Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051820\
Data File : VN061465.D
Acq On : 19 May 2020 7:19
Operator : JC/MD
Sample : L2645-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: May 19 07:49:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	274399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	515365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	512562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	295436	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	196163	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.80%			
35) Dibromofluoromethane	7.55	113	140574	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.14%			
50) Toluene-d8	10.06	98	651755	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.10%			
62) 4-Bromofluorobenzene	12.37	95	286103	61.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 122.30%			
Target Compounds						Qvalue
3) Chloromethane	2.04	50	1117	0.300	ug/l	94
5) Bromomethane	2.53	94	201	Below Cal	#	26
6) Chloroethane	2.68	64	2904	0.810	ug/l #	76
11) Tert butyl alcohol	4.73	59	101266	214.606	ug/l #	73
13) Acrolein	3.53	56	2954	Below Cal	#	1
14) Allyl chloride	4.36	41	4831	1.055	ug/l #	20
15) Acrylonitrile	5.00	53	23970	17.146	ug/l #	39
16) Acetone	3.76	43	51790	39.813	ug/l #	60
17) Carbon Disulfide	4.01	76	2006	Below Cal	#	75
18) Methyl Acetate	4.49	43	207897	74.550	ug/l #	49
19) Methyl tert-butyl Ether	4.99	73	327618	30.694	ug/l #	1
20) Methylene Chloride	4.50	84	7086	2.105	ug/l #	11
22) Diisopropyl ether	5.91	45	7957	0.774	ug/l	89
23) Vinyl Acetate	5.88	43	4401	0.538	ug/l #	70
24) 1,1-Dichloroethane	5.79	63	3262	0.544	ug/l #	82
25) 2-Butanone	6.79	43	15285	8.197	ug/l #	85
26) 2,2-Dichloropropane	6.58	77	6331	1.107	ug/l #	54
28) Bromochloromethane	7.33	49	54596	21.439	ug/l #	13
29) Tetrahydrofuran	7.17	42	338	0.274	ug/l #	29
30) Chloroform	7.33	83	691578	110.364	ug/l	99
31) Cyclohexane	7.61	56	270145	51.232	ug/l	97
36) 1,1-Dichloropropene	7.63	75	24403	5.064	ug/l #	62
37) Ethyl Acetate	6.79	43	15285	3.498	ug/l #	71
38) Carbon Tetrachloride	7.63	117	29516	6.652	ug/l #	15
39) Methylcyclohexane	9.05	83	285742	48.548	ug/l	99
40) Benzene	8.00	78	434535	29.922	ug/l	100
41) Methacrylonitrile	7.14	41	1058	0.573	ug/l #	30
42) 1,2-Dichloroethane	8.09	62	6987	1.335	ug/l #	75
43) Isopropyl Acetate	8.11	43	31302	4.107	ug/l #	54
45) 1,2-Dichloropropane	9.05	63	1757	0.483	ug/l #	1
47) Bromodichloromethane	9.35	83	3894	0.725	ug/l #	25
48) Methyl methacrylate	9.24	41	31662	8.992	ug/l #	48
51) 4-Methyl-2-Pentanone	9.96	43	26668	6.423	ug/l #	84
52) Toluene	10.13	92	51865	5.563	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051820\
Data File : VN061465.D
Acq On : 19 May 2020 7:19
Operator : JC/MD
Sample : L2645-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: May 19 07:49:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) 1,1,2-Trichloroethane	10.50	97	18734	5.315	ug/l	#	21
56) Ethyl methacrylate	10.40	69	2585	0.469	ug/l	#	48
59) 2-Hexanone	10.77	43	4787	1.594	ug/l		74
65) Chlorobenzene	11.41	112	4657	0.446	ug/l		100
67) Ethyl Benzene	11.49	91	7293611	382.273	ug/l	#	38
68) m/p-Xylenes	11.60	106	3472211	479.449	ug/l	#	72
69) o-Xylene	11.92	106	49040	6.997	ug/l		98
70) Styrene	11.92	104	3977	0.343	ug/l	#	1
71) Bromoform	12.38	173	1756	2.599	ug/l	#	1
73) Isopropylbenzene	12.22	105	896460	37.798	ug/l		99
74) N-amyl acetate	12.00	43	10522	1.212	ug/l	#	21
76) 1,2,3-Trichloropropane	12.56	75	17673	2.788	ug/l	#	100
78) n-propylbenzene	12.56	91	2790393	103.258	ug/l		98
79) 2-Chlorotoluene	12.66	91	319556	20.006	ug/l	#	42
80) 1,3,5-Trimethylbenzene	12.71	105	1510590	77.786	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.22	75	10461	4.378	ug/l	#	65
82) 4-Chlorotoluene	12.71	91	165509	10.007	ug/l	#	43
83) tert-Butylbenzene	13.01	119	1182933	71.114	ug/l	#	66
84) 1,2,4-Trimethylbenzene	13.01	105	6372098	327.869	ug/l		70
85) sec-Butylbenzene	13.01	105	6372098	283.289	ug/l	#	57
86) p-Isopropyltoluene	13.27	119	66008	3.305	ug/l	#	74
88) 1,4-Dichlorobenzene	13.34	146	12598	1.335	ug/l	#	70
89) n-Butylbenzene	13.56	91	43835	2.416	ug/l	#	1
90) Hexachloroethane	13.86	117	133086	49.165	ug/l	#	17
91) 1,2-Dichlorobenzene	13.63	146	3820	0.423	ug/l	#	68
92) 1,2-Dibromo-3-Chloropropan	14.22	75	6432	4.880	ug/l	#	5
93) 1,2,4-Trichlorobenzene	14.88	180	1326	0.271	ug/l	#	1
95) Naphthalene	15.10	128	2743330	176.121	ug/l		99

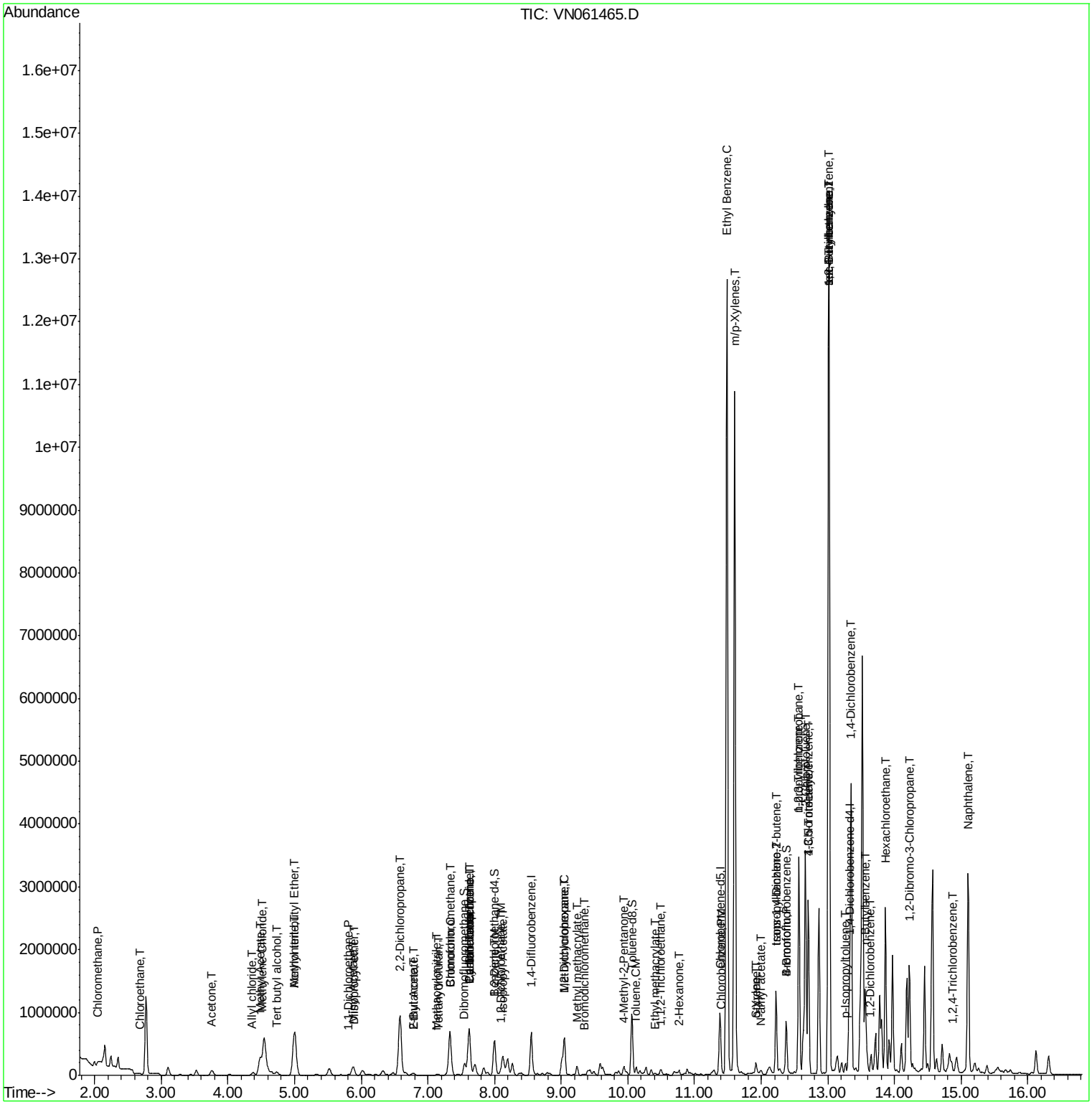
(#) = qualifier out of range (m) = manual integration (+) = signals summed

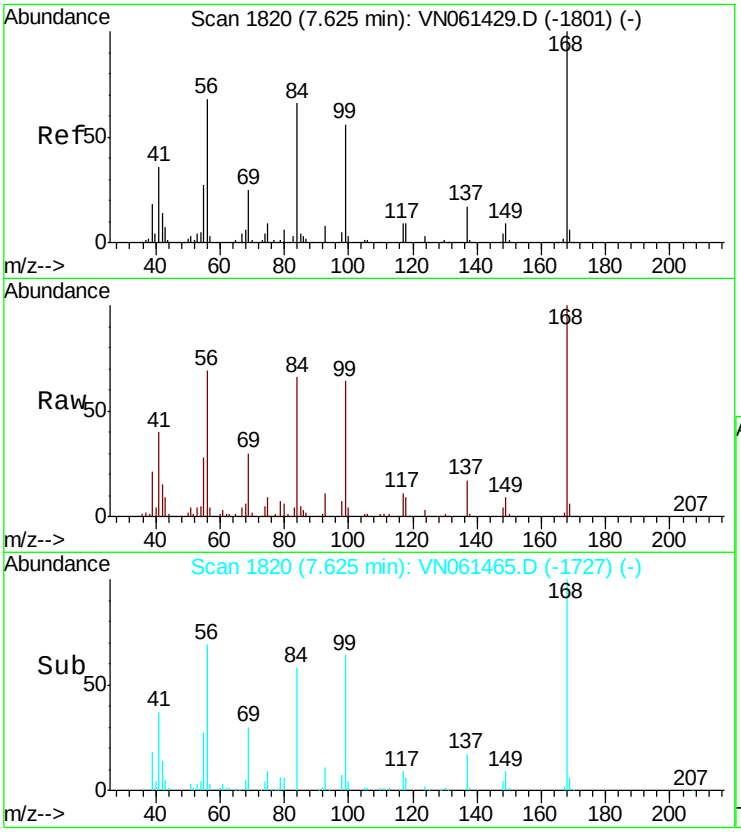
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051820\
Data File : VN061465.D
Acq On : 19 May 2020 7:19
Operator : JC/MD
Sample : L2645-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 19 07:49:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration



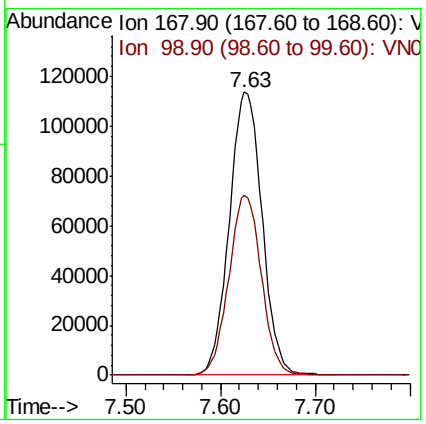


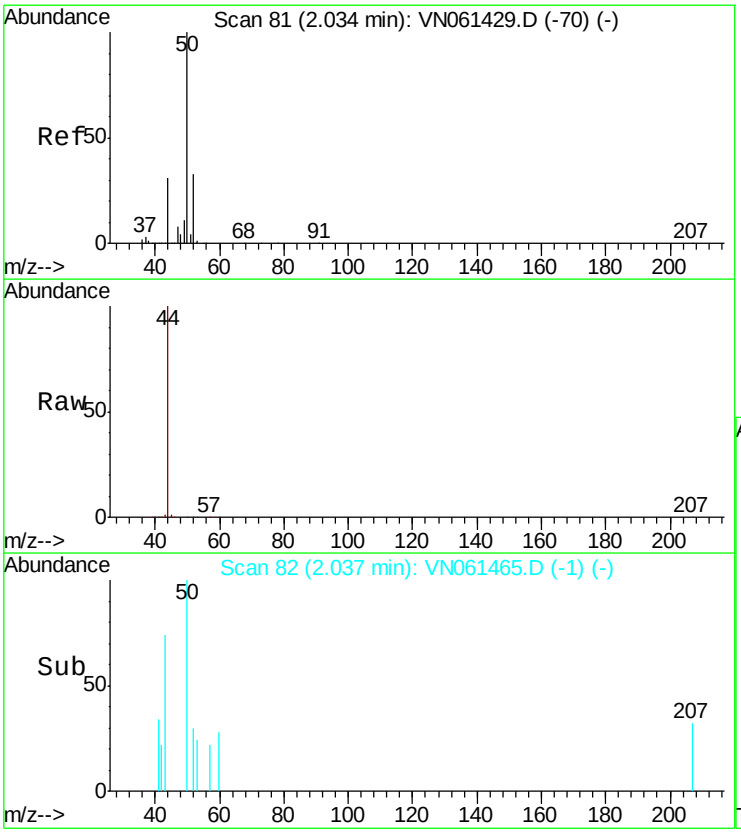
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 274399

Ion	Ratio	Lower	Upper
168	100		
99	63.5	51.1	76.7

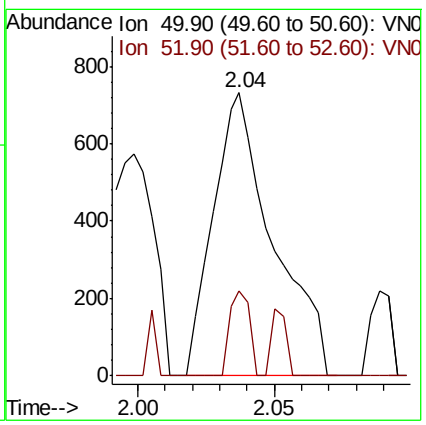


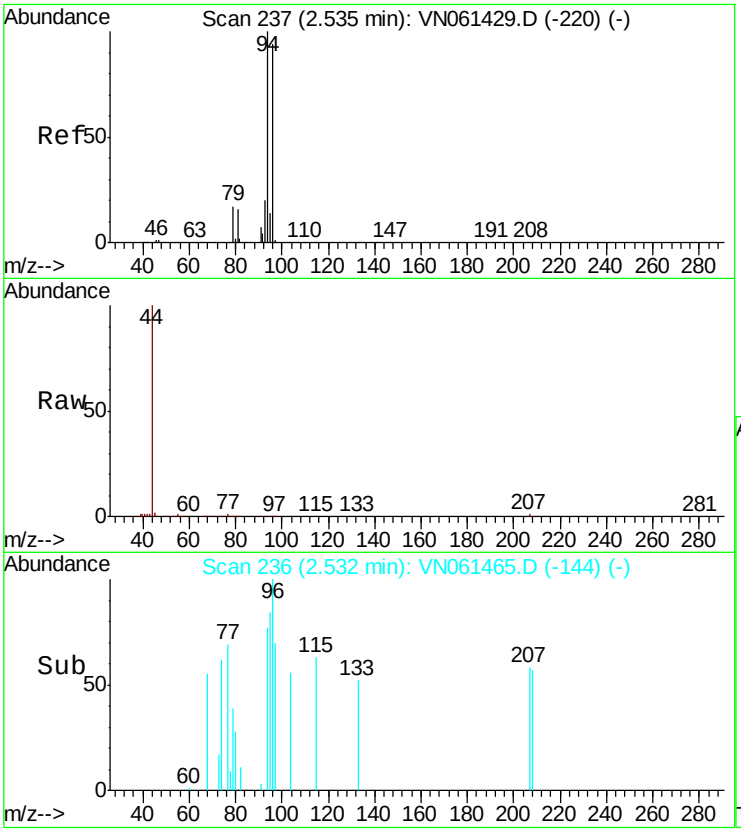


#3
Chloromethane
Concen: 0.300 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 50 Resp: 1117

Ion	Ratio	Lower	Upper
50	100		
52	29.9	26.7	40.1



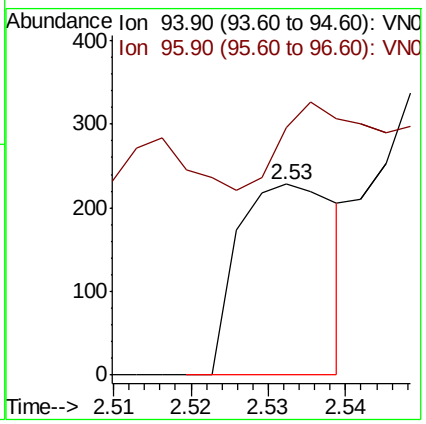


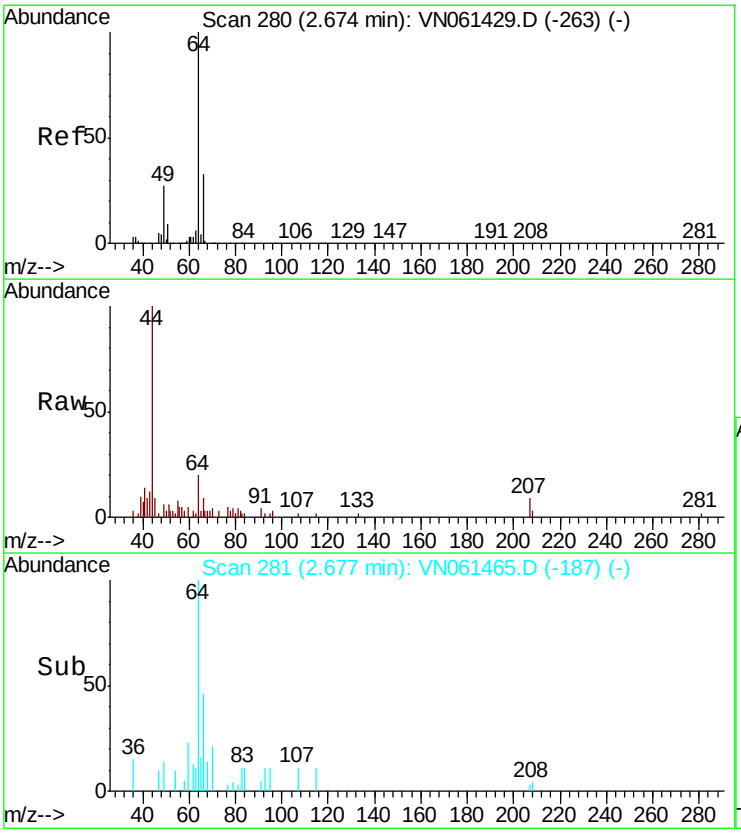
#5
Bromomethane
Concen: Below Cal
RT: 2.53 min Scan# 236
Delta R.T. -0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 201

Ion	Ratio	Lower	Upper
94	100		
96	21.9	74.9	112.3#

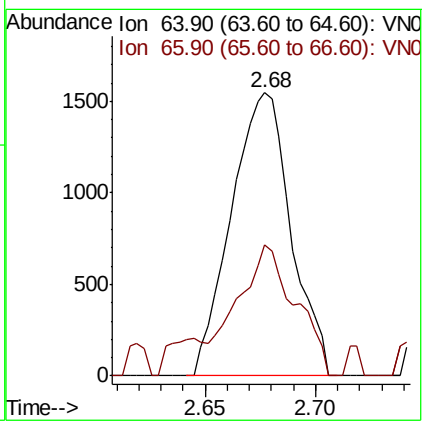


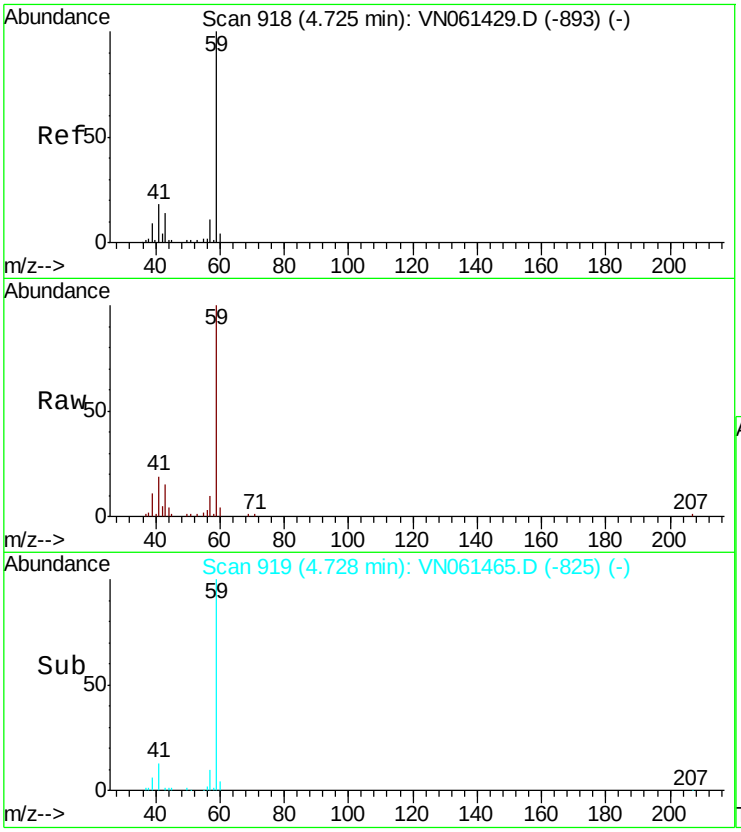


#6
Chloroethane
Concen: 0.810 ug/l
RT: 2.68 min Scan# 281
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 64 Resp: 2904

Ion	Ratio	Lower	Upper
64	100		
66	46.3	26.3	39.5#



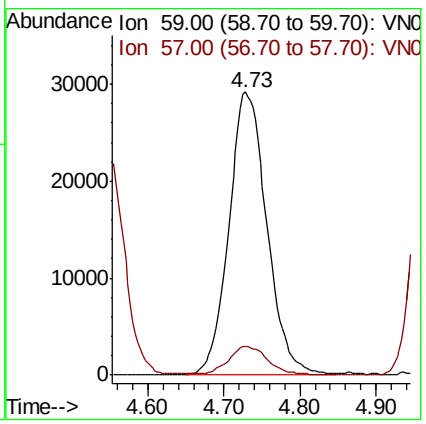


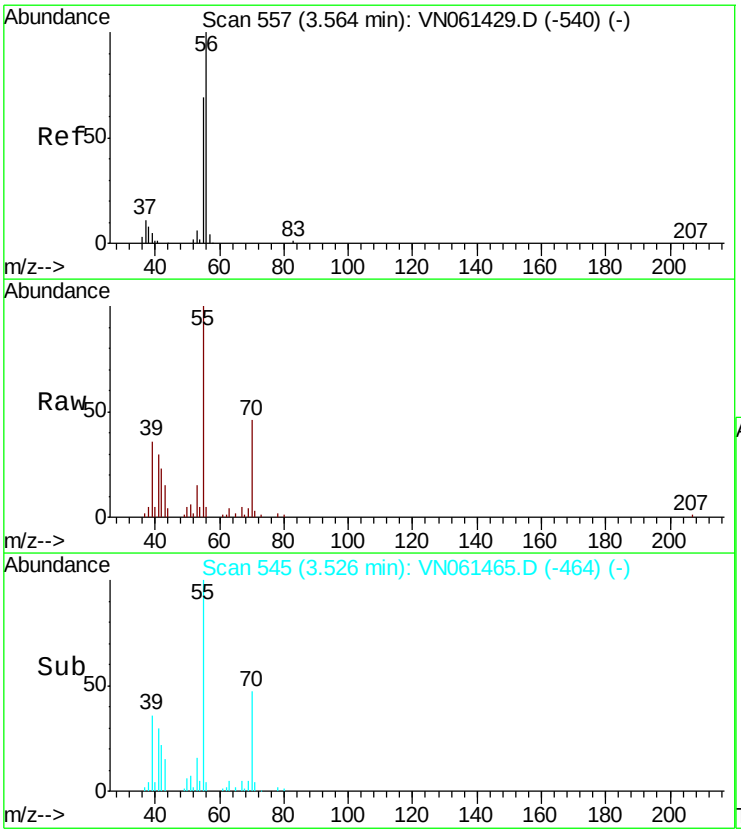
#11
Tert butyl alcohol
Concen: 214.606 ug/l
RT: 4.73 min Scan# 919
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 101266

