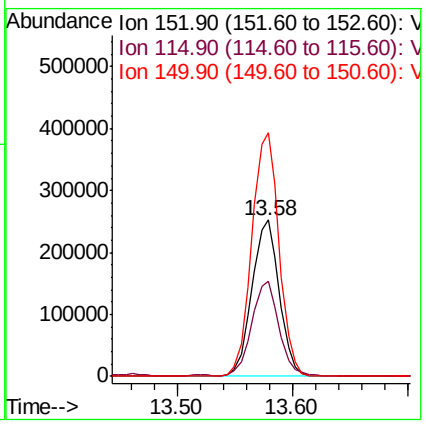


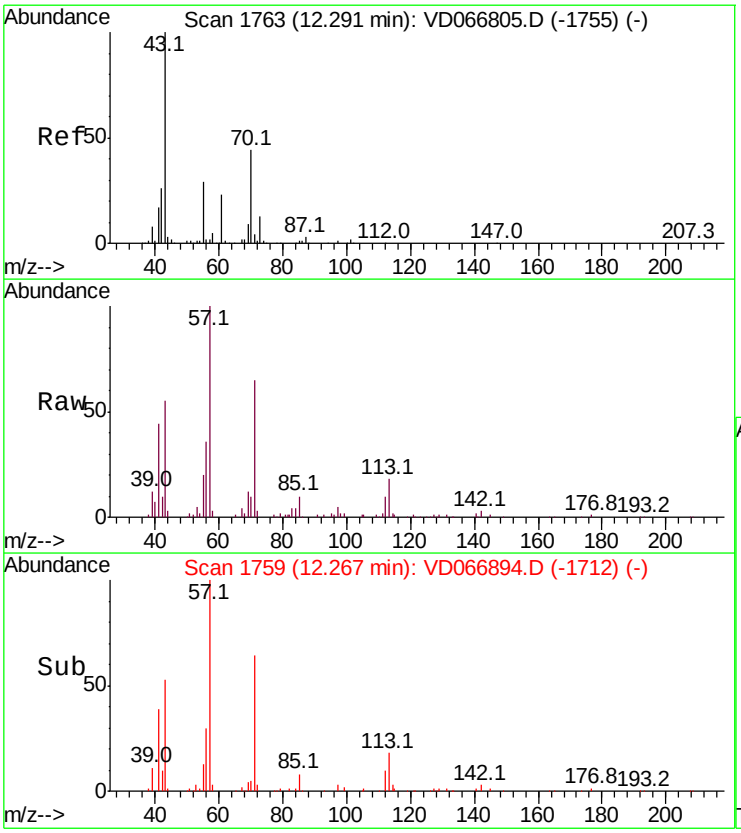
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Instrument : MSVOA_D
ClientSampleId : DUP-1

