

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
 Data File : VN064145.D
 Acq On : 15 Oct 2020 15:55
 Operator : JC/MD
 Sample : L4381-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

Quant Time: Oct 16 02:24:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	280901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	538680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	571066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	262690	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	223987	55.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.98%	
35) Dibromofluoromethane	7.55	113	185001	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	10.06	98	708965	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.38	95	268771	55.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.16%	

Target Compounds						Qvalue
5) Bromomethane	2.54	94	698	0.227	ug/l #	78
11) Tert butyl alcohol	4.73	59	2223	5.019	ug/l	95
13) Acrolein	3.53	56	890	2.446	ug/l #	1
16) Acetone	3.78	43	186845	157.456	ug/l	100
17) Carbon Disulfide	4.01	76	6140	0.768	ug/l	100
18) Methyl Acetate	4.02	43	20405	6.855	ug/l #	51
20) Methylene Chloride	4.50	84	2254	0.614	ug/l #	46
22) Diisopropyl ether	5.90	45	2000	0.236	ug/l #	56
25) 2-Butanone	6.79	43	41233	22.591	ug/l	98
29) Tetrahydrofuran	7.17	42	584	0.547	ug/l #	67
31) Cyclohexane	7.63	56	8776	1.984	ug/l #	32
36) 1,1-Dichloropropene	7.62	75	22781	4.388	ug/l #	44
37) Ethyl Acetate	6.79	43	41233	8.948	ug/l #	70
38) Carbon Tetrachloride	7.63	117	28975	5.190	ug/l #	16
39) Methylcyclohexane	9.04	83	1761	0.403	ug/l #	81
40) Benzene	8.00	78	169675	10.791	ug/l	97
42) 1,2-Dichloroethane	8.00	62	2019	0.361	ug/l	77
51) 4-Methyl-2-Pentanone	9.95	43	101804	22.500	ug/l	95
52) Toluene	10.13	92	1243215	128.682	ug/l	99
53) t-1,3-Dichloropropene	10.13	75	14818	2.526	ug/l #	1
56) Ethyl methacrylate	10.32	69	31475	7.477	ug/l #	55
58) 2-Chloroethyl Vinyl ether	9.63	63	33	12.230	ug/l #	48
59) 2-Hexanone	10.73	43	1725	7.318	ug/l	95
67) Ethyl Benzene	11.49	91	303116	15.047	ug/l	100
68) m/p-Xylenes	11.59	106	483088	59.088	ug/l	97
69) o-Xylene	11.92	106	271905	34.716	ug/l	99
70) Styrene	11.92	104	19900	3.430	ug/l #	1
71) Bromoform	12.37	173	496	2.356	ug/l #	30
73) Isopropylbenzene	12.23	105	28162	1.480	ug/l	96
74) N-amyl acetate	12.00	43	6806	0.955	ug/l #	45
76) 1,2,3-Trichloropropane	12.38	75	140841	22.853	ug/l #	100
78) n-propylbenzene	12.57	91	74745	3.519	ug/l	100
79) 2-Chlorotoluene	12.63	91	40078	2.967	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.71	105	121726	7.970	ug/l	100

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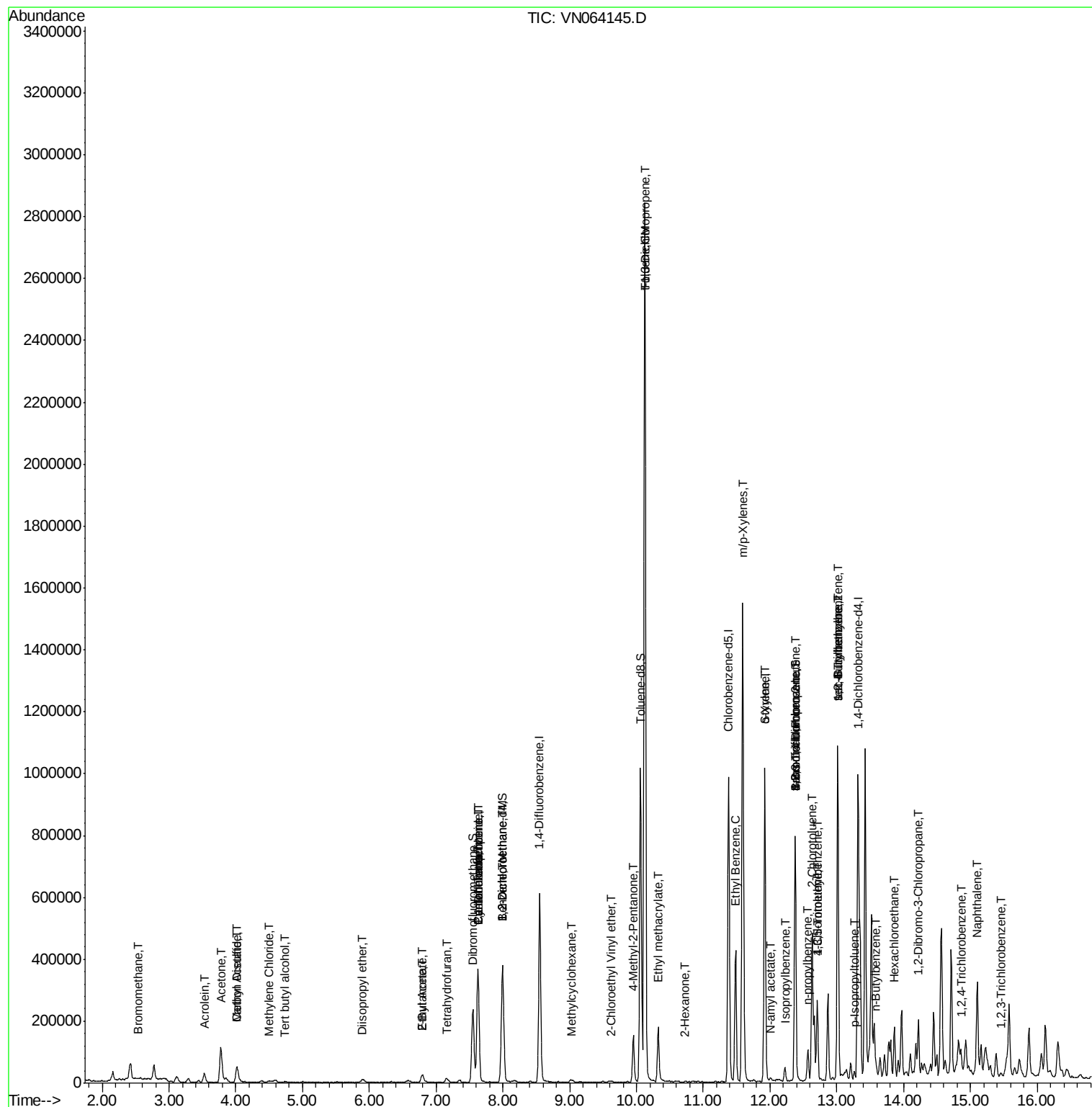
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.38	75	140841	69.820	ug/l #	12
82) 4-Chlorotoluene	12.71	91	13852	1.018	ug/l #	41
83) tert-Butylbenzene	13.02	119	74321	5.884	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.02	105	592967	37.296	ug/l	100
85) sec-Butylbenzene	13.02	105	592967	36.518	ug/l #	58
86) p-Isopropyltoluene	13.26	119	11751	1.417	ug/l	96
89) n-Butylbenzene	13.59	91	15369	1.299	ug/l #	62
90) Hexachloroethane	13.86	117	9249	3.423	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.23	75	1098	0.871	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.88	180	30	3.187	ug/l #	1
95) Naphthalene	15.10	128	250216	21.780	ug/l	98
96) 1,2,3-Trichlorobenzene	15.45	180	31	2.817	ug/l #	1

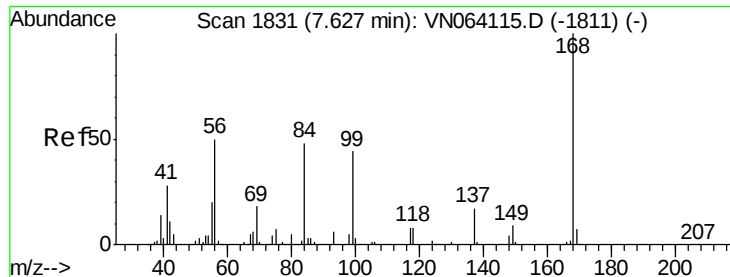
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101520\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064145.D

Acq: 15 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

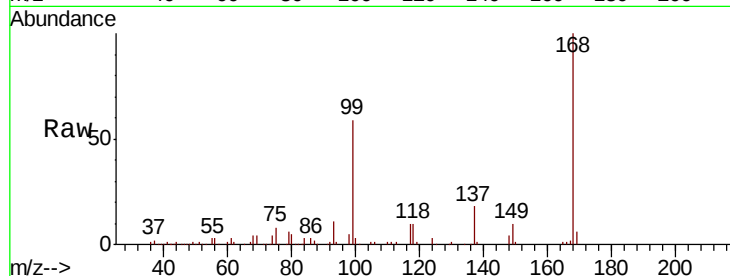
DRUM-COMP

Tot Ion:168 Resp: 280901

Ion Ratio Lower Upper

168 100

99 59.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

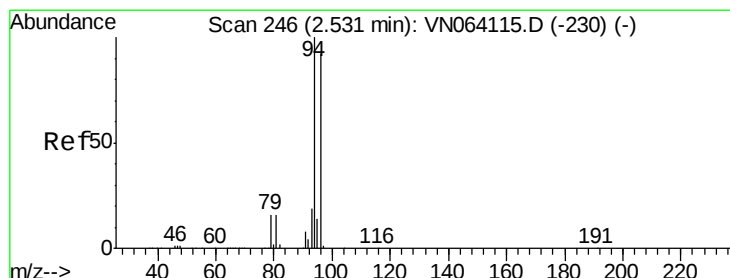
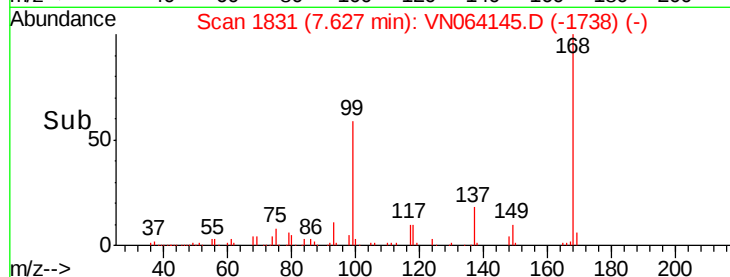
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#5

Bromomethane

Concen: 0.227 ug/l

RT: 2.54 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN064145.D

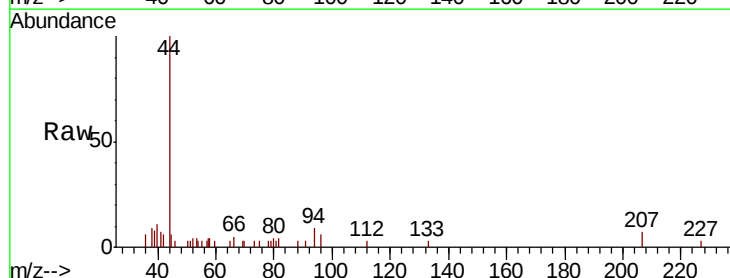
Acq: 15 Oct 2020 15:55

Tgt Ion: 94 Resp: 698

Ion Ratio Lower Upper

94 100

96 70.5 73.5 110.3#



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

2.54

600

500

400

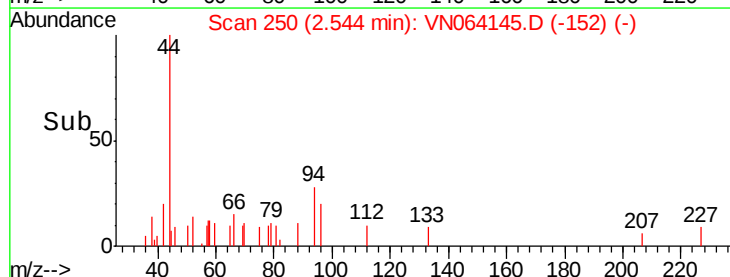
300

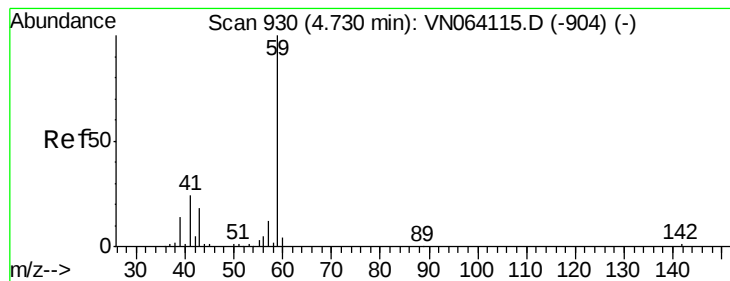
200

100

0

Time--> 2.50 2.52 2.54 2.56 2.58



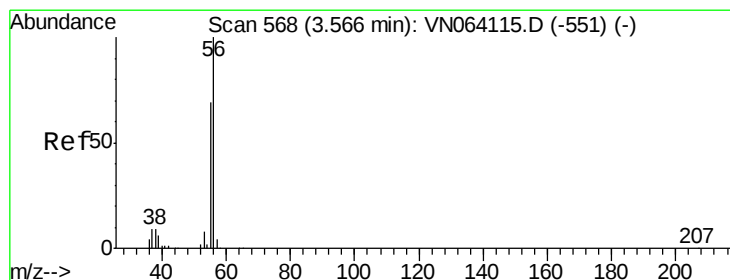
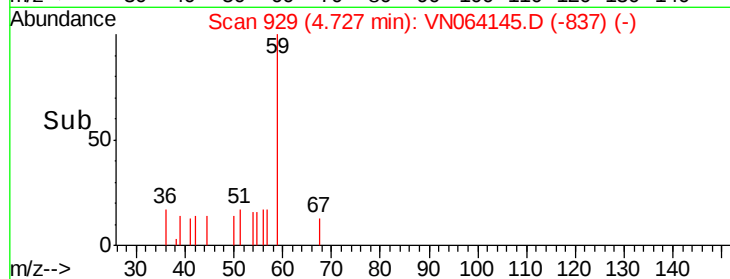
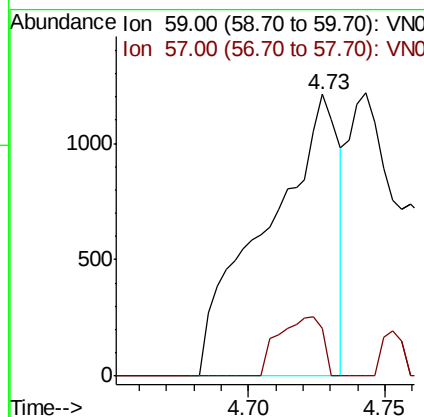
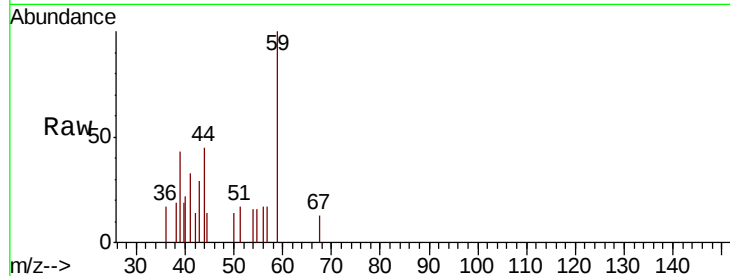


#11

Tert butyl alcohol
 Concen: 5.019 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN064145.D
 Acq: 15 Oct 2020 15:55

Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-COMP

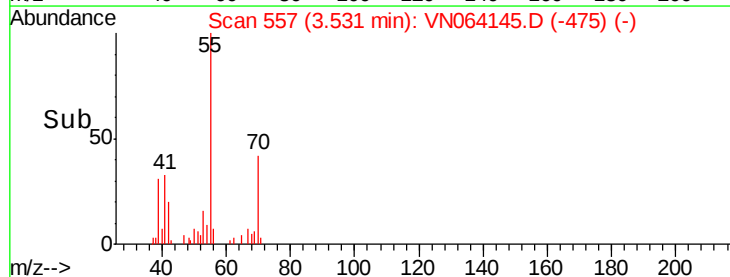
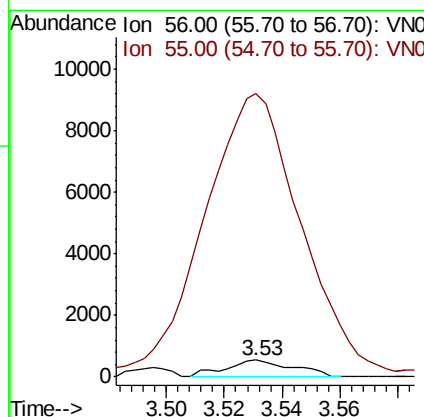
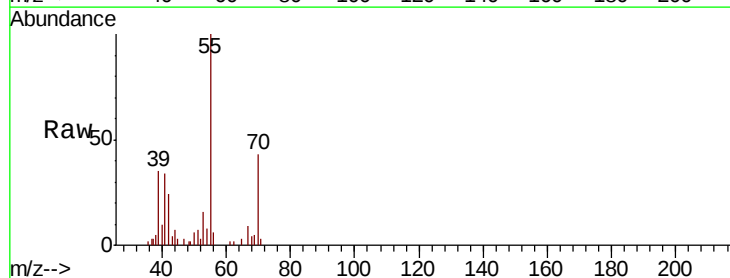
Tot Ion: 59 Resp: 2223
 Ion Ratio Lower Upper
 59 100
 57 12.8 8.9 13.3

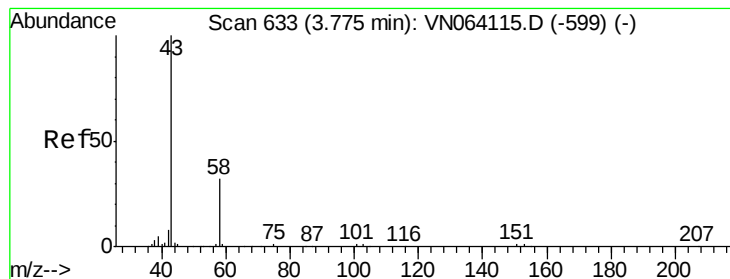


#13

Acrolein
 Concen: 2.446 ug/l
 RT: 3.53 min Scan# 557
 Delta R.T. -0.04 min
 Lab File: VN064145.D
 Acq: 15 Oct 2020 15:55

