

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090920\
 Data File : VN063282.D
 Acq On : 9 Sep 2020 15:04
 Operator : JC/MD
 Sample : L3931-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-1-1

Quant Time: Sep 10 03:54:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	425149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	791188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	773141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	329938	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	325723	46.87	ug/l	0.00
Spiked Amount			Recovery	=	93.74%	
35) Dibromofluoromethane	7.55	113	247344	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
50) Toluene-d8	10.06	98	1013707	51.89	ug/l	0.00
Spiked Amount			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.38	95	393783	57.62	ug/l	0.00
Spiked Amount			Recovery	=	115.24%	

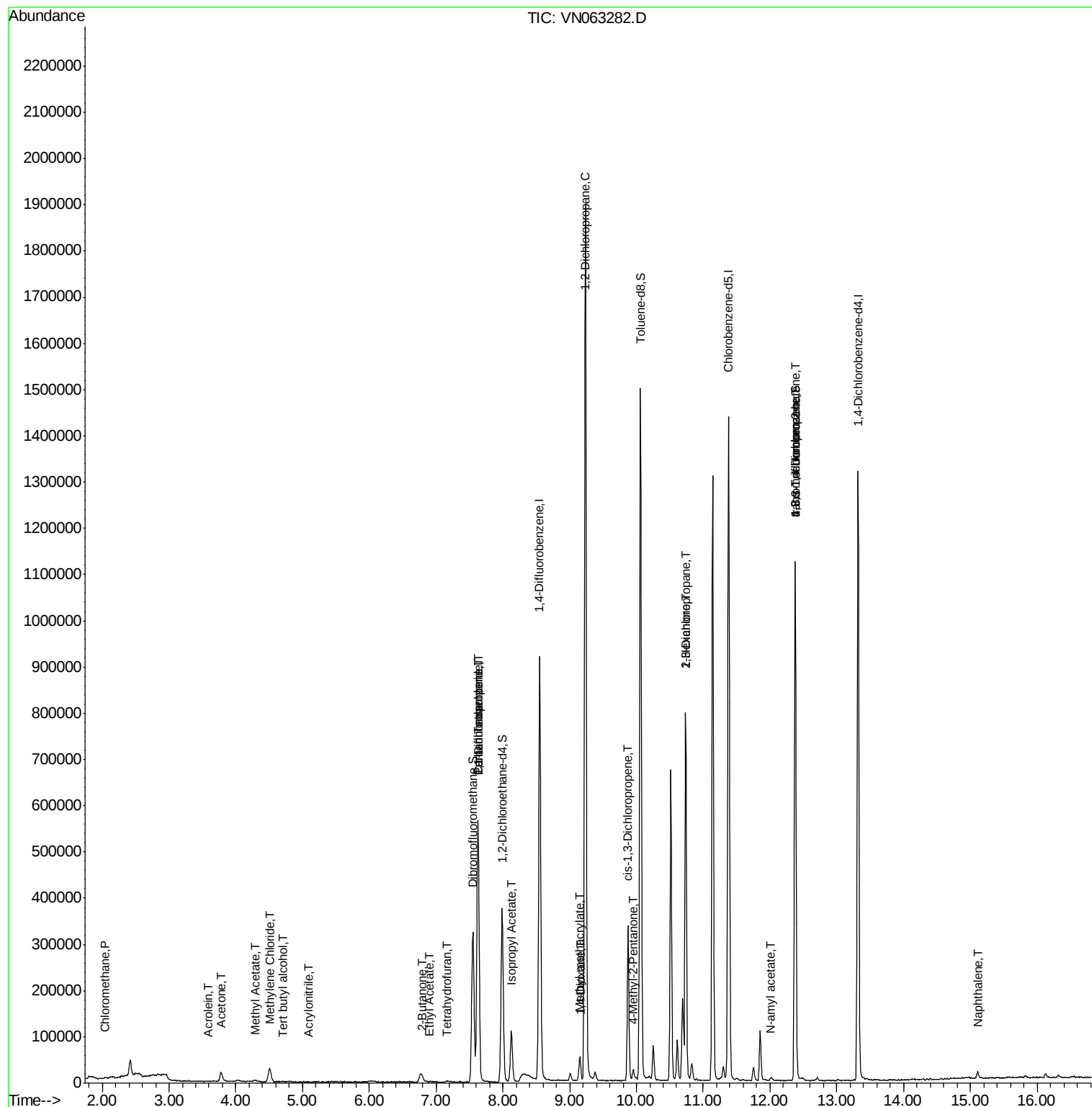
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1861	0.305	ug/l #	44
7) Trichlorofluoromethane	2.75	101	30	Below Cal	#	12
11) Tert butyl alcohol	4.72	59	336	0.394	ug/l #	72
13) Acrolein	3.60	56	33	15.864	ug/l #	1
15) Acrylonitrile	5.10	53	71	2.433	ug/l #	17
16) Acetone	3.78	43	38410	19.442	ug/l	91
18) Methyl Acetate	4.28	43	5240	1.034	ug/l #	56
20) Methylene Chloride	4.51	84	20244	3.184	ug/l	93
25) 2-Butanone	6.79	43	4904	1.603	ug/l	99
29) Tetrahydrofuran	7.16	42	850	0.402	ug/l #	34
31) Cyclohexane	7.62	56	11548	Below Cal	#	28
36) 1,1-Dichloropropene	7.63	75	38695	5.087	ug/l #	50
37) Ethyl Acetate	6.90	43	222	0.411	ug/l #	96
38) Carbon Tetrachloride	7.63	117	46029	5.967	ug/l #	15
43) Isopropyl Acetate	8.13	43	139899	11.278	ug/l #	90
45) 1,2-Dichloropropane	9.23	63	1467	0.248	ug/l #	43
48) Methyl methacrylate	9.14	41	6968	1.246	ug/l #	12
49) 1,4-Dioxane	9.17	88	112	1.295	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	16043	2.380	ug/l	97
54) cis-1,3-Dichloropropene	9.87	75	57559	5.963	ug/l #	64
57) 1,3-Dichloropropane	10.74	76	7584	0.798	ug/l #	43
59) 2-Hexanone	10.74	43	121788	25.709	ug/l #	52
74) N-ethyl acetate	12.01	43	4895	0.467	ug/l #	50
76) 1,2,3-Trichloropropane	12.38	75	216536	33.403	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	216536	80.734	ug/l #	10
95) Naphthalene	15.11	128	12414	0.653	ug/l #	92

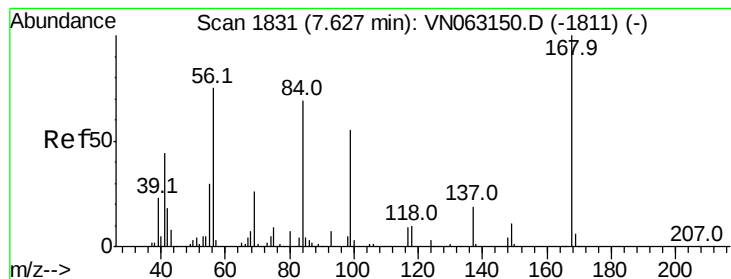
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063282.D

Acq: 9 Sep 2020 15:04

Instrument :

MSVOA_N

ClientSampled :

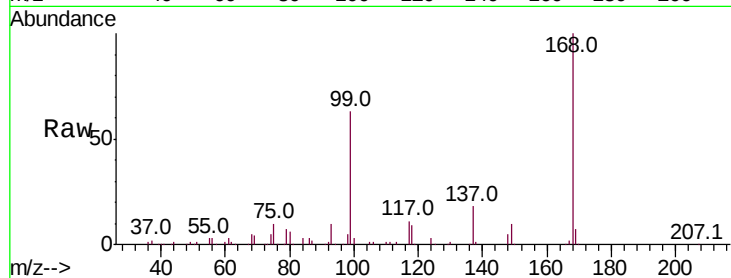
SP-1-1

Tot Ion:168 Resp: 425149

Ion Ratio Lower Upper

168 100

99 63.0 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

200000

150000

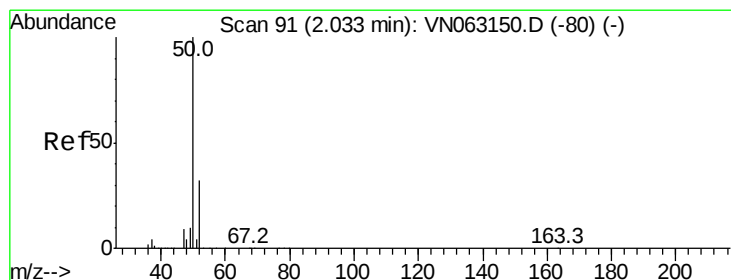
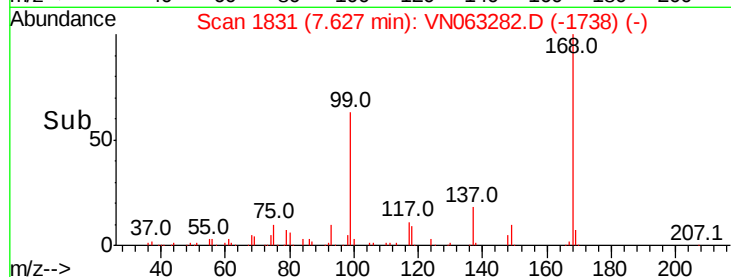
100000

50000

0

7.50 7.60 7.70

Time-->



#3

Chloromethane

Concen: 0.305 ug/l

RT: 2.03 min Scan# 91

Delta R.T. 0.00 min

Lab File: VN063282.D

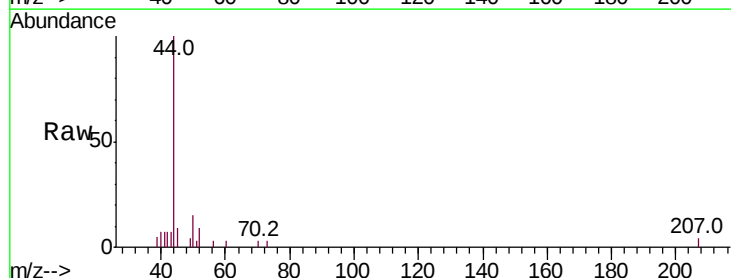
Acq: 9 Sep 2020 15:04

Tgt Ion: 50 Resp: 1861

Ion Ratio Lower Upper

50 100

52 63.4 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.03

1000

800

600

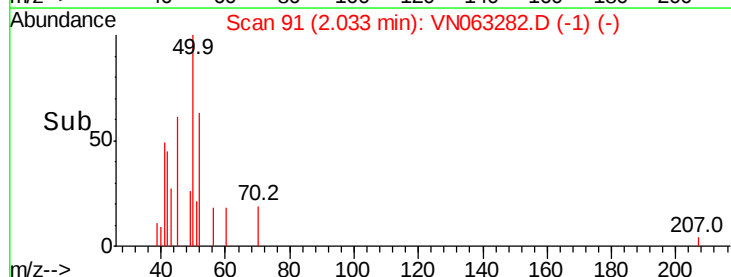
400

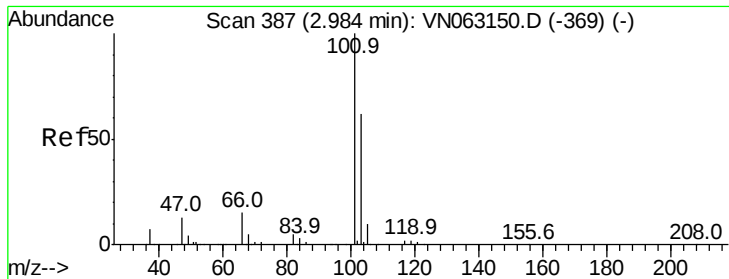
200

0

2.00 2.05 2.10

Time-->





#7

Trichlorofluoromethane

Concen: Below Cal

RT: 2.75 min Scan# 315

Delta R.T. -0.23 min

Lab File: VN063282.D

Acq: 9 Sep 2020 15:04

Instrument :

MSVOA_N

ClientSampleId :

