

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062916.D
 Acq On : 13 Aug 2020 17:41
 Operator : JC/MD
 Sample : PB130936TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130936TB

Quant Time: Aug 14 05:09:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	129245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	219478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	232167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	86493	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	108362	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
35) Dibromofluoromethane	7.55	113	75419	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
50) Toluene-d8	10.06	98	298010	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.38	95	111487	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.51	94	395	0.364	ug/l #	62
11) Tert butyl alcohol	4.71	59	5166	14.747	ug/l #	72
16) Acetone	3.78	43	21601	27.970	ug/l	92
17) Carbon Disulfide	4.01	76	1473	Below Cal	#	74
18) Methyl Acetate	4.29	43	3493	0.801	ug/l #	66
20) Methylene Chloride	4.50	84	13450	8.891	ug/l	93
25) 2-Butanone	6.80	43	4239	3.875	ug/l	93
29) Tetrahydrofuran	7.18	42	1027	1.445	ug/l #	54
31) Cyclohexane	7.63	56	3034	1.171	ug/l #	7
36) 1,1-Dichloropropene	7.62	75	10774	5.041	ug/l #	53
38) Carbon Tetrachloride	7.63	117	13621	5.389	ug/l #	17
41) Methacrylonitrile	7.18	41	539	0.535	ug/l #	55
43) Isopropyl Acetate	8.13	43	40943	10.996	ug/l	98
45) 1,2-Dichloropropane	9.23	63	909	0.527	ug/l #	45
48) Methyl methacrylate	9.24	41	73009	39.863	ug/l #	42
51) 4-Methyl-2-Pentanone	9.95	43	5593	2.322	ug/l	90
54) cis-1,3-Dichloropropene	9.88	75	17335	6.180	ug/l #	66
56) Ethyl methacrylate	10.51	69	954	0.377	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	3347	1.171	ug/l #	43
59) 2-Hexanone	10.74	43	48537	27.008	ug/l #	54
74) N-amyl acetate	12.01	43	1740	0.659	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	61015	26.157	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.72	105	2668	0.472	ug/l	90
81) trans-1,4-Dichloro-2-buten	12.38	75	61015	79.851	ug/l #	10
82) 4-Chlorotoluene	12.75	91	1174	0.238	ug/l	76
86) p-Isopropyltoluene	13.27	119	1493	0.268	ug/l #	69
87) 1,3-Dichlorobenzene	13.26	146	824	0.285	ug/l	84
88) 1,4-Dichlorobenzene	13.26	146	824	0.284	ug/l	86
89) n-Butylbenzene	13.60	91	2234	0.474	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	1012	0.373	ug/l #	74
92) 1,2-Dibromo-3-Chloropropan	14.25	75	107	0.217	ug/l	76
93) 1,2,4-Trichlorobenzene	14.89	180	2010	4.611	ug/l	88
94) Hexachlorobutadiene	14.98	225	388	Below Cal	#	58
95) Naphthalene	15.11	128	8484	5.684	ug/l #	94

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

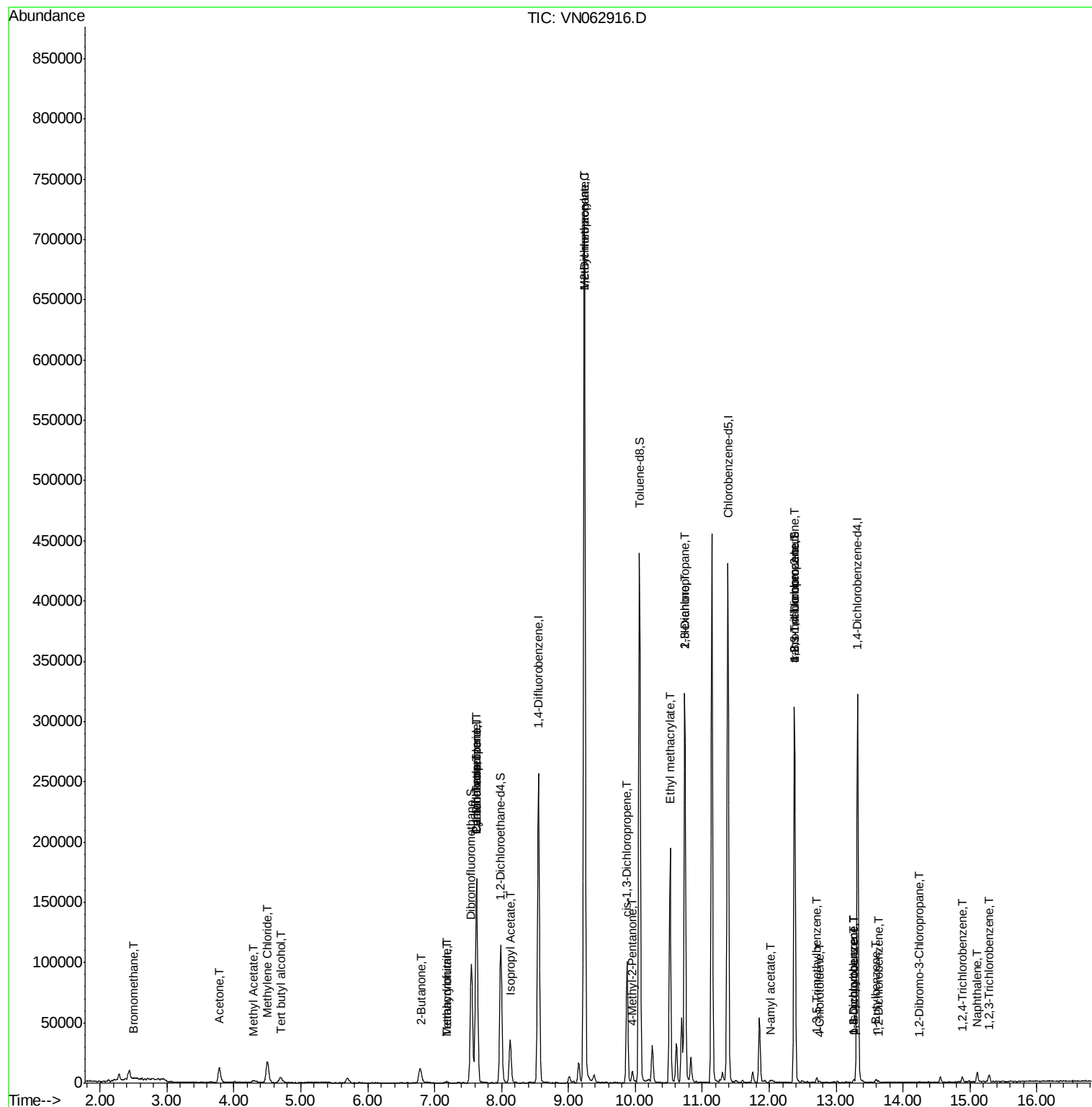
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.28	180	2524	4.403	ug/l	91

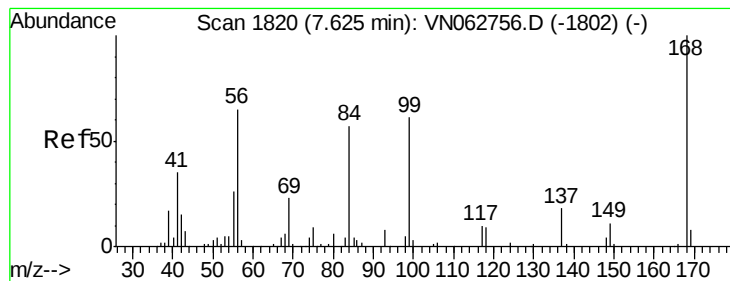
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081320\
Data File : VN062916.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

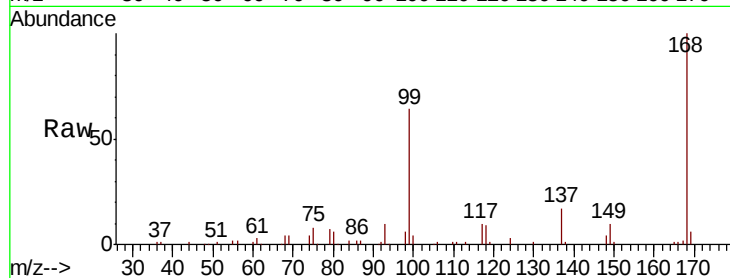
PB130936TB

Tot Ion:168 Resp: 129245

Ion Ratio Lower Upper

168 100

99 63.8 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

50000

40000

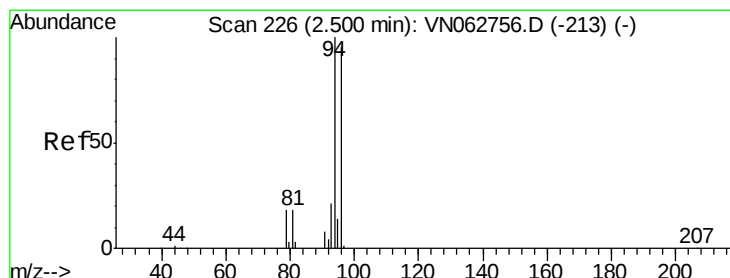
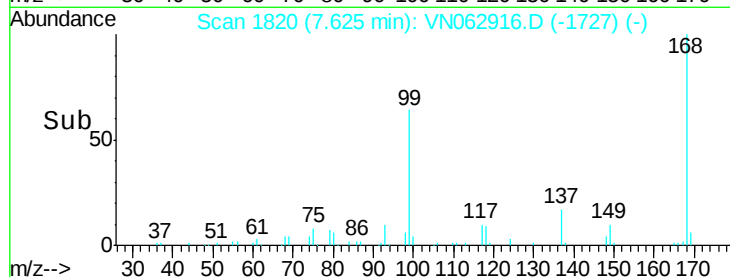
30000

20000

10000

0

Time-->



#5

Bromomethane

Concen: 0.364 ug/l

RT: 2.51 min Scan# 230

Delta R.T. 0.01 min

Lab File: VN062916.D

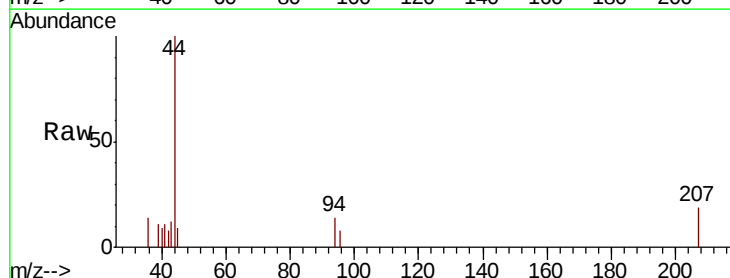
Acq: 13 Aug 2020 17:41

Tgt Ion: 94 Resp: 395

Ion Ratio Lower Upper

94 100

96 58.4 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.51

300

250

200

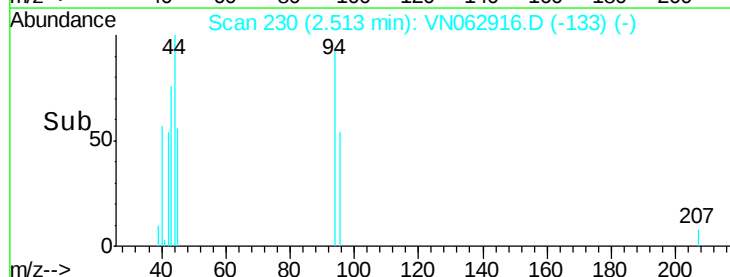
150

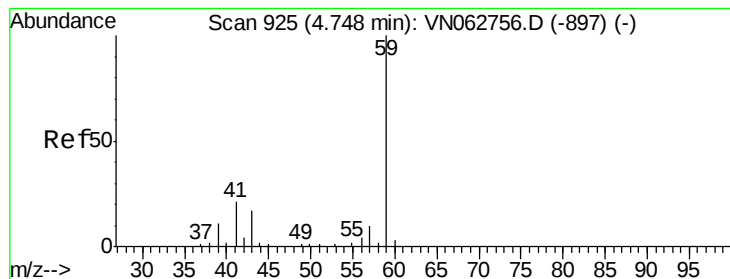
100

50

0

Time-->



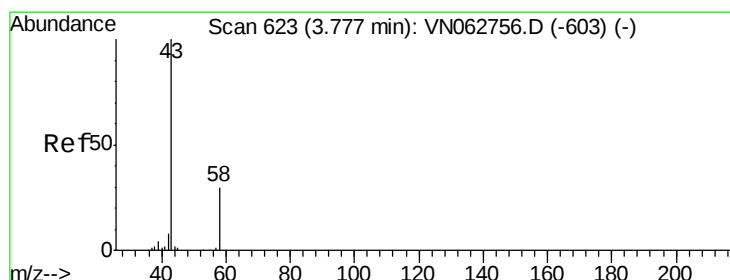
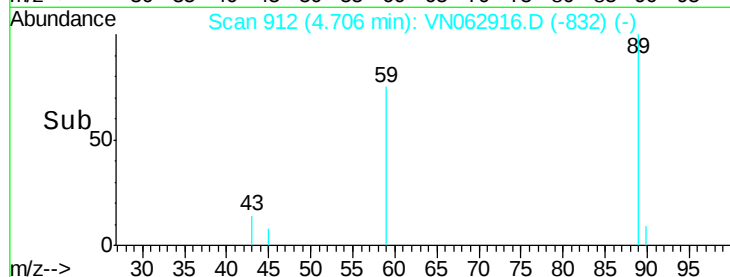
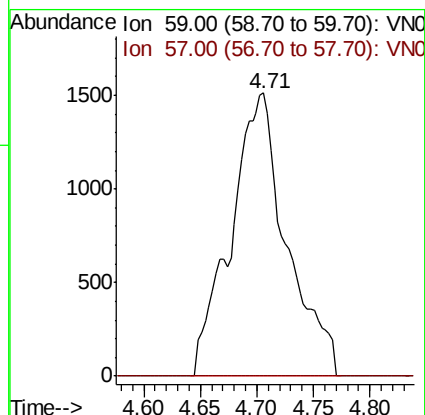
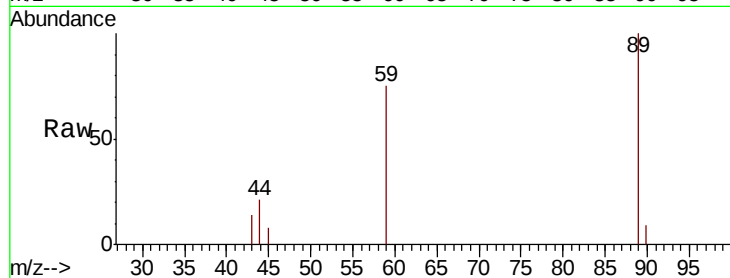


#11

Tert butyl alcohol
 Concen: 14.747 ug/l
 RT: 4.71 min Scan# 912
 Delta R.T. -0.04 min
 Lab File: VN062916.D
 Acq: 13 Aug 2020 17:41

