

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062486.D
 Acq On : 10 Jul 2020 12:18
 Operator : JC/MD
 Sample : L3216-09 .2PPB MDL
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 11 03:19:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	242019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	415649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	366228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139082	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	192814	51.80	ug/l	0.00
Spiked Amount			Recovery	=	103.60%	
35) Dibromofluoromethane	7.54	113	135833	52.87	ug/l	0.00
Spiked Amount			Recovery	=	105.74%	
50) Toluene-d8	10.06	98	513669	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.37	95	171607	46.30	ug/l	0.00
Spiked Amount			Recovery	=	92.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	520	0.211	ug/l	97
3) Chloromethane	2.03	50	984	0.249	ug/l	92
4) Vinyl Chloride	2.16	62	714	0.220	ug/l	93
5) Bromomethane	2.54	94	428	0.246	ug/l #	15
11) Tert butyl alcohol	4.69	59	268	0.434	ug/l #	74
13) Acrolein	3.57	56	299	0.671	ug/l #	57
14) Allyl chloride	4.28	41	1303	0.223	ug/l #	66
15) Acrylonitrile	4.94	53	782	0.483	ug/l #	64
16) Acetone	3.79	43	3039	1.923	ug/l #	87
17) Carbon Disulfide	4.01	76	2595	0.333	ug/l #	75
18) Methyl Acetate	4.28	43	1604	0.407	ug/l #	56
20) Methylene Chloride	4.50	84	1320	0.391	ug/l #	82
21) trans-1,2-Dichloroethene	4.97	96	685	0.255	ug/l #	26
23) Vinyl Acetate	5.85	43	8214	0.859	ug/l	98
25) 2-Butanone	6.78	43	721	0.312	ug/l #	53
27) cis-1,2-Dichloroethene	6.79	96	702	0.225	ug/l	75
29) Tetrahydrofuran	7.18	42	1440	0.927	ug/l #	65
31) Cyclohexane	7.62	56	6612	1.169	ug/l #	1
32) 1,1,1-Trichloroethane	7.53	97	904	0.202	ug/l #	23
36) 1,1-Dichloropropene	7.62	75	21391	5.108	ug/l #	52
38) Carbon Tetrachloride	7.62	117	24407	6.483	ug/l #	17
44) Trichloroethene	8.80	130	571	0.209	ug/l	92
45) 1,2-Dichloropropane	9.08	63	717	0.200	ug/l #	44
51) 4-Methyl-2-Pentanone	9.95	43	4282	0.927	ug/l	92
52) Toluene	10.13	92	1475	0.207	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	1152	0.216	ug/l #	87
58) 2-Chloroethyl Vinyl ether	9.67	63	1102	0.663	ug/l #	66
59) 2-Hexanone	10.73	43	3250	0.969	ug/l	81
65) Chlorobenzene	11.40	112	1503	0.211	ug/l	96
67) Ethyl Benzene	11.48	91	2743	0.205	ug/l	100
68) m/p-Xylenes	11.60	106	1724	0.365	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	871	0.241	ug/l #	79
76) 1,2,3-Trichloropropane	12.38	75	89880	26.338	ug/l #	100
77) Bromobenzene	12.50	156	528	0.216	ug/l	90

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ClientSampleId :

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 2020
Response via : Initial Calibration

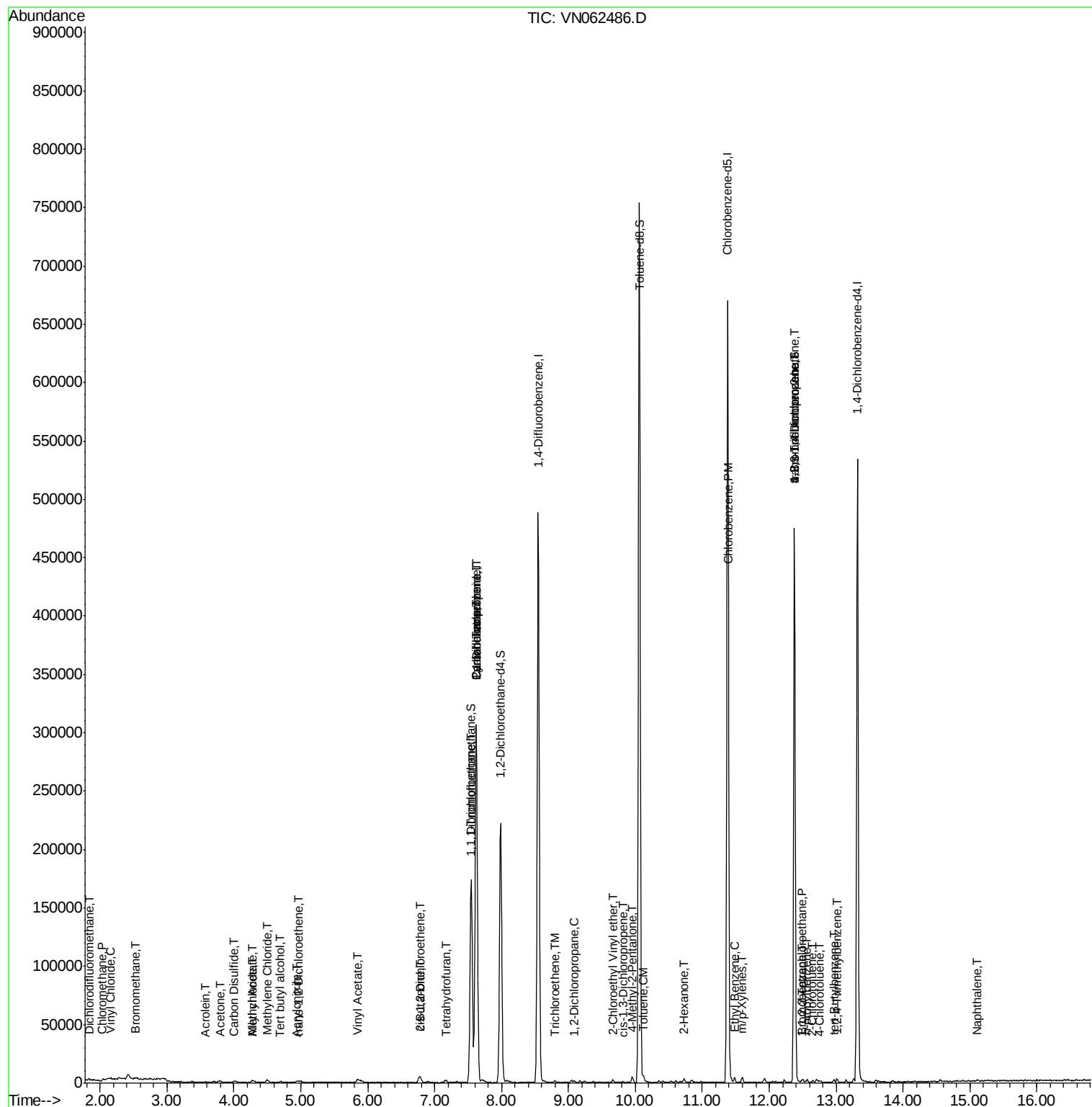
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	12.56	91	2626	0.209	ug/l	86
79) 2-Chlorotoluene	12.65	91	1813	0.238	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.38	75	89880	70.495	ug/l #	10
82) 4-Chlorotoluene	12.75	91	1725	0.223	ug/l	92
83) tert-Butylbenzene	12.97	119	1672	0.223	ug/l	87
84) 1,2,4-Trimethylbenzene	13.01	105	1822	0.208	ug/l	89
95) Naphthalene	15.11	128	1491	0.287	ug/l #	70

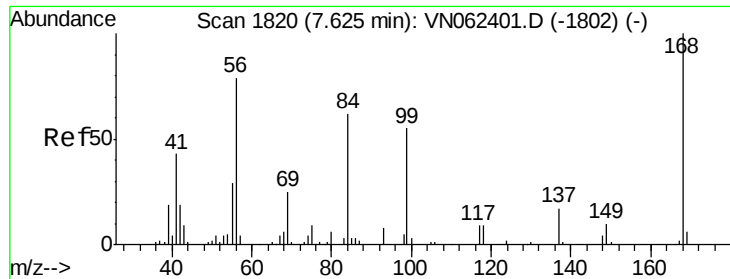
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071020\
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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: VN062486.D

Acq: 10 Jul 2020 12:18

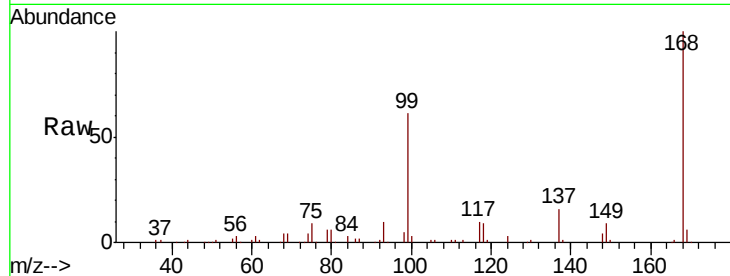
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 242019

Ion Ratio Lower Upper

168 100

99 61.3 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

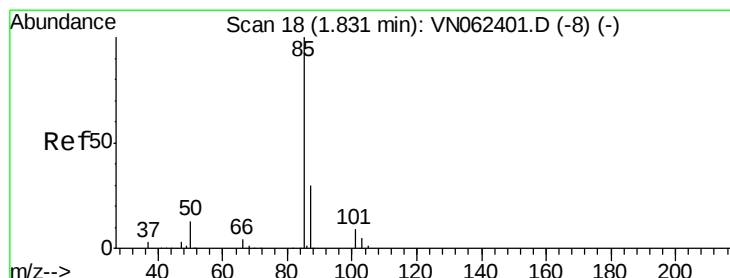
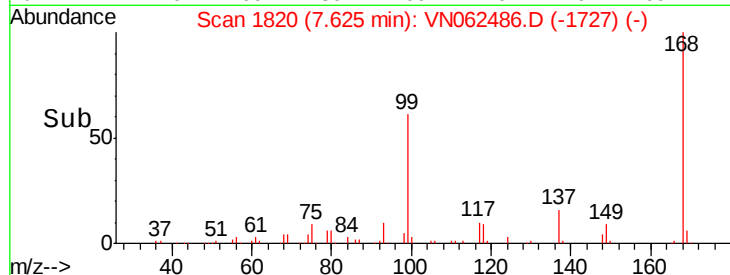
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 0.211 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN062486.D

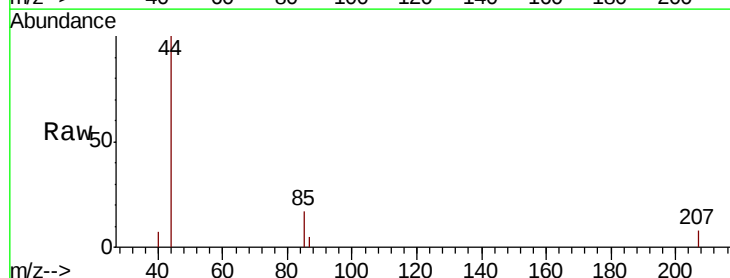
Acq: 10 Jul 2020 12:18

Tgt Ion: 85 Resp: 520

Ion Ratio Lower Upper

85 100

87 31.8 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

500

400

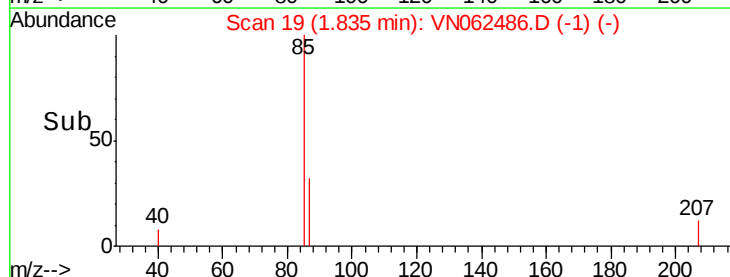
300

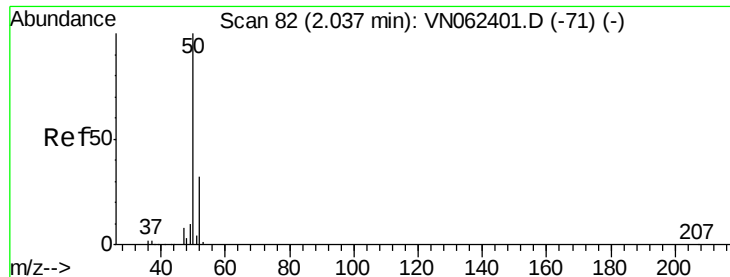
200

100

0

Time--> 1.80 1.82 1.84 1.86





#3

Chloromethane

Concen: 0.249 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062486.D

Acq: 10 Jul 2020 12:18

Instrument :

MSVOA_N

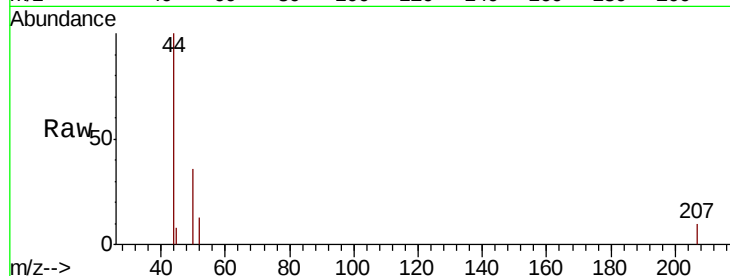
ClientSampleId :

Tot Ion: 50 Resp: 984

Ion Ratio Lower Upper

50 100

52 36.5 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN062486.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN062486.D (-1) (-)

2.03

800

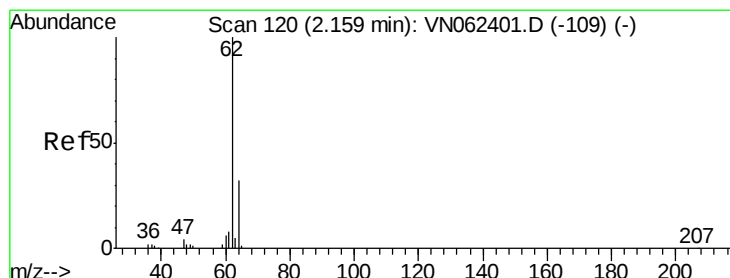
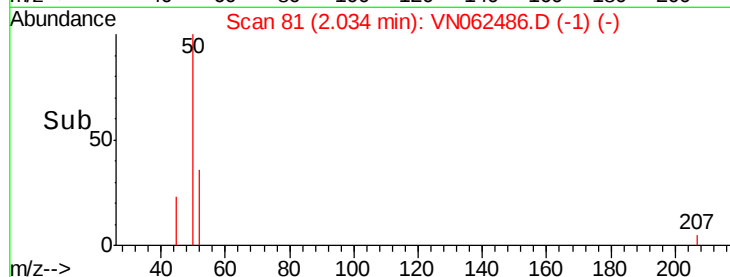
600

400

200

0

Time-->



#4

Vinyl Chloride

Concen: 0.220 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062486.D

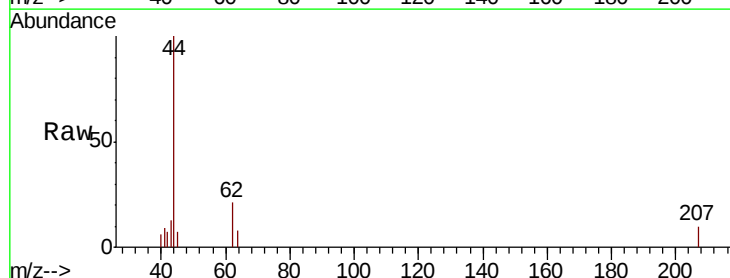
Acq: 10 Jul 2020 12:18

Tgt Ion: 62 Resp: 714

Ion Ratio Lower Upper

62 100

64 36.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN062486.D (-27) (-)

Ion 63.90 (63.60 to 64.60): VN062486.D (-27) (-)

600

500

400

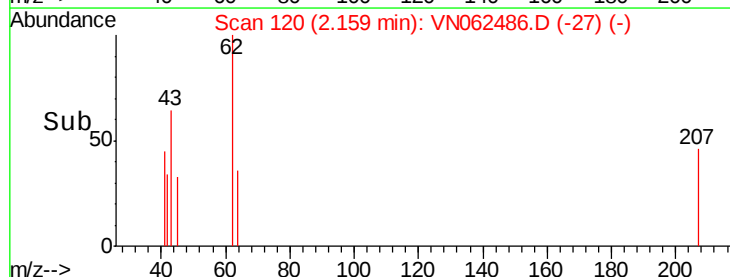
300

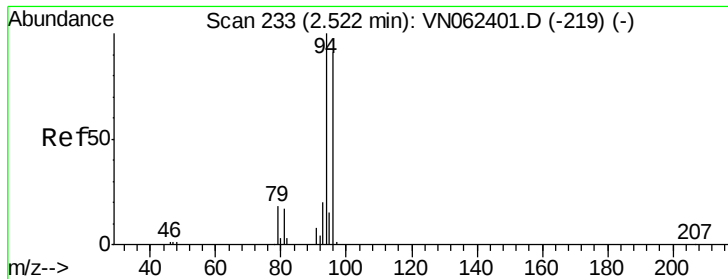
200

100

0

Time-->





#5

Bromomethane

Concen: 0.246 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.02 min

Lab File: VN062486.D

Acq: 10 Jul 2020 12:18

Instrument :