Tgt Ion:152 Resp: 415979

Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.3	91.0
150	155.1	0.0	346.2

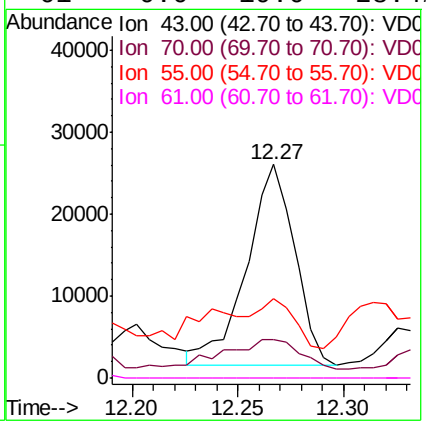


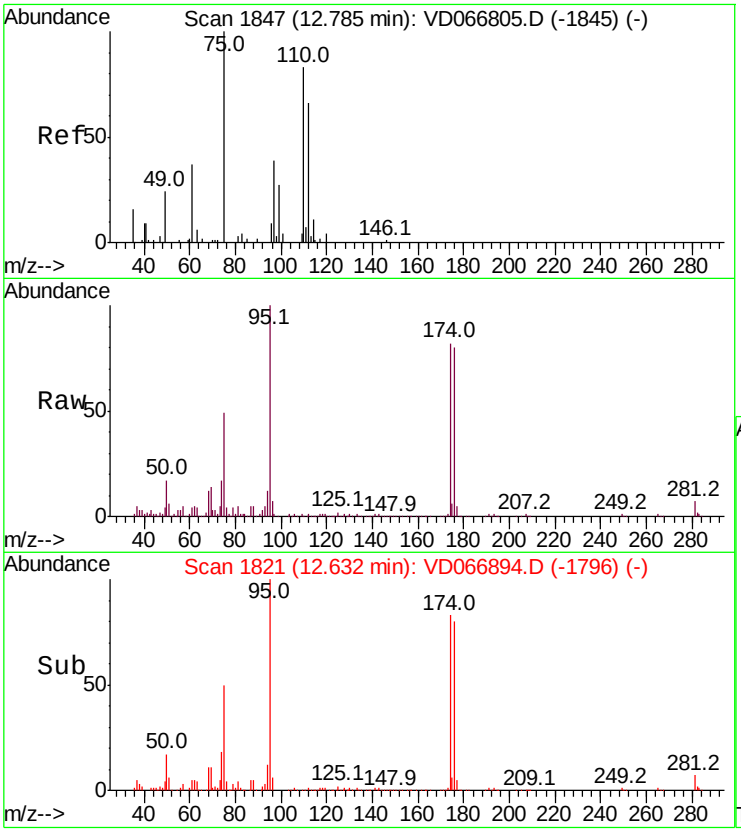


#74
N-amyl acetate
Concen: 6.609 ug/l
RT: 12.27 min Scan# 1759
Delta R.T. -0.02 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Tgt Ion: 43 Resp: 38786

Ion	Ratio	Lower	Upper
43	100		
70	22.9	36.1	54.1#
55	17.2	21.8	32.8#
61	0.0	19.0	28.4#



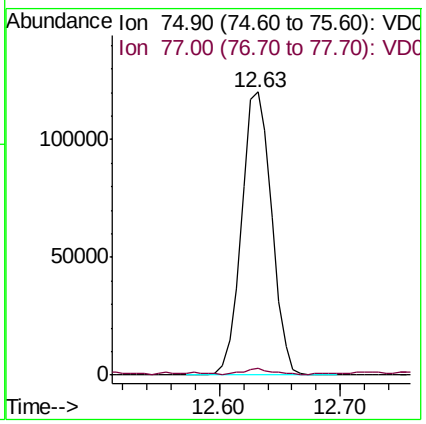


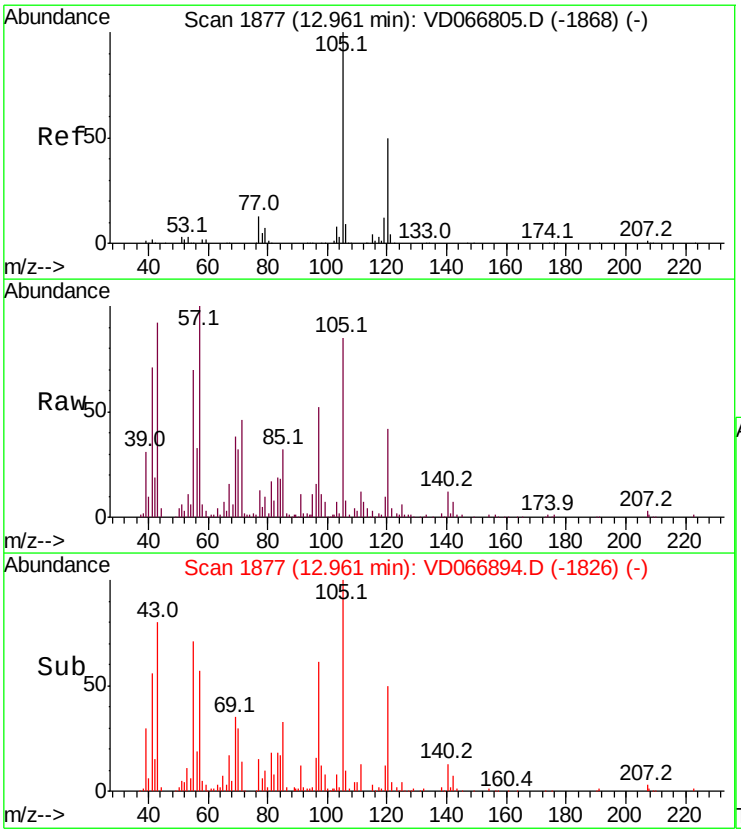
#76
1,2,3-Trichloropropane
Concen: 60.737 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Instrument :
MSVOA_D
ClientSampleId :
DUP-1

