

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064132.D
 Acq On : 14 Oct 2020 23:19
 Operator : JC/MD
 Sample : L4226-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-101320

Quant Time: Oct 15 06:01:57 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	7.62	168	270284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	536149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	582246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	207184	50.00	ug/l	0.00

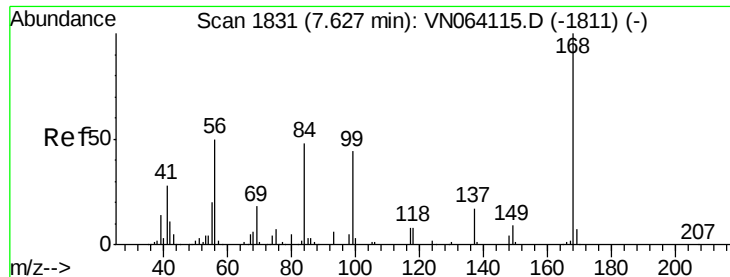
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	219456	57.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.02%	
35) Dibromofluoromethane	7.55	113	182962	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	10.06	98	709475	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.38	95	244175	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	

Target Compounds

					Qvalue	
13) Acrolein	3.58	56	100	0.286	ug/l	94
16) Acetone	3.78	43	13185	11.548	ug/l	91
18) Methyl Acetate	4.29	43	2526	0.882	ug/l #	71
20) Methylene Chloride	4.51	84	15074	4.267	ug/l	97
29) Tetrahydrofuran	7.17	42	641	0.625	ug/l #	58
31) Cyclohexane	7.63	56	6859	1.612	ug/l #	18
36) 1,1-Dichloropropene	7.63	75	22470	4.348	ug/l #	50
38) Carbon Tetrachloride	7.63	117	27798	5.002	ug/l #	17
40) Benzene	8.00	78	4452	0.284	ug/l	99
43) Isopropyl Acetate	8.13	43	83968	11.033	ug/l #	89
48) Methyl methacrylate	9.23	41	155339	44.188	ug/l #	42
49) 1,4-Dioxane	9.19	88	72	1.349	ug/l #	25
51) 4-Methyl-2-Pentanone	9.95	43	8764	1.946	ug/l	96
54) cis-1,3-Dichloropropene	9.87	75	37142	5.789	ug/l #	67
56) Ethyl methacrylate	10.51	69	3081	2.808	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	6476	0.987	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.54	63	29	12.229	ug/l #	48
59) 2-Hexanone	10.74	43	93423	32.942	ug/l #	54
68) m/p-Xylenes	11.59	106	392	2.237	ug/l #	1
69) o-Xylene	11.91	106	336	1.623	ug/l #	1
70) Styrene	11.95	104	322	2.059	ug/l #	72
71) Bromoform	12.35	173	67	2.247	ug/l #	30
74) N-ethyl acetate	12.01	43	3150	0.560	ug/l #	51
76) 1,2,3-Trichloropropane	12.38	75	130855	26.921	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	130855	82.249	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.03	105	1149	0.276	ug/l	76
86) p-Isopropyltoluene	13.27	119	242	0.682	ug/l #	54
90) Hexachloroethane	13.97	117	628	0.295	ug/l #	12
95) Naphthalene	15.11	128	16822	5.330	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064132.D

Acq: 14 Oct 2020 23:19

Instrument :

MSVOA_N

ClientSampleId :

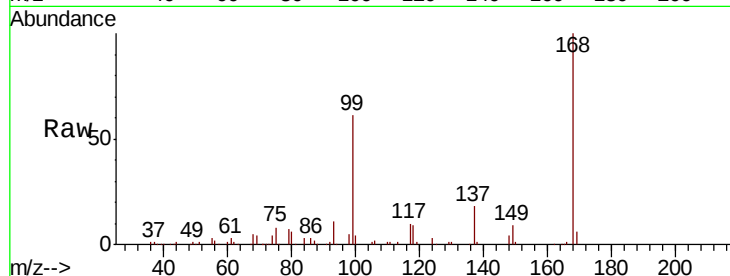
TR-04-101320

Tot Ion:168 Resp: 270284

Ion Ratio Lower Upper

168 100

99 60.5 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

120000

100000

80000

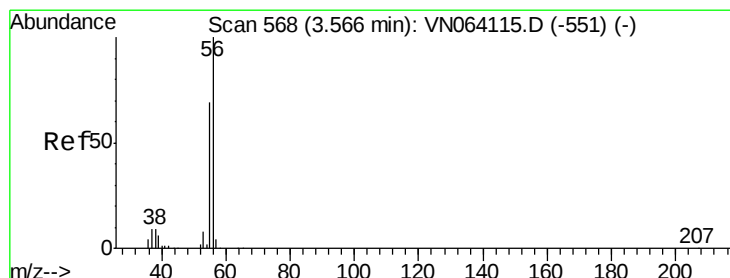
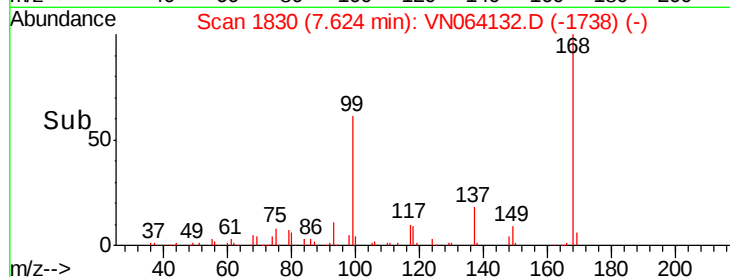
60000

40000

20000

0

Time-->



#13

Acrolein

Concen: 0.286 ug/l

RT: 3.58 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN064132.D

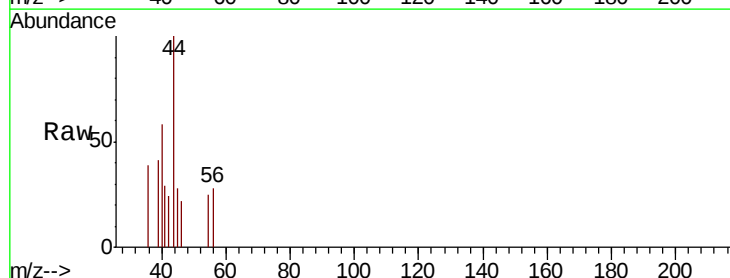
Acq: 14 Oct 2020 23:19

Tgt Ion: 56 Resp: 100

Ion Ratio Lower Upper

56 100

55 75.0 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.58

200

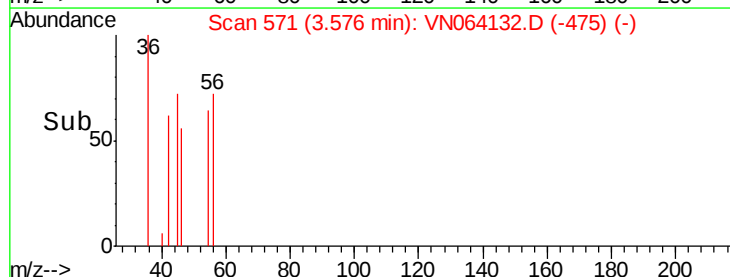
150

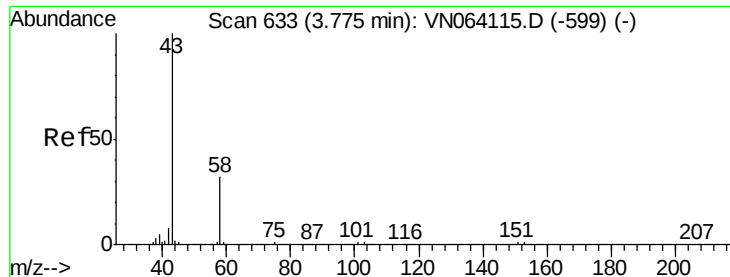
100

50

0

Time-->





#16

Acetone

Concen: 11.548 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064132.D

Acq: 14 Oct 2020 23:19

Instrument :

MSVOA_N

ClientSampled :

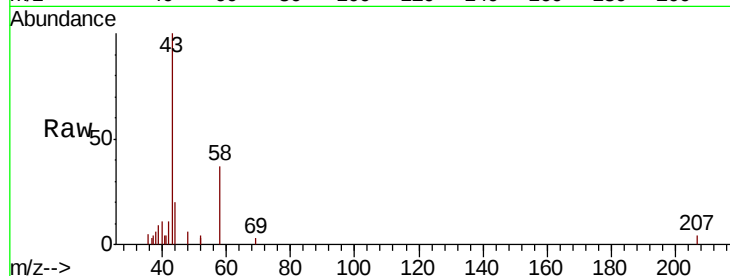
TR-04-101320

Tot Ion: 43 Resp: 13185

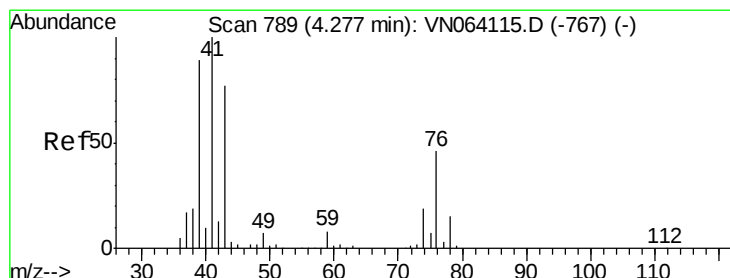
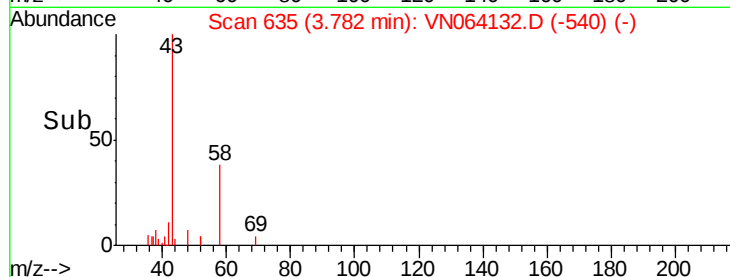
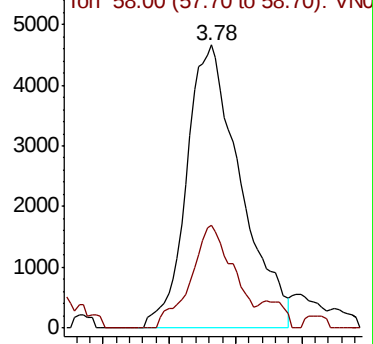
Ion Ratio Lower Upper

43 100

58 36.5 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN064115.D (-599) (-)



#18

Methyl Acetate

Concen: 0.882 ug/l

RT: 4.29 min Scan# 793

Delta R.T. 0.01 min

Lab File: VN064132.D

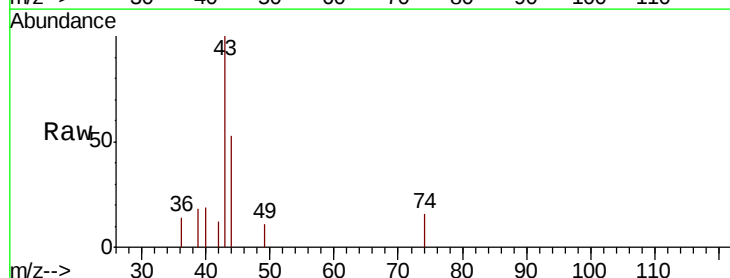
Acq: 14 Oct 2020 23:19

Tgt Ion: 43 Resp: 2526

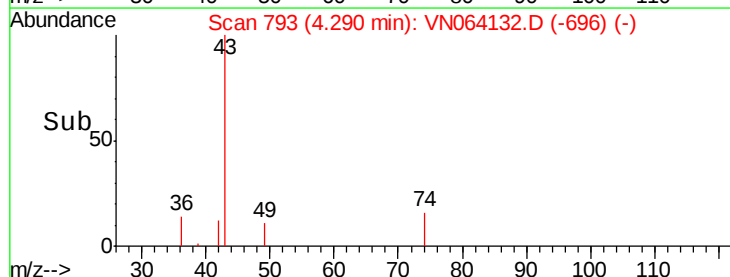
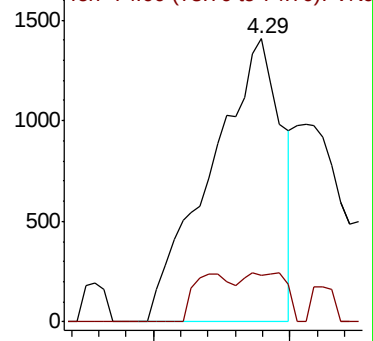
Ion Ratio Lower Upper

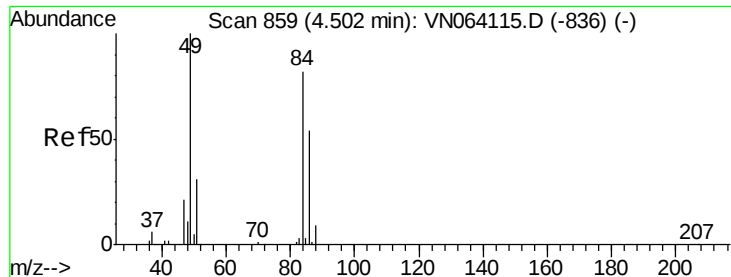
43 100

74 10.4 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VN064115.D (-767) (-)