Tgt Ion: 56 Resp: 890
 Ion Ratio Lower Upper
 56 100
 55 2322.7 55.8 83.6#





#16

Acetone

Concen: 157.456 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064145.D

Acq: 15 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

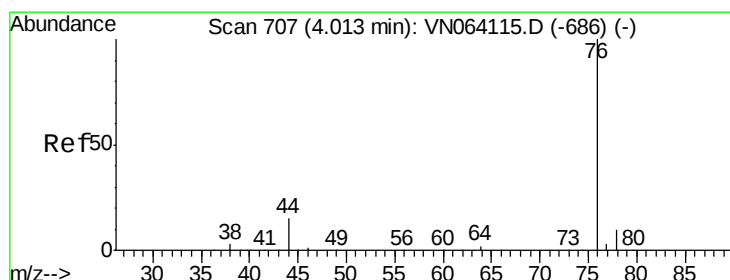
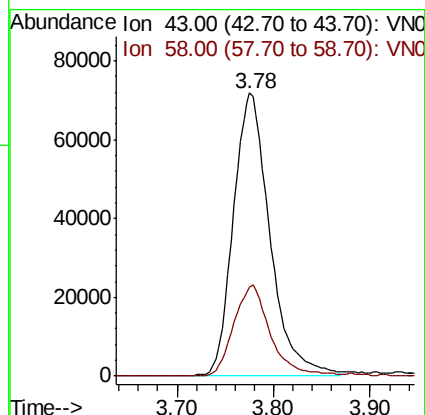
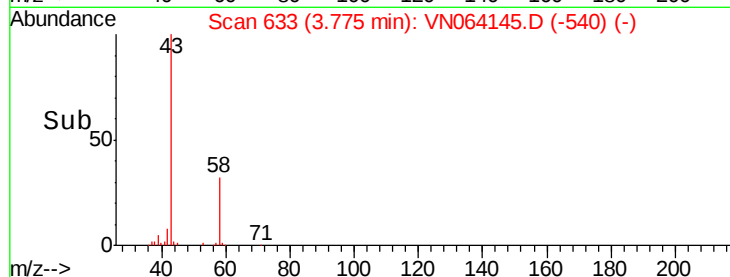
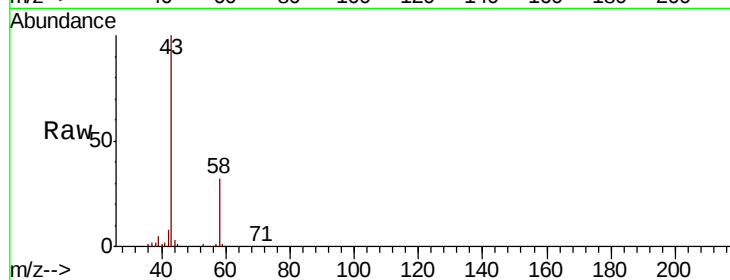
DRUM-COMP

Tot Ion: 43 Resp: 186845

Ion Ratio Lower Upper

43 100

58 31.6 25.2 37.8



#17

Carbon Disulfide

Concen: 0.768 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN064145.D

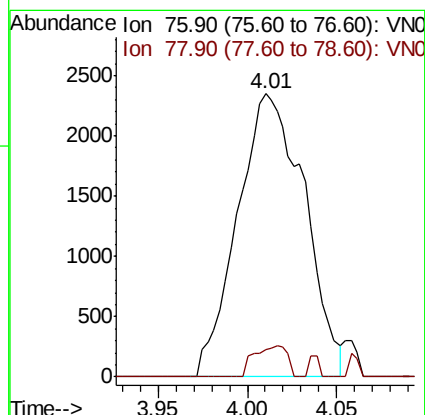
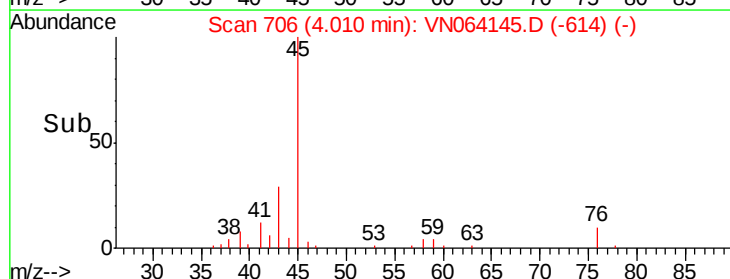
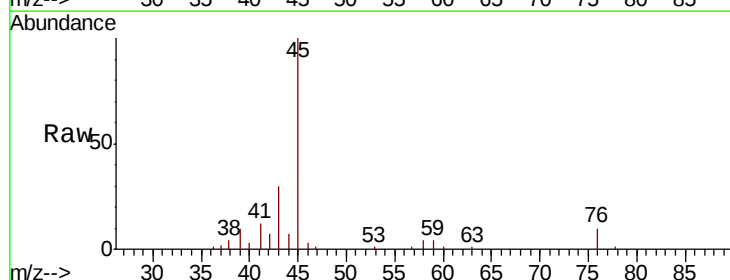
Acq: 15 Oct 2020 15:55

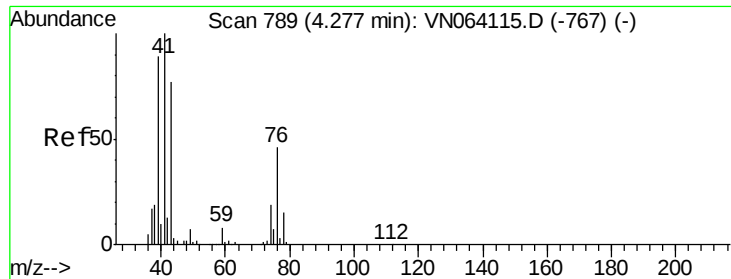
Tgt Ion: 76 Resp: 6140

Ion Ratio Lower Upper

76 100

78 9.6 7.6 11.4

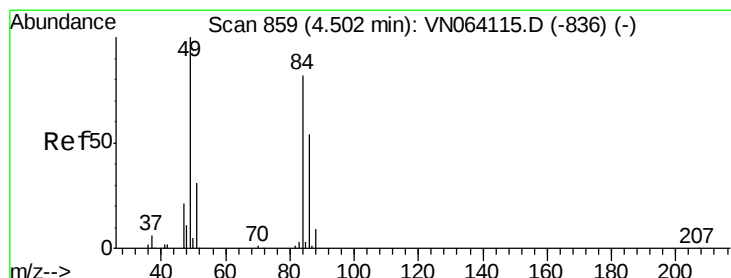
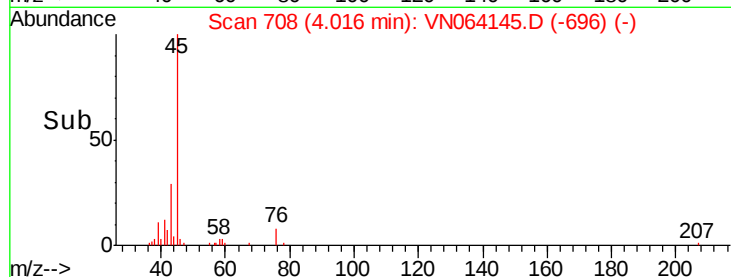
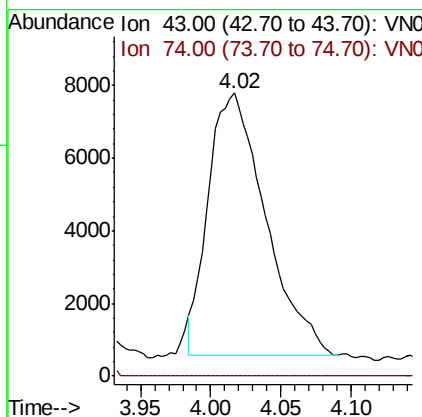
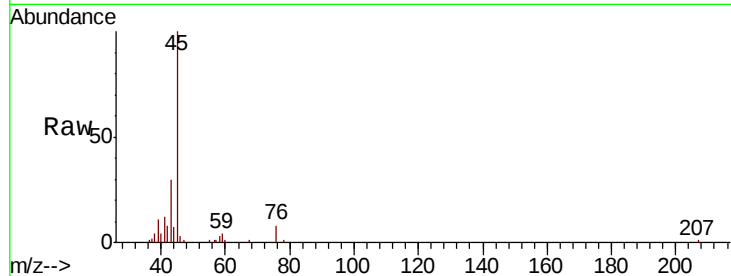




#18
Methyl Acetate
Concen: 6.855 ug/l
RT: 4.02 min Scan# 708
Delta R.T. -0.26 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

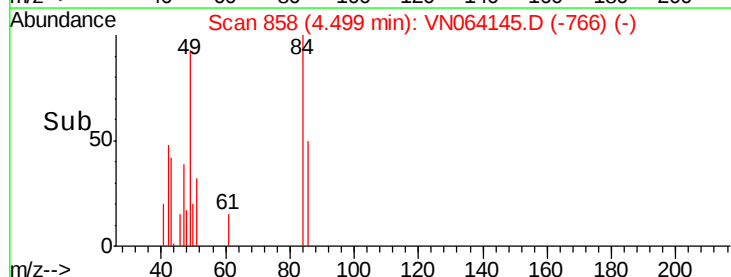
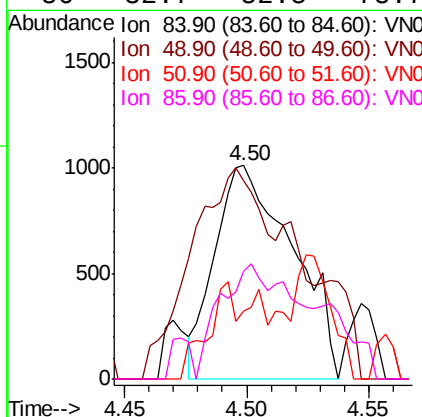
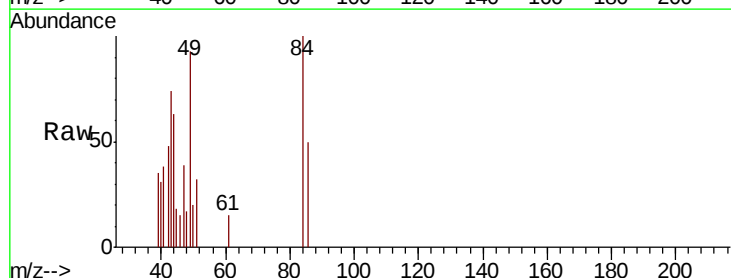
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ClientSampleId :
DRUM-COMP

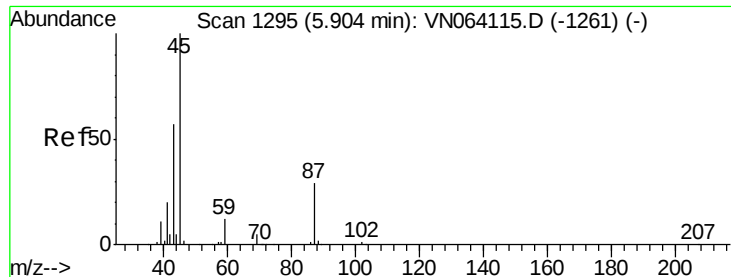
Tot Ion: 43 Resp: 20405
Ion Ratio Lower Upper
43 100
74 0.0 19.7 29.5#



#20
Methylene Chloride
Concen: 0.614 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

Tgt Ion: 84 Resp: 2254
Ion Ratio Lower Upper
84 100
49 47.4 97.4 146.0#
51 15.3 29.7 44.5#
86 32.7 52.5 78.7#

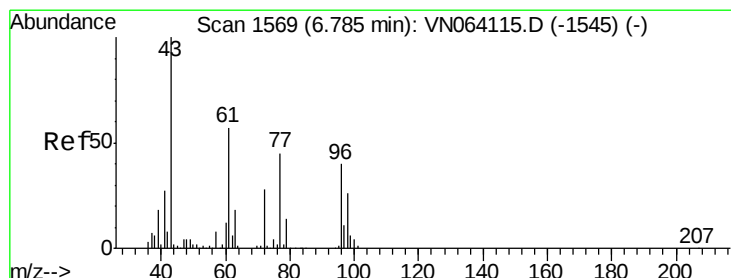
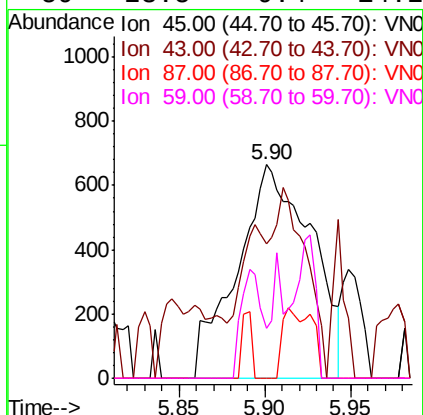
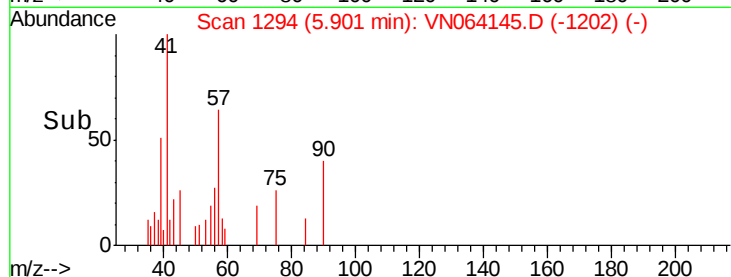
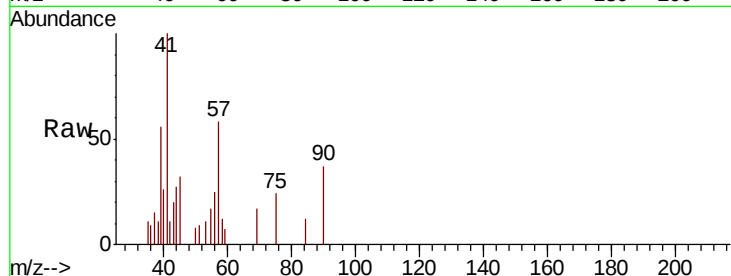




#22
Diisopropyl ether
Concen: 0.236 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

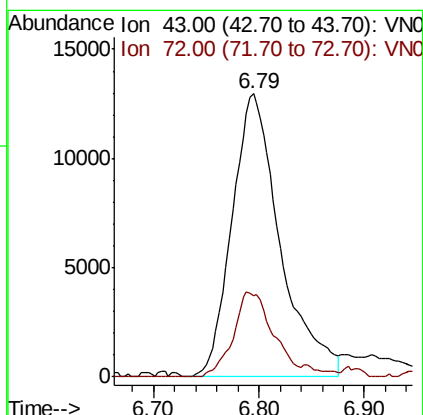
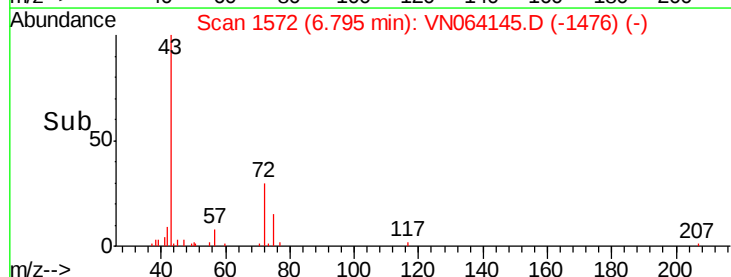
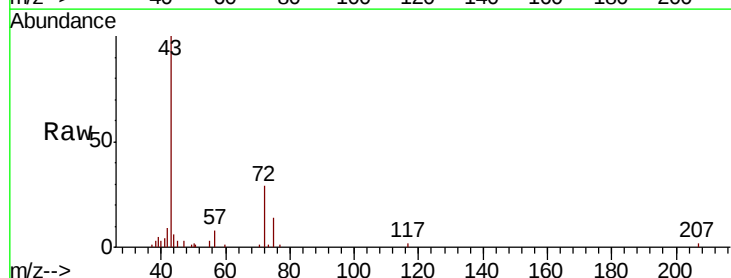
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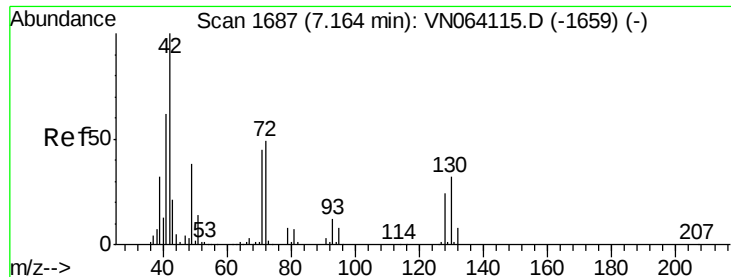
Tot Ion:	45	Resp:	2000
Ion	Ratio	Lower	Upper
45	100		
43	31.6	50.9	76.3#
87	0.0	23.5	35.3#
59	23.5	9.4	14.2#



#25
2-Butanone
Concen: 22.591 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

Tgt Ion:	43	Resp:	41233
Ion	Ratio	Lower	Upper
43	100		
72	28.9	22.2	33.2

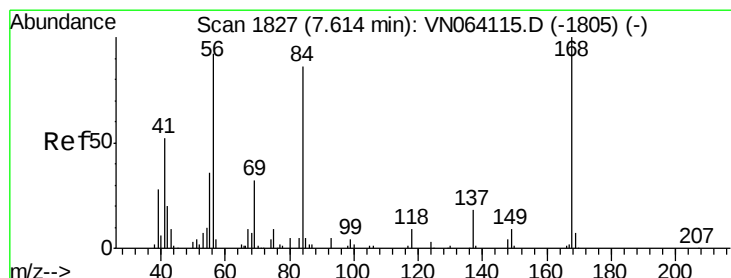
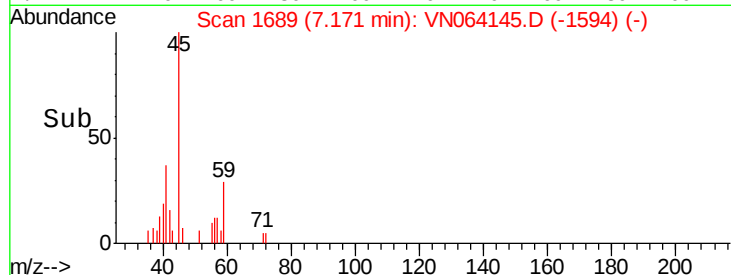
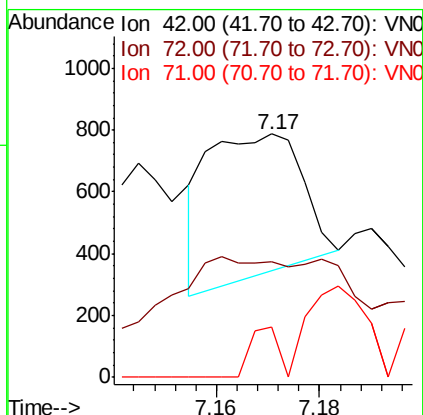
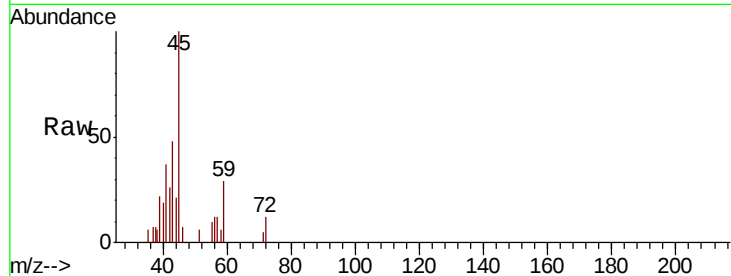




#29
Tetrahydrofuran
Concen: 0.547 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