Tgt Ion: 75 Resp: 209378

Ion	Ratio	Lower	Upper
75	100		
77	1.8	0.0	0.0#

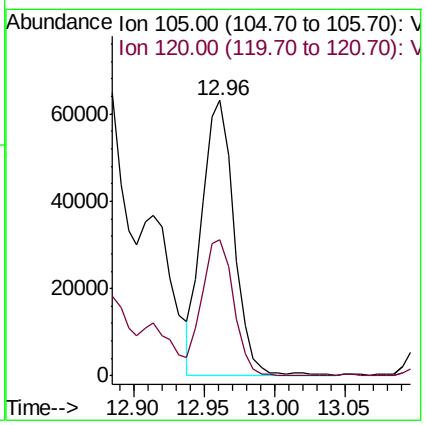


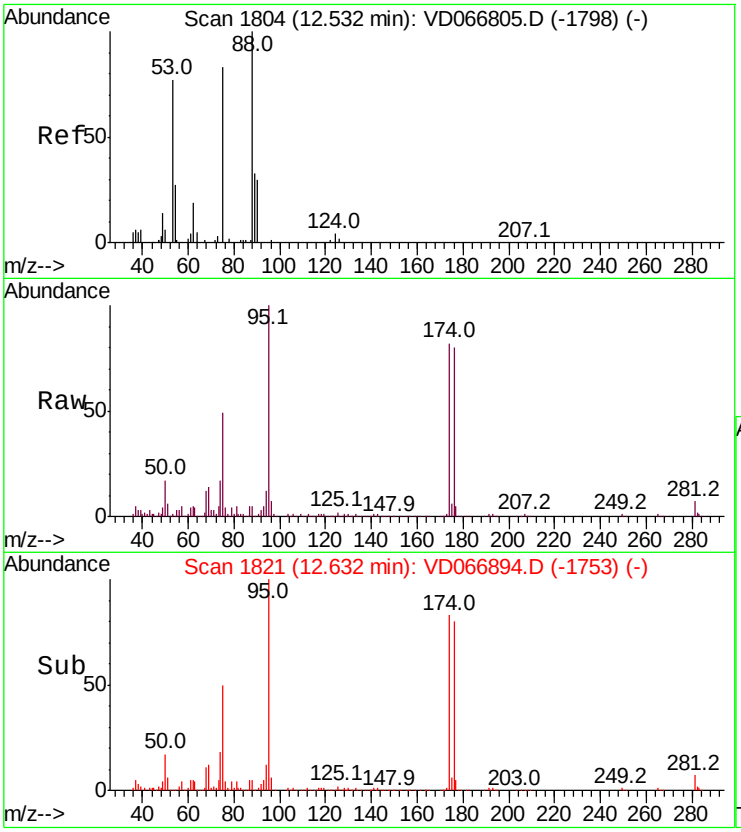


#80
1,3,5-Trimethylbenzene
Concen: 3.862 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Tgt Ion:105 Resp: 98473

