

Data File : VN052473.D
Acq On : 27 Nov 2018 11:58
Operator : MD\SY
Sample : VSTDICV050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
ICVNN112718

Quant Time: Nov 28 01:17:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1137366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1731406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1542601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	710446	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	600105	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
35) Dibromofluoromethane	7.59	113	536213	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	10.09	98	2080257	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	12.40	95	711770	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	505732	47.489	ug/l	97
3) Chloromethane	2.06	50	660893	47.014	ug/l	98
4) Vinyl Chloride	2.19	62	671307	46.488	ug/l	99
5) Bromomethane	2.57	94	400797	44.483	ug/l	100
6) Chloroethane	2.71	64	402327	45.996	ug/l	100
7) Trichlorofluoromethane	3.02	101	844734	47.623	ug/l	99
8) Diethyl Ether	3.41	74	320125	48.871	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	545000	49.240	ug/l	99
10) Methyl Iodide	3.96	142	719106	48.780	ug/l	99
11) Tert butyl alcohol	4.78	59	125230	201.994	ug/l	99
12) 1,1-Dichloroethene	3.74	96	510326	47.899	ug/l	99
13) Acrolein	3.61	56	262561	242.587	ug/l	99
14) Allyl chloride	4.33	41	911386	49.633	ug/l	99
15) Acrylonitrile	4.99	53	937458	238.874	ug/l	99
16) Acetone	3.82	43	786573	240.810	ug/l	100
17) Carbon Disulfide	4.06	76	1580990	47.154	ug/l	100
18) Methyl Acetate	4.33	43	452801	48.328	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1393819	49.170	ug/l	99
20) Methylene Chloride	4.55	84	573982	44.905	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	546669	48.043	ug/l	97
22) Diisopropyl ether	5.95	45	1853171	48.046	ug/l	99
23) Vinyl Acetate	5.90	43	6029106	250.962	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1047638	47.571	ug/l	100
25) 2-Butanone	6.83	43	1118124	241.510	ug/l	98
26) 2,2-Dichloropropane	6.83	77	768479	50.414	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	624569	47.120	ug/l	99
28) Bromochloromethane	7.19	49	469511	46.677	ug/l	98
29) Tetrahydrofuran	7.21	42	690367	231.189	ug/l	99
30) Chloroform	7.37	83	1010204	45.977	ug/l	98
31) Cyclohexane	7.65	56	1022091	47.935	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	838614	48.173	ug/l	99
36) 1,1-Dichloropropene	7.79	75	803096	49.119	ug/l	99
37) Ethyl Acetate	6.93	43	482313	48.336	ug/l	99
38) Carbon Tetrachloride	7.77	117	728571	49.224	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1023180	51.486	ug/l	99
40) Benzene	8.04	78	2367073	48.579	ug/l	100
41) Methacrylonitrile	7.17	41	256135	46.952	ug/l	94
42) 1,2-Dichloroethane	8.12	62	720477	48.833	ug/l	100
43) Isopropyl Acetate	8.16	43	845198	50.052	ug/l	99
44) Trichloroethene	8.84	130	609948	48.869	ug/l	100
45) 1,2-Dichloropropane	9.12	63	631581	48.754	ug/l	98
46) Dibromomethane	9.21	93	350206	48.833	ug/l	99
47) Bromodichloromethane	9.40	83	766208	49.141	ug/l	100
48) Methyl methacrylate	9.20	41	443620	50.382	ug/l	99
49) 1,4-Dioxane	9.20	88	66610	728.922	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	2348329	247.859	ug/l	99
52) Toluene	10.16	92	1453489	50.206	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	782566	52.171	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	932581	51.881	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	499250	49.026	ug/l	99
56) Ethyl methacrylate	10.43	69	659295	46.805	ug/l	100
57) 1,3-Dichloropropane	10.71	76	876136	48.725	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1836930	248.590	ug/l	100
59) 2-Hexanone	10.75	43	1646315	258.903	ug/l	99
60) Dibromochloromethane	10.90	129	555416	50.217	ug/l	99
61) 1,2-Dibromoethane	11.01	107	498653	49.302	ug/l	99
64) Tetrachloroethene	10.63	164	570311	47.684	ug/l	99
65) Chlorobenzene	11.44	112	1570436	49.372	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	545722	49.342	ug/l	100
67) Ethyl Benzene	11.51	91	2804578	50.350	ug/l	99
68) m/p-Xylenes	11.62	106	2094101	100.986	ug/l	100
69) o-Xylene	11.95	106	1016078	50.459	ug/l	99
70) Styrene	11.97	104	1654323	51.580	ug/l	100
71) Bromoform	12.13	173	372468	50.863	ug/l #	99
73) Isopropylbenzene	12.25	105	2727744	48.938	ug/l	100
74) N-amyl acetate	12.07	43	727456	51.659	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	602231	47.497	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	755600	68.970	ug/l #	100
77) Bromobenzene	12.53	156	665933	48.336	ug/l	100
78) n-propylbenzene	12.59	91	3189546	50.370	ug/l	100
79) 2-Chlorotoluene	12.68	91	1837738	48.735	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2238198	50.348	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	165634	50.490	ug/l	99
82) 4-Chlorotoluene	12.77	91	1866866	49.123	ug/l	99
83) tert-Butylbenzene	12.99	119	1948190	49.158	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	2254962	50.616	ug/l	100
85) sec-Butylbenzene	13.17	105	2711411	50.231	ug/l	99
86) p-Isopropyltoluene	13.29	119	2346427	51.037	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1191721	49.451	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1169860	49.283	ug/l	100
89) n-Butylbenzene	13.62	91	2046176	53.515	ug/l	100
90) Hexachloroethane	13.88	117	387760	49.811	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1139610	49.496	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	89159	49.166	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
Quantitation Report (Not Reviewed)

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ICVVN112718

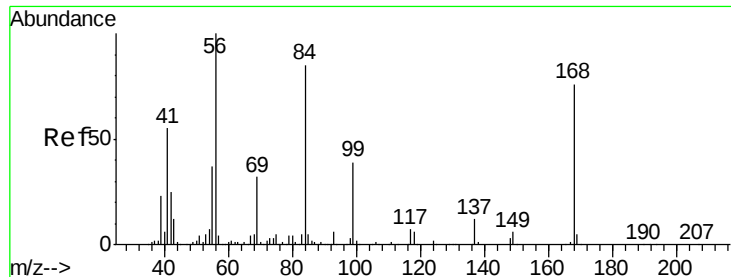
Quant Time: Nov 28 01:17:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	598264	47.578	ug/l	99
94) Hexachlorobutadiene	15.01	225	391455	52.849	ug/l	99
95) Naphthalene	15.14	128	1194075	45.009	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	537265	46.529	ug/l	99

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

Quant Time: Nov 28 01:17:28 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

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Acq: 27 Nov 2018 11:58

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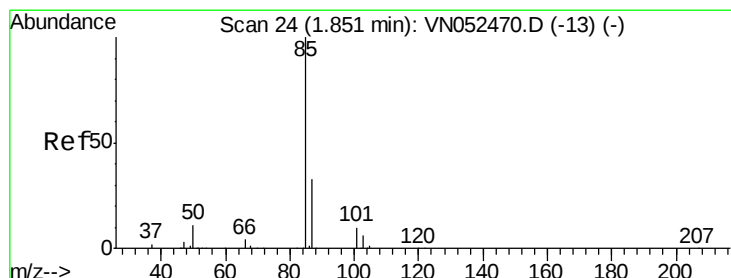
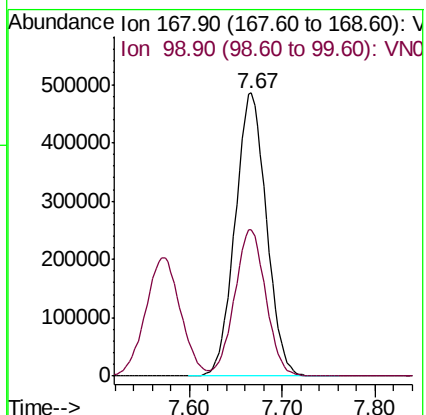
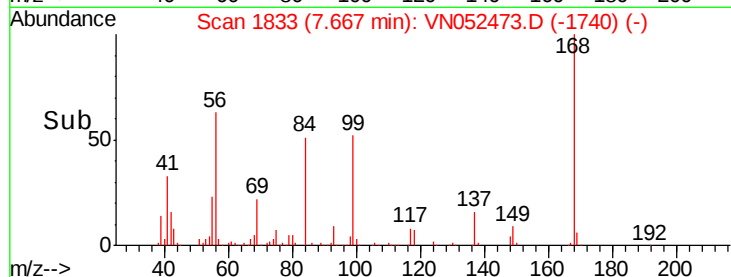
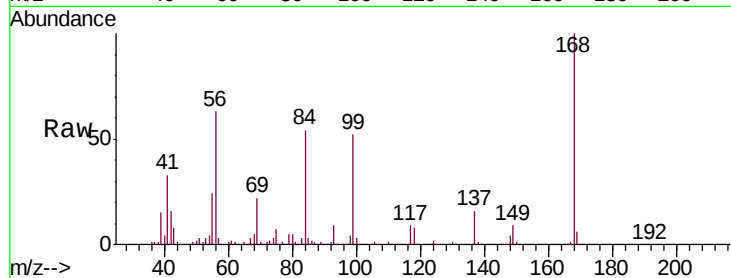
ICVFN112718

Tgt Ion:168 Resp: 1137366

Ion Ratio Lower Upper

168 100

99 51.8 41.7 62.5



#2

Dichlorodifluoromethane

Concen: 47.489 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052473.D

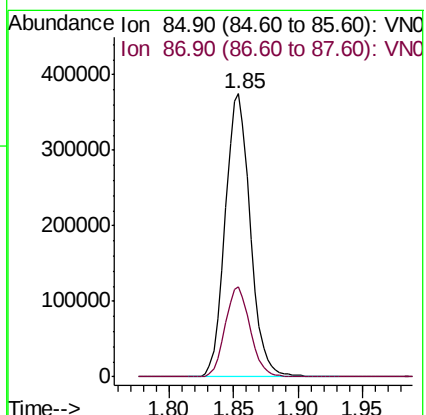
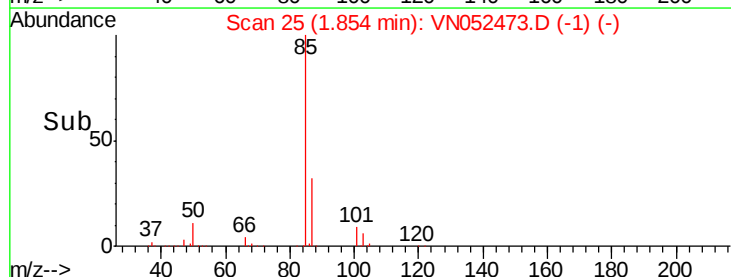
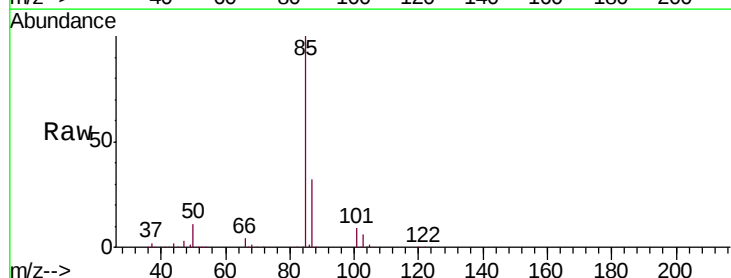
Acq: 27 Nov 2018 11:58

Tgt Ion: 85 Resp: 505732

Ion Ratio Lower Upper

85 100

87 31.8 16.7 50.1





#3

Chloromethane

Concen: 47.014 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

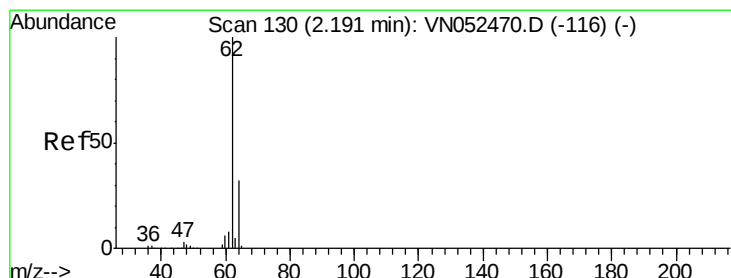
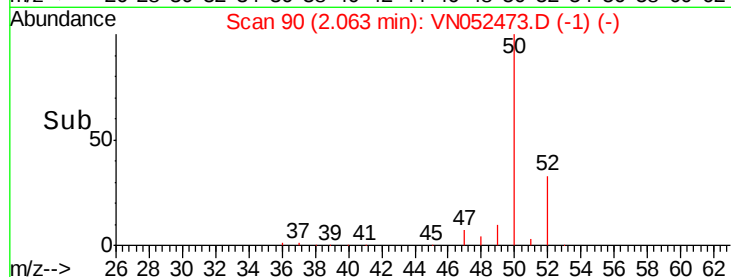
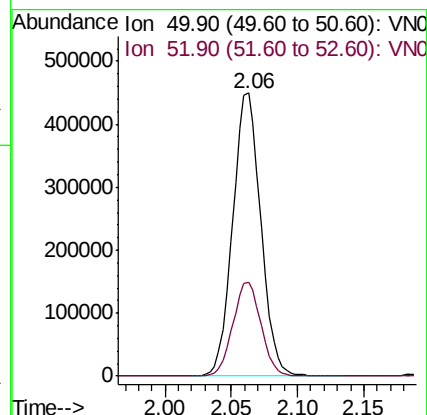
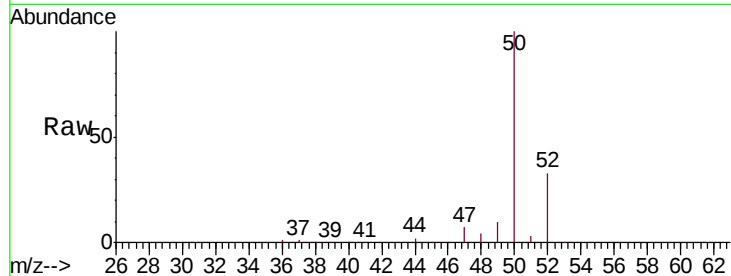
ICVVN112718

Tgt Ion: 50 Resp: 660893

Ion Ratio Lower Upper

50 100

52 33.4 25.9 38.9



#4

Vinyl Chloride

Concen: 46.488 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN052473.D

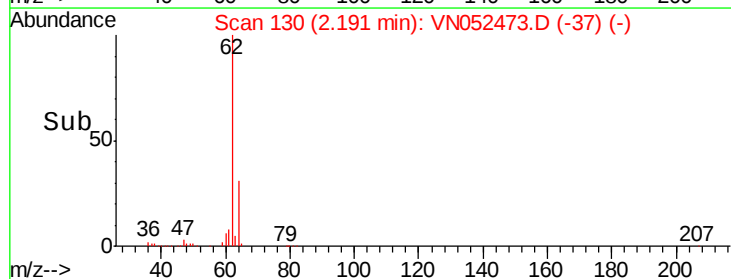
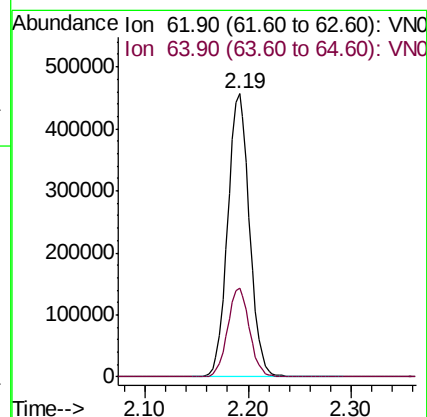
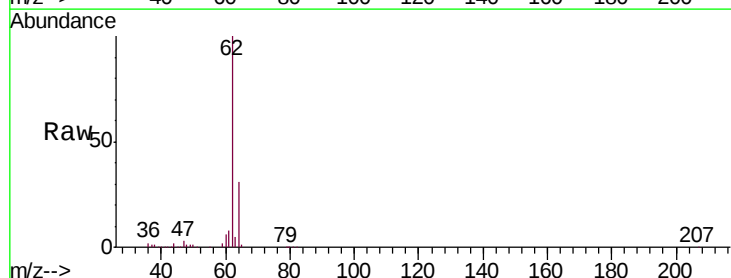
Acq: 27 Nov 2018 11:58

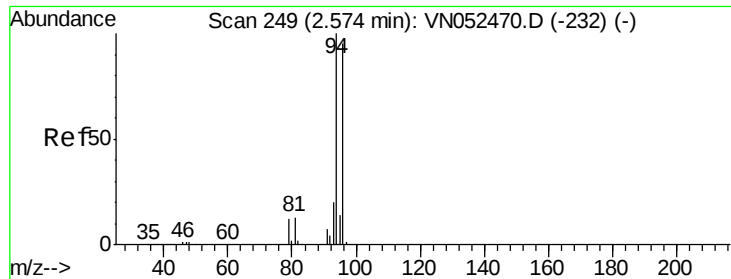
Tgt Ion: 62 Resp: 671307

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.2





#5

Bromomethane

Concen: 44.483 ug/l

RT: 2.57 min Scan# 247

Delta R.T. -0.01 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

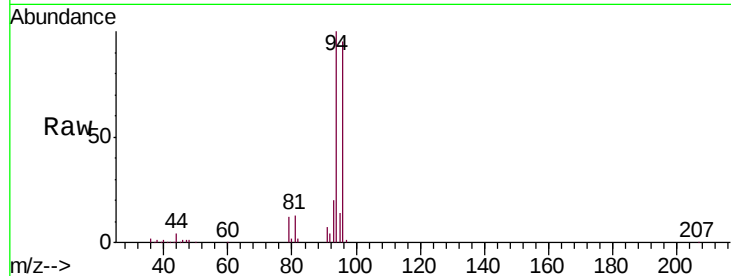
ICVVN112718

Tgt Ion: 94 Resp: 400797

Ion Ratio Lower Upper

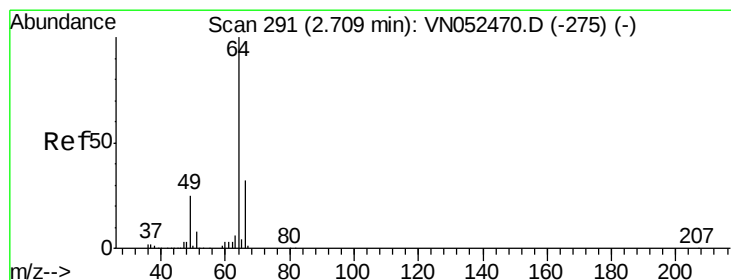
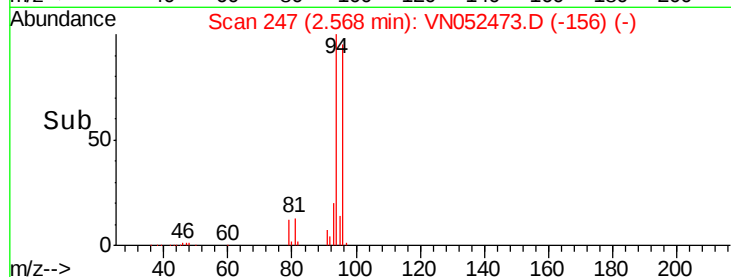
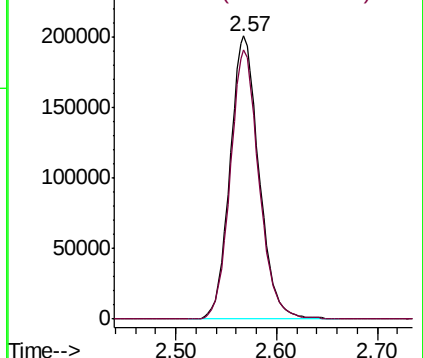
94 100

