

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101218\
 Data File : VN051824.D
 Acq On : 12 Oct 2018 8:38
 Operator : MD\SY
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Quant Time: Oct 22 06:56:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 12 10:23:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	140829	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	803913	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	718867	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	270880	31.61	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.37%
60) 4-Bromofluorobenzene	12.40	95	302396	29.17	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.23%
63) Toluene-d8	10.09	98	958541	30.71	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	108092	19.756	ug/l 98
3) Chloromethane	2.06	50	119237	20.621	ug/l 99
4) Vinyl Chloride	2.18	62	182212	21.101	ug/l 99
5) Bromomethane	2.57	94	152463	19.983	ug/l 91
6) Chloroethane	2.70	64	132175	21.239	ug/l 100
7) Trichlorofluoromethane	3.01	101	229621	18.651	ug/l 97
8) Diethyl Ether	3.41	74	73866	20.610	ug/l 74
9) 1,1,2-Trichlorotrifluoroet	3.76	101	145329	20.728	ug/l # 40
10) 1,1-Dichloroethene	3.73	96	134805	20.791	ug/l 85
11) Methyl Iodide	3.96	142	183219	19.438	ug/l 93
12) Methyl Acetate	4.33	43	84259	20.927	ug/l 90
13) Acrolein	3.61	56	26095	98.369	ug/l 90
14) Acrylonitrile	4.99	53	182566	101.454	ug/l # 61
15) Acetone	3.82	58	47109	105.901	ug/l 98
16) Carbon Disulfide	4.05	76	337792	19.837	ug/l 97
17) Allyl chloride	4.32	41	162133	21.062	ug/l 77
18) Methylene Chloride	4.55	84	149939	20.682	ug/l 90
19) trans-1,2-Dichloroethene	5.05	96	152366	20.580	ug/l 83
20) Diisopropyl ether	5.95	45	355279	20.723	ug/l # 85
21) 1,1-Dichloroethane	5.85	63	249503	20.828	ug/l 99
22) cis-1,2-Dichloroethene	6.83	96	174894	20.112	ug/l # 82
23) tert-Butyl Alcohol	4.79	59	47245	99.687	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	380209	20.353	ug/l # 64
25) Chloroform	7.37	83	293798	20.673	ug/l 95
26) Cyclohexane	7.65	56	209919	20.670	ug/l # 77
29) 1,1-Dichloropropene	7.80	75	206964	19.972	ug/l 95
30) 2-Butanone	6.84	43	219286	101.245	ug/l # 88
31) 2,2-Dichloropropane	6.83	77	247077	20.268	ug/l # 78
32) 1,1,1-Trichloroethane	7.57	97	271015	19.727	ug/l 95
33) Carbon Tetrachloride	7.78	117	246781	19.854	ug/l 92
34) Benzene	8.04	78	617735	20.153	ug/l # 67
35) Methacrylonitrile	7.18	41	54895	19.291	ug/l 90
36) 1,2-Dichloroethane	8.13	62	197115	20.070	ug/l 96
37) Trichloroethene	8.83	130	190432	20.013	ug/l 94
38) Methylcyclohexane	9.08	83	265139	19.949	ug/l 79
39) 1,2-Dichloropropane	9.12	63	147400	20.419	ug/l 97
40) Dibromomethane	9.21	93	104942	19.588	ug/l 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101218\
 Data File : VN051824.D
 Acq On : 12 Oct 2018 8:38
 Operator : MD\SY
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Quant Time: Oct 22 06:56:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 12 10:23:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	220136	19.893	ug/l	96
42) Vinyl Acetate	5.90	43	1229813	100.866	ug/l #	91
43) Ethyl Acetate	6.93	43	97360	20.702	ug/l	98
44) Isopropyl Acetate	8.17	43	191258	20.360	ug/l	99
45) 1,4-Dioxane	9.20	88	29936	396.890	ug/l #	76
46) Methyl methacrylate	9.20	41	87235	20.133	ug/l	76
47) n-amyl Acetate	12.25	43	2278	0.290	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	206095	19.098	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	233689	19.644	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	148535	20.066	ug/l	96
51) Ethyl methacrylate	10.43	69	166566	19.654	ug/l	87
52) 1,3-Dichloropropane	10.71	76	229399	20.079	ug/l	97
53) Dibromochloromethane	10.90	129	171705	18.750	ug/l	98
54) 1,2-Dibromoethane	11.01	107	148863	19.159	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	357811	98.764	ug/l #	94
56) Bromoform	12.13	173	104254	17.262	ug/l #	93
58) 4-Methyl-2-Pentanone	9.99	43	489126	101.676	ug/l #	87
59) 2-Hexanone	10.75	43	319299	98.384	ug/l #	89
61) Tetrachloroethene	10.63	164	187157	20.358	ug/l	98
62) Toluene	10.16	91	717524	20.092	ug/l	98
64) Chlorobenzene	11.43	112	458328	19.596	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	178750	19.911	ug/l	100
66) Ethyl Benzene	11.51	91	789134	19.994	ug/l	99
67) m/p-Xylenes	11.62	106	631911	39.490	ug/l	98
68) o-Xylene	11.95	106	310295	19.670	ug/l	91
69) Styrene	11.96	104	456696	18.869	ug/l	97
70) Isopropylbenzene	12.25	105	820919	19.515	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	164663	19.821	ug/l	96
72) 1,2,3-Trichloropropane	12.55	75	194300	29.731	ug/l	71
73) Bromobenzene	12.53	156	195971	18.808	ug/l	84
74) n-propylbenzene	12.59	91	876555	19.372	ug/l	96
75) 2-Chlorotoluene	12.68	91	518650	19.551	ug/l	95
76) 1,3,5-Trimethylbenzene	12.73	105	674680	19.395	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	38007	17.584	ug/l	96
78) 4-Chlorotoluene	12.77	91	499720	19.173	ug/l	93
79) tert-butylbenzene	12.99	119	624120	19.509	ug/l	96
80) 1,2,4-Trimethylbenzene	13.04	105	675316	19.424	ug/l	96
81) sec-Butylbenzene	13.17	105	815162	19.479	ug/l	97
82) p-Isopropyltoluene	13.29	119	707363	18.889	ug/l	97
83) 1,3-Dichlorobenzene	13.28	146	336007	18.275	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	309962	17.908	ug/l	97
85) n-Butylbenzene	13.62	91	528436	18.713	ug/l	95
86) Hexachloroethane	13.88	117	118506	18.353	ug/l	90
87) 1,2-Dichlorobenzene	13.65	146	330214	18.551	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.27	75	23495	18.938	ug/l #	79
89) 1,2,4-Trichlorobenzene	14.91	180	131737	18.941	ug/l	97
90) Hexachlorobutadiene	15.01	225	111207	19.387	ug/l	96
91) Naphthalene	15.13	128	251346	18.857	ug/l	98
92) 1,2,3-Trichlorobenzene	15.32	180	136131	16.810	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101218\
Data File : VN051824.D
Acq On : 12 Oct 2018 8:38
Operator : MD\SY
Sample : VSTDICCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Quant Time: Oct 22 06:56:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 2018
Response via : Initial Calibration

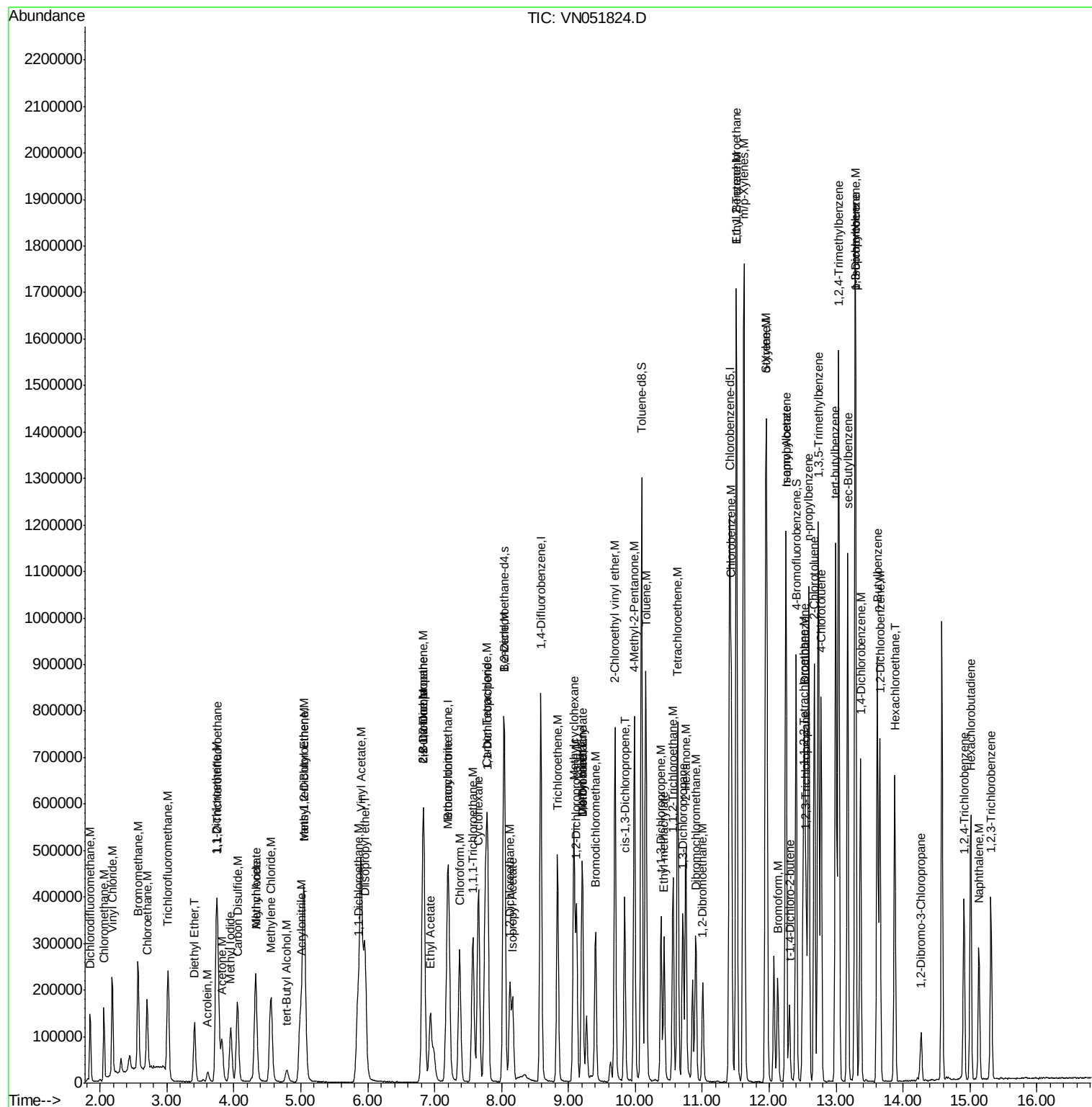
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

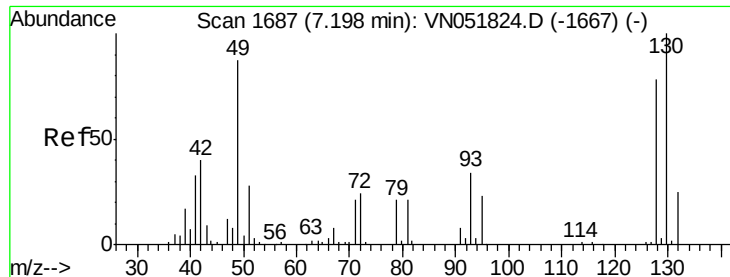
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101218\
Data File : VN051824.D
Acq On : 12 Oct 2018 8:38
Operator : MD\SY
Sample : VSTDICCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Quant Time: Oct 22 06:56:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 2018
Response via : Initial Calibration

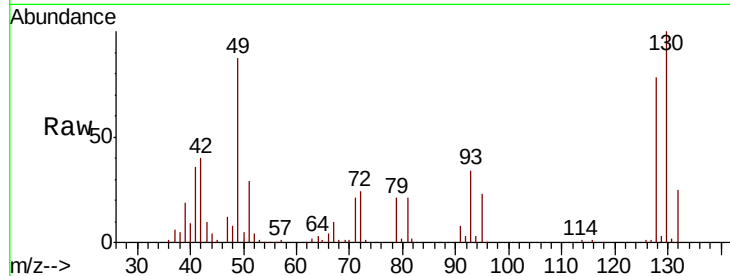




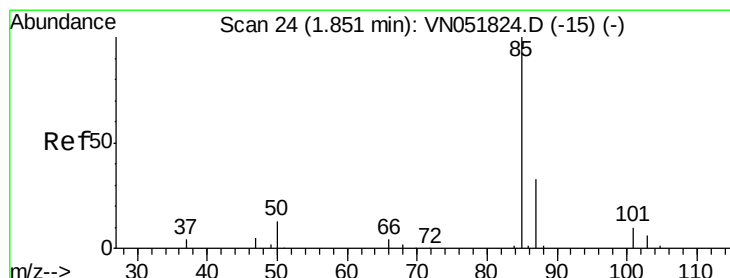
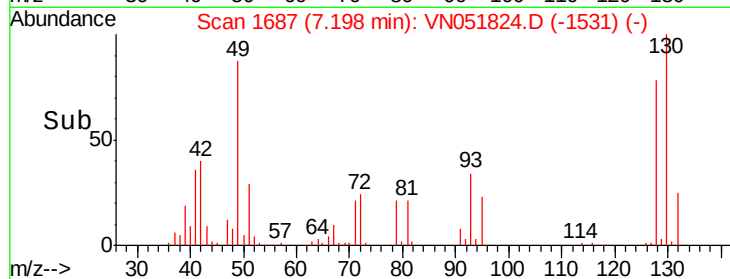
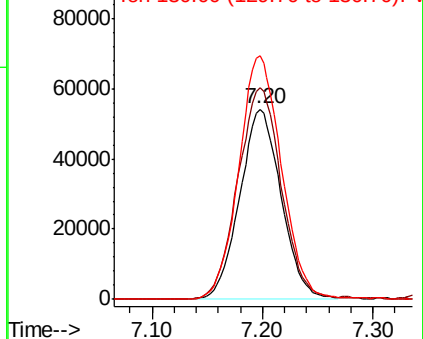
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion:128 Resp: 140829
Ion Ratio Lower Upper
128 100
49 117.1 0.0 403.3
130 131.6 0.0 326.0

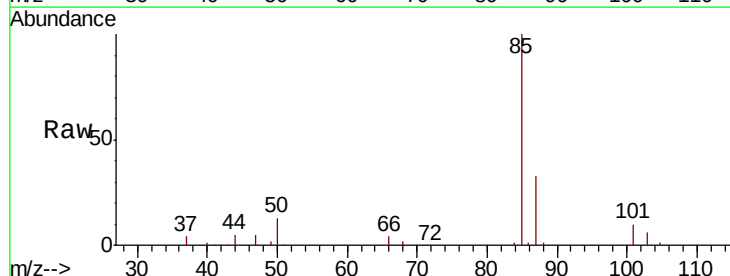


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

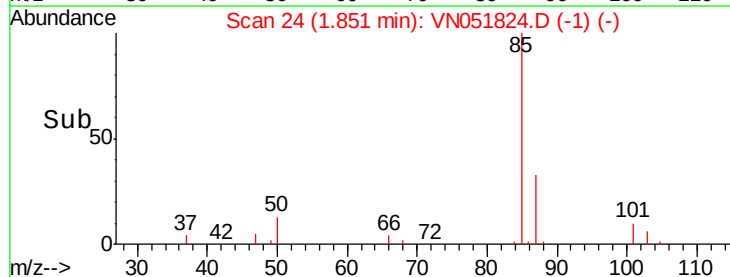
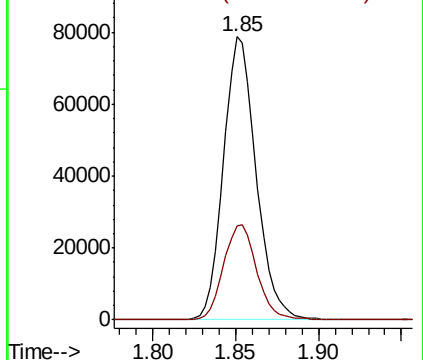


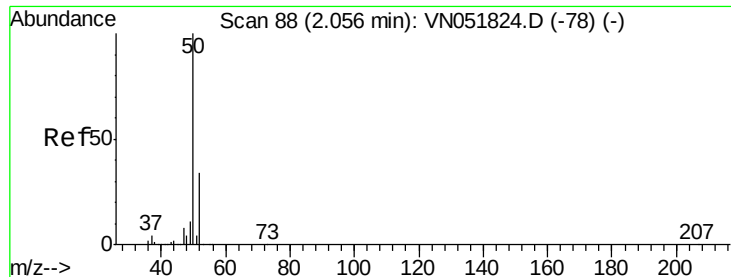
#2
Dichlorodifluoromethane
Concen: 19.756 ug/l
RT: 1.85 min Scan# 24
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

Tgt Ion: 85 Resp: 108092
Ion Ratio Lower Upper
85 100
87 33.4 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VN
Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 20.621 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampleId :

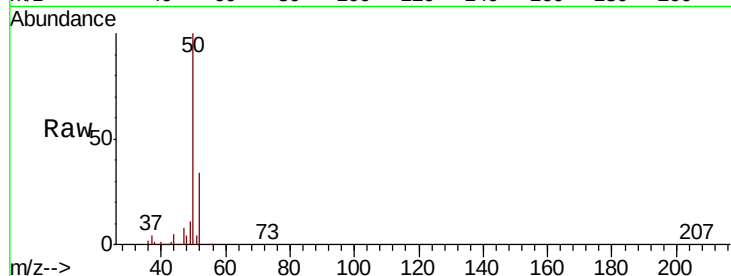
VSTDICCC020

Tot Ion: 50 Resp: 119237

Ion Ratio Lower Upper

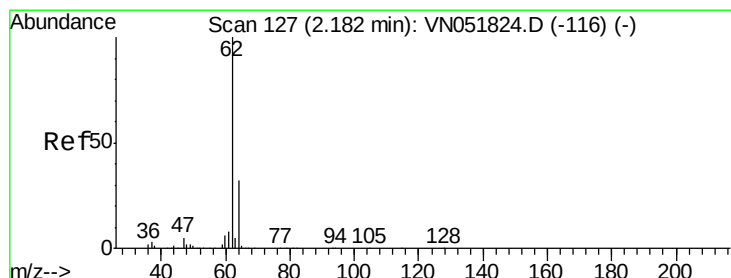
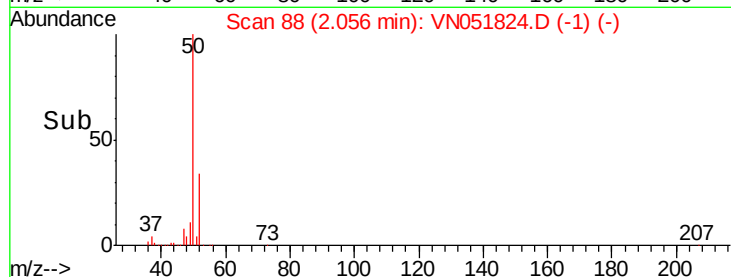
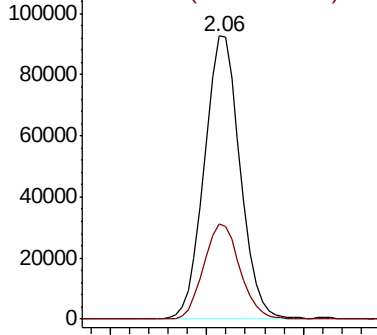
50 100

52 33.7 27.2 40.8



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 21.101 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN051824.D

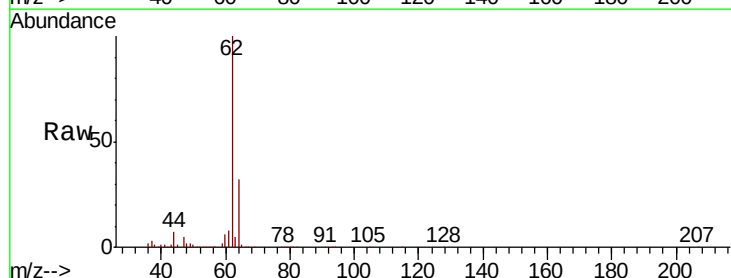
Acq: 12 Oct 2018 8:38

Tgt Ion: 62 Resp: 182212

Ion Ratio Lower Upper

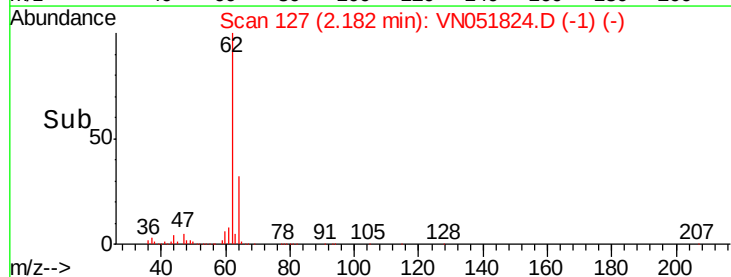
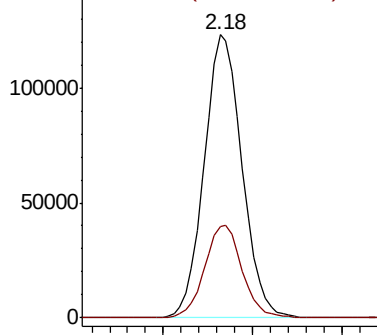
62 100

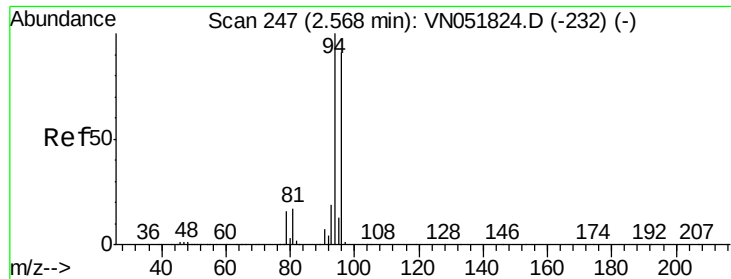
64 32.5 25.4 38.2



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 19.983 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampleId :

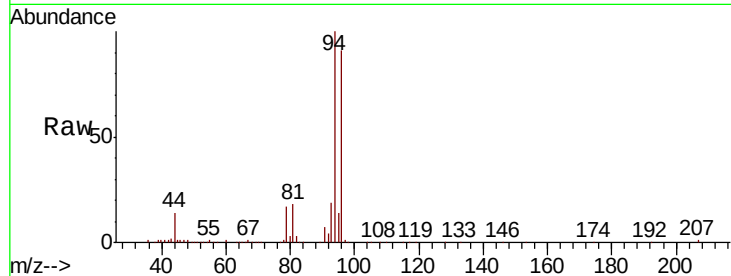
VSTDICCC020

Tot Ion: 94 Resp: 152463

Ion Ratio Lower Upper

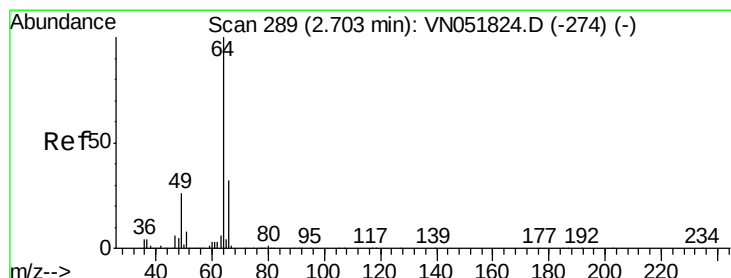
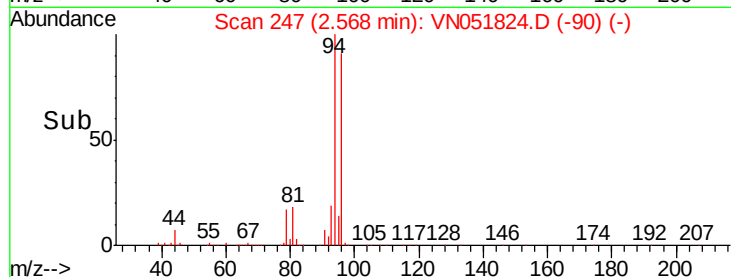
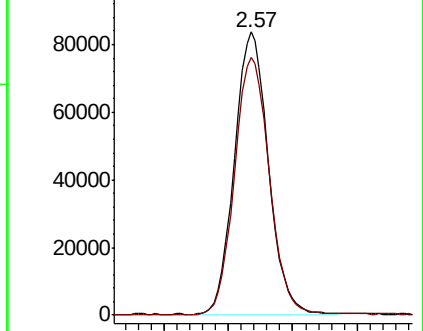
94 100

96 91.0 66.4 99.6



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 21.239 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN051824.D

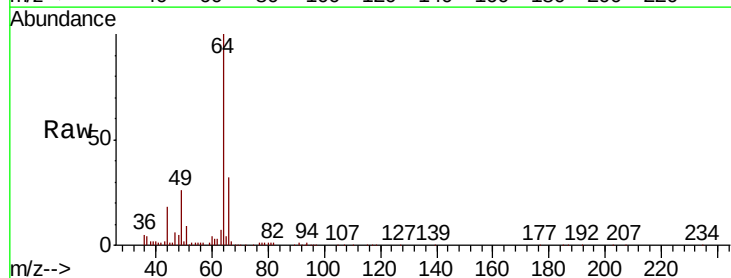
Acq: 12 Oct 2018 8:38

Tgt Ion: 64 Resp: 132175

Ion Ratio Lower Upper

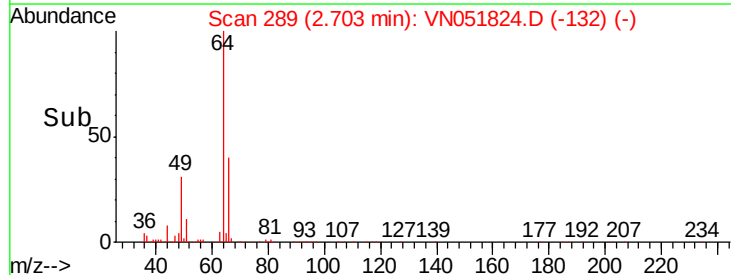
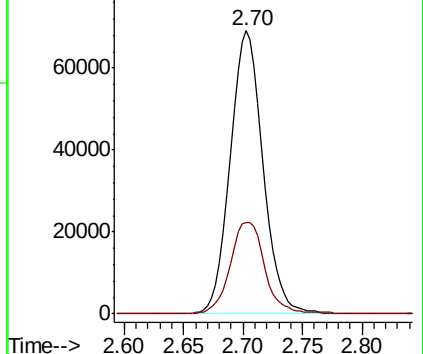
64 100

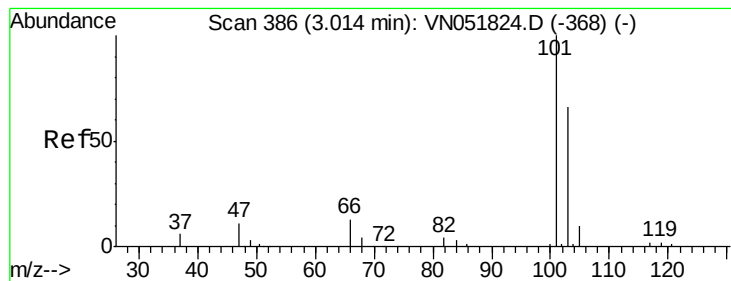
66 32.2 25.8 38.6



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



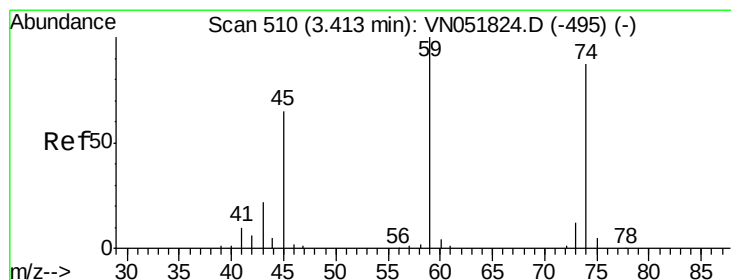
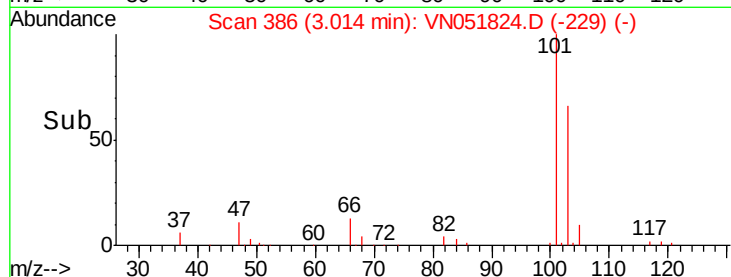
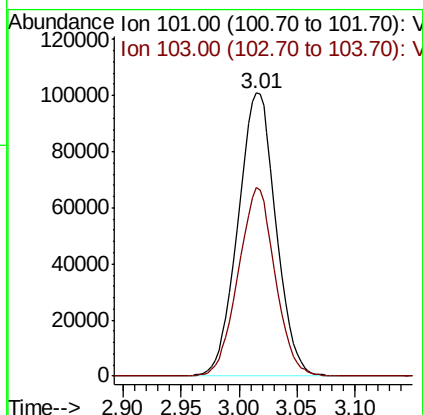
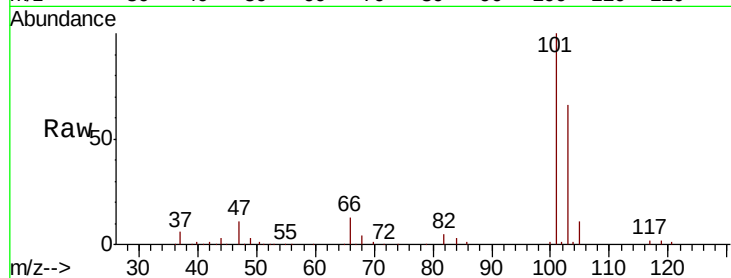


#7

Trichlorofluoromethane
 Concen: 18.651 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VN051824.D
 Acq: 12 Oct 2018 8:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

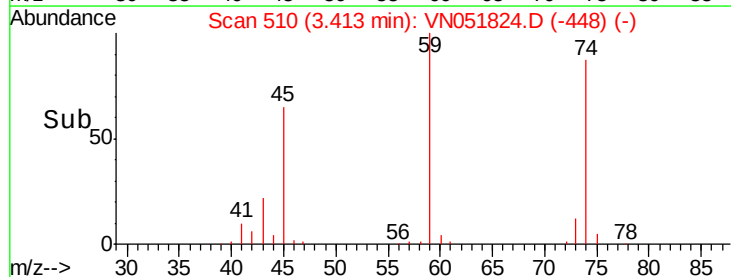
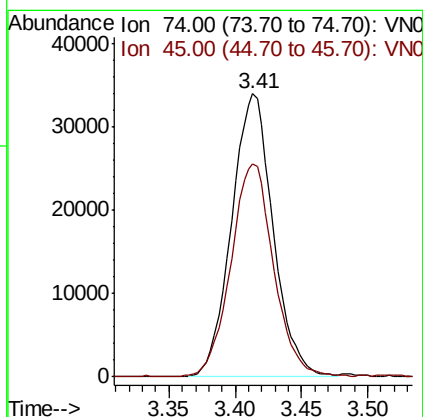
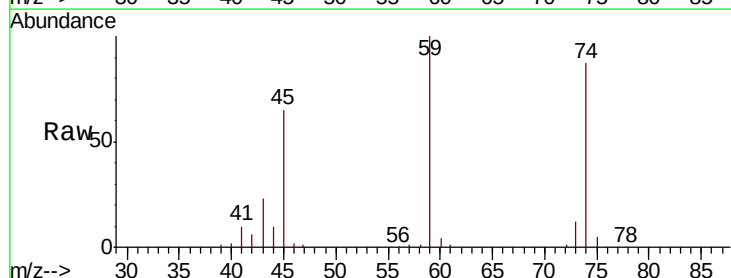
Tot Ion:101 Resp: 229621
 Ion Ratio Lower Upper
 101 100
 103 66.4 54.8 82.2