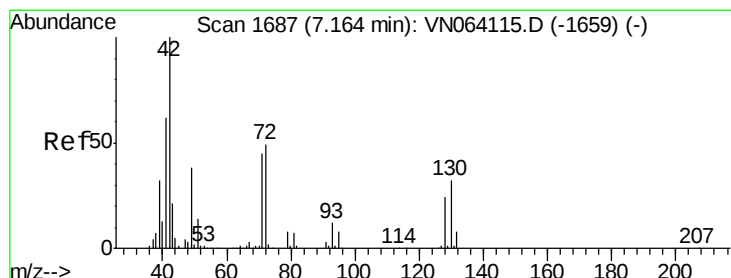
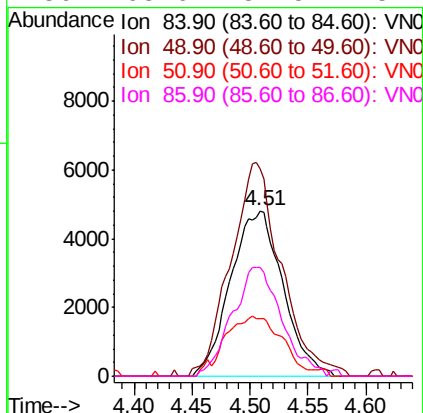
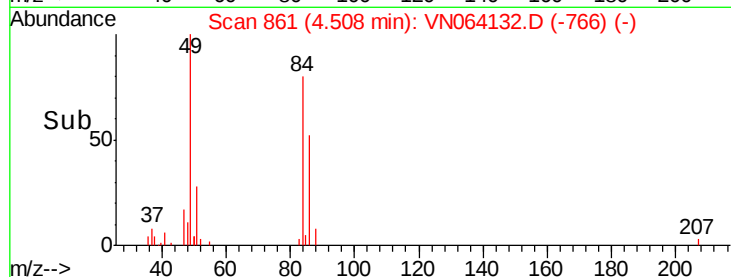
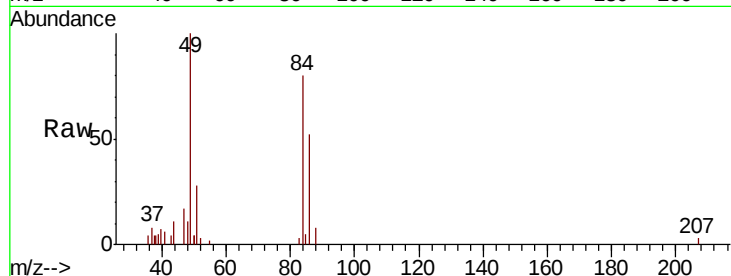




#20
Methylene Chloride
Concen: 4.267 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN064132.D
Acq: 14 Oct 2020 23:19

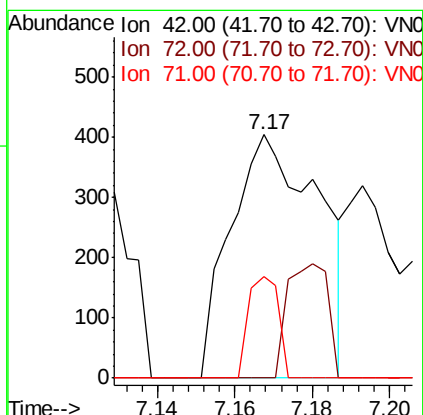
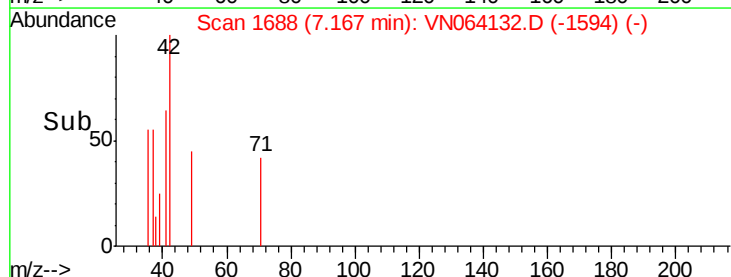
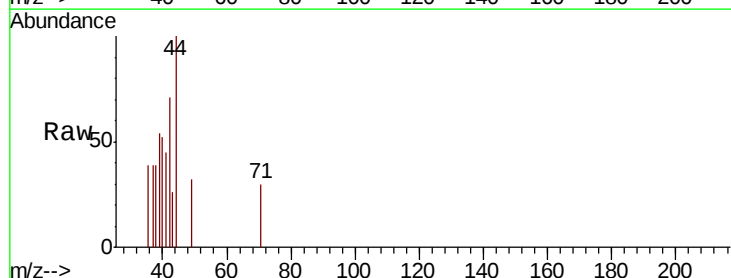
Instrument :
MSVOA_N
ClientSampled :
TR-04-101320

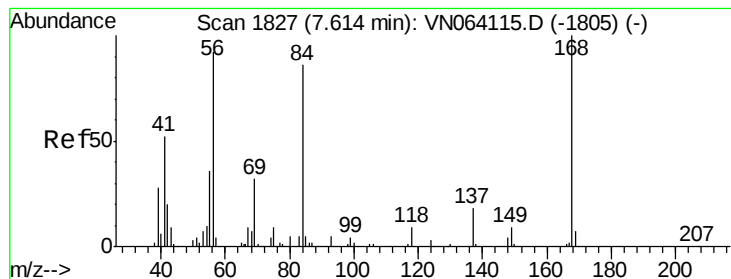
Tot Ion:	84	Resp:	15074
Ion	Ratio	Lower	Upper
84	100		
49	125.6	97.4	146.0
51	34.7	29.7	44.5
86	65.6	52.5	78.7



#29
Tetrahydrofuran
Concen: 0.625 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN064132.D
Acq: 14 Oct 2020 23:19

Tgt Ion:	42	Resp:	641
Ion	Ratio	Lower	Upper
42	100		
72	21.4	37.8	56.6#
71	14.2	35.3	52.9#





#31

Cyclohexane

Concen: 1.612 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN064132.D

Acq: 14 Oct 2020 23:19

Instrument :

MSVOA_N

ClientSampleId :

TR-04-101320

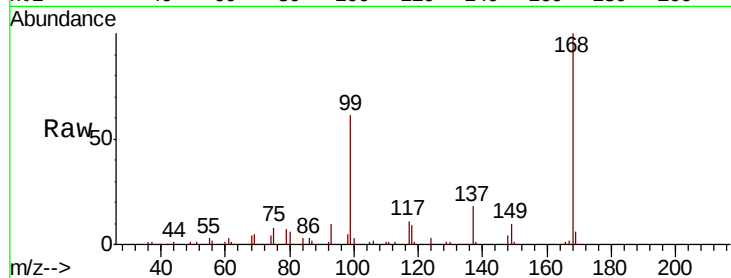
Tot Ion: 56 Resp: 6859

Ion Ratio Lower Upper

56 100

69 181.6 27.8 41.6#

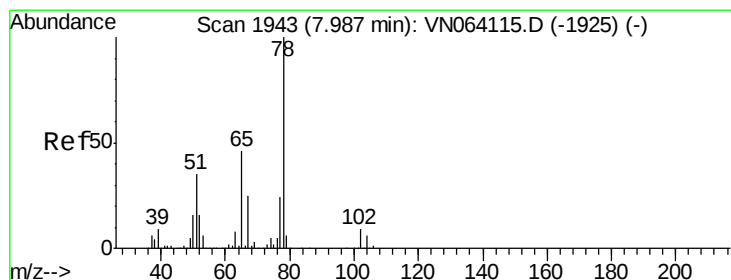
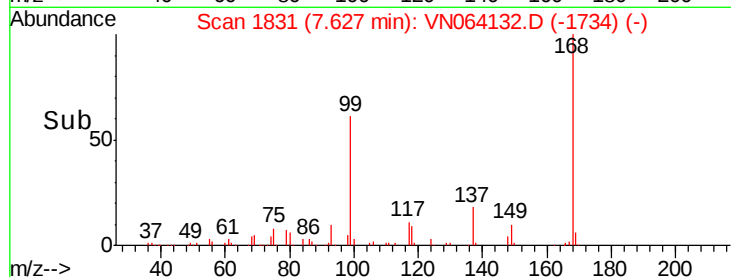
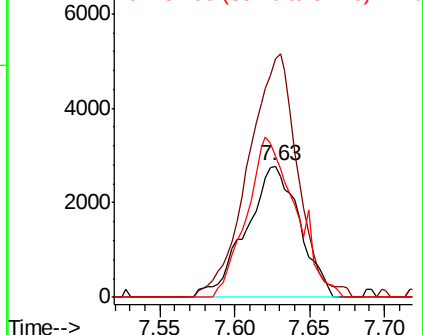
84 107.9 73.2 109.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 57.010 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064132.D

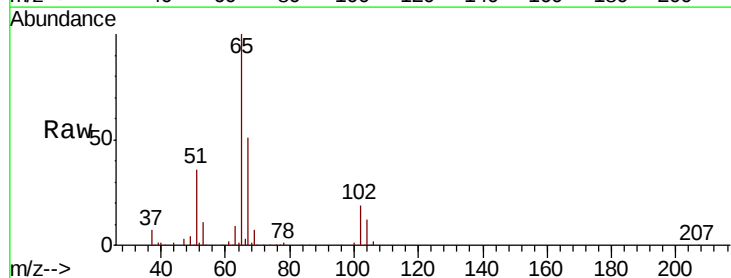
Acq: 14 Oct 2020 23:19

Tgt Ion: 65 Resp: 219456

Ion Ratio Lower Upper

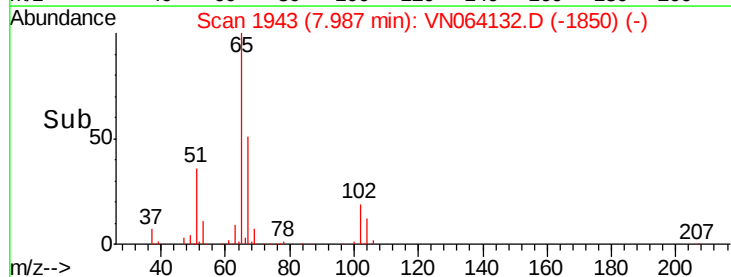
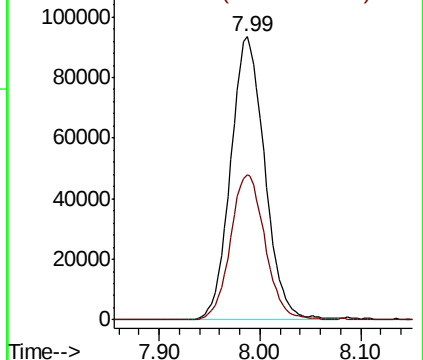
65 100

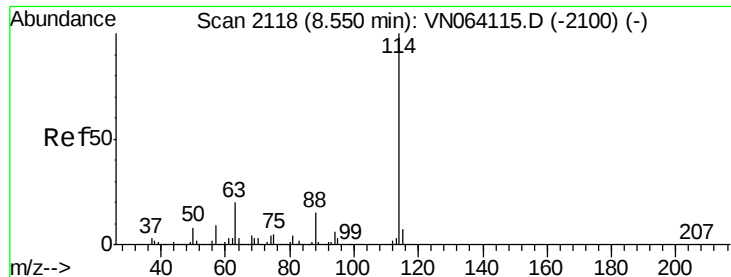
67 52.0 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

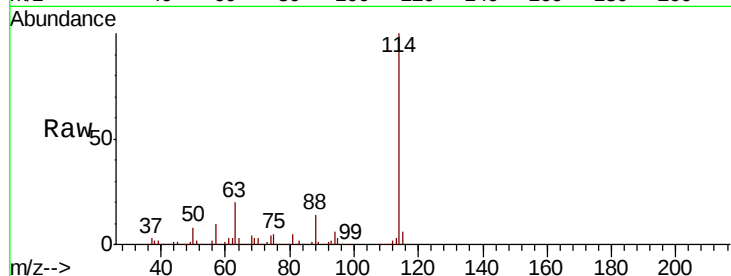




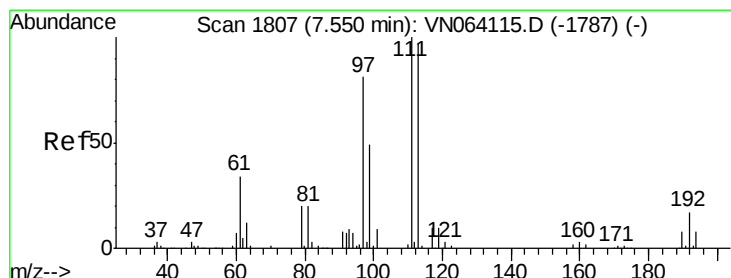
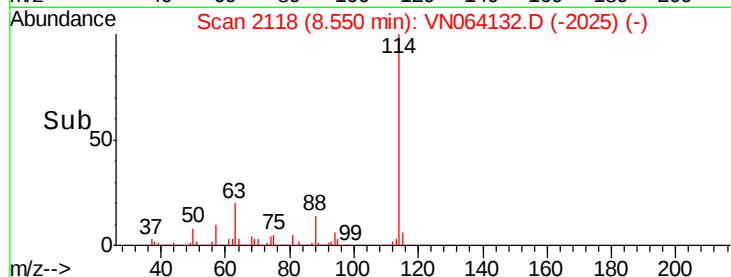
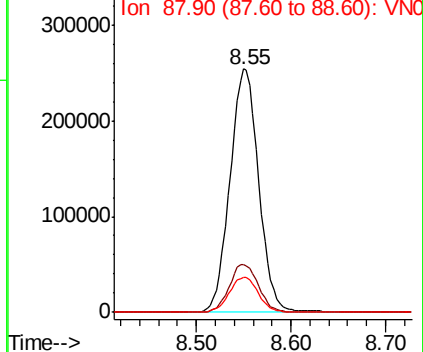
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064132.D
 Acq: 14 Oct 2020 23:19

