

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092518\
 Data File : VN051486.D
 Acq On : 25 Sep 2018 15:44
 Operator : MD\SY
 Sample : VSTDCCC020EC
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Sep 26 02:11:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 26 01:19:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	100421	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	521105	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	452974	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	211511	30.60	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.00%
60) 4-Bromofluorobenzene	12.40	95	203179	30.55	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.83%
63) Toluene-d8	10.09	98	655939	30.20	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	74245	17.263	ug/l 98
3) Chloromethane	2.06	50	145572	19.686	ug/l 96
4) Vinyl Chloride	2.18	62	150742	19.104	ug/l 99
5) Bromomethane	2.57	94	104419	20.248	ug/l 90
6) Chloroethane	2.70	64	100897	20.745	ug/l 97
7) Trichlorofluoromethane	3.02	101	192751	18.820	ug/l 92
8) Diethyl Ether	3.41	74	69586	22.598	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	106551	20.487	ug/l # 41
10) 1,1-Dichloroethene	3.74	96	99689	21.043	ug/l 99
11) Methyl Iodide	3.95	142	142406	20.385	ug/l 98
12) Methyl Acetate	4.33	43	99273	23.841	ug/l # 89
13) Acrolein	3.61	56	66208	119.245	ug/l 88
14) Acrylonitrile	4.99	53	194481	114.981	ug/l # 60
15) Acetone	3.82	58	46782	112.300	ug/l 86
16) Carbon Disulfide	4.05	76	294561	19.603	ug/l 97
17) Allyl chloride	4.33	41	178543	21.349	ug/l 97
18) Methylene Chloride	4.55	84	127323	22.504	ug/l 92
19) trans-1,2-Dichloroethene	5.05	96	109023	21.259	ug/l 97
20) Diisopropyl ether	5.96	45	396068	23.852	ug/l # 85
21) 1,1-Dichloroethane	5.85	63	223371	22.332	ug/l 97
22) cis-1,2-Dichloroethene	6.83	96	128137	22.329	ug/l 95
23) tert-Butyl Alcohol	4.79	59	38785	121.767	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	296917	23.012	ug/l # 61
25) Chloroform	7.37	83	224599	22.513	ug/l 95
26) Cyclohexane	7.65	56	175327	20.589	ug/l # 97
29) 1,1-Dichloropropene	7.79	75	156340	21.308	ug/l 99
30) 2-Butanone	6.84	43	220171	116.169	ug/l # 97
31) 2,2-Dichloropropane	6.83	77	167745	21.433	ug/l # 80
32) 1,1,1-Trichloroethane	7.57	97	183860	21.950	ug/l 99
33) Carbon Tetrachloride	7.78	117	165712	21.561	ug/l 94
34) Benzene	8.04	78	493863	22.671	ug/l # 69
35) Methacrylonitrile	7.18	41	46087	16.874	ug/l 90
36) 1,2-Dichloroethane	8.13	62	164782	23.231	ug/l 97
37) Trichloroethene	8.84	130	124680	21.595	ug/l 99
38) Methylcyclohexane	9.08	83	172902	20.328	ug/l 94
39) 1,2-Dichloropropane	9.12	63	139025	23.460	ug/l 96
40) Dibromomethane	9.21	93	78865	23.382	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	169146	22.810	ug/l	96
42) Vinyl Acetate	5.90	43	1263378	119.879	ug/l	99
43) Ethyl Acetate	6.93	43	105840	26.839	ug/l #	85
44) Isopropyl Acetate	8.17	43	183889	24.246	ug/l	99
45) 1,4-Dioxane	9.20	88	22934	497.037	ug/l	90
46) Methyl methacrylate	9.20	41	89937	23.946	ug/l	94
47) n-amyl Acetate	12.07	43	130305	21.500	ug/l #	71
48) t-1,3-Dichloropropene	10.38	75	163436	22.195	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	195879	22.981	ug/l	96
50) 1,1,2-Trichloroethane	10.56	97	113893	23.617	ug/l	93
51) Ethyl methacrylate	10.43	69	129252	22.646	ug/l	97
52) 1,3-Dichloropropane	10.71	76	191576	23.547	ug/l	96
53) Dibromochloromethane	10.90	129	127649	23.012	ug/l	95
54) 1,2-Dibromoethane	11.01	107	106711	22.933	ug/l	97
55) 2-Chloroethyl vinyl ether	9.70	63	328847	116.683	ug/l	100
56) Bromoform	12.13	173	82858	22.156	ug/l	95
58) 4-Methyl-2-Pentanone	9.99	43	502650	126.267	ug/l	96
59) 2-Hexanone	10.75	43	306086	116.825	ug/l	97
61) Tetrachloroethene	10.63	164	118549	22.495	ug/l	96
62) Toluene	10.16	91	517374	22.311	ug/l	99
64) Chlorobenzene	11.43	112	318427	22.397	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.51	131	124847	22.713	ug/l	99
66) Ethyl Benzene	11.51	91	517820	21.645	ug/l	97
67) m/p-Xylenes	11.62	106	401504	43.596	ug/l	97
68) o-Xylene	11.95	106	195068	22.239	ug/l	95
69) Styrene	11.96	104	305176	22.025	ug/l	99
70) Isopropylbenzene	12.25	105	517372	22.039	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.50	83	133176	24.100	ug/l	96
72) 1,2,3-Trichloropropane	12.55	75	160473	36.825	ug/l	67
73) Bromobenzene	12.53	156	128663	21.747	ug/l	97
74) n-propylbenzene	12.59	91	575883	21.101	ug/l	98
75) 2-Chlorotoluene	12.67	91	357219	22.179	ug/l	98
76) 1,3,5-Trimethylbenzene	12.73	105	431469	22.275	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	32312	21.501	ug/l	92
78) 4-Chlorotoluene	12.77	91	347331	21.743	ug/l	98
79) tert-butylbenzene	12.99	119	366245	21.716	ug/l	98
80) 1,2,4-Trimethylbenzene	13.04	105	435532	22.366	ug/l	99
81) sec-Butylbenzene	13.17	105	500488	21.573	ug/l	99
82) p-Isopropyltoluene	13.29	119	430080	21.475	ug/l	96
83) 1,3-Dichlorobenzene	13.28	146	222163	21.409	ug/l	96
84) 1,4-Dichlorobenzene	13.36	146	206548	21.193	ug/l	97
85) n-Butylbenzene	13.62	91	323811	19.693	ug/l	98
86) Hexachloroethane	13.87	117	84785	21.127	ug/l	97
87) 1,2-Dichlorobenzene	13.65	146	220321	22.396	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	18853	23.116	ug/l #	93
89) 1,2,4-Trichlorobenzene	14.91	180	94450	19.275	ug/l	97
90) Hexachlorobutadiene	15.01	225	81977	21.586	ug/l	96
91) Naphthalene	15.13	128	163423	17.675	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	96868	19.583	ug/l	95

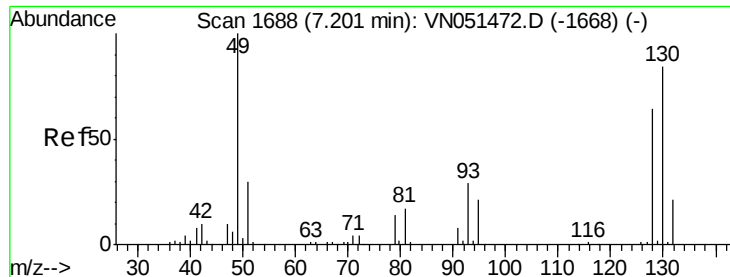
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092518\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

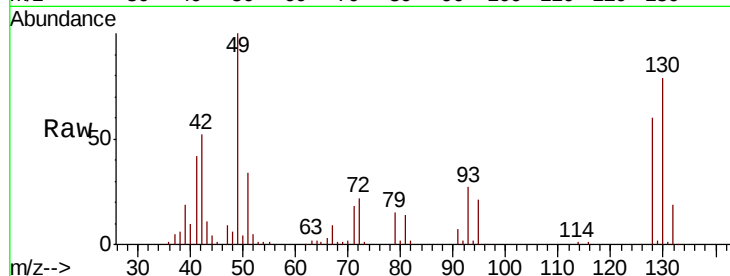
Tot Ion:128 Resp: 100421

Ion Ratio Lower Upper

128 100

49 167.7 0.0 403.3

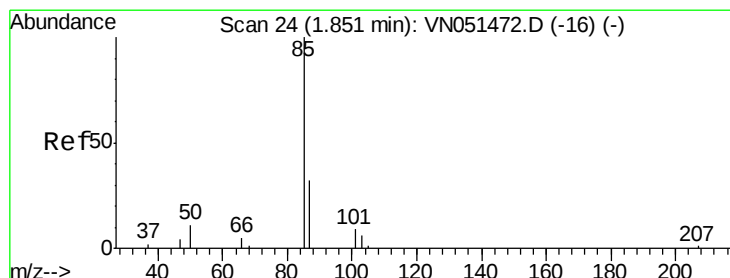
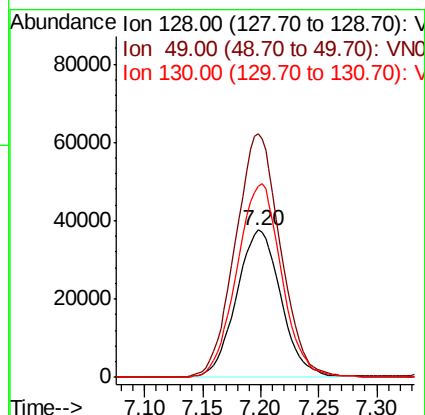
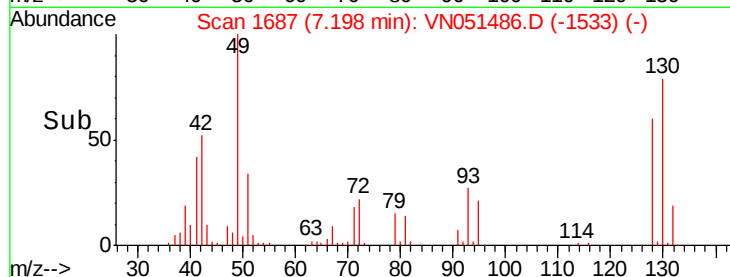
130 131.9 0.0 326.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.263 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051486.D

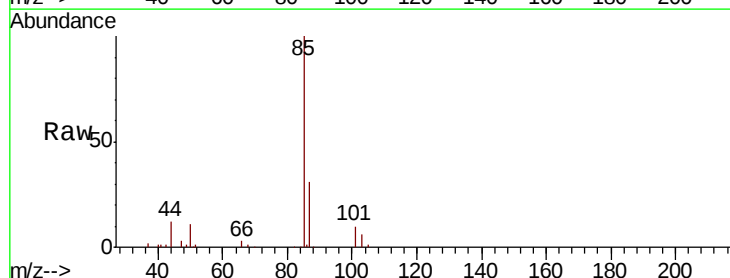
Acq: 25 Sep 2018 15:44

Tgt Ion: 85 Resp: 74245

Ion Ratio Lower Upper

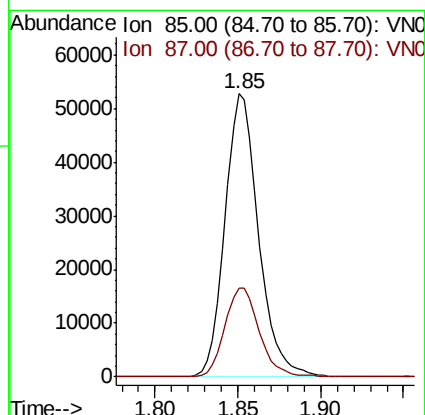
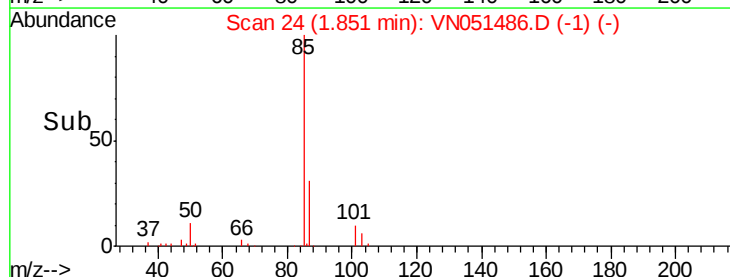
85 100

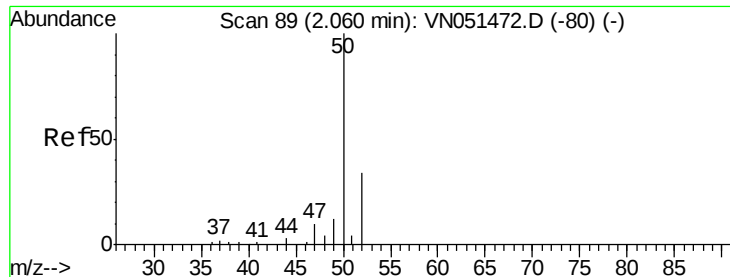
87 31.4 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 19.686 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

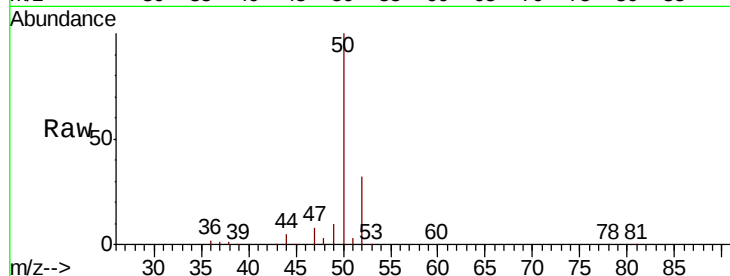
VSTDCCC020EC

Tot Ion: 50 Resp: 145572

Ion Ratio Lower Upper

50 100

52 31.7 27.2 40.8



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

2.06

120000

100000

80000

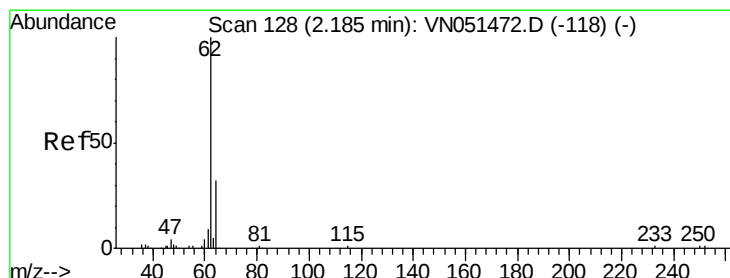
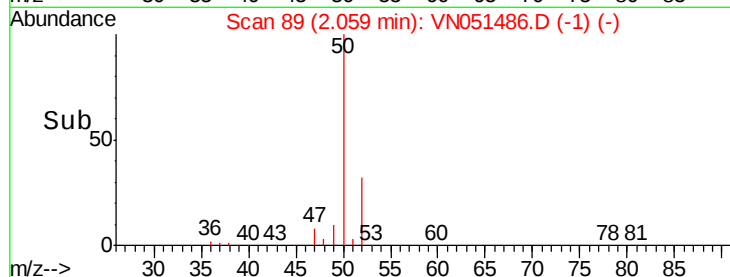
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 19.104 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN051486.D

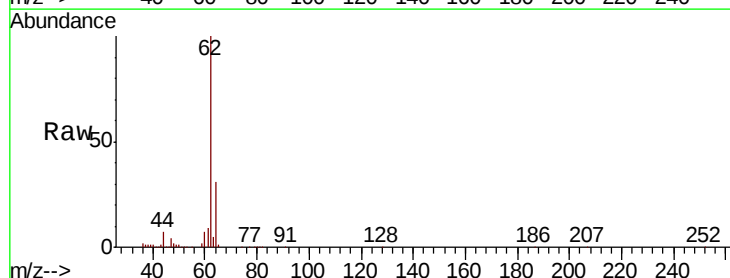
Acq: 25 Sep 2018 15:44

Tgt Ion: 62 Resp: 150742

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.2



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

2.18

120000

100000

80000

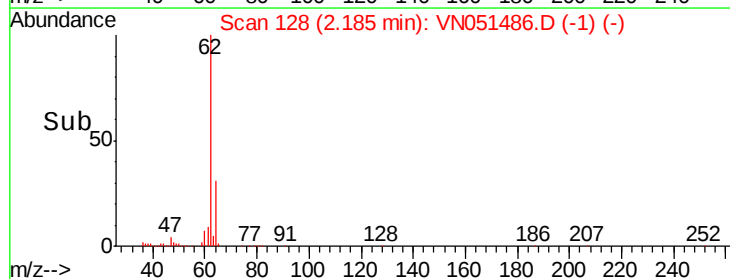
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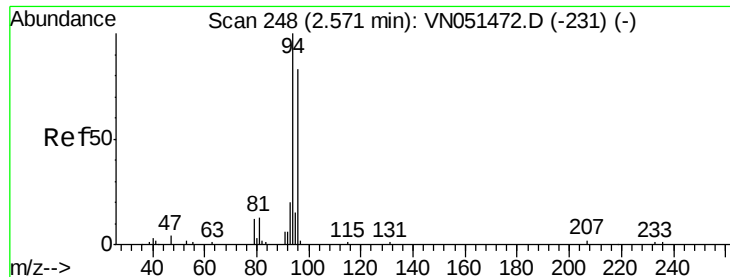
40000

20000

0

Time-->





#5

Bromomethane

Concen: 20.248 ug/l

RT: 2.57 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

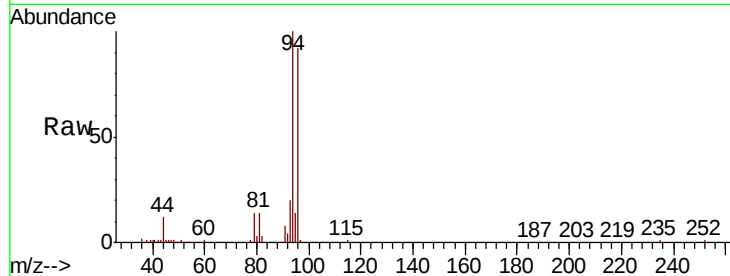
VSTDCCC020EC

Tot Ion: 94 Resp: 104419

Ion Ratio Lower Upper

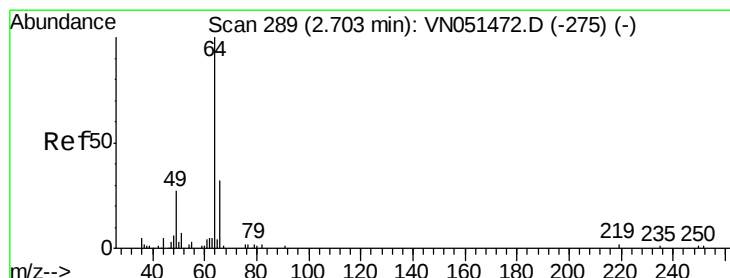
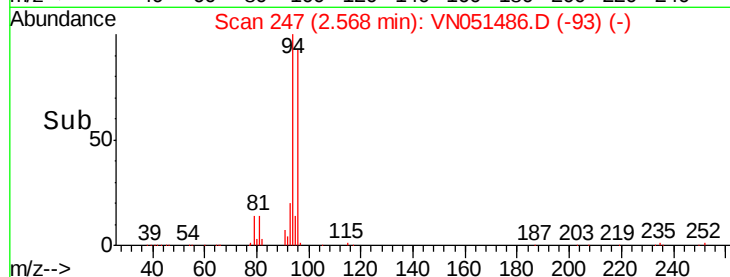
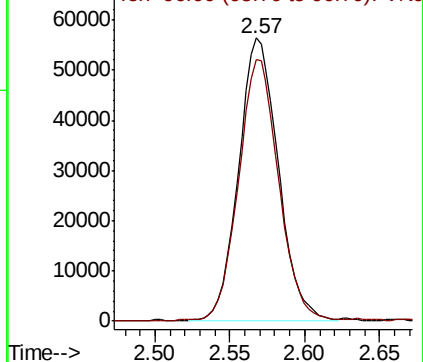
94 100

96 91.7 66.4 99.6



Abundance Ion 94.00 (93.70 to 94.70): VNO

Ion 96.00 (95.70 to 96.70): VNO



#6

Chloroethane

Concen: 20.745 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN051486.D

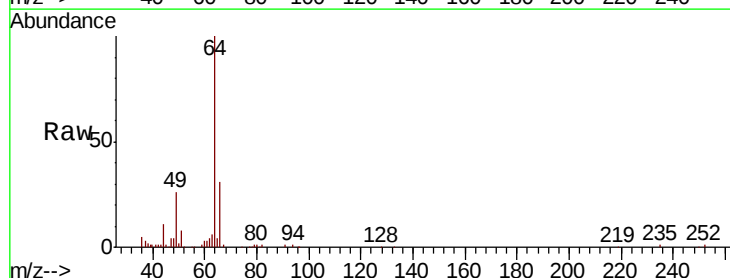
Acq: 25 Sep 2018 15:44

Tgt Ion: 64 Resp: 100897

Ion Ratio Lower Upper

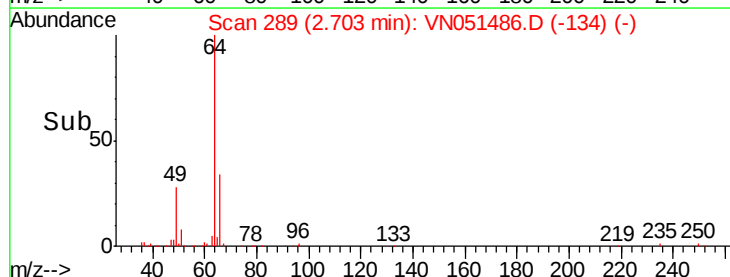
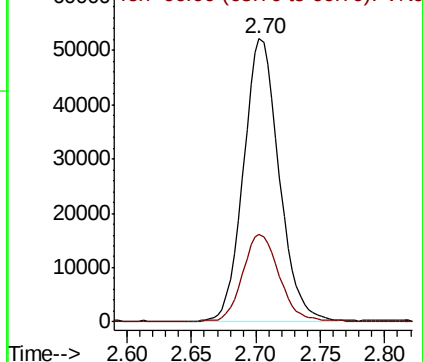
64 100

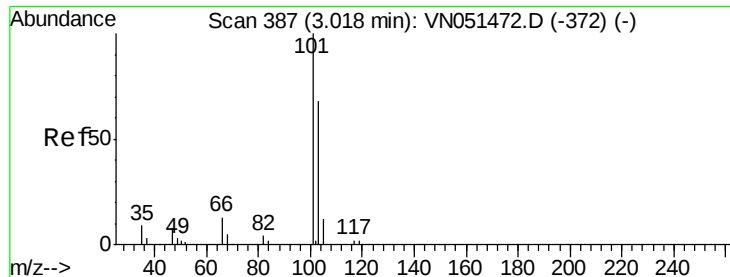
66 30.6 25.8 38.6



Abundance Ion 64.00 (63.70 to 64.70): VNO

Ion 66.00 (65.70 to 66.70): VNO



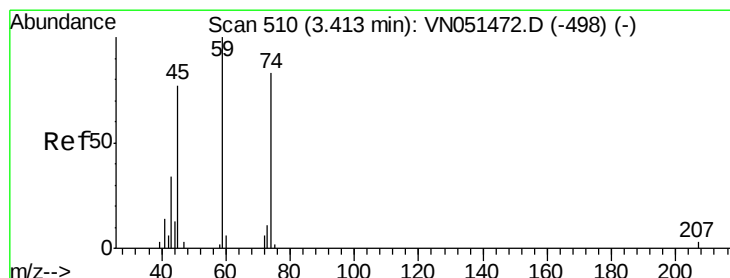
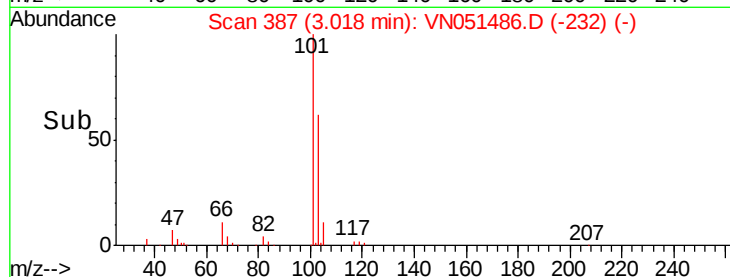
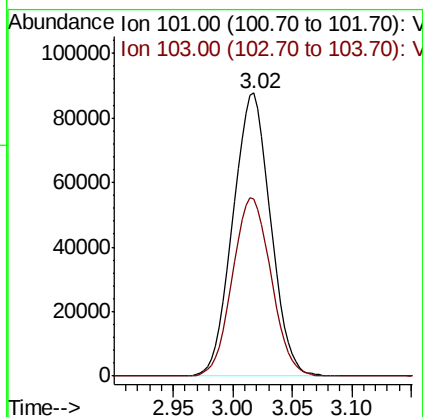
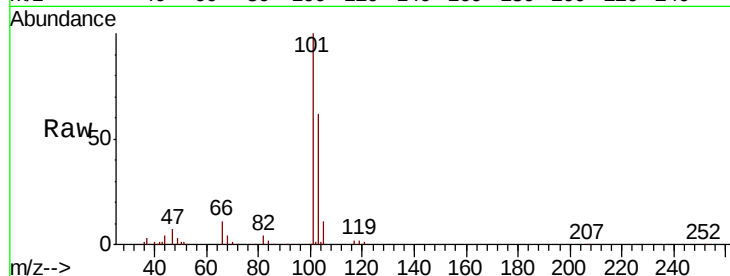


#7

Trichlorofluoromethane
 Concen: 18.820 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

Instrument :
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 VSTDCCC020EC

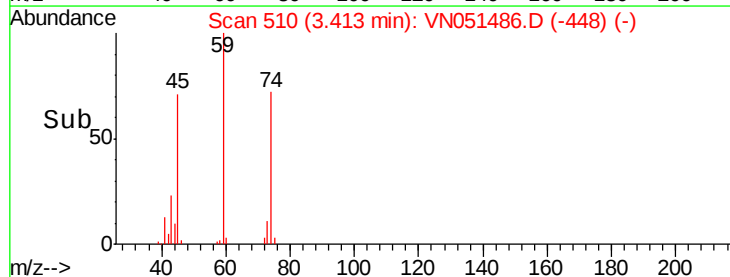
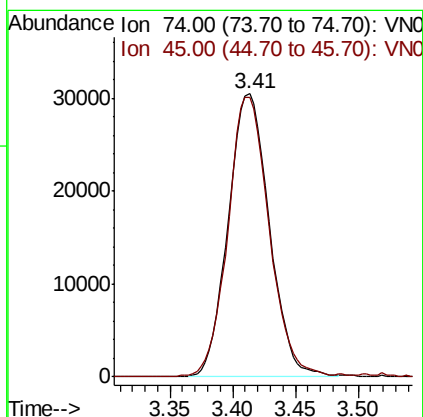
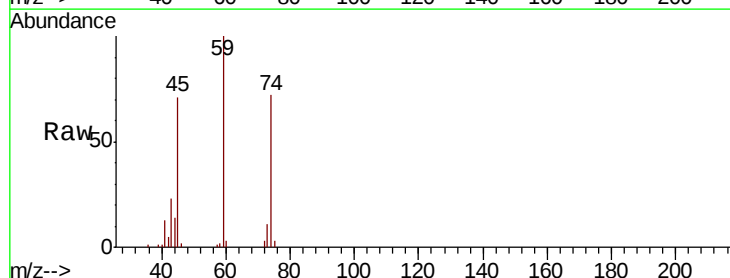
Tot Ion:101 Resp: 192751
 Ion Ratio Lower Upper
 101 100
 103 62.4 54.8 82.2

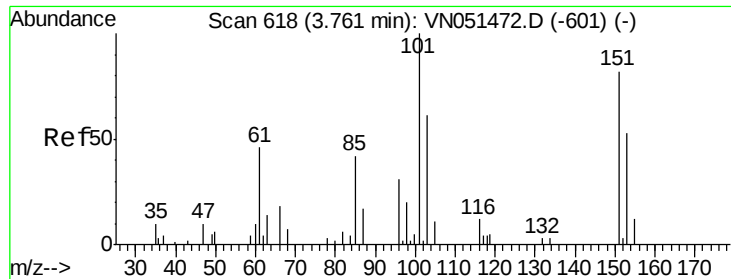


#8

Diethyl Ether
 Concen: 22.598 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

Tgt Ion: 74 Resp: 69586
 Ion Ratio Lower Upper
 74 100
 45 99.2 20.7 186.5

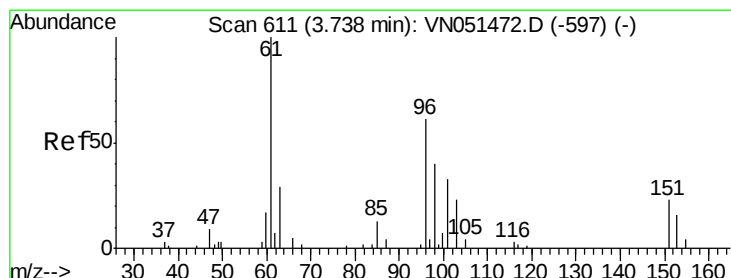
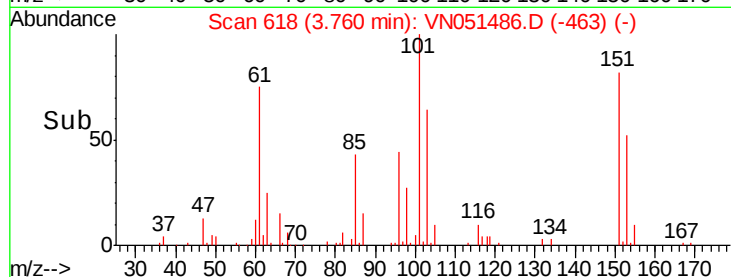
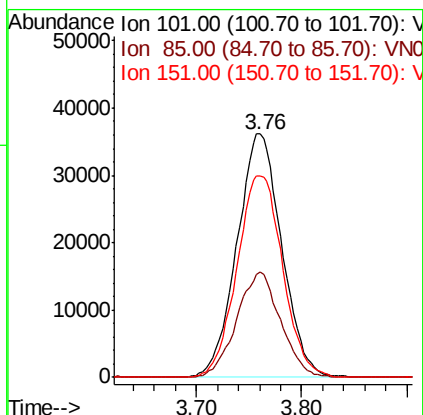
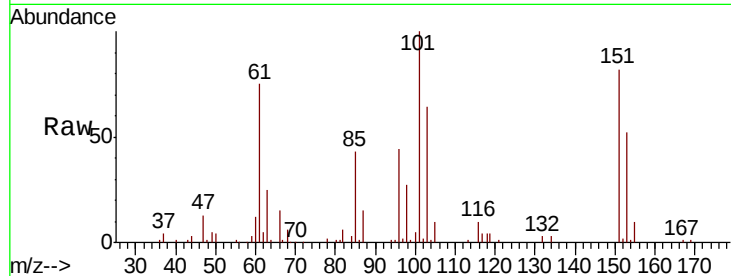




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.487 ug/l
 RT: 3.76 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

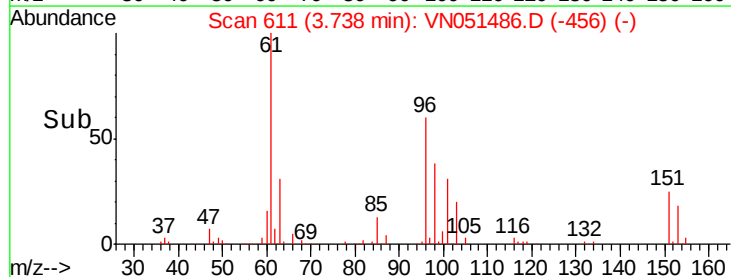
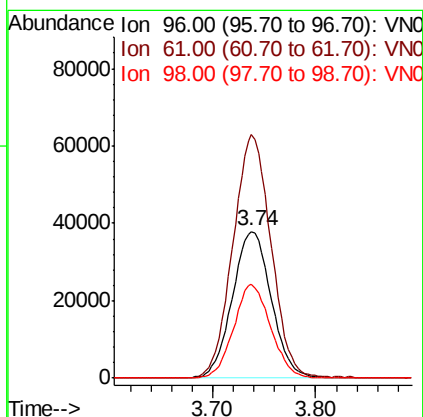
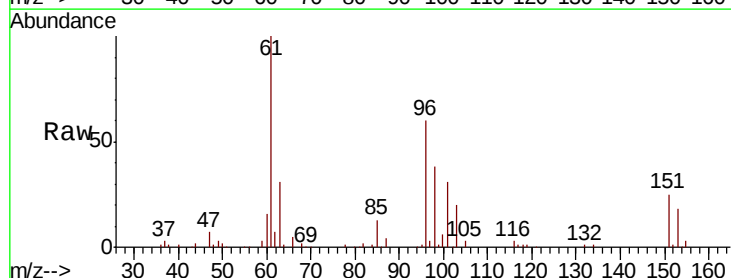
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