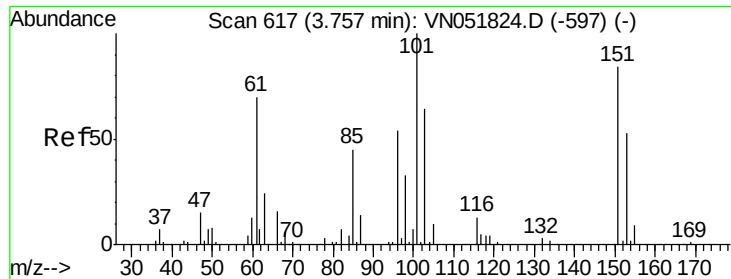


#8

Diethyl Ether
 Concen: 20.610 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN051824.D
 Acq: 12 Oct 2018 8:38

Tgt Ion: 74 Resp: 73866
 Ion Ratio Lower Upper
 74 100
 45 77.5 20.7 186.5

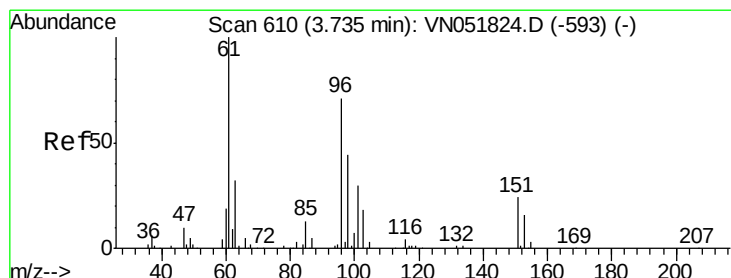
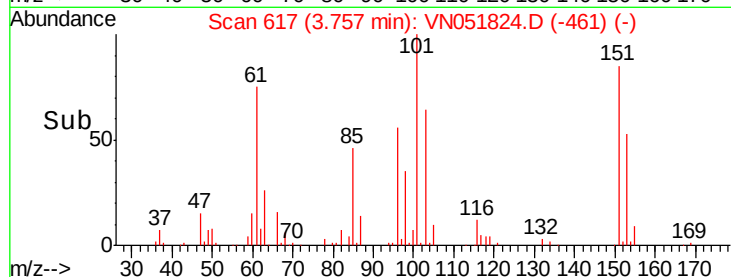
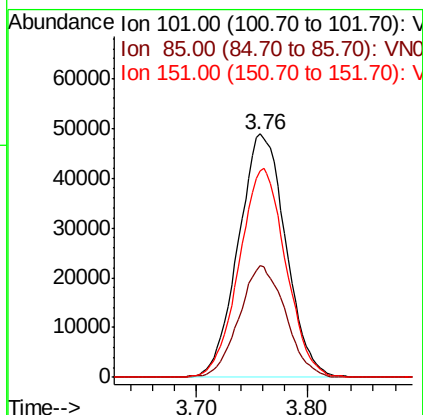
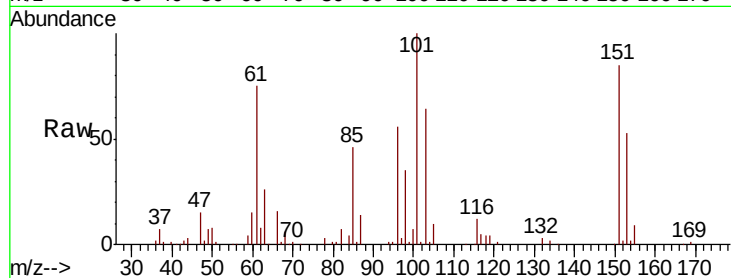




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.728 ug/l
 RT: 3.76 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: VN051824.D
 Acq: 12 Oct 2018 8:38

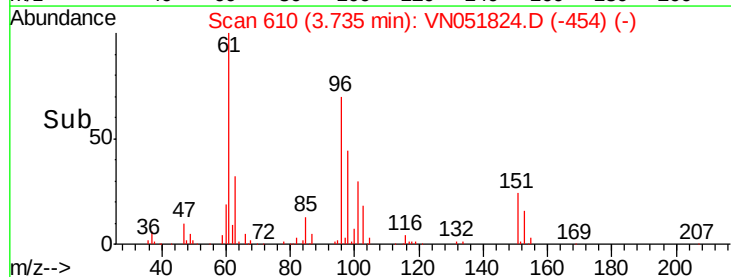
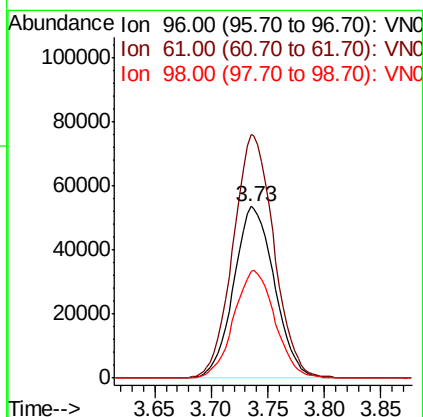
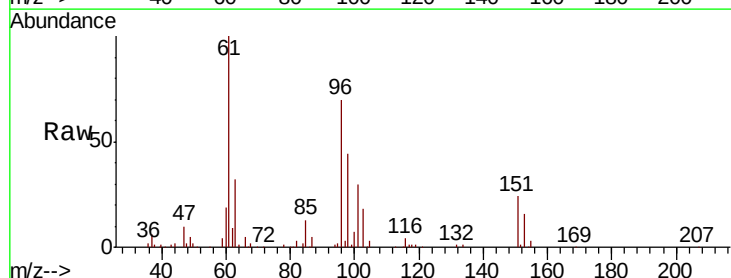
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

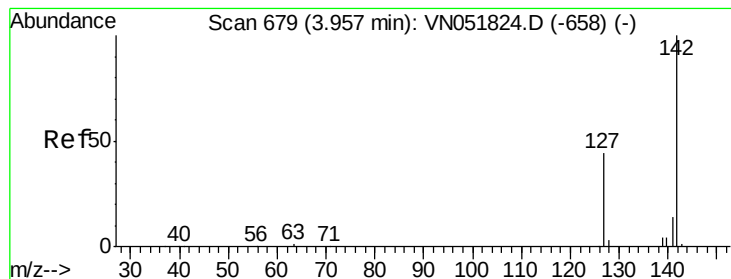
Tot Ion:101 Resp: 145329
 Ion Ratio Lower Upper
 101 100
 85 44.8 0.0 46.0
 151 84.3 0.0 82.2#



#10
 1,1-Dichloroethene
 Concen: 20.791 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN051824.D
 Acq: 12 Oct 2018 8:38

Tgt Ion: 96 Resp: 134805
 Ion Ratio Lower Upper
 96 100
 61 141.4 133.0 199.6
 98 61.9 52.6 78.8

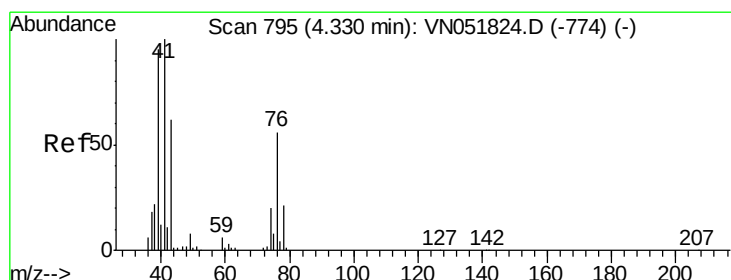
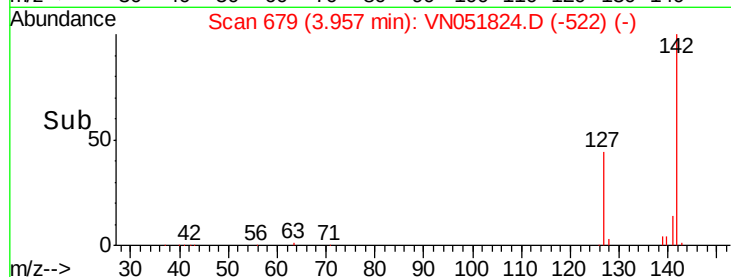
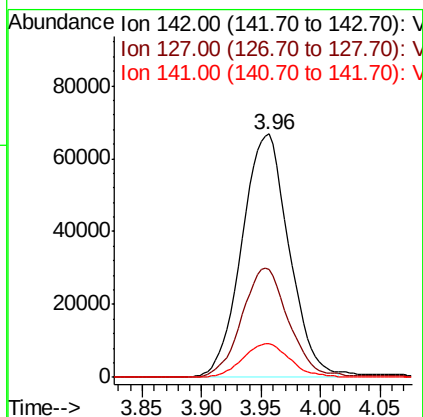
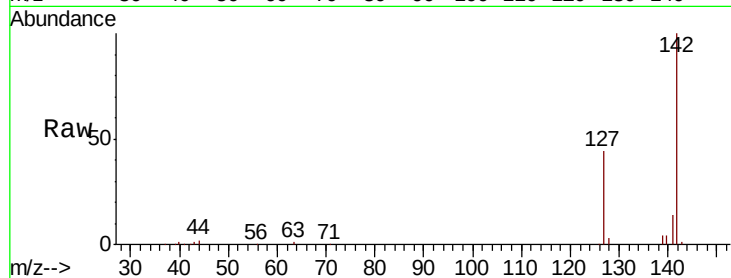




#11
Methyl Iodide
Concen: 19.438 ug/l
RT: 3.96 min Scan# 679
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

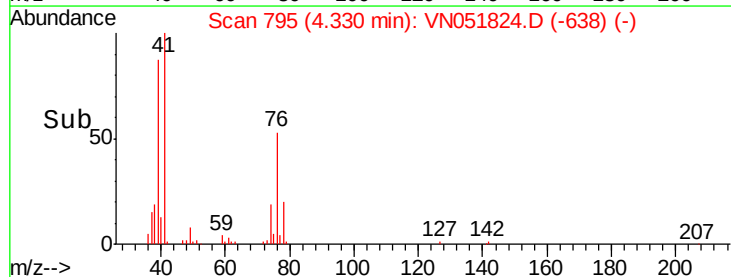
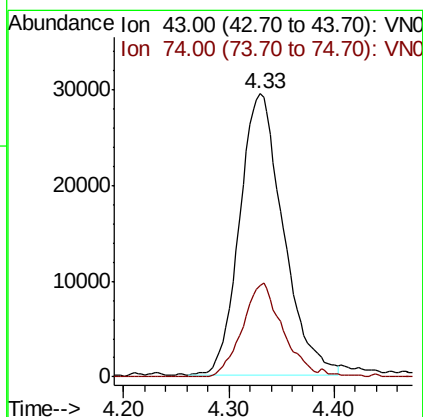
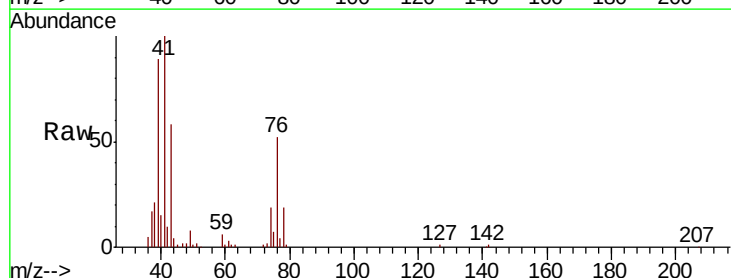
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

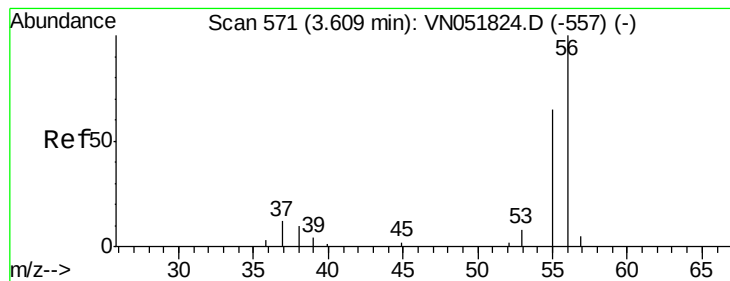
Tot Ion:142 Resp: 183219
Ion Ratio Lower Upper
142 100
127 44.1 19.7 59.0
141 14.0 6.3 18.9



#12
Methyl Acetate
Concen: 20.927 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

Tgt Ion: 43 Resp: 84259
Ion Ratio Lower Upper
43 100
74 32.5 21.8 32.6





#13

Acrolein

Concen: 98.369 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampleId :

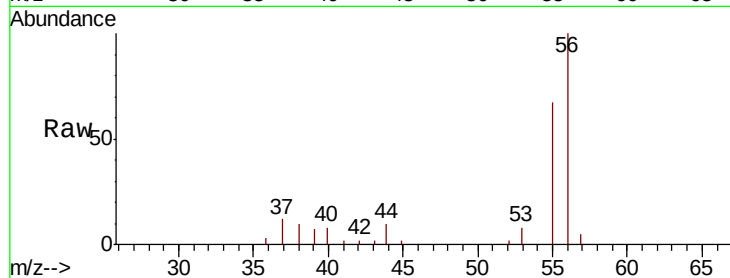
VSTDICCC020

Tot Ion: 56 Resp: 26095

Ion Ratio Lower Upper

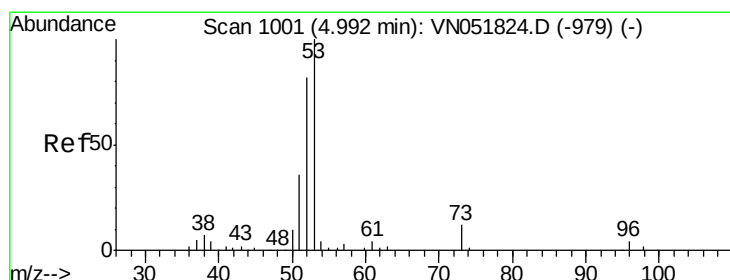
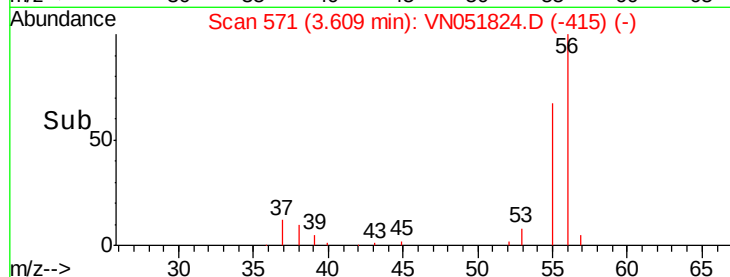
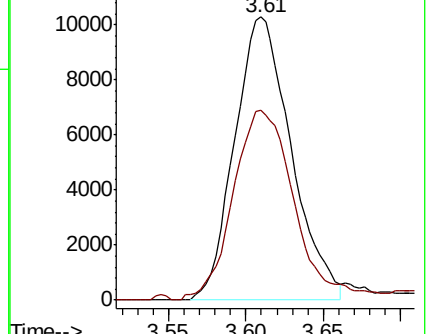
56 100

55 71.3 64.0 96.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 101.454 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

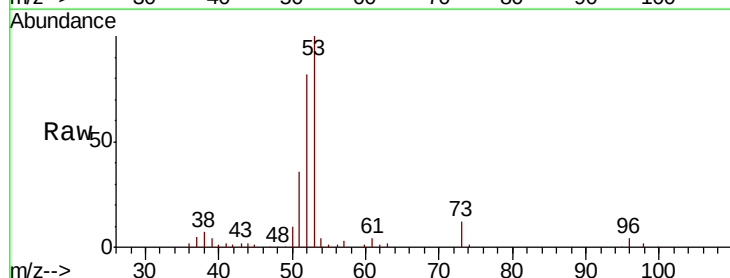
Tgt Ion: 53 Resp: 182566

Ion Ratio Lower Upper

53 100

52 81.7 18.3 54.8#

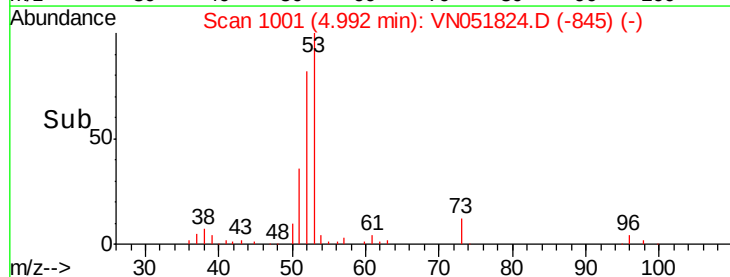
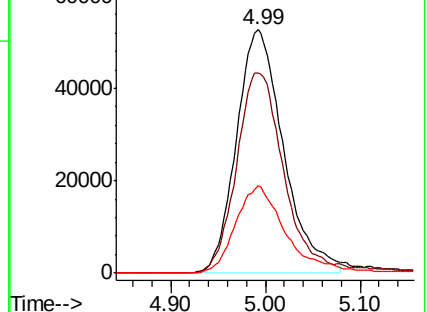
51 36.5 19.7 59.1

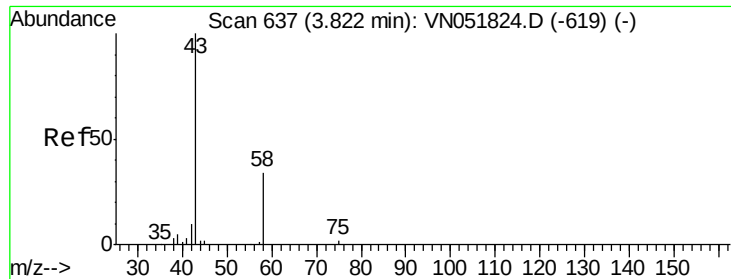


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 105.901 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampleId :

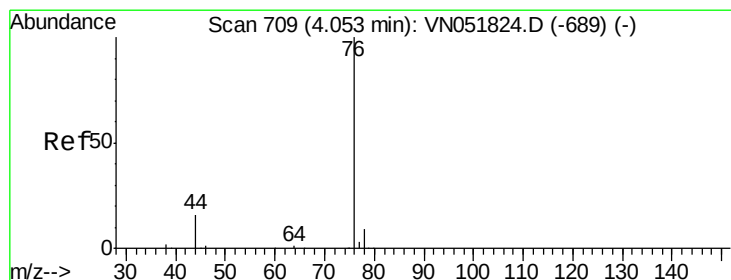
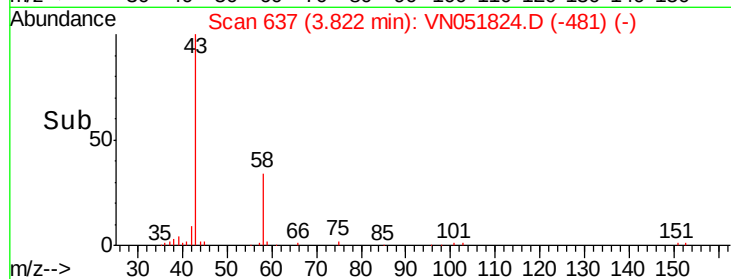
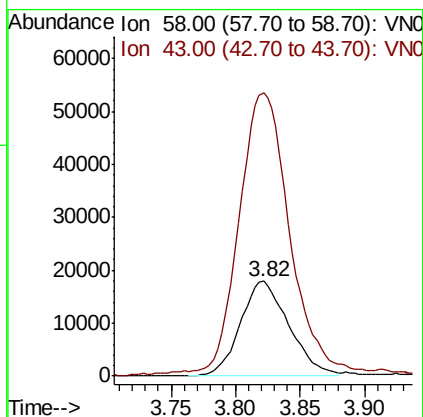
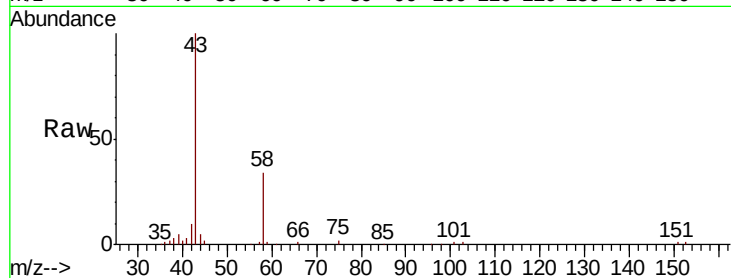
VSTDICCC020

Tot Ion: 58 Resp: 47109

Ion Ratio Lower Upper

58 100

43 293.2 232.2 348.2



#16

Carbon Disulfide

Concen: 19.837 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN051824.D

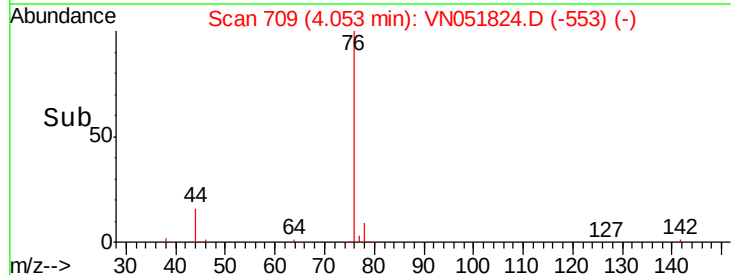
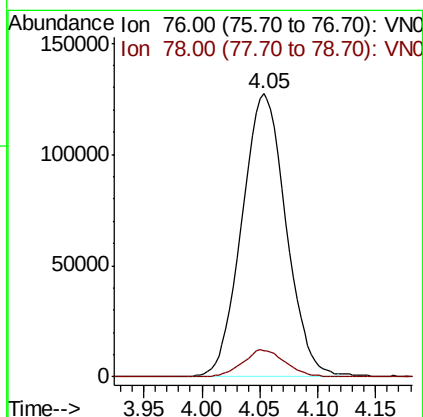
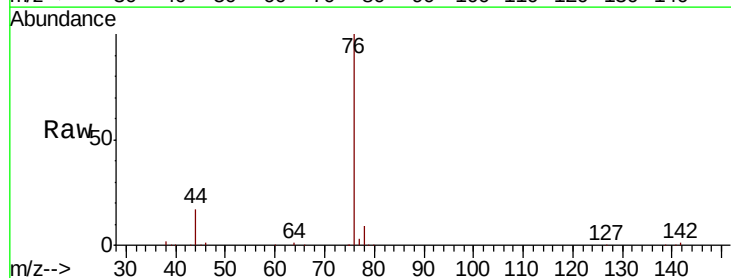
Acq: 12 Oct 2018 8:38

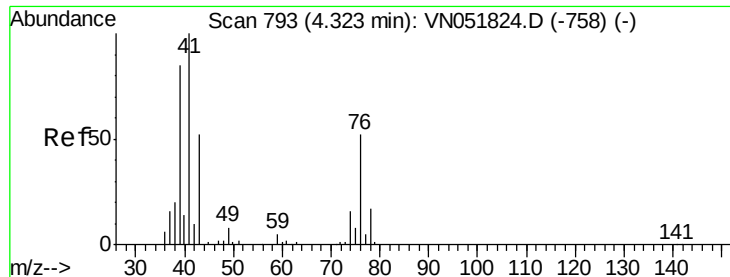
Tgt Ion: 76 Resp: 337792

Ion Ratio Lower Upper

76 100

78 9.4 6.7 10.1

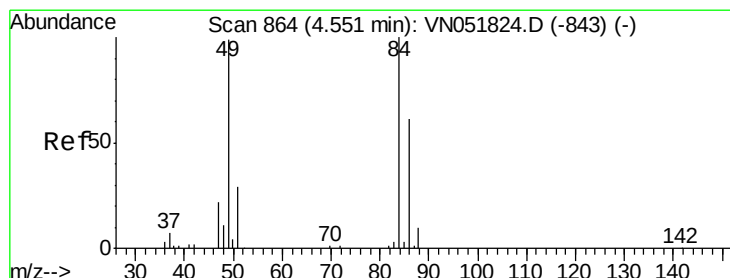
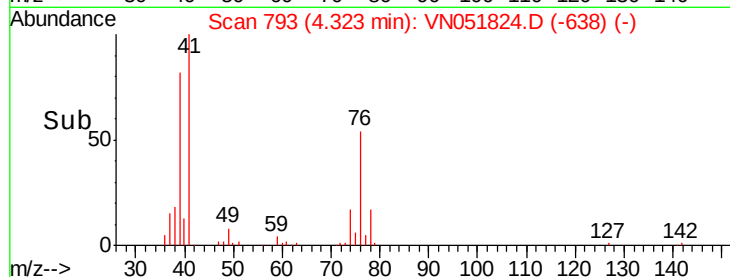
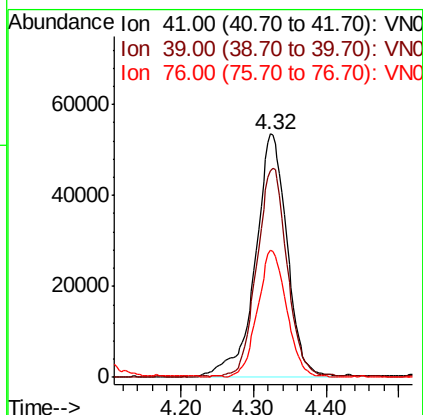
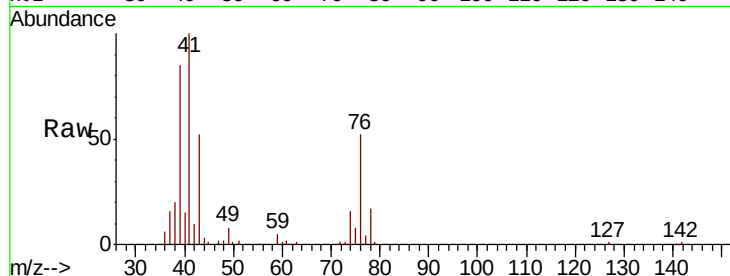




#17
Allvl chloride
Concen: 21.062 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

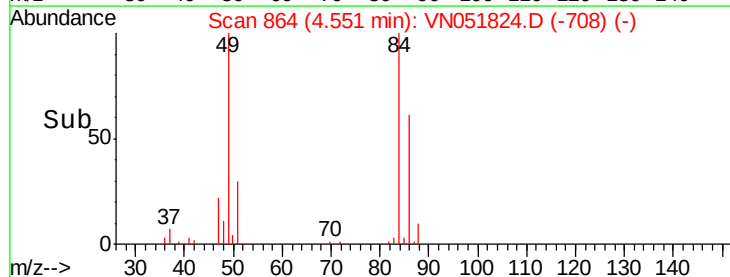
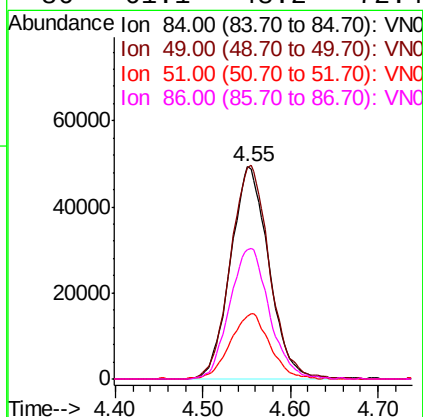
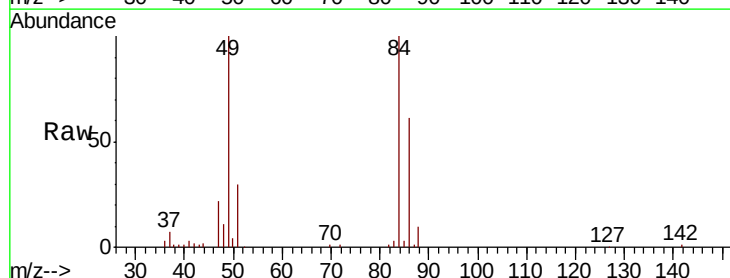
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

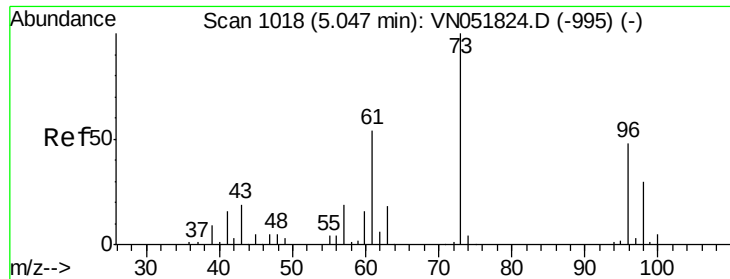
Tot Ion: 41 Resp: 162133
Ion Ratio Lower Upper
41 100
39 85.0 32.6 97.8
76 52.3 20.2 60.5



#18
Methylene Chloride
Concen: 20.682 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

Tgt Ion: 84 Resp: 149939
Ion Ratio Lower Upper
84 100
49 99.4 91.6 137.4
51 29.8 29.8 44.6
86 61.1 48.2 72.4

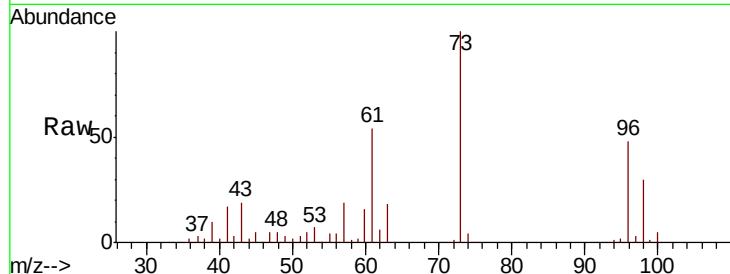




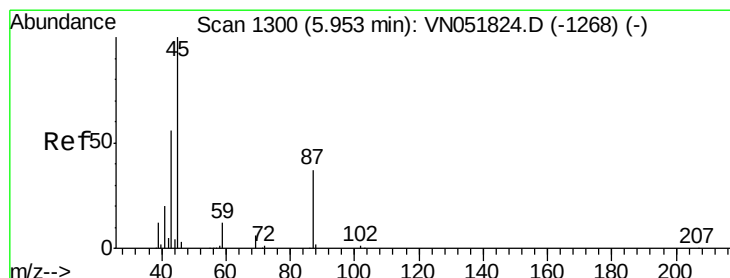
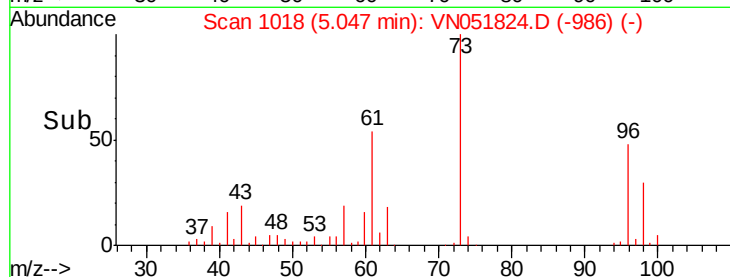
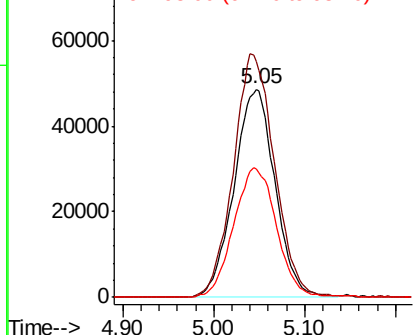
#19
trans-1,2-Dichloroethene
Concen: 20.580 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion: 96 Resp: 152366
Ion Ratio Lower Upper
96 100
61 112.9 112.3 168.5
98 62.1 47.1 70.7

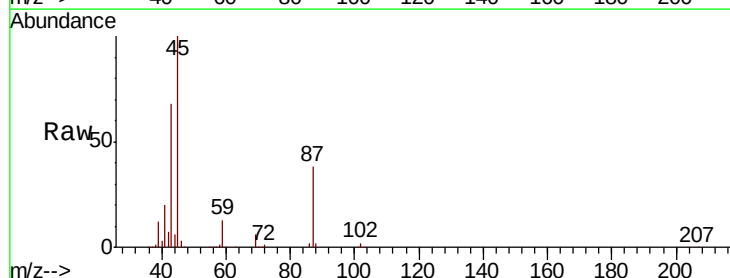


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

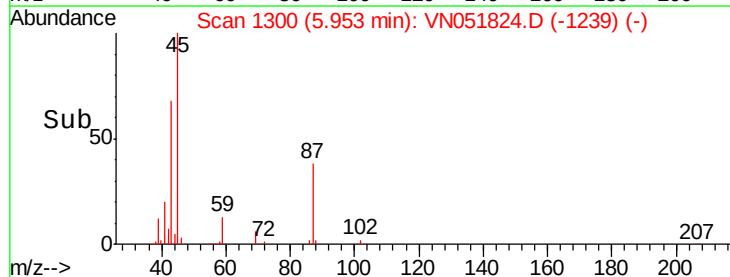
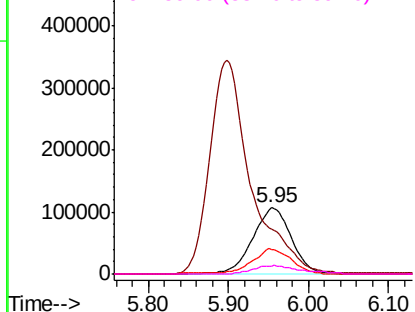