MSVOA_N

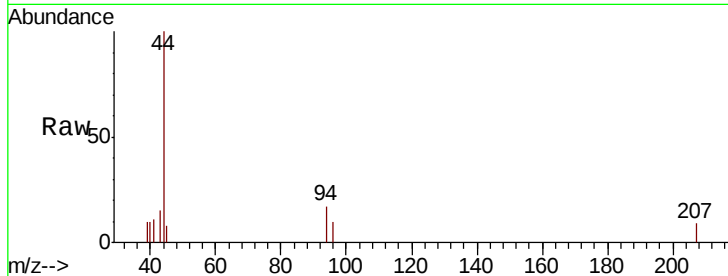
ClientSampled :

Tot Ion: 94 Resp: 428

Ion Ratio Lower Upper

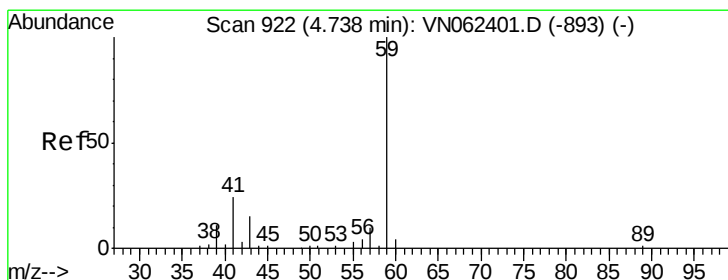
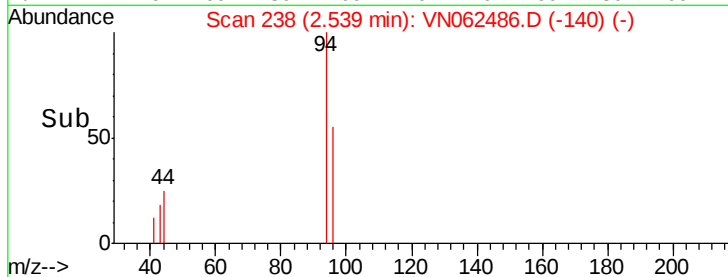
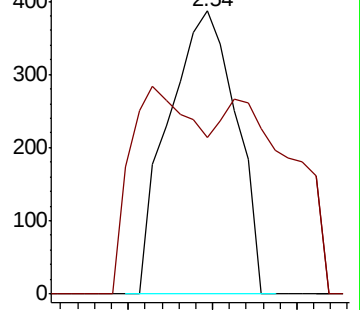
94 100

96 10.6 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#11

Tert butyl alcohol

Concen: 0.434 ug/l

RT: 4.69 min Scan# 906

Delta R.T. -0.05 min

Lab File: VN062486.D

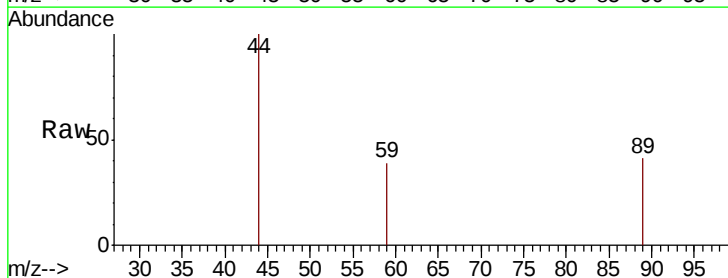
Acq: 10 Jul 2020 12:18

Tgt Ion: 59 Resp: 268

Ion Ratio Lower Upper

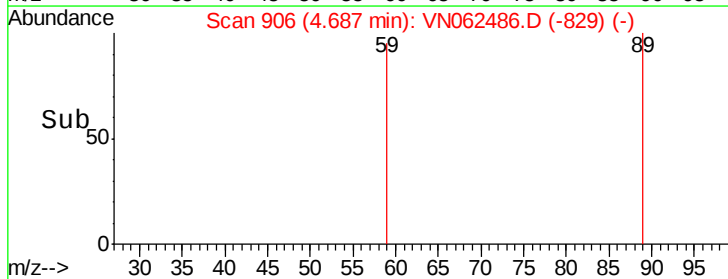
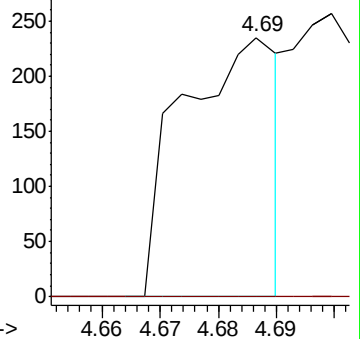
59 100

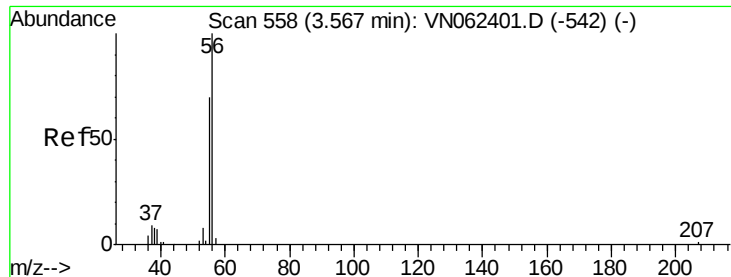
57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 0.671 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062486.D

Acq: 10 Jul 2020 12:18

Instrument :

MSVOA_N

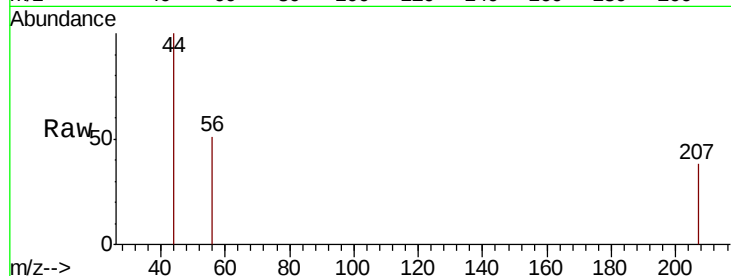
ClientSampled :

Tot Ion: 56 Resp: 299

Ion Ratio Lower Upper

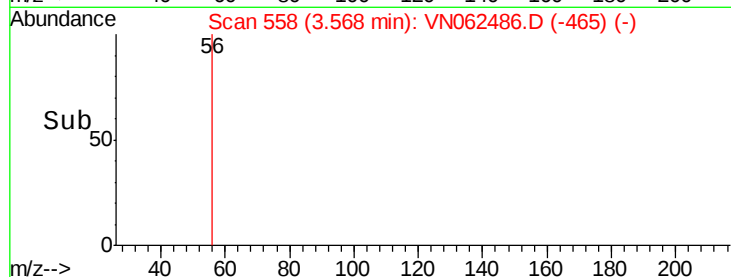
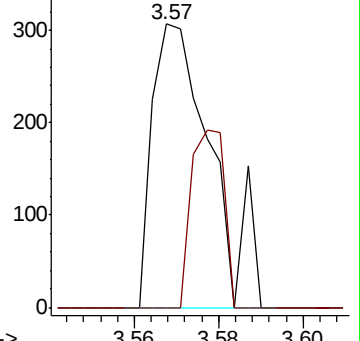
56 100

55 35.5 57.2 85.8#

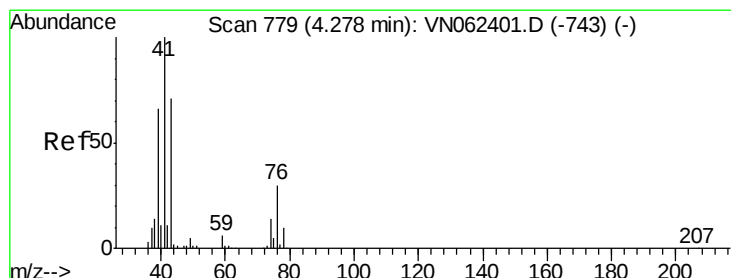


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time-->



#14

Allyl chloride

Concen: 0.223 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062486.D

Acq: 10 Jul 2020 12:18

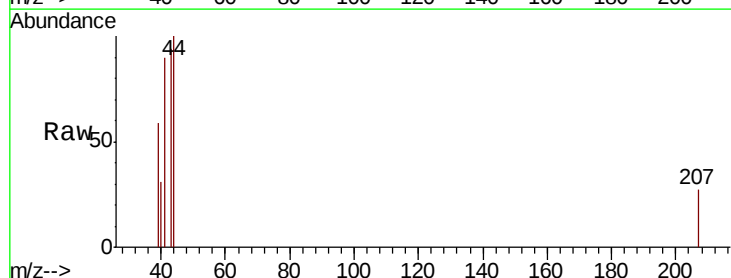
Tgt Ion: 41 Resp: 1303

Ion Ratio Lower Upper

41 100

39 42.7 49.6 74.4#

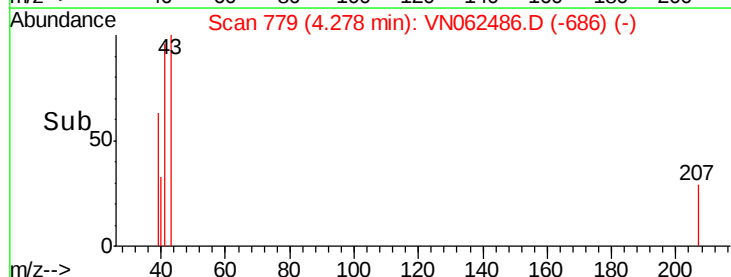
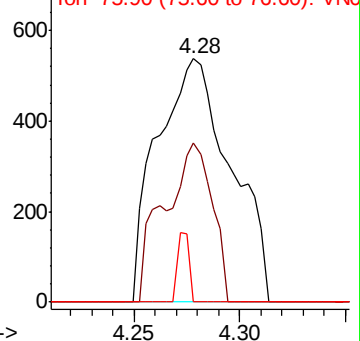
76 0.0 22.2 33.4#



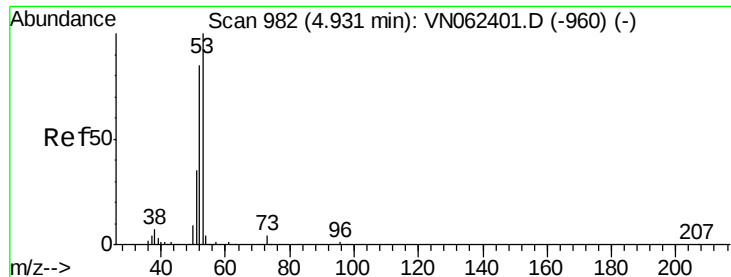
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



Time-->



#15

Acrylonitrile

Concen: 0.483 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.01 min

Lab File: VN062486.D

Acq: 10 Jul 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

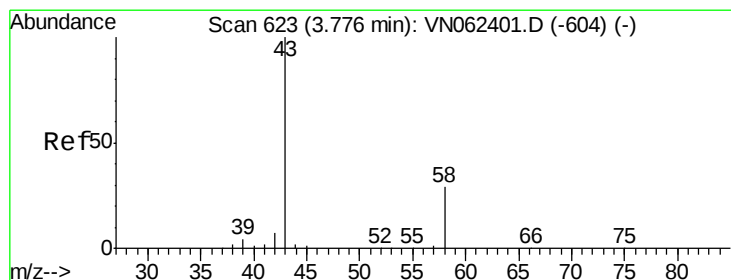
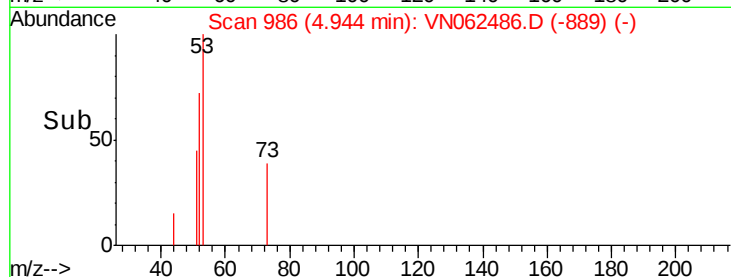
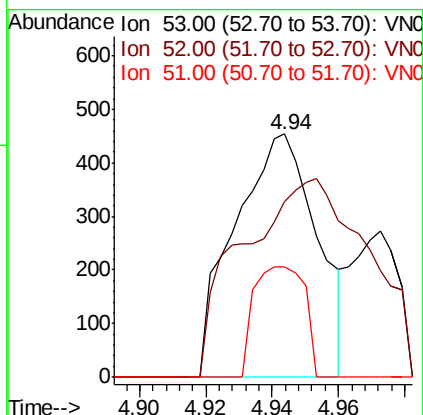
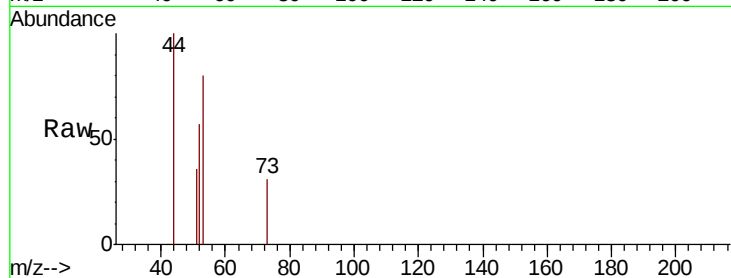
Tot Ion: 53 Resp: 782

Ion Ratio Lower Upper

53 100

52 124.2 66.2 99.4#

51 27.9 28.7 43.1#



#16

Acetone

Concen: 1.923 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN062486.D

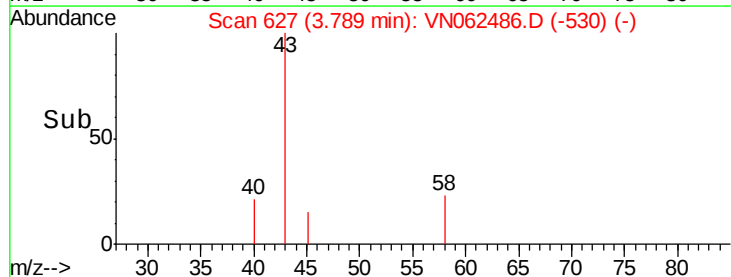
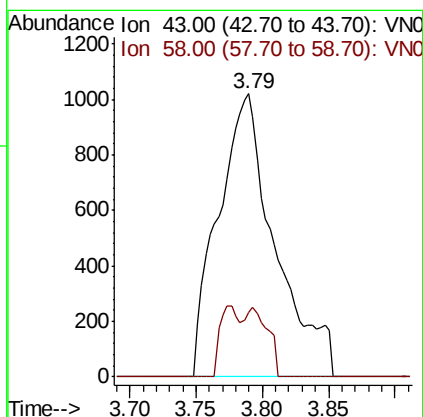
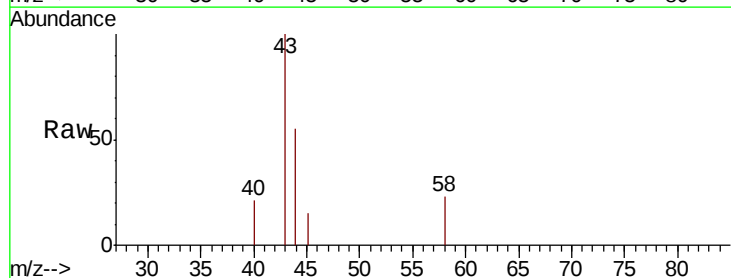
Acq: 10 Jul 2020 12:18

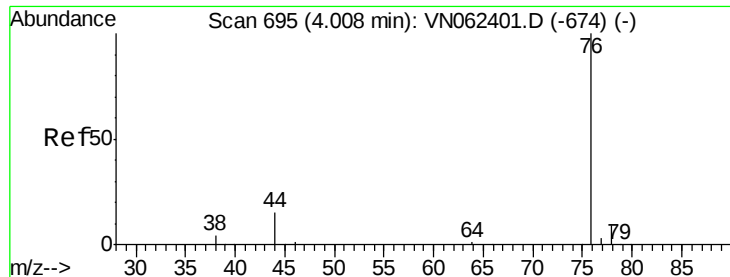
Tgt Ion: 43 Resp: 3039

Ion Ratio Lower Upper

43 100

58 22.5 23.5 35.3#





#17

Carbon Disulfide

Concen: 0.333 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062486.D

Acq: 10 Jul 2020 12:18

Instrument :

MSVOA_N

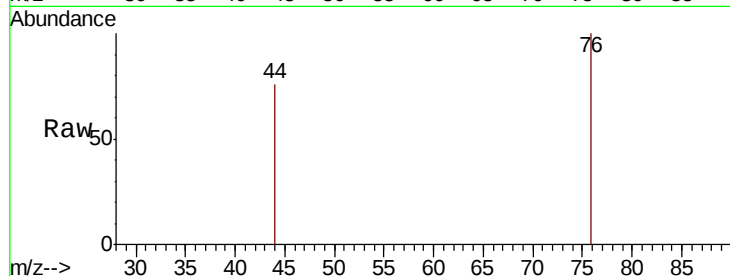
ClientSampled :