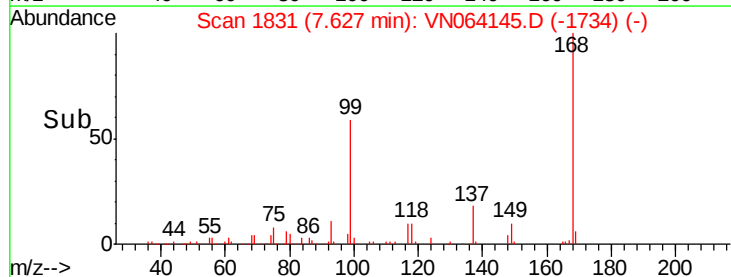
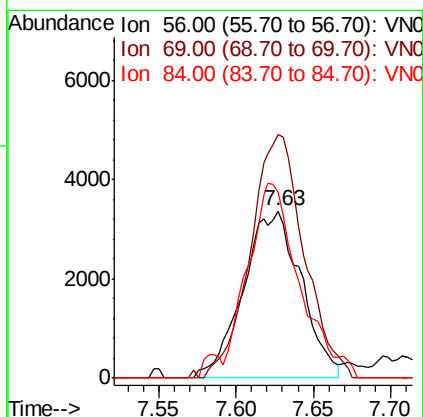
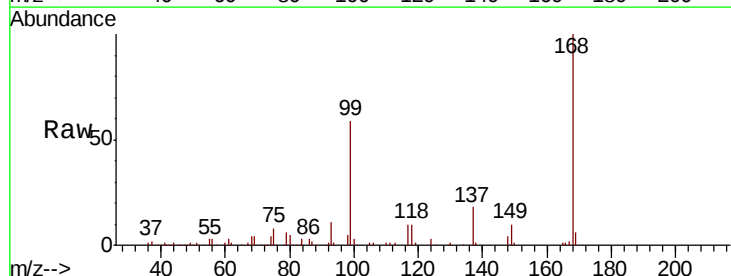
Instrument :
MSVOA_N
ClientSampled :
DRUM-COMP

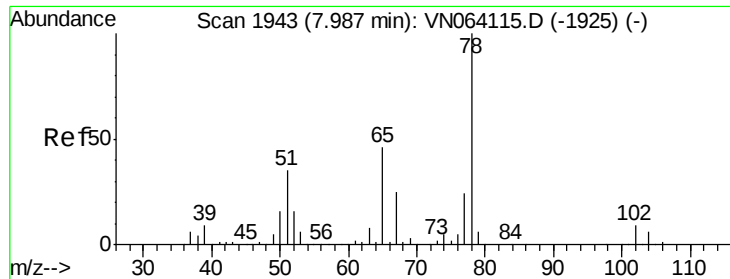
Tot Ion: 42 Resp: 584
Ion Ratio Lower Upper
42 100
72 57.4 37.8 56.6#
71 10.3 35.3 52.9#



#31
Cyclohexane
Concen: 1.984 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

Tgt Ion: 56 Resp: 8776
Ion Ratio Lower Upper
56 100
69 145.9 27.8 41.6#
84 111.6 73.2 109.8#

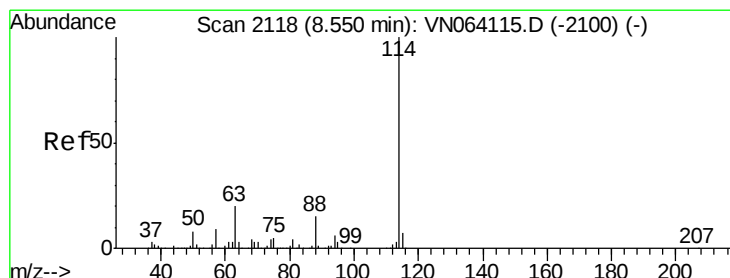
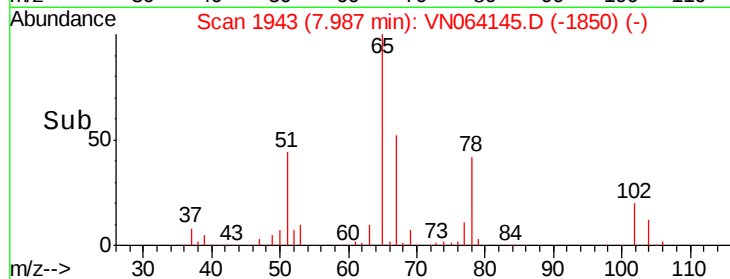
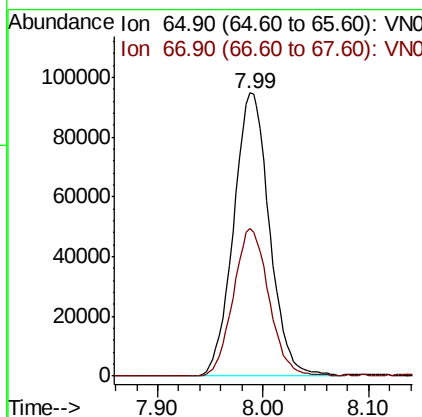
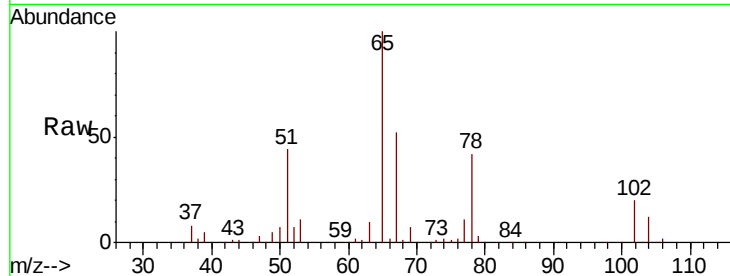




#33
 1,2-Dichloroethane-d4
 Concen: 55.988 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064145.D
 Acq: 15 Oct 2020 15:55

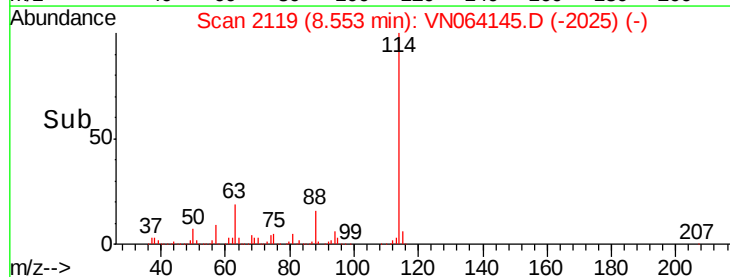
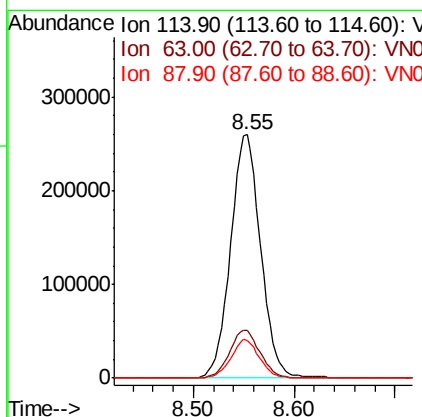
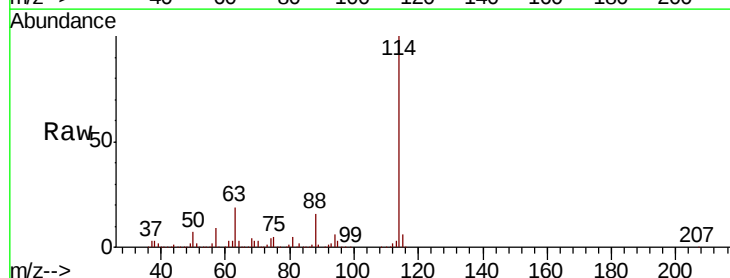
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

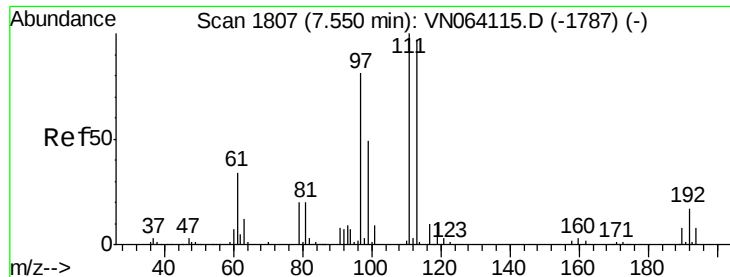
Tot Ion: 65 Resp: 223987
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064145.D
 Acq: 15 Oct 2020 15:55

Tgt Ion: 114 Resp: 538680
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.0
 88 15.7 0.0 29.2

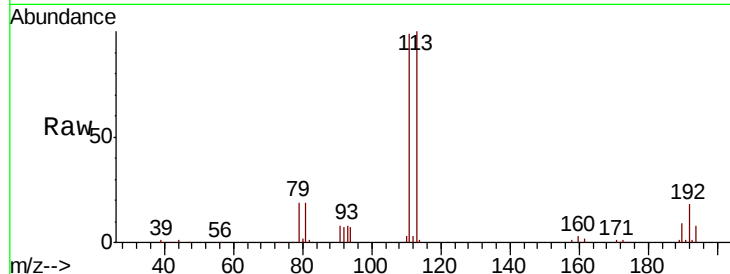




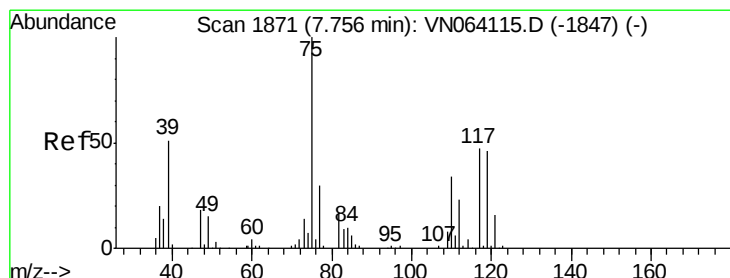
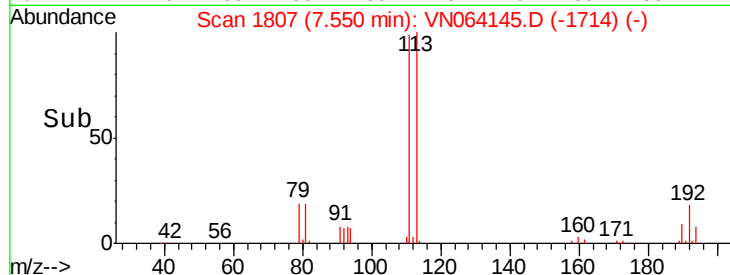
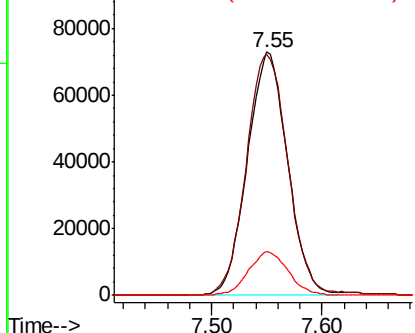
#35
Dibromofluoromethane
Concen: 49.618 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

Tot Ion:113 Resp: 185001
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 17.7 14.3 21.5

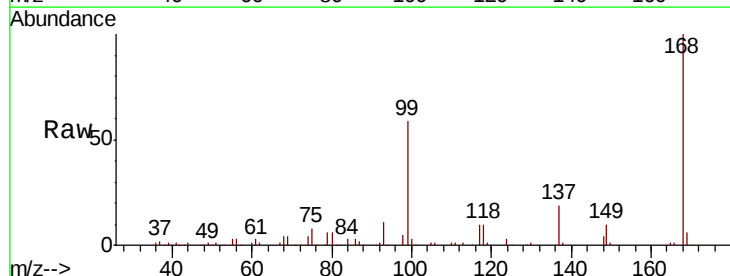


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

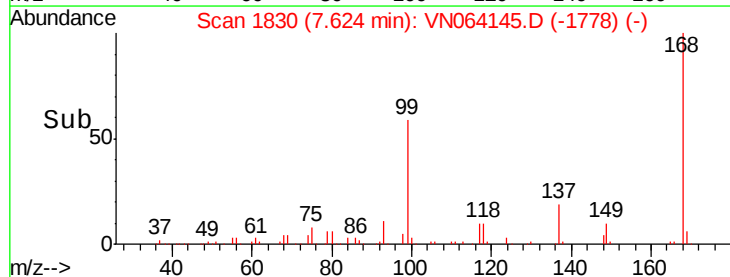
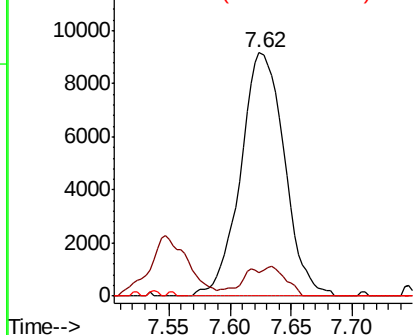


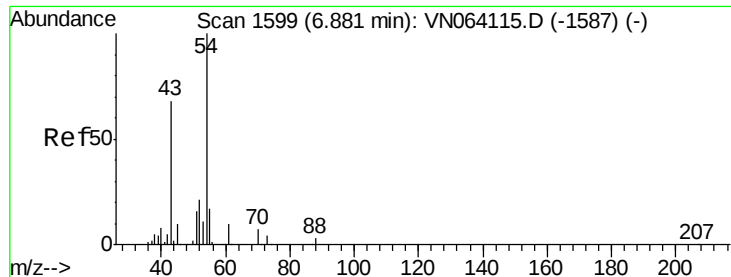
#36
1,1-Dichloropropene
Concen: 4.388 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

Tgt Ion: 75 Resp: 22781
Ion Ratio Lower Upper
75 100
110 2.7 17.8 53.3#
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

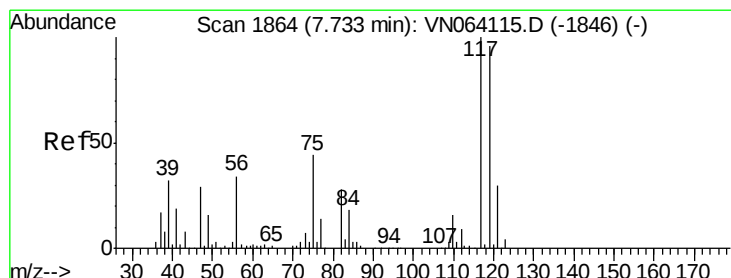
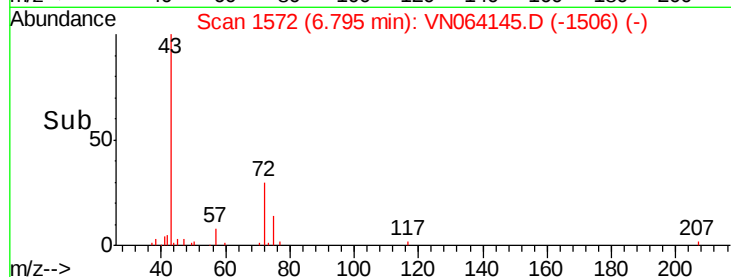
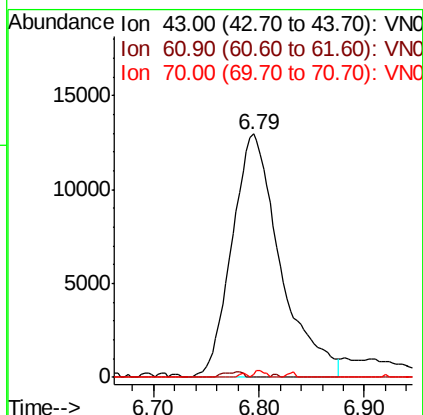
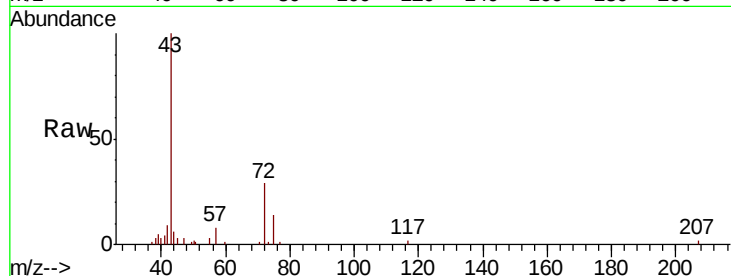




#37
Ethyl Acetate
Concen: 8.948 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. -0.09 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

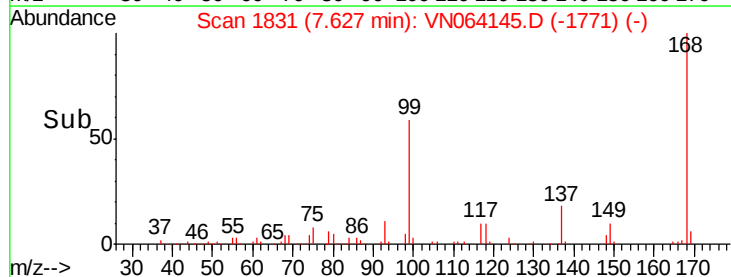
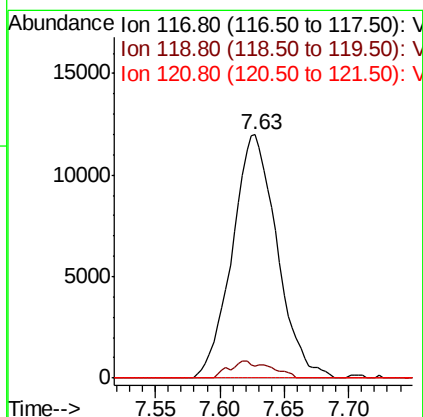
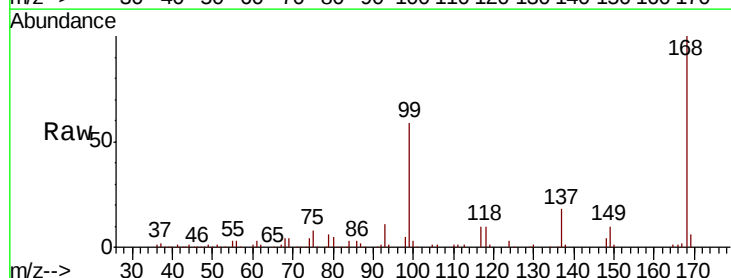
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

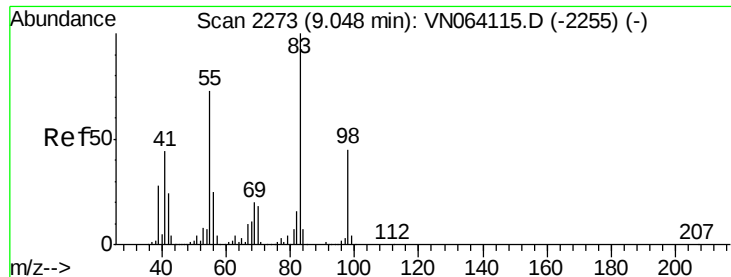
Tot Ion: 43 Resp: 41233
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.6 7.7 11.5#



#38
Carbon Tetrachloride
Concen: 5.190 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

Tgt Ion: 117 Resp: 28975
Ion Ratio Lower Upper
117 100
119 5.1 77.0 115.4#
121 0.0 24.2 36.4#