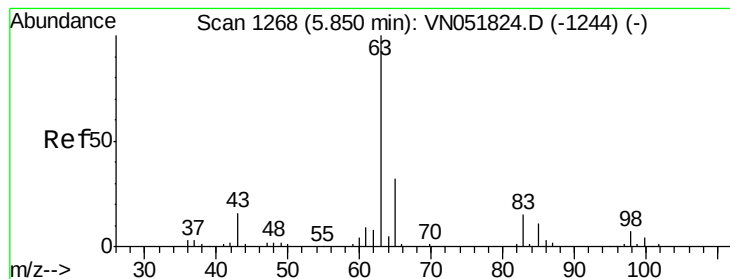
#20
Diisopropyl ether
Concen: 20.723 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

Tgt Ion: 45 Resp: 355279
Ion Ratio Lower Upper
45 100
43 65.5 62.1 93.1
87 37.4 19.9 29.9#
59 12.2 9.8 14.6



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#21

1,1-Dichloroethane

Concen: 20.828 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

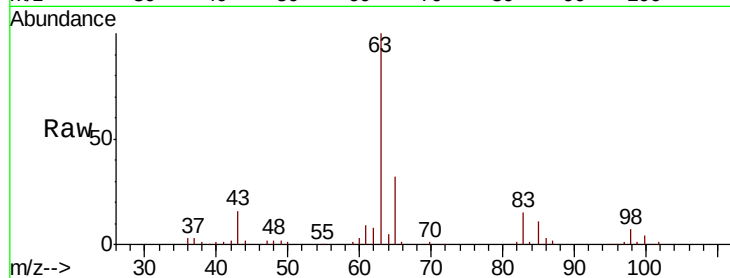
Tot Ion: 63 Resp: 249503

Ion Ratio Lower Upper

63 100

98 8.0 4.1 12.3

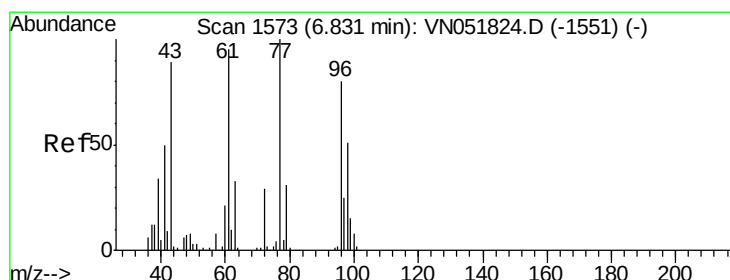
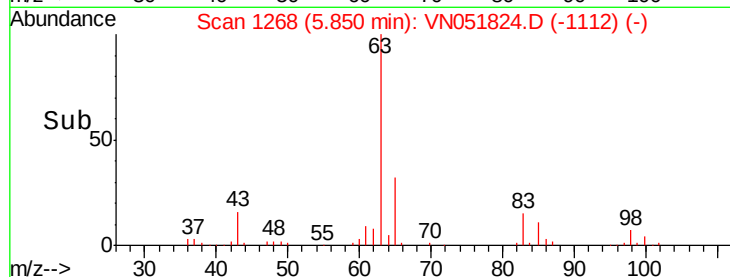
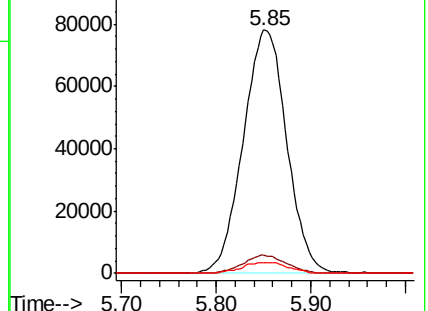
100 4.4 1.6 4.7



Abundance Ion 63.00 (62.70 to 63.70): VN051824.D (-1244) (-)

Ion 98.00 (97.70 to 98.70): VN051824.D (-1244) (-)

Ion 100.00 (99.70 to 100.70): VN051824.D (-1244) (-)



#22

cis-1,2-Dichloroethene

Concen: 20.112 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

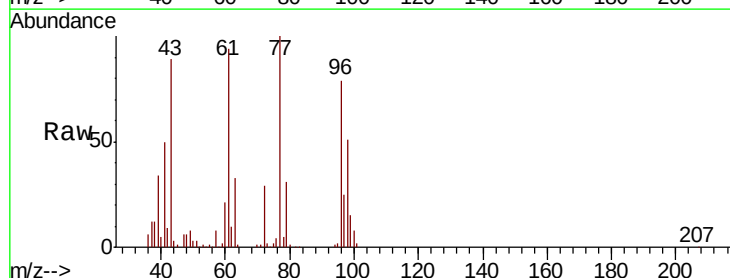
Tgt Ion: 96 Resp: 174894

Ion Ratio Lower Upper

96 100

61 123.8 124.5 186.7#

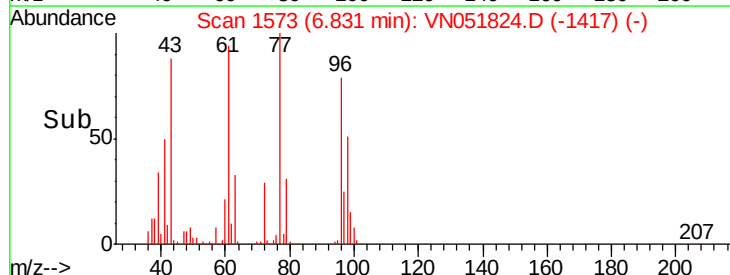
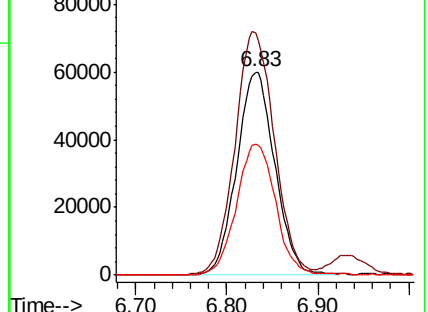
98 65.7 51.9 77.9

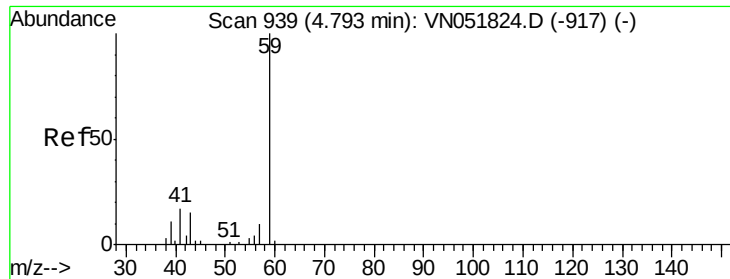


Abundance Ion 96.00 (95.70 to 96.70): VN051824.D (-1551) (-)

Ion 61.00 (60.70 to 61.70): VN051824.D (-1551) (-)

Ion 98.00 (97.70 to 98.70): VN051824.D (-1551) (-)

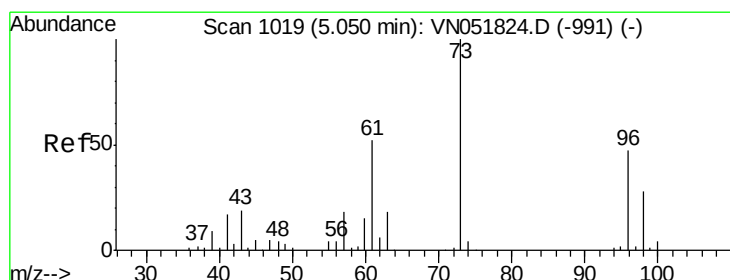
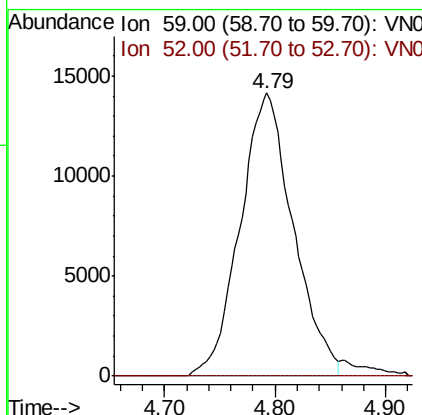
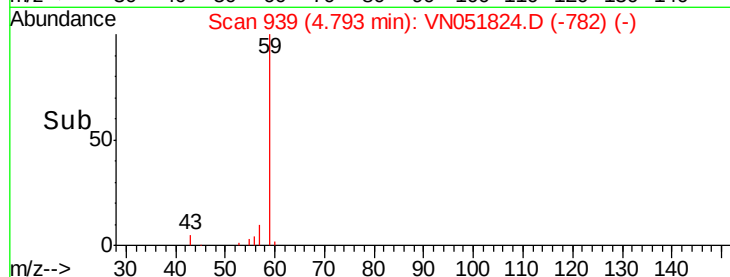
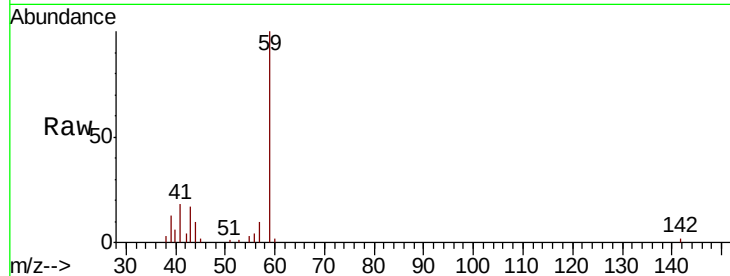




#23
tert-Butyl Alcohol
Concen: 99.687 ug/l
RT: 4.79 min Scan# 939
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

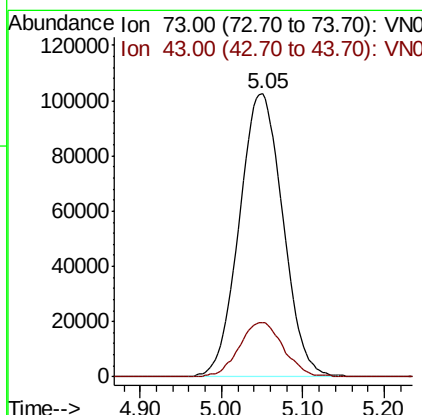
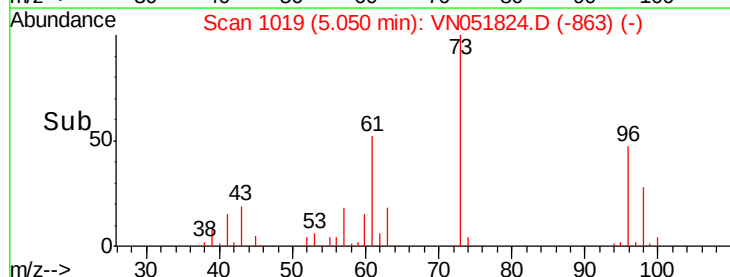
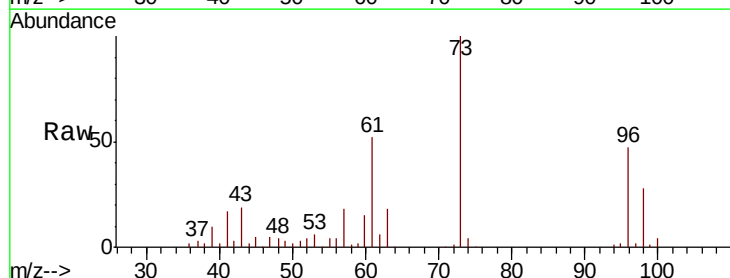
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

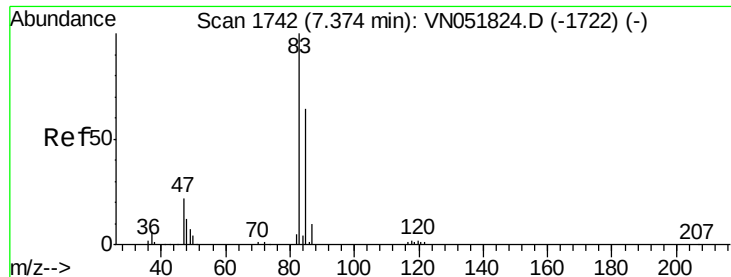
Tot Ion: 59 Resp: 47245
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 20.353 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

Tgt Ion: 73 Resp: 380209
Ion Ratio Lower Upper
73 100
43 18.9 5.4 8.0#





#25

Chloroform

Concen: 20.673 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampled :

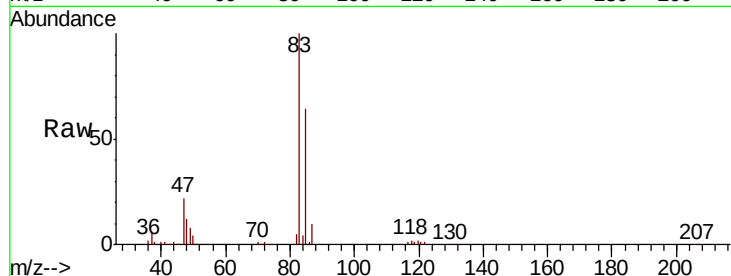
VSTDICCC020

Tot Ion: 83 Resp: 293798

Ion Ratio Lower Upper

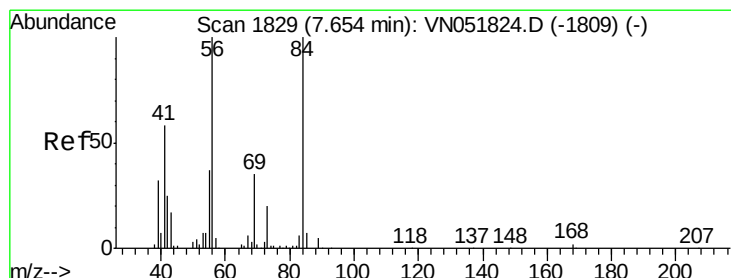
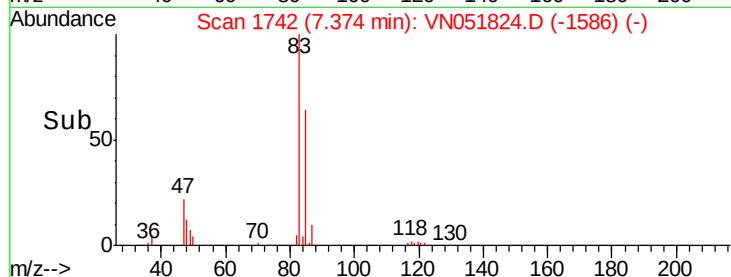
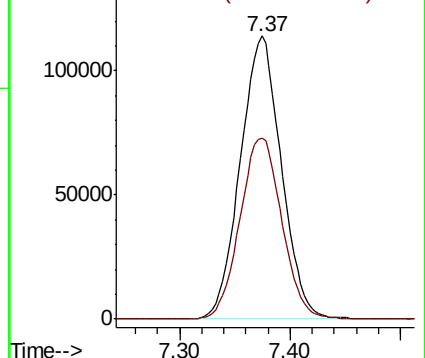
83 100

85 64.0 54.6 82.0



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#26

Cyclohexane

Concen: 20.670 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

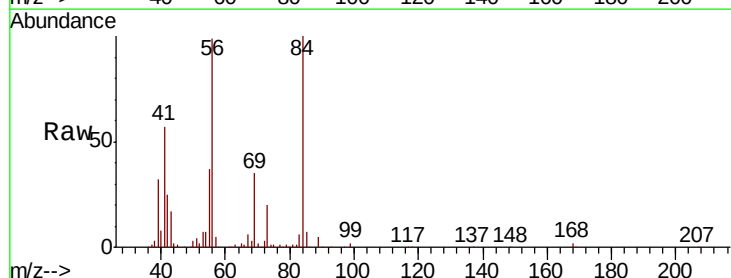
Tgt Ion: 56 Resp: 209919

Ion Ratio Lower Upper

56 100

89 4.2 1.5 2.3#

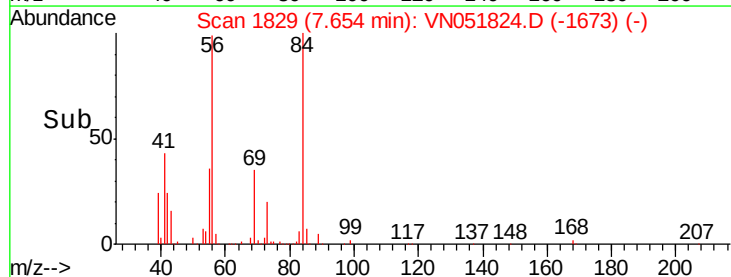
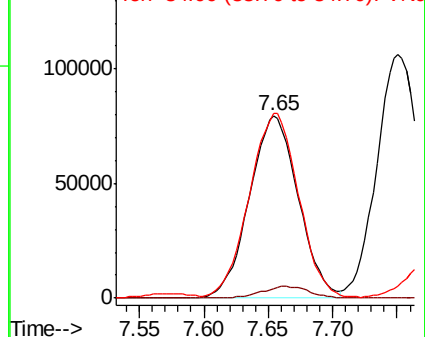
84 100.9 64.2 96.4#

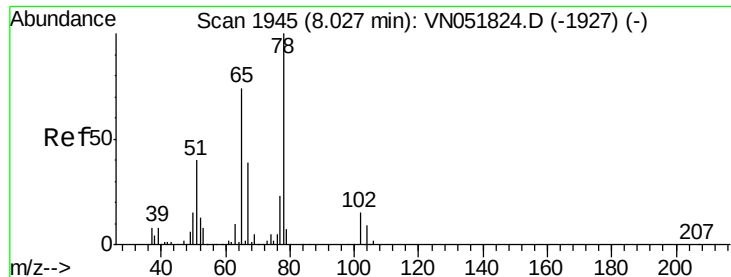


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 89.00 (88.70 to 89.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

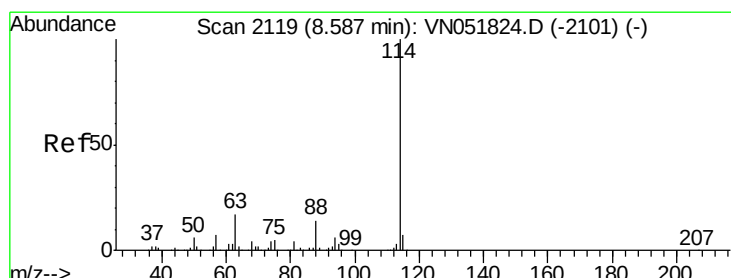
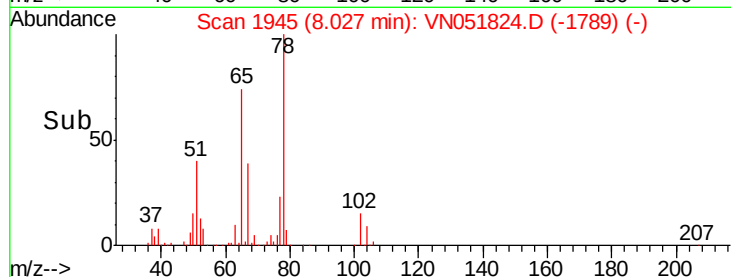
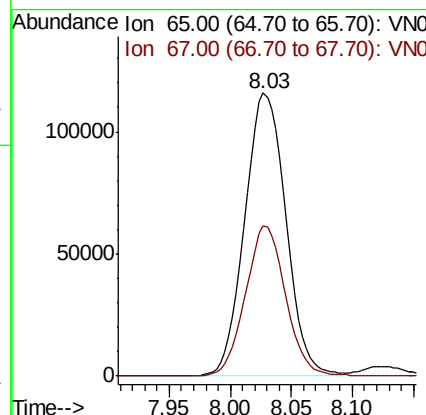
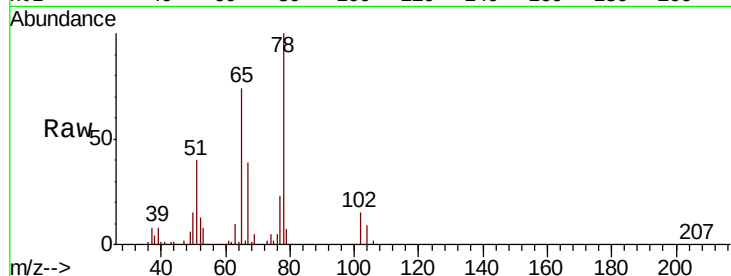




#27
 1,2-Dichloroethane-d4
 Concen: 20.670 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051824.D
 Acq: 12 Oct 2018 8:38

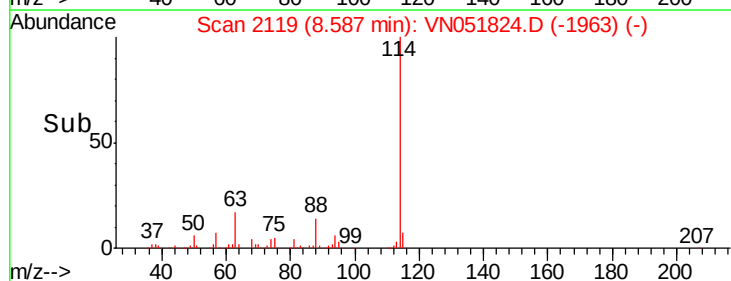
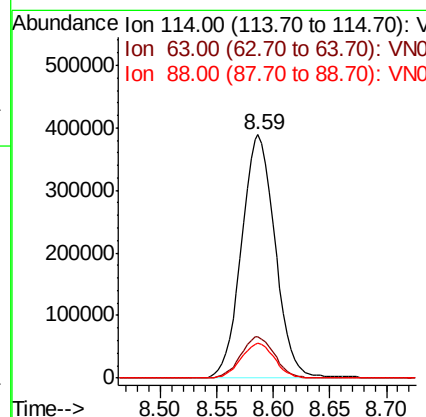
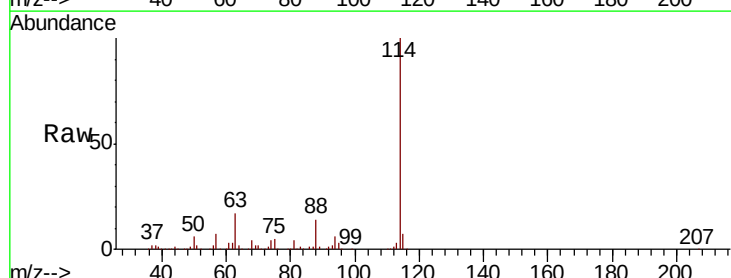
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

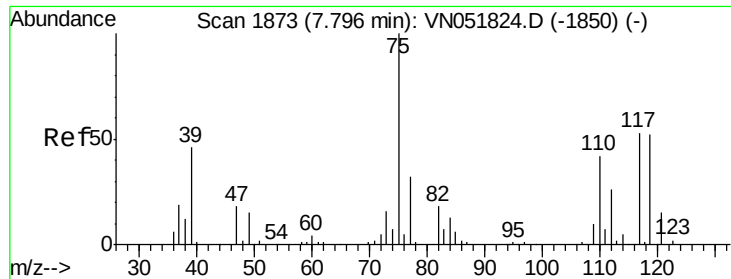
Tot Ion: 65 Resp: 270880
 Ion Ratio Lower Upper
 65 100
 67 51.6 41.8 62.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051824.D
 Acq: 12 Oct 2018 8:38

Tgt Ion: 114 Resp: 803913
 Ion Ratio Lower Upper
 114 100
 63 17.1 16.2 24.2
 88 14.4 12.2 18.4

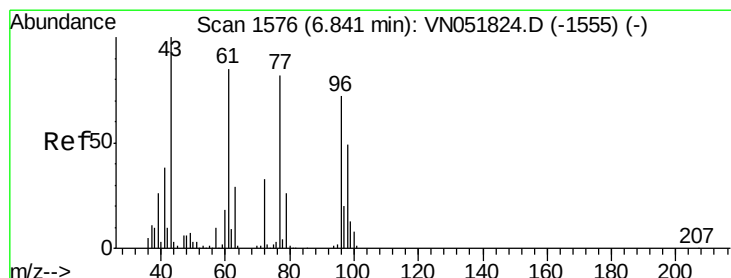
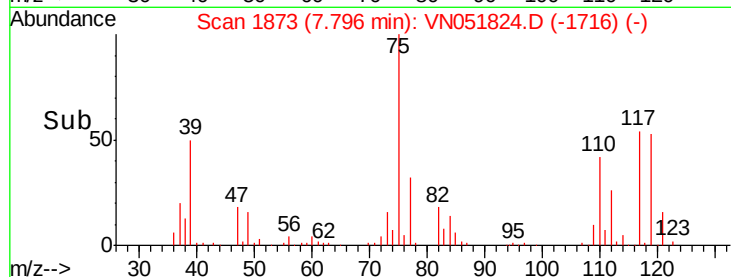
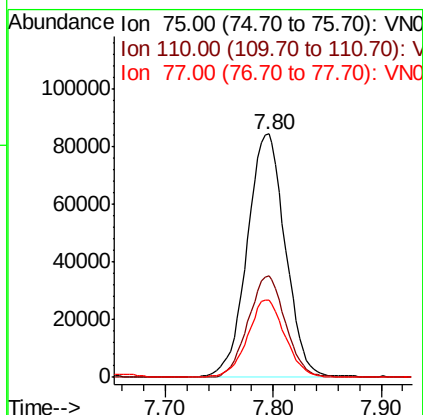
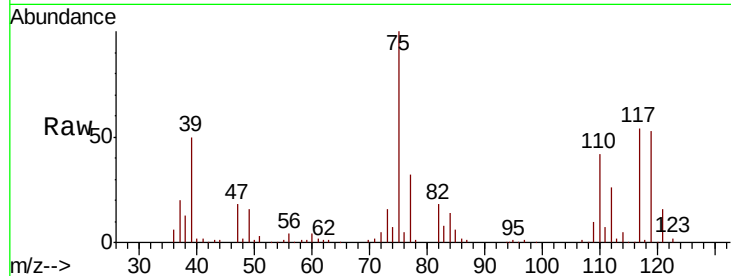




#29
 1,1-Dichloropropene
 Concen: 19.972 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN051824.D
 Acq: 12 Oct 2018 8:38

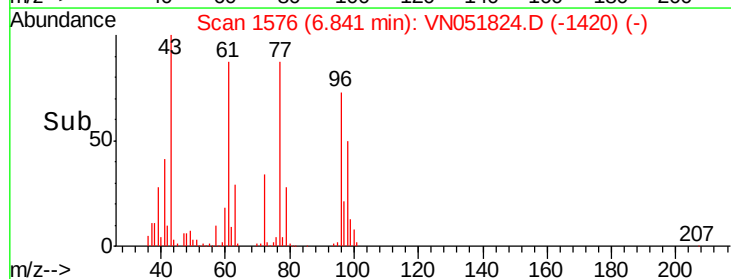
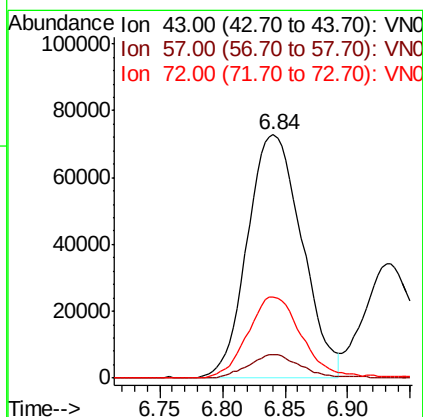
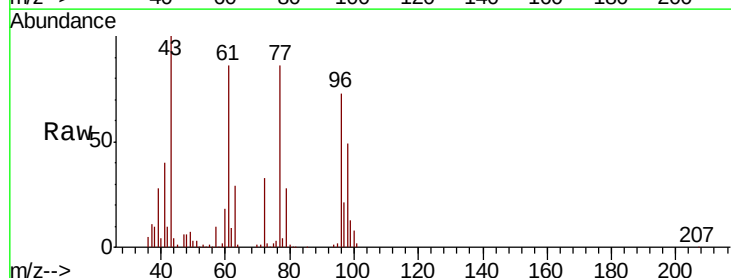
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

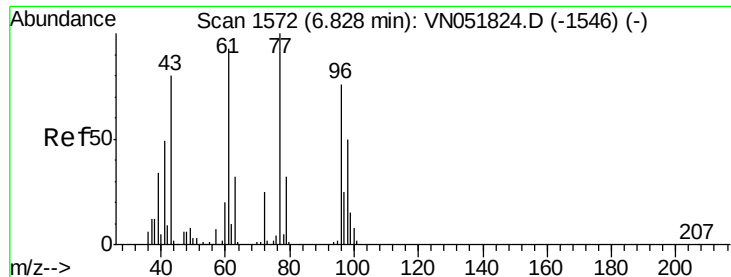
Tot Ion	Ratio	Lower	Upper
75	100		
110	40.9	0.0	70.8
77	31.3	0.0	61.6



#30
 2-Butanone
 Concen: 101.245 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: VN051824.D
 Acq: 12 Oct 2018 8:38

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.2	4.5	6.7#
72	33.1	21.5	32.3#

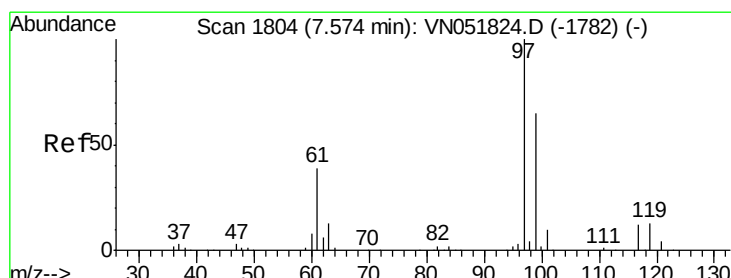
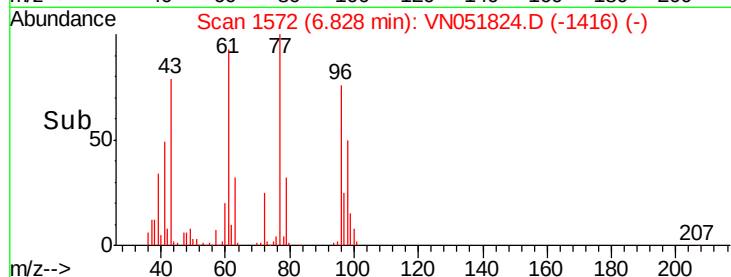
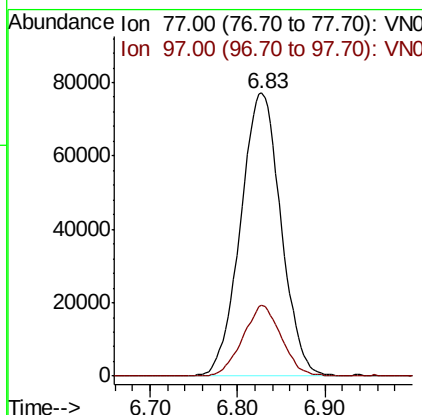
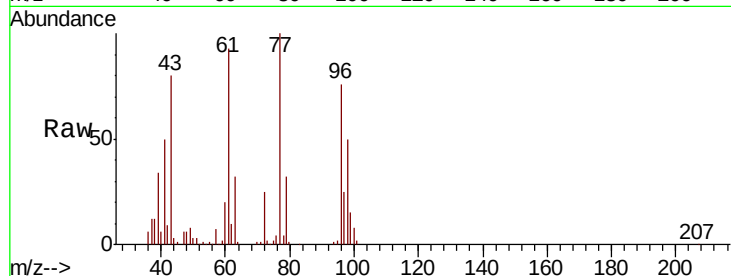




#31
 2,2-Dichloropropane
 Concen: 20.268 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN051824.D
 Acq: 12 Oct 2018 8:38