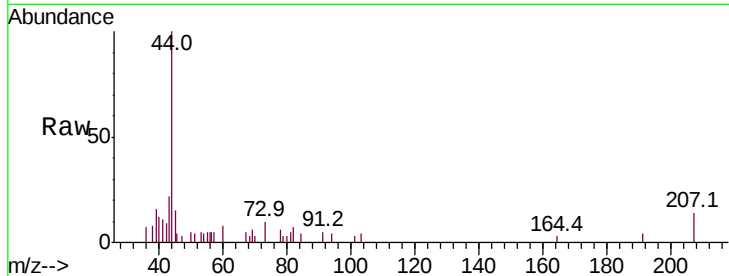
SP-1-1

Tot Ion:101 Resp: 30

Ion Ratio Lower Upper

101 100

103 130.1 49.7 74.5#

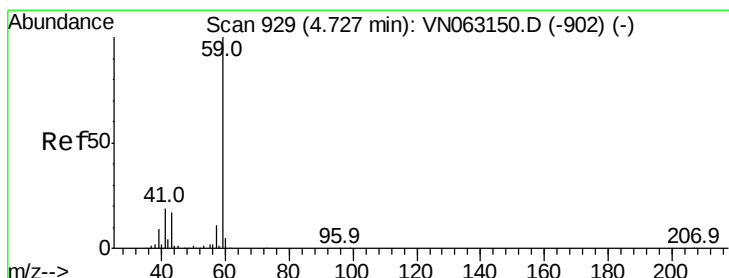
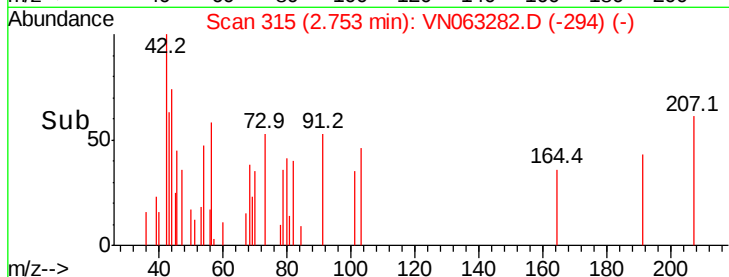


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

2.75

Time--> 2.74 2.75 2.75 2.75 2.76



#11

Tert butyl alcohol

Concen: 0.394 ug/l

RT: 4.72 min Scan# 926

Delta R.T. -0.01 min

Lab File: VN063282.D

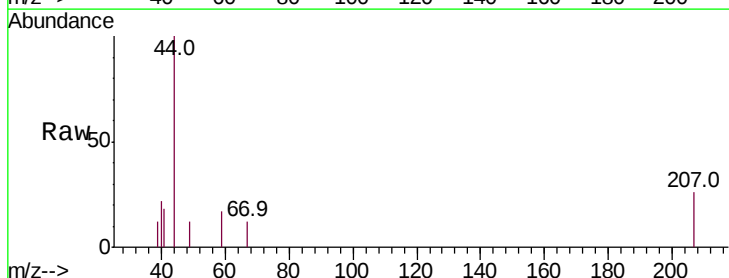
Acq: 9 Sep 2020 15:04

Tgt Ion: 59 Resp: 336

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#

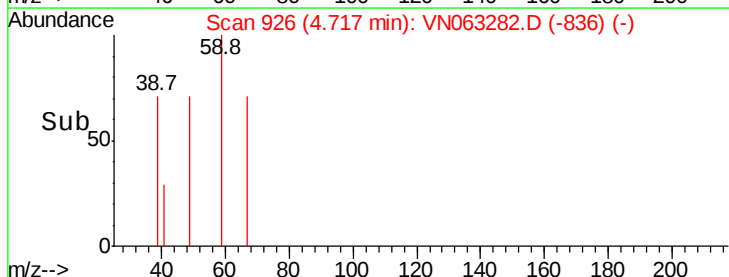


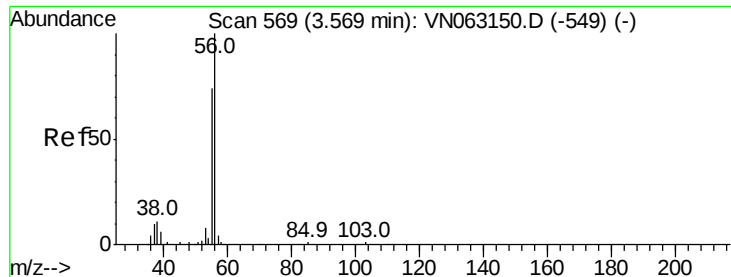
Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.72

Time--> 4.70 4.71 4.72 4.73 4.74





#13

Acrolein

Concen: 15.864 ug/l

RT: 3.60 min Scan# 577

Delta R.T. 0.03 min

Lab File: VN063282.D

Acq: 9 Sep 2020 15:04

Instrument :

MSVOA_N

ClientSampleId :

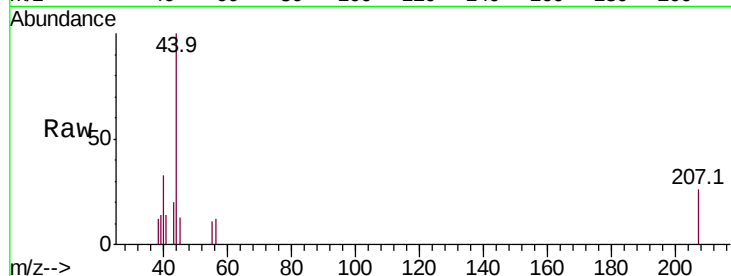
SP-1-1

Tot Ion: 56 Resp: 33

Ion Ratio Lower Upper

56 100

55 184.8 55.4 83.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

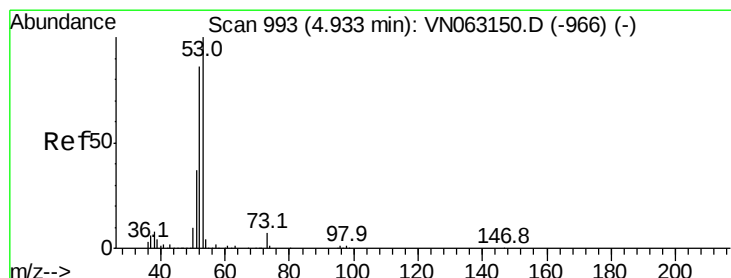
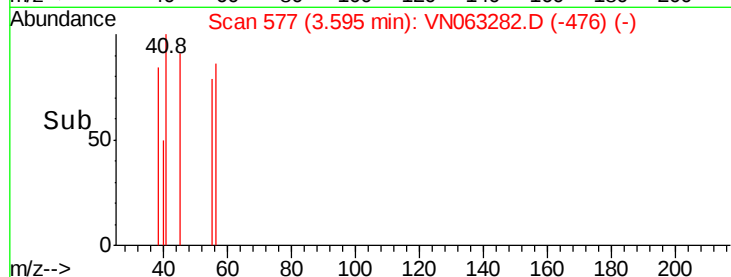
150

100

50

0

Time-->



#15

Acrylonitrile

Concen: 2.433 ug/l

RT: 5.10 min Scan# 1045

Delta R.T. 0.17 min

Lab File: VN063282.D

Acq: 9 Sep 2020 15:04

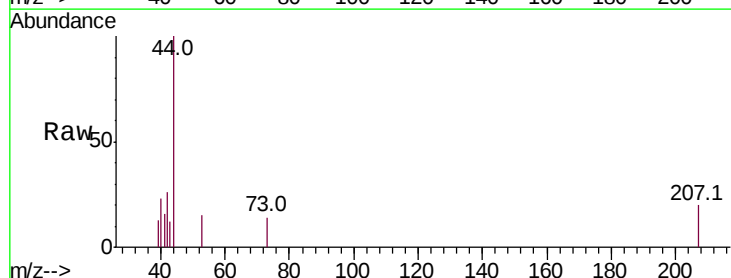
Tgt Ion: 53 Resp: 71

Ion Ratio Lower Upper

53 100

52 0.0 67.2 100.8#

51 0.0 30.2 45.4#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

250

200

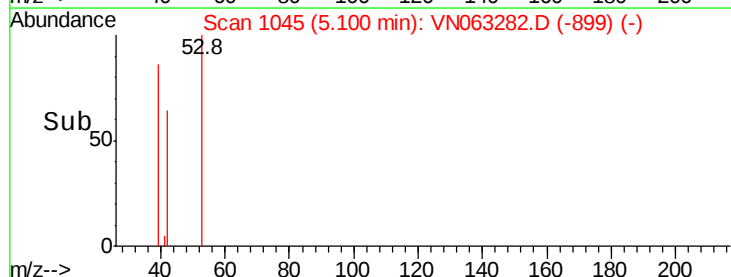
150

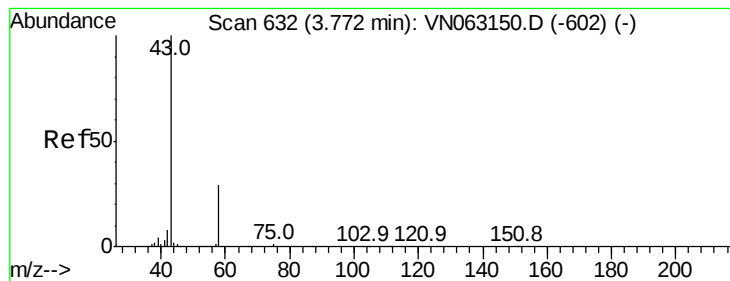
100

50

0

Time-->





#16

Acetone

Concen: 19.442 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063282.D

Acq: 9 Sep 2020 15:04

Instrument :

MSVOA_N

ClientSampled :

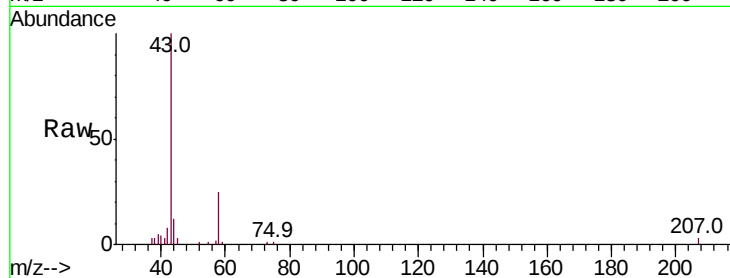
SP-1-1

Tot Ion: 43 Resp: 38410

Ion Ratio Lower Upper

43 100

58 24.0 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN063282.D (-697) (-)

Ion 58.00 (57.70 to 58.70): VN063282.D (-697) (-)

3.78

15000

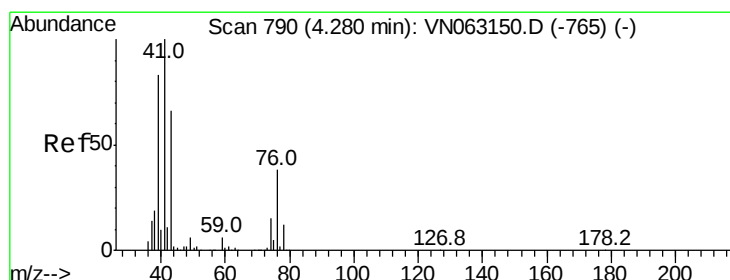
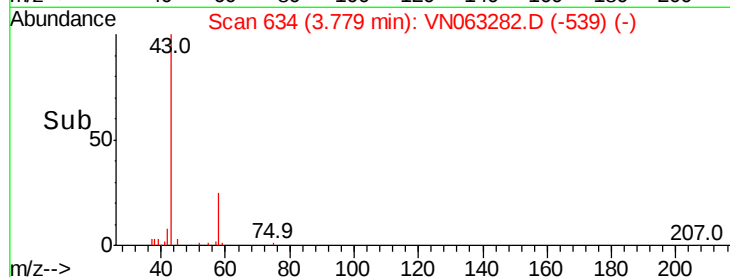
10000