96 95.1 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC



#6

Chloroethane

Concen: 45.996 ug/l

RT: 2.71 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN052473.D

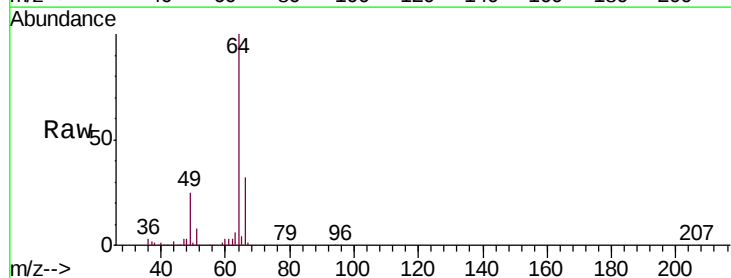
Acq: 27 Nov 2018 11:58

Tgt Ion: 64 Resp: 402327

Ion Ratio Lower Upper

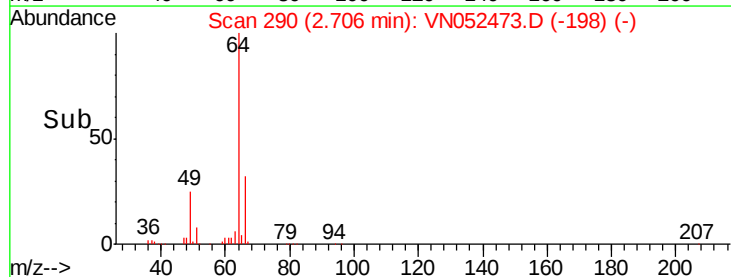
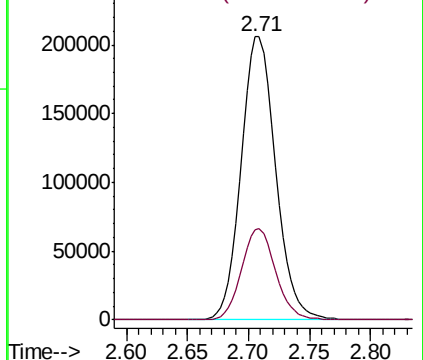
64 100

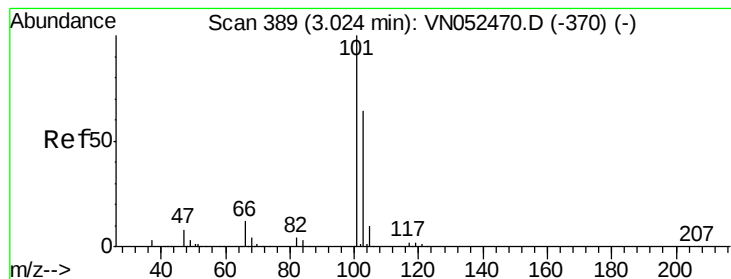
66 31.9 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VNC

Ion 65.90 (65.60 to 66.60): VNC



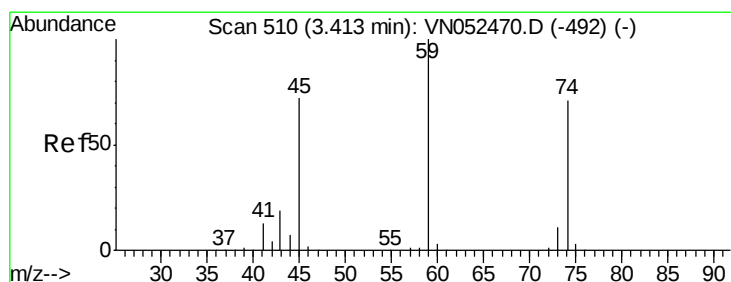
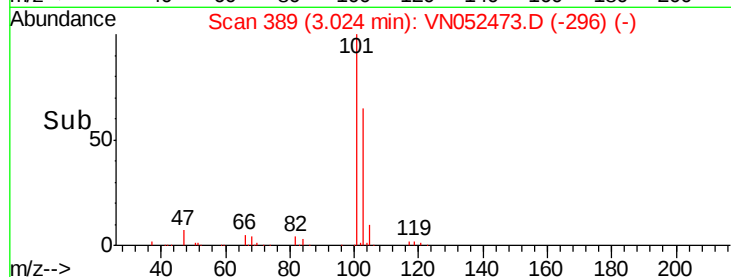
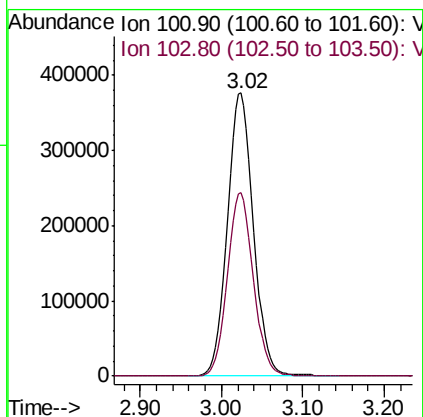
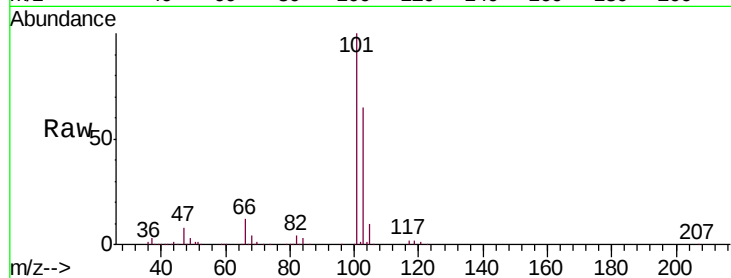


#7

Trichlorofluoromethane
 Concen: 47.623 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN052473.D
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Instrument :
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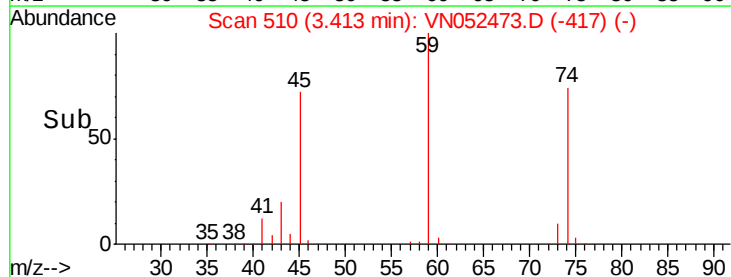
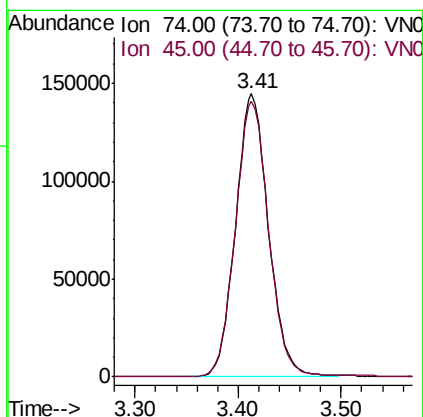
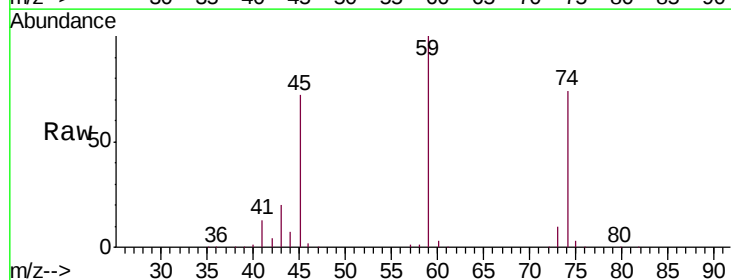
Tgt Ion:101 Resp: 844734
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.2

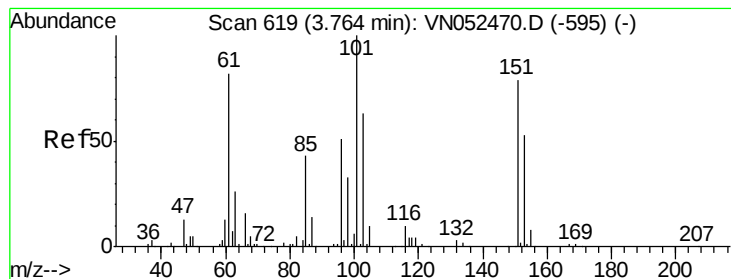


#8

Diethyl Ether
 Concen: 48.871 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN052473.D
 Acq: 27 Nov 2018 11:58

Tgt Ion: 74 Resp: 320125
 Ion Ratio Lower Upper
 74 100
 45 99.0 50.4 151.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.240 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

ICVFN112718

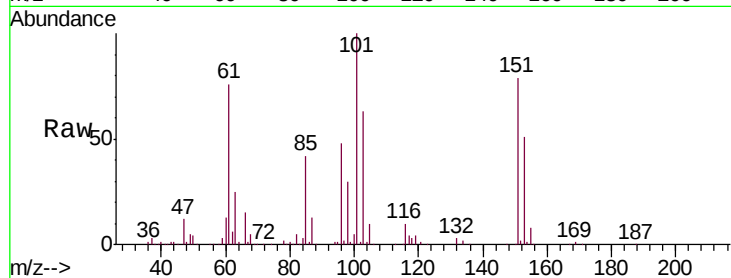
Tgt Ion:101 Resp: 545000

Ion Ratio Lower Upper

101 100

85 41.9 34.2 51.4

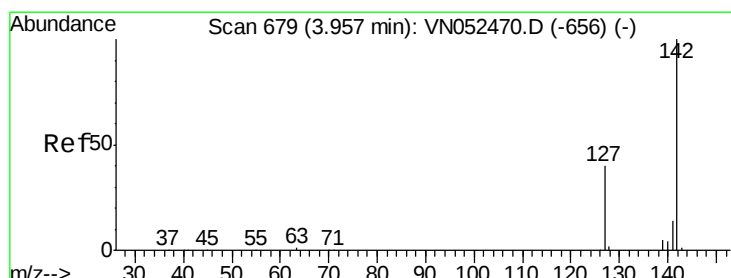
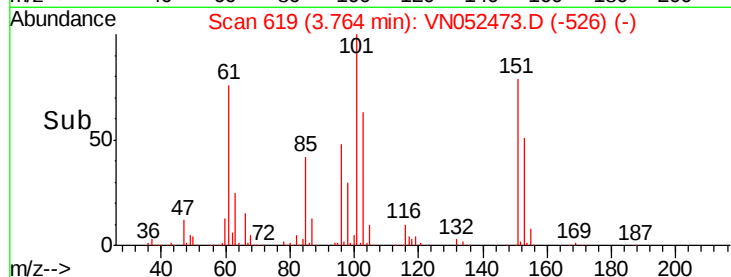
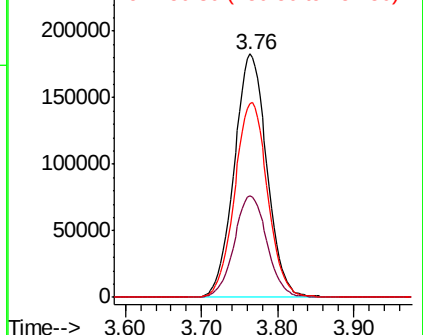
151 81.1 64.6 96.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.780 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

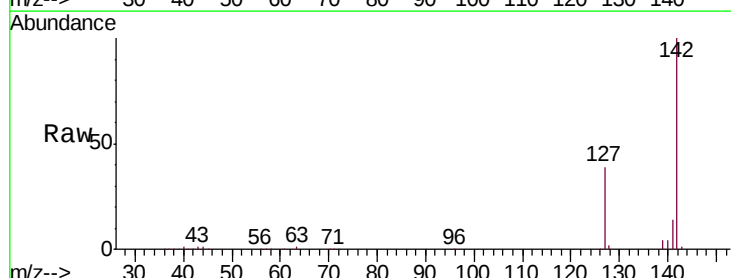
Tgt Ion:142 Resp: 719106

Ion Ratio Lower Upper

142 100

127 39.1 31.8 47.6

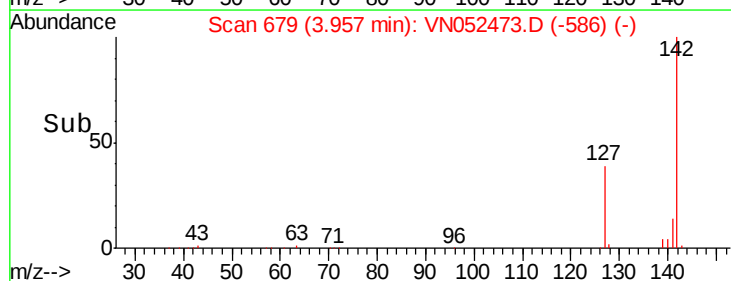
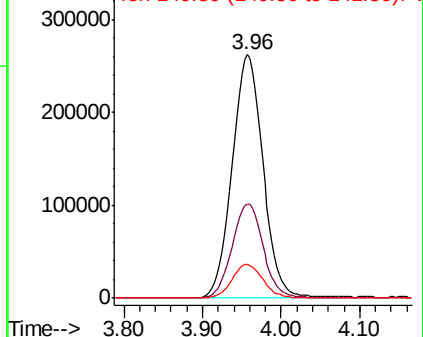
141 13.9 11.4 17.0

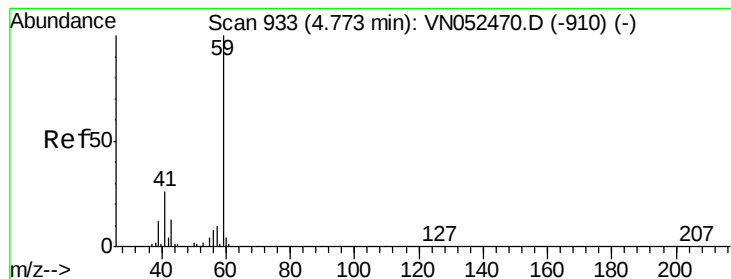


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



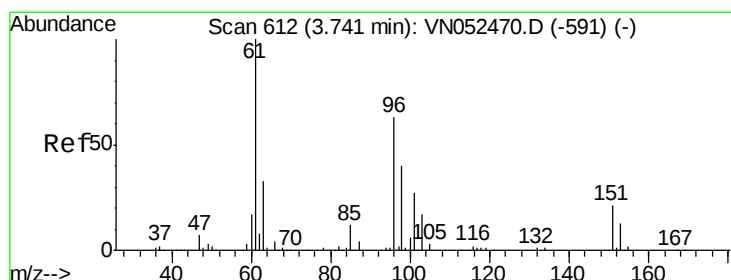
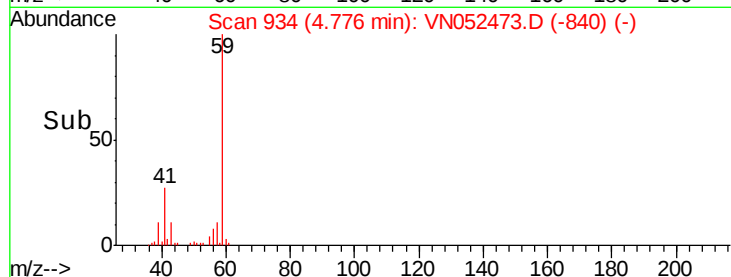
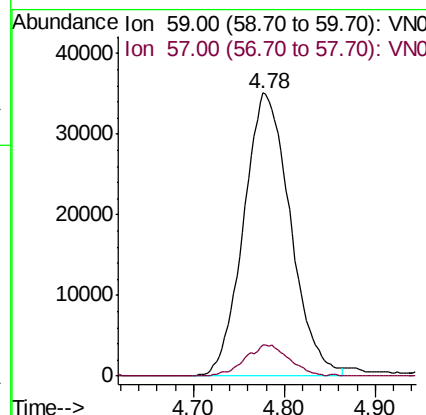
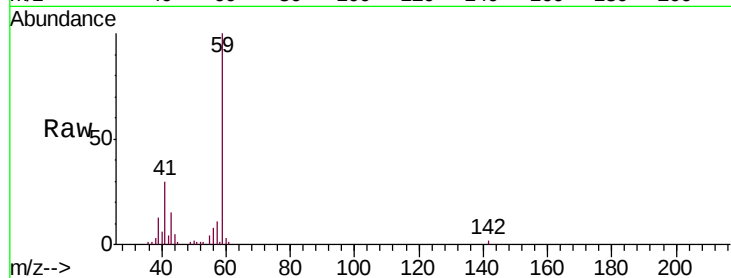


#11

Tert butyl alcohol
Concen: 201.994 ug/l
RT: 4.78 min Scan# 934
Delta R.T. 0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

Instrument :
MSVOA_N
ClientSampleId :
ICVFN112718

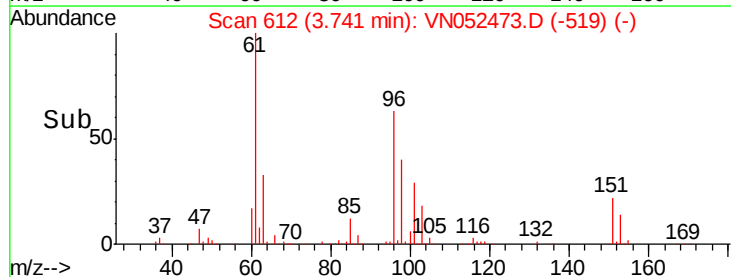
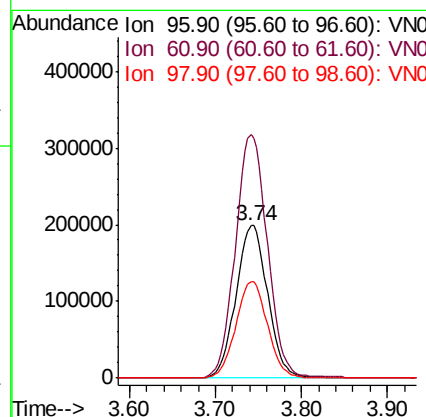
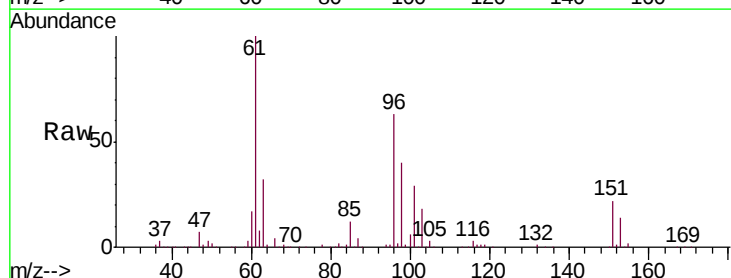
Tgt Ion: 59 Resp: 125230
Ion Ratio Lower Upper
59 100
57 10.4 7.9 11.9

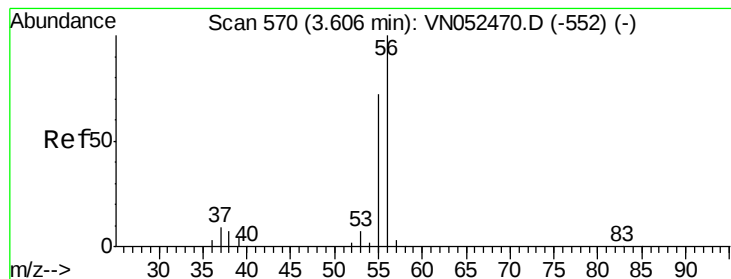


#12

1,1-Dichloroethene
Concen: 47.899 ug/l
RT: 3.74 min Scan# 612
Delta R.T. -0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

Tgt Ion: 96 Resp: 510326
Ion Ratio Lower Upper
96 100
61 160.0 127.0 190.6
98 63.5 50.3 75.5