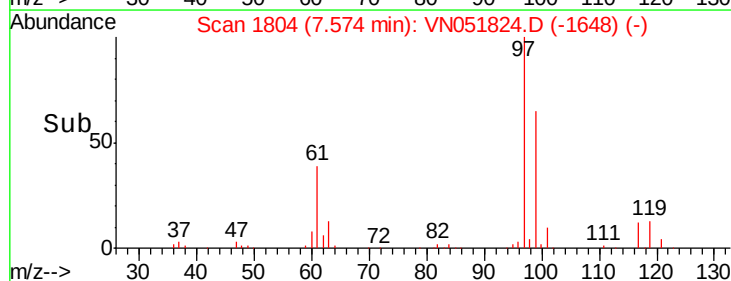
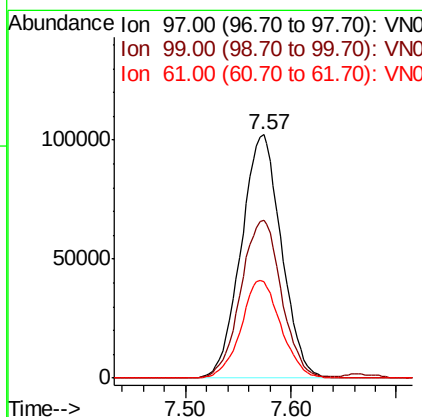
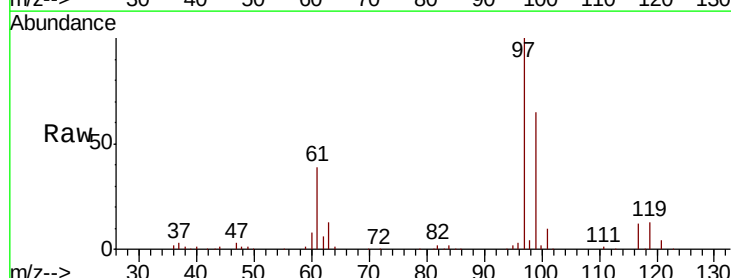
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

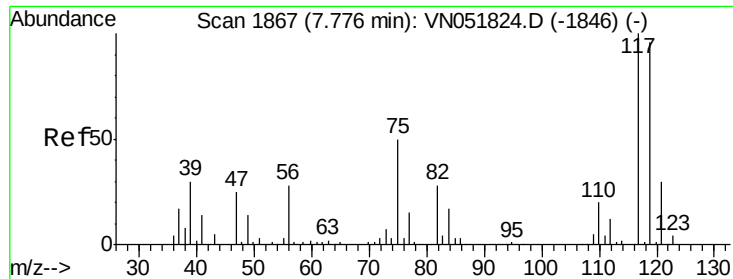
Tot Ion: 77 Resp: 247077
 Ion Ratio Lower Upper
 77 100
 97 24.0 12.0 18.0#



#32
 1,1,1-Trichloroethane
 Concen: 19.727 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN051824.D
 Acq: 12 Oct 2018 8:38

Tgt Ion: 97 Resp: 271015
 Ion Ratio Lower Upper
 97 100
 99 65.7 51.6 77.4
 61 39.7 37.4 56.0

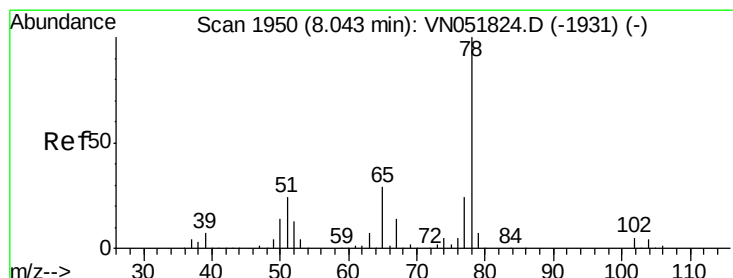
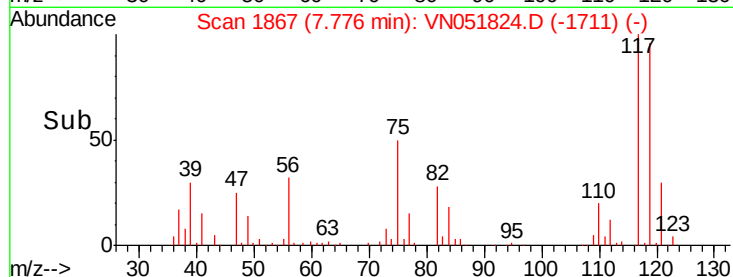
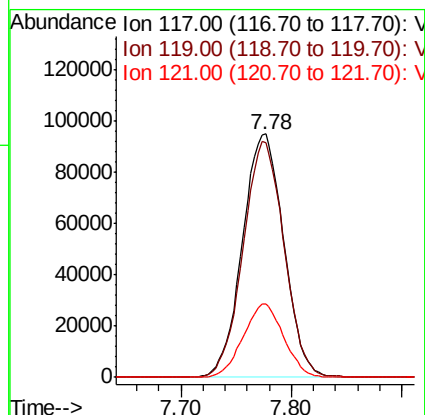
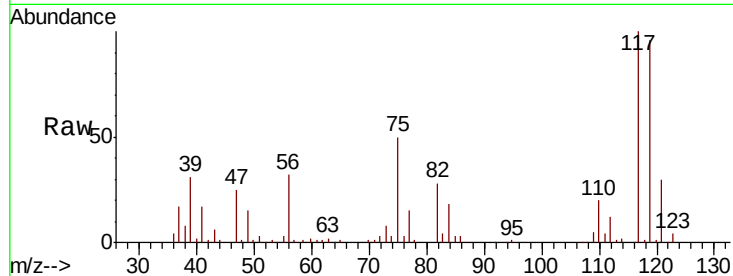




#33
Carbon Tetrachloride
Concen: 19.854 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

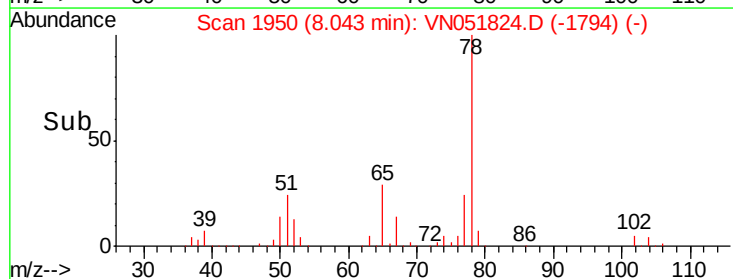
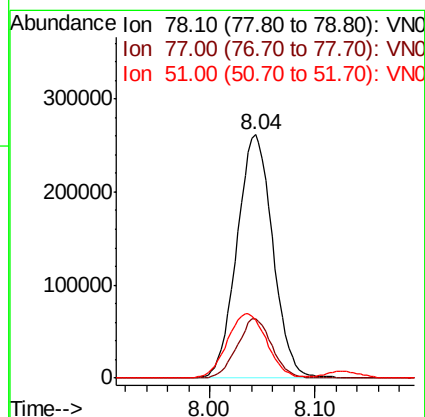
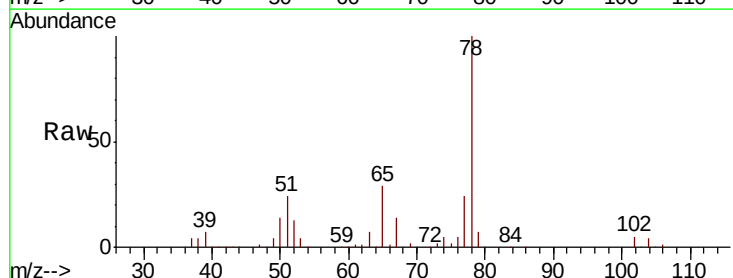
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

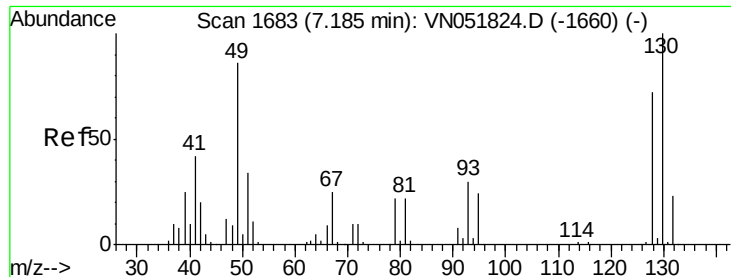
Tot Ion:117 Resp: 246781
Ion Ratio Lower Upper
117 100
119 96.3 85.1 127.7
121 30.2 24.2 36.2



#34
Benzene
Concen: 20.153 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

Tgt Ion: 78 Resp: 617735
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2
51 23.6 46.2 69.4#

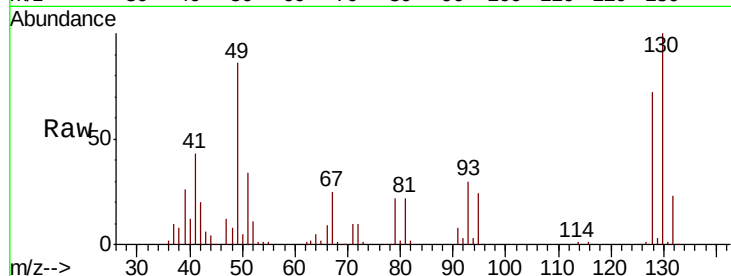




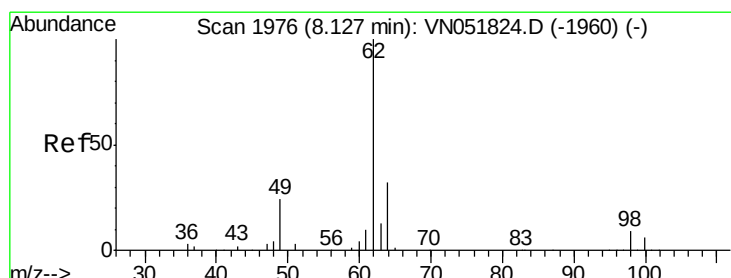
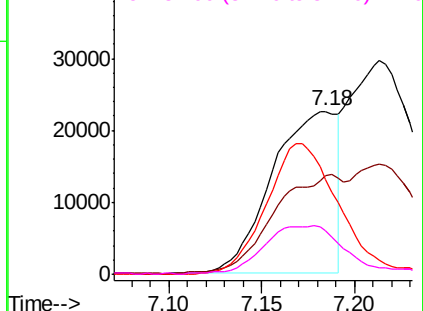
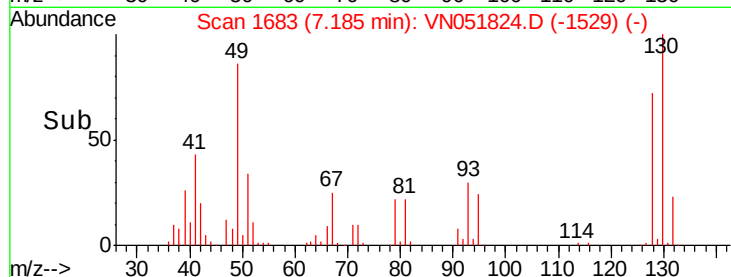
#35
Methacrylonitrile
Concen: 19.291 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion: 41 Resp: 54895
Ion Ratio Lower Upper
41 100
39 59.8 22.6 67.7
67 58.8 28.9 86.8
52 25.9 11.3 33.9

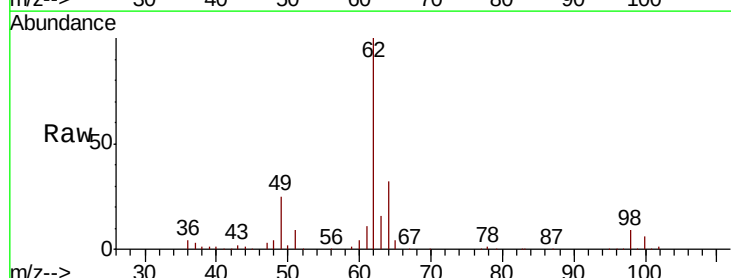


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

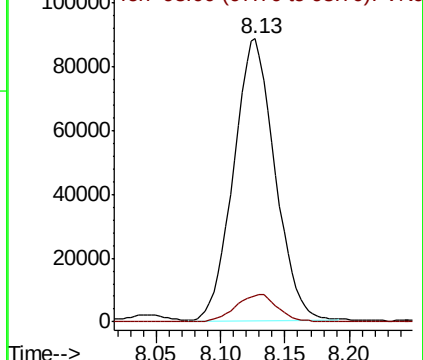
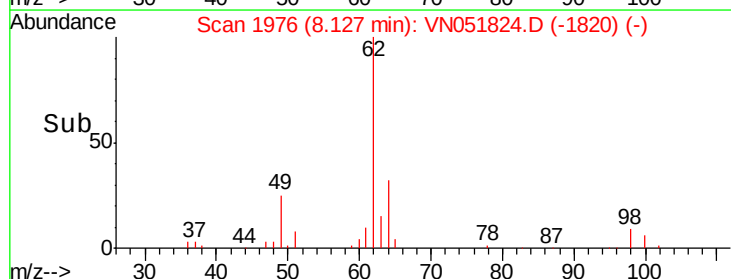


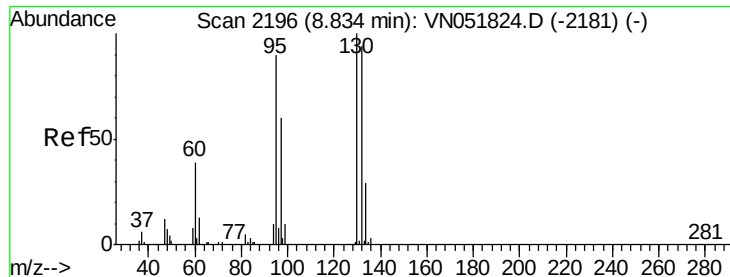
#36
1,2-Dichloroethane
Concen: 20.070 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

Tgt Ion: 62 Resp: 197115
Ion Ratio Lower Upper
62 100
98 10.0 6.9 10.3



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





#37

Trichloroethene

Concen: 20.013 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampled :

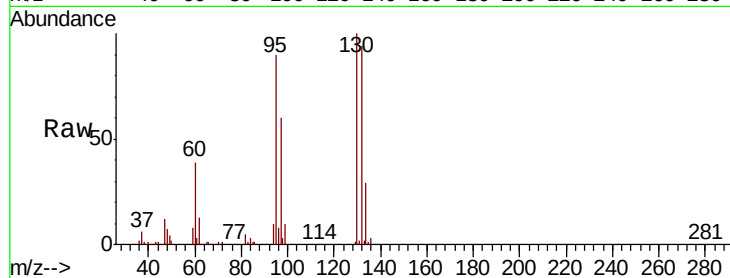
VSTDICCC020

Tot Ion:130 Resp: 190432

Ion Ratio Lower Upper

130 100

95 89.9 76.4 114.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.83

100000

80000

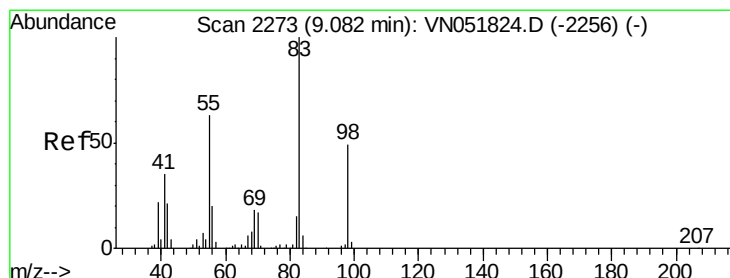
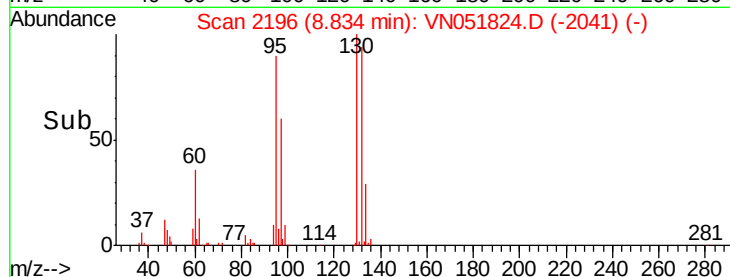
60000

40000

20000

0

Time-->



#38

Methylcyclohexane

Concen: 19.949 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

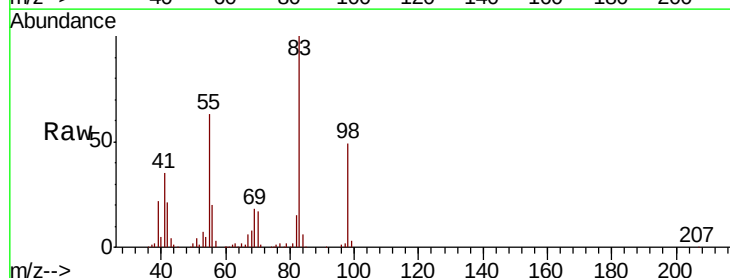
Tgt Ion: 83 Resp: 265139

Ion Ratio Lower Upper

83 100

55 62.4 43.0 129.2

98 49.4 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

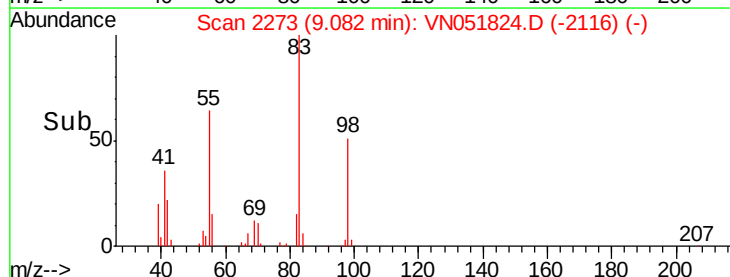
150000

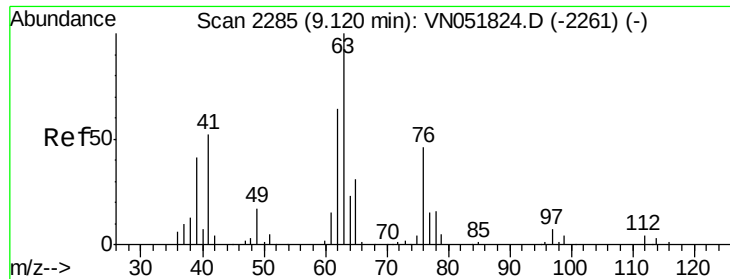
100000

50000

0

Time-->





#39

1,2-Dichloropropane

Concen: 20.419 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampleId :

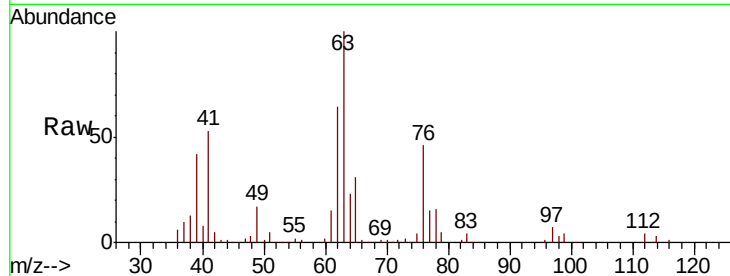
VSTDICCC020

Tot Ion: 63 Resp: 147400

Ion Ratio Lower Upper

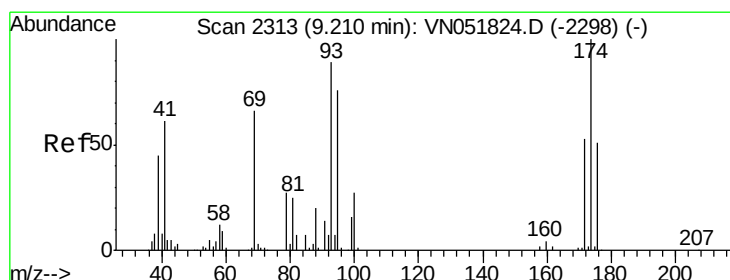
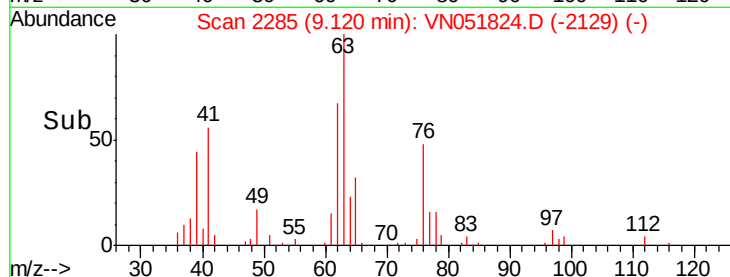
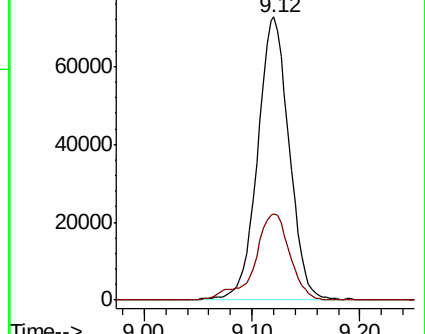
63 100

65 30.5 23.2 34.8



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 19.588 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

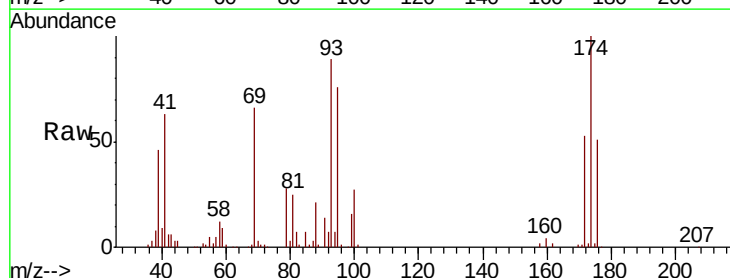
Tgt Ion: 93 Resp: 104942

Ion Ratio Lower Upper

93 100

95 84.9 0.0 162.0

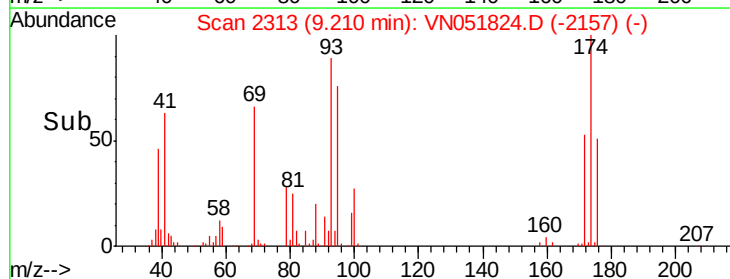
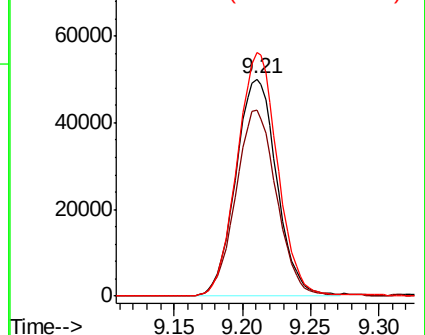
174 110.5 0.0 214.0

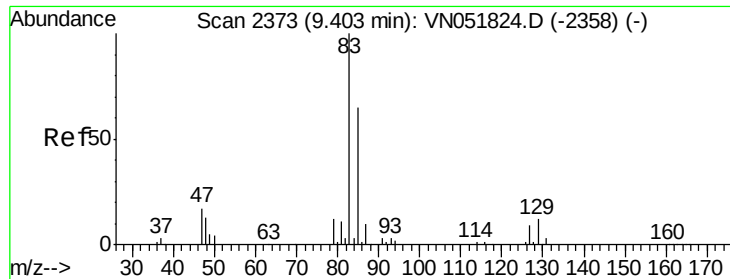


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 19.893 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

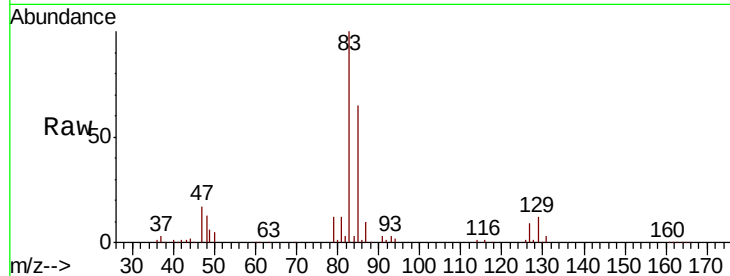
Tot Ion: 83 Resp: 220136

Ion Ratio Lower Upper

83 100

85 65.5 55.7 83.5

127 10.2 8.2 12.4



Abundance Ion 83.00 (82.70 to 83.70): VN051824.D (-2358) (-)

Ion 85.00 (84.70 to 85.70): VN051824.D (-2358) (-)

Ion 127.00 (126.70 to 127.70): VN051824.D (-2358) (-)

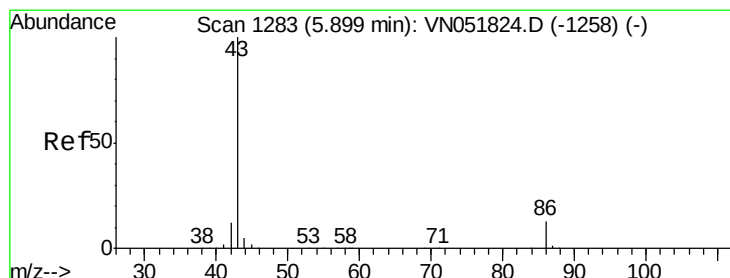
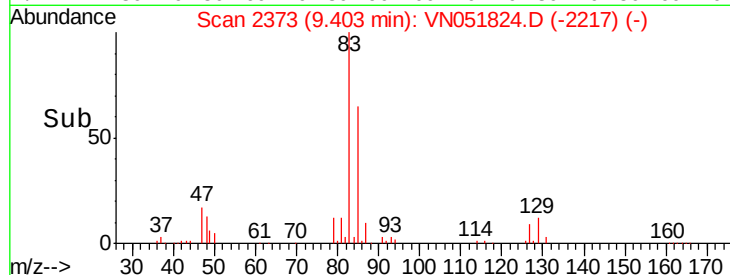
9.40

100000

50000

0

Time--> 9.30 9.35 9.40 9.45 9.50



#42

Vinyl Acetate

Concen: 100.866 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN051824.D

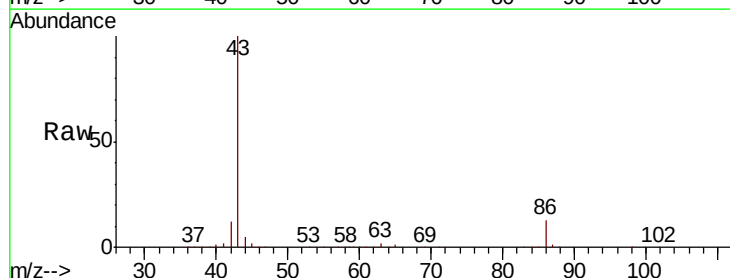
Acq: 12 Oct 2018 8:38

Tgt Ion: 43 Resp: 1229813

Ion Ratio Lower Upper

43 100

86 11.3 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VN051824.D (-1258) (-)

Ion 86.00 (85.70 to 86.70): VN051824.D (-1258) (-)

5.90

400000

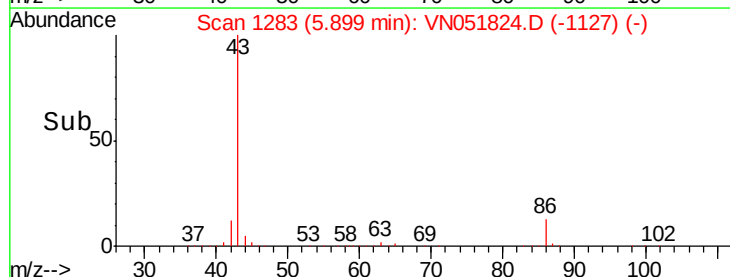
300000

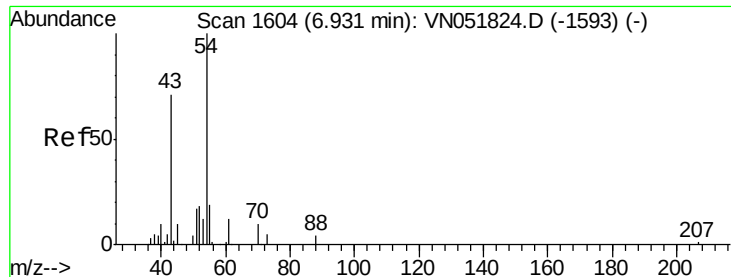
200000

100000

0

Time--> 5.80 5.90 6.00 6.10





#43

Ethyl Acetate

Concen: 20.702 ug/l

RT: 6.93 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampleId :

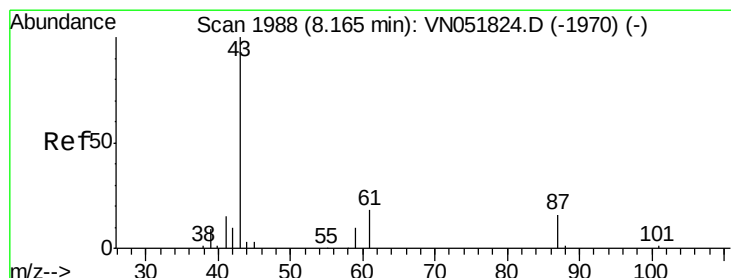
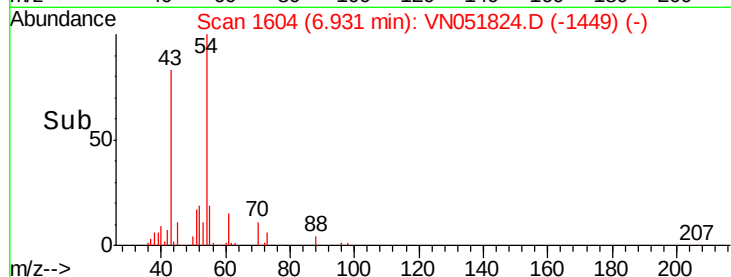
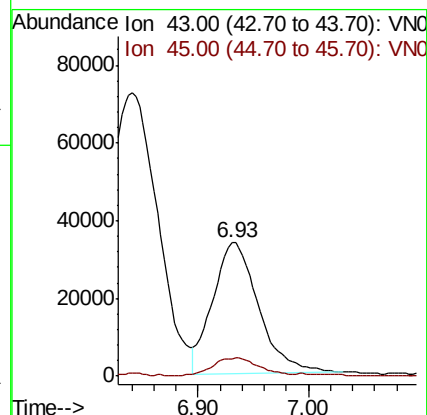
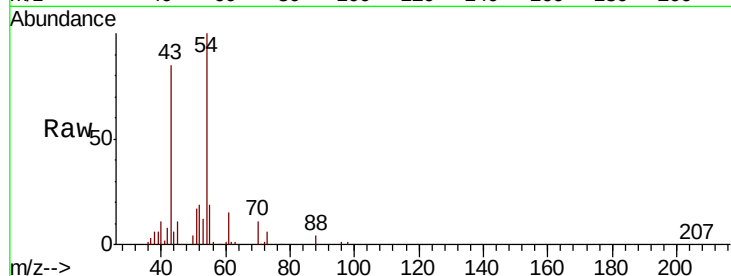
VSTDICCC020

Tot Ion: 43 Resp: 97360

Ion Ratio Lower Upper

43 100

45 14.4 11.0 16.6



#44

Isopropyl Acetate

Concen: 20.360 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051824.D

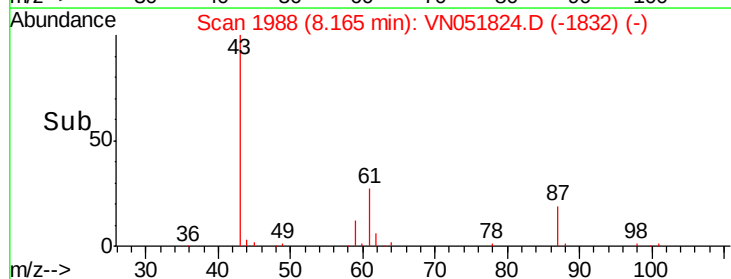
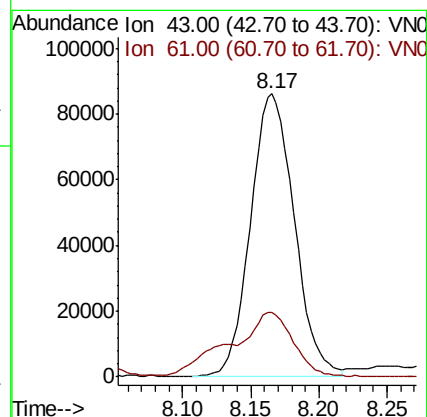
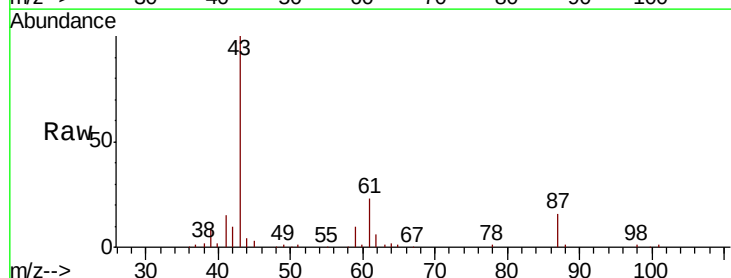
Acq: 12 Oct 2018 8:38