Instrument :
 MSVOA_N
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 TR-04-101320

Tot Ion:114	Resp:	536149
Ion Ratio	Lower	Upper
114 100		
63 19.7	0.0	41.0
88 14.3	0.0	29.2

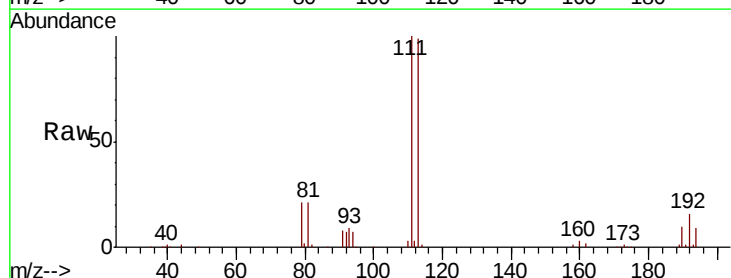


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

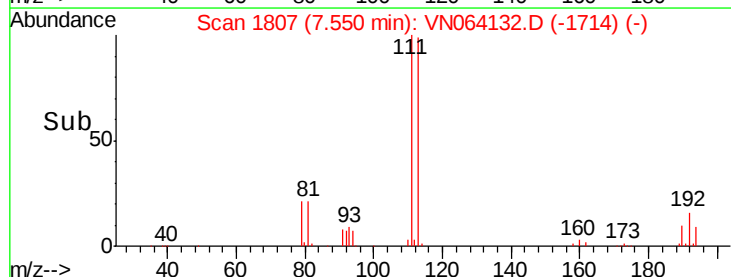
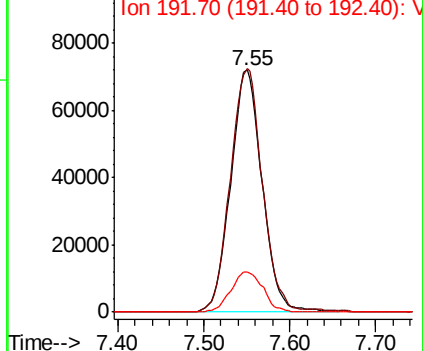


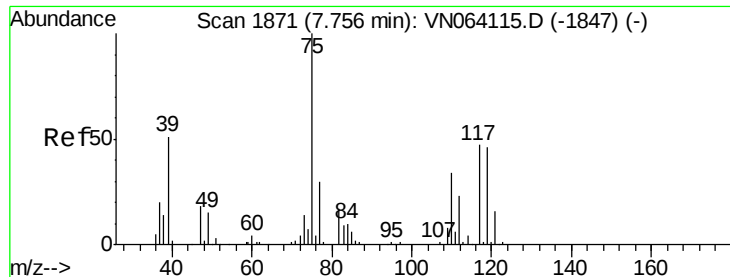
#35
 Dibromofluoromethane
 Concen: 49.303 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064132.D
 Acq: 14 Oct 2020 23:19

Tgt Ion:113	Resp:	182962
Ion Ratio	Lower	Upper
113 100		
111 101.7	81.9	122.9
192 17.0	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

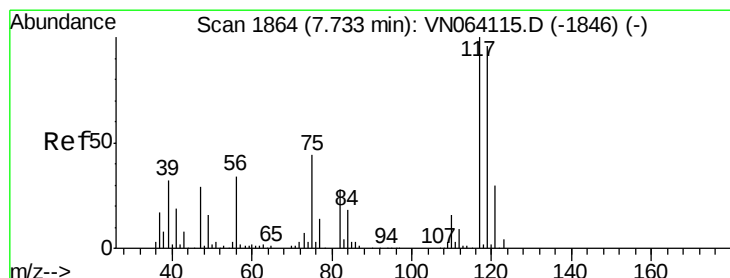
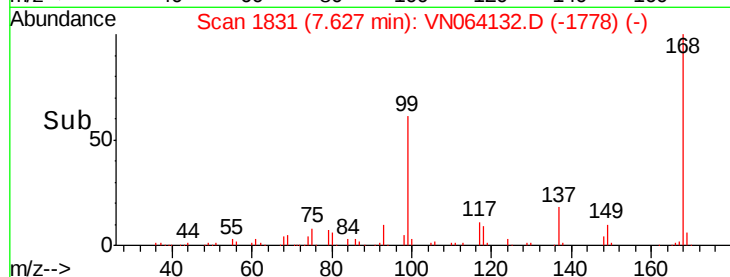
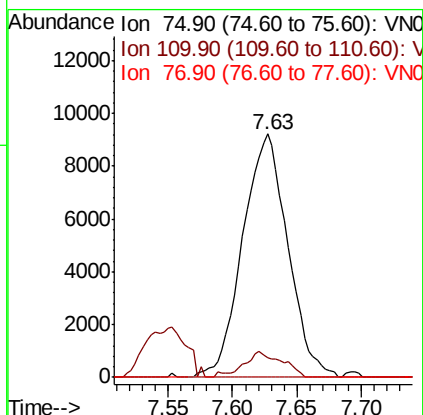
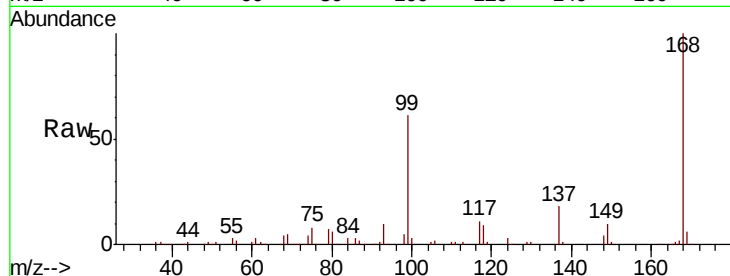




#36
 1,1-Dichloropropene
 Concen: 4.348 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064132.D
 Acq: 14 Oct 2020 23:19

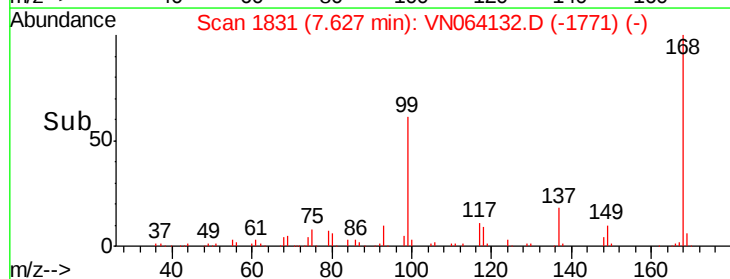
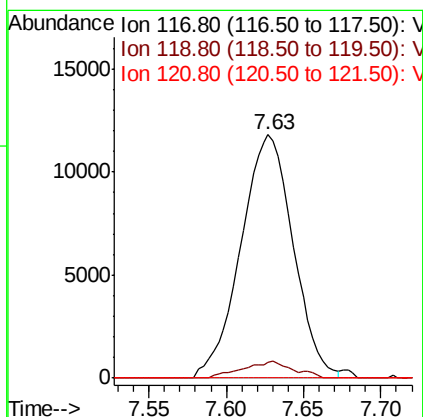
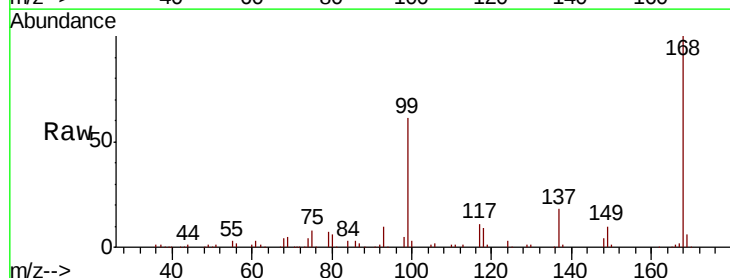
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-101320

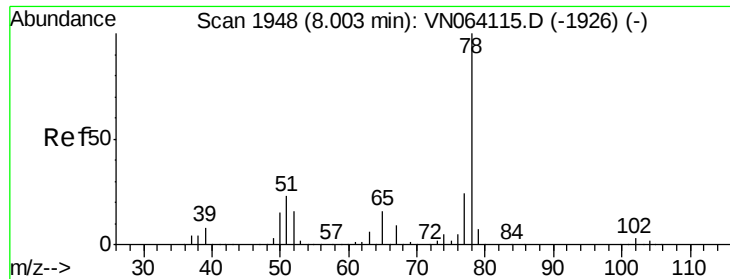
Tot Ion: 75 Resp: 22470
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.8 53.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.002 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN064132.D
 Acq: 14 Oct 2020 23:19

Tgt Ion: 117 Resp: 27798
 Ion Ratio Lower Upper
 117 100
 119 6.3 77.0 115.4#
 121 0.0 24.2 36.4#





#40

Benzene

Concen: 0.284 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN064132.D

Acq: 14 Oct 2020 23:19

Instrument :

MSVOA_N

ClientSampleId :

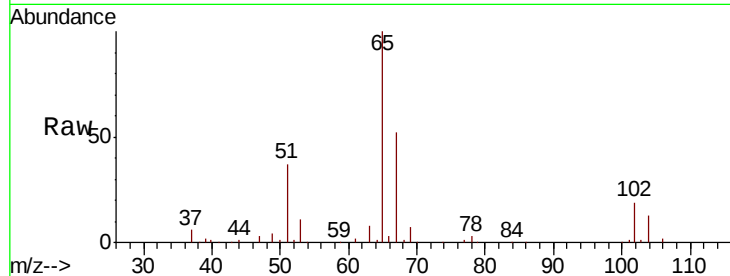
TR-04-101320

Tot Ion: 78 Resp: 4452

Ion Ratio Lower Upper

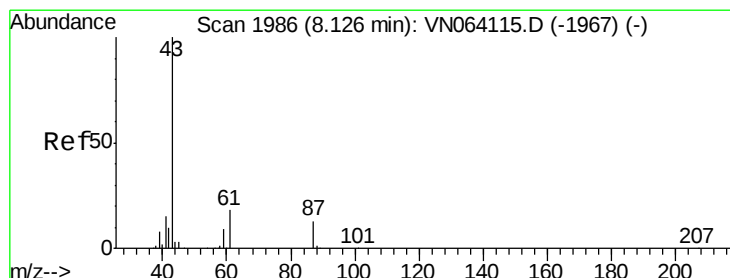
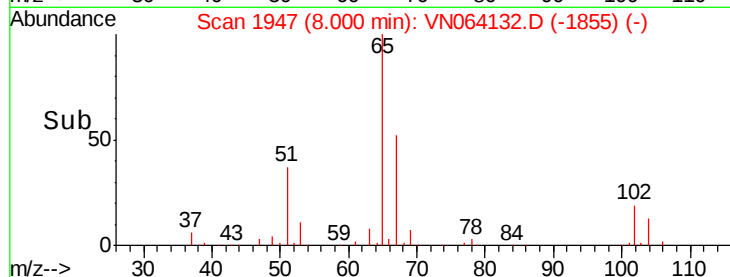
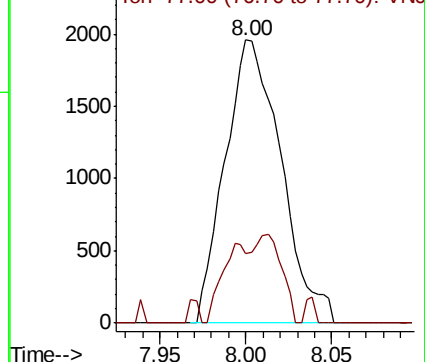
78 100