#13

Acrolein

Concen: 242.587 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

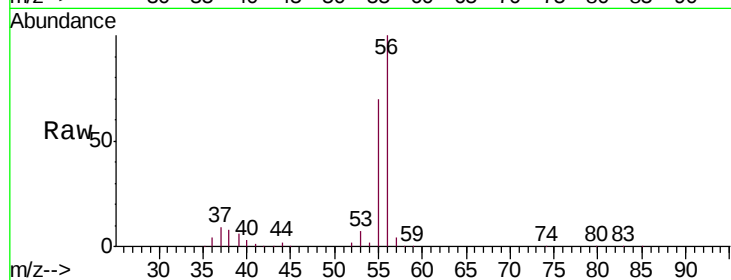
ICVFN112718

Tgt Ion: 56 Resp: 262561

Ion Ratio Lower Upper

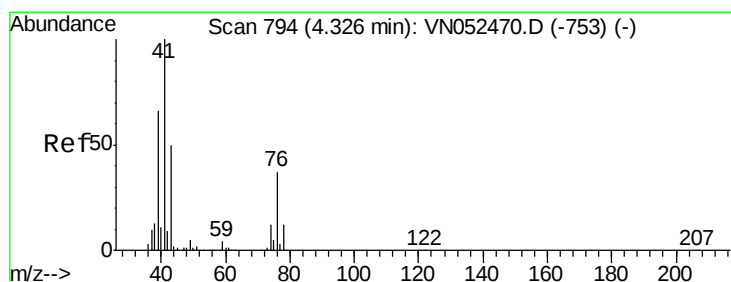
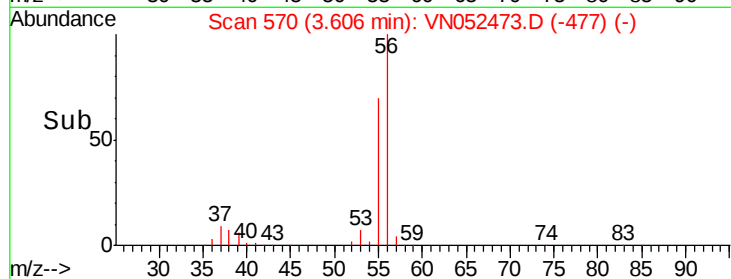
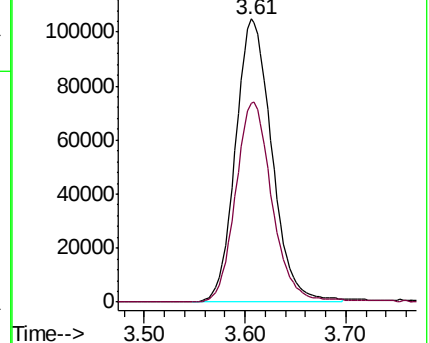
56 100

55 70.0 56.8 85.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 49.633 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

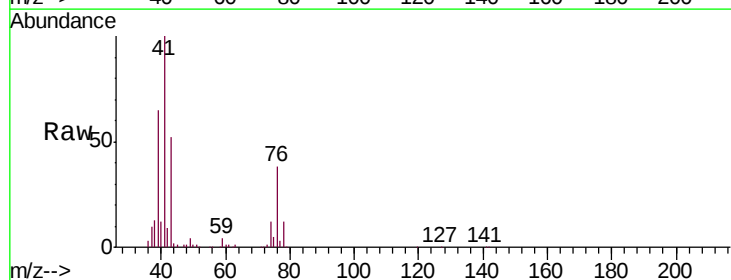
Tgt Ion: 41 Resp: 911386

Ion Ratio Lower Upper

41 100

39 63.4 50.6 76.0

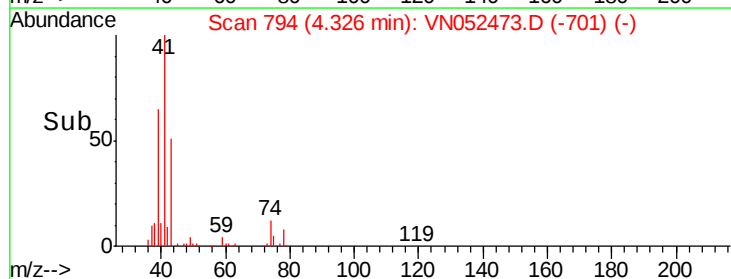
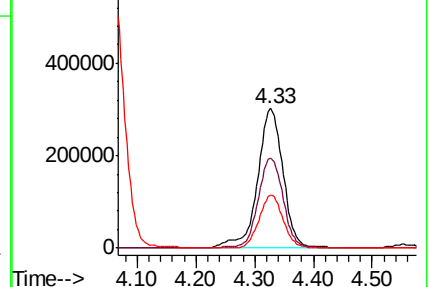
76 35.4 27.4 41.2

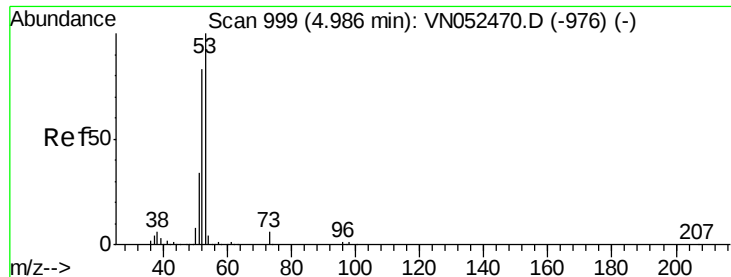


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 238.874 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

ICVVN112718

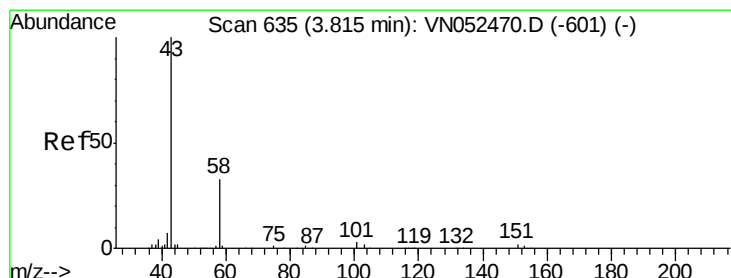
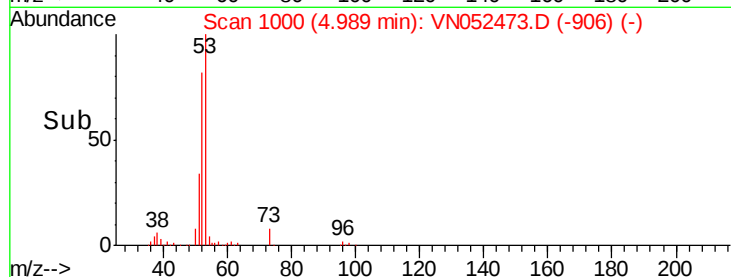
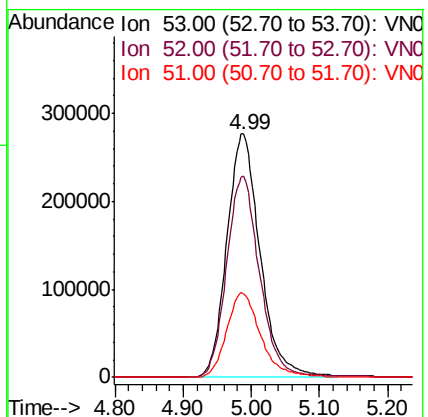
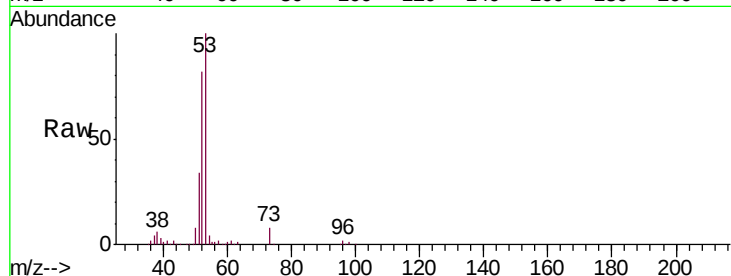
Tgt Ion: 53 Resp: 937458

Ion Ratio Lower Upper

53 100

52 82.2 66.2 99.2

51 35.8 28.1 42.1



#16

Acetone

Concen: 240.810 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052473.D

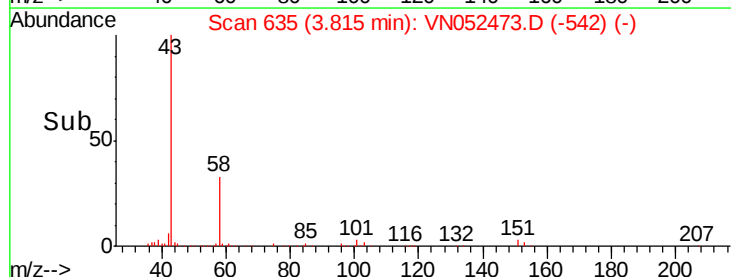
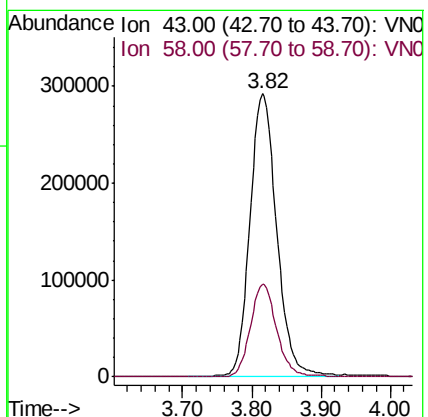
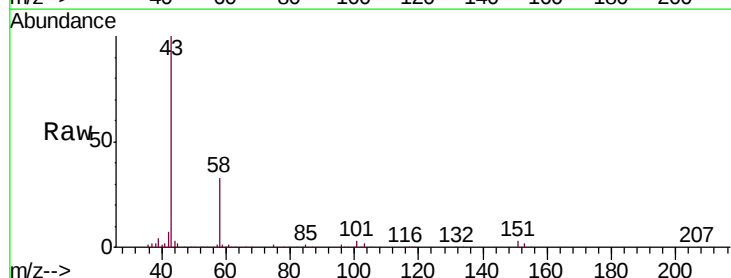
Acq: 27 Nov 2018 11:58

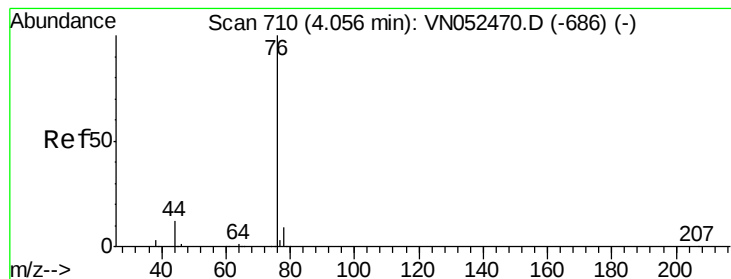
Tgt Ion: 43 Resp: 786573

Ion Ratio Lower Upper

43 100

58 32.7 26.0 39.0





#17

Carbon Disulfide

Concen: 47.154 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

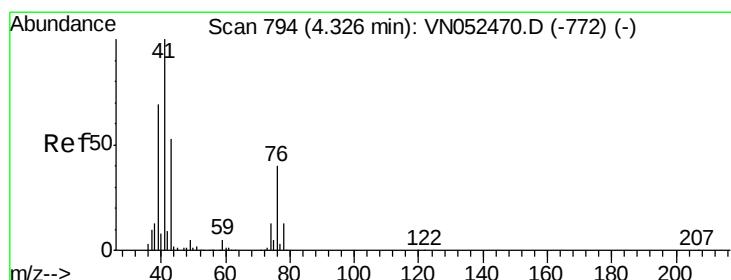
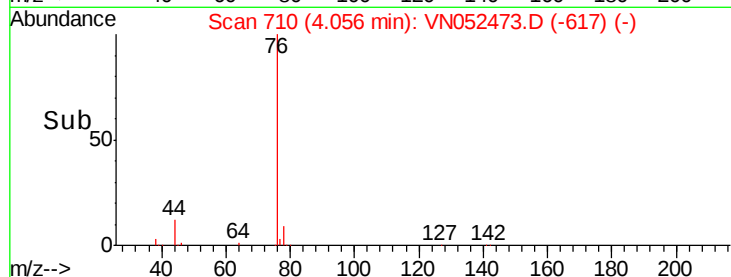
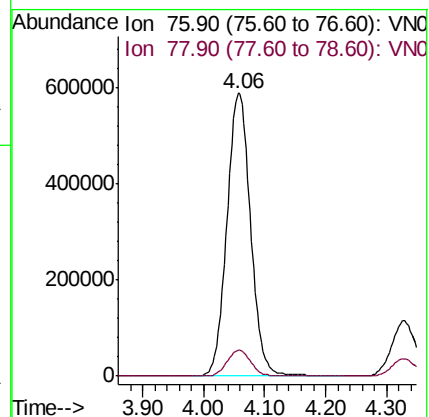
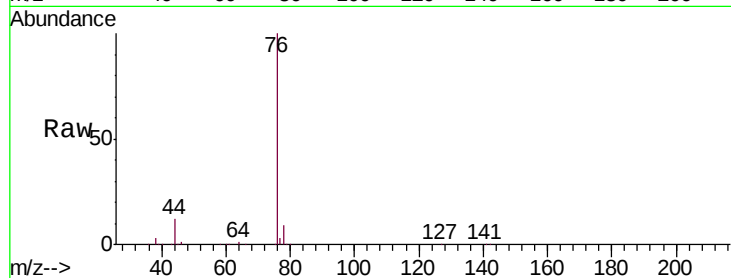
ICVFN112718

Tgt Ion: 76 Resp: 1580990

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



#18

Methyl Acetate

Concen: 48.328 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052473.D

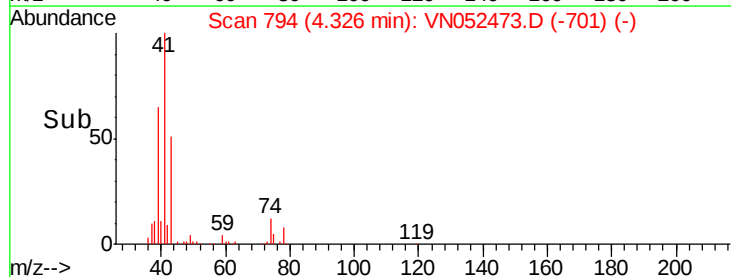
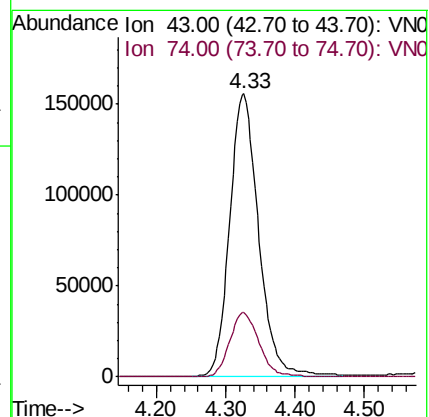
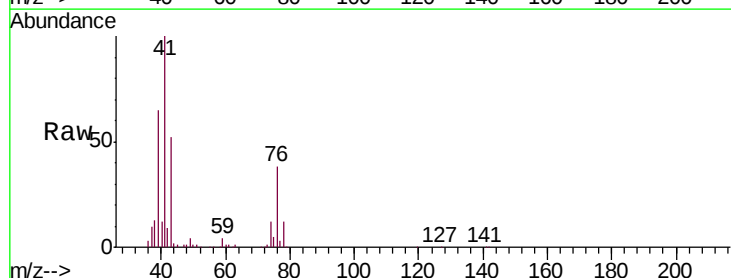
Acq: 27 Nov 2018 11:58

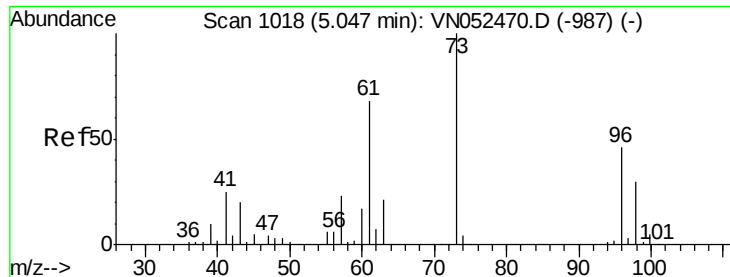
Tgt Ion: 43 Resp: 452801

Ion Ratio Lower Upper

43 100

74 23.2 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 49.170 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

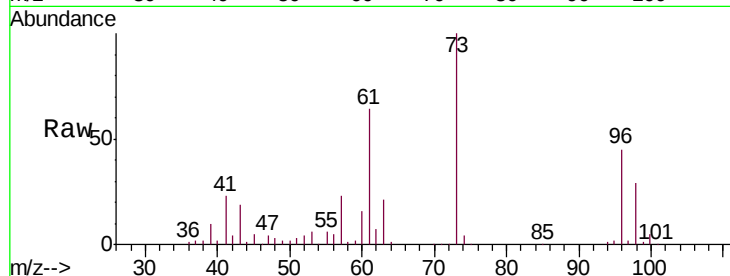
ICVVN112718

Tgt Ion: 73 Resp: 1393819

Ion Ratio Lower Upper

73 100

57 23.2 18.2 27.2



Abundance Ion 73.00 (72.70 to 73.70): VN052473.D (-925) (-)

Ion 57.00 (56.70 to 57.70): VN052473.D (-925) (-)

5.05

400000

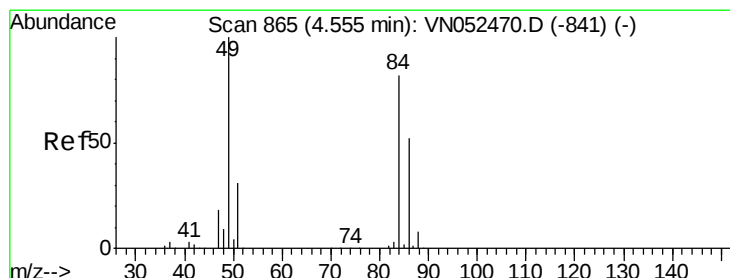
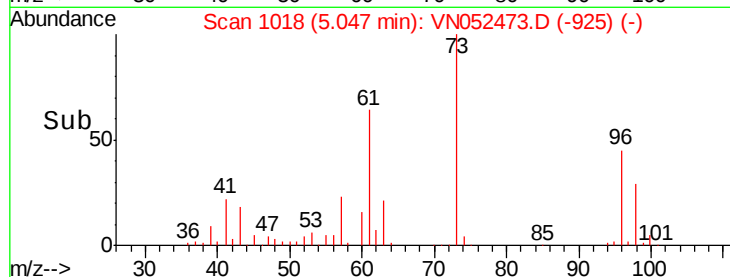
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 44.905 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Tgt Ion: 84 Resp: 573982

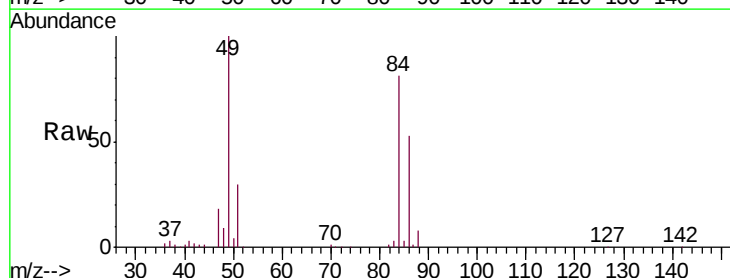
Ion Ratio Lower Upper

84 100

49 123.8 98.0 147.0

51 37.2 30.1 45.1

86 65.1 50.7 76.1



Abundance Ion 83.90 (83.60 to 84.60): VN052473.D (-772) (-)

Ion 48.90 (48.60 to 49.60): VN052473.D (-772) (-)

Ion 50.90 (50.60 to 51.60): VN052473.D (-772) (-)

Ion 85.90 (85.60 to 86.60): VN052473.D (-772) (-)