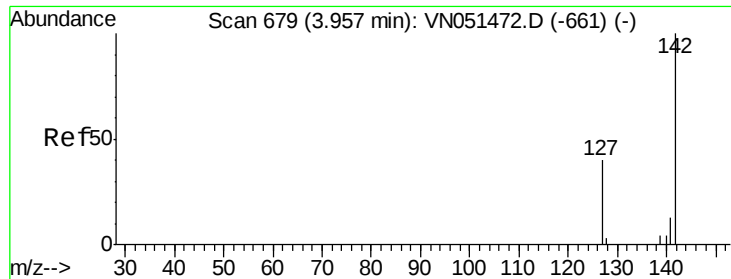
Tot Ion:101 Resp: 106551
 Ion Ratio Lower Upper
 101 100
 85 42.2 0.0 46.0
 151 84.5 0.0 82.2#



#10
 1,1-Dichloroethene
 Concen: 21.043 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

Tgt Ion: 96 Resp: 99689
 Ion Ratio Lower Upper
 96 100
 61 165.7 133.0 199.6
 98 63.6 52.6 78.8

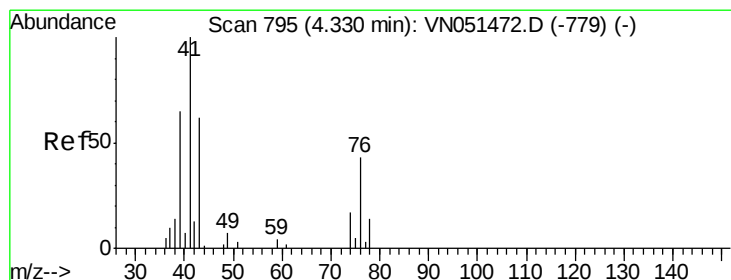
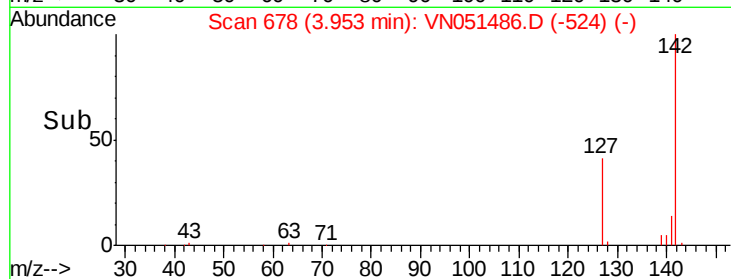
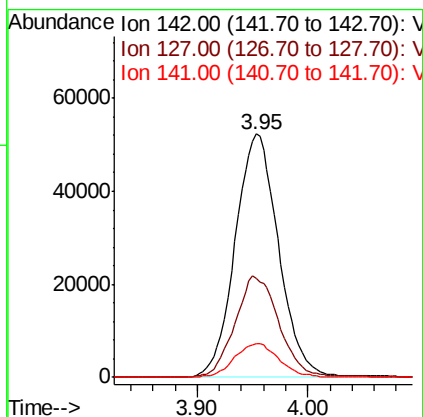
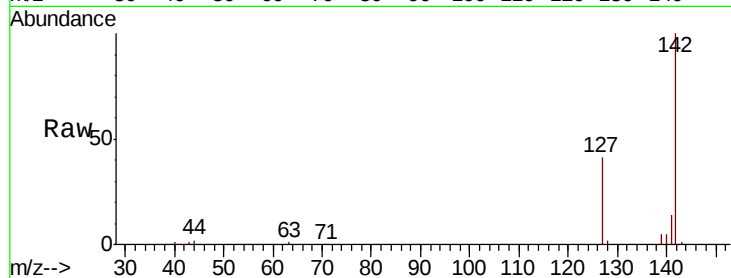




#11
Methvl Iodide
Concen: 20.385 ug/l
RT: 3.95 min Scan# 678
Delta R.T. -0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

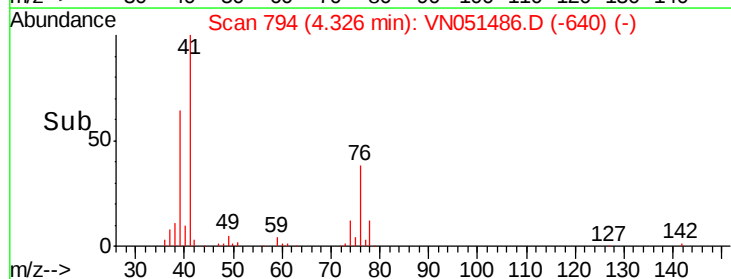
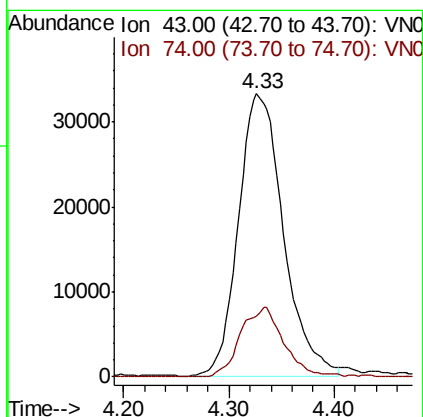
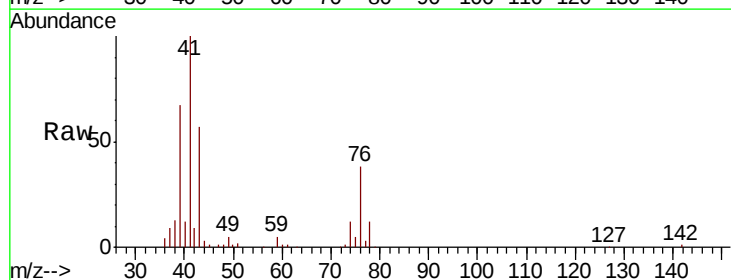
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

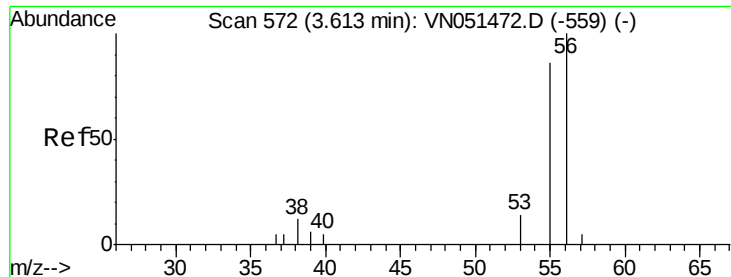
Tot Ion:142 Resp: 142406
Ion Ratio Lower Upper
142 100
127 40.6 19.7 59.0
141 13.9 6.3 18.9



#12
Methyl Acetate
Concen: 23.841 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

Tgt Ion: 43 Resp: 99273
Ion Ratio Lower Upper
43 100
74 21.3 21.8 32.6#





#13

Acrolein

Concen: 119.245 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.01 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

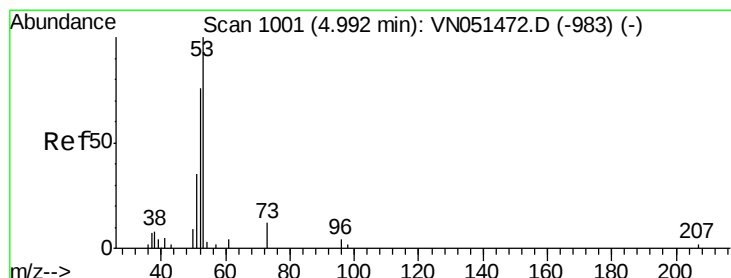
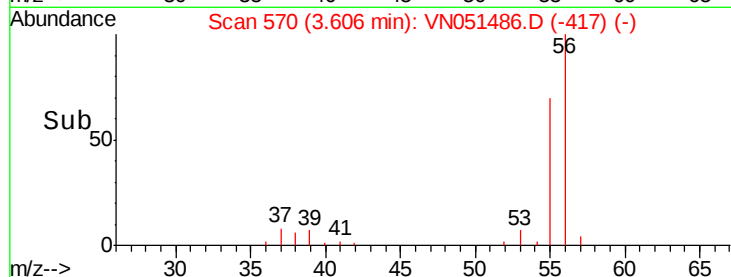
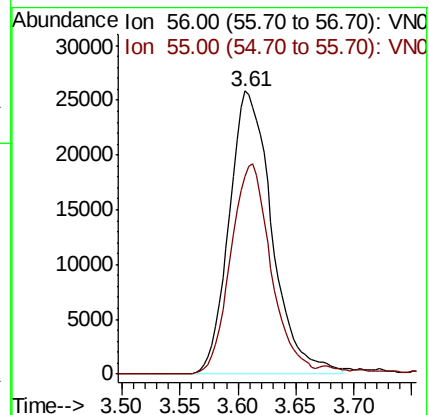
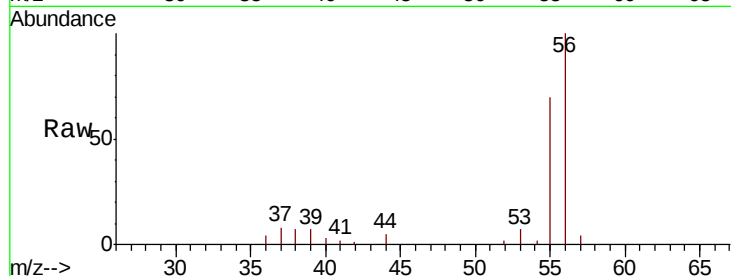
VSTDCCC020EC

Tot Ion: 56 Resp: 66208

Ion Ratio Lower Upper

56 100

55 69.8 64.0 96.0



#14

Acrylonitrile

Concen: 114.981 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

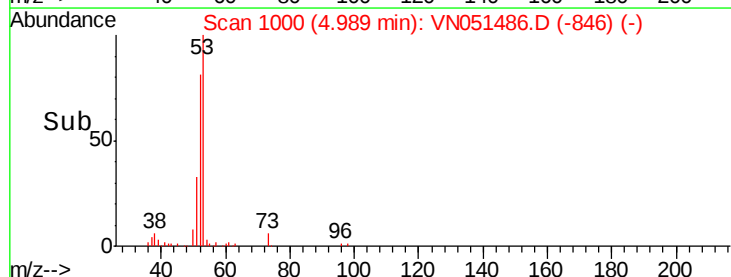
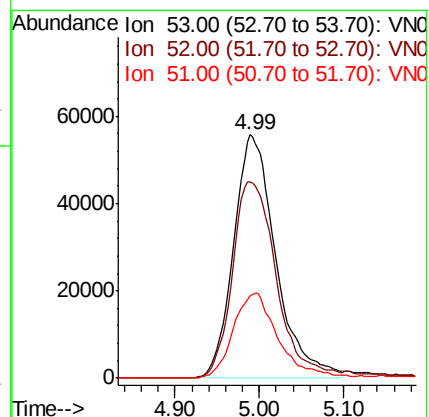
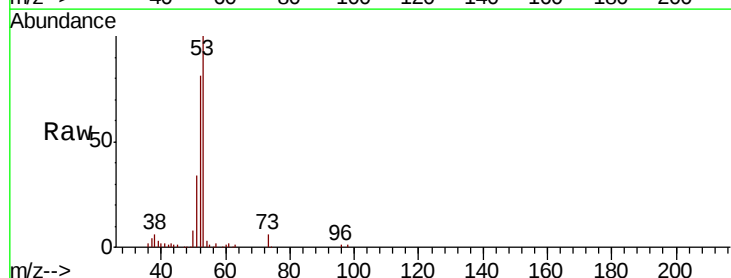
Tgt Ion: 53 Resp: 194481

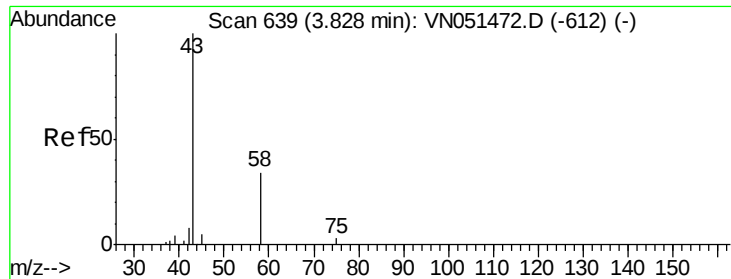
Ion Ratio Lower Upper

53 100

52 83.6 18.3 54.8#

51 37.0 19.7 59.1





#15

Acetone

Concen: 112.300 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.01 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

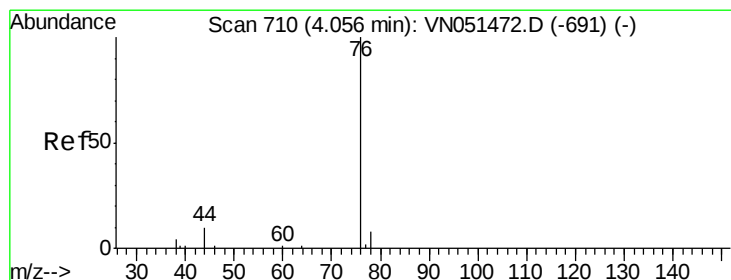
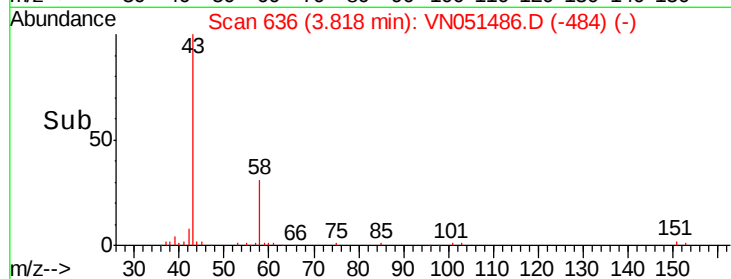
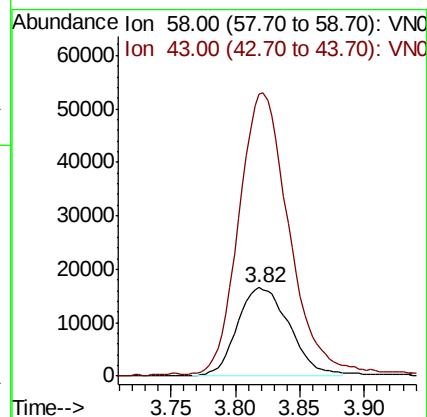
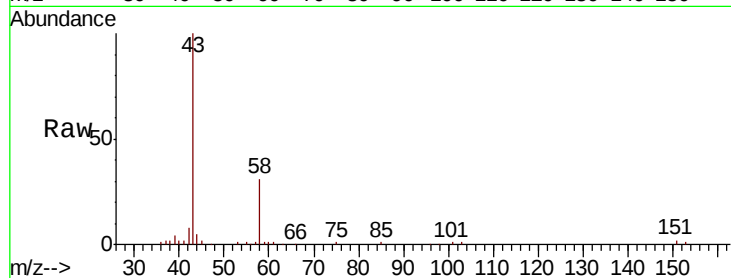
VSTDCCC020EC

Tot Ion: 58 Resp: 46782

Ion Ratio Lower Upper

58 100

43 316.2 232.2 348.2



#16

Carbon Disulfide

Concen: 19.603 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN051486.D

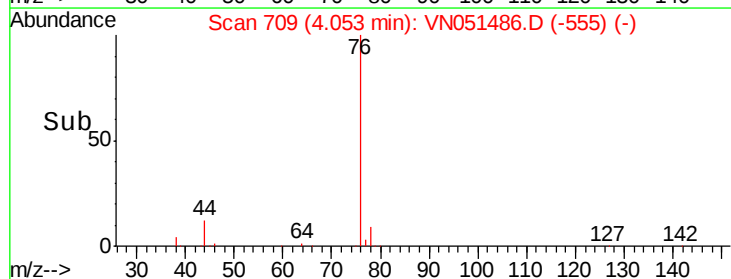
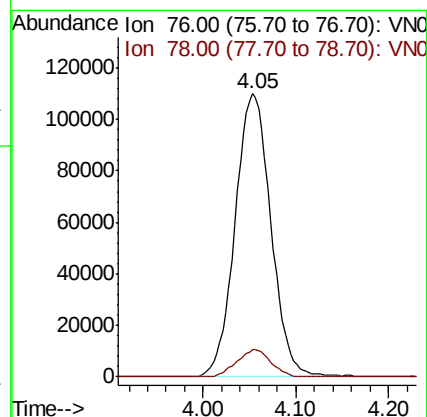
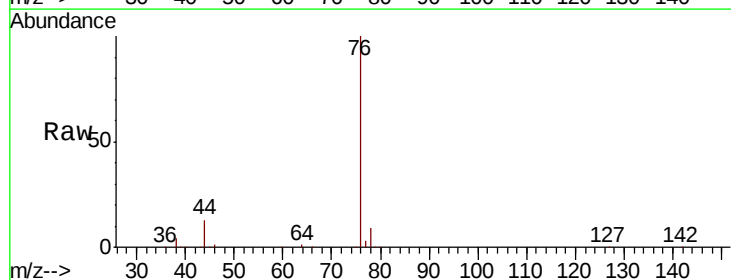
Acq: 25 Sep 2018 15:44

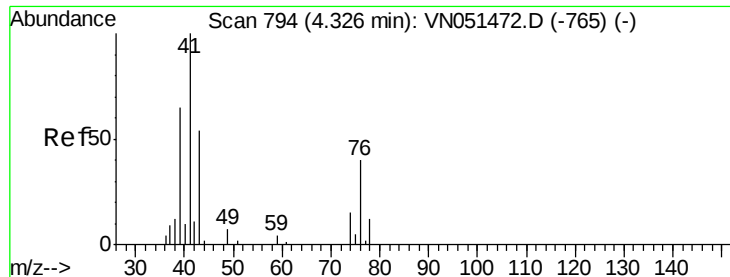
Tgt Ion: 76 Resp: 294561

Ion Ratio Lower Upper

76 100

78 9.5 6.7 10.1





#17

Allvl chloride

Concen: 21.349 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

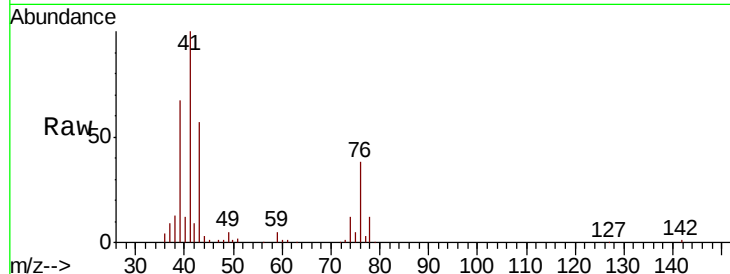
Tot Ion: 41 Resp: 178543

Ion Ratio Lower Upper

41 100

39 66.6 32.6 97.8

76 37.2 20.2 60.5

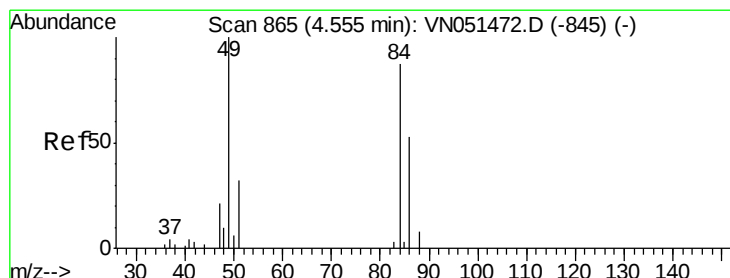
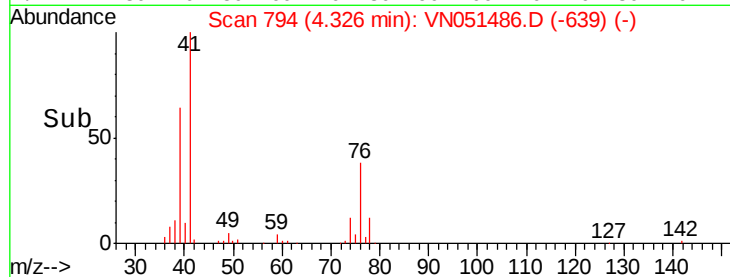
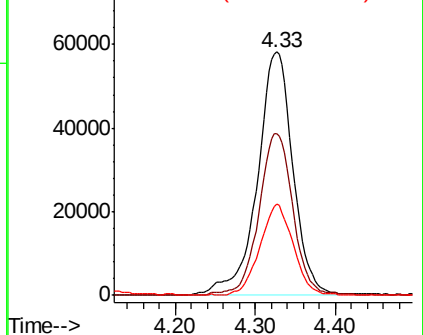


Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 76.00 (75.70 to 76.70): VNO



#18

Methylene Chloride

Concen: 22.504 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

Tgt Ion: 84 Resp: 127323

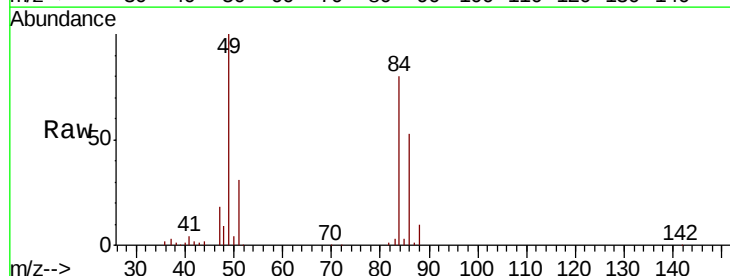
Ion Ratio Lower Upper

84 100

49 125.0 91.6 137.4

51 39.3 29.8 44.6

86 66.6 48.2 72.4



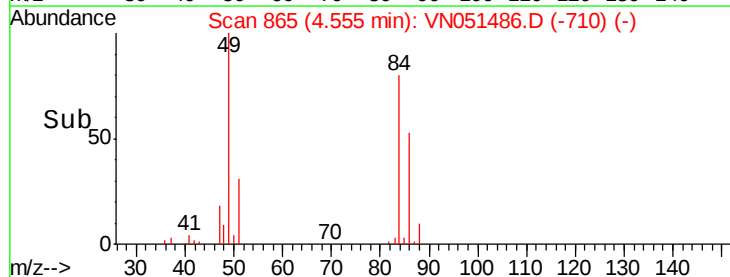
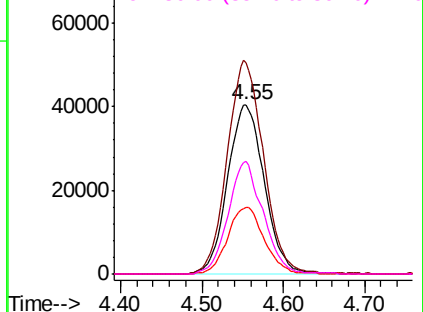
Abundance

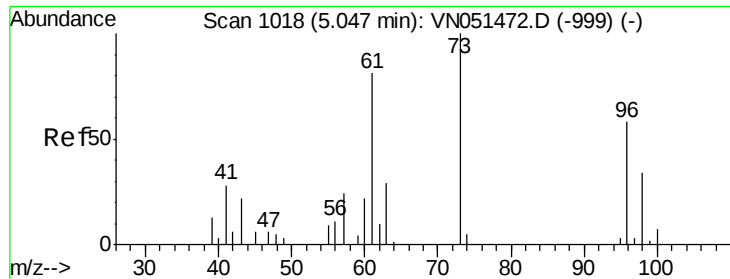
Ion 84.00 (83.70 to 84.70): VNO

Ion 49.00 (48.70 to 49.70): VNO

Ion 51.00 (50.70 to 51.70): VNO

Ion 86.00 (85.70 to 86.70): VNO

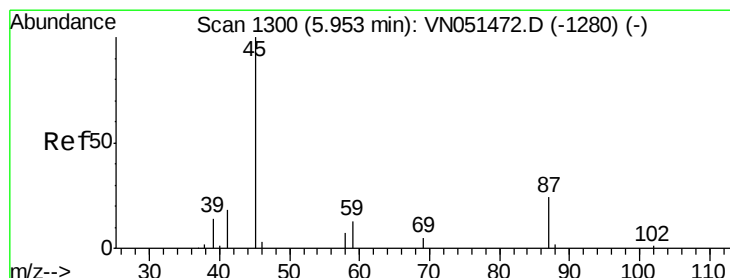
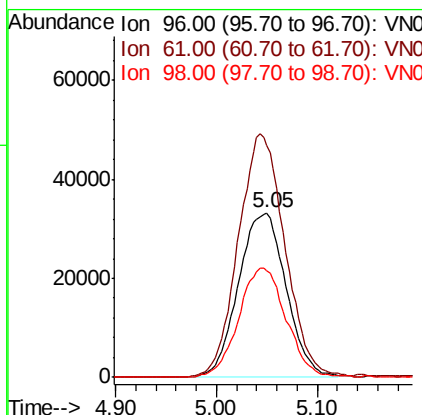
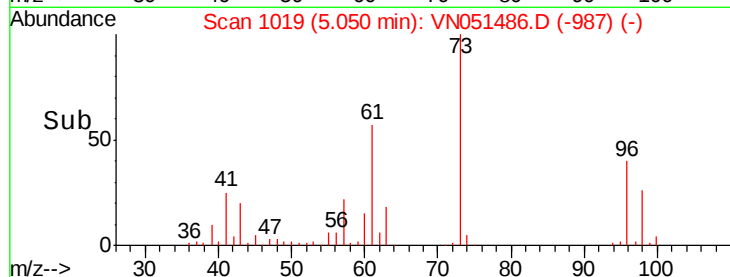
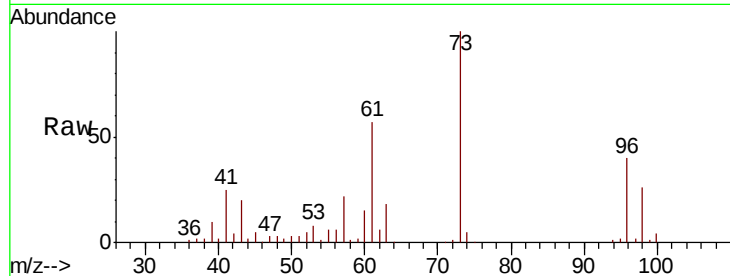




#19
trans-1,2-Dichloroethene
Concen: 21.259 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

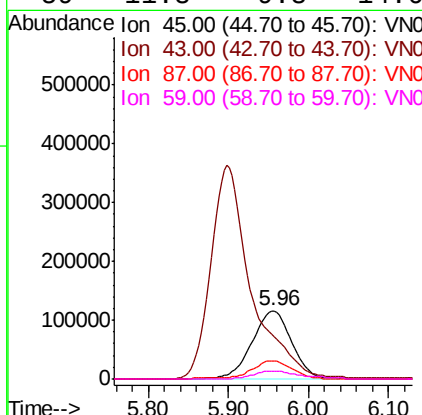
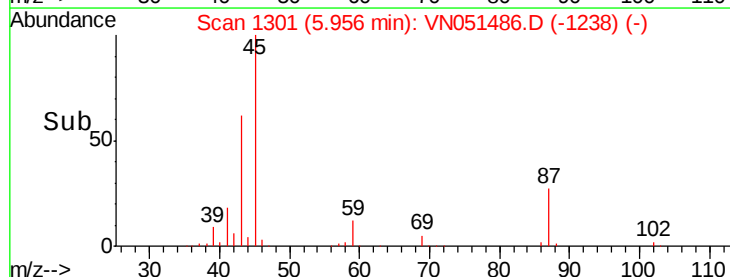
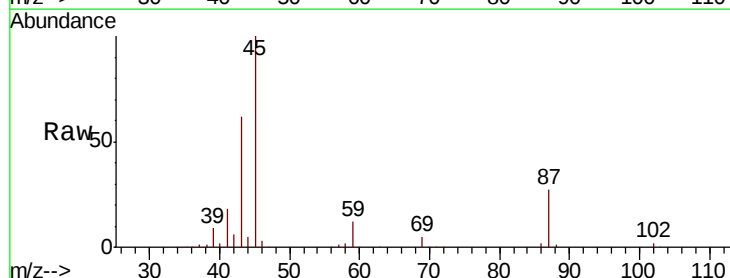
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

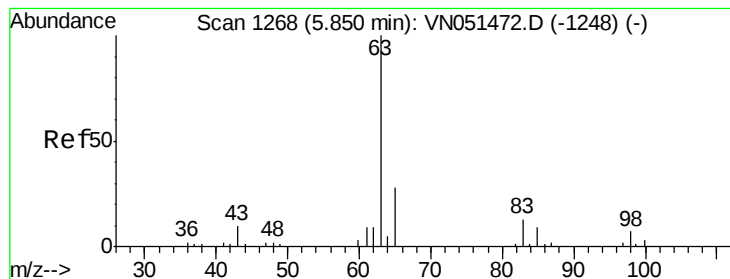
Tot Ion: 96 Resp: 109023
Ion Ratio Lower Upper
96 100
61 141.5 112.3 168.5
98 65.0 47.1 70.7



#20
Diisopropyl ether
Concen: 23.852 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

Tgt Ion: 45 Resp: 396068
Ion Ratio Lower Upper
45 100
43 59.2 62.1 93.1#
87 26.4 19.9 29.9
59 11.8 9.8 14.6





#21

1,1-Dichloroethane

Concen: 22.332 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

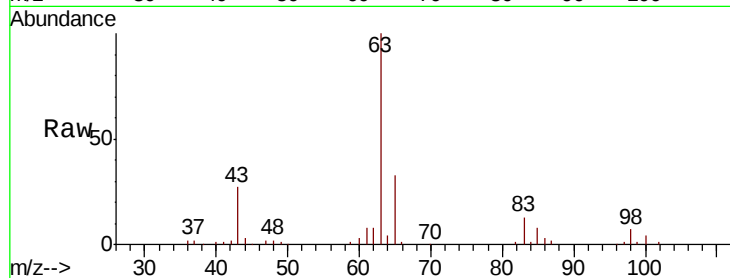
Tot Ion: 63 Resp: 223371

Ion Ratio Lower Upper

63 100

98 7.2 4.1 12.3

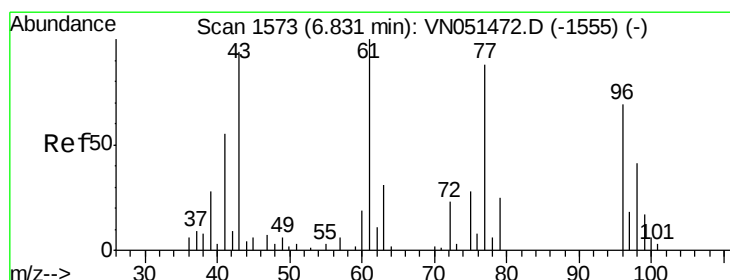
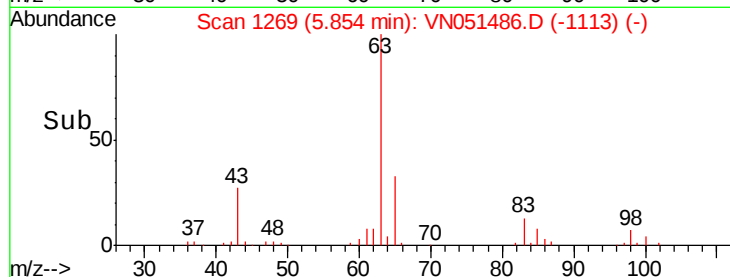
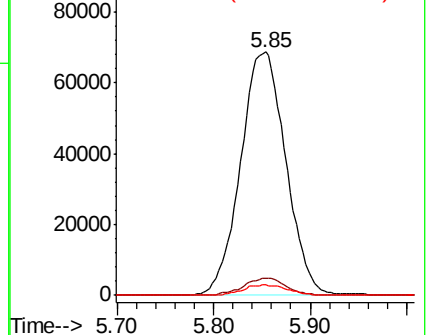
100 4.2 1.6 4.7