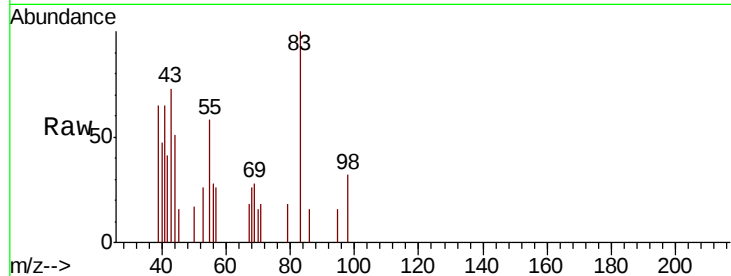




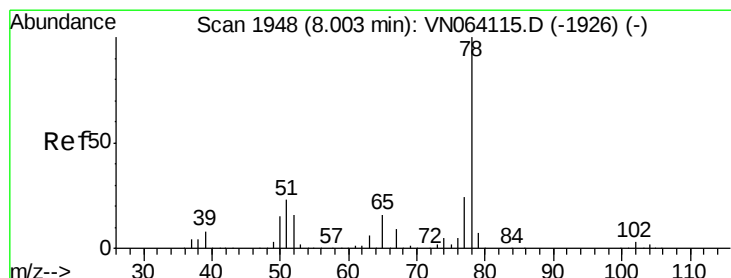
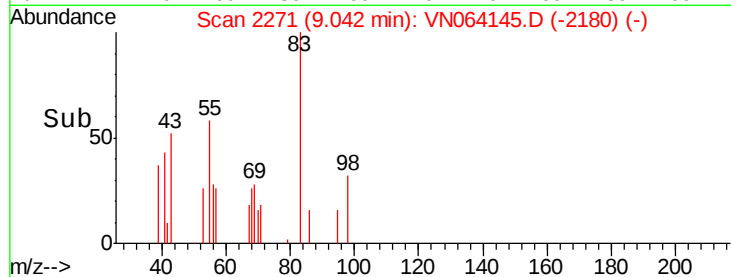
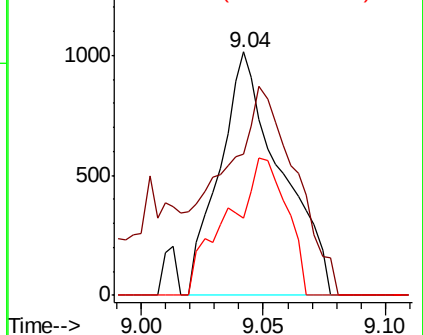
#39
Methvlcvclohexane
Concen: 0.403 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.01 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

Tot Ion: 83 Resp: 1761
Ion Ratio Lower Upper
83 100
55 58.1 58.5 87.7#
98 31.9 36.2 54.2#

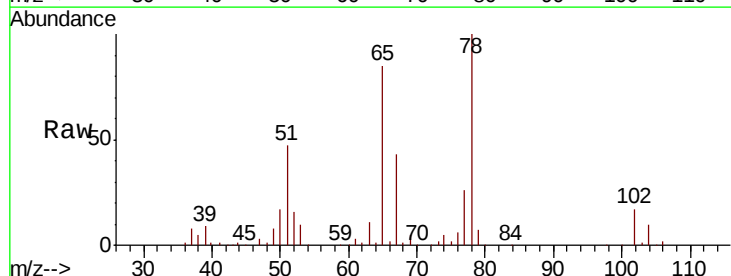


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

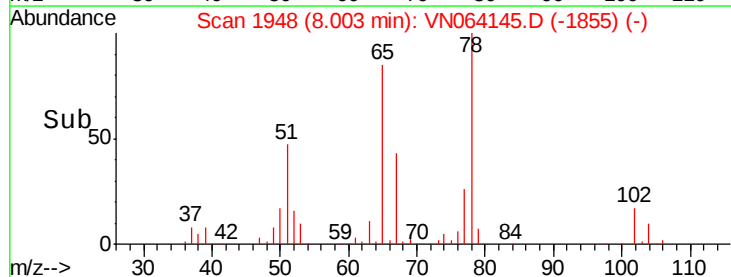
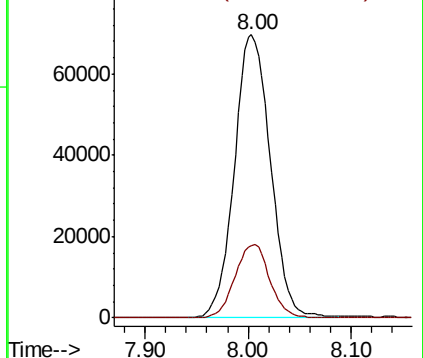


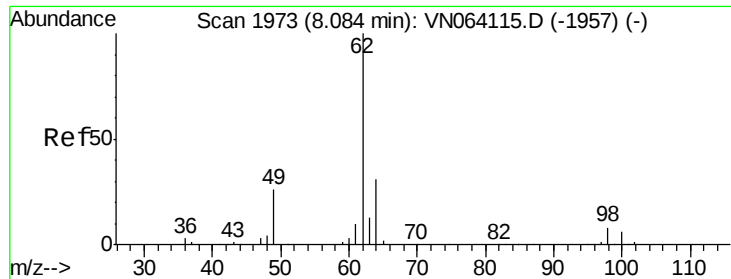
#40
Benzene
Concen: 10.791 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

Tgt Ion: 78 Resp: 169675
Ion Ratio Lower Upper
78 100
77 25.7 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

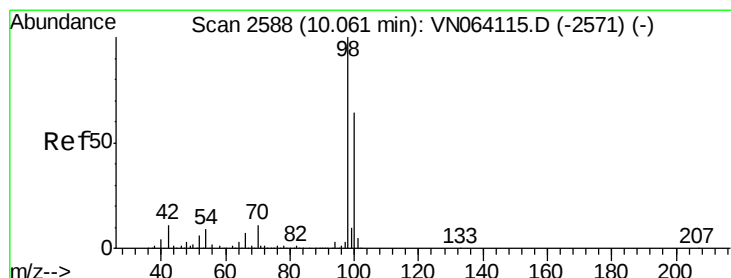
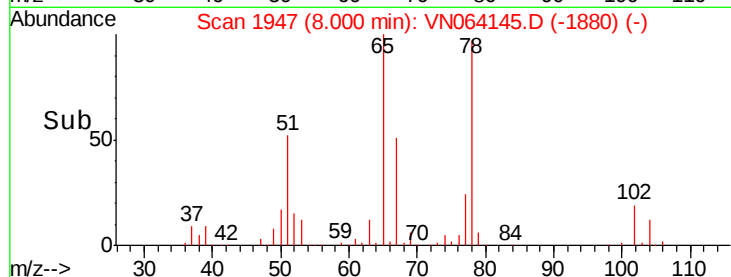
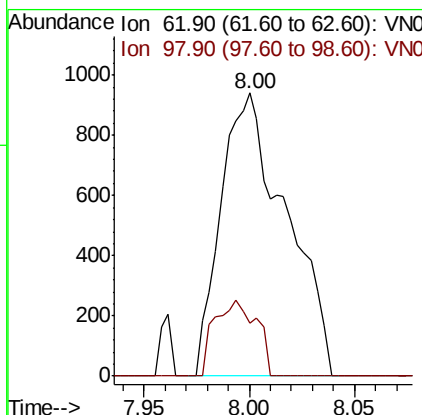
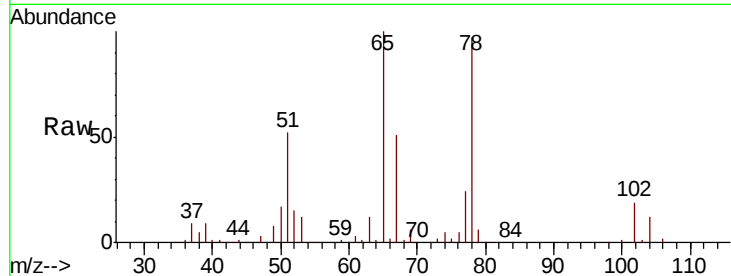




#42
 1,2-Dichloroethane
 Concen: 0.361 ug/l
 RT: 8.00 min Scan# 1947
 Delta R.T. -0.08 min
 Lab File: VN064145.D
 Acq: 15 Oct 2020 15:55

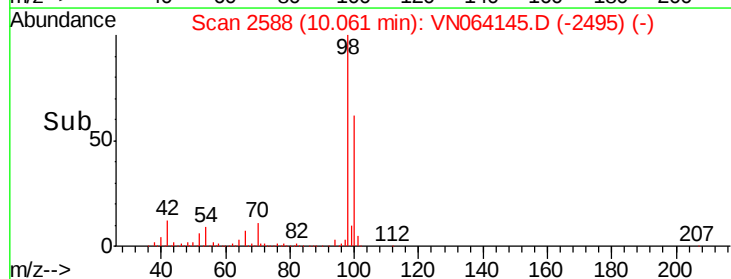
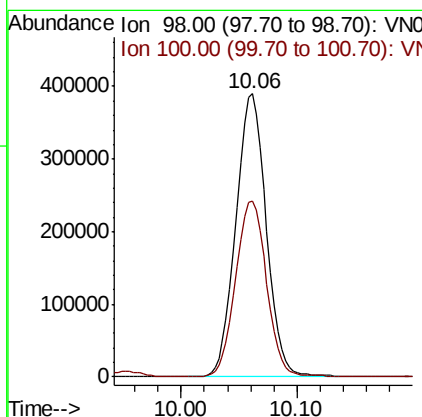
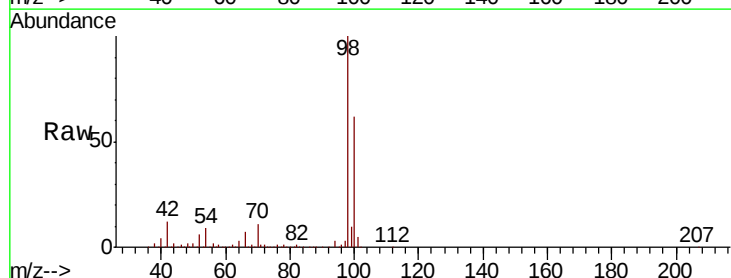
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

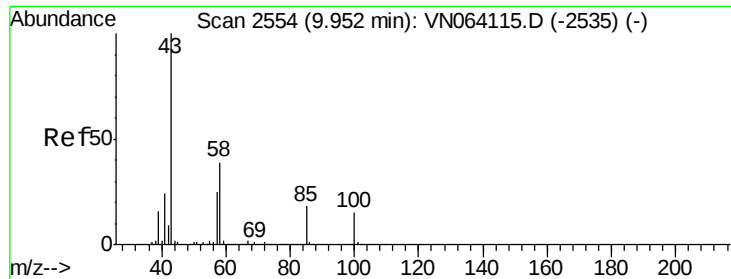
Tot Ion: 62 Resp: 2019
 Ion Ratio Lower Upper
 62 100
 98 17.1 0.0 17.6



#50
 Toluene-d8
 Concen: 50.395 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064145.D
 Acq: 15 Oct 2020 15:55

Tgt Ion: 98 Resp: 708965
 Ion Ratio Lower Upper
 98 100
 100 63.0 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 22.500 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064145.D

Acq: 15 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

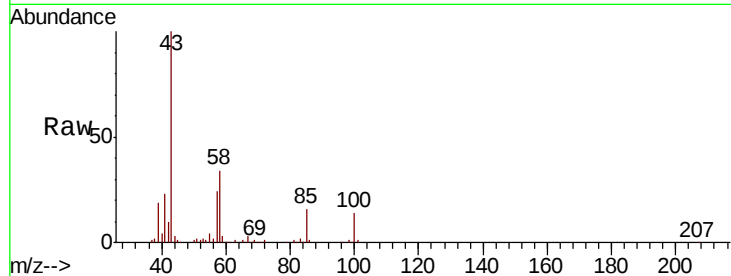
DRUM-COMP

Tot Ion: 43 Resp: 101804

Ion Ratio Lower Upper

43 100

58 36.0 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VN064115.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064115.D (-2535) (-)

9.95

60000

50000

40000

30000

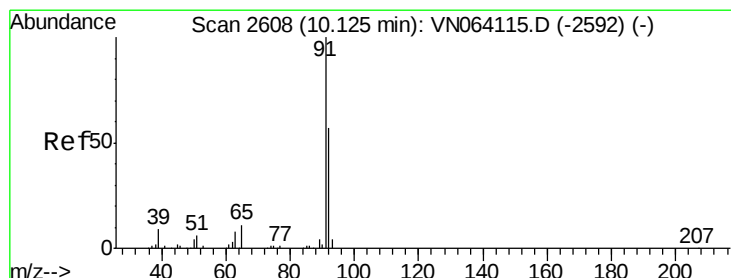
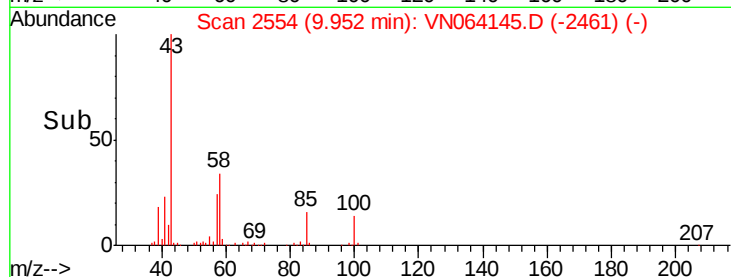
20000

10000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 128.682 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064145.D

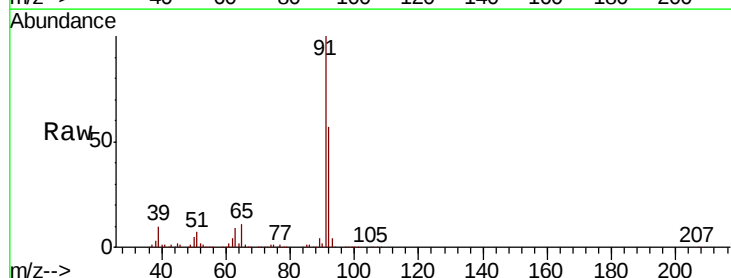
Acq: 15 Oct 2020 15:55

Tgt Ion: 92 Resp: 1243215

Ion Ratio Lower Upper

92 100

91 175.5 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN064115.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064115.D (-2592) (-)

10.13

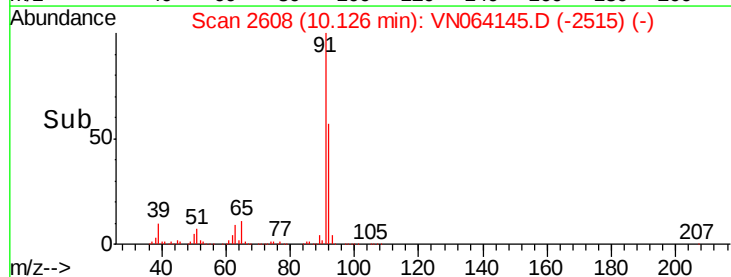
1000000

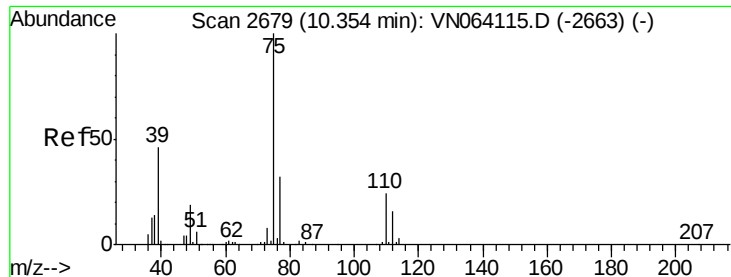
500000

0

10.00 10.10 10.20 10.30

Time-->

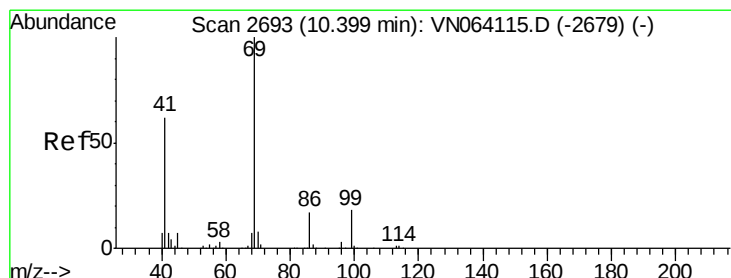
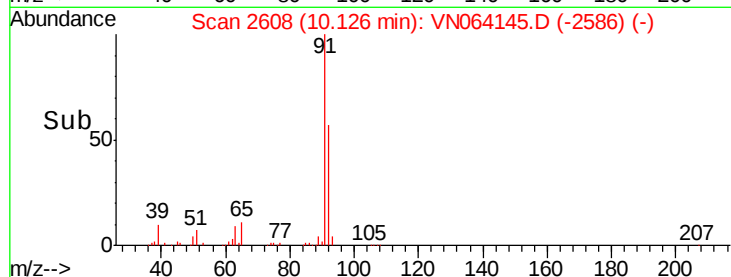
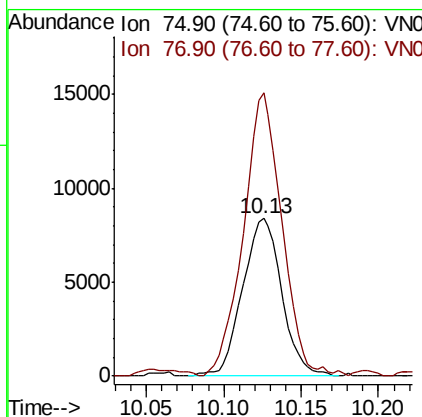
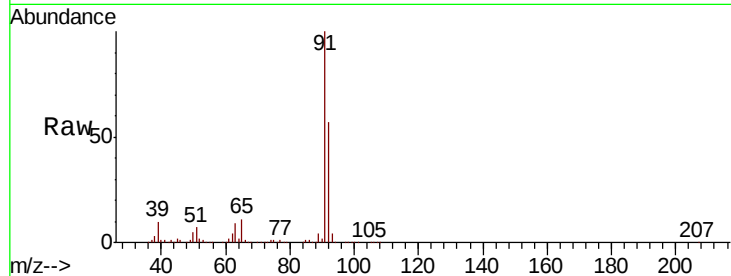




#53
t-1,3-Dichloropropene
Concen: 2.526 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. -0.23 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

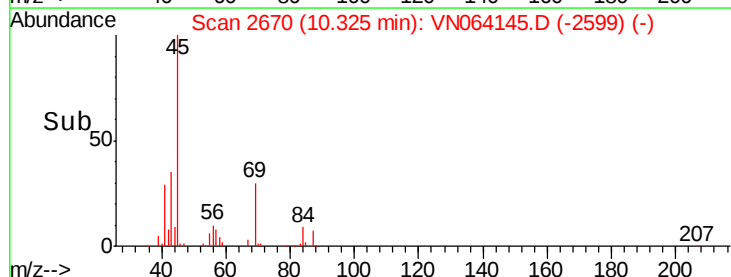
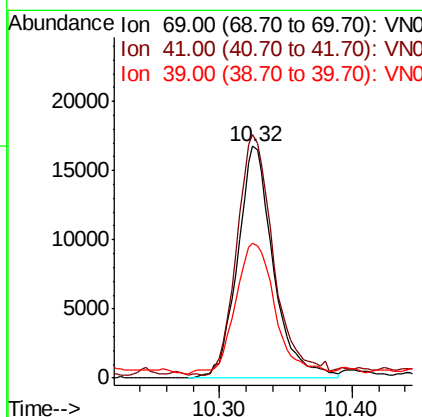
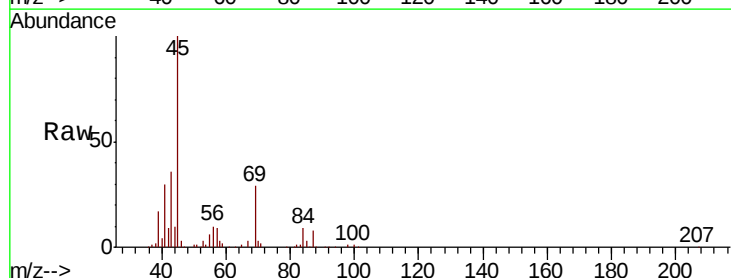
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

