

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061468.D
 Acq On : 19 May 2020 8:29
 Operator : JC/MD
 Sample : L2645-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-051320

Quant Time: May 19 08:53:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	358555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	644832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	613525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	343022	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	230910	43.15	ug/l	0.00
Spiked Amount			Recovery	=	86.30%	
35) Dibromofluoromethane	7.55	113	13488	3.99	ug/l	0.00
Spiked Amount			Recovery	=	7.98%	
50) Toluene-d8	10.06	98	768769	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.38	95	318138	54.35	ug/l	0.00
Spiked Amount			Recovery	=	108.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	11372	2.339	ug/l	95
5) Bromomethane	2.54	94	284	Below Cal	#	31
6) Chloroethane	2.67	64	17125	3.656	ug/l	97
8) Diethyl Ether	3.10	74	1452	0.590	ug/l #	1
10) Methyl Iodide	3.91	142	1361	0.319	ug/l #	75
11) Tert butyl alcohol	4.73	59	197748	320.713	ug/l #	73
13) Acrolein	3.53	56	187669	441.344	ug/l #	1
14) Allyl chloride	4.37	41	488070	81.600	ug/l #	51
15) Acrylonitrile	5.00	53	130074	71.205	ug/l #	39
16) Acetone	3.77	43	599064	446.586	ug/l #	81
17) Carbon Disulfide	4.01	76	35580	1.402	ug/l #	94
18) Methyl Acetate	4.35	43	201733	55.079	ug/l #	49
19) Methyl tert-butyl Ether	4.99	73	1577942	113.137	ug/l #	1
20) Methylene Chloride	4.51	84	31221	7.099	ug/l #	1
22) Diisopropyl ether	5.91	45	19206	1.429	ug/l #	47
23) Vinyl Acetate	5.81	43	104877	9.812	ug/l #	72
24) 1,1-Dichloroethane	5.81	63	27066	3.452	ug/l	94
25) 2-Butanone	6.79	43	253437	104.018	ug/l	98
26) 2,2-Dichloropropane	6.58	77	51347	6.871	ug/l #	54
28) Bromochloromethane	7.33	49	72605	21.819	ug/l #	13
29) Tetrahydrofuran	7.17	42	3623	2.245	ug/l #	39
30) Chloroform	7.33	83	993496	121.333	ug/l	100
31) Cyclohexane	7.61	56	1471761	223.638	ug/l	97
36) 1,1-Dichloropropene	7.63	75	29366	4.870	ug/l #	50
37) Ethyl Acetate	6.79	43	253437	46.349	ug/l #	67
38) Carbon Tetrachloride	7.63	117	36471	6.569	ug/l #	15
39) Methylcyclohexane	9.05	83	945084	128.332	ug/l	97
40) Benzene	8.00	78	13352478	734.846	ug/l #	24
41) Methacrylonitrile	7.17	41	21523	9.319	ug/l #	15
42) 1,2-Dichloroethane	8.00	62	256750	39.219	ug/l	88
43) Isopropyl Acetate	8.09	43	619724	64.981	ug/l #	52
44) Trichloroethene	8.80	130	1873	0.393	ug/l	84
45) 1,2-Dichloropropane	9.05	63	15073	3.314	ug/l #	1
47) Bromodichloromethane	9.37	83	42159	6.276	ug/l #	75

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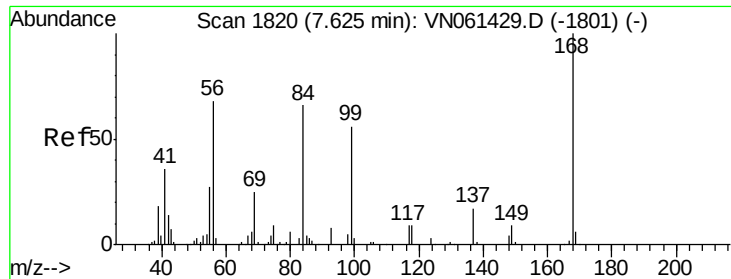
Instrument :
 MSVOA_N
 ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

48) Methyl methacrylate	9.11	41	11769	2.671	ug/l #	9
49) 1,4-Dioxane	9.17	88	261	Below Cal	#	1
51) 4-Methyl-2-Pentanone	9.96	43	106590	20.517	ug/l #	74
52) Toluene	10.13	92	13640763	1169.320	ug/l #	55
53) t-1,3-Dichloropropene	10.13	75	768251	104.342	ug/l #	1
55) 1,1,2-Trichloroethane	10.50	97	48349	10.963	ug/l #	19
56) Ethyl methacrylate	10.41	69	25544	3.705	ug/l #	27
58) 2-Chloroethyl Vinyl ether	9.70	63	1179	0.390	ug/l #	1
59) 2-Hexanone	10.72	43	184339	49.043	ug/l	77
60) Dibromochloromethane	10.87	129	1921	0.394	ug/l	100
65) Chlorobenzene	11.41	112	51525	4.118	ug/l	97
67) Ethyl Benzene	11.49	91	12924934	565.944	ug/l #	1
68) m/p-Xylenes	11.62	106	14957186	1725.444	ug/l #	1
69) o-Xylene	11.93	106	9268330	1104.853	ug/l	42
70) Styrene	11.93	104	1107788	79.746	ug/l #	1
71) Bromoform	12.10	173	919	2.273	ug/l #	29
73) Isopropylbenzene	12.22	105	2836582	103.008	ug/l	96
74) N-amyl acetate	12.05	43	10164	1.008	ug/l #	33
75) 1,1,2,2-Tetrachloroethane	12.38	83	4110	0.542	ug/l	75
76) 1,2,3-Trichloropropane	12.57	75	55707	7.568	ug/l #	100
77) Bromobenzene	12.46	156	1702	0.285	ug/l #	1
78) n-propylbenzene	12.57	91	6502666	207.248	ug/l #	72
79) 2-Chlorotoluene	12.63	91	3403232	183.503	ug/l #	45
80) 1,3,5-Trimethylbenzene	12.63	105	9565997	424.257	ug/l	73
81) trans-1,4-Dichloro-2-buten	12.22	75	30658	11.050	ug/l #	64
82) 4-Chlorotoluene	12.71	91	1155261	60.160	ug/l #	43
83) tert-Butylbenzene	13.02	119	4763758	246.652	ug/l #	57
84) 1,2,4-Trimethylbenzene	12.87	105	7317010	324.259	ug/l	90
85) sec-Butylbenzene	13.15	105	432682	16.568	ug/l #	63
86) p-Isopropyltoluene	13.27	119	162685	7.015	ug/l #	74
87) 1,3-Dichlorobenzene	13.34	146	67284	6.152	ug/l	95
88) 1,4-Dichlorobenzene	13.34	146	67284	6.143	ug/l	94
89) n-Butylbenzene	13.56	91	159452	7.568	ug/l #	1
90) Hexachloroethane	13.86	117	303489	96.561	ug/l #	17
91) 1,2-Dichlorobenzene	13.63	146	31072	2.962	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.22	75	15598	10.192	ug/l #	5
93) 1,2,4-Trichlorobenzene	14.89	180	2481	0.436	ug/l #	77
95) Naphthalene	15.10	128	7140540	394.826	ug/l #	84

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061468.D

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Instrument :

MSVOA_N

ClientSampled :

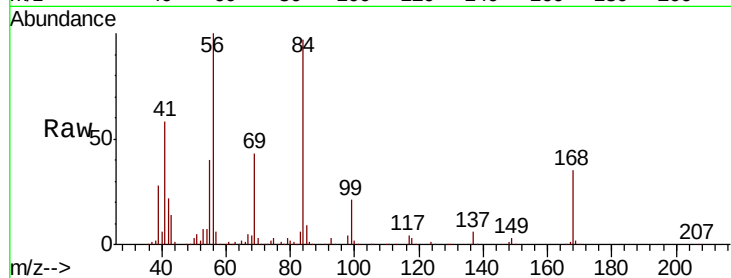
DUP-051320

Tot Ion:168 Resp: 358555

Ion Ratio Lower Upper

168 100

99 58.3 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): VN061429.D (-1801) (-)

Ion 98.90 (98.60 to 99.60): VN061429.D (-1801) (-)

7.63

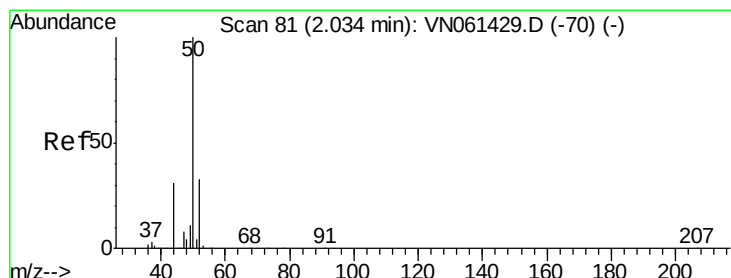
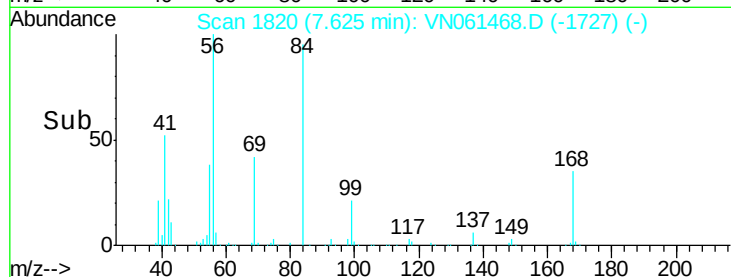
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 2.339 ug/l

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN061468.D

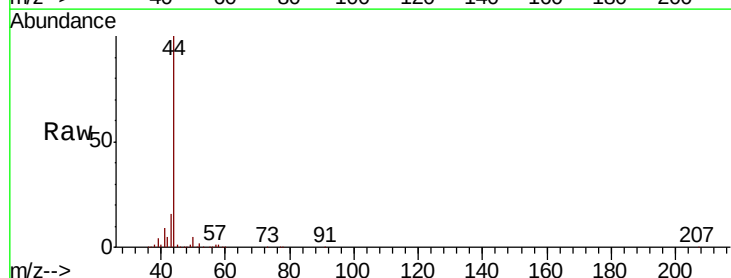
Acq: 19 May 2020 8:29

Tgt Ion: 50 Resp: 11372

Ion Ratio Lower Upper

50 100

52 30.4 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN061429.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN061429.D (-70) (-)

2.03

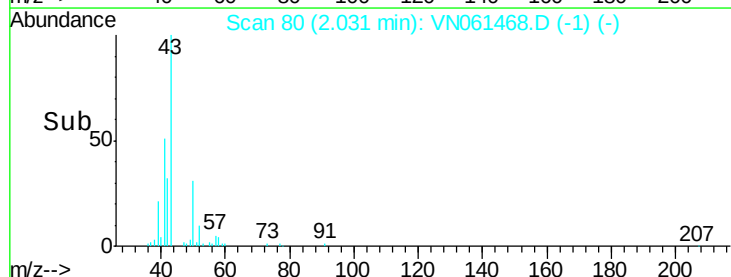
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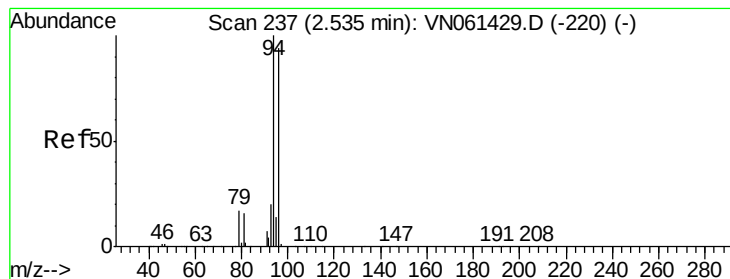
10000

5000

0

Time--> 2.00 2.05





#5

Bromomethane

Concen: Below Cal

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampled :

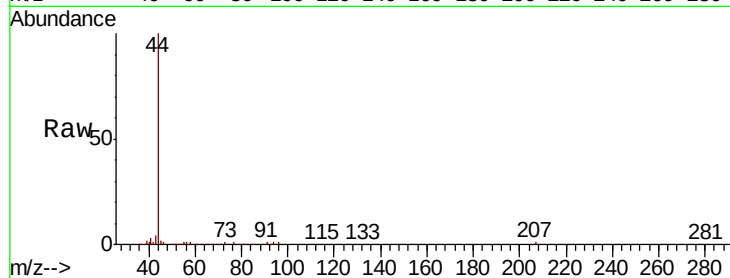
DUP-051320

Tot Ion: 94 Resp: 284

Ion Ratio Lower Upper

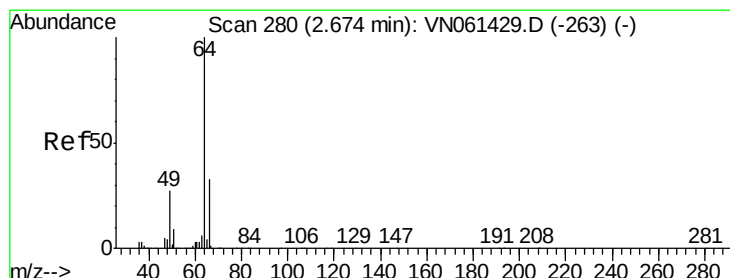
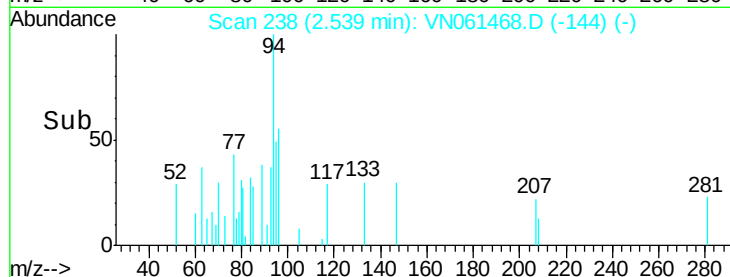
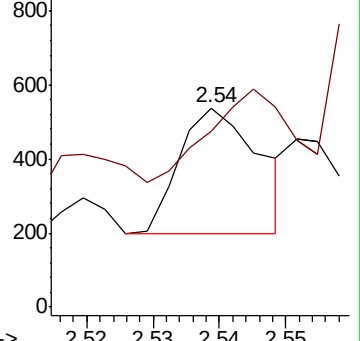
94 100

96 27.0 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 3.656 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061468.D

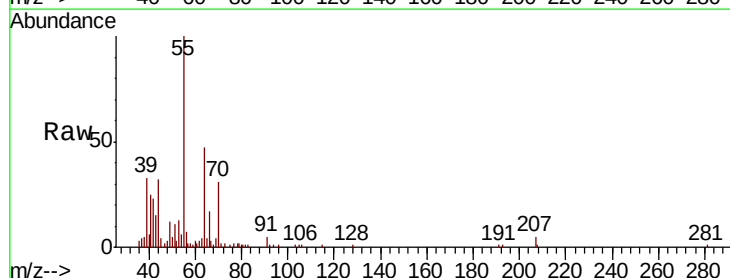
Acq: 19 May 2020 8:29

Tgt Ion: 64 Resp: 17125

Ion Ratio Lower Upper

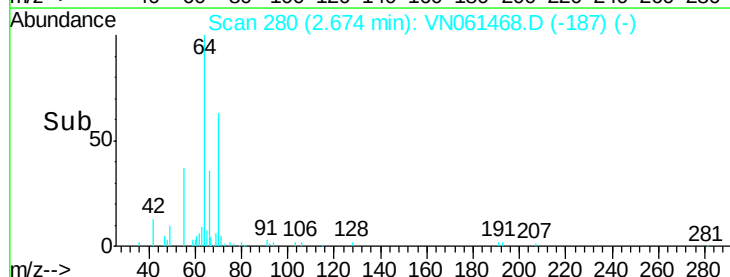
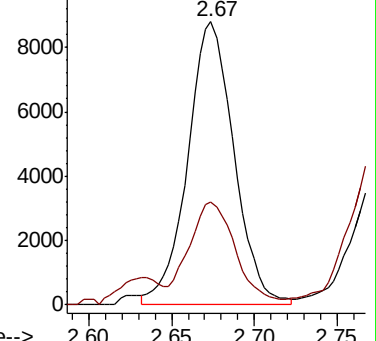
64 100

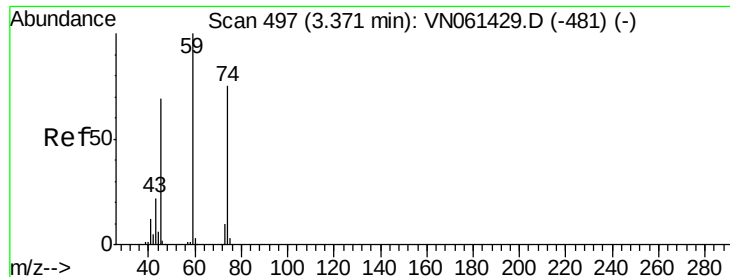
66 34.6 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#8

Diethyl Ether

Concen: 0.590 ug/l

RT: 3.10 min Scan# 414

Delta R.T. -0.27 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampled :

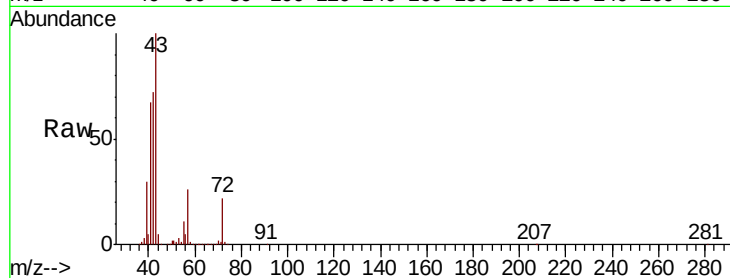
DUP-051320

Tot Ion: 74 Resp: 1452

Ion Ratio Lower Upper

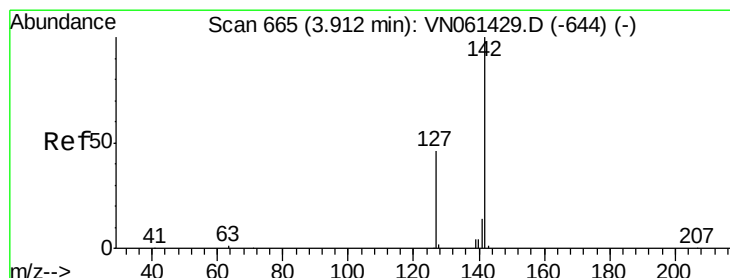
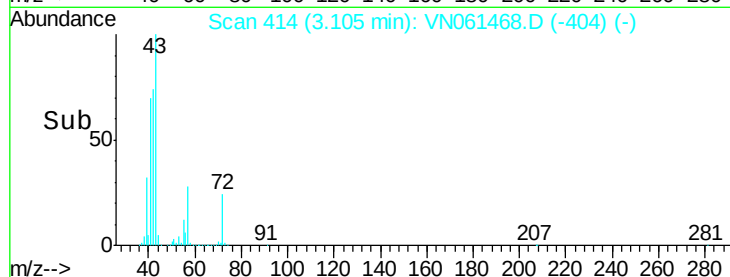
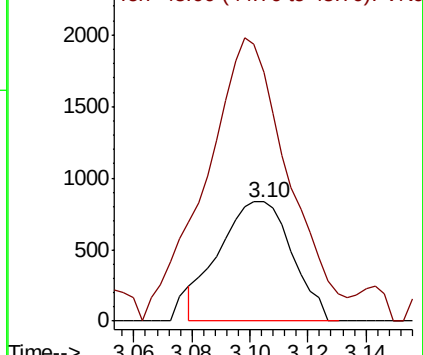
74 100

45 204.2 45.7 137.1#



Abundance Ion 74.00 (73.70 to 74.70): VN061429.D (-481) (-)

Ion 45.00 (44.70 to 45.70): VN061429.D (-481) (-)



#10

Methyl Iodide

Concen: 0.319 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

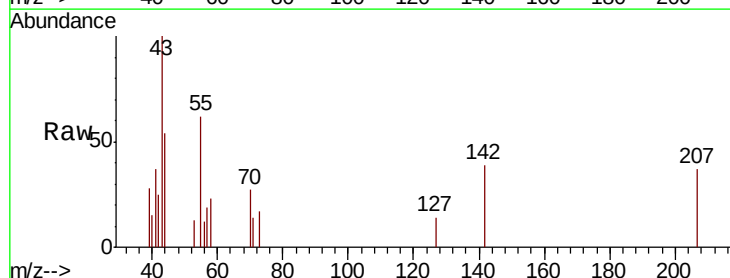
Tgt Ion: 142 Resp: 1361

Ion Ratio Lower Upper

142 100

127 31.4 36.7 55.1#

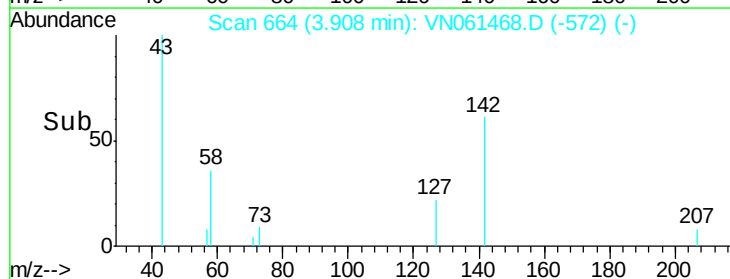
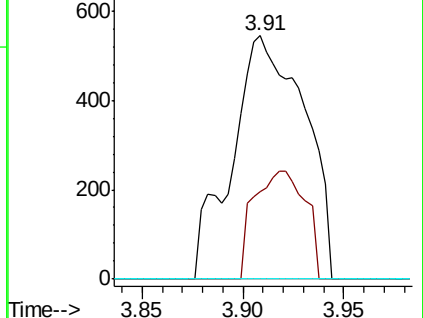
141 0.0 11.5 17.3#

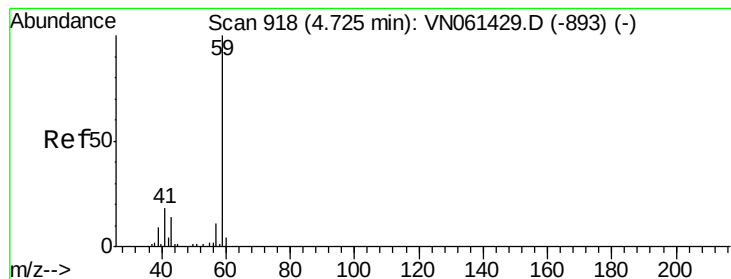


Abundance Ion 141.80 (141.50 to 142.50): VN061429.D (-644) (-)

Ion 126.80 (126.50 to 127.50): VN061429.D (-644) (-)

Ion 140.80 (140.50 to 141.50): VN061429.D (-644) (-)



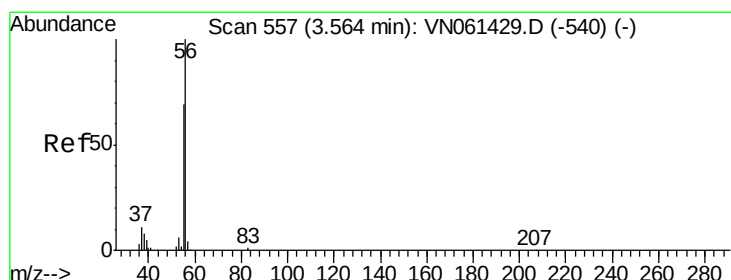
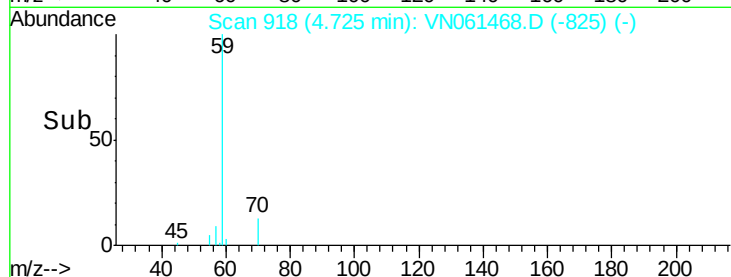
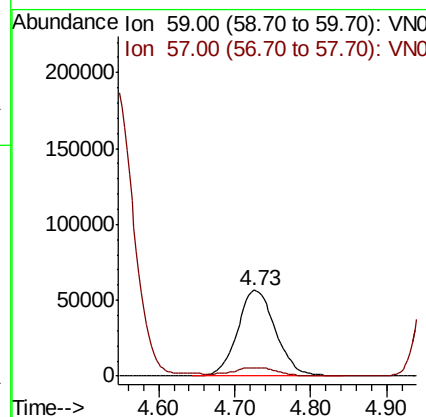
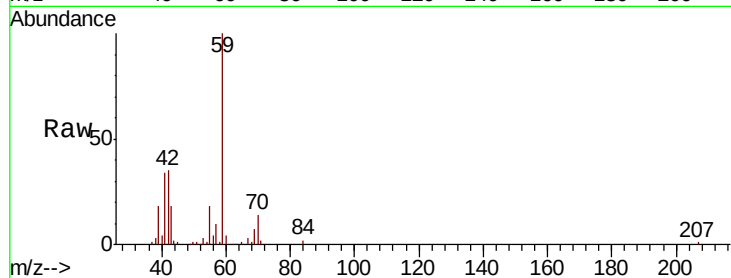


#11

Tert butyl alcohol
 Concen: 320.713 ug/l
 RT: 4.73 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: VN061468.D
 Acq: 19 May 2020 8:29

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-051320

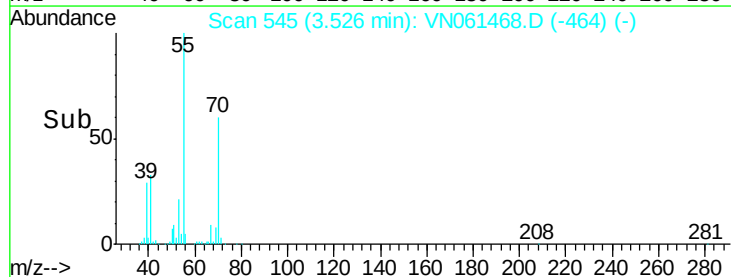
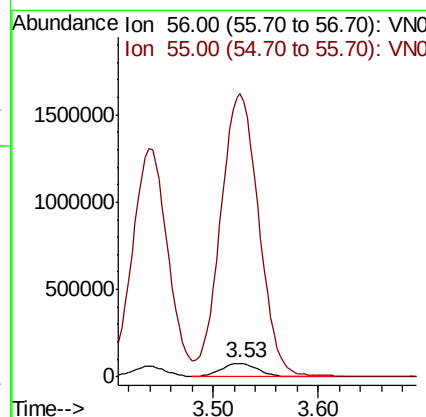
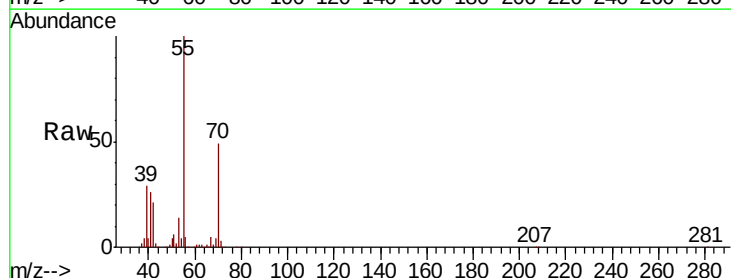
Tot Ion: 59 Resp: 197748
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

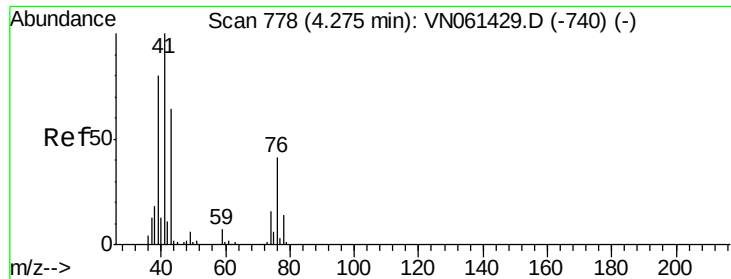


#13

Acrolein
 Concen: 441.344 ug/l
 RT: 3.53 min Scan# 545
 Delta R.T. -0.04 min
 Lab File: VN061468.D
 Acq: 19 May 2020 8:29