Abundance Ion 63.00 (62.70 to 63.70): VN051472.D (-1248) (-)

Ion 98.00 (97.70 to 98.70): VN051472.D (-1248) (-)

Ion 100.00 (99.70 to 100.70): VN051472.D (-1248) (-)



#22

cis-1,2-Dichloroethene

Concen: 22.329 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

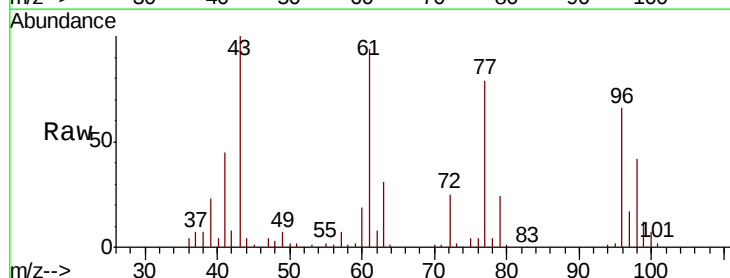
Tgt Ion: 96 Resp: 128137

Ion Ratio Lower Upper

96 100

61 145.5 124.5 186.7

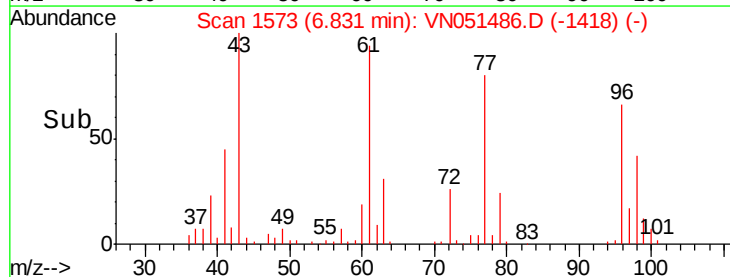
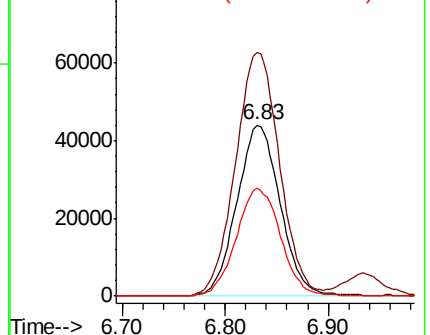
98 64.9 51.9 77.9

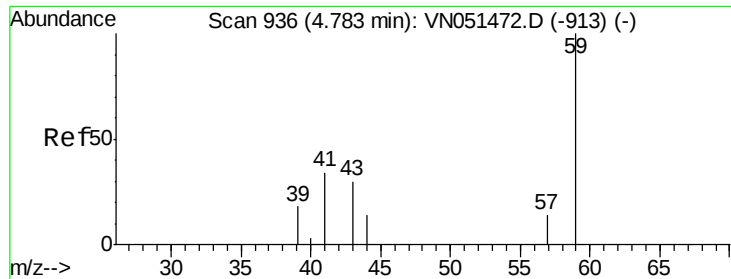


Abundance Ion 96.00 (95.70 to 96.70): VN051472.D (-1555) (-)

Ion 61.00 (60.70 to 61.70): VN051472.D (-1555) (-)

Ion 98.00 (97.70 to 98.70): VN051472.D (-1555) (-)



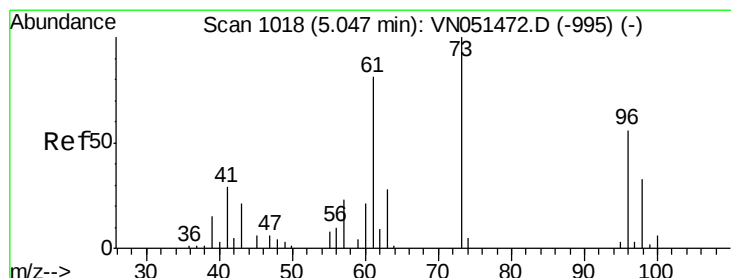
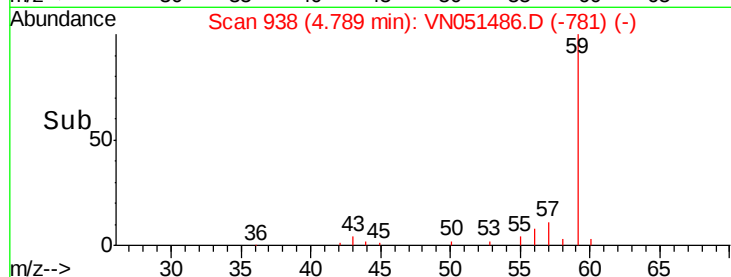
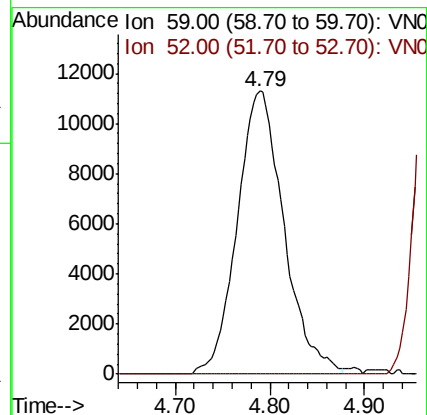
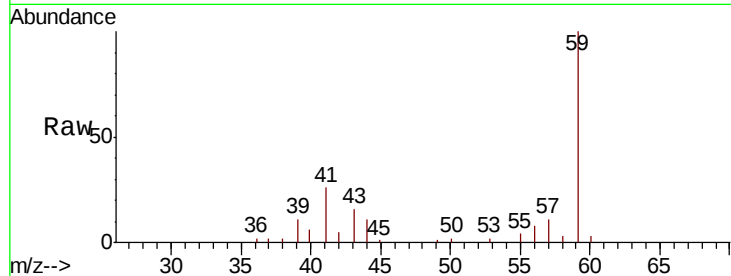


#23

tert-Butyl Alcohol
 Concen: 121.767 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. 0.01 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

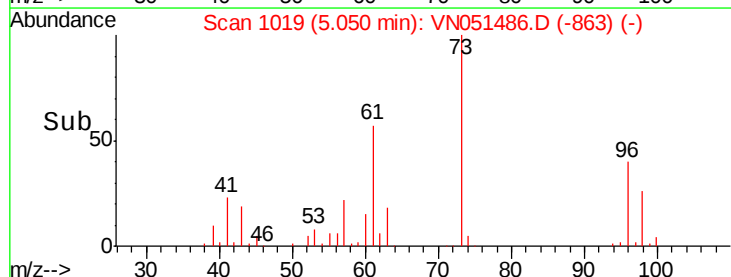
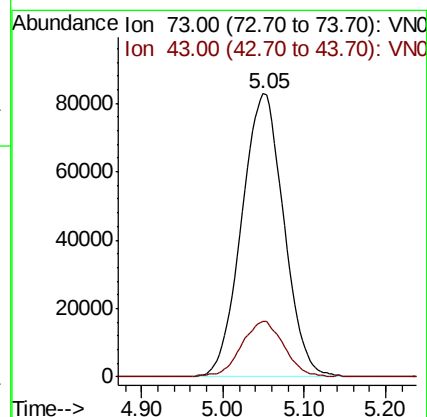
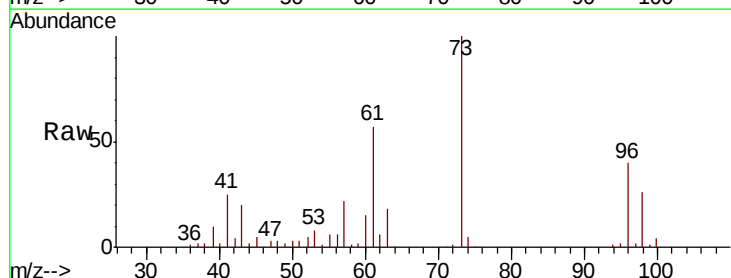
Tot Ion: 59 Resp: 38785
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

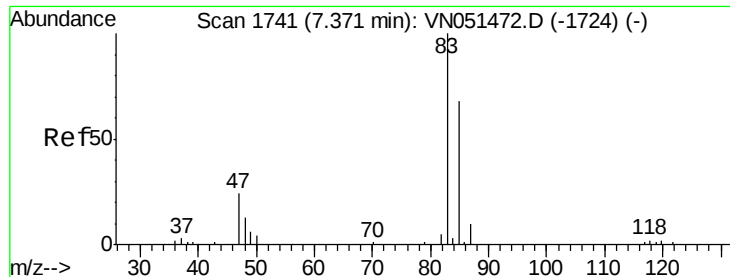


#24

Methyl tert-Butyl Ether
 Concen: 23.012 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

Tgt Ion: 73 Resp: 296917
 Ion Ratio Lower Upper
 73 100
 43 19.9 5.4 8.0#

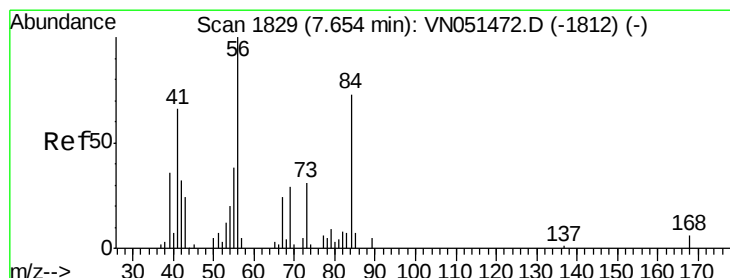
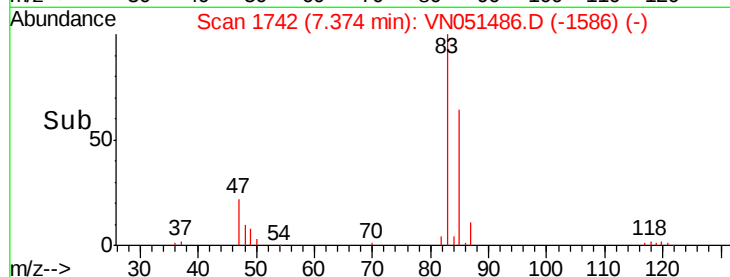
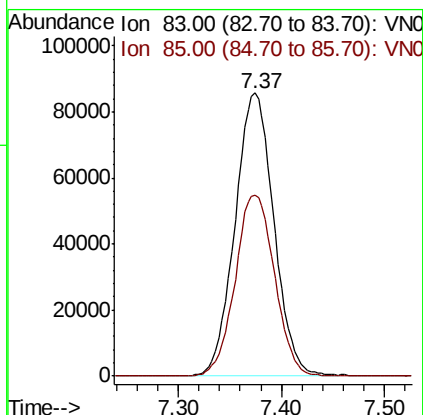
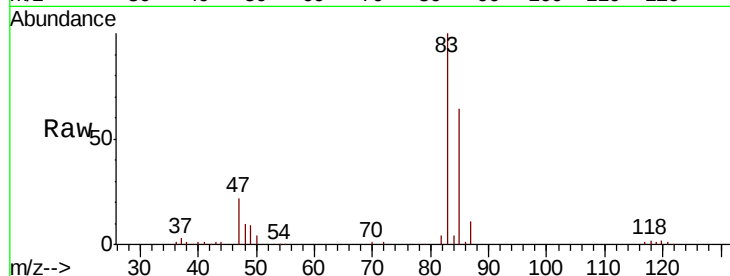




#25
Chloroform
Concen: 22.513 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

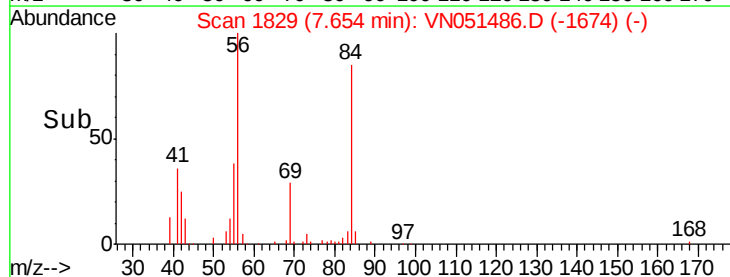
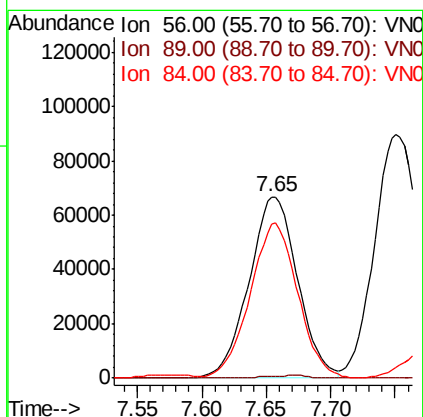
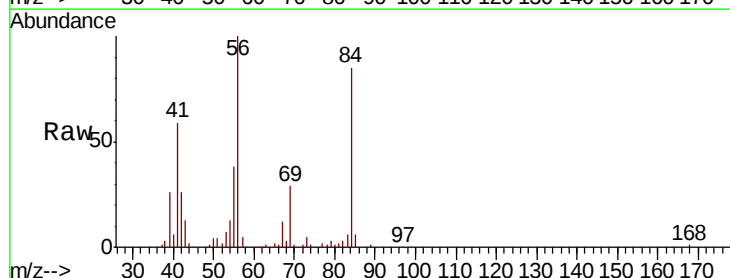
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

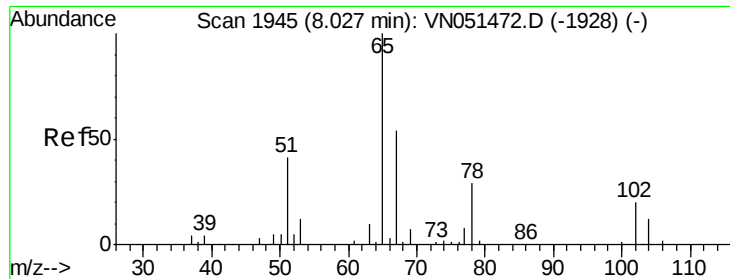
Tot Ion: 83 Resp: 224599
Ion Ratio Lower Upper
83 100
85 64.1 54.6 82.0



#26
Cyclohexane
Concen: 20.589 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

Tgt Ion: 56 Resp: 175327
Ion Ratio Lower Upper
56 100
89 1.4 1.5 2.3#
84 82.8 64.2 96.4





#27

1,2-Dichloroethane-d4

Concen: 30.603 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

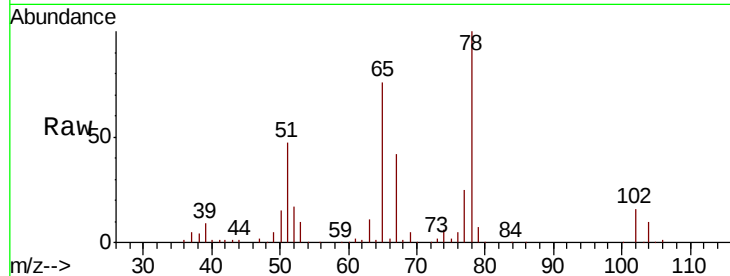
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 65 Resp: 211511

Ion Ratio Lower Upper

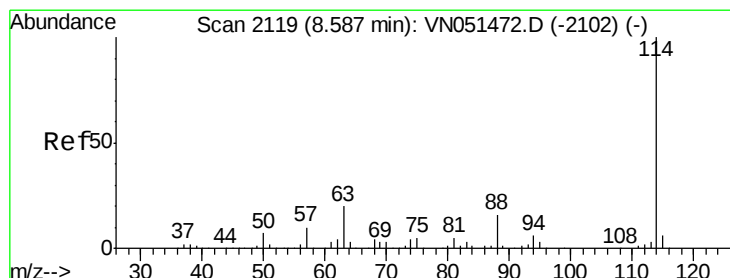
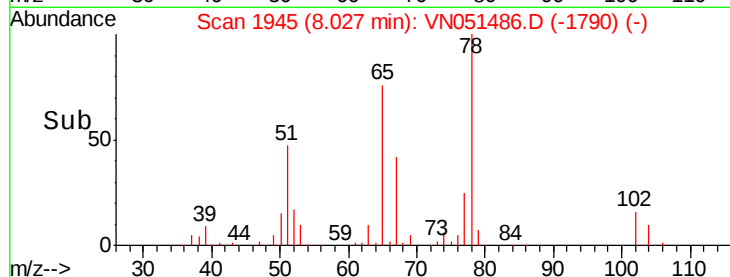
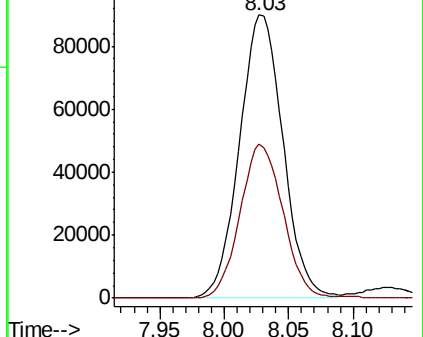
65 100

67 53.7 41.8 62.8



Abundance Ion 65.00 (64.70 to 65.70): VN051486.D (-1790) (-)

Ion 67.00 (66.70 to 67.70): VN051486.D (-1790) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

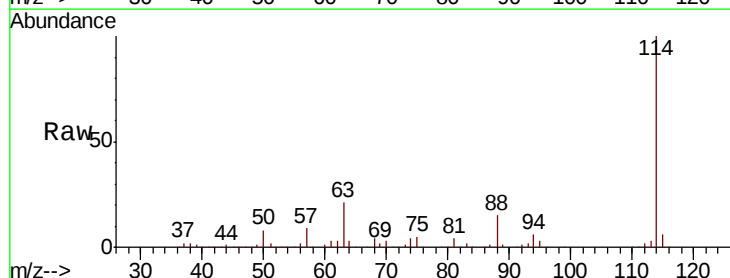
Tgt Ion: 114 Resp: 521105

Ion Ratio Lower Upper

114 100

63 20.6 16.2 24.2

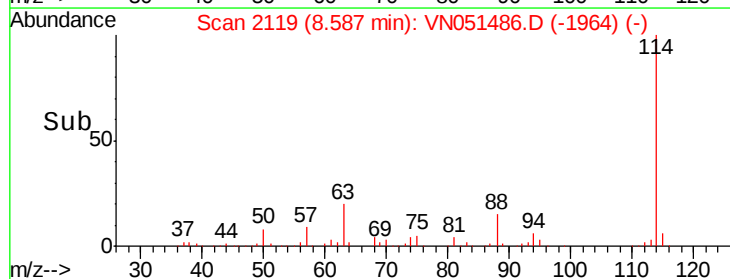
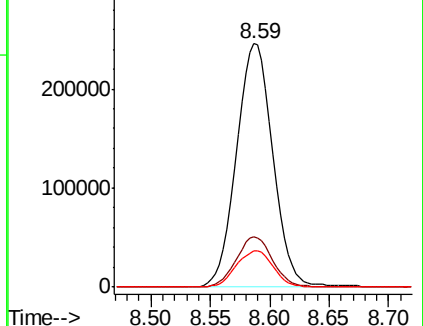
88 15.3 12.2 18.4

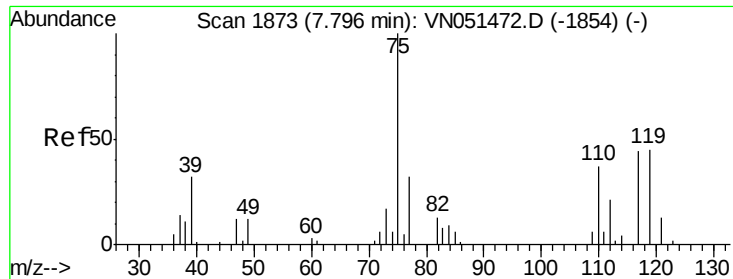


Abundance Ion 114.00 (113.70 to 114.70): VN051486.D (-1964) (-)

Ion 63.00 (62.70 to 63.70): VN051486.D (-1964) (-)

Ion 88.00 (87.70 to 88.70): VN051486.D (-1964) (-)

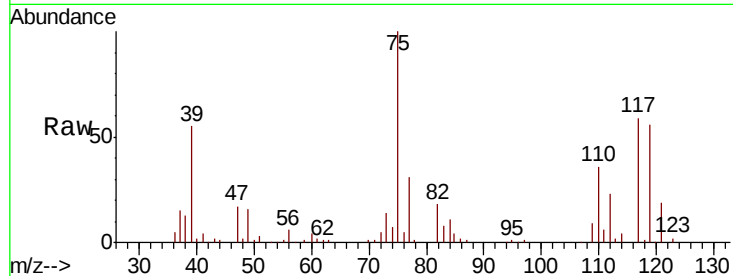




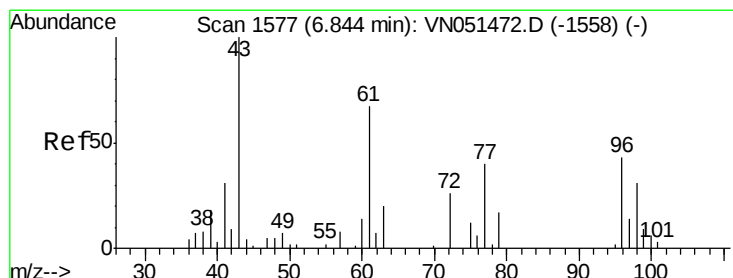
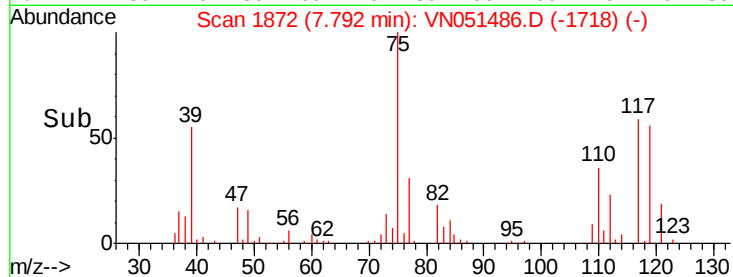
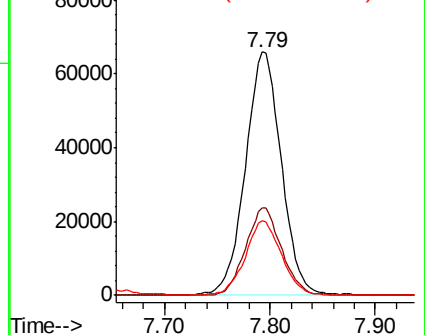
#29
 1,1-Dichloropropene
 Concen: 21.308 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 75 Resp: 156340
 Ion Ratio Lower Upper
 75 100
 110 35.7 0.0 70.8
 77 31.1 0.0 61.6

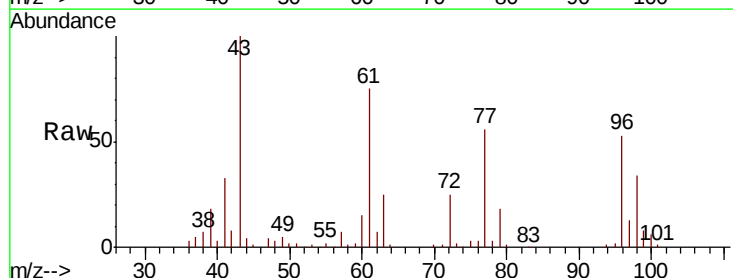


Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 110.00 (109.70 to 110.70): VN
 Ion 77.00 (76.70 to 77.70): VN

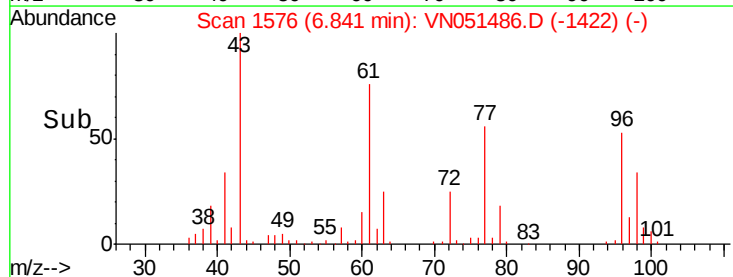
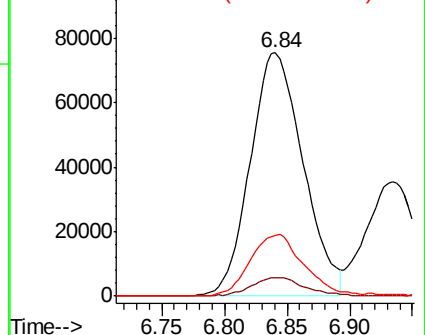


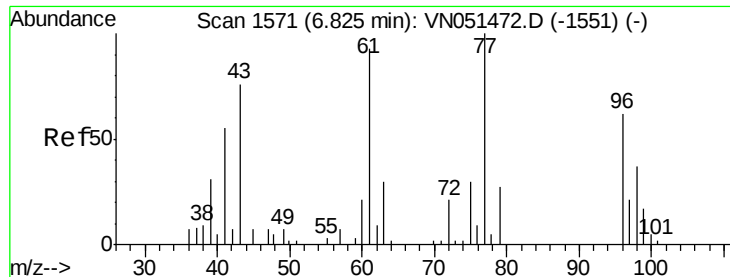
#30
 2-Butanone
 Concen: 116.169 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

Tgt Ion: 43 Resp: 220171
 Ion Ratio Lower Upper
 43 100
 57 3.7 4.5 6.7#
 72 25.8 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0
 Ion 72.00 (71.70 to 72.70): VN0

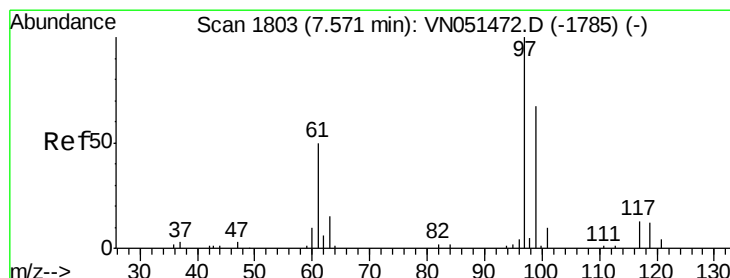
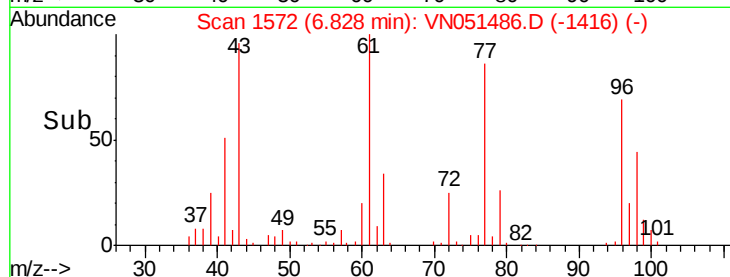
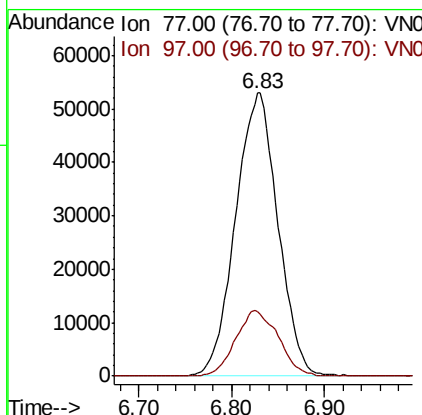
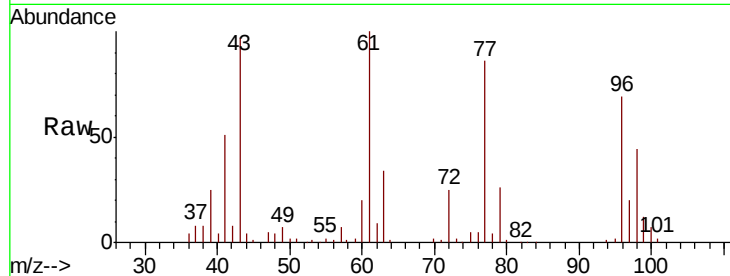




#31
 2,2-Dichloropropane
 Concen: 21.433 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

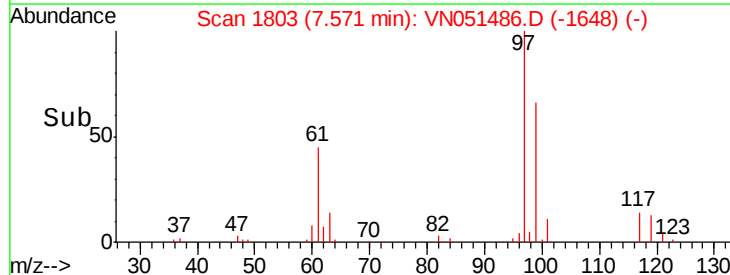
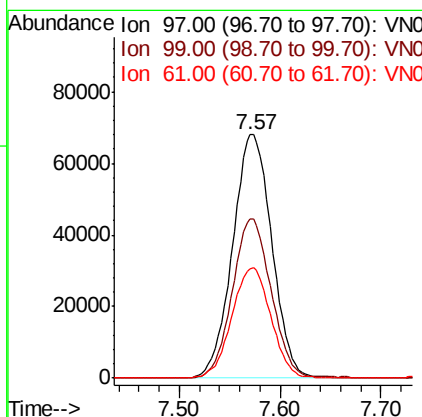
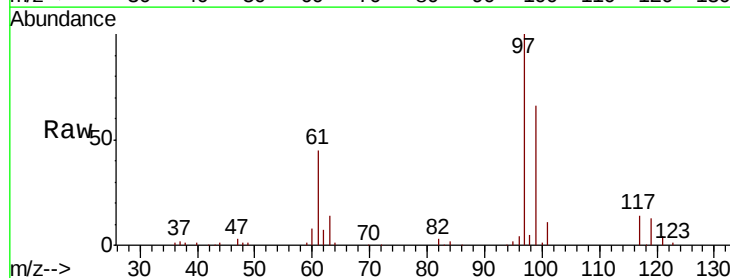
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

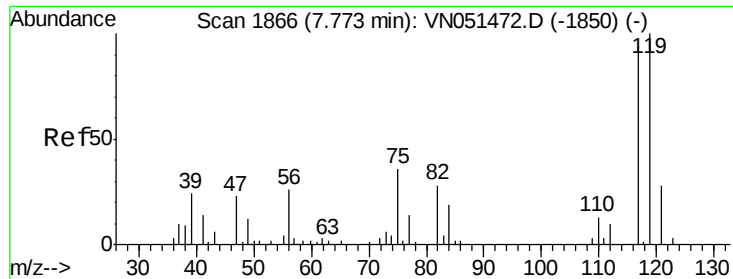
Tot Ion: 77 Resp: 167745
 Ion Ratio Lower Upper
 77 100
 97 23.4 12.0 18.0#



#32
 1,1,1-Trichloroethane
 Concen: 21.950 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

Tgt Ion: 97 Resp: 183860
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.6 77.4
 61 45.1 37.4 56.0