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

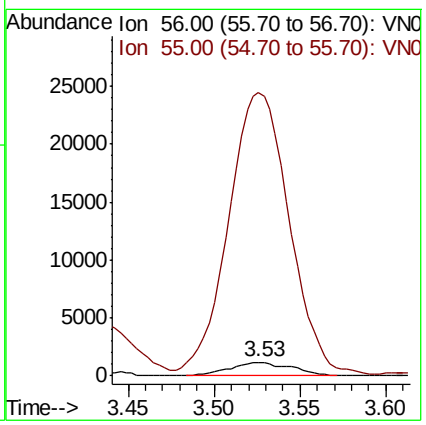


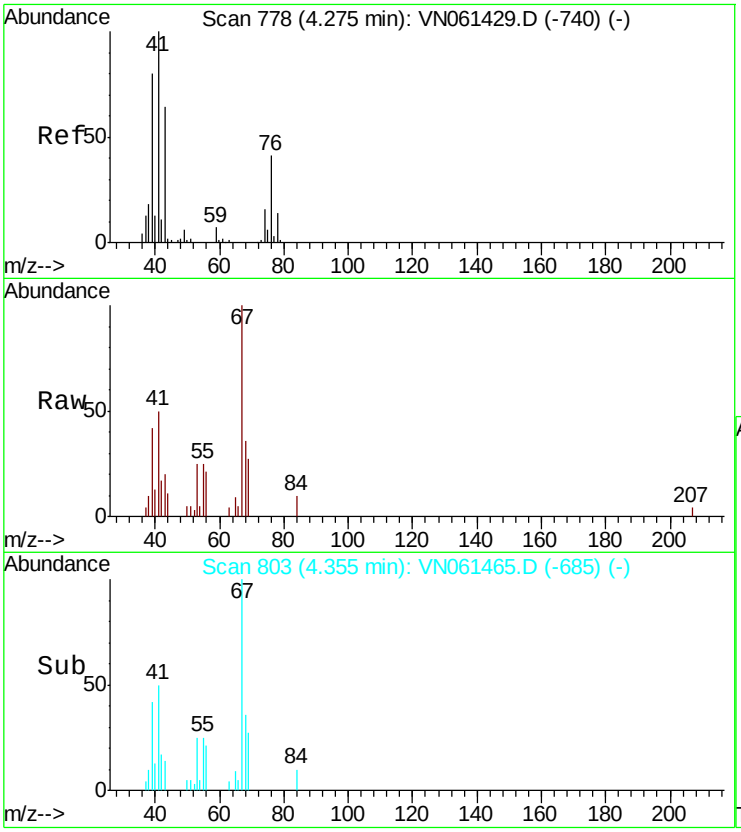


#13
Acrolein
Concen: Below Cal
RT: 3.53 min Scan# 545
Delta R.T. -0.04 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 56 Resp: 2954

Ion	Ratio	Lower	Upper
56	100		
55	2025.1	54.8	82.2#



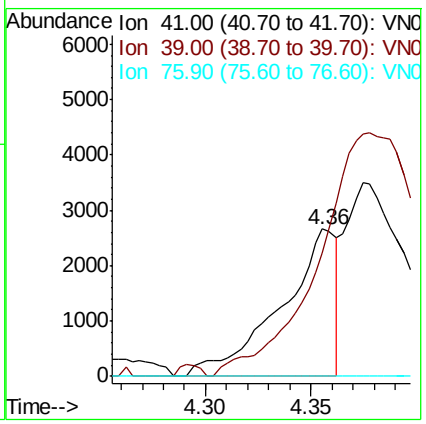


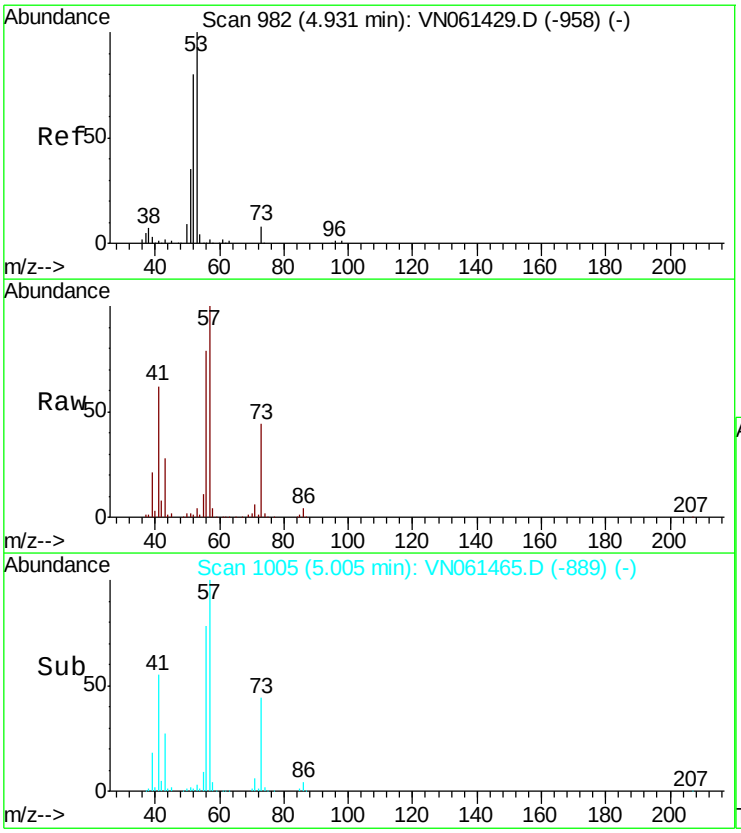
#14
Allyl chloride
Concen: 1.055 ug/l
RT: 4.36 min Scan# 803
Delta R.T. 0.08 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 4831

Ion	Ratio	Lower	Upper
41	100		
39	0.0	61.2	91.8#
76	0.0	29.9	44.9#

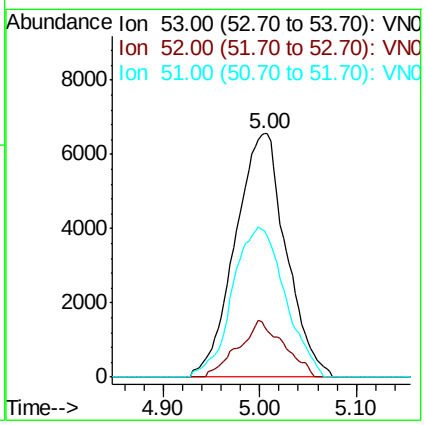


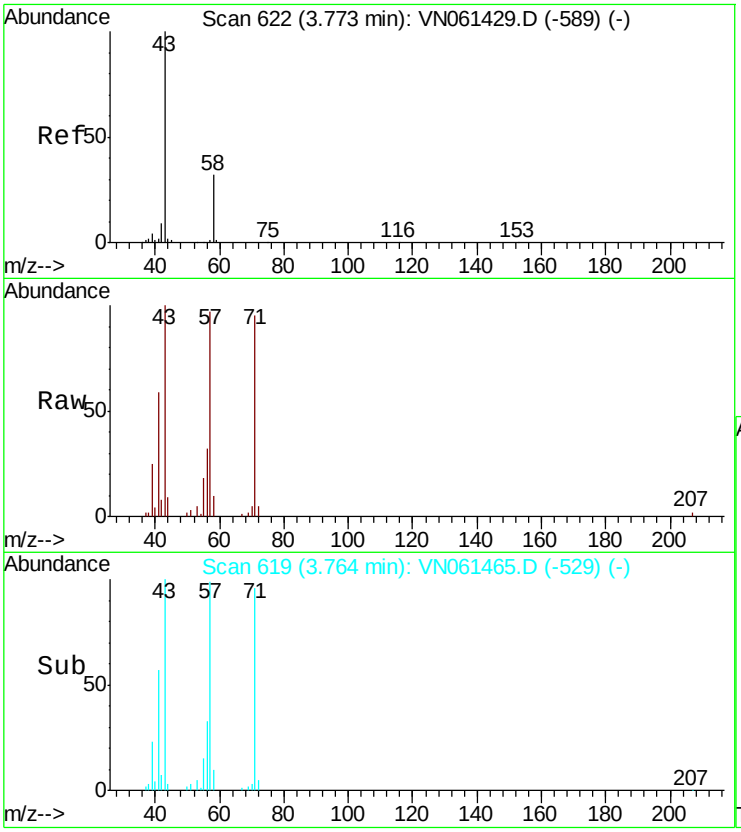


#15
Acrylonitrile
Concen: 17.146 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.07 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 53 Resp: 23970

Ion	Ratio	Lower	Upper
53	100		
52	20.7	64.7	97.1#
51	63.6	29.5	44.3#



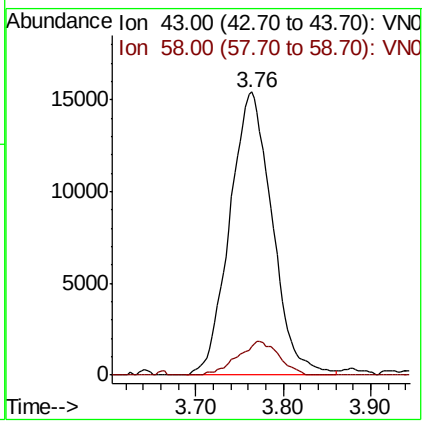


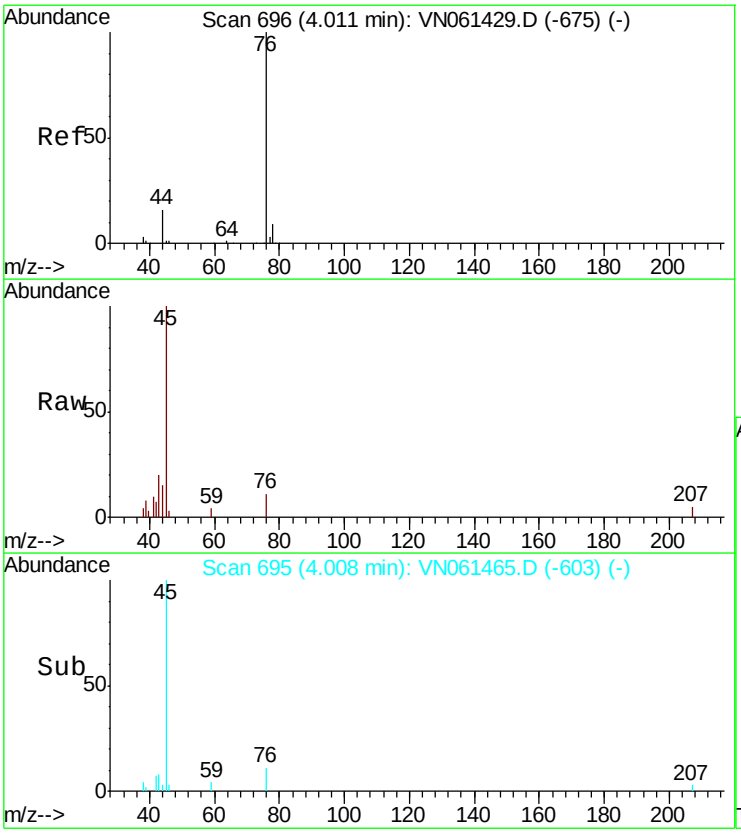
#16
Acetone
Concen: 39.813 ug/l
RT: 3.76 min Scan# 619
Delta R.T. -0.01 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 51790

Ion	Ratio	Lower	Upper
43	100		
58	9.9	25.6	38.4#

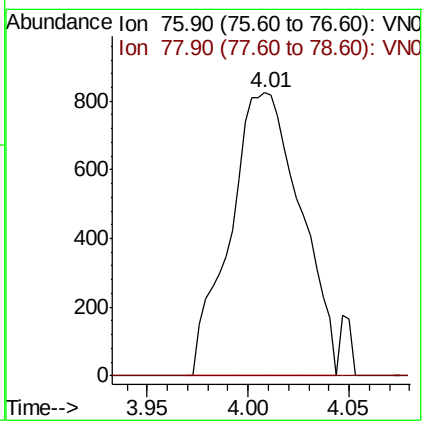


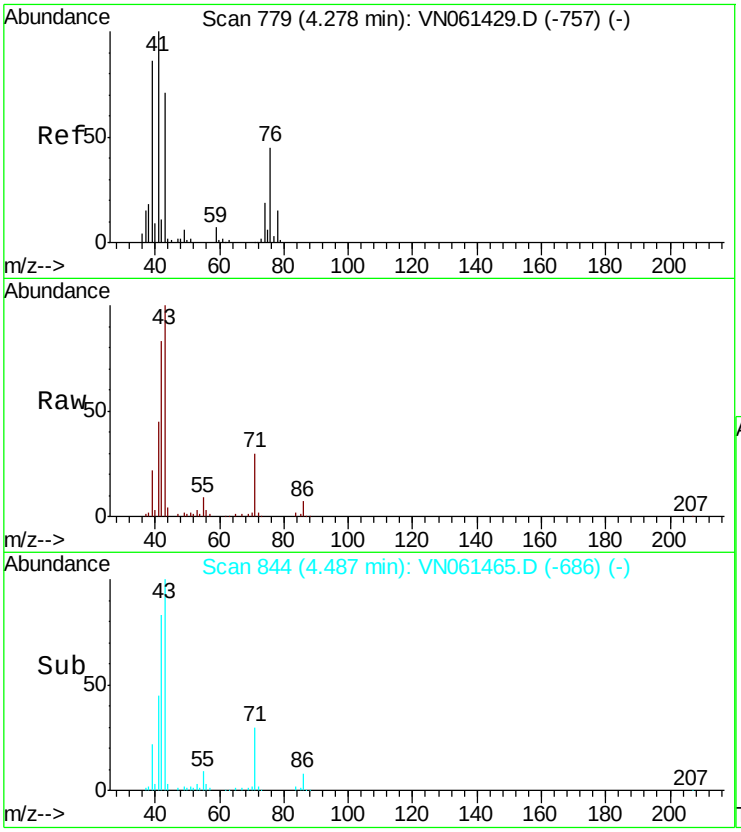


#17
Carbon Disulfide
Concen: Below Cal
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 76 Resp: 2006

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#



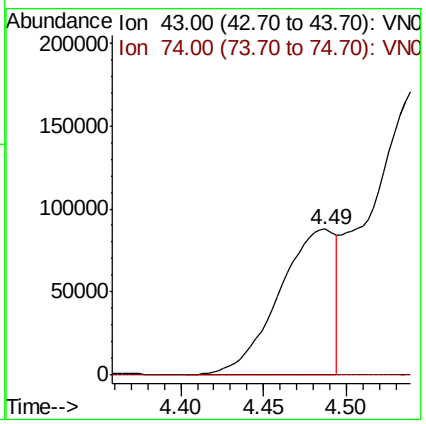


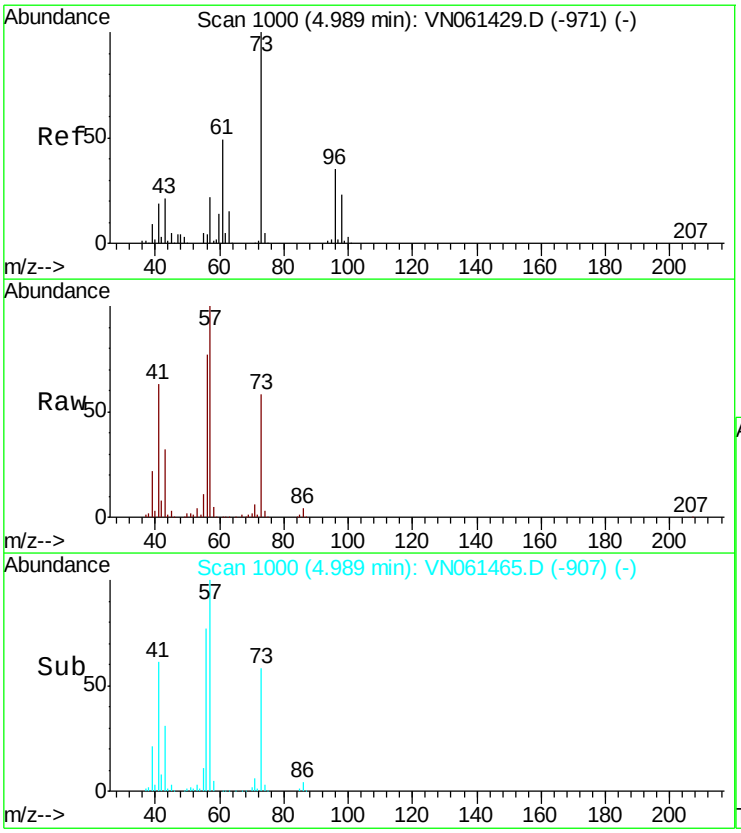
#18
Methyl Acetate
Concen: 74.550 ug/l
RT: 4.49 min Scan# 844
Delta R.T. 0.21 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 207897

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.8	31.2#

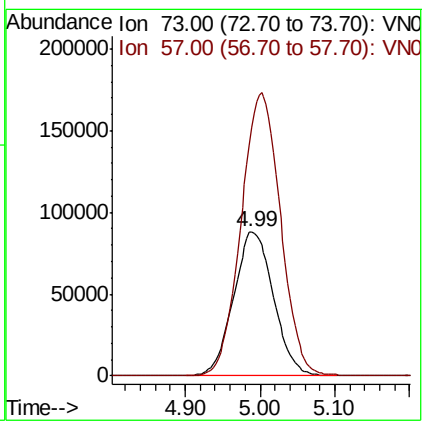


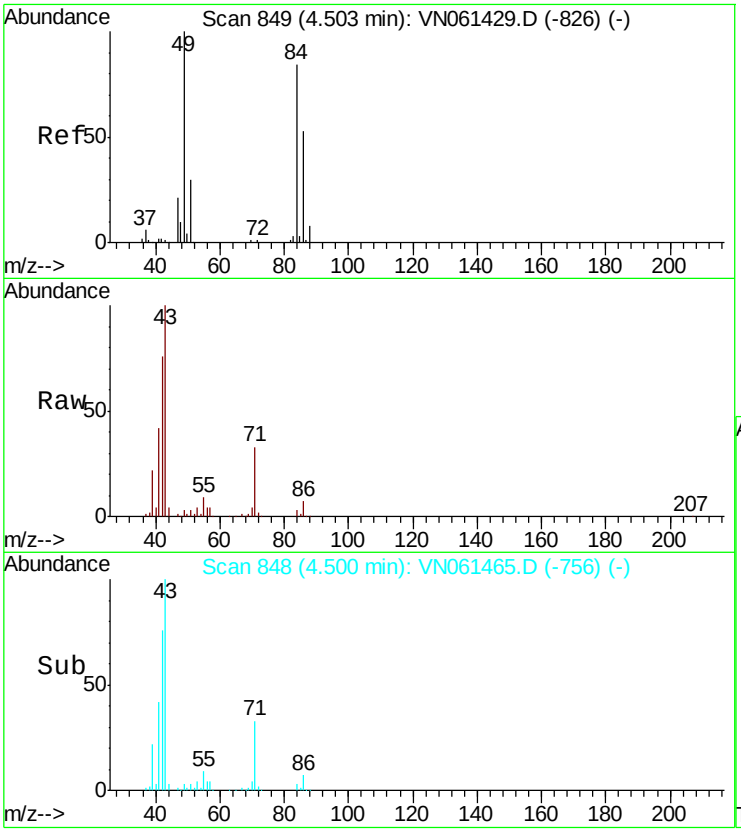


#19
Methyl tert-butyl Ether
Concen: 30.694 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 73 Resp: 327618

Ion	Ratio	Lower	Upper
73	100		
57	172.6	17.4	26.0#



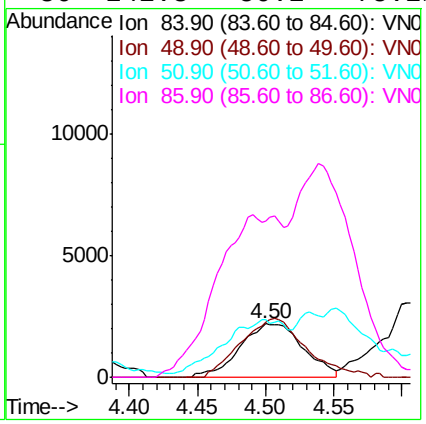


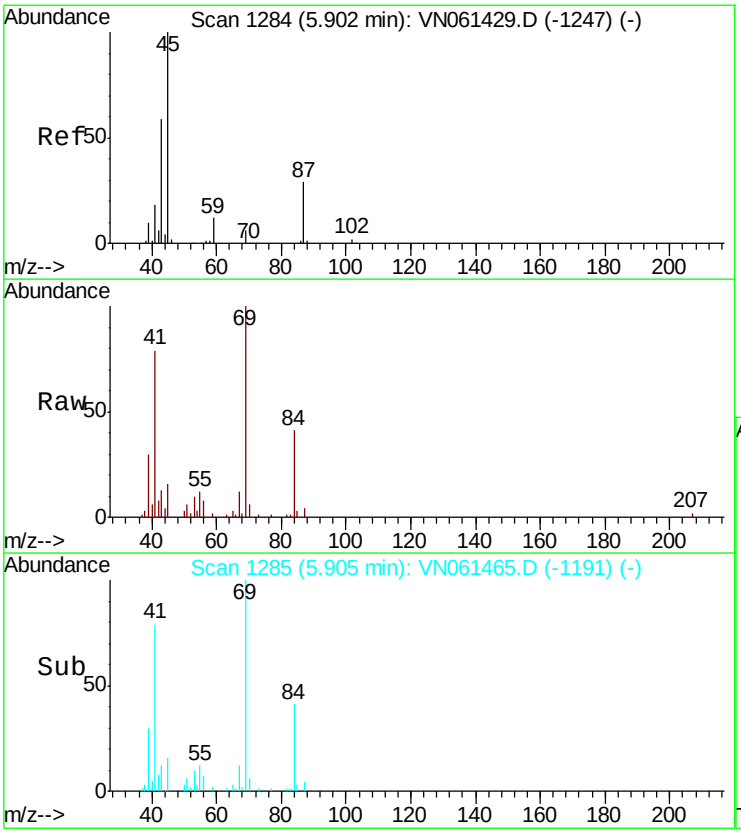
#20
Methylene Chloride
Concen: 2.105 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 7086

Ion	Ratio	Lower	Upper
84	100		
49	104.3	95.3	142.9
51	87.8	29.0	43.6#
86	242.3	50.2	75.2#

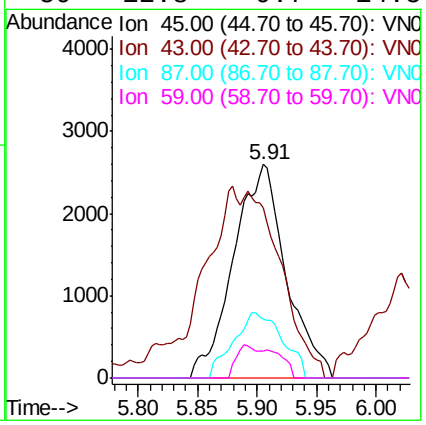


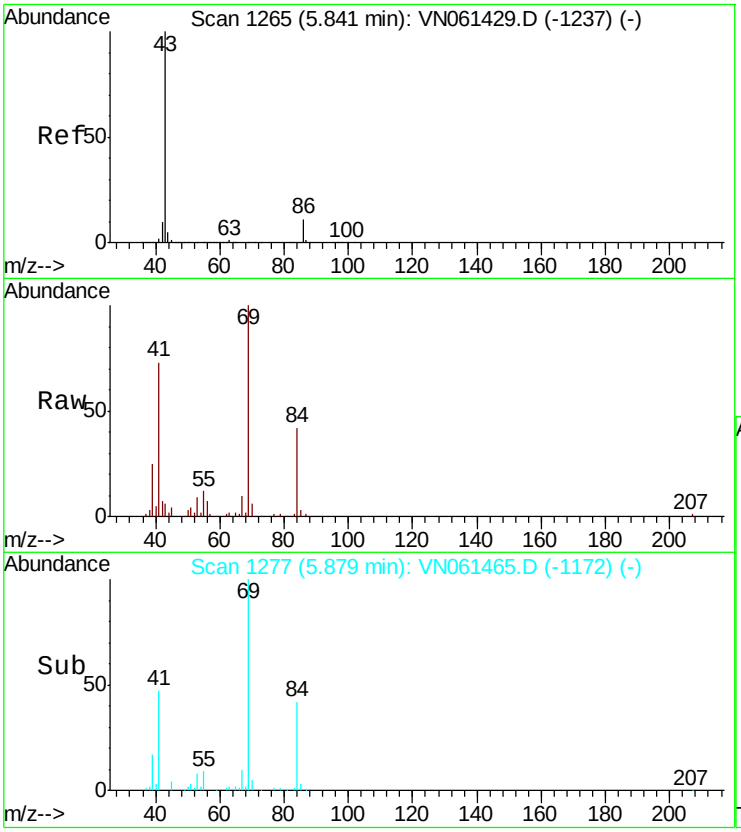


#22
Diisopropyl ether
Concen: 0.774 ug/l
RT: 5.91 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 45 Resp: 7957

Ion	Ratio	Lower	Upper
45	100		
43	71.6	47.9	71.9
87	27.5	24.0	36.0
59	12.8	9.7	14.5