4.55

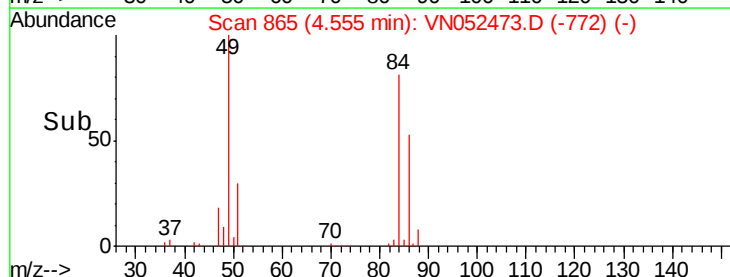
300000

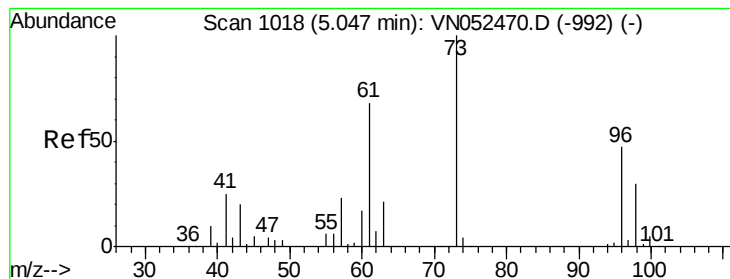
200000

100000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 48.043 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

ICVFN112718

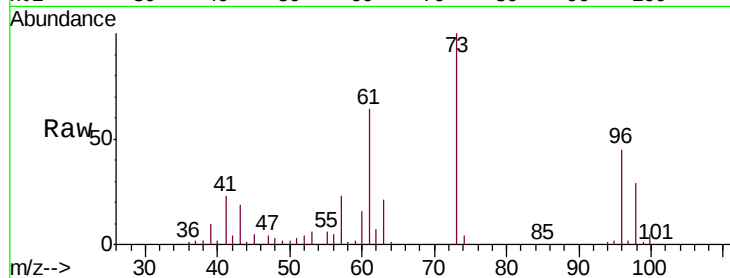
Tgt Ion: 96 Resp: 546669

Ion Ratio Lower Upper

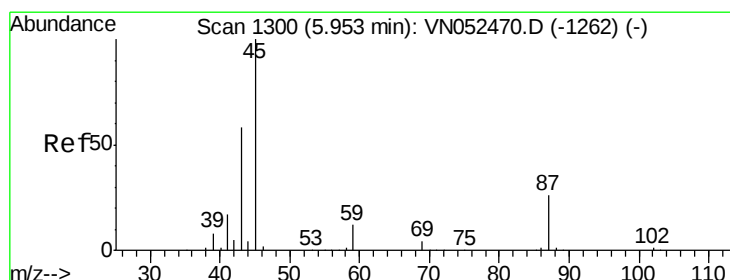
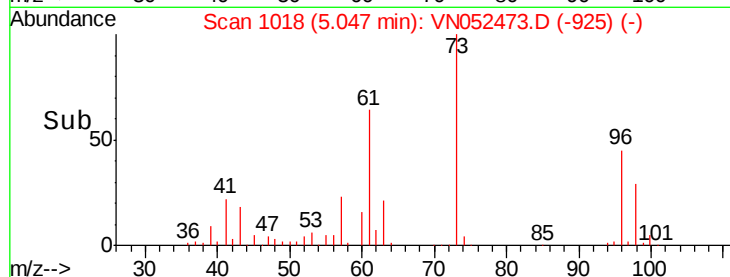
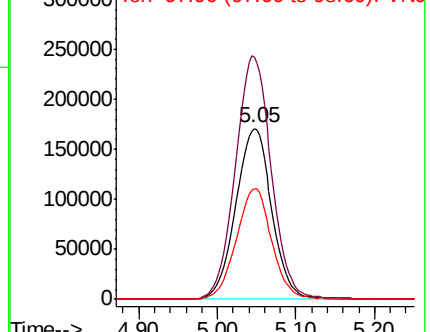
96 100

61 141.7 117.0 175.4

98 64.7 51.8 77.6



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



#22

Diisopropyl ether

Concen: 48.046 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Tgt Ion: 45 Resp: 1853171

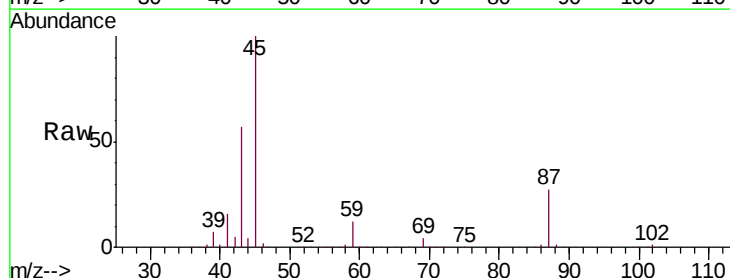
Ion Ratio Lower Upper

45 100

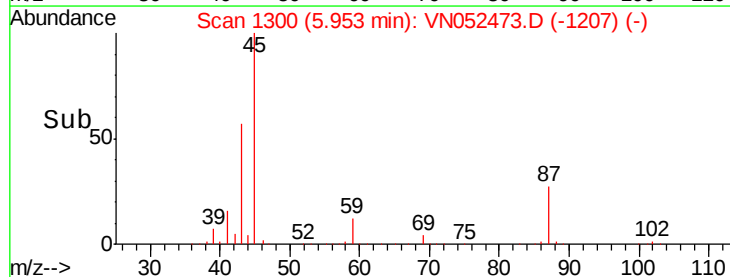
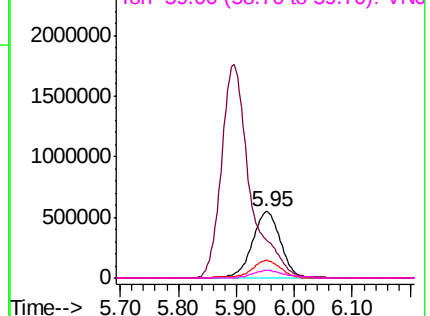
43 56.4 46.1 69.1

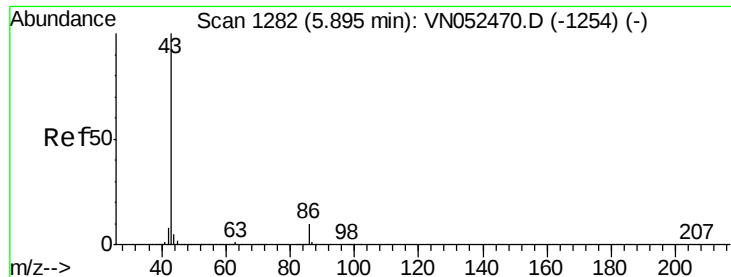
87 26.7 21.3 31.9

59 11.4 9.5 14.3



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





#23

Vinyl Acetate

Concen: 250.962 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

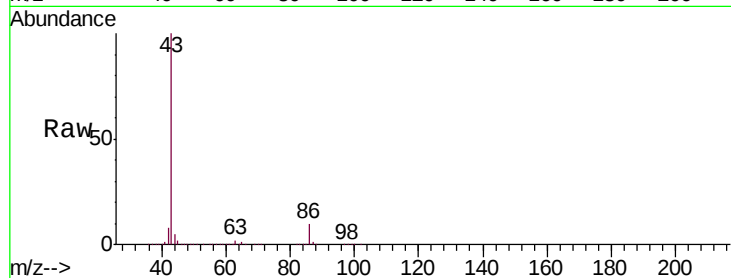
ICVFN112718

Tgt Ion: 43 Resp: 6029106

Ion Ratio Lower Upper

43 100

86 9.9 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

2000000

1500000

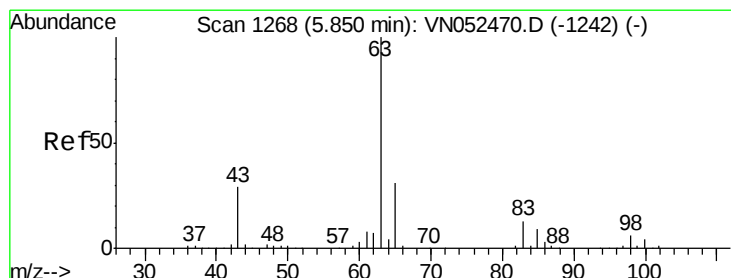
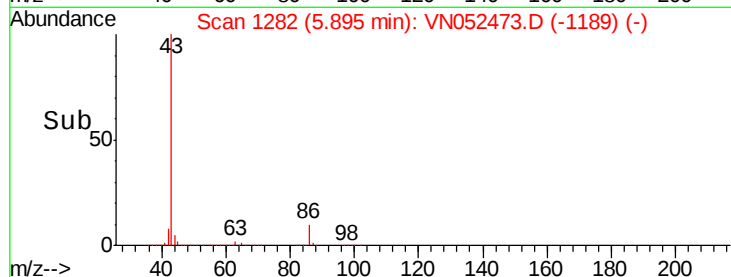
1000000

500000

0

5.80 5.90 6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 47.571 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

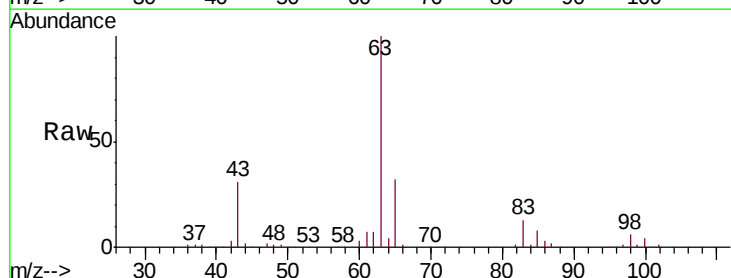
Tgt Ion: 63 Resp: 1047638

Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

100 3.9 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

400000

300000

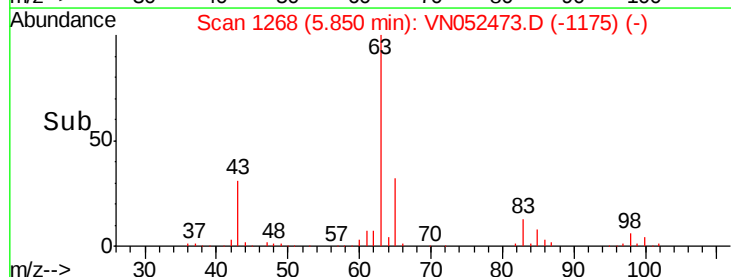
200000

100000

0

5.70 5.80 5.90 6.00

Time-->

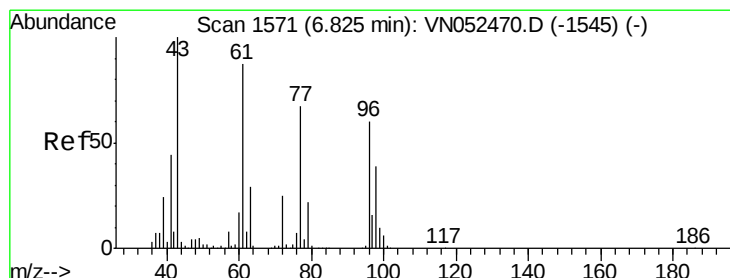
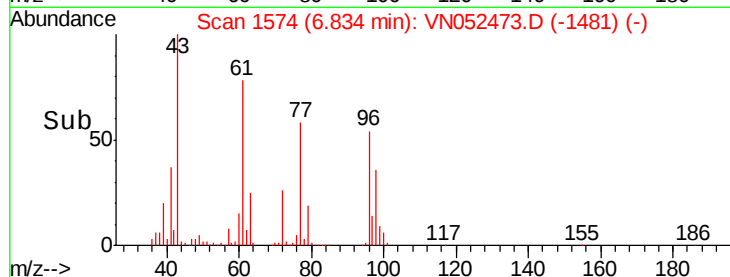
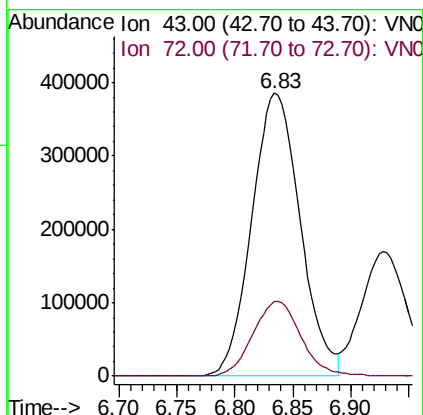
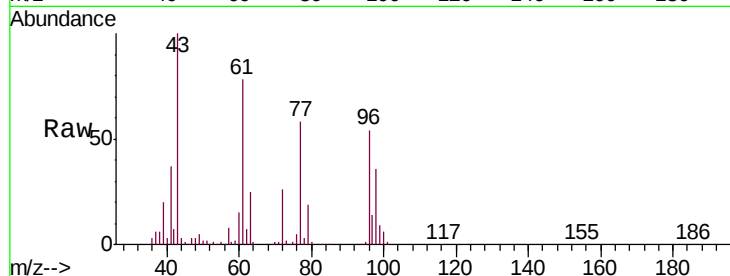




#25
2-Butanone
Concen: 241.510 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

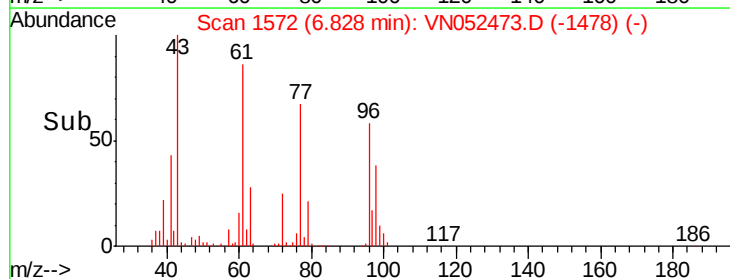
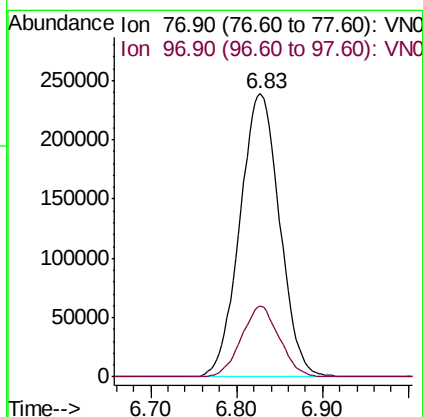
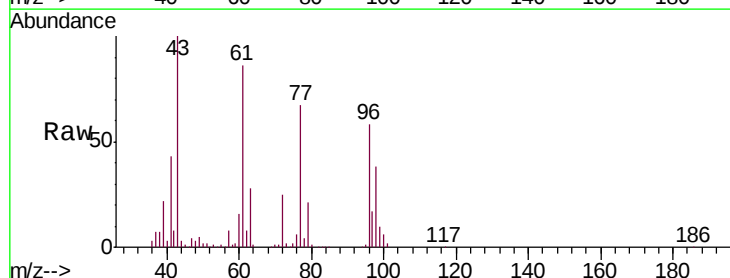
Instrument :
MSVOA_N
ClientSampleId :
ICVVN112718

Tgt Ion: 43 Resp: 1118124
Ion Ratio Lower Upper
43 100
72 26.3 20.1 30.1



#26
2,2-Dichloropropane
Concen: 50.414 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

Tgt Ion: 77 Resp: 768479
Ion Ratio Lower Upper
77 100
97 23.9 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 47.120 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

ICVFN112718

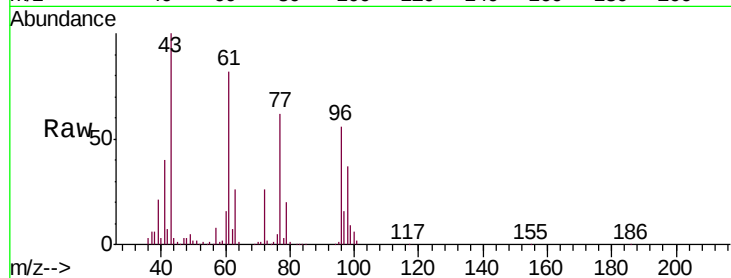
Tgt Ion: 96 Resp: 624569

Ion Ratio Lower Upper

96 100

61 147.4 0.0 291.0

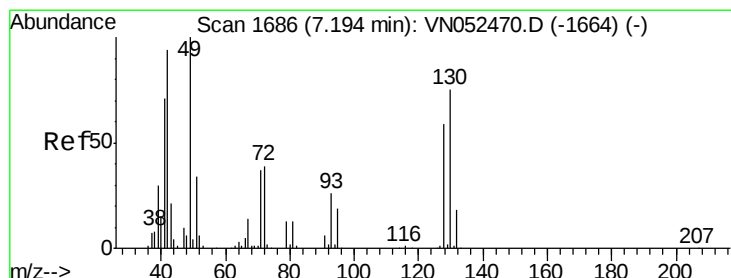
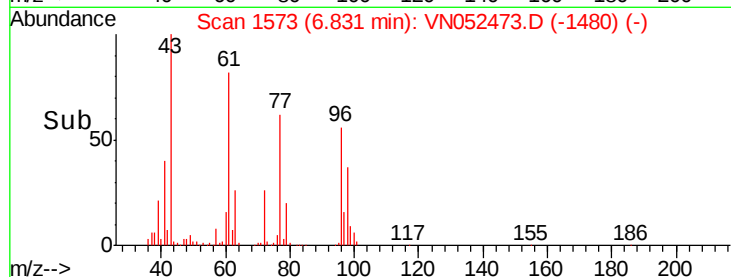
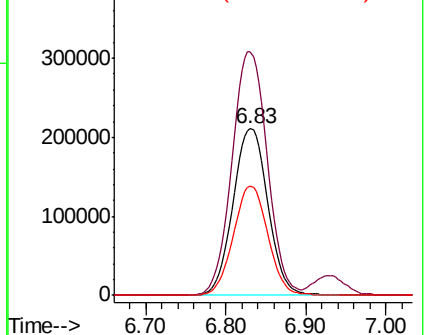
98 64.9 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN052473.D (-1547) (-)

Ion 60.90 (60.60 to 61.60): VN052473.D (-1547) (-)

Ion 97.90 (97.60 to 98.60): VN052473.D (-1547) (-)



#28

Bromochloromethane

Concen: 46.677 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

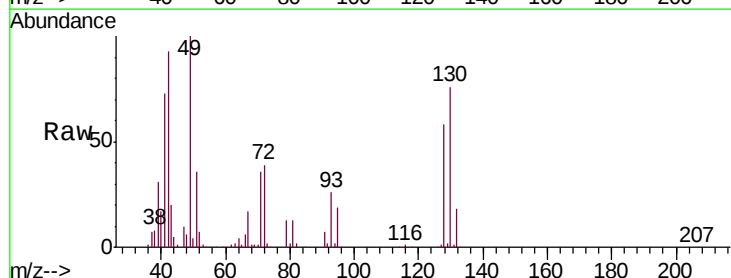
Tgt Ion: 49 Resp: 469511

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

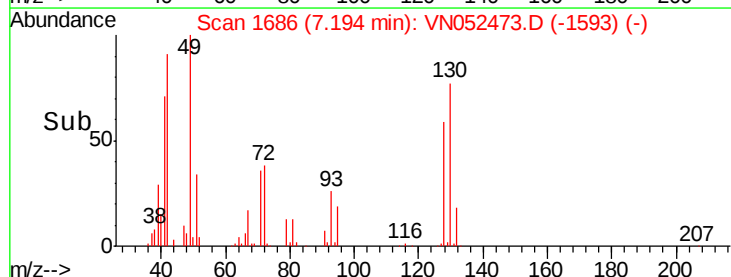
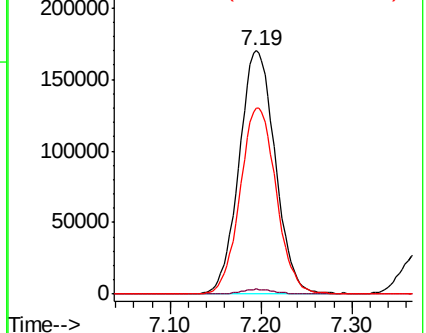
130 76.6 60.2 90.2