77 24.6 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#43

Isopropyl Acetate

Concen: 11.033 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064132.D

Acq: 14 Oct 2020 23:19

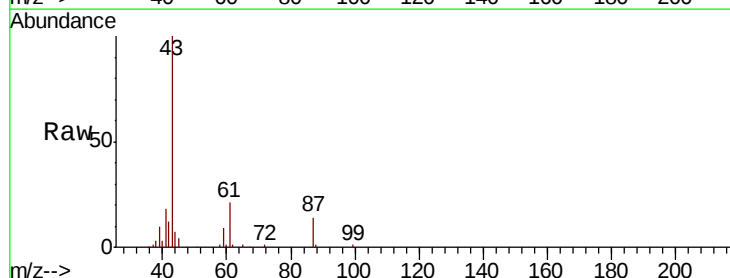
Tgt Ion: 43 Resp: 83968

Ion Ratio Lower Upper

43 100

61 19.6 21.9 32.9#

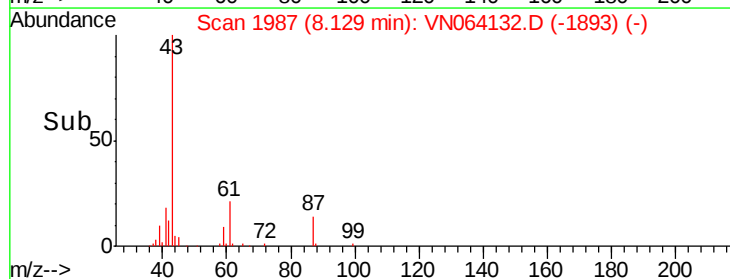
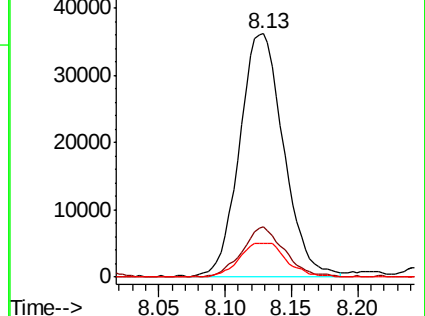
87 14.8 11.0 16.4

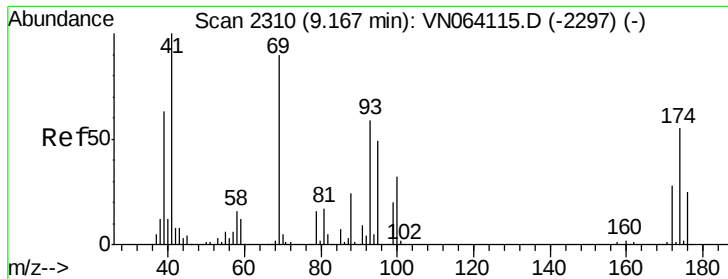


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

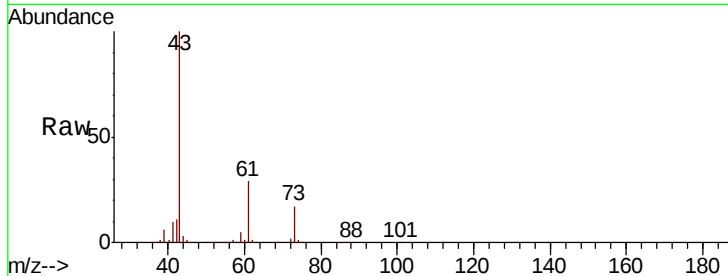




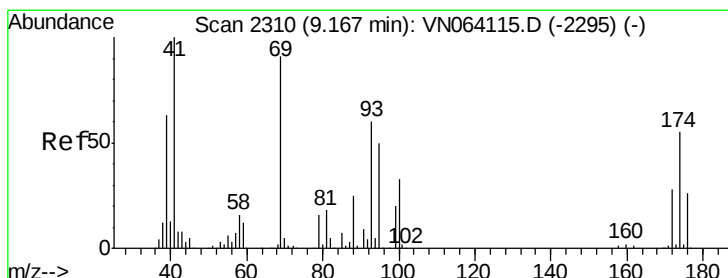
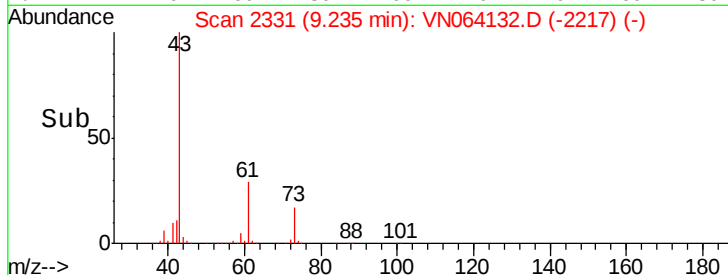
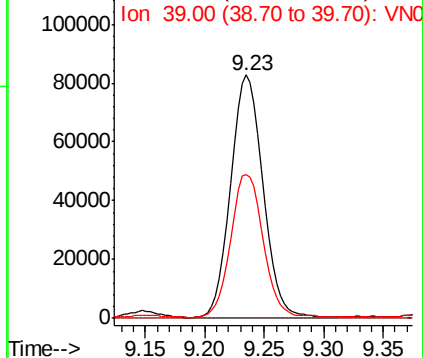
#48
Methvl methacrylate
Concen: 44.188 ug/l
RT: 9.23 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN064132.D
Acq: 14 Oct 2020 23:19

Instrument :
MSVOA_N
ClientSampleId :
TR-04-101320

Tot Ion: 41 Resp: 155339
Ion Ratio Lower Upper
41 100
69 0.1 71.4 107.2#
39 59.1 52.5 78.7

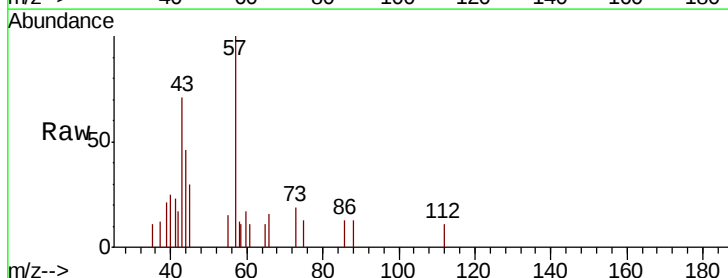


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

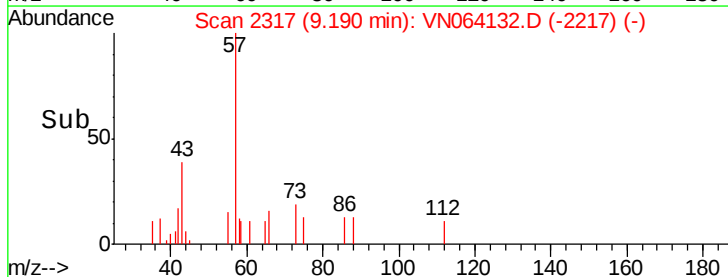
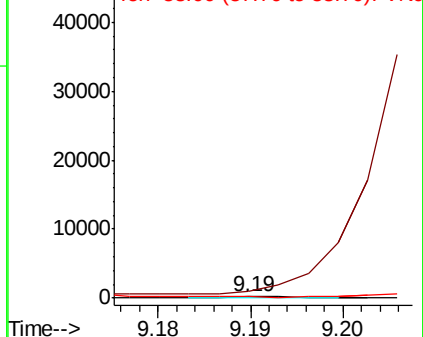


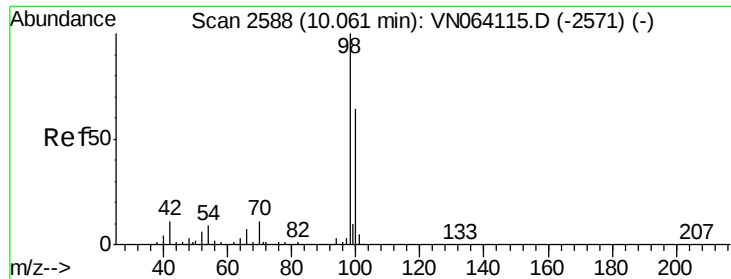
#49
1,4-Dioxane
Concen: 1.349 ug/l
RT: 9.19 min Scan# 2317
Delta R.T. 0.02 min
Lab File: VN064132.D
Acq: 14 Oct 2020 23:19

Tgt Ion: 88 Resp: 72
Ion Ratio Lower Upper
88 100
43 0.0 27.2 40.8#
58 0.0 52.6 78.8#



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC





#50

Toluene-d8

Concen: 50.670 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064132.D

Acq: 14 Oct 2020 23:19

Instrument :

MSVOA_N

ClientSampleId :

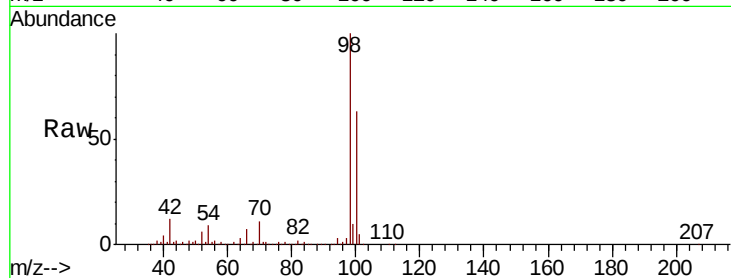
TR-04-101320

Tot Ion: 98 Resp: 709475

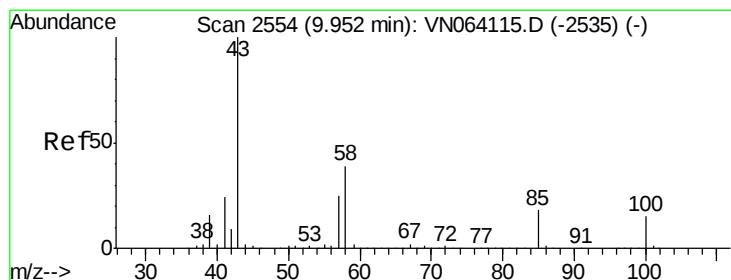
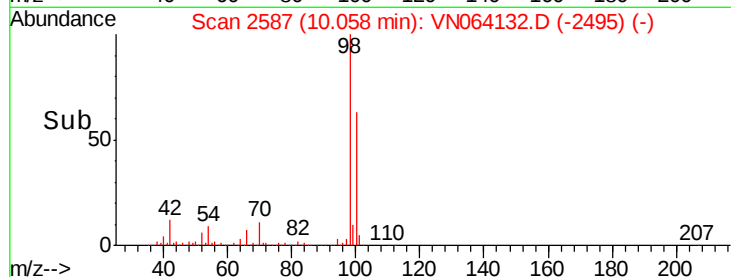
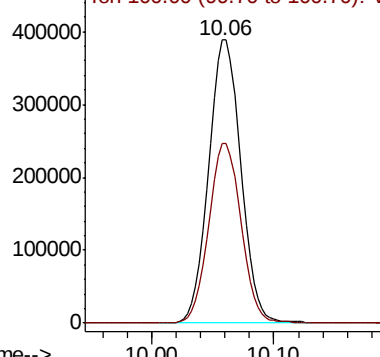
Ion Ratio Lower Upper

98 100

100 63.8 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN064115.D (-2571) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.946 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064132.D

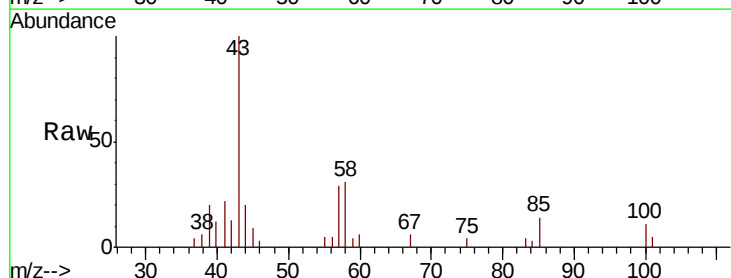
Acq: 14 Oct 2020 23:19

Tgt Ion: 43 Resp: 8764

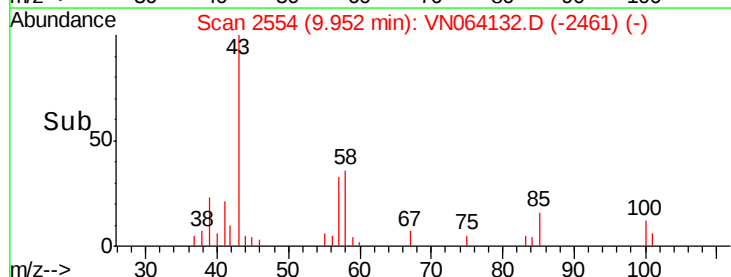
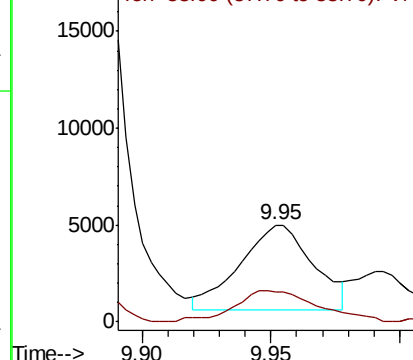
Ion Ratio Lower Upper