5000

0

3.70 3.80 3.90

Time-->



#18

Methyl Acetate

Concen: 1.034 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN063282.D

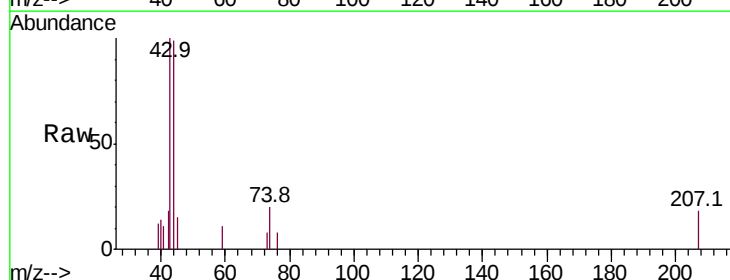
Acq: 9 Sep 2020 15:04

Tgt Ion: 43 Resp: 5240

Ion Ratio Lower Upper

43 100

74 2.3 19.0 28.6#



Abundance Ion 43.00 (42.70 to 43.70): VN063282.D (-697) (-)

Ion 74.00 (73.70 to 74.70): VN063282.D (-697) (-)

4.28

2000

1500

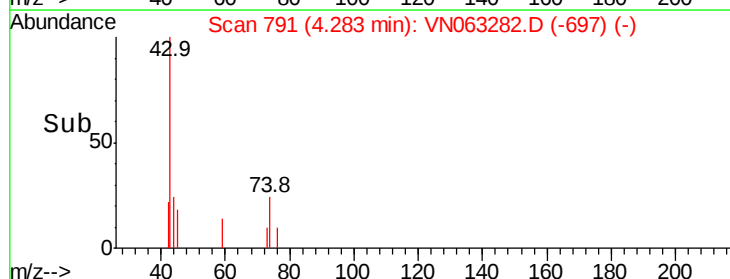
1000

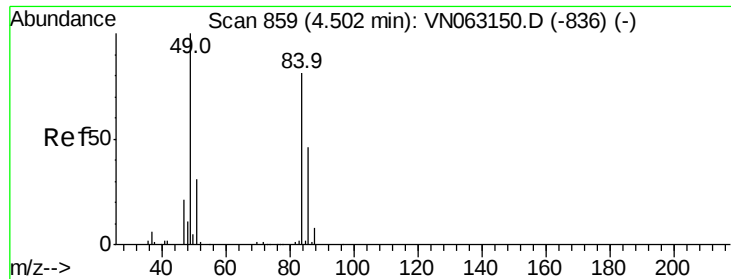
500

0

4.20 4.25 4.30 4.35

Time-->

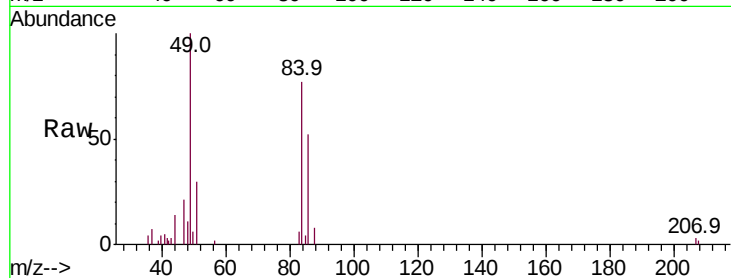




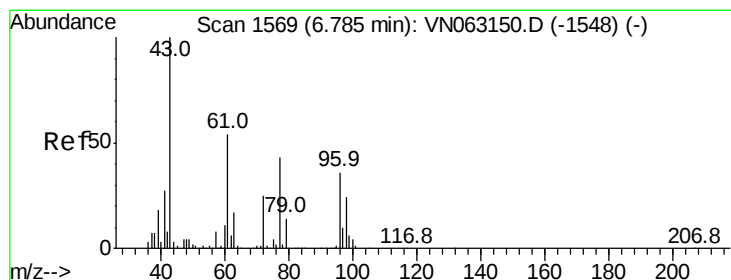
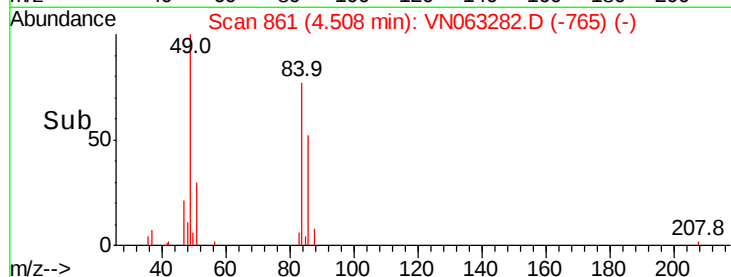
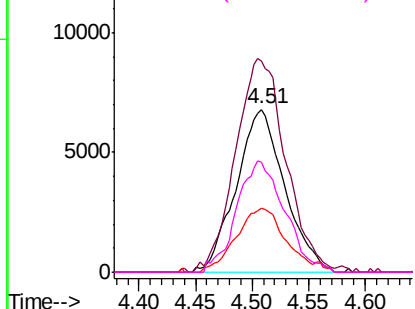
#20
Methylene Chloride
Concen: 3.184 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063282.D
Acq: 9 Sep 2020 15:04

Instrument :
MSVOA_N
ClientSampled :
SP-1-1

Tot Ion: 84 Resp: 20244
Ion Ratio Lower Upper
84 100
49 129.6 98.4 147.6
51 39.3 30.4 45.6
86 67.6 45.7 68.5

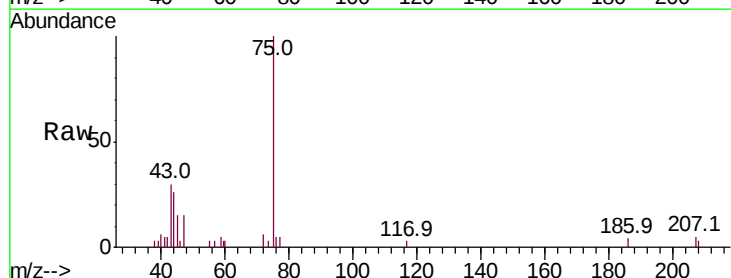


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

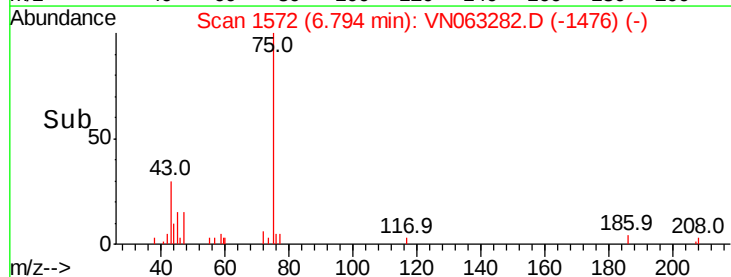
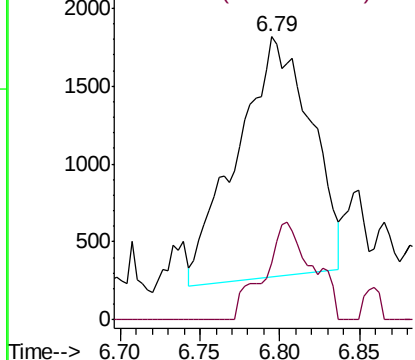


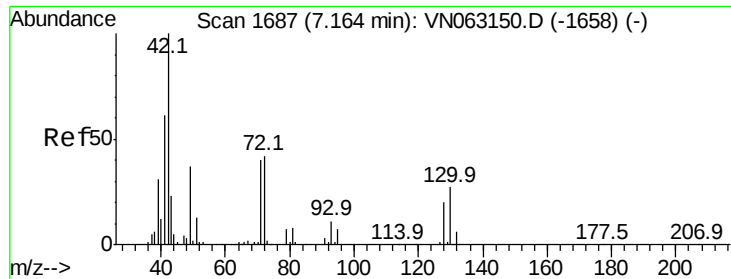
#25
2-Butanone
Concen: 1.603 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN063282.D
Acq: 9 Sep 2020 15:04

Tgt Ion: 43 Resp: 4904
Ion Ratio Lower Upper
43 100
72 24.7 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.402 ug/l

RT: 7.16 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VN063282.D

Acq: 9 Sep 2020 15:04

Instrument :

MSVOA_N

ClientSampled :

SP-1-1

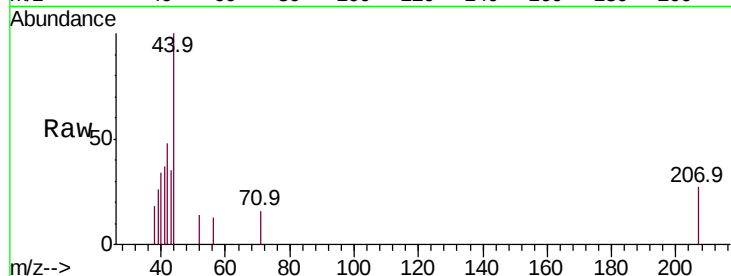
Tot Ion: 42 Resp: 850

Ion Ratio Lower Upper

42 100

72 0.0 33.9 50.9#

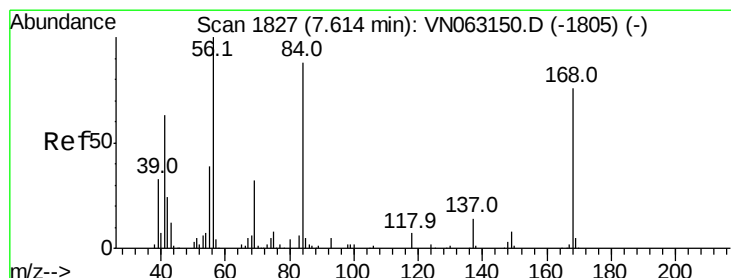
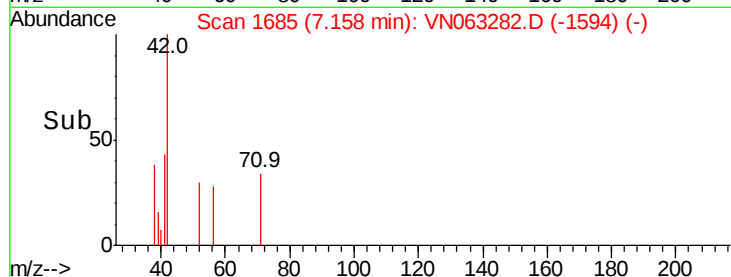
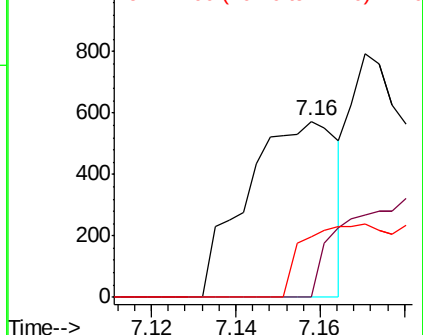
71 0.0 31.9 47.9#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: Below Cal

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN063282.D

Acq: 9 Sep 2020 15:04

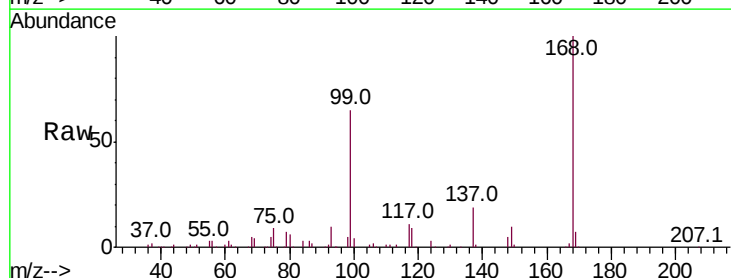
Tgt Ion: 56 Resp: 11548

Ion Ratio Lower Upper

56 100

69 141.5 25.4 38.0#

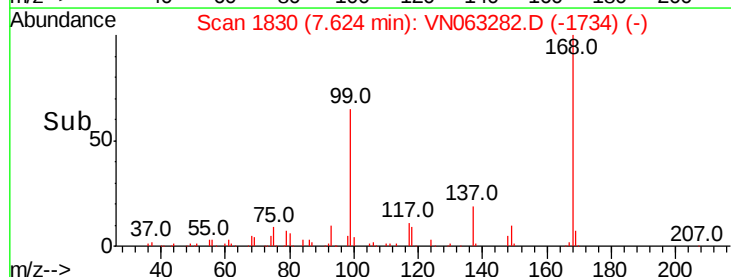
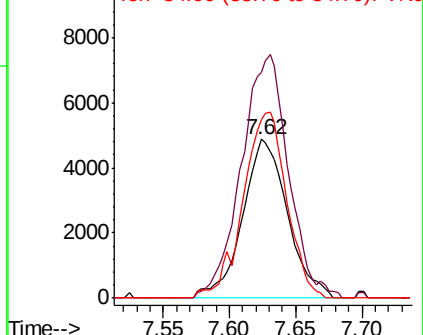
84 112.3 70.2 105.4#