Tgt Ion: 56 Resp: 187669
 Ion Ratio Lower Upper
 56 100
 55 2161.9 54.8 82.2#

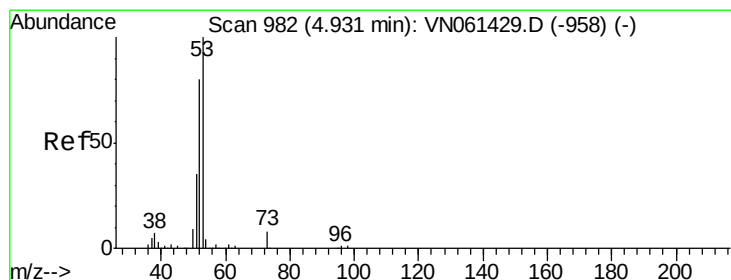
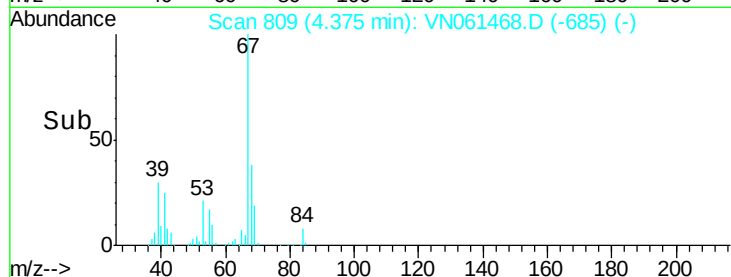
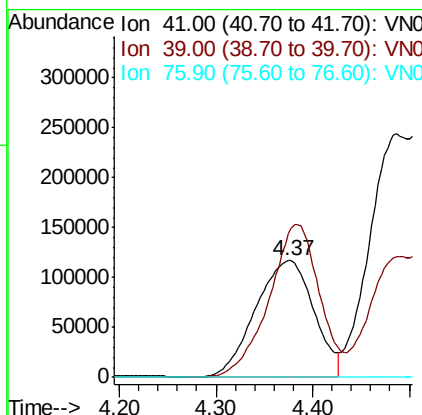
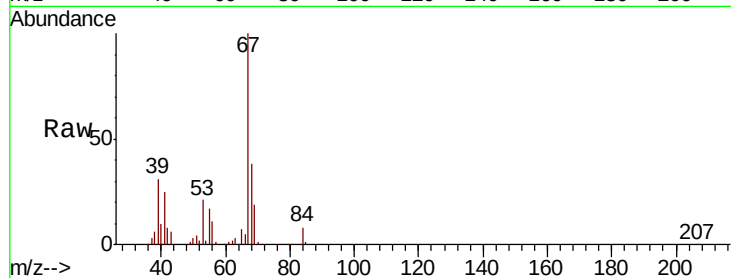




#14
Allvl chloride
Concen: 81.600 ug/l
RT: 4.37 min Scan# 809
Delta R.T. 0.10 min
Lab File: VN061468.D
Acq: 19 May 2020 8:29

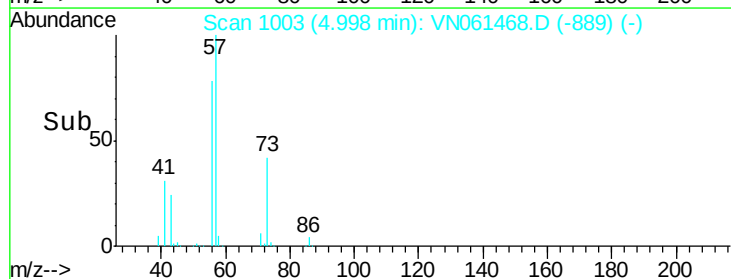
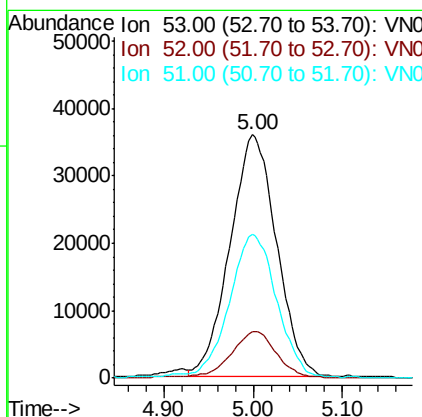
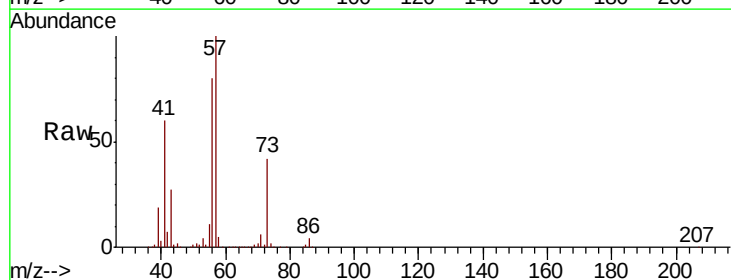
Instrument :
MSVOA_N
ClientSampled :
DUP-051320

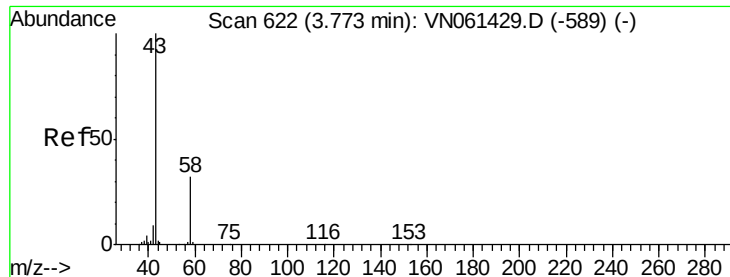
Tot Ion: 41 Resp: 488070
Ion Ratio Lower Upper
41 100
39 113.4 61.2 91.8#
76 0.0 29.9 44.9#



#15
Acrylonitrile
Concen: 71.205 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. 0.07 min
Lab File: VN061468.D
Acq: 19 May 2020 8:29

Tgt Ion: 53 Resp: 130074
Ion Ratio Lower Upper
53 100
52 19.2 64.7 97.1#
51 61.3 29.5 44.3#





#16

Acetone

Concen: 446.586 ug/l

RT: 3.77 min Scan# 620

Delta R.T. -0.01 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampled :

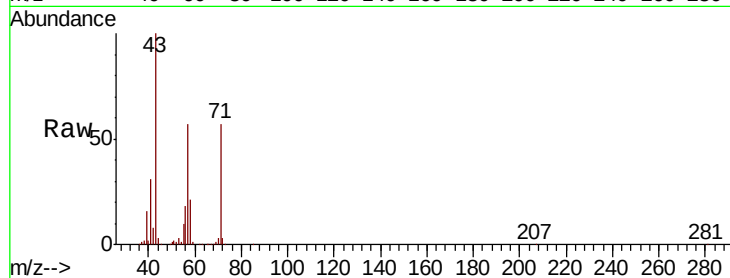
DUP-051320

Tot Ion: 43 Resp: 599064

Ion Ratio Lower Upper

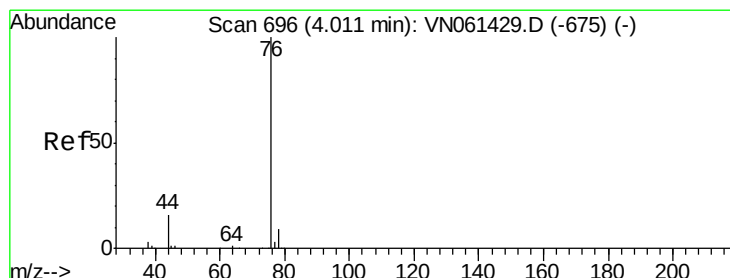
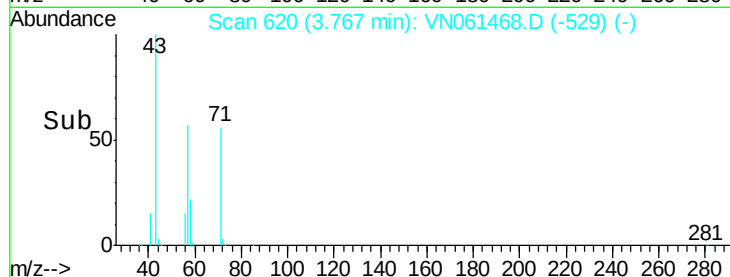
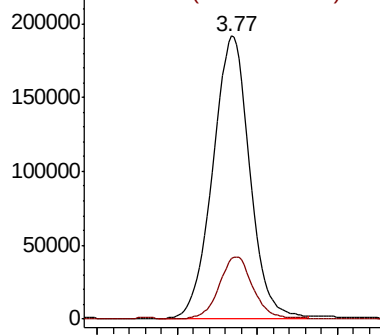
43 100

58 21.2 25.6 38.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 1.402 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN061468.D

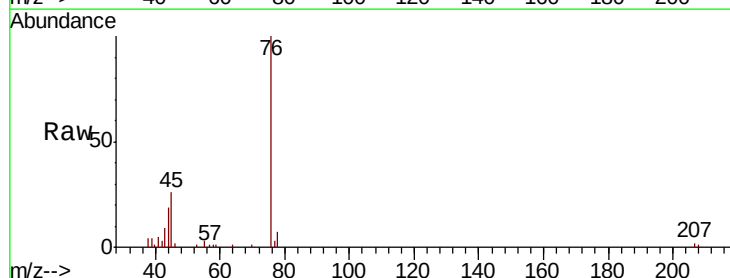
Acq: 19 May 2020 8:29

Tgt Ion: 76 Resp: 35580

Ion Ratio Lower Upper

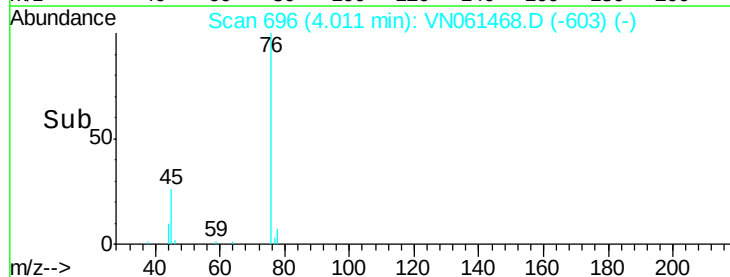
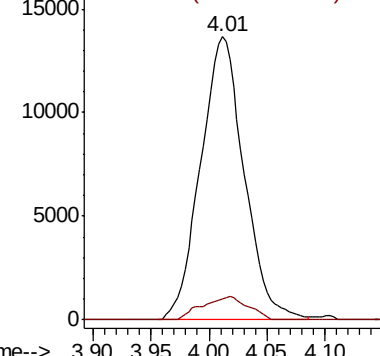
76 100

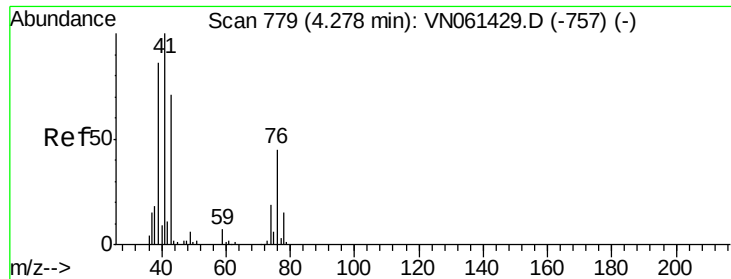
78 7.2 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

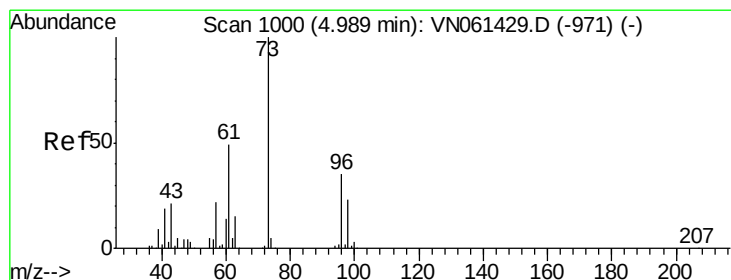
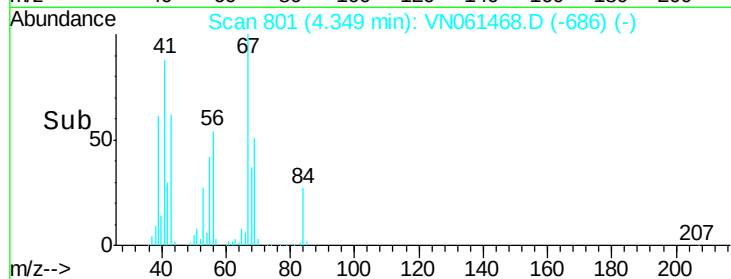
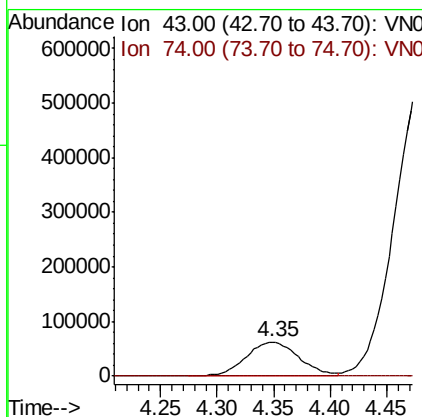
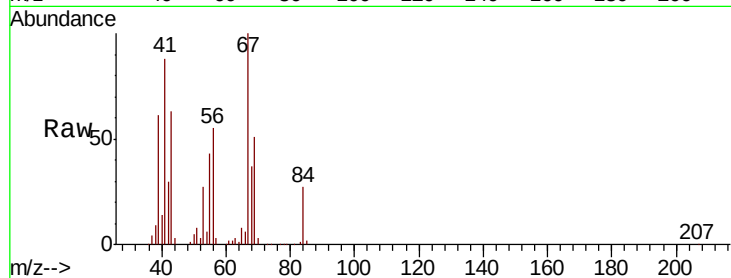




#18
Methyl Acetate
Concen: 55.079 ug/l
RT: 4.35 min Scan# 801
Delta R.T. 0.07 min
Lab File: VN061468.D
Acq: 19 May 2020 8:29

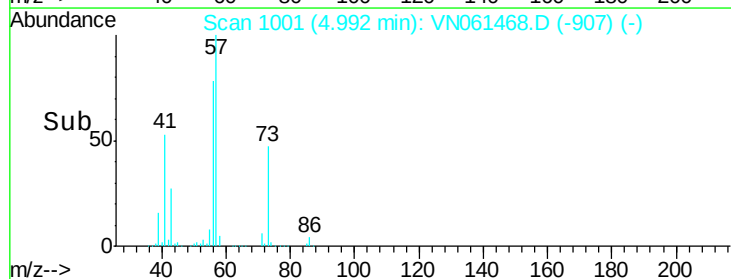
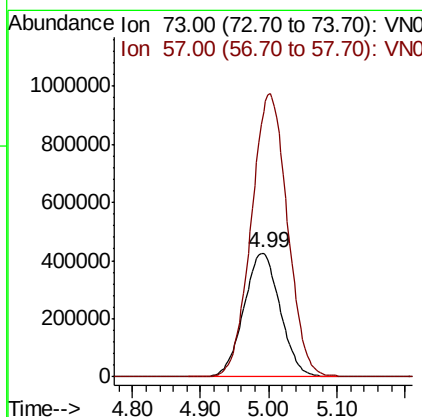
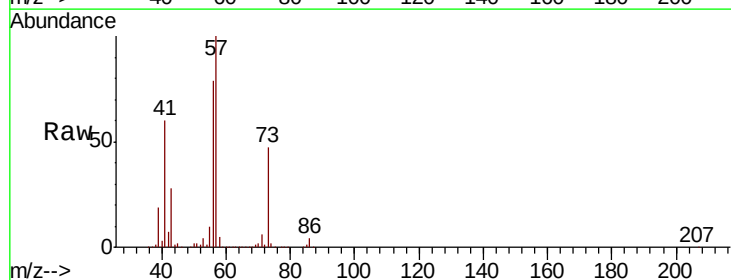
Instrument :
MSVOA_N
ClientSampled :
DUP-051320

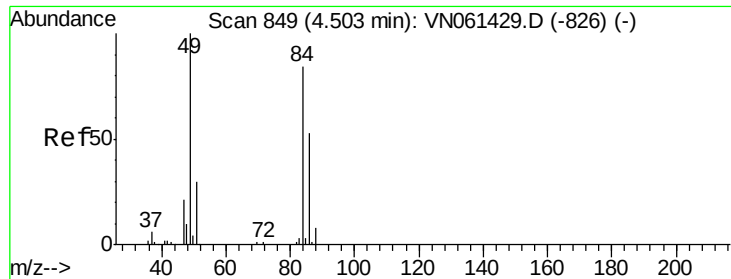
Tot Ion: 43 Resp: 201733
Ion Ratio Lower Upper
43 100
74 0.2 20.8 31.2#



#19
Methyl tert-butyl Ether
Concen: 113.137 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061468.D
Acq: 19 May 2020 8:29

Tgt Ion: 73 Resp: 1577942
Ion Ratio Lower Upper
73 100
57 215.0 17.4 26.0#

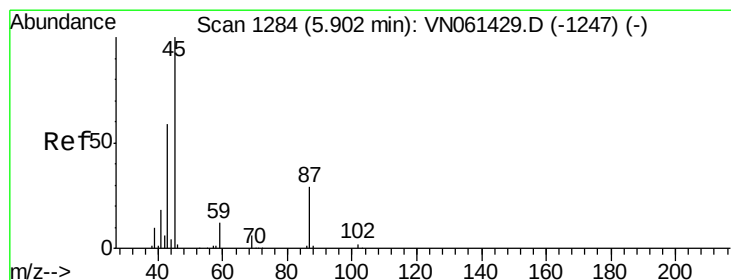
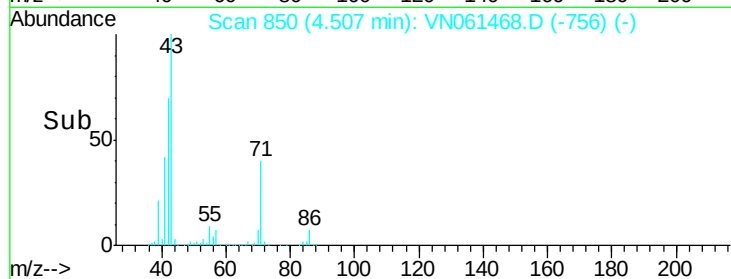
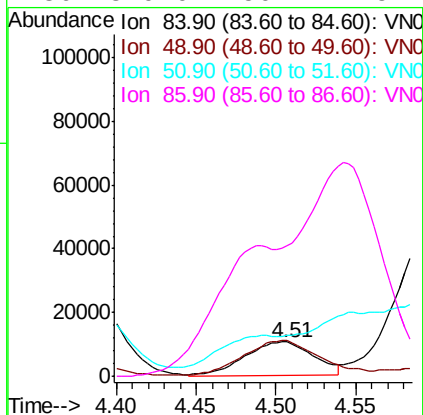
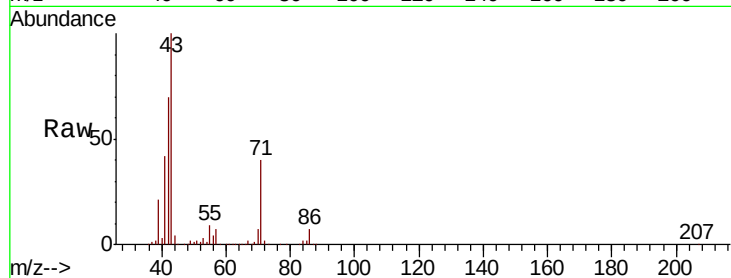




#20
Methylene Chloride
Concen: 7.099 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN061468.D
Acq: 19 May 2020 8:29

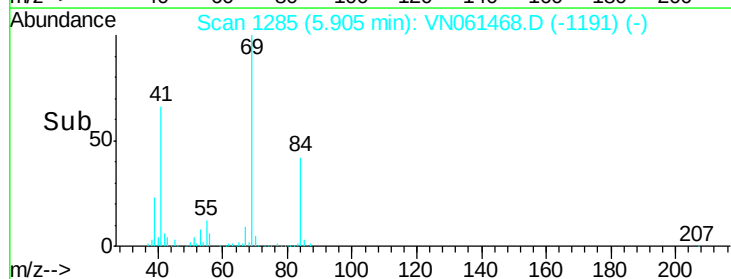
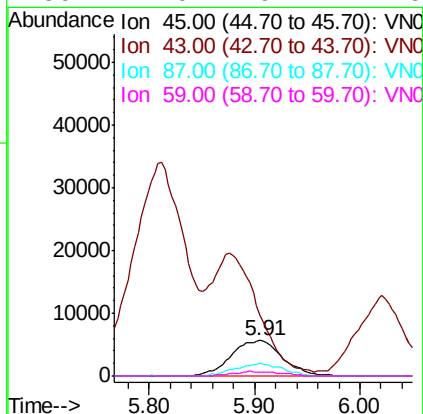
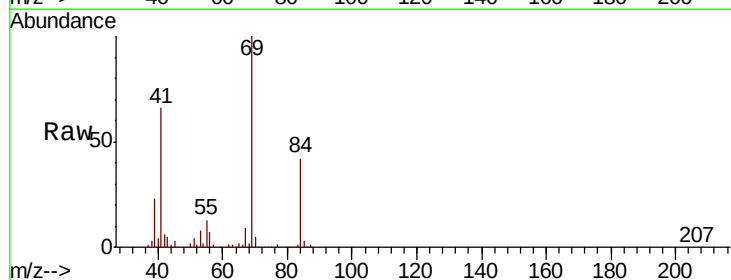
Instrument :
MSVOA_N
ClientSampled :
DUP-051320

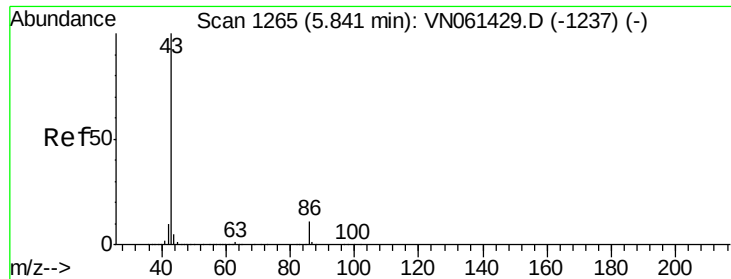
Tot Ion: 84 Resp: 31221
Ion Ratio Lower Upper
84 100
49 106.9 95.3 142.9
51 95.1 29.0 43.6#
86 319.0 50.2 75.2#



#22
Diisopropyl ether
Concen: 1.429 ug/l
RT: 5.91 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VN061468.D
Acq: 19 May 2020 8:29

Tgt Ion: 45 Resp: 19206
Ion Ratio Lower Upper
45 100
43 124.2 47.9 71.9#
87 34.8 24.0 36.0
59 11.0 9.7 14.5





#23

Vinyl Acetate

Concen: 9.812 ug/l

RT: 5.81 min Scan# 1256

Delta R.T. -0.03 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampleId :

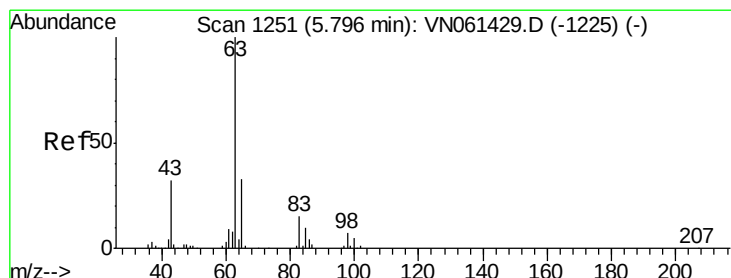
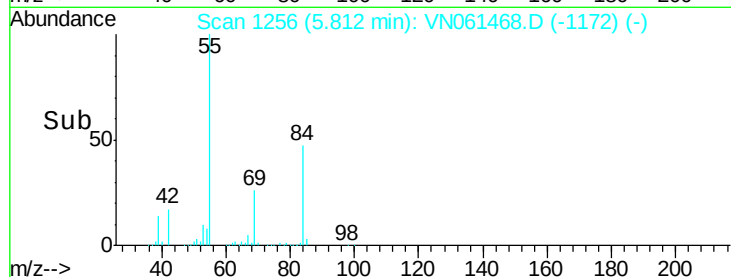
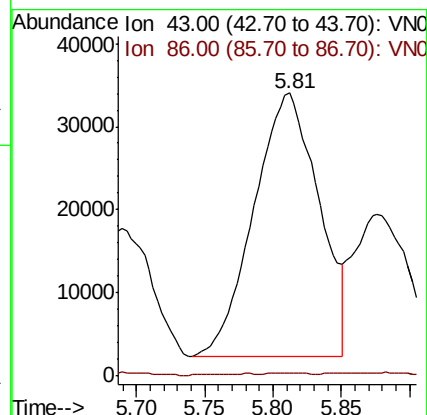
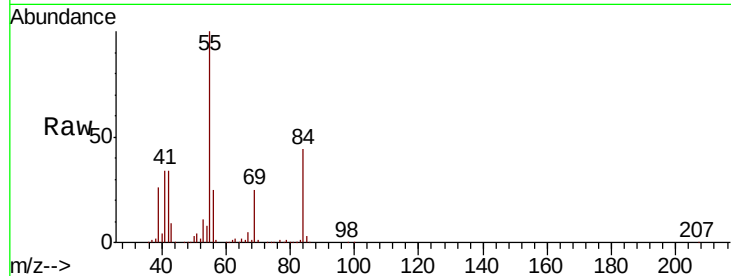
DUP-051320

Tot Ion: 43 Resp: 104877

Ion Ratio Lower Upper

43 100

86 0.7 9.1 13.7#



#24

1,1-Dichloroethane

Concen: 3.452 ug/l

RT: 5.81 min Scan# 1254

Delta R.T. 0.01 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

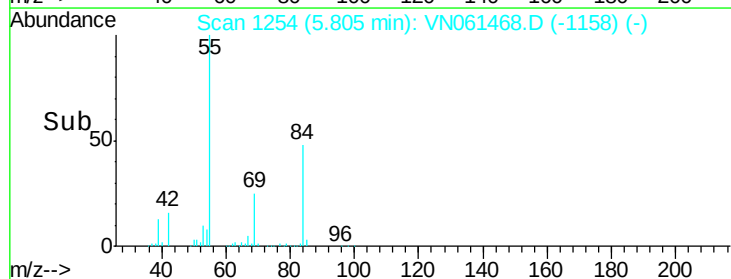
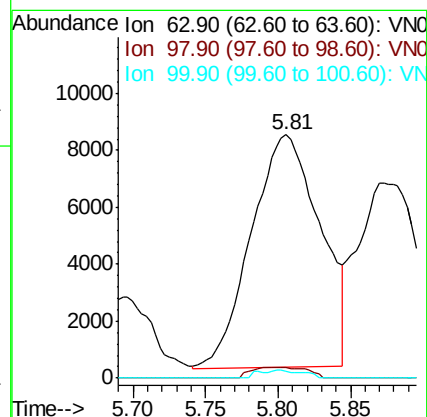
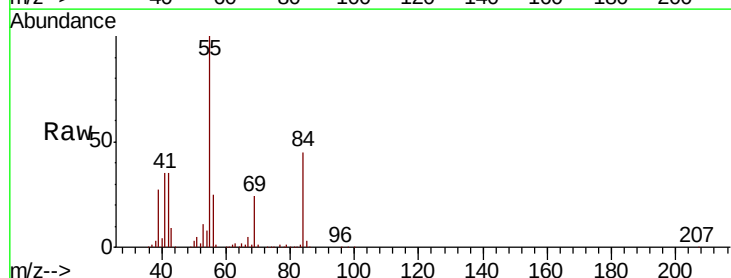
Tgt Ion: 63 Resp: 27066

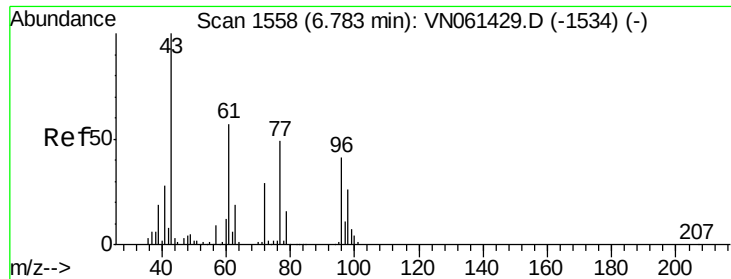
Ion Ratio Lower Upper

63 100

98 4.5 3.5 10.5

100 3.0 2.3 6.9





#25

2-Butanone

Concen: 104.018 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampleId :