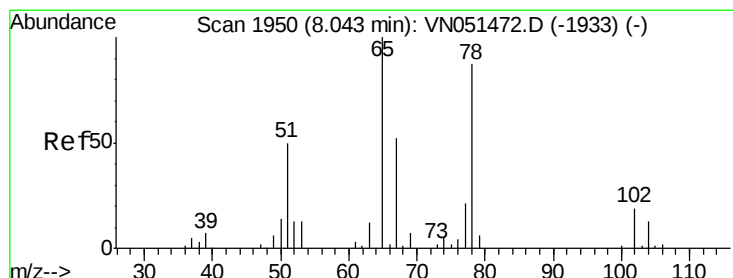
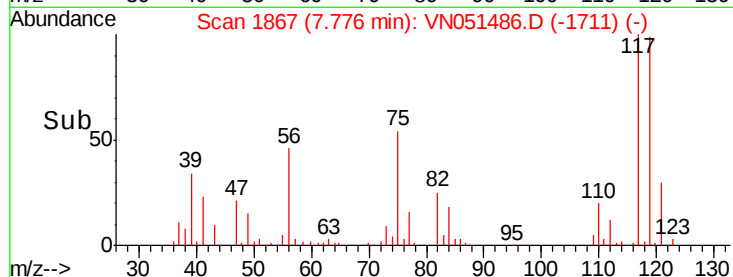
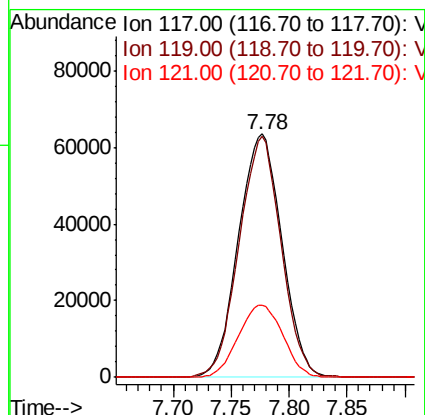
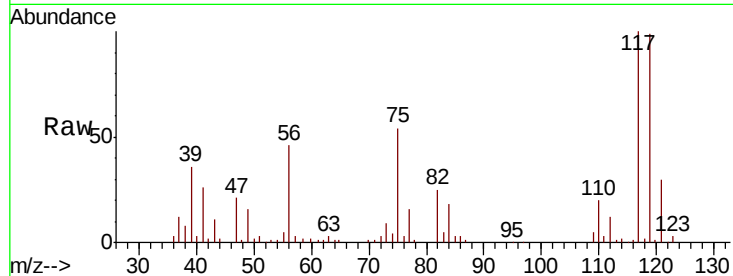




#33
Carbon Tetrachloride
Concen: 21.561 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

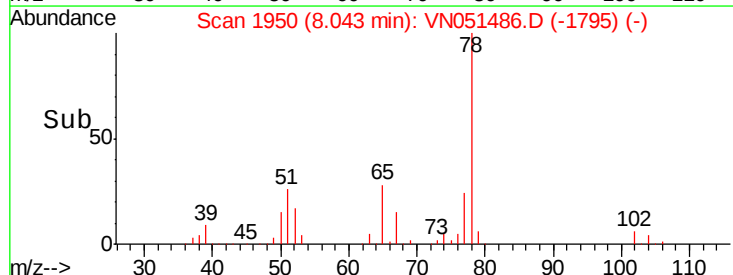
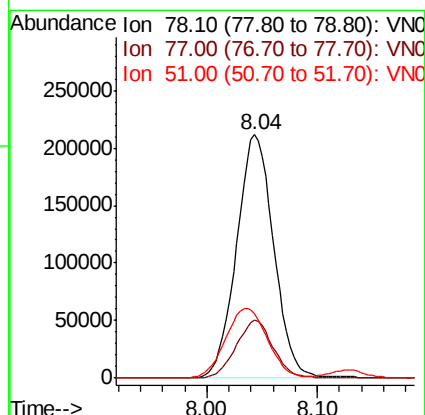
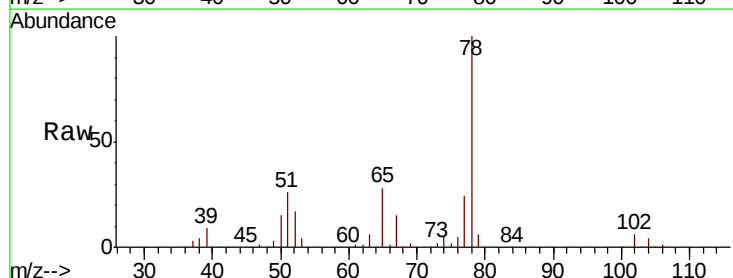
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

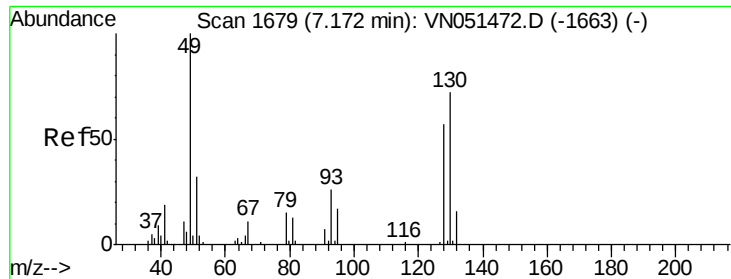
Tot Ion:117 Resp: 165712
Ion Ratio Lower Upper
117 100
119 98.9 85.1 127.7
121 29.9 24.2 36.2



#34
Benzene
Concen: 22.671 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

Tgt Ion: 78 Resp: 493863
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2
51 26.1 46.2 69.4#

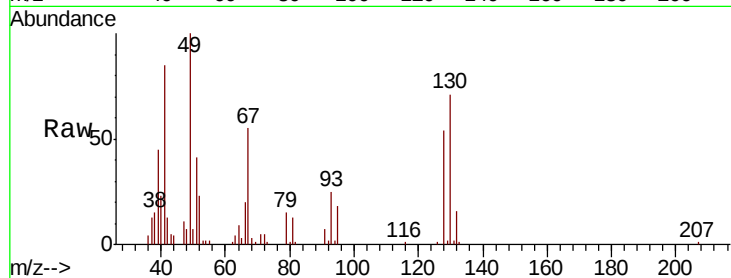




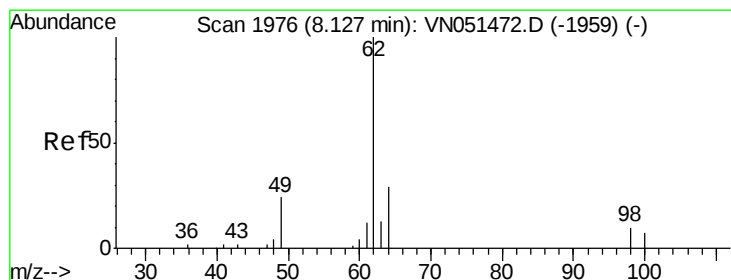
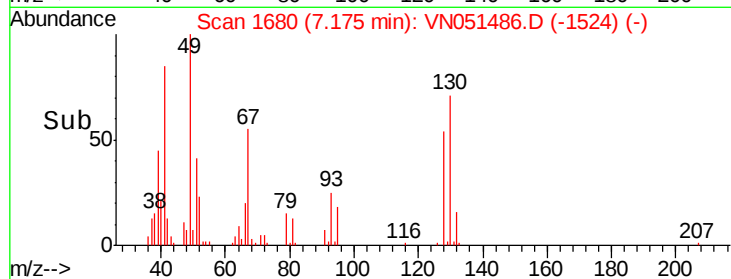
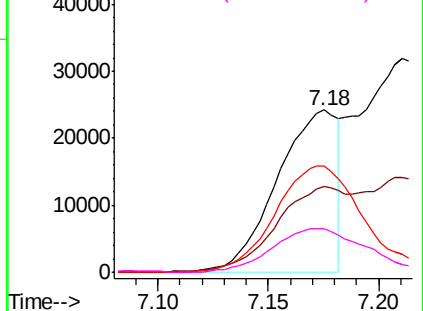
#35
Methacrylonitrile
Concen: 16.874 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	46087
Ion	Ratio	Lower	Upper
41	100		
39	51.6	22.6	67.7
67	65.1	28.9	86.8
52	26.6	11.3	33.9

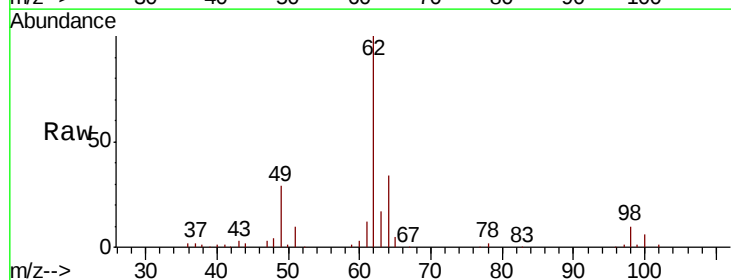


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

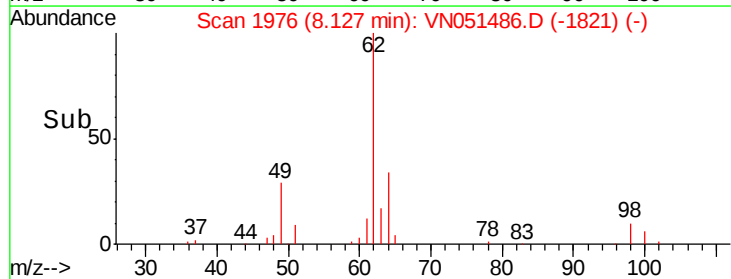
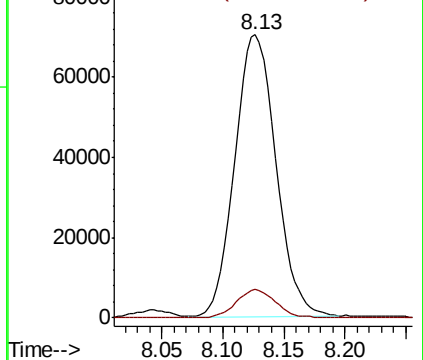


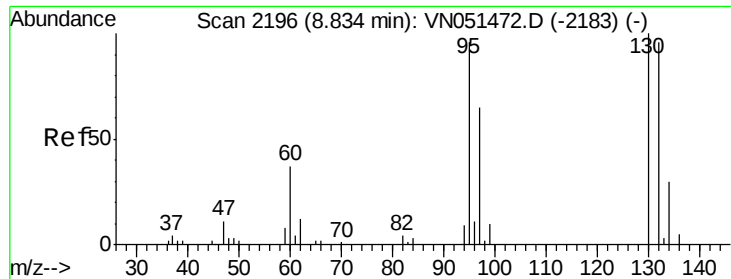
#36
1,2-Dichloroethane
Concen: 23.231 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

Tgt Ion:	62	Resp:	164782
Ion	Ratio	Lower	Upper
62	100		
98	9.7	6.9	10.3



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

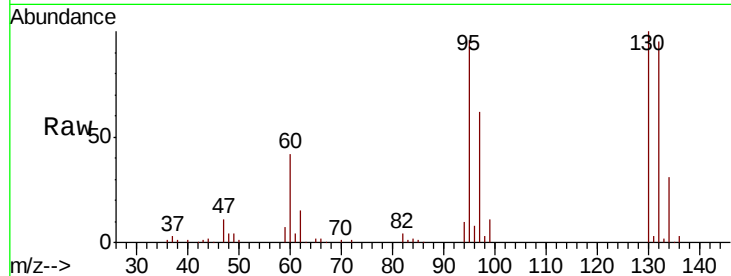




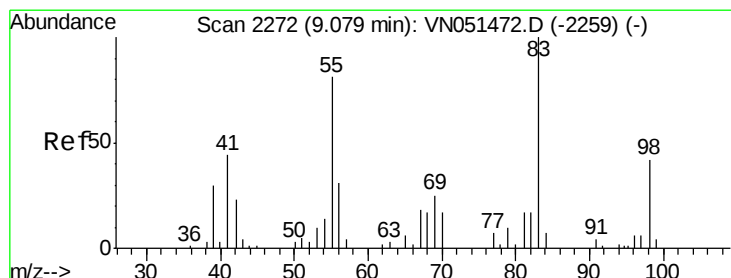
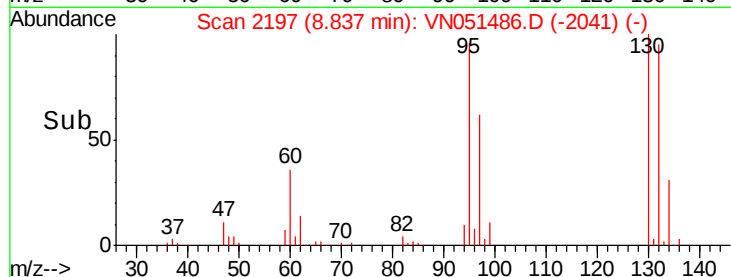
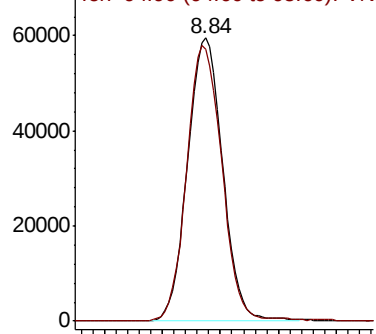
#37
 Trichloroethene
 Concen: 21.595 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 124680
 Ion Ratio Lower Upper
 130 100
 95 96.1 76.4 114.6

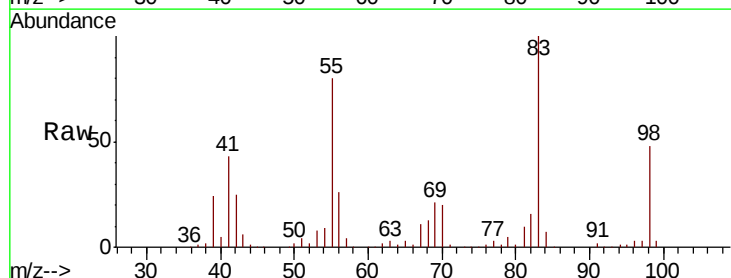


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

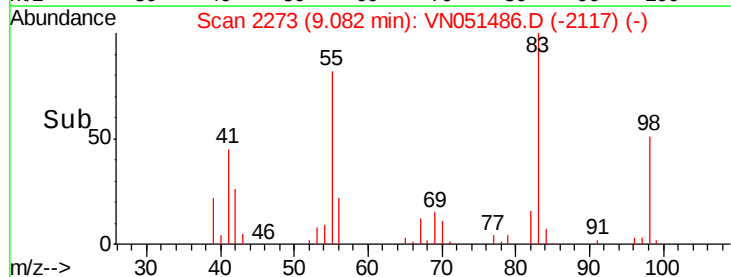
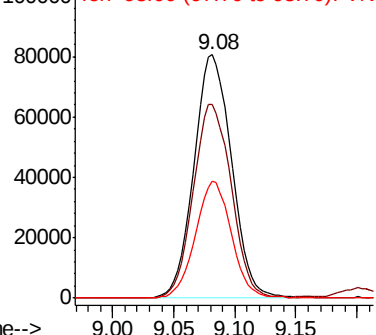


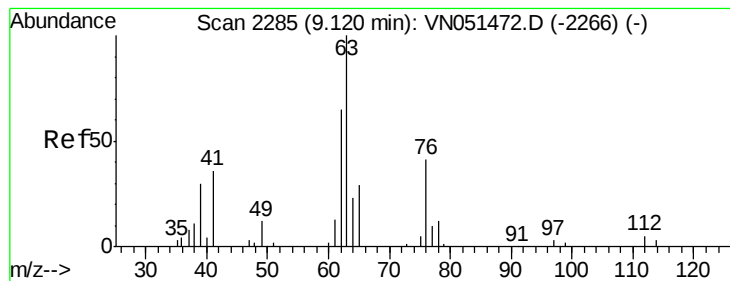
#38
 Methylcyclohexane
 Concen: 20.328 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

Tgt Ion: 83 Resp: 172902
 Ion Ratio Lower Upper
 83 100
 55 80.3 43.0 129.2
 98 45.6 21.3 63.7



Abundance Ion 83.00 (82.70 to 83.70): VN
 Ion 55.00 (54.70 to 55.70): VN
 Ion 98.00 (97.70 to 98.70): VN





#39

1,2-Dichloropropane

Concen: 23.460 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

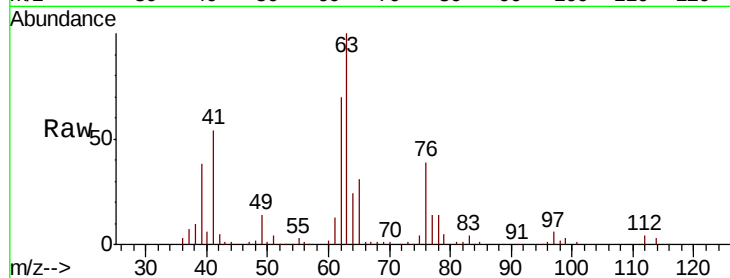
VSTDCCC020EC

Tot Ion: 63 Resp: 139025

Ion Ratio Lower Upper

63 100

65 31.2 23.2 34.8



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0

9.12

60000

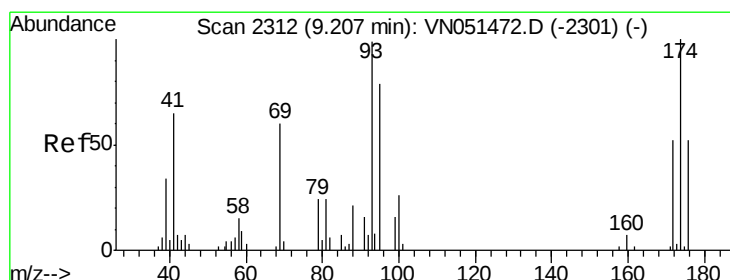
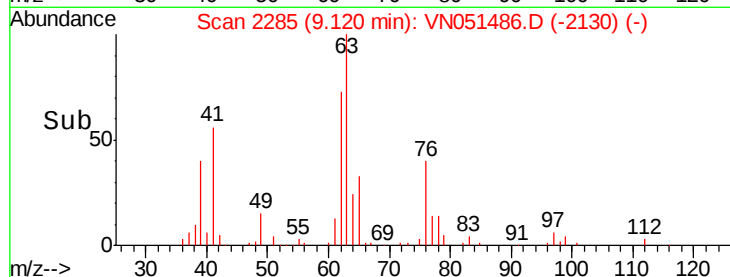
40000

20000

0

Time-->

9.00 9.05 9.10 9.15 9.20



#40

Dibromomethane

Concen: 23.382 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

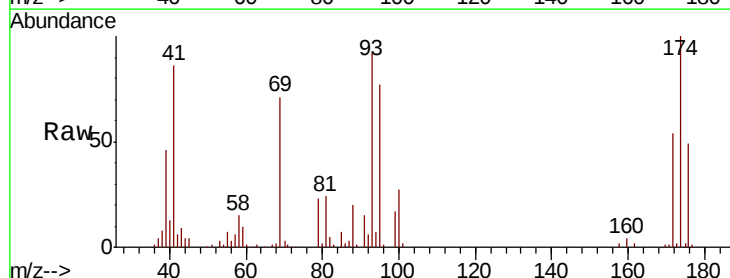
Tgt Ion: 93 Resp: 78865

Ion Ratio Lower Upper

93 100

95 84.9 0.0 162.0

174 109.7 0.0 214.0



Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V

50000

40000

30000

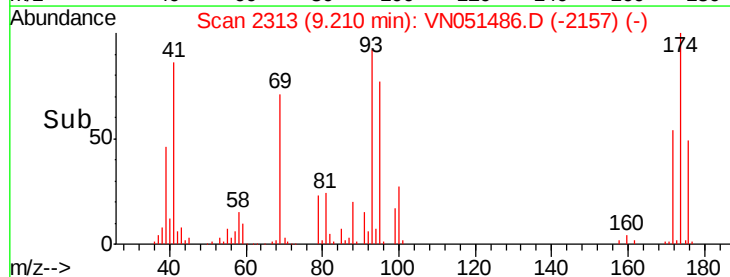
20000

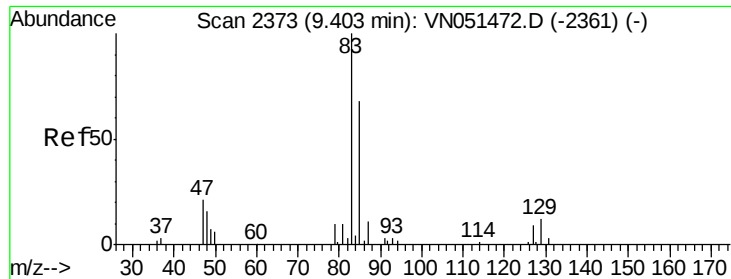
10000

0

Time-->

9.15 9.20 9.25 9.30

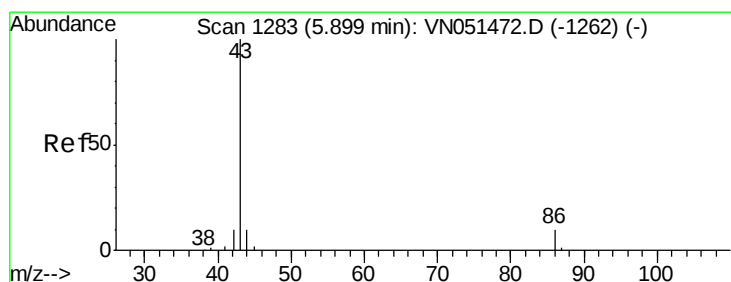
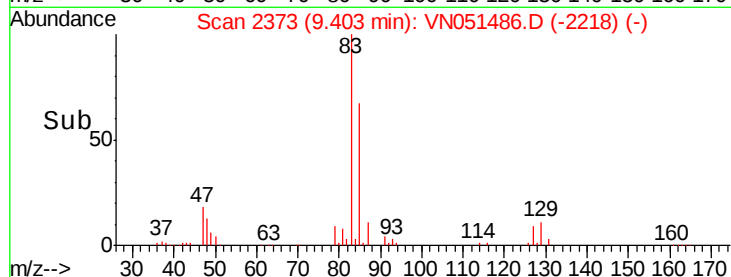
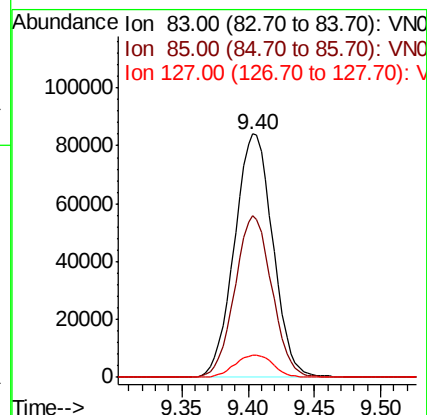
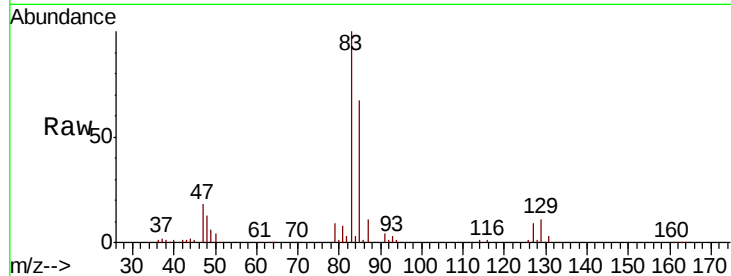




#41
 Bromodichloromethane
 Concen: 22.810 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

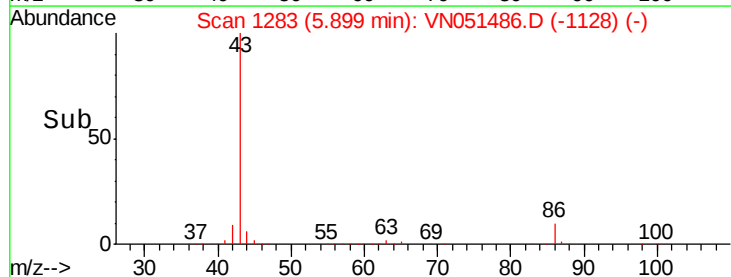
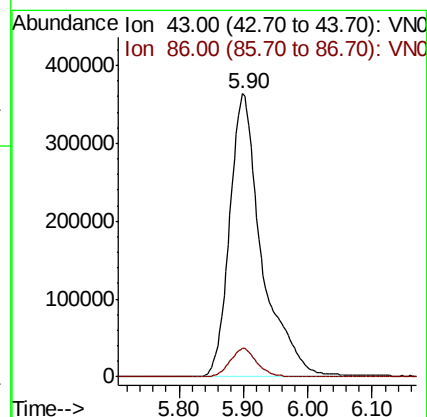
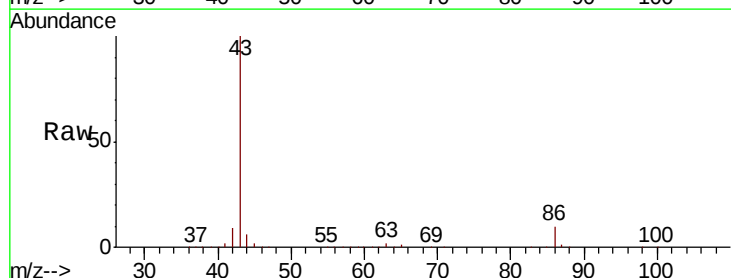
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

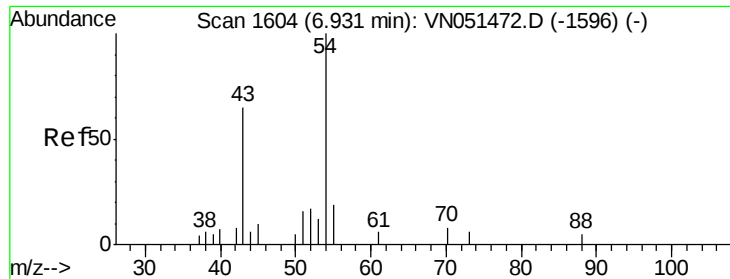
Tot Ion: 83 Resp: 169146
 Ion Ratio Lower Upper
 83 100
 85 66.6 55.7 83.5
 127 9.0 8.2 12.4



#42
 Vinyl Acetate
 Concen: 119.879 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

Tgt Ion: 43 Resp: 1263378
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.5 9.7

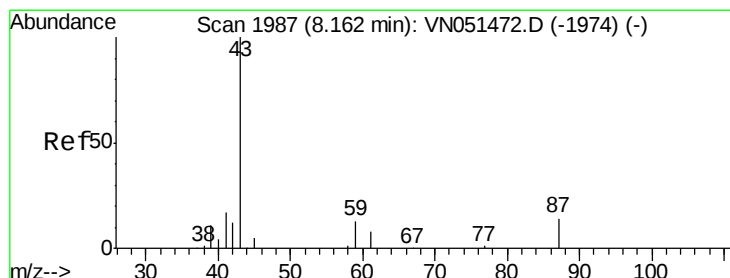
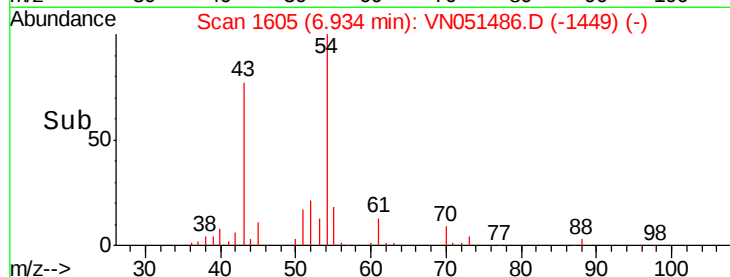
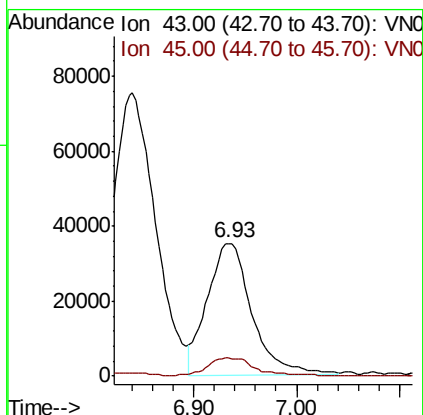
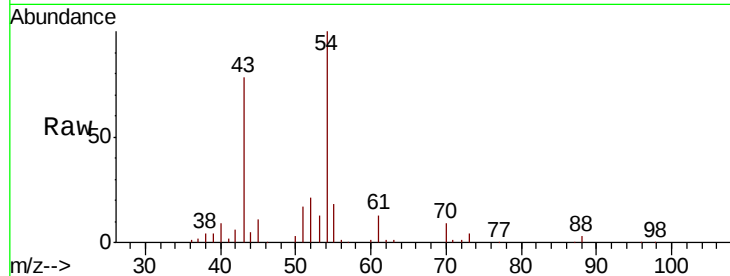




#43
Ethyl Acetate
Concen: 26.839 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

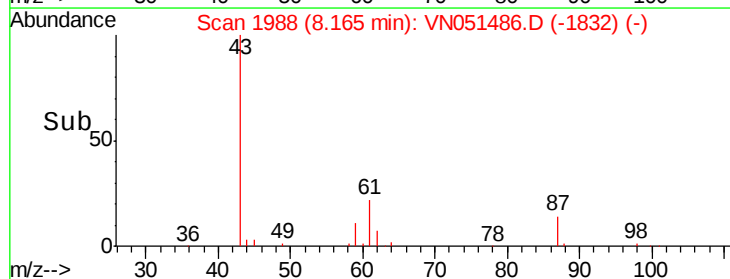
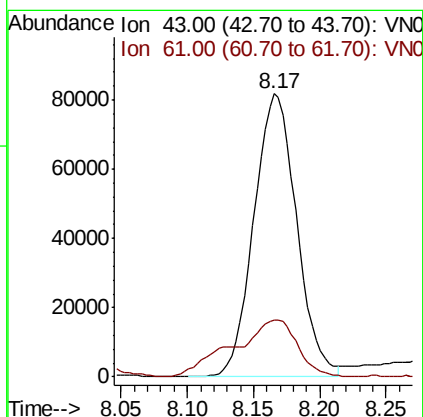
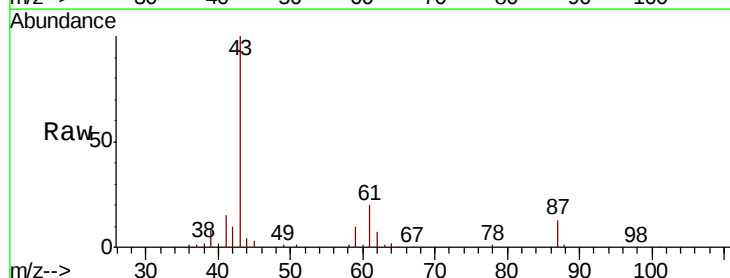
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

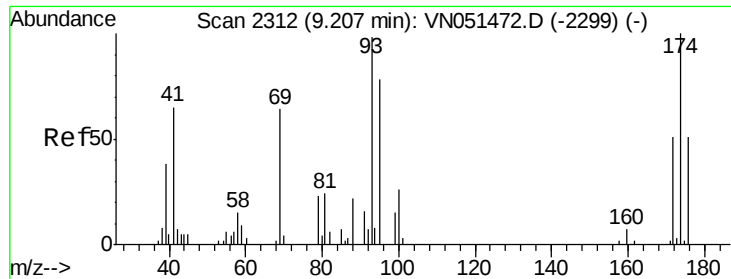
Tot Ion: 43 Resp: 105840
Ion Ratio Lower Upper
43 100
45 7.9 11.0 16.6#



#44
Isopropyl Acetate
Concen: 24.246 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