Ion	Ratio	Lower	Upper
105	100		
120	49.4	24.4	73.4



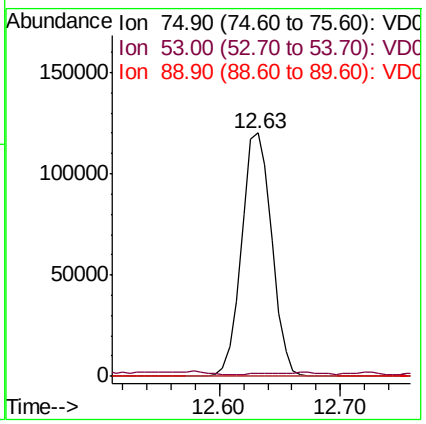


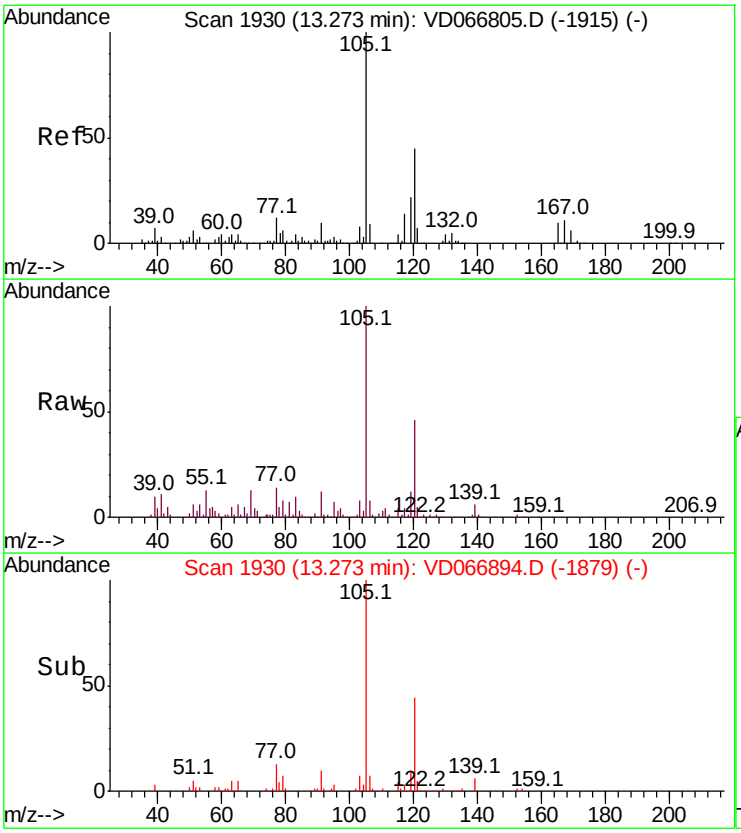
#81
trans-1,4-Dichloro-2-butene
Concen: 151.958 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Instrument :
MSVOA_D
ClientSampleId :
DUP-1

Tgt Ion: 75 Resp: 209378

Ion	Ratio	Lower	Upper
75	100		
53	0.5	78.5	117.7#
89	0.1	38.1	57.1#

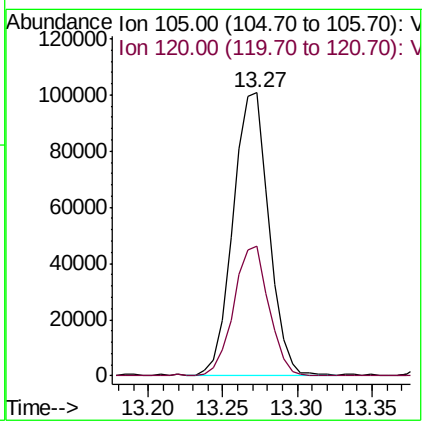


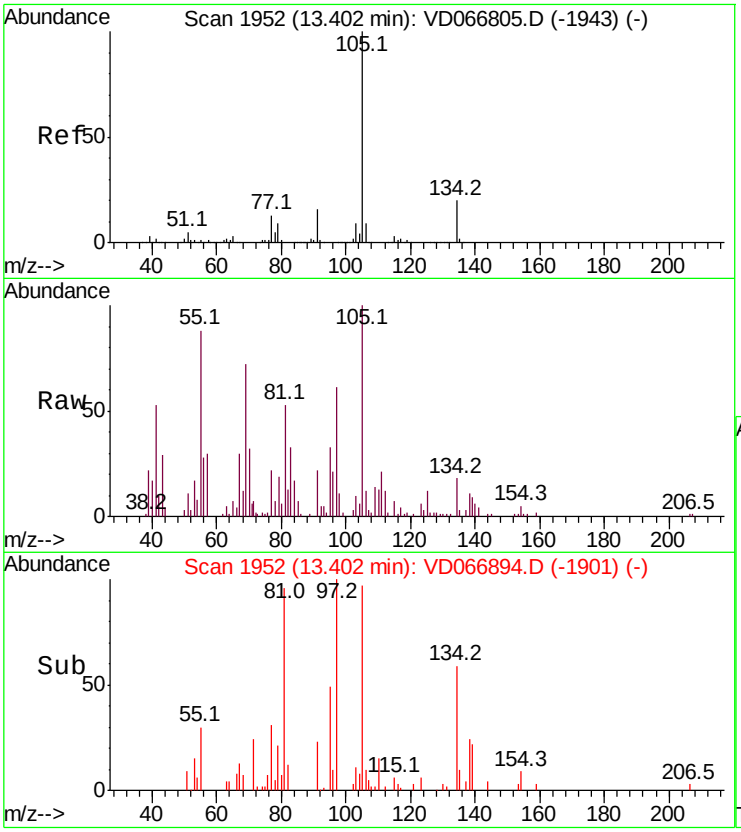


#84
1,2,4-Trimethylbenzene
Concen: 6.674 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Tgt Ion:105 Resp: 168743