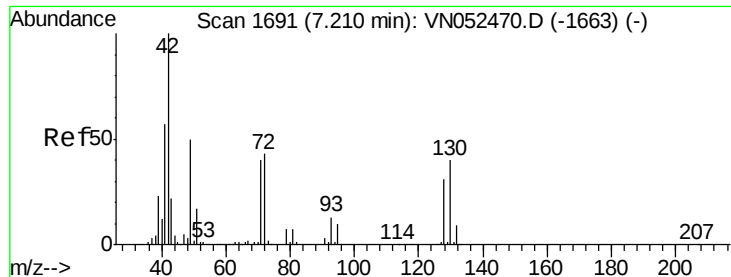


Abundance Ion 48.90 (48.60 to 49.60): VN052473.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN052473.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN052473.D (-1664) (-)

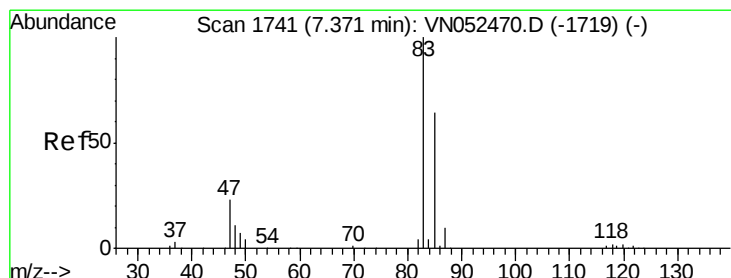
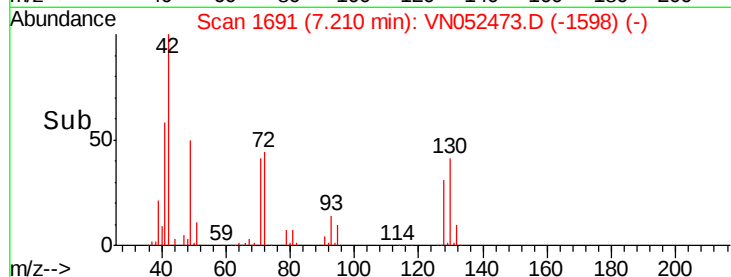
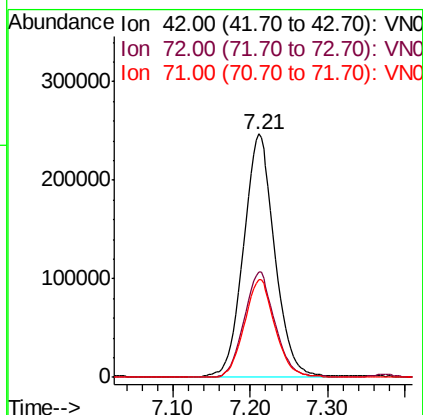
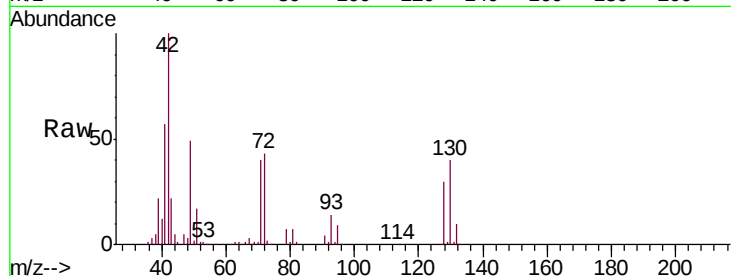




#29
Tetrahydrofuran
Concen: 231.189 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

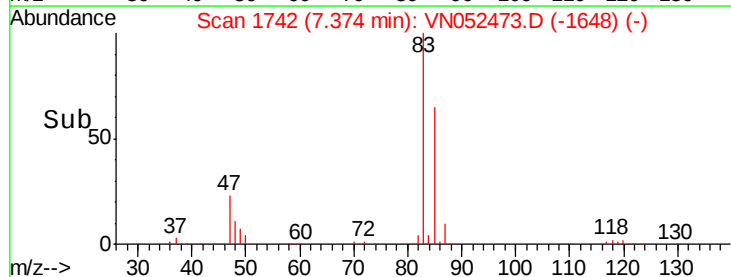
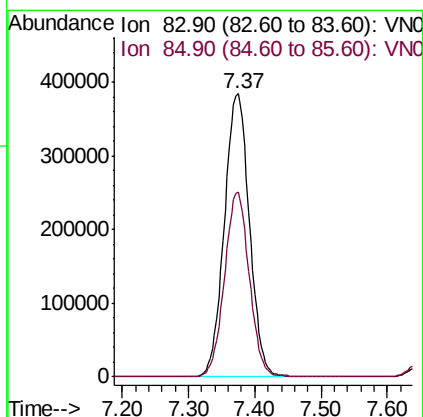
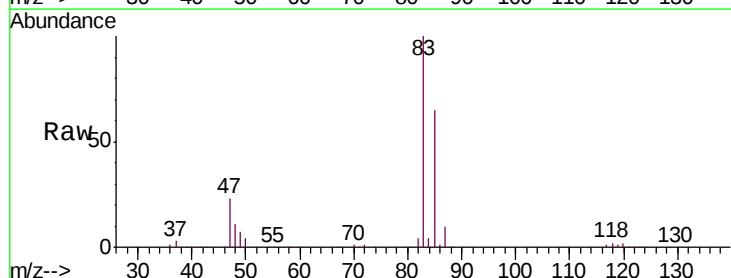
Instrument :
MSVOA_N
ClientSampleId :
ICVVN112718

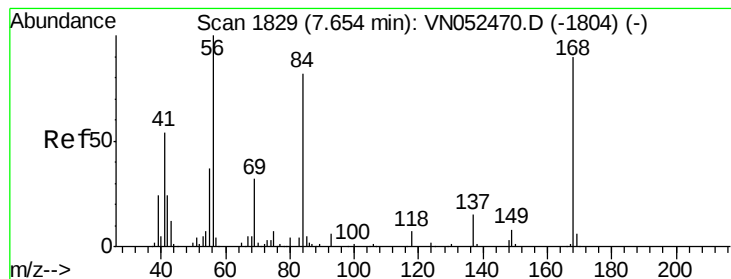
Tgt Ion: 42 Resp: 690367
Ion Ratio Lower Upper
42 100
72 42.9 33.3 49.9
71 39.8 32.0 48.0



#30
Chloroform
Concen: 45.977 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

Tgt Ion: 83 Resp: 1010204
Ion Ratio Lower Upper
83 100
85 65.3 51.0 76.4





#31

Cyclohexane

Concen: 47.935 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

ICVVN112718

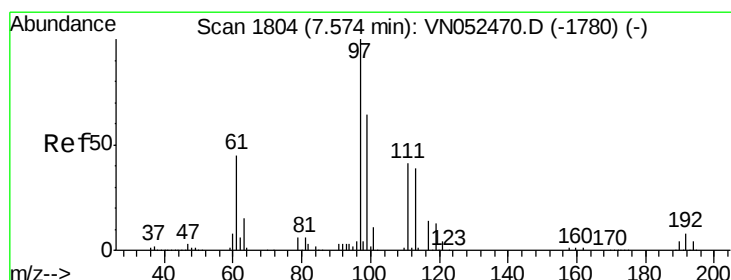
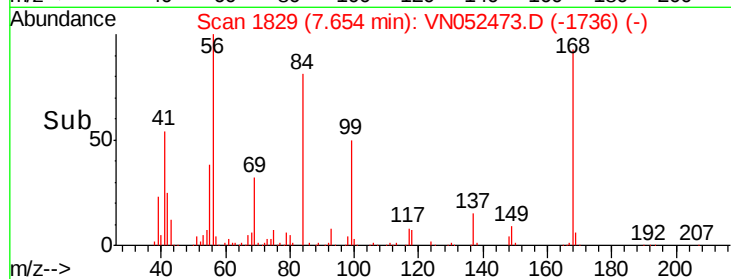
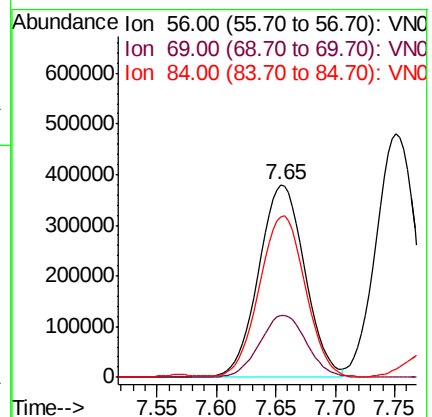
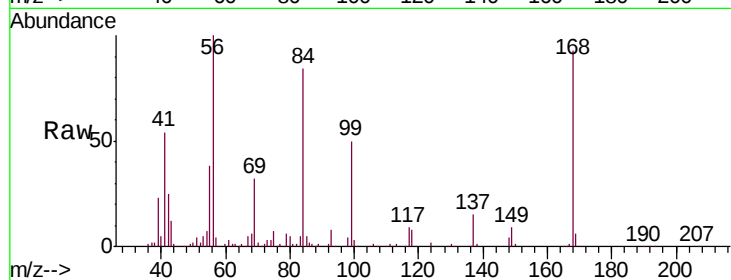
Tgt Ion: 56 Resp: 1022091

Ion Ratio Lower Upper

56 100

69 32.4 25.8 38.6

84 82.6 65.3 97.9



#32

1,1,1-Trichloroethane

Concen: 48.173 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

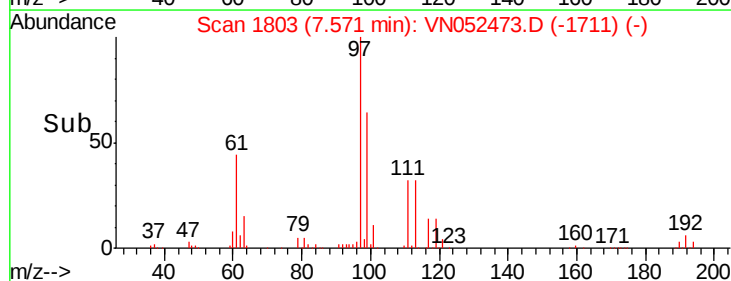
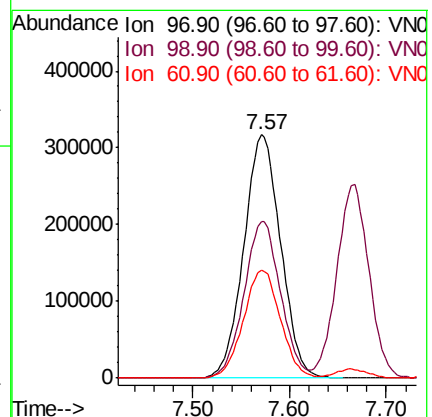
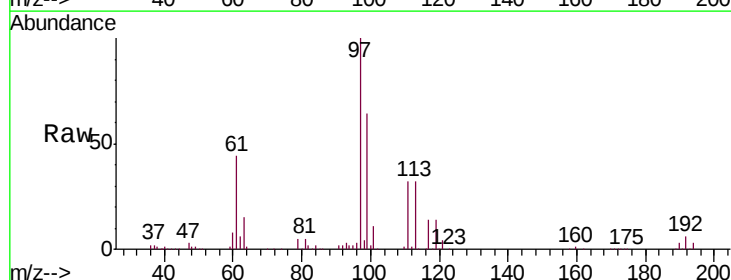
Tgt Ion: 97 Resp: 838614

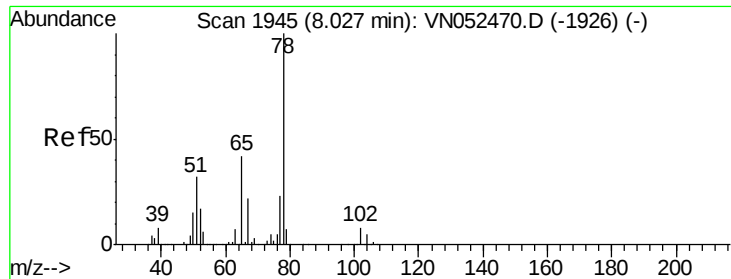
Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

61 44.7 36.8 55.2

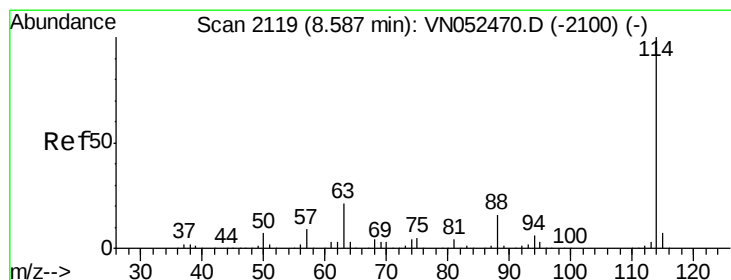
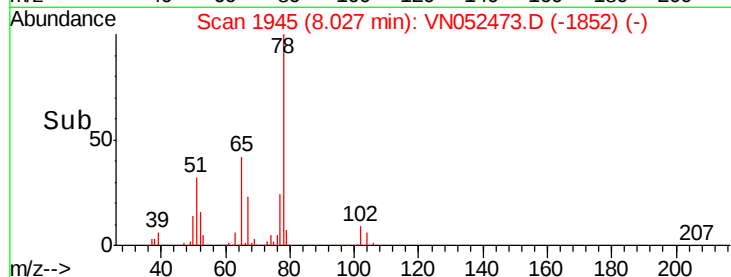
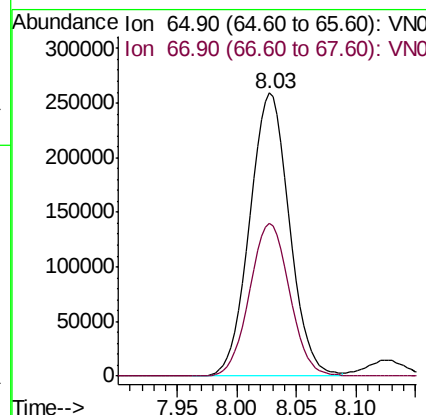
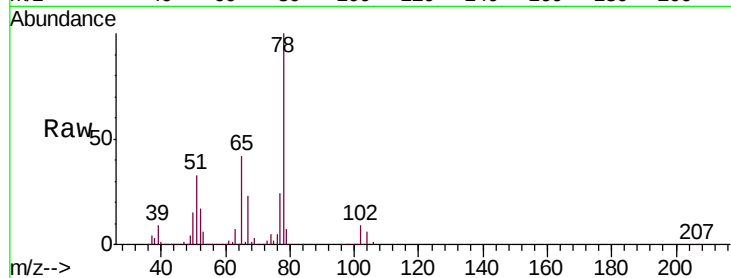




#33
 1,2-Dichloroethane-d4
 Concen: 48.173 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052473.D
 Acq: 27 Nov 2018 11:58

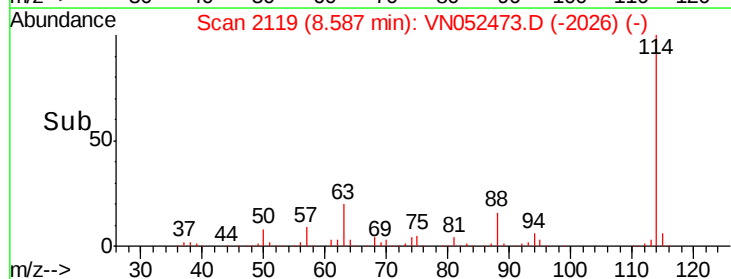
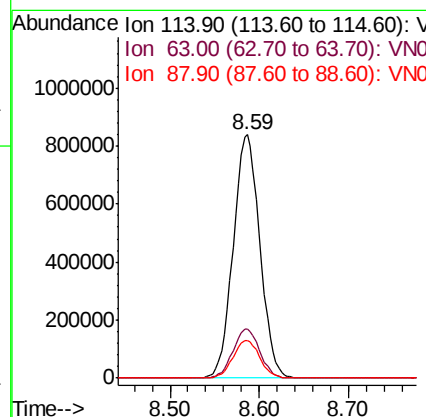
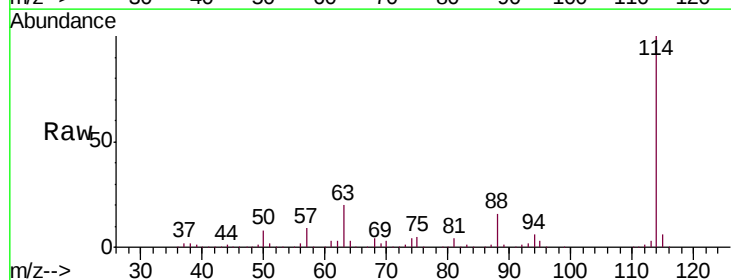
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN112718

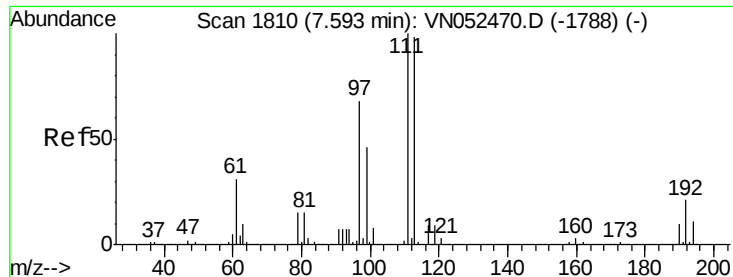
Tgt Ion: 65 Resp: 600105
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052473.D
 Acq: 27 Nov 2018 11:58

Tgt Ion: 114 Resp: 1731406
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.8
 88 15.7 0.0 31.6

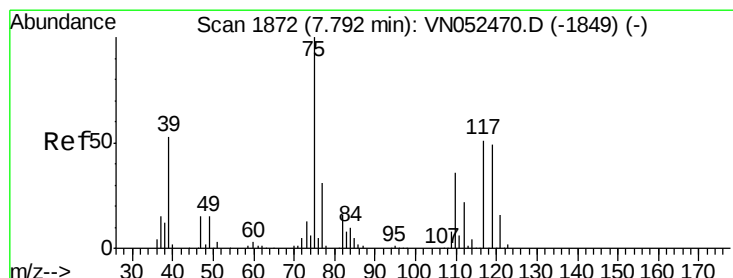
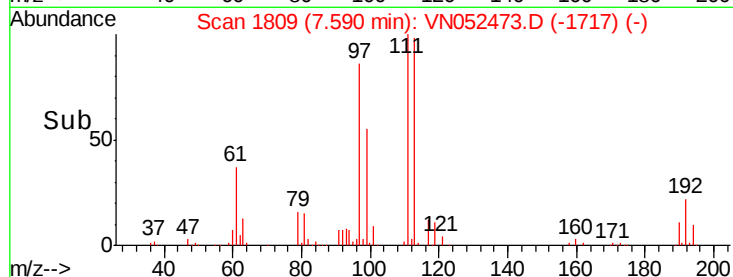
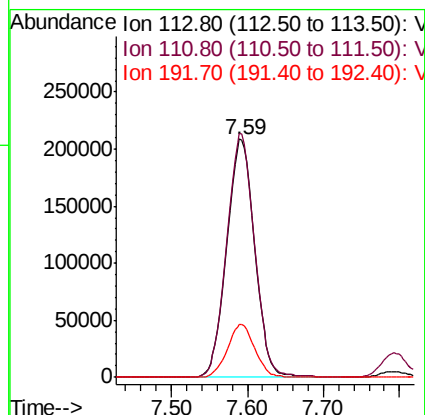
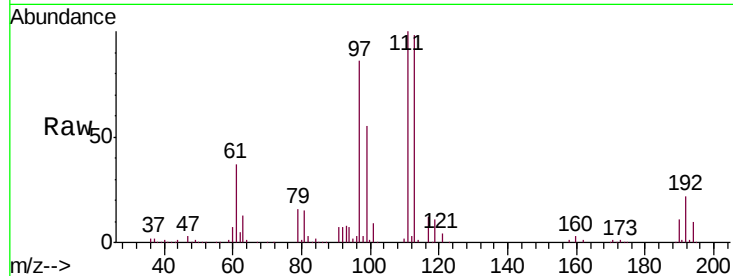