Tgt Ion: 43 Resp: 183889
Ion Ratio Lower Upper
43 100
61 20.4 15.9 23.9

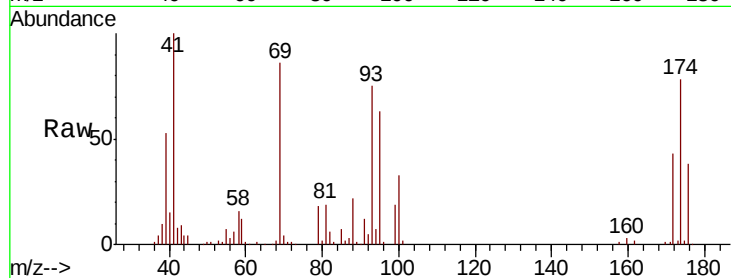




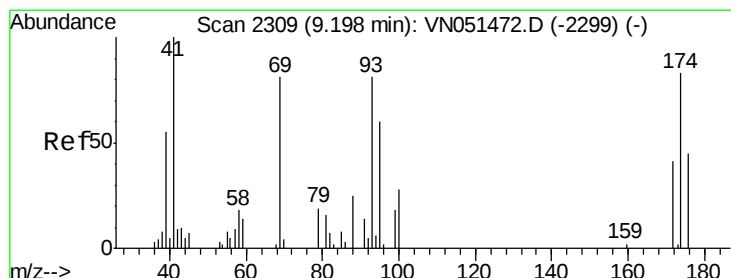
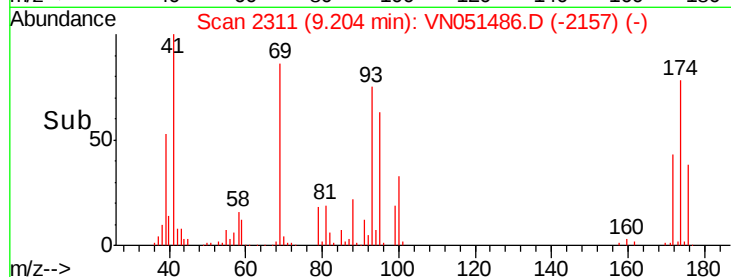
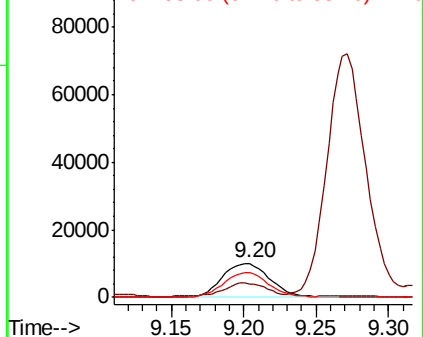
#45
 1,4-Dioxane
 Concen: 497.037 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 88 Resp: 22934
 Ion Ratio Lower Upper
 88 100
 43 32.9 26.2 39.2
 58 69.1 65.6 98.4

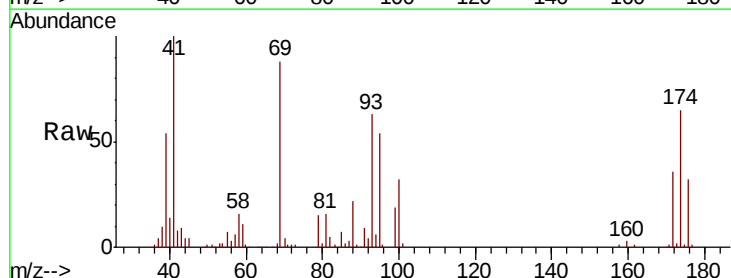


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

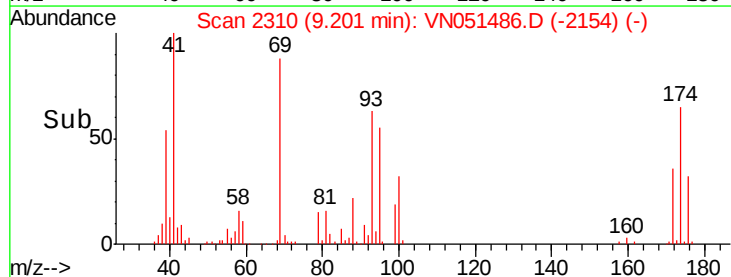
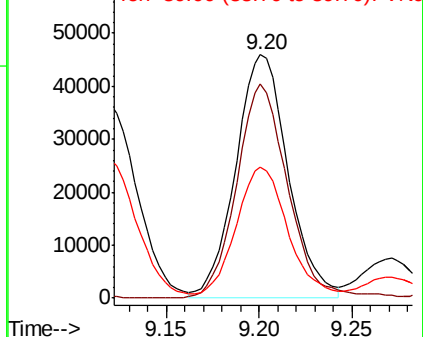


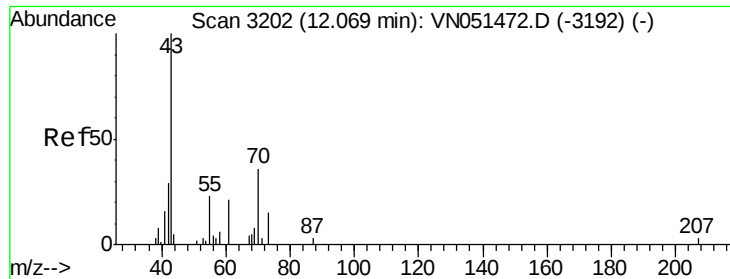
#46
 Methyl methacrylate
 Concen: 23.946 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

Tgt Ion: 41 Resp: 89937
 Ion Ratio Lower Upper
 41 100
 69 89.3 40.7 122.1
 39 53.3 27.3 81.9



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

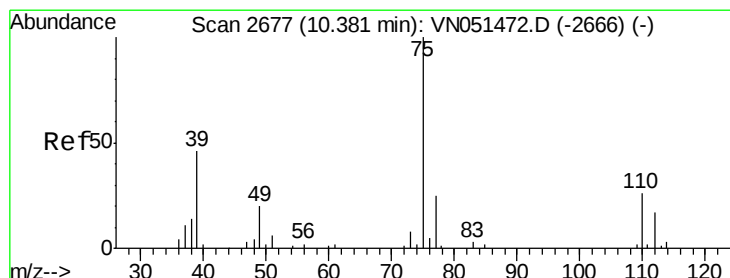
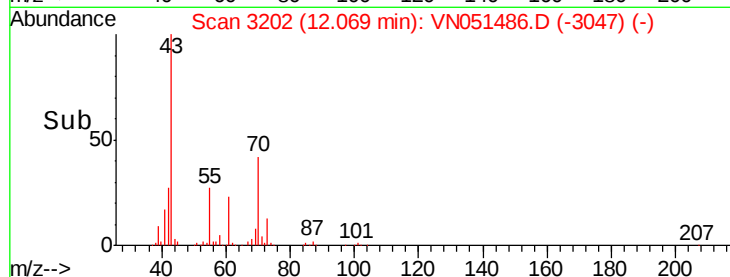
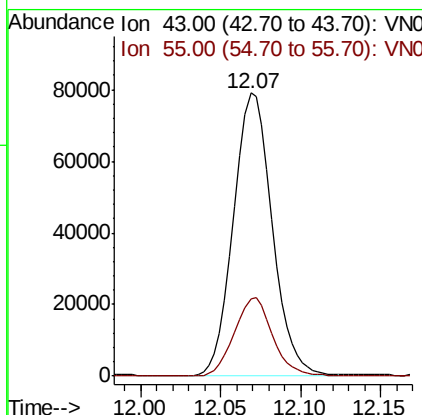
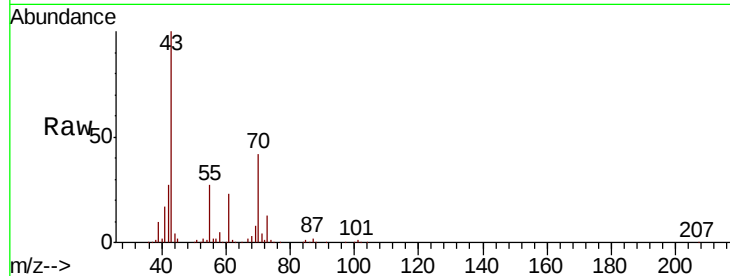




#47
n-amyl Acetate
Concen: 21.500 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

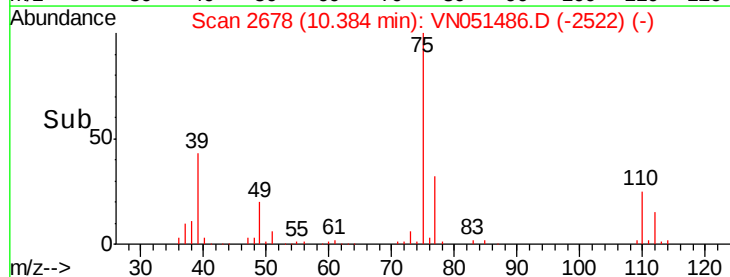
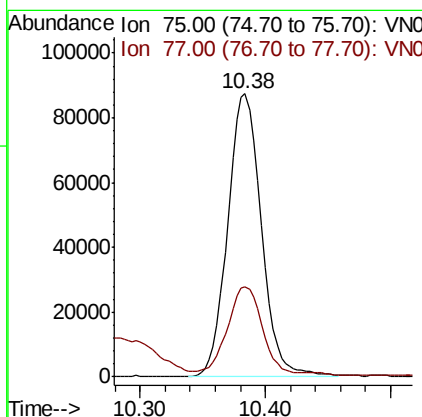
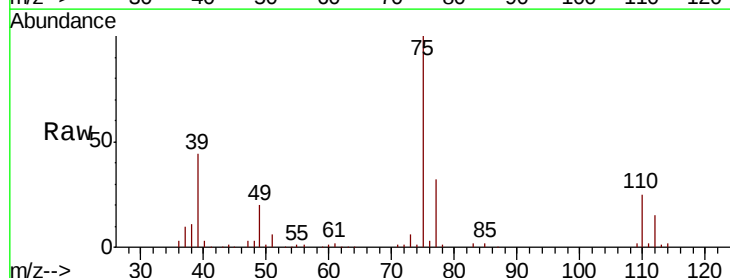
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

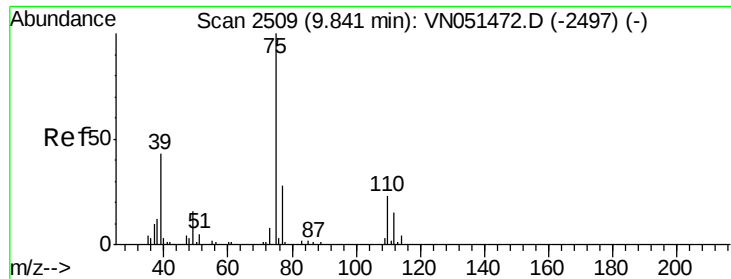
Tot Ion: 43 Resp: 130305
Ion Ratio Lower Upper
43 100
55 27.5 12.2 18.4#



#48
t-1,3-Dichloropropene
Concen: 22.195 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

Tgt Ion: 75 Resp: 163436
Ion Ratio Lower Upper
75 100
77 31.3 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 22.981 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

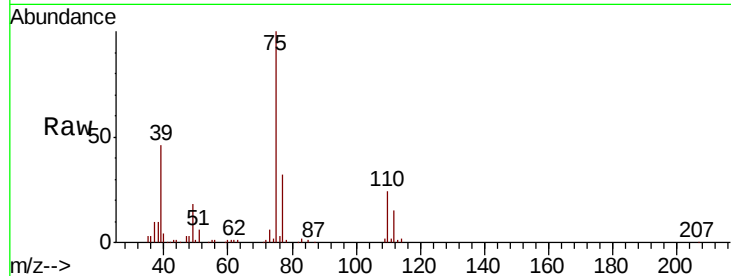
Tot Ion: 75 Resp: 195879

Ion Ratio Lower Upper

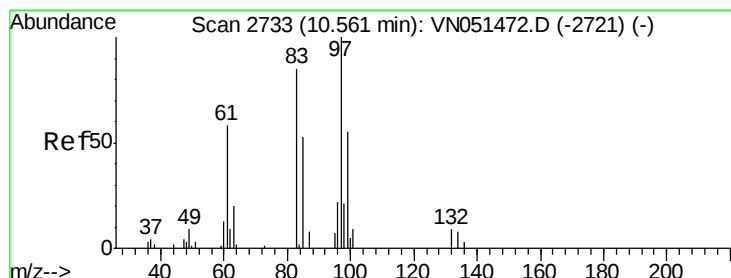
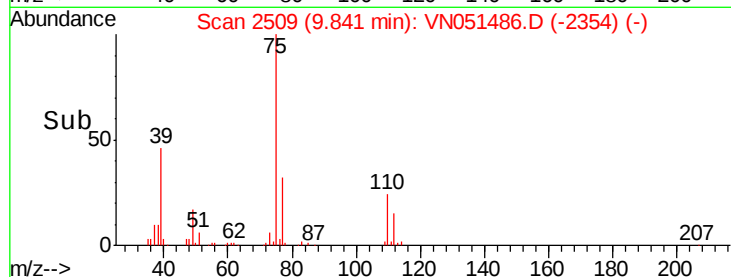
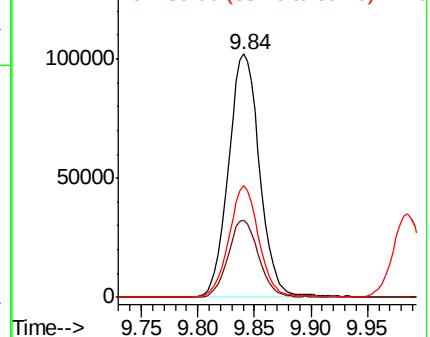
75 100

77 31.8 23.2 34.8

39 45.7 34.6 52.0



Abundance Ion 75.00 (74.70 to 75.70): VNO
Ion 77.00 (76.70 to 77.70): VNO
Ion 39.00 (38.70 to 39.70): VNO



#50

1,1,2-Trichloroethane

Concen: 23.617 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

Tgt Ion: 97 Resp: 113893

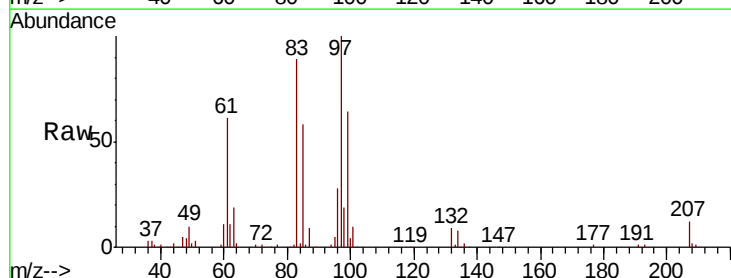
Ion Ratio Lower Upper

97 100

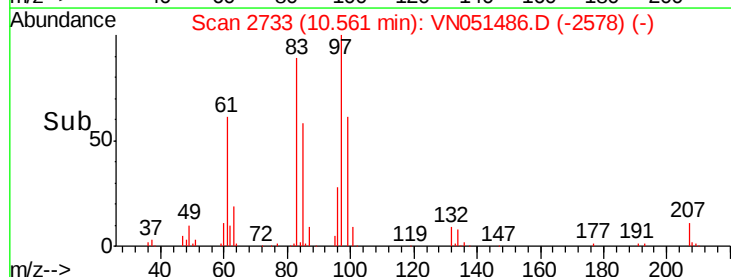
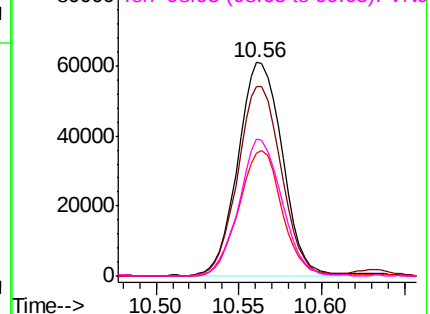
83 88.5 68.2 102.4

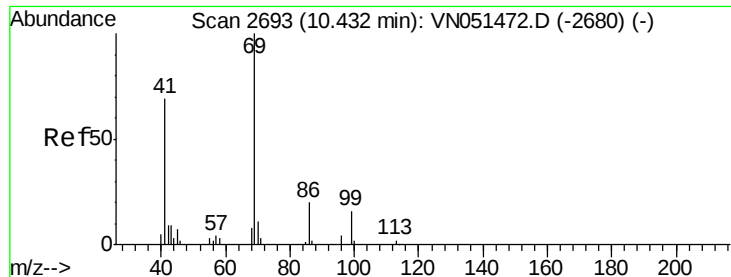
85 57.6 42.5 63.7

99 63.8 44.3 66.5



Abundance Ion 97.00 (96.70 to 97.70): VNO
Ion 82.95 (82.65 to 83.65): VNO
Ion 84.95 (84.65 to 85.65): VNO
Ion 98.95 (98.65 to 99.65): VNO





#51

Ethyl methacrylate

Concen: 22.646 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

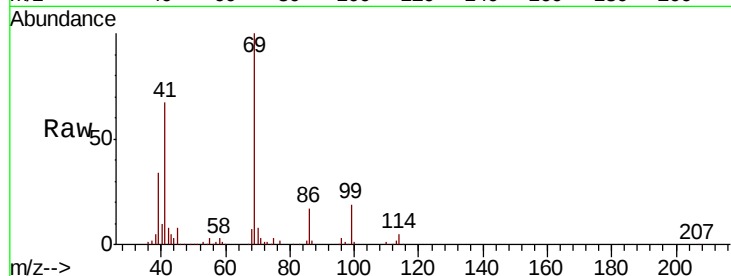
Tot Ion: 69 Resp: 129252

Ion Ratio Lower Upper

69 100

41 66.7 34.4 103.1

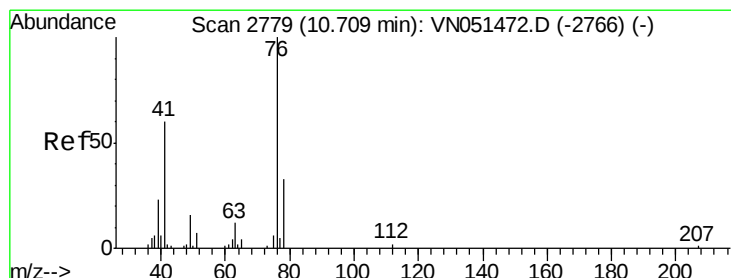
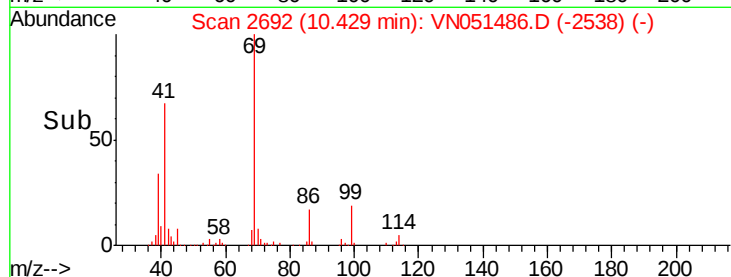
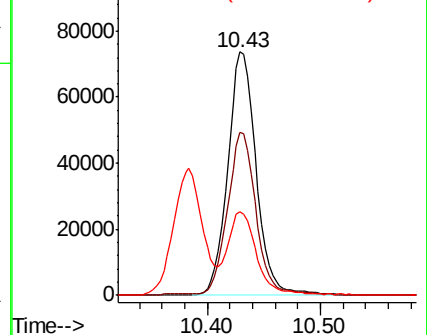
39 34.0 16.3 48.8



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 23.547 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN051486.D

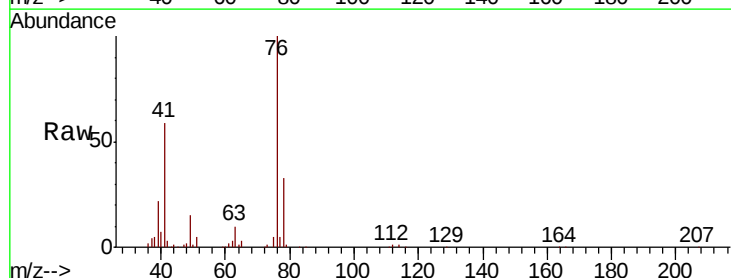
Acq: 25 Sep 2018 15:44

Tgt Ion: 76 Resp: 191576

Ion Ratio Lower Upper

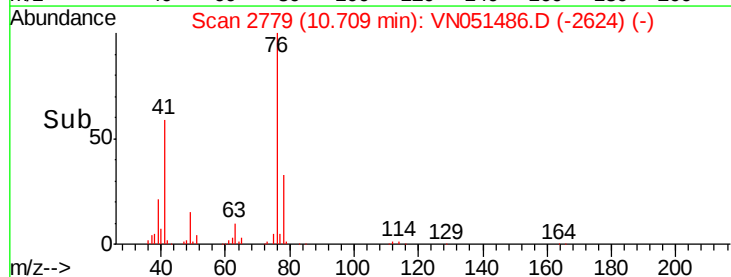
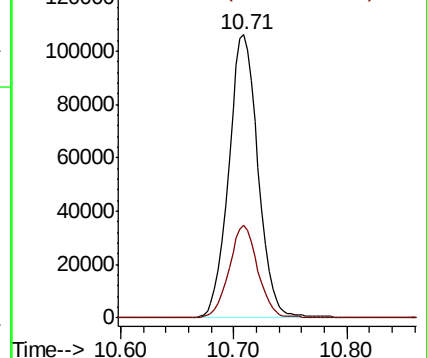
76 100

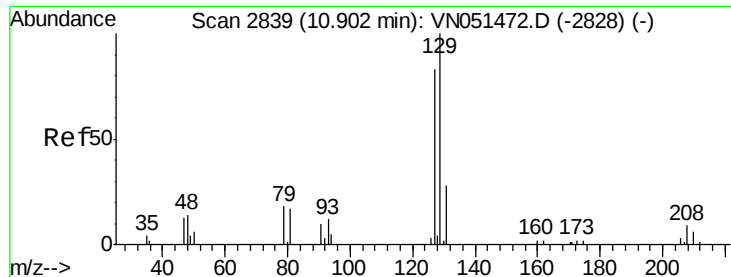
78 31.8 0.0 67.6



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 23.012 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

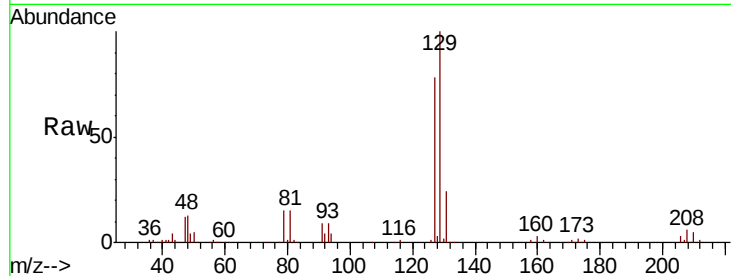
VSTDCCC020EC

Tot Ion:129 Resp: 127649

Ion Ratio Lower Upper

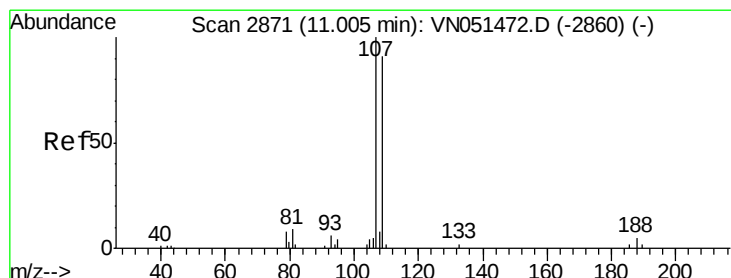
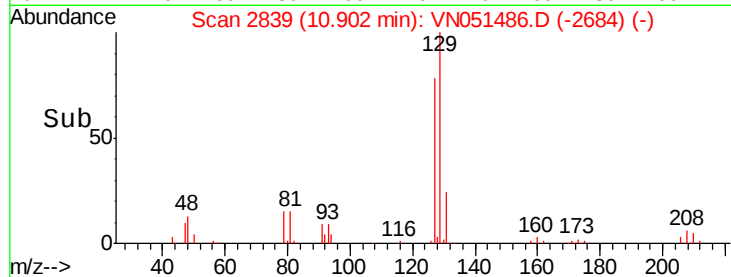
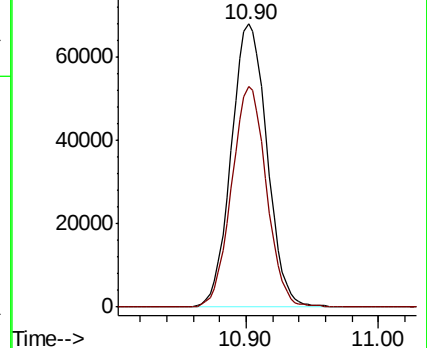
129 100

127 75.7 40.2 120.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 22.933 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN051486.D

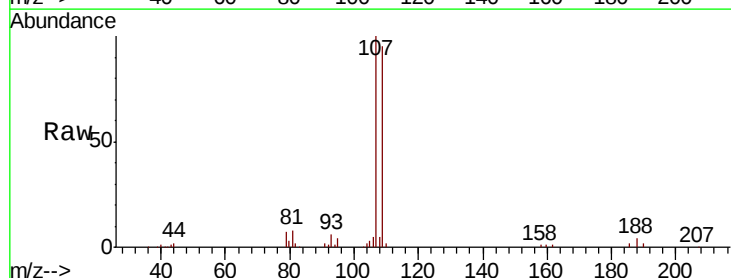
Acq: 25 Sep 2018 15:44

Tgt Ion:107 Resp: 106711

Ion Ratio Lower Upper

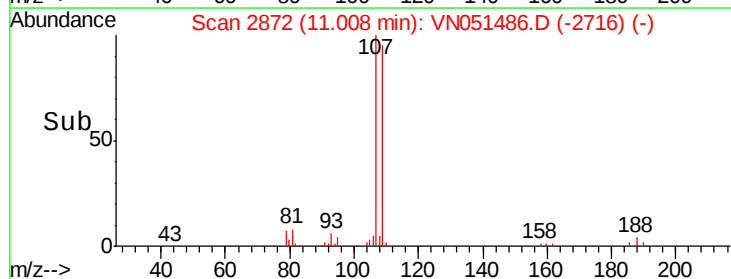
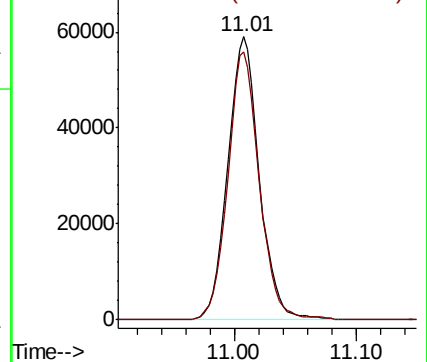
107 100

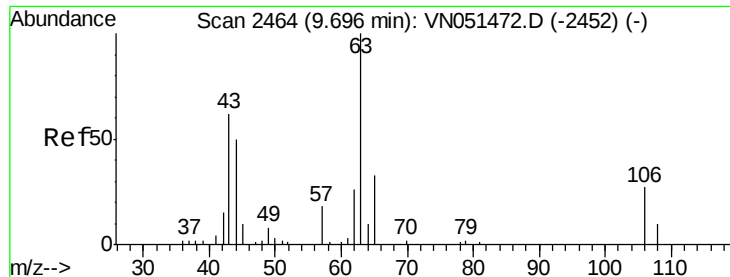
109 94.0 77.4 116.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

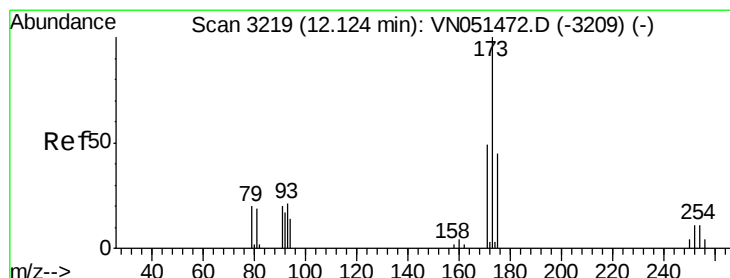
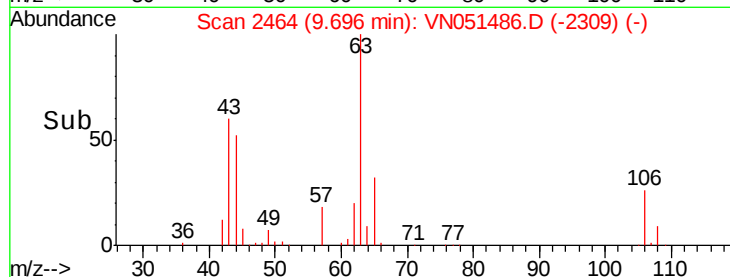
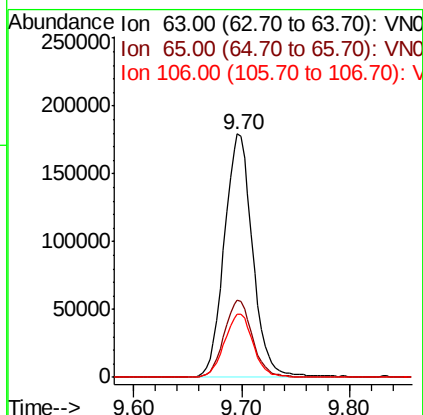
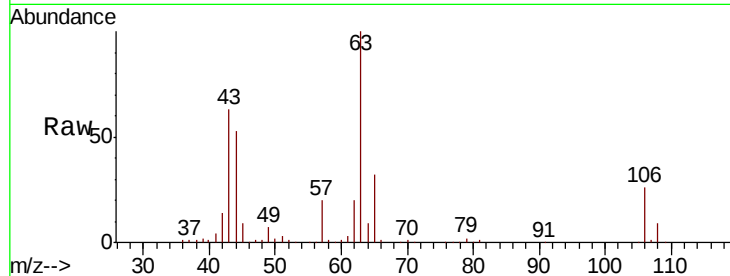




#55
2-Chloroethyl vinyl ether
Concen: 116.683 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

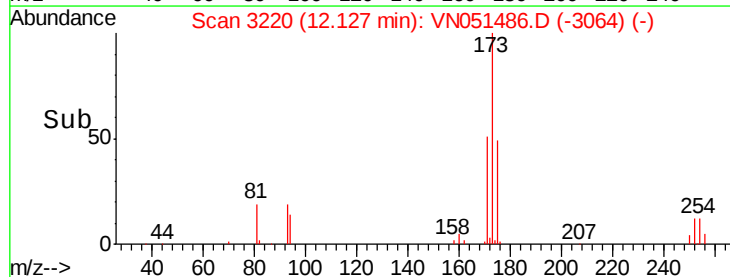
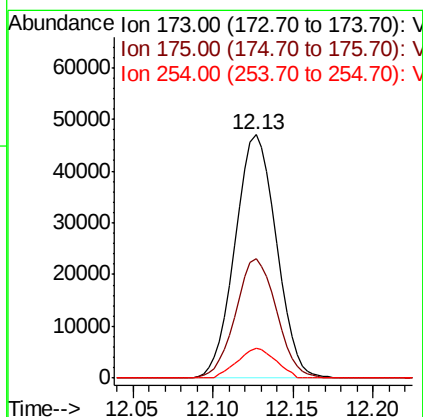
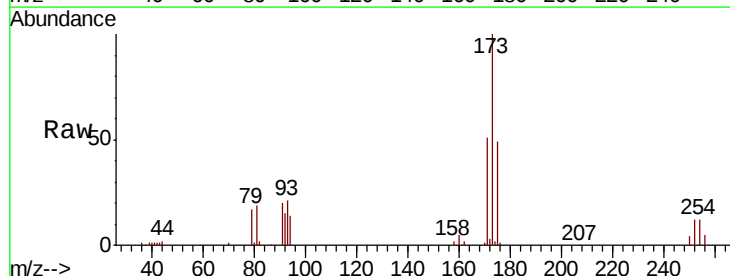
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

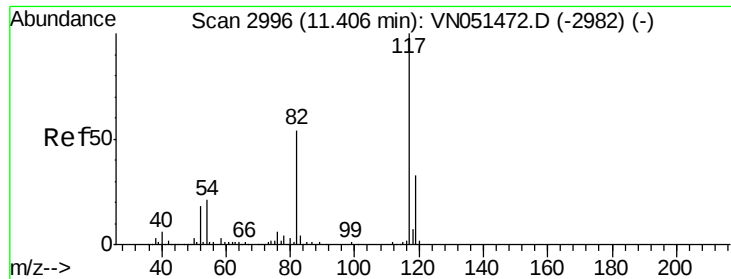
Tot Ion: 63 Resp: 328847
Ion Ratio Lower Upper
63 100
65 31.4 25.4 38.0
106 26.3 21.2 31.8



#56
Bromoform
Concen: 22.156 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

Tgt Ion: 173 Resp: 82858
Ion Ratio Lower Upper
173 100
175 48.5 35.8 53.8
254 11.3 8.6 13.0