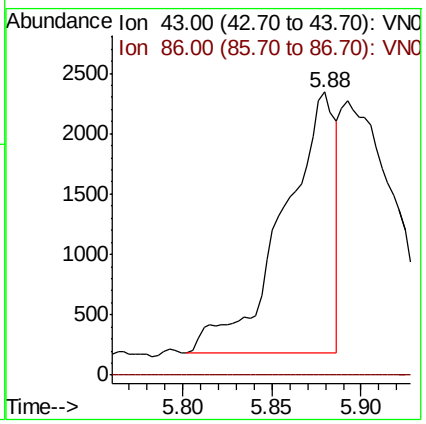


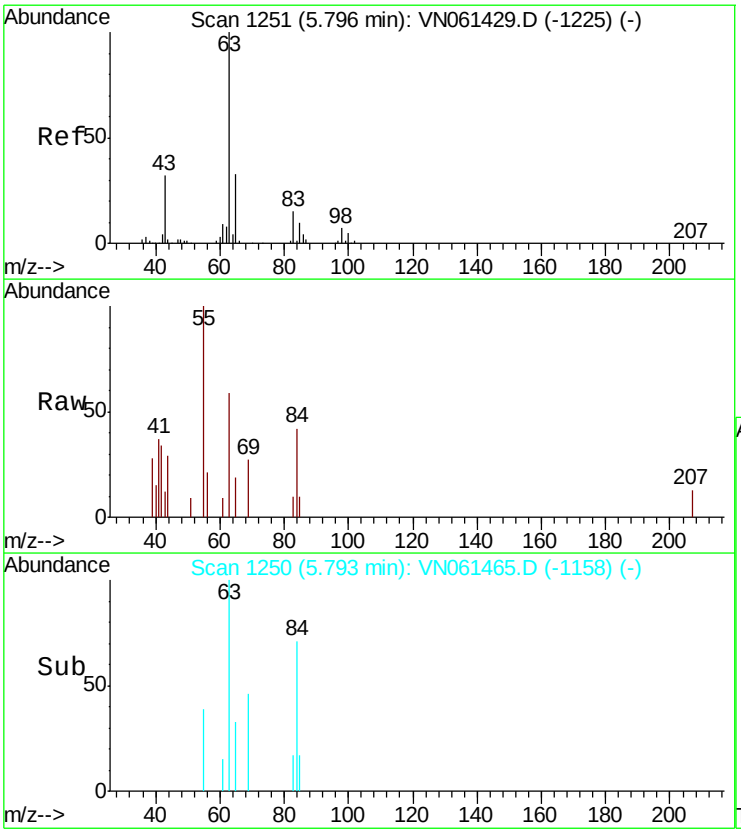
#23
Vinyl Acetate
Concen: 0.538 ug/l
RT: 5.88 min Scan# 1277
Delta R.T. 0.04 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 4401

Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.1	13.7#

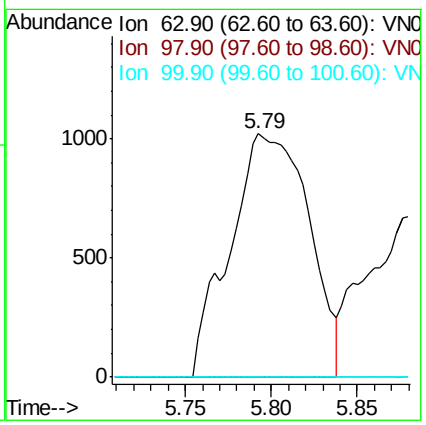


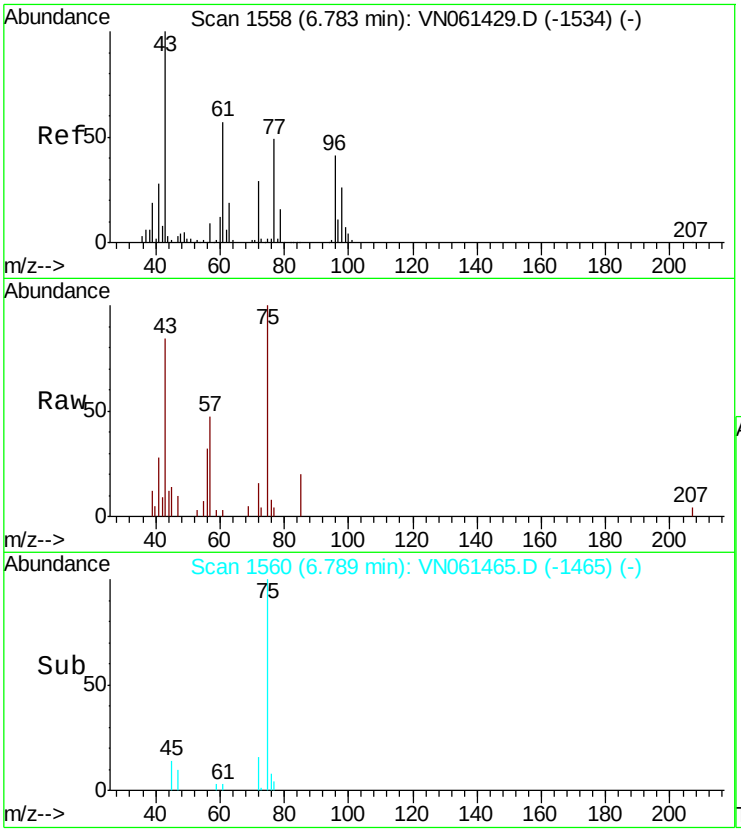


#24
1,1-Dichloroethane
Concen: 0.544 ug/l
RT: 5.79 min Scan# 1250
Delta R.T. -0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 63 Resp: 3262

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.5	10.5#
100	0.0	2.3	6.9#



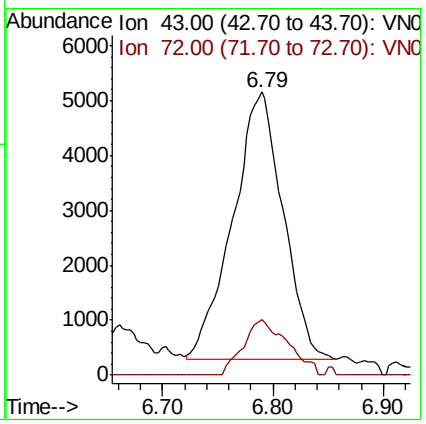


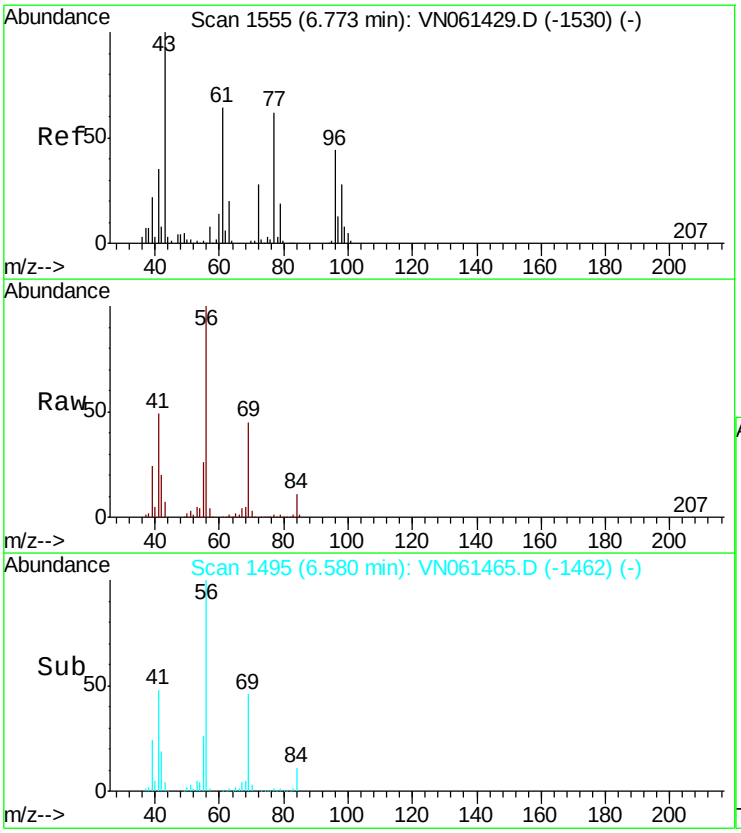
#25
2-Butanone
Concen: 8.197 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 15285

Ion	Ratio	Lower	Upper
43	100		
72	20.6	23.0	34.6#

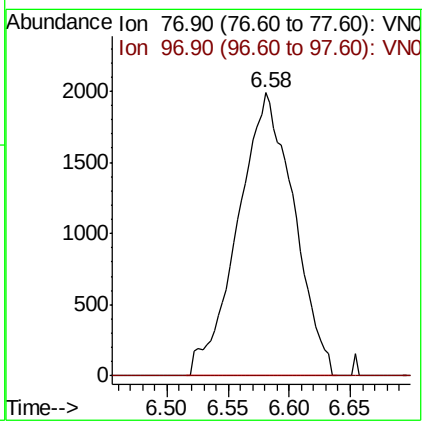


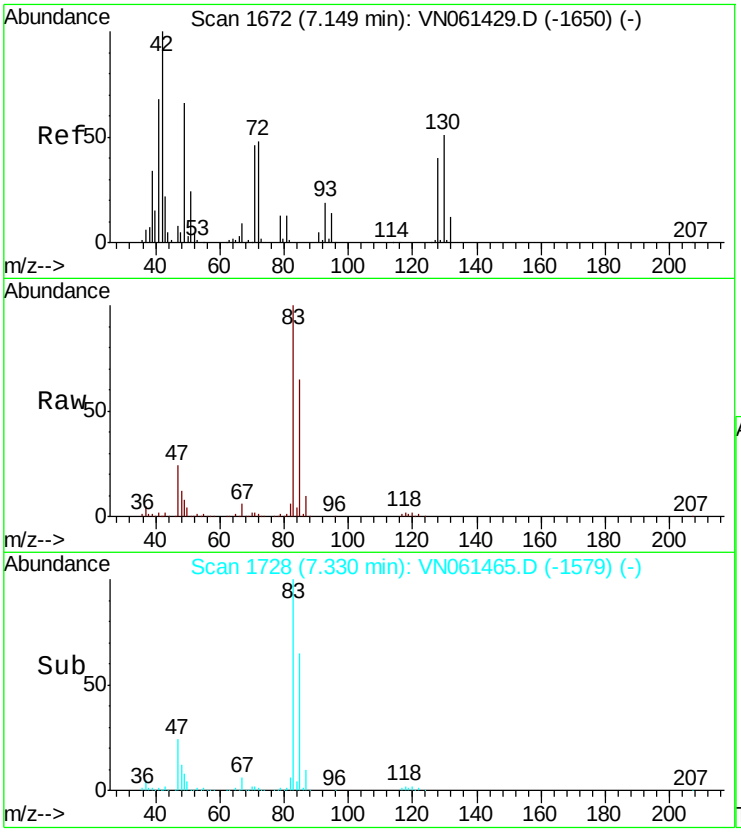


#26
2,2-Dichloropropane
Concen: 1.107 ug/l
RT: 6.58 min Scan# 1495
Delta R.T. -0.19 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 77 Resp: 6331

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.9	32.9#



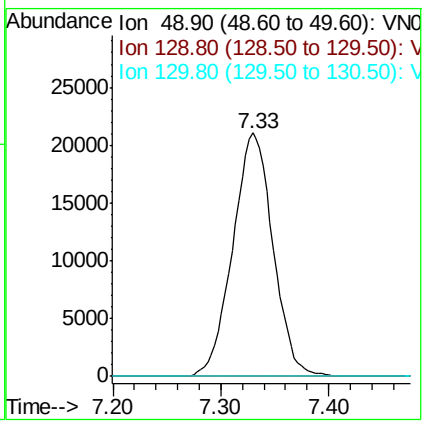


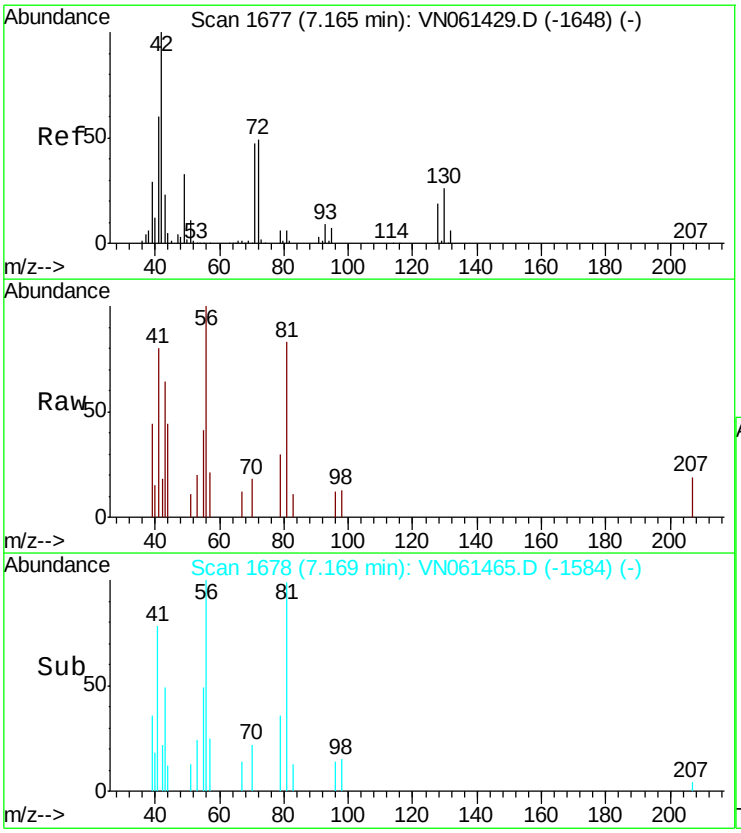
#28
Bromochloromethane
Concen: 21.439 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.18 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 49 Resp: 54596

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	0.0	62.2	93.2#

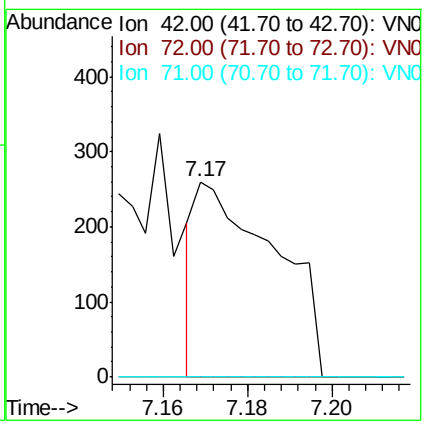


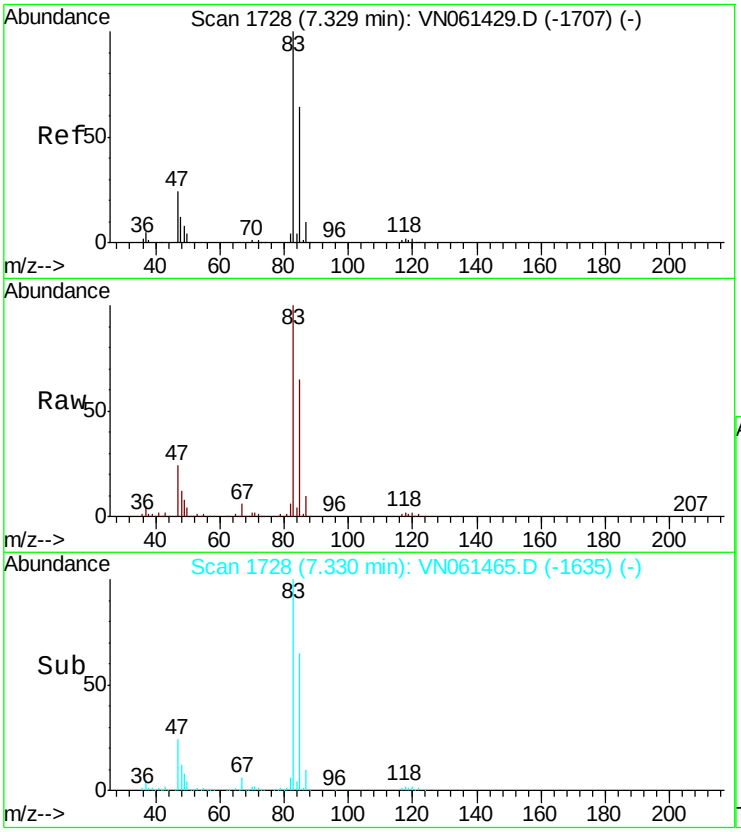


#29
Tetrahydrofuran
Concen: 0.274 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 42 Resp: 338

Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.0	58.6#
71	0.0	36.9	55.3#



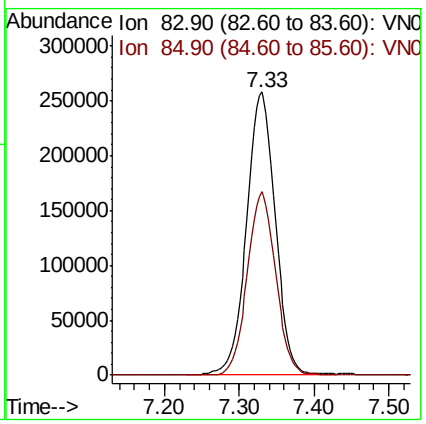


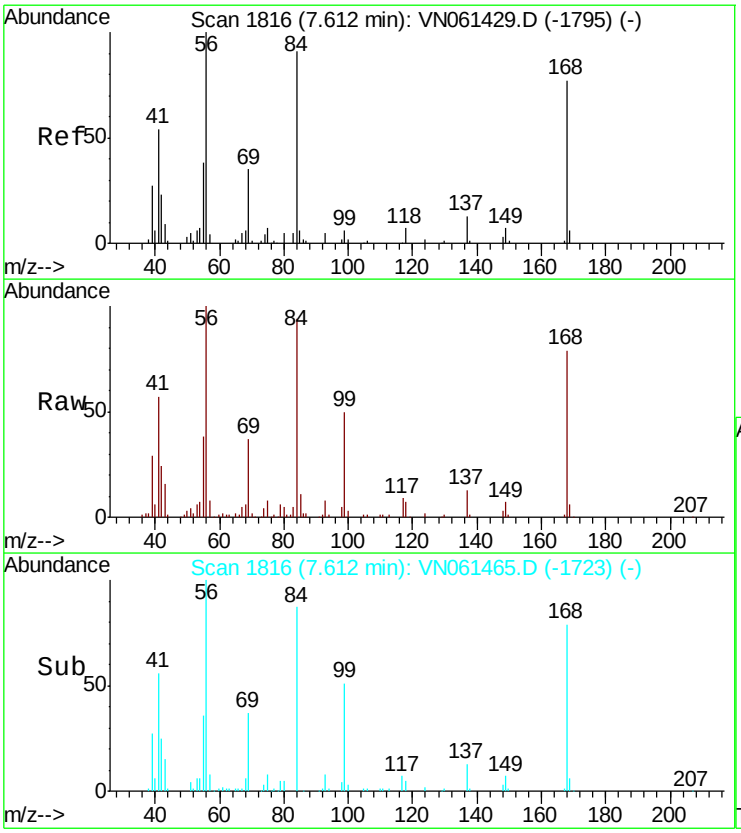
#30
Chloroform
Concen: 110.364 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 691578

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.0	76.4

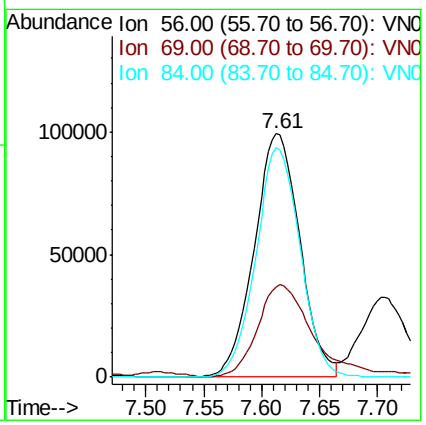


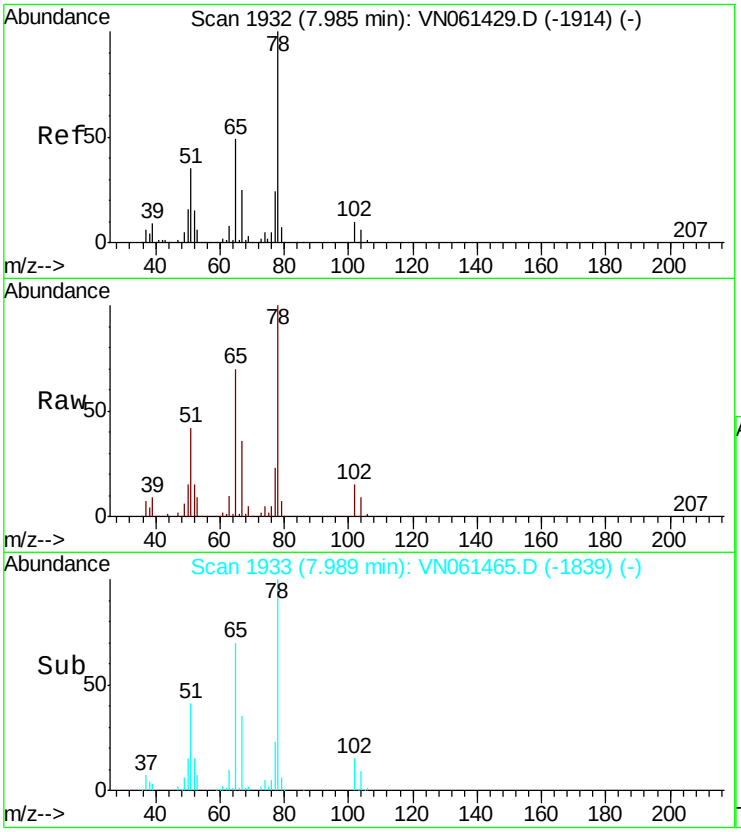


#31
Cyclohexane
Concen: 51.232 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 56 Resp: 270145

Ion	Ratio	Lower	Upper
56	100		
69	36.2	27.8	41.6
84	94.3	72.7	109.1



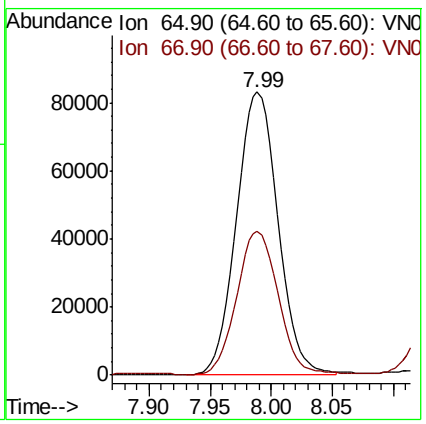


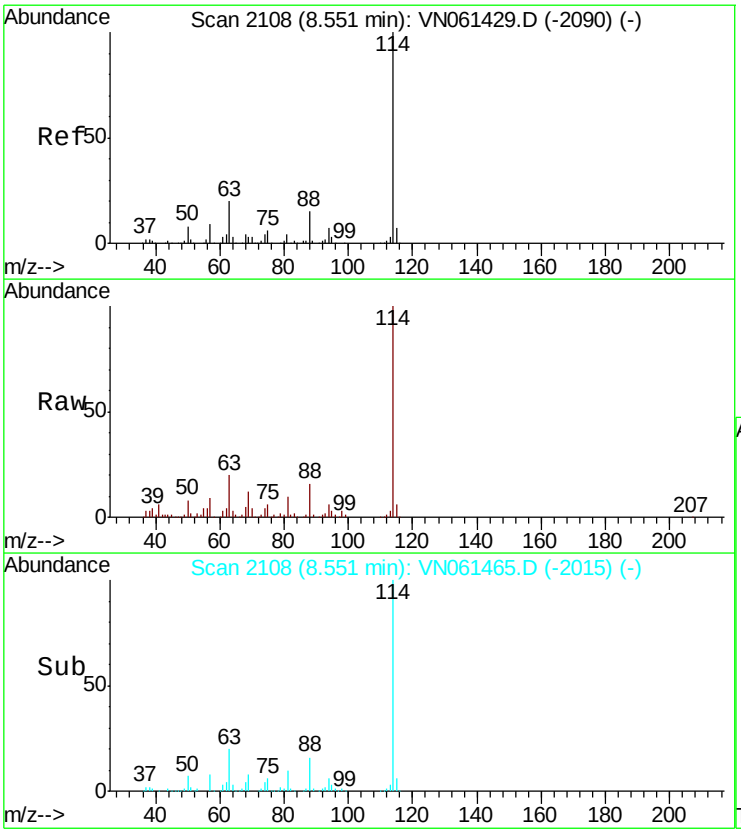
#33
1,2-Dichloroethane-d4
Concen: 47.900 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 196163