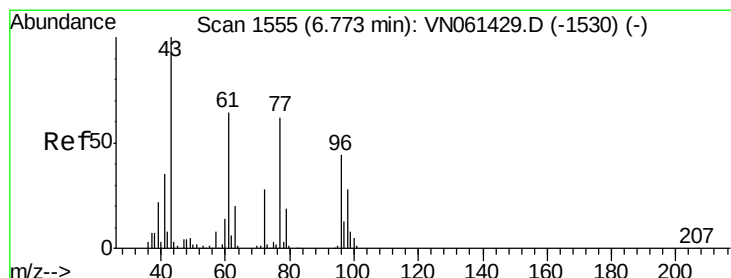
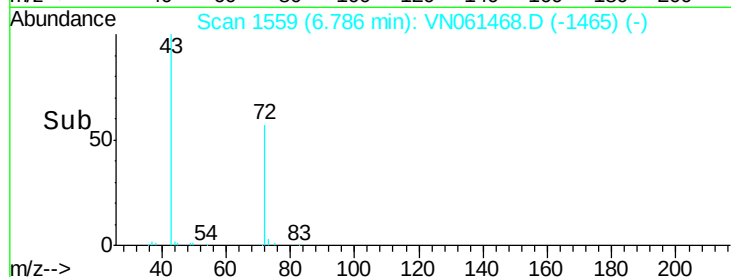
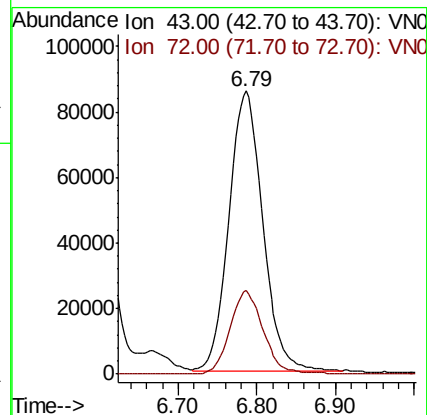
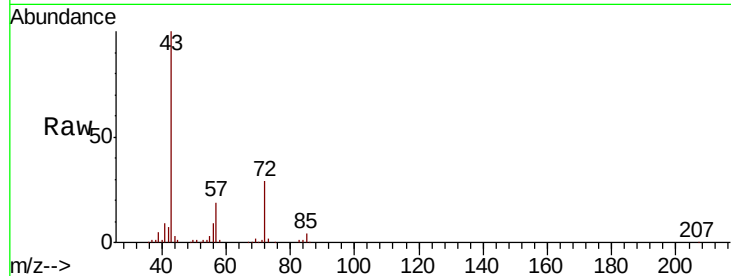
DUP-051320

Tot Ion: 43 Resp: 253437

Ion Ratio Lower Upper

43 100

72 29.8 23.0 34.6



#26

2,2-Dichloropropane

Concen: 6.871 ug/l

RT: 6.58 min Scan# 1496

Delta R.T. -0.19 min

Lab File: VN061468.D

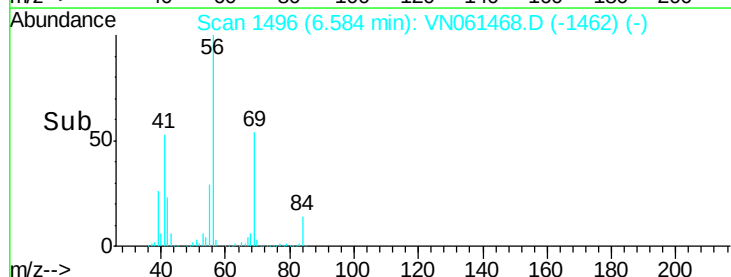
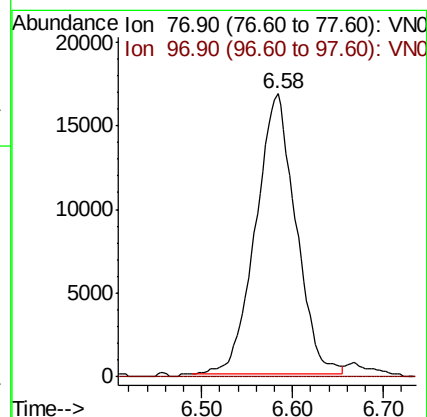
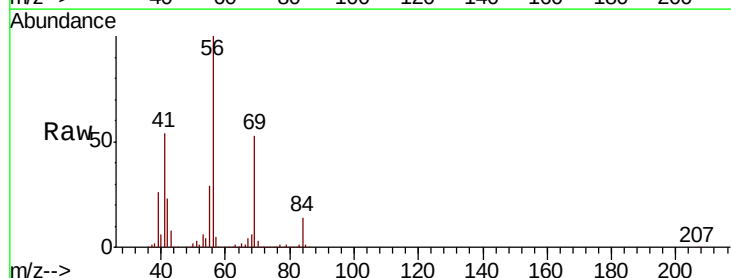
Acq: 19 May 2020 8:29

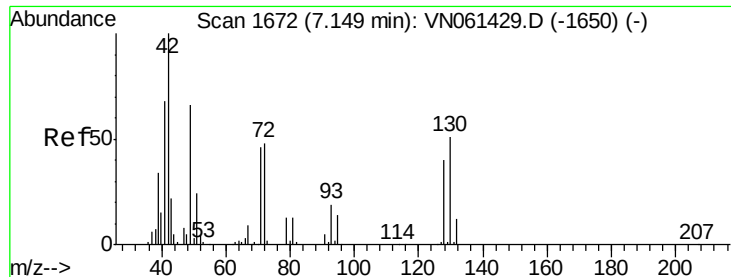
Tgt Ion: 77 Resp: 51347

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#





#28

Bromochloromethane

Concen: 21.819 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. 0.18 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampleId :

DUP-051320

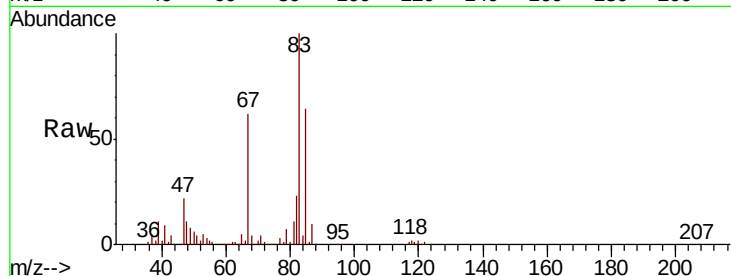
Tot Ion: 49 Resp: 72605

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

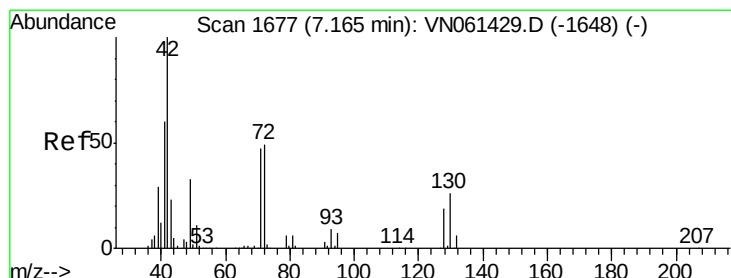
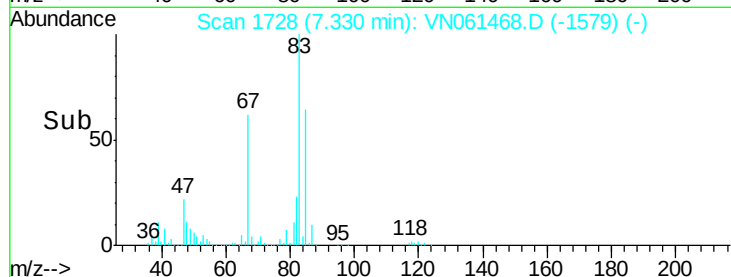
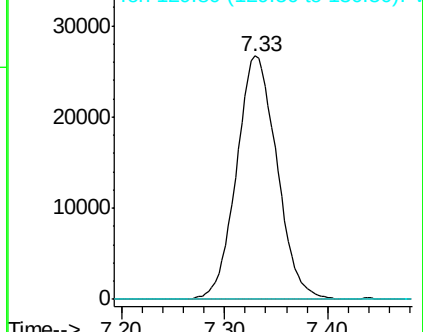
130 0.0 62.2 93.2#



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 2.245 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

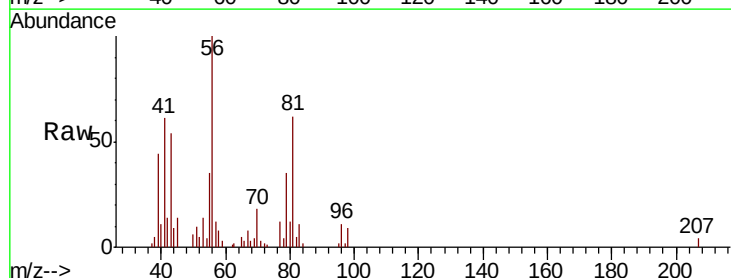
Tgt Ion: 42 Resp: 3623

Ion Ratio Lower Upper

42 100

72 12.5 39.0 58.6#

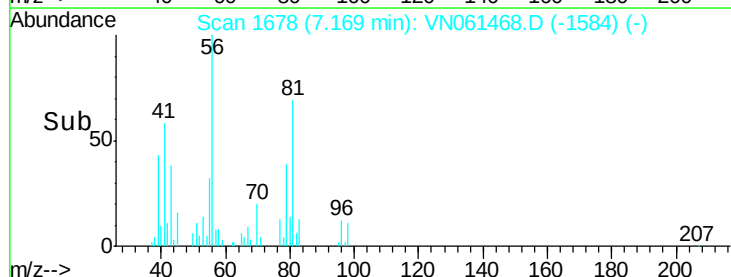
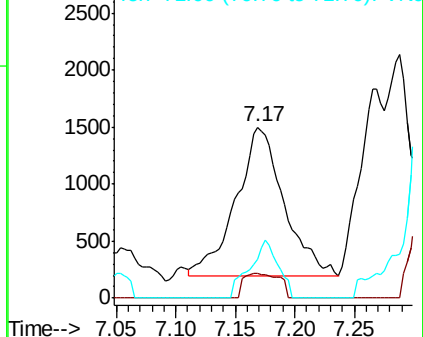
71 0.0 36.9 55.3#

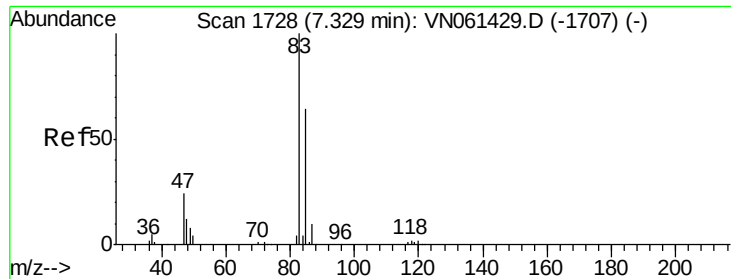


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

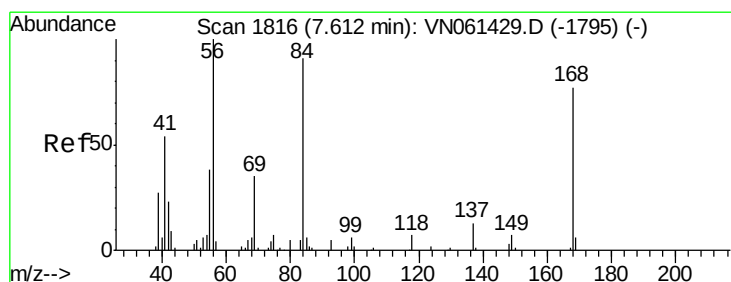
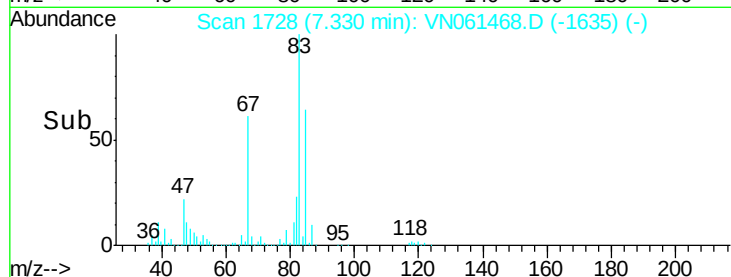
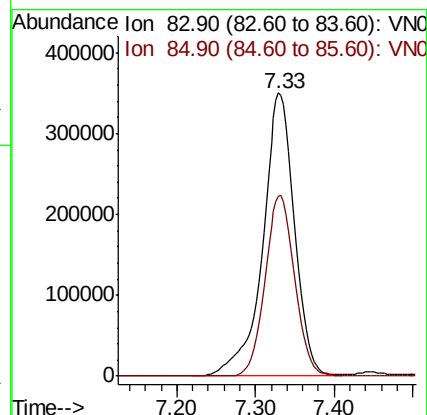
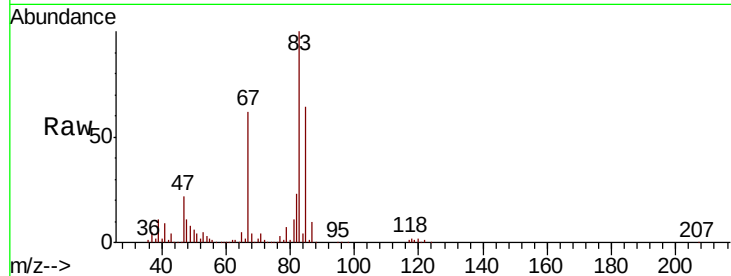




#30
Chloroform
Concen: 121.333 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061468.D
Acq: 19 May 2020 8:29

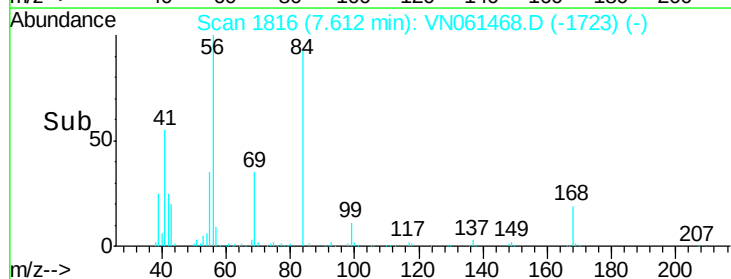
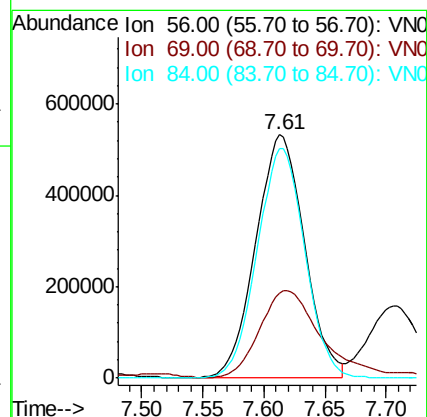
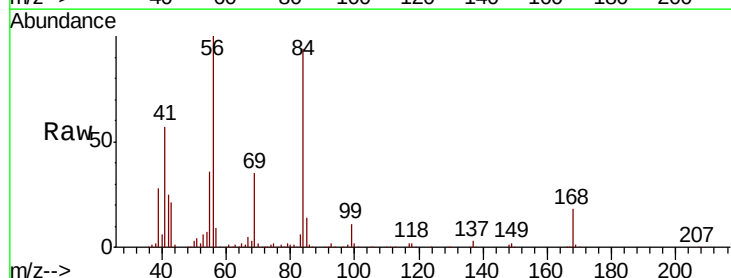
Instrument :
MSVOA_N
ClientSampleId :
DUP-051320

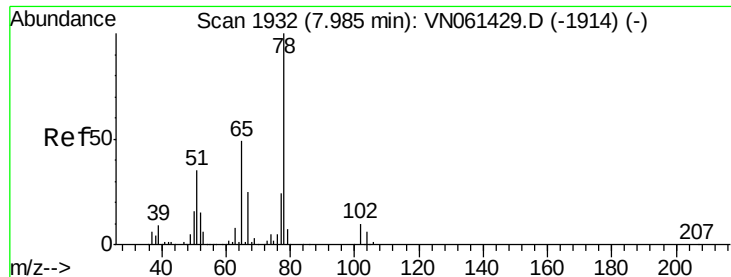
Tot Ion: 83 Resp: 993496
Ion Ratio Lower Upper
83 100
85 63.6 51.0 76.4



#31
Cyclohexane
Concen: 223.638 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN061468.D
Acq: 19 May 2020 8:29

Tgt Ion: 56 Resp: 1471761
Ion Ratio Lower Upper
56 100
69 34.6 27.8 41.6
84 94.5 72.7 109.1

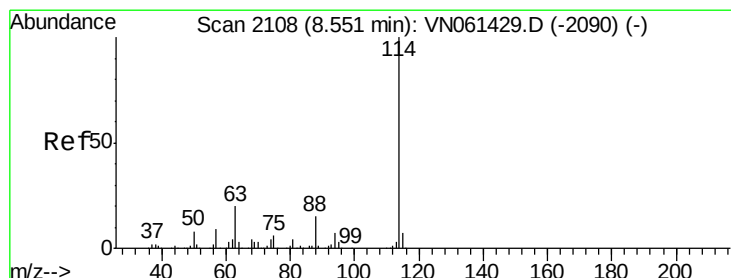
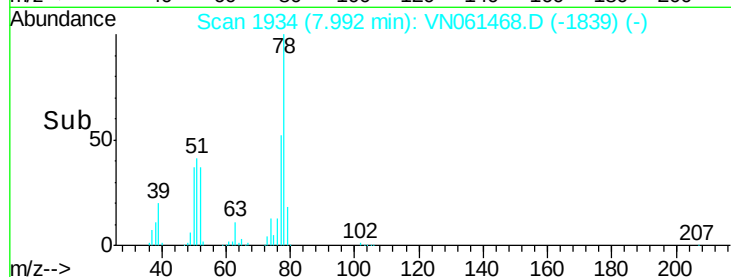
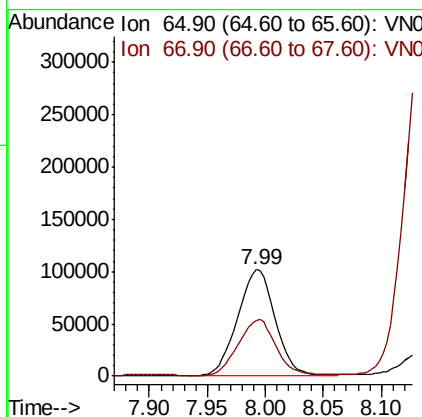
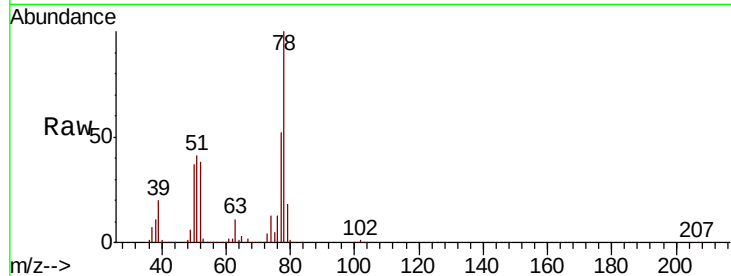




#33
 1,2-Dichloroethane-d4
 Concen: 43.151 ug/l
 RT: 7.99 min Scan# 1934
 Delta R.T. 0.01 min
 Lab File: VN061468.D
 Acq: 19 May 2020 8:29

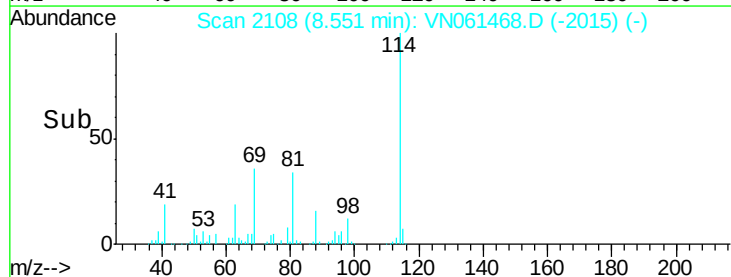
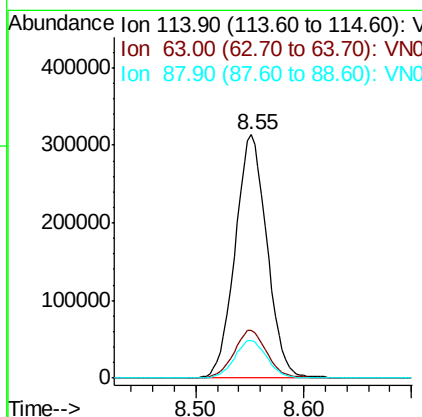
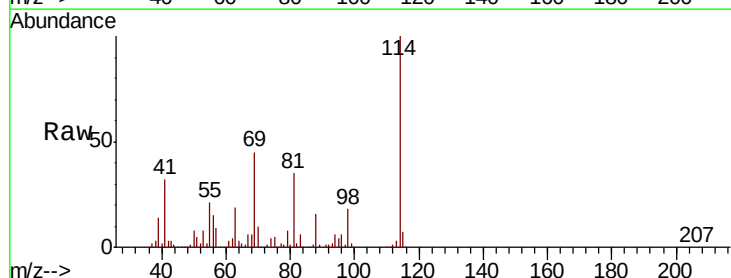
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-051320

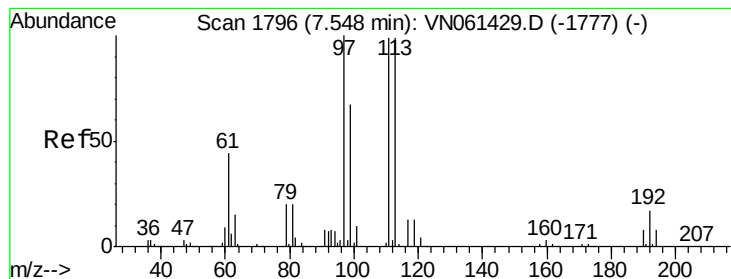
Tot Ion: 65 Resp: 230910
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061468.D
 Acq: 19 May 2020 8:29

Tgt Ion: 114 Resp: 644832
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.8
 88 15.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 3.993 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampleId :

DUP-051320

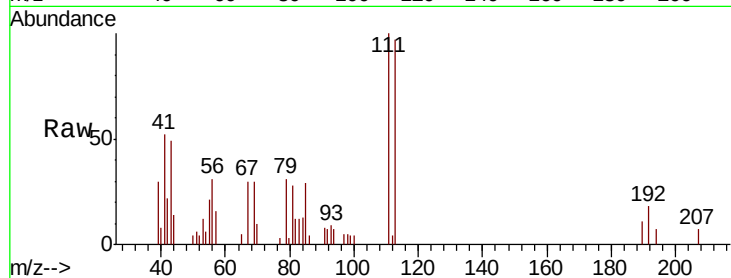
Tot Ion:113 Resp: 13488

Ion Ratio Lower Upper

113 100

111 102.0 80.6 121.0

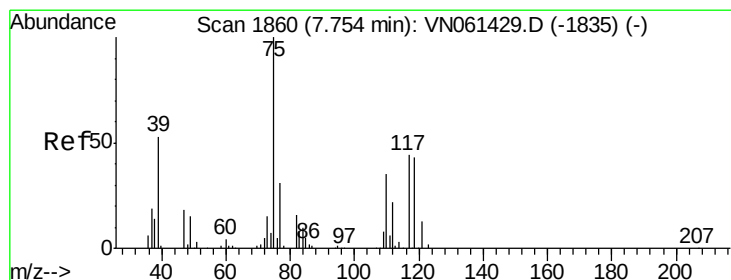
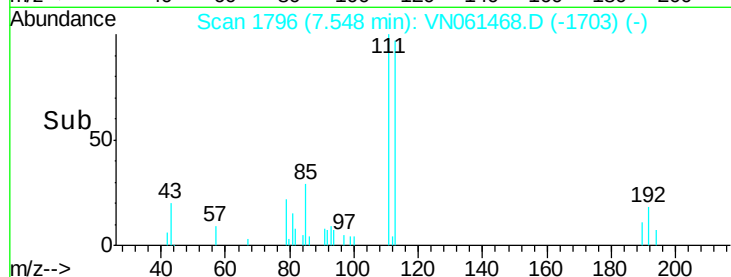
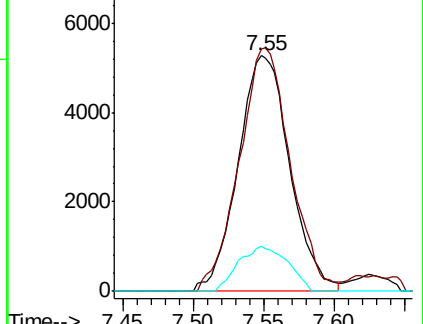
192 18.2 13.2 19.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.870 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.13 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

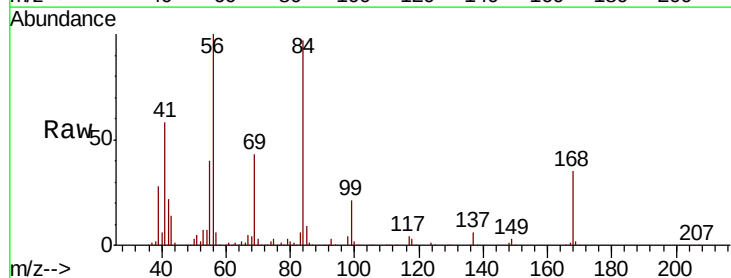
Tgt Ion: 75 Resp: 29366

Ion Ratio Lower Upper

75 100

110 8.8 17.3 51.9#

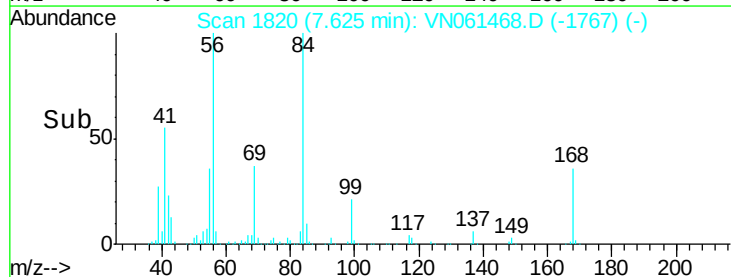
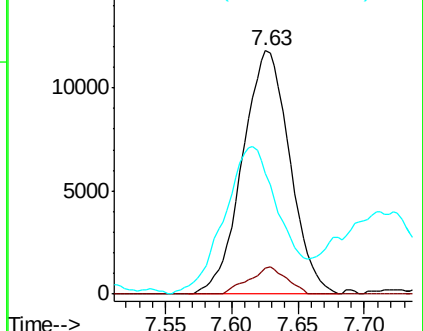
77 0.0 24.9 37.3#

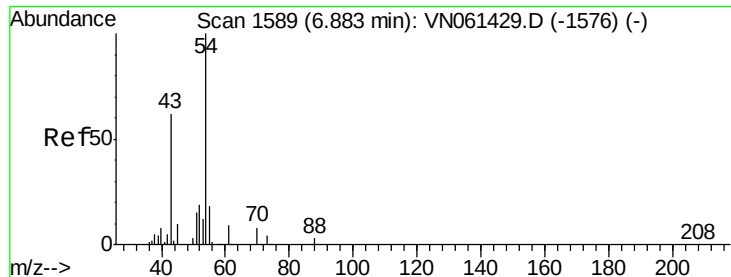


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 46.349 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.10 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampled :

DUP-051320

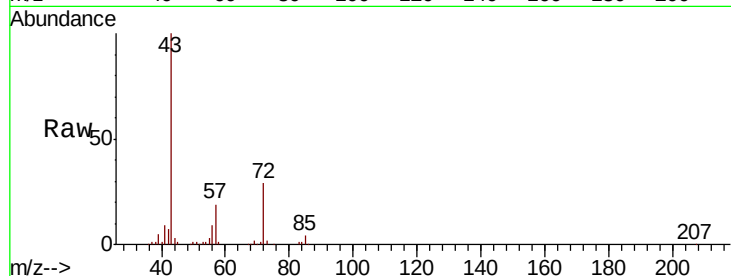
Tot Ion: 43 Resp: 253437

Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

70 0.0 9.2 13.8#

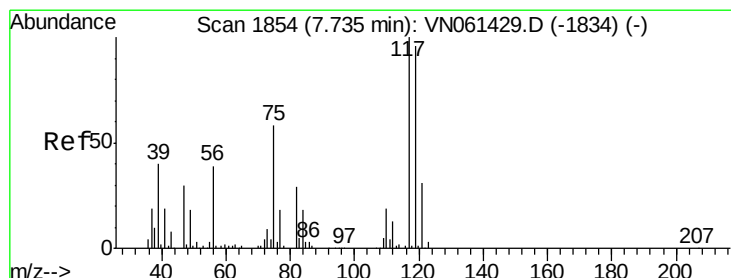
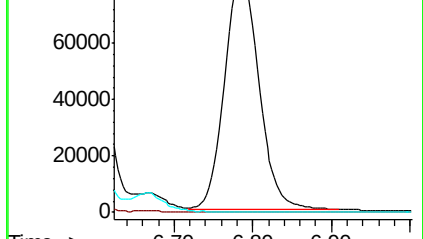
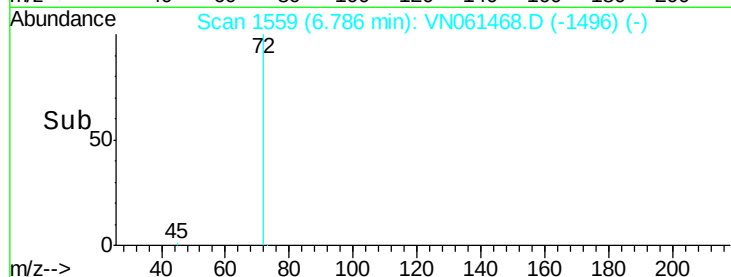


Abundance Ion 43.00 (42.70 to 43.70): VN061468.D (-1496) (-)

Ion 60.90 (60.60 to 61.60): VN061468.D (-1496) (-)

Ion 70.00 (69.70 to 70.70): VN061468.D (-1496) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.569 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

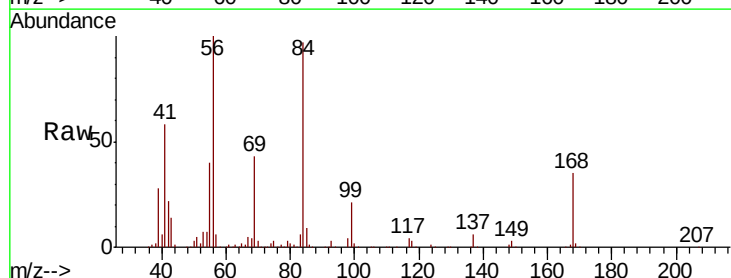
Tgt Ion: 117 Resp: 36471

Ion Ratio Lower Upper

117 100

119 3.9 77.0 115.6#

121 0.0 24.7 37.1#

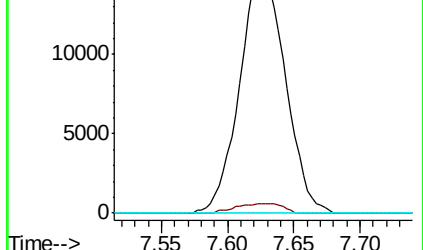
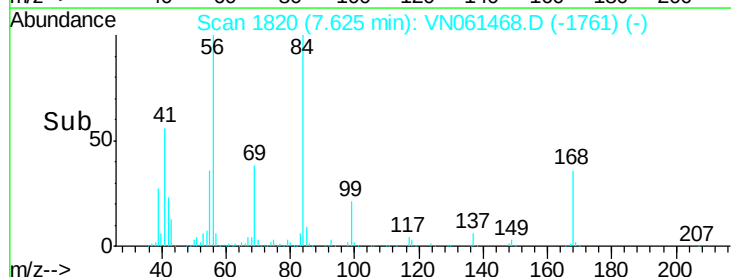


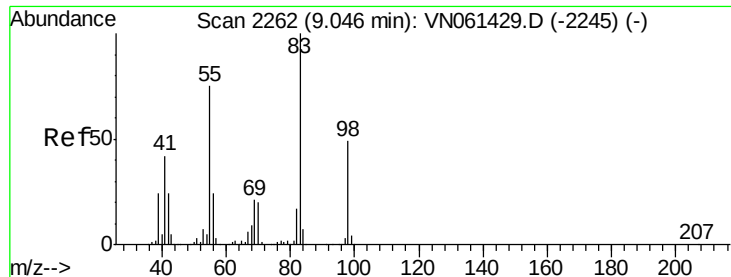
Abundance Ion 116.80 (116.50 to 117.50): VN061468.D (-1761) (-)

Ion 118.80 (118.50 to 119.50): VN061468.D (-1761) (-)

Ion 120.80 (120.50 to 121.50): VN061468.D (-1761) (-)

Time-->

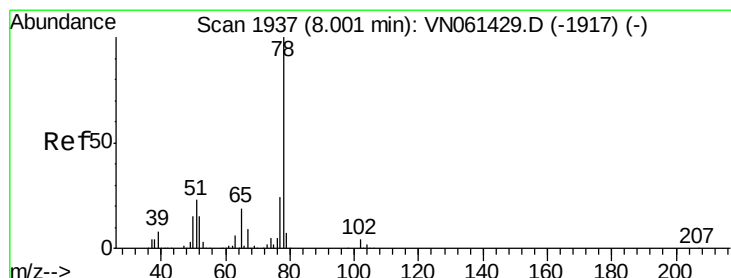
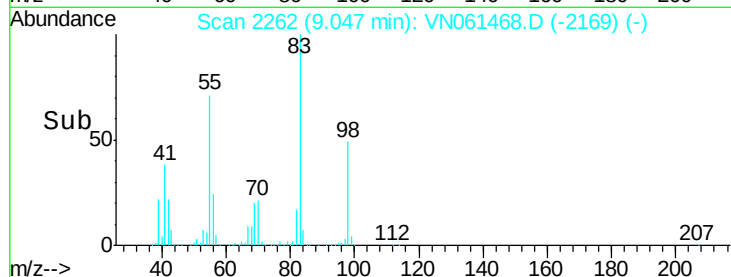
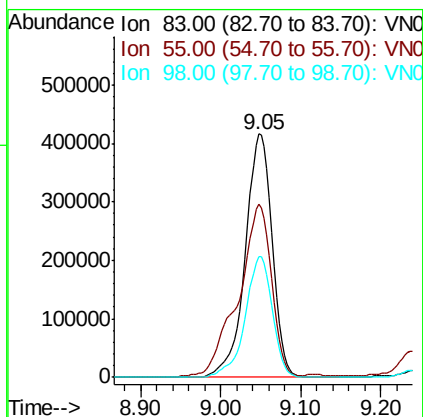
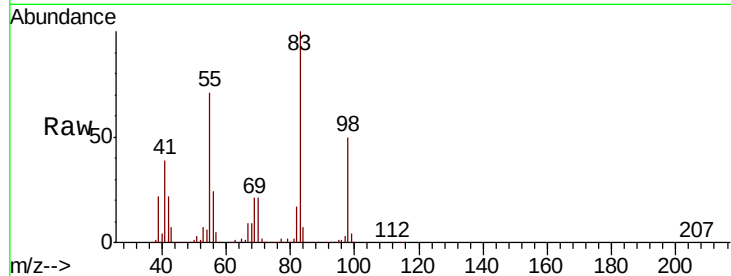




#39
Methylvlcyclohexane
Concen: 128.332 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061468.D
Acq: 19 May 2020 8:29

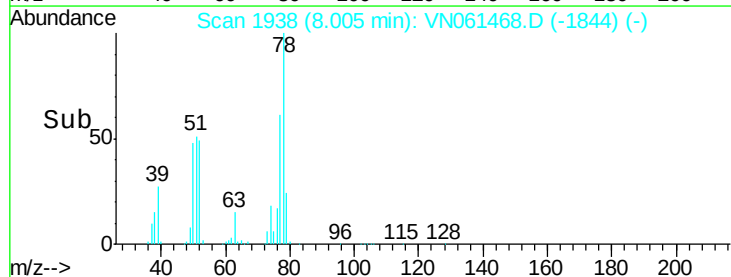
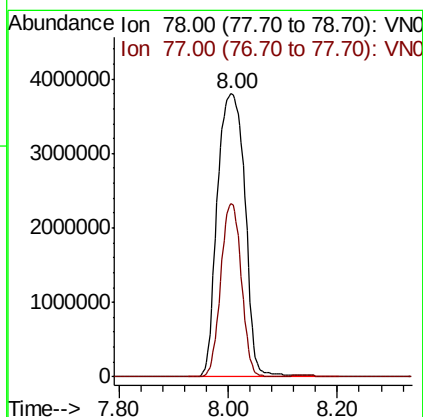
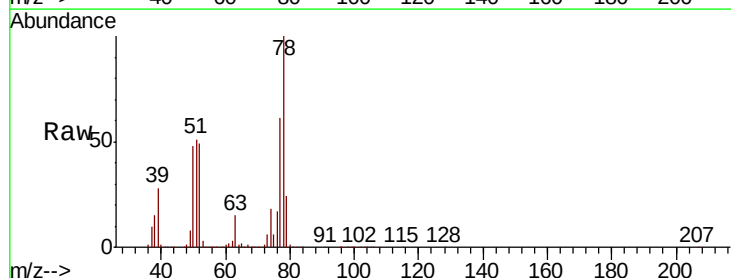
Instrument :
MSVOA_N
ClientSampleId :
DUP-051320

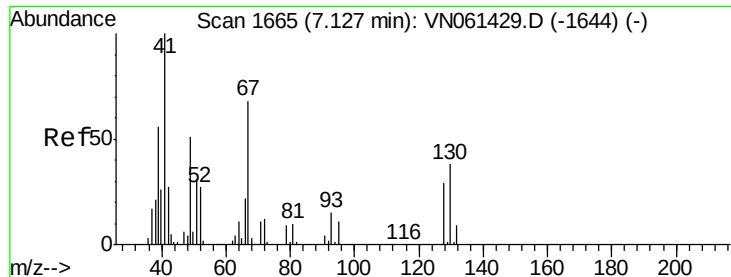
Tot Ion: 83 Resp: 945084
Ion Ratio Lower Upper
83 100
55 70.5 59.7 89.5
98 49.6 38.9 58.3



#40
Benzene
Concen: 734.846 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN061468.D
Acq: 19 May 2020 8:29

Tgt Ion: 78 Resp: 13352478
Ion Ratio Lower Upper
78 100
77 61.2 19.1 28.7#

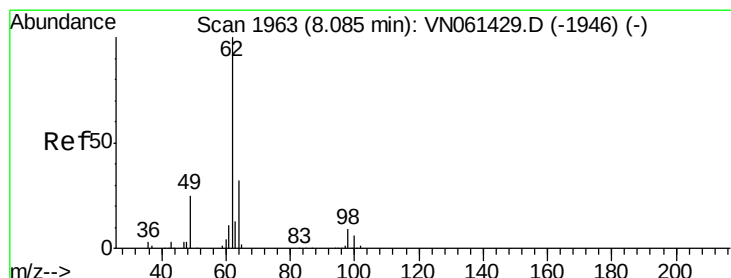
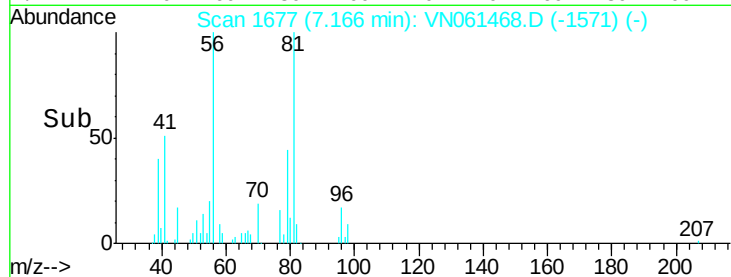
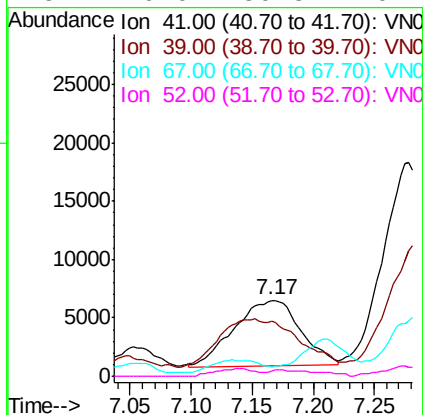
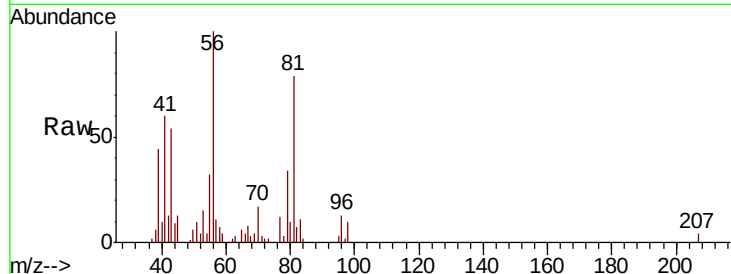




#41
Methacrylonitrile
Concen: 9.319 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN061468.D
Acq: 19 May 2020 8:29

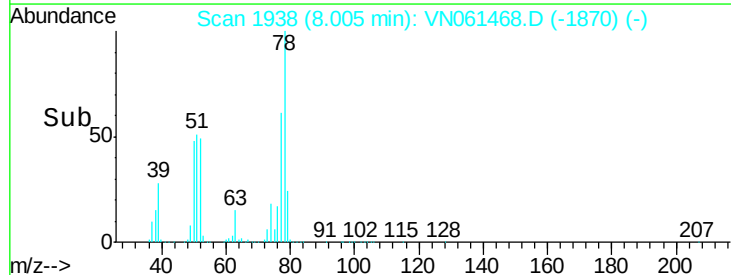
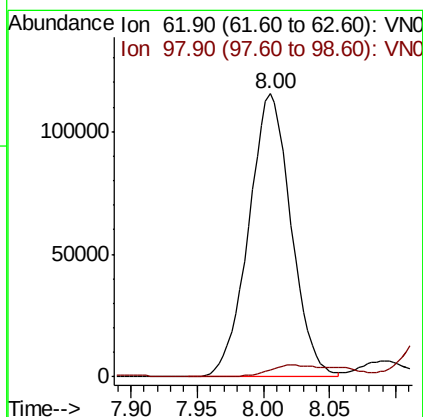
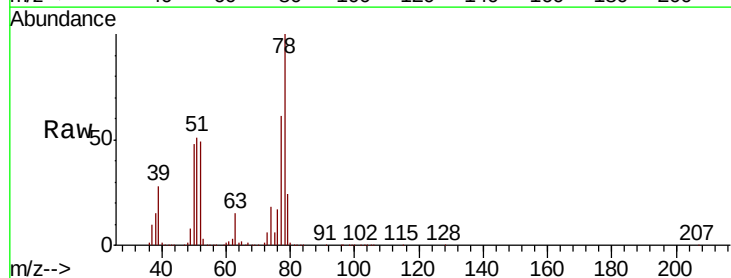
Instrument :
MSVOA_N
ClientSampled :
DUP-051320

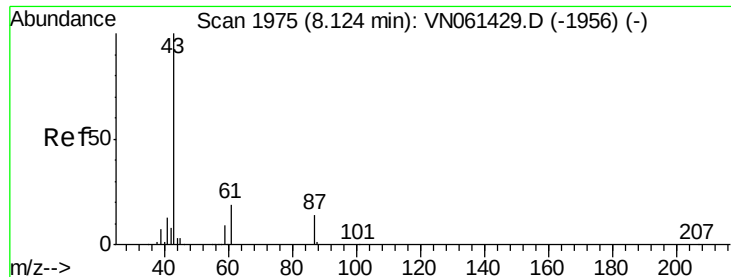
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.3	72.5#
67	0.0	74.2	111.4#
52	0.0	30.8	46.2#



#42
1,2-Dichloroethane
Concen: 39.219 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.08 min
Lab File: VN061468.D
Acq: 19 May 2020 8:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	5.0	0.0	18.4





#43

Isopropyl Acetate

Concen: 64.981 ug/l

RT: 8.09 min Scan# 1966

Delta R.T. -0.03 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampleId :

DUP-051320

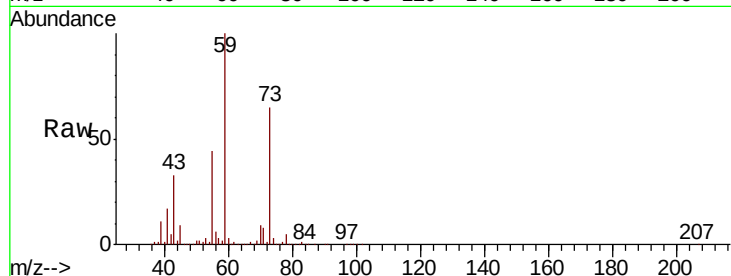
Tot Ion: 43 Resp: 619724

Ion Ratio Lower Upper

43 100

61 0.0 23.0 34.4#

87 0.0 11.6 17.4#

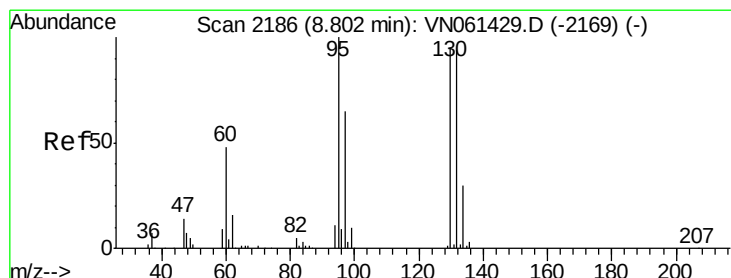
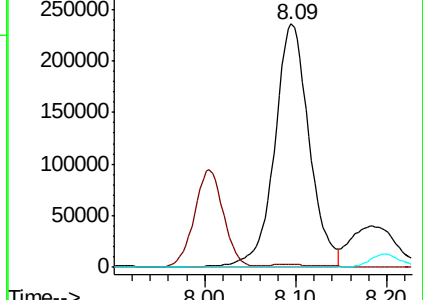
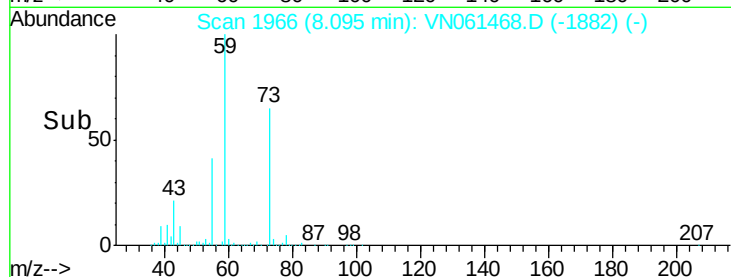


Abundance Ion 43.00 (42.70 to 43.70): VN061429.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061429.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061429.D (-1956) (-)

Time-->



#44

Trichloroethene

Concen: 0.393 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061468.D

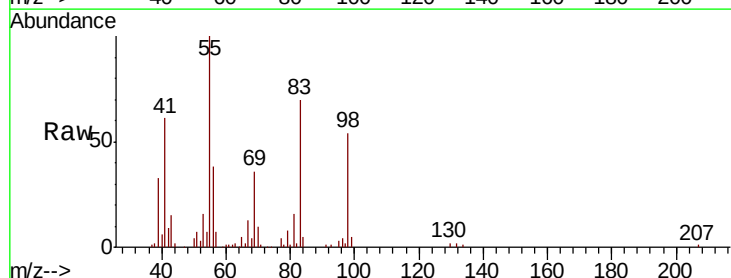
Acq: 19 May 2020 8:29

Tgt Ion: 130 Resp: 1873

Ion Ratio Lower Upper

130 100

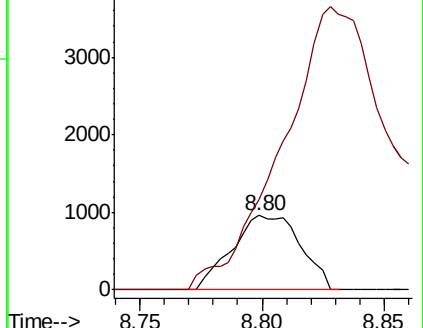
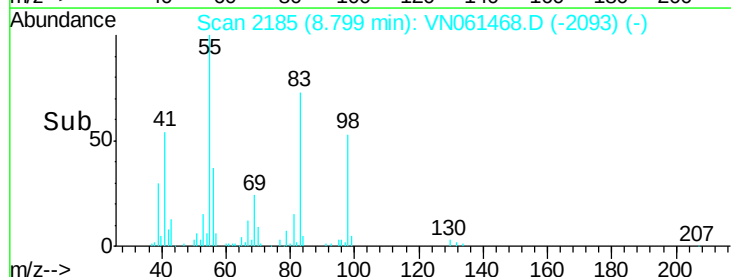
95 121.7 0.0 209.8

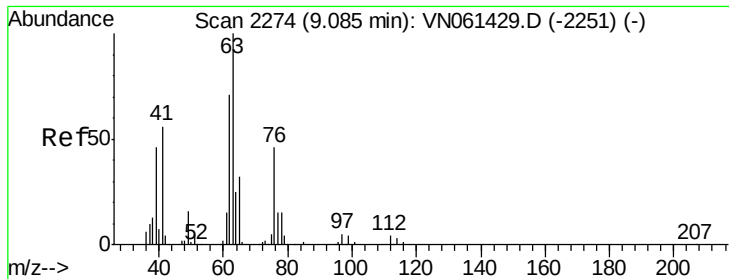


Abundance Ion 129.80 (129.50 to 130.50): VN061429.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN061429.D (-2169) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 3.314 ug/l

RT: 9.05 min Scan# 2264

Delta R.T. -0.03 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampleID :

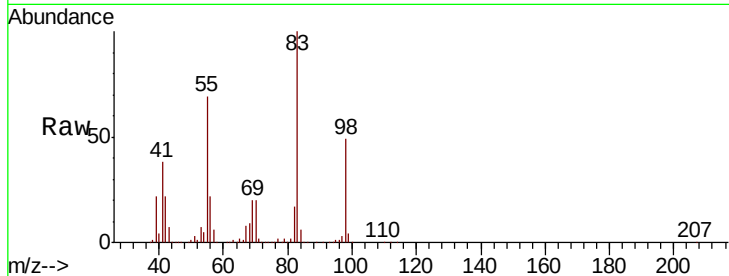
DUP-051320

Tot Ion: 63 Resp: 15073

Ion Ratio Lower Upper

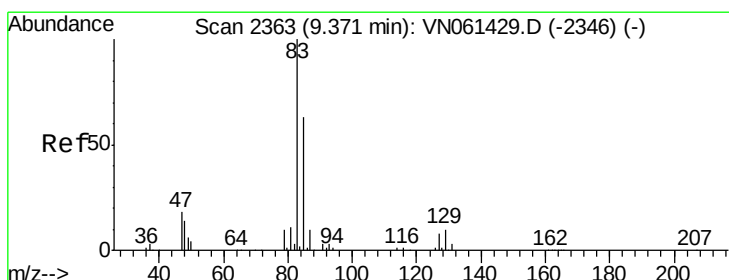
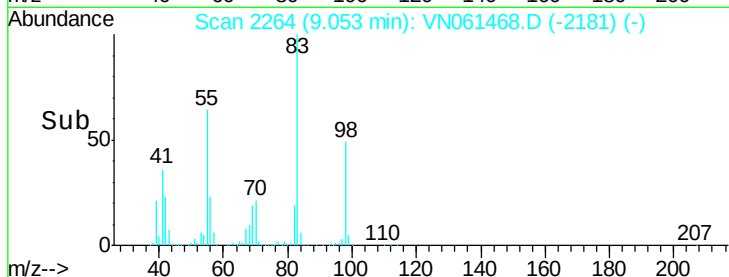
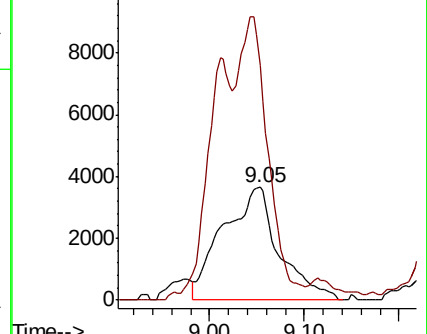
63 100

65 200.2 25.2 37.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#47

Bromodichloromethane

Concen: 6.276 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

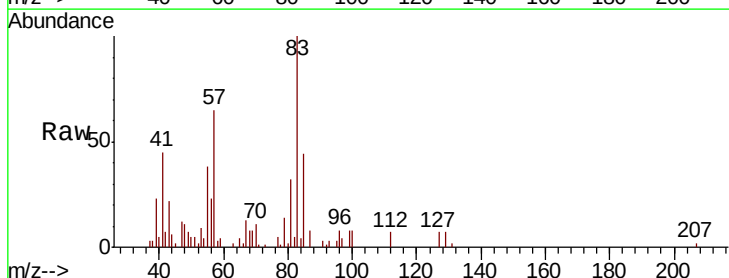
Tgt Ion: 83 Resp: 42159

Ion Ratio Lower Upper

83 100

85 41.6 50.6 76.0#

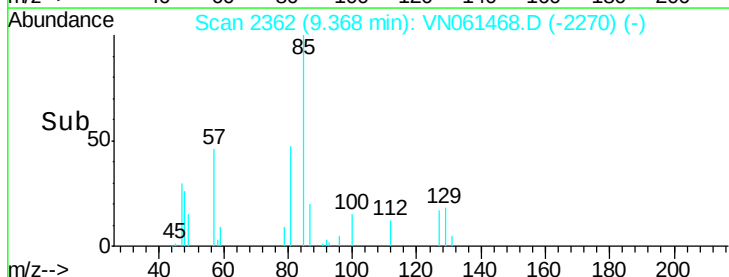
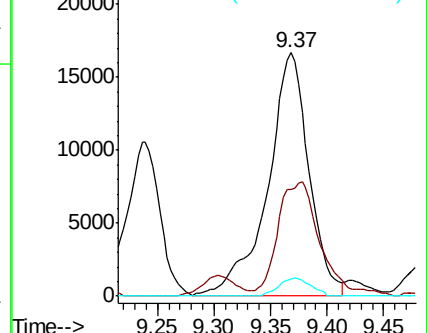
127 7.3 6.1 9.1

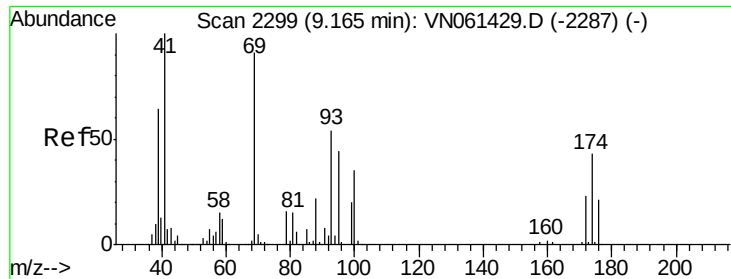


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

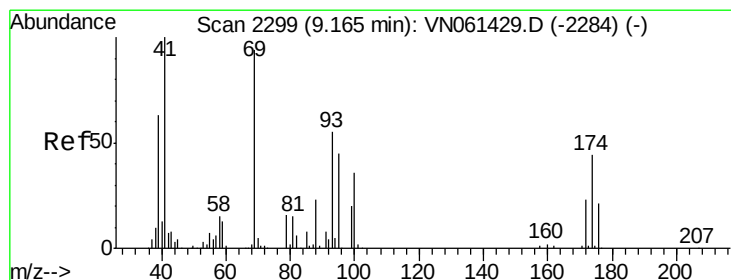
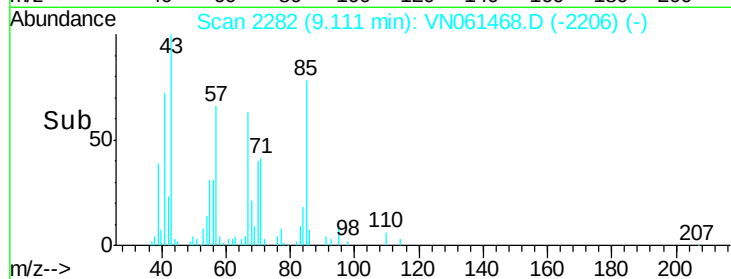
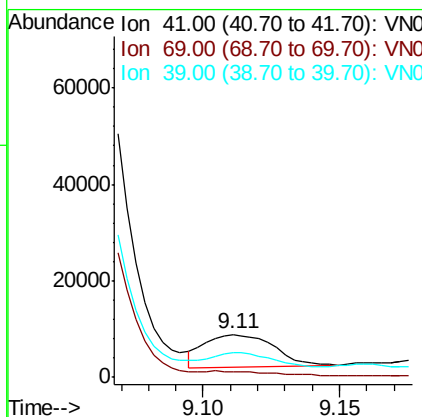
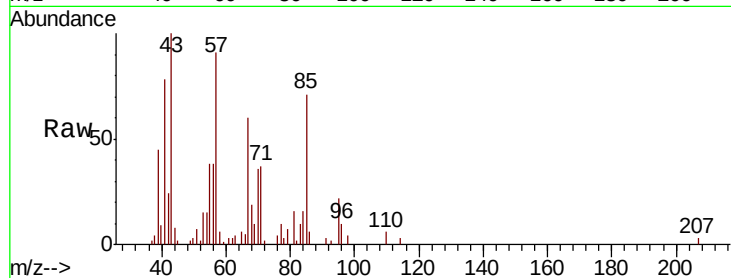