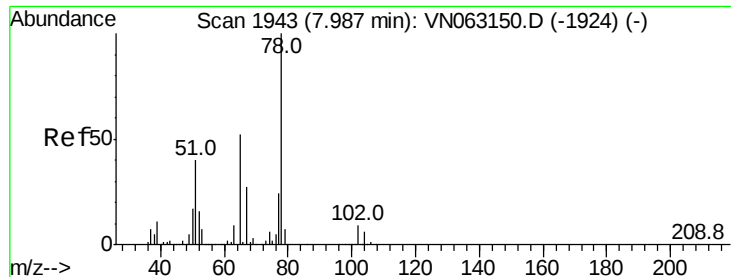


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 46.867 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063282.D

Acq: 9 Sep 2020 15:04

Instrument :

MSVOA_N

ClientSampled :

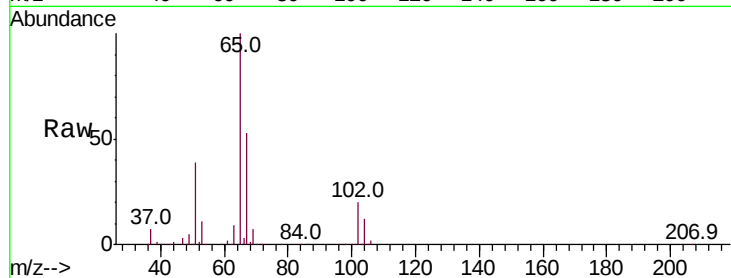
SP-1-1

Tot Ion: 65 Resp: 325723

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063282.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063282.D (-1850) (-)

7.99

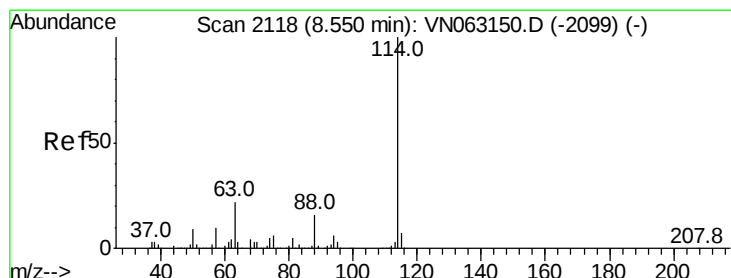
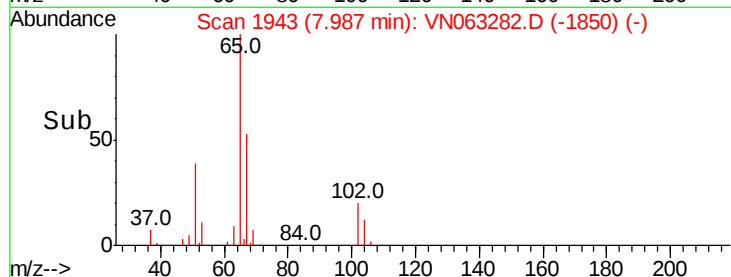
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063282.D

Acq: 9 Sep 2020 15:04

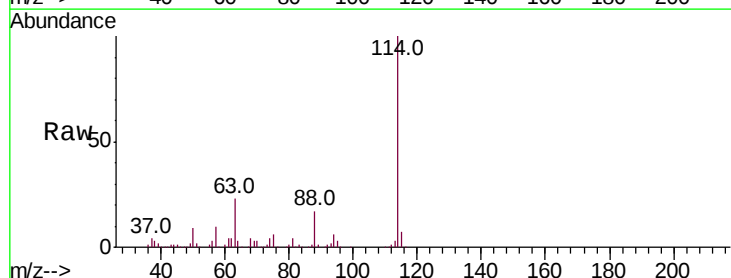
Tgt Ion: 114 Resp: 791188

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.0

88 16.5 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN063282.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063282.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063282.D (-2025) (-)

8.55

500000

400000

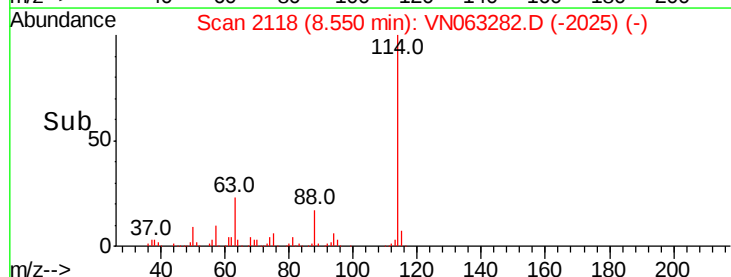
300000

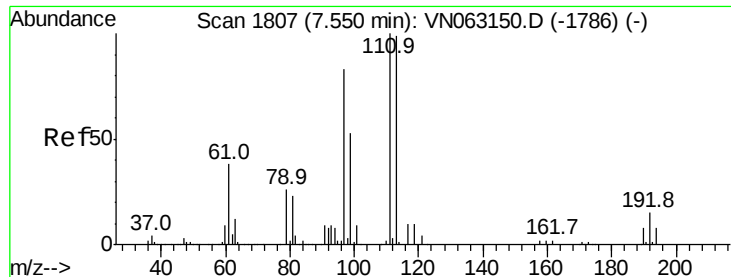
200000

100000

0

Time-->

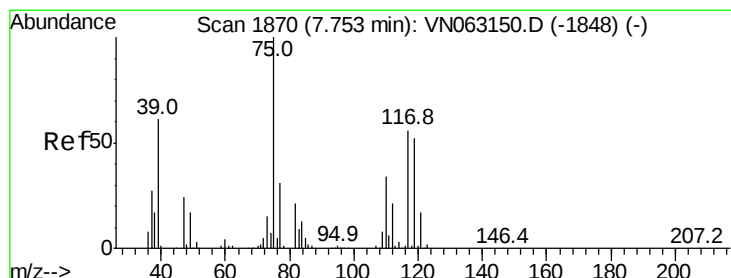
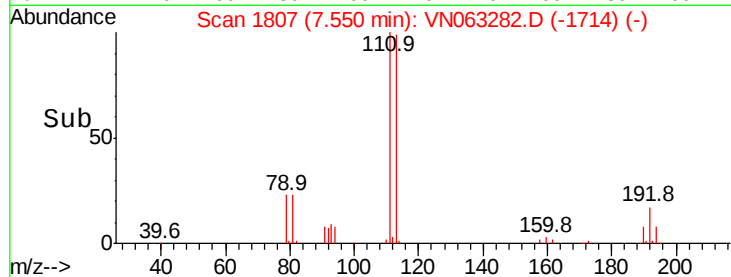
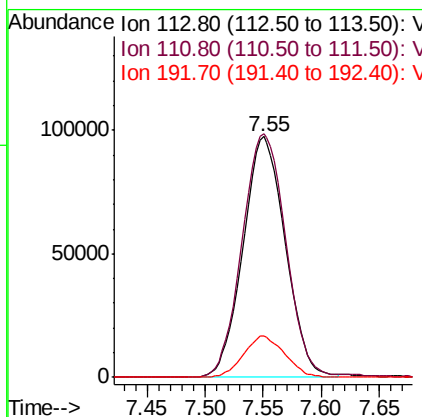
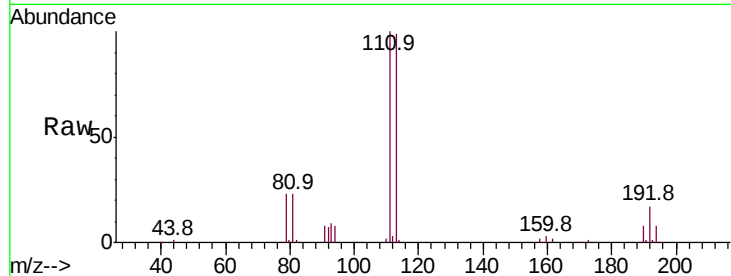




#35
 Dibromofluoromethane
 Concen: 48.729 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063282.D
 Acq: 9 Sep 2020 15:04

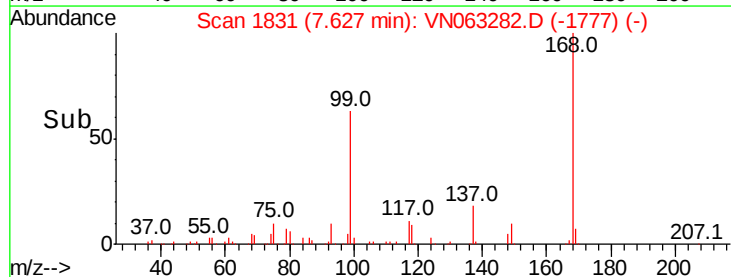
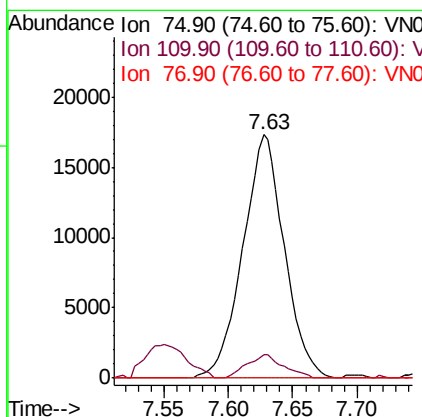
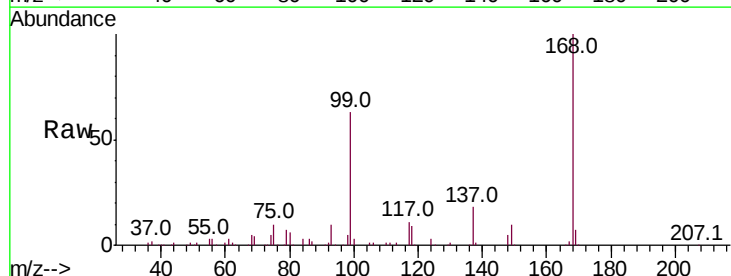
Instrument :
 MSVOA_N
 ClientSampled :
 SP-1-1

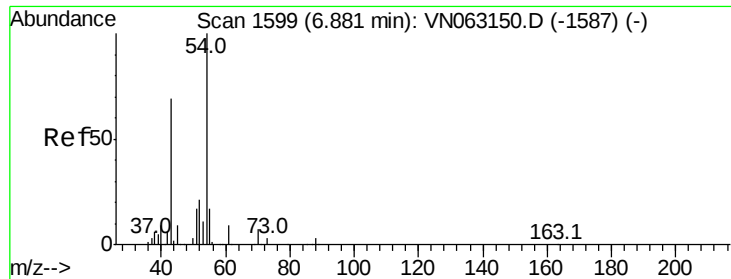
Tot Ion:113 Resp: 247344
 Ion Ratio Lower Upper
 113 100
 111 104.7 80.7 121.1
 192 16.7 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 5.087 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063282.D
 Acq: 9 Sep 2020 15:04

Tgt Ion: 75 Resp: 38695
 Ion Ratio Lower Upper
 75 100
 110 8.5 16.6 49.8#
 77 0.0 25.4 38.2#