Tot Ion: 76 Resp: 2595

Ion Ratio Lower Upper

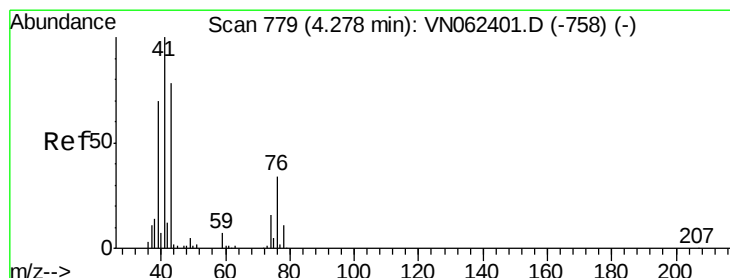
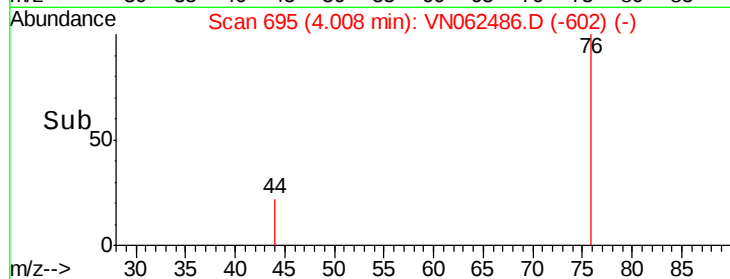
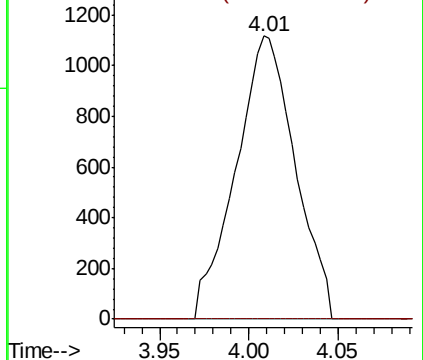
76 100

78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.407 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.00 min

Lab File: VN062486.D

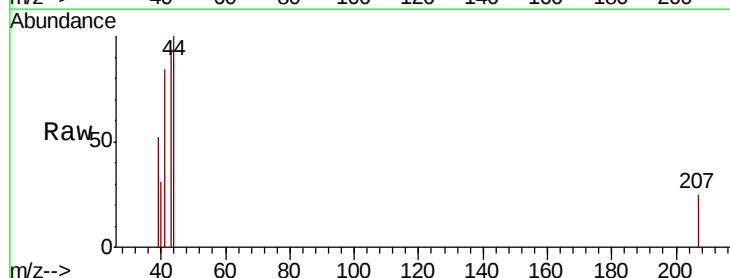
Acq: 10 Jul 2020 12:18

Tgt Ion: 43 Resp: 1604

Ion Ratio Lower Upper

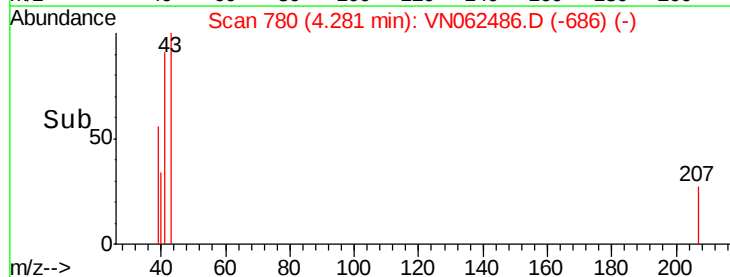
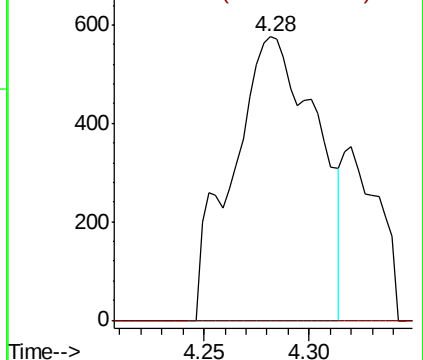
43 100

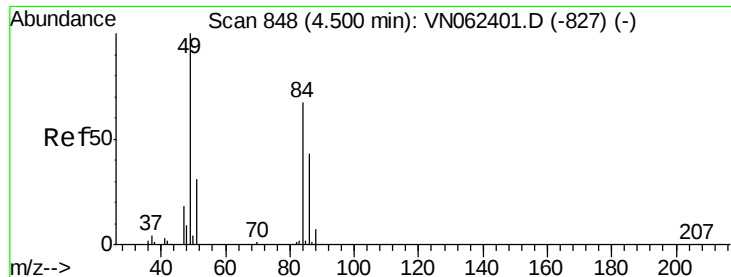
74 0.0 16.0 24.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

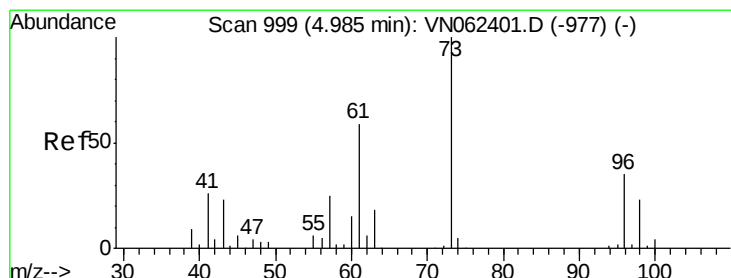
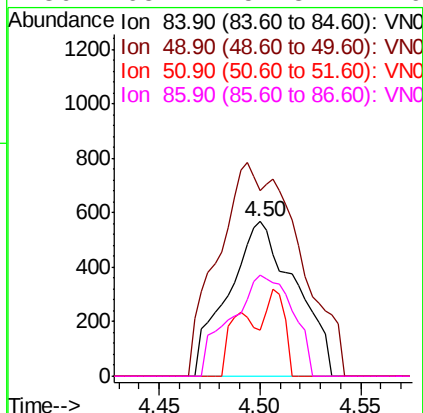
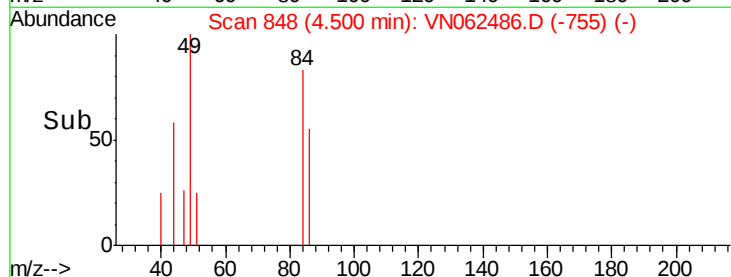
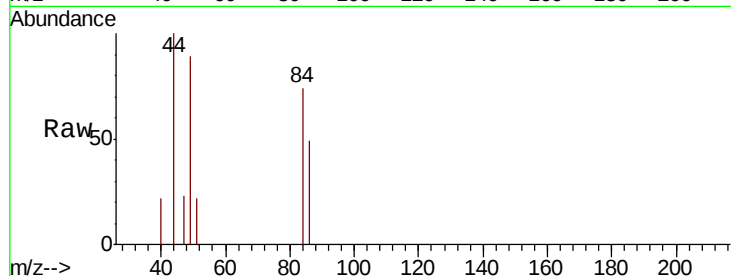




#20
Methvlene Chloride
Concen: 0.391 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062486.D
Acq: 10 Jul 2020 12:18

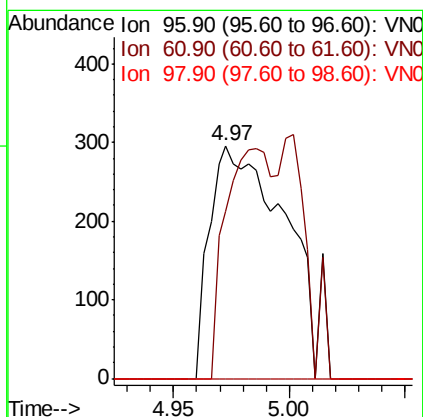
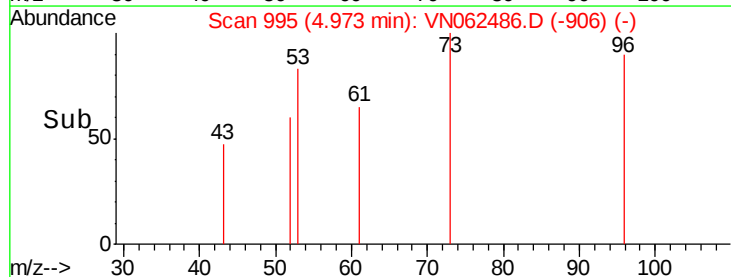
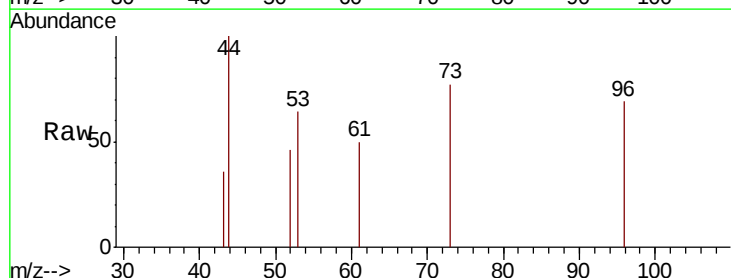
Instrument :
MSVOA_N
ClientSampleId :

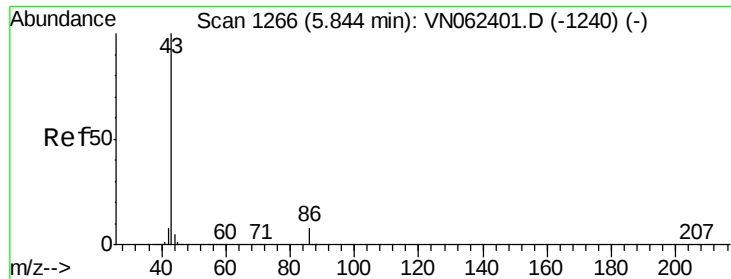
Tot Ion: 84 Resp: 1320
Ion Ratio Lower Upper
84 100
49 119.9 120.0 180.0#
51 29.8 37.0 55.6#
86 65.4 51.8 77.6



#21
trans-1,2-Dichloroethene
Concen: 0.255 ug/l
RT: 4.97 min Scan# 995
Delta R.T. -0.01 min
Lab File: VN062486.D
Acq: 10 Jul 2020 12:18

Tgt Ion: 96 Resp: 685
Ion Ratio Lower Upper
96 100
61 72.0 133.5 200.3#
98 0.0 51.9 77.9#





#23

Vinyl Acetate

Concen: 0.859 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.01 min

Lab File: VN062486.D

Acq: 10 Jul 2020 12:18

Instrument :

MSVOA_N

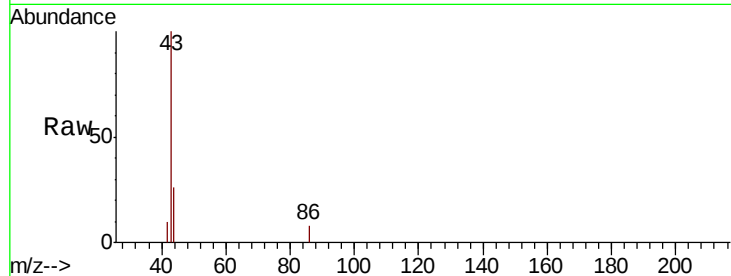
ClientSampled :

Tot Ion: 43 Resp: 8214

Ion Ratio Lower Upper

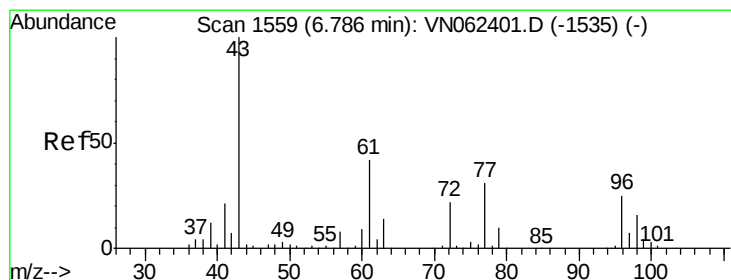
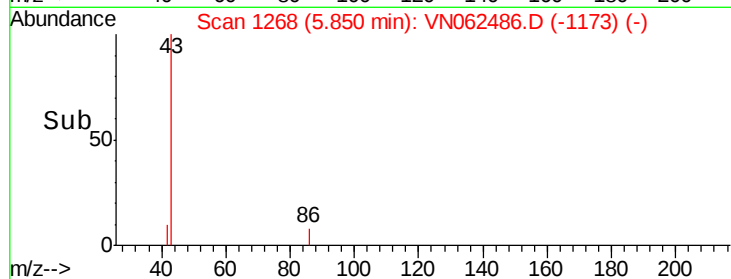
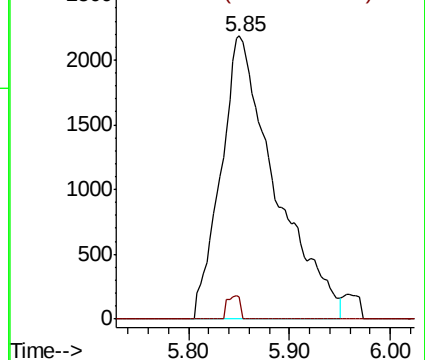
43 100

86 7.6 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1240) (-)

Ion 86.00 (85.70 to 86.70): VN062401.D (-1240) (-)



#25

2-Butanone

Concen: 0.312 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.01 min

Lab File: VN062486.D

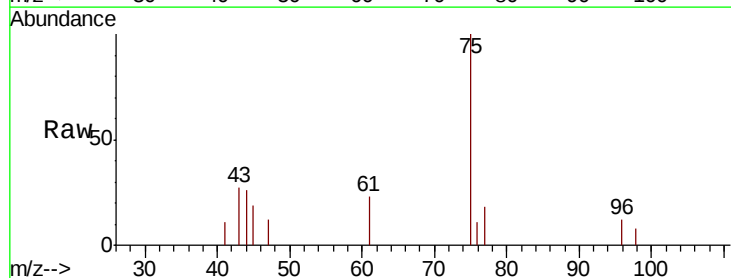
Acq: 10 Jul 2020 12:18

Tgt Ion: 43 Resp: 721

Ion Ratio Lower Upper

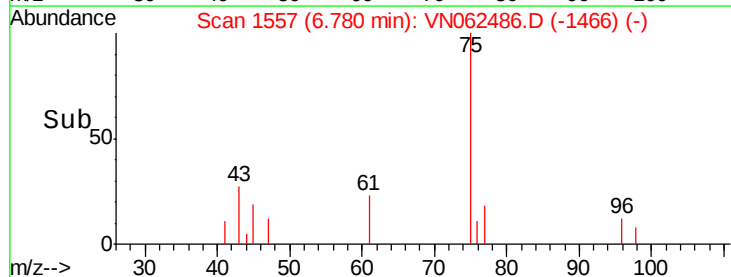
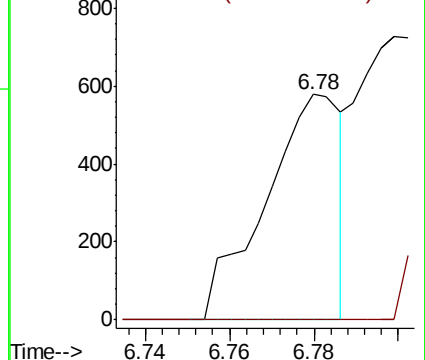
43 100

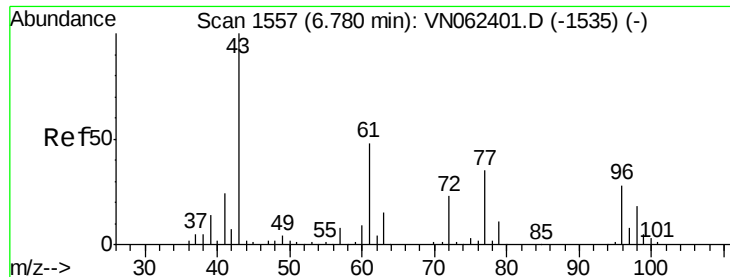
72 0.0 17.9 26.9#



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1535) (-)

Ion 72.00 (71.70 to 72.70): VN062401.D (-1535) (-)





#27

cis-1,2-Dichloroethene

Concen: 0.225 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.01 min

Lab File: VN062486.D

Acq: 10 Jul 2020 12:18

Instrument :
MSVOA_N
ClientSampled :

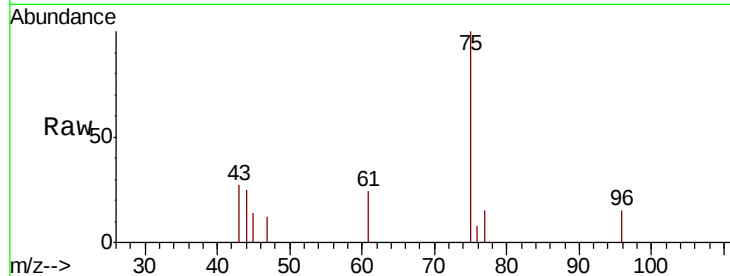
Tot Ion: 96 Resp: 702

Ion Ratio Lower Upper

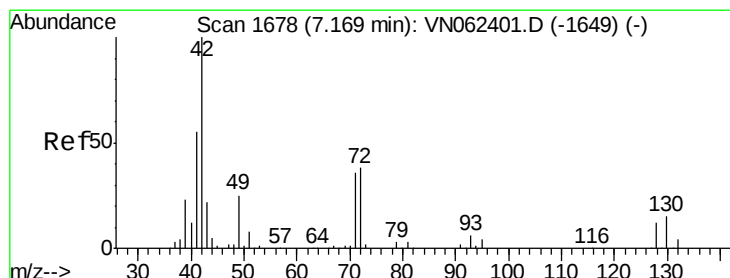
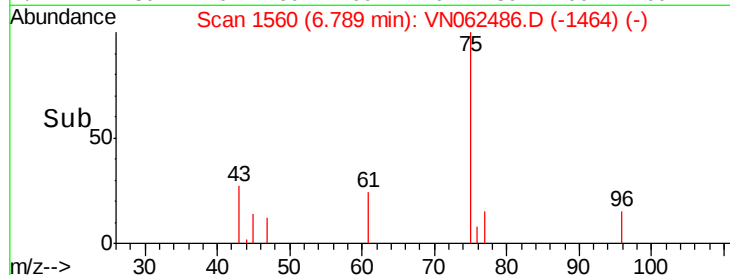
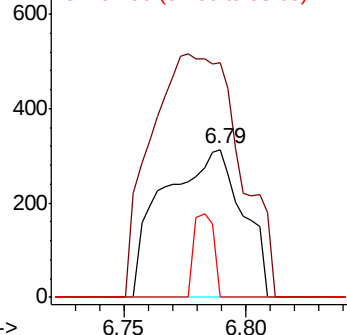
96 100