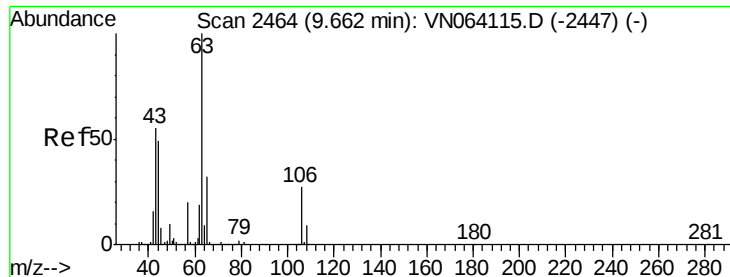
Tot Ion: 75 Resp: 14818
Ion Ratio Lower Upper
75 100
77 176.9 25.6 38.4#



#56
Ethyl methacrylate
Concen: 7.477 ug/l
RT: 10.32 min Scan# 2670
Delta R.T. -0.07 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

Tgt Ion: 69 Resp: 31475
Ion Ratio Lower Upper
69 100
41 104.8 49.3 73.9#
39 58.0 32.7 49.1#





#58

2-Chloroethyl Vinyl ether

Concen: 12.230 ug/l

RT: 9.63 min Scan# 2455

Delta R.T. -0.03 min

Lab File: VN064145.D

Acq: 15 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

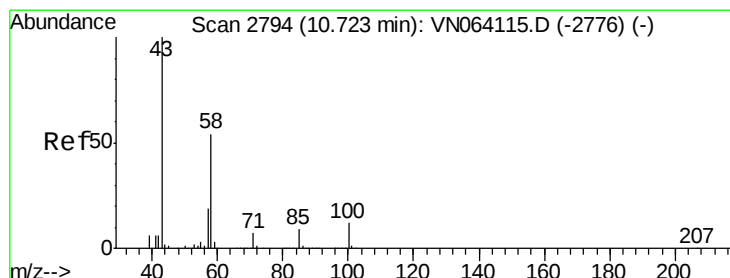
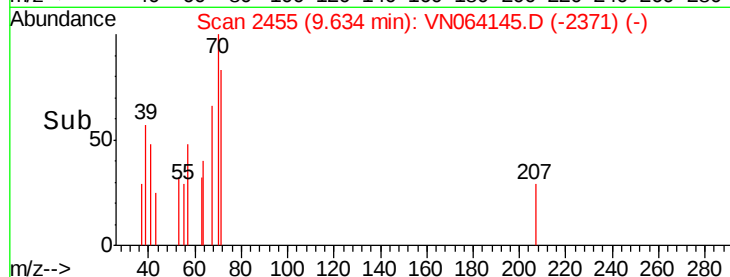
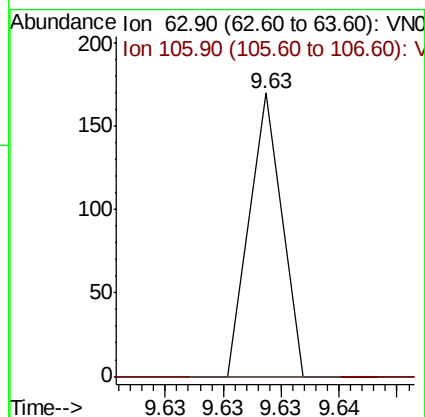
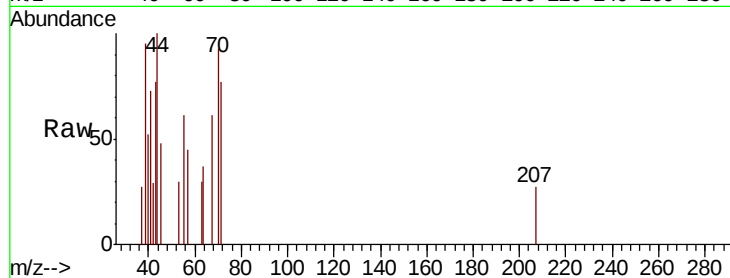
DRUM-COMP

Tot Ion: 63 Resp: 33

Ion Ratio Lower Upper

63 100

106 0.0 21.8 32.6#



#59

2-Hexanone

Concen: 7.318 ug/l

RT: 10.73 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN064145.D

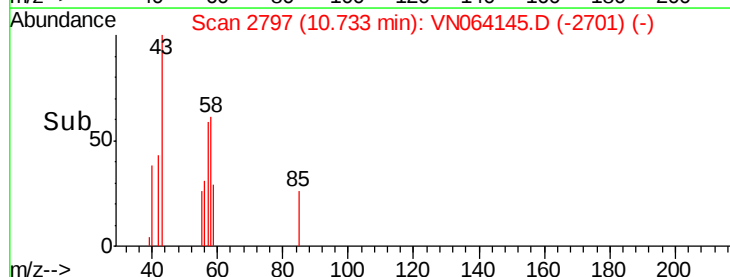
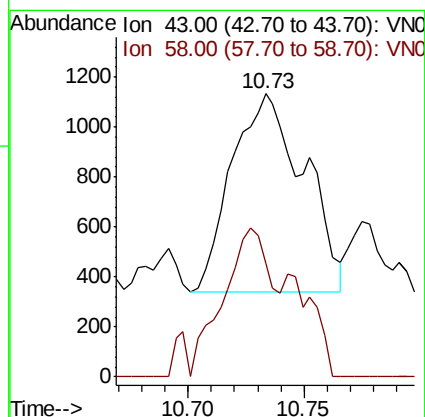
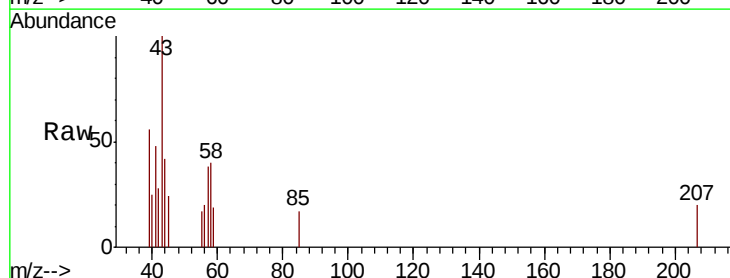
Acq: 15 Oct 2020 15:55

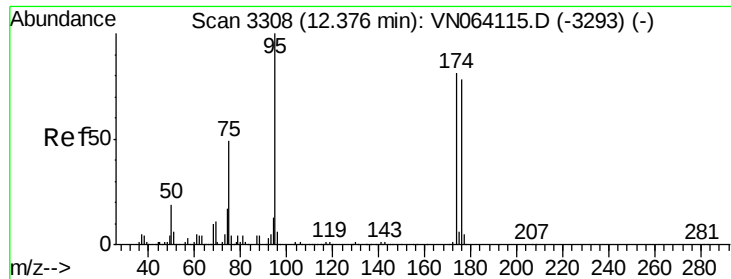
Tgt Ion: 43 Resp: 1725

Ion Ratio Lower Upper

43 100

58 50.5 27.2 81.6

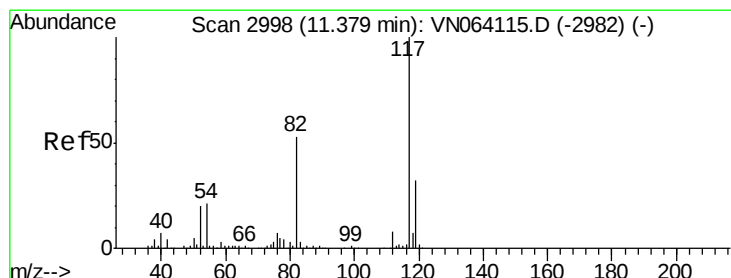
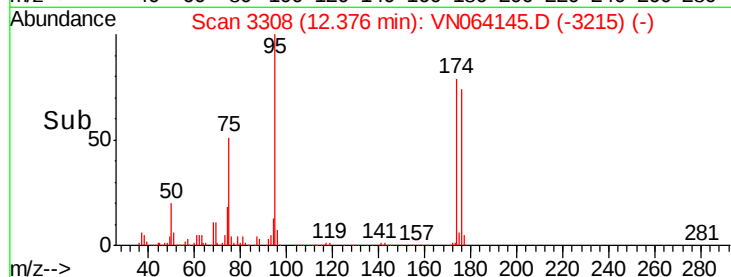
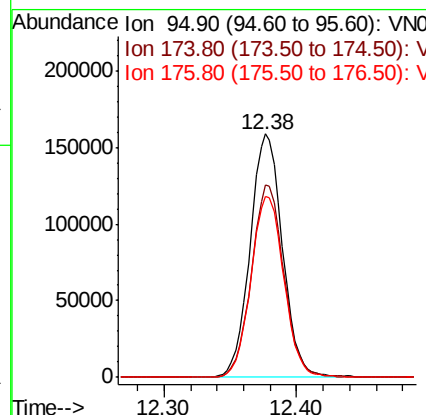
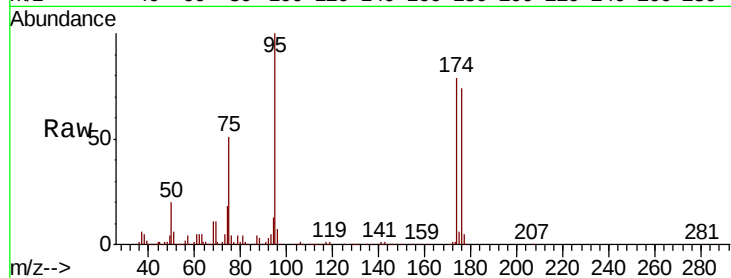




#62
4-Bromofluorobenzene
Concen: 55.582 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

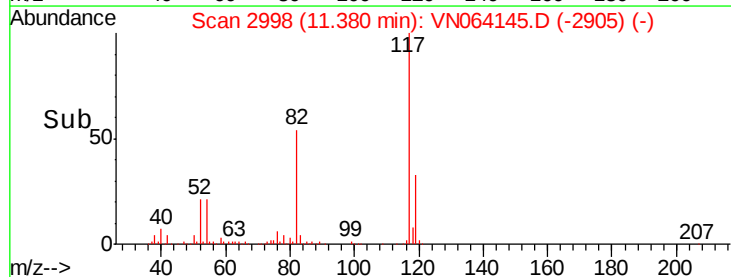
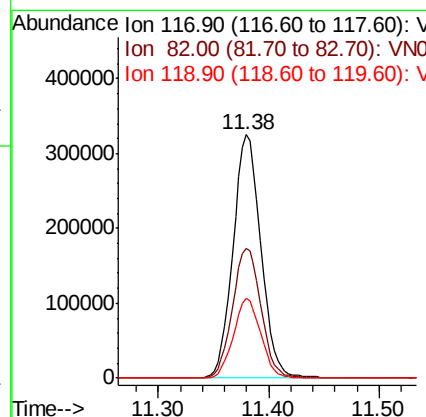
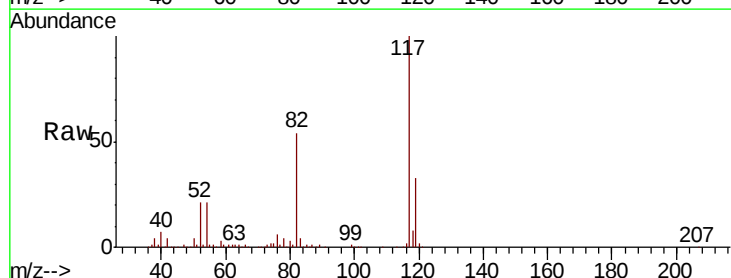
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

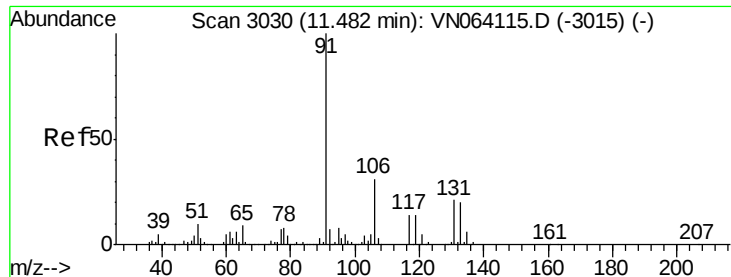
Tot Ion: 95 Resp: 268771
Ion Ratio Lower Upper
95 100
174 79.4 0.0 164.8
176 75.9 0.0 157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

Tgt Ion: 117 Resp: 571066
Ion Ratio Lower Upper
117 100
82 53.5 42.6 63.8
119 32.5 25.5 38.3

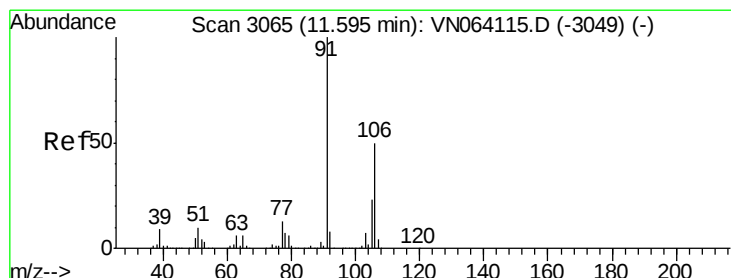
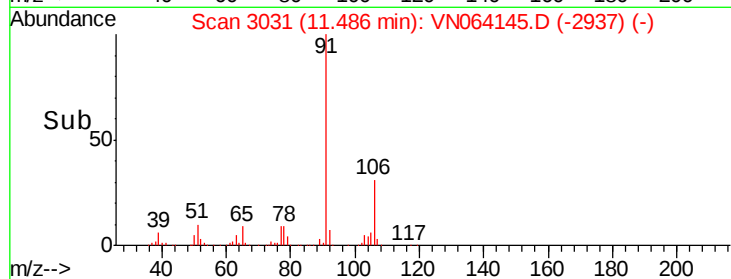
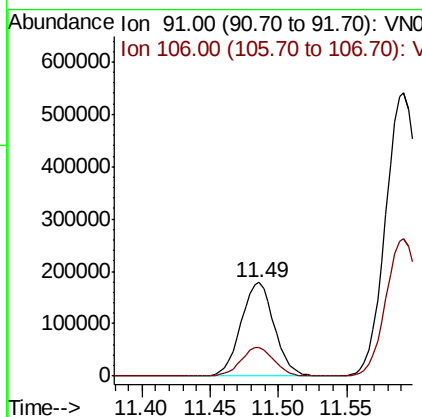
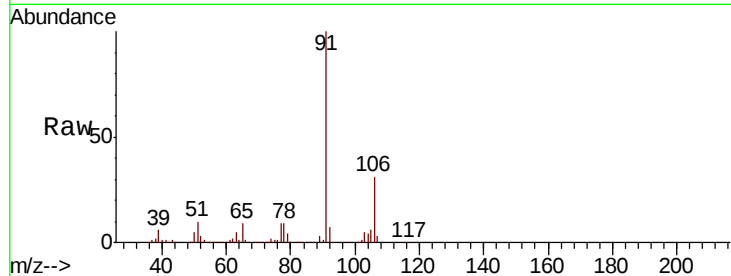




#67
Ethyl Benzene
Concen: 15.047 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

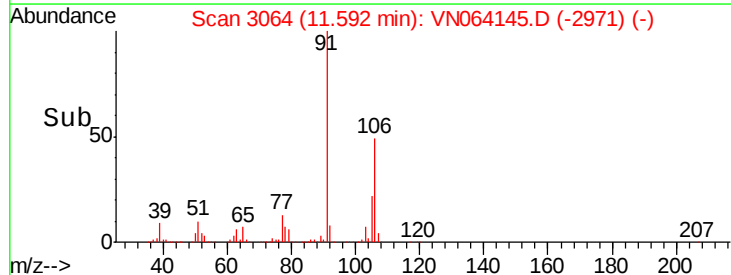
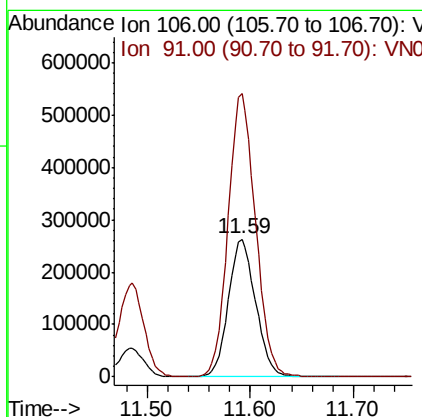
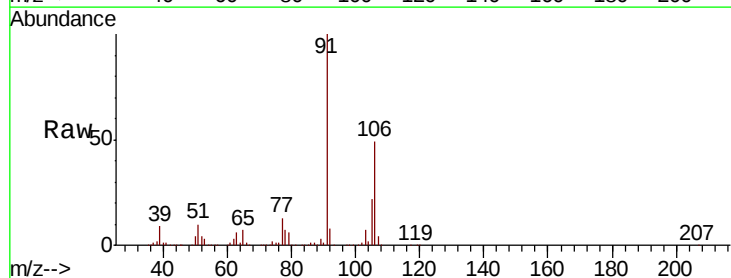
Instrument :
MSVOA_N
ClientSampled :
DRUM-COMP

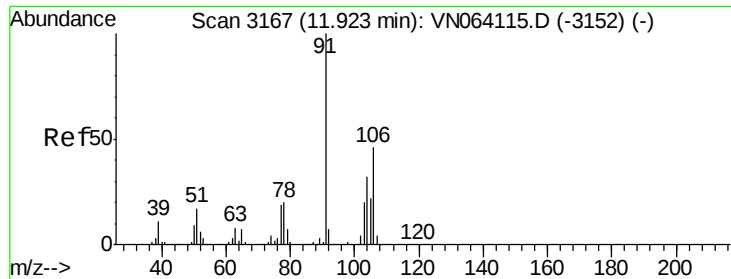
Tot Ion: 91 Resp: 303116
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1



#68
m/p-Xylenes
Concen: 59.088 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