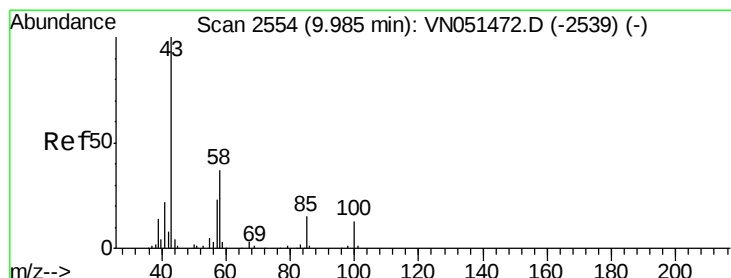
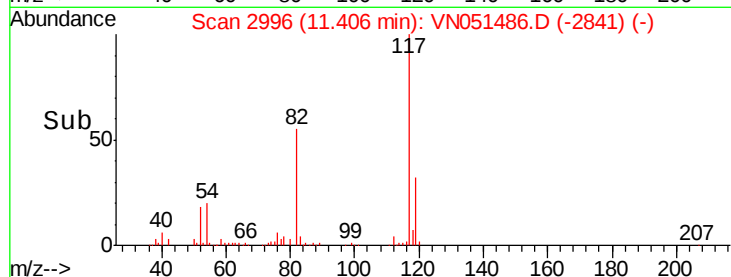
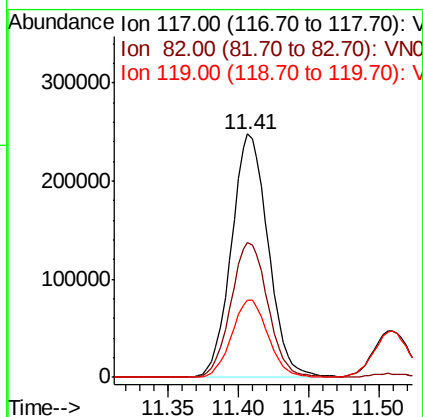
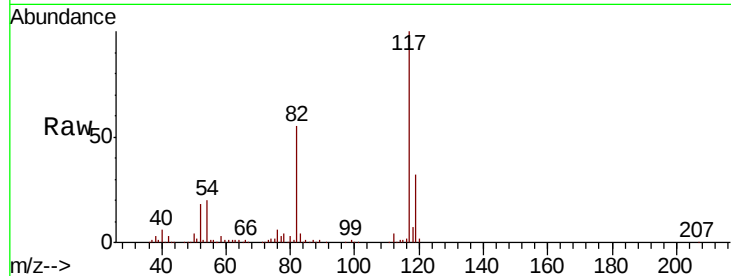




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

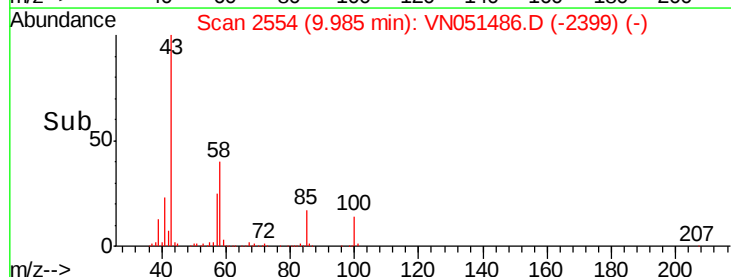
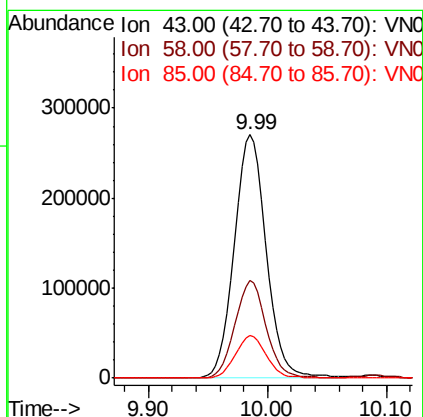
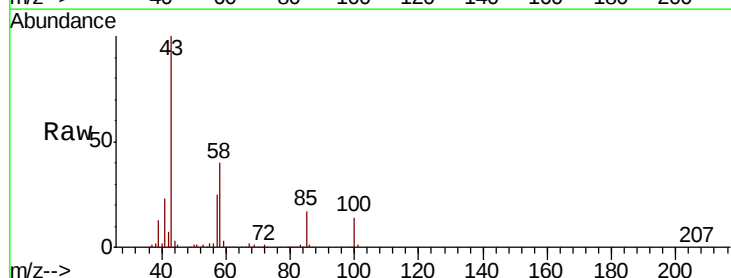
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

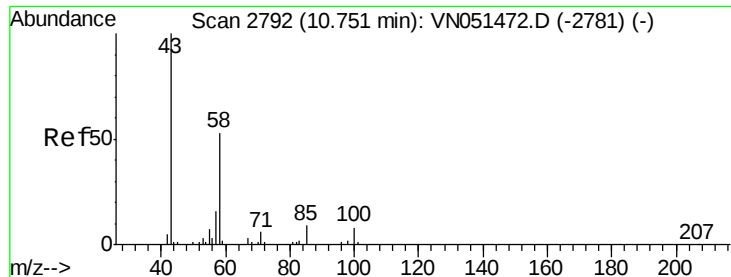
Tot Ion:117 Resp: 452974
Ion Ratio Lower Upper
117 100
82 55.7 44.1 66.1
119 31.4 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 126.267 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

Tgt Ion: 43 Resp: 502650
Ion Ratio Lower Upper
43 100
58 39.3 29.3 43.9
85 17.0 12.6 18.8

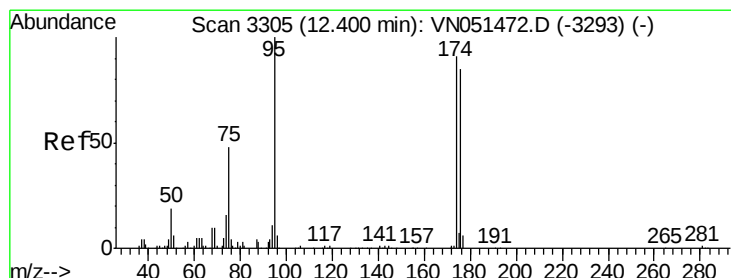
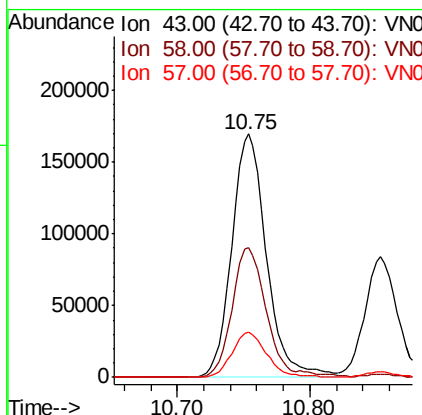
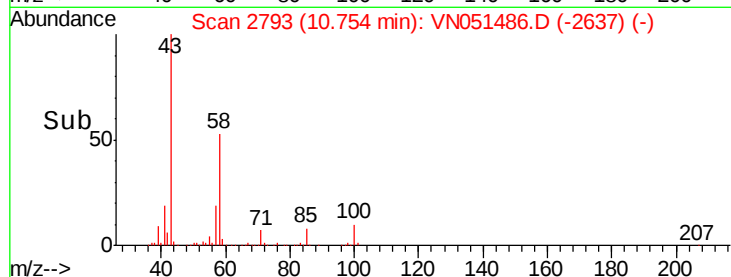
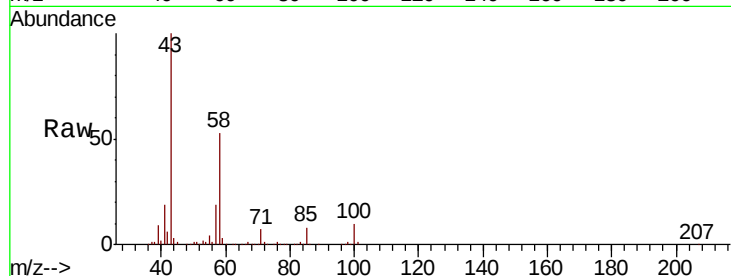




#59
2-Hexanone
Concen: 116.825 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

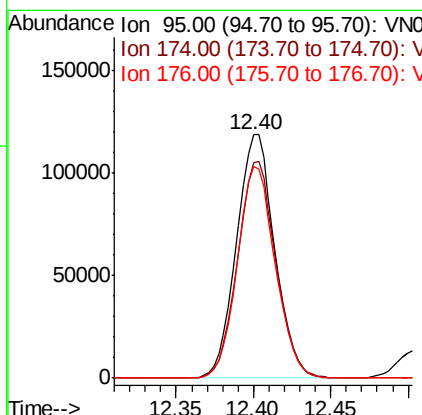
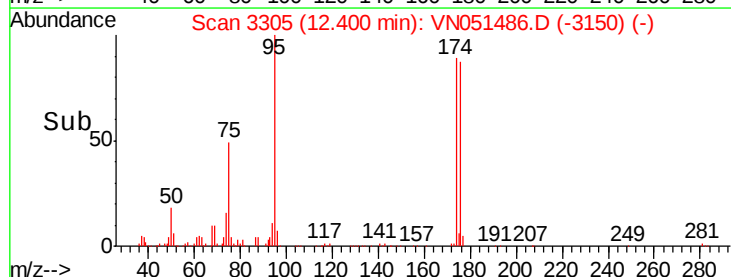
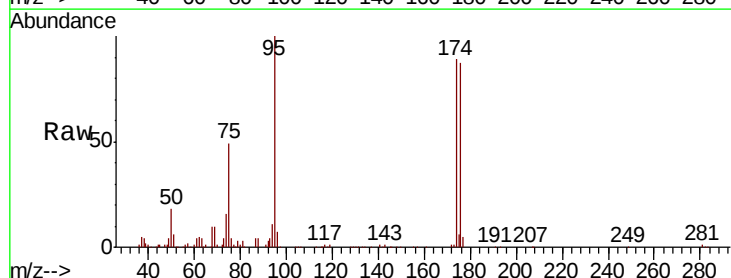
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

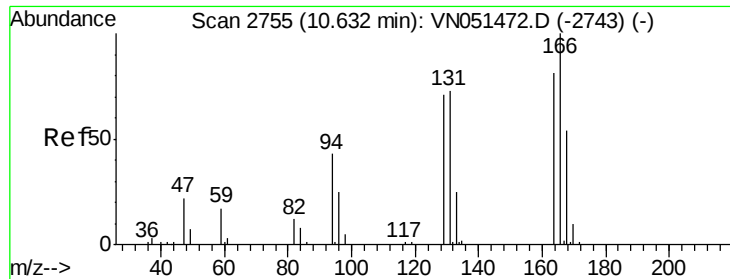
Tot Ion: 43 Resp: 306086
Ion Ratio Lower Upper
43 100
58 53.3 41.3 61.9
57 18.8 13.4 20.0



#60
4-Bromofluorobenzene
Concen: 30.552 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

Tgt Ion: 95 Resp: 203179
Ion Ratio Lower Upper
95 100
174 88.8 73.5 110.3
176 86.2 70.2 105.2





#61

Tetrachloroethene

Concen: 22.495 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 118549

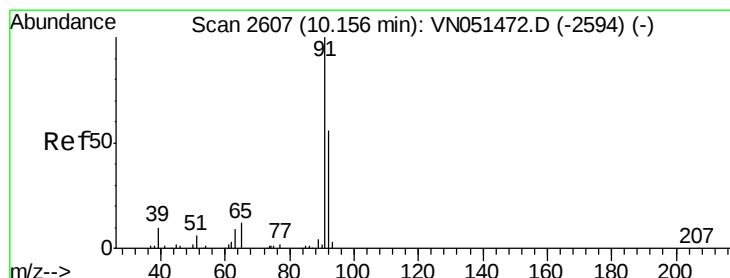
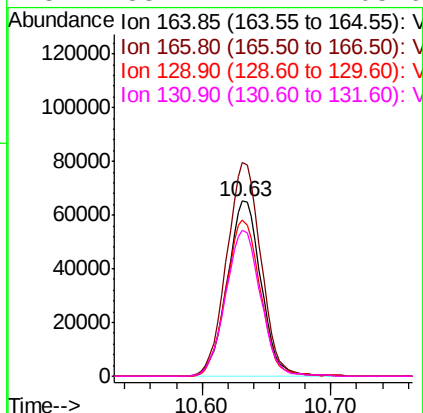
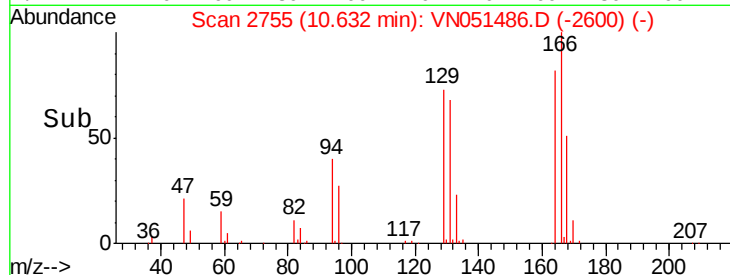
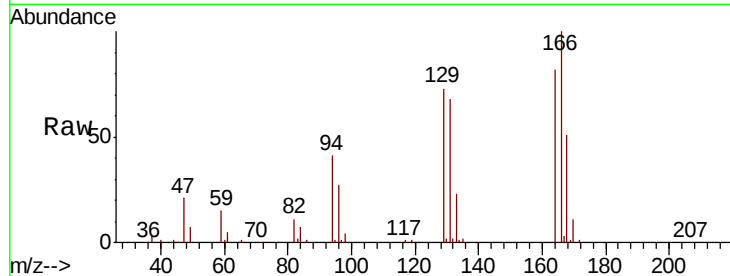
Ion Ratio Lower Upper

164 100

166 121.7 98.7 148.1

129 89.4 69.6 104.4

131 83.4 72.4 108.6



#62

Toluene

Concen: 22.311 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051486.D

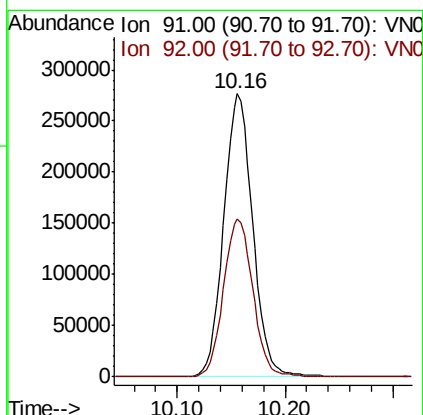
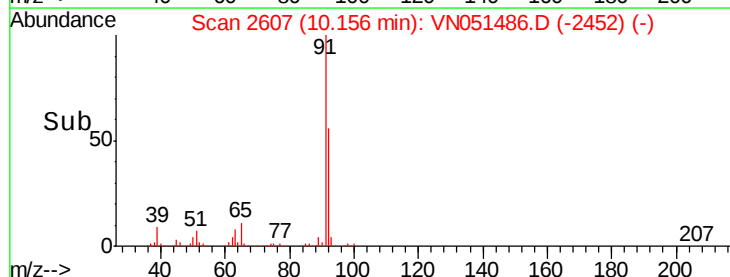
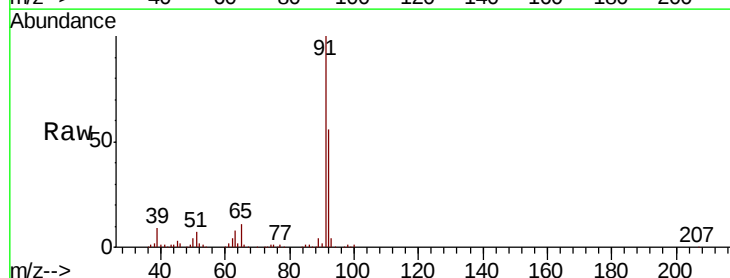
Acq: 25 Sep 2018 15:44

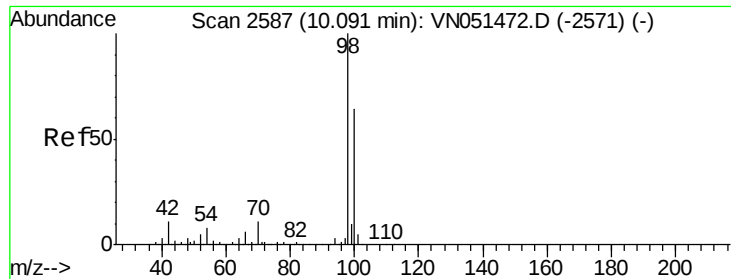
Tgt Ion: 91 Resp: 517374

Ion Ratio Lower Upper

91 100

92 56.6 44.6 66.8





#63

Toluene-d8

Concen: 30.202 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

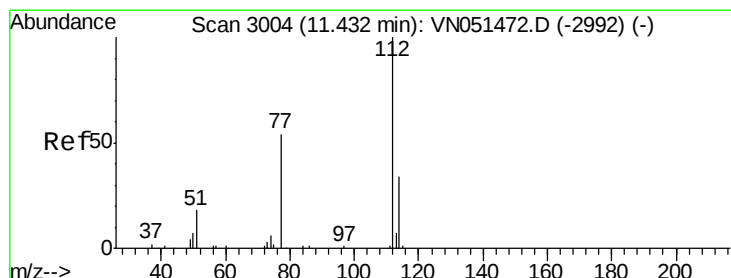
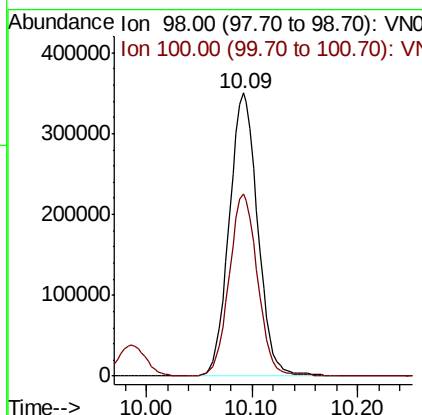
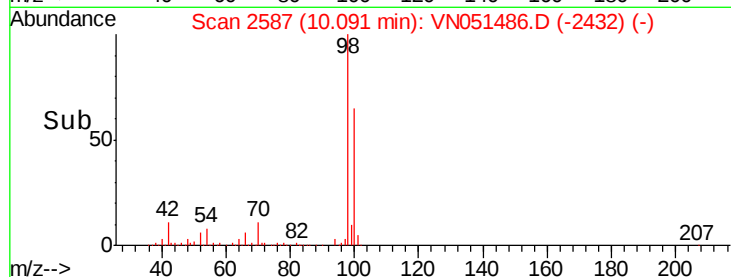
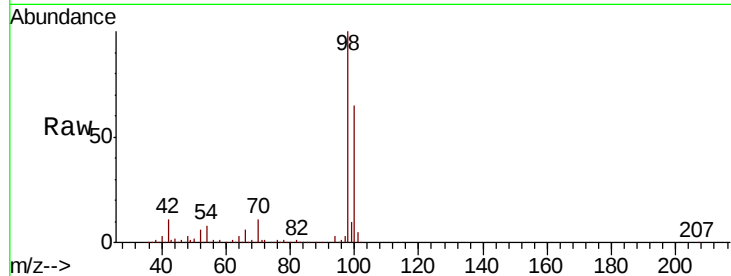
VSTDCCC020EC

Tot Ion: 98 Resp: 655939

Ion Ratio Lower Upper

98 100

100 63.8 50.8 76.2



#64

Chlorobenzene

Concen: 22.397 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN051486.D

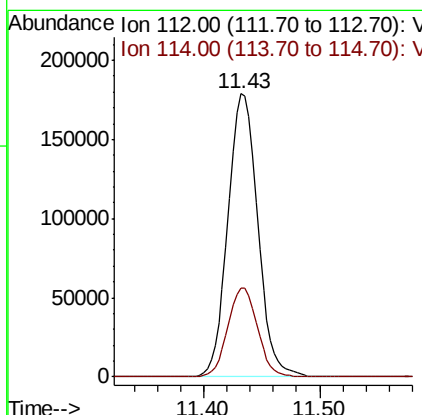
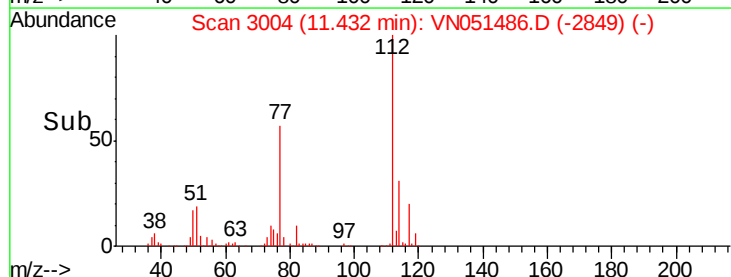
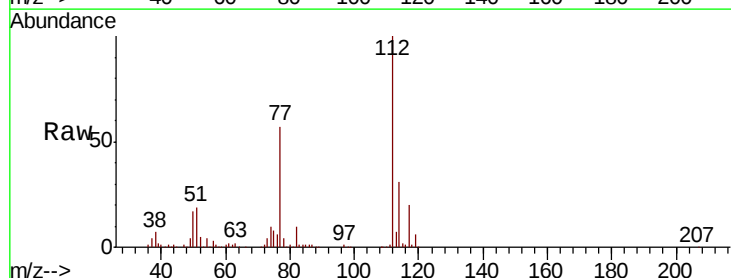
Acq: 25 Sep 2018 15:44

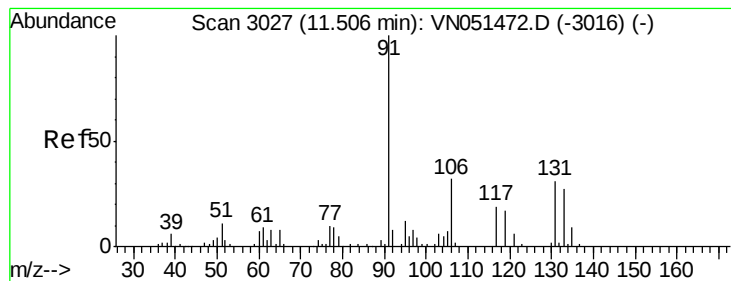
Tgt Ion: 112 Resp: 318427

Ion Ratio Lower Upper

112 100

114 31.4 27.5 41.3





#65

1,1,1,2-Tetrachloroethane

Concen: 22.713 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

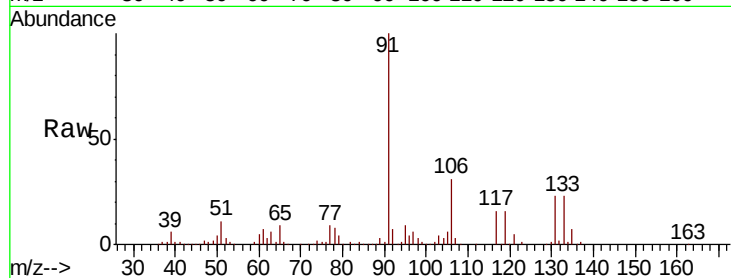
Tot Ion:131 Resp: 124847

Ion Ratio Lower Upper

131 100

133 95.3 0.0 190.4

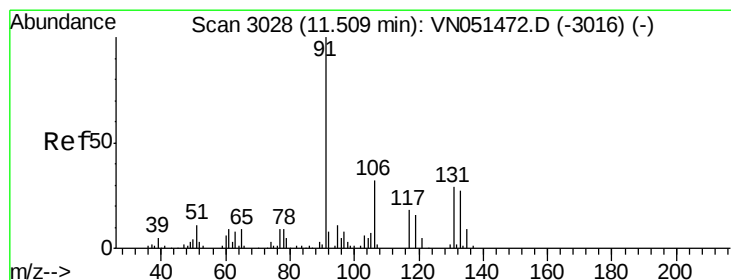
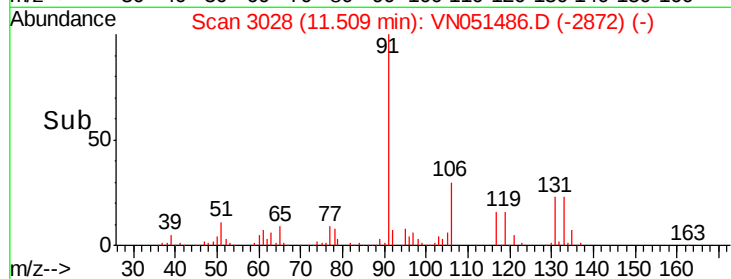
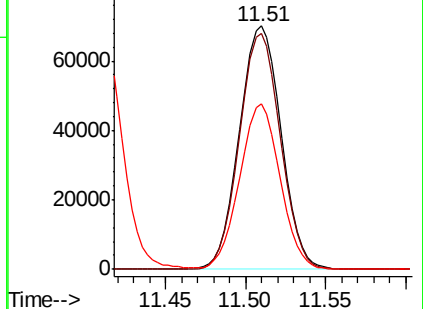
119 65.8 0.0 128.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 21.645 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN051486.D

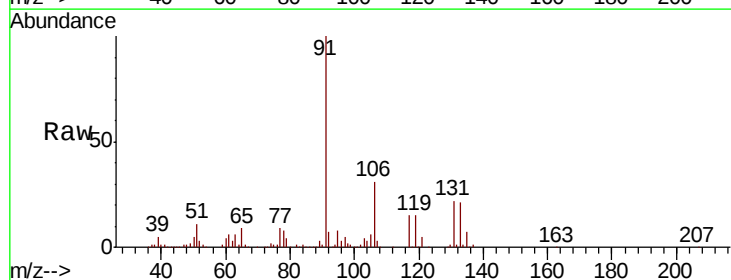
Acq: 25 Sep 2018 15:44

Tgt Ion: 91 Resp: 517820

Ion Ratio Lower Upper

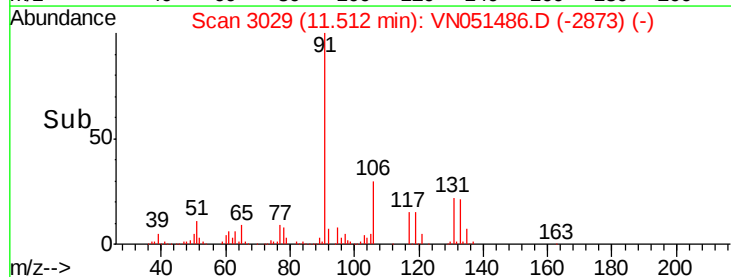
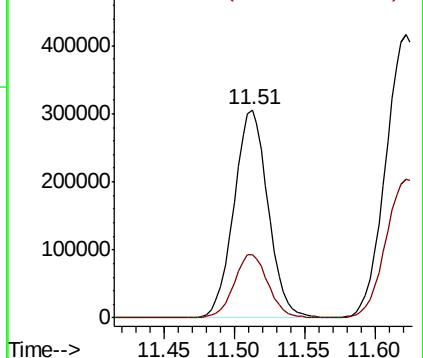
91 100

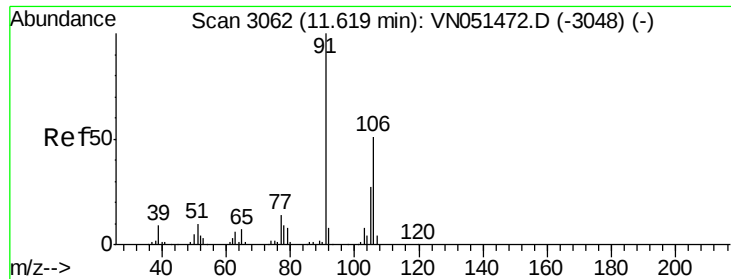
106 30.7 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

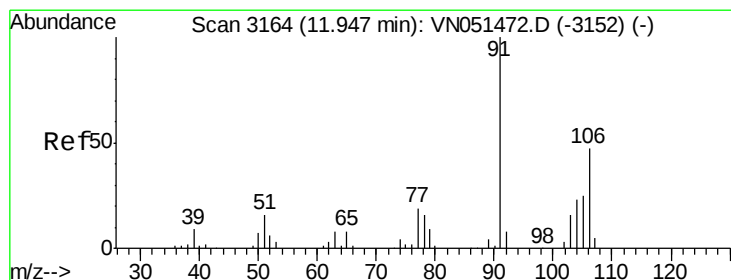
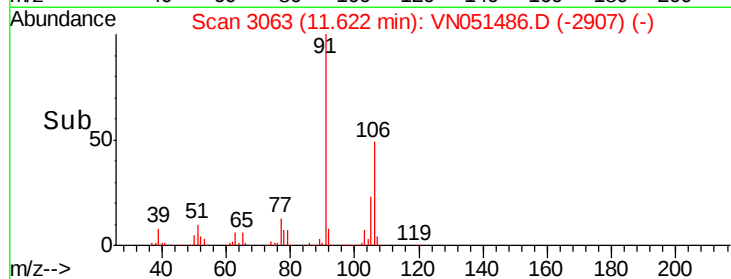
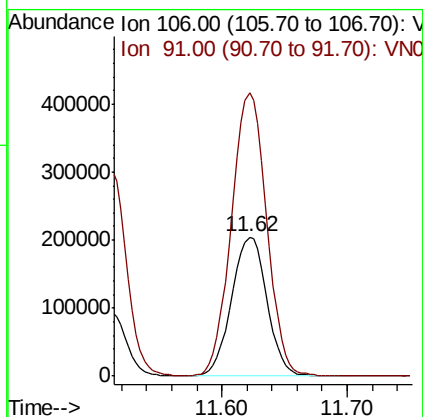
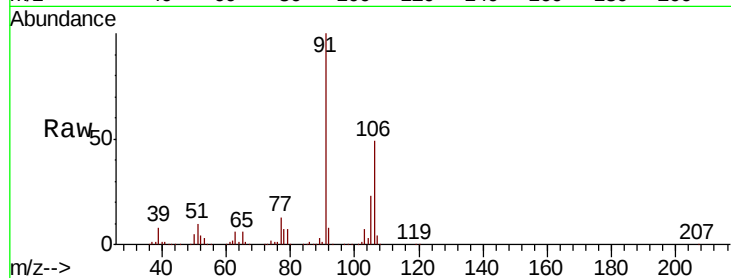




#67
m/p-Xylenes
Concen: 43.596 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

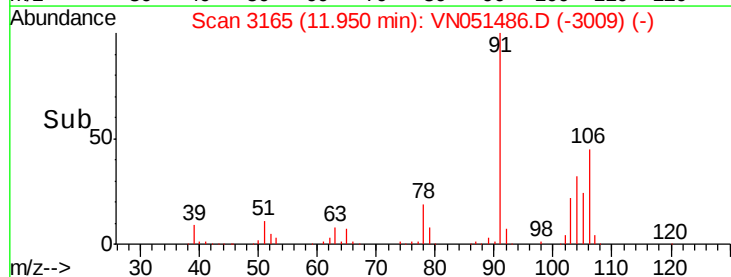
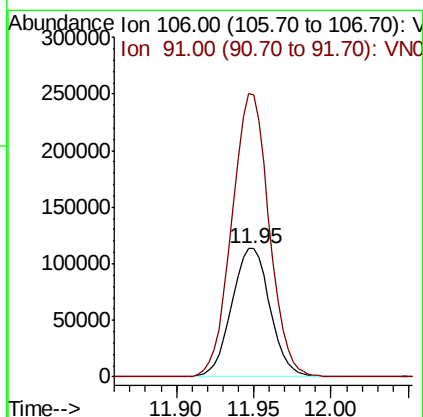
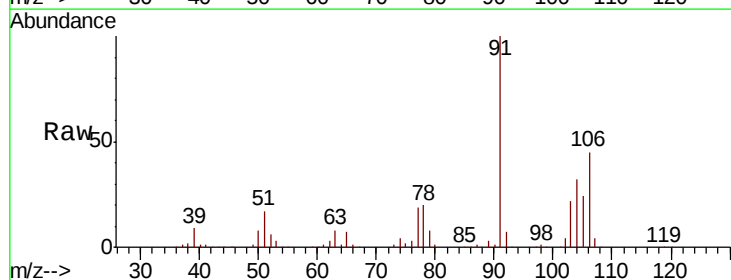
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

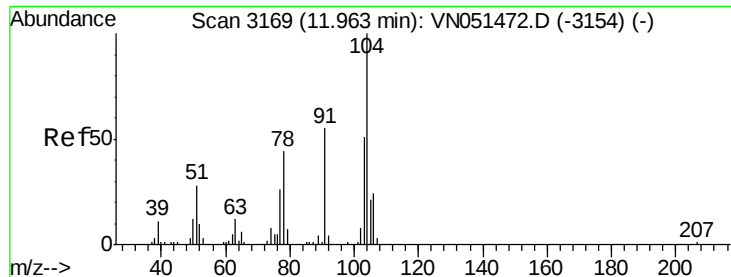
Tot Ion:106 Resp: 401504
Ion Ratio Lower Upper
106 100
91 202.5 158.8 238.2