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.3	66.9



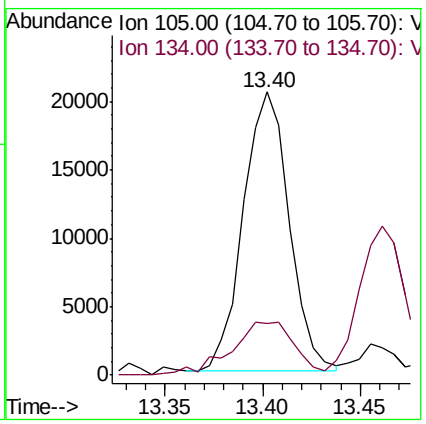


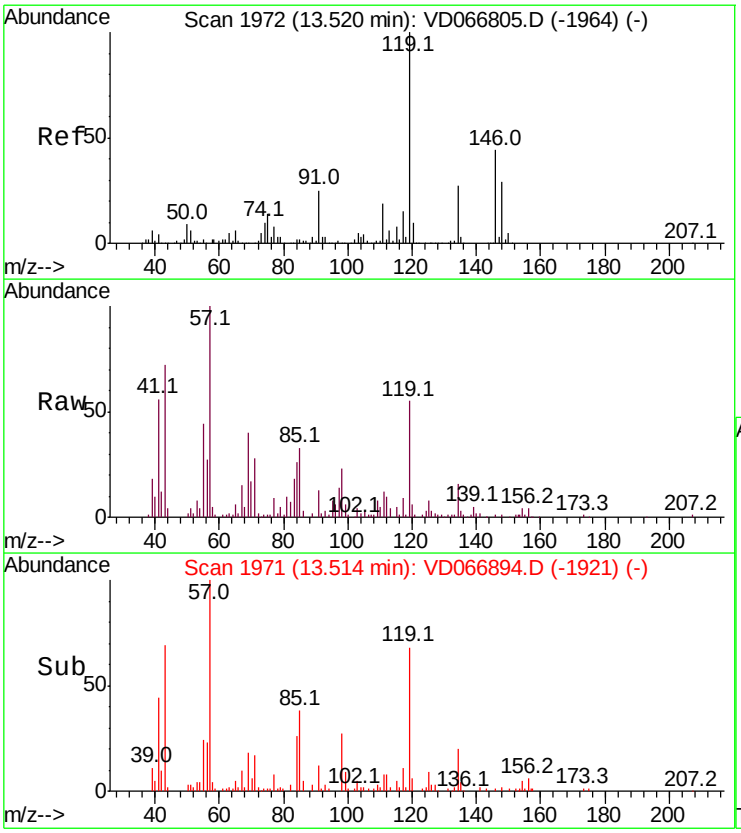
#85
sec-Butylbenzene
Concen: 1.102 ug/l
RT: 13.40 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Instrument :
MSVOA_D
ClientSampleId :
DUP-1