Instrument :
 MSVOA_N
 ClientSampled :
 PB130936TB

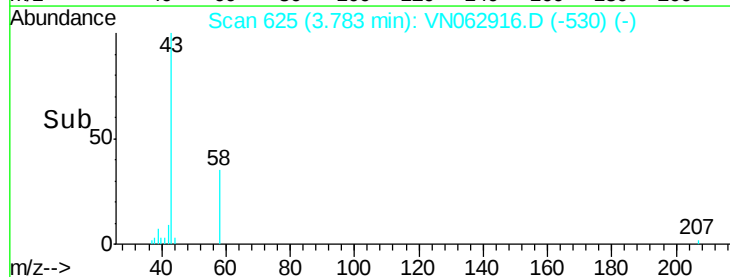
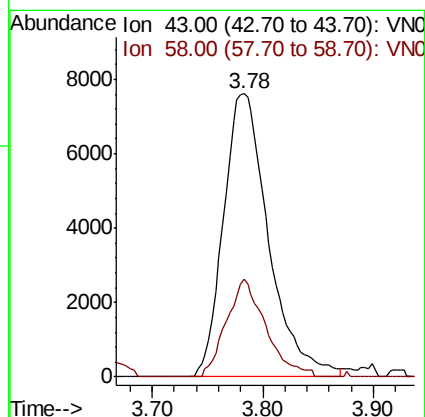
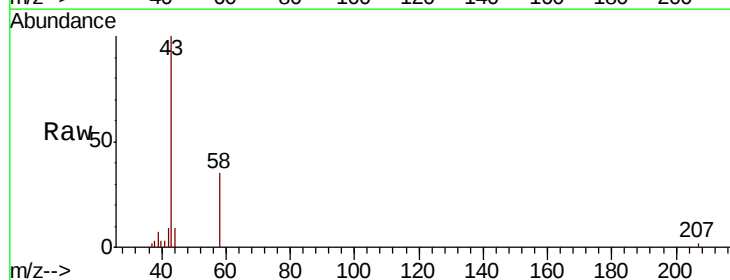
Tot Ion: 59 Resp: 5166
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

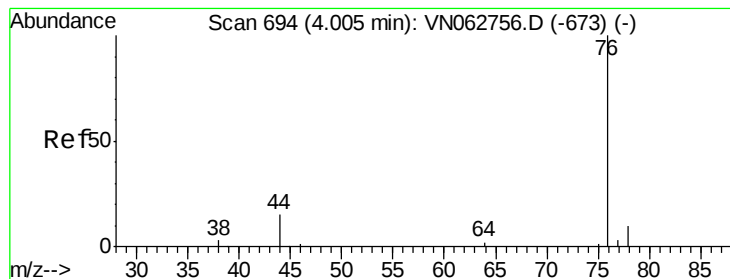


#16

Acetone
 Concen: 27.970 ug/l
 RT: 3.78 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: VN062916.D
 Acq: 13 Aug 2020 17:41

Tgt Ion: 43 Resp: 21601
 Ion Ratio Lower Upper
 43 100
 58 34.7 24.1 36.1





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.01 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

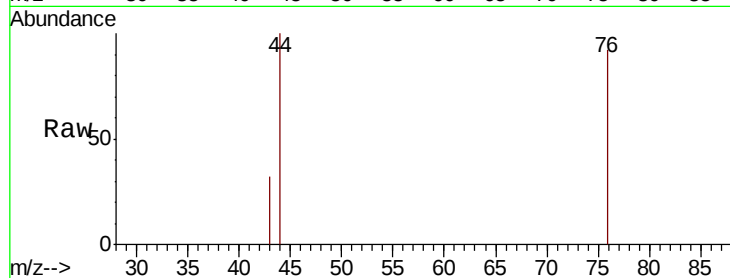
PB130936TB

Tot Ion: 76 Resp: 1473

Ion Ratio Lower Upper

76 100

78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

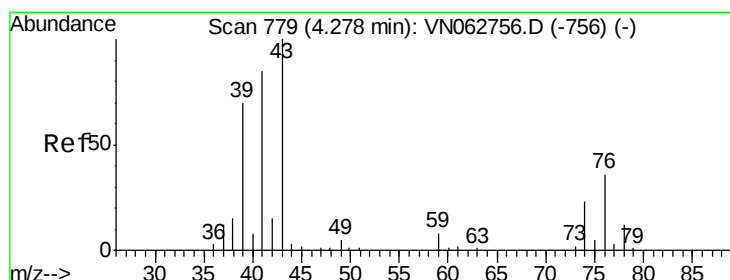
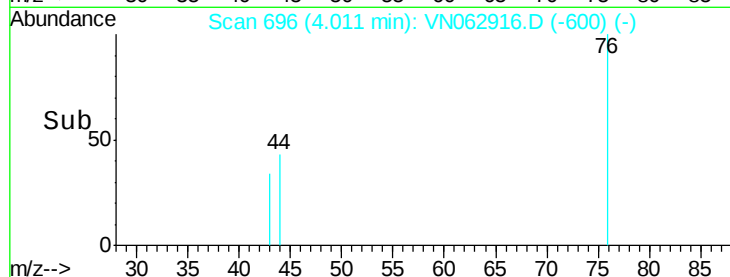
600

400

200

0

Time-->



#18

Methyl Acetate

Concen: 0.801 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.02 min

Lab File: VN062916.D

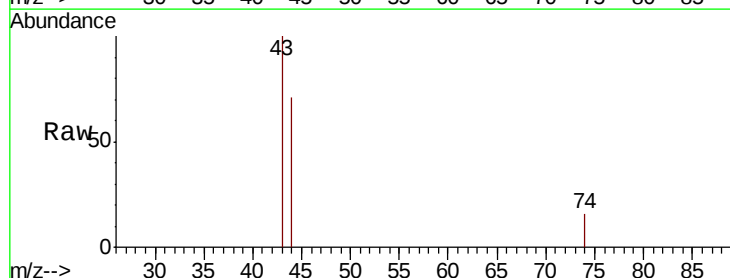
Acq: 13 Aug 2020 17:41

Tgt Ion: 43 Resp: 3493

Ion Ratio Lower Upper

43 100

74 6.7 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

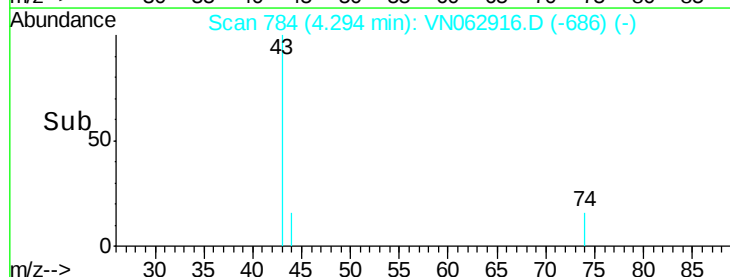
4.29

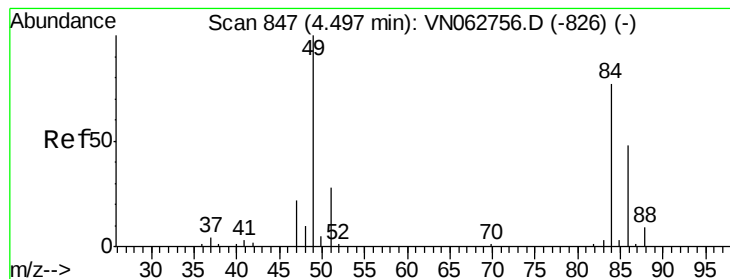
1000

500

0

Time-->





#20

Methvlene Chloride

Concen: 8.891 ug/l

RT: 4.50 min Scan# 847

Delta R.T. 0.00 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

PB130936TB

Tot Ion: 84 Resp: 13450

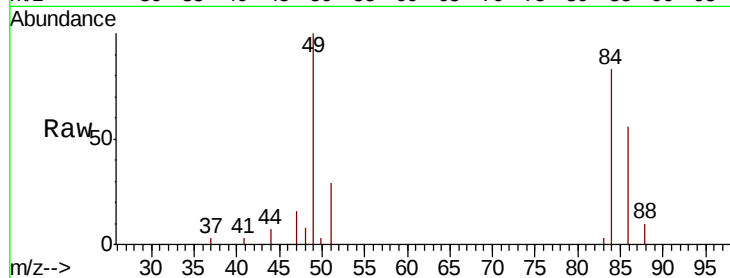
Ion Ratio Lower Upper

84 100

49 120.2 103.4 155.2

51 34.7 29.3 43.9

86 67.0 49.9 74.9

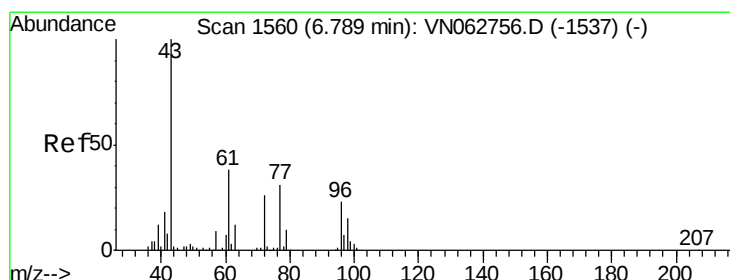
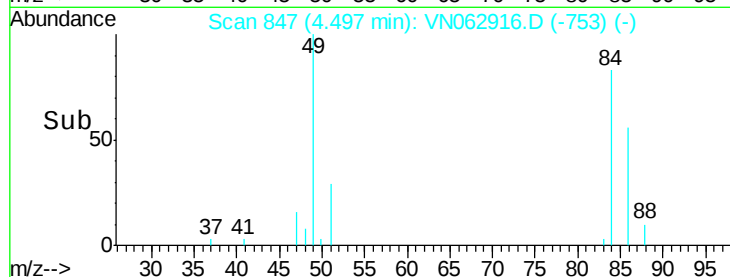
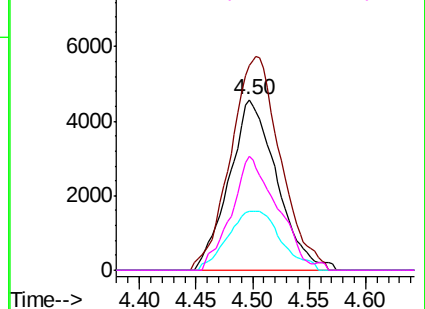


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 3.875 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VN062916.D

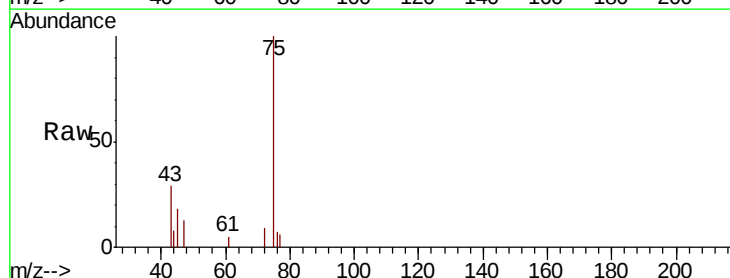
Acq: 13 Aug 2020 17:41

Tgt Ion: 43 Resp: 4239

Ion Ratio Lower Upper

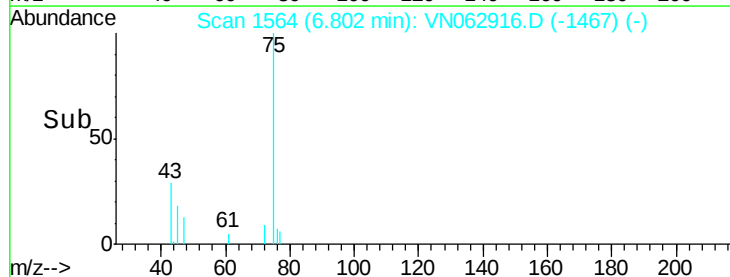
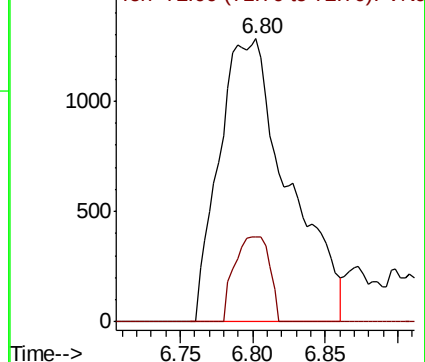
43 100

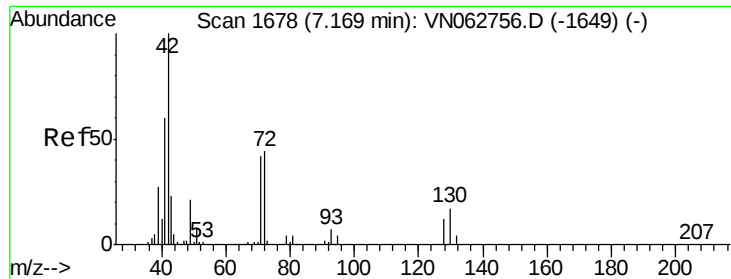
72 30.2 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 1.445 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.01 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

Instrument :

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ClientSampled :

PB130936TB

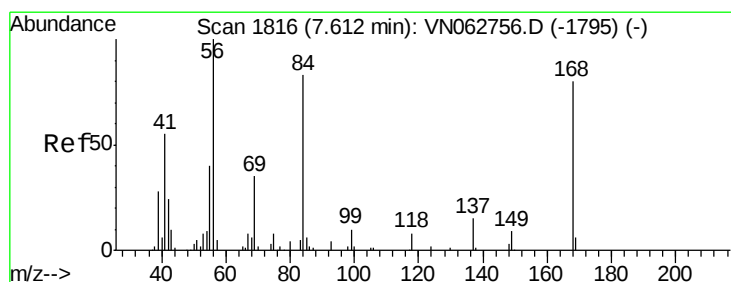
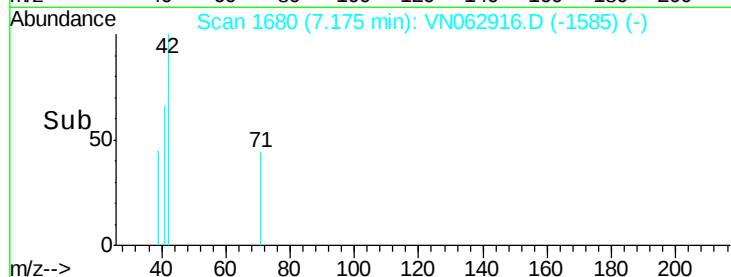
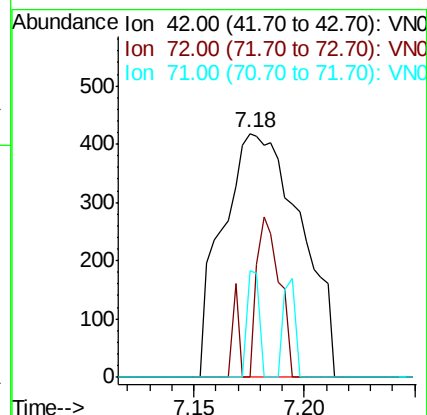
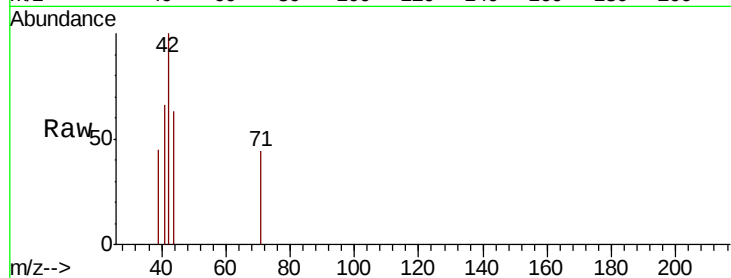
Tot Ion: 42 Resp: 1027

Ion Ratio Lower Upper

42 100

72 19.4 35.0 52.4#

71 6.8 33.2 49.8#



#31

Cyclohexane

Concen: 1.171 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.02 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