#48
Methvl methacrylate
Concen: 2.671 ug/l
RT: 9.11 min Scan# 2282
Delta R.T. -0.05 min
Lab File: VN061468.D
Acq: 19 May 2020 8:29

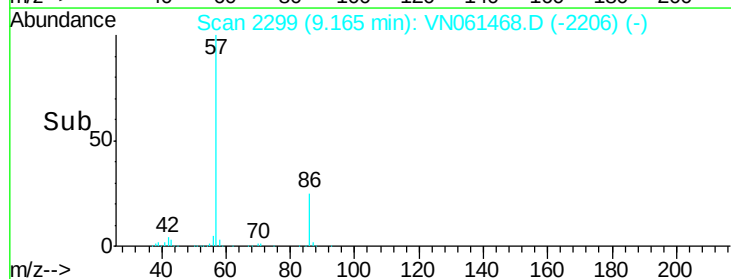
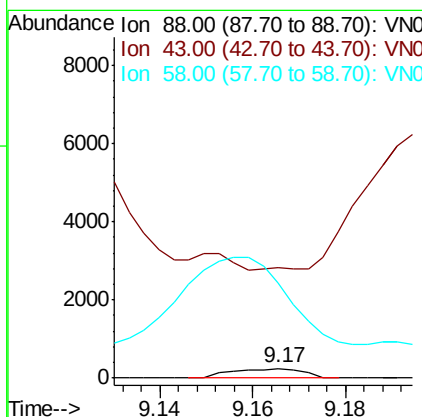
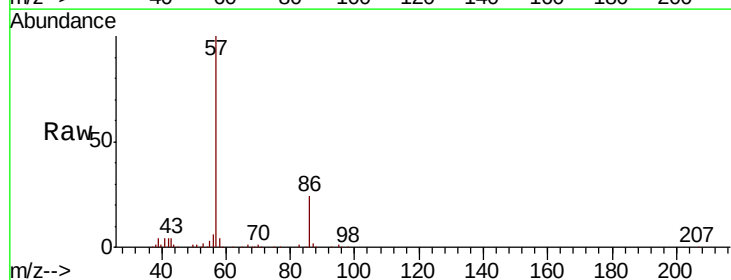
Instrument :
MSVOA_N
ClientSampled :
DUP-051320

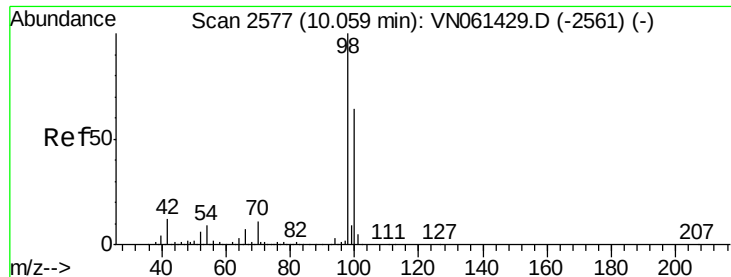
Tot Ion: 41 Resp: 11769
Ion Ratio Lower Upper
41 100
69 0.0 75.3 112.9#
39 0.0 52.6 79.0#



#49
1,4-Dioxane
Concen: Below Cal
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061468.D
Acq: 19 May 2020 8:29

Tgt Ion: 88 Resp: 261
Ion Ratio Lower Upper
88 100
43 0.0 26.3 39.5#
58 1345.2 54.1 81.1#

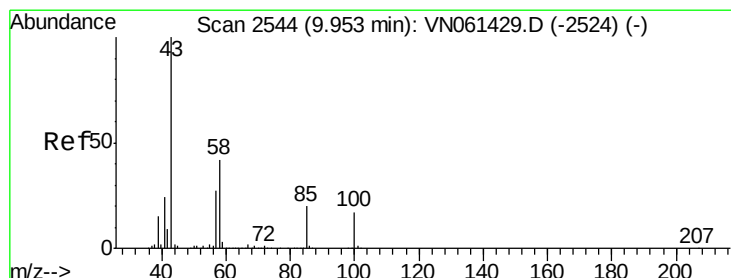
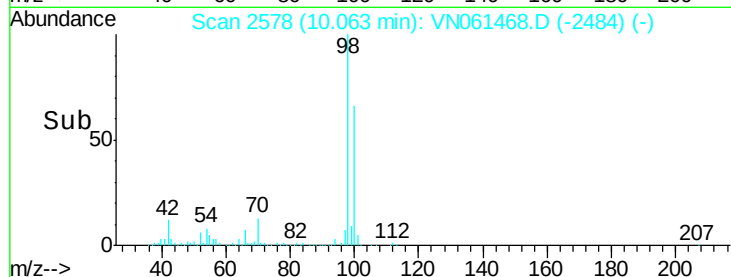
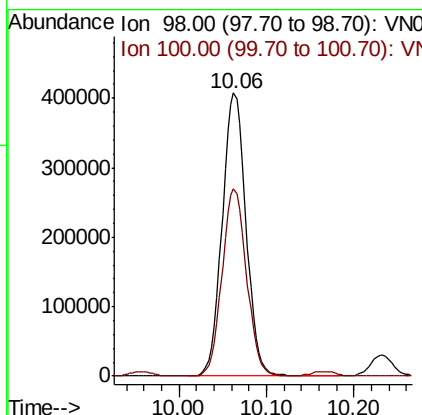
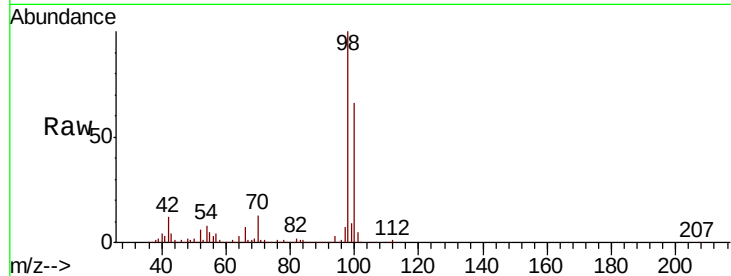




#50
Toluene-d8
Concen: 49.065 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN061468.D
Acq: 19 May 2020 8:29

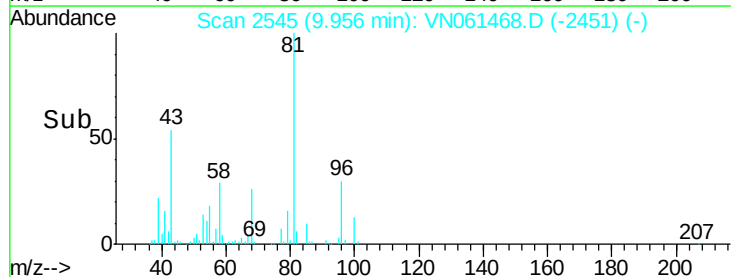
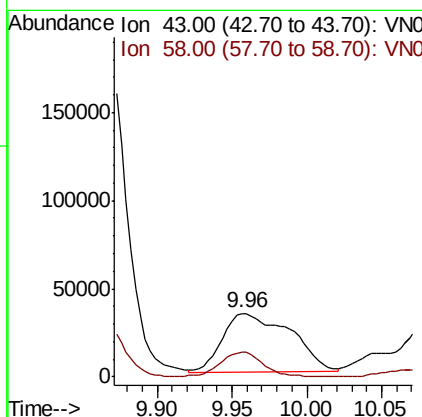
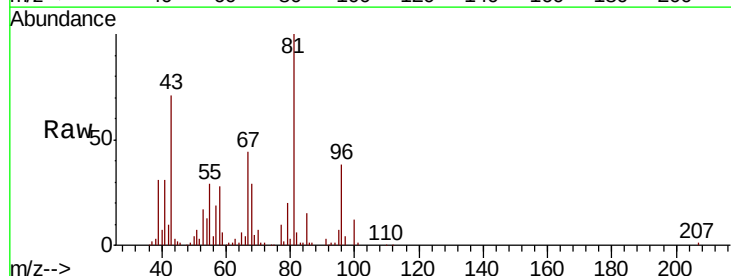
Instrument :
MSVOA_N
ClientSampled :
DUP-051320

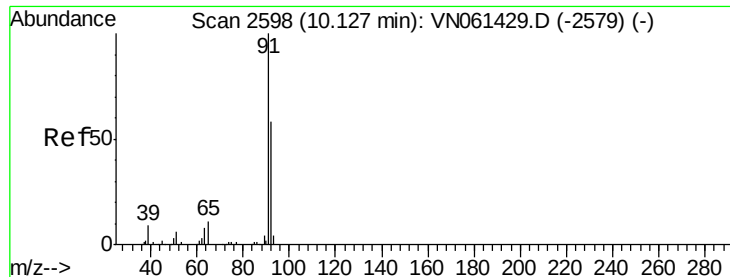
Tot Ion: 98 Resp: 768769
Ion Ratio Lower Upper
98 100
100 67.9 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 20.517 ug/l
RT: 9.96 min Scan# 2545
Delta R.T. 0.00 min
Lab File: VN061468.D
Acq: 19 May 2020 8:29

Tgt Ion: 43 Resp: 106590
Ion Ratio Lower Upper
43 100
58 25.3 33.4 50.2#





#52

Toluene

Concen: 1169.320 ug/l

RT: 10.13 min Scan# 2600

Delta R.T. 0.01 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampleId :

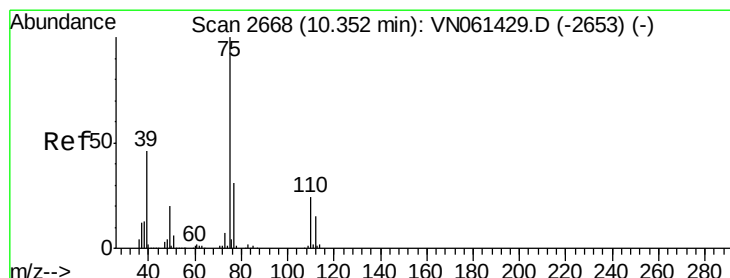
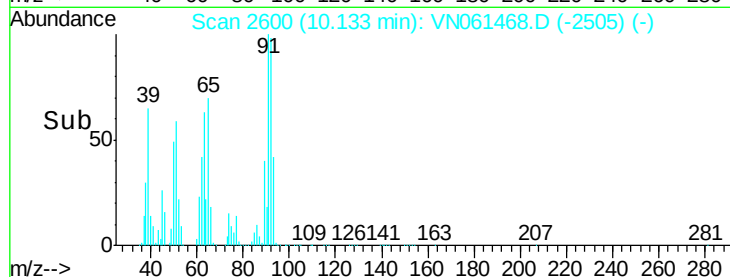
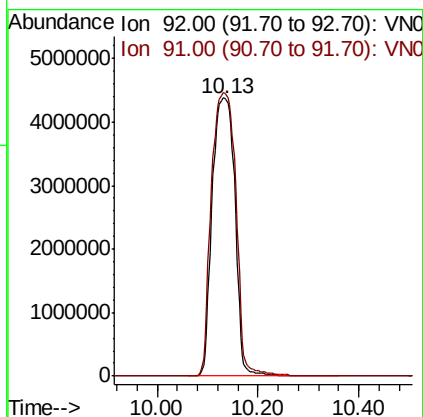
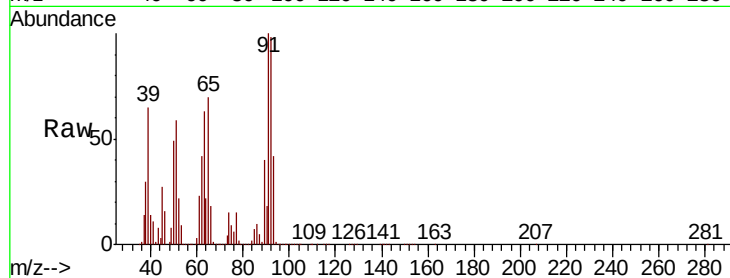
DUP-051320

Tot Ion: 92 Resp:13640763

Ion Ratio Lower Upper

92 100

91 110.4 138.0 207.0#



#53

t-1,3-Dichloropropene

Concen: 104.342 ug/l

RT: 10.13 min Scan# 2599

Delta R.T. -0.22 min

Lab File: VN061468.D

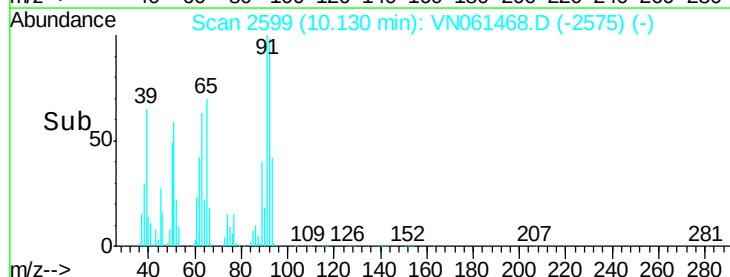
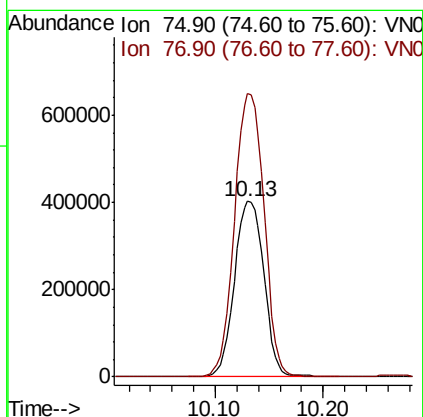
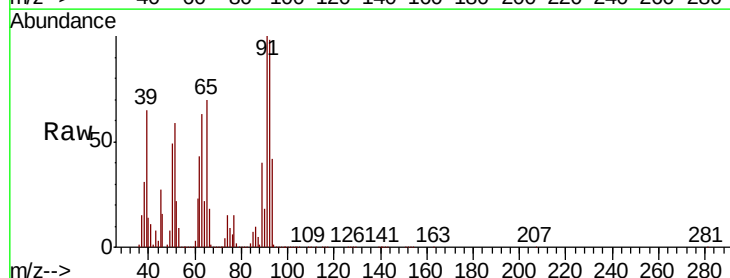
Acq: 19 May 2020 8:29

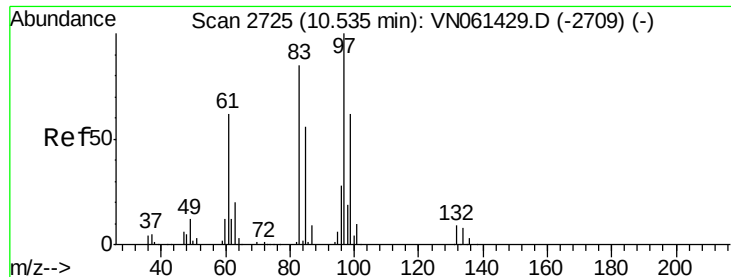
Tgt Ion: 75 Resp: 768251

Ion Ratio Lower Upper

75 100

77 160.9 24.8 37.2#

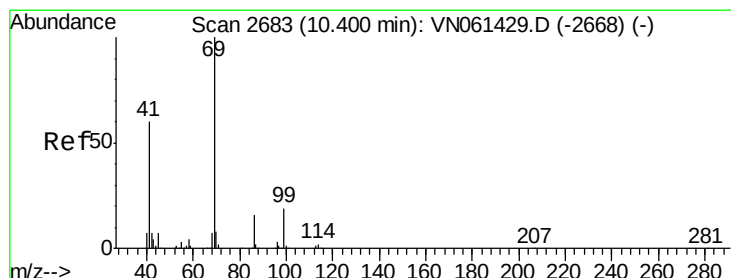
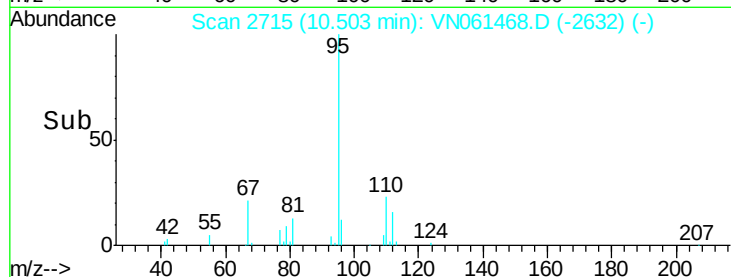
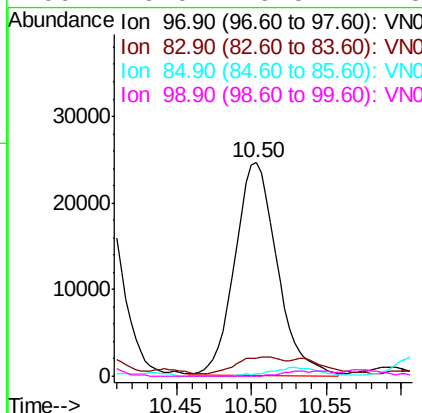
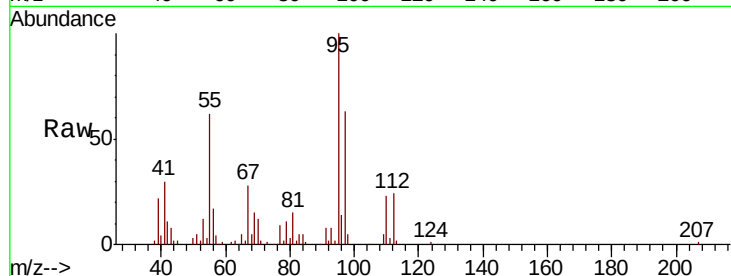




#55
 1,1,2-Trichloroethane
 Concen: 10.963 ug/l
 RT: 10.50 min Scan# 2715
 Delta R.T. -0.03 min
 Lab File: VN061468.D
 Acq: 19 May 2020 8:29

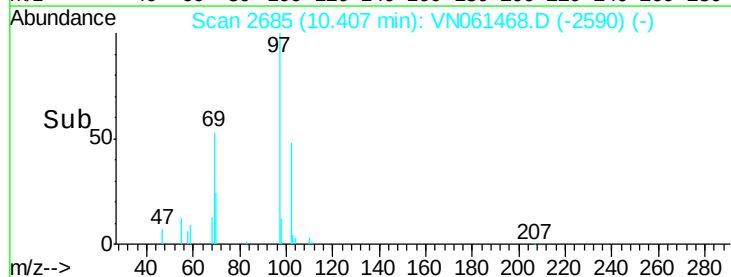
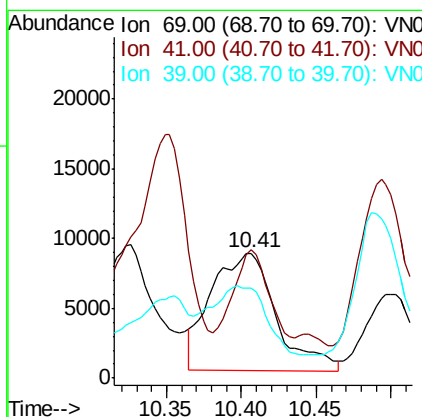
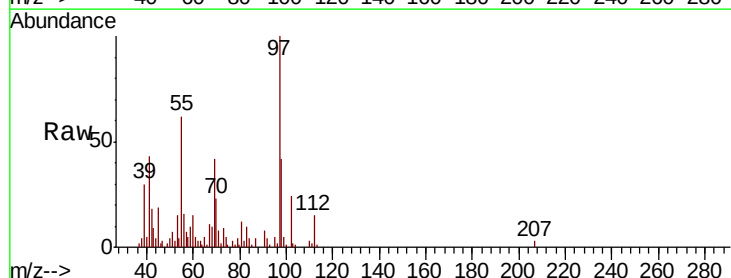
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-051320

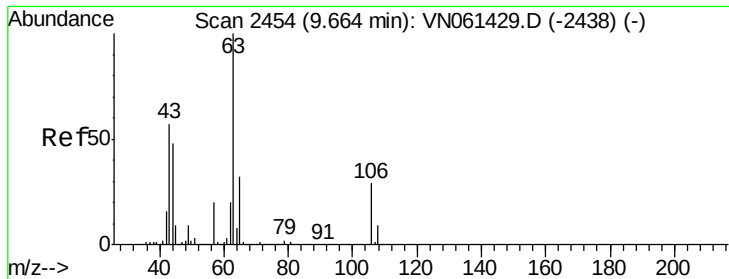
Tot Ion: 97 Resp: 48349
 Ion Ratio Lower Upper
 97 100
 83 7.1 68.2 102.4#
 85 1.0 44.6 67.0#
 99 0.0 49.5 74.3#



#56
 Ethyl methacrylate
 Concen: 3.705 ug/l
 RT: 10.41 min Scan# 2685
 Delta R.T. 0.01 min
 Lab File: VN061468.D
 Acq: 19 May 2020 8:29

Tgt Ion: 69 Resp: 25544
 Ion Ratio Lower Upper
 69 100
 41 0.0 48.3 72.5#
 39 0.0 30.2 45.2#

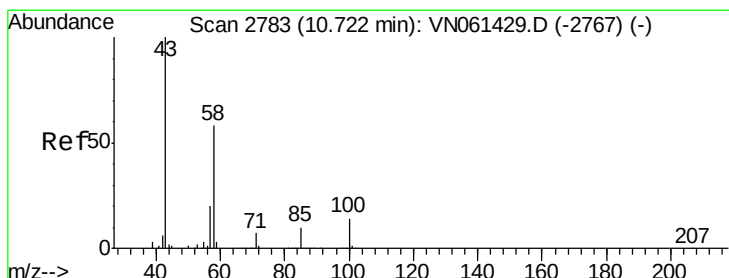
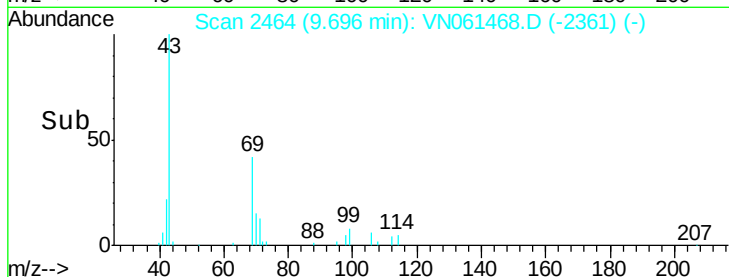
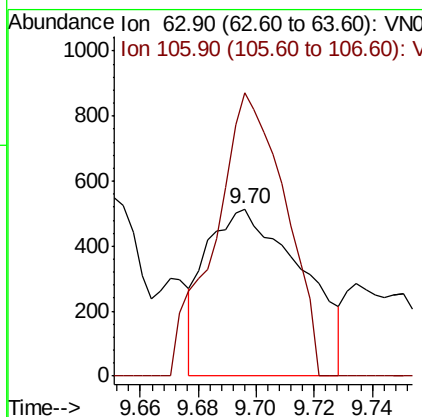
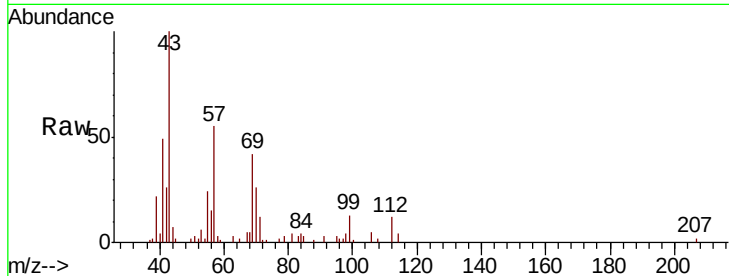




#58
 2-Chloroethyl vinyl ether
 Concen: 0.390 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.03 min
 Lab File: VN061468.D
 Acq: 19 May 2020 8:29

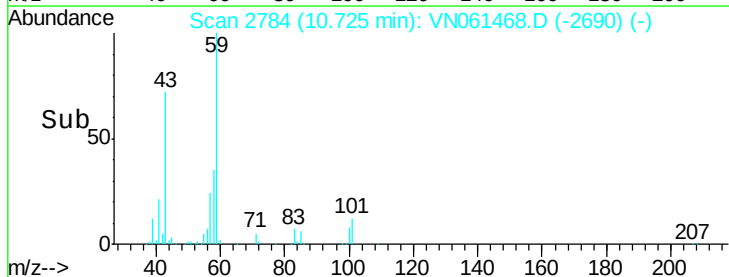
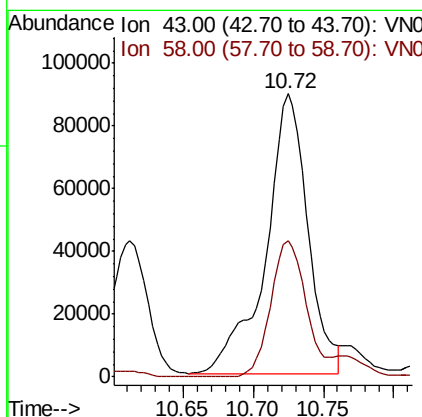
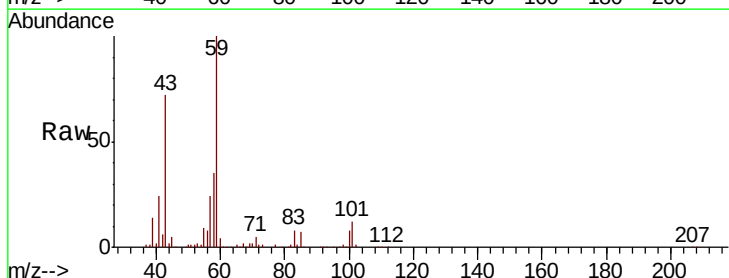
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-051320

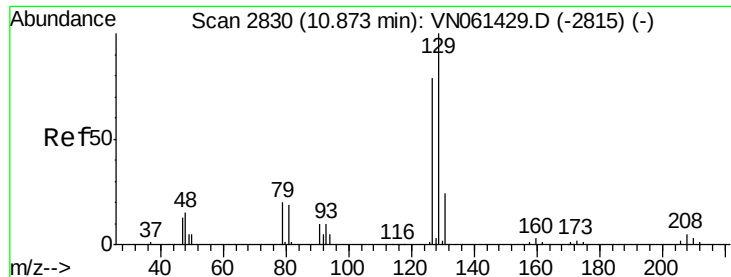
Tot Ion: 63 Resp: 1179
 Ion Ratio Lower Upper
 63 100
 106 124.7 22.7 34.1#



#59
 2-Hexanone
 Concen: 49.043 ug/l
 RT: 10.72 min Scan# 2784
 Delta R.T. 0.00 min
 Lab File: VN061468.D
 Acq: 19 May 2020 8:29

Tgt Ion: 43 Resp: 184339
 Ion Ratio Lower Upper
 43 100
 58 41.0 29.2 87.6





#60

Dibromochloromethane

Concen: 0.394 ug/l

RT: 10.87 min Scan# 2829

Delta R.T. -0.00 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampled :