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	101.4

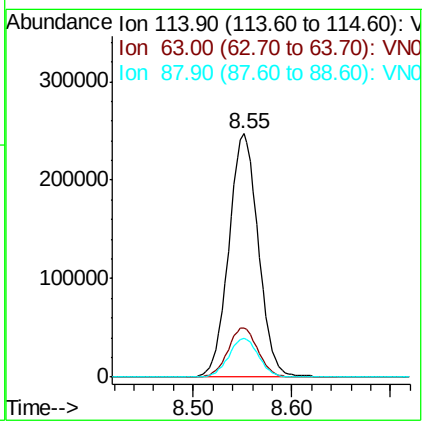


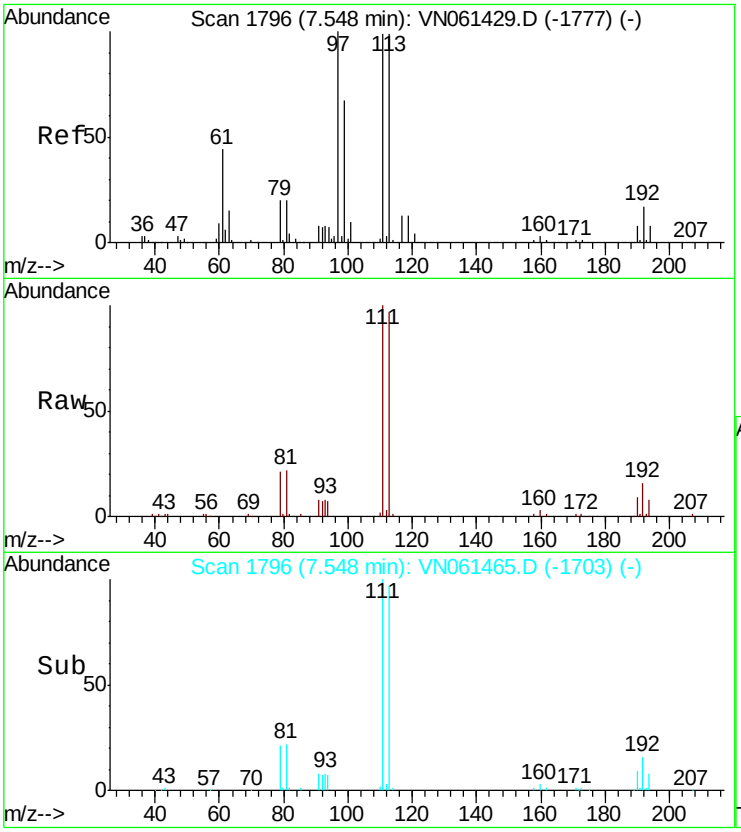


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion:114 Resp: 515365

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	15.8	0.0	30.8



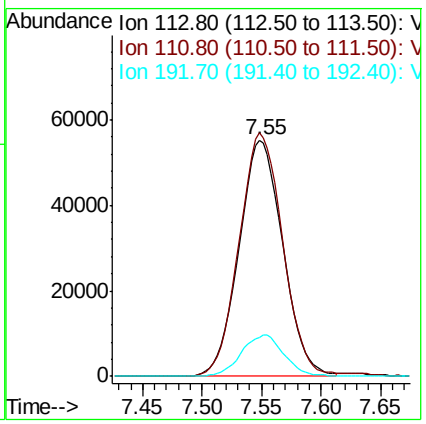


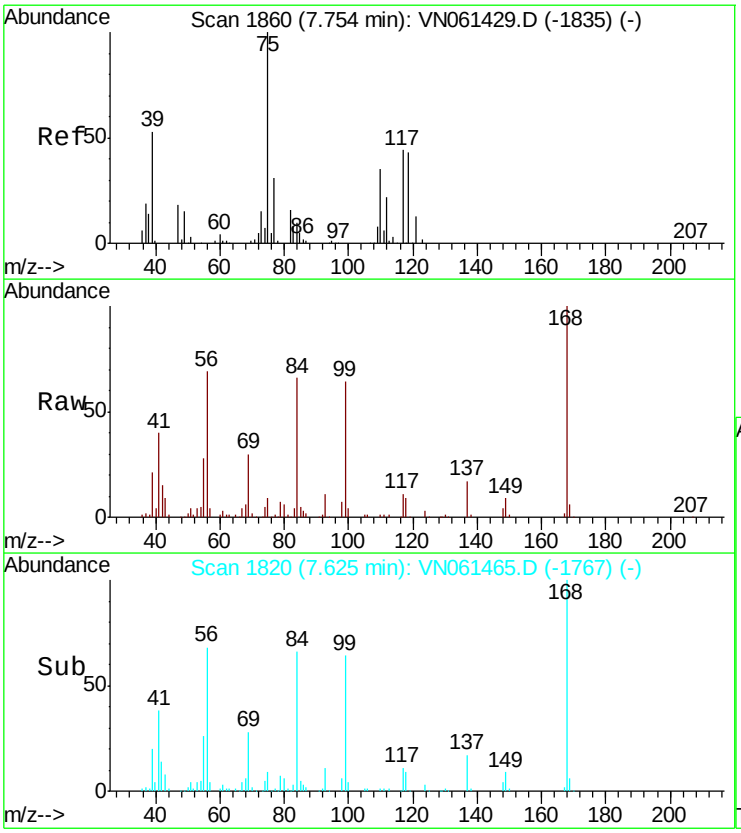
#35
Dibromofluoromethane
Concen: 52.067 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 140574

Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.6	121.0
192	17.2	13.2	19.8

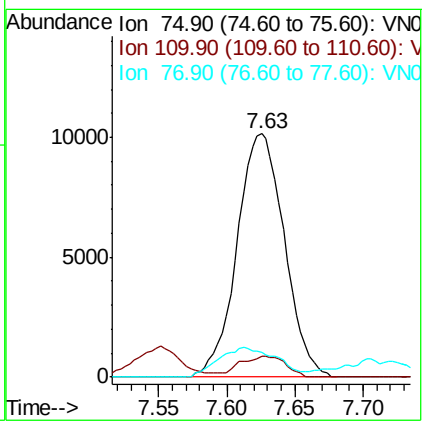


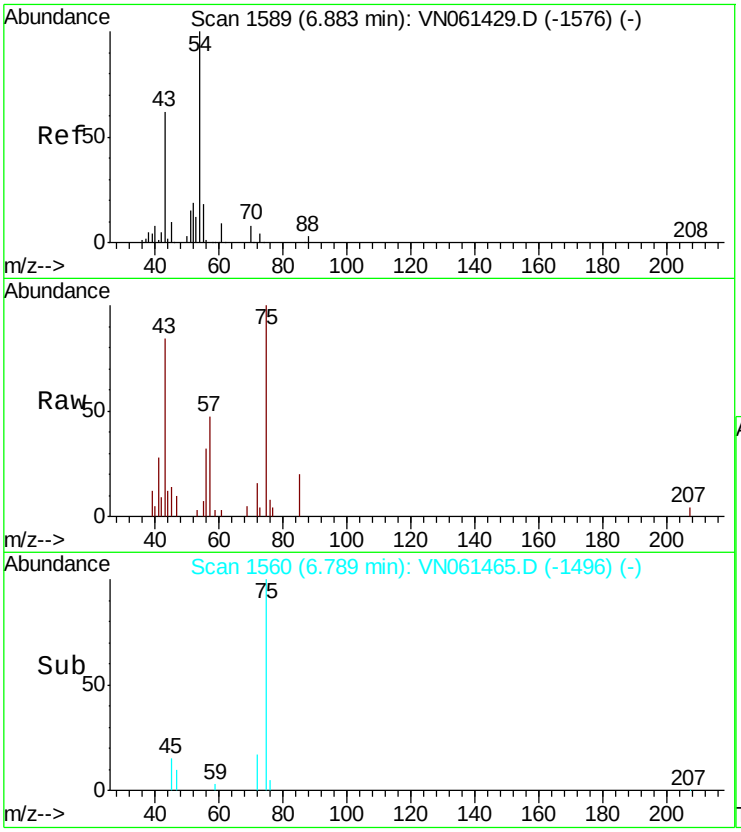


#36
1,1-Dichloropropene
Concen: 5.064 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.13 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 75 Resp: 24403

Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.3	51.9#
77	15.4	24.9	37.3#



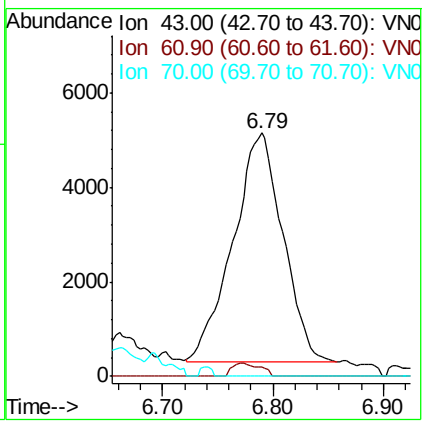


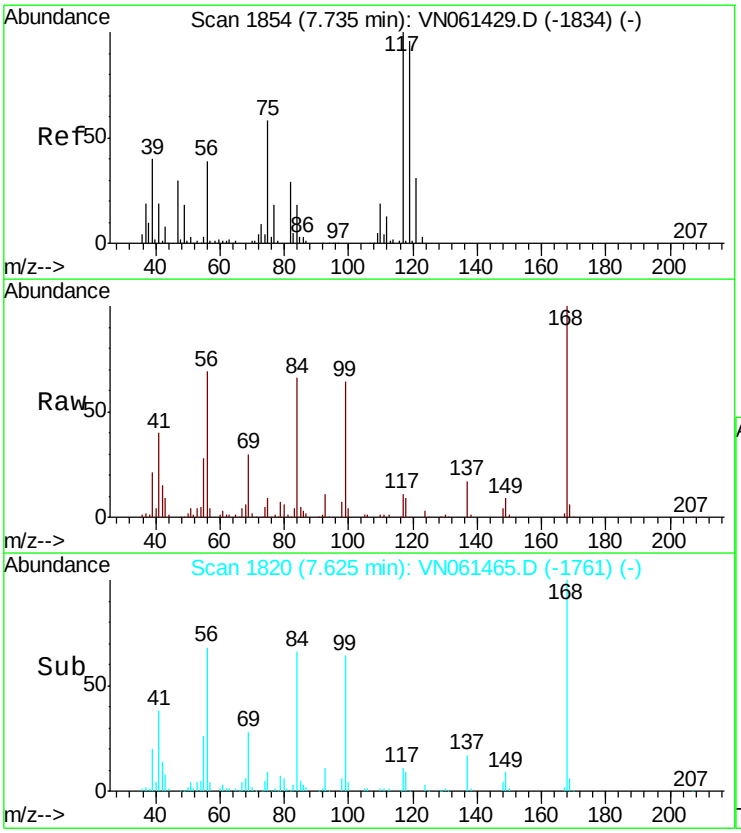
#37
Ethyl Acetate
Concen: 3.498 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.09 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 15285

Ion	Ratio	Lower	Upper
43	100		
61	3.3	11.7	17.5#
70	0.0	9.2	13.8#

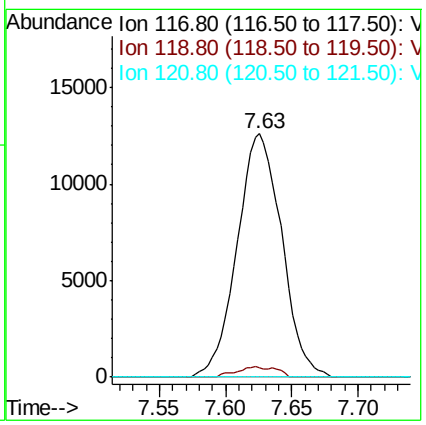


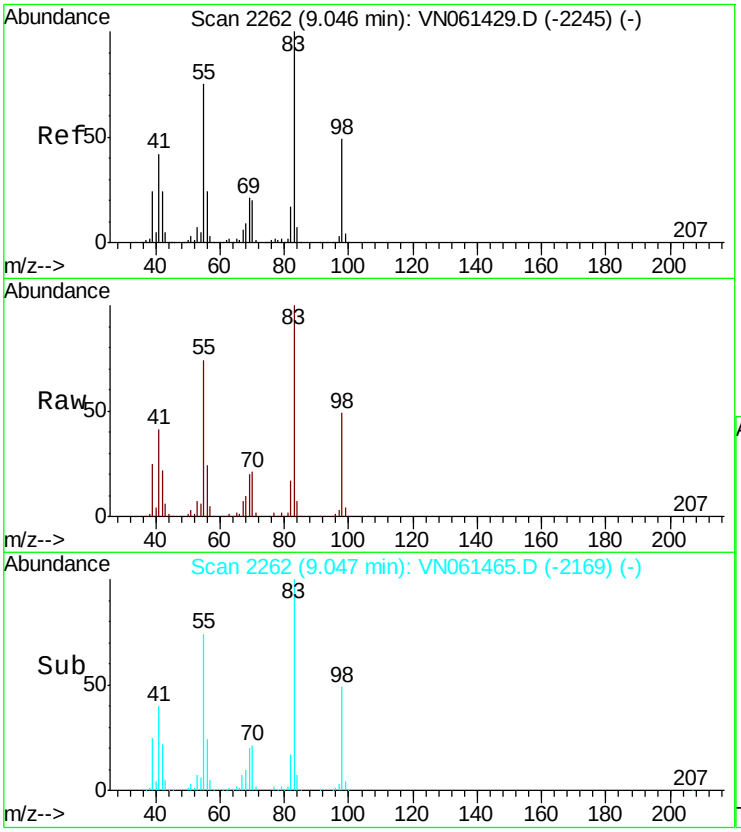


#38
Carbon Tetrachloride
Concen: 6.652 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion:117 Resp: 29516

Ion	Ratio	Lower	Upper
117	100		
119	4.0	77.0	115.6#
121	0.0	24.7	37.1#



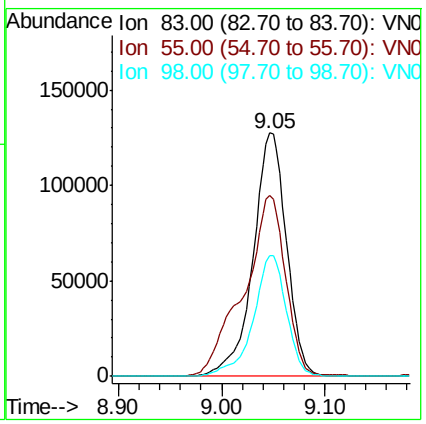


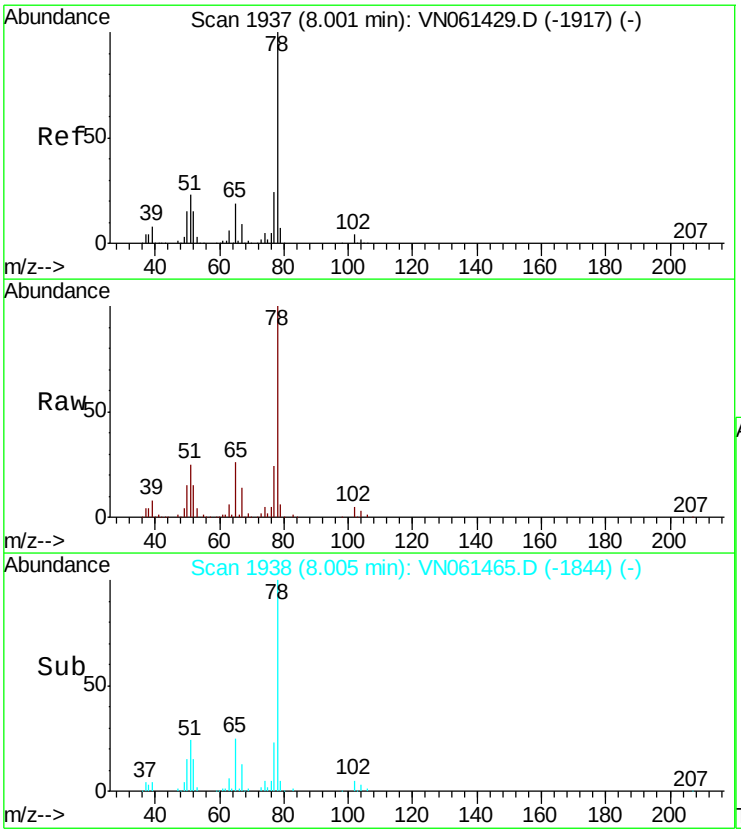
#39
Methylcyclohexane
Concen: 48.548 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 285742

Ion	Ratio	Lower	Upper
83	100		
55	74.1	59.7	89.5
98	49.4	38.9	58.3

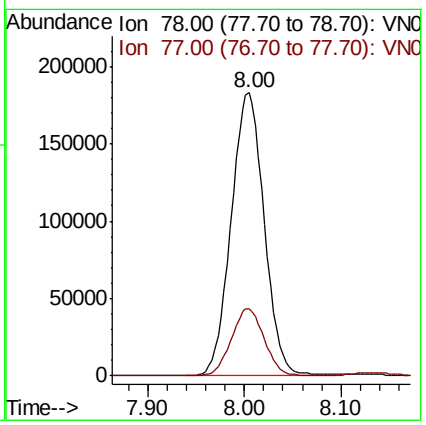


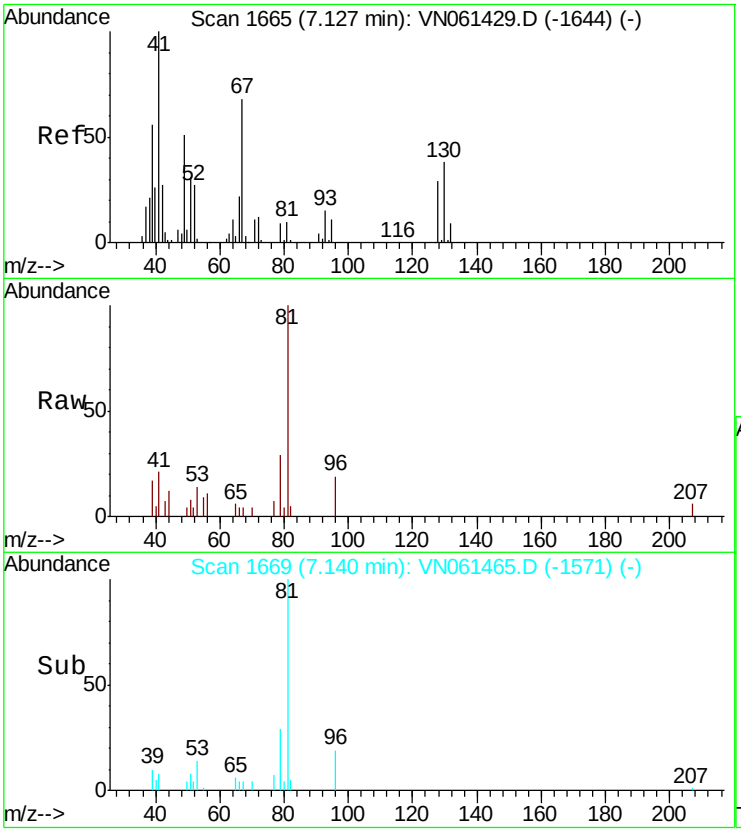


#40
Benzene
Concen: 29.922 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 78 Resp: 434535

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7



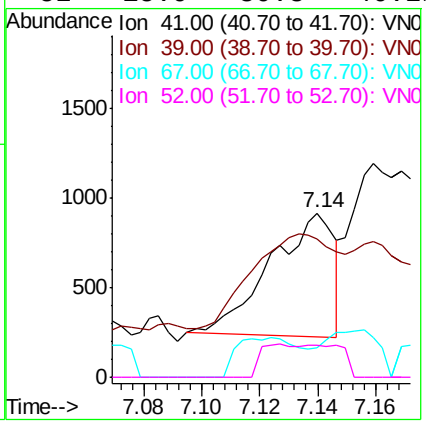


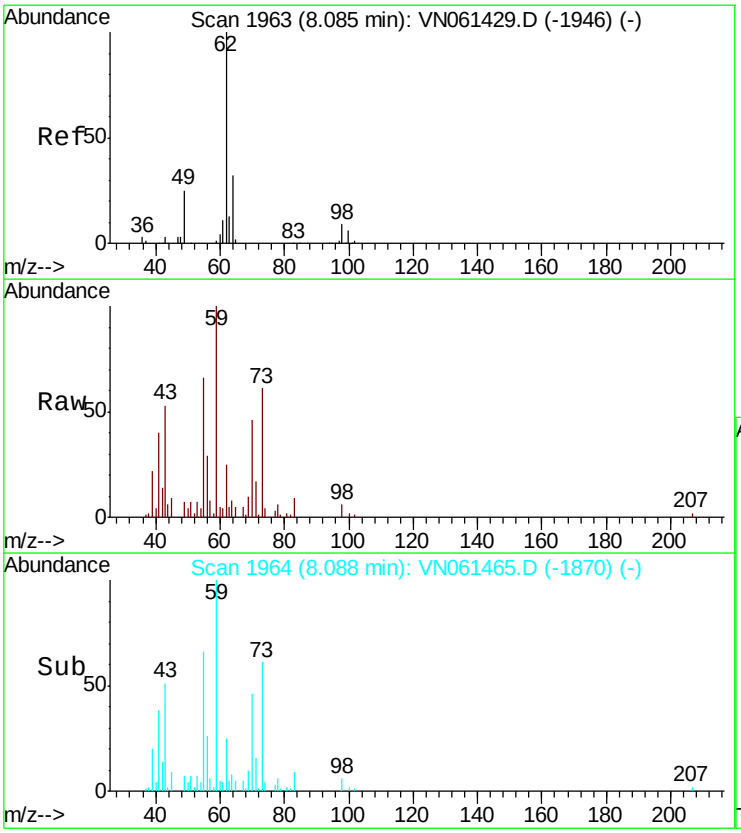
#41
Methacrylonitrile
Concen: 0.573 ug/l
RT: 7.14 min Scan# 1669
Delta R.T. 0.01 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 1058

Ion	Ratio	Lower	Upper
41	100		
39	98.4	48.3	72.5#
67	0.0	74.2	111.4#
52	15.9	30.8	46.2#

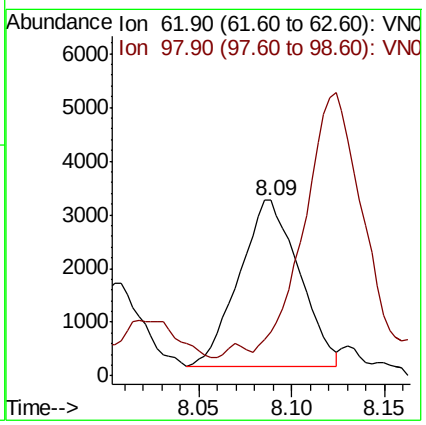


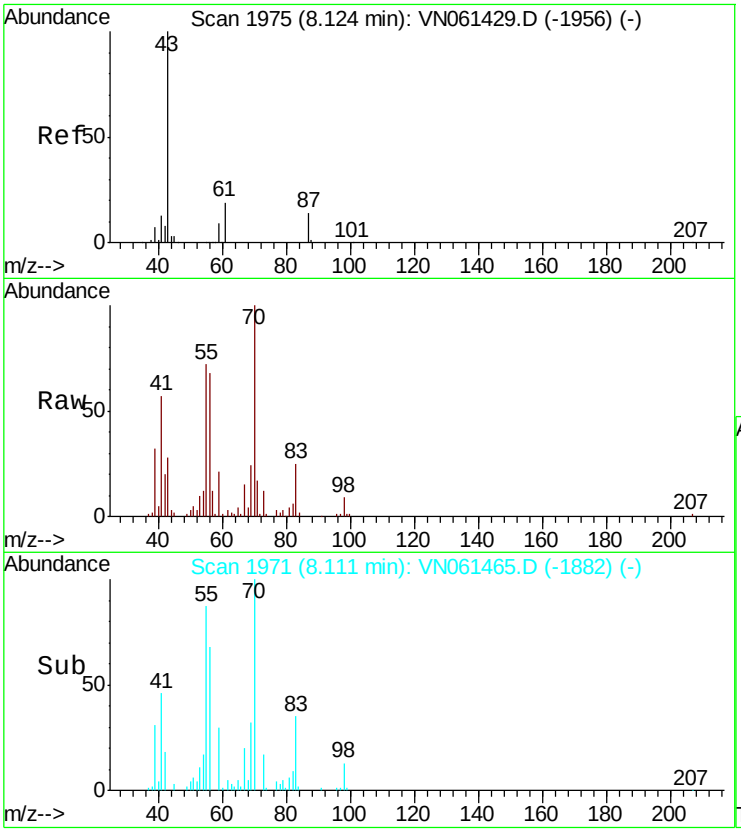


#42
1,2-Dichloroethane
Concen: 1.335 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 62 Resp: 6987

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.4



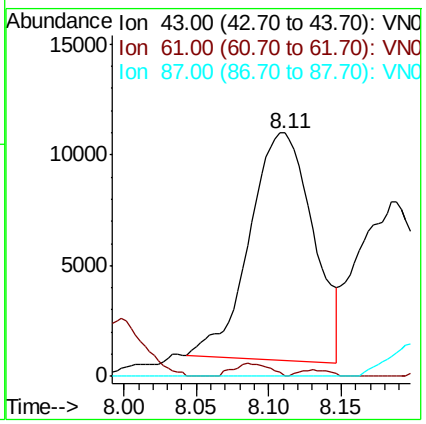


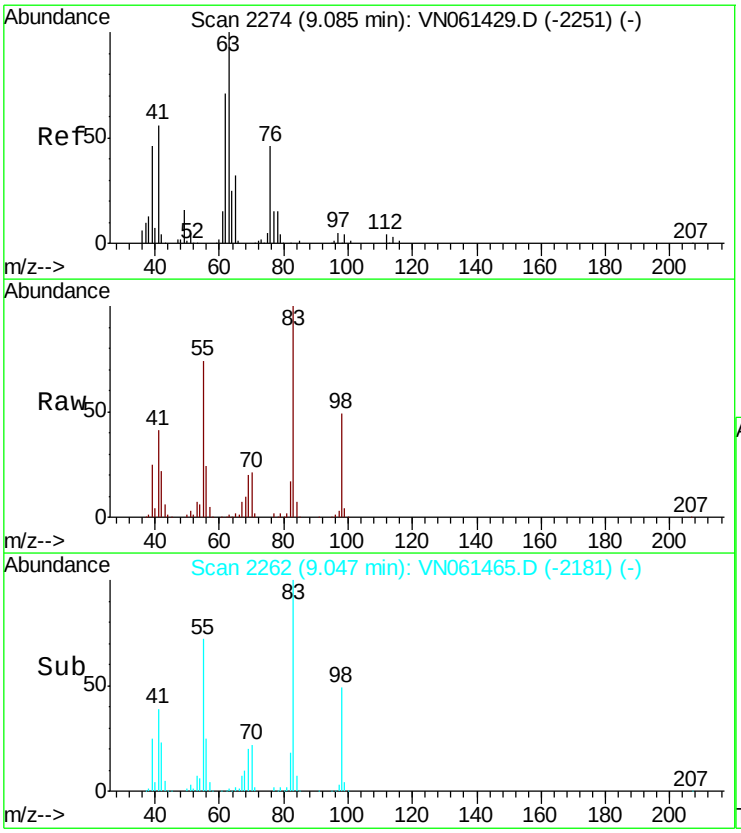
#43
Isopropyl Acetate
Concen: 4.107 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.01 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 31302