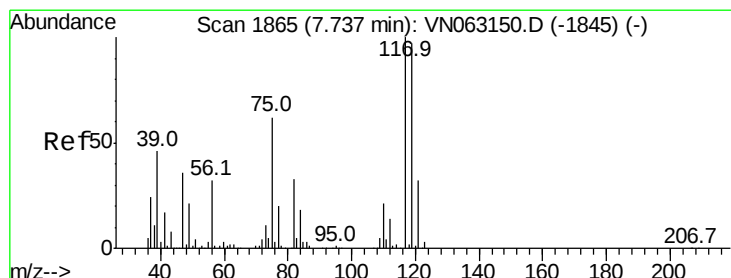
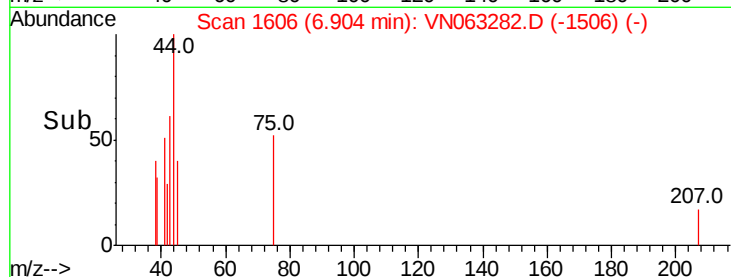
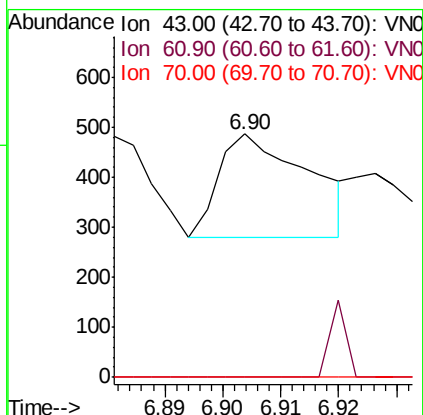
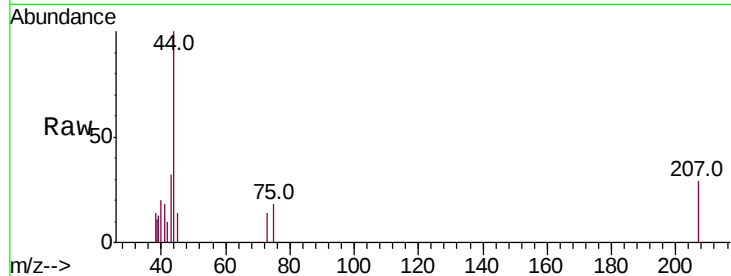




#37
Ethyl Acetate
Concen: 0.411 ug/l
RT: 6.90 min Scan# 1606
Delta R.T. 0.02 min
Lab File: VN063282.D
Acq: 9 Sep 2020 15:04

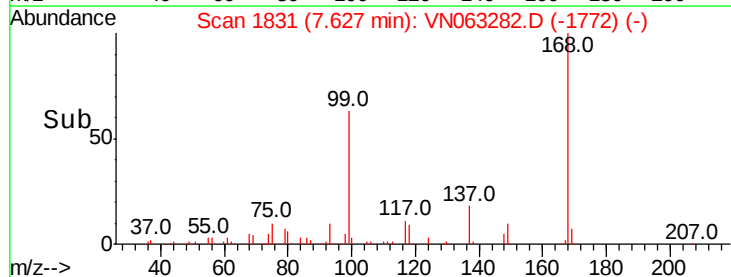
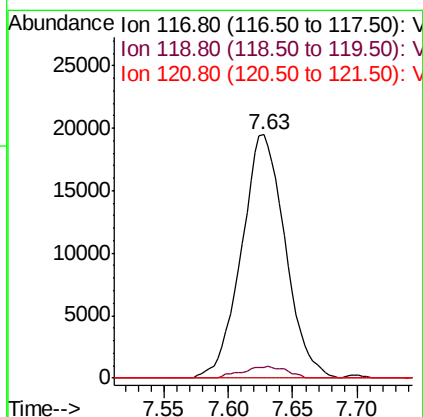
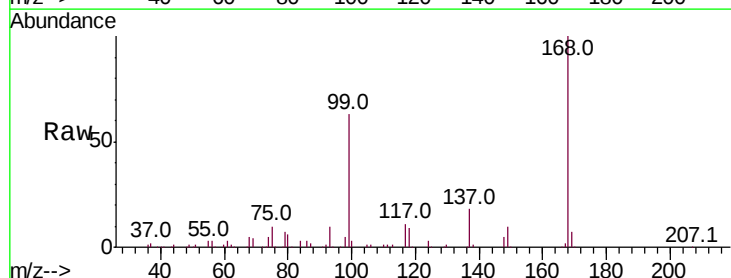
Instrument :
MSVOA_N
ClientSampled :
SP-1-1

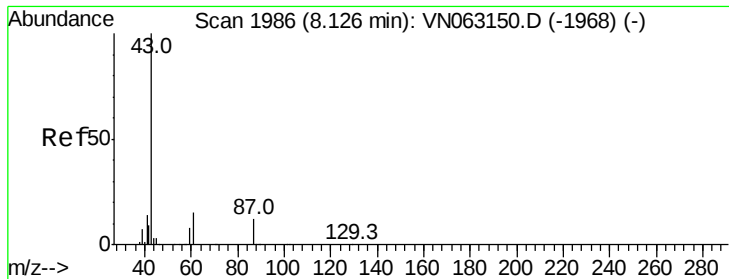
Tot Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
61 13.5 10.2 15.4
70 0.0 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 5.967 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063282.D
Acq: 9 Sep 2020 15:04

Tgt Ion: 117 Resp: 46029
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 25.6 38.4#





#43

Isopropyl Acetate

Concen: 11.278 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063282.D

Acq: 9 Sep 2020 15:04

Instrument :

MSVOA_N

ClientSampled :

SP-1-1

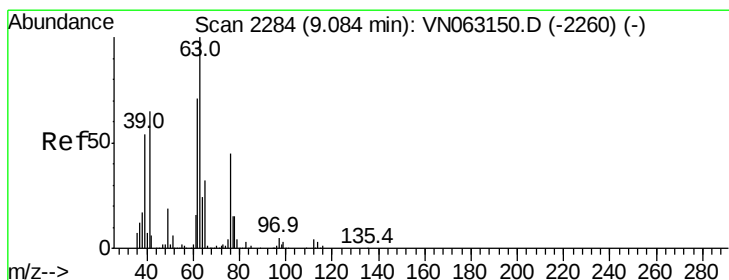
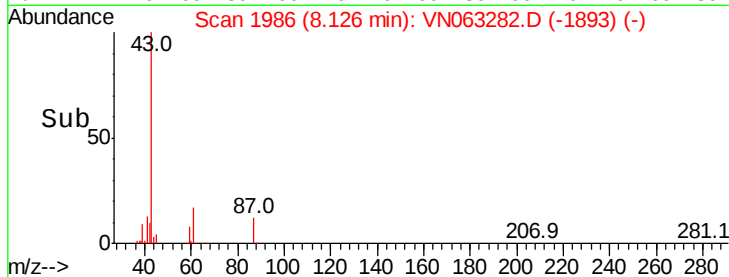
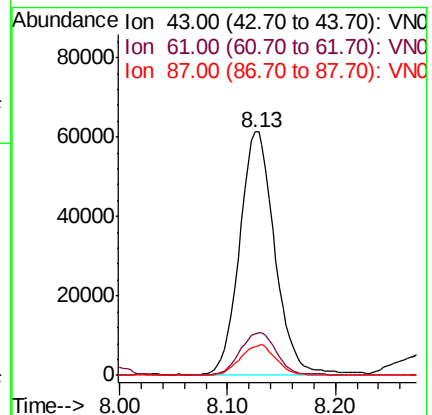
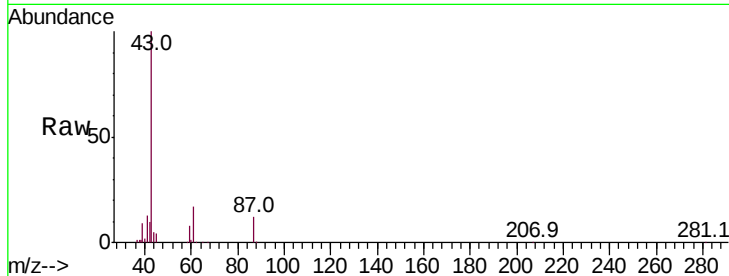
Tot Ion: 43 Resp: 139899

Ion Ratio Lower Upper

43 100

61 18.4 20.2 30.4#

87 12.5 9.8 14.6



#45

1,2-Dichloropropane

Concen: 0.248 ug/l

RT: 9.23 min Scan# 2329

Delta R.T. 0.14 min

Lab File: VN063282.D

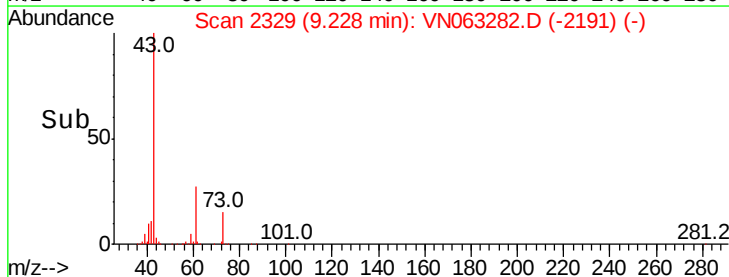
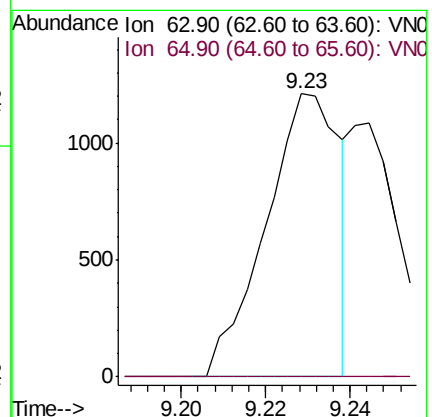
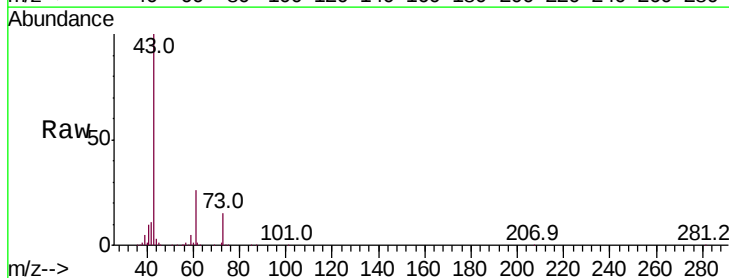
Acq: 9 Sep 2020 15:04

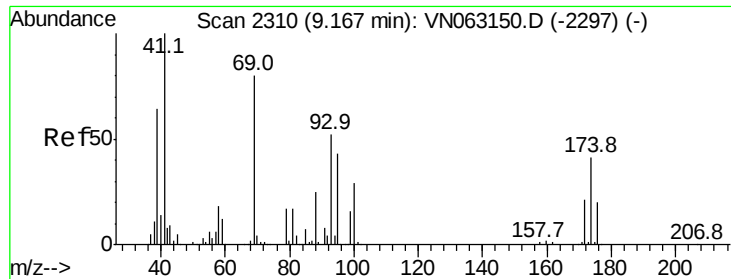
Tgt Ion: 63 Resp: 1467

Ion Ratio Lower Upper

63 100

65 0.0 25.4 38.0#

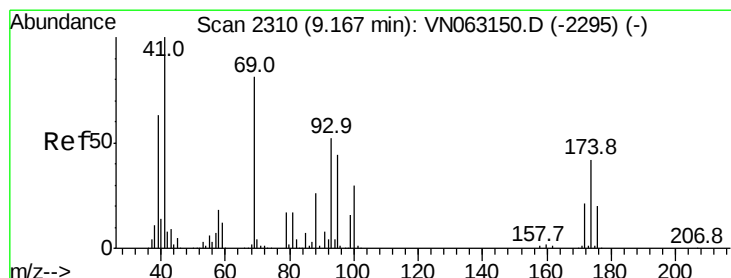
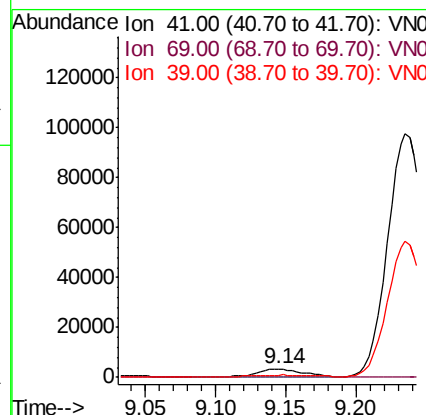
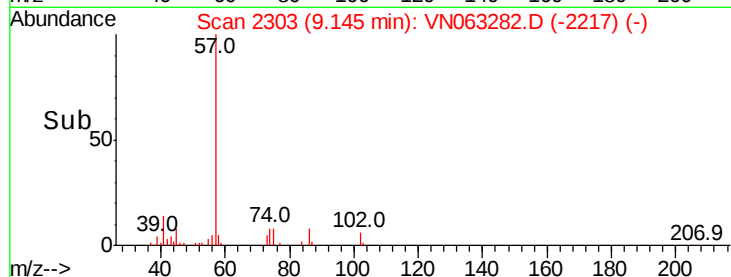
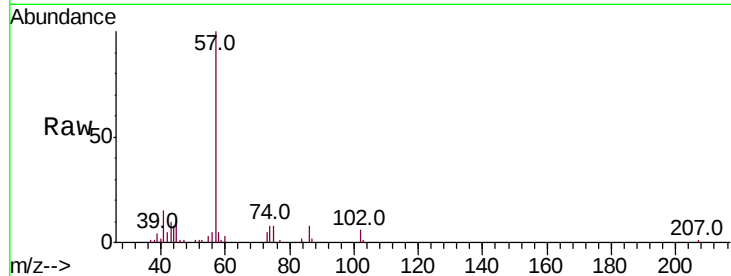