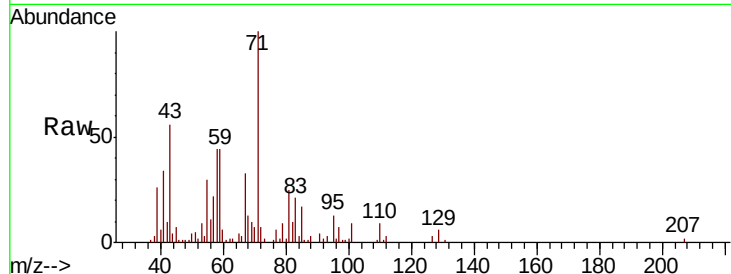
DUP-051320

Tot Ion:129 Resp: 1921

Ion Ratio Lower Upper

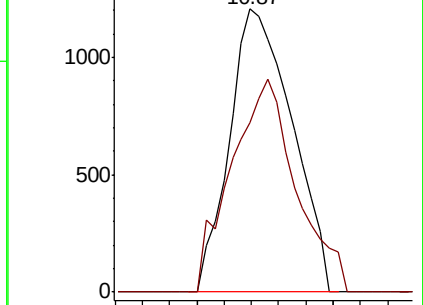
129 100

127 77.9 38.8 116.3

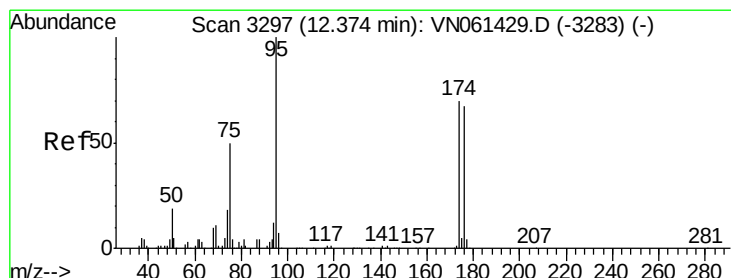
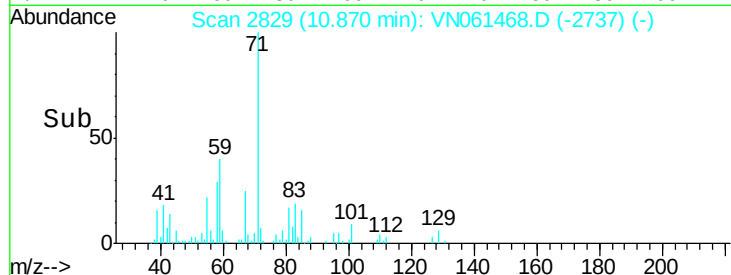


Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 54.347 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

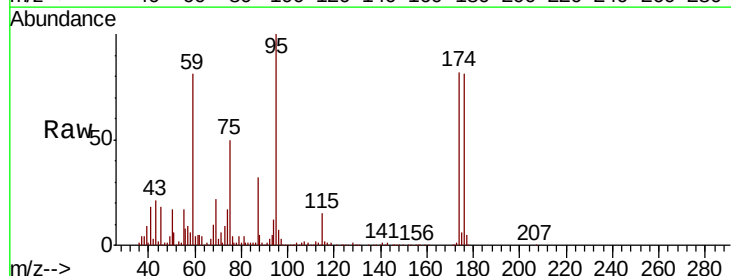
Tgt Ion: 95 Resp: 318138

Ion Ratio Lower Upper

95 100

174 81.3 0.0 141.2

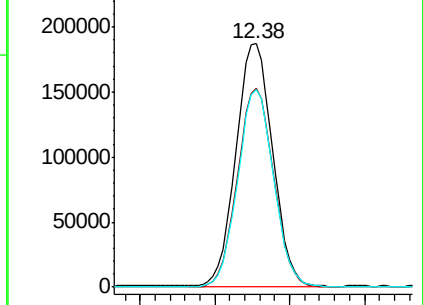
176 79.9 0.0 137.6



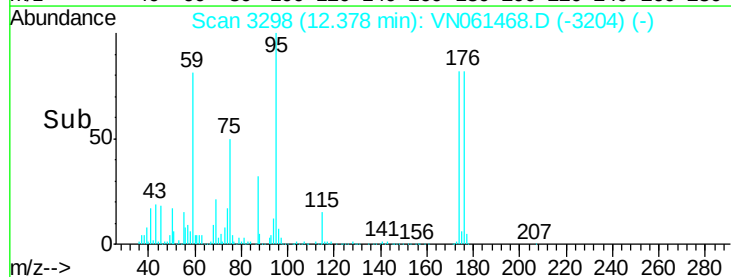
Abundance Ion 94.90 (94.60 to 95.60): V

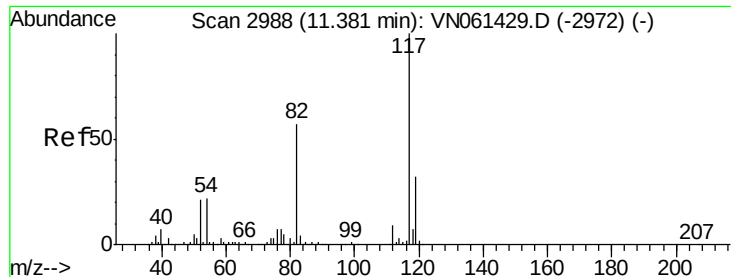
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

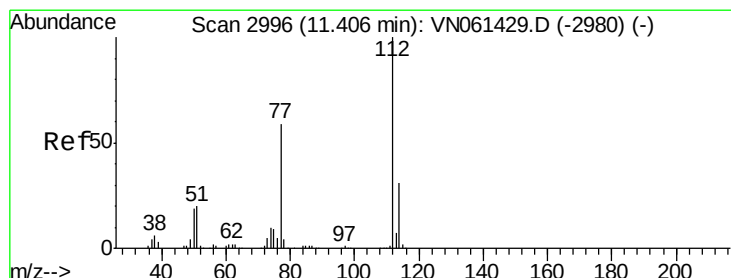
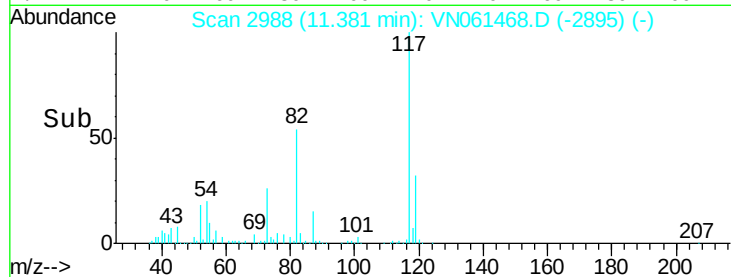
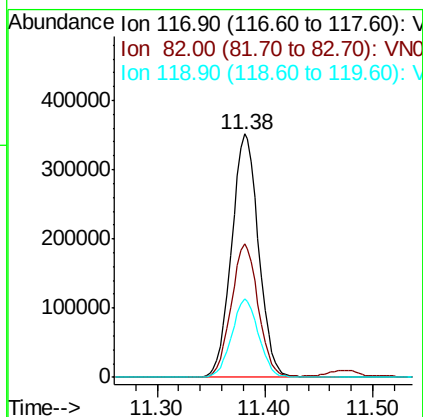
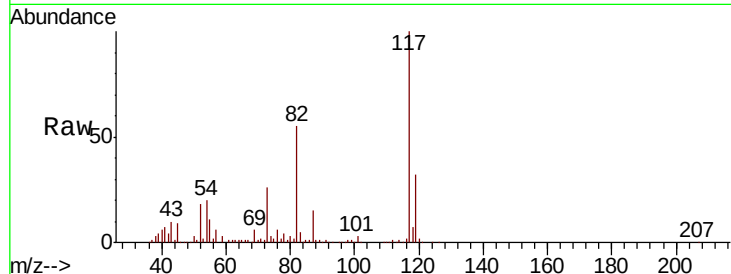




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061468.D
Acq: 19 May 2020 8:29

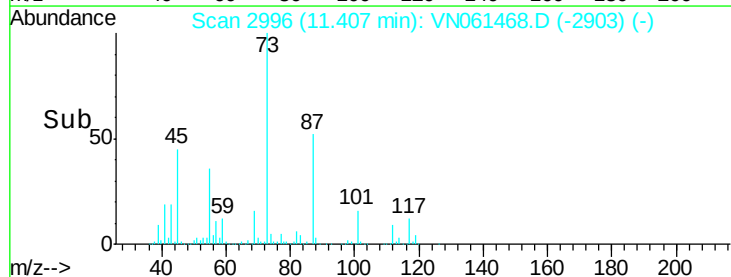
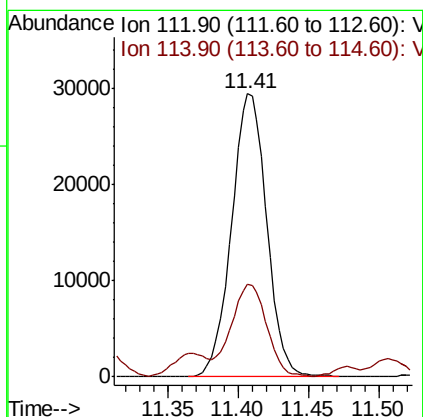
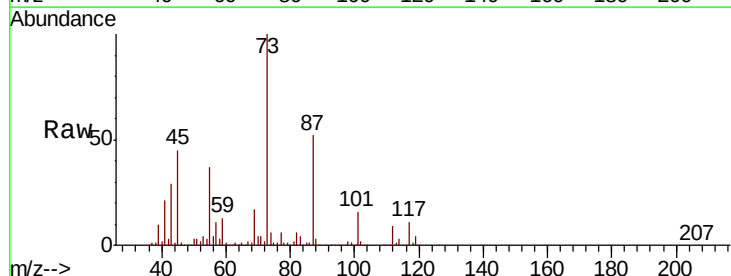
Instrument :
MSVOA_N
ClientSampleId :
DUP-051320

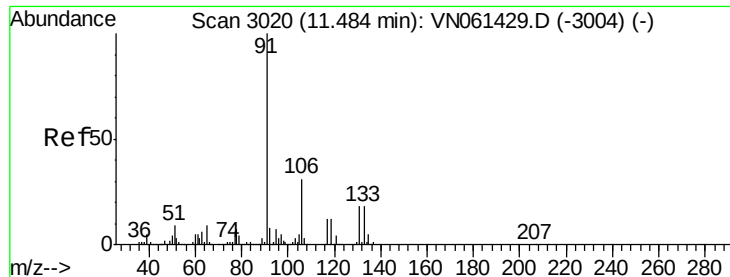
Tot Ion:117 Resp: 613525
Ion Ratio Lower Upper
117 100
82 54.6 45.2 67.8
119 32.1 25.3 37.9



#65
Chlorobenzene
Concen: 4.118 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061468.D
Acq: 19 May 2020 8:29

Tgt Ion:112 Resp: 51525
Ion Ratio Lower Upper
112 100
114 29.9 25.0 37.6





#67

Ethyl Benzene

Concen: 565.944 ug/l

RT: 11.49 min Scan# 3022

Delta R.T. 0.01 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampled :

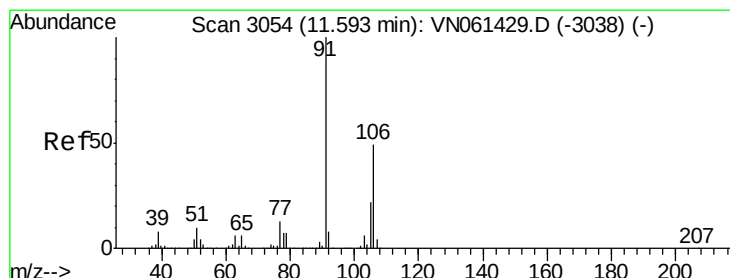
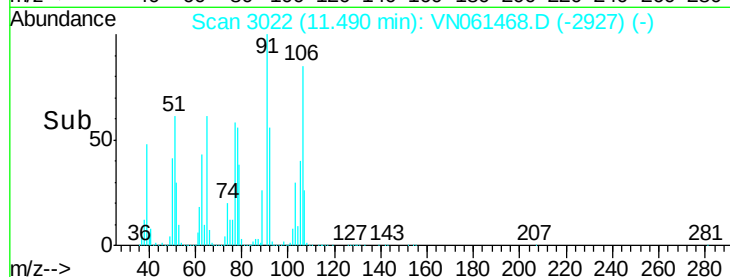
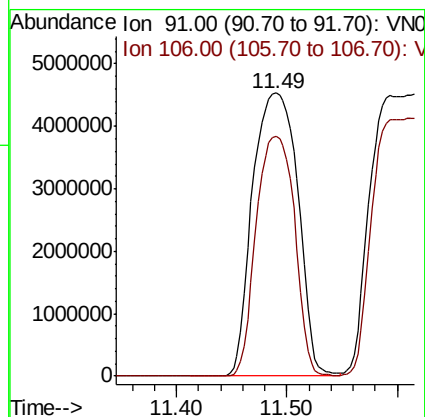
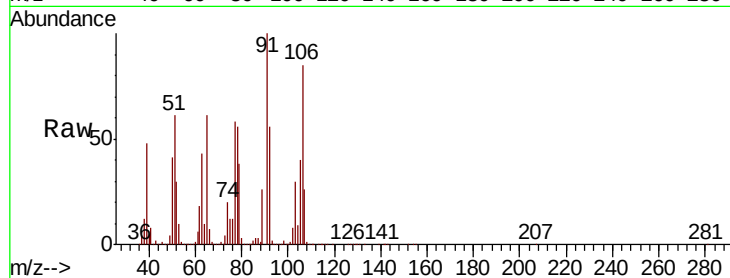
DUP-051320

Tot Ion: 91 Resp:12924934

Ion Ratio Lower Upper

91 100

106 84.7 24.6 36.8#



#68

m/p-Xylenes

Concen: 1725.444 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.02 min

Lab File: VN061468.D

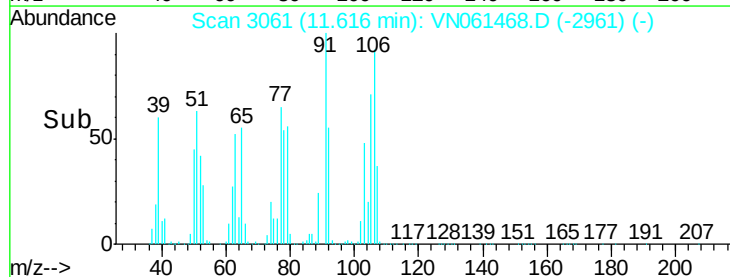
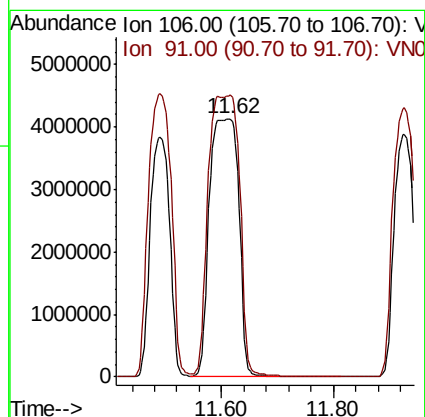
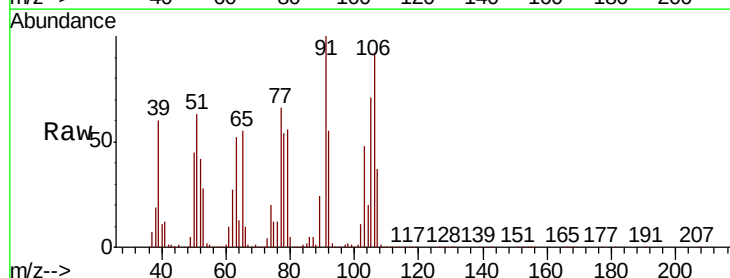
Acq: 19 May 2020 8:29

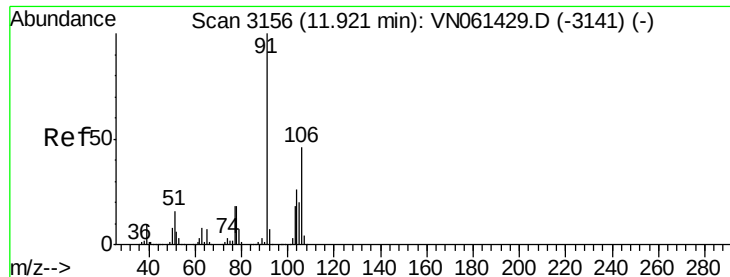
Tgt Ion:106 Resp:14957186

Ion Ratio Lower Upper

106 100

91 0.0 163.0 244.6#

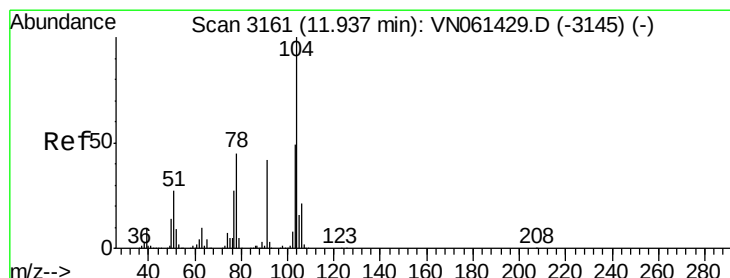
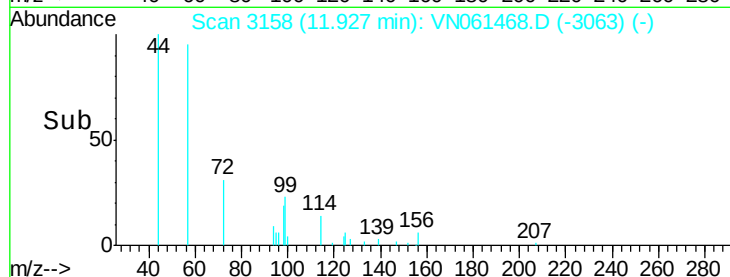
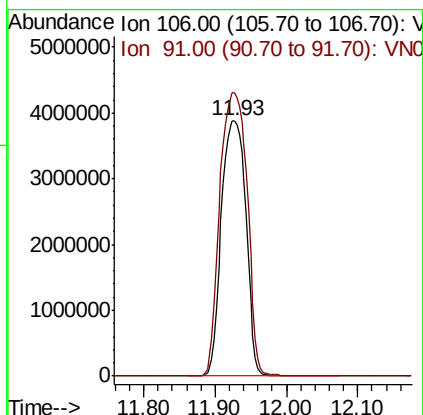
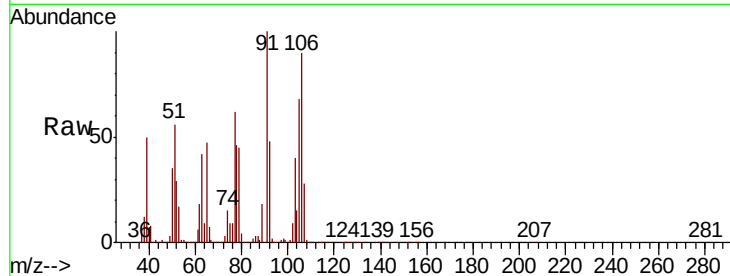




#69
o-Xylene
Concen: 1104.853 ug/l
RT: 11.93 min Scan# 3158
Delta R.T. 0.01 min
Lab File: VN061468.D
Acq: 19 May 2020 8:29

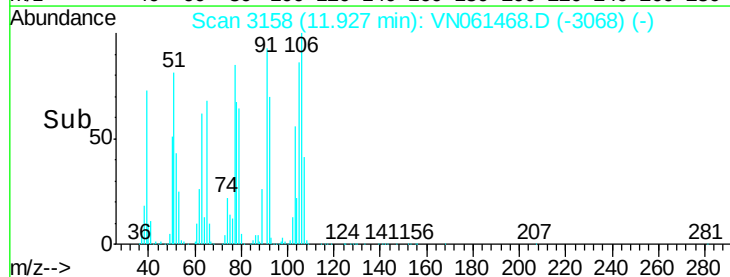
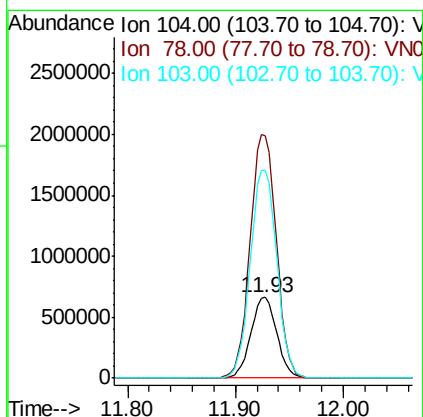
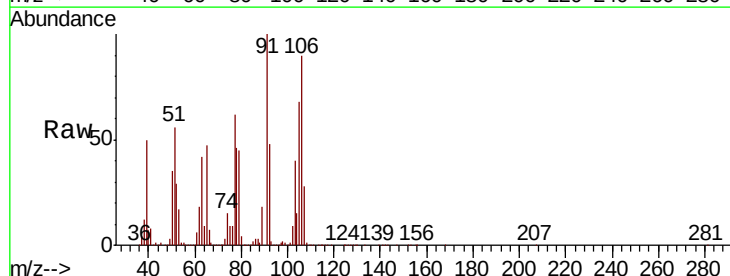
Instrument :
MSVOA_N
ClientSampleId :
DUP-051320

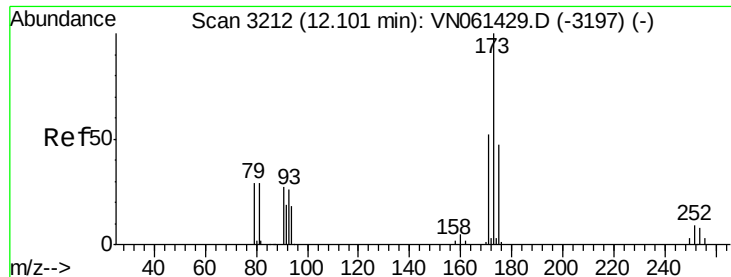
Tot Ion:106 Resp: 9268330
Ion Ratio Lower Upper
106 100
91 123.9 107.9 323.7



#70
Styrene
Concen: 79.746 ug/l
RT: 11.93 min Scan# 3158
Delta R.T. -0.01 min
Lab File: VN061468.D
Acq: 19 May 2020 8:29

Tgt Ion:104 Resp: 1107788
Ion Ratio Lower Upper
104 100
78 304.1 40.7 61.1#
103 263.8 43.0 64.4#





#71

Bromoform

Concen: 2.273 ug/l

RT: 12.10 min Scan# 3213

Delta R.T. 0.00 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampled :

DUP-051320

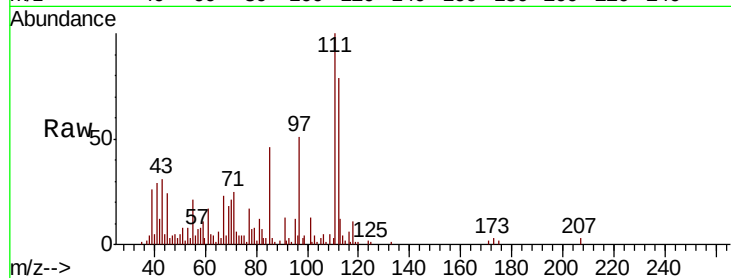
Tot Ion:173 Resp: 919

Ion Ratio Lower Upper

173 100

175 0.0 23.9 71.8#

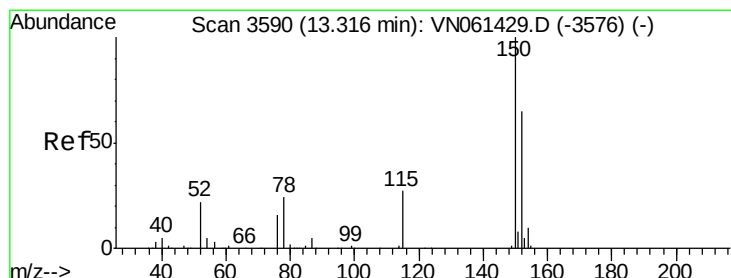
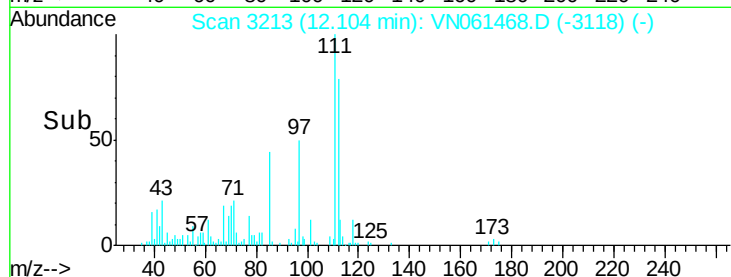
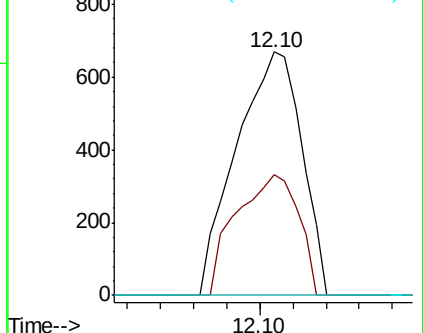
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

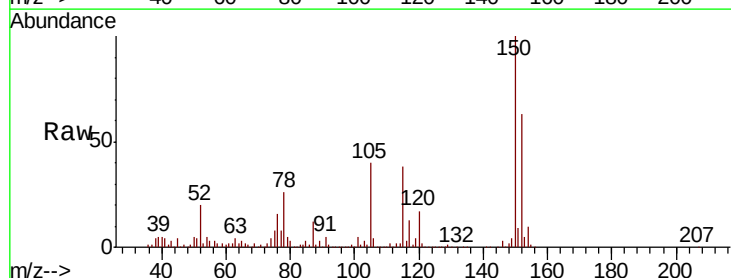
Tgt Ion:152 Resp: 343022

Ion Ratio Lower Upper

152 100

115 48.5 30.9 92.5

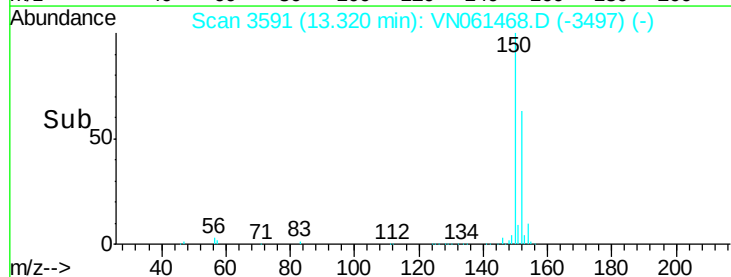
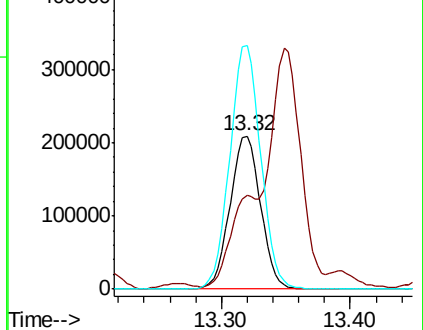
150 161.6 0.0 349.2

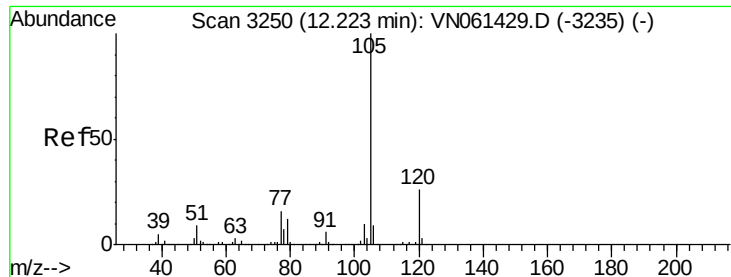


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 103.008 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampleId :