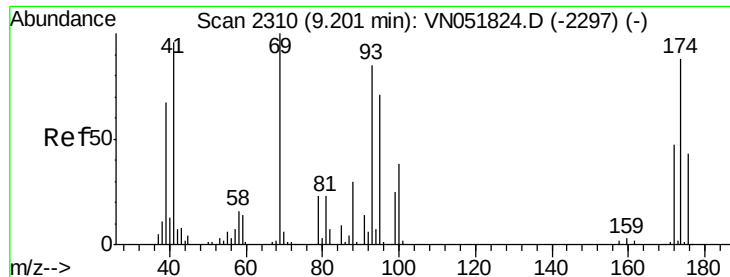
Tgt Ion: 43 Resp: 191258

Ion Ratio Lower Upper

43 100

61 20.4 15.9 23.9

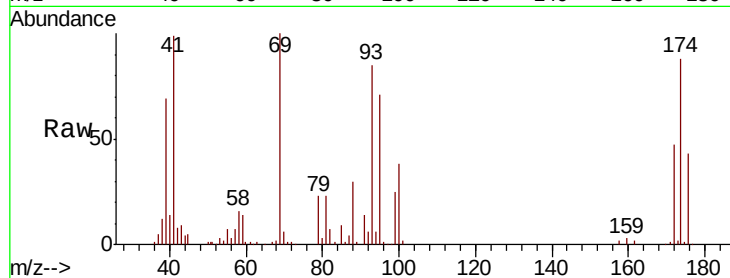




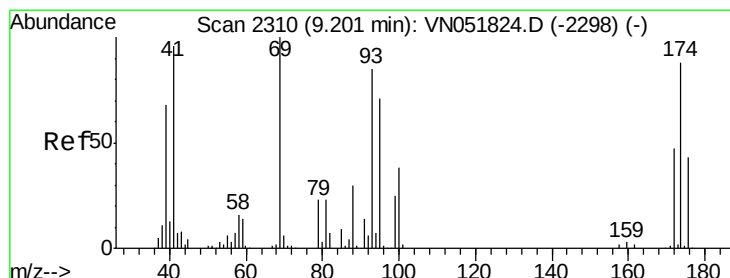
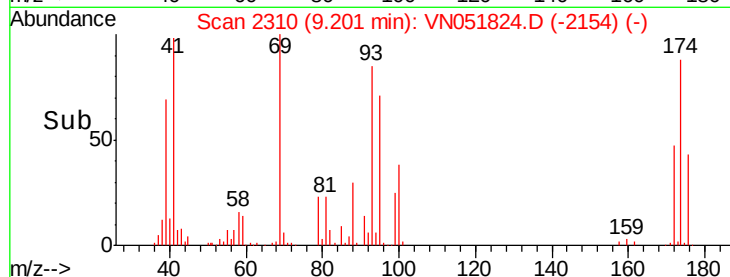
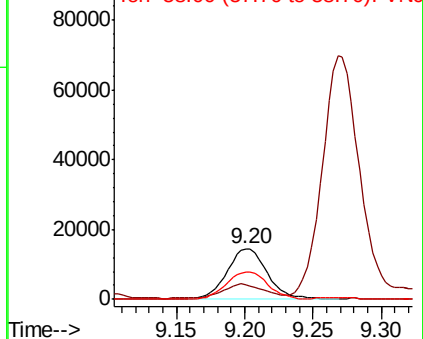
#45
 1,4-Dioxane
 Concen: 396.890 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN051824.D
 Acq: 12 Oct 2018 8:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion: 88 Resp: 29936
 Ion Ratio Lower Upper
 88 100
 43 26.2 26.2 39.2
 58 55.6 65.6 98.4#

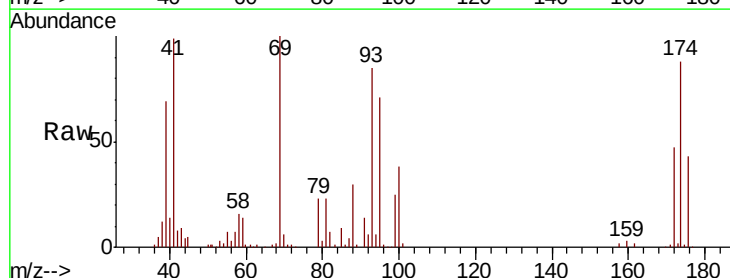


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

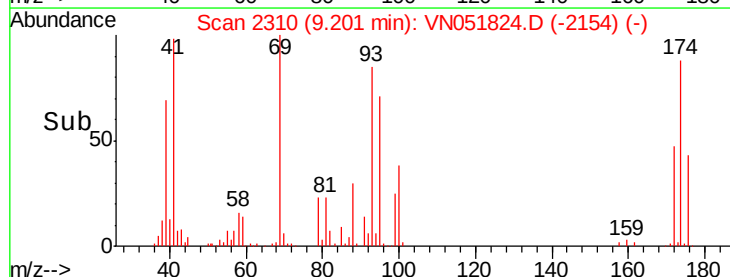
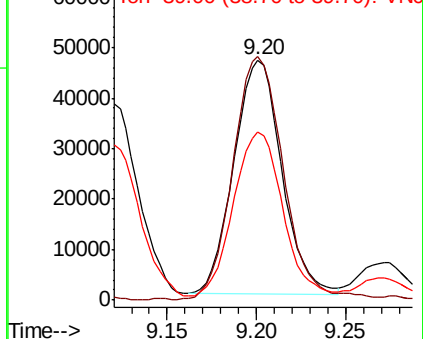


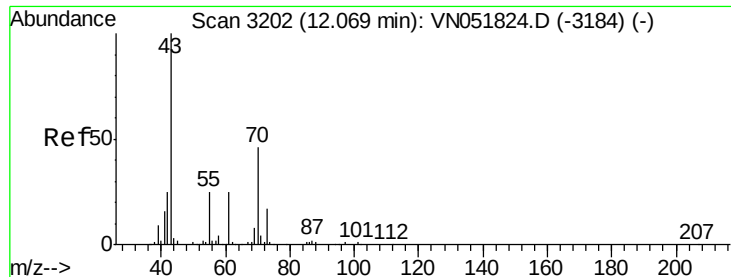
#46
 Methyl methacrylate
 Concen: 20.133 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN051824.D
 Acq: 12 Oct 2018 8:38

Tgt Ion: 41 Resp: 87235
 Ion Ratio Lower Upper
 41 100
 69 103.8 40.7 122.1
 39 70.4 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-amvl Acetate

Concen: 0.290 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.18 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampleId :

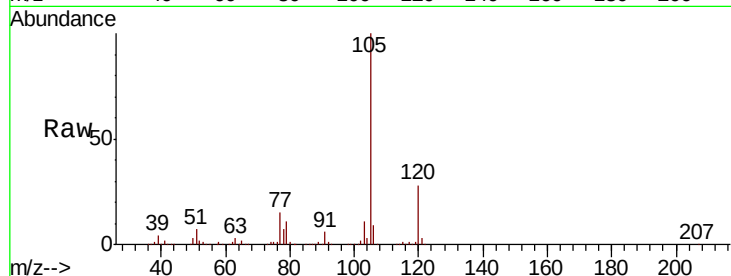
VSTDICCC020

Tot Ion: 43 Resp: 2278

Ion Ratio Lower Upper

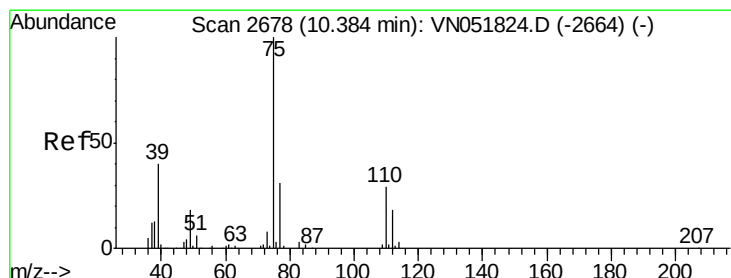
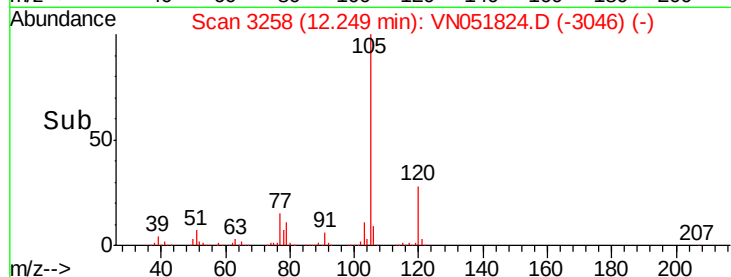
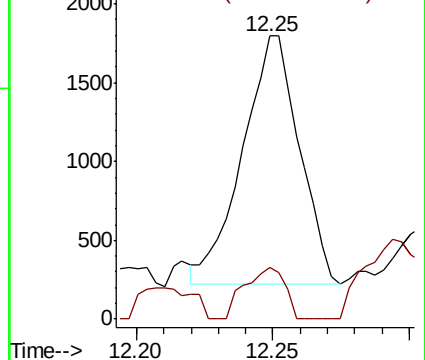
43 100

55 14.6 12.2 18.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 19.098 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051824.D

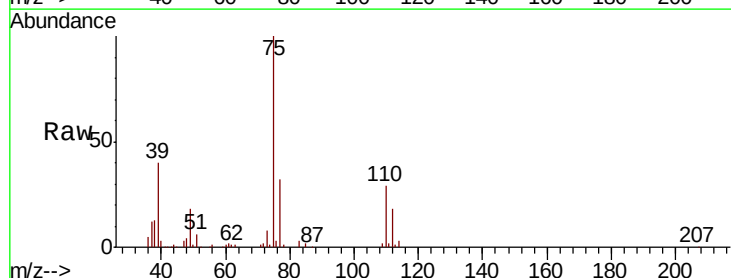
Acq: 12 Oct 2018 8:38

Tgt Ion: 75 Resp: 206095

Ion Ratio Lower Upper

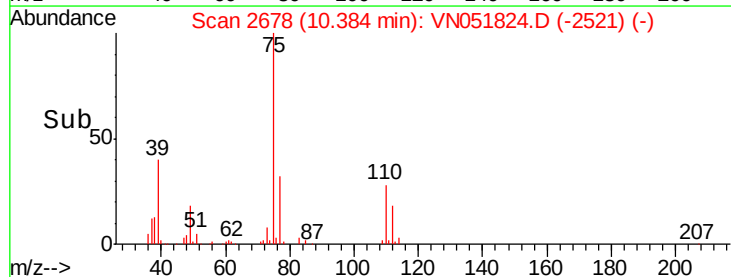
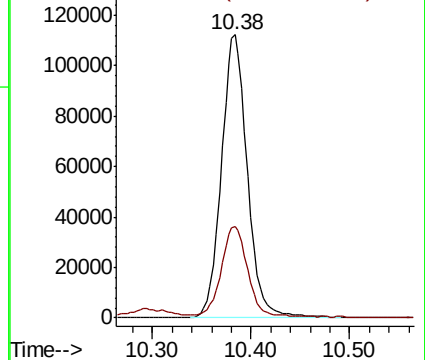
75 100

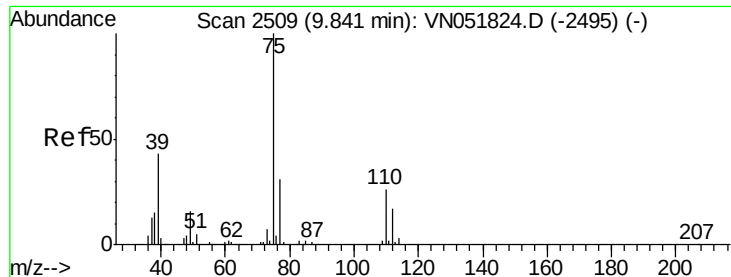
77 31.8 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#49

cis-1,3-Dichloropropene

Concen: 19.644 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

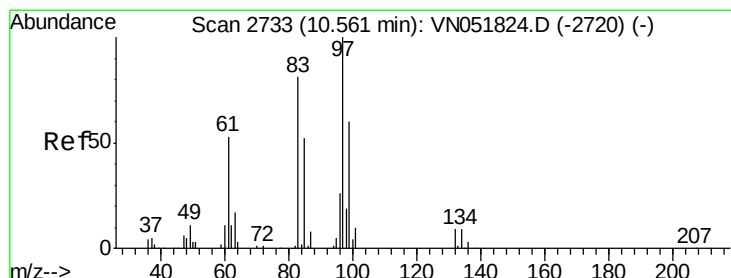
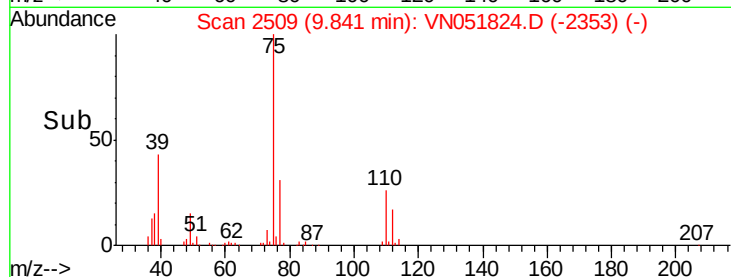
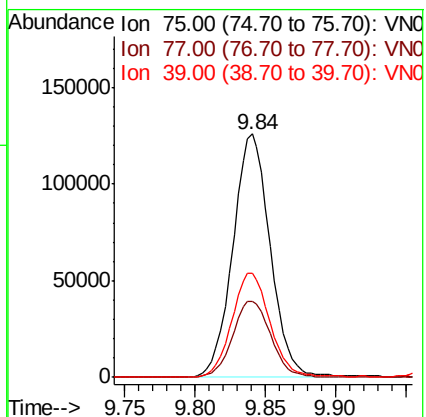
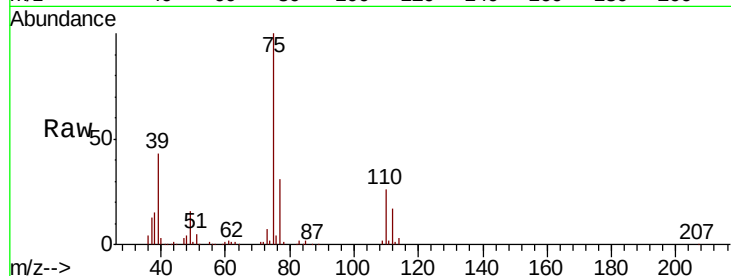
Tot Ion: 75 Resp: 233689

Ion Ratio Lower Upper

75 100

77 31.3 23.2 34.8

39 42.6 34.6 52.0



#50

1,1,2-Trichloroethane

Concen: 20.066 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Tgt Ion: 97 Resp: 148535

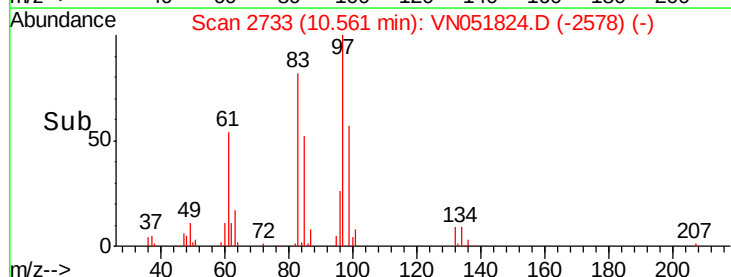
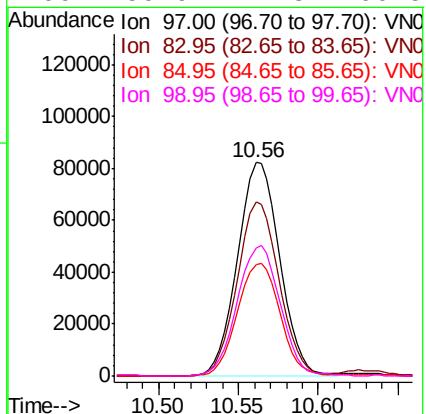
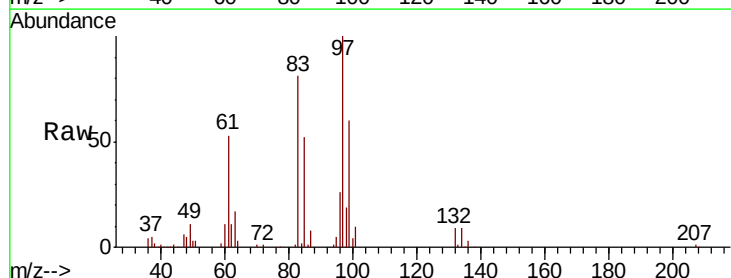
Ion Ratio Lower Upper

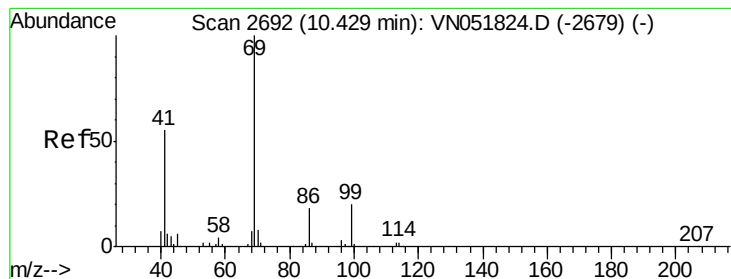
97 100

83 81.1 68.2 102.4

85 52.1 42.5 63.7

99 59.9 44.3 66.5





#51

Ethyl methacrylate

Concen: 19.654 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

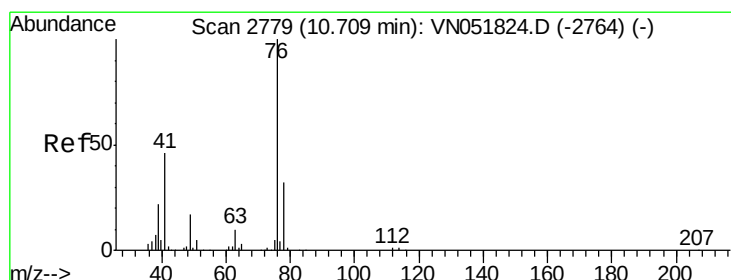
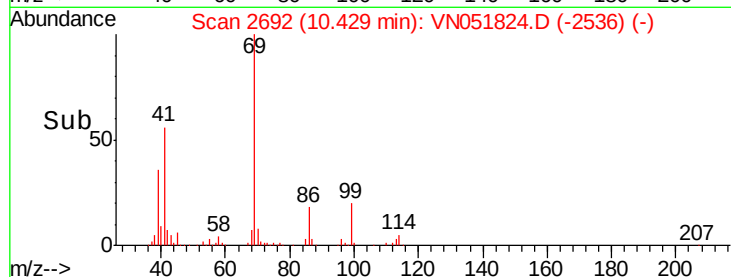
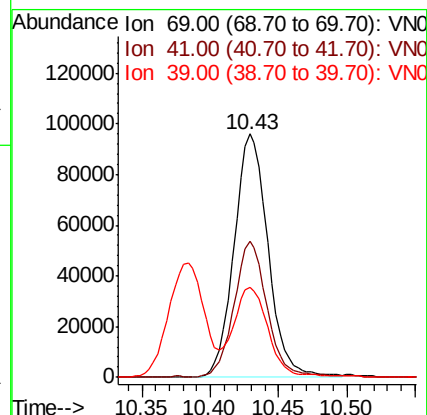
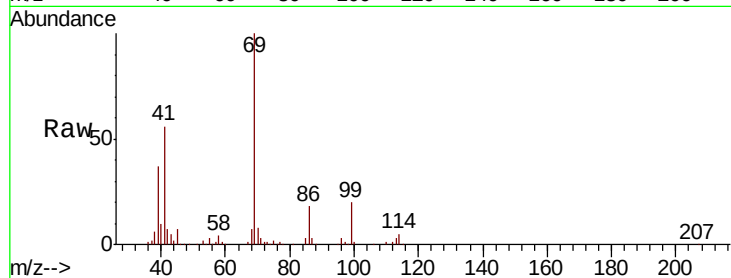
Tot Ion: 69 Resp: 166566

Ion Ratio Lower Upper

69 100

41 55.5 34.4 103.1

39 36.3 16.3 48.8



#52

1,3-Dichloropropane

Concen: 20.079 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN051824.D

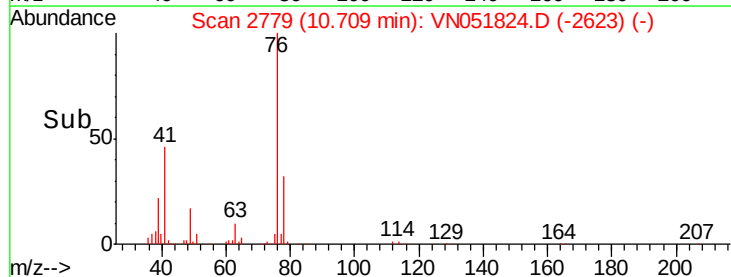
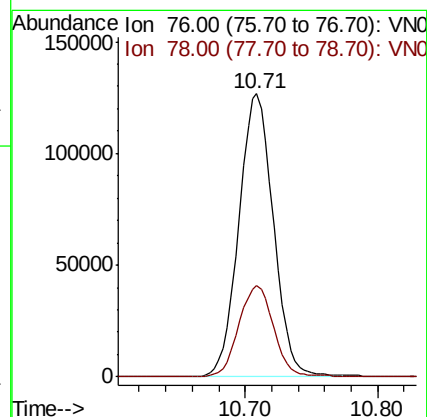
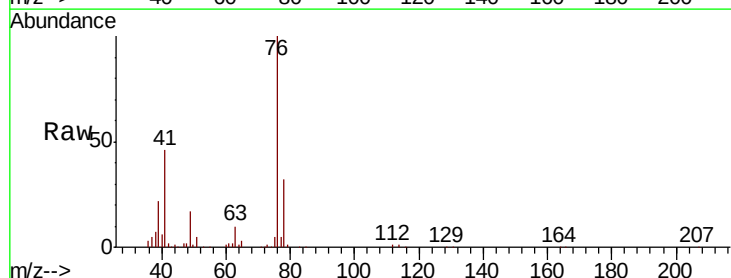
Acq: 12 Oct 2018 8:38

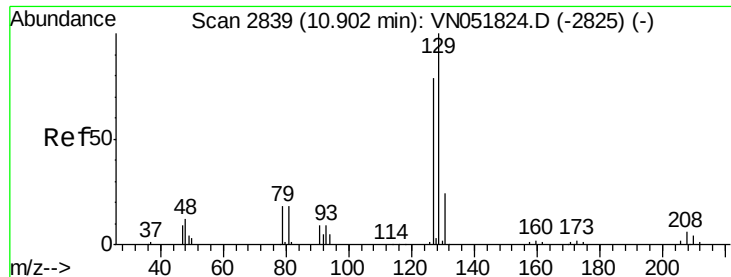
Tgt Ion: 76 Resp: 229399

Ion Ratio Lower Upper

76 100

78 32.4 0.0 67.6





#53

Dibromochloromethane

Concen: 18.750 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampleId :

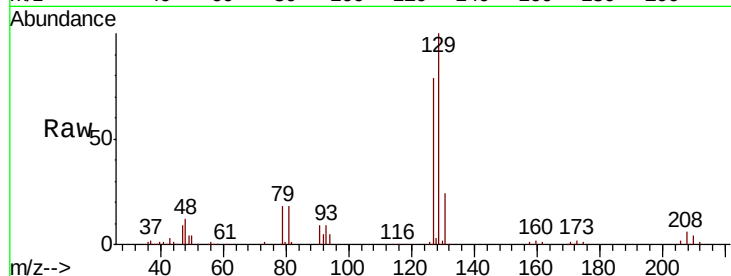
VSTDICCC020

Tot Ion:129 Resp: 171705

Ion Ratio Lower Upper

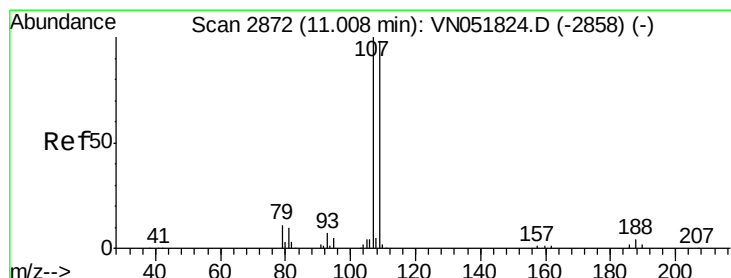
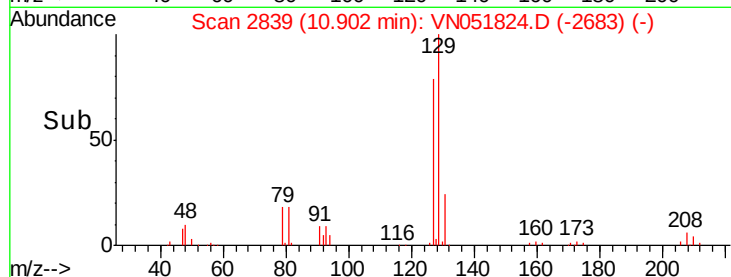
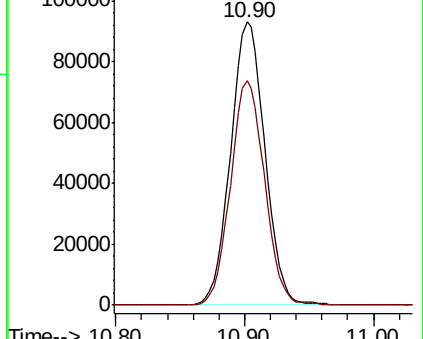
129 100

127 78.5 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: 19.159 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN051824.D

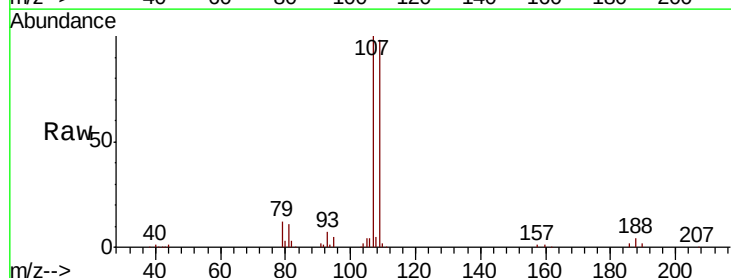
Acq: 12 Oct 2018 8:38

Tgt Ion:107 Resp: 148863

Ion Ratio Lower Upper

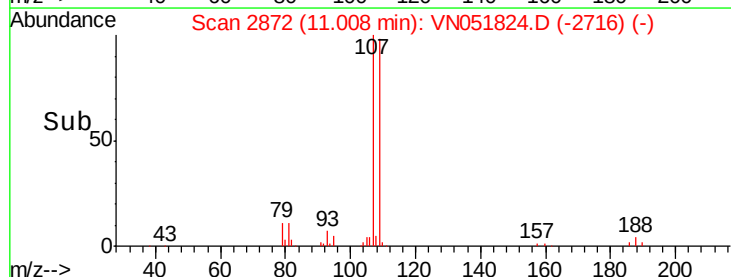
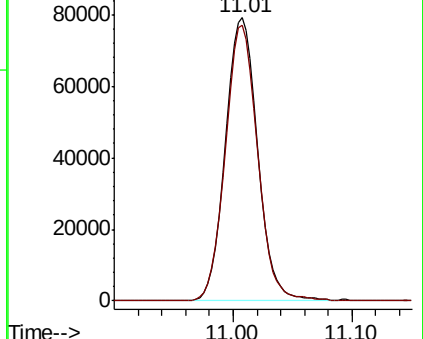
107 100

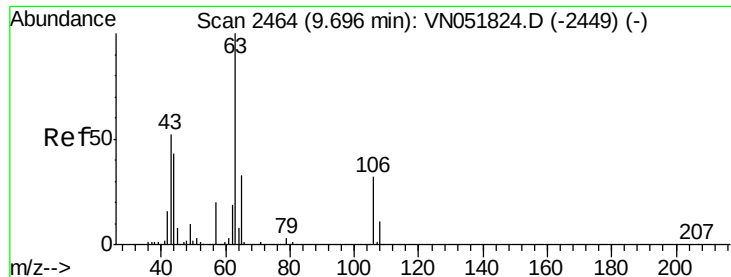
109 97.3 77.4 116.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

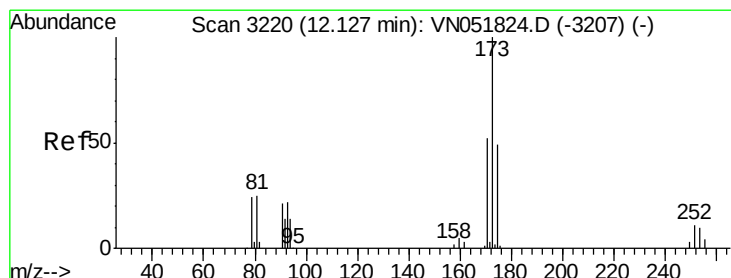
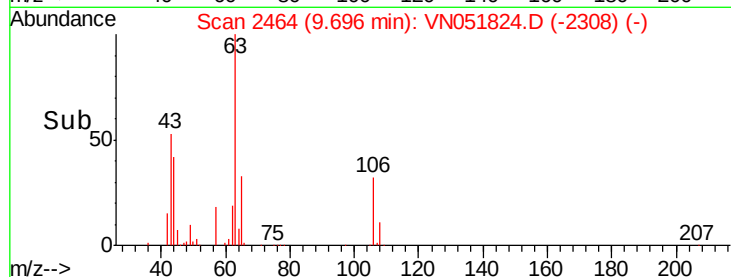
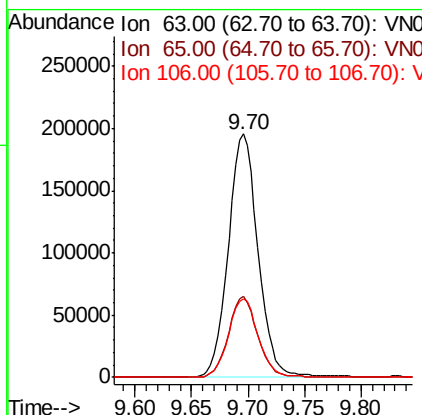
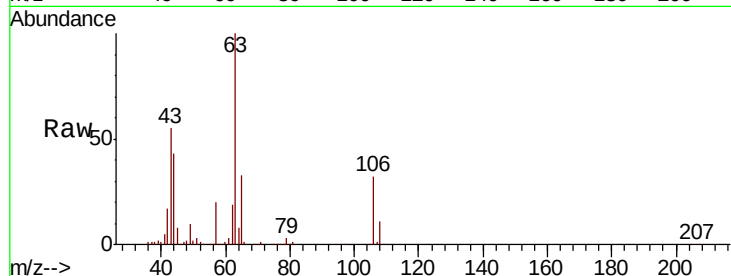




#55
2-Chloroethyl vinyl ether
Concen: 98.764 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

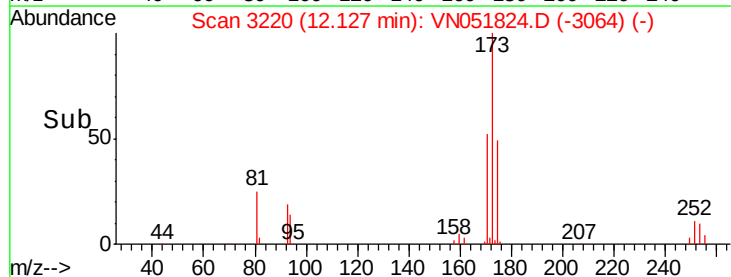
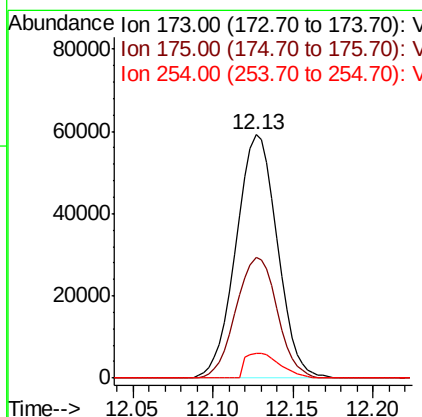
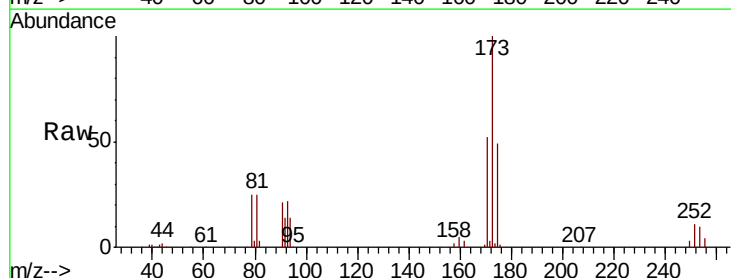
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