#48
Methvl methacrylate
Concen: 1.246 ug/l
RT: 9.14 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN063282.D
Acq: 9 Sep 2020 15:04

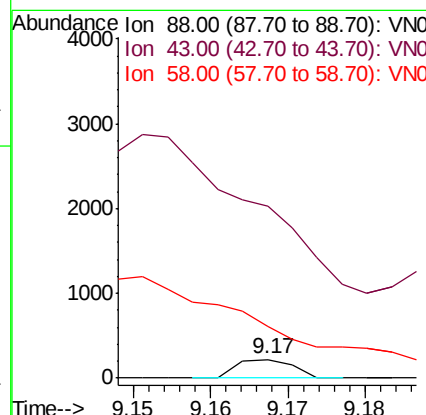
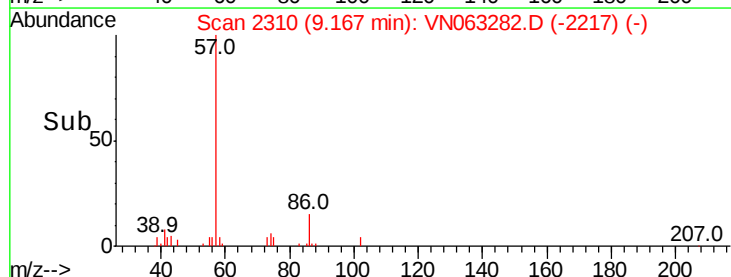
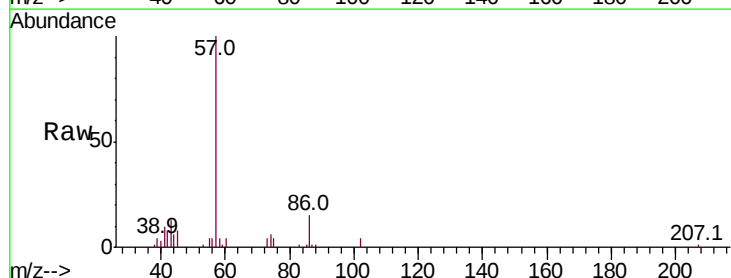
Instrument :
MSVOA_N
ClientSampled :
SP-1-1

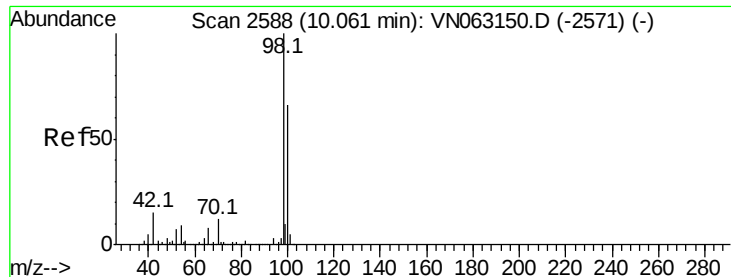
Tot Ion: 41 Resp: 6968
Ion Ratio Lower Upper
41 100
69 0.0 65.9 98.9#
39 0.0 52.0 78.0#



#49
1,4-Dioxane
Concen: 1.295 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063282.D
Acq: 9 Sep 2020 15:04

Tgt Ion: 88 Resp: 112
Ion Ratio Lower Upper
88 100
43 0.0 28.6 42.8#
58 2172.3 53.2 79.8#





#50

Toluene-d8

Concen: 51.886 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063282.D

Acq: 9 Sep 2020 15:04

Instrument :

MSVOA_N

ClientSampled :

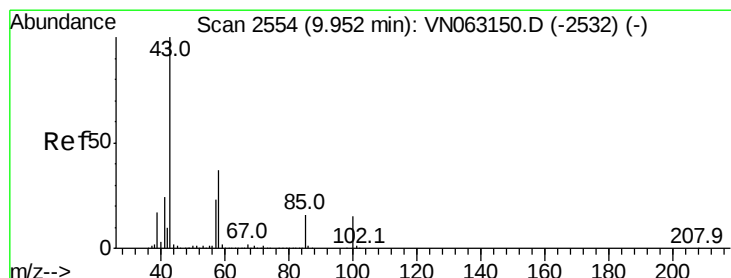
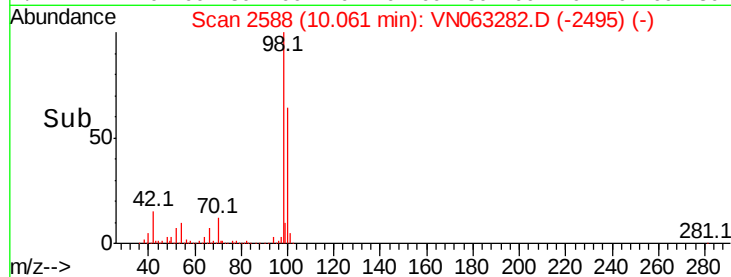
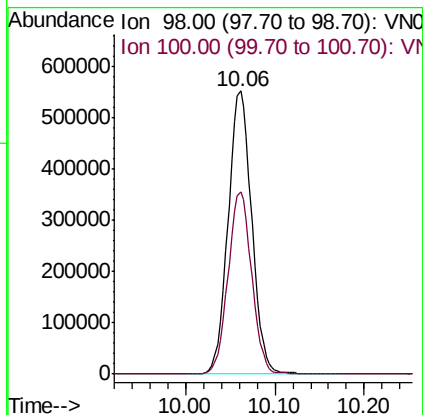
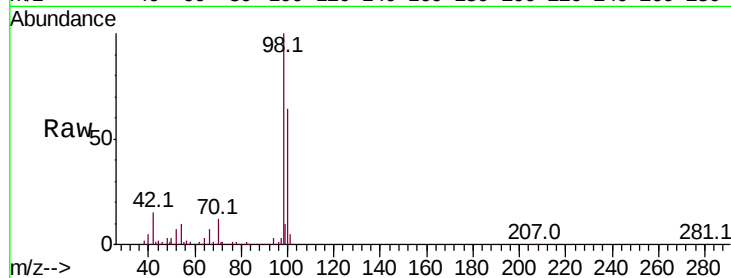
SP-1-1

Tot Ion: 98 Resp: 1013707

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 2.380 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063282.D

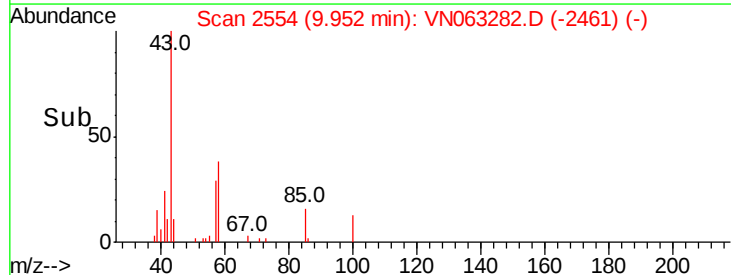
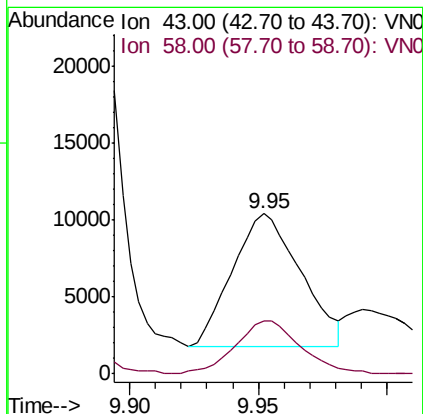
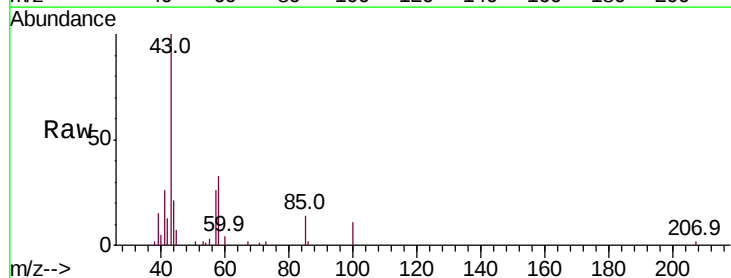
Acq: 9 Sep 2020 15:04

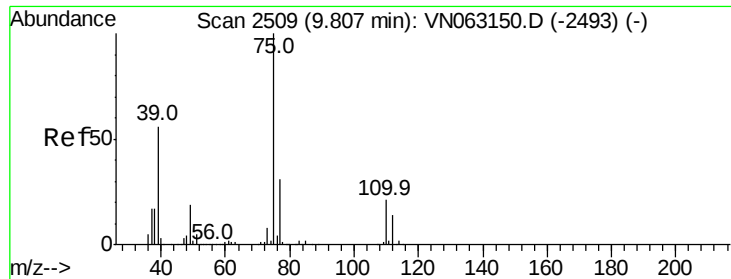
Tgt Ion: 43 Resp: 16043

Ion Ratio Lower Upper

43 100

58 38.2 29.2 43.8





#54

cis-1,3-Dichloropropene

Concen: 5.963 ug/l

RT: 9.87 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN063282.D

Acq: 9 Sep 2020 15:04

Instrument :

MSVOA_N

ClientSampled :

SP-1-1

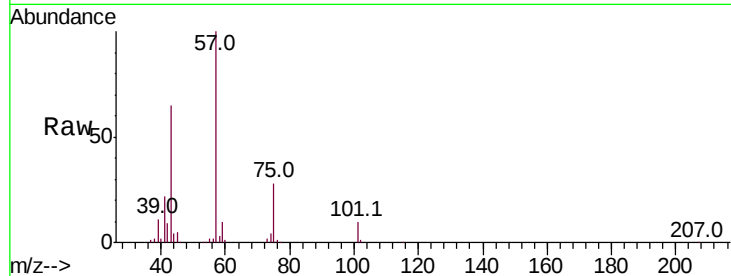
Tot Ion: 75 Resp: 57559

Ion Ratio Lower Upper

75 100

77 0.6 24.8 37.2#

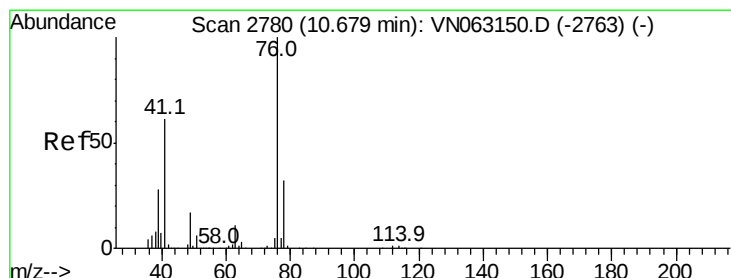
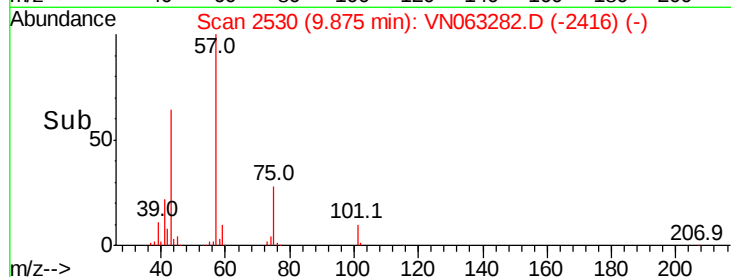
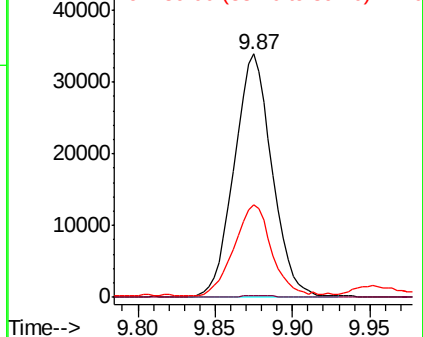
39 37.7 45.0 67.6#