61 185.2 0.0 343.4

98 13.7 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#29

Tetrahydrofuran

Concen: 0.927 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VN062486.D

Acq: 10 Jul 2020 12:18

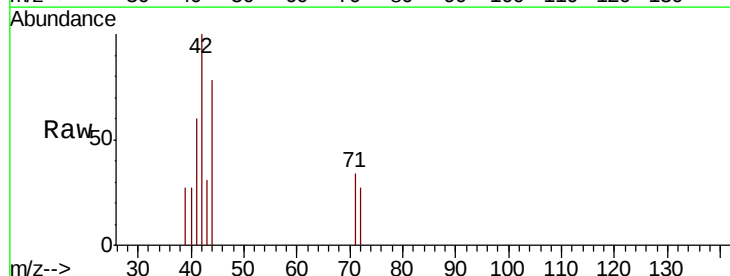
Tgt Ion: 42 Resp: 1440

Ion Ratio Lower Upper

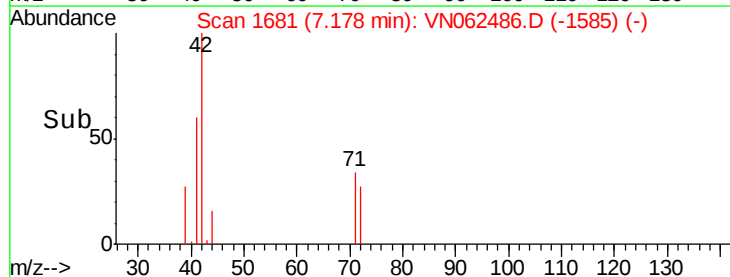
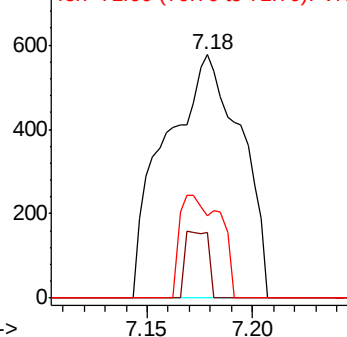
42 100

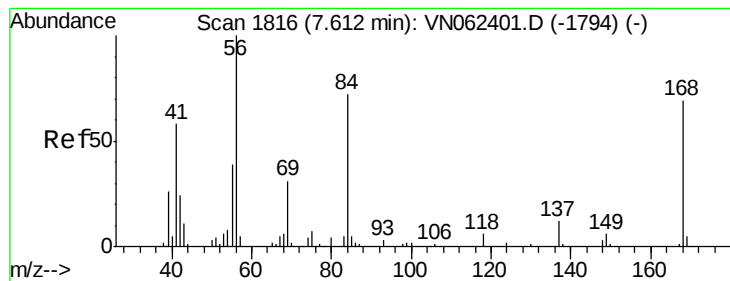
72 8.4 29.1 43.7#

71 22.4 28.1 42.1#



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: 1.169 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VN062486.D

Acq: 10 Jul 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

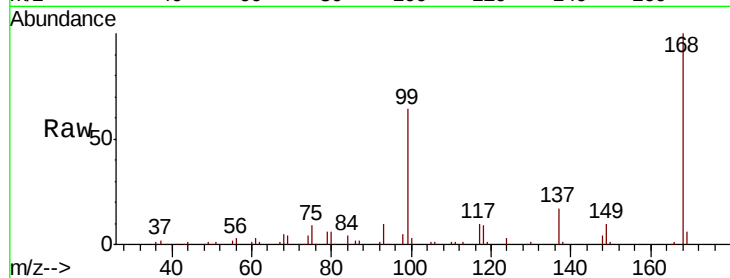
Tot Ion: 56 Resp: 6612

Ion Ratio Lower Upper

56 100

69 150.7 24.5 36.7#

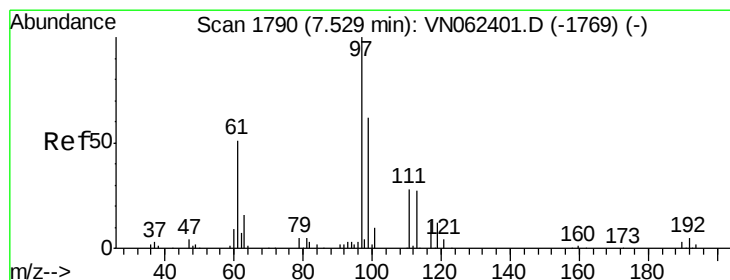
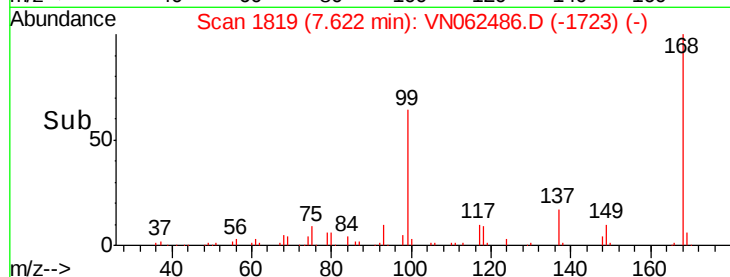
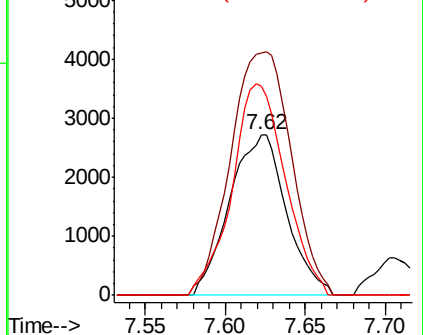
84 130.4 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VN062401.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062401.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062401.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 0.202 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN062486.D

Acq: 10 Jul 2020 12:18

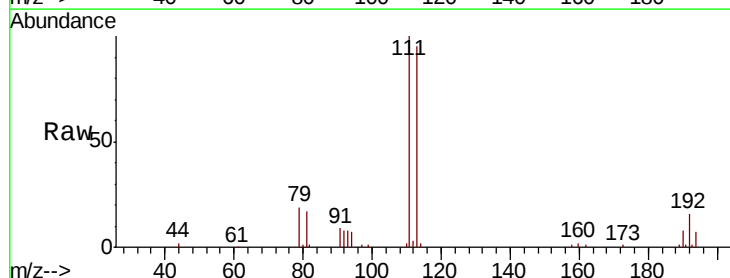
Tgt Ion: 97 Resp: 904

Ion Ratio Lower Upper

97 100

99 0.0 50.4 75.6#

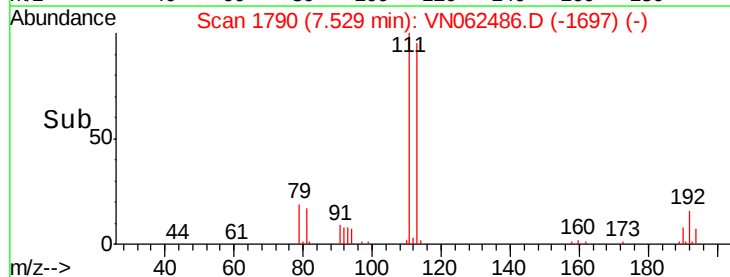
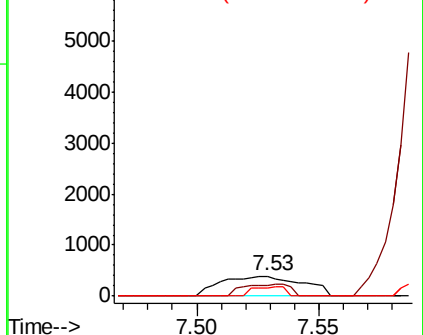
61 0.0 39.9 59.9#

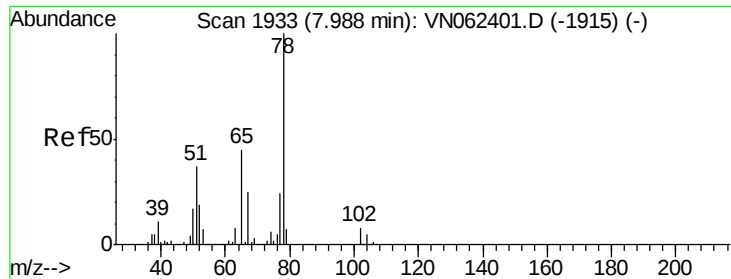


Abundance Ion 96.90 (96.60 to 97.60): VN062401.D (-1769) (-)

Ion 98.90 (98.60 to 99.60): VN062401.D (-1769) (-)

Ion 60.90 (60.60 to 61.60): VN062401.D (-1769) (-)

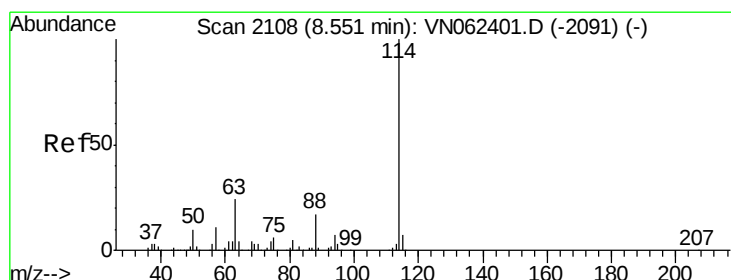
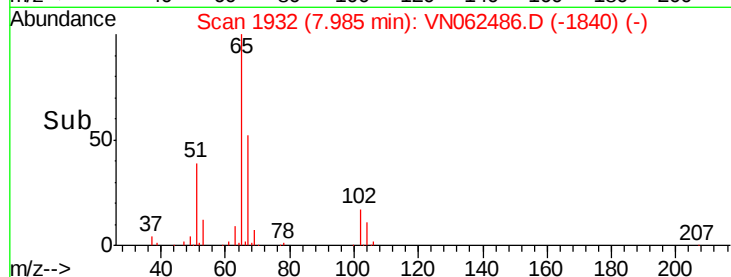
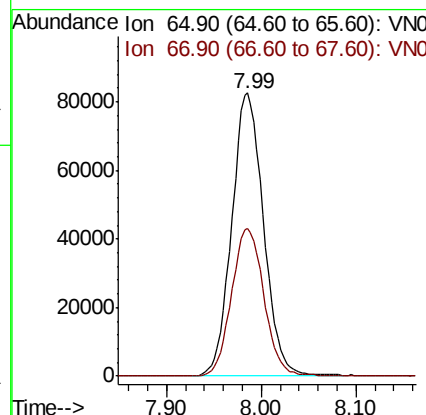
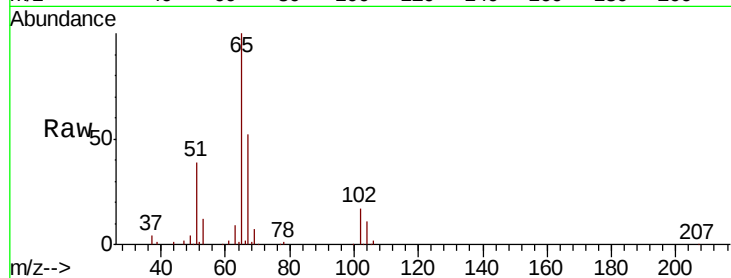




#33
 1,2-Dichloroethane-d4
 Concen: 51.796 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062486.D
 Acq: 10 Jul 2020 12:18

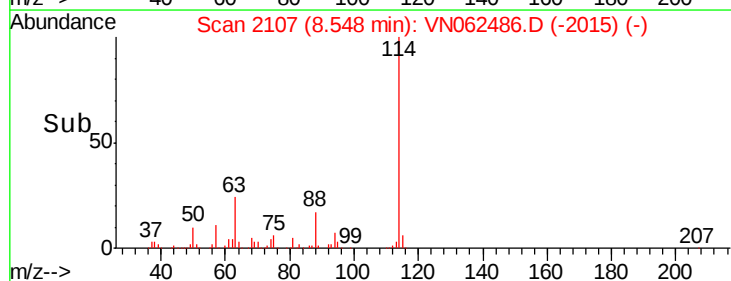
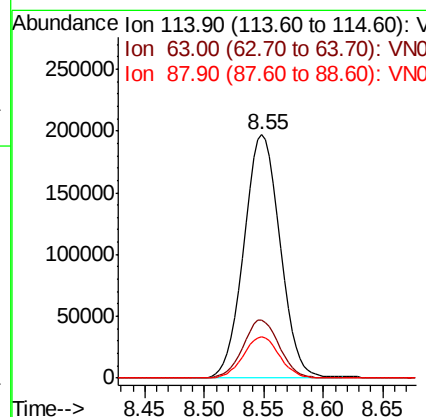
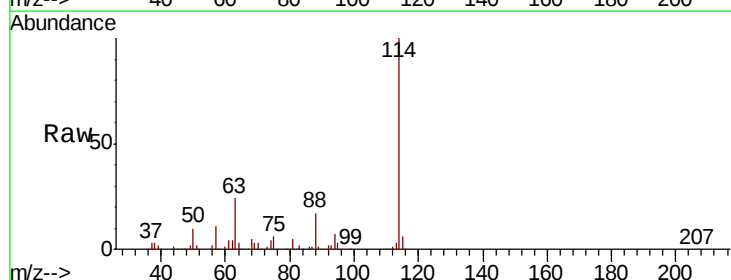
Instrument :
 MSVOA_N
 ClientSampleId :

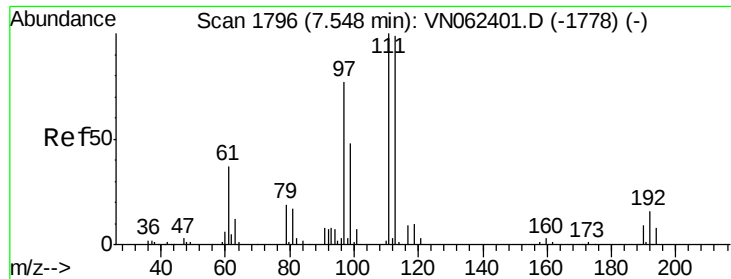
Tot Ion: 65 Resp: 192814
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062486.D
 Acq: 10 Jul 2020 12:18

Tgt Ion: 114 Resp: 415649
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 48.4
 88 17.0 0.0 33.8

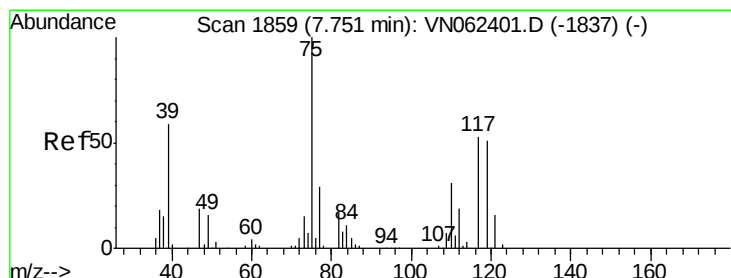
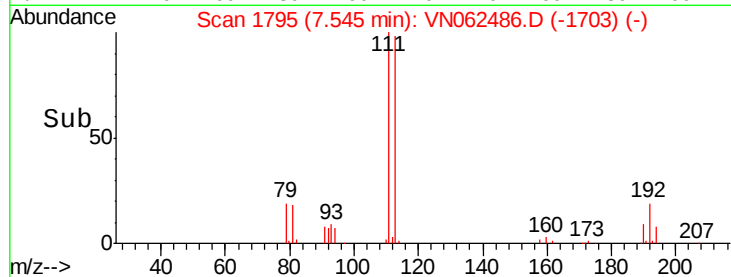
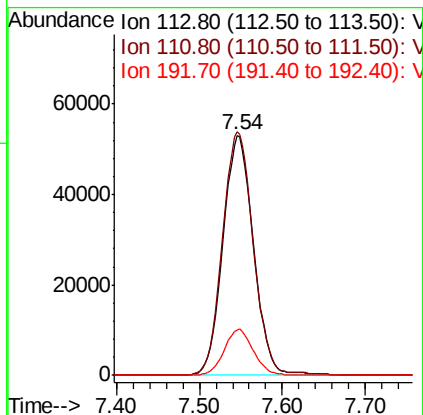
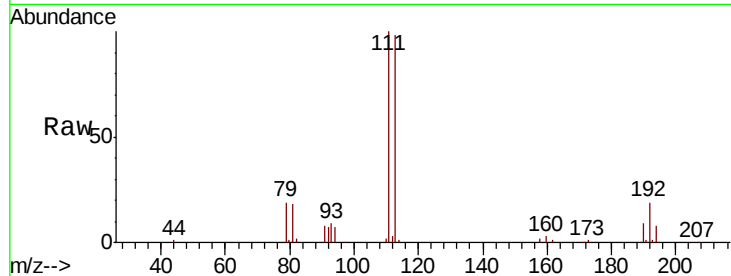




#35
 Dibromofluoromethane
 Concen: 52.868 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062486.D
 Acq: 10 Jul 2020 12:18