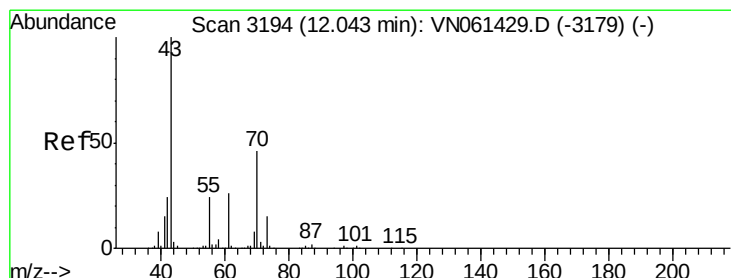
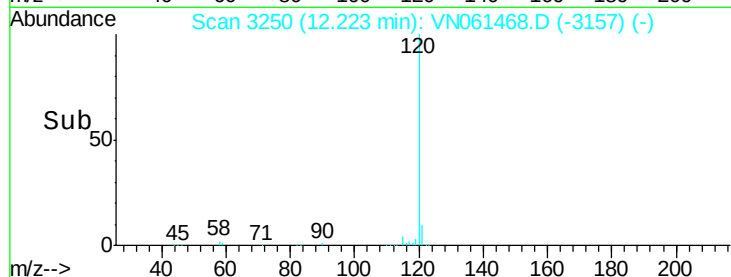
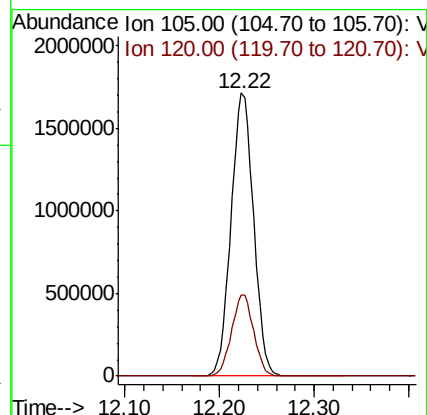
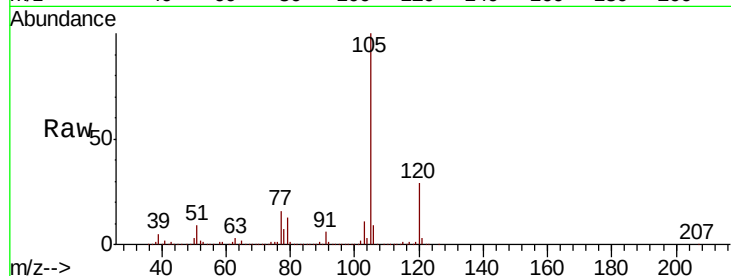
DUP-051320

Tot Ion:105 Resp: 2836582

Ion Ratio Lower Upper

105 100

120 28.2 13.0 39.0



#74

N-ethyl acetate

Concen: 1.008 ug/l

RT: 12.05 min Scan# 3196

Delta R.T. 0.01 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Tgt Ion: 43 Resp: 10164

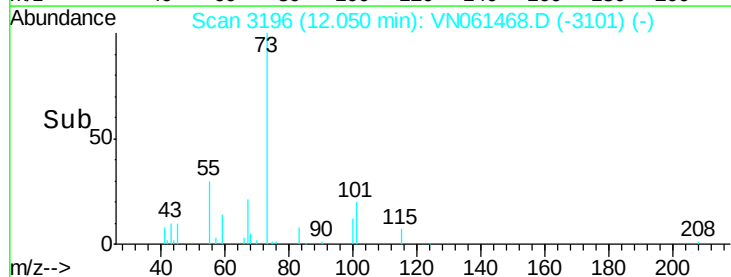
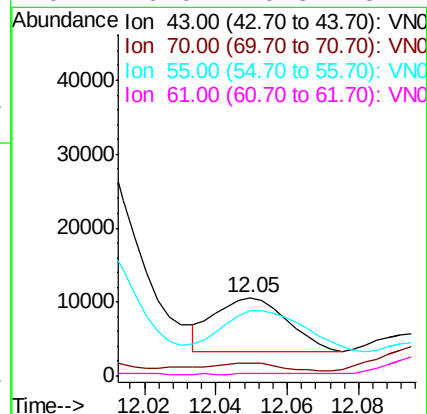
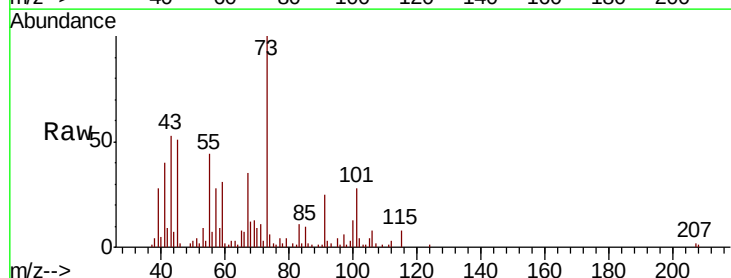
Ion Ratio Lower Upper

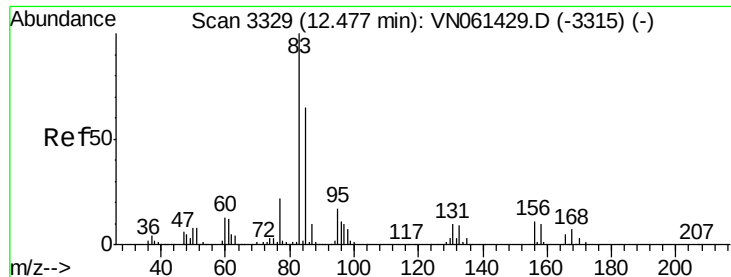
43 100

70 15.9 37.0 55.4#

55 85.4 19.5 29.3#

61 0.0 20.8 31.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.542 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.10 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampled :

DUP-051320

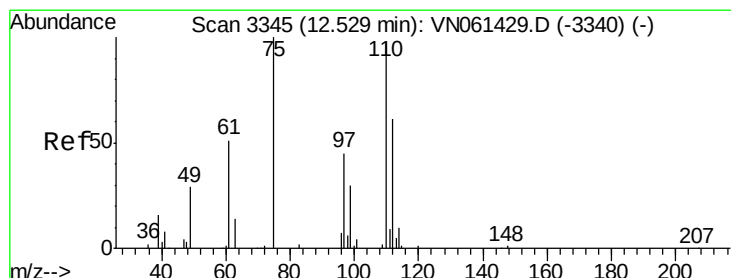
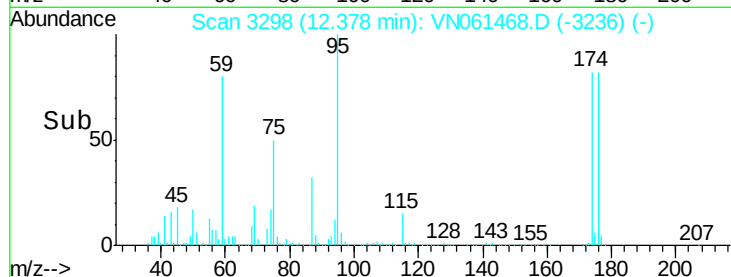
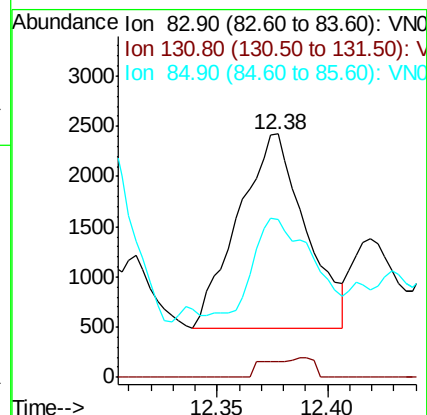
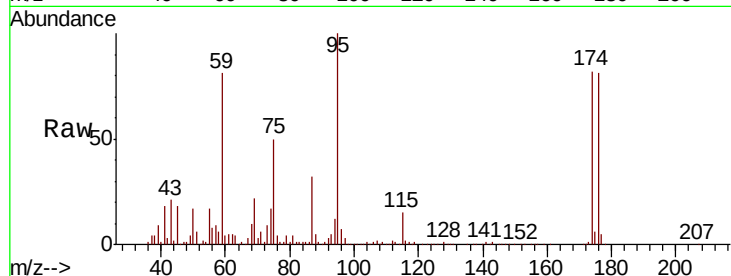
Tot Ion: 83 Resp: 4110

Ion Ratio Lower Upper

83 100

131 7.1 4.8 14.4

85 42.4 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 7.568 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.04 min

Lab File: VN061468.D

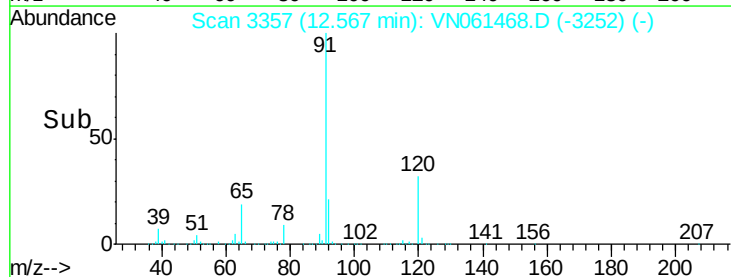
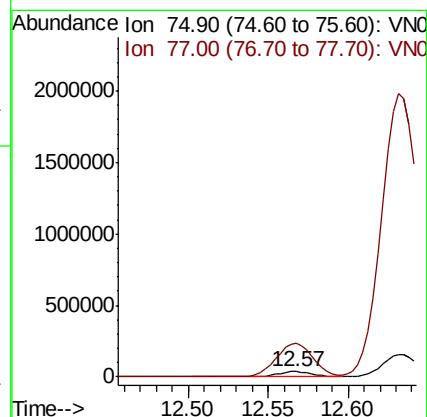
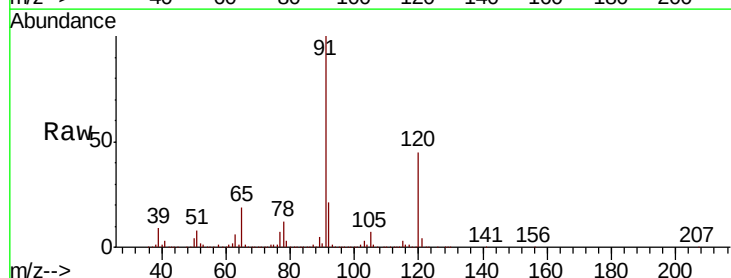
Acq: 19 May 2020 8:29

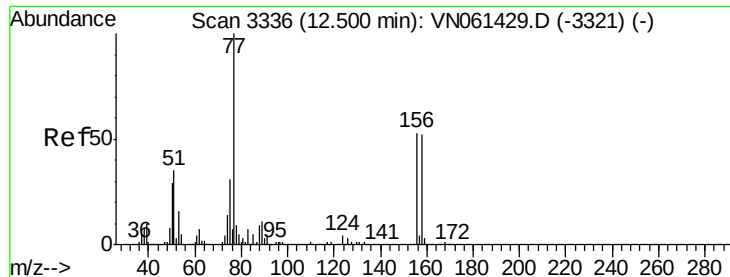
Tgt Ion: 75 Resp: 55707

Ion Ratio Lower Upper

75 100

77 680.5 0.0 0.0#





#77

Bromobenzene

Concen: 0.285 ug/l

RT: 12.46 min Scan# 3324

Delta R.T. -0.04 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampled :

DUP-051320

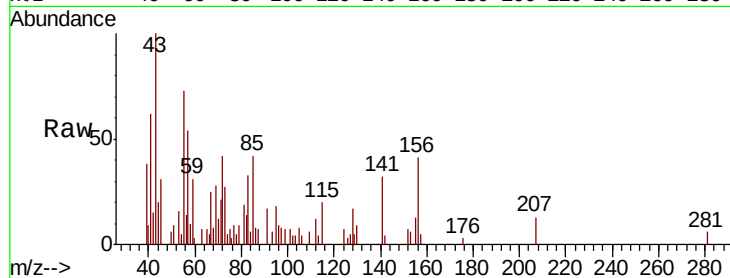
Tot Ion:156 Resp: 1702

Ion Ratio Lower Upper

156 100

77 0.0 112.3 336.9#

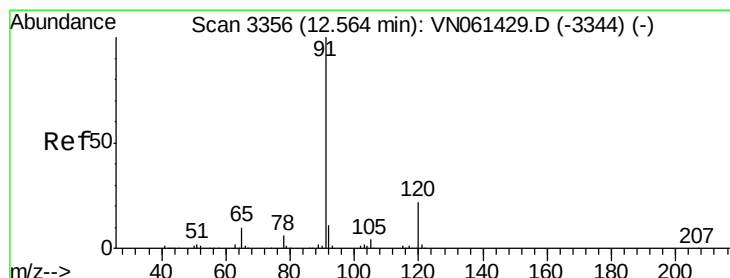
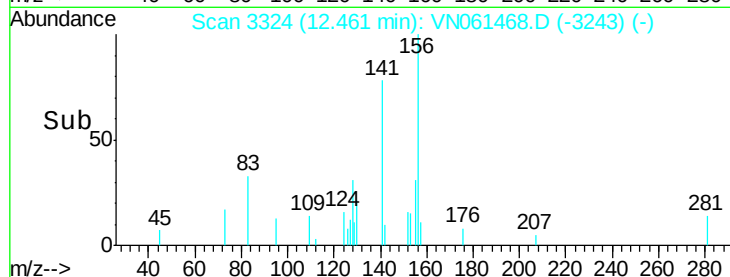
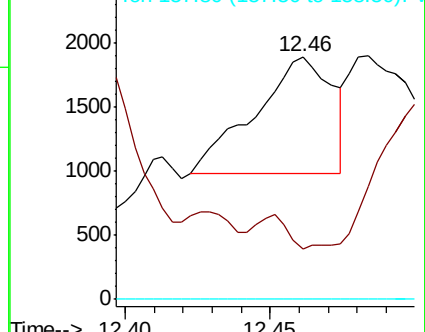
158 0.0 47.9 143.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 207.248 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061468.D

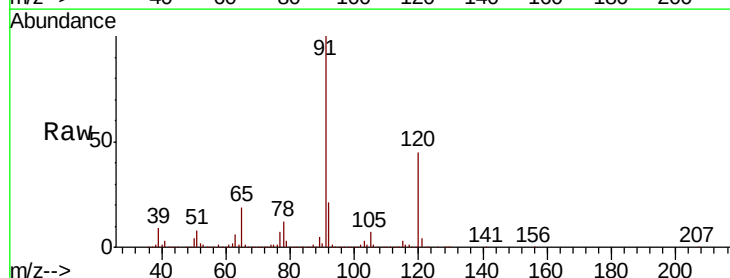
Acq: 19 May 2020 8:29

Tgt Ion: 91 Resp: 6502666

Ion Ratio Lower Upper

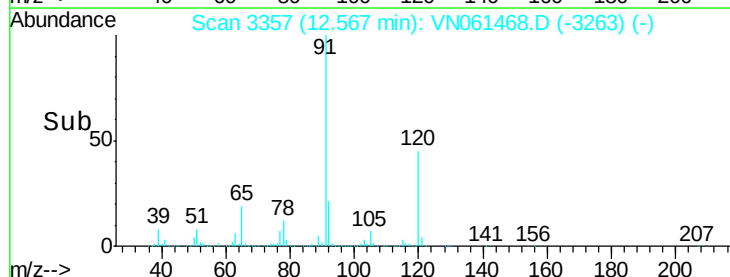
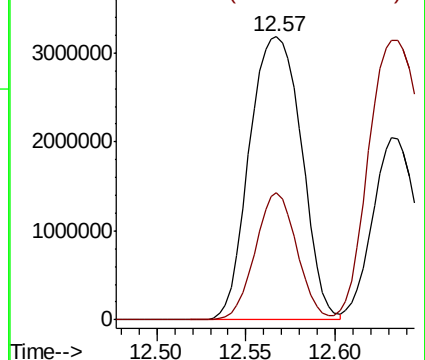
91 100

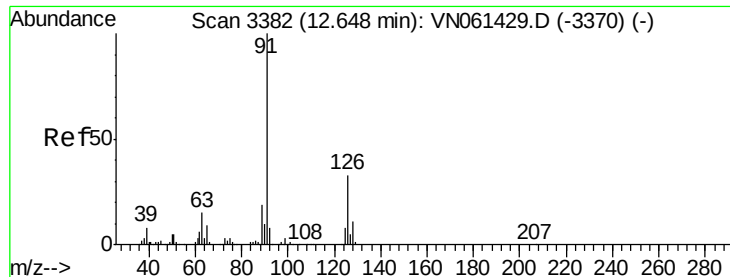
120 35.9 11.2 33.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 183.503 ug/l

RT: 12.63 min Scan# 3377

Delta R.T. -0.02 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampled :

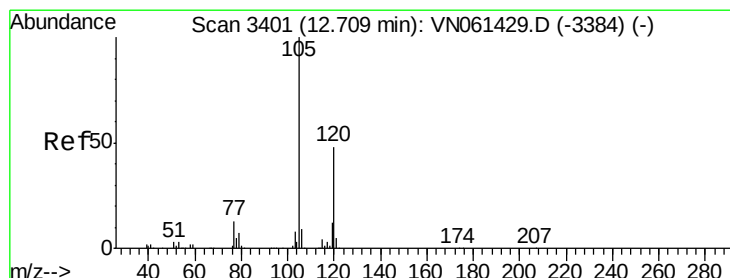
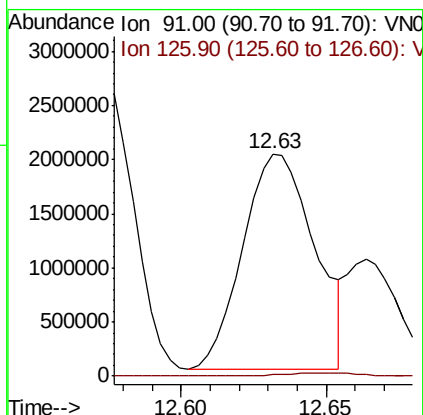
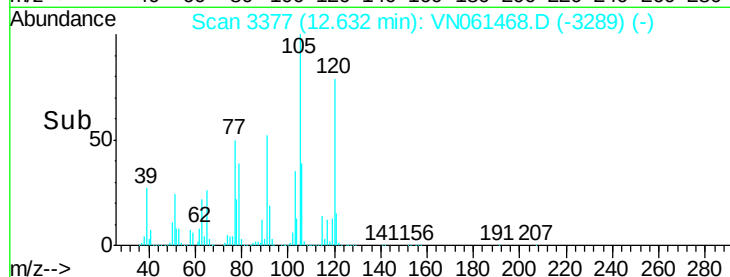
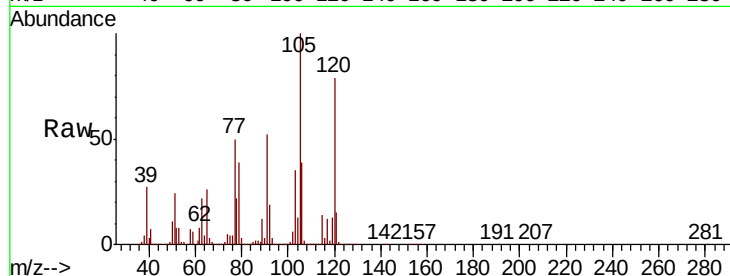
DUP-051320

Tot Ion: 91 Resp: 3403232

Ion Ratio Lower Upper

91 100

126 1.7 16.3 48.9#



#80

1,3,5-Trimethylbenzene

Concen: 424.257 ug/l

RT: 12.63 min Scan# 3377

Delta R.T. -0.08 min

Lab File: VN061468.D

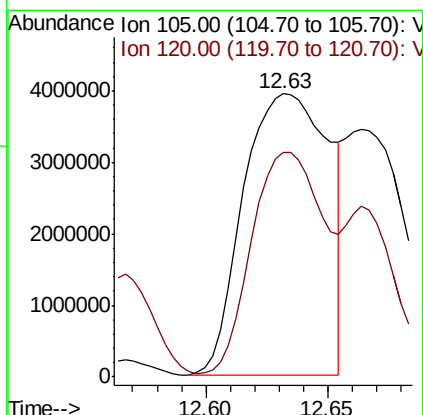
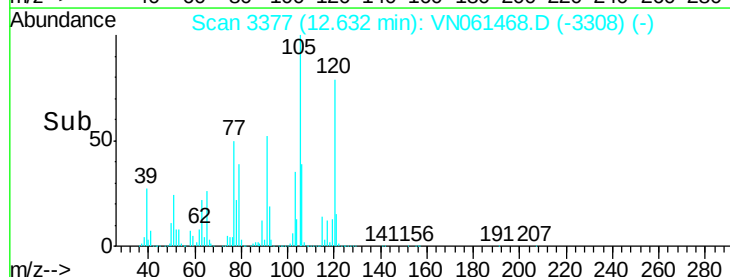
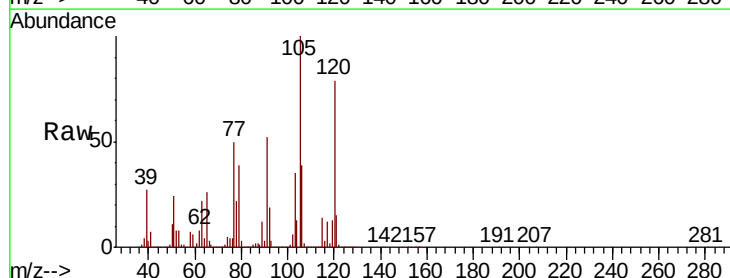
Acq: 19 May 2020 8:29

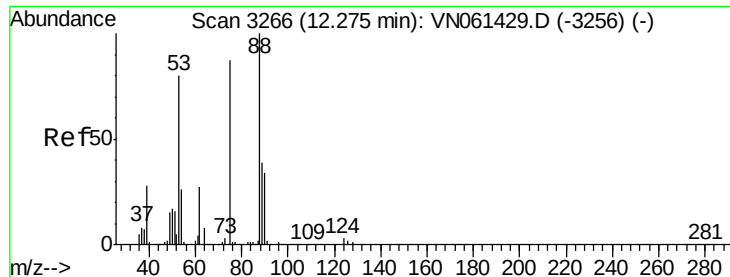
Tgt Ion: 105 Resp: 9565997

Ion Ratio Lower Upper

105 100

120 66.9 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 11.050 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.05 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampled :

DUP-051320

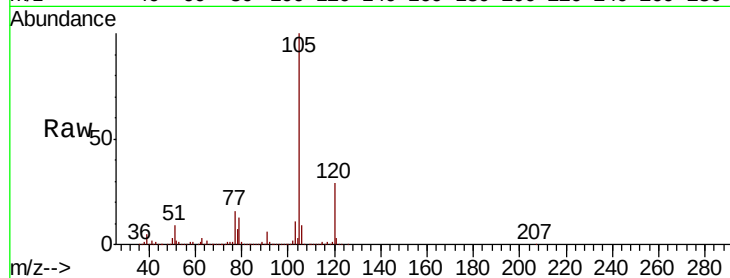
Tot Ion: 75 Resp: 30658

Ion Ratio Lower Upper

75 100

53 98.4 75.2 112.8

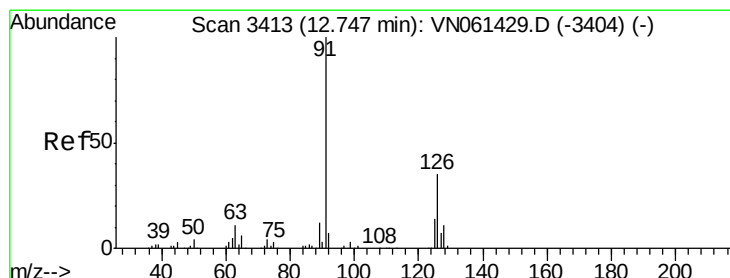
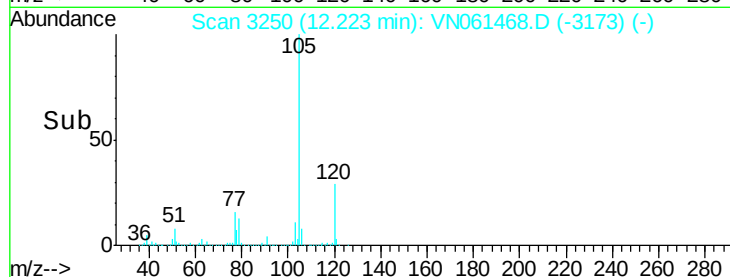
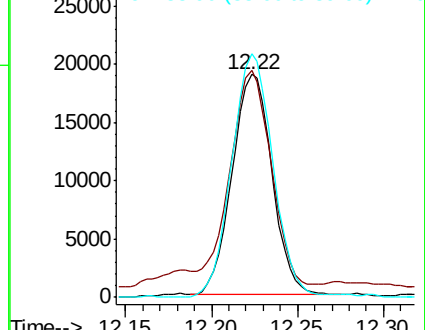
89 113.3 38.2 57.4#



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: 60.160 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.04 min

Lab File: VN061468.D

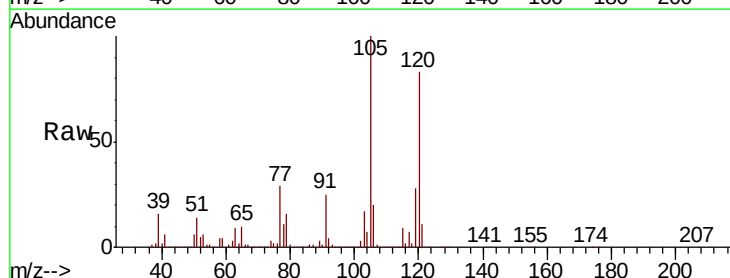
Acq: 19 May 2020 8:29

Tgt Ion: 91 Resp: 1155261

Ion Ratio Lower Upper

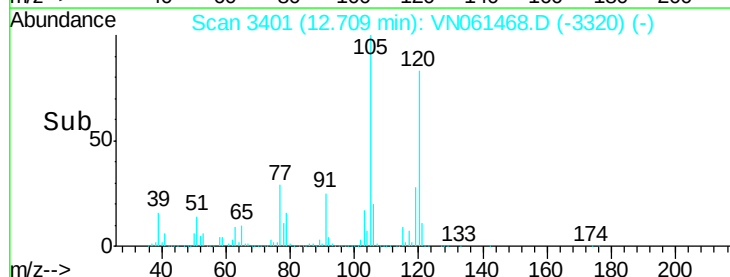
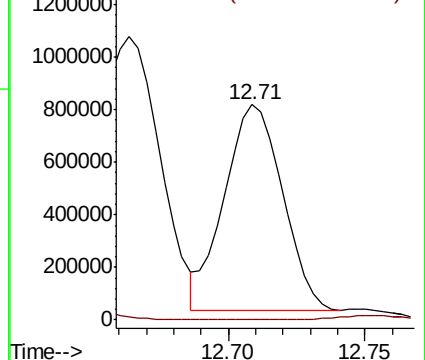
91 100

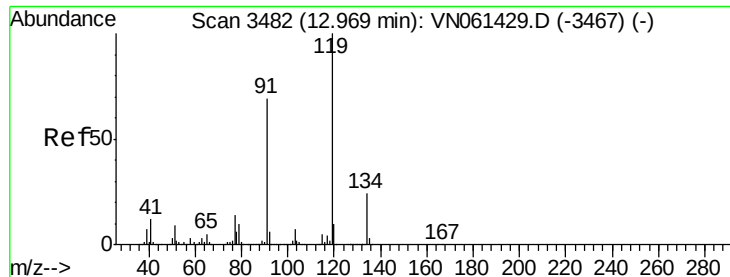
126 0.0 16.1 48.2#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 246.652 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. 0.05 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampled :

DUP-051320

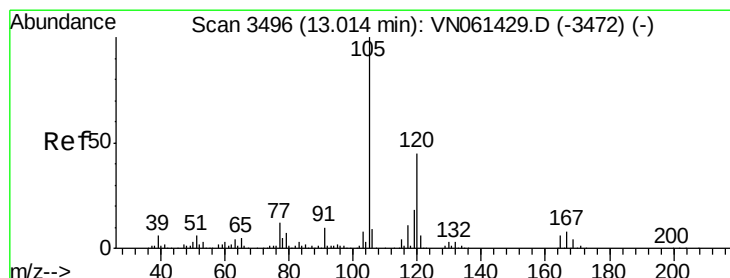
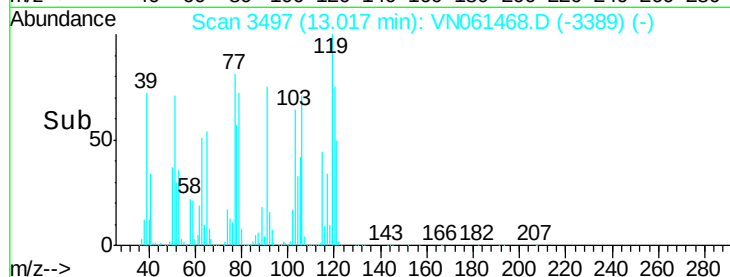
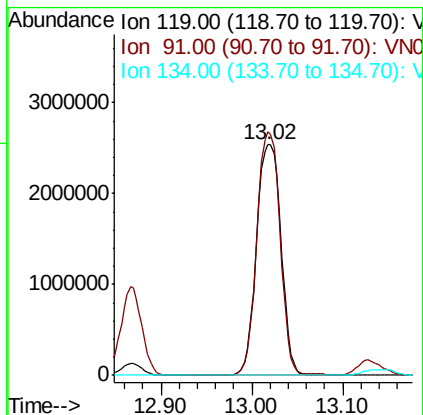
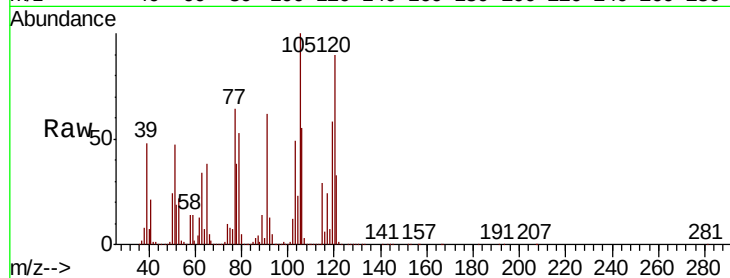
Tot Ion:119 Resp: 4763758