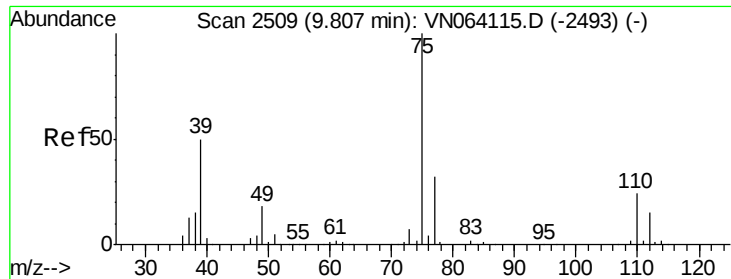
43 100

58 41.5 31.2 46.8



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



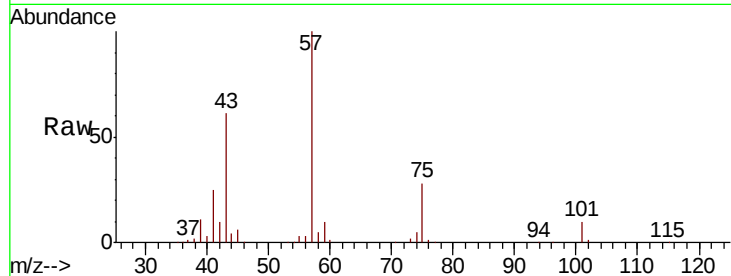


#54

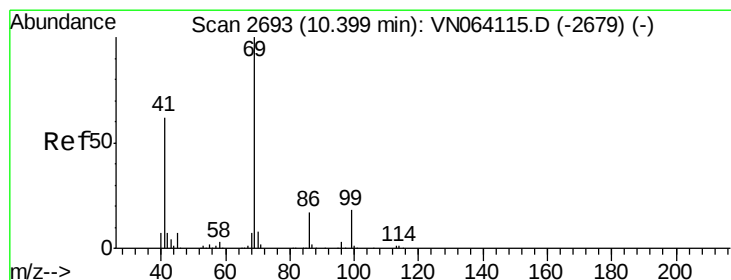
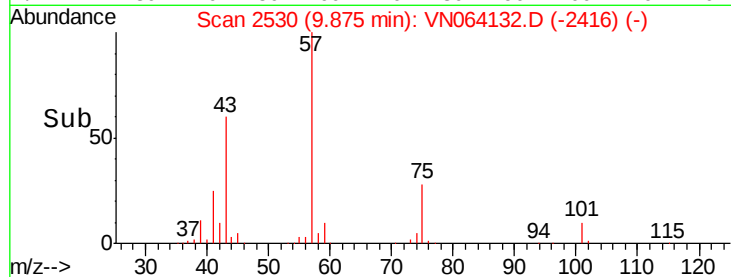
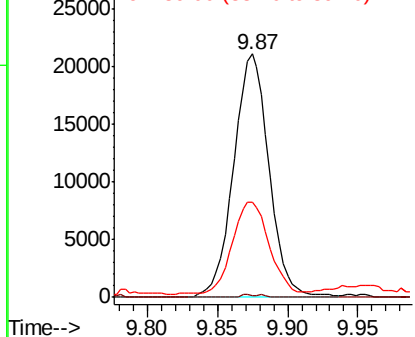
cis-1,3-Dichloropropene
 Concen: 5.789 ug/l
 RT: 9.87 min Scan# 2530
 Delta R.T. 0.07 min
 Lab File: VN064132.D
 Acq: 14 Oct 2020 23:19

Instrument :
 MSVOA_N
 ClientSampled :
 TR-04-101320

Tot Ion: 75 Resp: 37142
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.2 37.8#
 39 37.2 39.8 59.8#



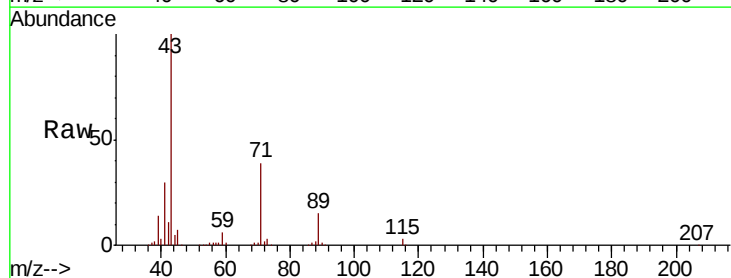
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



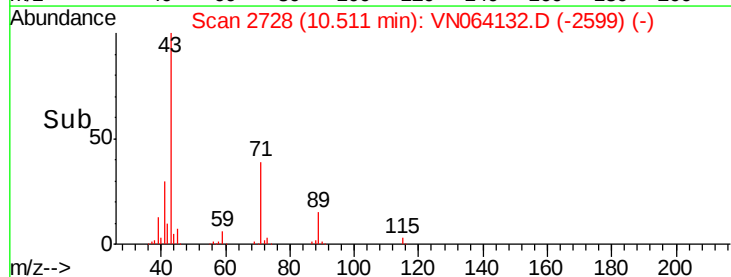
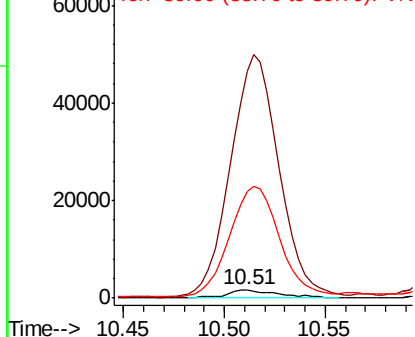
#56

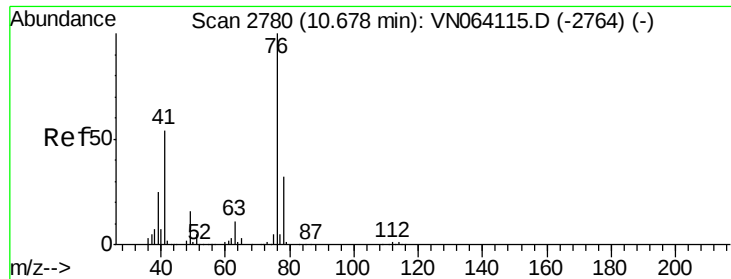
Ethyl methacrylate
 Concen: 2.808 ug/l
 RT: 10.51 min Scan# 2728
 Delta R.T. 0.11 min
 Lab File: VN064132.D
 Acq: 14 Oct 2020 23:19

Tgt Ion: 69 Resp: 3081
 Ion Ratio Lower Upper
 69 100
 41 2754.8 49.3 73.9#
 39 1261.6 32.7 49.1#



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 0.987 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.06 min

Lab File: VN064132.D

Acq: 14 Oct 2020 23:19

Instrument :

MSVOA_N

ClientSampleId :

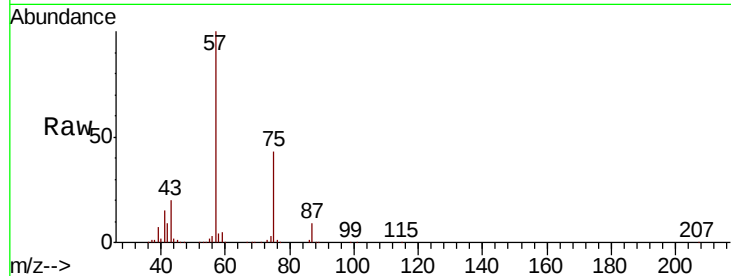
TR-04-101320

Tot Ion: 76 Resp: 6476

Ion Ratio Lower Upper

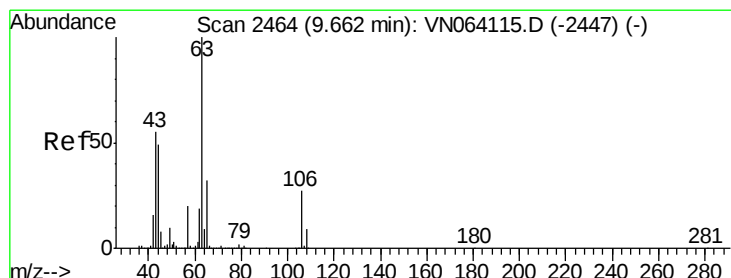
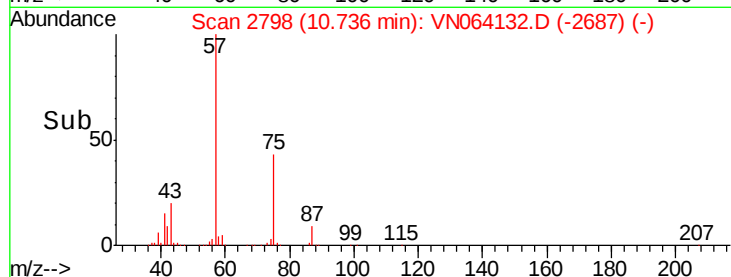
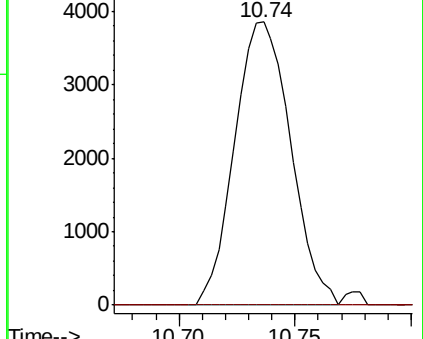
76 100

78 0.0 26.1 39.1#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 12.229 ug/l

RT: 9.54 min Scan# 2425

Delta R.T. -0.12 min

Lab File: VN064132.D

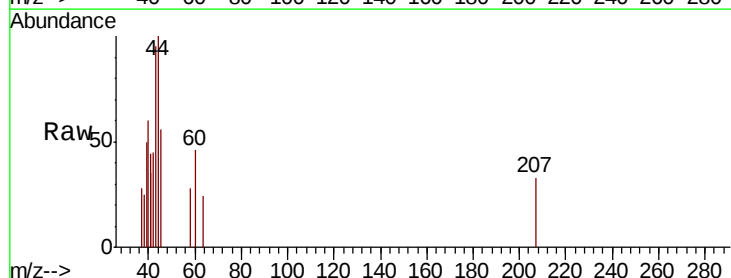
Acq: 14 Oct 2020 23:19

Tgt Ion: 63 Resp: 29

Ion Ratio Lower Upper

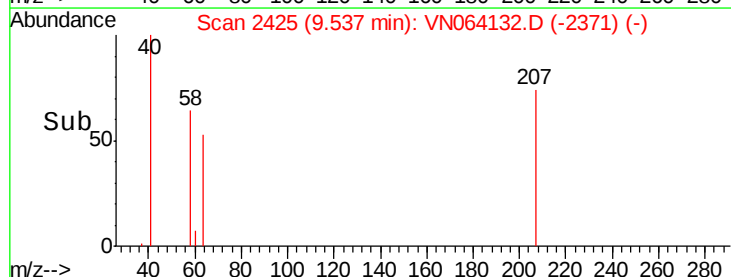
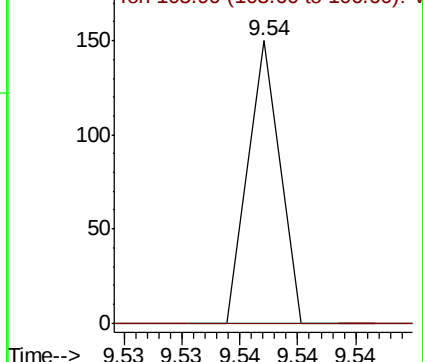
63 100

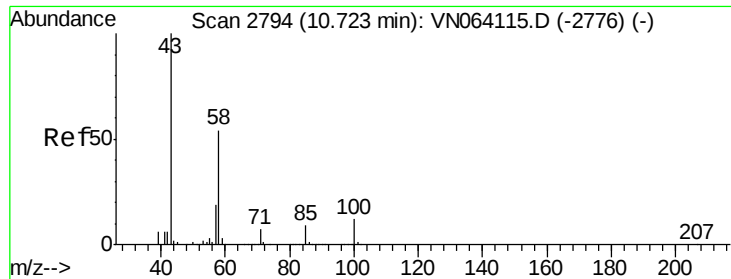
106 0.0 21.8 32.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

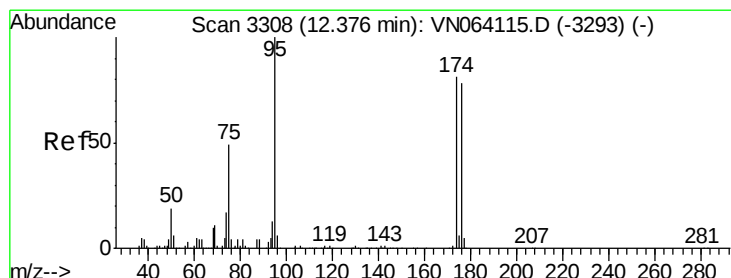
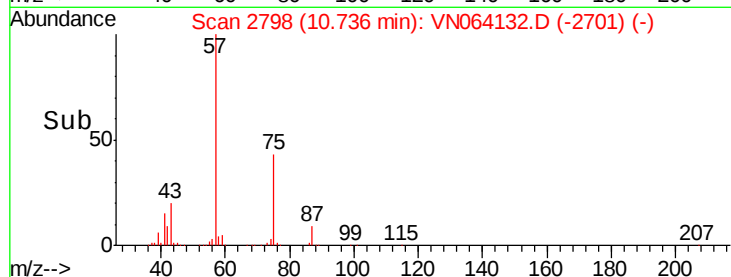
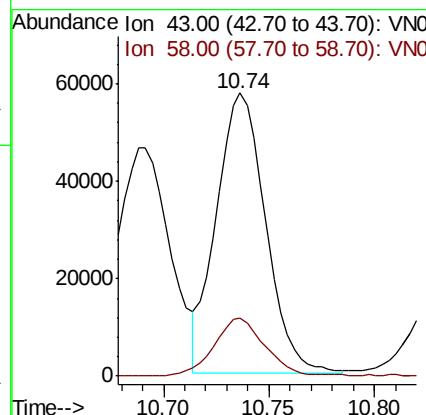
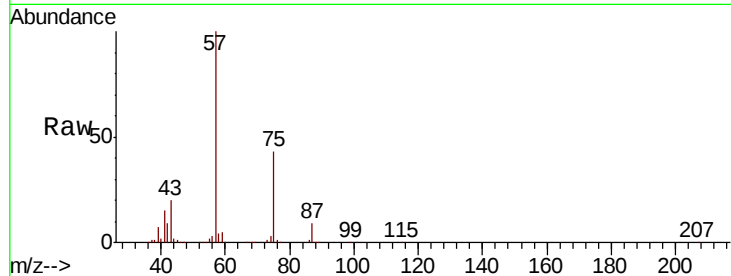