Tgt Ion: 106 Resp: 483088
Ion Ratio Lower Upper
106 100
91 206.6 162.1 243.1

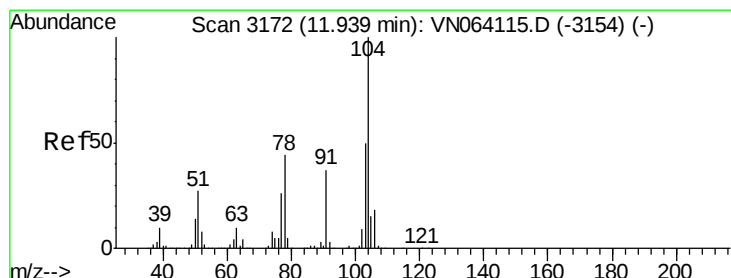
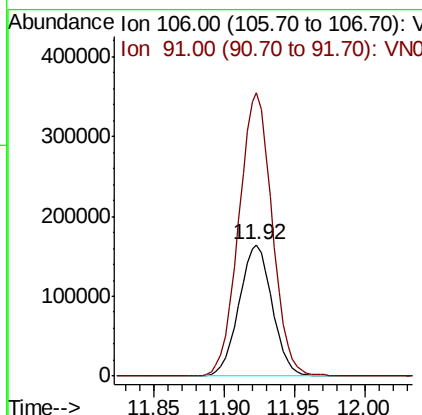
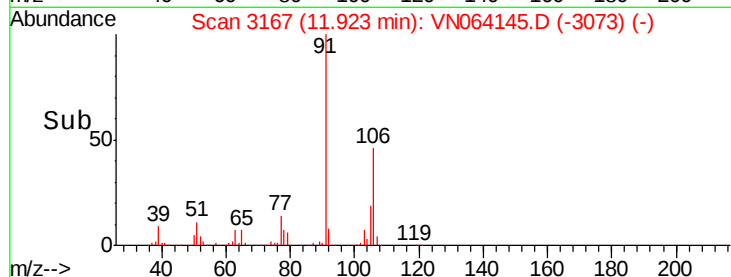
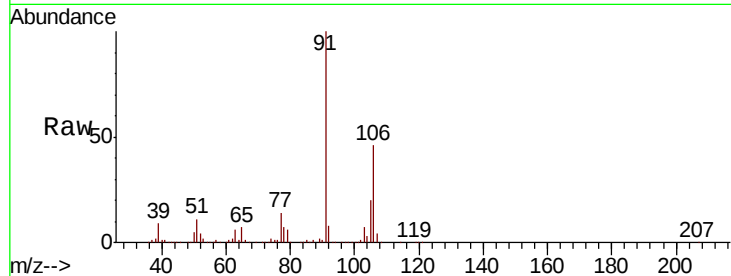




#69
o-Xylene
Concen: 34.716 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

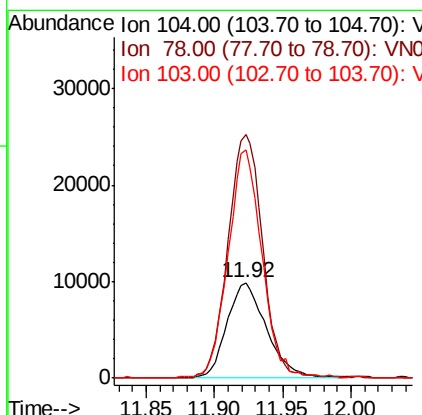
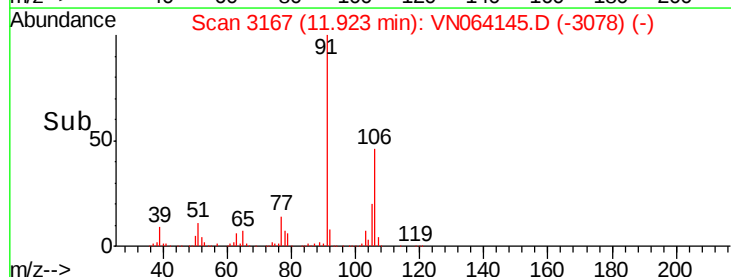
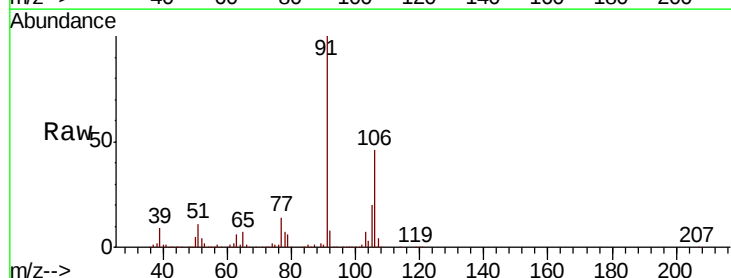
Instrument :
MSVOA_N
ClientSampled :
DRUM-COMP

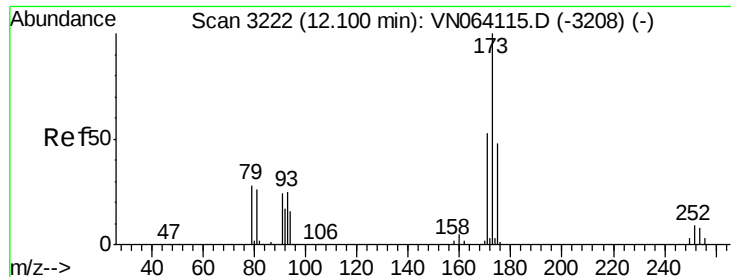
Tot Ion:106 Resp: 271905
Ion Ratio Lower Upper
106 100
91 216.8 107.6 322.8



#70
Styrene
Concen: 3.430 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.02 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

Tgt Ion:104 Resp: 19900
Ion Ratio Lower Upper
104 100
78 223.3 39.7 59.5#
103 204.9 44.2 66.2#





#71

Bromoform

Concen: 2.356 ug/l

RT: 12.37 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN064145.D

Acq: 15 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampled :

DRUM-COMP

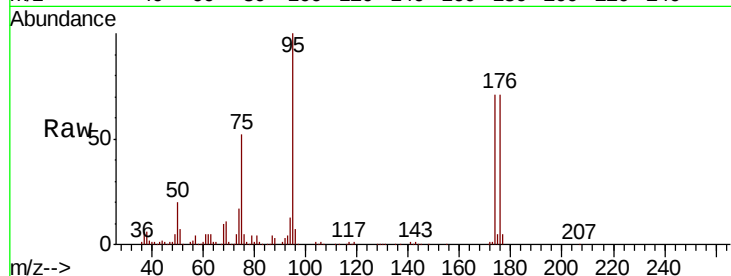
Tot Ion:173 Resp: 496

Ion Ratio Lower Upper

173 100

175 0.0 23.4 70.2#

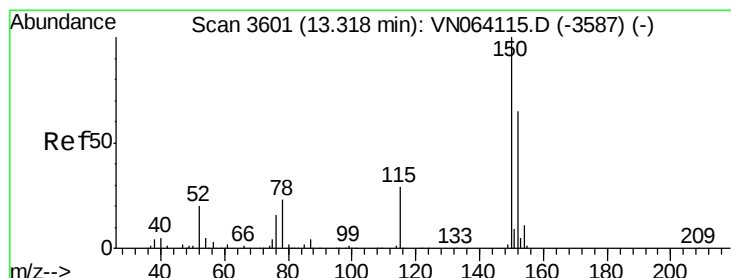
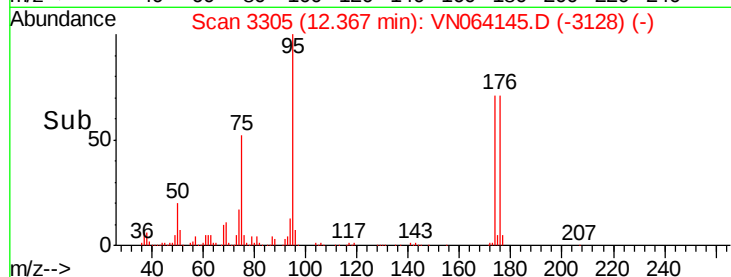
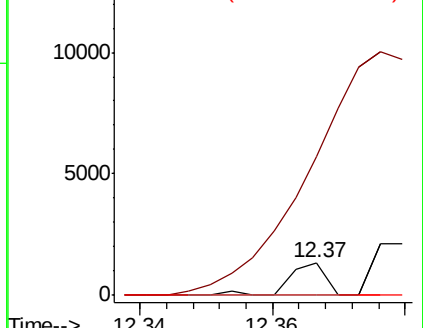
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064145.D

Acq: 15 Oct 2020 15:55

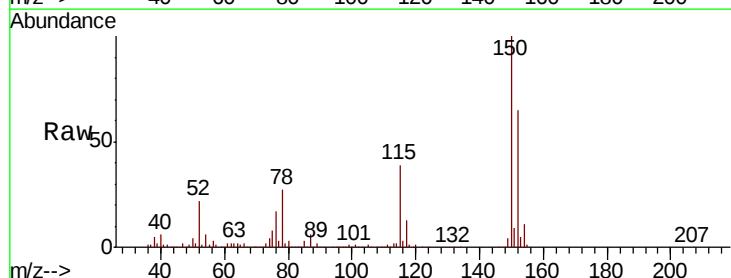
Tgt Ion:152 Resp: 262690

Ion Ratio Lower Upper

152 100

115 64.3 29.3 87.8

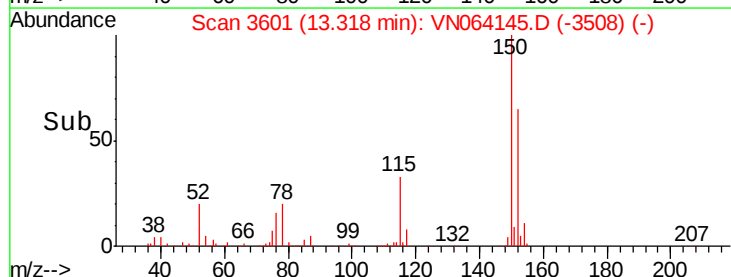
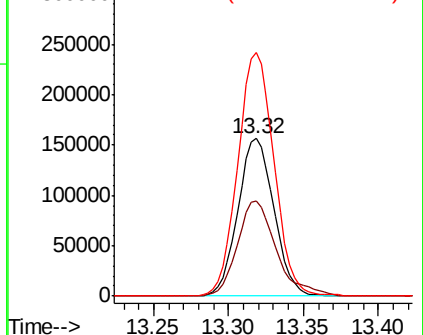
150 155.6 0.0 346.0

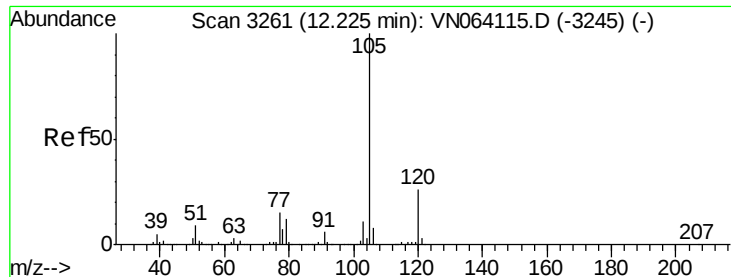


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.480 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064145.D

Acq: 15 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

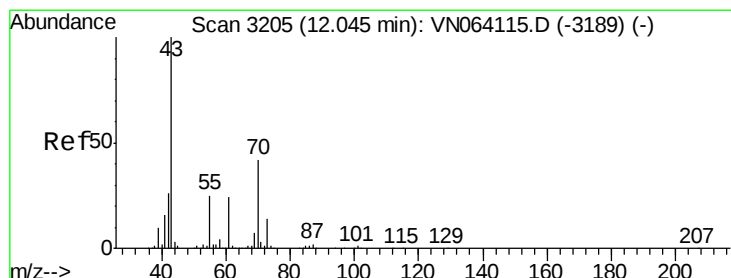
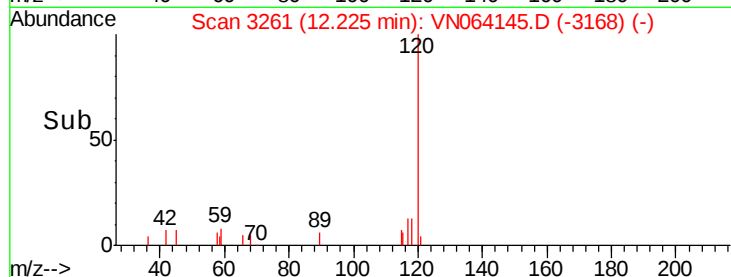
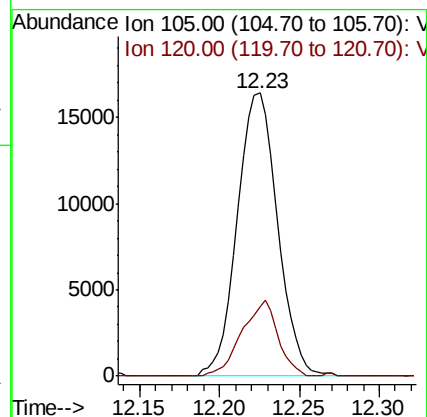
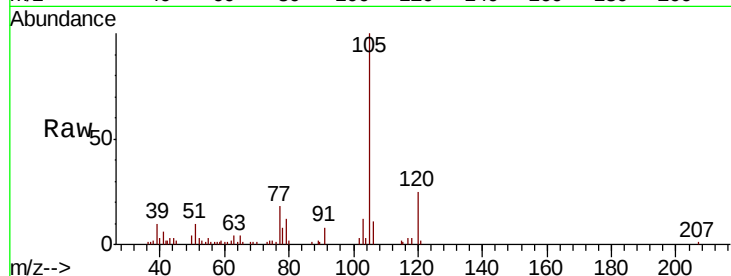
DRUM-COMP

Tot Ion:105 Resp: 28162

Ion Ratio Lower Upper

105 100

120 24.1 13.2 39.5



#74

N-ethyl acetate

Concen: 0.955 ug/l

RT: 12.00 min Scan# 3192

Delta R.T. -0.04 min

Lab File: VN064145.D

Acq: 15 Oct 2020 15:55

Tgt Ion: 43 Resp: 6806

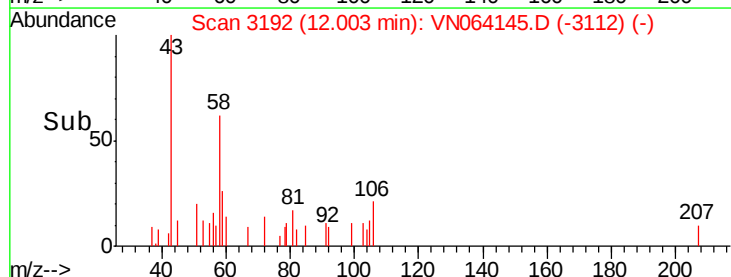
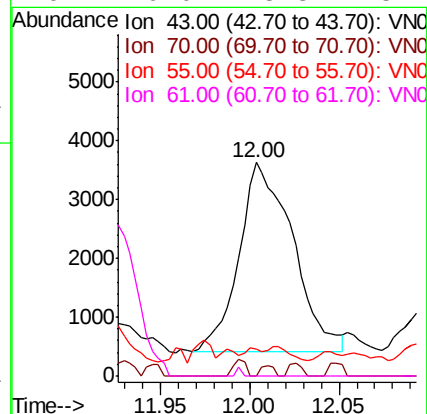
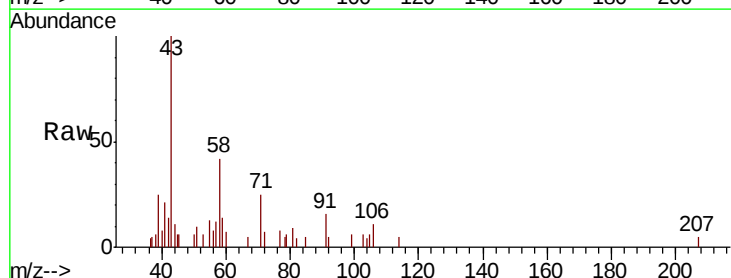
Ion Ratio Lower Upper

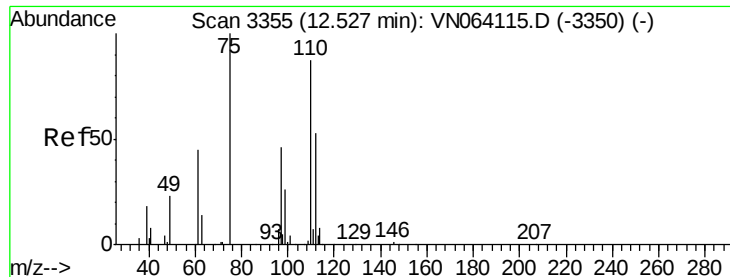
43 100

70 1.4 33.2 49.8#

55 1.1 19.9 29.9#

61 0.0 18.8 28.2#

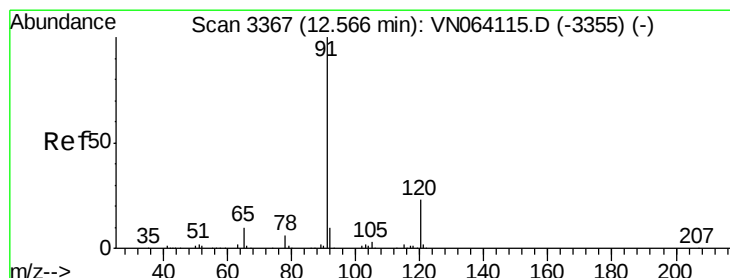
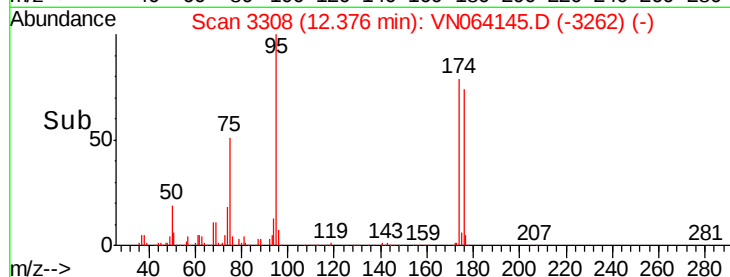
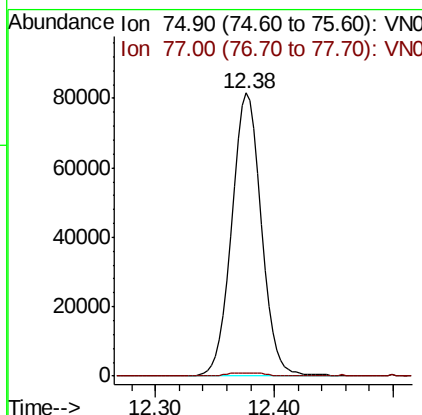
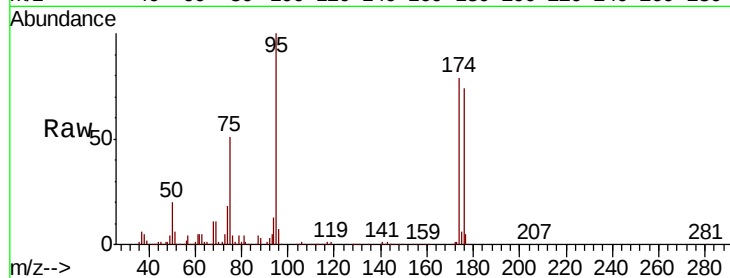




#76
 1,2,3-Trichloropropane
 Concen: 22.853 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.15 min
 Lab File: VN064145.D
 Acq: 15 Oct 2020 15:55