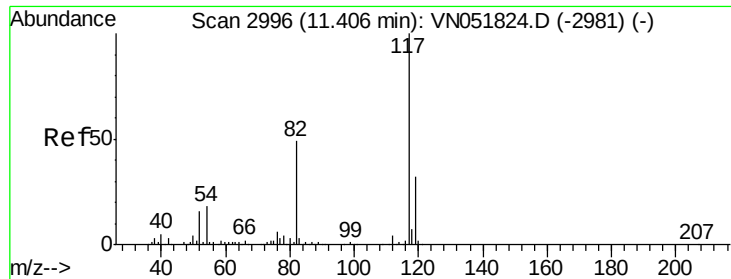
Tot Ion: 63 Resp: 357811
Ion Ratio Lower Upper
63 100
65 32.8 25.4 38.0
106 32.5 21.2 31.8#



#56
Bromoform
Concen: 17.262 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

Tgt Ion: 173 Resp: 104254
Ion Ratio Lower Upper
173 100
175 49.5 35.8 53.8
254 8.5 8.6 13.0#

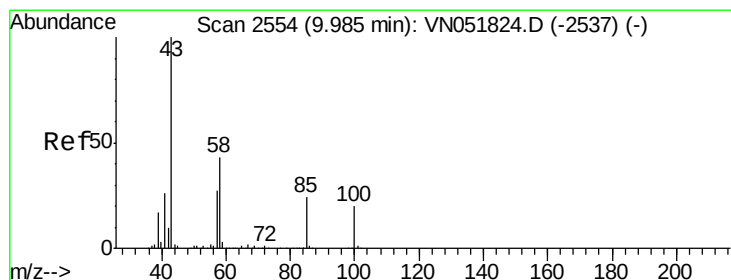
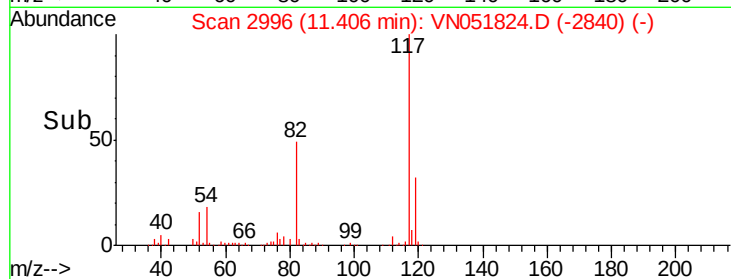
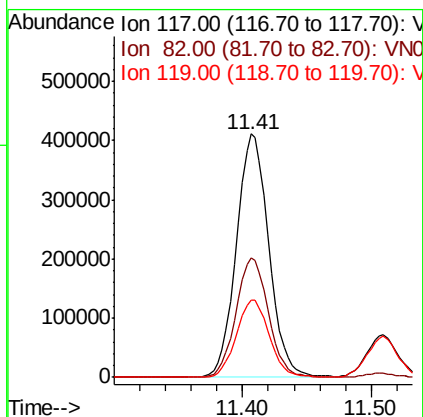
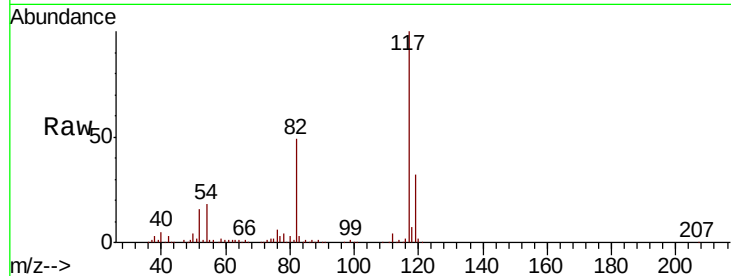




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

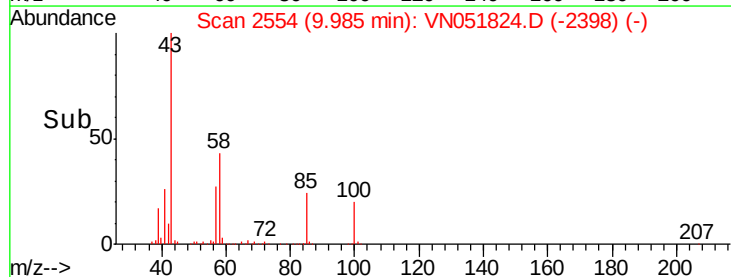
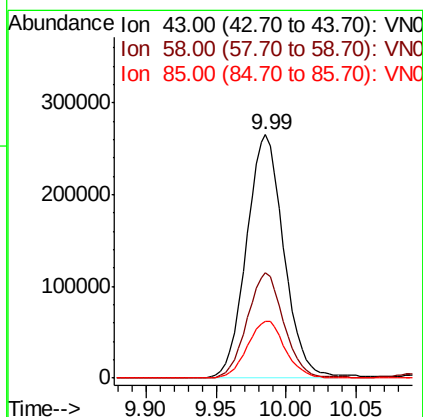
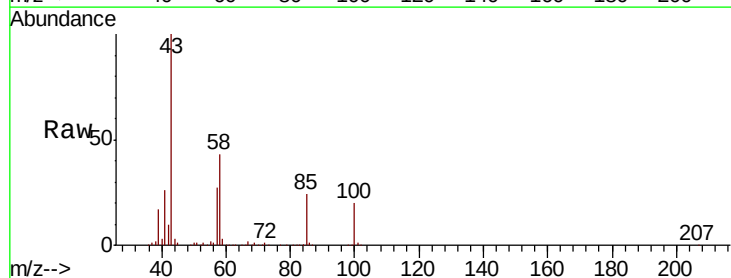
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

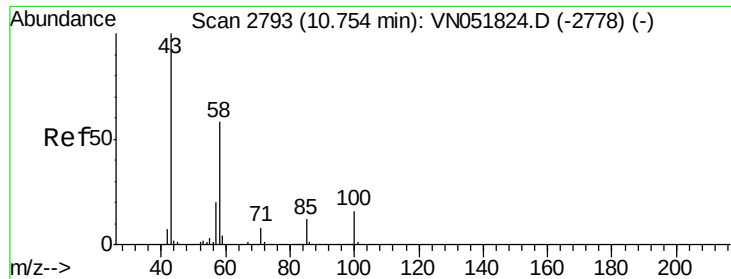
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.3	44.1	66.1
119	32.2	25.8	38.8



#58
4-Methyl-2-Pentanone
Concen: 101.676 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

Tgt Ion	Ratio	Lower	Upper
43	100		
58	42.8	29.3	43.9
85	23.7	12.6	18.8

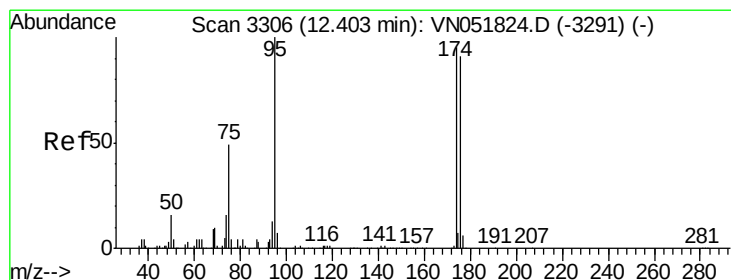
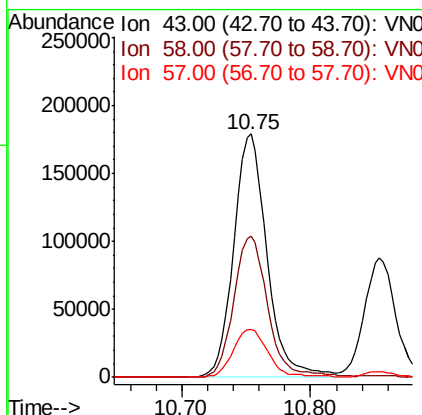
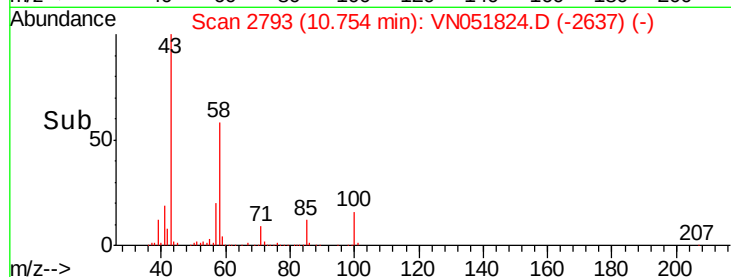
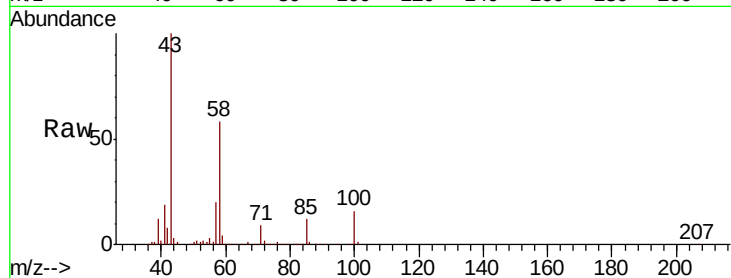




#59
2-Hexanone
Concen: 98.384 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

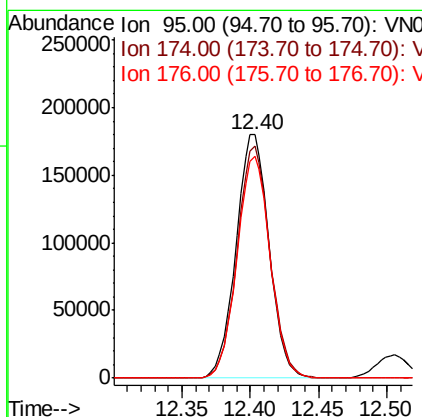
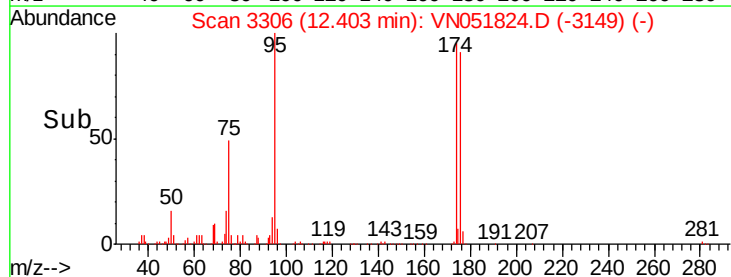
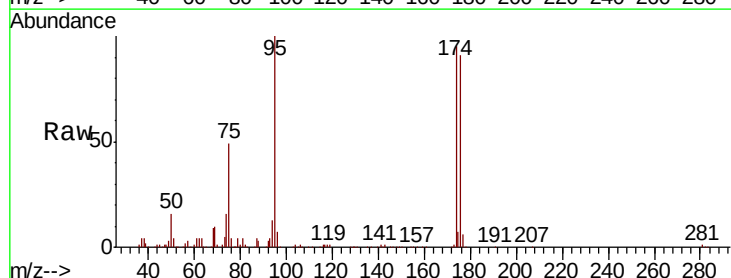
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

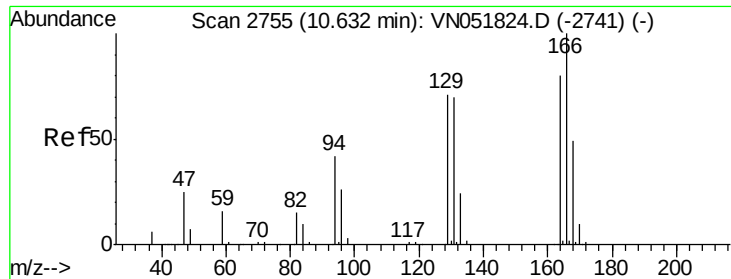
Tot Ion	Ratio	Lower	Upper
43	100		
58	59.8	41.3	61.9
57	20.8	13.4	20.0



#60
4-Bromofluorobenzene
Concen: 98.384 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.7	73.5	110.3
176	91.4	70.2	105.2





#61

Tetrachloroethene

Concen: 20.358 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion:164 Resp: 187157

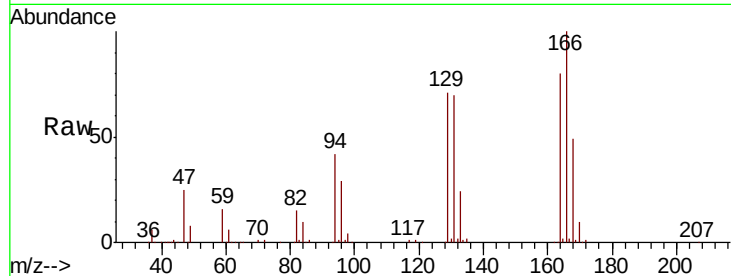
Ion Ratio Lower Upper

164 100

166 125.4 98.7 148.1

129 88.9 69.6 104.4

131 87.7 72.4 108.6

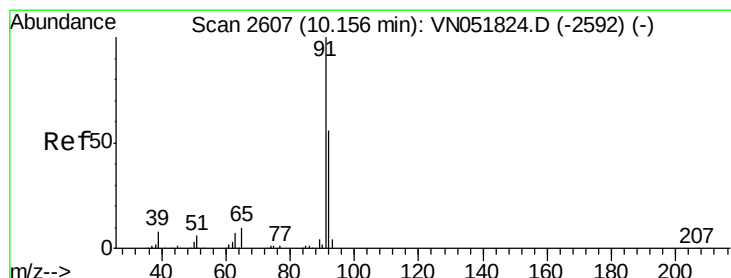
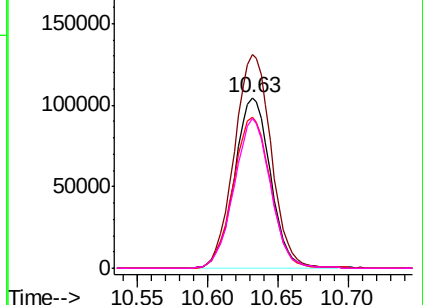
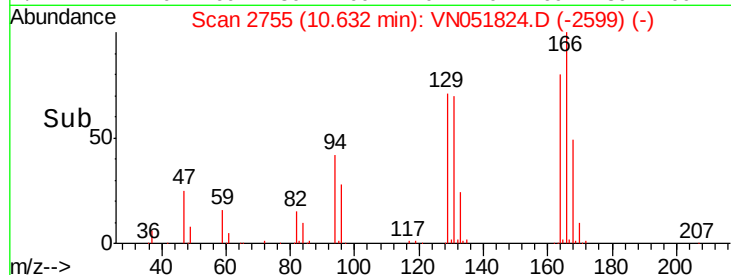


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.092 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051824.D

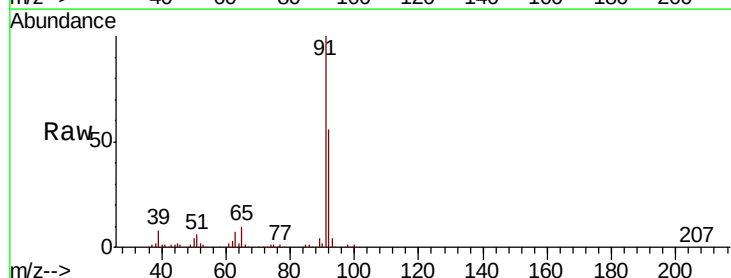
Acq: 12 Oct 2018 8:38

Tgt Ion: 91 Resp: 717524

Ion Ratio Lower Upper

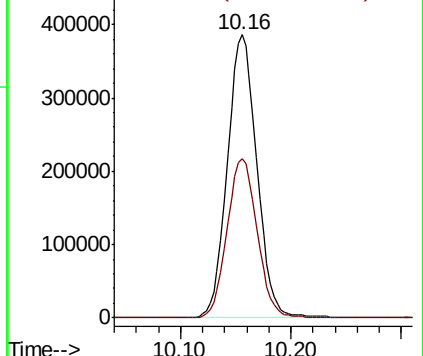
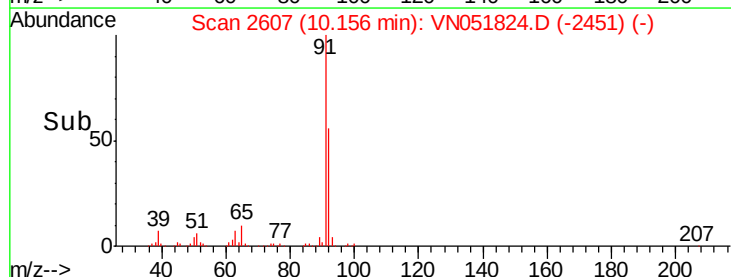
91 100

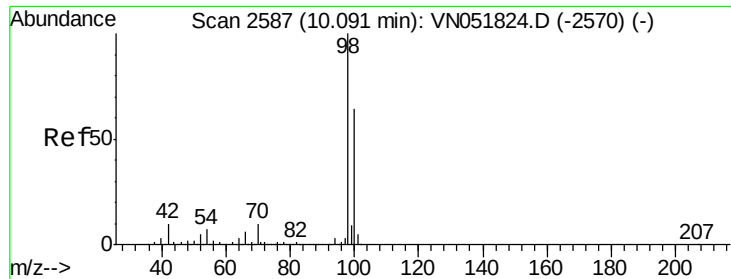
92 57.1 44.6 66.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 20.092 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampleId :

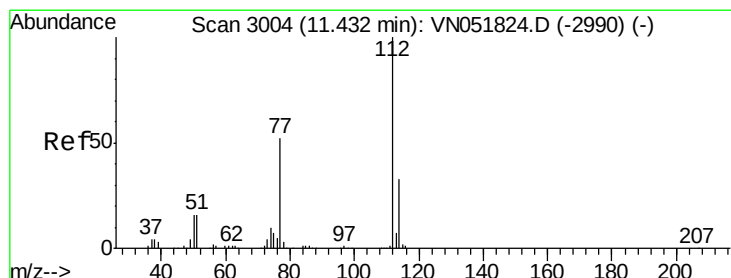
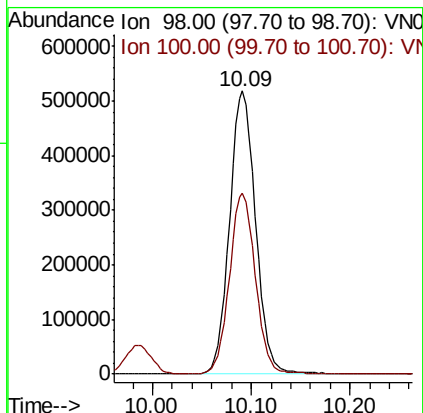
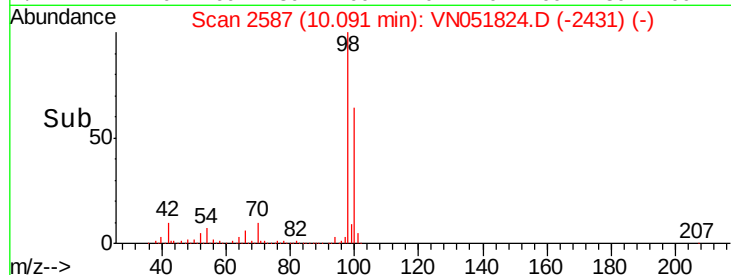
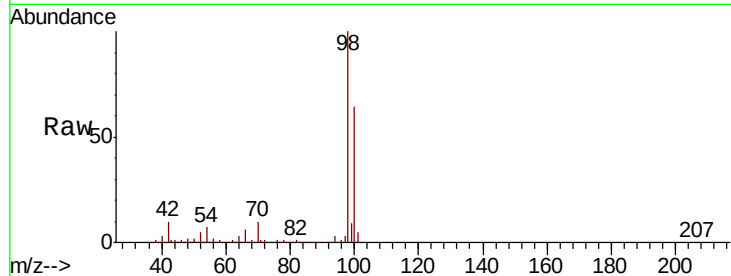
VSTDICCC020

Tot Ion: 98 Resp: 958541

Ion Ratio Lower Upper

98 100

100 63.2 50.8 76.2



#64

Chlorobenzene

Concen: 19.596 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN051824.D

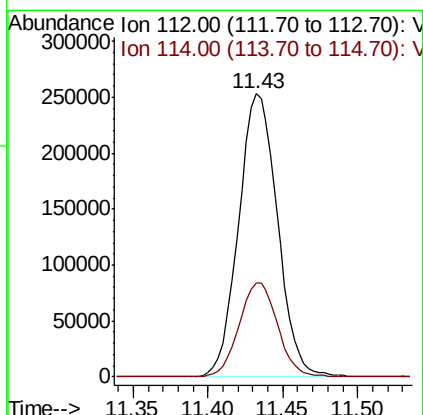
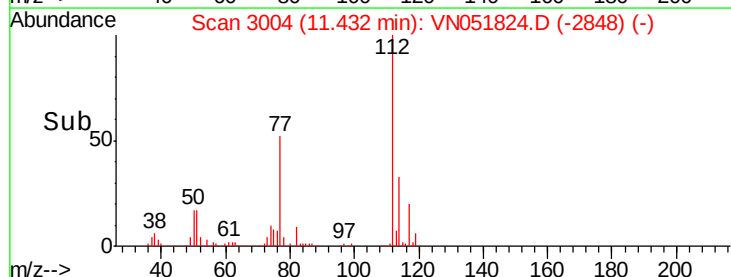
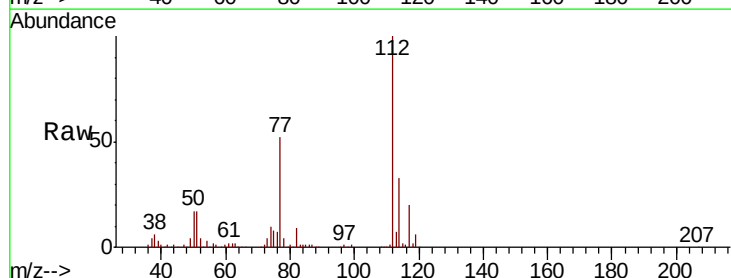
Acq: 12 Oct 2018 8:38

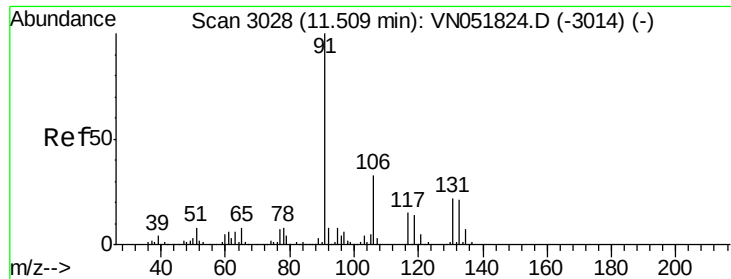
Tgt Ion: 112 Resp: 458328

Ion Ratio Lower Upper

112 100

114 33.3 27.5 41.3





#65

1,1,1,2-Tetrachloroethane

Concen: 19.911 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

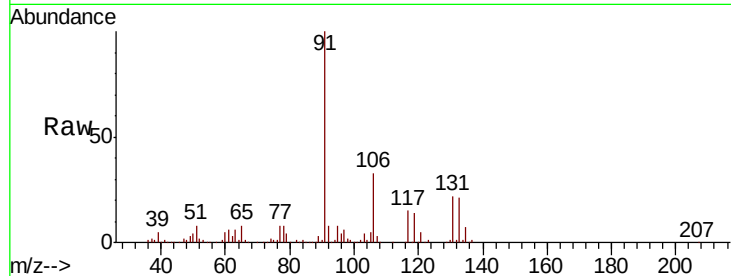
Tot Ion:131 Resp: 178750

Ion Ratio Lower Upper

131 100

133 95.8 0.0 190.4

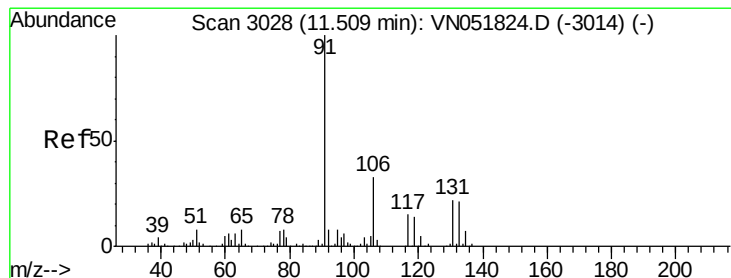
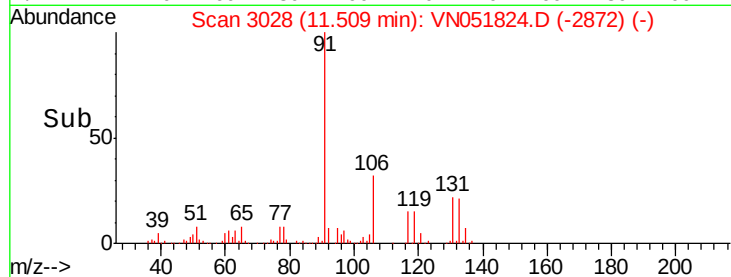
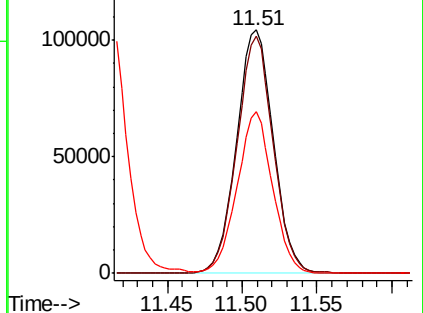
119 64.1 0.0 128.0



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: 19.994 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN051824.D

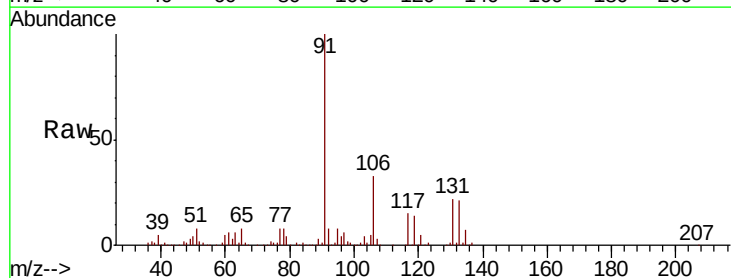
Acq: 12 Oct 2018 8:38

Tgt Ion: 91 Resp: 789134

Ion Ratio Lower Upper

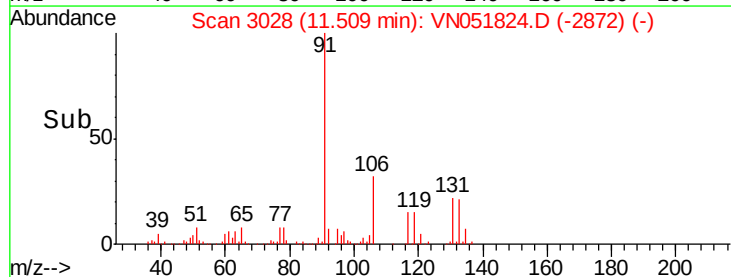
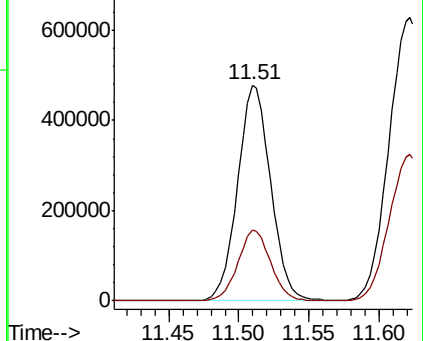
91 100

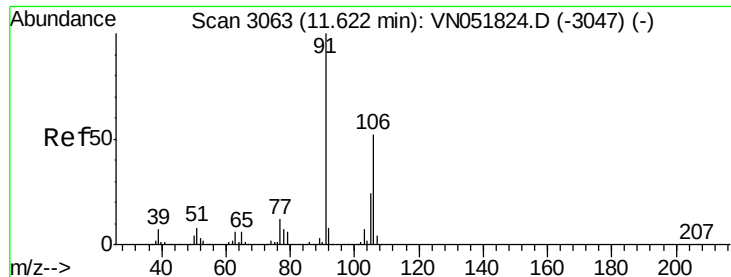
106 32.9 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 39.490 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampleId :

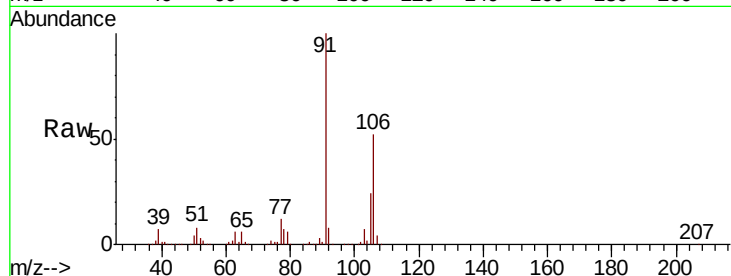
VSTDICCC020

Tot Ion:106 Resp: 631911

Ion Ratio Lower Upper

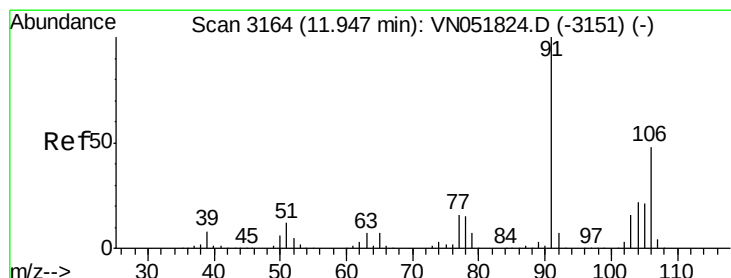
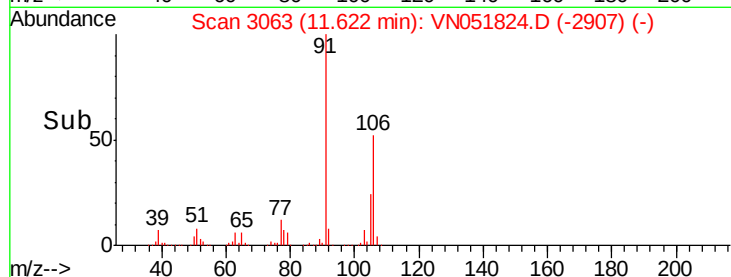
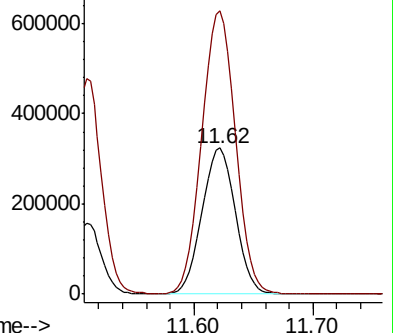
106 100

91 195.2 158.8 238.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 19.670 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN051824.D

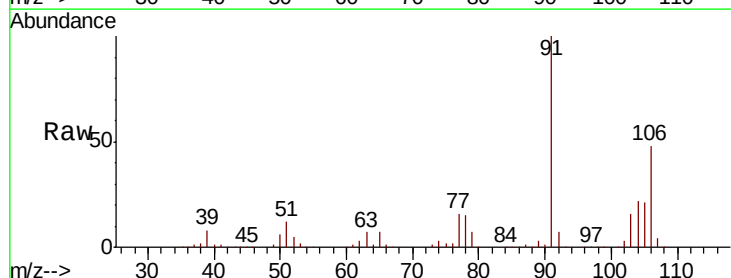
Acq: 12 Oct 2018 8:38

Tgt Ion:106 Resp: 310295

Ion Ratio Lower Upper

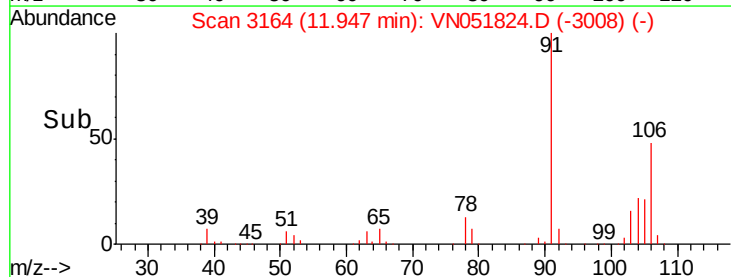
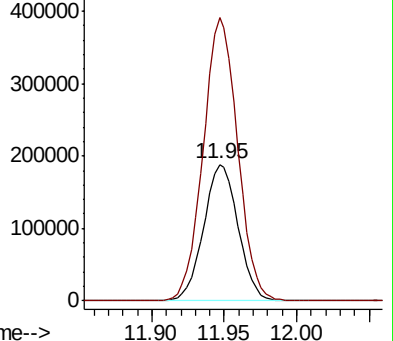
106 100