#59
2-Hexanone
Concen: 32.942 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.01 min
Lab File: VN064132.D
Acq: 14 Oct 2020 23:19

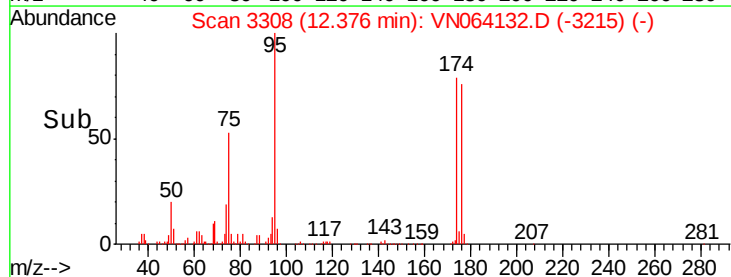
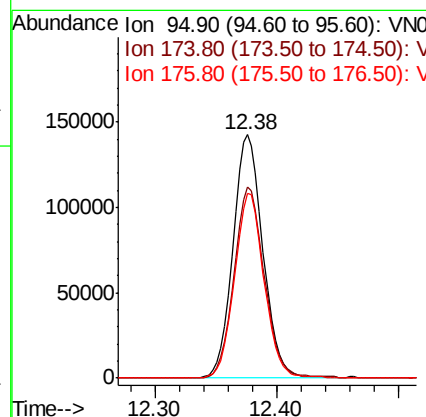
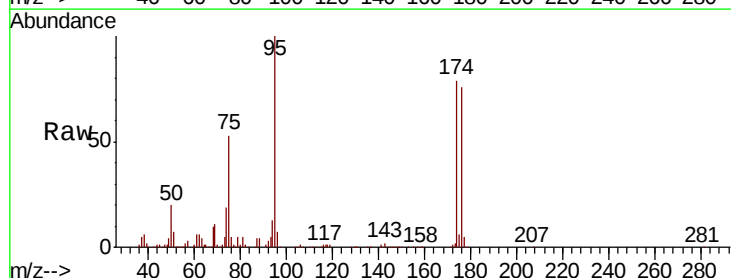
Instrument :
MSVOA_N
ClientSampleId :
TR-04-101320

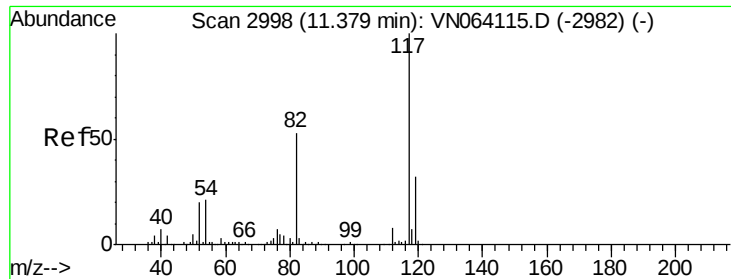
Tot Ion: 43 Resp: 93423
Ion Ratio Lower Upper
43 100
58 21.5 27.2 81.6#



#62
4-Bromofluorobenzene
Concen: 50.734 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064132.D
Acq: 14 Oct 2020 23:19

Tgt Ion: 95 Resp: 244175
Ion Ratio Lower Upper
95 100
174 79.1 0.0 164.8
176 75.1 0.0 157.8

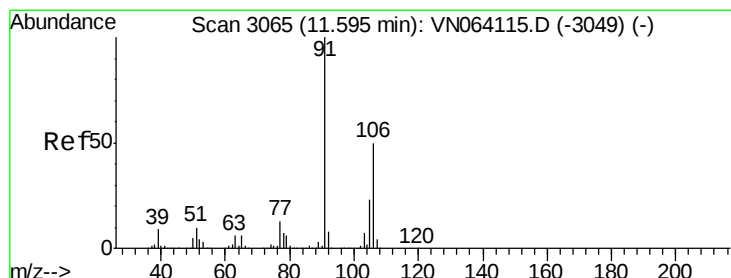
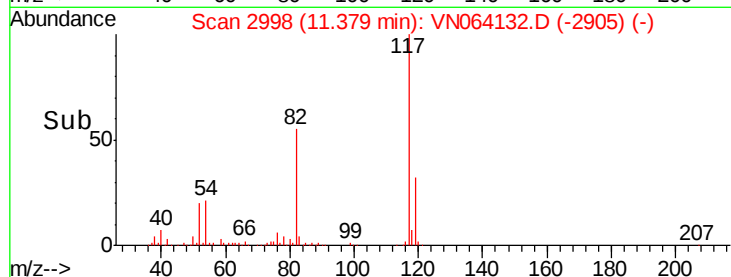
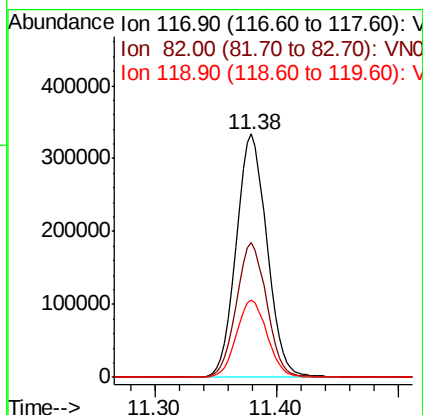
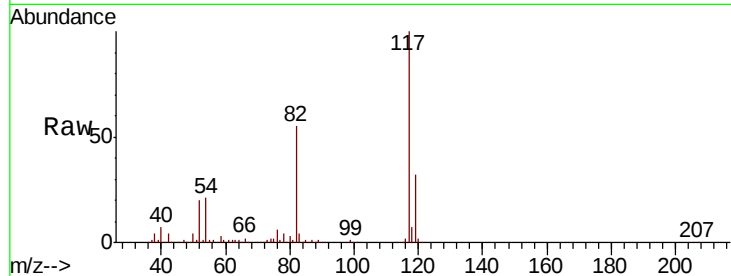




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064132.D
Acq: 14 Oct 2020 23:19

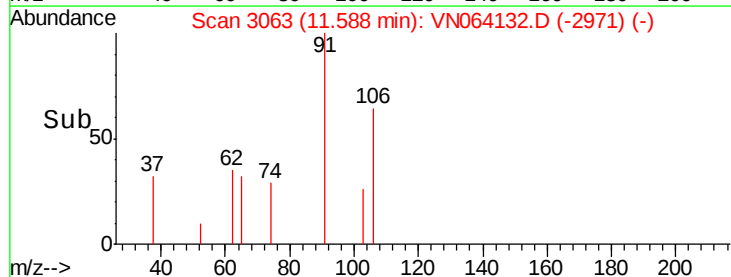
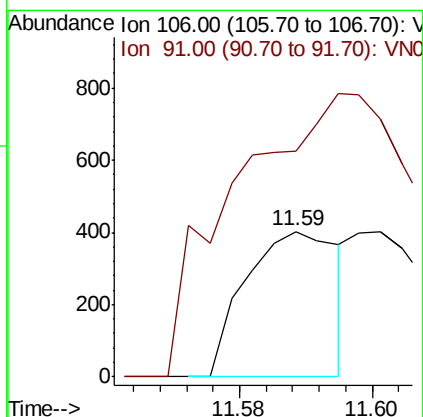
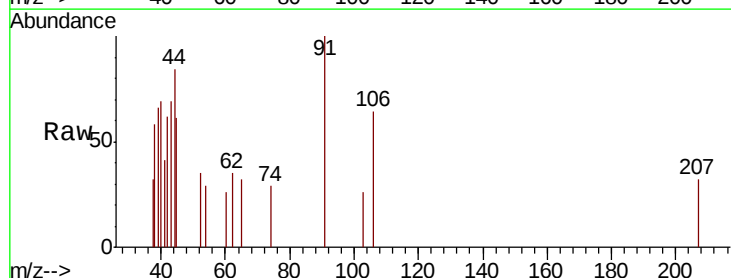
Instrument :
MSVOA_N
ClientSampleId :
TR-04-101320

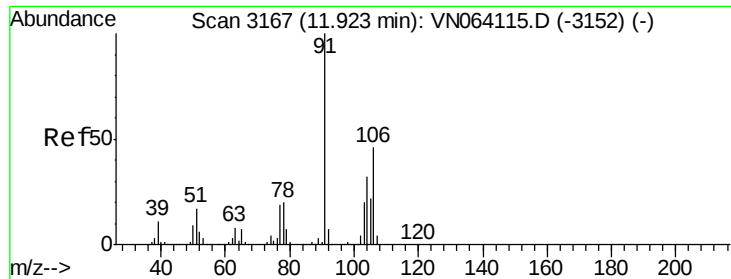
Tot Ion:117 Resp: 582246
Ion Ratio Lower Upper
117 100
82 55.1 42.6 63.8
119 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 2.237 ug/l
RT: 11.59 min Scan# 3063
Delta R.T. -0.01 min
Lab File: VN064132.D
Acq: 14 Oct 2020 23:19

Tgt Ion:106 Resp: 392
Ion Ratio Lower Upper
106 100
91 415.6 162.1 243.1#

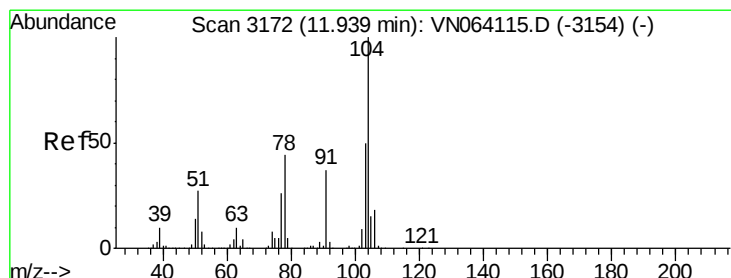
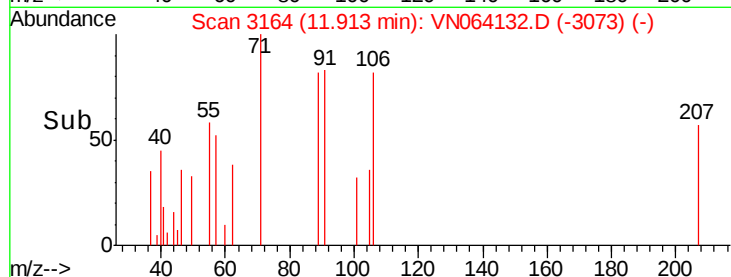
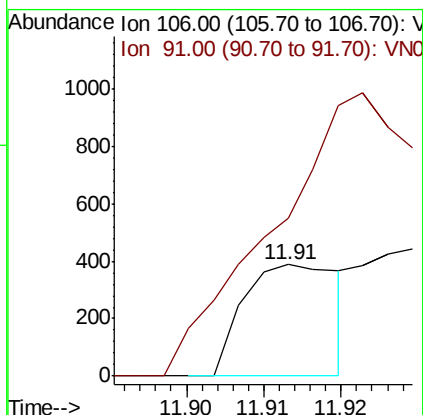
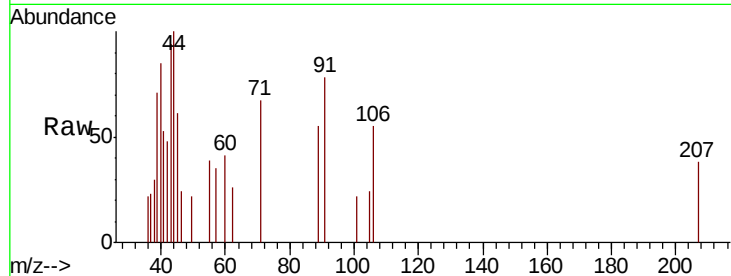




#69
o-Xylene
Concen: 1.623 ug/l
RT: 11.91 min Scan# 3164
Delta R.T. -0.01 min
Lab File: VN064132.D
Acq: 14 Oct 2020 23:19