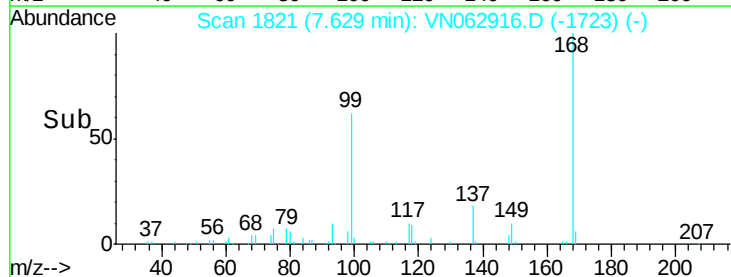
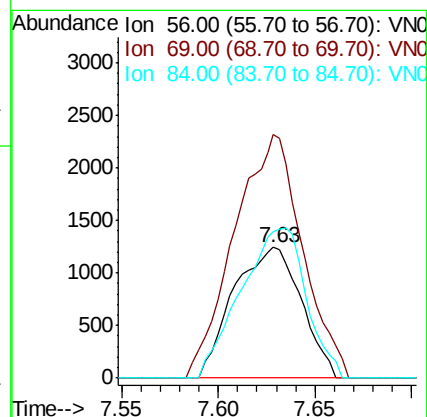
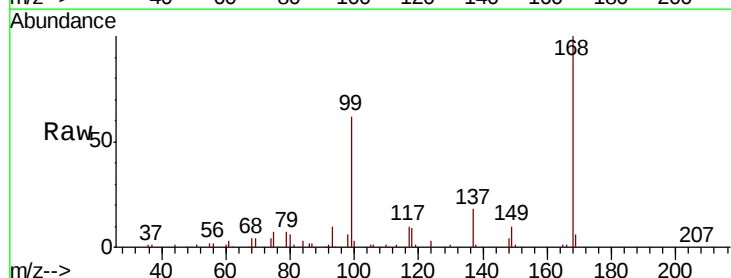
Tgt Ion: 56 Resp: 3034

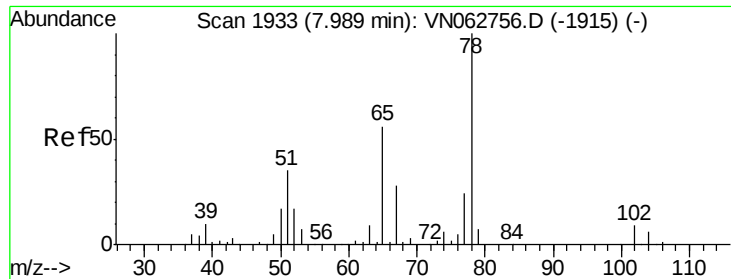
Ion Ratio Lower Upper

56 100

69 173.7 28.1 42.1#

84 112.0 66.8 100.2#





#33

1,2-Dichloroethane-d4

Concen: 50.700 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

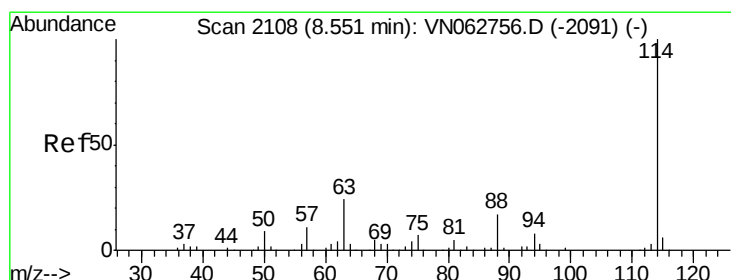
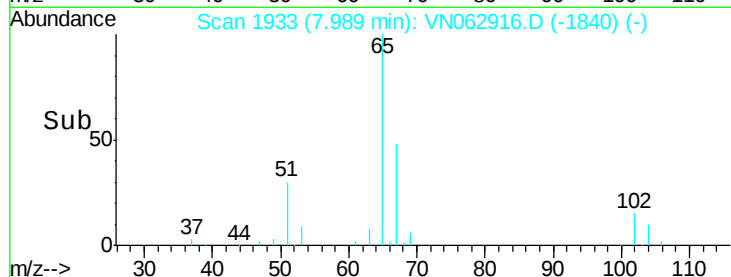
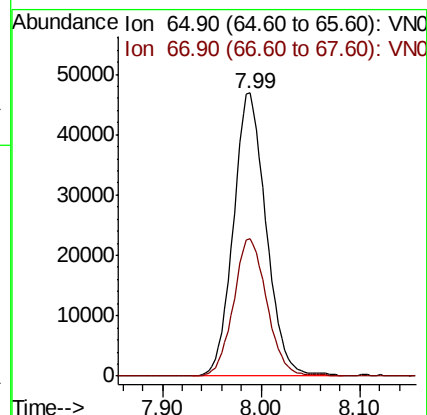
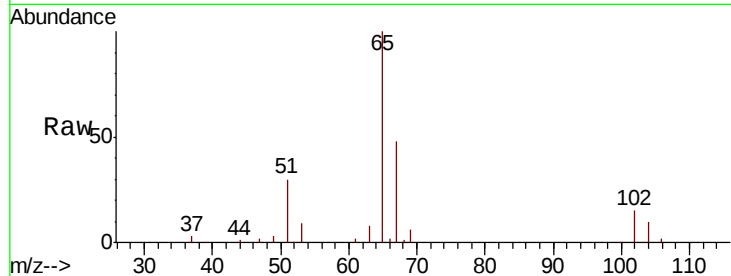
PB130936TB

Tot Ion: 65 Resp: 108362

Ion Ratio Lower Upper

65 100

67 49.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

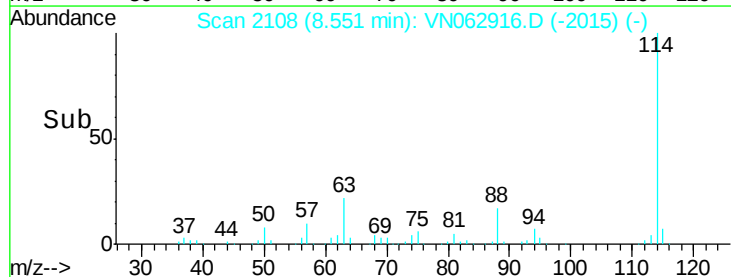
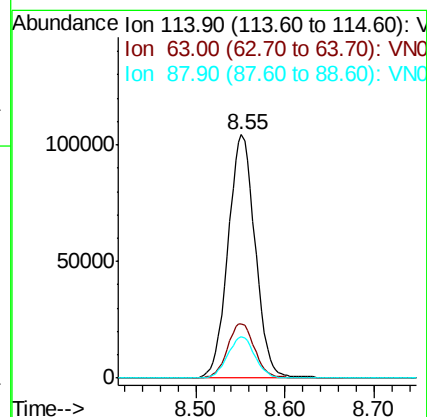
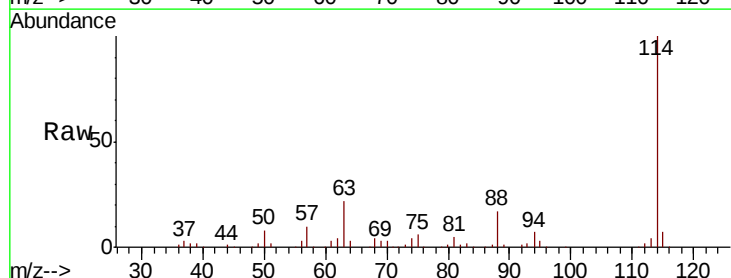
Tgt Ion: 114 Resp: 219478

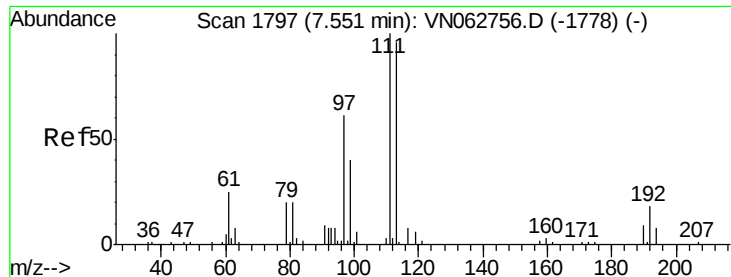
Ion Ratio Lower Upper

114 100

63 22.4 0.0 47.6

88 17.2 0.0 34.4

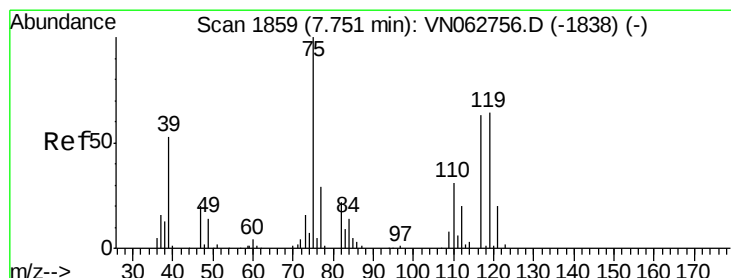
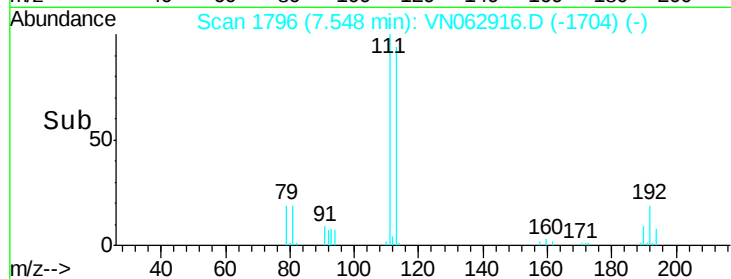
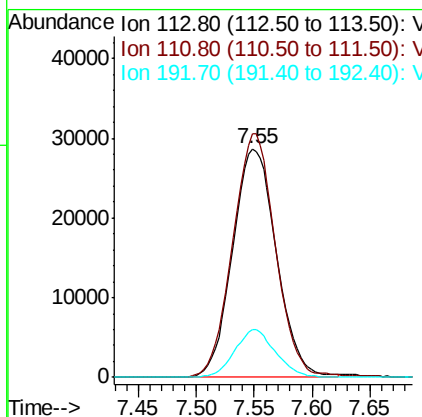
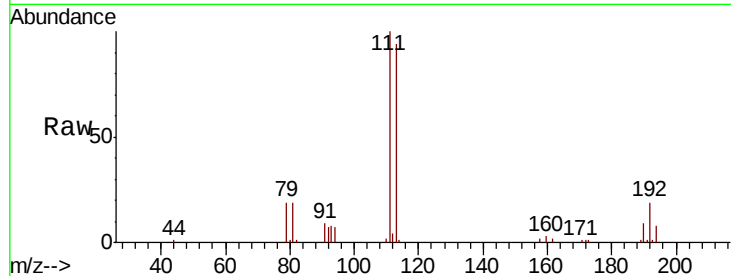




#35
Dibromofluoromethane
Concen: 50.234 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062916.D
Acq: 13 Aug 2020 17:41

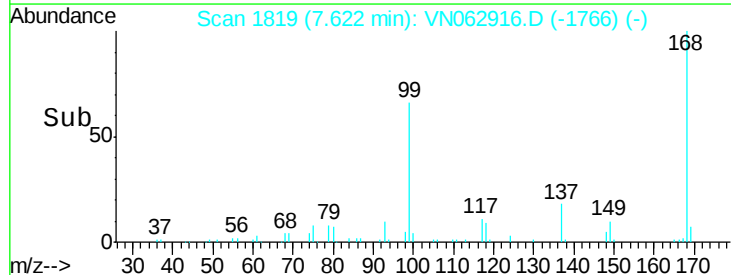
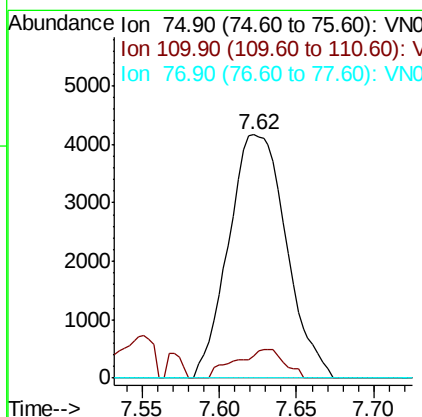
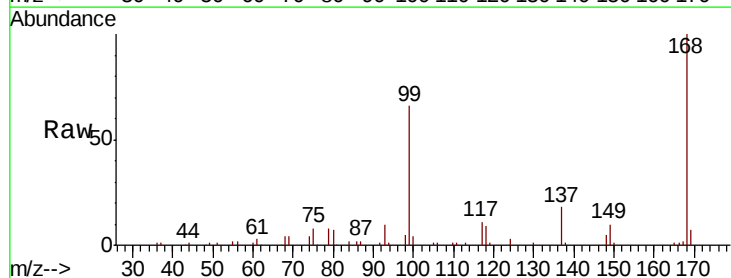
Instrument :
MSVOA_N
ClientSampleId :
PB130936TB

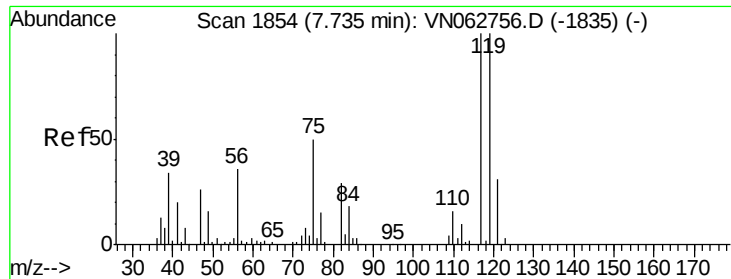
Tot Ion:113 Resp: 75419
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.6
192 19.3 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.041 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. -0.13 min
Lab File: VN062916.D
Acq: 13 Aug 2020 17:41

Tgt Ion: 75 Resp: 10774
Ion Ratio Lower Upper
75 100
110 10.0 15.6 46.7#
77 0.0 24.1 36.1#

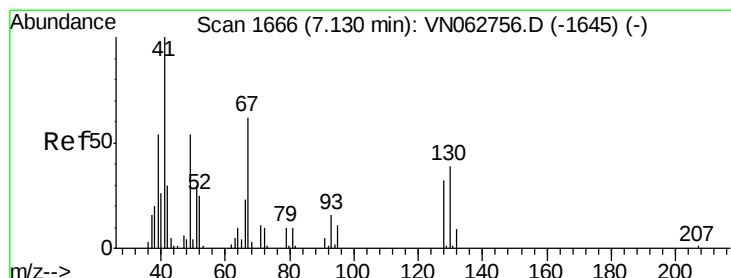
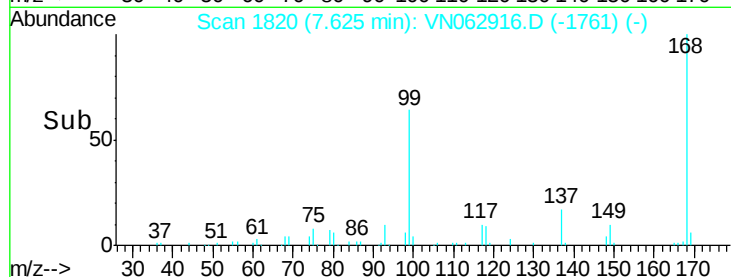
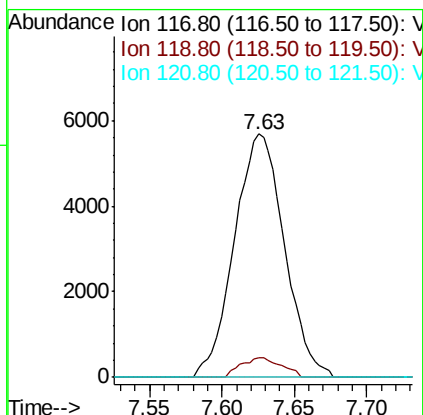
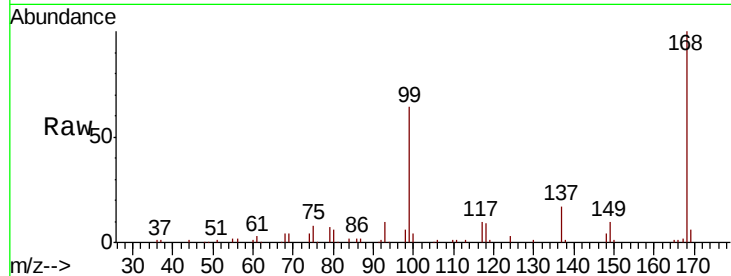