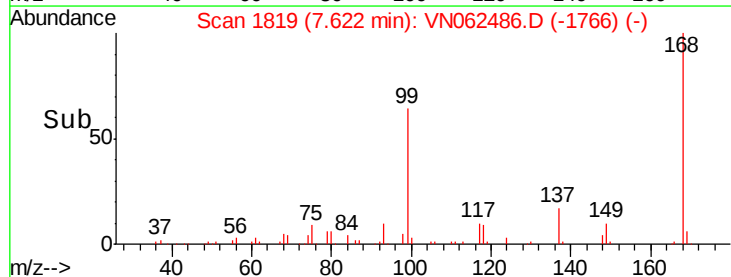
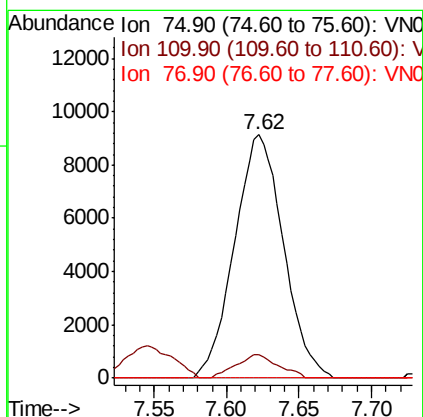
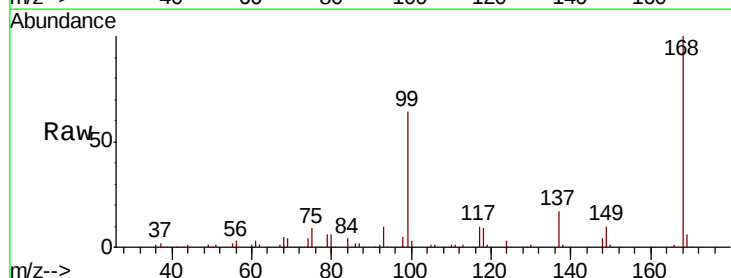
Instrument :
 MSVOA_N
 ClientSampleId :

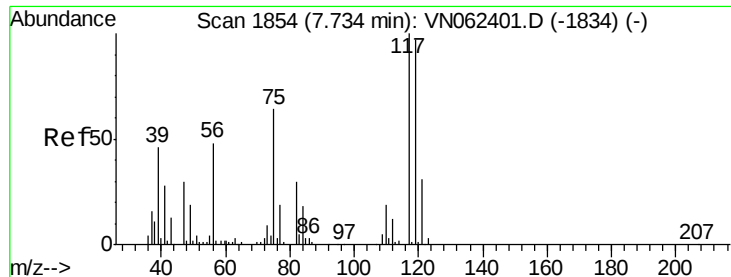
Tot Ion:113 Resp: 135833
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.1 124.7
 192 18.3 14.1 21.1



#36
 1,1-Dichloropropene
 Concen: 5.108 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062486.D
 Acq: 10 Jul 2020 12:18

Tgt Ion: 75 Resp: 21391
 Ion Ratio Lower Upper
 75 100
 110 8.3 15.4 46.2#
 77 0.0 24.1 36.1#





#38

Carbon Tetrachloride

Concen: 6.483 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.11 min

Lab File: VN062486.D

Acq: 10 Jul 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

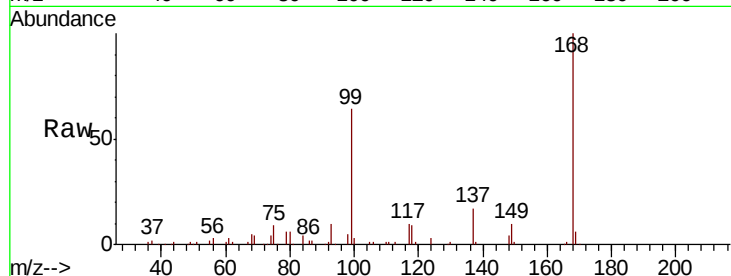
Tot Ion:117 Resp: 24407

Ion Ratio Lower Upper

117 100

119 6.2 77.2 115.8#

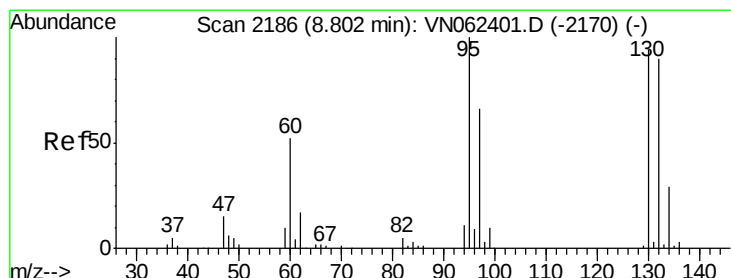
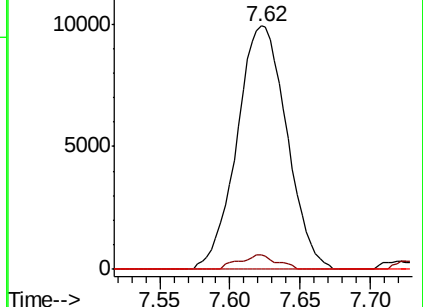
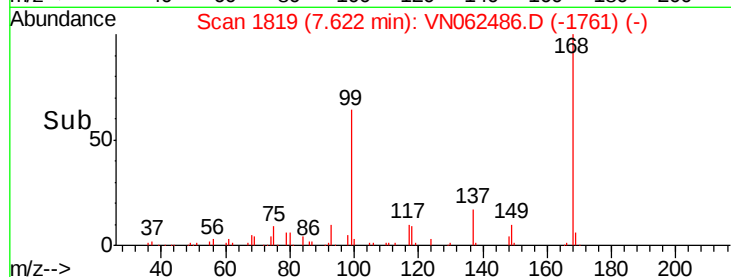
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 0.209 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062486.D

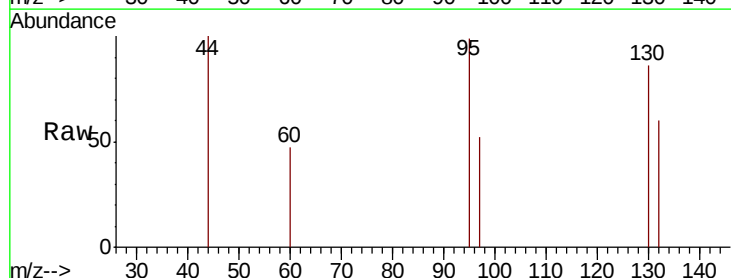
Acq: 10 Jul 2020 12:18

Tgt Ion:130 Resp: 571

Ion Ratio Lower Upper

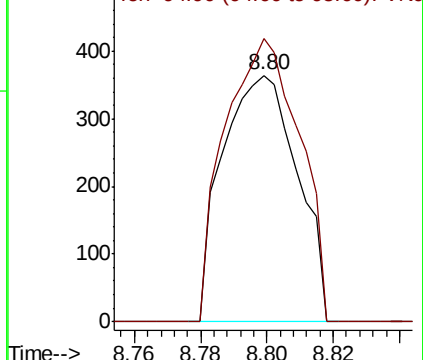
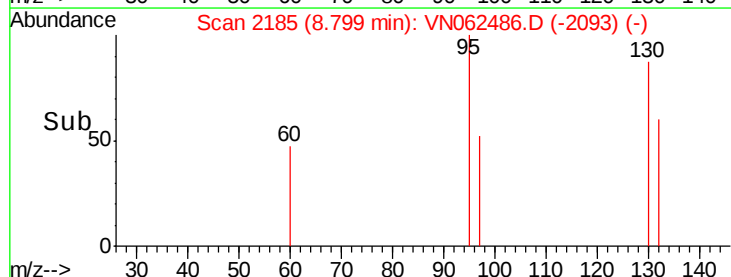
130 100

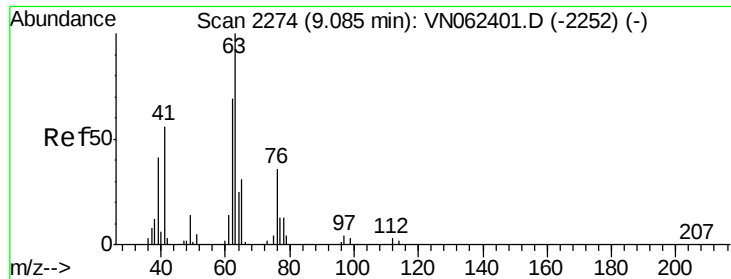
95 114.8 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#45

1,2-Dichloropropane

Concen: 0.200 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062486.D

Acq: 10 Jul 2020 12:18

Instrument :

MSVOA_N

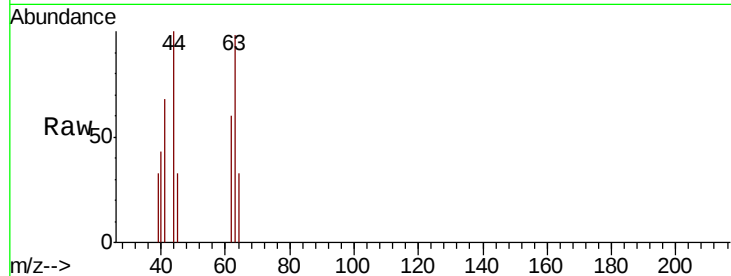
ClientSampleId :

Tot Ion: 63 Resp: 717

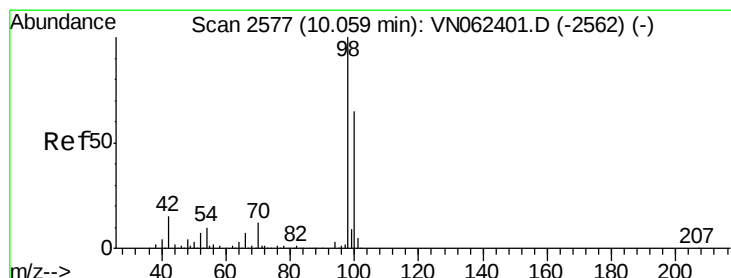
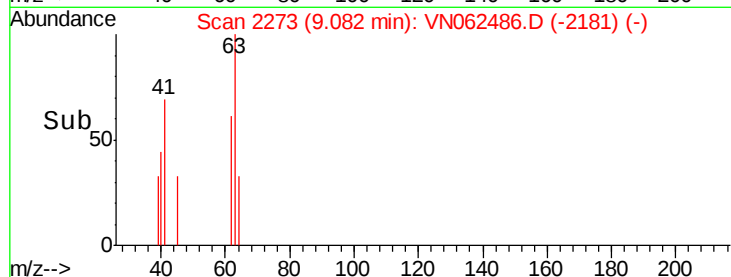
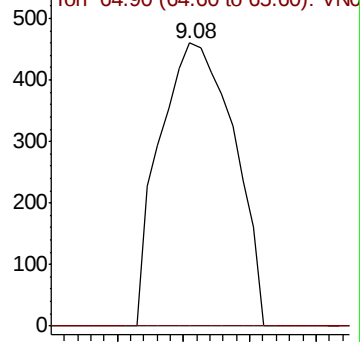
Ion Ratio Lower Upper

63 100

65 0.0 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0



#50

Toluene-d8

Concen: 50.644 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062486.D

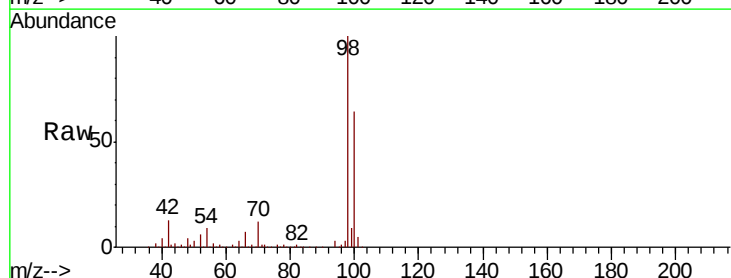
Acq: 10 Jul 2020 12:18

Tgt Ion: 98 Resp: 513669

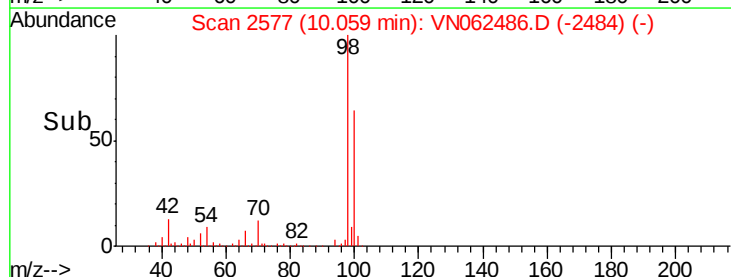
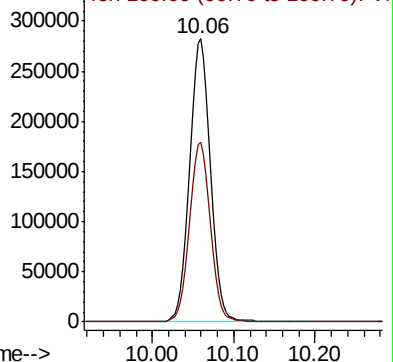
Ion Ratio Lower Upper

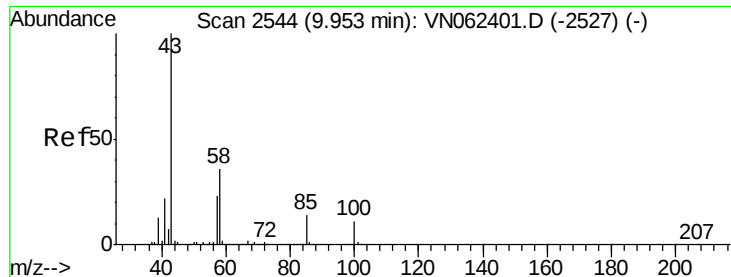
98 100

100 63.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.927 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062486.D

Acq: 10 Jul 2020 12:18

Instrument :

MSVOA_N

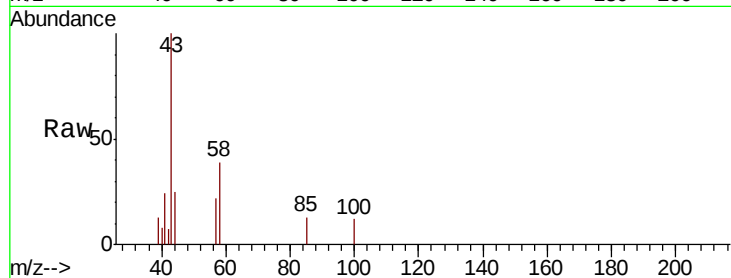
ClientSampled :

Tot Ion: 43 Resp: 4282

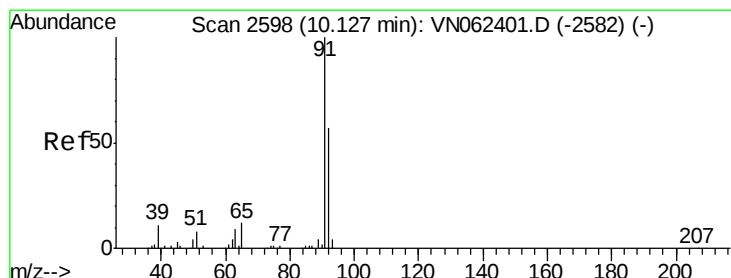
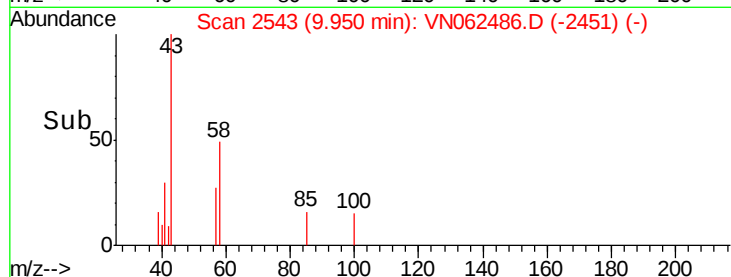
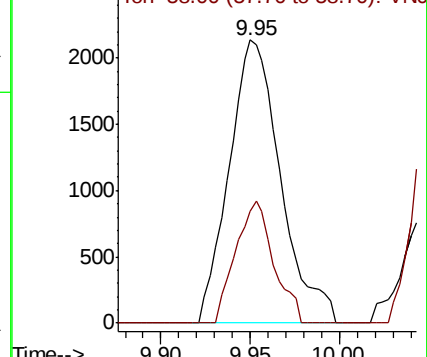
Ion Ratio Lower Upper

43 100

58 31.8 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-2527) (-)



#52

Toluene

Concen: 0.207 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062486.D

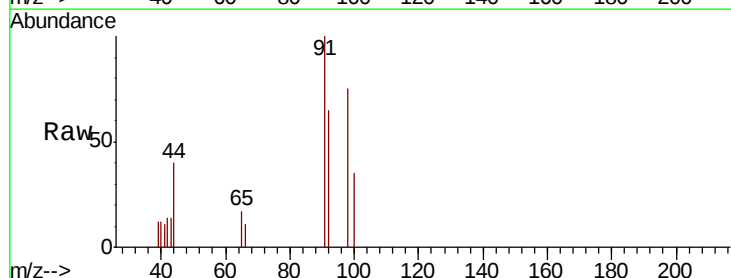
Acq: 10 Jul 2020 12:18

Tgt Ion: 92 Resp: 1475

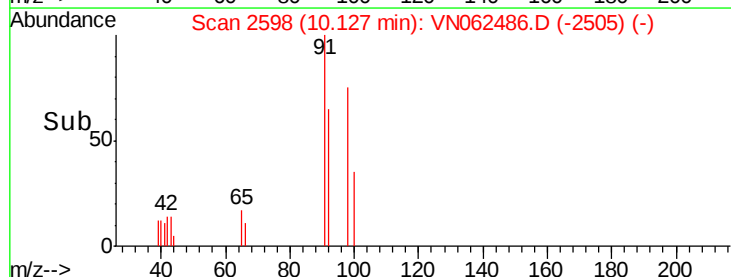
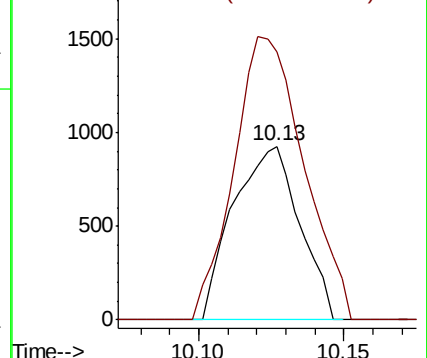
Ion Ratio Lower Upper