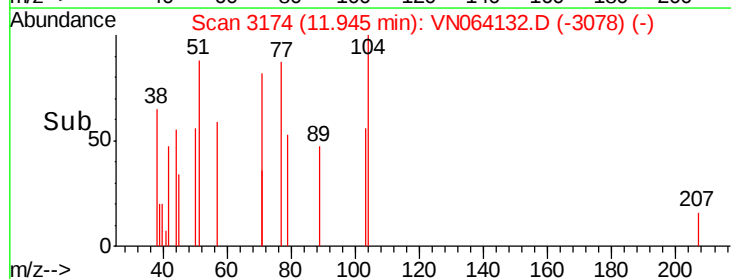
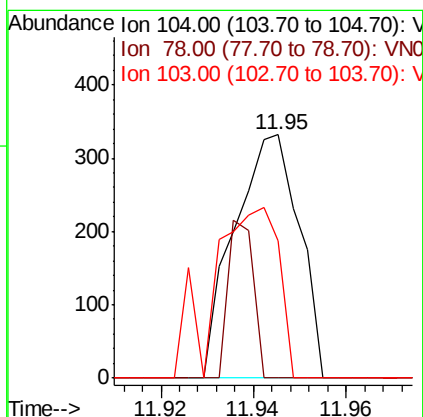
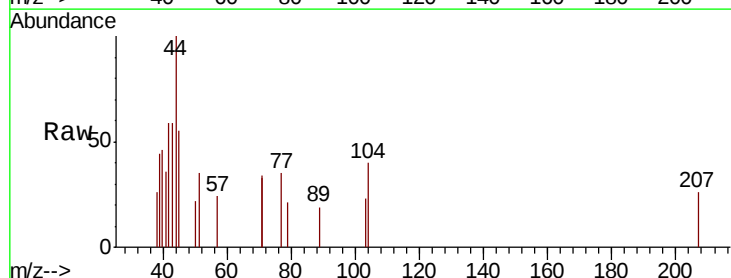
Instrument :
MSVOA_N
ClientSampled :
TR-04-101320

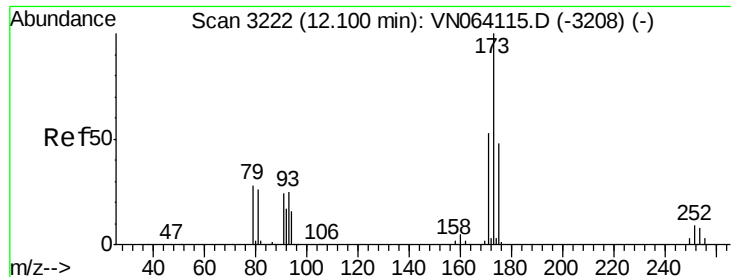
Tot Ion:106 Resp: 336
Ion Ratio Lower Upper
106 100
91 457.4 107.6 322.8#



#70
Styrene
Concen: 2.059 ug/l
RT: 11.95 min Scan# 3174
Delta R.T. 0.01 min
Lab File: VN064132.D
Acq: 14 Oct 2020 23:19

Tgt Ion:104 Resp: 322
Ion Ratio Lower Upper
104 100
78 25.2 39.7 59.5#
103 70.8 44.2 66.2#





#71

Bromoform

Concen: 2.247 ug/l

RT: 12.35 min Scan# 3300

Delta R.T. 0.25 min

Lab File: VN064132.D

Acq: 14 Oct 2020 23:19

Instrument :

MSVOA_N

ClientSampleId :

TR-04-101320

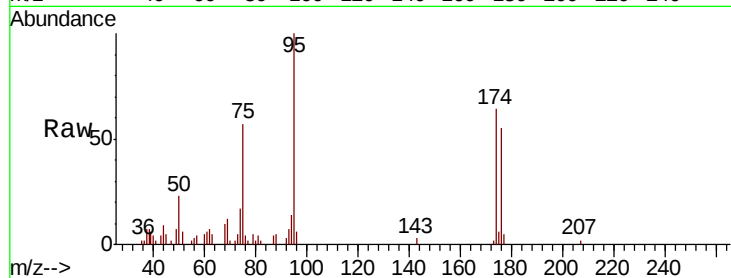
Tot Ion:173 Resp: 67

Ion Ratio Lower Upper

173 100

175 0.0 23.4 70.2#

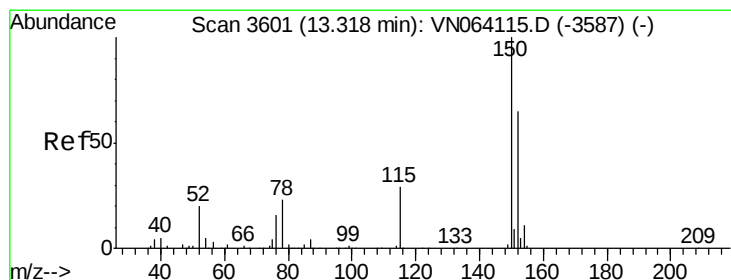
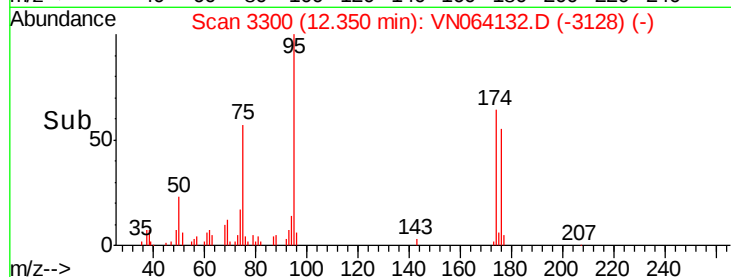
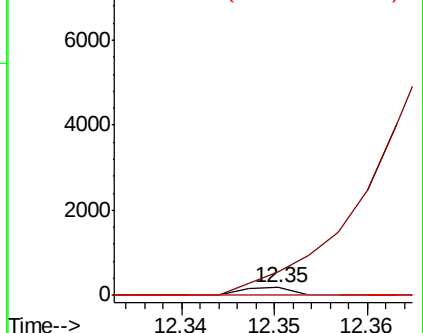
254 0.0 0.1 0.1#



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: VN064132.D

Acq: 14 Oct 2020 23:19

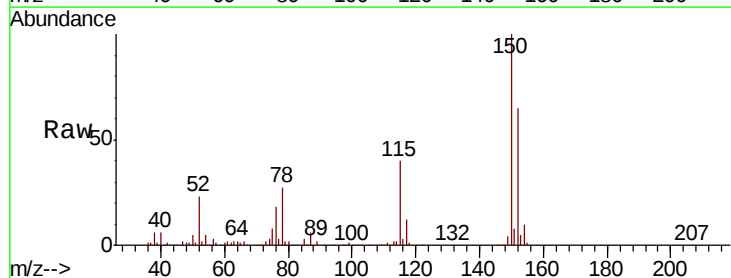
Tgt Ion:152 Resp: 207184

Ion Ratio Lower Upper

152 100

115 61.4 29.3 87.8

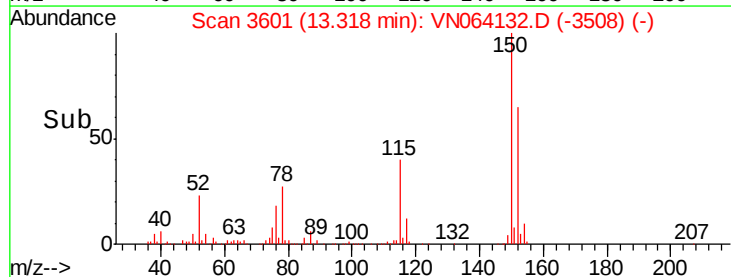
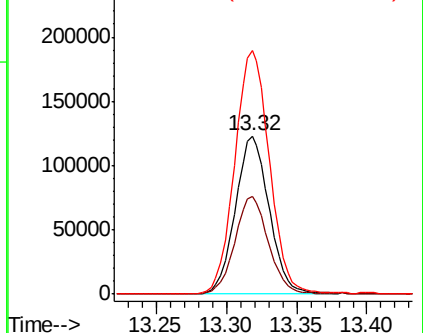
150 158.2 0.0 346.0

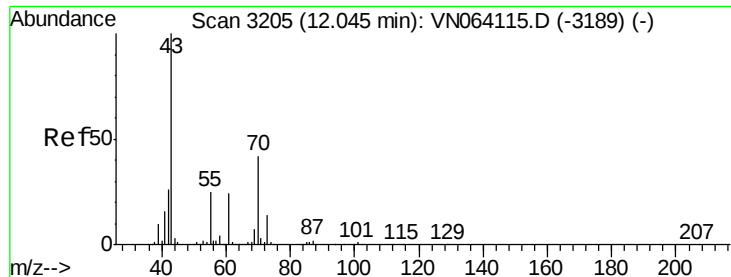


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.560 ug/l

RT: 12.01 min Scan# 3194

Delta R.T. -0.04 min

Lab File: VN064132.D

Acq: 14 Oct 2020 23:19

Instrument :

MSVOA_N

ClientSampleId :

TR-04-101320

Tot Ion: 43 Resp: 3150

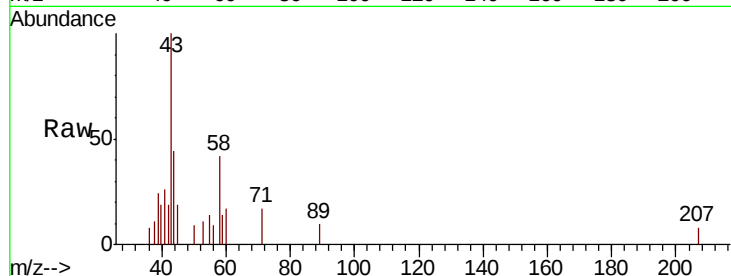
Ion Ratio Lower Upper

43 100

70 1.0 33.2 49.8#

55 9.6 19.9 29.9#

61 3.6 18.8 28.2#

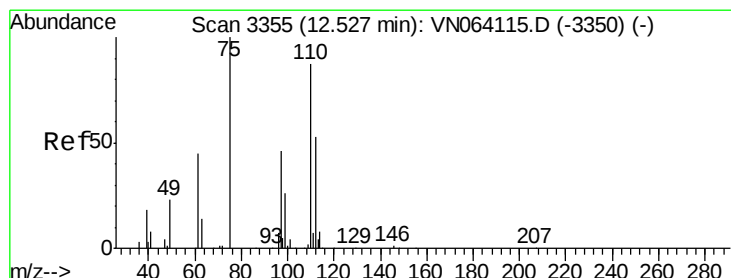
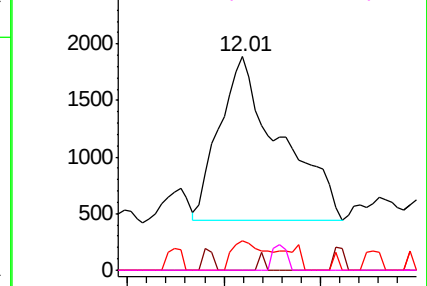
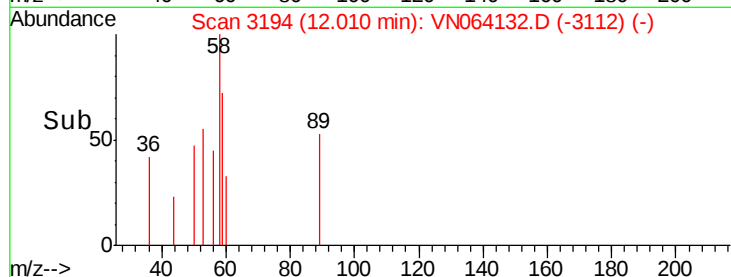


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 26.921 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064132.D

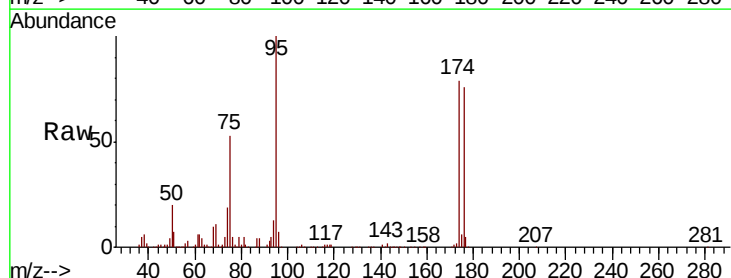
Acq: 14 Oct 2020 23:19

Tgt Ion: 75 Resp: 130855

Ion Ratio Lower Upper

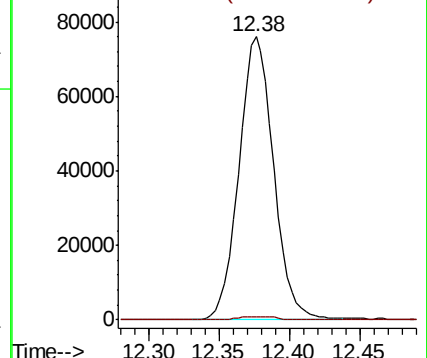
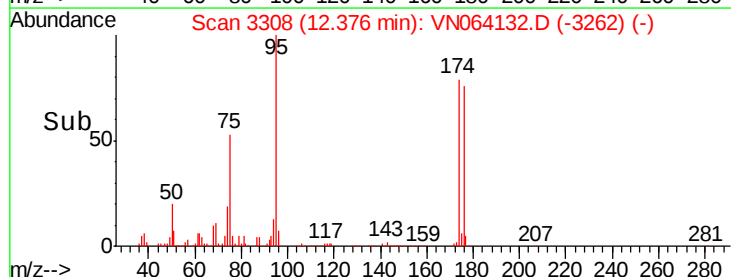
75 100