Ion	Ratio	Lower	Upper
43	100		
61	1.4	23.0	34.4#
87	0.0	11.6	17.4#

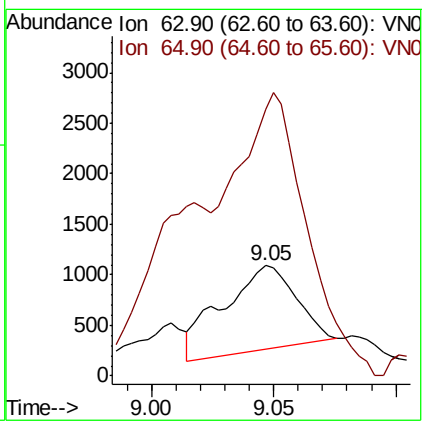


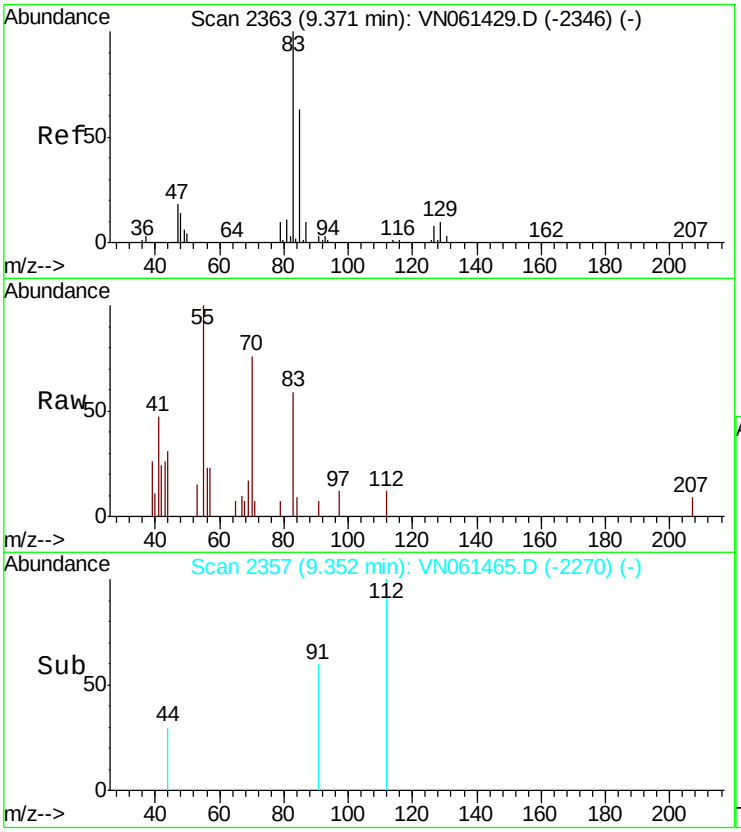


#45
1,2-Dichloropropane
Concen: 0.483 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.04 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 63 Resp: 1757

Ion	Ratio	Lower	Upper
63	100		
65	291.0	25.2	37.8#



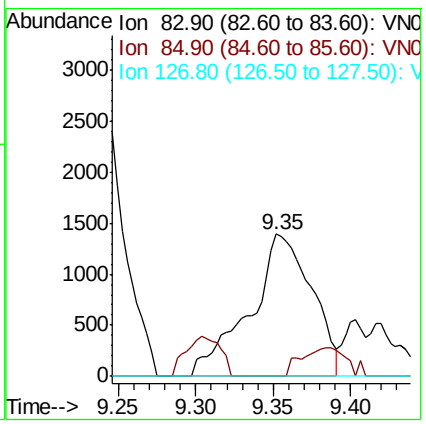


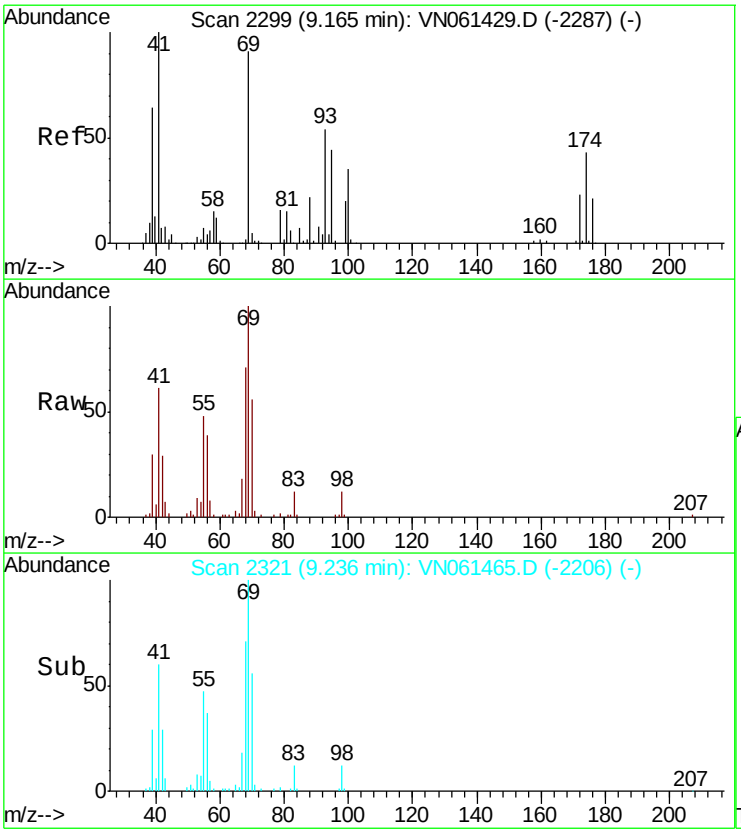
#47
Bromodichloromethane
Concen: 0.725 ug/l
RT: 9.35 min Scan# 2357
Delta R.T. -0.02 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 3894

Ion	Ratio	Lower	Upper
83	100		
85	0.0	50.6	76.0#
127	0.0	6.1	9.1#

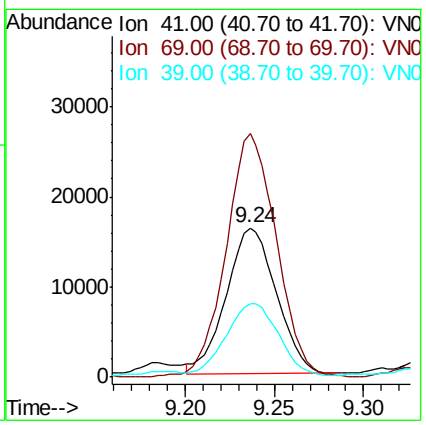


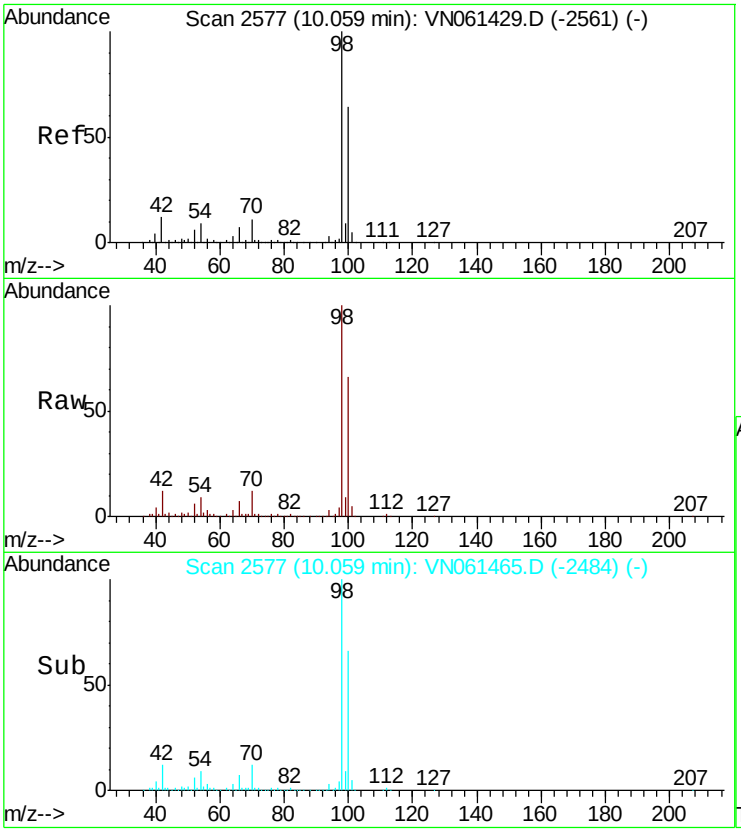


#48
Methyl methacrylate
Concen: 8.992 ug/l
RT: 9.24 min Scan# 2321
Delta R.T. 0.07 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 41 Resp: 31662

Ion	Ratio	Lower	Upper
41	100		
69	167.3	75.3	112.9#
39	51.4	52.6	79.0#



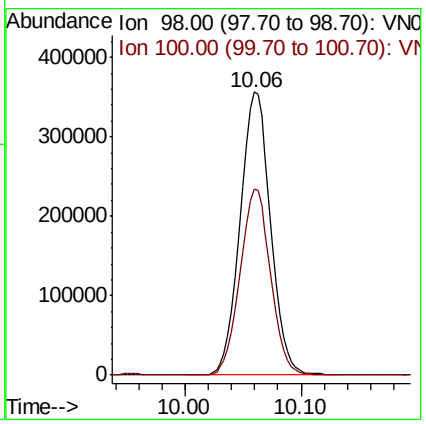


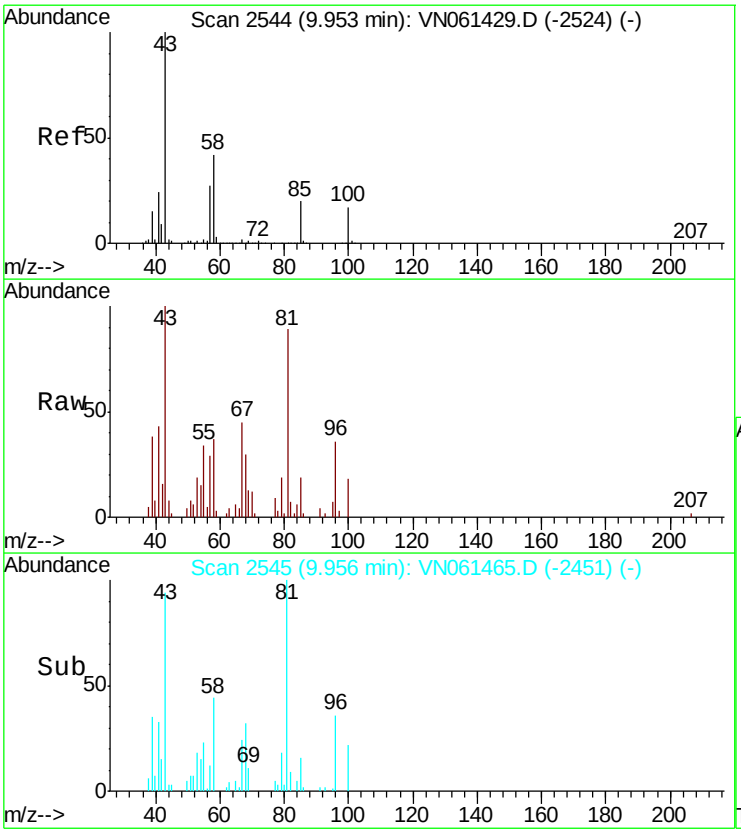
#50
Toluene-d8
Concen: 52.046 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 651755

Ion	Ratio	Lower	Upper
98	100		
100	65.9	51.8	77.8

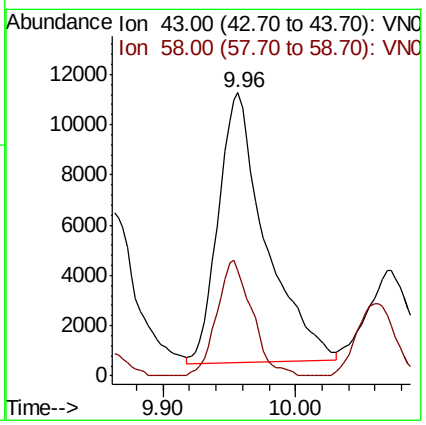


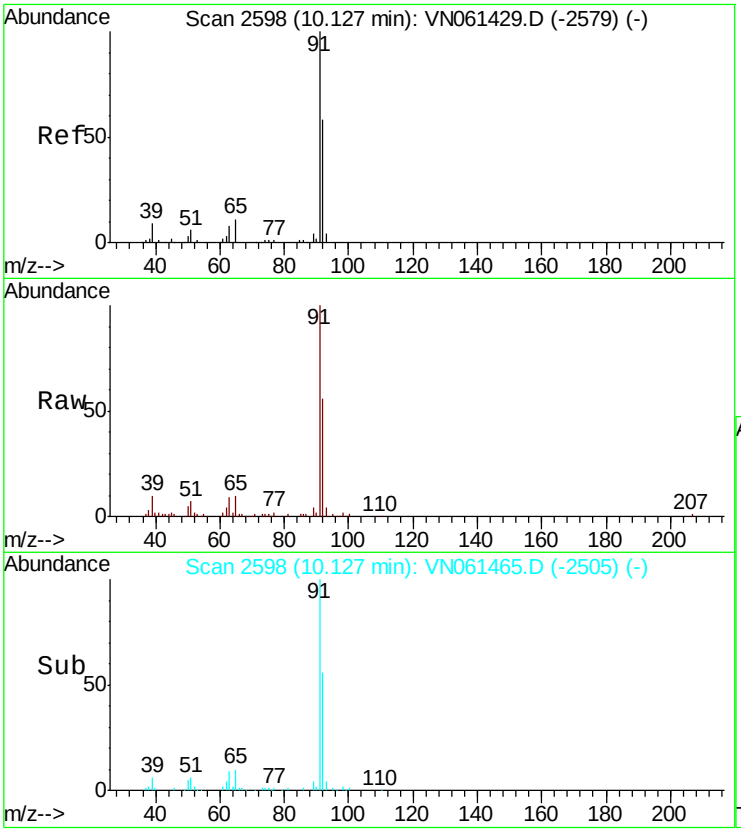


#51
4-Methyl-2-Pentanone
Concen: 6.423 ug/l
RT: 9.96 min Scan# 2545
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 43 Resp: 26668

Ion	Ratio	Lower	Upper
43	100		
58	31.8	33.4	50.2#



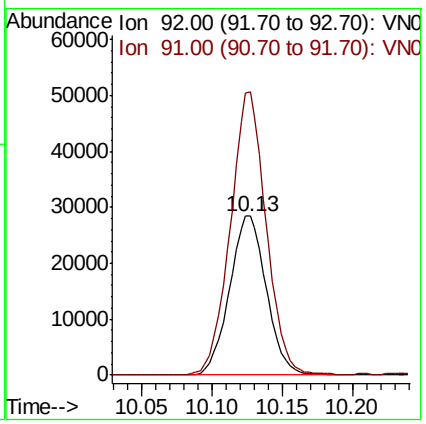


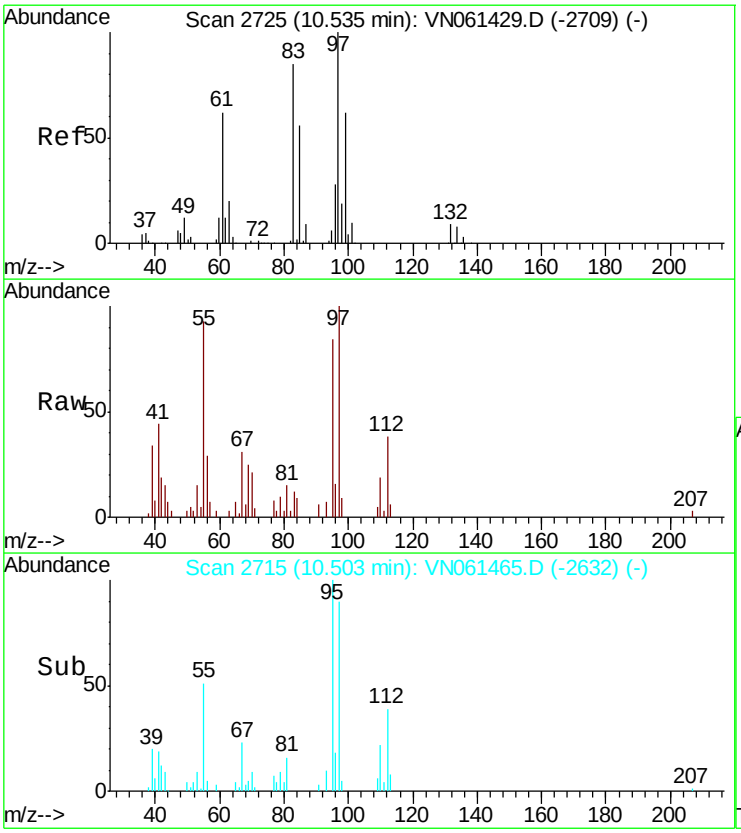
#52
Toluene
Concen: 5.563 ug/l
RT: 10.13 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 92 Resp: 51865

Ion	Ratio	Lower	Upper
92	100		
91	173.1	138.0	207.0

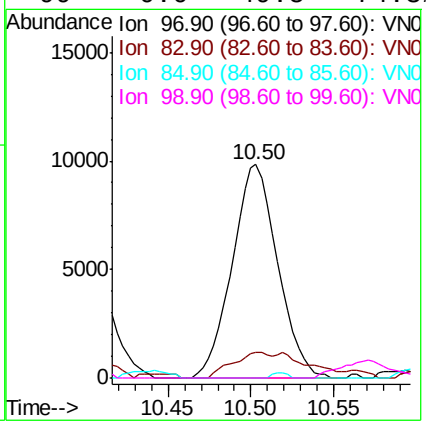


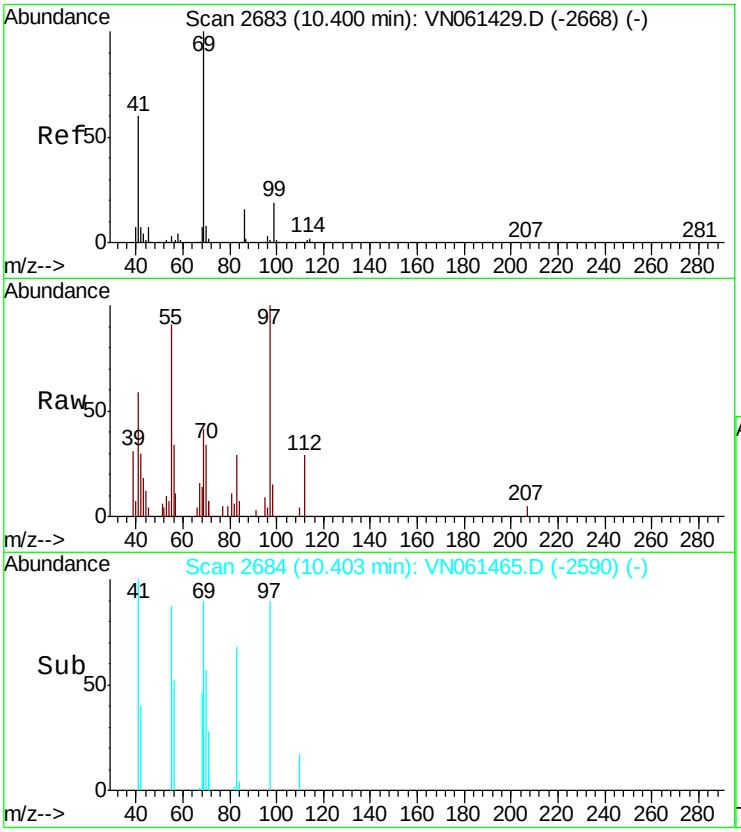


#55
1,1,2-Trichloroethane
Concen: 5.315 ug/l
RT: 10.50 min Scan# 2715
Delta R.T. -0.03 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 97 Resp: 18734

Ion	Ratio	Lower	Upper
97	100		
83	12.3	68.2	102.4#
85	0.0	44.6	67.0#
99	0.0	49.5	74.3#



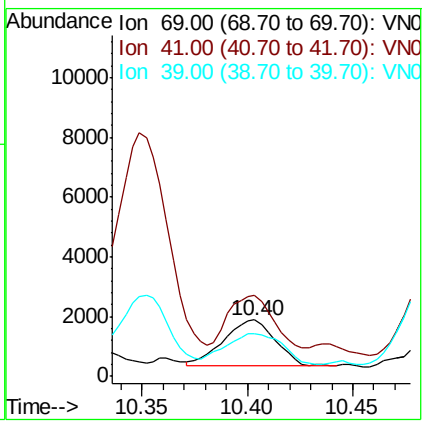


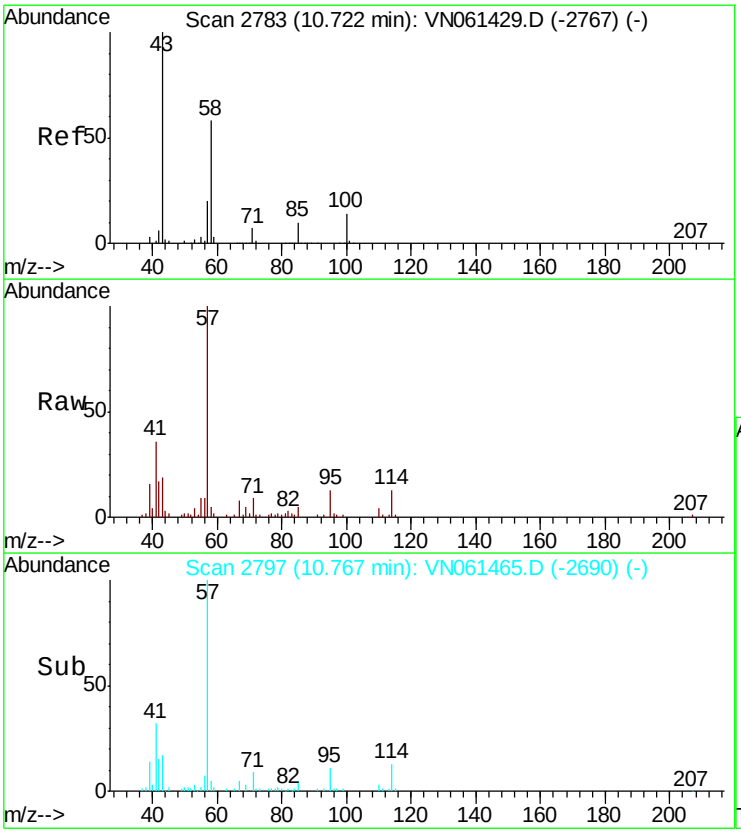
#56
Ethyl methacrylate
Concen: 0.469 ug/l
RT: 10.40 min Scan# 2684
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 69 Resp: 2585

Ion	Ratio	Lower	Upper
69	100		
41	96.0	48.3	72.5#
39	74.1	30.2	45.2#

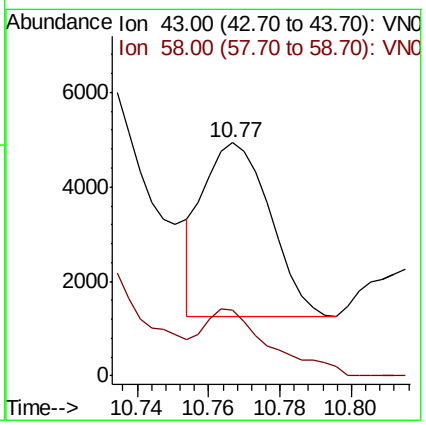


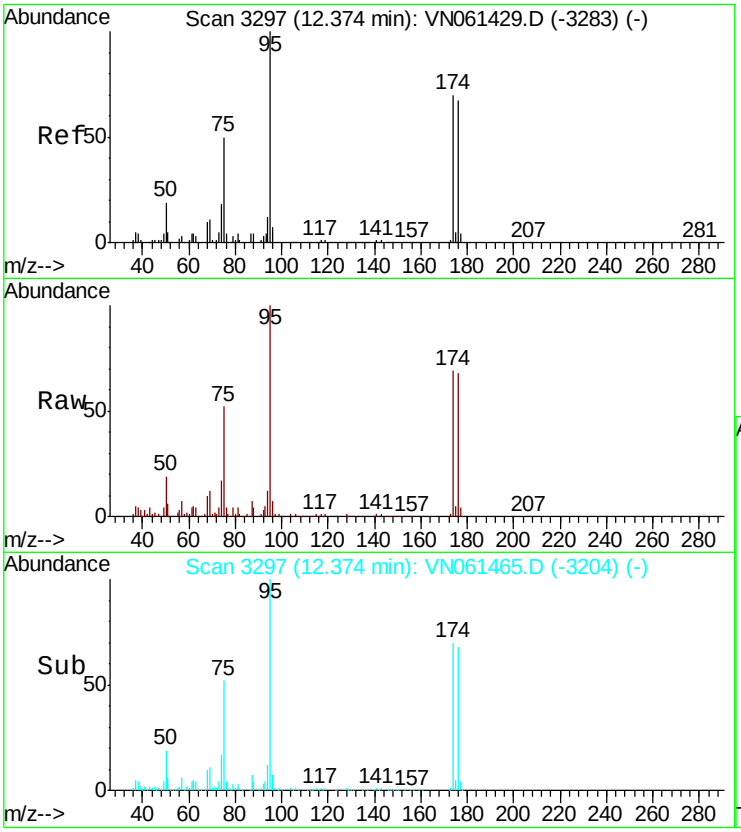


#59
2-Hexanone
Concen: 1.594 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.05 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 43 Resp: 4787