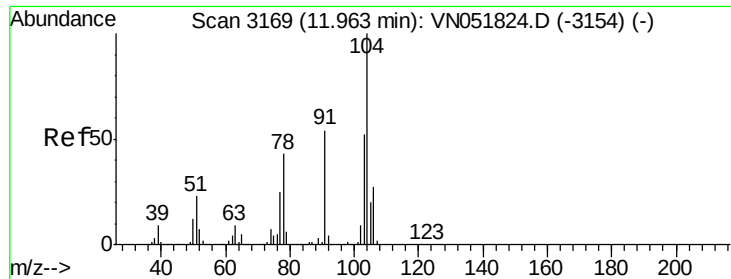
91 207.2 111.1 333.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

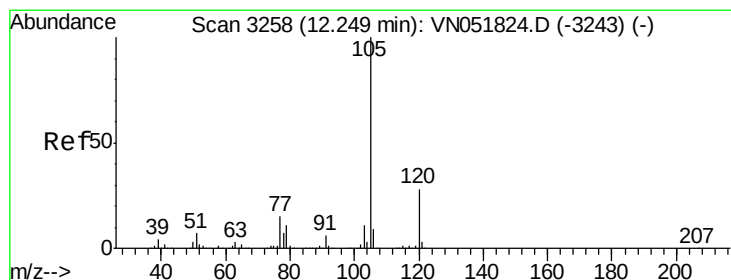
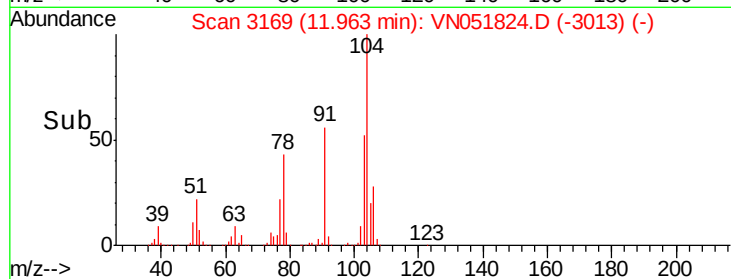
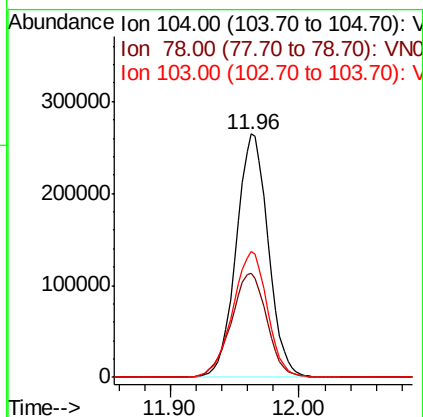
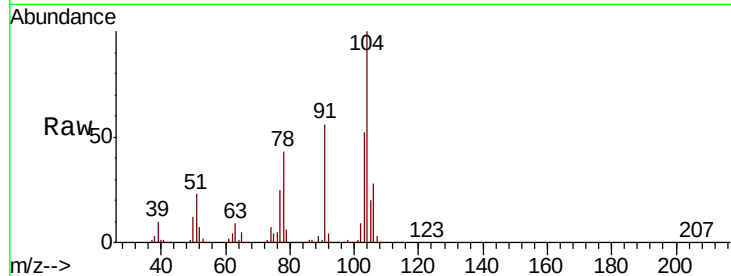




#69
Stvrene
Concen: 18.869 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

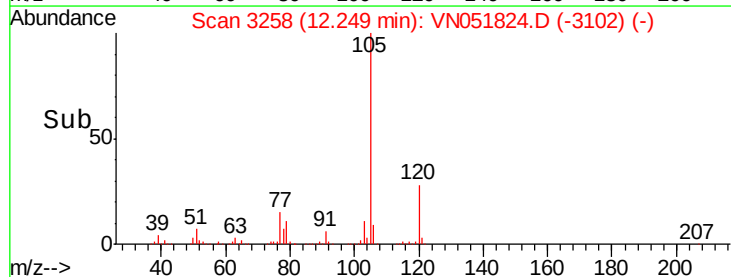
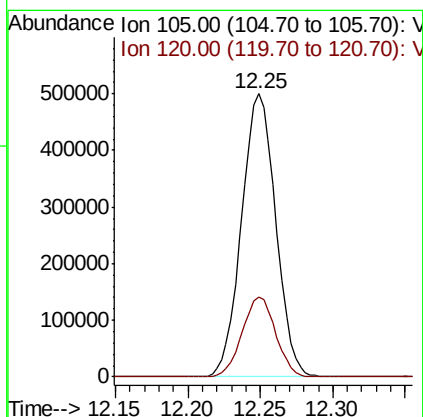
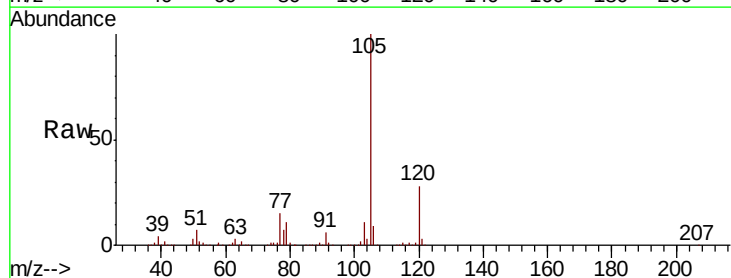
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

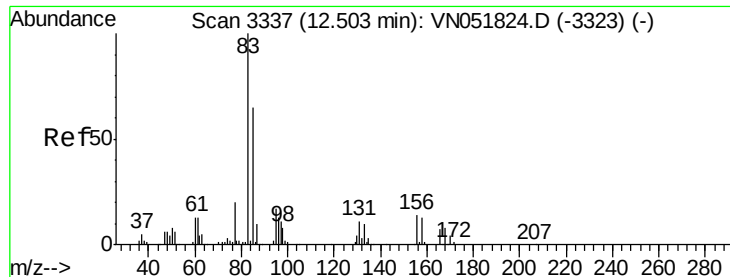
Tot Ion:104 Resp: 456696
Ion Ratio Lower Upper
104 100
78 47.8 40.6 60.8
103 55.9 44.0 66.0



#70
Isopropylbenzene
Concen: 19.515 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

Tgt Ion:105 Resp: 820919
Ion Ratio Lower Upper
105 100
120 27.7 19.0 35.4

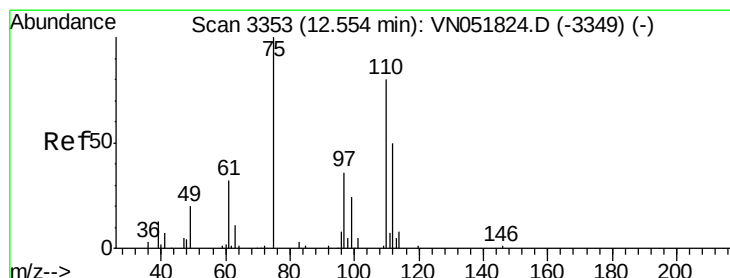
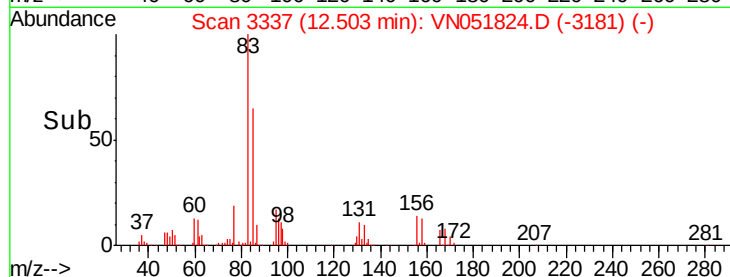
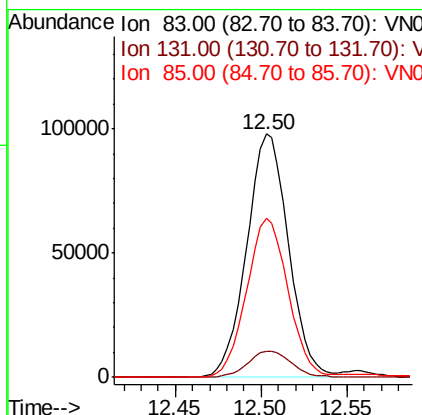
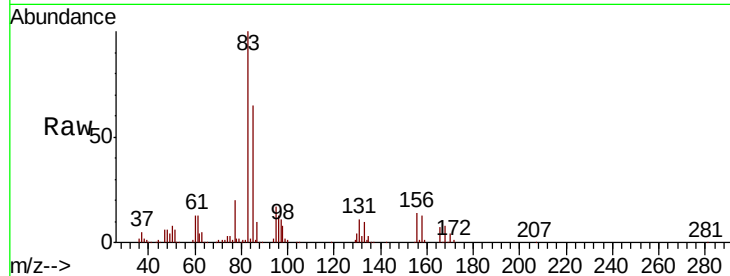




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.821 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN051824.D
 Acq: 12 Oct 2018 8:38

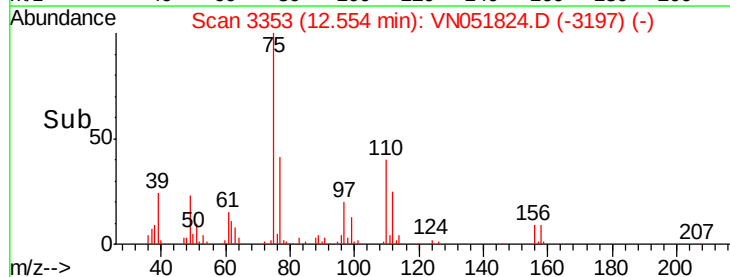
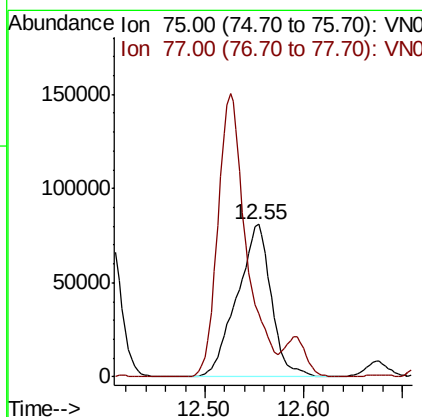
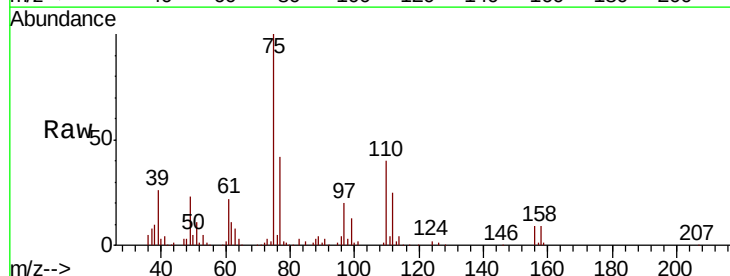
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

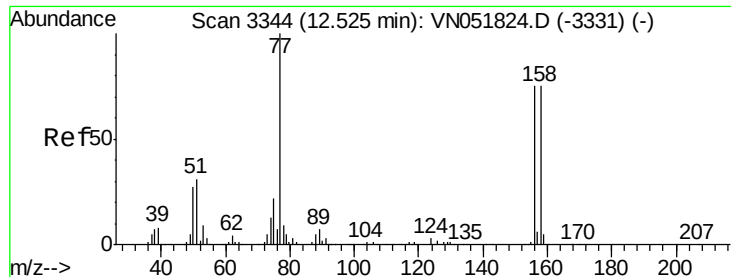
Tot Ion	83	Resp	164663
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.4
85	64.7	30.6	91.8



#72
 1,2,3-Trichloropropane
 Concen: 29.731 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN051824.D
 Acq: 12 Oct 2018 8:38

Tgt Ion	75	Resp	194300
Ion Ratio	Lower	Upper	
75	100		
77	156.4	0.0	400.0





#73

Bromobenzene

Concen: 18.808 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

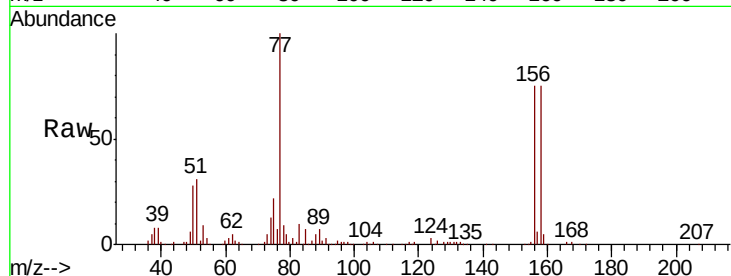
Tot Ion:156 Resp: 195971

Ion Ratio Lower Upper

156 100

77 155.1 0.0 377.4

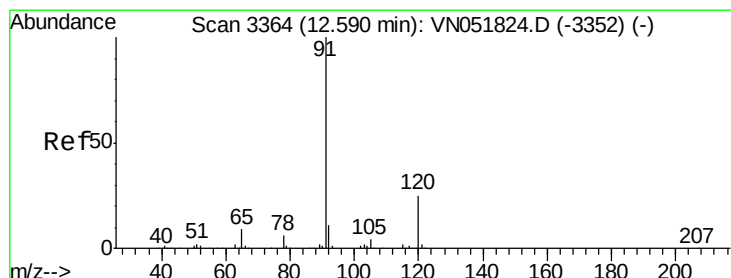
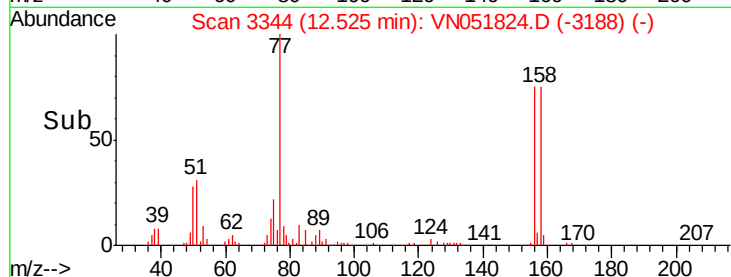
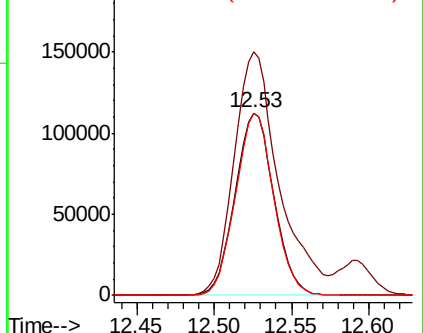
158 98.4 0.0 203.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.372 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051824.D

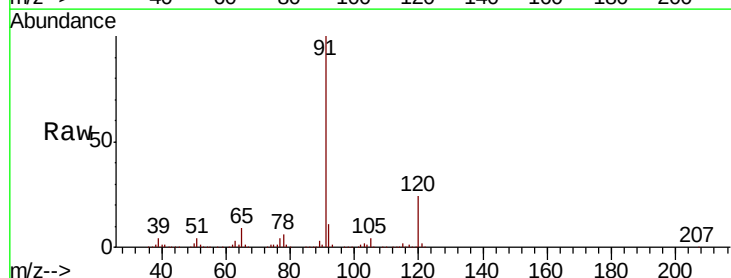
Acq: 12 Oct 2018 8:38

Tgt Ion: 91 Resp: 876555

Ion Ratio Lower Upper

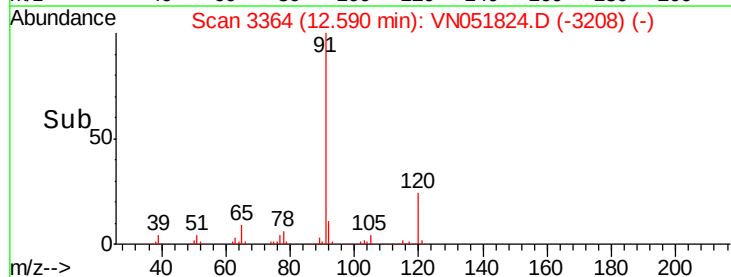
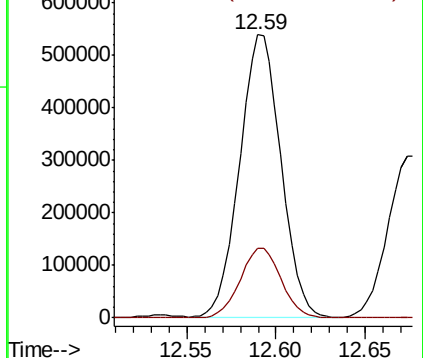
91 100

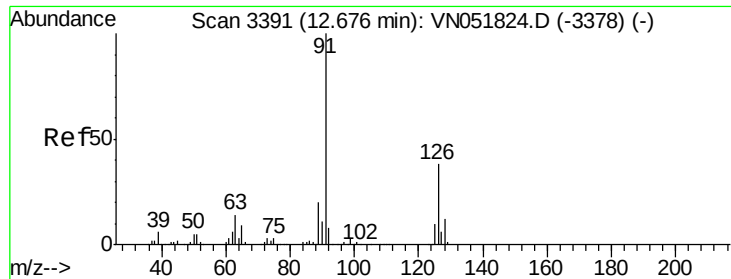
120 24.4 0.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.551 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampleId :

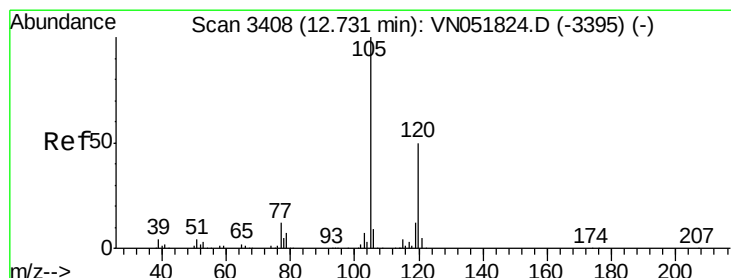
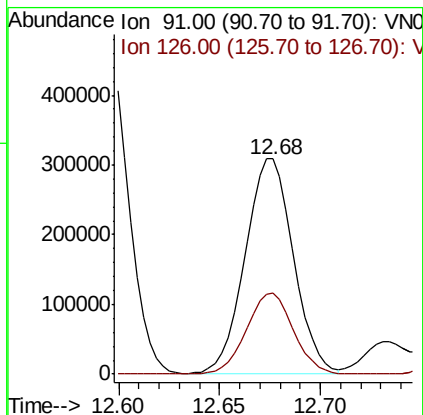
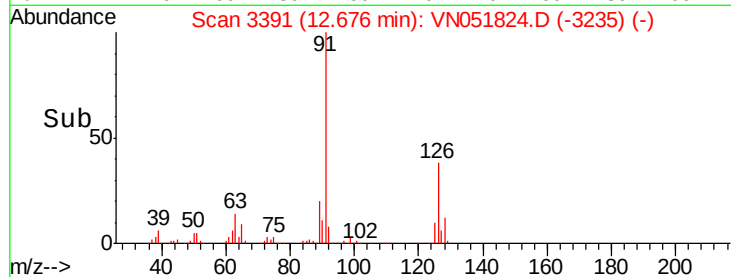
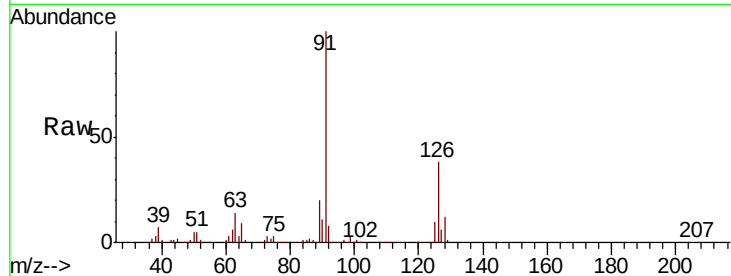
VSTDICCC020

Tot Ion: 91 Resp: 518650

Ion Ratio Lower Upper

91 100

126 36.6 0.0 67.6



#76

1,3,5-Trimethylbenzene

Concen: 19.395 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051824.D

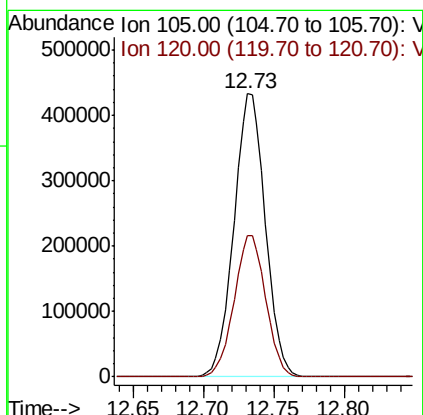
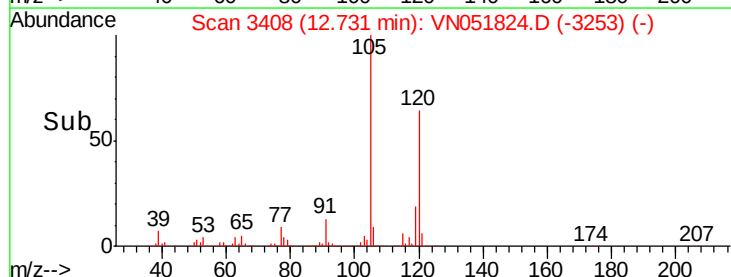
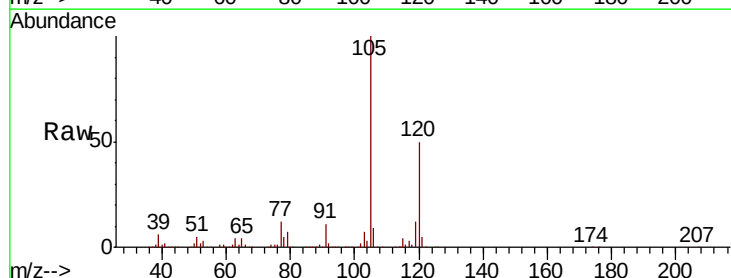
Acq: 12 Oct 2018 8:38

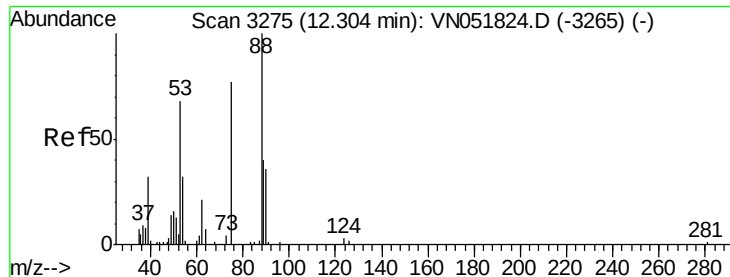
Tgt Ion:105 Resp: 674680

Ion Ratio Lower Upper

105 100

120 50.2 0.0 98.2





#77

t-1,4-Dichloro-2-butene

Concen: 17.584 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

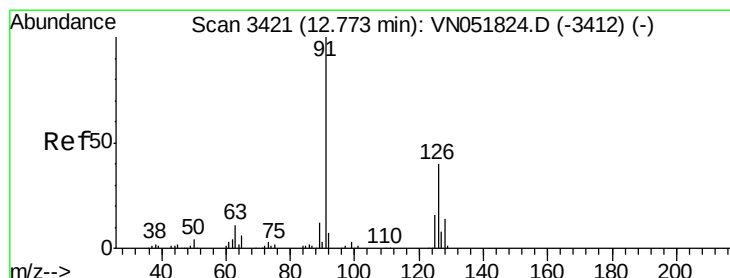
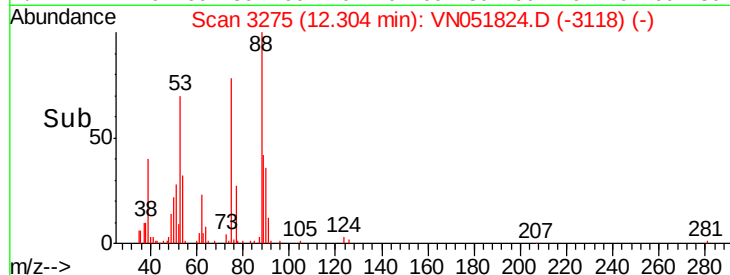
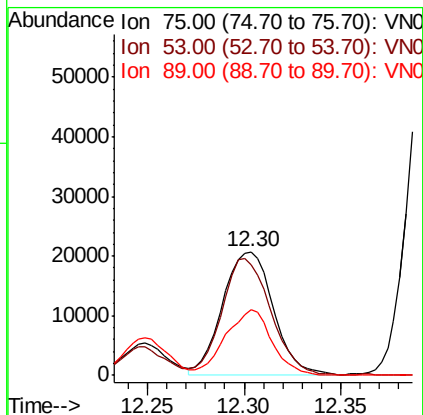
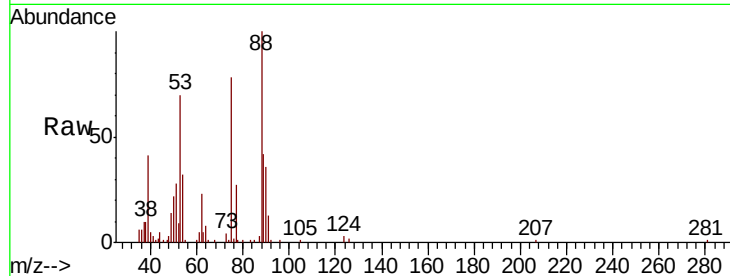
Tot Ion: 75 Resp: 38007

Ion	Ratio	Lower	Upper
75	100		
53	89.0	46.3	138.9
89	53.1	24.6	73.8

75 100

53 89.0 46.3 138.9

89 53.1 24.6 73.8



#78

4-Chlorotoluene

Concen: 19.173 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN051824.D

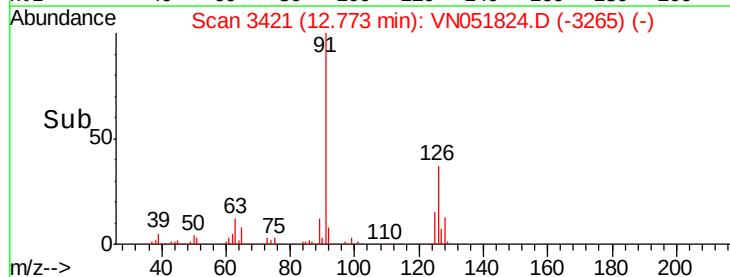
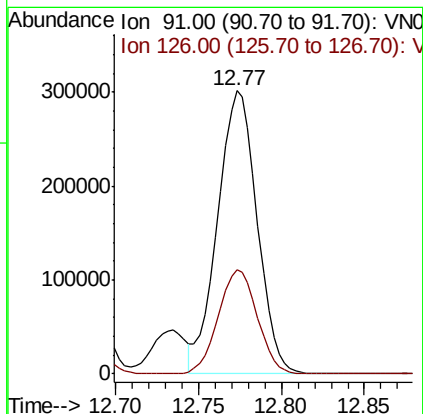
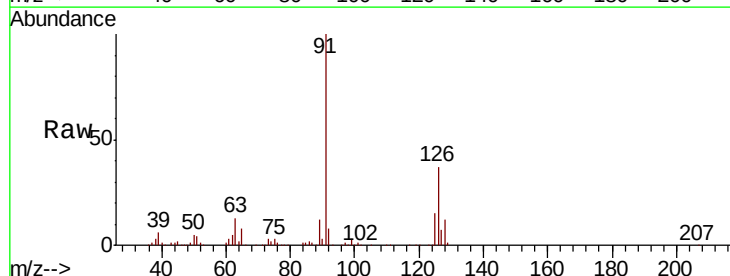
Acq: 12 Oct 2018 8:38

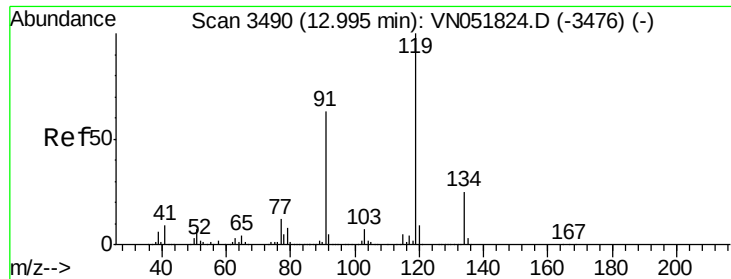
Tgt Ion: 91 Resp: 499720

Ion	Ratio	Lower	Upper
91	100		
126	36.4	0.0	65.2

91 100

126 36.4 0.0 65.2

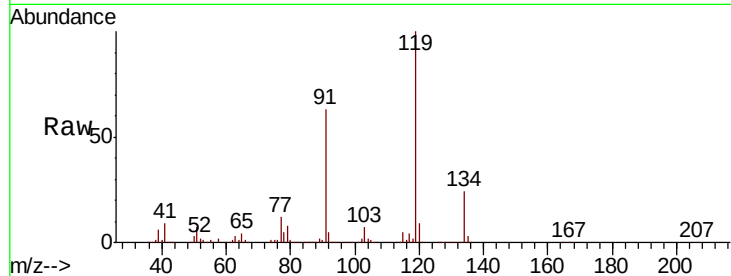




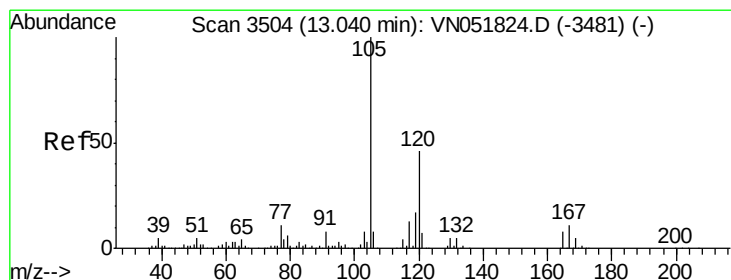
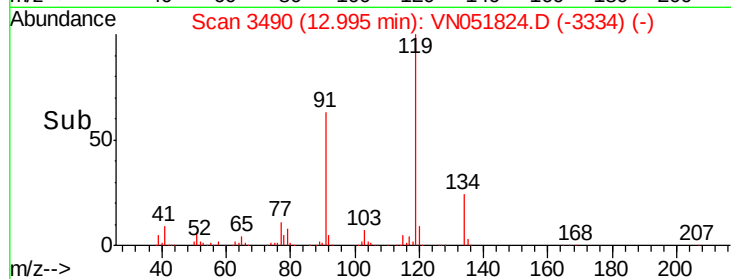
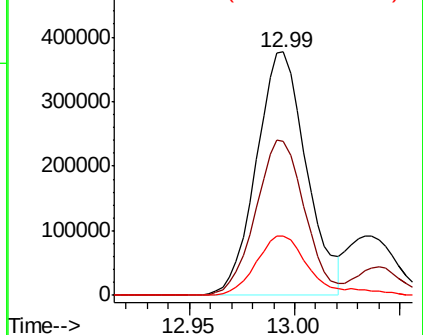
#79
tert-butylbenzene
Concen: 19.509 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion:119 Resp: 624120
Ion Ratio Lower Upper
119 100
91 62.2 0.0 131.6
134 24.6 0.0 46.2

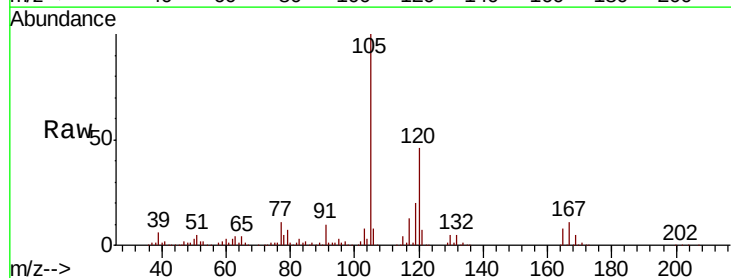


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

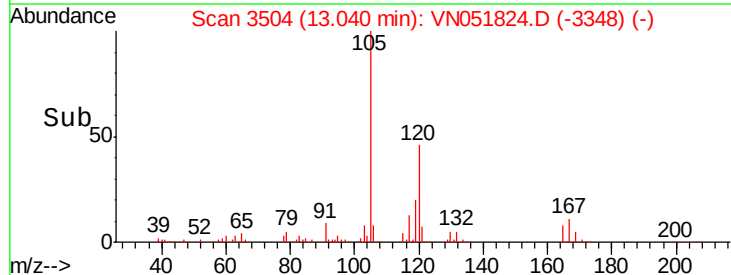
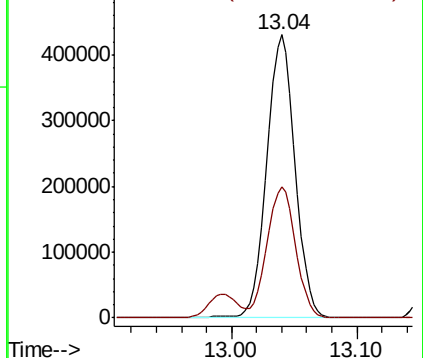