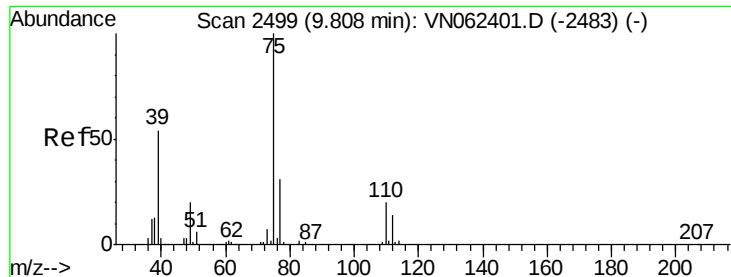
92 100

91 171.6 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN062401.D (-2582) (-)



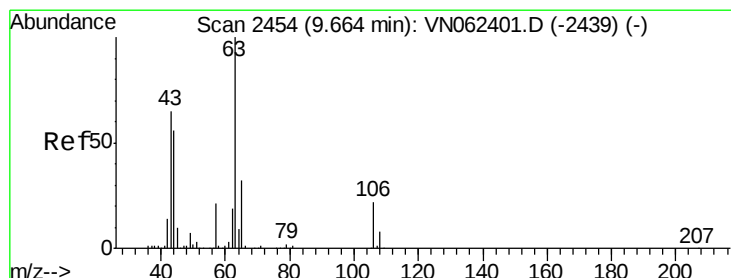
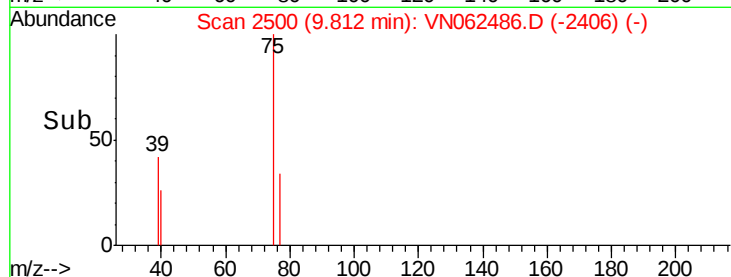
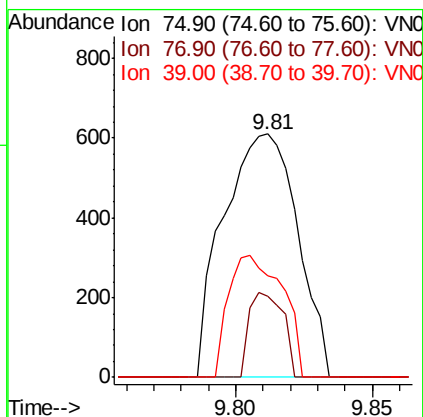
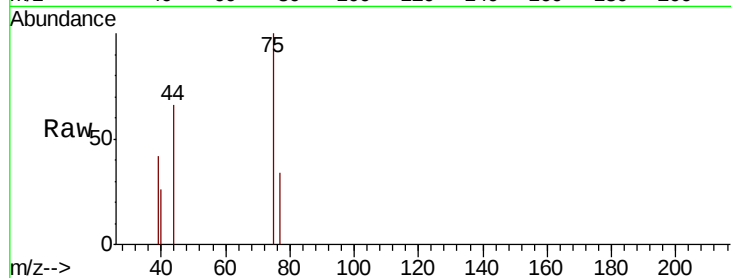


#54

cis-1,3-Dichloropropene
 Concen: 0.216 ug/l
 RT: 9.81 min Scan# 2500
 Delta R.T. 0.00 min
 Lab File: VN062486.D
 Acq: 10 Jul 2020 12:18

Instrument :
 MSVOA_N
 ClientSampled :

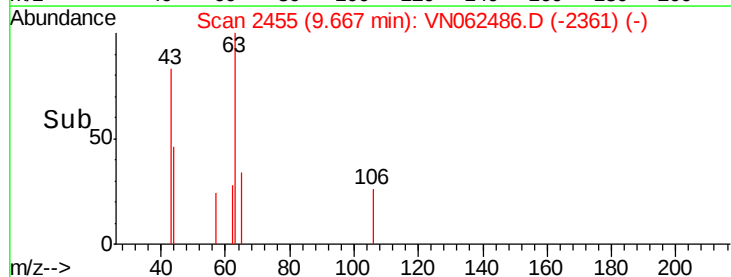
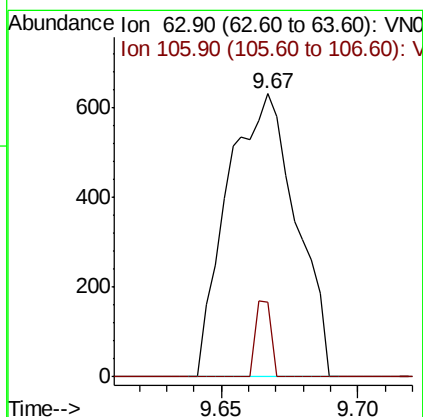
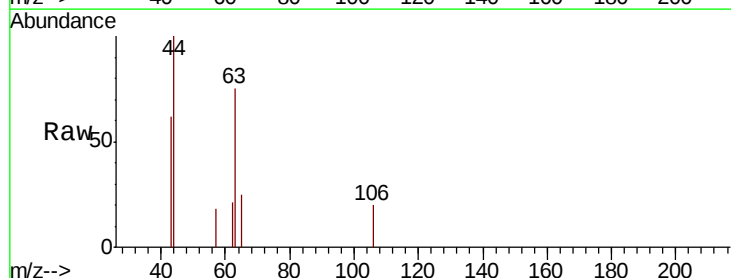
Tot Ion: 75 Resp: 1152
 Ion Ratio Lower Upper
 75 100
 77 33.6 24.5 36.7
 39 41.7 43.4 65.0#

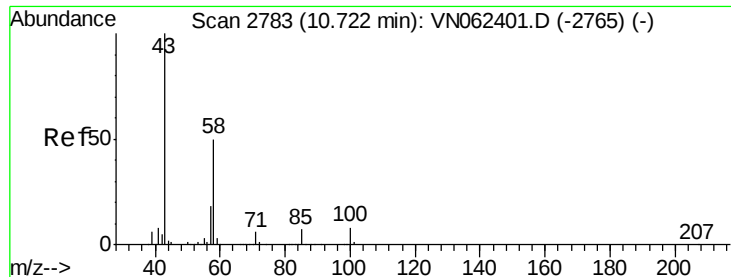


#58

2-Chloroethyl Vinyl ether
 Concen: 0.663 ug/l
 RT: 9.67 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: VN062486.D
 Acq: 10 Jul 2020 12:18

Tgt Ion: 63 Resp: 1102
 Ion Ratio Lower Upper
 63 100
 106 5.9 17.6 26.4#

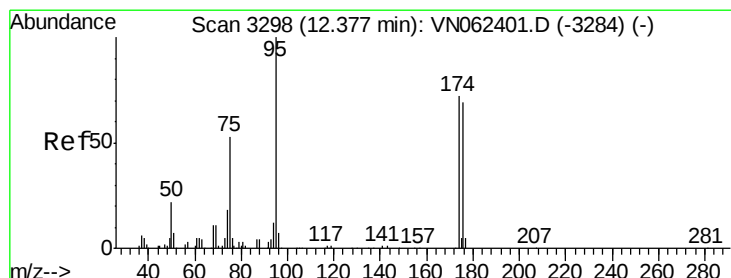
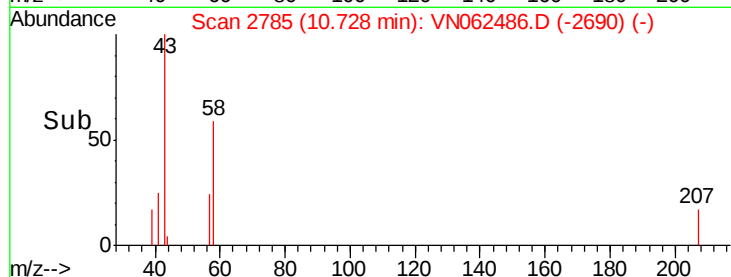
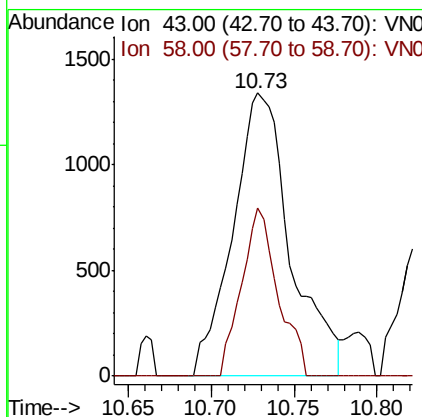
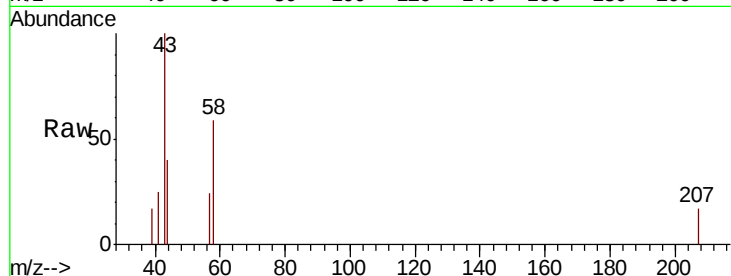




#59
2-Hexanone
Concen: 0.969 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.01 min
Lab File: VN062486.D
Acq: 10 Jul 2020 12:18

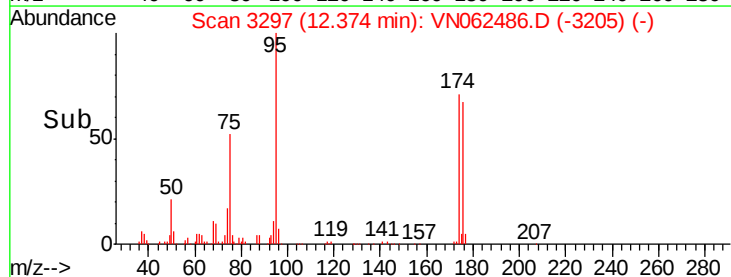
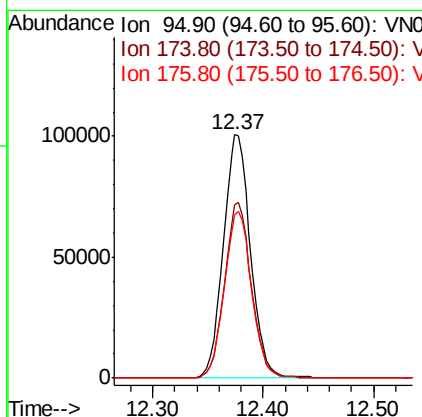
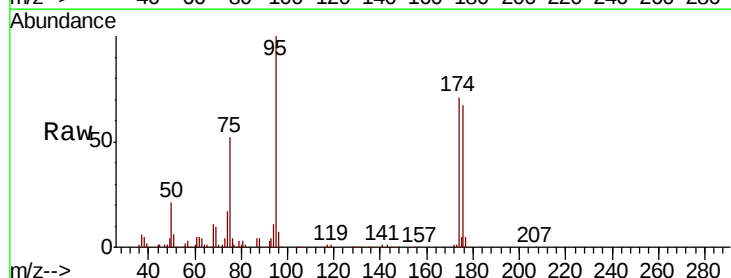
Instrument :
MSVOA_N
ClientSampled :

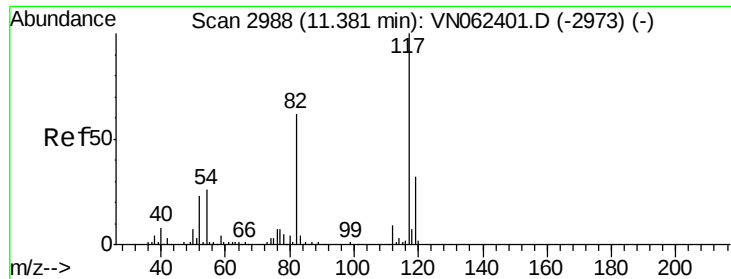
Tot Ion: 43 Resp: 3250
Ion Ratio Lower Upper
43 100
58 37.0 25.1 75.2



#62
4-Bromofluorobenzene
Concen: 46.299 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN062486.D
Acq: 10 Jul 2020 12:18

Tgt Ion: 95 Resp: 171607
Ion Ratio Lower Upper
95 100
174 71.1 0.0 141.6
176 69.0 0.0 137.2

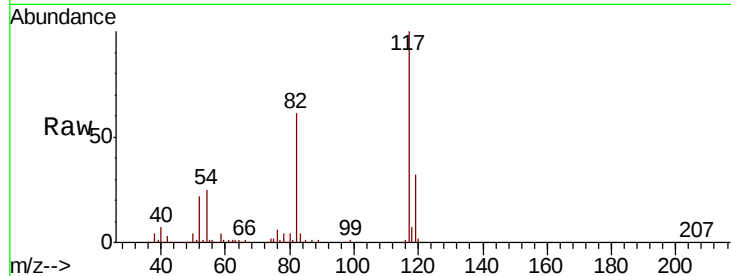




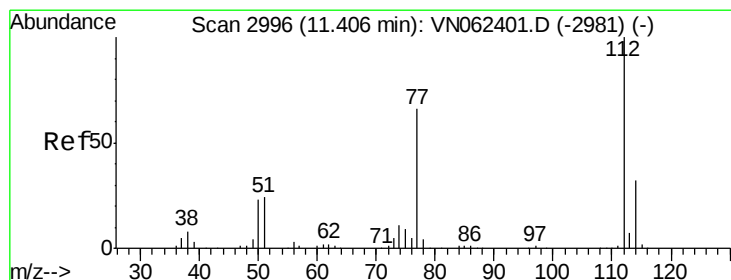
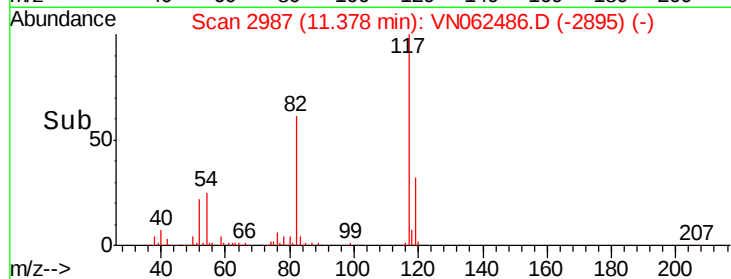
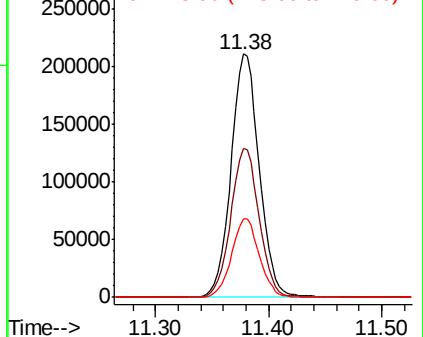
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062486.D
Acq: 10 Jul 2020 12:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 366228
Ion Ratio Lower Upper
117 100
82 60.9 49.6 74.4
119 32.0 25.4 38.0

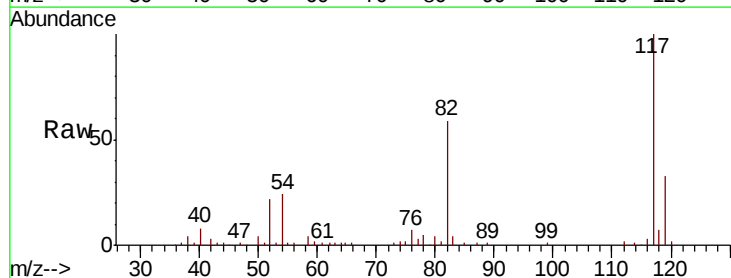


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

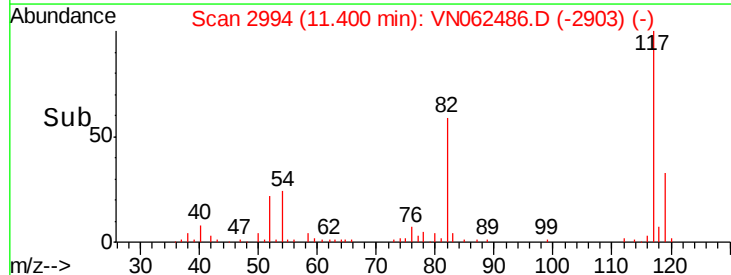
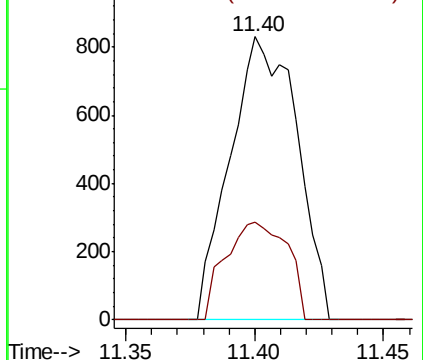