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052473.D
 Acq: 27 Nov 2018 11:58

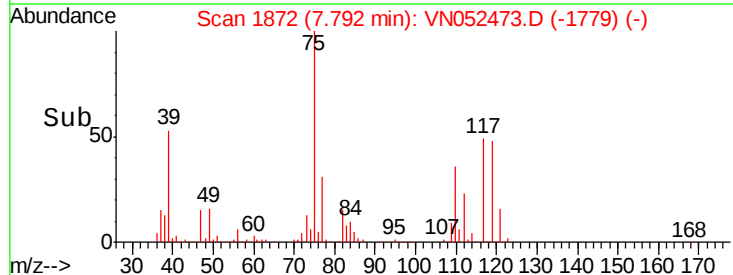
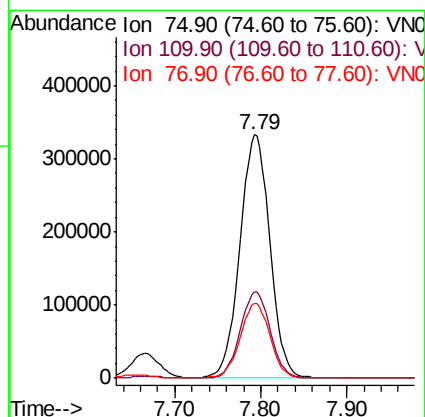
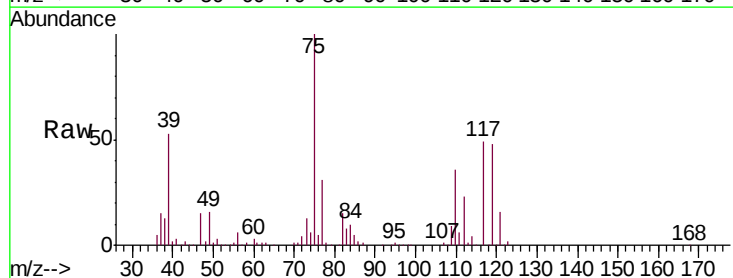
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN112718

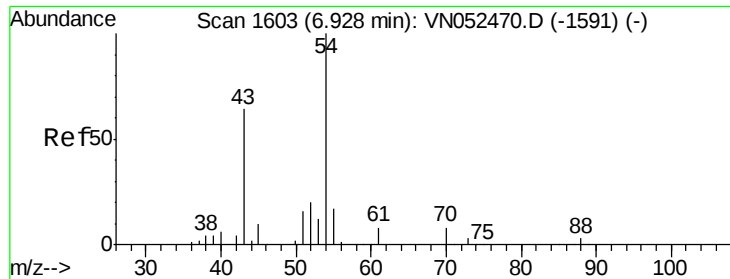
Tgt Ion:113 Resp: 536213
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.0 123.0
 192 21.7 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 49.119 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN052473.D
 Acq: 27 Nov 2018 11:58

Tgt Ion: 75 Resp: 803096
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.5 52.6
 77 30.9 24.5 36.7

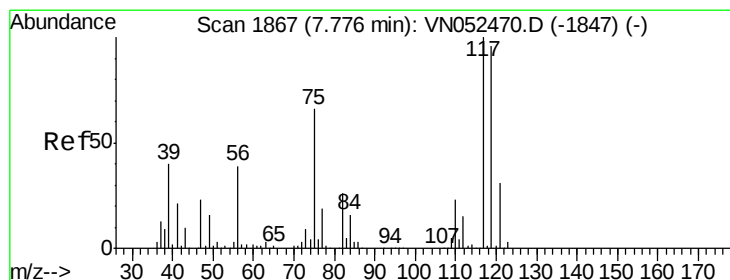
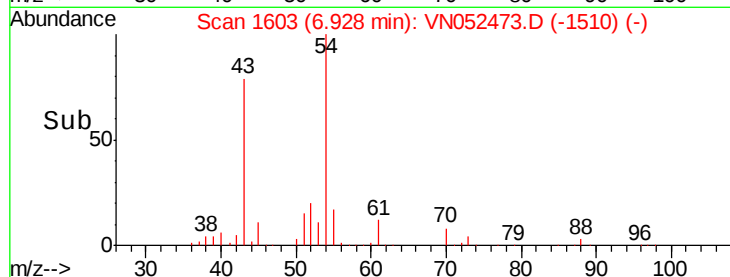
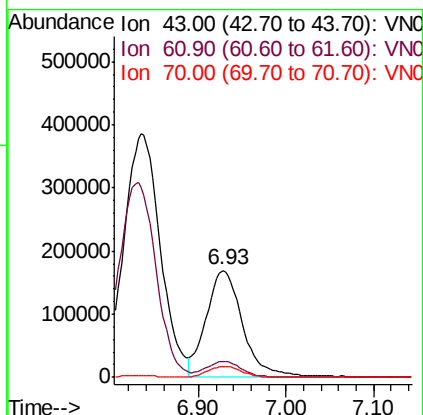
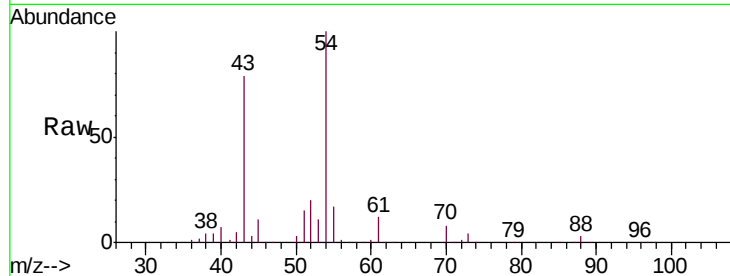




#37
Ethyl Acetate
Concen: 48.336 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

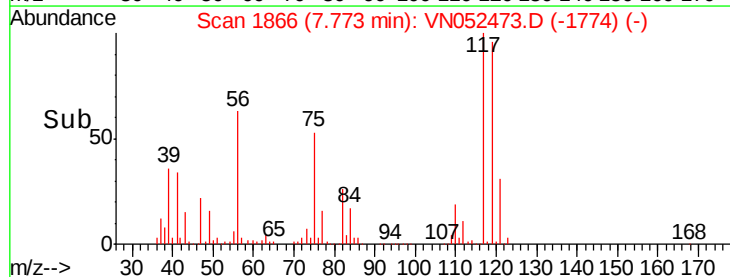
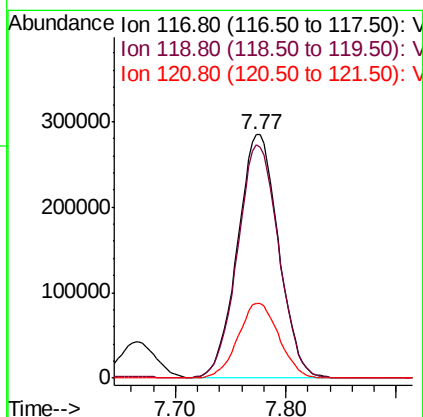
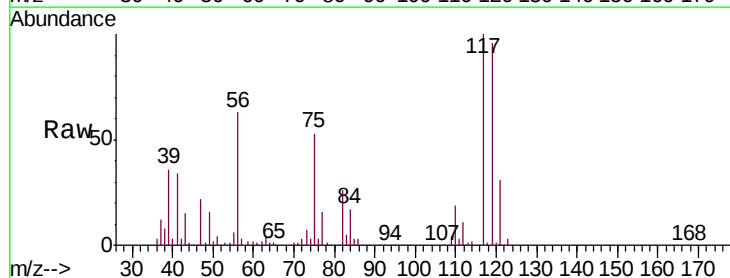
Instrument :
MSVOA_N
ClientSampleId :
ICVVN112718

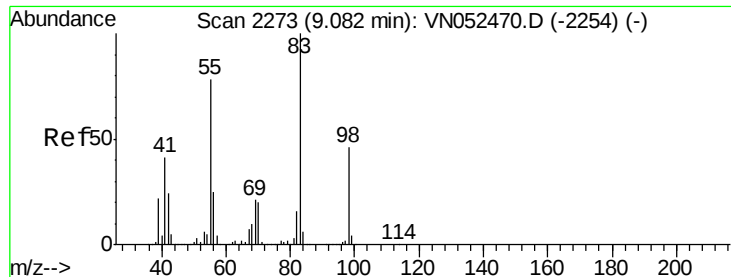
Tgt Ion: 43 Resp: 482313
Ion Ratio Lower Upper
43 100
61 14.3 11.8 17.8
70 9.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 49.224 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

Tgt Ion: 117 Resp: 728571
Ion Ratio Lower Upper
117 100
119 95.8 76.8 115.2
121 30.9 24.9 37.3

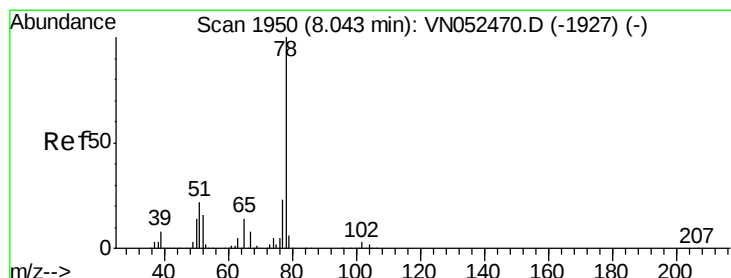
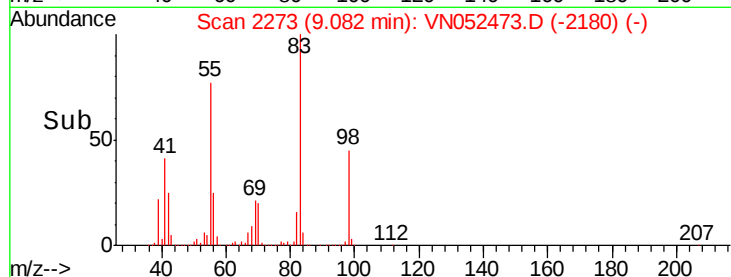
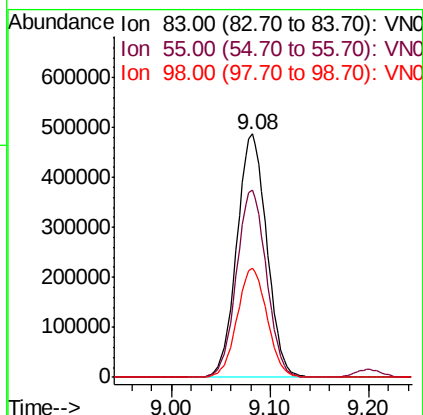
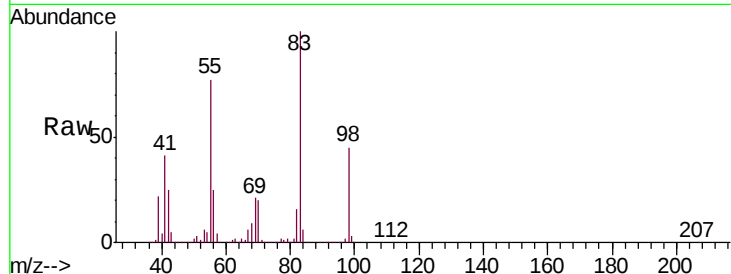




#39
Methylcyclohexane
Concen: 51.486 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

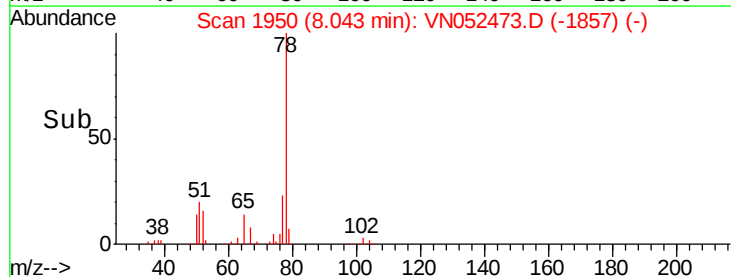
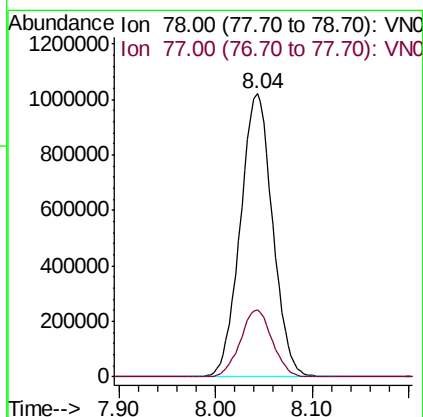
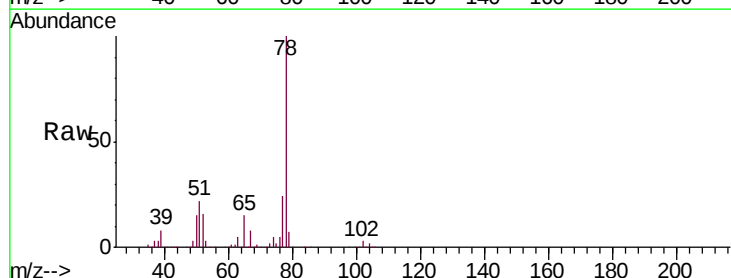
Instrument :
MSVOA_N
ClientSampleId :
ICVVN112718

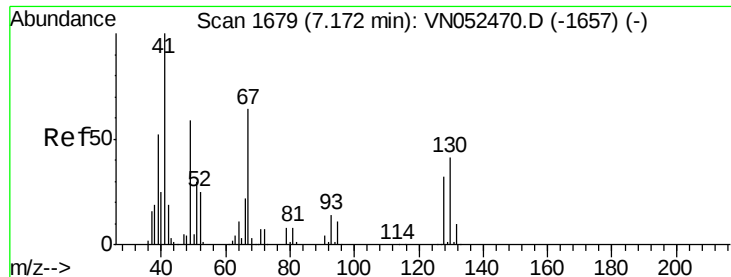
Tgt Ion: 83 Resp: 1023180
Ion Ratio Lower Upper
83 100
55 76.9 62.2 93.2
98 44.8 36.4 54.6



#40
Benzene
Concen: 48.579 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

Tgt Ion: 78 Resp: 2367073
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2

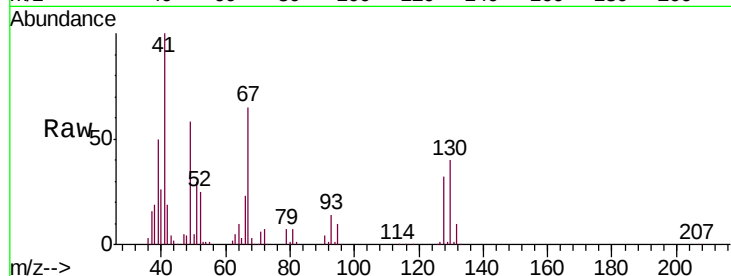




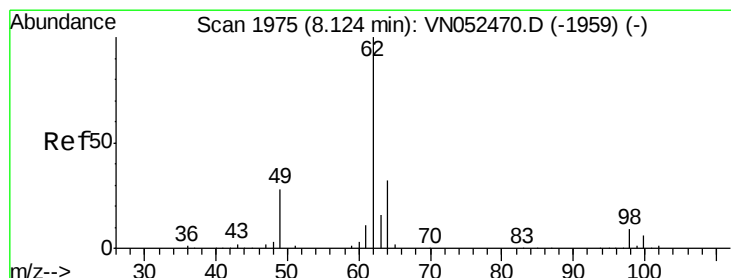
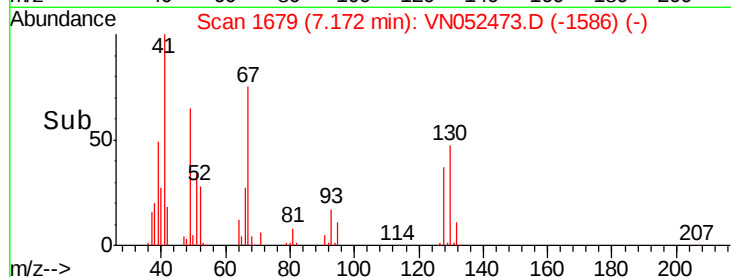
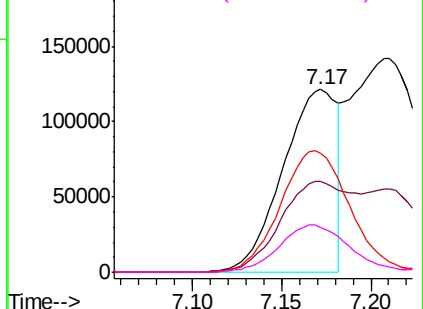
#41
Methacrylonitrile
Concen: 46.952 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

Instrument :
MSVOA_N
ClientSampleId :
ICVVN112718

Tgt Ion: 41 Resp: 256135
Ion Ratio Lower Upper
41 100
39 67.2 50.9 76.3
67 85.8 63.6 95.4
52 33.2 24.4 36.6

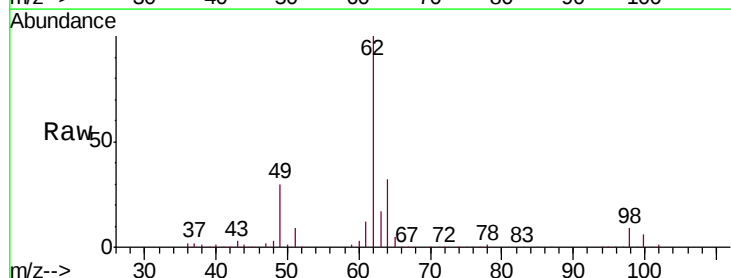


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

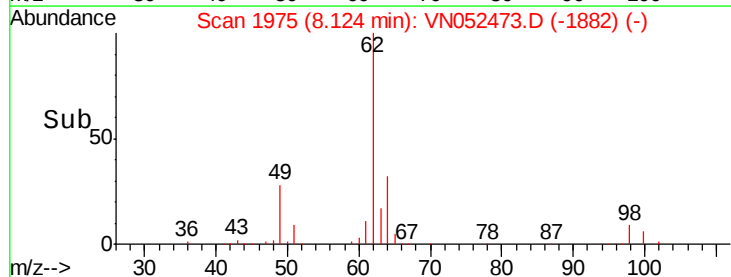
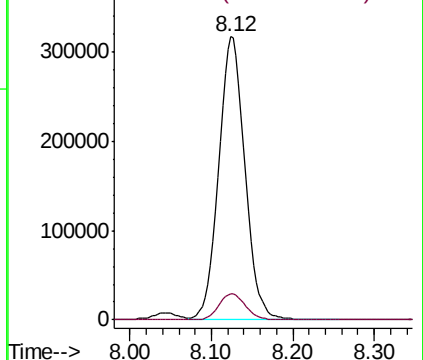


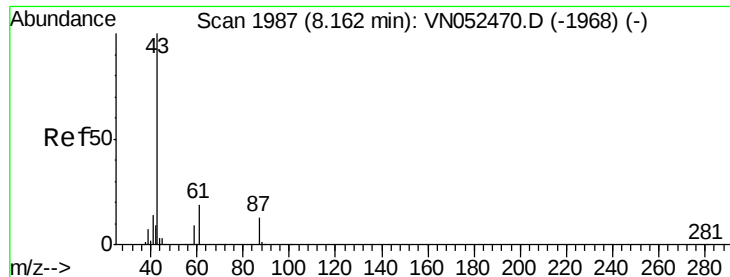
#42
1,2-Dichloroethane
Concen: 48.833 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

Tgt Ion: 62 Resp: 720477
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 50.052 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