#68
o-Xylene
Concen: 22.239 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

Tgt Ion:106 Resp: 195068
Ion Ratio Lower Upper
106 100
91 214.6 111.1 333.3

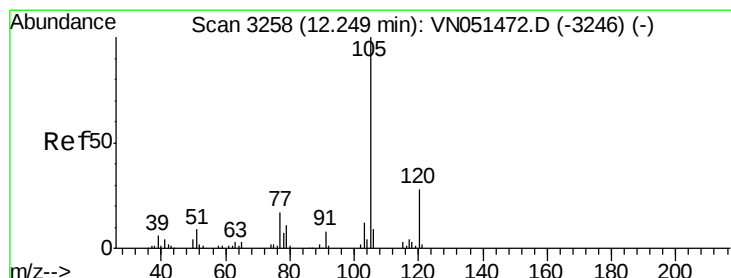
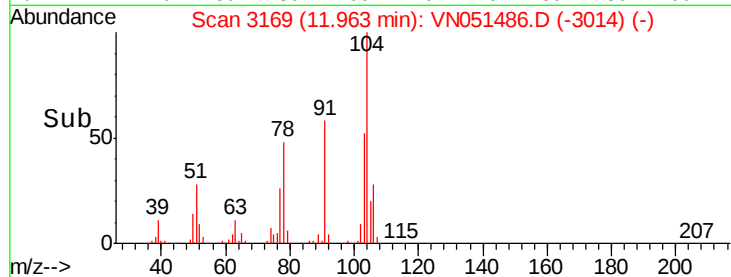
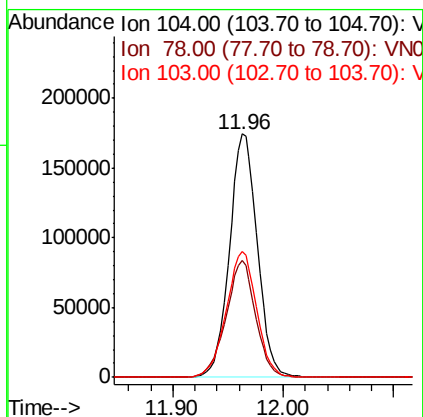
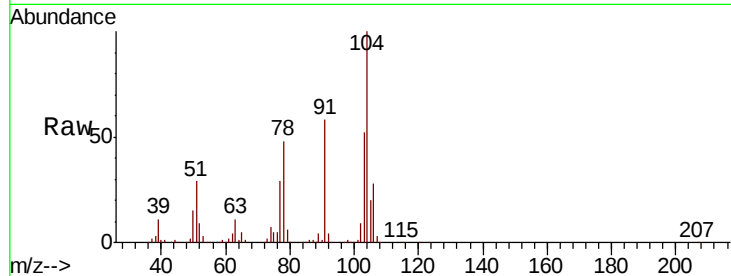




#69
Stvrene
Concen: 22.025 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

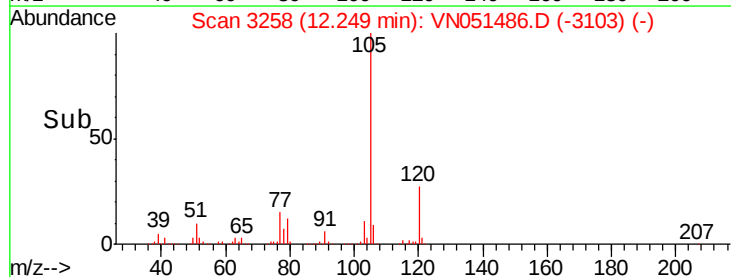
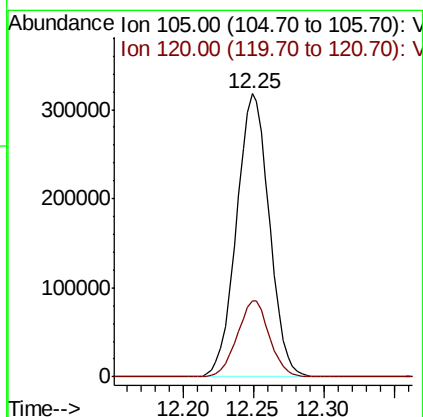
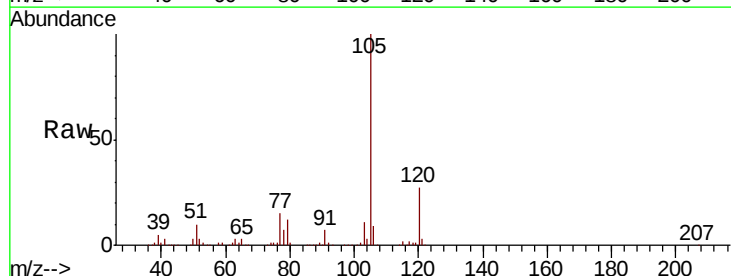
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

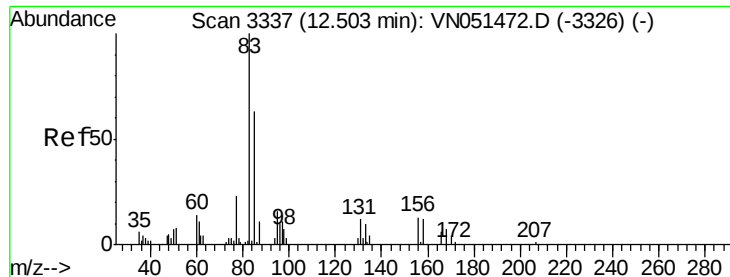
Tot Ion	Ratio	Lower	Upper
104	100		
78	50.8	40.6	60.8
103	56.2	44.0	66.0



#70
Isopropylbenzene
Concen: 22.039 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	19.0	35.4

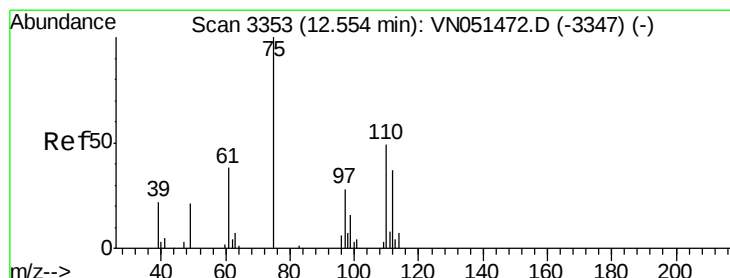
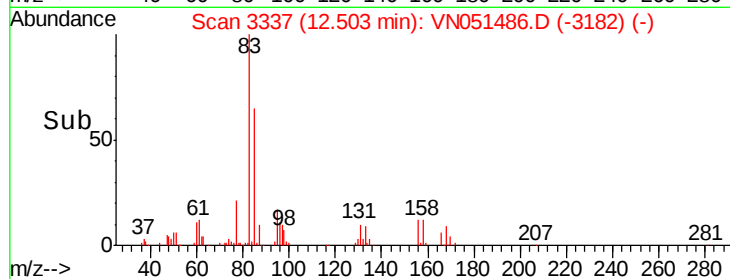
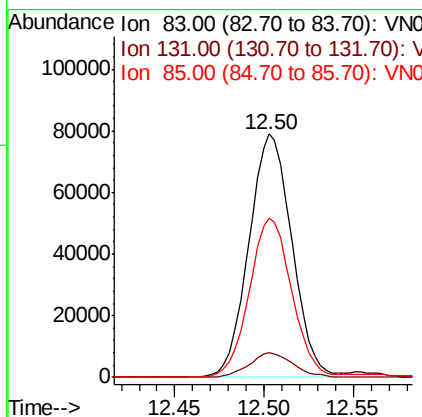
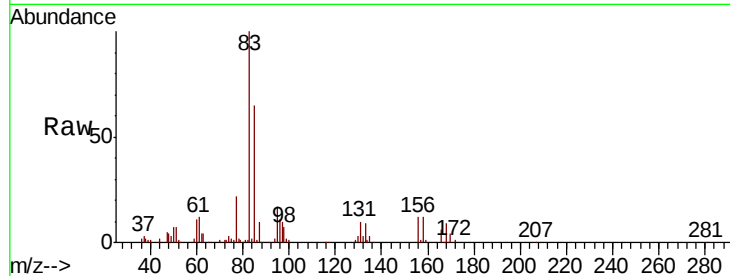




#71
 1,1,2,2-Tetrachloroethane
 Concen: 24.100 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

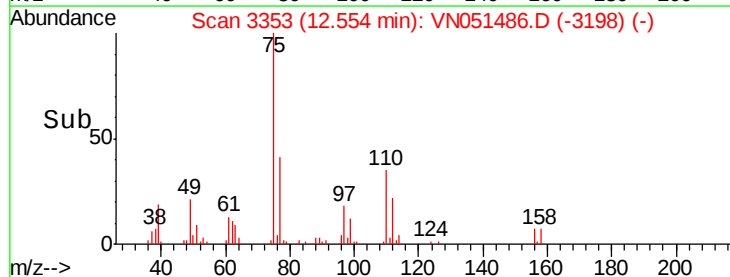
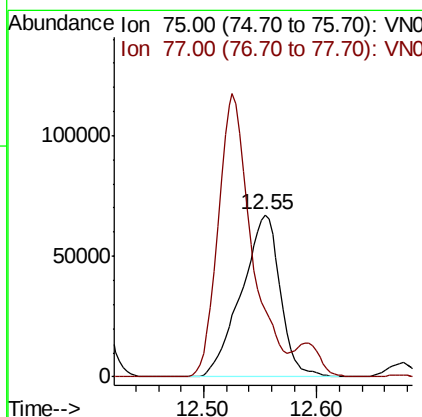
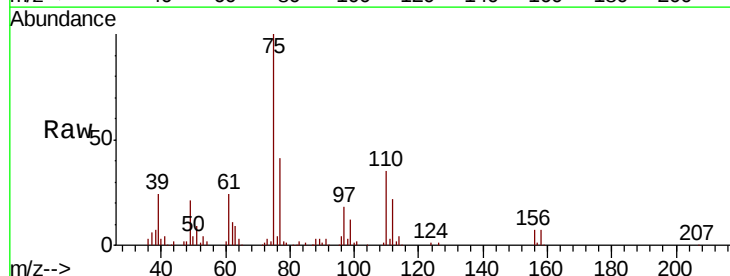
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

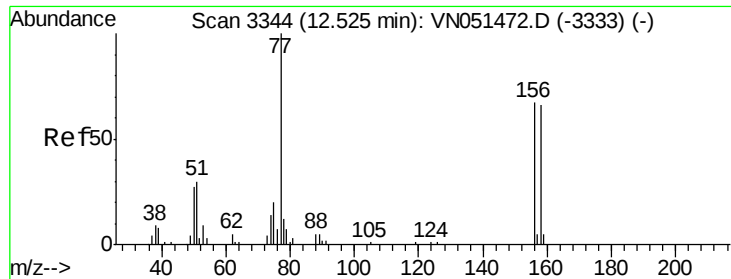
Tot Ion	83	Resp	133176
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.5	16.4
85	64.5	30.6	91.8



#72
 1,2,3-Trichloropropane
 Concen: 36.825 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

Tgt Ion	75	Resp	160473
Ion Ratio	Lower	Upper	
75	100		
77	149.6	0.0	400.0





#73

Bromobenzene

Concen: 21.747 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

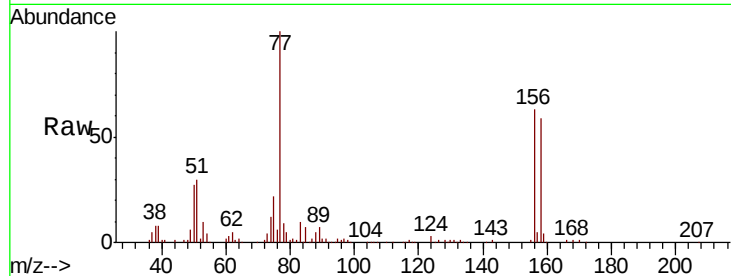
Tot Ion:156 Resp: 128663

Ion Ratio Lower Upper

156 100

77 186.6 0.0 377.4

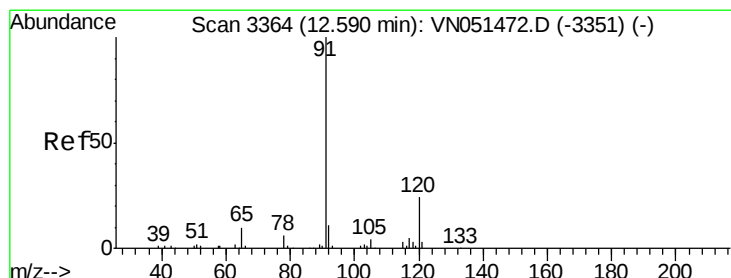
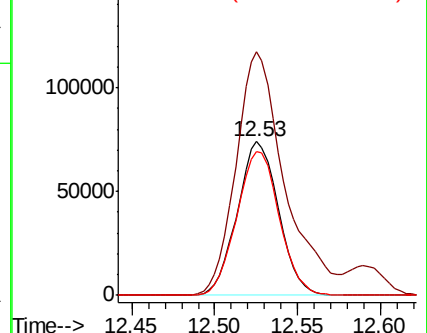
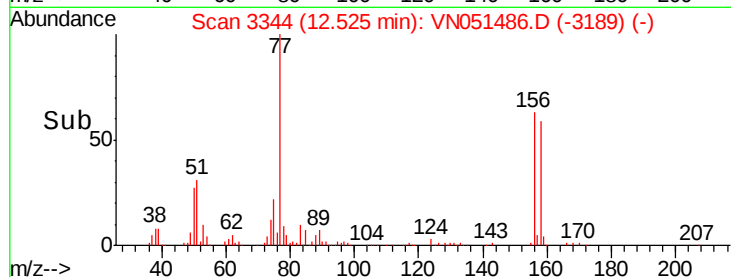
158 96.2 0.0 203.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 21.101 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051486.D

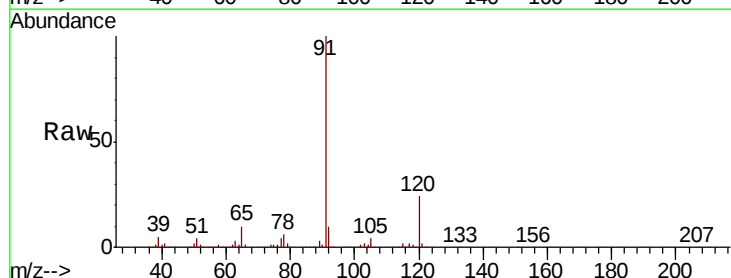
Acq: 25 Sep 2018 15:44

Tgt Ion: 91 Resp: 575883

Ion Ratio Lower Upper

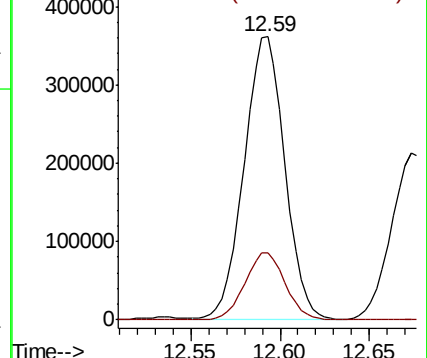
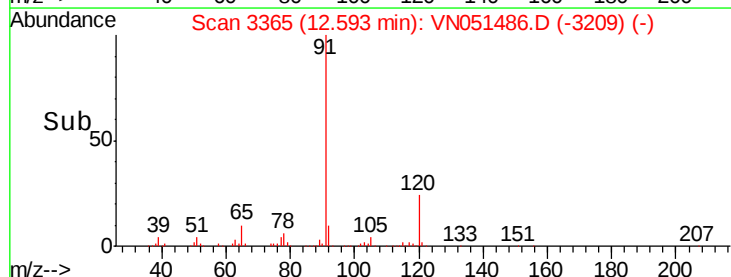
91 100

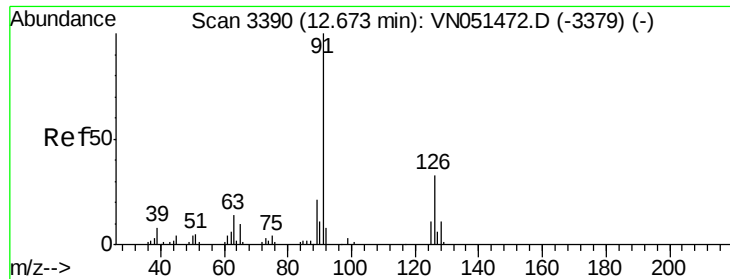
120 23.4 0.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 22.179 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

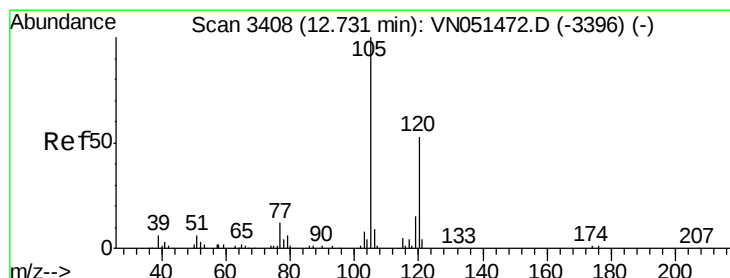
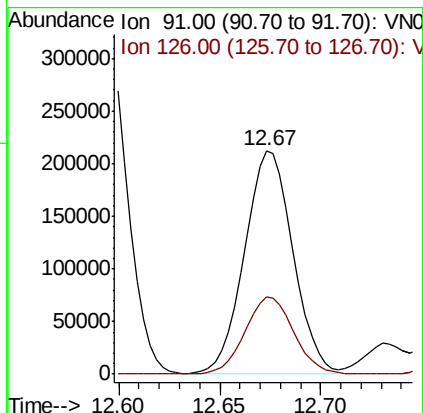
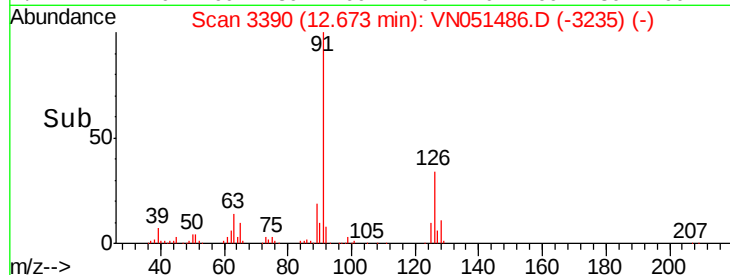
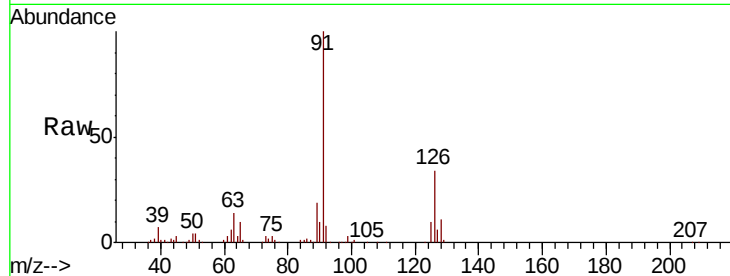
VSTDCCC020EC

Tot Ion: 91 Resp: 357219

Ion Ratio Lower Upper

91 100

126 34.7 0.0 67.6



#76

1,3,5-Trimethylbenzene

Concen: 22.275 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051486.D

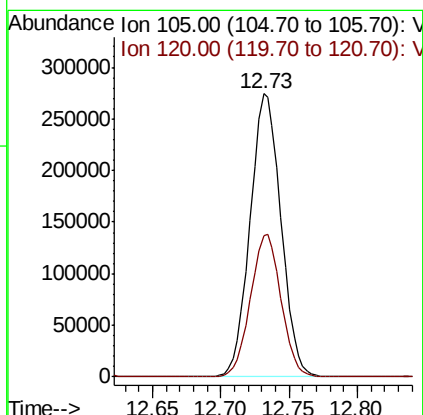
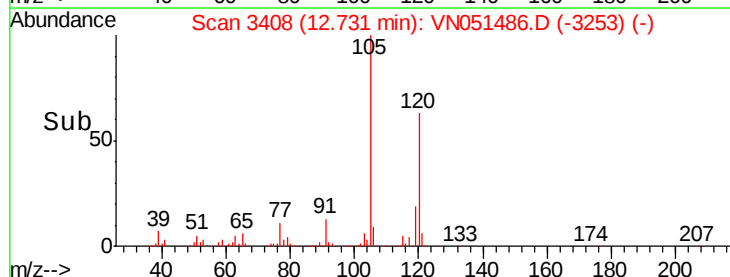
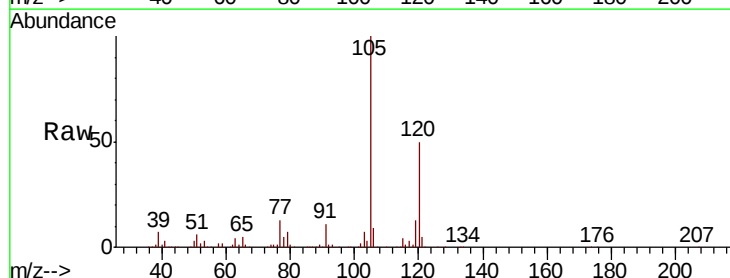
Acq: 25 Sep 2018 15:44

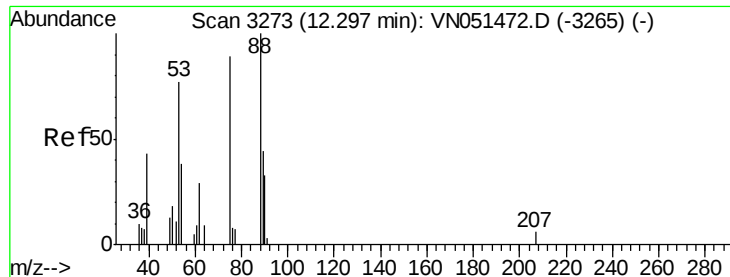
Tgt Ion: 105 Resp: 431469

Ion Ratio Lower Upper

105 100

120 49.8 0.0 98.2





#77

t-1,4-Dichloro-2-butene

Concen: 21.501 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

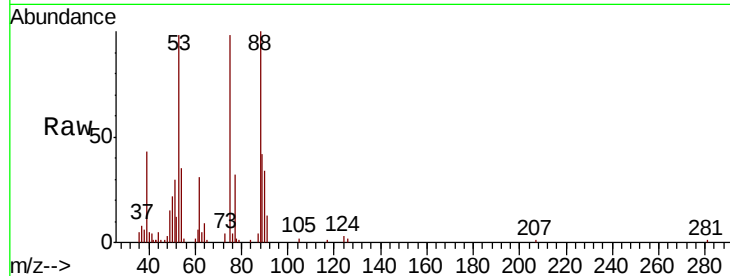
Tot Ion: 75 Resp: 32312

Ion Ratio Lower Upper

75 100

53 99.7 46.3 138.9

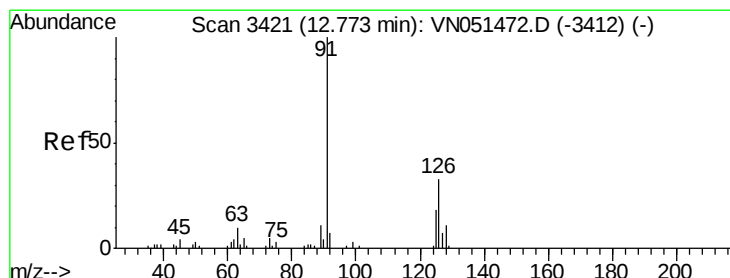
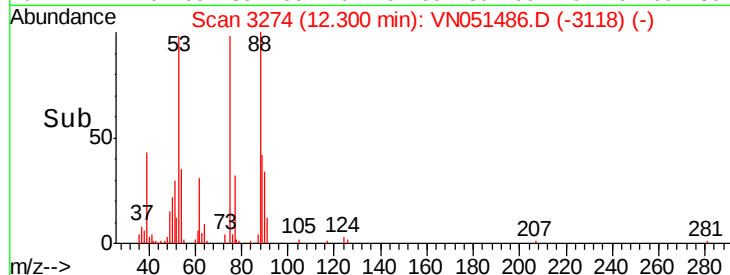
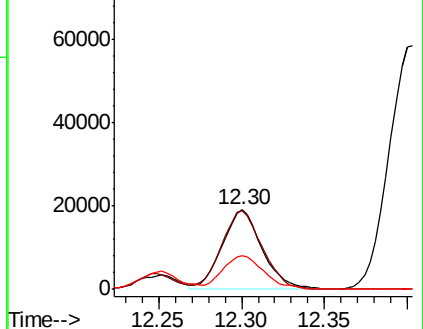
89 43.1 24.6 73.8



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 21.743 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051486.D

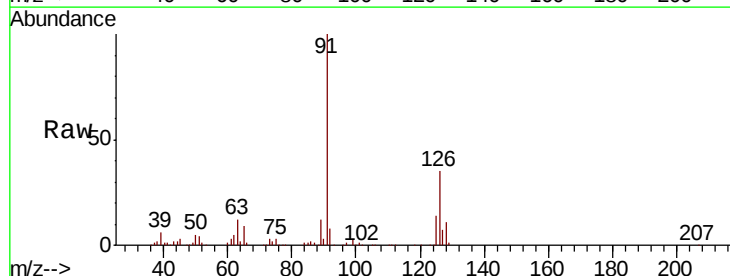
Acq: 25 Sep 2018 15:44

Tgt Ion: 91 Resp: 347331

Ion Ratio Lower Upper

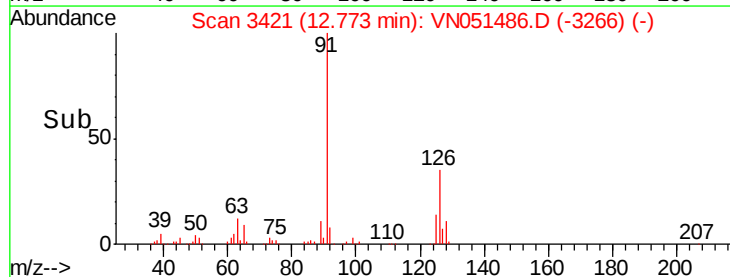
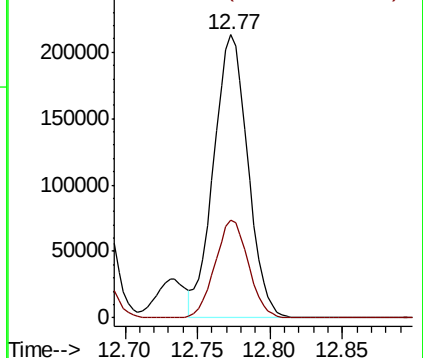
91 100

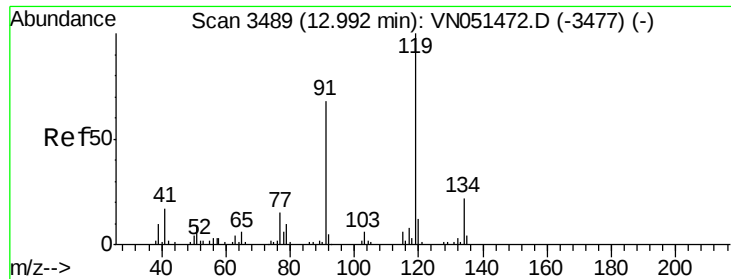
126 33.8 0.0 65.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

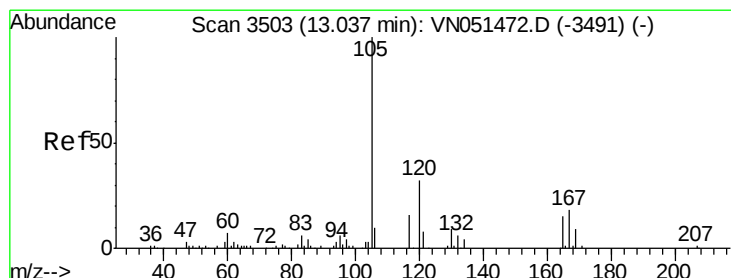
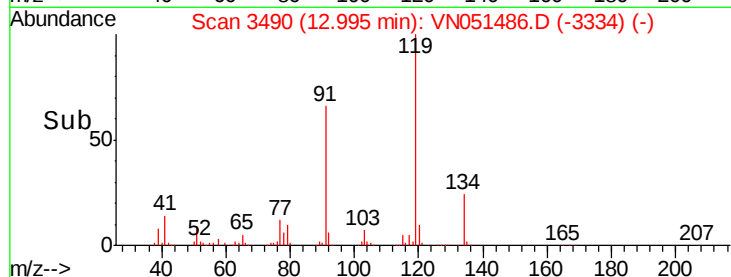
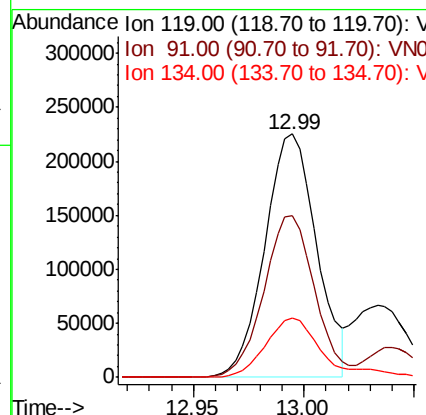
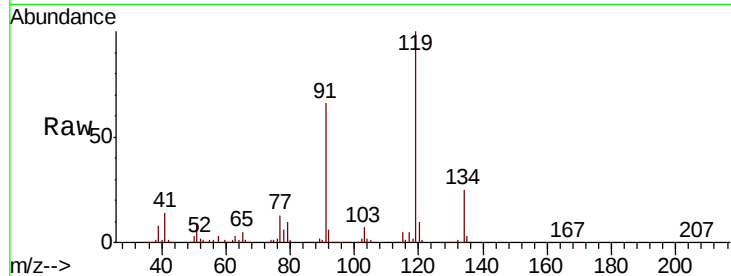




#79
tert-butylbenzene
Concen: 21.716 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

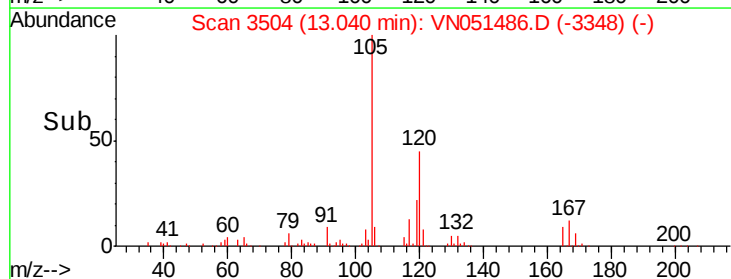
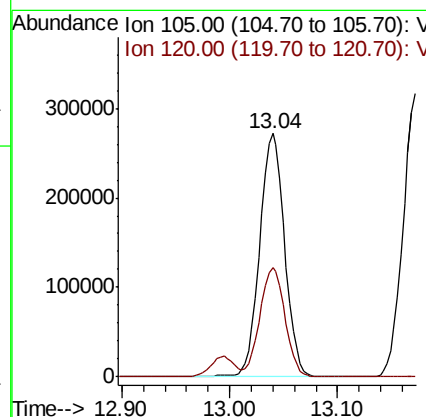
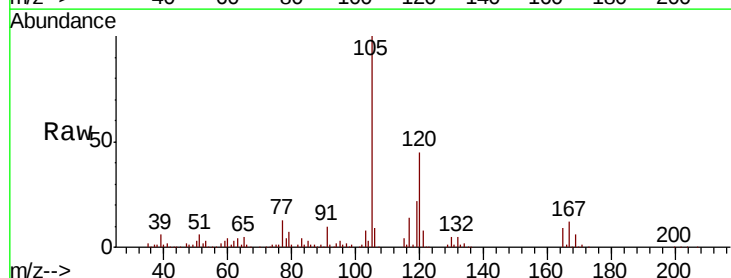
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