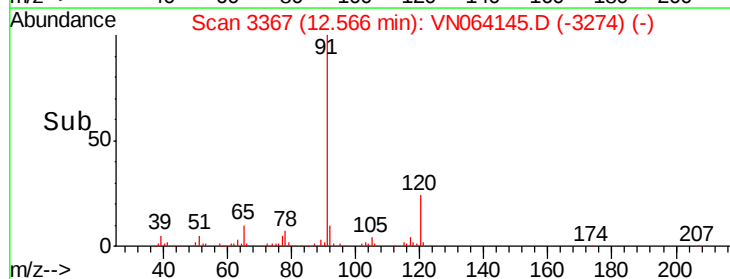
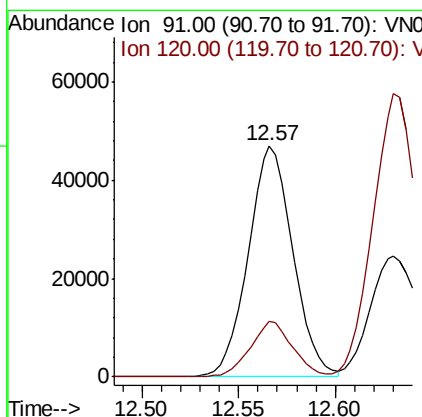
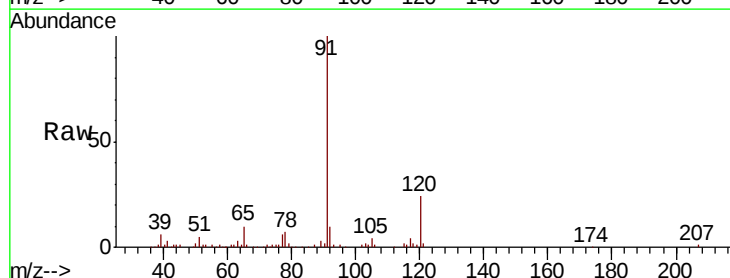
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

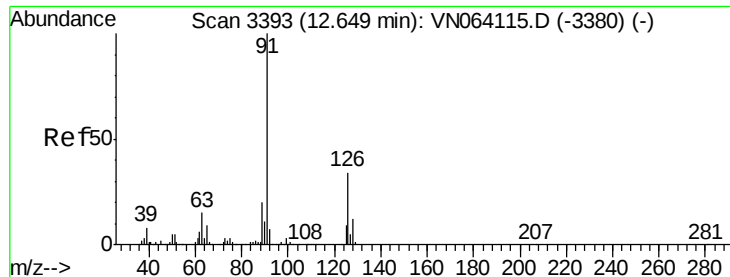
Tot Ion: 75 Resp: 140841
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#78
 n-propylbenzene
 Concen: 3.519 ug/l
 RT: 12.57 min Scan# 3367
 Delta R.T. 0.00 min
 Lab File: VN064145.D
 Acq: 15 Oct 2020 15:55

Tgt Ion: 91 Resp: 74745
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.5 34.5

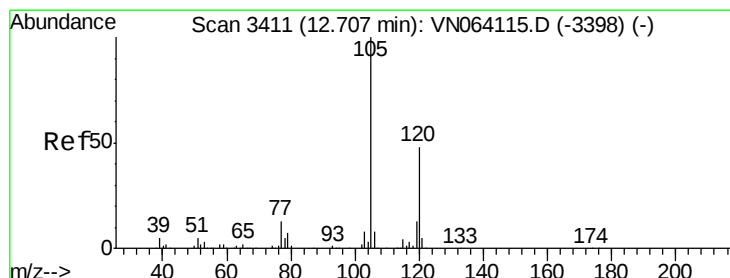
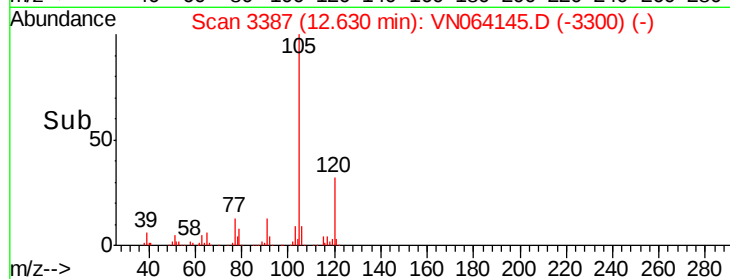
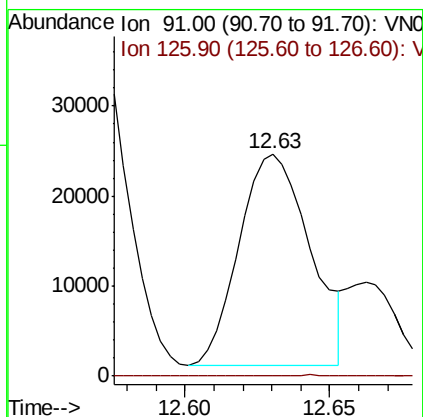
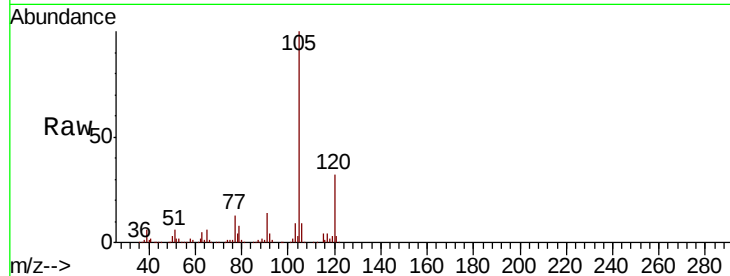




#79
 2-Chlorotoluene
 Concen: 2.967 ug/l
 RT: 12.63 min Scan# 3387
 Delta R.T. -0.02 min
 Lab File: VN064145.D
 Acq: 15 Oct 2020 15:55

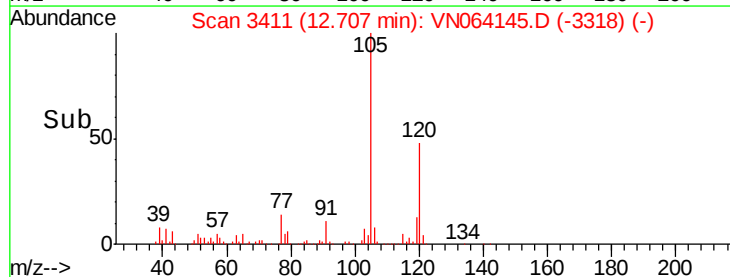
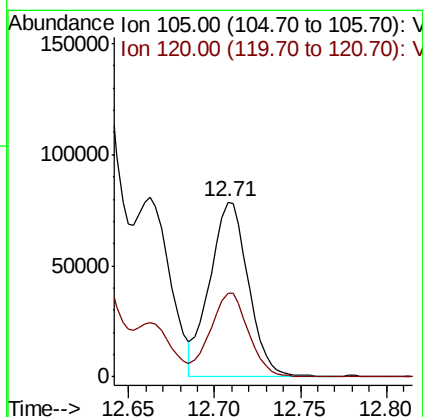
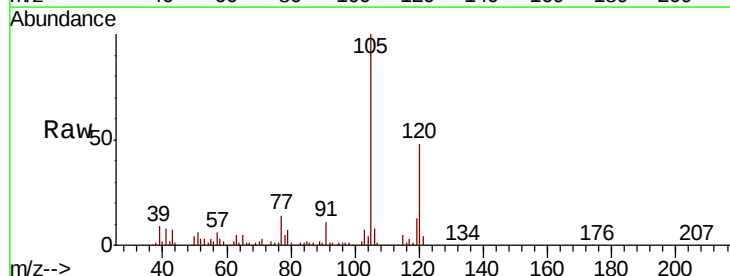
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

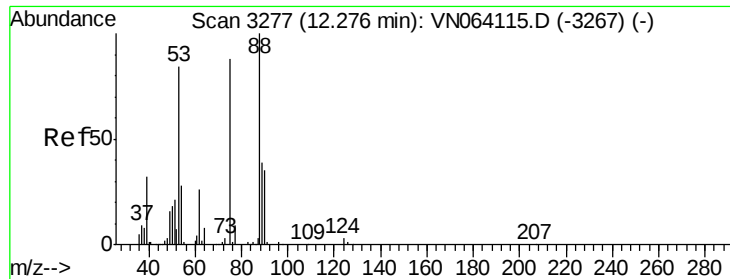
Tot Ion: 91 Resp: 40078
 Ion Ratio Lower Upper
 91 100
 126 0.1 17.5 52.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 7.970 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064145.D
 Acq: 15 Oct 2020 15:55

Tgt Ion: 105 Resp: 121726
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 69.820 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064145.D

Acq: 15 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampled :

DRUM-COMP

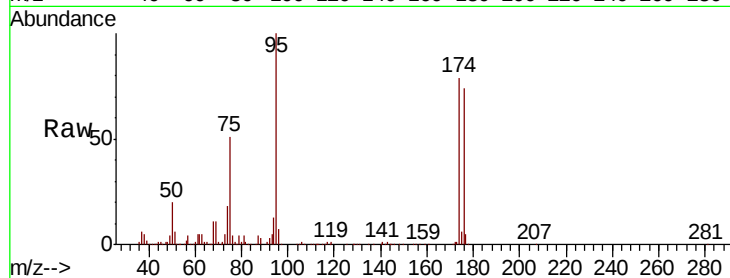
Tot Ion: 75 Resp: 140841

Ion Ratio Lower Upper

75 100

53 0.2 75.7 113.5#

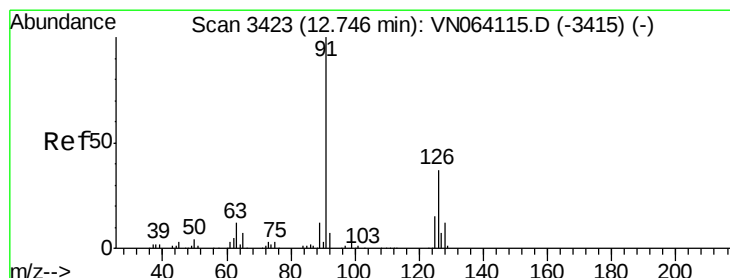
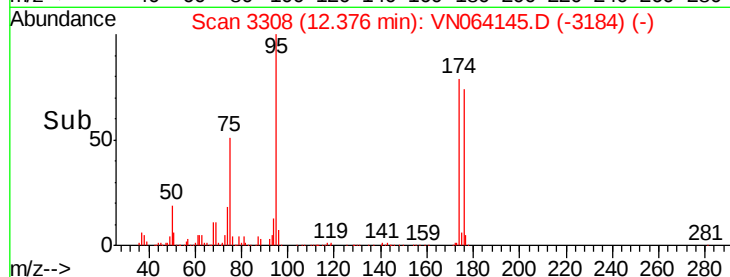
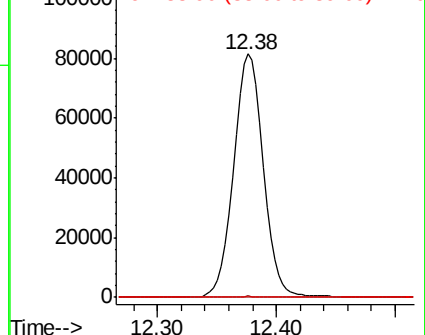
89 0.0 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 1.018 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.04 min

Lab File: VN064145.D

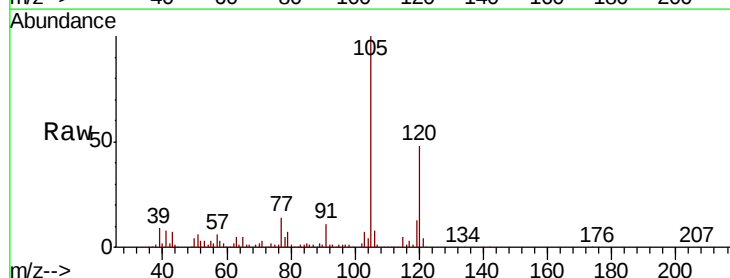
Acq: 15 Oct 2020 15:55

Tgt Ion: 91 Resp: 13852

Ion Ratio Lower Upper

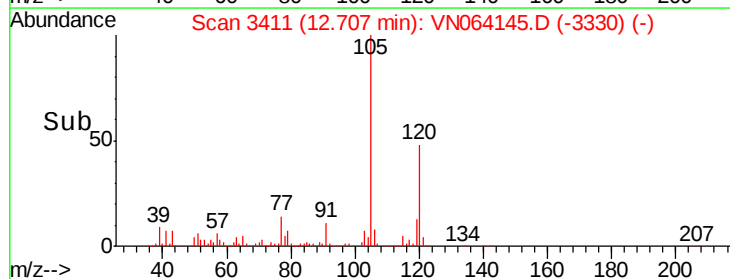
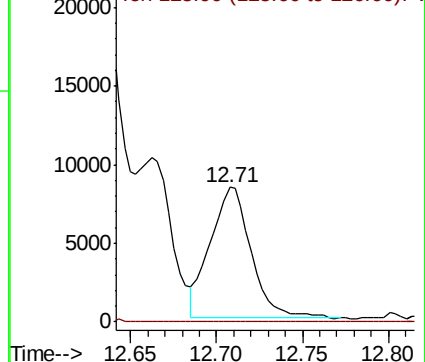
91 100

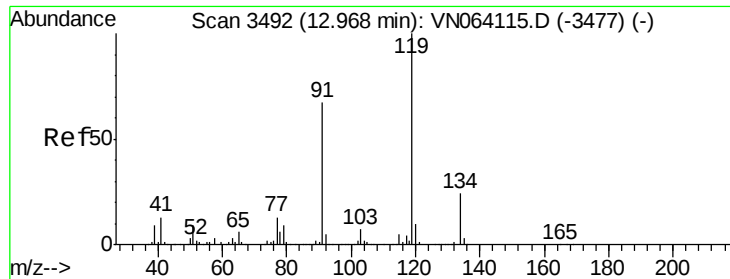
126 0.0 17.1 51.2#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

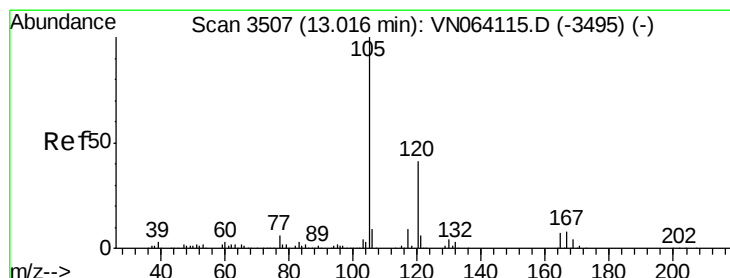
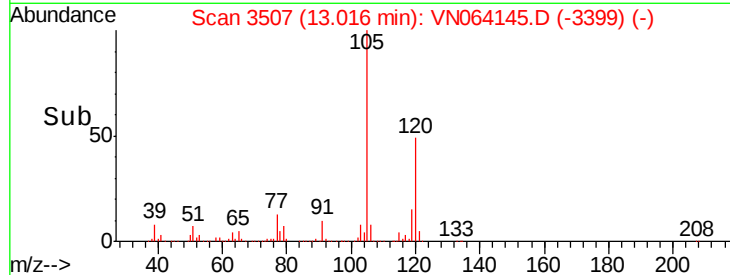
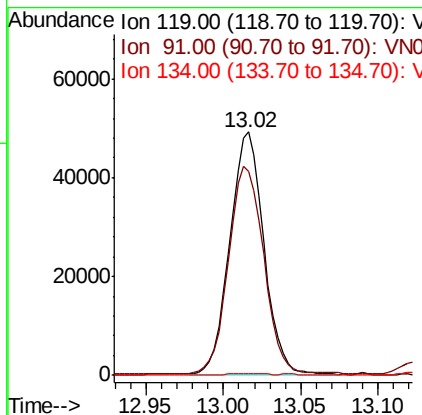
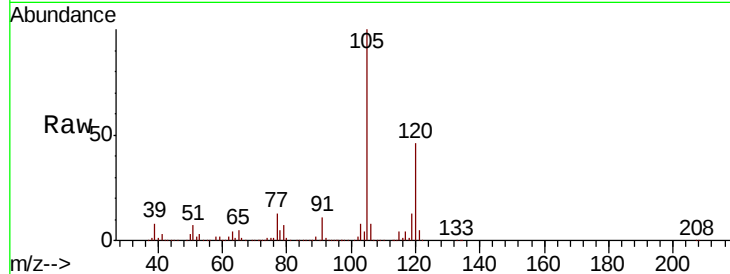




#83
 tert-Butylbenzene
 Concen: 5.884 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.05 min
 Lab File: VN064145.D
 Acq: 15 Oct 2020 15:55

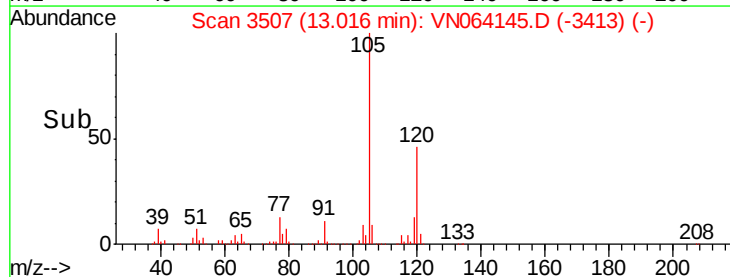
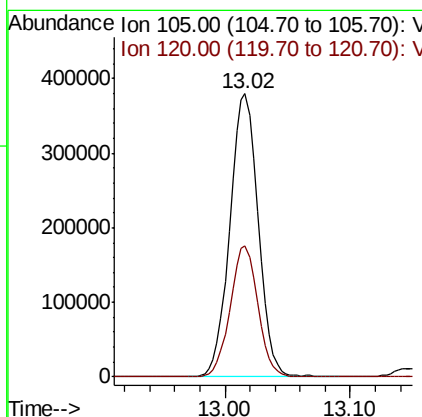
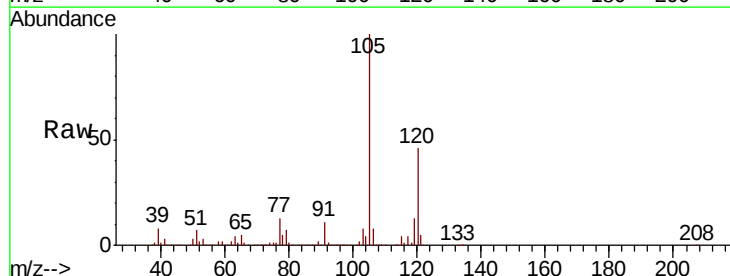
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

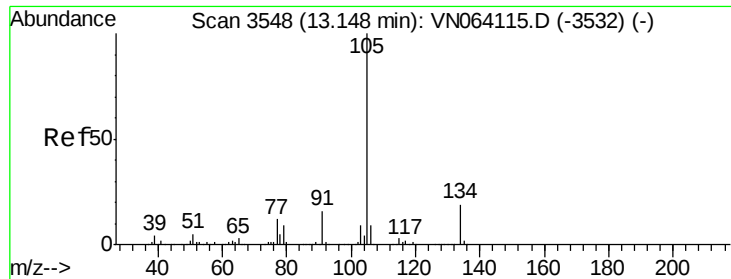
Tot Ion:119 Resp: 74321
 Ion Ratio Lower Upper
 119 100
 91 89.1 32.6 98.0
 134 0.7 13.0 39.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 37.296 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064145.D
 Acq: 15 Oct 2020 15:55

Tgt Ion:105 Resp: 592967
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.8 68.4