Ion	Ratio	Lower	Upper
43	100		
58	38.9	29.2	87.6



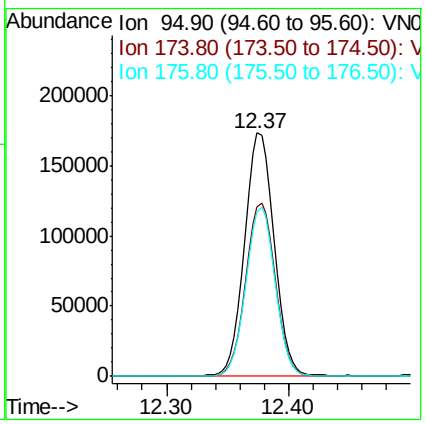


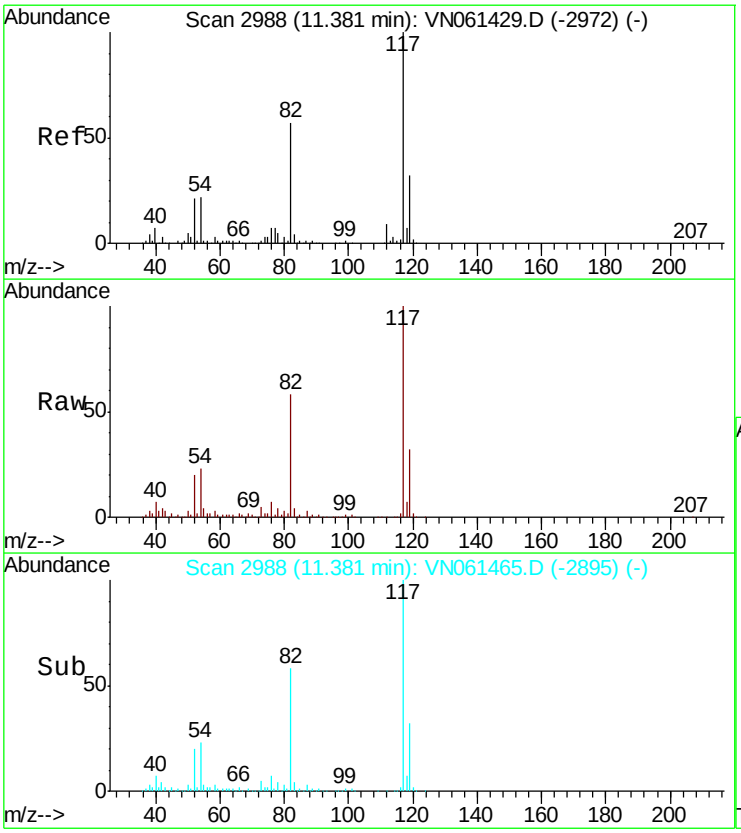
#62
4-Bromofluorobenzene
Concen: 61.152 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 286103

Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	141.2
176	69.4	0.0	137.6

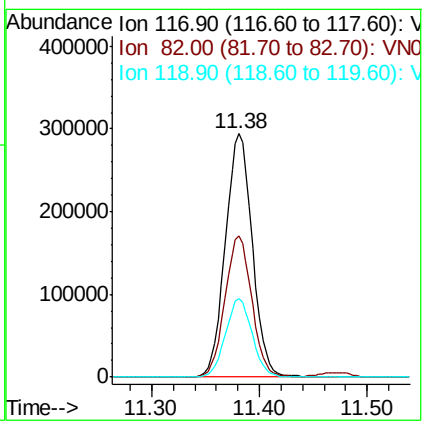


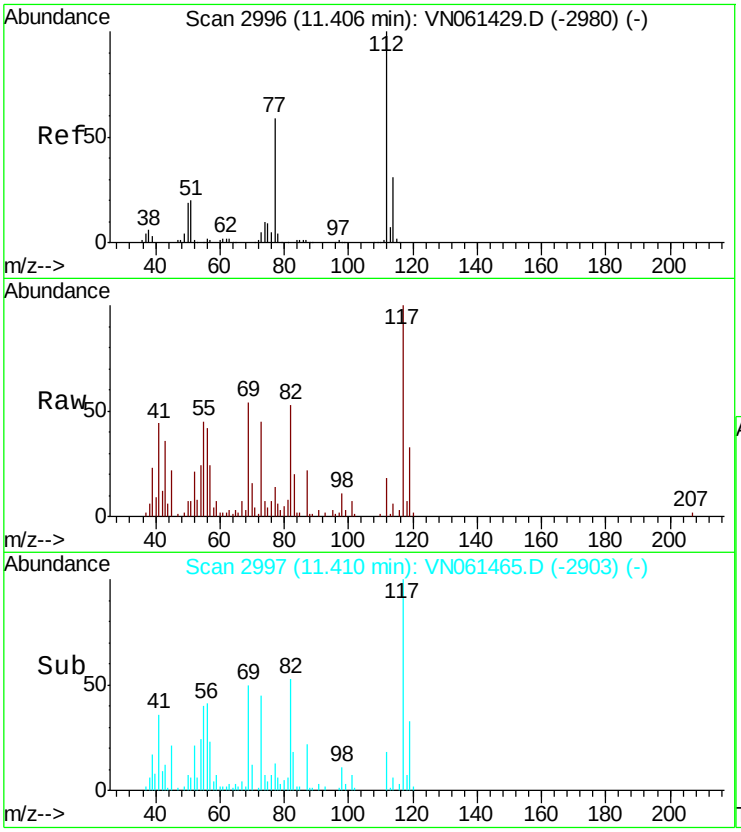


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion:117 Resp: 512562

Ion	Ratio	Lower	Upper
117	100		
82	57.7	45.2	67.8
119	32.1	25.3	37.9



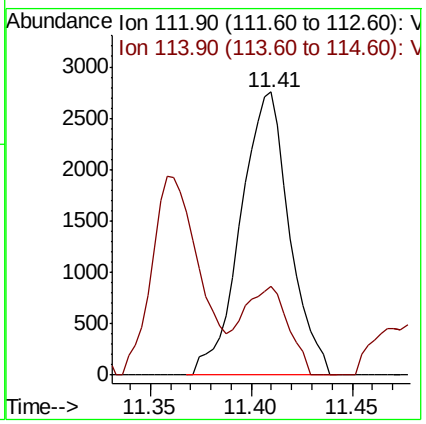


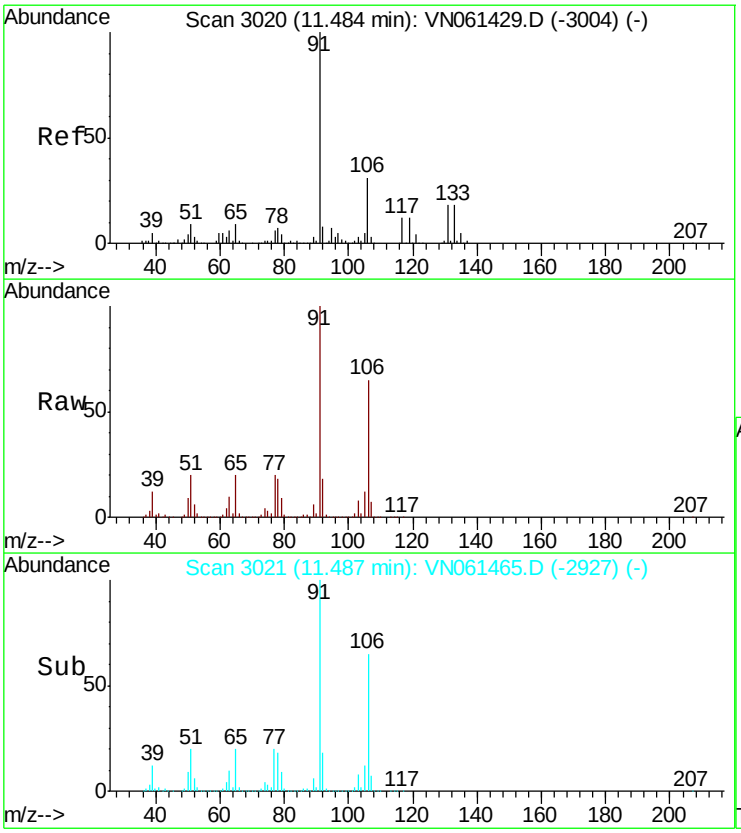
#65
Chlorobenzene
Concen: 0.446 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:112 Resp: 4657

Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.0	37.6

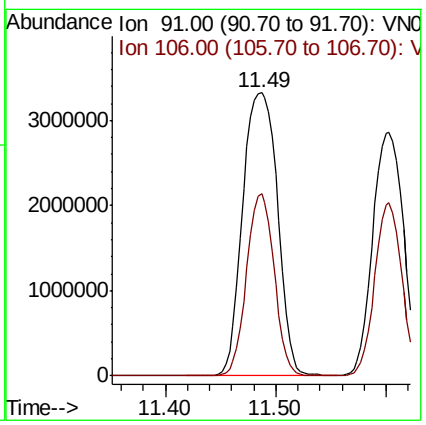


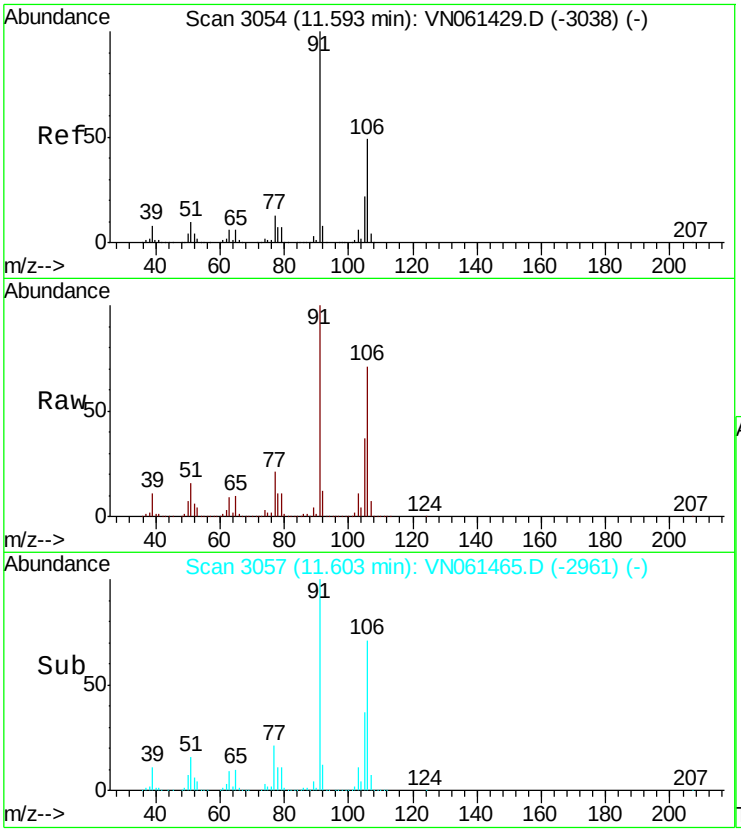


#67
Ethyl Benzene
Concen: 382.273 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 91 Resp: 7293611

Ion	Ratio	Lower	Upper
91	100		
106	64.6	24.6	36.8#



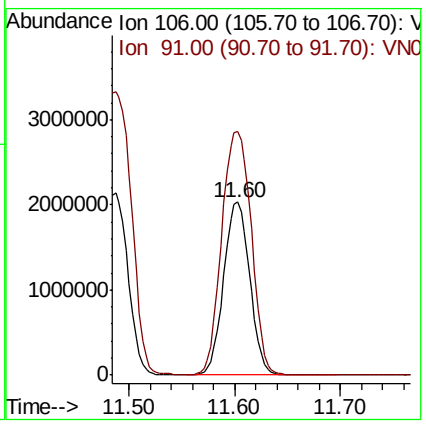


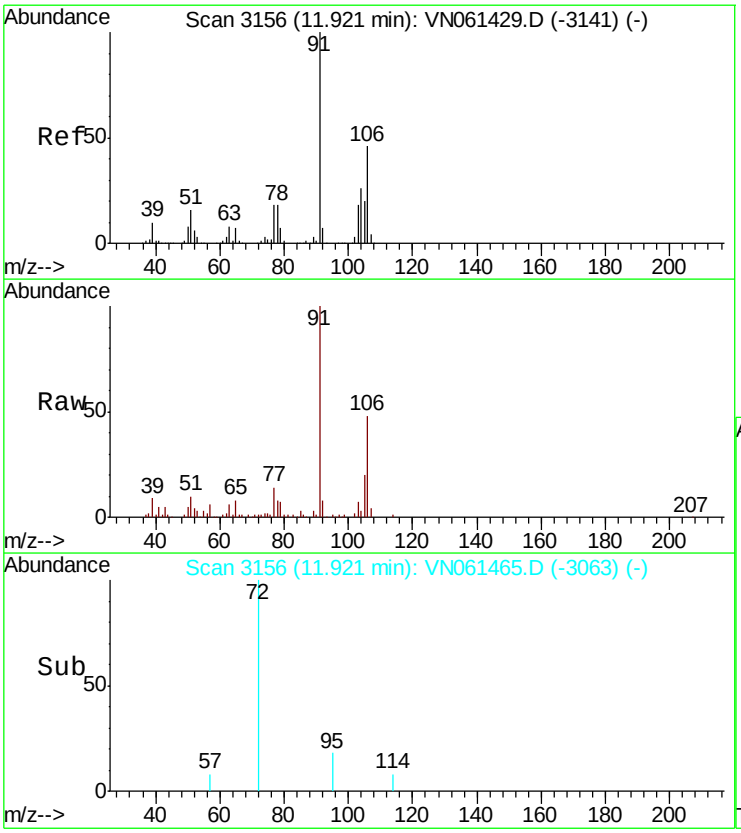
#68
m/p-Xylenes
Concen: 479.449 ug/l
RT: 11.60 min Scan# 3057
Delta R.T. 0.01 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 3472211

Ion	Ratio	Lower	Upper
106	100		
91	160.2	163.0	244.6#

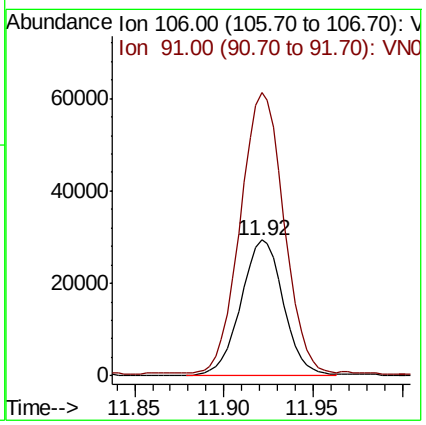


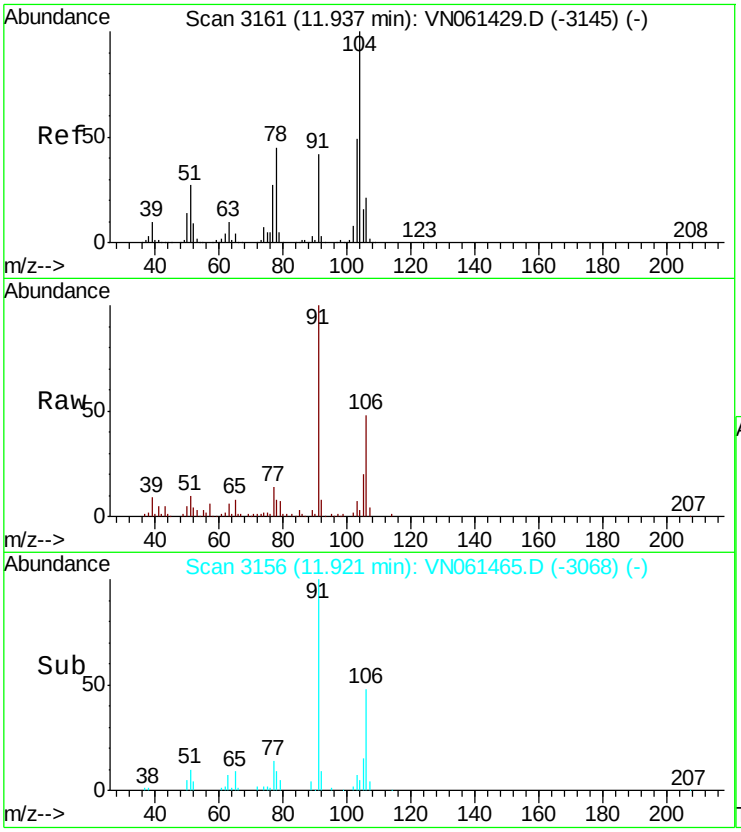


#69
o-Xylene
Concen: 6.997 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion:106 Resp: 49040

Ion	Ratio	Lower	Upper
106	100		
91	213.0	107.9	323.7



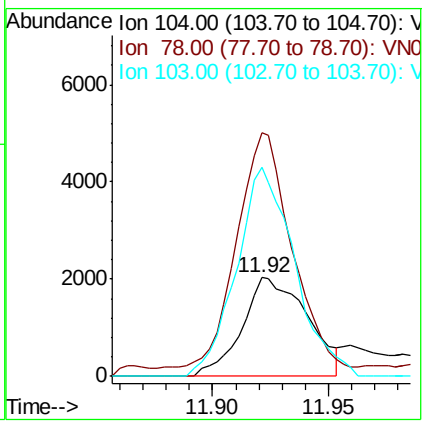


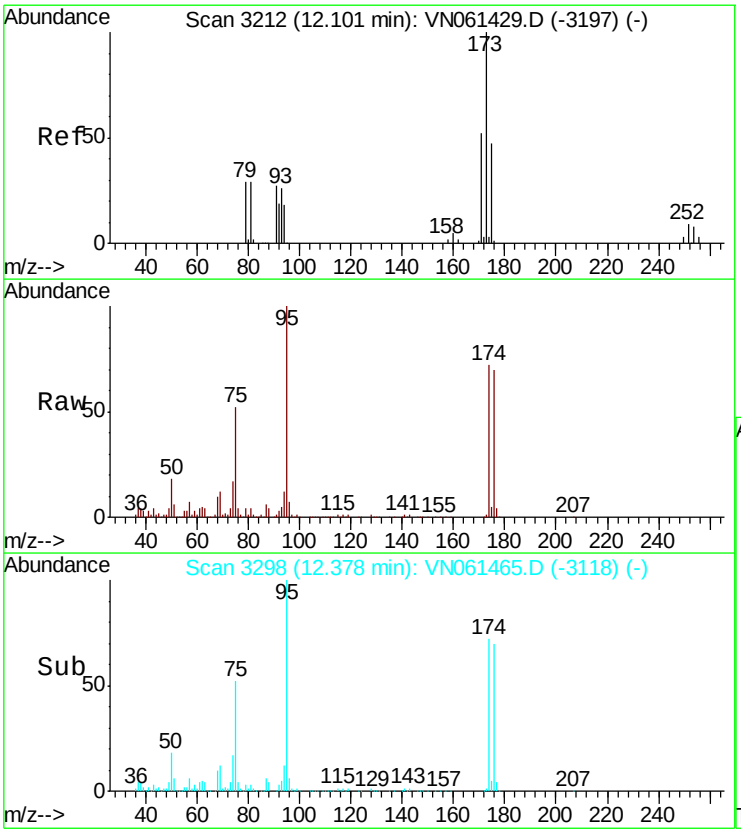
#70
Stvrene
Concen: 0.343 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.02 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:104 Resp: 3977

Ion	Ratio	Lower	Upper
104	100		
78	201.1	40.7	61.1#
103	188.9	43.0	64.4#

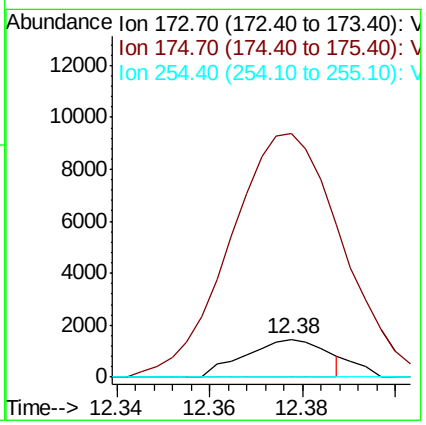


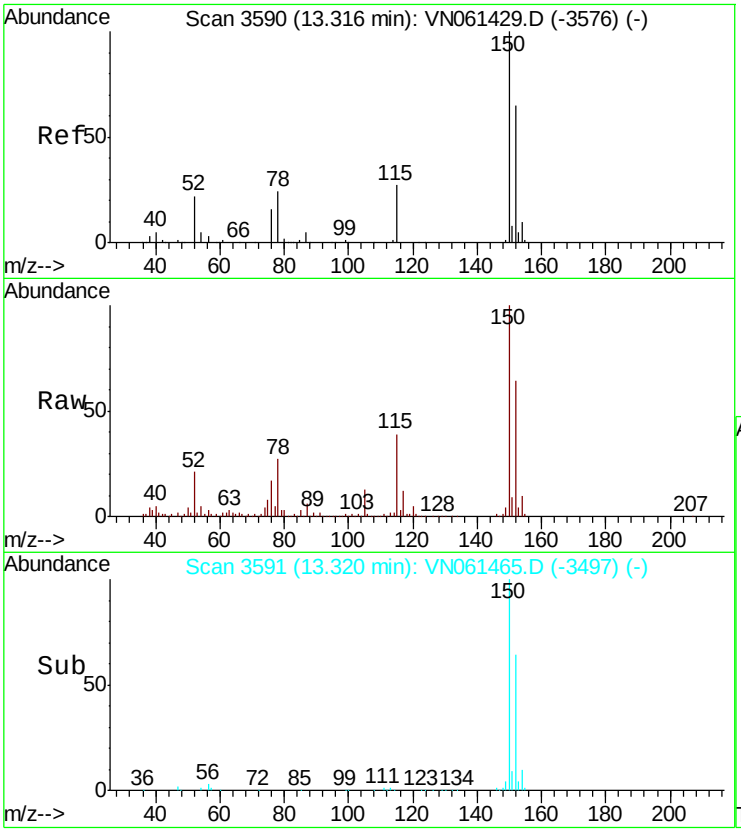


#71
Bromoform
Concen: 2.599 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion:173 Resp: 1756

Ion	Ratio	Lower	Upper
173	100		
175	778.3	23.9	71.8#
254	0.0	0.0	0.0



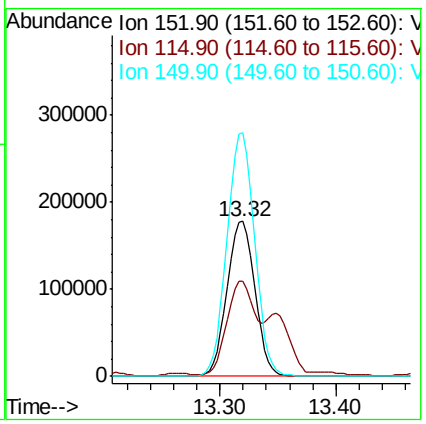


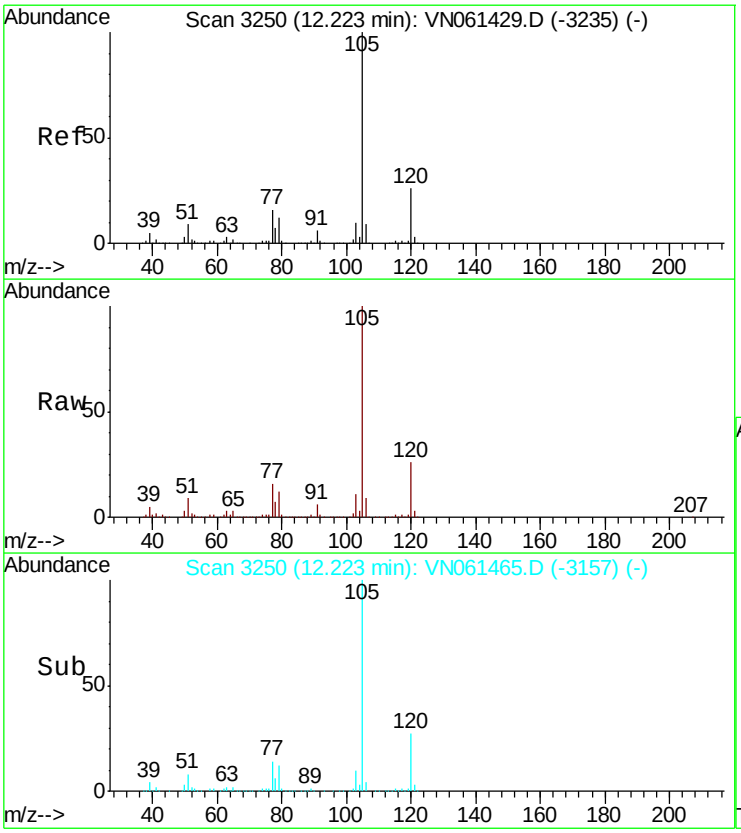
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 295436