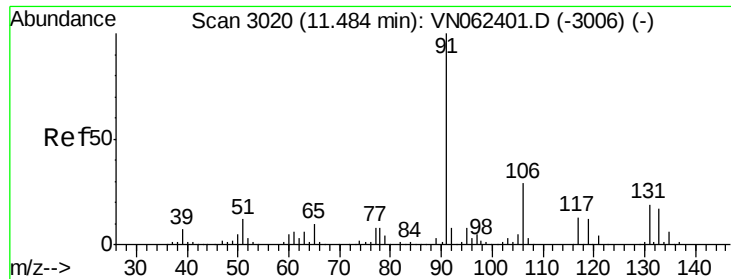
#65
Chlorobenzene
Concen: 0.211 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.01 min
Lab File: VN062486.D
Acq: 10 Jul 2020 12:18

Tgt Ion:112 Resp: 1503
Ion Ratio Lower Upper
112 100
114 34.6 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

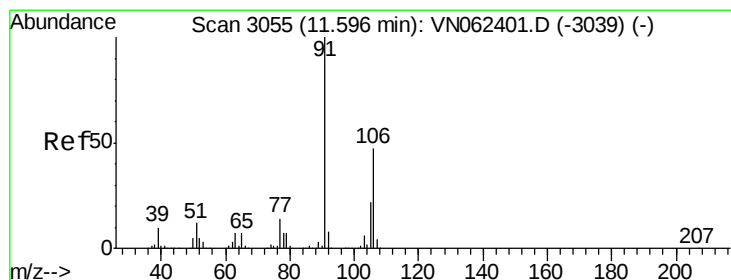
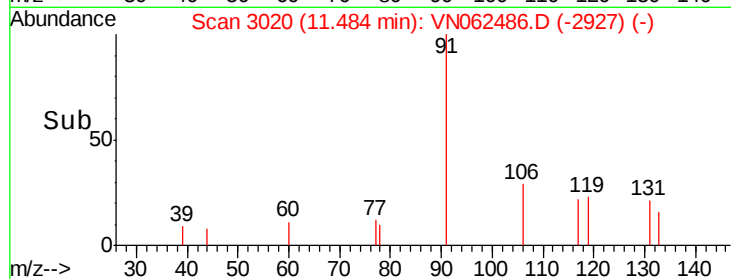
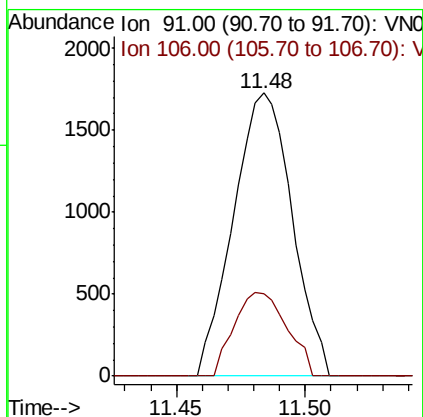
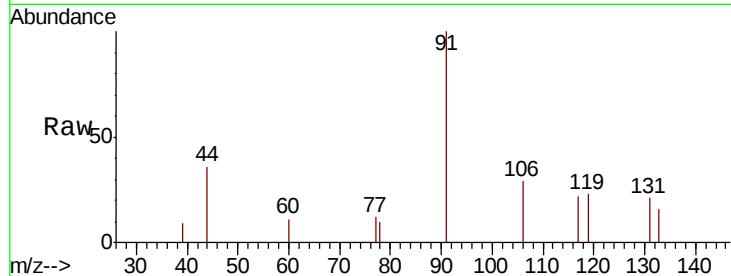




#67
Ethyl Benzene
Concen: 0.205 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062486.D
Acq: 10 Jul 2020 12:18

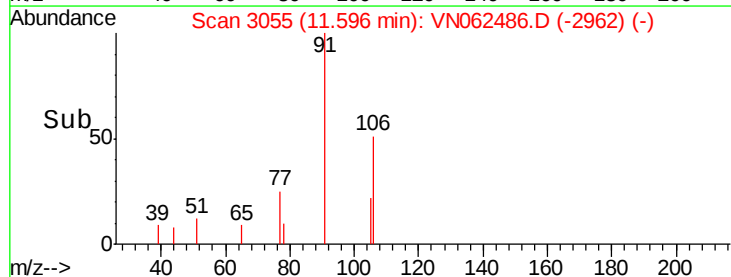
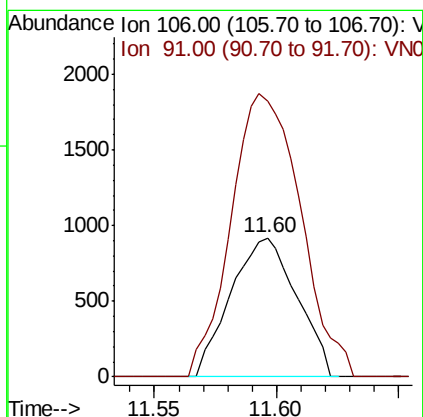
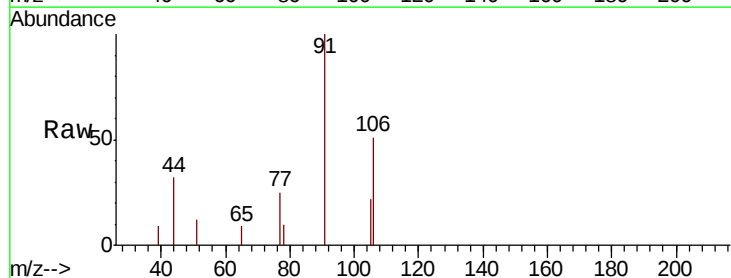
Instrument :
MSVOA_N
ClientSampled :

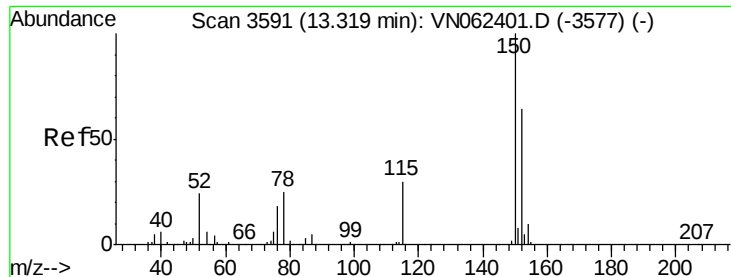
Tot Ion: 91 Resp: 2743
Ion Ratio Lower Upper
91 100
106 29.1 23.4 35.2



#68
m/p-Xylenes
Concen: 0.365 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062486.D
Acq: 10 Jul 2020 12:18

Tgt Ion: 106 Resp: 1724
Ion Ratio Lower Upper
106 100
91 214.4 172.4 258.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062486.D

Acq: 10 Jul 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

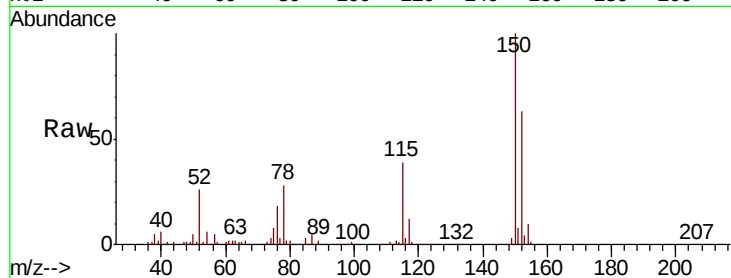
Tot Ion:152 Resp: 139082

Ion Ratio Lower Upper

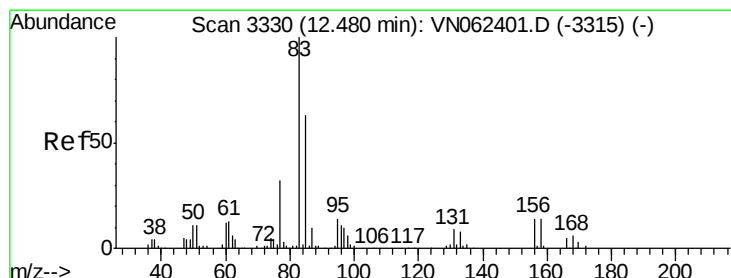
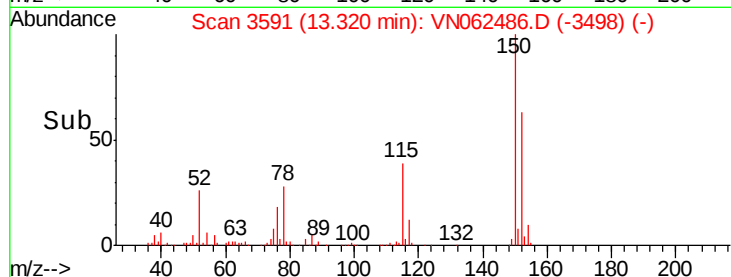
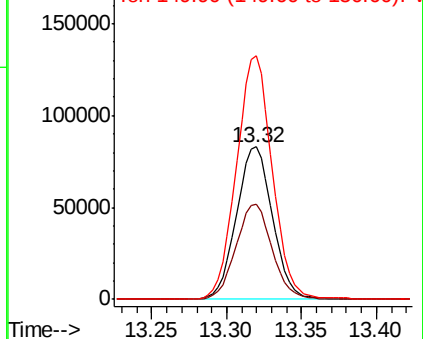
152 100

115 62.8 31.4 94.2

150 159.1 0.0 347.4



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



#75

1,1,2,2-Tetrachloroethane

Concen: 0.241 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062486.D

Acq: 10 Jul 2020 12:18

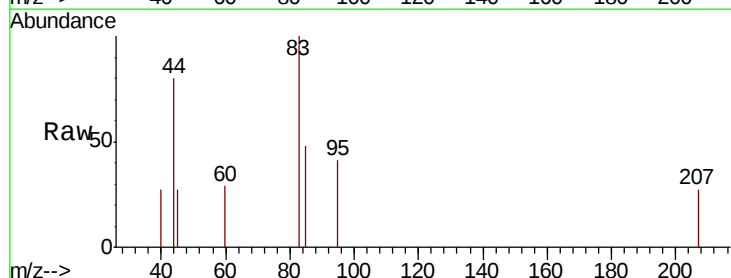
Tgt Ion: 83 Resp: 871

Ion Ratio Lower Upper

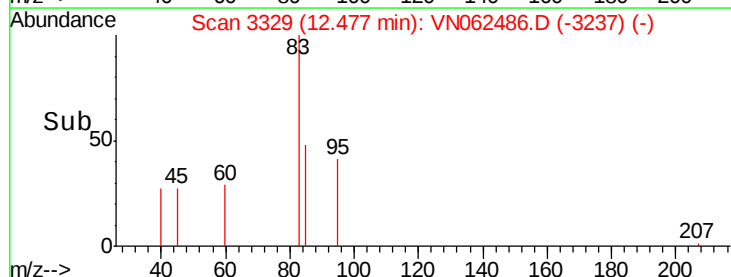
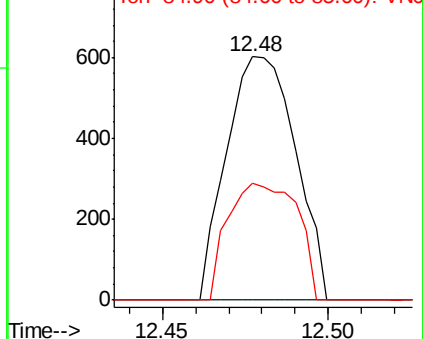
83 100

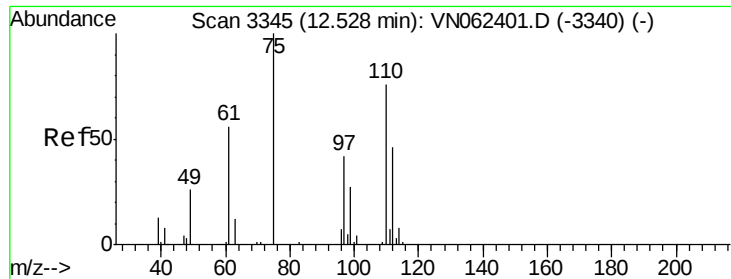
131 0.0 4.5 13.5#

85 48.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): V
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 26.338 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062486.D

Acq: 10 Jul 2020 12:18

Instrument :

MSVOA_N

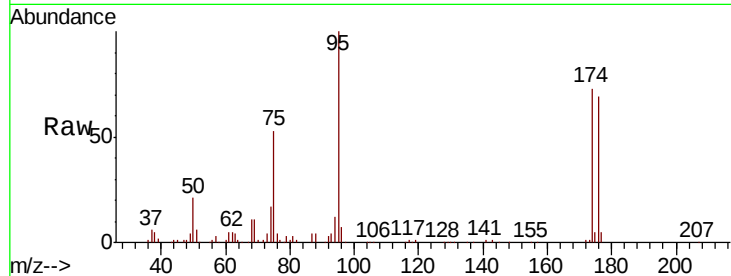
ClientSampleId :

Tot Ion: 75 Resp: 89880

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#

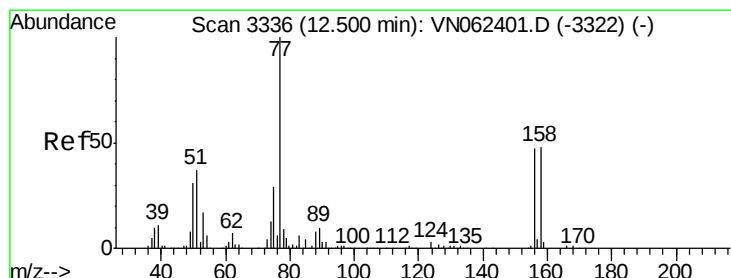
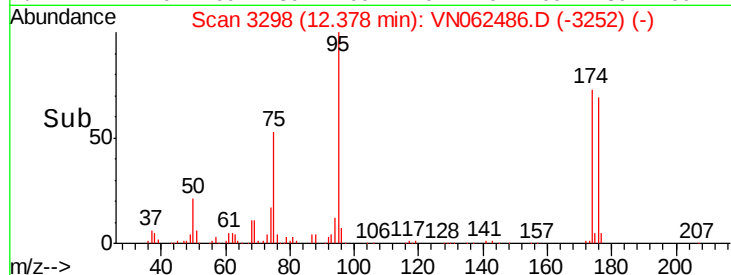


Abundance Ion 74.90 (74.60 to 75.60): VN062401.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN062401.D (-3340) (-)

12.38

Time-->



#77

Bromobenzene

Concen: 0.216 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062486.D

Acq: 10 Jul 2020 12:18

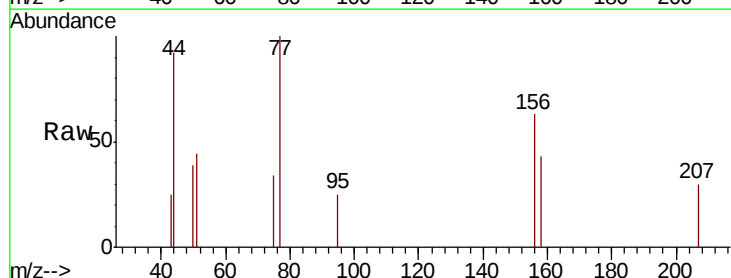
Tgt Ion: 156 Resp: 528

Ion Ratio Lower Upper

156 100

77 260.0 126.4 379.3

158 75.9 49.8 149.4



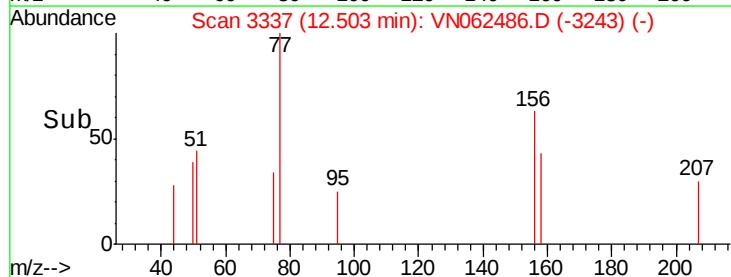
Abundance Ion 155.80 (155.50 to 156.50): VN062401.D (-3322) (-)

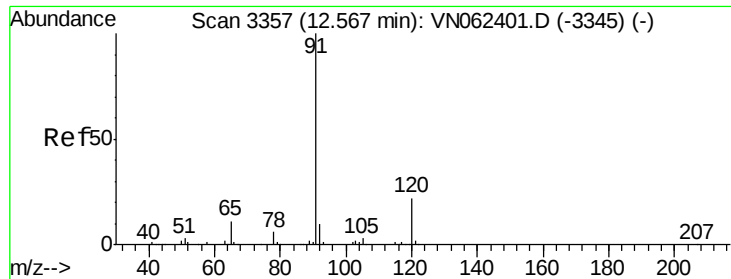
Ion 77.00 (76.70 to 77.70): VN062401.D (-3322) (-)

Ion 157.80 (157.50 to 158.50): VN062401.D (-3322) (-)