#38
Carbon Tetrachloride
Concen: 5.389 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN062916.D
Acq: 13 Aug 2020 17:41

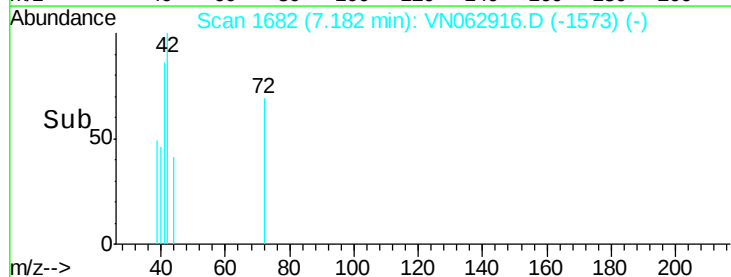
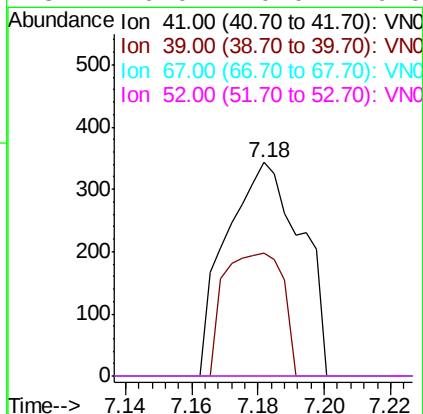
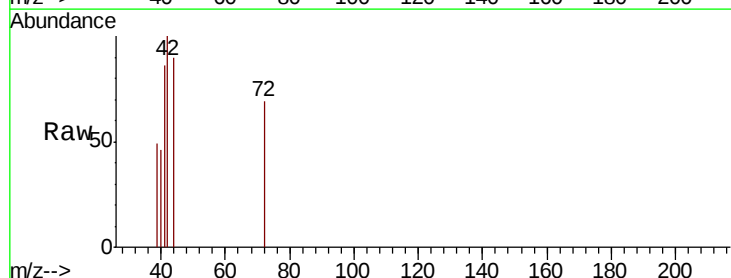
Instrument :
MSVOA_N
ClientSampleId :
PB130936TB

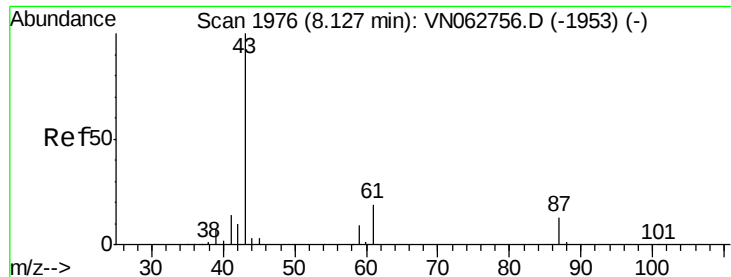
Tot Ion:117 Resp: 13621
Ion Ratio Lower Upper
117 100
119 8.2 79.4 119.2#
121 0.0 24.9 37.3#



#41
Methacrylonitrile
Concen: 0.535 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.05 min
Lab File: VN062916.D
Acq: 13 Aug 2020 17:41

Tgt Ion: 41 Resp: 539
Ion Ratio Lower Upper
41 100
39 45.1 69.4 104.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#43

Isopropyl Acetate

Concen: 10.996 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

PB130936TB

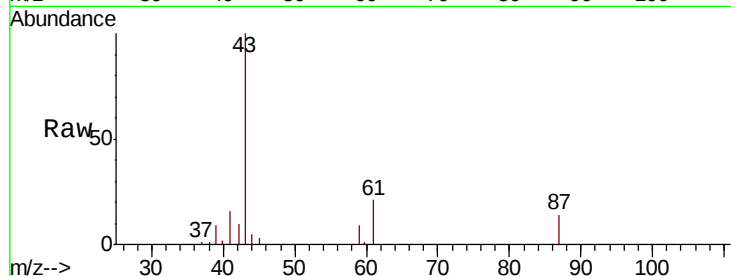
Tot Ion: 43 Resp: 40943

Ion Ratio Lower Upper

43 100

61 20.1 15.8 23.6

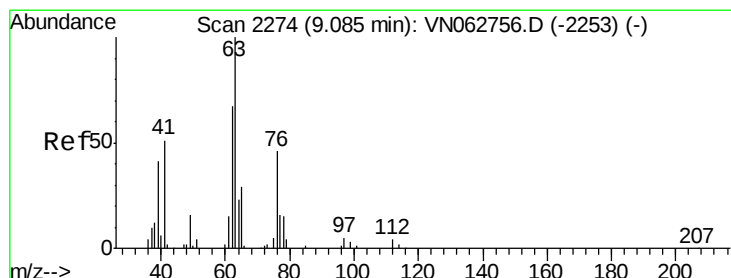
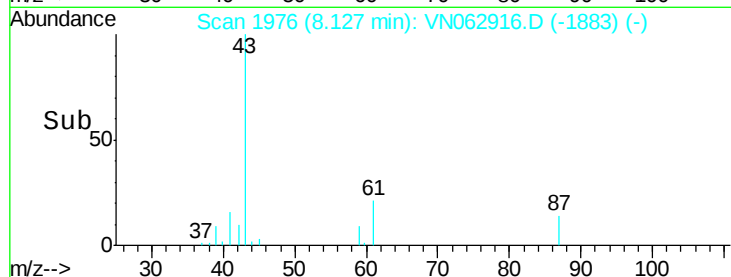
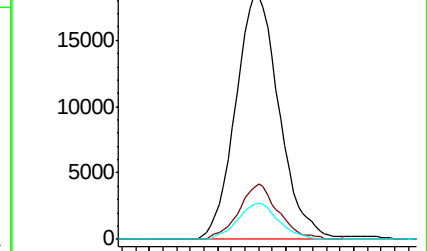
87 13.8 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062916.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062916.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062916.D (-1883) (-)



#45

1,2-Dichloropropane

Concen: 0.527 ug/l

RT: 9.23 min Scan# 2320

Delta R.T. 0.15 min

Lab File: VN062916.D

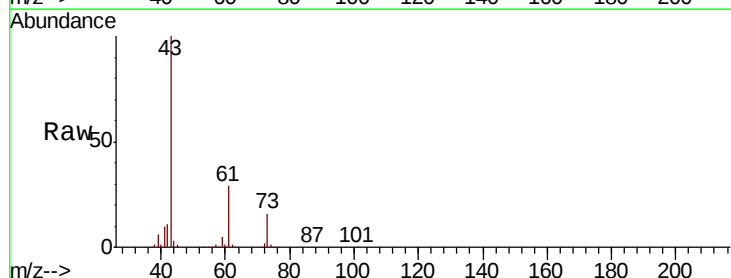
Acq: 13 Aug 2020 17:41

Tgt Ion: 63 Resp: 909

Ion Ratio Lower Upper

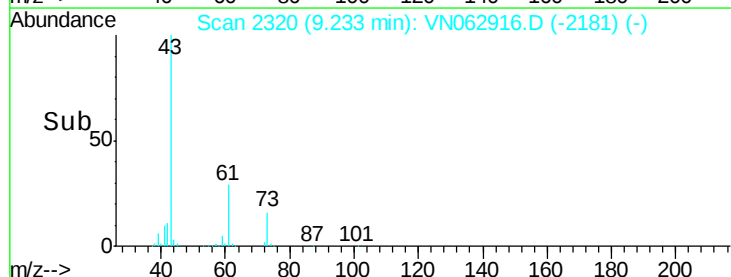
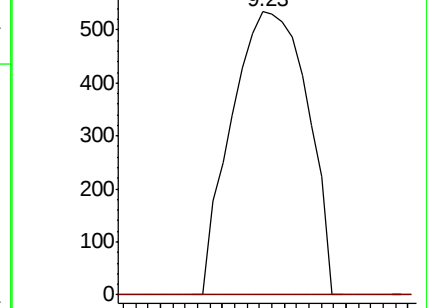
63 100

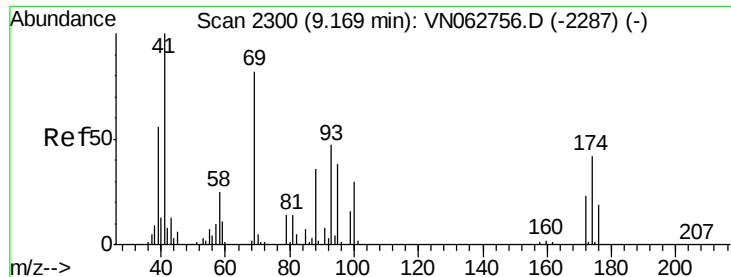
65 0.0 23.5 35.3#



Abundance Ion 62.90 (62.60 to 63.60): VN062916.D (-2181) (-)

Ion 64.90 (64.60 to 65.60): VN062916.D (-2181) (-)

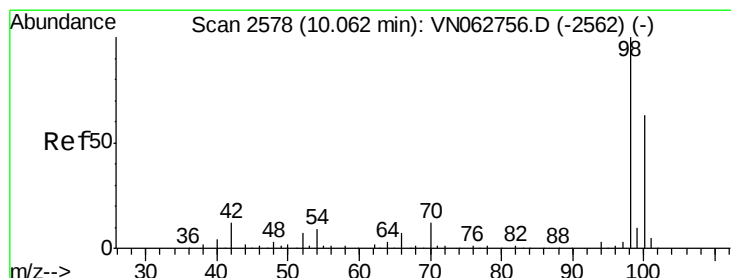
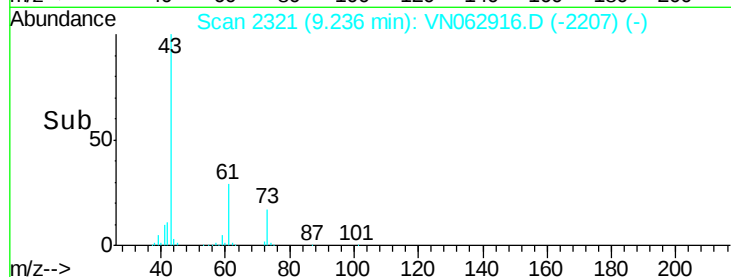
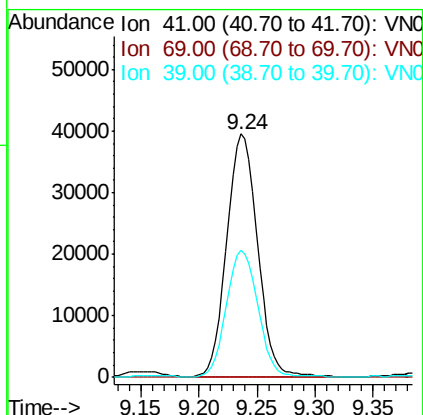
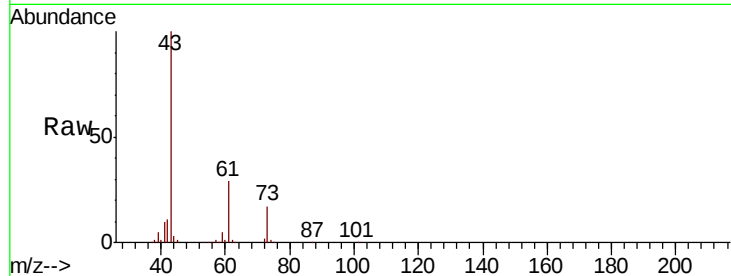




#48
Methvl methacrylate
Concen: 39.863 ug/l
RT: 9.24 min Scan# 2321
Delta R.T. 0.07 min
Lab File: VN062916.D
Acq: 13 Aug 2020 17:41

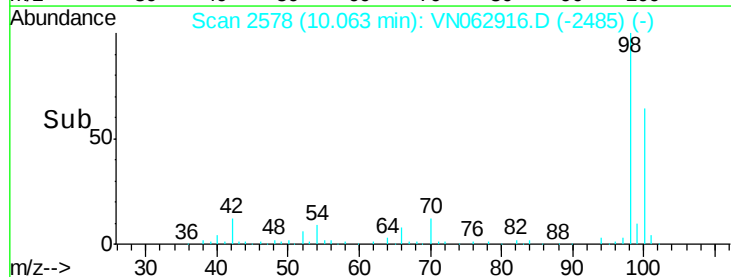
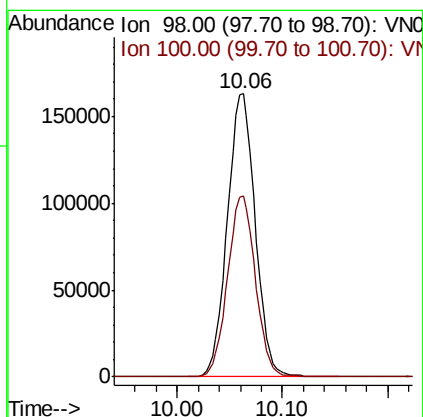
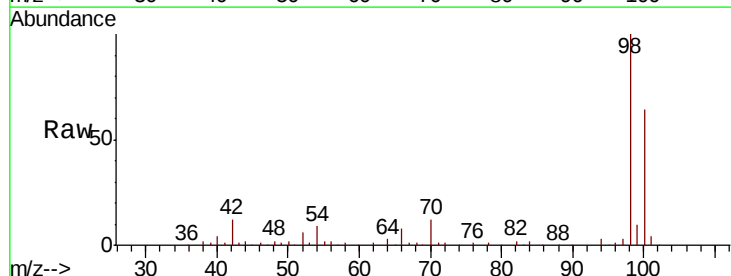
Instrument :
MSVOA_N
ClientSampled :
PB130936TB

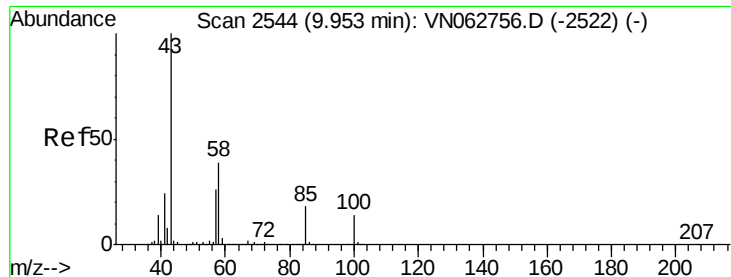
Tot Ion: 41 Resp: 73009
Ion Ratio Lower Upper
41 100
69 0.0 67.4 101.2#
39 53.2 47.6 71.4



#50
Toluene-d8
Concen: 50.843 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN062916.D
Acq: 13 Aug 2020 17:41