Tgt Ion:105 Resp: 33188

Ion	Ratio	Lower	Upper
105	100		
134	26.6	10.2	30.6

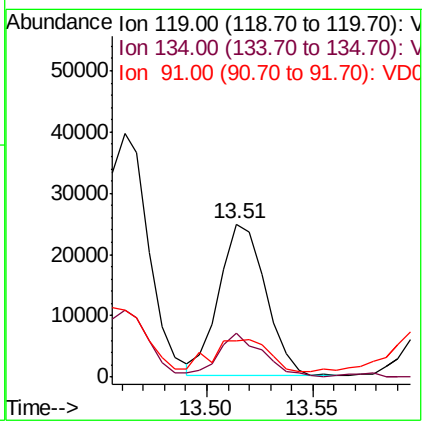


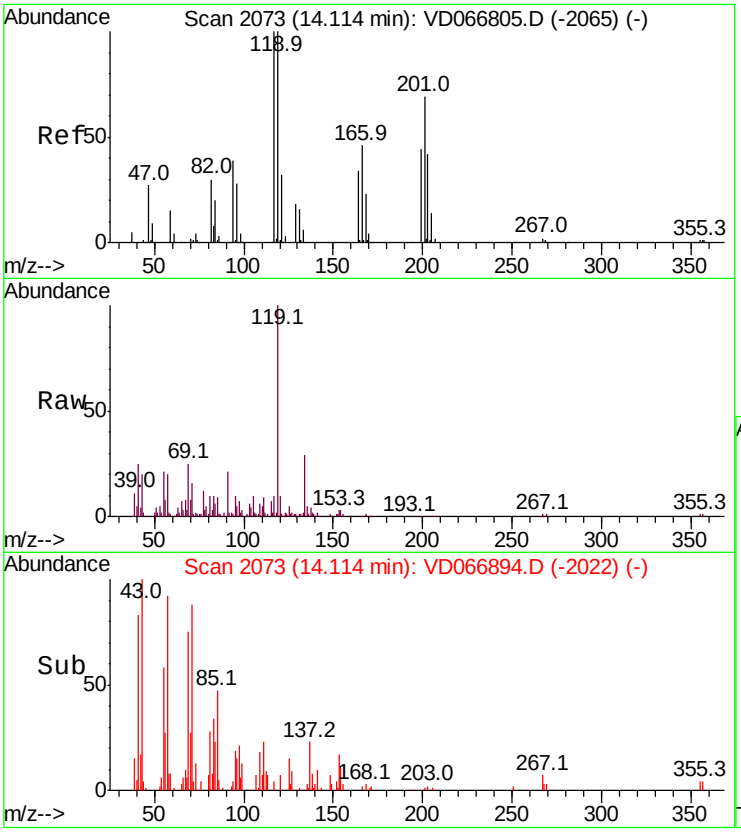


#86
p-Isopropyltoluene
Concen: 1.388 ug/l
RT: 13.51 min Scan# 1971
Delta R.T. -0.01 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Tgt Ion:119 Resp: 37689

Ion	Ratio	Lower	Upper
119	100		
134	27.9	13.0	38.9
91	26.0	12.0	36.1



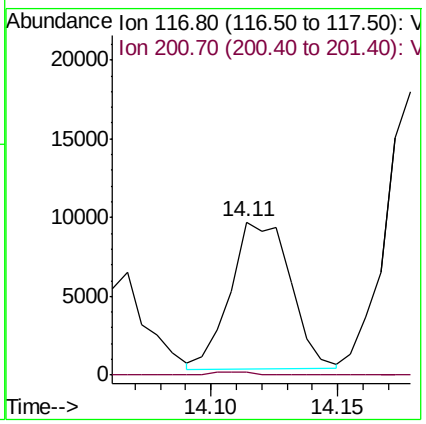


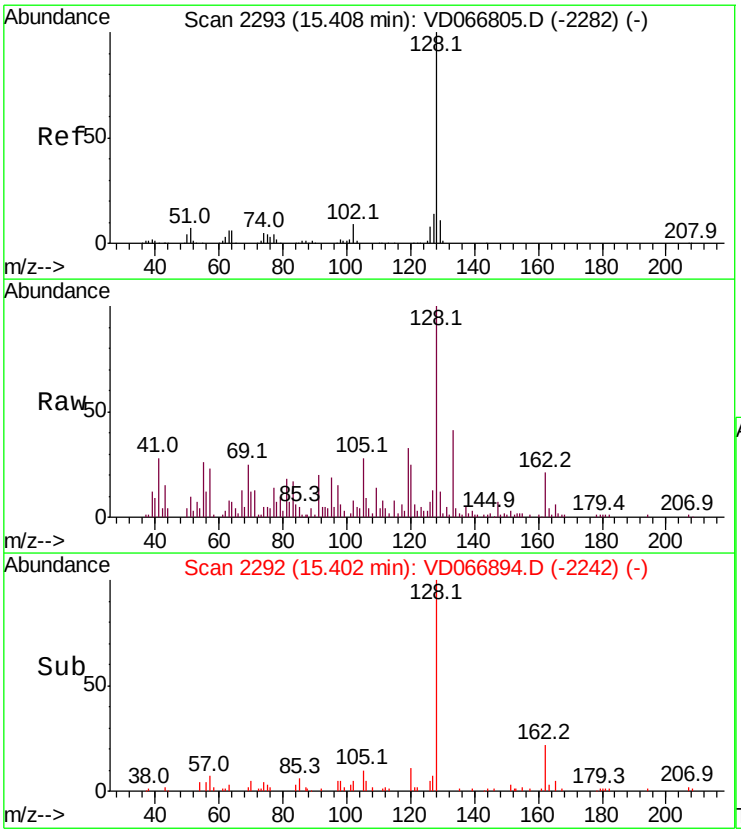
#90
Hexachloroethane
Concen: 2.777 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Instrument :
MSVOA_D
ClientSampleId :
DUP-1

Tgt Ion:117 Resp: 15311

Ion	Ratio	Lower	Upper
117	100		
201	1.4	33.7	101.0#





#95
Naphthalene
Concen: 4.976 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066894.D
Acq: 26 Sep 2020 02:11

Tgt Ion:128 Resp: 63176

Ion	Ratio	Lower	Upper
128	100		
127	15.7	10.6	16.0
129	6.0	8.9	13.3#