ICVNN112718

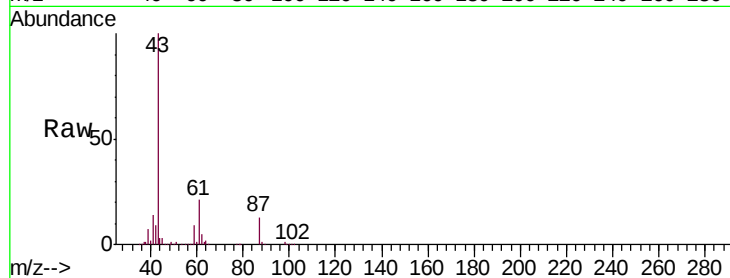
Tgt Ion: 43 Resp: 845198

Ion Ratio Lower Upper

43 100

61 29.8 24.1 36.1

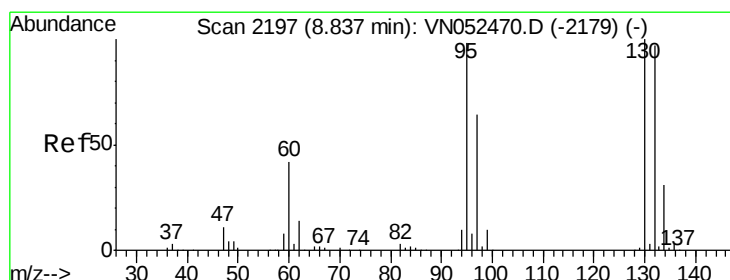
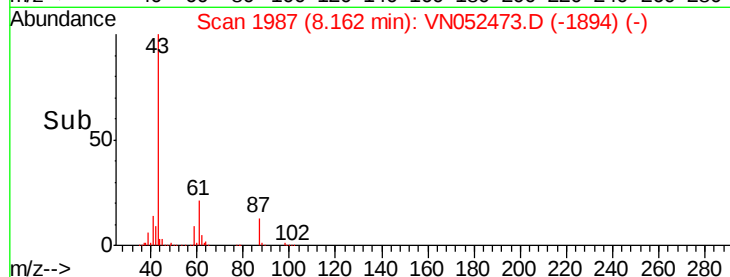
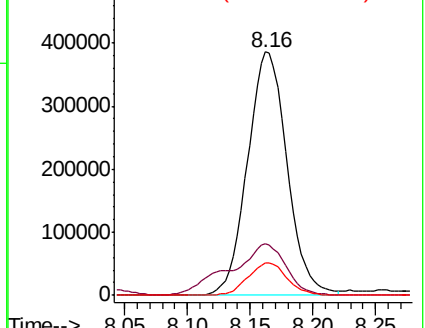
87 13.3 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN052473.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052473.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052473.D (-1968) (-)



#44

Trichloroethene

Concen: 48.869 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN052473.D

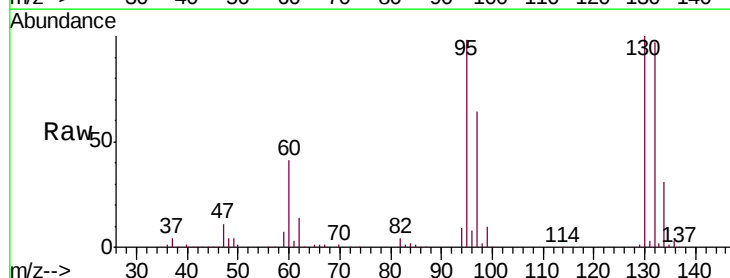
Acq: 27 Nov 2018 11:58

Tgt Ion: 130 Resp: 609948

Ion Ratio Lower Upper

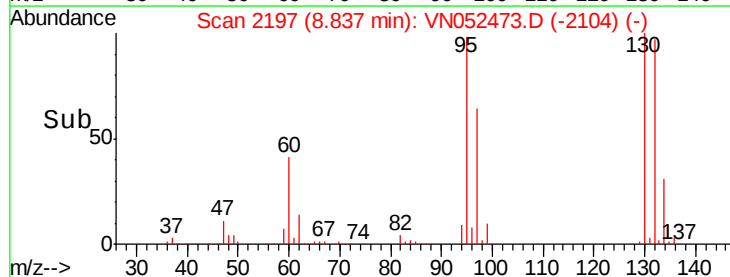
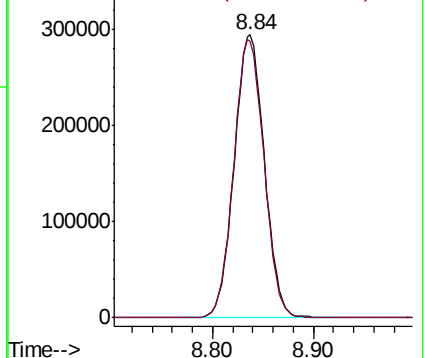
130 100

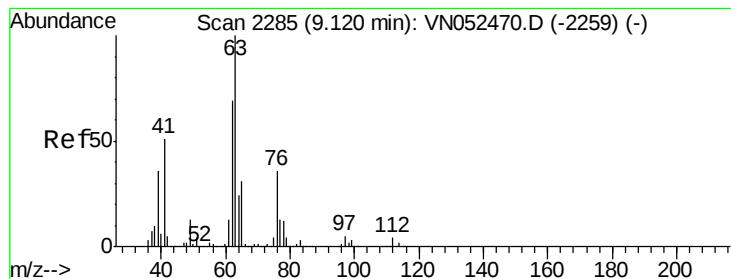
95 97.9 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN052473.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN052473.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 48.754 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

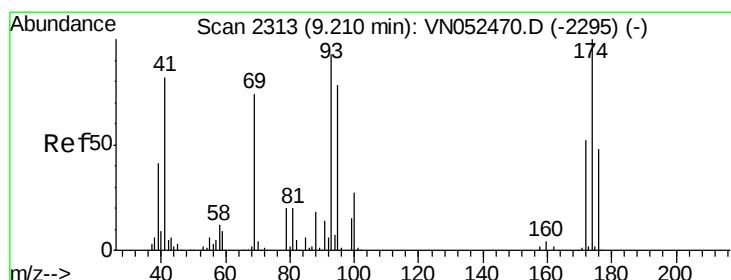
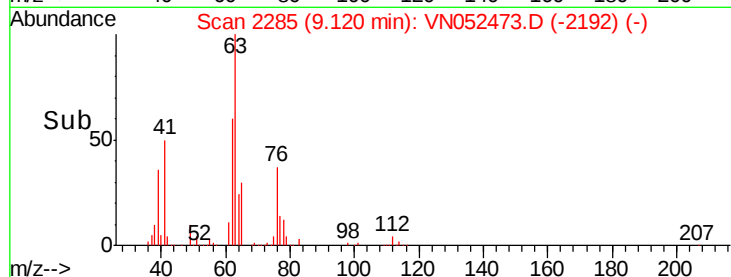
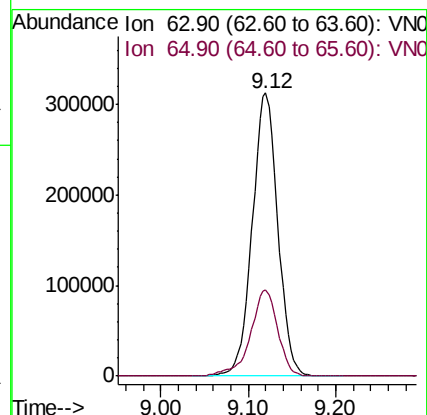
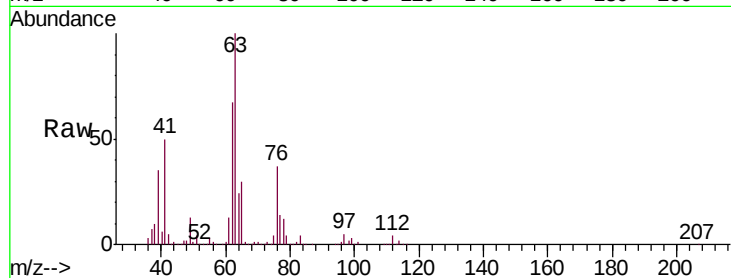
ICVFN112718

Tgt Ion: 63 Resp: 631581

Ion Ratio Lower Upper

63 100

65 30.4 25.0 37.6



#46

Dibromomethane

Concen: 48.833 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

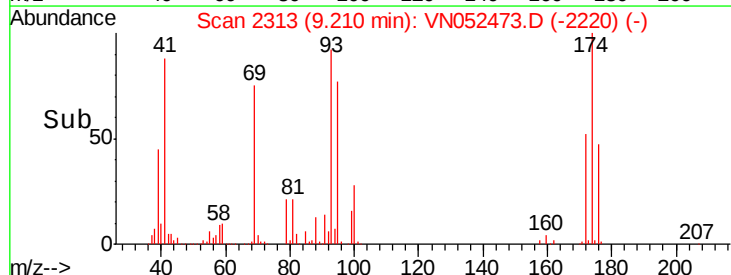
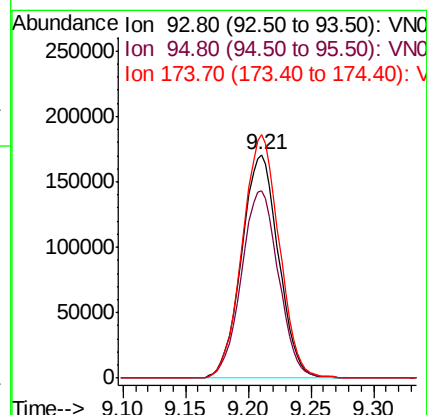
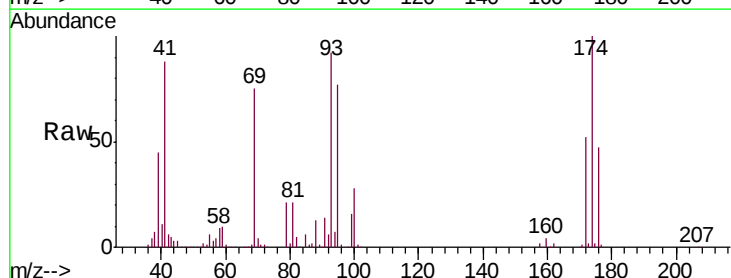
Tgt Ion: 93 Resp: 350206

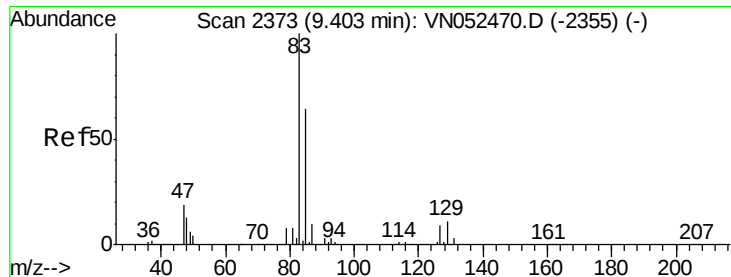
Ion Ratio Lower Upper

93 100

95 84.5 67.1 100.7

174 108.6 85.8 128.8

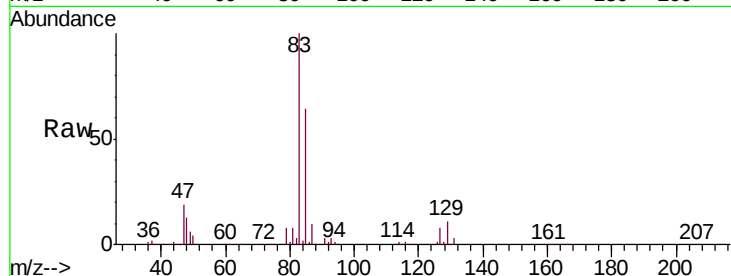




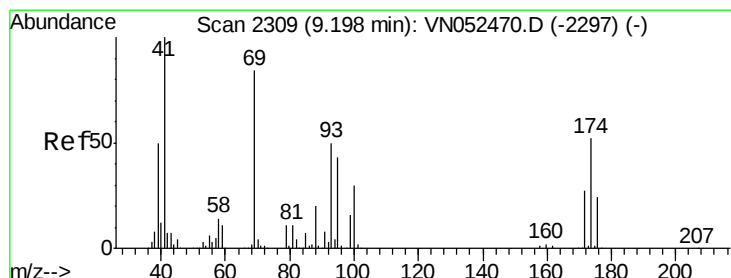
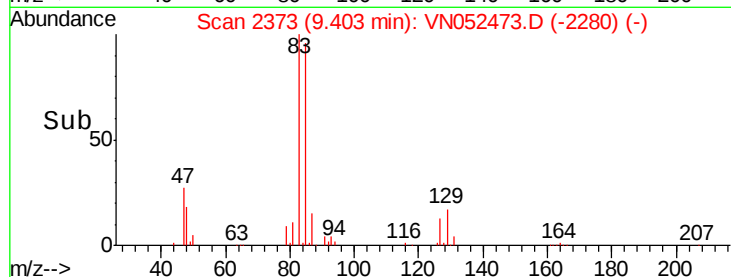
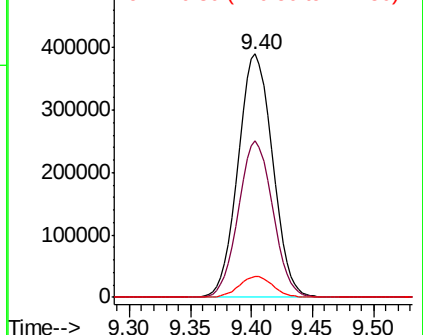
#47
Bromodichloromethane
Concen: 49.141 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

Instrument :
MSVOA_N
ClientSampleId :
ICVVN112718

Tgt Ion: 83 Resp: 766208
Ion Ratio Lower Upper
83 100
85 64.1 51.3 76.9
127 8.4 6.9 10.3

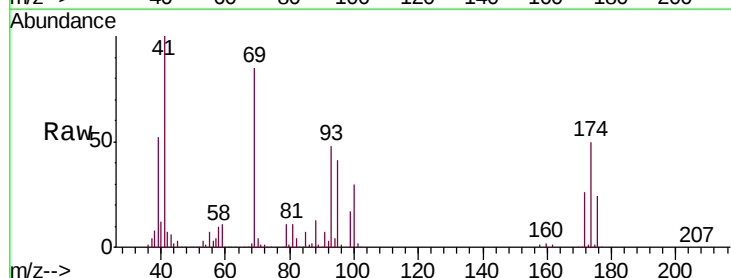


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

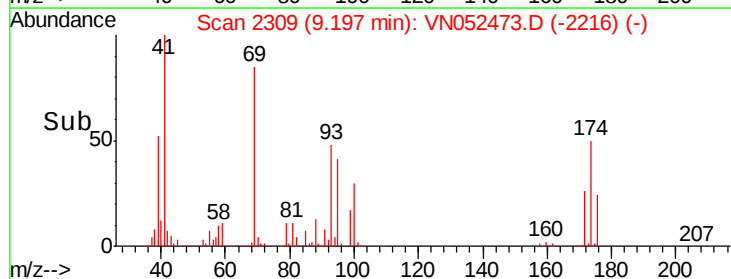
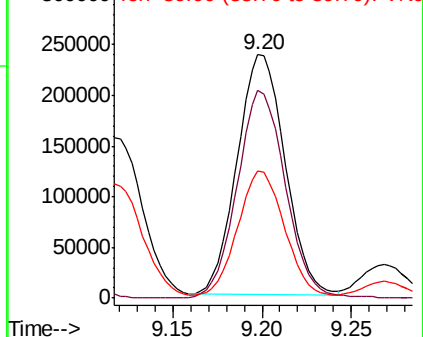


#48
Methyl methacrylate
Concen: 50.382 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

Tgt Ion: 41 Resp: 443620
Ion Ratio Lower Upper
41 100
69 87.3 70.0 105.0
39 52.5 42.6 64.0



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

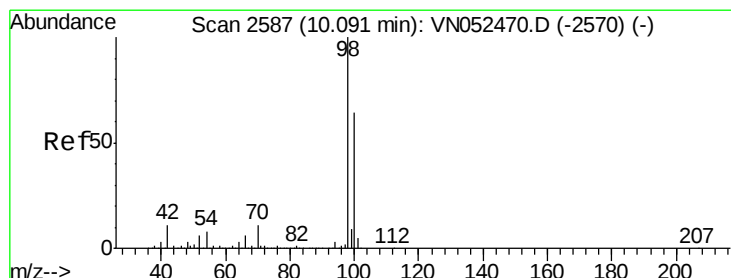
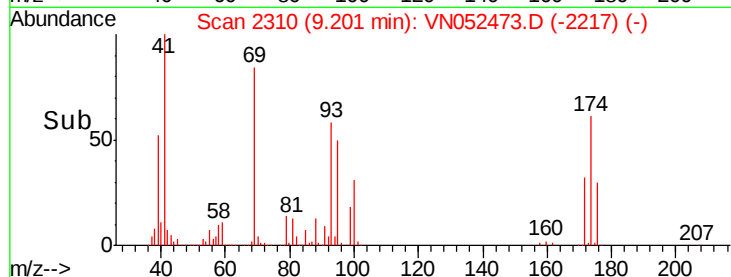
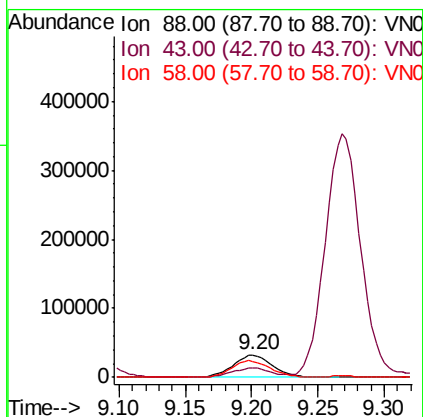
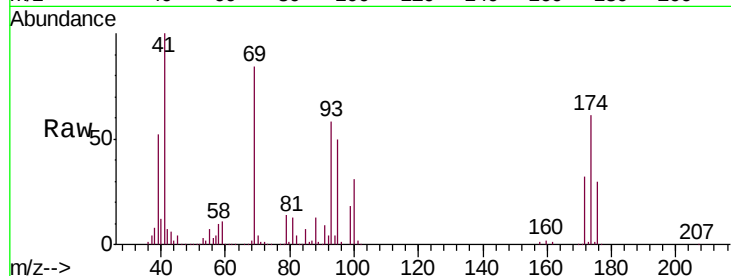




#49
1,4-Dioxane
Concen: 728.922 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

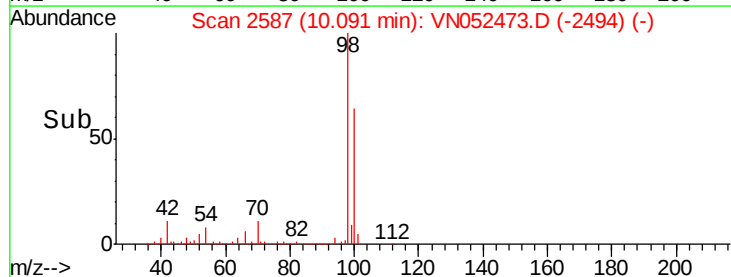
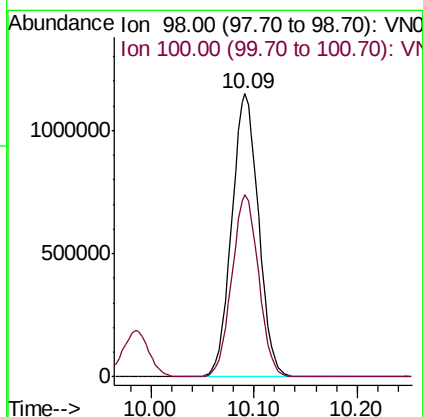
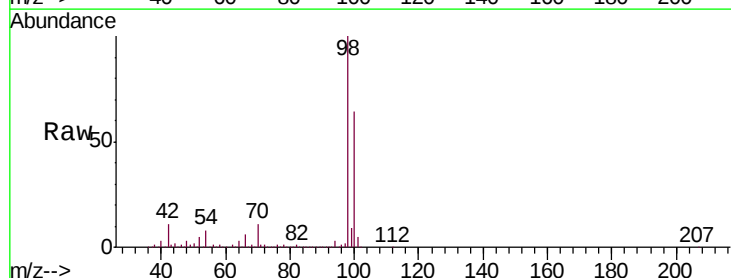
Instrument :
MSVOA_N
ClientSampleId :
ICVVN112718