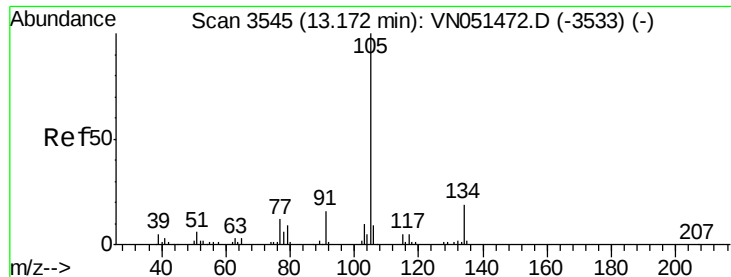
Tot Ion:119 Resp: 366245
Ion Ratio Lower Upper
119 100
91 64.9 0.0 131.6
134 24.4 0.0 46.2



#80
1,2,4-Trimethylbenzene
Concen: 22.366 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

Tgt Ion:105 Resp: 435532
Ion Ratio Lower Upper
105 100
120 45.3 0.0 89.6

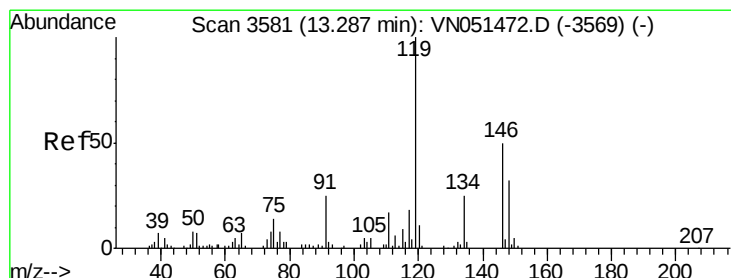
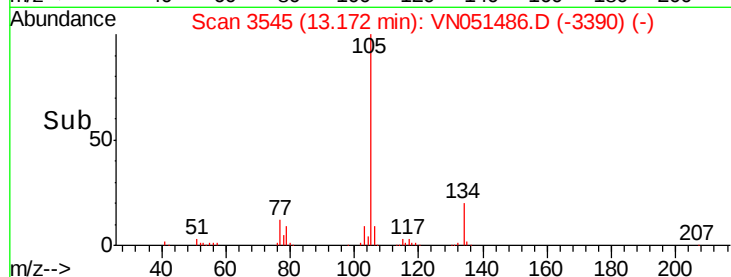
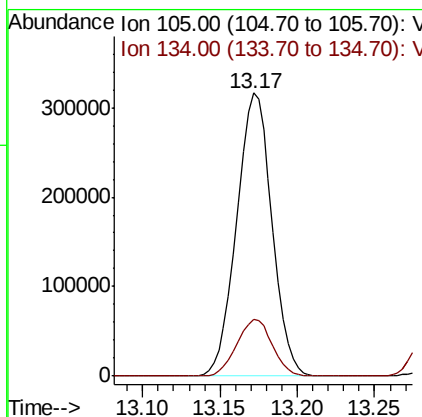
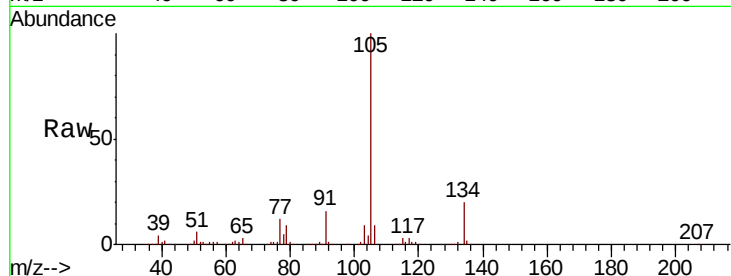




#81
 sec-Butylbenzene
 Concen: 21.573 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

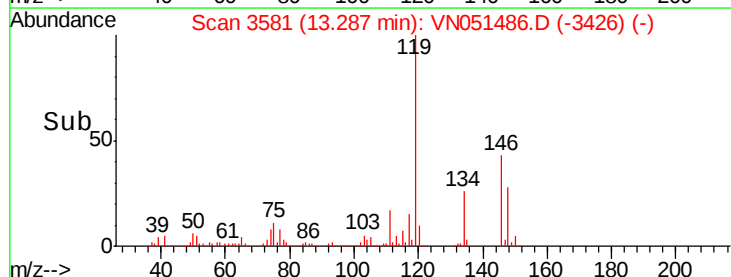
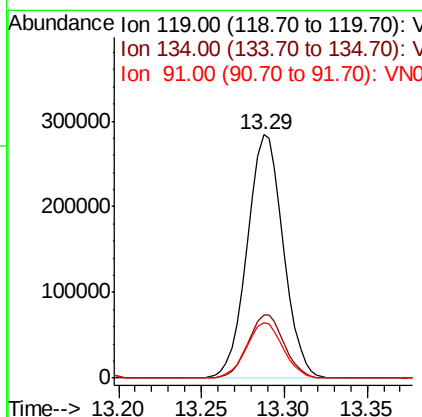
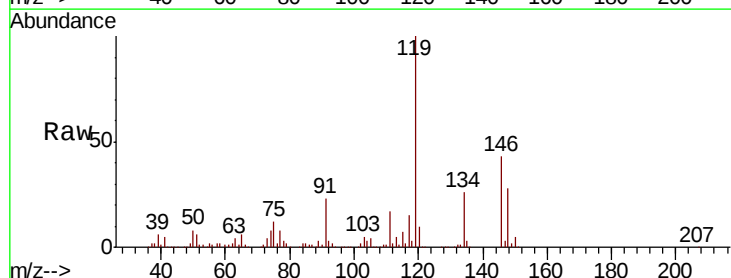
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

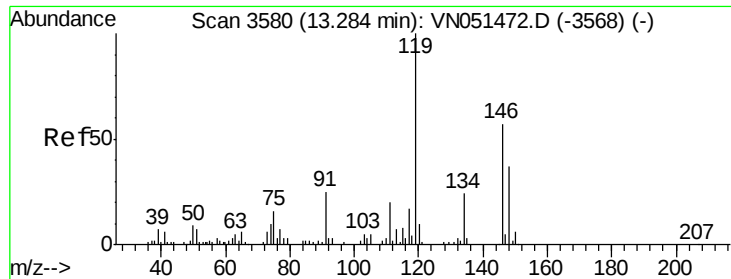
Tot Ion:105 Resp: 500488
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 21.475 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

Tgt Ion:119 Resp: 430080
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 53.6
 91 22.9 0.0 52.0

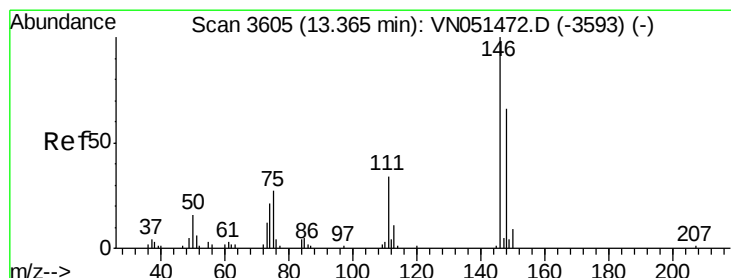
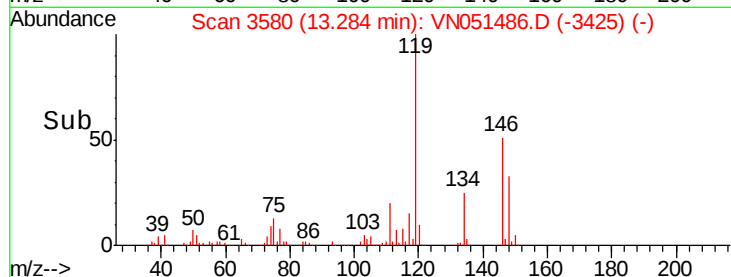
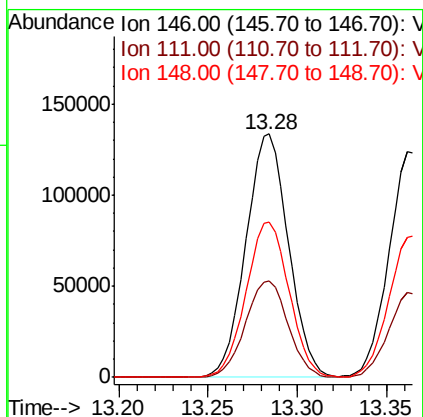
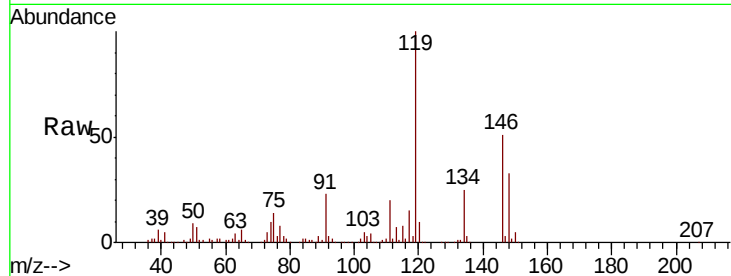




#83
 1,3-Dichlorobenzene
 Concen: 21.409 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

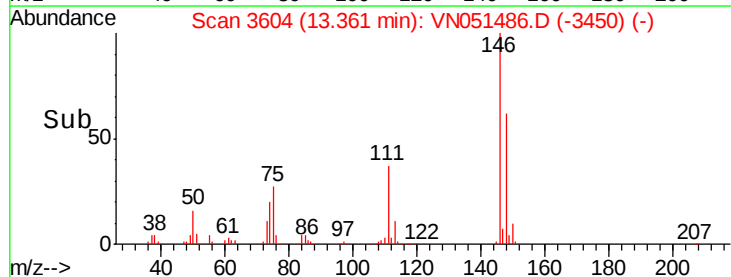
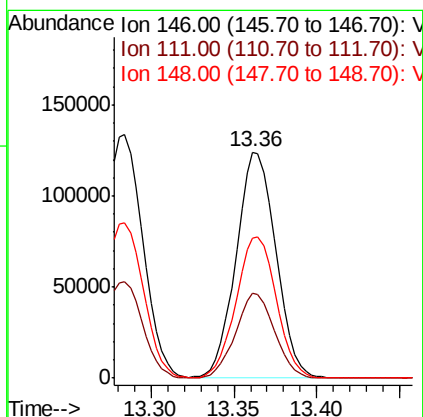
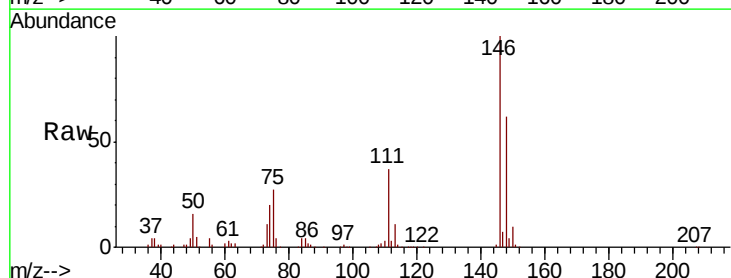
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

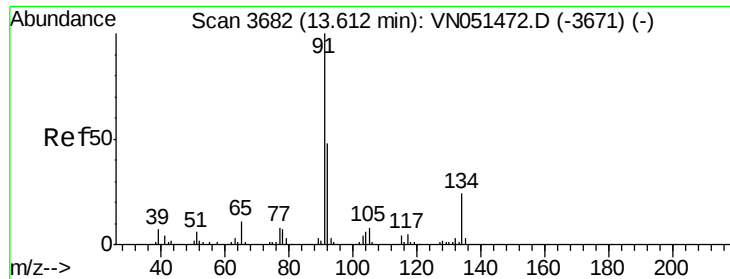
Tot Ion:146 Resp: 222163
 Ion Ratio Lower Upper
 146 100
 111 40.0 18.1 54.3
 148 64.6 31.3 93.8



#84
 1,4-Dichlorobenzene
 Concen: 21.193 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

Tgt Ion:146 Resp: 206548
 Ion Ratio Lower Upper
 146 100
 111 37.0 17.4 52.2
 148 63.8 32.8 98.3

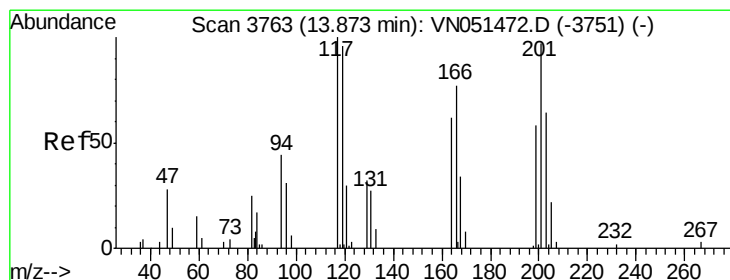
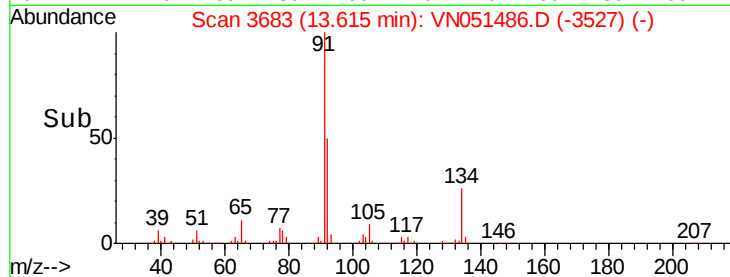
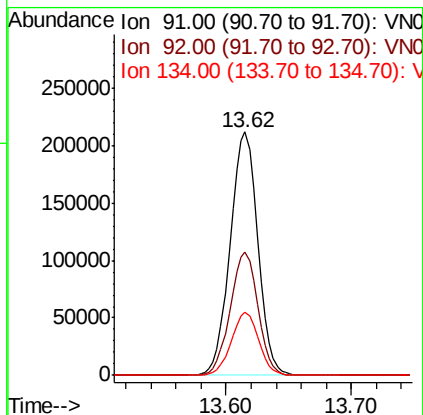
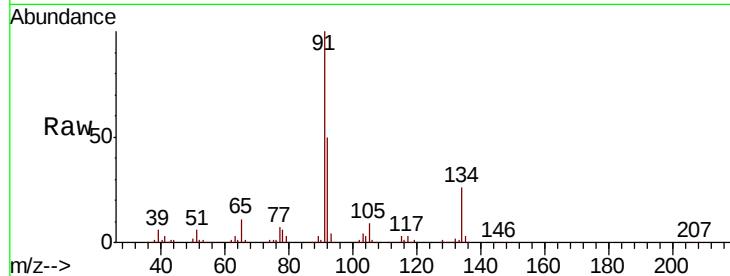




#85
n-Butylbenzene
Concen: 19.693 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

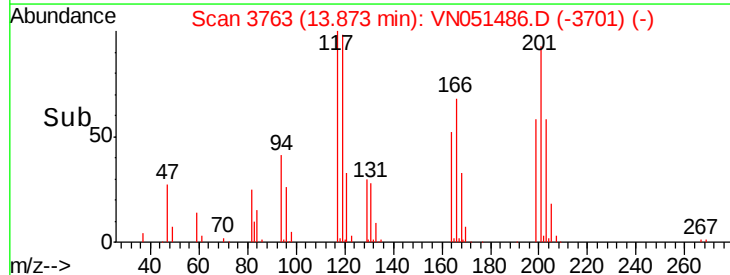
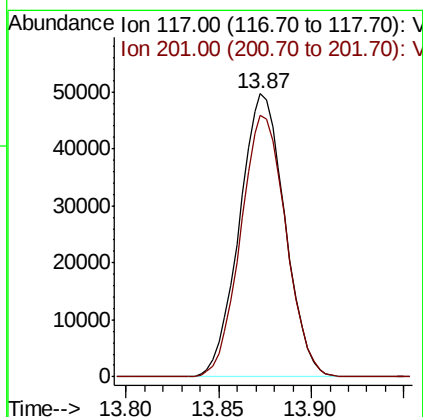
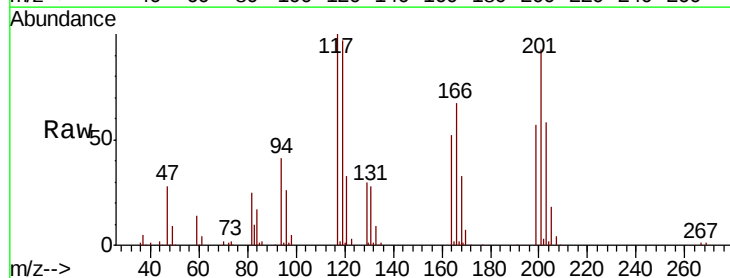
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

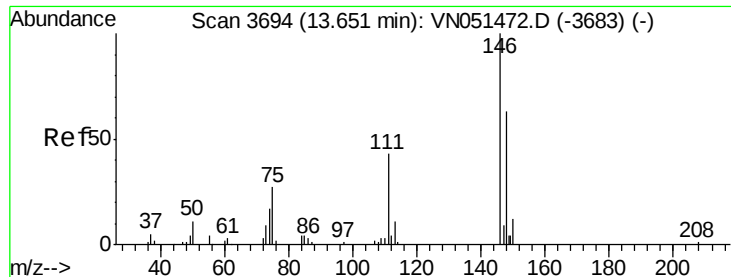
Tot Ion: 91 Resp: 323811
Ion Ratio Lower Upper
91 100
92 50.5 0.0 97.4
134 25.5 0.0 49.6



#86
Hexachloroethane
Concen: 21.127 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051486.D
Acq: 25 Sep 2018 15:44

Tgt Ion: 117 Resp: 84785
Ion Ratio Lower Upper
117 100
201 92.2 47.8 143.3





#87

1,2-Dichlorobenzene

Concen: 22.396 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

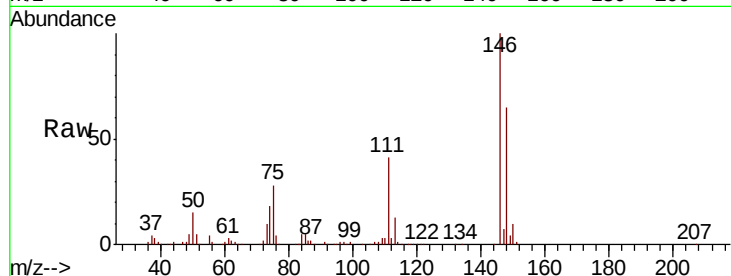
Tot Ion:146 Resp: 220321

Ion Ratio Lower Upper

146 100

111 40.3 20.8 62.2

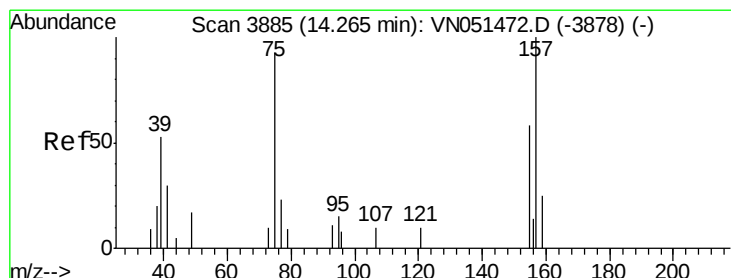
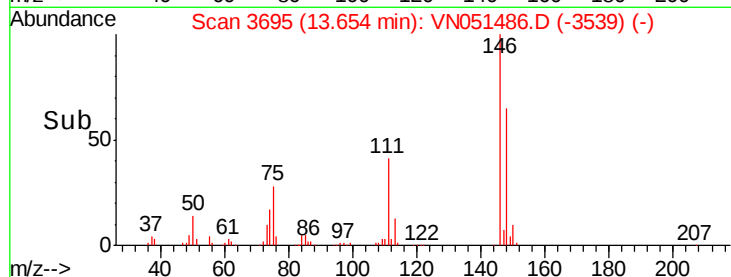
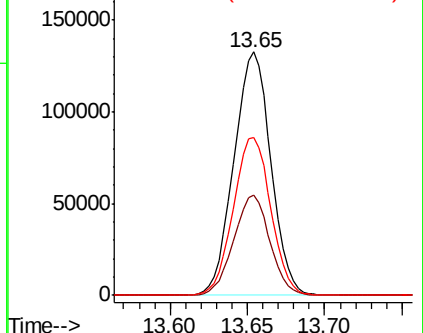
148 65.7 33.2 99.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 23.116 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

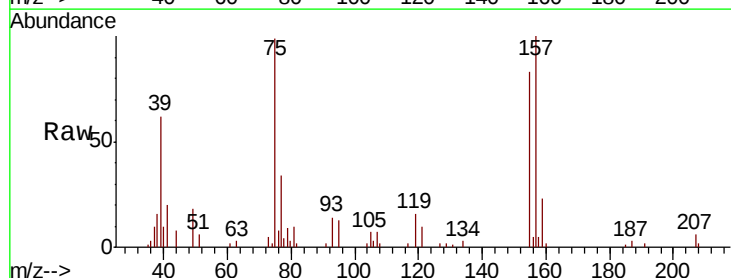
Tgt Ion: 75 Resp: 18853

Ion Ratio Lower Upper

75 100

155 85.8 57.0 85.6#

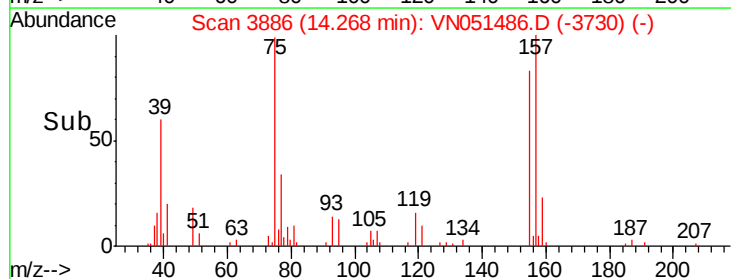
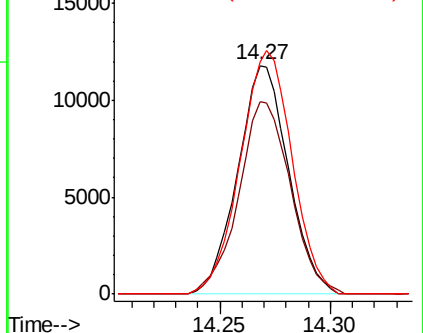
157 108.6 87.4 131.0

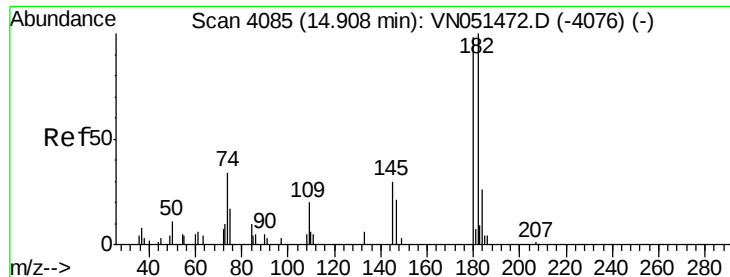


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

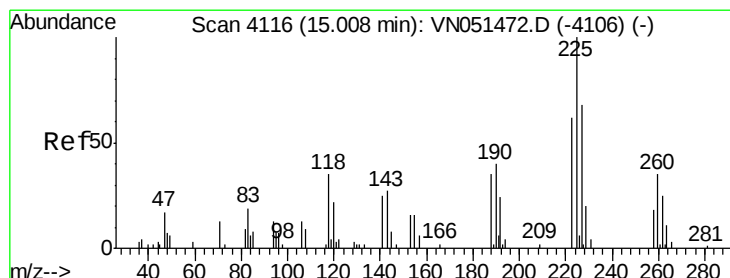
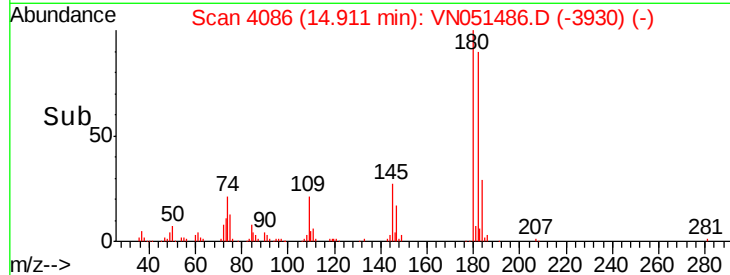
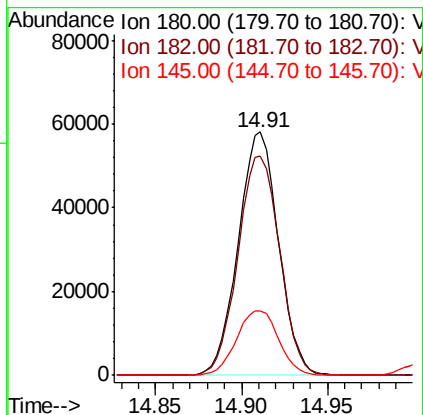
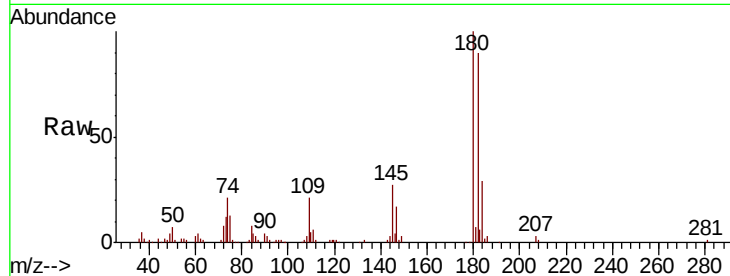




#89
 1,2,4-Trichlorobenzene
 Concen: 19.275 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

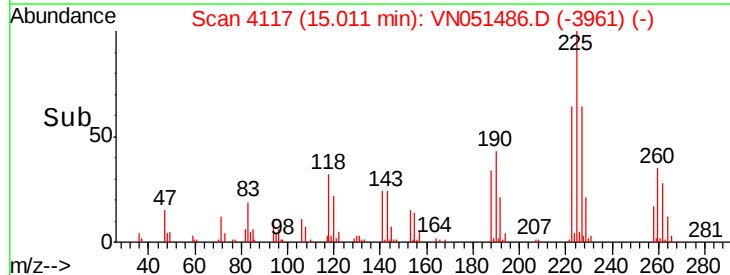
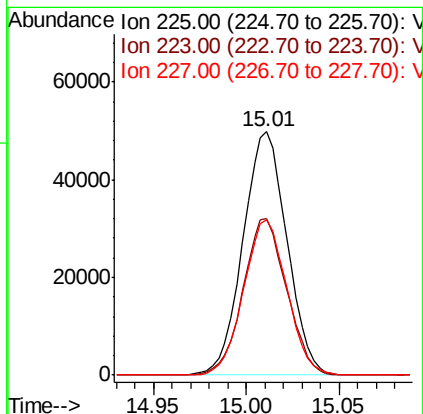
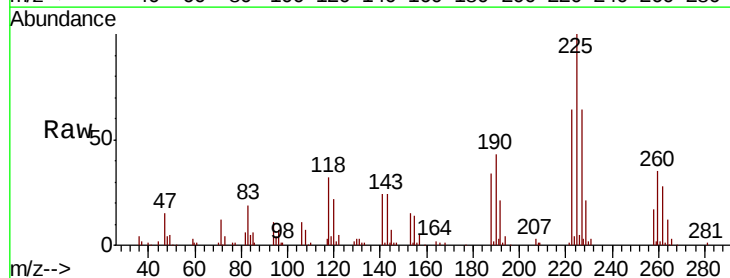
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

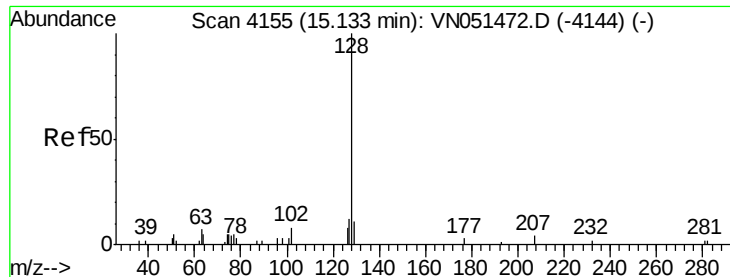
Tot Ion:180 Resp: 94450
 Ion Ratio Lower Upper
 180 100
 182 93.5 77.7 116.5
 145 27.9 23.4 35.2



#90
 Hexachlorobutadiene
 Concen: 21.586 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051486.D
 Acq: 25 Sep 2018 15:44

Tgt Ion:225 Resp: 81977
 Ion Ratio Lower Upper
 225 100
 223 63.7 0.0 117.0
 227 62.7 0.0 127.0





#91

Naphthalene

Concen: 17.675 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

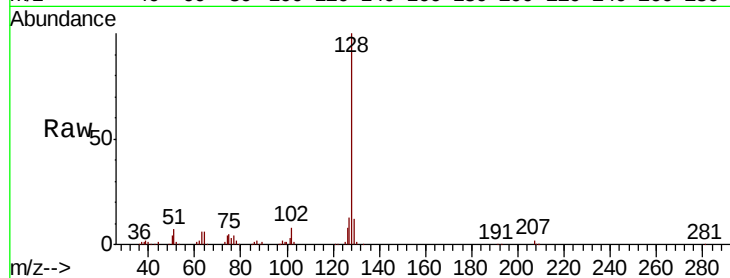
Tot Ion:128 Resp: 163423

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 10.7 8.4 12.6

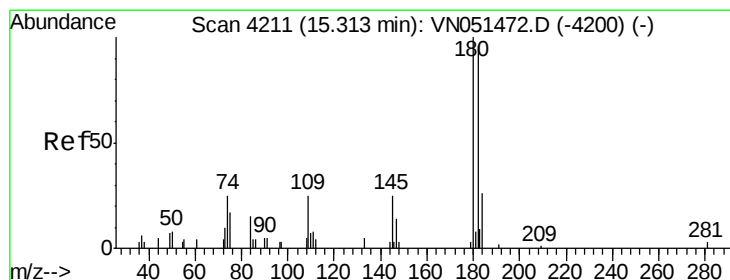
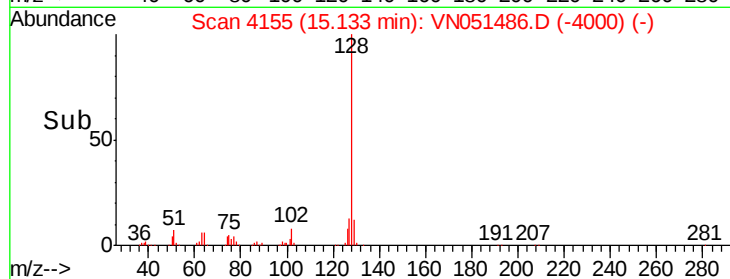
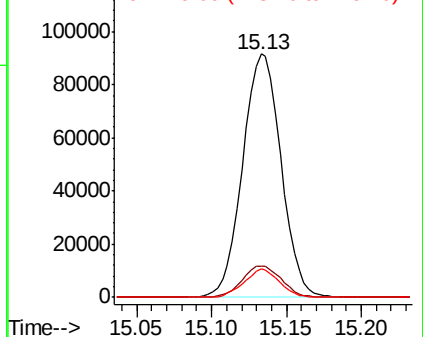


Abundance

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



#92

1,2,3-Trichlorobenzene

Concen: 19.583 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051486.D

Acq: 25 Sep 2018 15:44

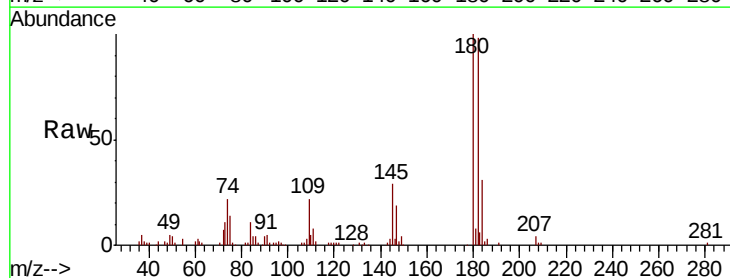
Tgt Ion:180 Resp: 96868

Ion Ratio Lower Upper

180 100

182 97.8 0.0 198.0

145 30.0 0.0 36.8



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