Ion	Ratio	Lower	Upper
152	100		
115	61.8	30.9	92.5
150	156.1	0.0	349.2

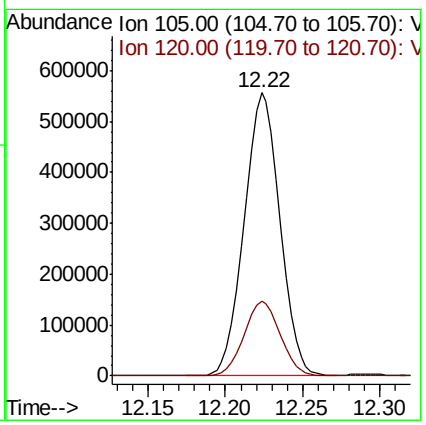


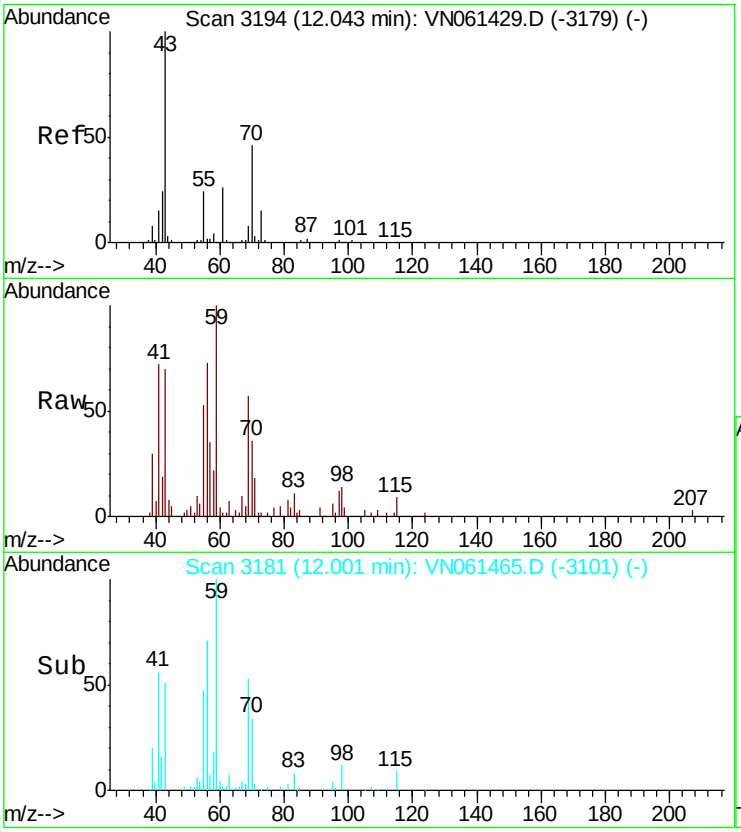


#73
Isopropylbenzene
Concen: 37.798 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion:105 Resp: 896460

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.0	39.0



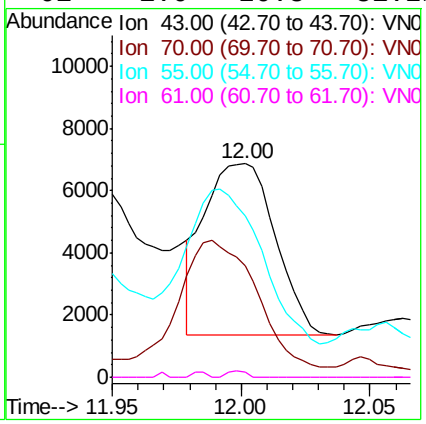


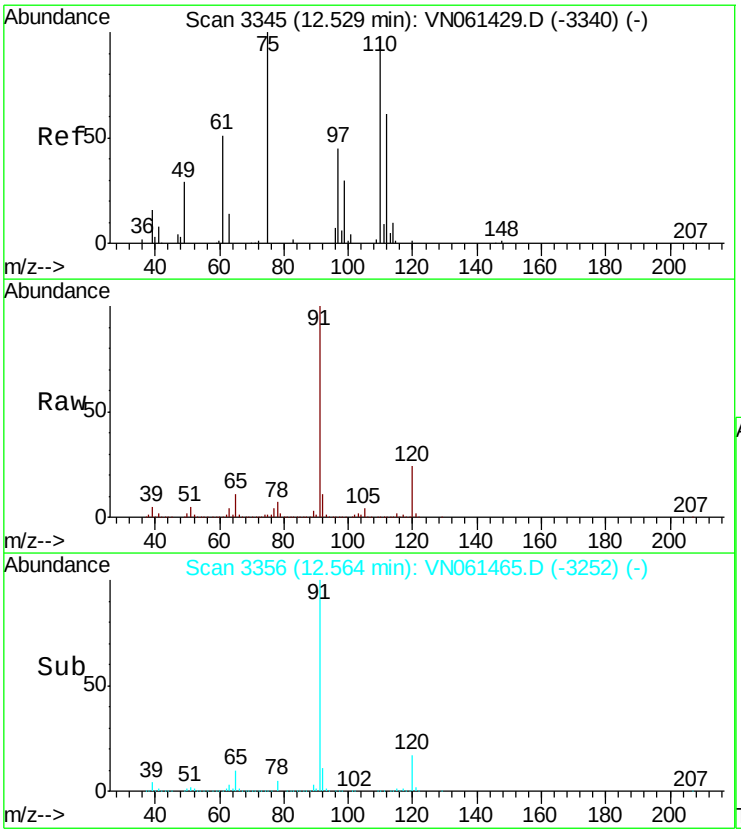
#74
N-amyl acetate
Concen: 1.212 ug/l
RT: 12.00 min Scan# 3181
Delta R.T. -0.04 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 10522

Ion	Ratio	Lower	Upper
43	100		
70	85.8	37.0	55.4#
55	97.6	19.5	29.3#
61	1.0	20.8	31.2#

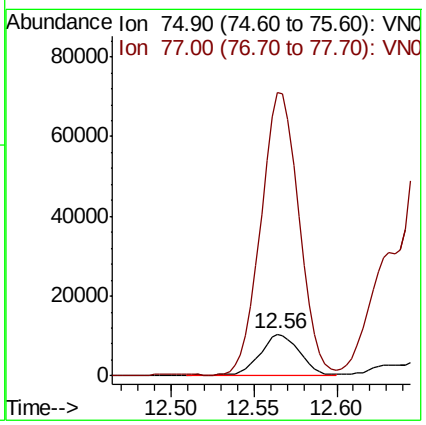


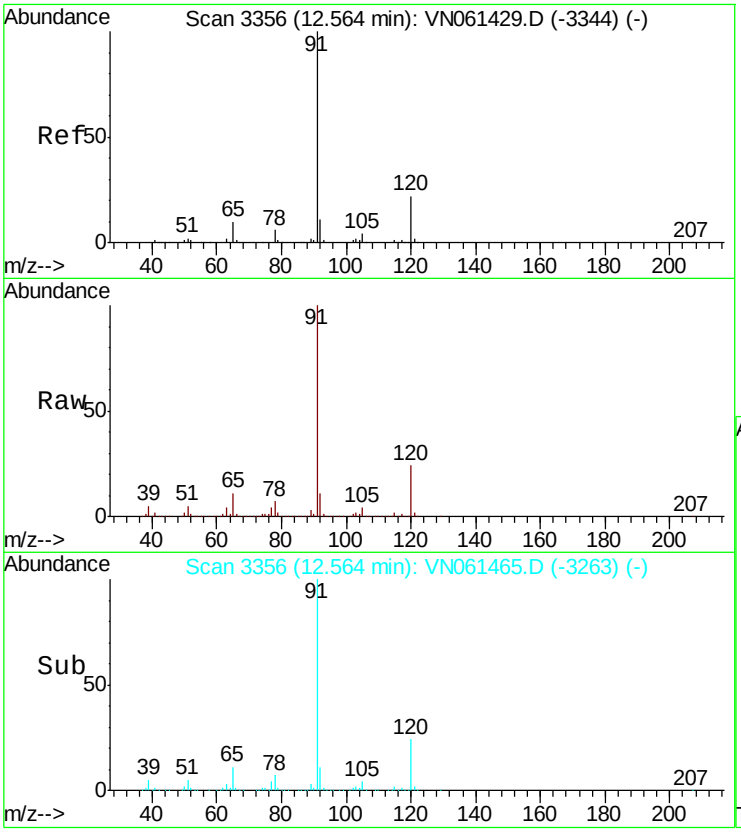


#76
1,2,3-Trichloropropane
Concen: 2.788 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. 0.04 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 75 Resp: 17673

Ion	Ratio	Lower	Upper
75	100		
77	639.2	0.0	0.0#



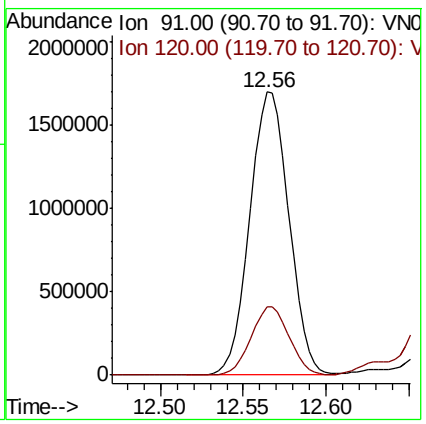


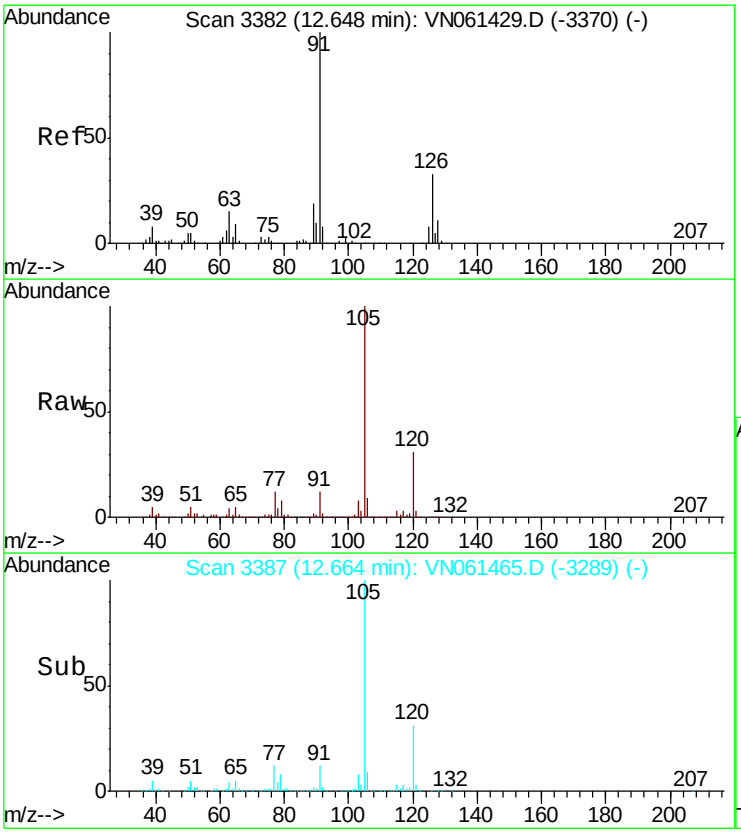
#78
n-propylbenzene
Concen: 103.258 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 2790393

Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.2	33.6

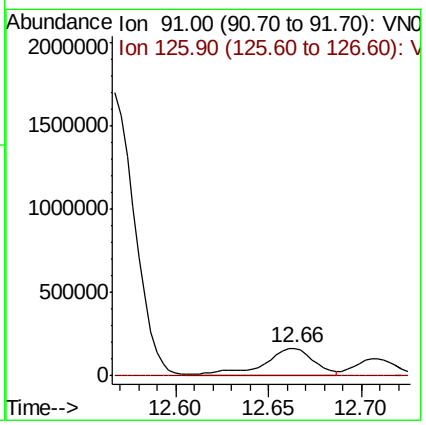


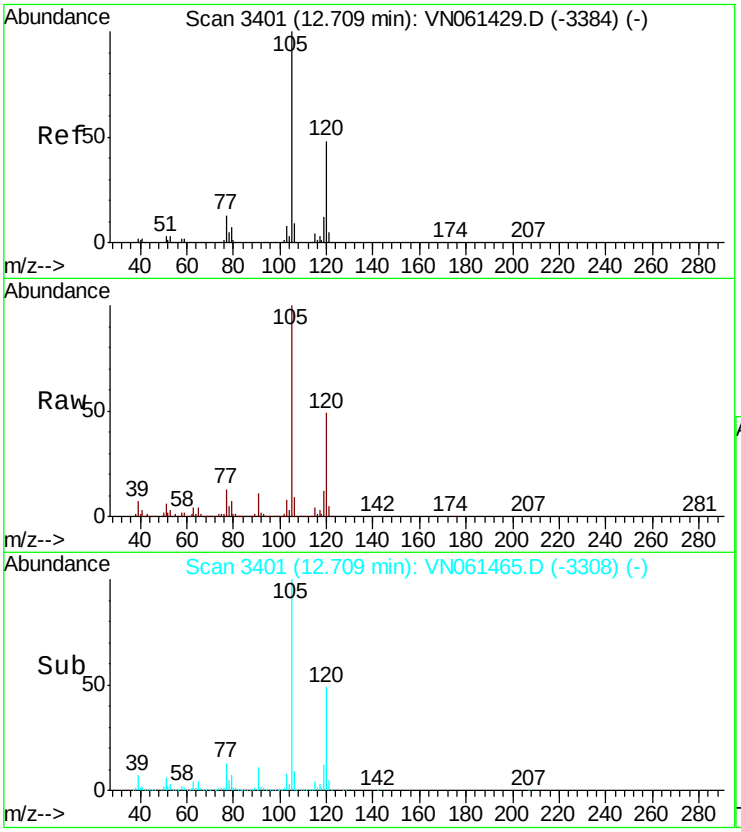


#79
2-Chlorotoluene
Concen: 20.006 ug/l
RT: 12.66 min Scan# 3387
Delta R.T. 0.02 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 91 Resp: 319556

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.3	48.9#



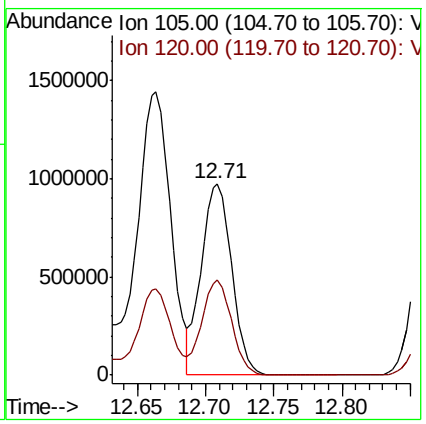


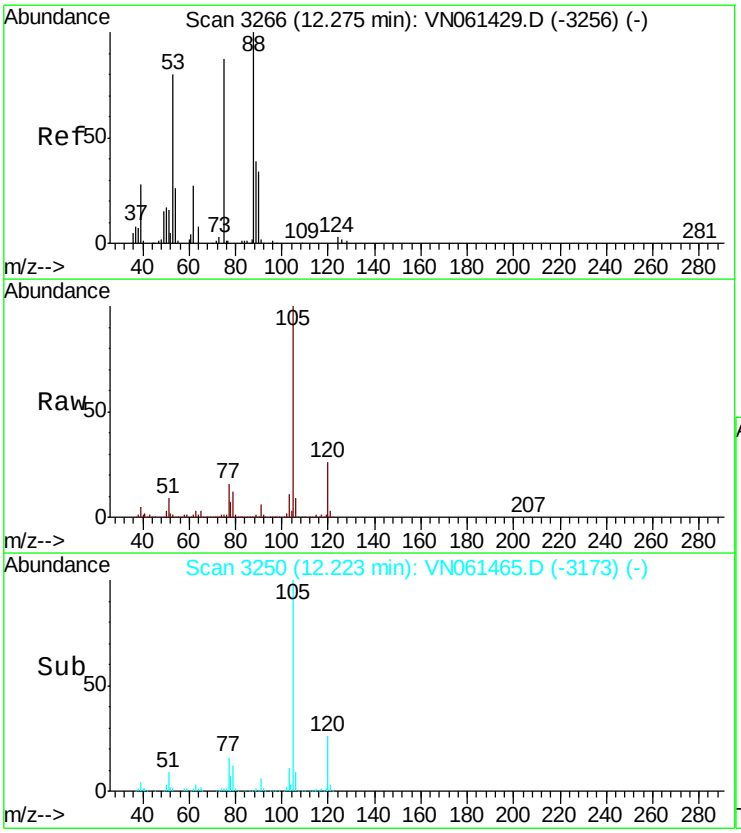
#80
1,3,5-Trimethylbenzene
Concen: 77.786 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 1510590

Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.1	72.4

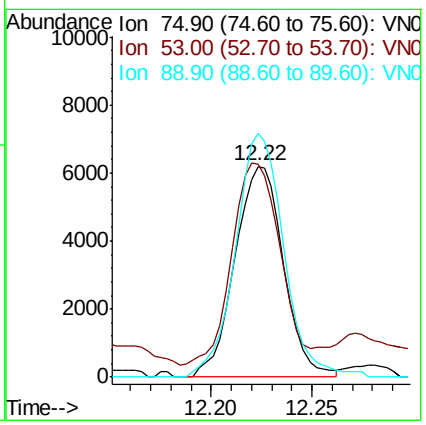


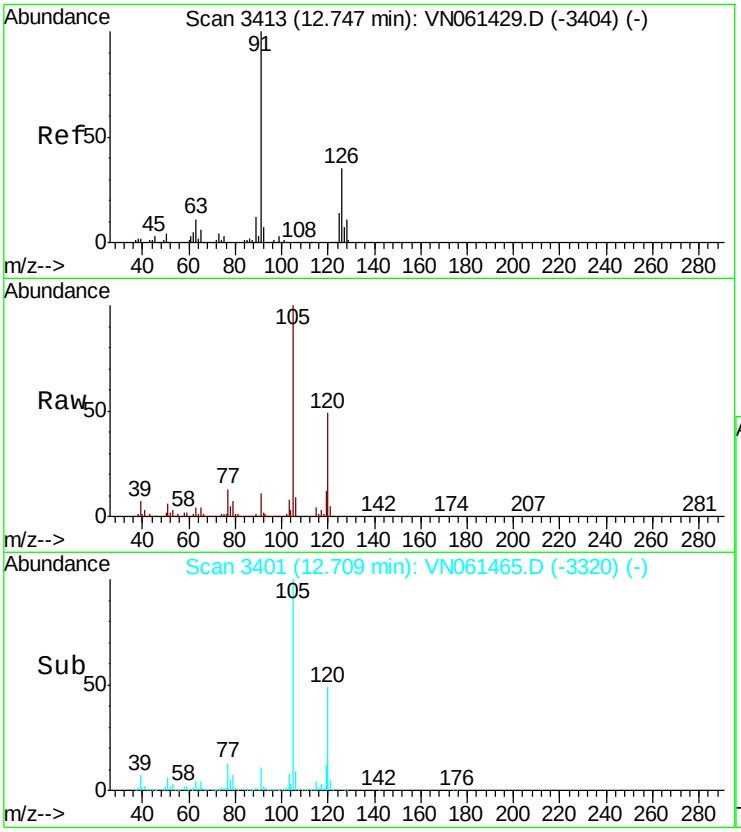


#81
trans-1,4-Dichloro-2-butene
Concen: 4.378 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.05 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 75 Resp: 10461

Ion	Ratio	Lower	Upper
75	100		
53	96.3	75.2	112.8
89	115.0	38.2	57.4#



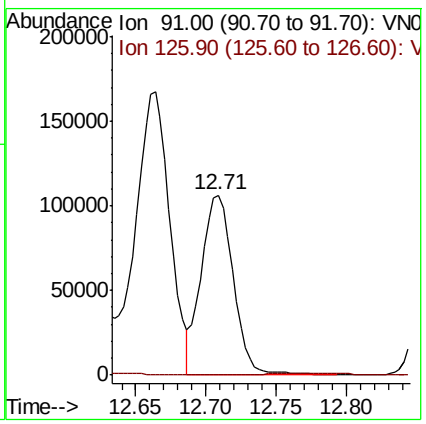


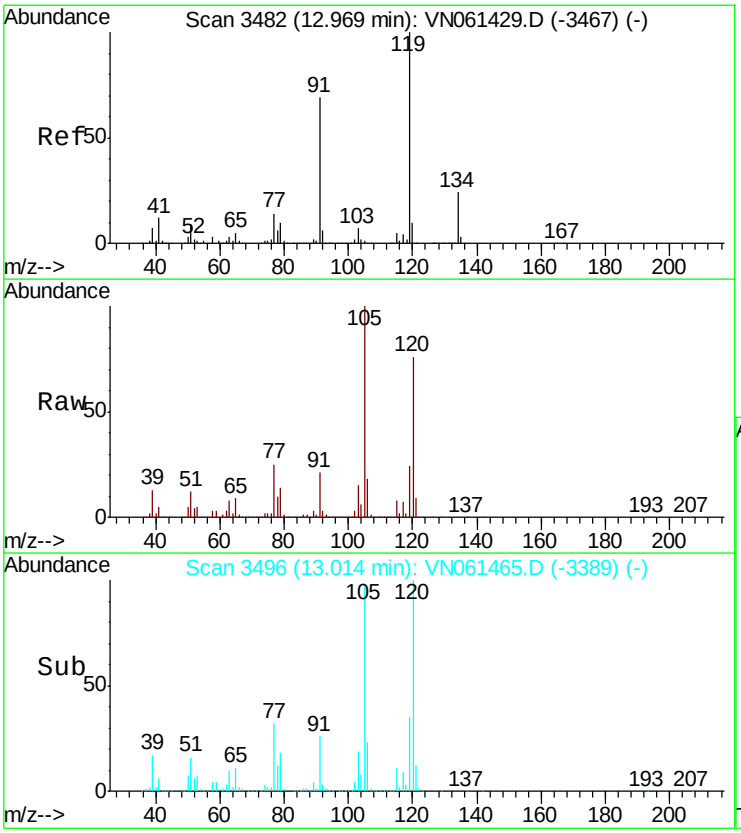
#82
4-Chlorotoluene
Concen: 10.007 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. -0.04 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 165509

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.1	48.2#

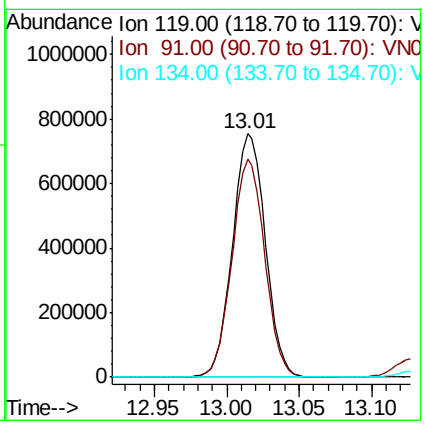


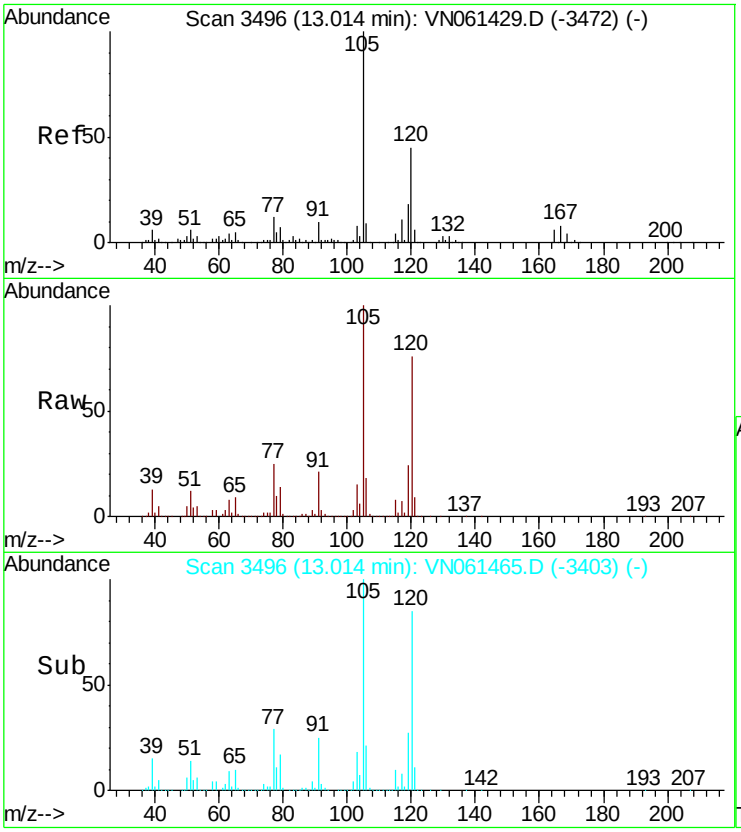


#83
tert-Butylbenzene
Concen: 71.114 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.05 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion:119 Resp: 1182933