Tgt Ion: 98 Resp: 298010
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 2.322 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

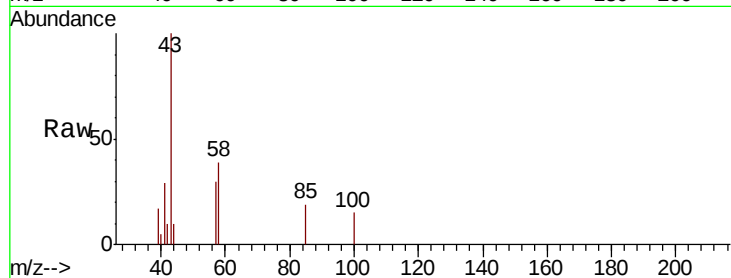
PB130936TB

Tot Ion: 43 Resp: 5593

Ion Ratio Lower Upper

43 100

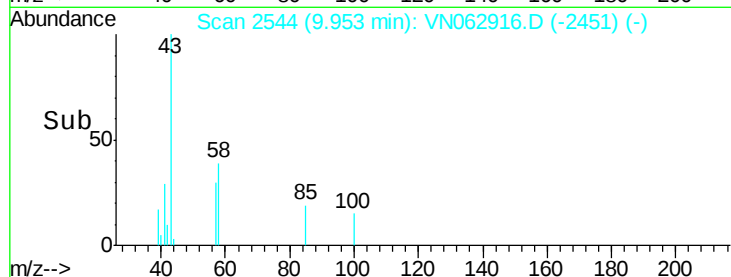
58 44.8 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062756.D (-2522) (-)

Time-->

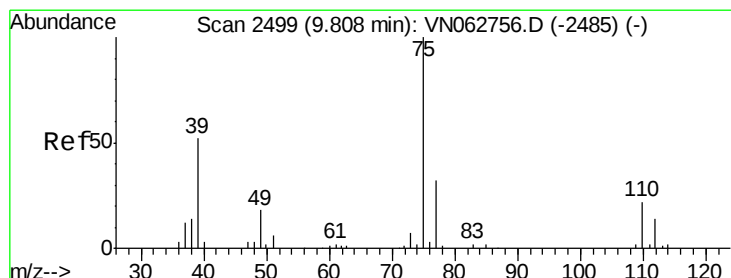


Abundance

Ion 43.00 (42.70 to 43.70): VN062916.D (-2451) (-)

Ion 58.00 (57.70 to 58.70): VN062916.D (-2451) (-)

Time-->



#54

cis-1,3-Dichloropropene

Concen: 6.180 ug/l

RT: 9.88 min Scan# 2520

Delta R.T. 0.07 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

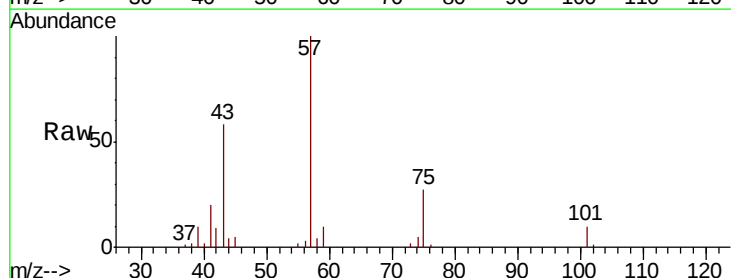
Tgt Ion: 75 Resp: 17335

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#

39 38.5 41.9 62.9#

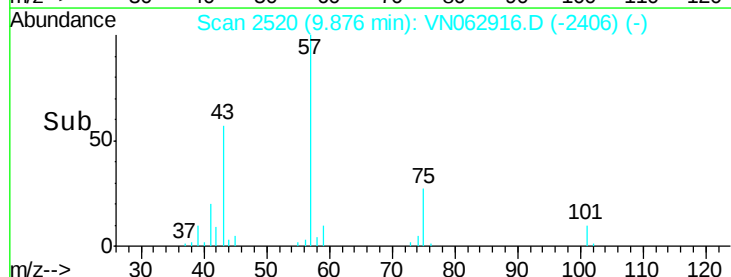


Abundance Ion 74.90 (74.60 to 75.60): VN062756.D (-2485) (-)

Ion 76.90 (76.60 to 77.60): VN062756.D (-2485) (-)

Ion 39.00 (38.70 to 39.70): VN062756.D (-2485) (-)

Time-->



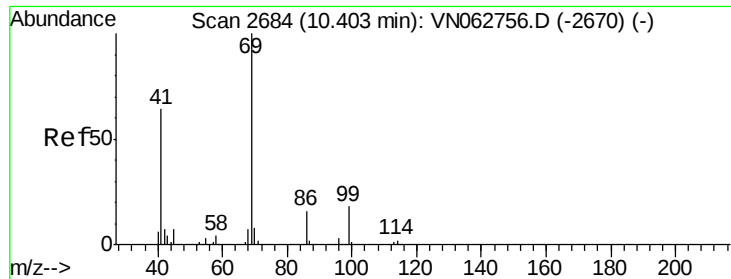
Abundance

Ion 74.90 (74.60 to 75.60): VN062916.D (-2406) (-)

Ion 76.90 (76.60 to 77.60): VN062916.D (-2406) (-)

Ion 39.00 (38.70 to 39.70): VN062916.D (-2406) (-)

Time-->



#56

Ethyl methacrylate

Concen: 0.377 ug/l

RT: 10.51 min Scan# 2718

Delta R.T. 0.11 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

PB130936TB

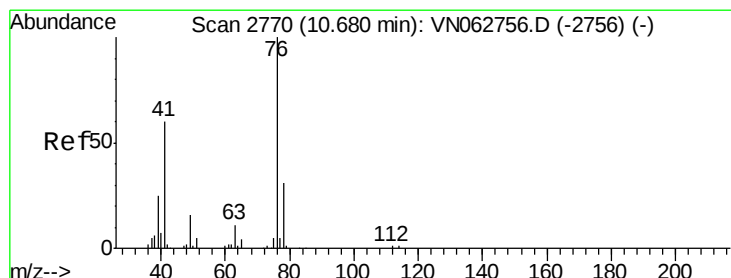
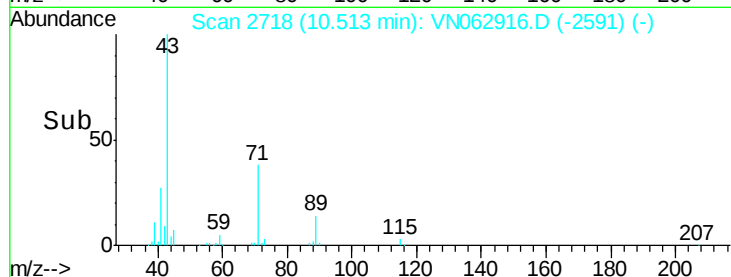
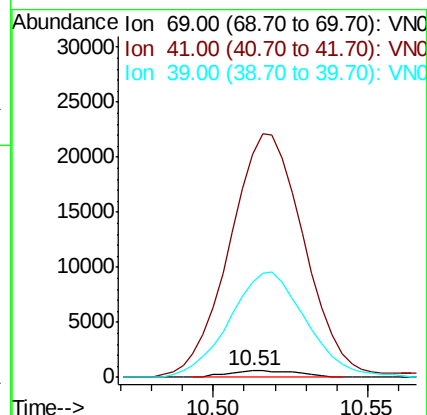
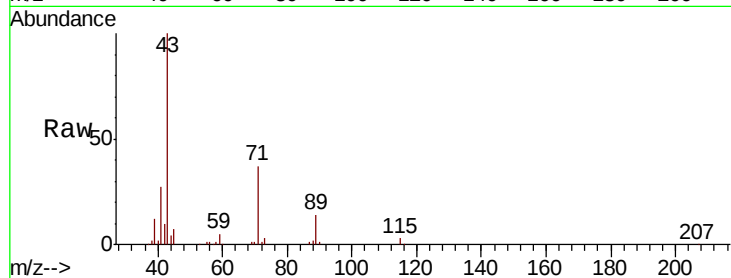
Tot Ion: 69 Resp: 954

Ion Ratio Lower Upper

69 100

41 3904.2 52.2 78.2#

39 1735.2 30.9 46.3#



#57

1,3-Dichloropropane

Concen: 1.171 ug/l

RT: 10.74 min Scan# 2789

Delta R.T. 0.06 min

Lab File: VN062916.D

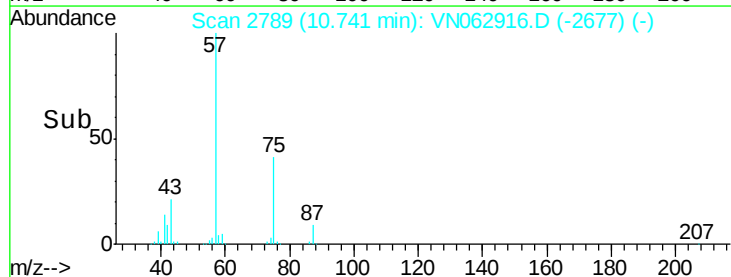
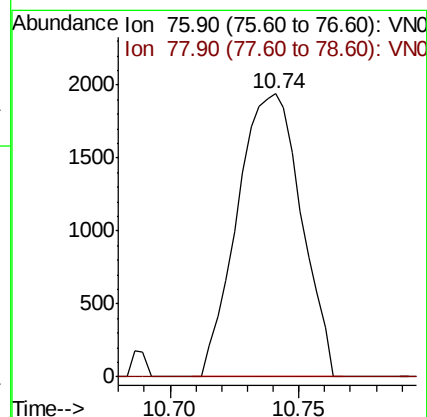
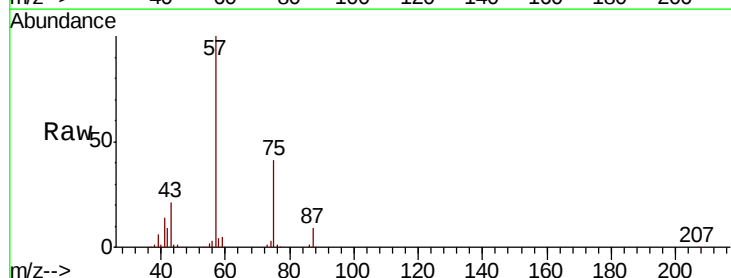
Acq: 13 Aug 2020 17:41

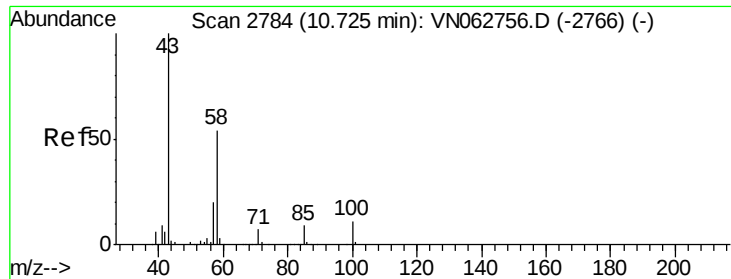
Tgt Ion: 76 Resp: 3347

Ion Ratio Lower Upper

76 100

78 0.0 25.4 38.0#

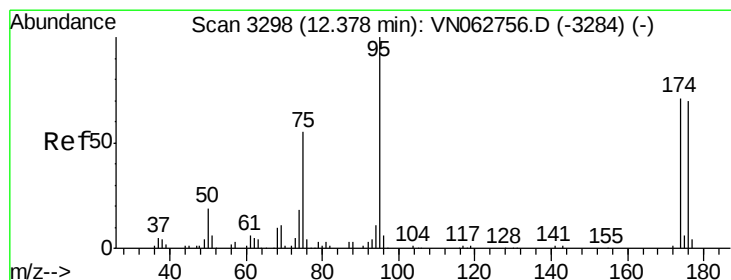
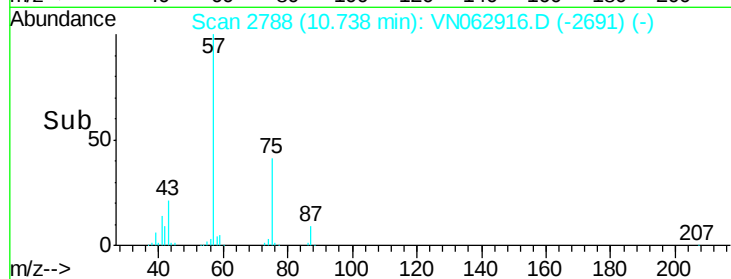
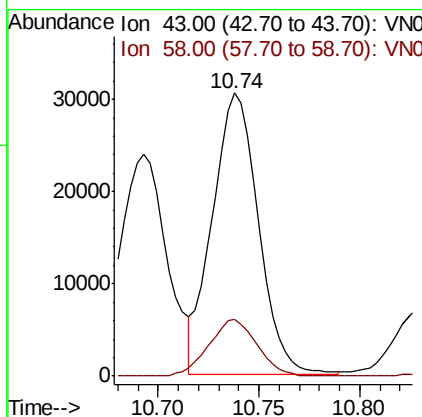
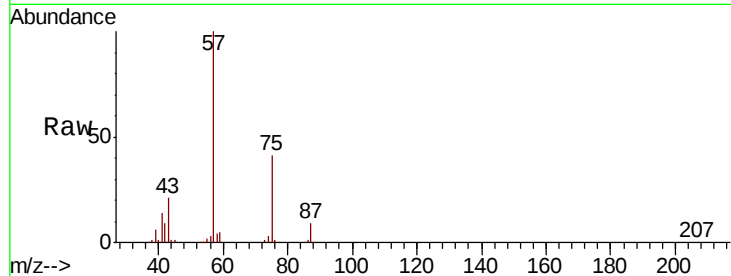




#59
2-Hexanone
Concen: 27.008 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.01 min
Lab File: VN062916.D
Acq: 13 Aug 2020 17:41

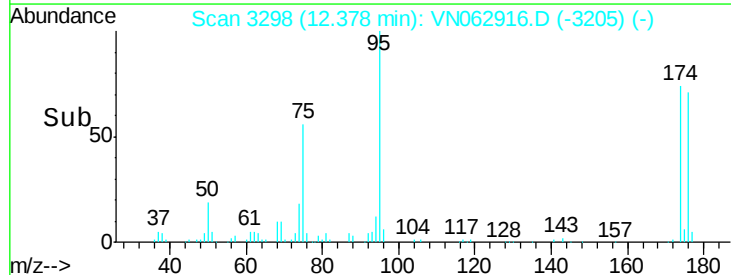
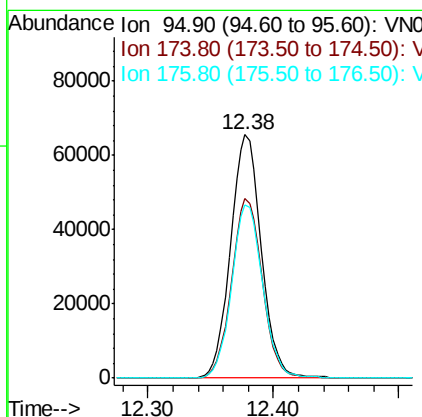
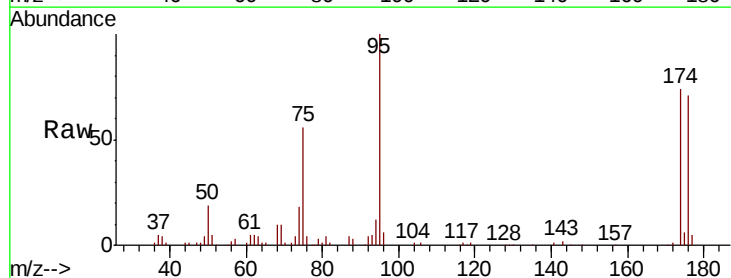
Instrument :
MSVOA_N
ClientSampleId :
PB130936TB