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



#57

1,3-Dichloropropane

Concen: 0.798 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.06 min

Lab File: VN063282.D

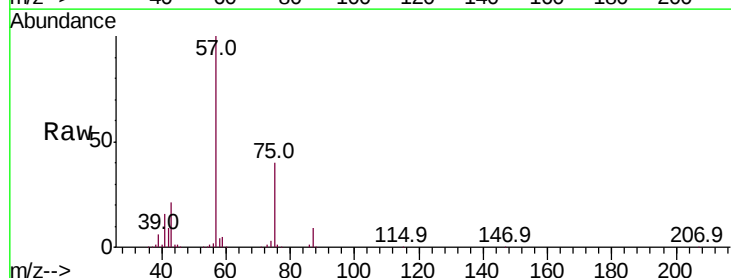
Acq: 9 Sep 2020 15:04

Tgt Ion: 76 Resp: 7584

Ion Ratio Lower Upper

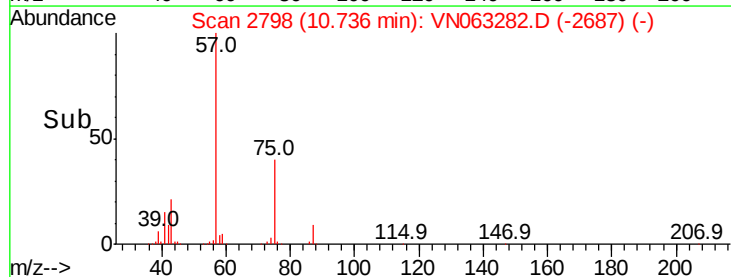
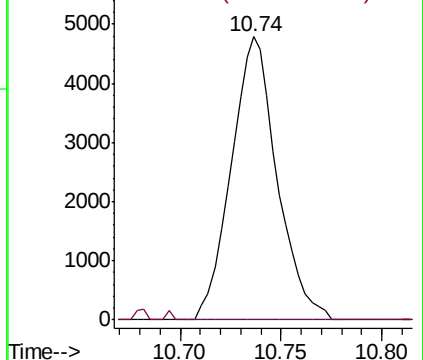
76 100

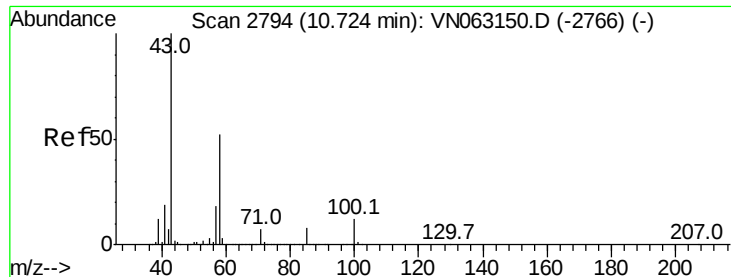
78 0.0 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

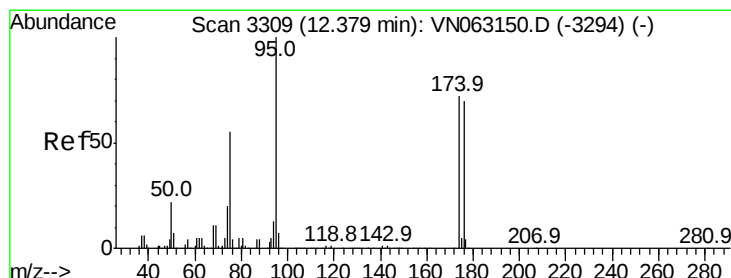
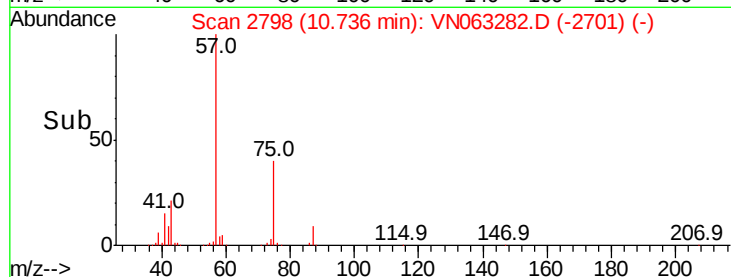
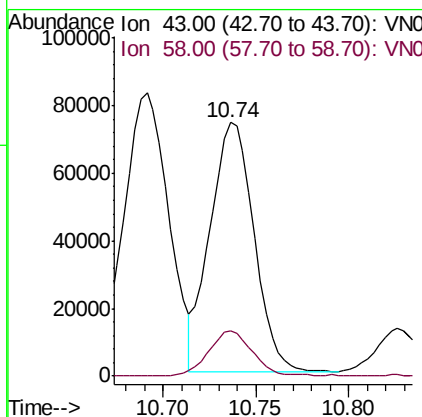
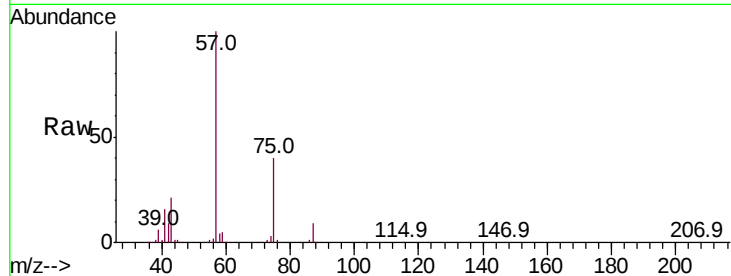




#59
2-Hexanone
Concen: 25.709 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.01 min
Lab File: VN063282.D
Acq: 9 Sep 2020 15:04

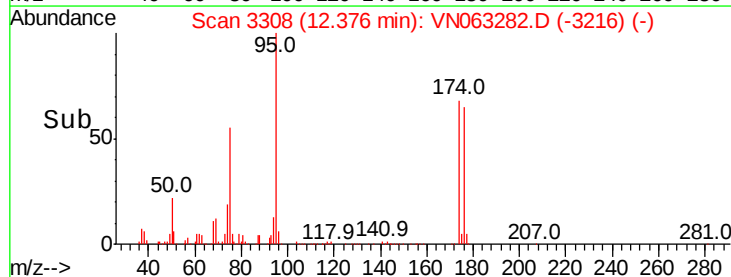
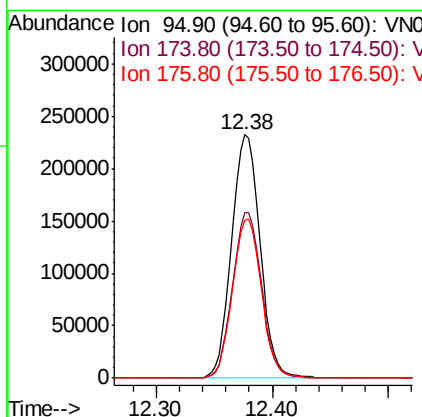
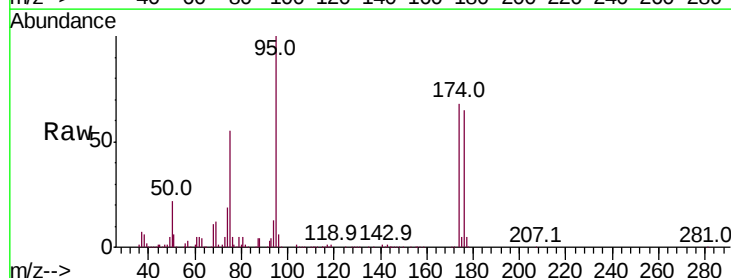
Instrument :
MSVOA_N
ClientSampleId :
SP-1-1

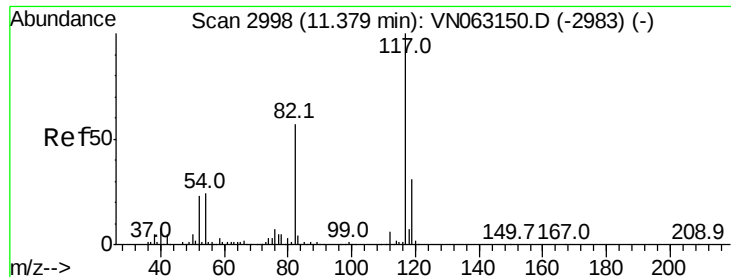
Tot Ion: 43 Resp: 121788
Ion Ratio Lower Upper
43 100
58 18.1 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 57.620 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063282.D
Acq: 9 Sep 2020 15:04

Tgt Ion: 95 Resp: 393783
Ion Ratio Lower Upper
95 100
174 69.1 0.0 143.8
176 66.5 0.0 138.4

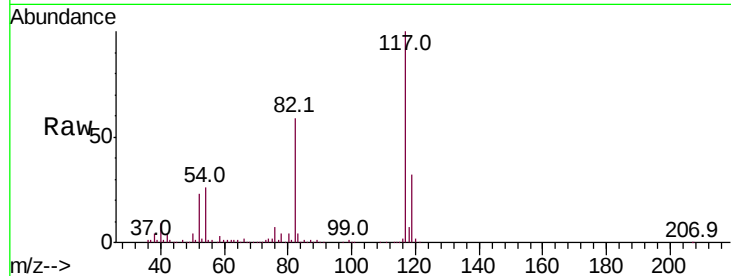




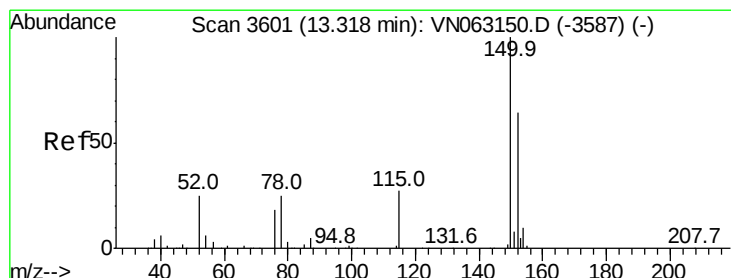
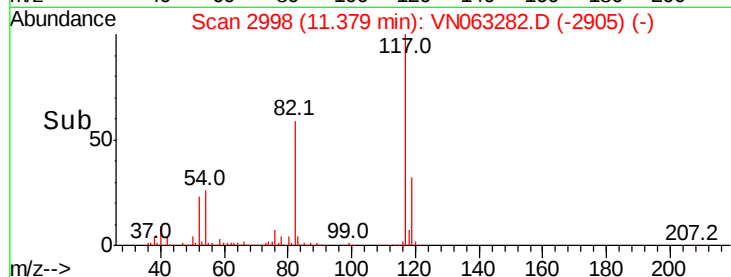
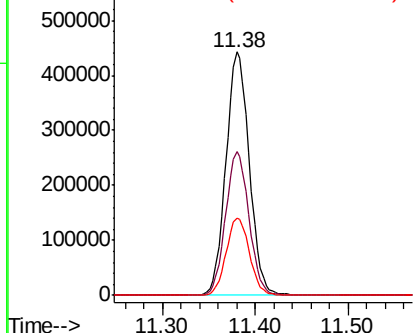
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063282.D
Acq: 9 Sep 2020 15:04

Instrument :
MSVOA_N
ClientSampled :
SP-1-1

Tot Ion:117 Resp: 773141
Ion Ratio Lower Upper
117 100
82 58.8 45.4 68.0
119 31.8 24.6 37.0