Ion	Ratio	Lower	Upper
119	100		
91	89.8	33.7	101.0
134	0.0	12.8	38.3#



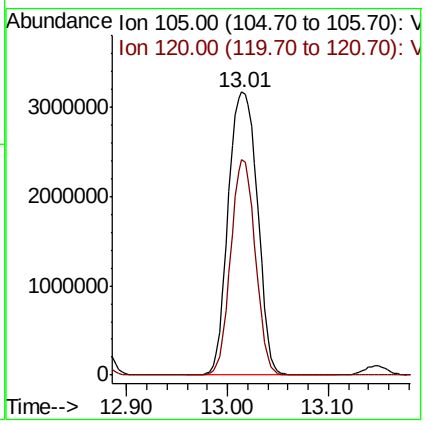


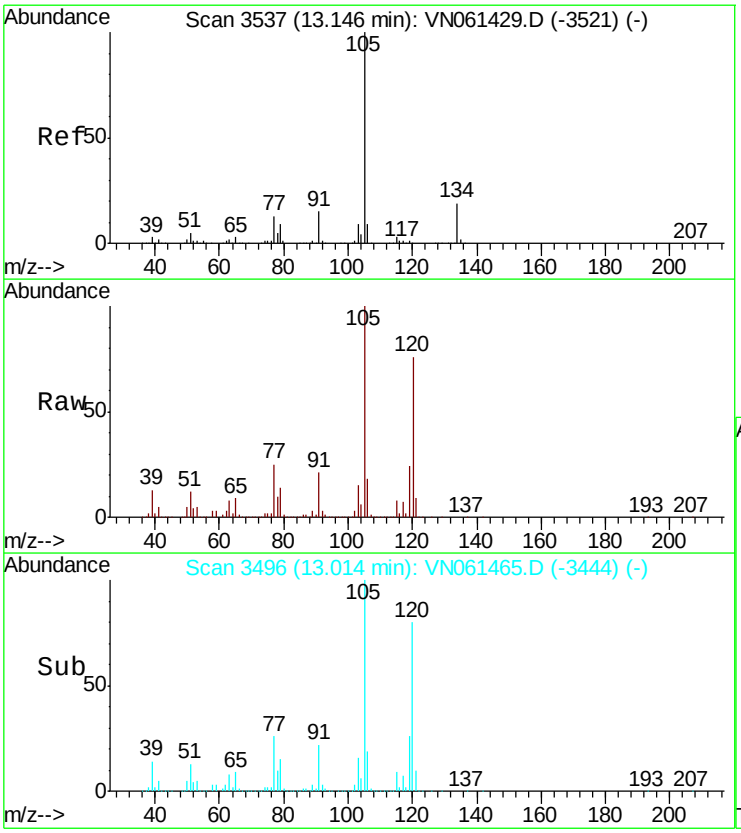
#84
1,2,4-Trimethylbenzene
Concen: 327.869 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 6372098

Ion	Ratio	Lower	Upper
105	100		
120	64.4	22.4	67.3

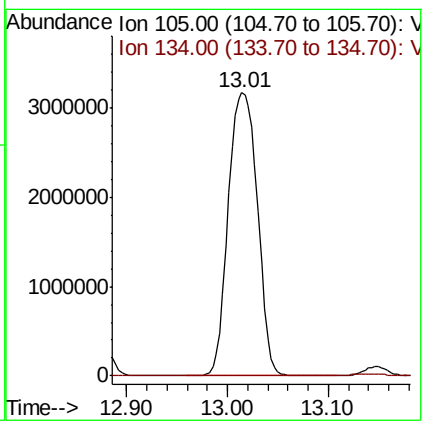


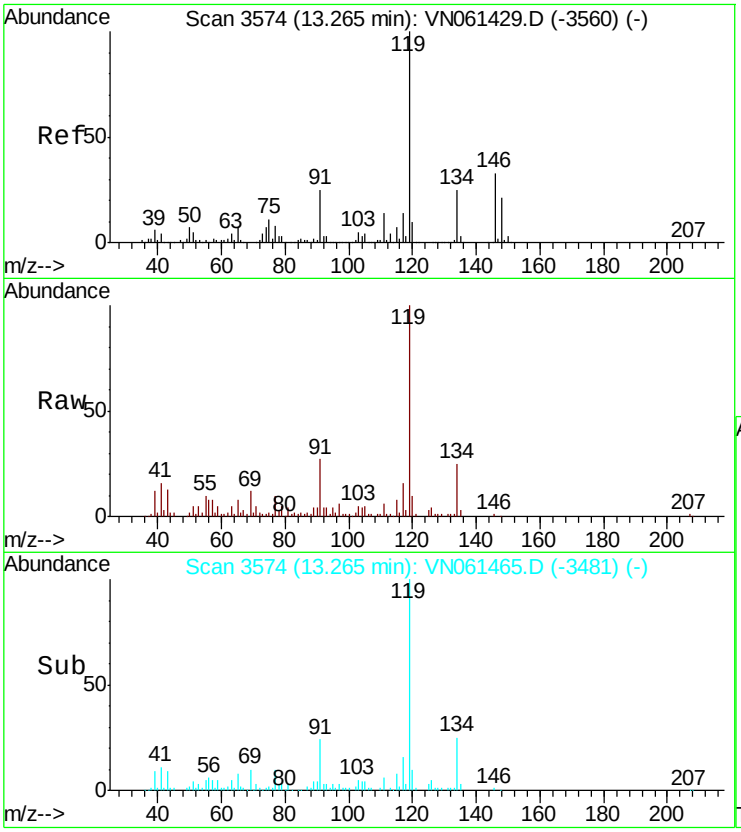


#85
sec-Butylbenzene
Concen: 283.289 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.13 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion:105 Resp: 6372098

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.8	29.5#



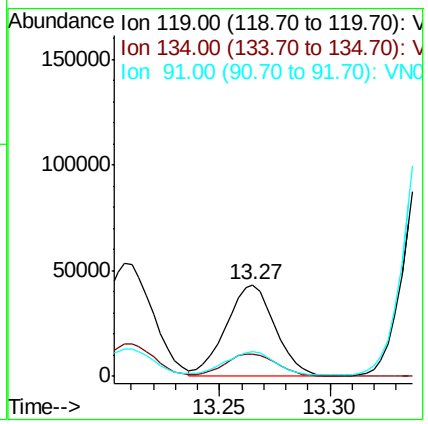


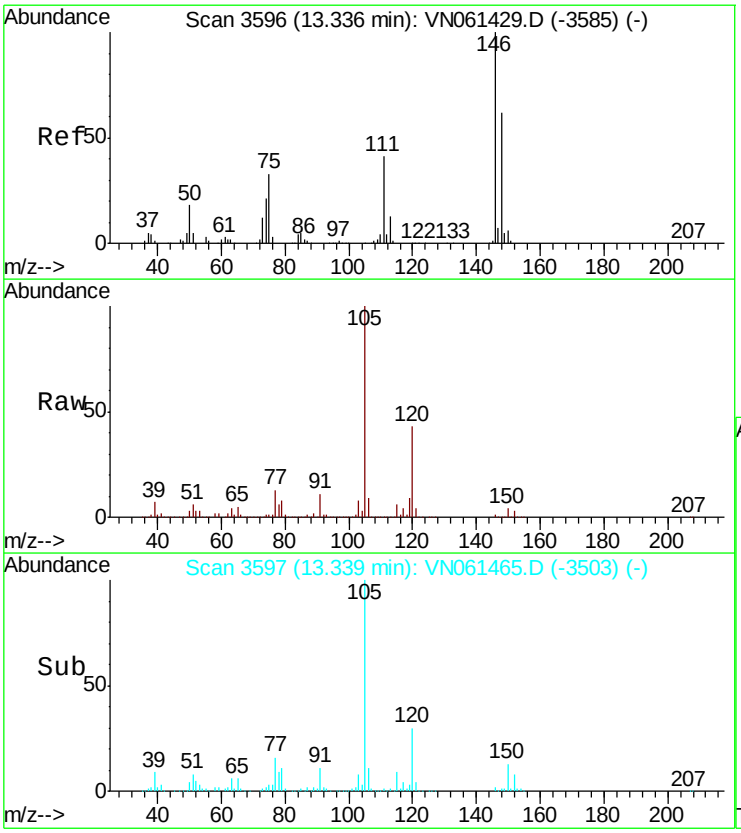
#86
p-Isopropyltoluene
Concen: 3.305 ug/l
RT: 13.27 min Scan# 3574
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 66008

Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.7	38.1
91	0.0	12.6	37.6#

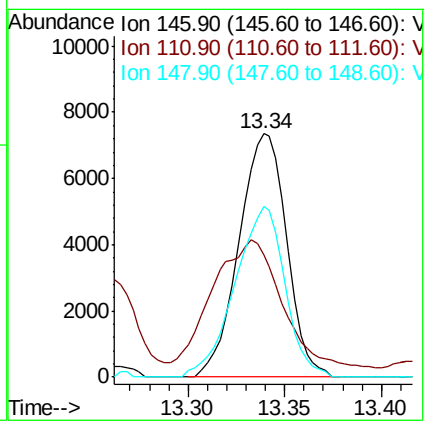


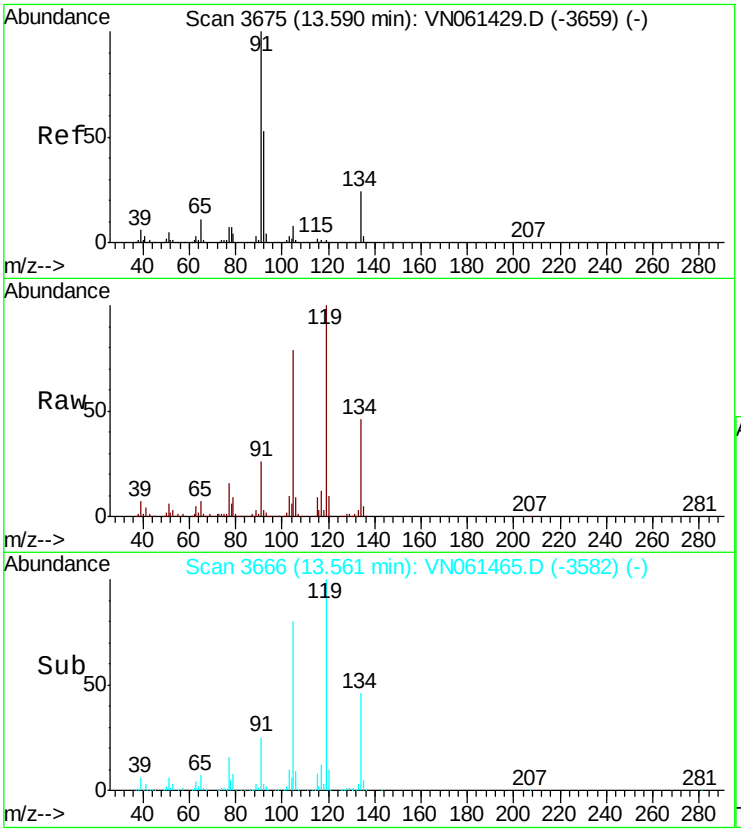


#88
1,4-Dichlorobenzene
Concen: 1.335 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion:146 Resp: 12598

Ion	Ratio	Lower	Upper
146	100		
111	75.8	20.8	62.5#
148	73.6	31.6	94.8



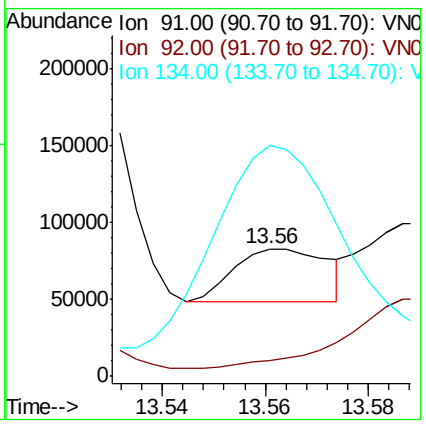


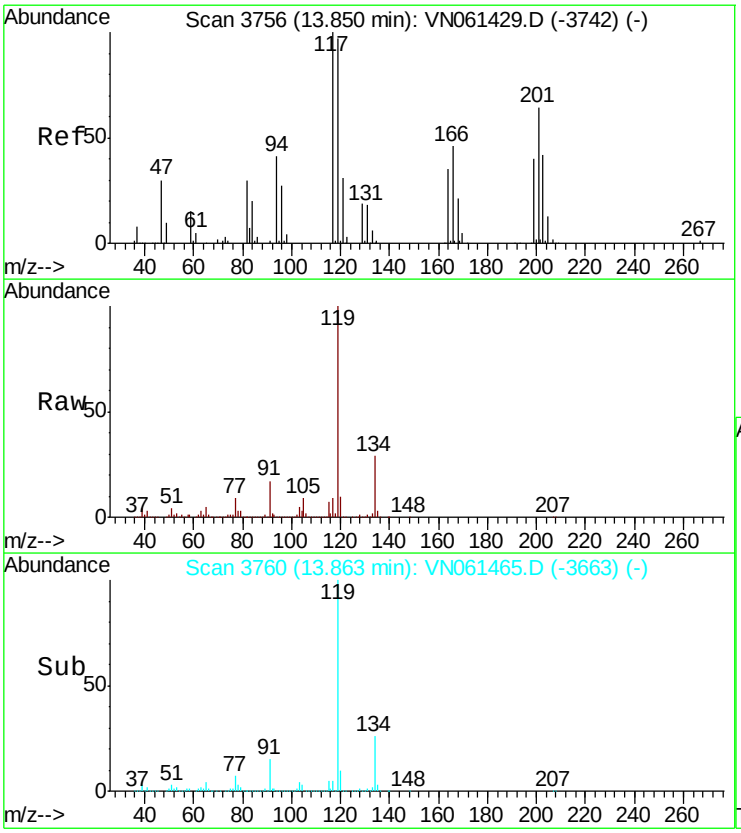
#89
n-Butylbenzene
Concen: 2.416 ug/l
RT: 13.56 min Scan# 3666
Delta R.T. -0.03 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 43835

Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.8	80.3#
134	677.6	12.4	37.4#

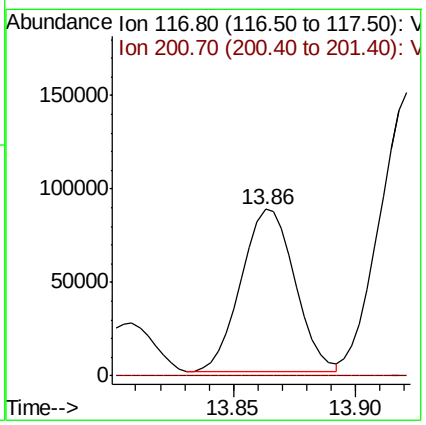


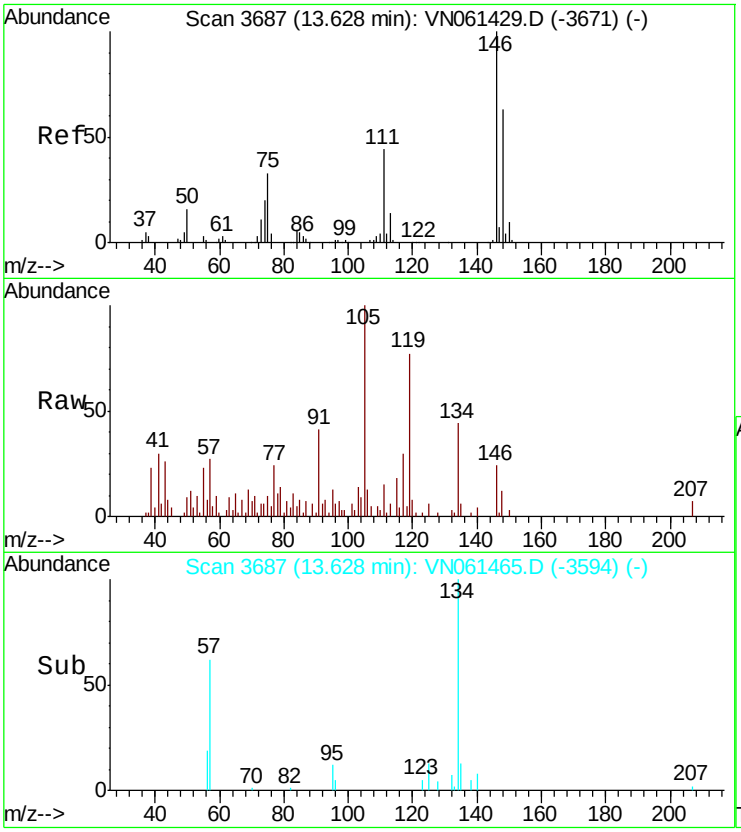


#90
Hexachloroethane
Concen: 49.165 ug/l
RT: 13.86 min Scan# 3760
Delta R.T. 0.01 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion:117 Resp: 133086

Ion	Ratio	Lower	Upper
117	100		
201	0.0	32.9	98.7#



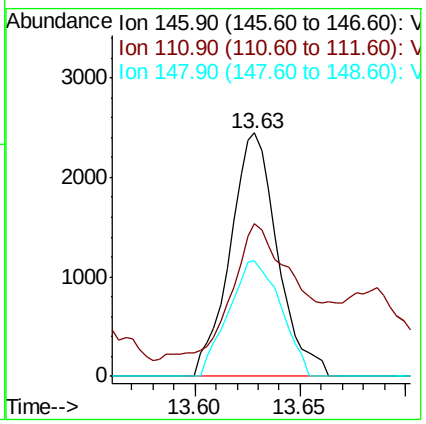


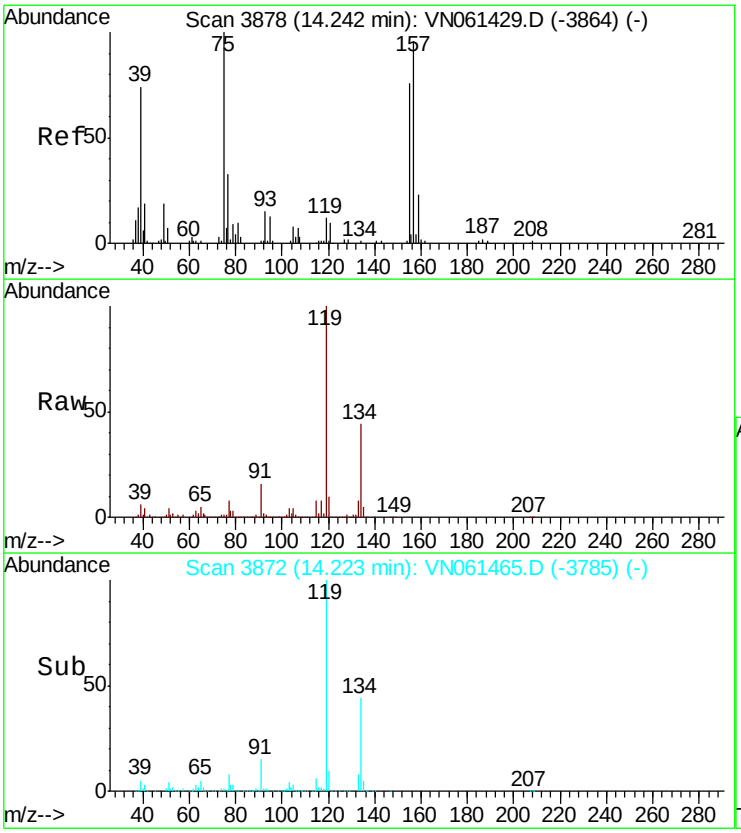
#91
1,2-Dichlorobenzene
Concen: 0.423 ug/l
RT: 13.63 min Scan# 3687
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 3820

Ion	Ratio	Lower	Upper
146	100		
111	81.9	21.9	65.7#
148	52.3	31.6	94.7

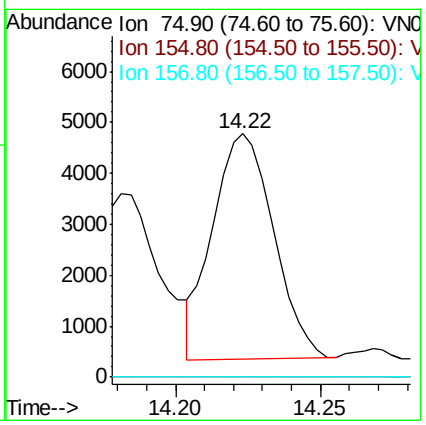


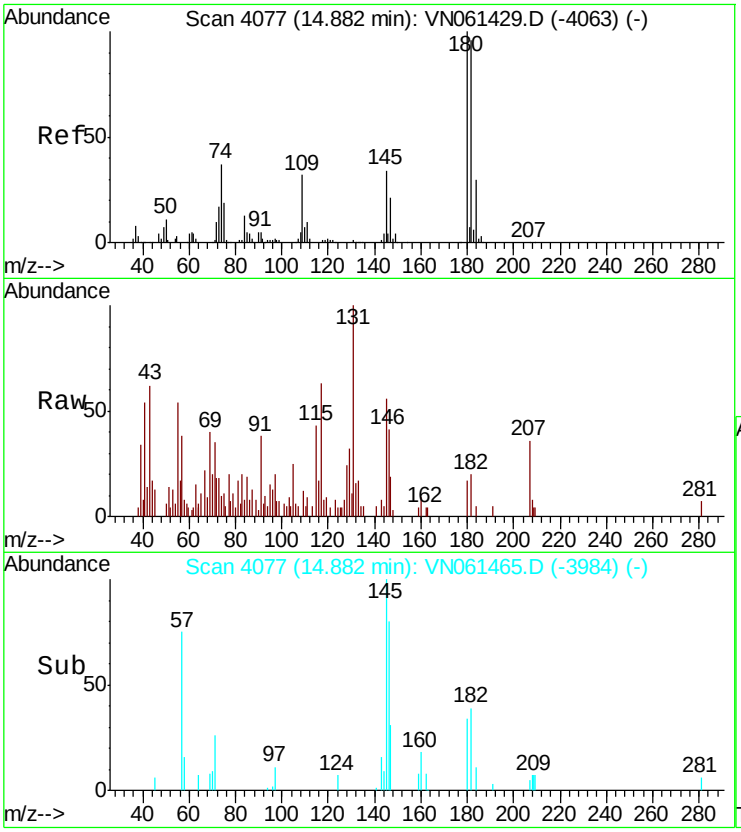


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.880 ug/l
RT: 14.22 min Scan# 3872
Delta R.T. -0.02 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion: 75 Resp: 6432

Ion	Ratio	Lower	Upper
75	100		
155	0.0	38.9	116.7#
157	0.0	48.6	145.8#



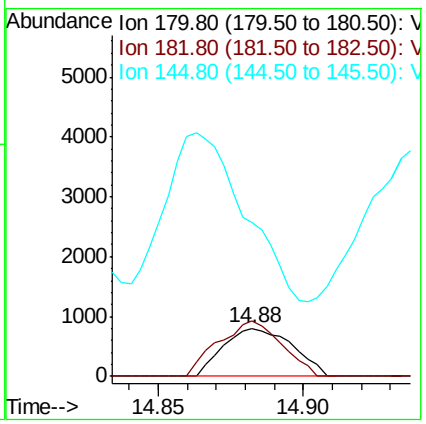


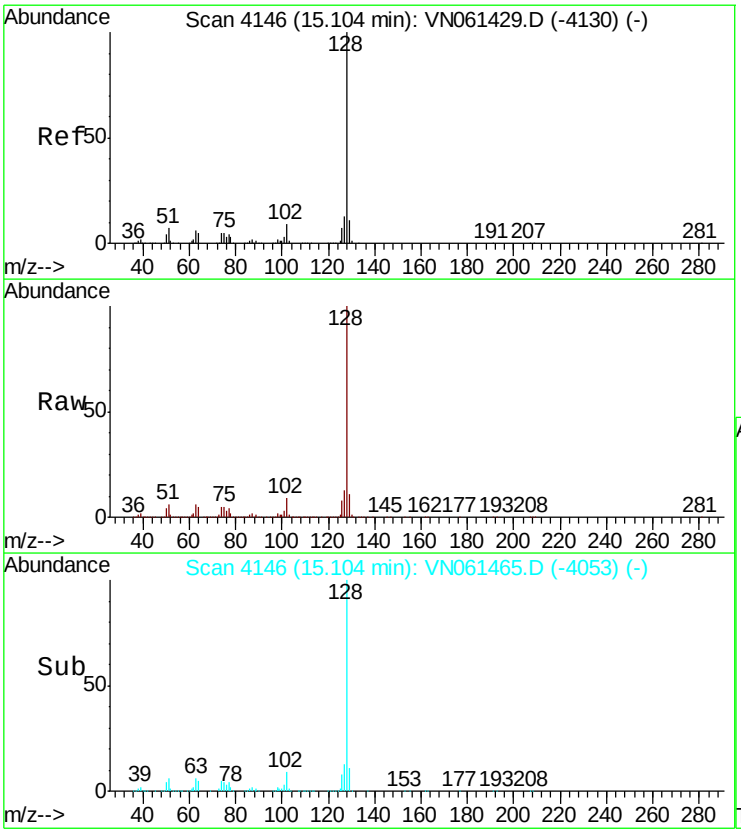
#93
1,2,4-Trichlorobenzene
Concen: 0.271 ug/l
RT: 14.88 min Scan# 4077
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 1326

Ion	Ratio	Lower	Upper
180	100		
182	106.3	47.0	141.0
145	745.5	16.7	50.0#





#95
Naphthalene
Concen: 176.121 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061465.D
Acq: 19 May 2020 7:19

Tgt Ion:128 Resp: 2743330

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	11.0	8.6	13.0