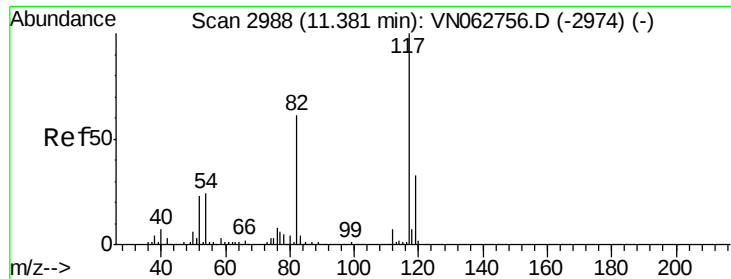
Tot Ion: 43 Resp: 48537
Ion Ratio Lower Upper
43 100
58 20.9 26.7 80.1#



#62
4-Bromofluorobenzene
Concen: 50.332 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062916.D
Acq: 13 Aug 2020 17:41

Tgt Ion: 95 Resp: 111487
Ion Ratio Lower Upper
95 100
174 73.7 0.0 144.8
176 72.0 0.0 142.2

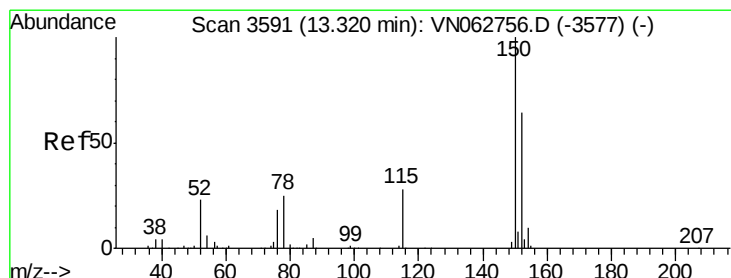
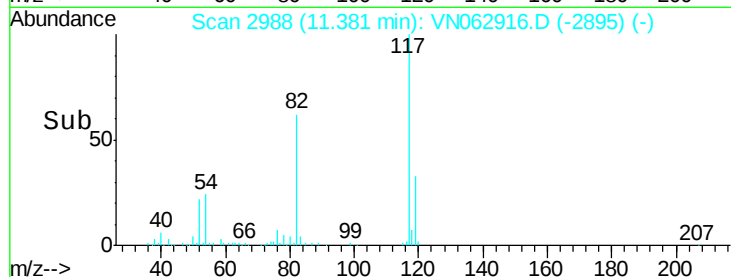
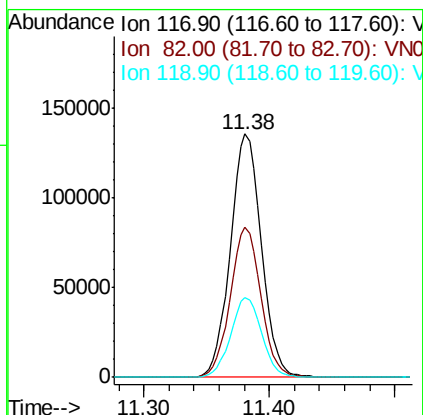
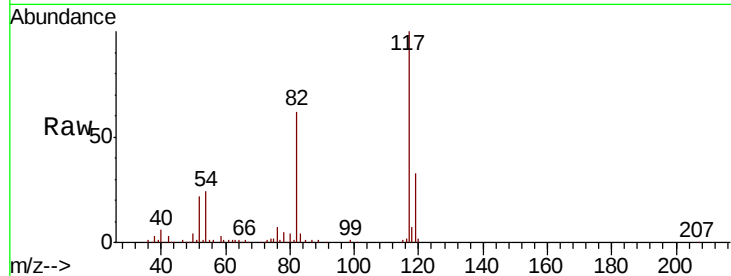




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062916.D
Acq: 13 Aug 2020 17:41

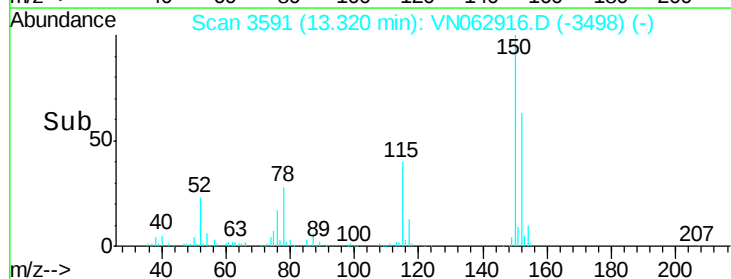
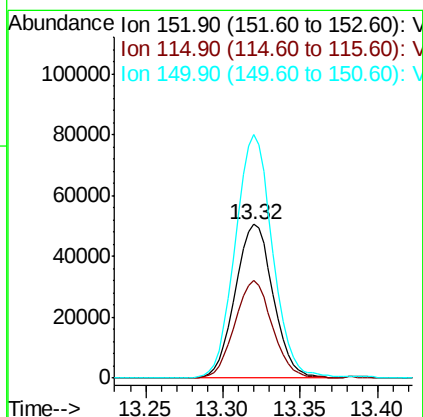
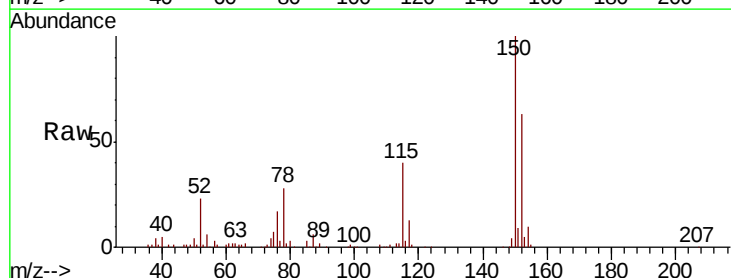
Instrument :
MSVOA_N
ClientSampleId :
PB130936TB

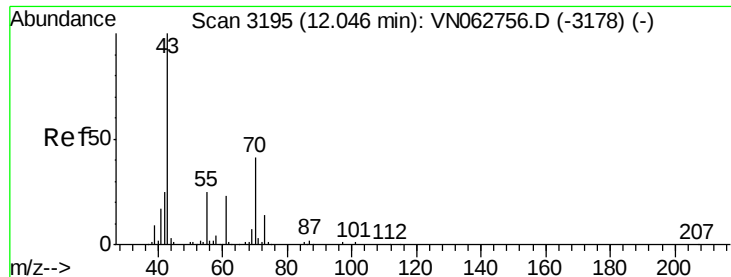
Tot Ion	Ratio	Lower	Upper
117	100		
82	61.5	49.0	73.4
119	33.0	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062916.D
Acq: 13 Aug 2020 17:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.6	94.8
150	156.5	0.0	349.2





#74

N-amvl acetate

Concen: 0.659 ug/l

RT: 12.01 min Scan# 3184

Delta R.T. -0.04 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

PB130936TB

Tot Ion: 43 Resp: 1740

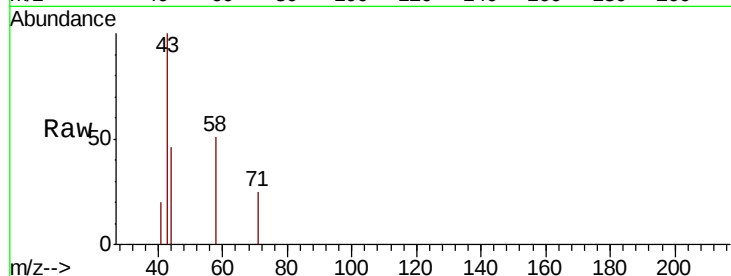
Ion Ratio Lower Upper

43 100

70 0.0 32.3 48.5#

55 4.3 20.2 30.2#

61 0.0 18.2 27.4#

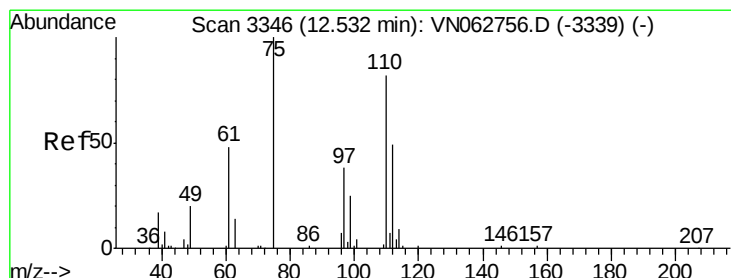
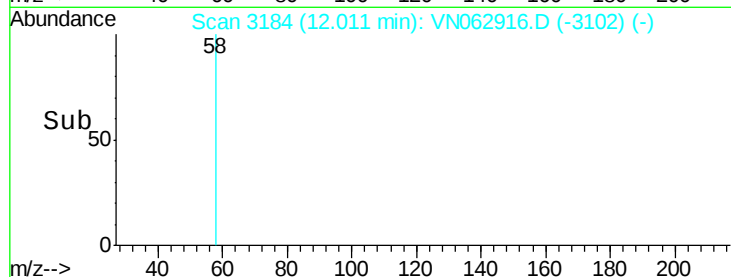
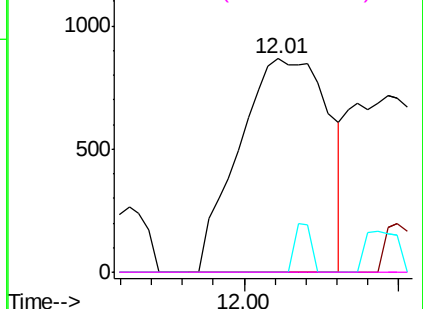


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 26.157 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062916.D

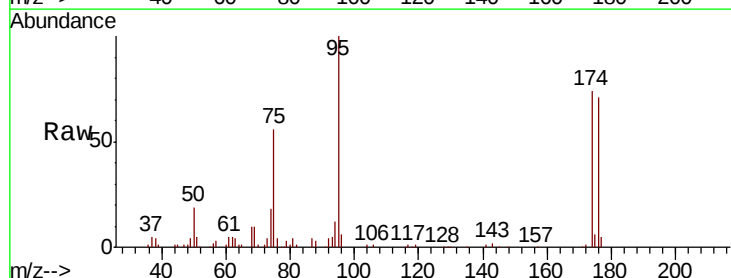
Acq: 13 Aug 2020 17:41

Tgt Ion: 75 Resp: 61015

Ion Ratio Lower Upper

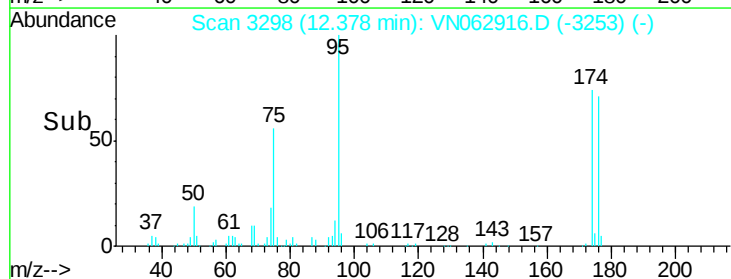
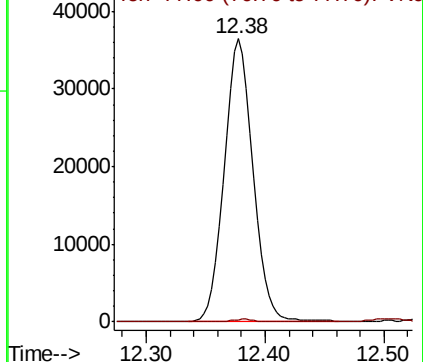
75 100

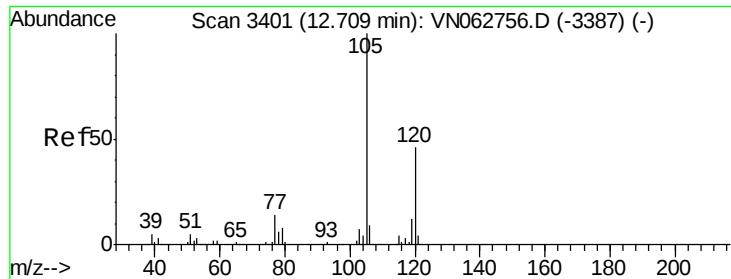
77 0.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

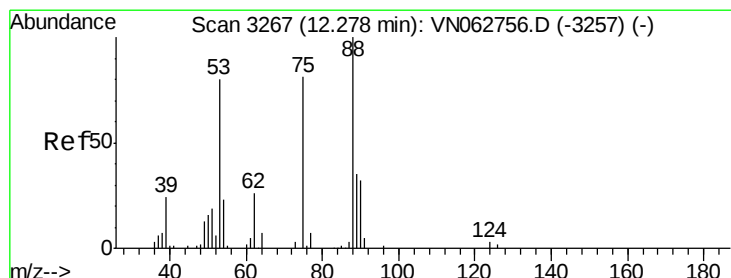
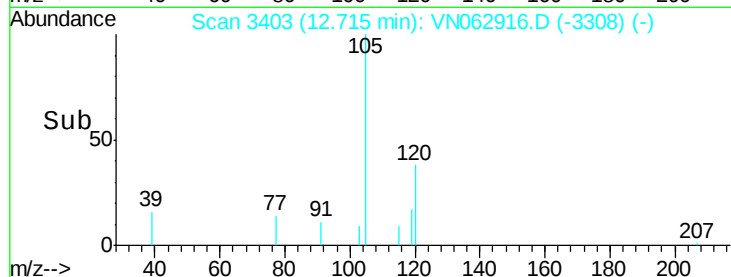
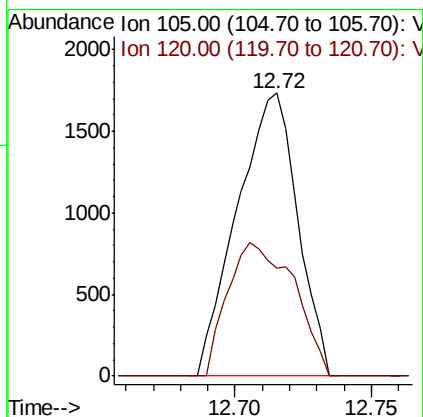
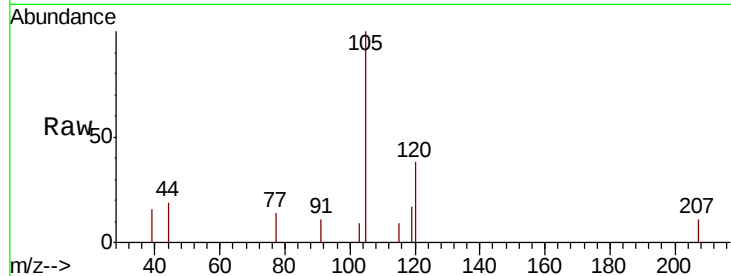




#80
 1,3,5-Trimethylbenzene
 Concen: 0.472 ug/l
 RT: 12.72 min Scan# 3403
 Delta R.T. 0.01 min
 Lab File: VN062916.D
 Acq: 13 Aug 2020 17:41