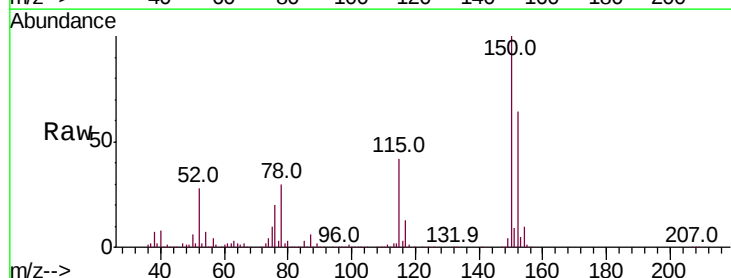


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

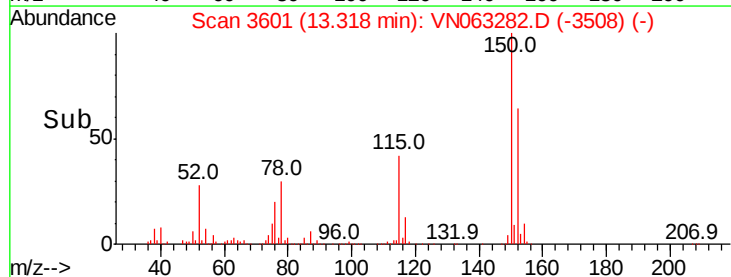
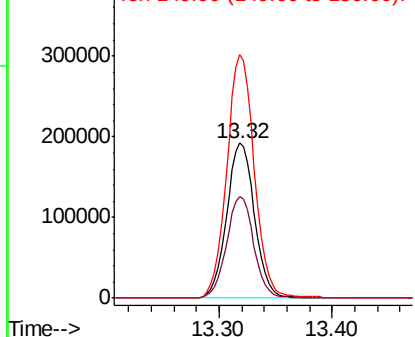


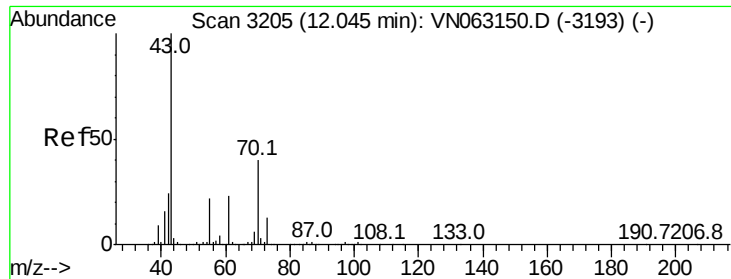
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063282.D
Acq: 9 Sep 2020 15:04

Tgt Ion:152 Resp: 329938
Ion Ratio Lower Upper
152 100
115 63.9 32.0 96.2
150 154.2 0.0 353.0



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: 0.467 ug/l

RT: 12.01 min Scan# 3194

Delta R.T. -0.04 min

Lab File: VN063282.D

Acq: 9 Sep 2020 15:04

Instrument :

MSVOA_N

ClientSampled :

SP-1-1

Tot Ion: 43 Resp: 4895

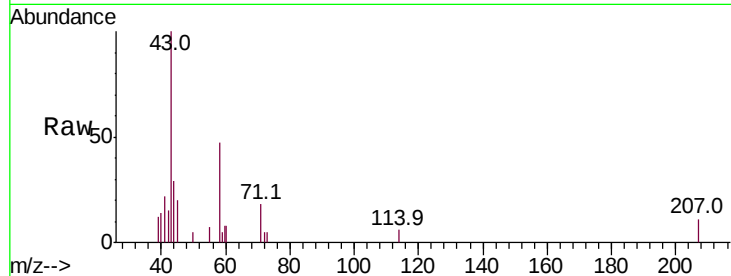
Ion Ratio Lower Upper

43 100

70 1.2 32.1 48.1#

55 8.5 17.4 26.0#

61 0.0 18.6 27.8#

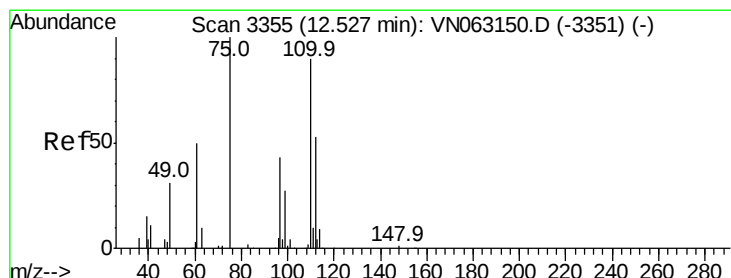
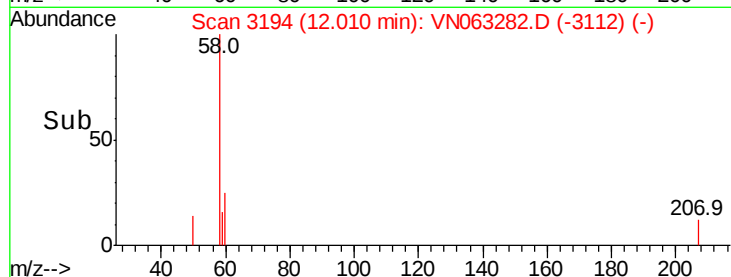
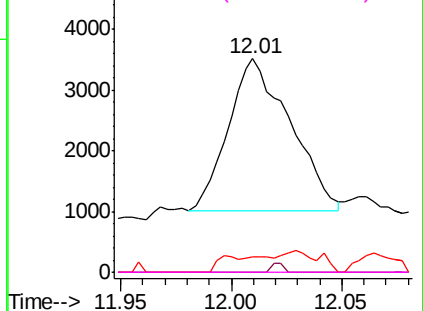


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 33.403 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063282.D

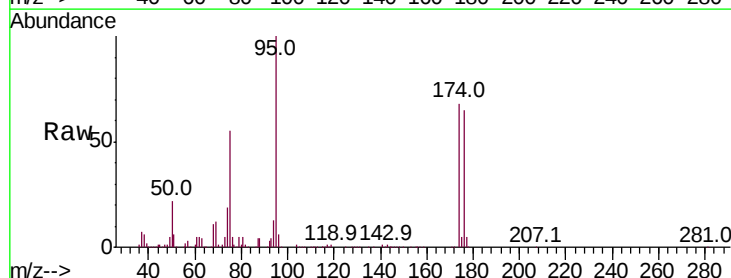
Acq: 9 Sep 2020 15:04

Tgt Ion: 75 Resp: 216536

Ion Ratio Lower Upper

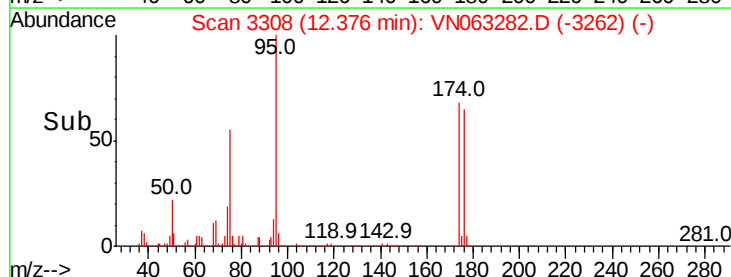
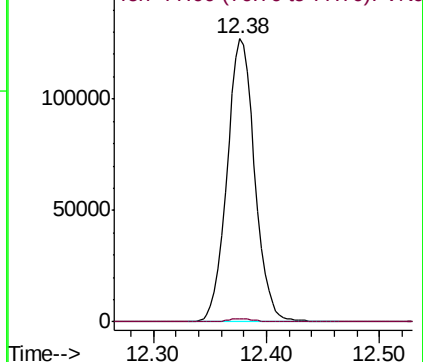
75 100

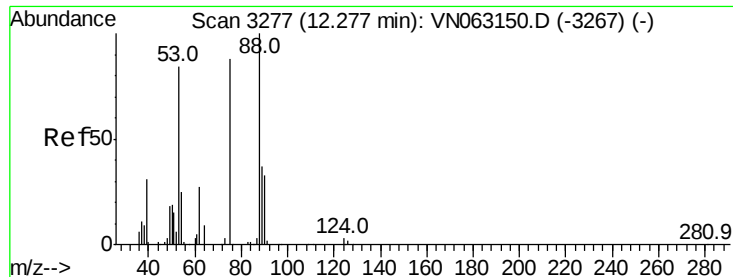
77 1.2 0.0 0.0#



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: 80.734 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063282.D

Acq: 9 Sep 2020 15:04

Instrument :

MSVOA_N

ClientSampleId :

SP-1-1

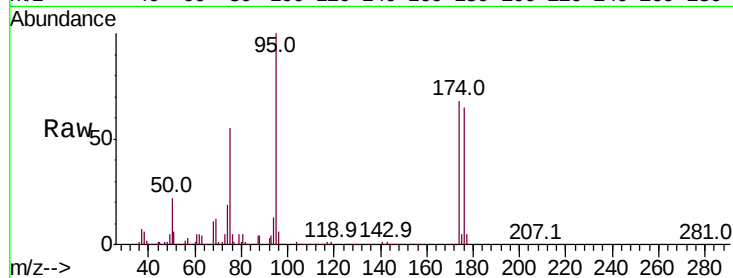
Tot Ion: 75 Resp: 216536

Ion Ratio Lower Upper

75 100

53 0.0 78.7 118.1#

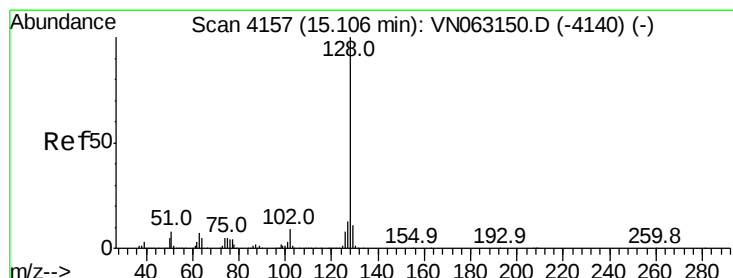
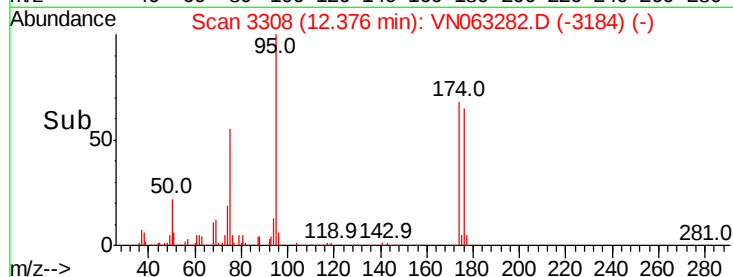
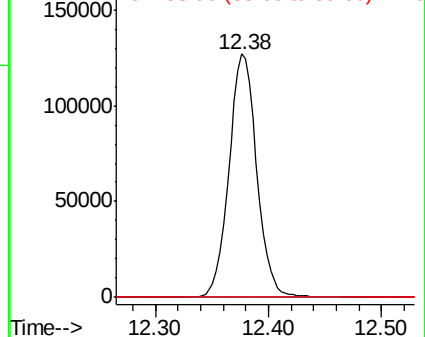
89 0.0 35.3 52.9#



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



#95

Naphthalene

Concen: 0.653 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063282.D

Acq: 9 Sep 2020 15:04

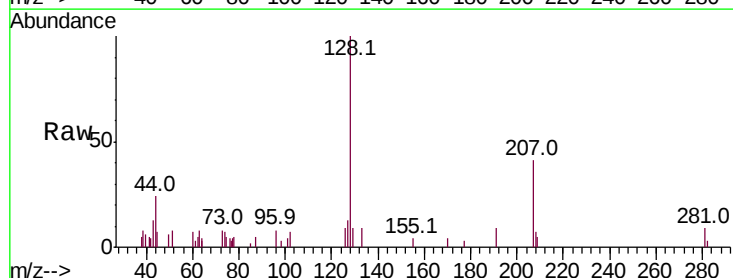
Tgt Ion: 128 Resp: 12414

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 5.0 8.6 13.0#



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