Ion Ratio Lower Upper

119 100

91 100.0 33.7 101.0

134 0.0 12.8 38.3#



#84

1,2,4-Trimethylbenzene

Concen: 324.259 ug/l

RT: 12.87 min Scan# 3450

Delta R.T. -0.15 min

Lab File: VN061468.D

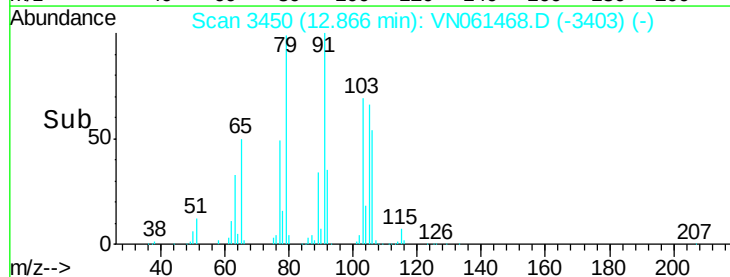
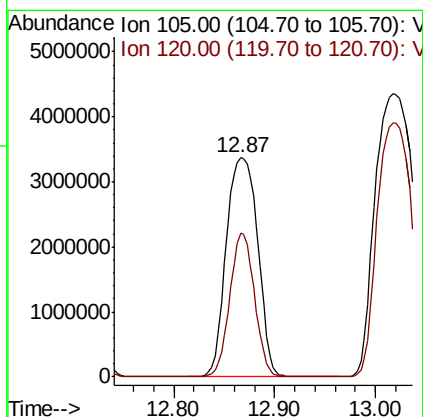
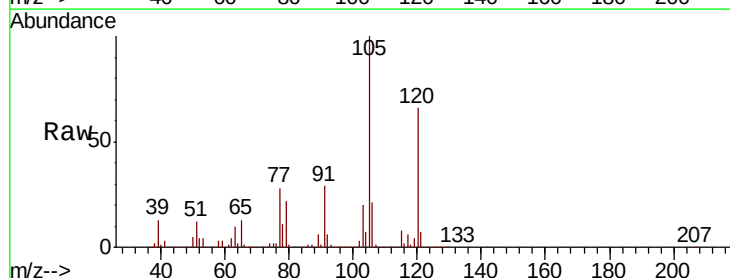
Acq: 19 May 2020 8:29

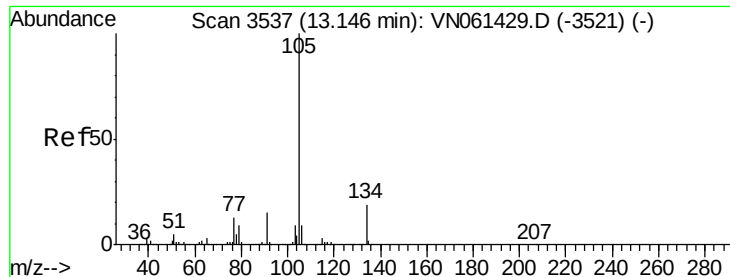
Tgt Ion:105 Resp: 7317010

Ion Ratio Lower Upper

105 100

120 51.5 22.4 67.3





#85

sec-Butylbenzene

Concen: 16.568 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampled :

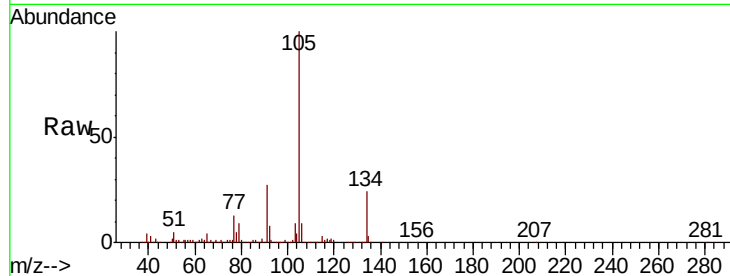
DUP-051320

Tot Ion:105 Resp: 432682

Ion Ratio Lower Upper

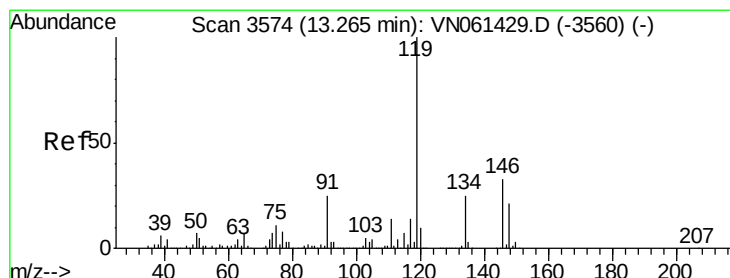
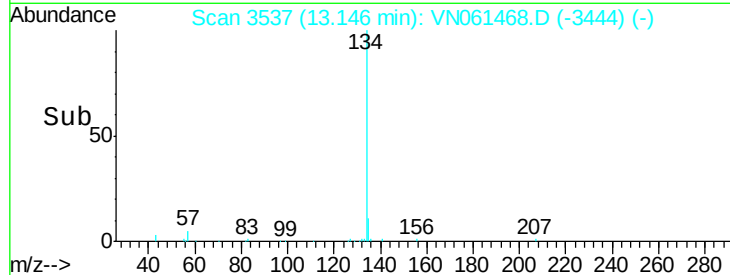
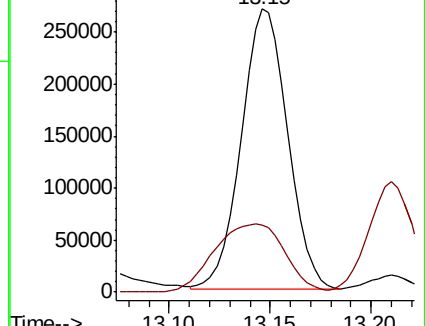
105 100

134 36.8 9.8 29.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 7.015 ug/l

RT: 13.27 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

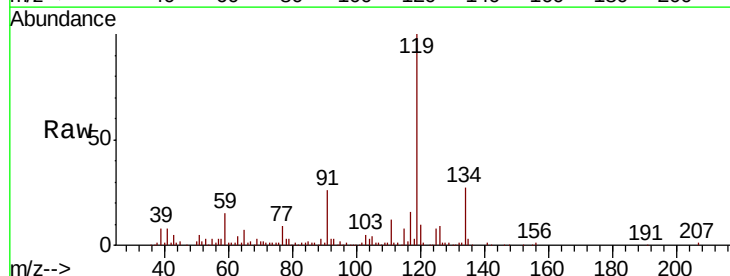
Tgt Ion:119 Resp: 162685

Ion Ratio Lower Upper

119 100

134 26.9 12.7 38.1

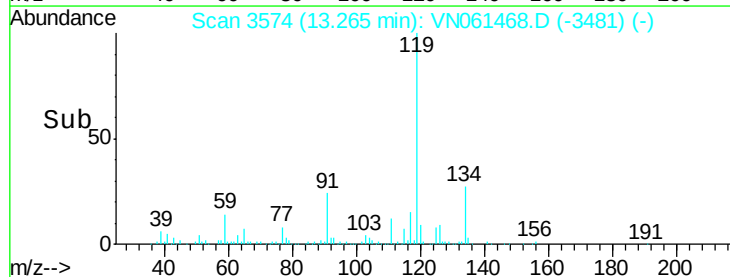
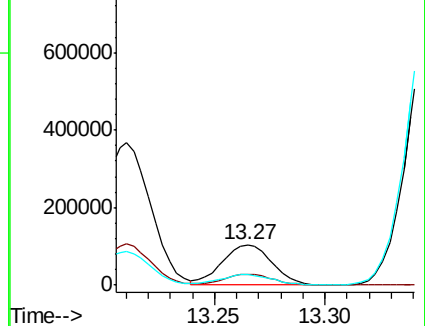
91 0.0 12.6 37.6#

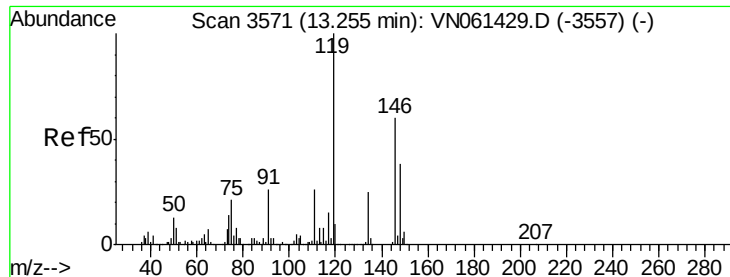


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 6.152 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.08 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampled :

DUP-051320

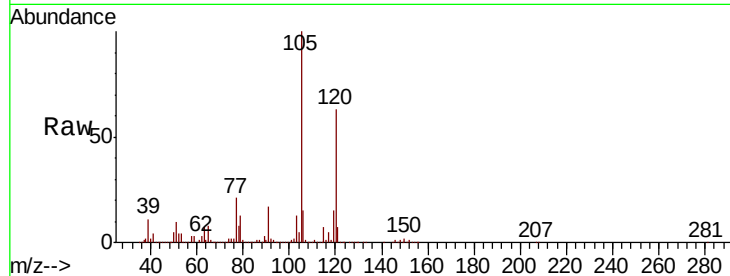
Tot Ion:146 Resp: 67284

Ion Ratio Lower Upper

146 100

111 48.5 21.5 64.5

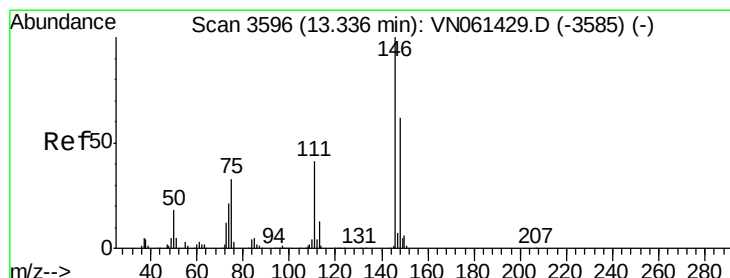
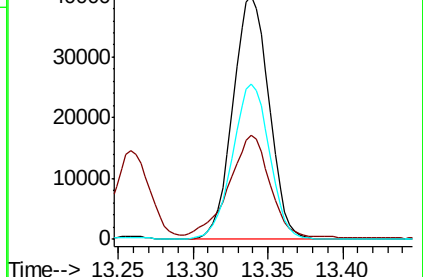
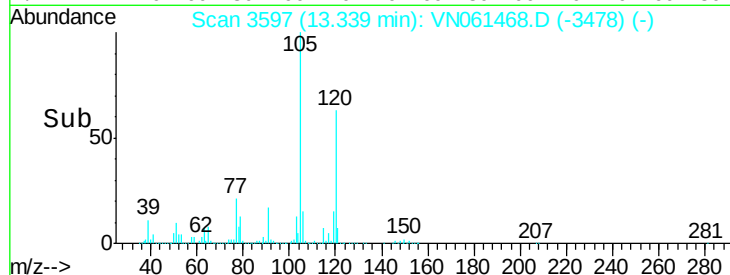
148 65.4 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 6.143 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

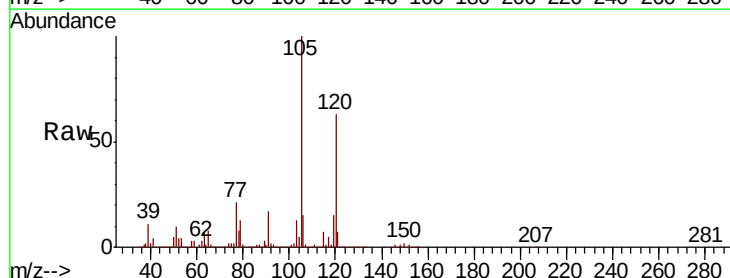
Tgt Ion:146 Resp: 67284

Ion Ratio Lower Upper

146 100

111 48.5 20.8 62.5

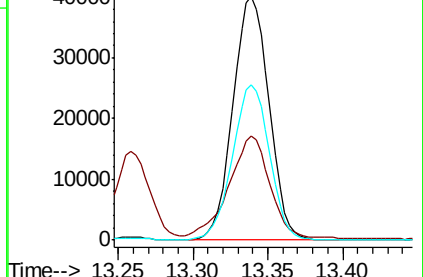
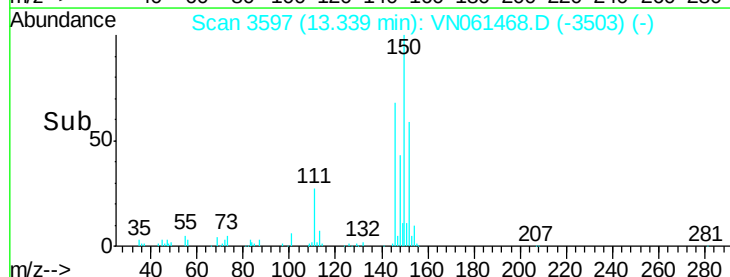
148 65.4 31.6 94.8

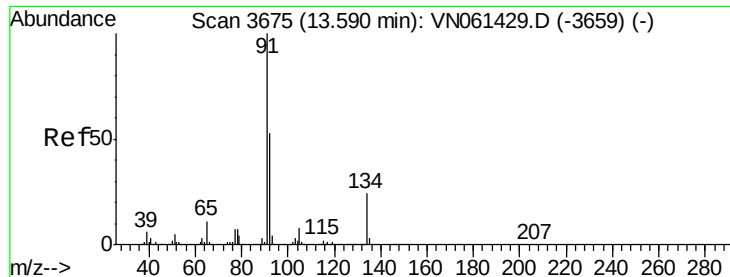


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 7.568 ug/l

RT: 13.56 min Scan# 3665

Delta R.T. -0.03 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampled :

DUP-051320

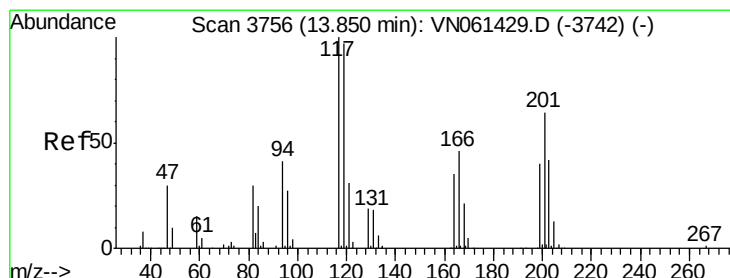
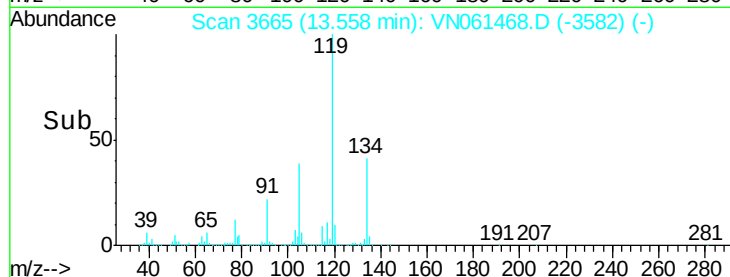
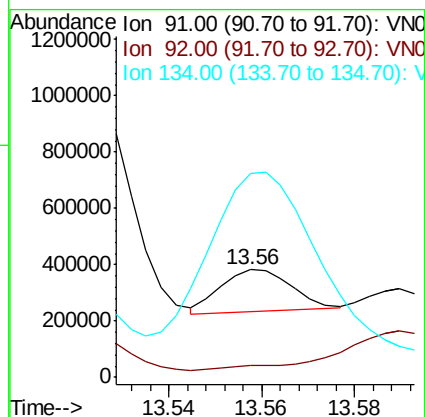
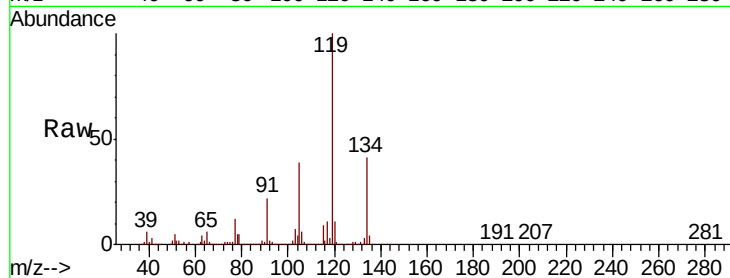
Tot Ion: 91 Resp: 159452

Ion Ratio Lower Upper

91 100

92 0.0 26.8 80.3#

134 864.4 12.4 37.4#



#90

Hexachloroethane

Concen: 96.561 ug/l

RT: 13.86 min Scan# 3760

Delta R.T. 0.01 min

Lab File: VN061468.D

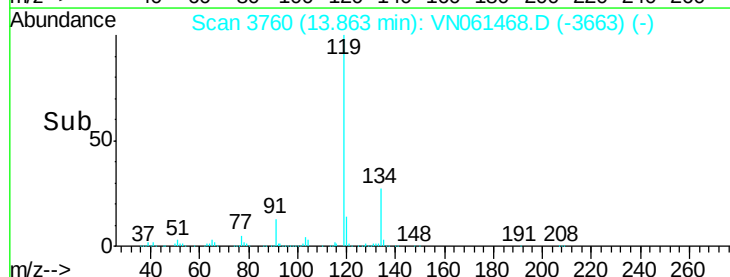
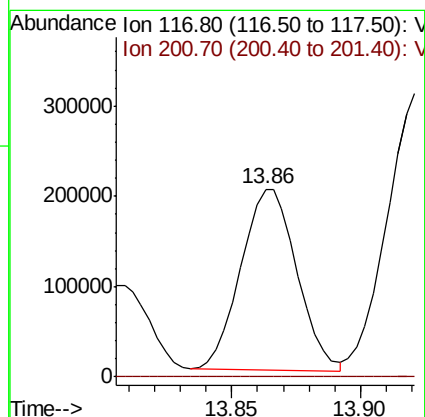
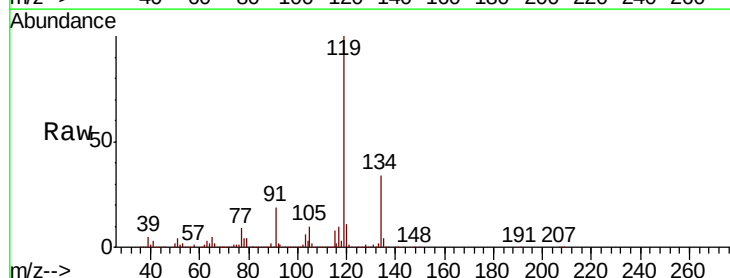
Acq: 19 May 2020 8:29

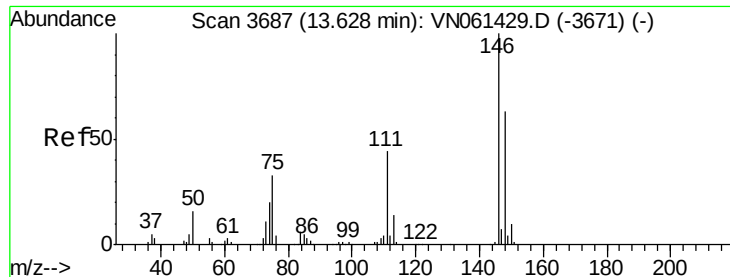
Tgt Ion: 117 Resp: 303489

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.7#





#91

1,2-Dichlorobenzene

Concen: 2.962 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

Instrument :

MSVOA_N

ClientSampleId :

DUP-051320

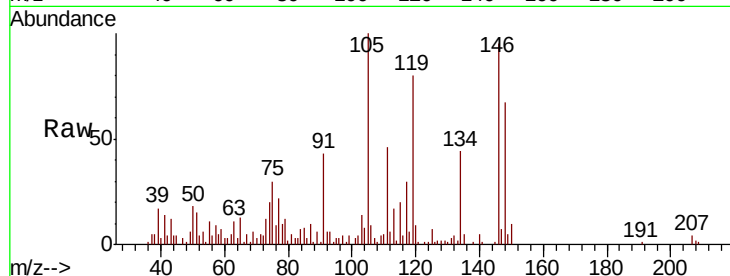
Tot Ion:146 Resp: 31072

Ion Ratio Lower Upper

146 100

111 55.4 21.9 65.7

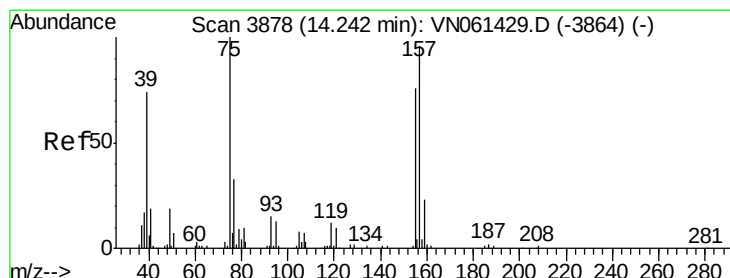
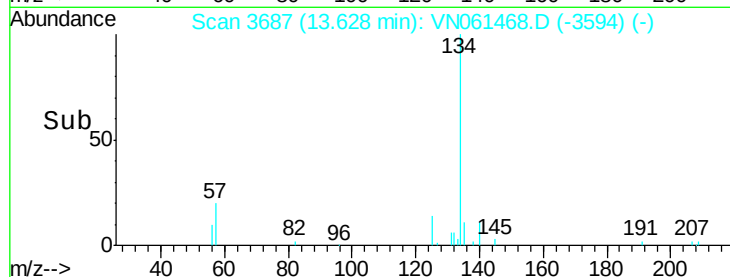
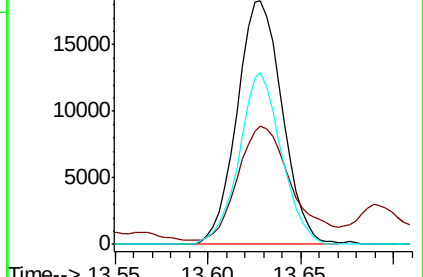
148 65.4 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.192 ug/l

RT: 14.22 min Scan# 3872

Delta R.T. -0.02 min

Lab File: VN061468.D

Acq: 19 May 2020 8:29

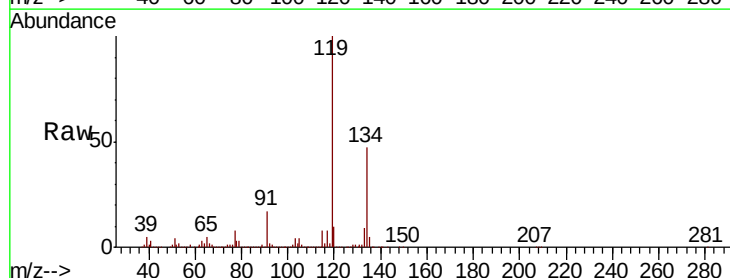
Tgt Ion: 75 Resp: 15598

Ion Ratio Lower Upper

75 100

155 0.0 38.9 116.7#

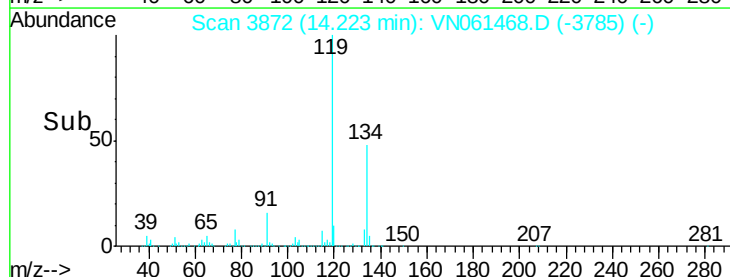
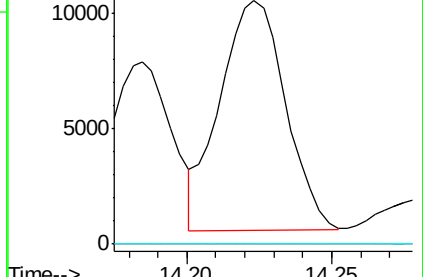
157 0.0 48.6 145.8#

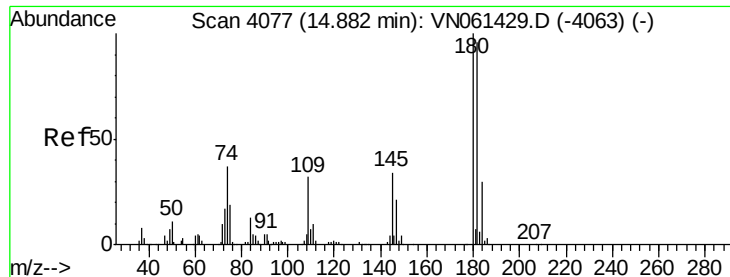


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

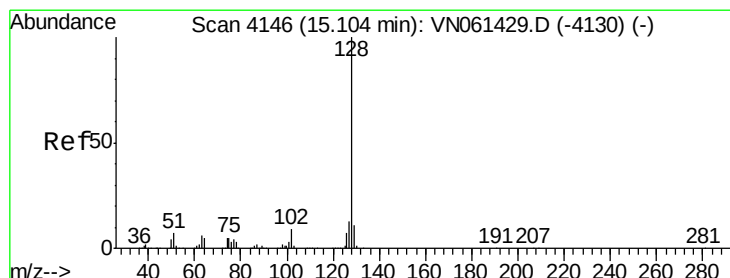
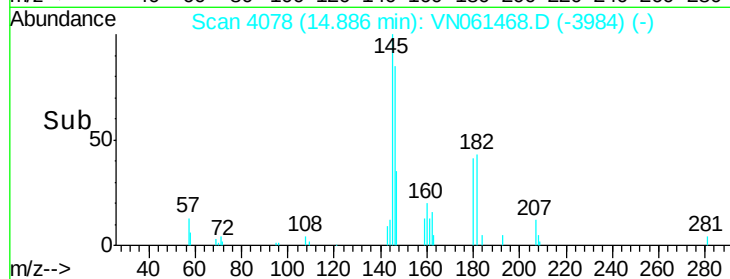
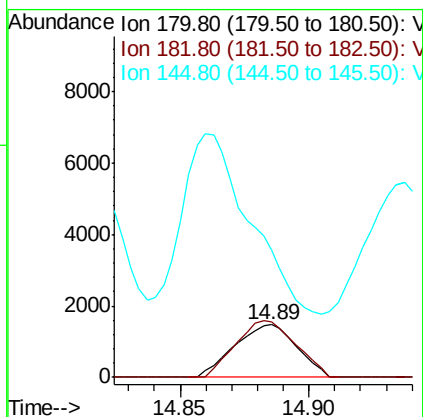
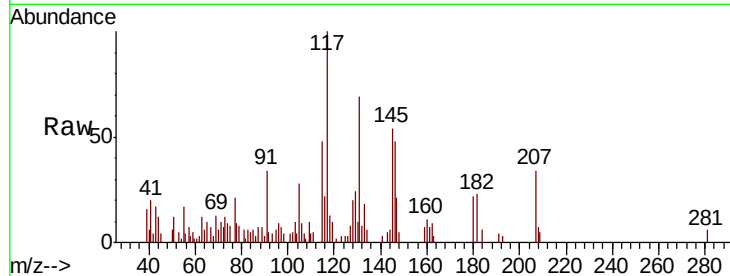




#93
 1,2,4-Trichlorobenzene
 Concen: 0.436 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061468.D
 Acq: 19 May 2020 8:29

Instrument :
 MSVOA_N
 ClientSampled :
 DUP-051320

Tot Ion:180 Resp: 2481
 Ion Ratio Lower Upper
 180 100
 182 103.7 47.0 141.0
 145 0.0 16.7 50.0#



#95
 Naphthalene
 Concen: 394.826 ug/l
 RT: 15.10 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: VN061468.D
 Acq: 19 May 2020 8:29

Tgt Ion:128 Resp: 7140540
 Ion Ratio Lower Upper
 128 100
 127 18.9 10.1 15.1#
 129 16.5 8.6 13.0#