#85

sec-Butylbenzene

Concen: 36.518 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. -0.13 min

Lab File: VN064145.D

Acq: 15 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

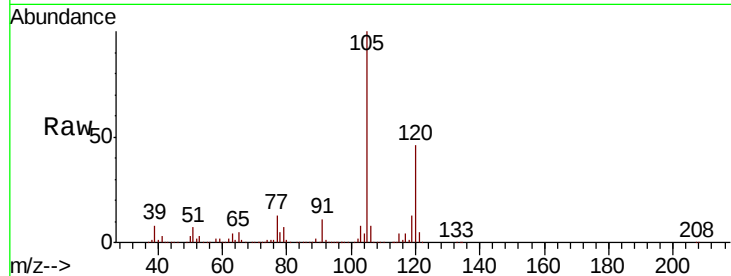
DRUM-COMP

Tot Ion:105 Resp: 592967

Ion Ratio Lower Upper

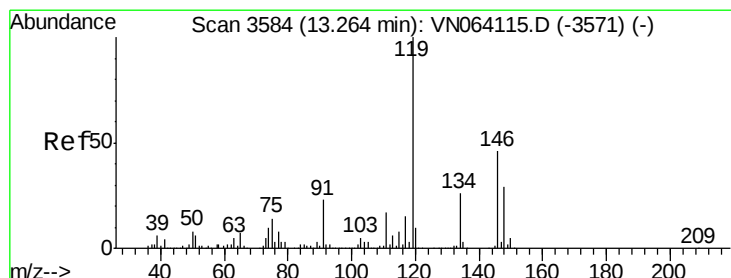
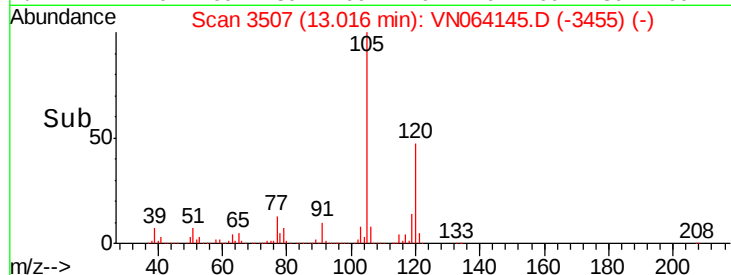
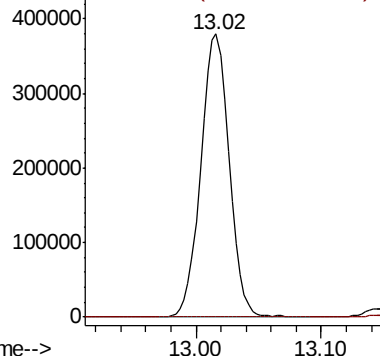
105 100

134 0.1 9.7 29.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.417 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064145.D

Acq: 15 Oct 2020 15:55

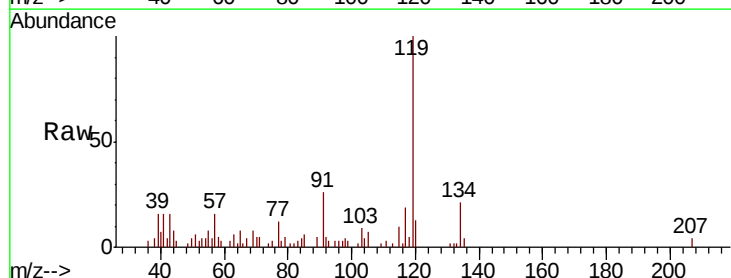
Tgt Ion:119 Resp: 11751

Ion Ratio Lower Upper

119 100

134 23.2 13.2 39.5

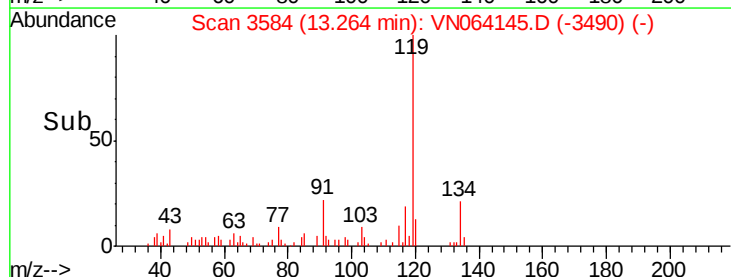
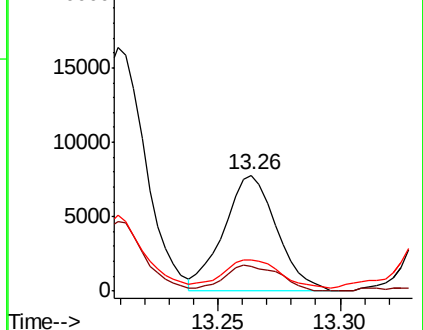
91 24.7 12.0 36.1

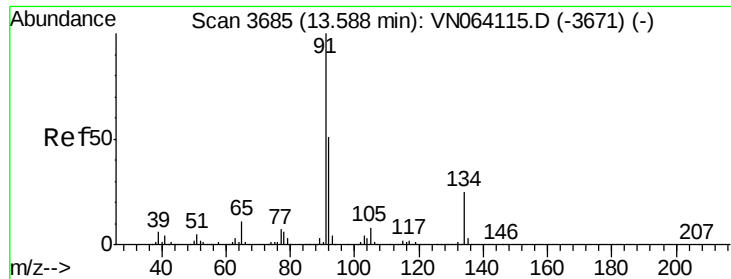


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

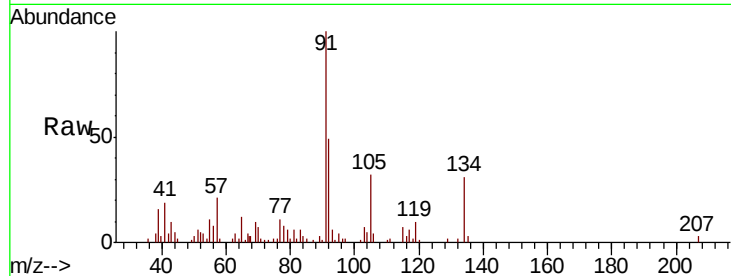




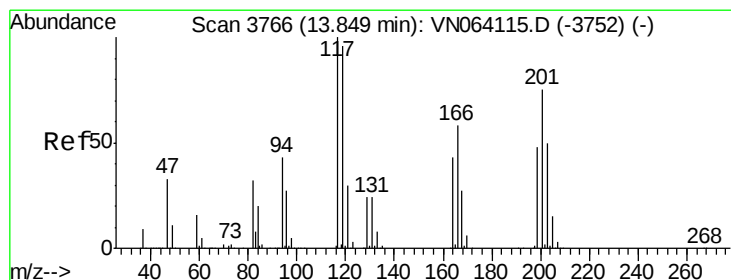
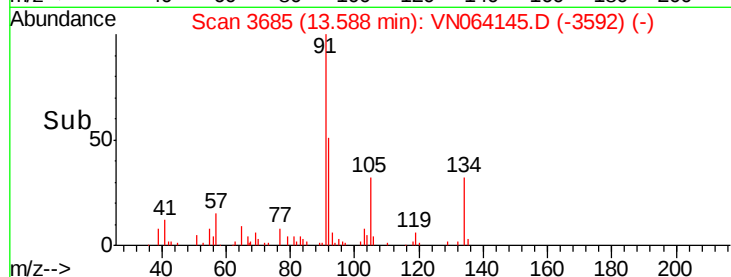
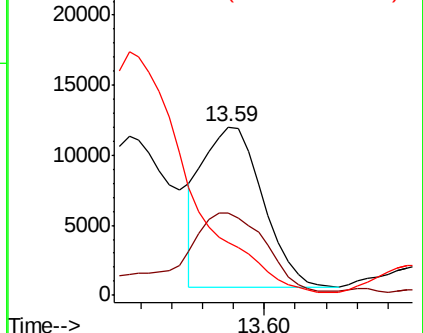
#89
n-Butylbenzene
Concen: 1.299 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

Tot Ion: 91 Resp: 15369
Ion Ratio Lower Upper
91 100
92 72.9 25.6 76.6
134 0.0 12.6 37.8#

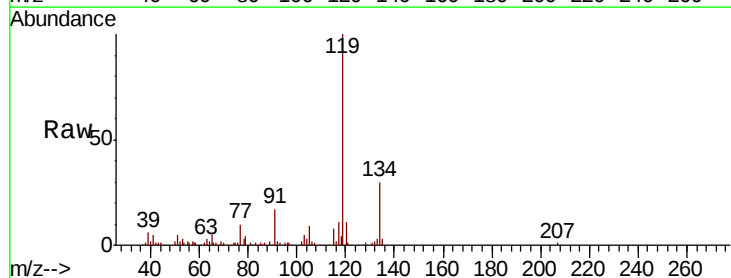


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

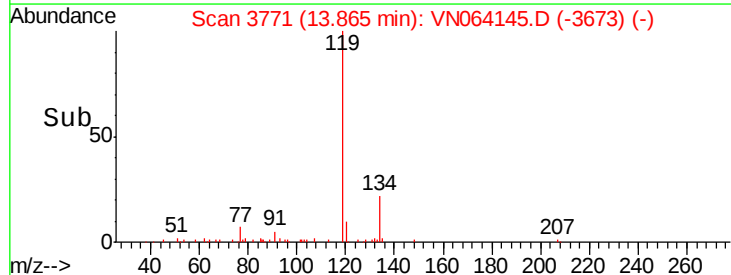
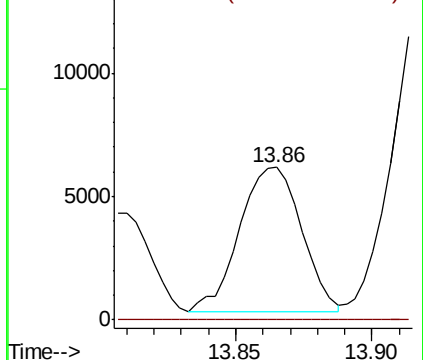


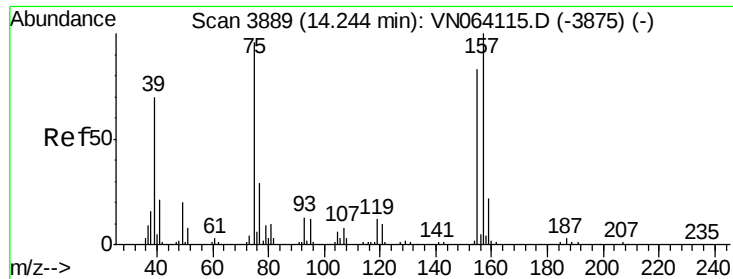
#90
Hexachloroethane
Concen: 3.423 ug/l
RT: 13.86 min Scan# 3771
Delta R.T. 0.02 min
Lab File: VN064145.D
Acq: 15 Oct 2020 15:55

Tgt Ion: 117 Resp: 9249
Ion Ratio Lower Upper
117 100
201 0.0 37.4 112.2#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.871 ug/l

RT: 14.23 min Scan# 3883

Delta R.T. -0.02 min

Lab File: VN064145.D

Acq: 15 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP

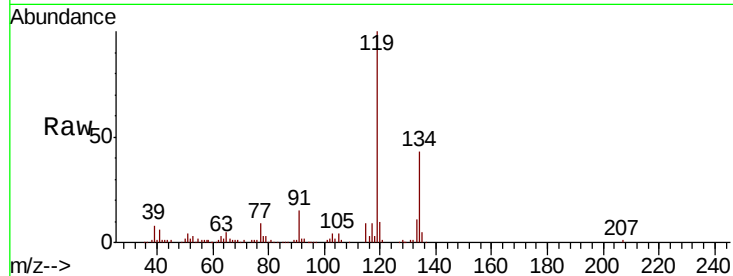
Tot Ion: 75 Resp: 1098

Ion Ratio Lower Upper

75 100

155 0.0 40.8 122.2#

157 0.0 53.9 161.7#



Abundance Ion 74.90 (74.60 to 75.60): VN064115.D (-3875) (-)

Ion 154.80 (154.50 to 155.50): VN064115.D (-3875) (-)

Ion 156.80 (156.50 to 157.50): VN064115.D (-3875) (-)

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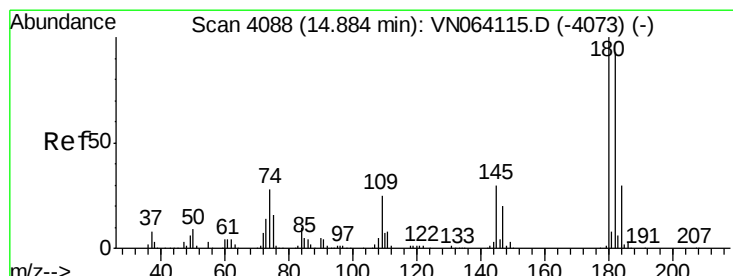
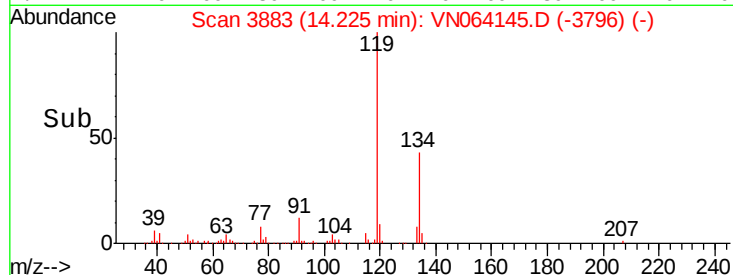
14.25

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#93

1,2,4-Trichlorobenzene

Concen: 3.187 ug/l

RT: 14.88 min Scan# 4087

Delta R.T. -0.00 min

Lab File: VN064145.D

Acq: 15 Oct 2020 15:55

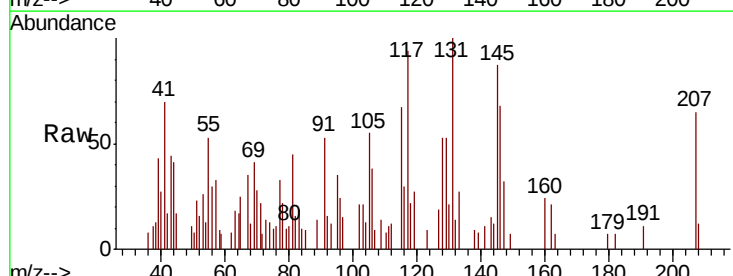
Tgt Ion:180 Resp: 30

Ion Ratio Lower Upper

180 100

182 200.0 45.8 137.4#

145 12890.0 15.4 46.1#



Abundance Ion 179.80 (179.50 to 180.50): VN064115.D (-4073) (-)

Ion 181.80 (181.50 to 182.50): VN064115.D (-4073) (-)

Ion 144.80 (144.50 to 145.50): VN064115.D (-4073) (-)

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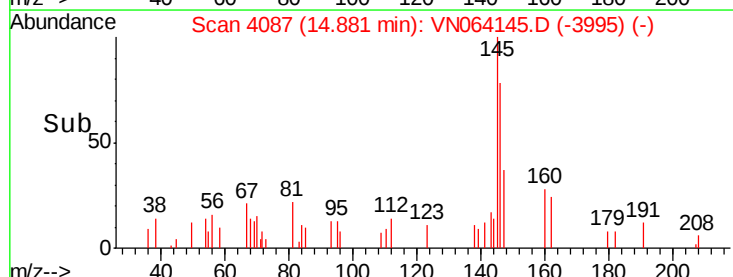
14.89

14.87

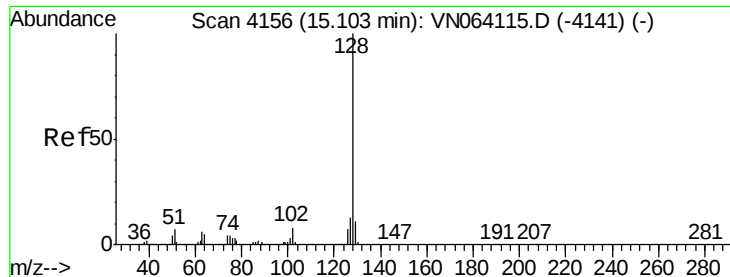
14.89

14.87

14.89



Time-->



#95

Naphthalene

Concen: 21.780 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064145.D

Acq: 15 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP

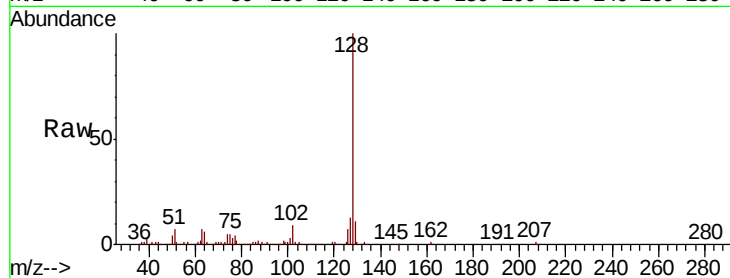
Tot Ion:128 Resp: 250216

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

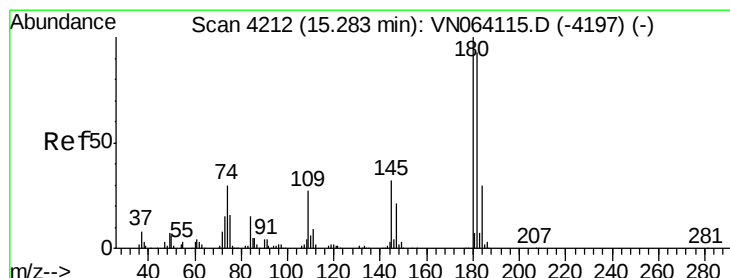
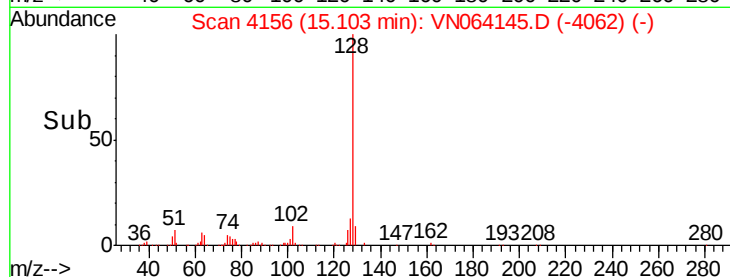
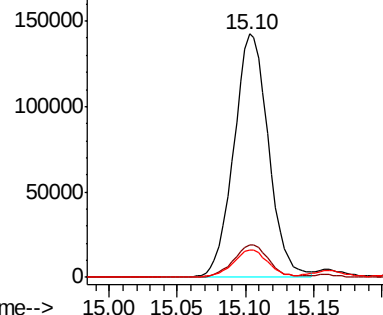
129 11.0 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 2.817 ug/l

RT: 15.45 min Scan# 4265

Delta R.T. 0.17 min

Lab File: VN064145.D

Acq: 15 Oct 2020 15:55

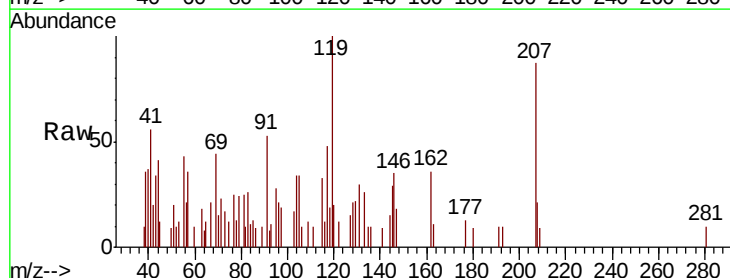
Tgt Ion:180 Resp: 31

Ion Ratio Lower Upper

180 100

182 0.0 46.6 139.8#

145 1358.1 16.1 48.2#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