12.50

Time-->

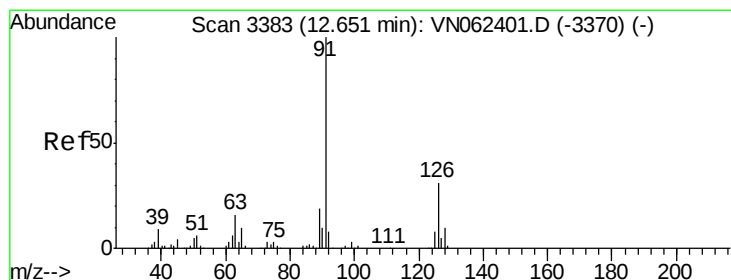
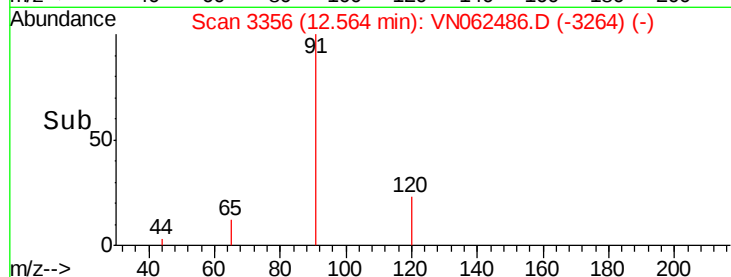
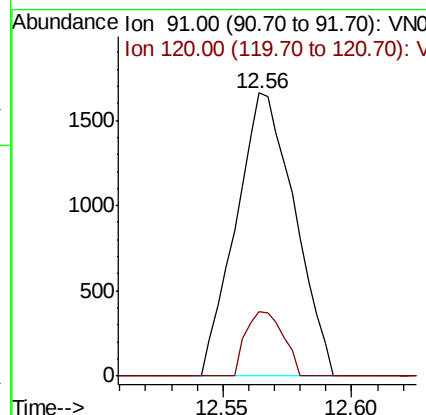
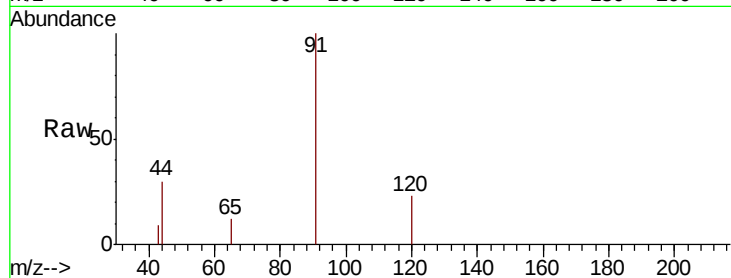




#78
n-propylbenzene
Concen: 0.209 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062486.D
Acq: 10 Jul 2020 12:18

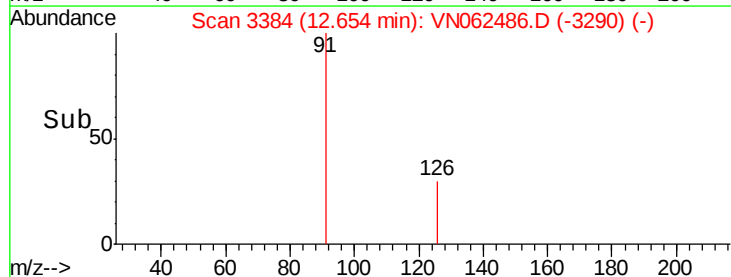
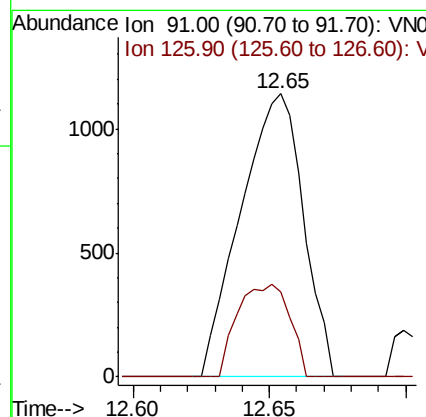
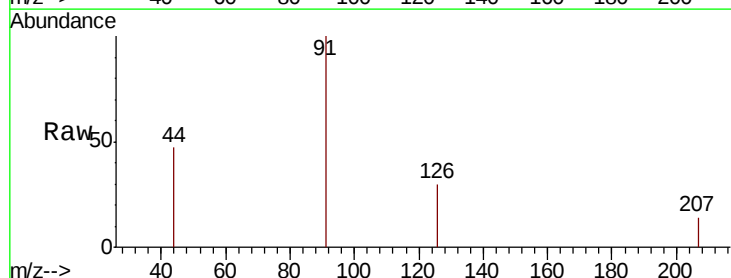
Instrument :
MSVOA_N
ClientSampleId :

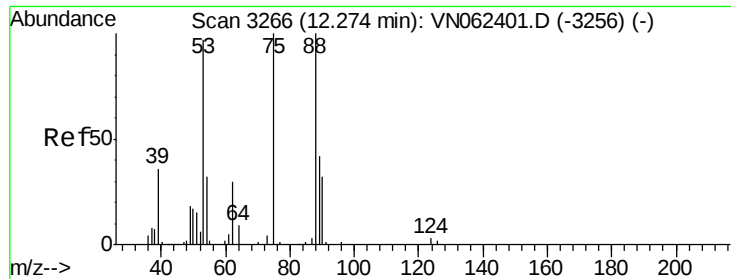
Tot Ion: 91 Resp: 2626
Ion Ratio Lower Upper
91 100
120 14.6 10.7 32.1



#79
2-Chlorotoluene
Concen: 0.238 ug/l
RT: 12.65 min Scan# 3384
Delta R.T. 0.00 min
Lab File: VN062486.D
Acq: 10 Jul 2020 12:18

Tgt Ion: 91 Resp: 1813
Ion Ratio Lower Upper
91 100
126 27.2 15.6 46.7





#81

trans-1,4-Dichloro-2-butene

Concen: 70.495 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062486.D

Acq: 10 Jul 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

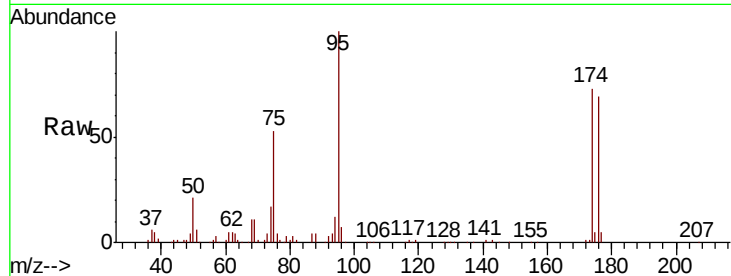
Tot Ion: 75 Resp: 89880

Ion Ratio Lower Upper

75 100

53 0.0 79.2 118.8#

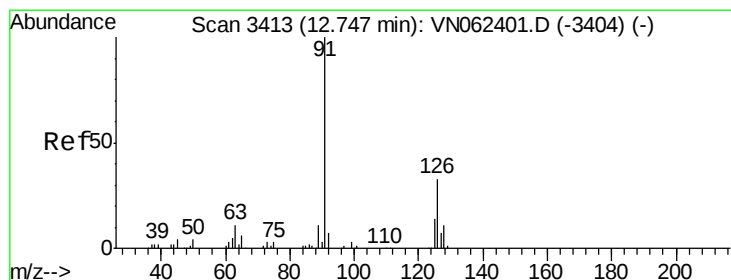
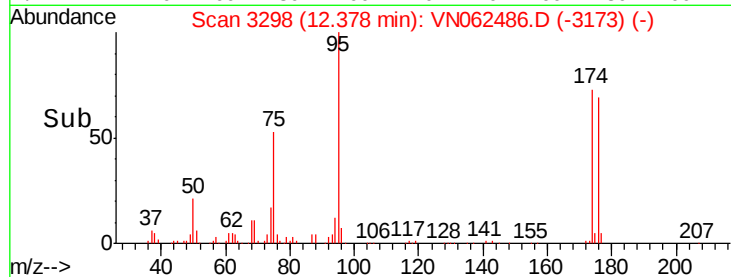
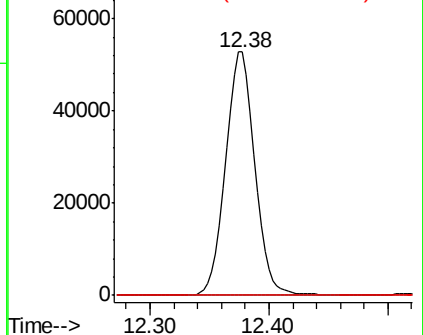
89 0.0 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.223 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062486.D

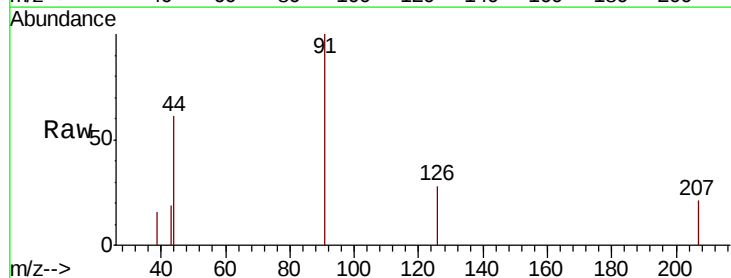
Acq: 10 Jul 2020 12:18

Tgt Ion: 91 Resp: 1725

Ion Ratio Lower Upper

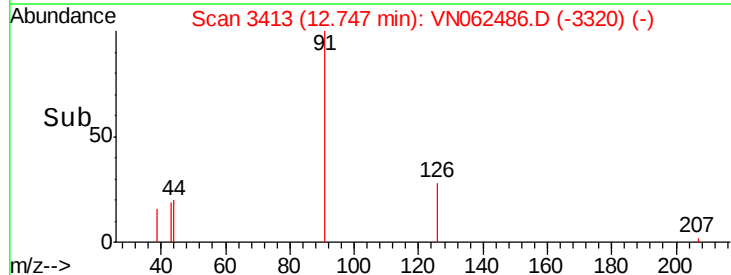
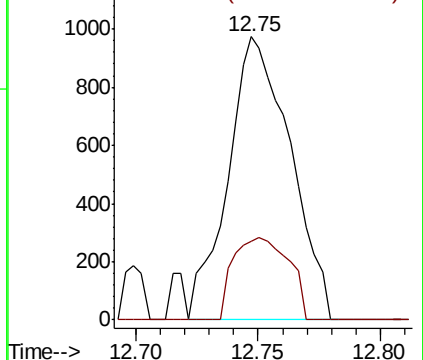
91 100

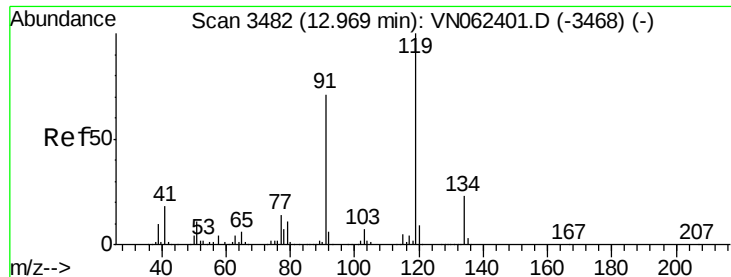
126 26.0 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

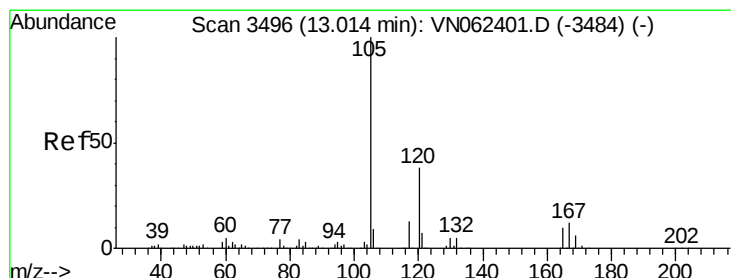
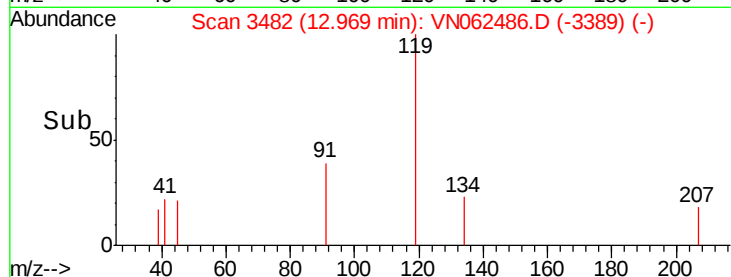
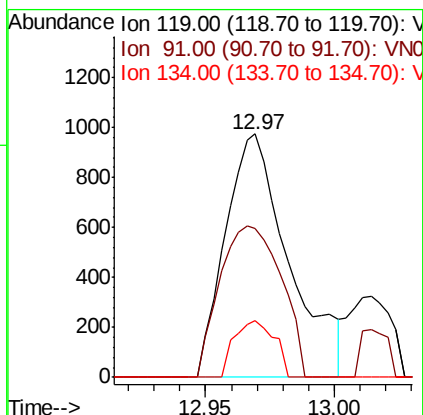
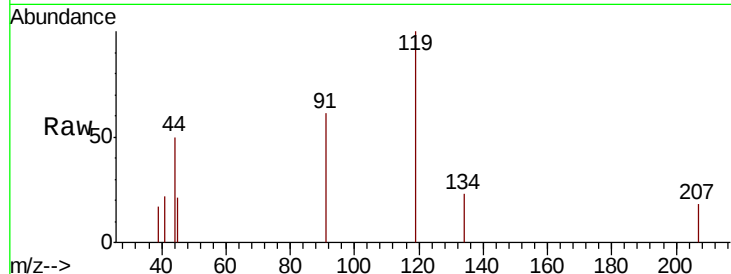




#83
tert-Butylbenzene
Concen: 0.223 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062486.D
Acq: 10 Jul 2020 12:18

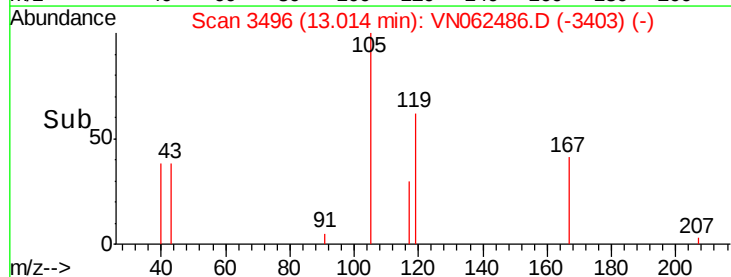
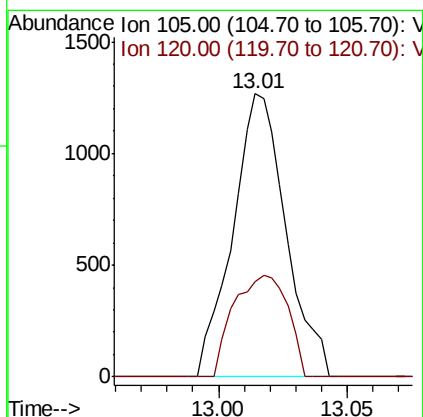
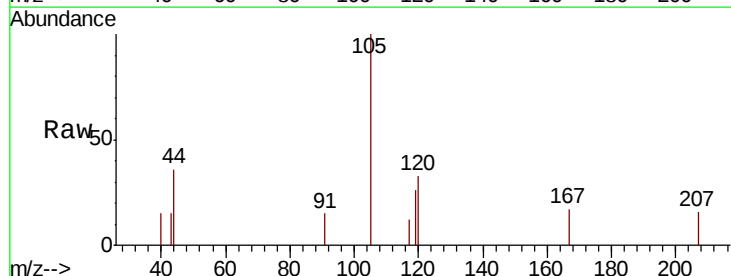
Instrument :
MSVOA_N
ClientSampleId :

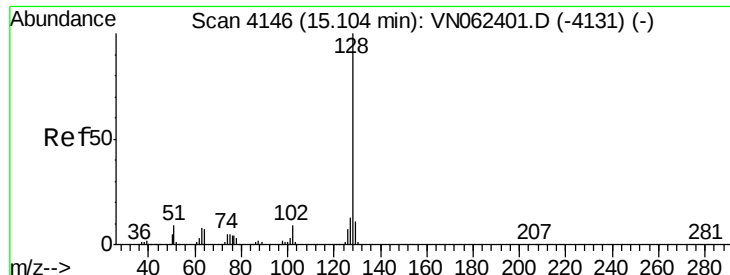
Tot Ion:119 Resp: 1672
Ion Ratio Lower Upper
119 100
91 60.2 34.8 104.3
134 14.7 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 0.208 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062486.D
Acq: 10 Jul 2020 12:18

Tgt Ion:105 Resp: 1822
Ion Ratio Lower Upper
105 100
120 36.4 21.6 64.8





#95

Naphthalene

Concen: 0.287 ug/l

RT: 15.11 min Scan# 4149

Delta R.T. 0.01 min

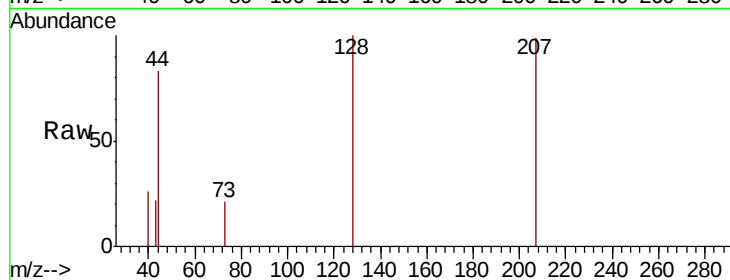
Lab File: VN062486.D

Acq: 10 Jul 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :



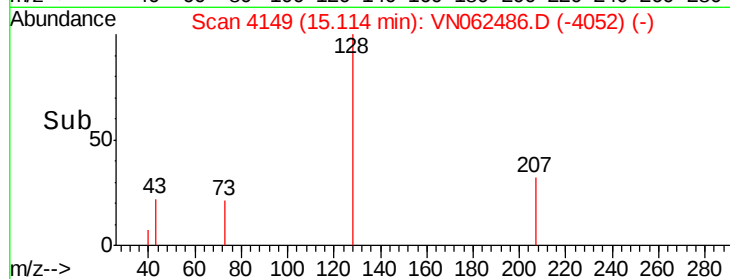
Tot Ion:128 Resp: 1491

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.6 12.8#



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