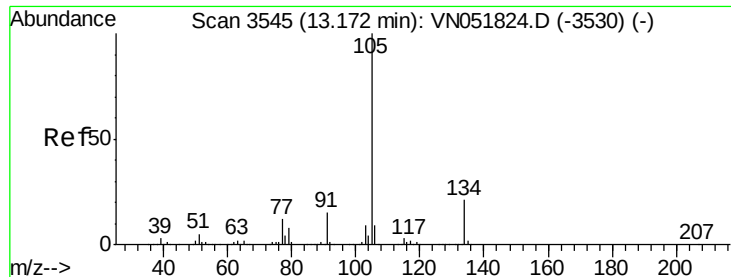
#80
1,2,4-Trimethylbenzene
Concen: 19.424 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

Tgt Ion:105 Resp: 675316
Ion Ratio Lower Upper
105 100
120 47.1 0.0 89.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.479 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampleId :

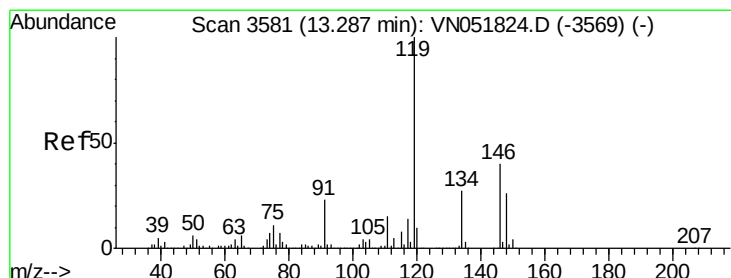
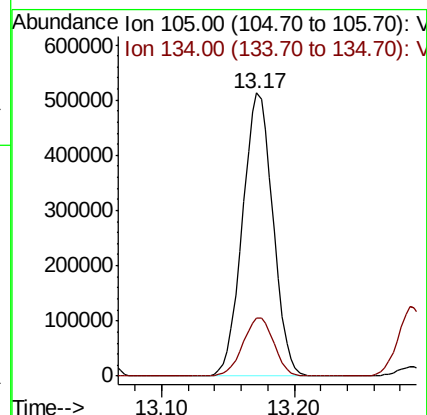
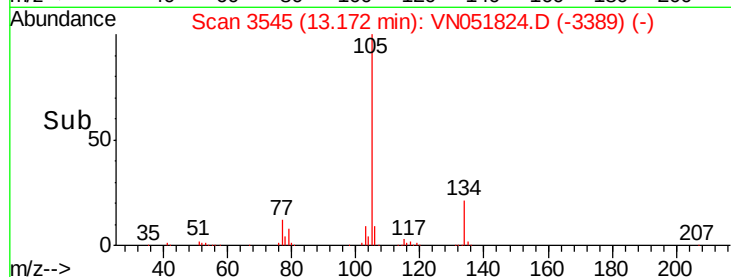
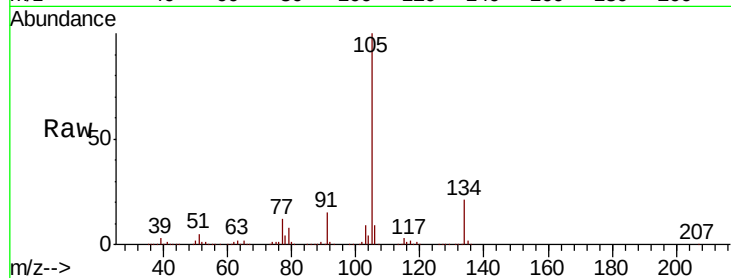
VSTDICCC020

Tot Ion:105 Resp: 815162

Ion Ratio Lower Upper

105 100

134 21.0 0.0 39.4



#82

p-Isopropyltoluene

Concen: 18.889 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

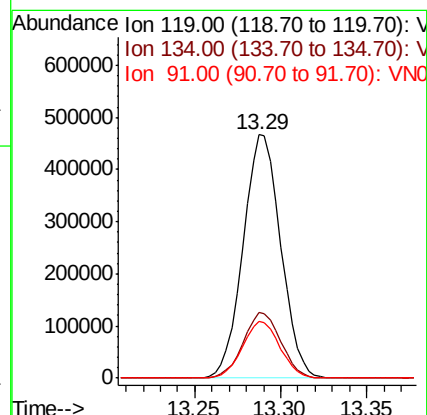
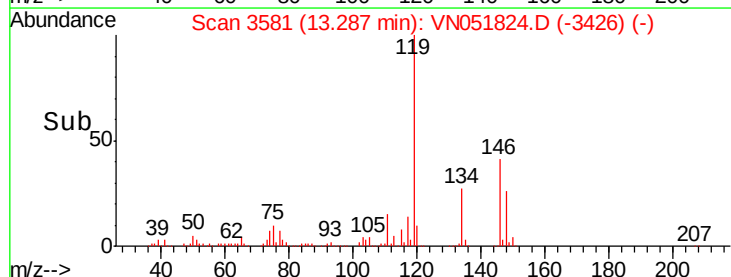
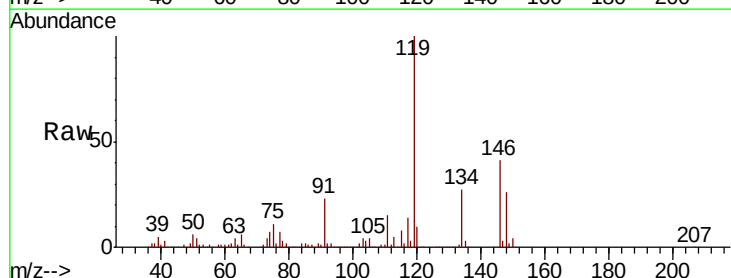
Tgt Ion:119 Resp: 707363

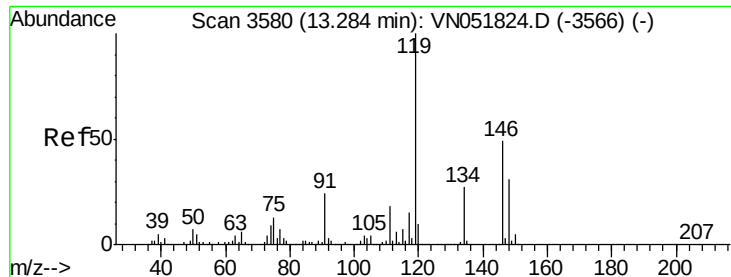
Ion Ratio Lower Upper

119 100

134 27.0 0.0 53.6

91 23.3 0.0 52.0

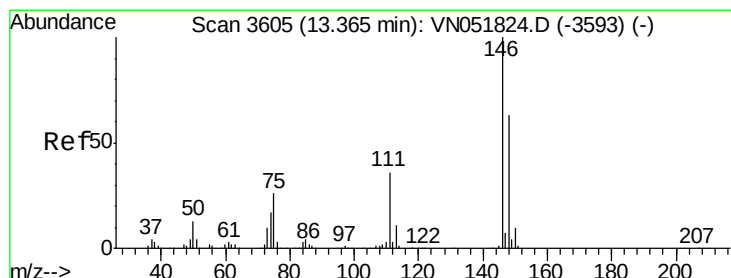
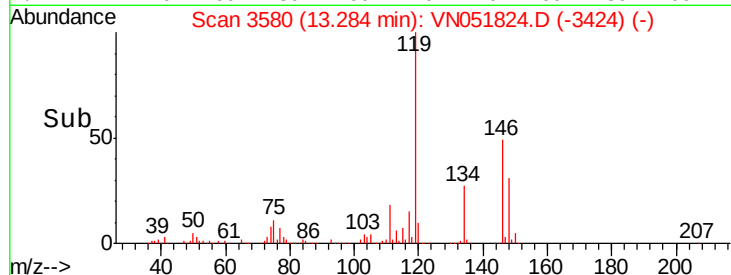
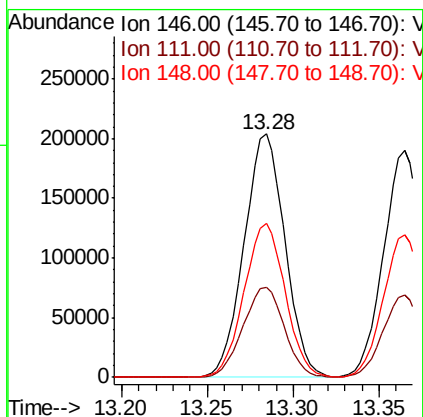
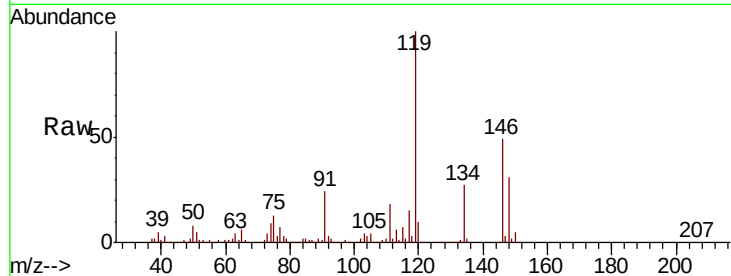




#83
 1,3-Dichlorobenzene
 Concen: 18.275 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051824.D
 Acq: 12 Oct 2018 8:38

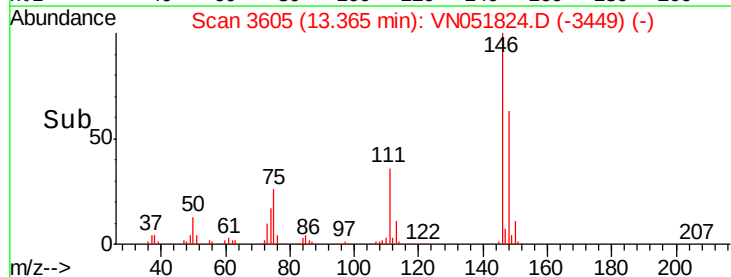
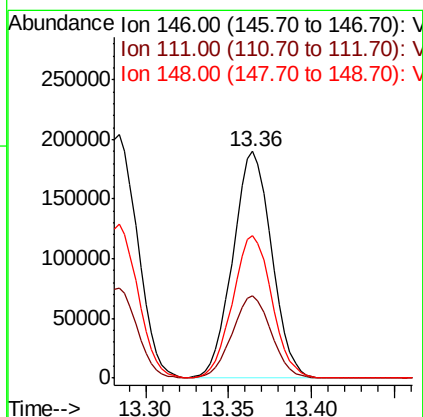
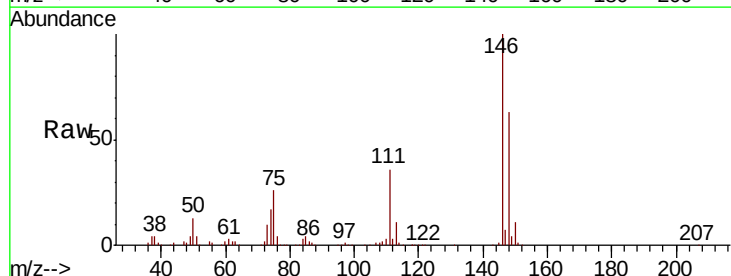
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

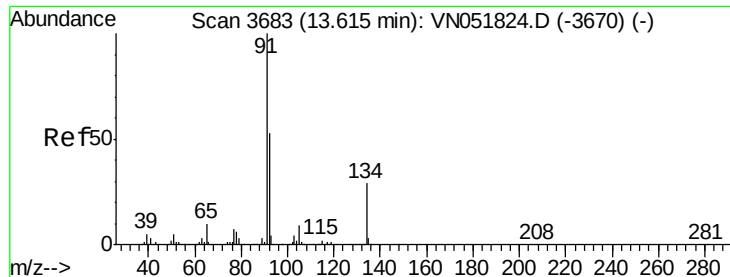
Tot Ion:146 Resp: 336007
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.1 54.3
 148 63.4 31.3 93.8



#84
 1,4-Dichlorobenzene
 Concen: 17.908 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051824.D
 Acq: 12 Oct 2018 8:38

Tgt Ion:146 Resp: 309962
 Ion Ratio Lower Upper
 146 100
 111 36.4 17.4 52.2
 148 63.5 32.8 98.3

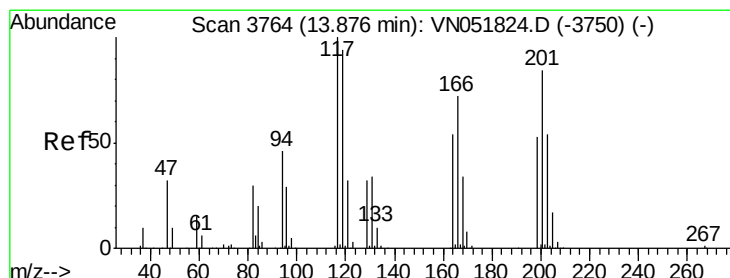
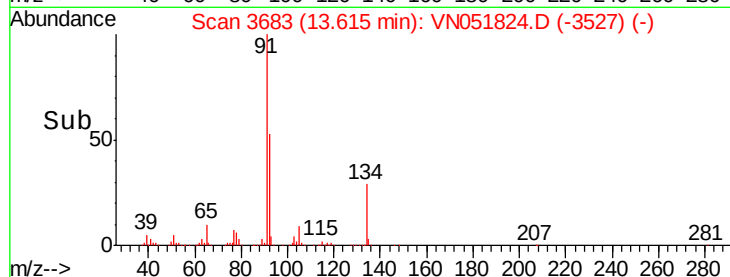
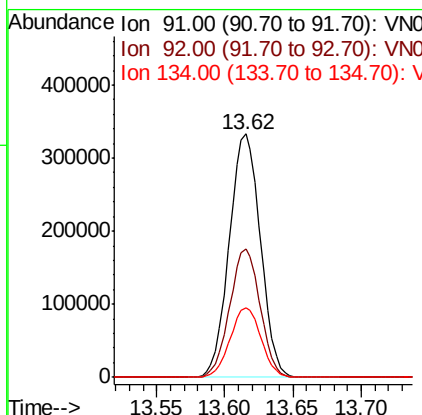
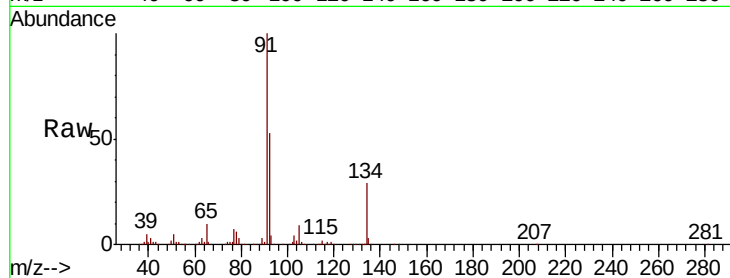




#85
n-Butylbenzene
Concen: 18.713 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

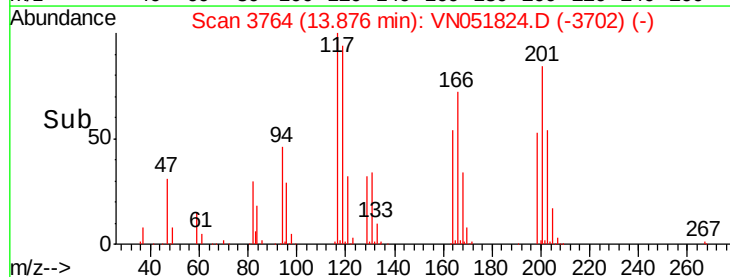
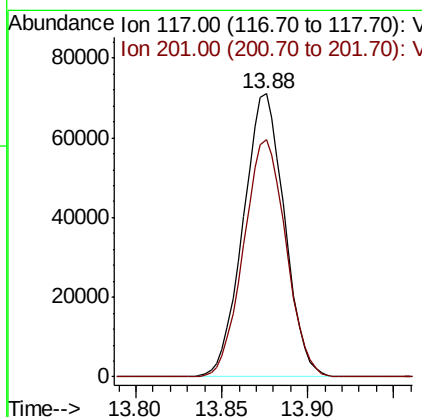
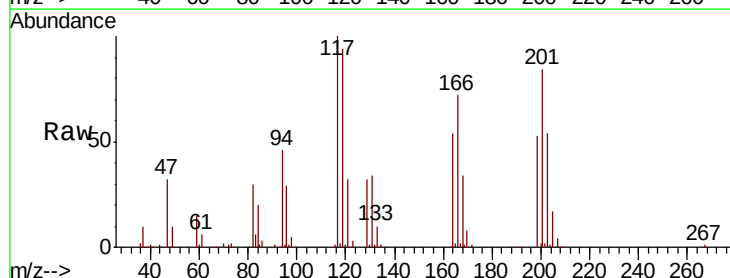
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

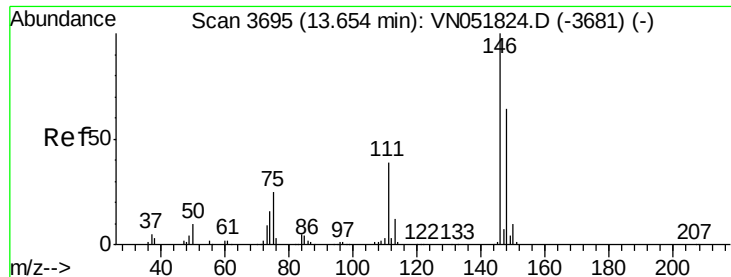
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	0.0	97.4
134	28.3	0.0	49.6



#86
Hexachloroethane
Concen: 18.353 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN051824.D
Acq: 12 Oct 2018 8:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.7	47.8	143.3

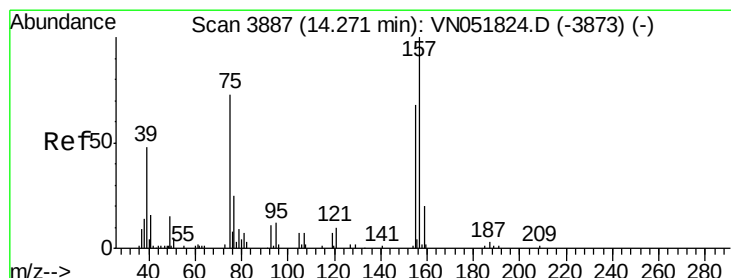
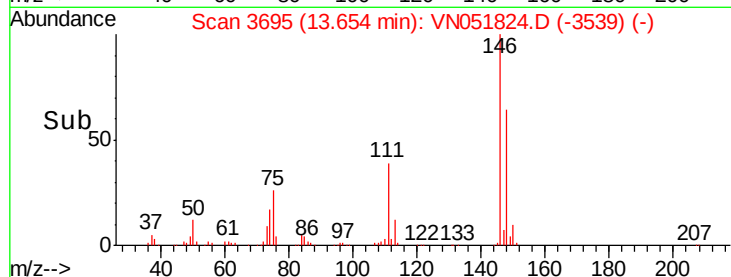
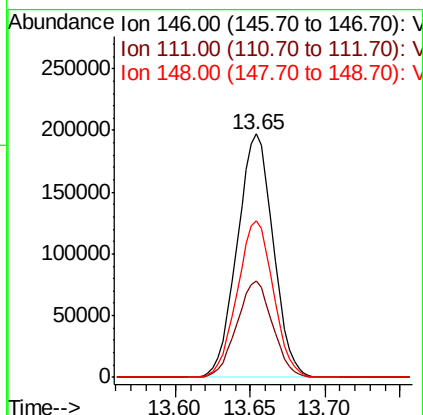
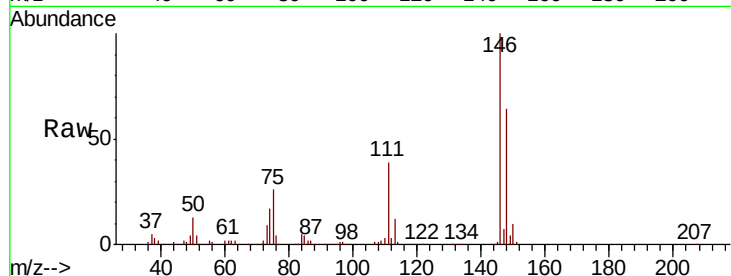




#87
 1,2-Dichlorobenzene
 Concen: 18.551 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051824.D
 Acq: 12 Oct 2018 8:38

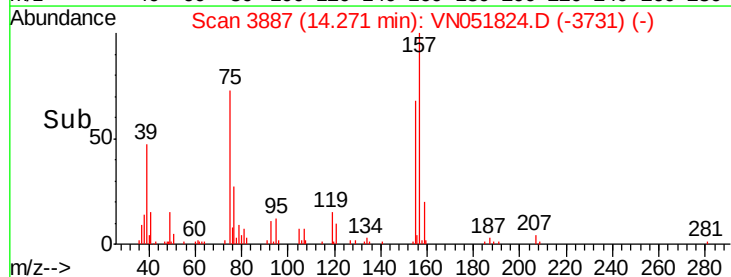
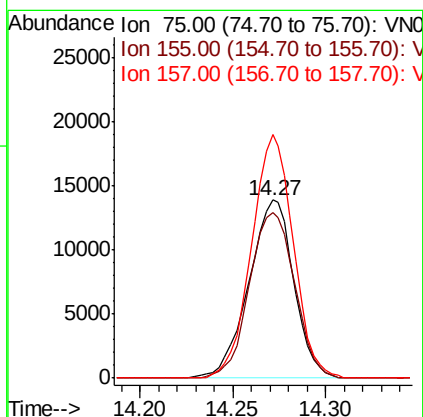
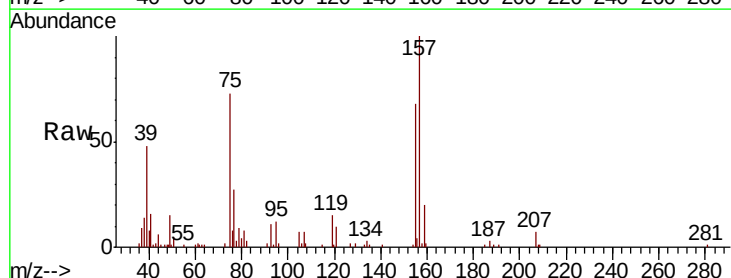
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

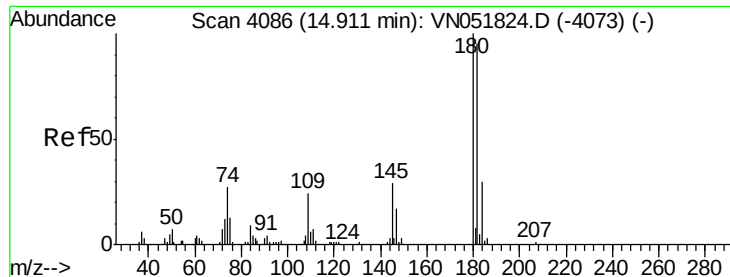
Tot Ion:146 Resp: 330214
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.8 62.2
 148 64.4 33.2 99.6



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.938 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN051824.D
 Acq: 12 Oct 2018 8:38

Tgt Ion: 75 Resp: 23495
 Ion Ratio Lower Upper
 75 100
 155 93.7 57.0 85.6#
 157 126.9 87.4 131.0

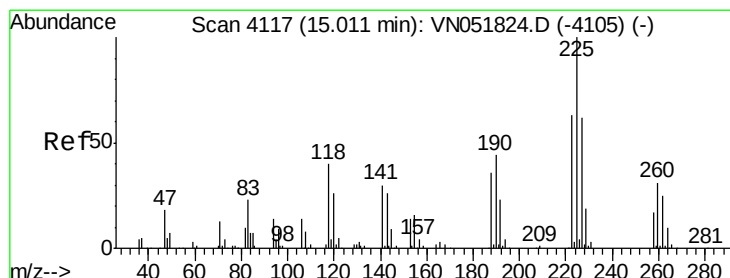
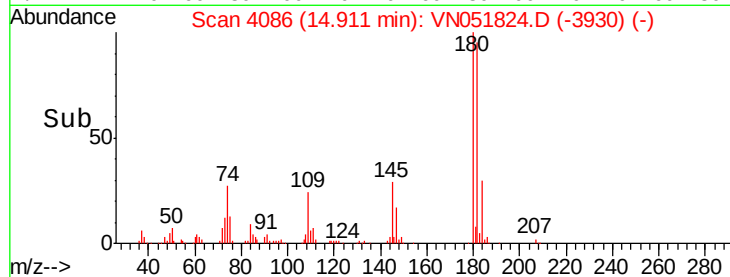
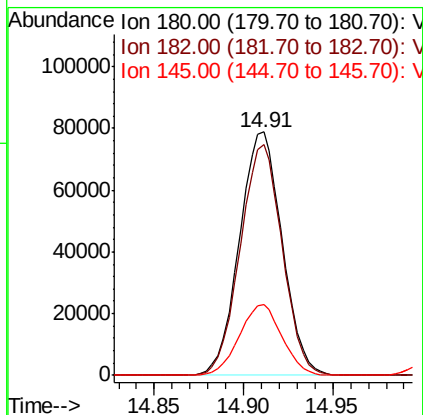
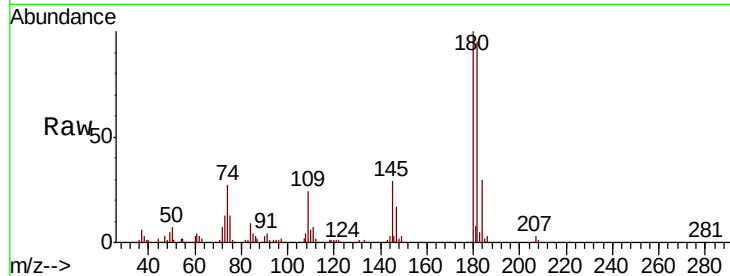




#89
 1,2,4-Trichlorobenzene
 Concen: 18.941 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051824.D
 Acq: 12 Oct 2018 8:38

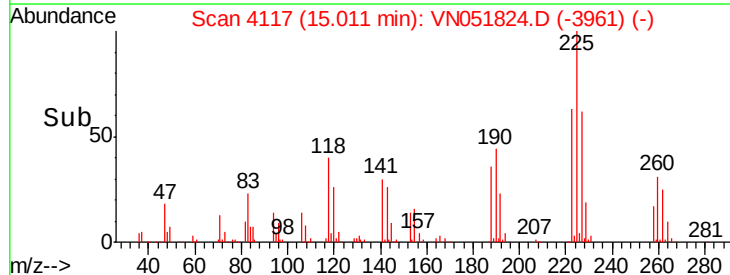
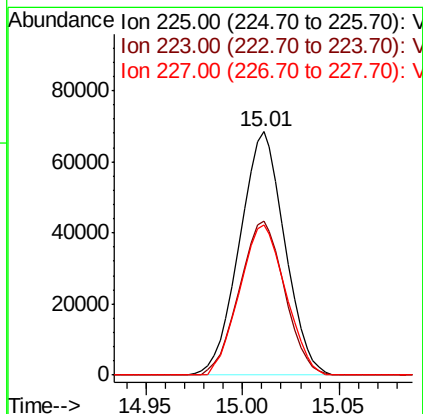
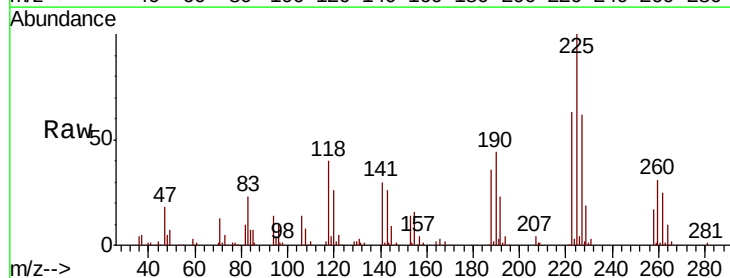
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

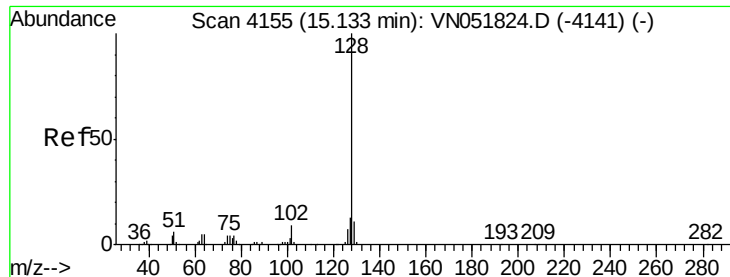
Tot Ion:180 Resp: 131737
 Ion Ratio Lower Upper
 180 100
 182 93.4 77.7 116.5
 145 29.2 23.4 35.2



#90
 Hexachlorobutadiene
 Concen: 19.387 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051824.D
 Acq: 12 Oct 2018 8:38

Tgt Ion:225 Resp: 111207
 Ion Ratio Lower Upper
 225 100
 223 63.3 0.0 117.0
 227 62.8 0.0 127.0





#91

Naphthalene

Concen: 18.857 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

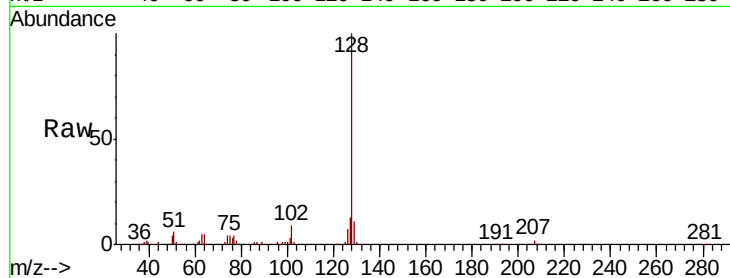
Tot Ion:128 Resp: 251346

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

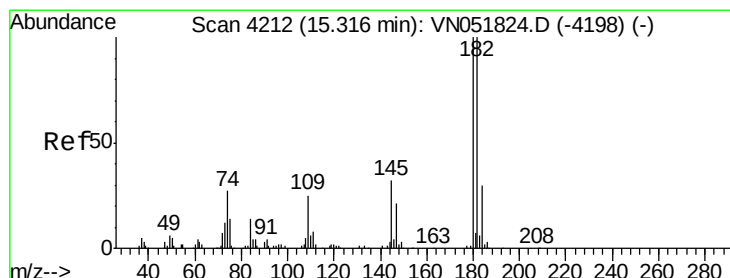
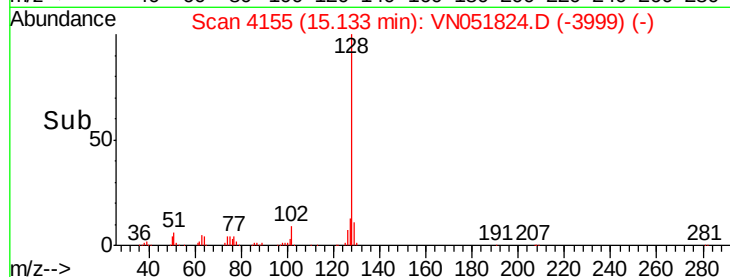
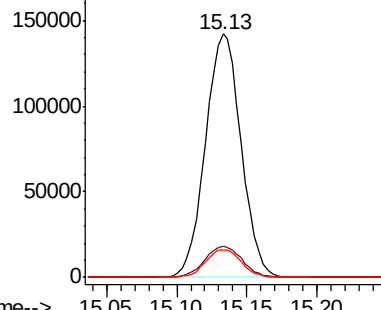
129 11.5 8.4 12.6



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: 16.810 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051824.D

Acq: 12 Oct 2018 8:38

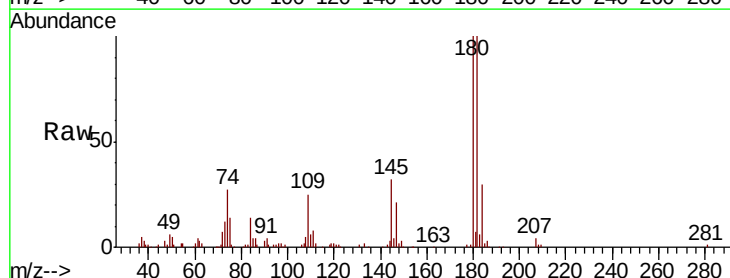
Tgt Ion:180 Resp: 136131

Ion Ratio Lower Upper

180 100

182 98.2 0.0 198.0

145 32.4 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