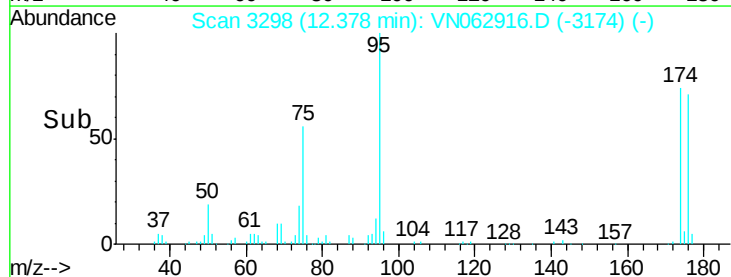
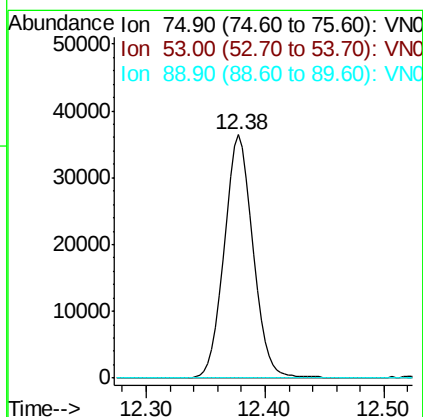
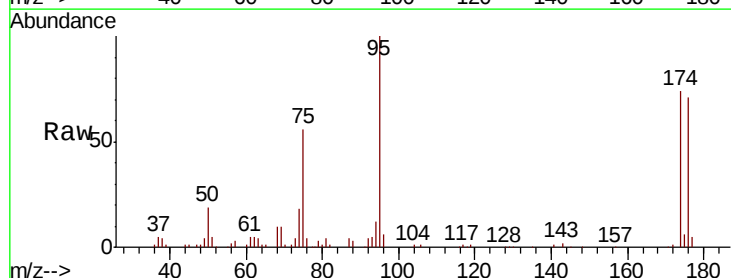
Instrument :
 MSVOA_N
 ClientSampled :
 PB130936TB

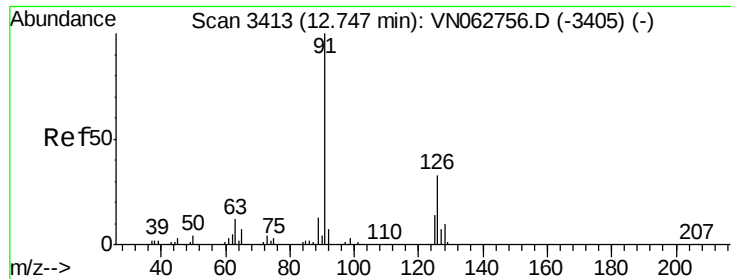
Tot Ion:105 Resp: 2668
 Ion Ratio Lower Upper
 105 100
 120 52.2 22.9 68.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.851 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062916.D
 Acq: 13 Aug 2020 17:41

Tgt Ion: 75 Resp: 61015
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.1 118.7#
 89 0.0 36.2 54.2#





#82

4-Chlorotoluene

Concen: 0.238 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

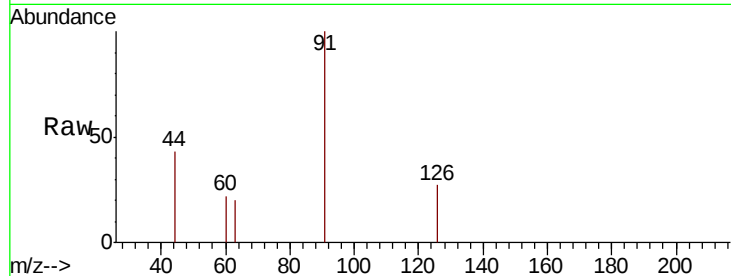
PB130936TB

Tot Ion: 91 Resp: 1174

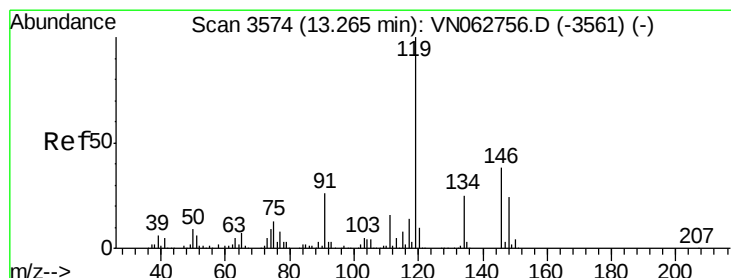
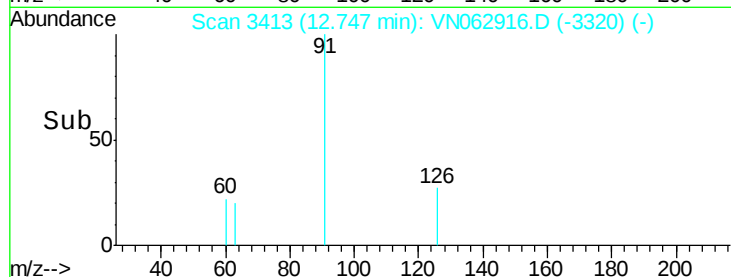
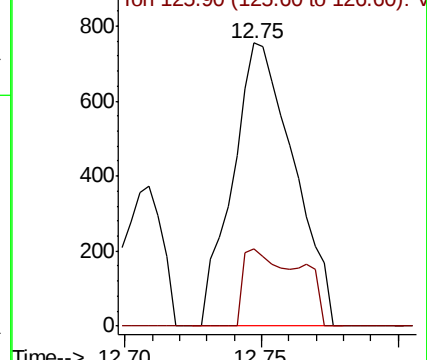
Ion Ratio Lower Upper

91 100

126 17.4 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VN062916.D (-3320) (-)



#86

p-Isopropyltoluene

Concen: 0.268 ug/l

RT: 13.27 min Scan# 3575

Delta R.T. 0.00 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

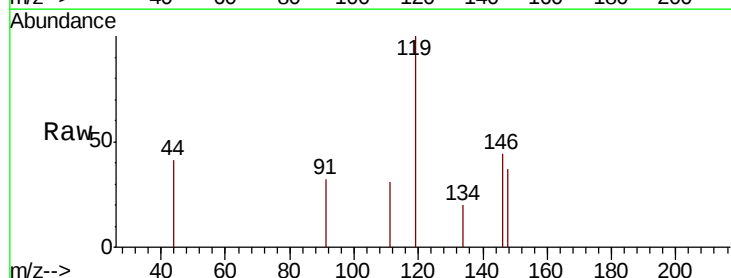
Tgt Ion: 119 Resp: 1493

Ion Ratio Lower Upper

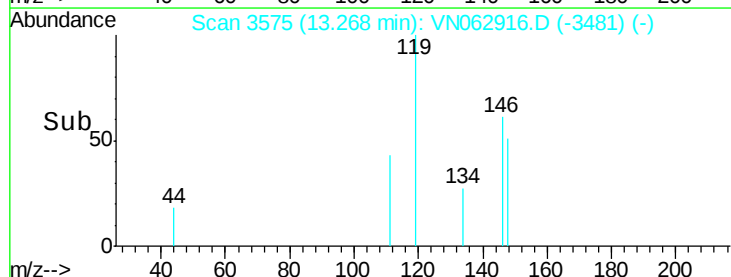
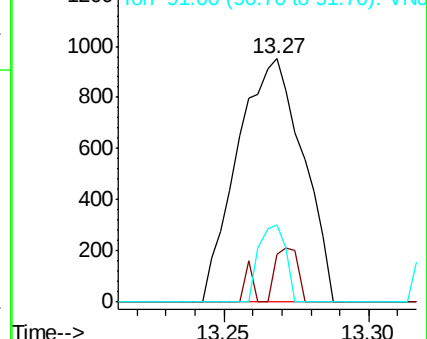
119 100

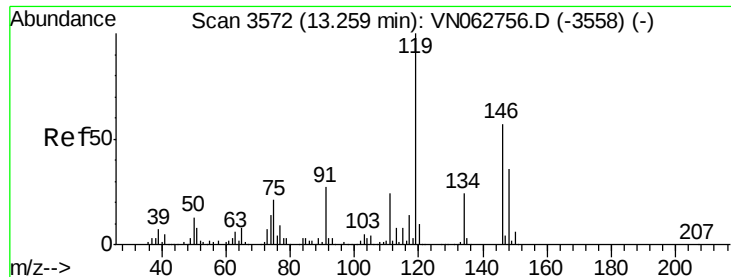
134 7.7 12.6 37.8#

91 13.0 13.4 40.2#



Abundance Ion 119.00 (118.70 to 119.70): VN062916.D (-3481) (-)

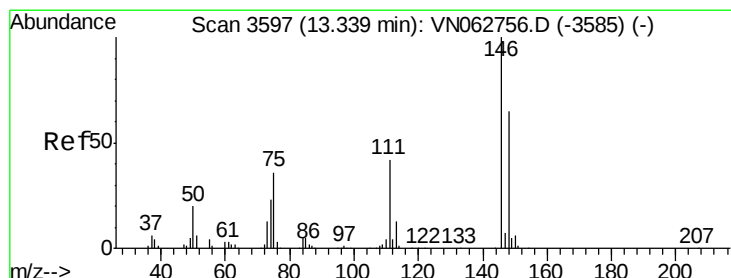
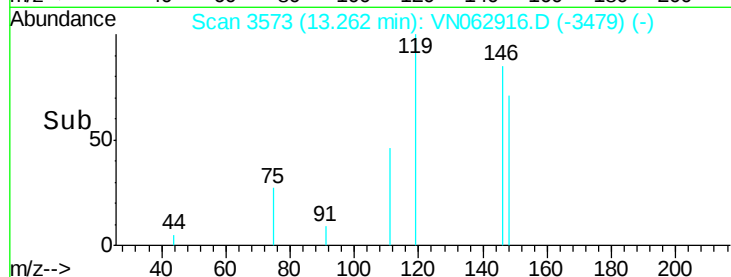
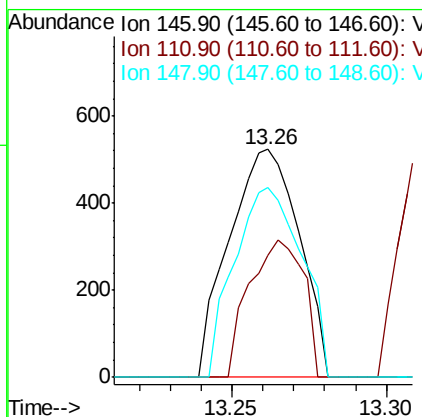
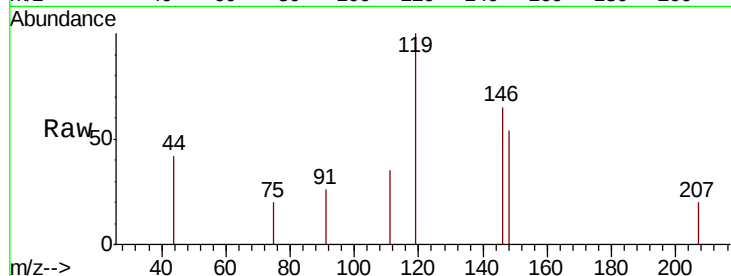




#87
 1,3-Dichlorobenzene
 Concen: 0.285 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. 0.00 min
 Lab File: VN062916.D
 Acq: 13 Aug 2020 17:41

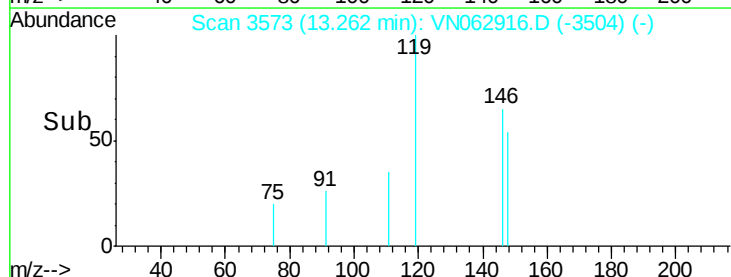
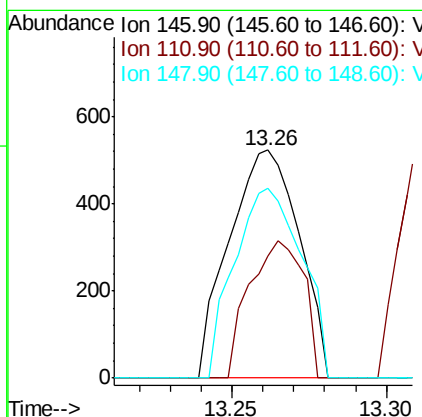
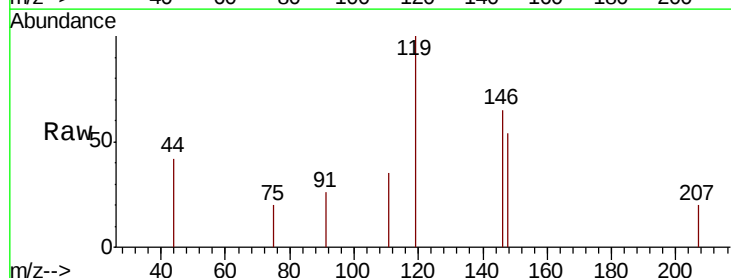
Instrument :
 MSVOA_N
 ClientSampled :
 PB130936TB

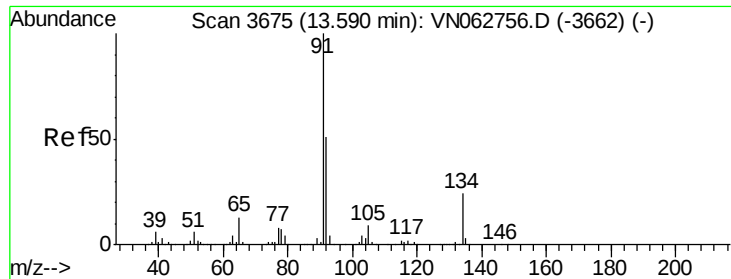
Tot Ion:146 Resp: 824
 Ion Ratio Lower Upper
 146 100
 111 46.7 21.7 65.1
 148 80.5 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 0.284 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.08 min
 Lab File: VN062916.D
 Acq: 13 Aug 2020 17:41

Tgt Ion:146 Resp: 824
 Ion Ratio Lower Upper
 146 100
 111 46.7 21.6 64.6
 148 80.5 32.6 97.8