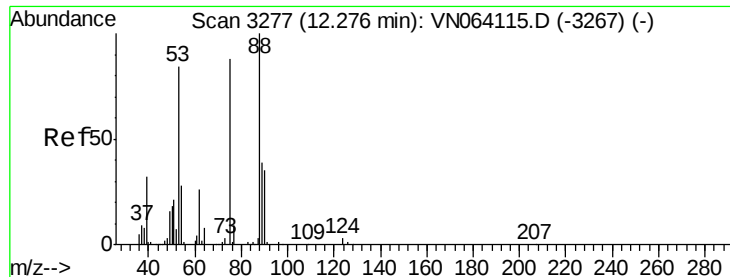
77 0.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 82.249 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064132.D

Acq: 14 Oct 2020 23:19

Instrument :

MSVOA_N

ClientSampleId :

TR-04-101320

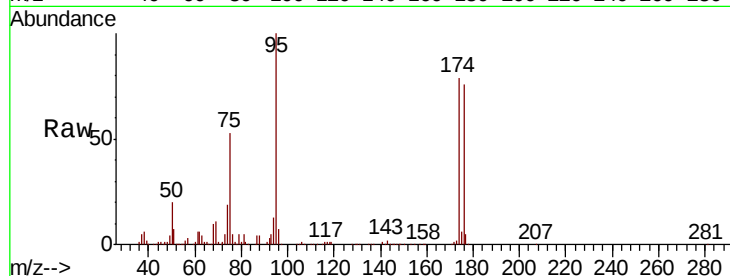
Tot Ion: 75 Resp: 130855

Ion Ratio Lower Upper

75 100

53 0.3 75.7 113.5#

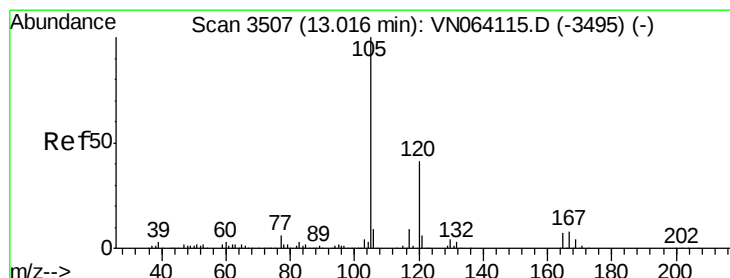
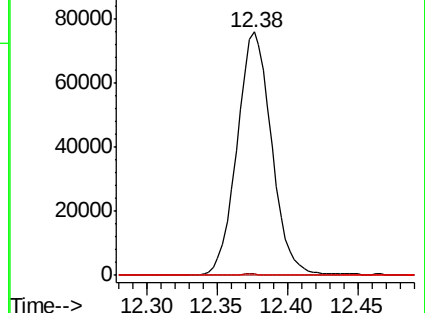
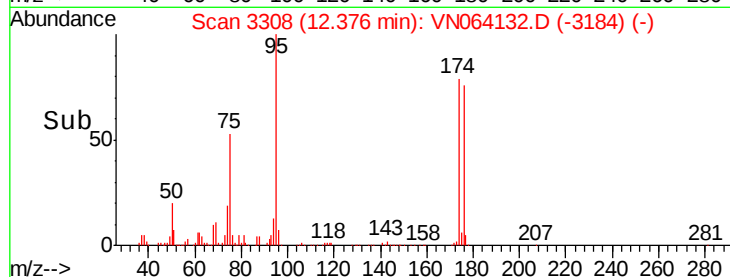
89 0.0 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VN064132.D (-3184) (-)

Ion 53.00 (52.70 to 53.70): VN064132.D (-3184) (-)

Ion 88.90 (88.60 to 89.60): VN064132.D (-3184) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.276 ug/l

RT: 13.03 min Scan# 3510

Delta R.T. 0.01 min

Lab File: VN064132.D

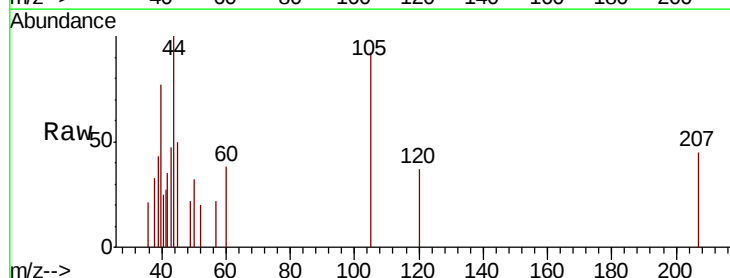
Acq: 14 Oct 2020 23:19

Tgt Ion: 105 Resp: 1149

Ion Ratio Lower Upper

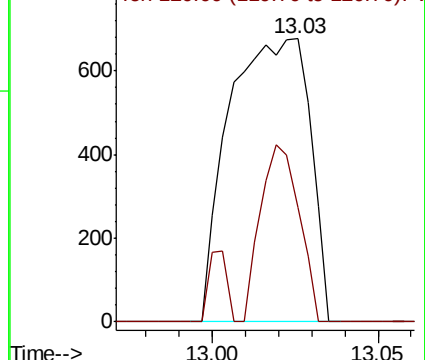
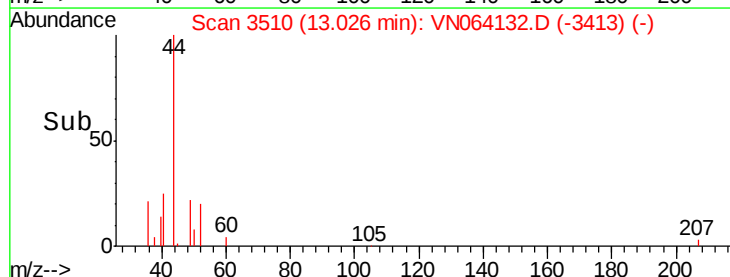
105 100

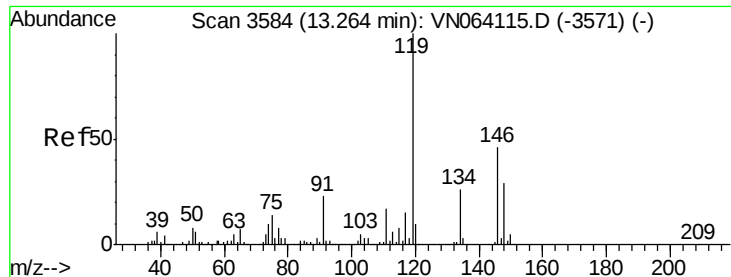
120 29.9 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): VN064132.D (-3413) (-)

Ion 120.00 (119.70 to 120.70): VN064132.D (-3413) (-)





#86

p-Isopropyltoluene

Concen: 0.682 ug/l

RT: 13.27 min Scan# 3586

Delta R.T. 0.01 min

Lab File: VN064132.D

Acq: 14 Oct 2020 23:19

Instrument :

MSVOA_N

ClientSampleId :

TR-04-101320

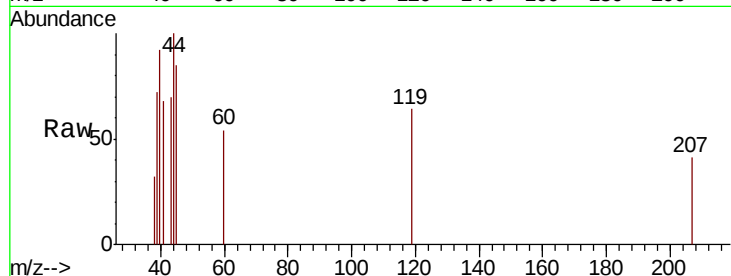
Tot Ion:119 Resp: 242

Ion Ratio Lower Upper

119 100

134 0.0 13.2 39.5#

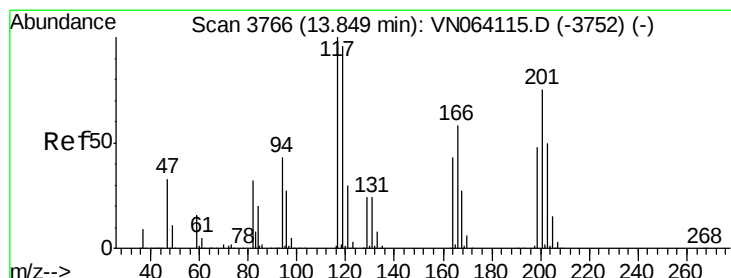
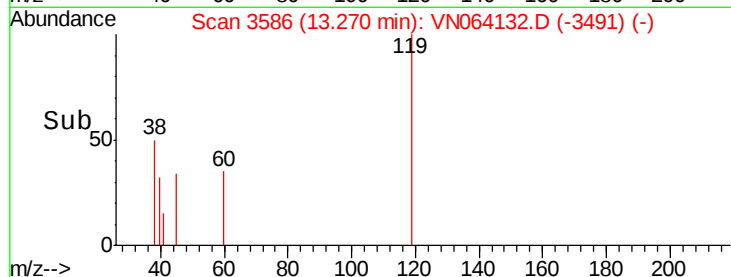
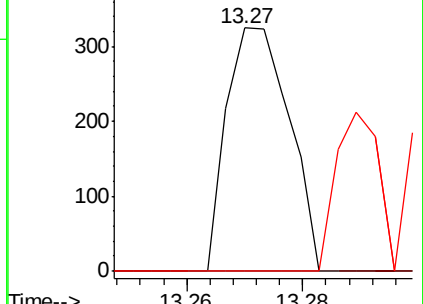
91 44.2 12.0 36.1#



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



#90

Hexachloroethane

Concen: 0.295 ug/l

RT: 13.97 min Scan# 3803

Delta R.T. 0.12 min

Lab File: VN064132.D

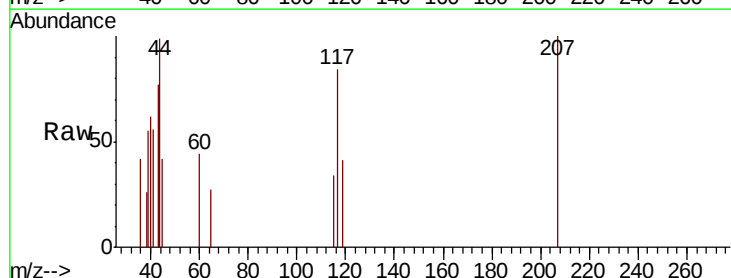
Acq: 14 Oct 2020 23:19

Tgt Ion:117 Resp: 628

Ion Ratio Lower Upper

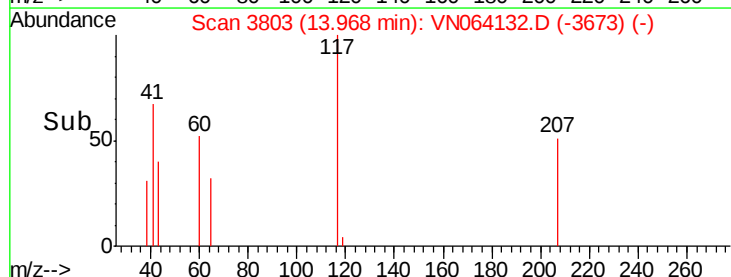
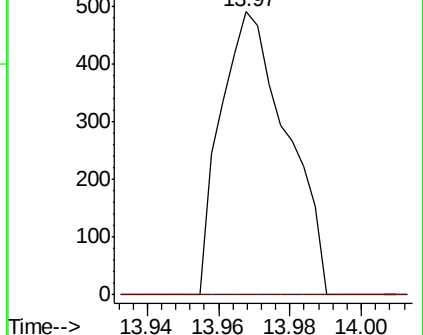
117 100

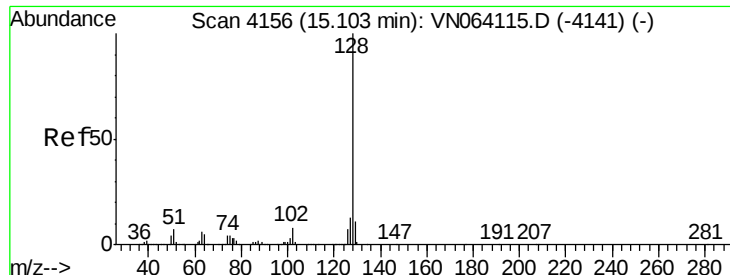
201 0.0 37.4 112.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95

Naphthalene

Concen: 5.330 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN064132.D

Acq: 14 Oct 2020 23:19

Instrument :

MSVOA_N

ClientSampleId :

TR-04-101320

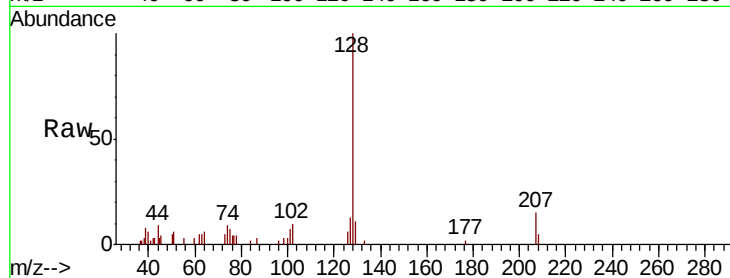
Tot Ion:128 Resp: 16822

Ion Ratio Lower Upper

128 100

127 14.7 10.2 15.4

129 11.7 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