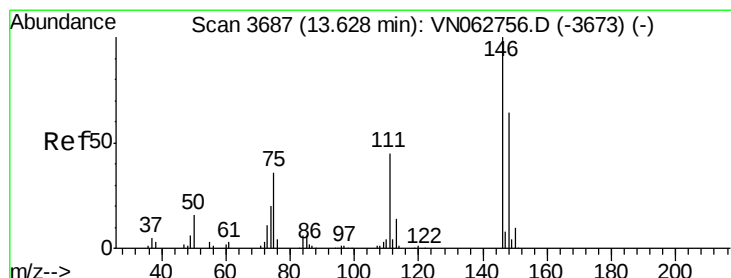
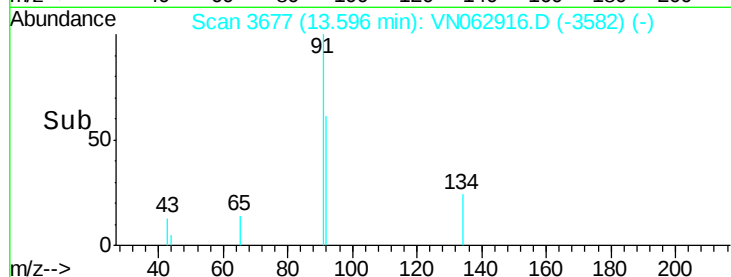
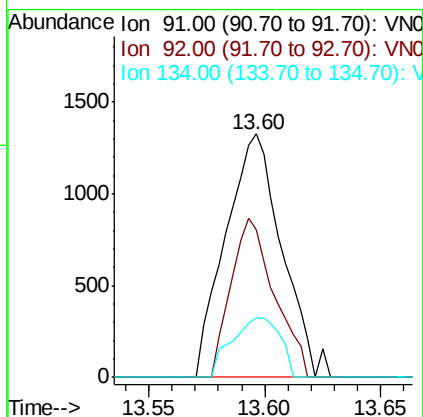
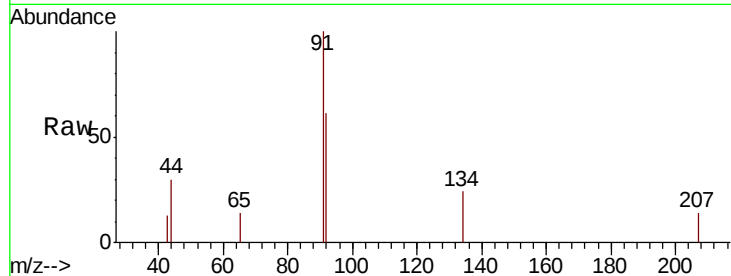




#89
n-Butylbenzene
Concen: 0.474 ug/l
RT: 13.60 min Scan# 3677
Delta R.T. 0.01 min
Lab File: VN062916.D
Acq: 13 Aug 2020 17:41

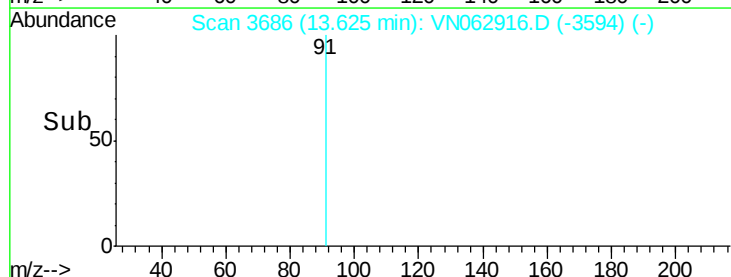
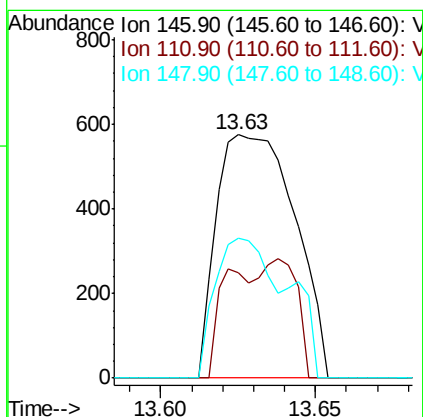
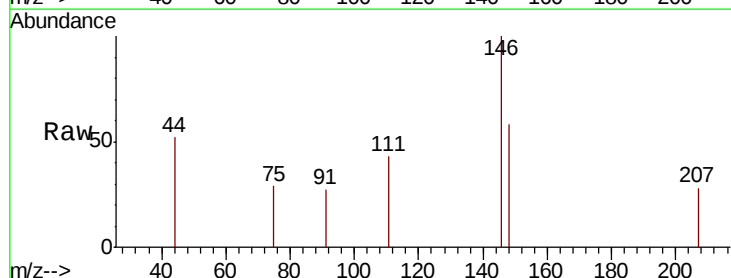
Instrument :
MSVOA_N
ClientSampled :
PB130936TB

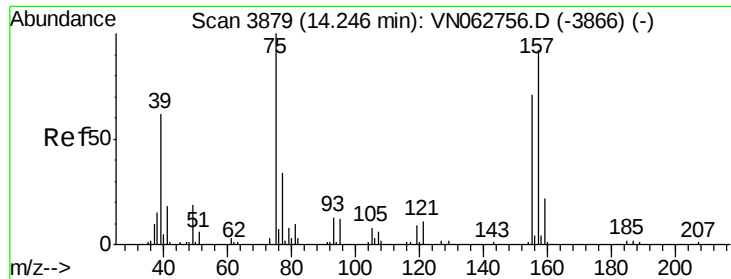
Tot Ion: 91 Resp: 2234
Ion Ratio Lower Upper
91 100
92 50.4 25.7 77.0
134 21.1 12.2 36.6



#91
1,2-Dichlorobenzene
Concen: 0.373 ug/l
RT: 13.63 min Scan# 3686
Delta R.T. -0.00 min
Lab File: VN062916.D
Acq: 13 Aug 2020 17:41

Tgt Ion: 146 Resp: 1012
Ion Ratio Lower Upper
146 100
111 18.0 22.8 68.4#
148 53.0 31.9 95.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.217 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. 0.00 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

PB130936TB

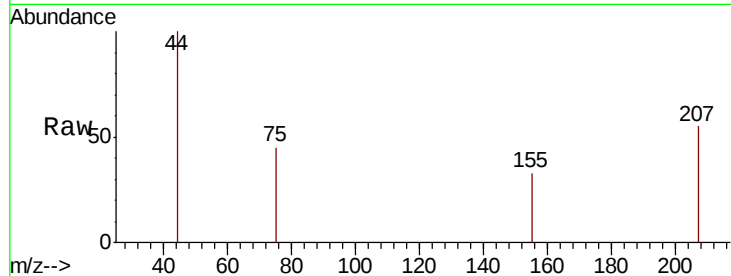
Tot Ion: 75 Resp: 107

Ion Ratio Lower Upper

75 100

155 58.9 35.0 105.1

157 57.0 43.2 129.6



Abundance Ion 74.90 (74.60 to 75.60): VN062756.D (-3866) (-)

Ion 154.80 (154.50 to 155.50): VN062756.D (-3866) (-)

Ion 156.80 (156.50 to 157.50): VN062756.D (-3866) (-)

14.25

200

150

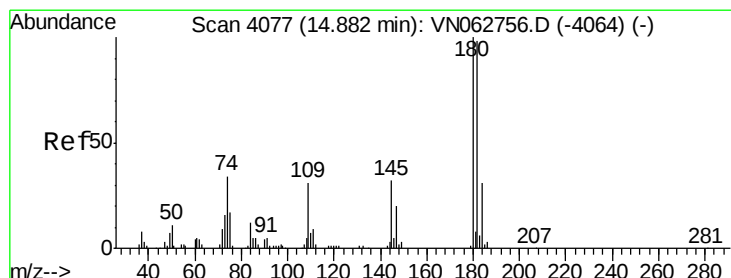
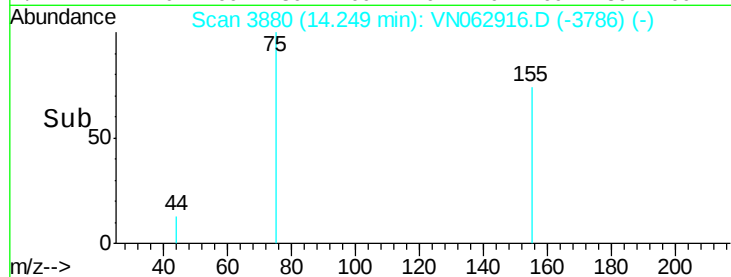
100

50

0

14.23 14.24 14.25 14.26

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 4.611 ug/l

RT: 14.89 min Scan# 4078

Delta R.T. 0.00 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

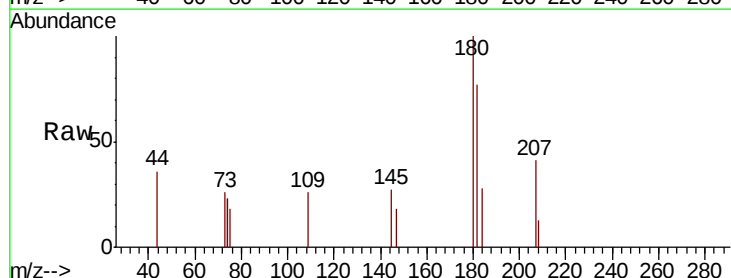
Tgt Ion: 180 Resp: 2010

Ion Ratio Lower Upper

180 100

182 85.3 49.1 147.4

145 26.7 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): VN062756.D (-4064) (-)

Ion 181.80 (181.50 to 182.50): VN062756.D (-4064) (-)

Ion 144.80 (144.50 to 145.50): VN062756.D (-4064) (-)

14.89

1500

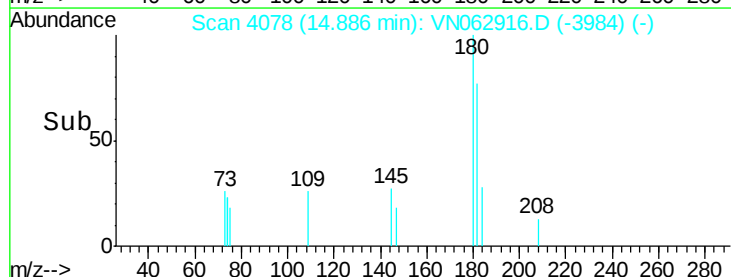
1000

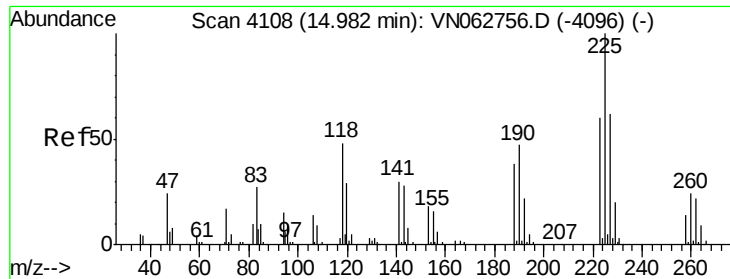
500

0

14.85 14.90

Time-->





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 14.98 min Scan# 4107

Delta R.T. -0.00 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

PB130936TB

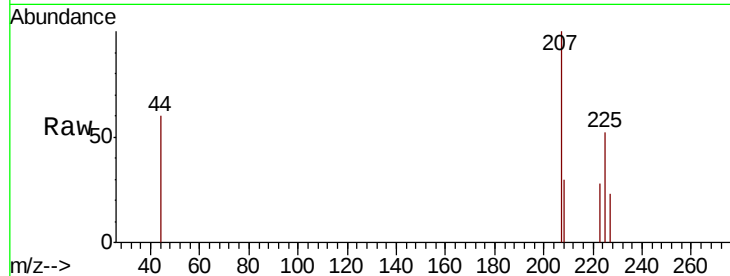
Tot Ion:225 Resp: 388

Ion Ratio Lower Upper

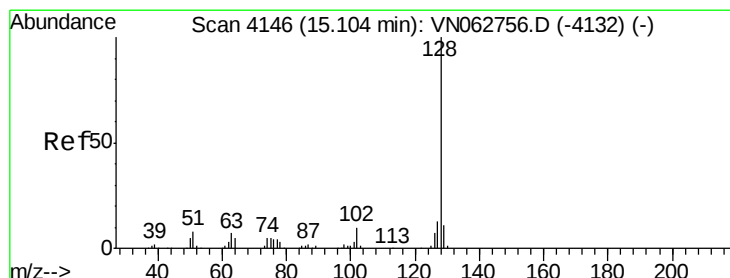
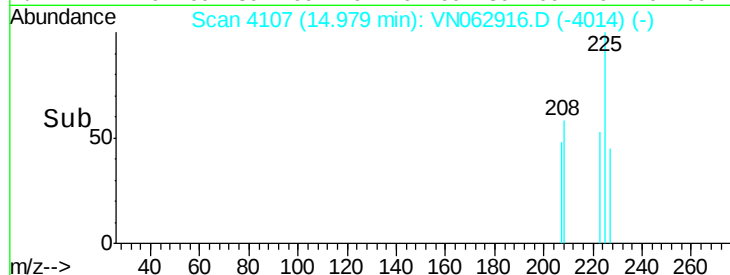
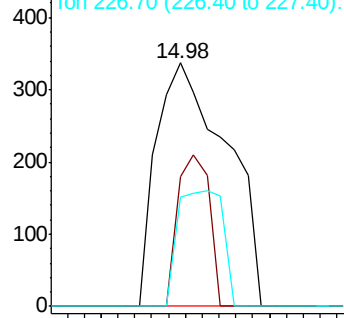
225 100

223 28.4 30.6 92.0#

227 30.9 31.6 95.0#



Abundance Ion 224.70 (224.40 to 225.40): V



#95

Naphthalene

Concen: 5.684 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

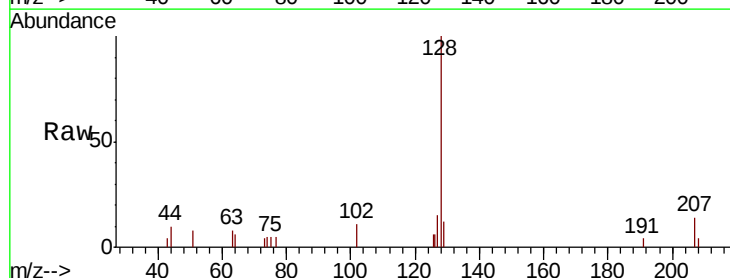
Tgt Ion:128 Resp: 8484

Ion Ratio Lower Upper

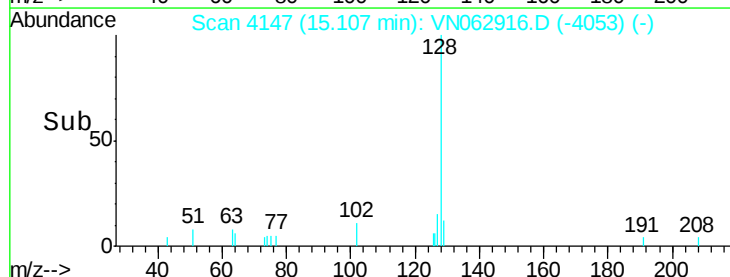
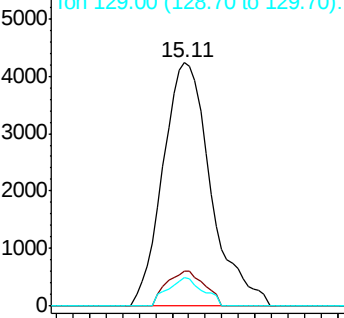
128 100

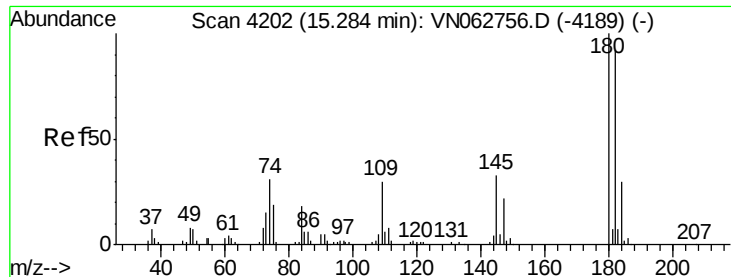
127 11.4 10.8 16.2

129 8.6 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 4.403 ug/l
 RT: 15.28 min Scan# 4202
 Delta R.T. 0.00 min
 Lab File: VN062916.D
 Acq: 13 Aug 2020 17:41

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130936TB

Tot Ion:180 Resp: 2524
 Ion Ratio Lower Upper
 180 100
 182 87.8 47.9 143.6
 145 26.9 17.3 51.7