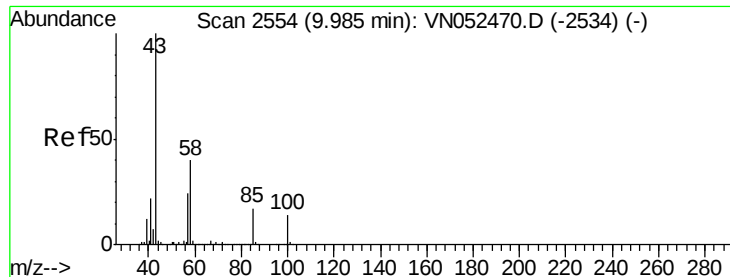
Tgt Ion: 88 Resp: 66610
Ion Ratio Lower Upper
88 100
43 38.0 26.4 39.6
58 73.5 55.4 83.0



#50
Toluene-d8
Concen: 728.922 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

Tgt Ion: 98 Resp: 2080257
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9

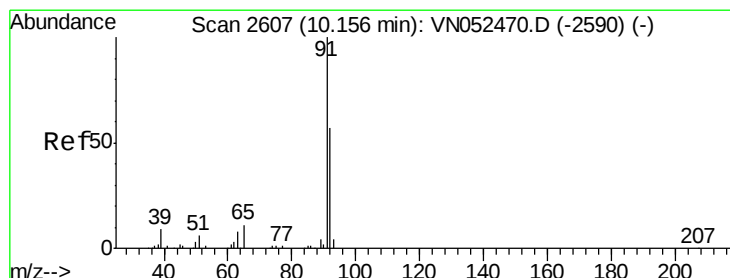
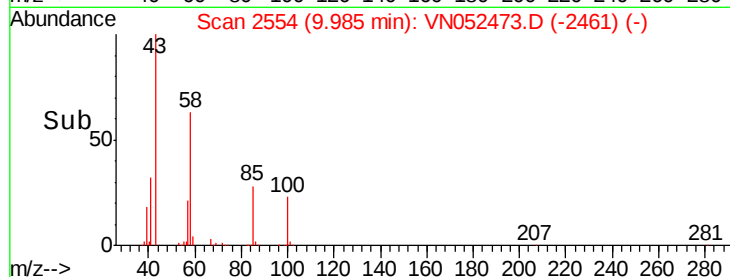
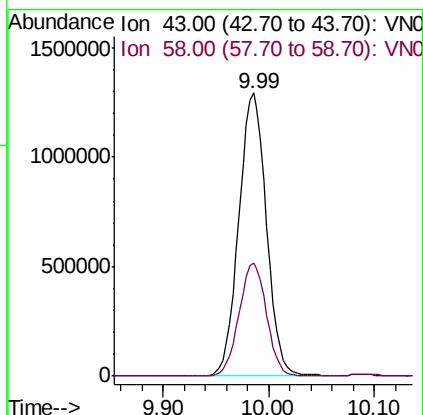
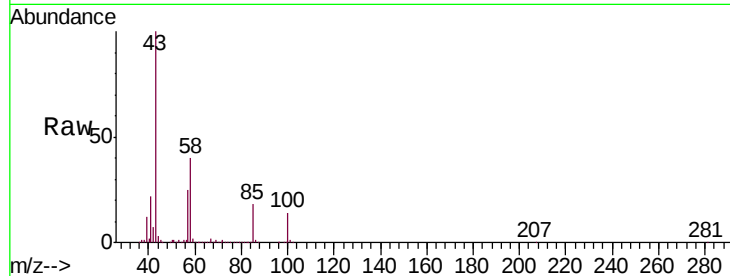




#51
 4-Methyl-2-Pentanone
 Concen: 247.859 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN052473.D
 Acq: 27 Nov 2018 11:58

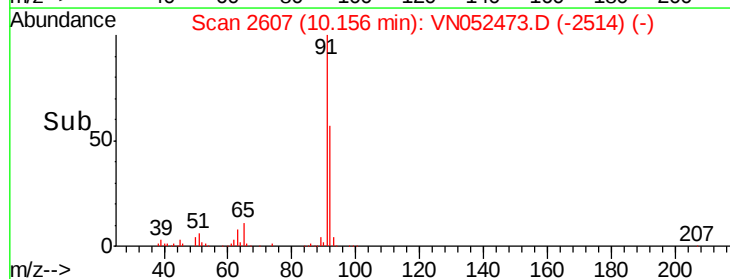
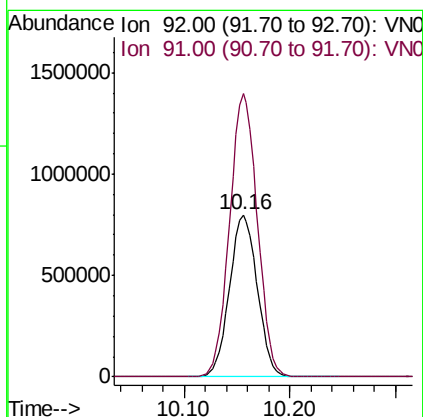
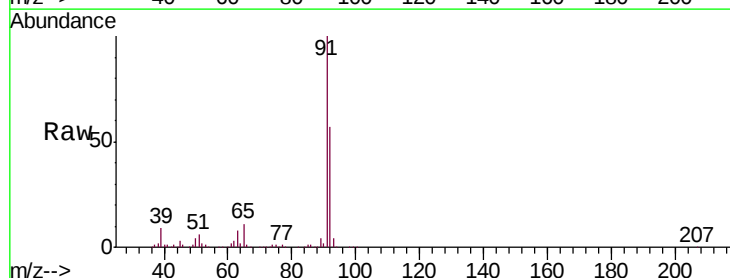
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN112718

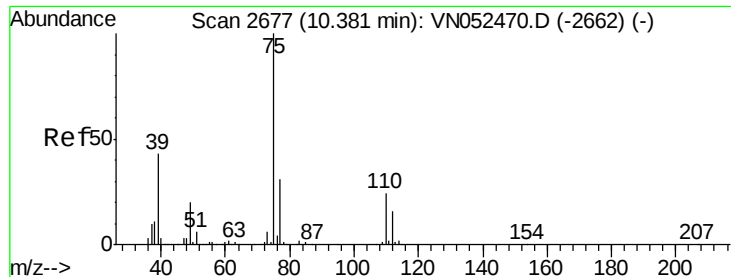
Tgt Ion: 43 Resp: 2348329
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.5 47.3



#52
 Toluene
 Concen: 50.206 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN052473.D
 Acq: 27 Nov 2018 11:58

Tgt Ion: 92 Resp: 1453489
 Ion Ratio Lower Upper
 92 100
 91 174.5 141.0 211.4





#53

t-1,3-Dichloropropene

Concen: 52.171 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

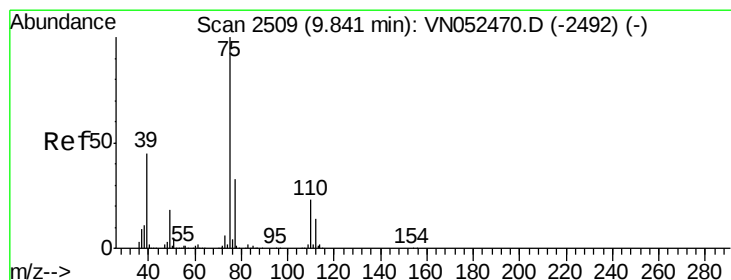
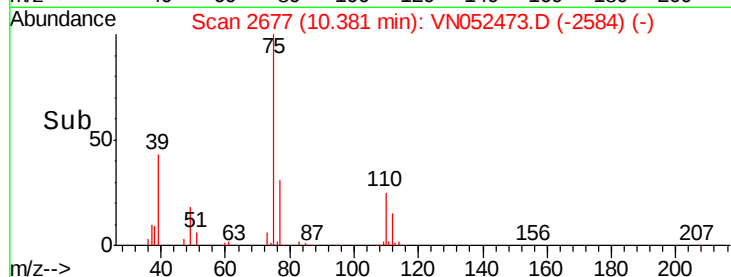
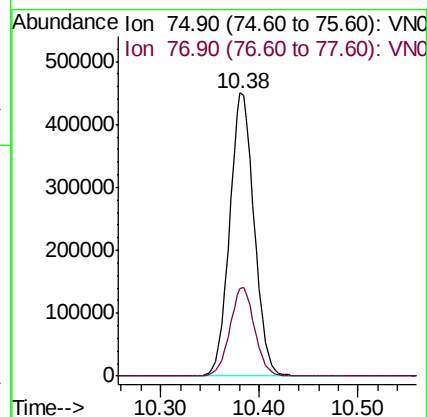
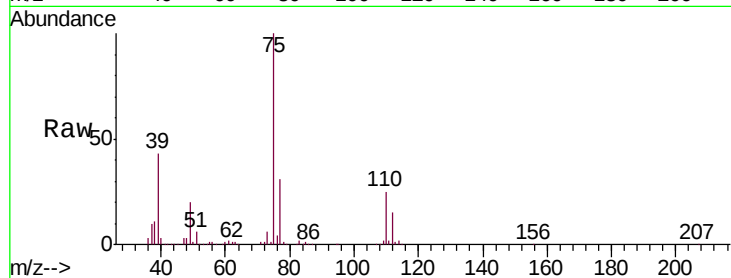
ICVFN112718

Tgt Ion: 75 Resp: 782566

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 51.881 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

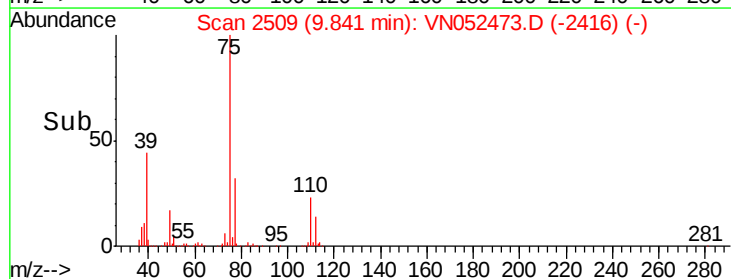
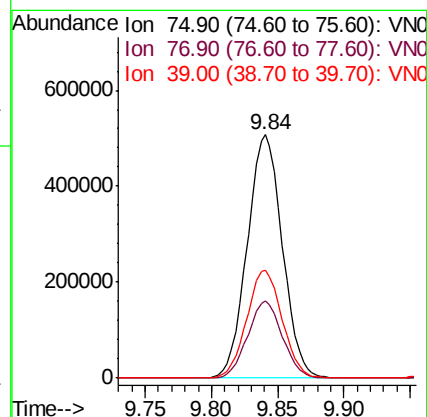
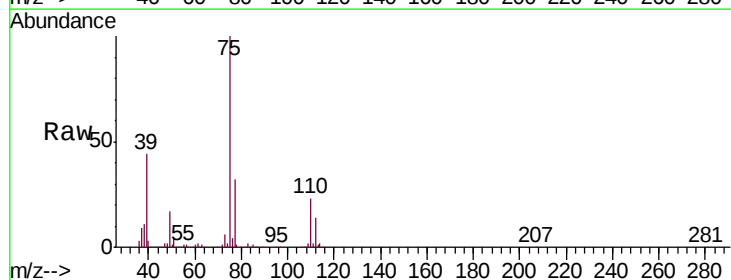
Tgt Ion: 75 Resp: 932581

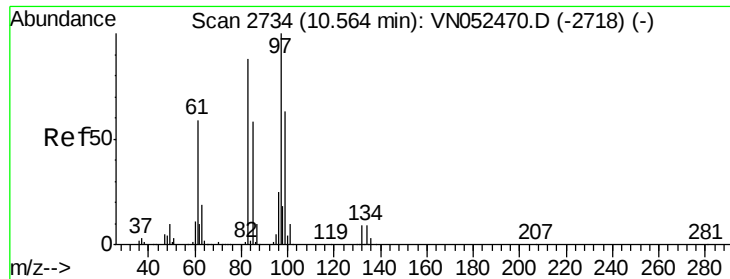
Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

39 44.4 36.0 54.0

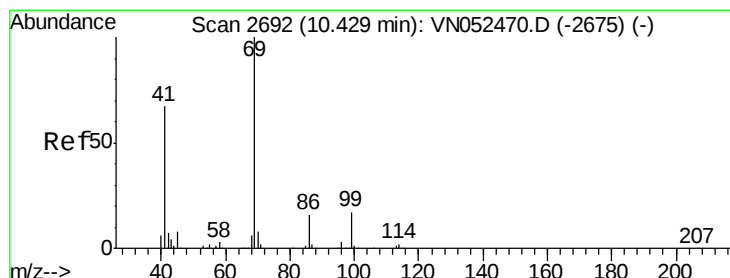
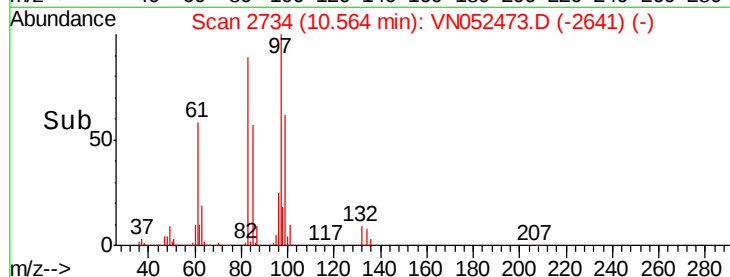
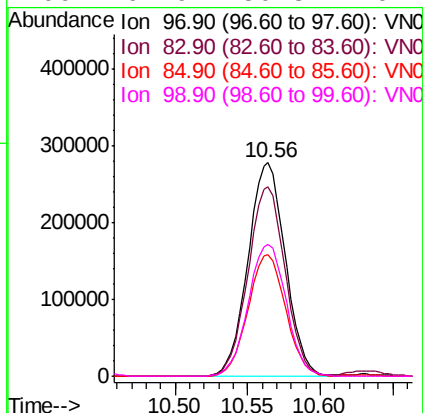
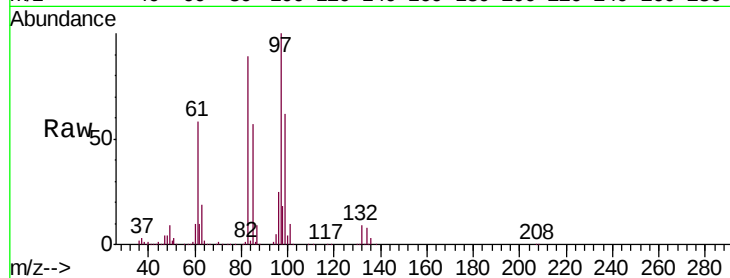




#55
 1,1,2-Trichloroethane
 Concen: 49.026 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN052473.D
 Acq: 27 Nov 2018 11:58

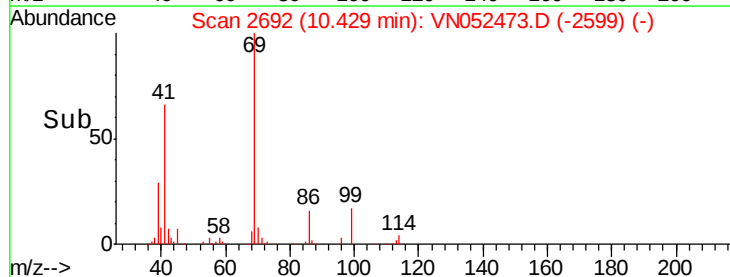
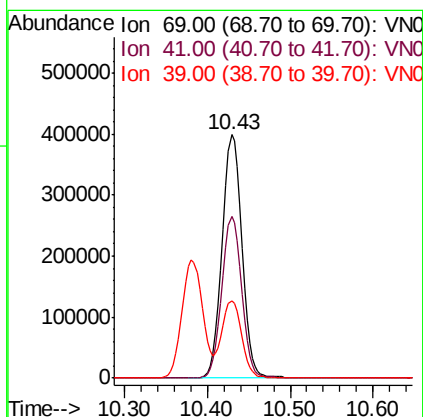
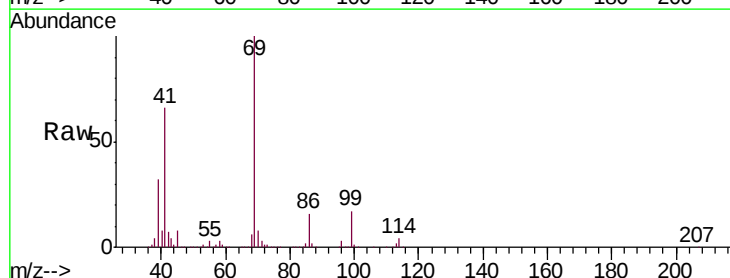
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN112718

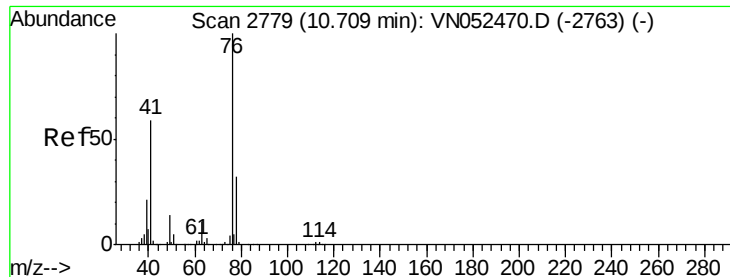
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.0	70.7	106.1
85	57.1	46.1	69.1
99	61.9	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 46.805 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN052473.D
 Acq: 27 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.6	79.0
39	32.2	25.9	38.9





#57

1,3-Dichloropropane

Concen: 48.725 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

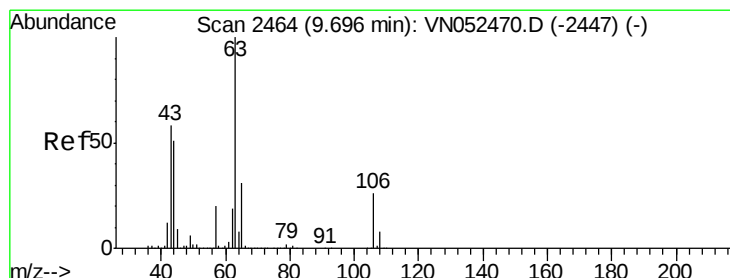
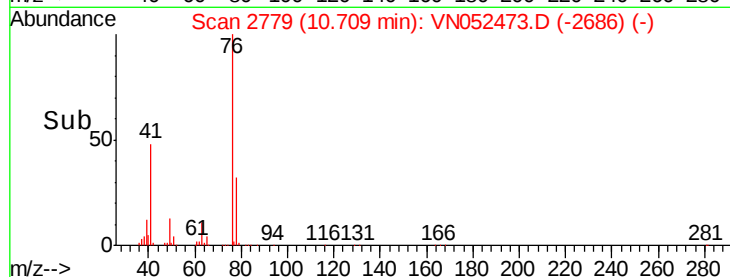
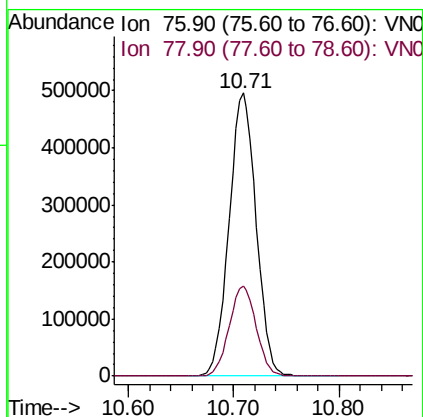
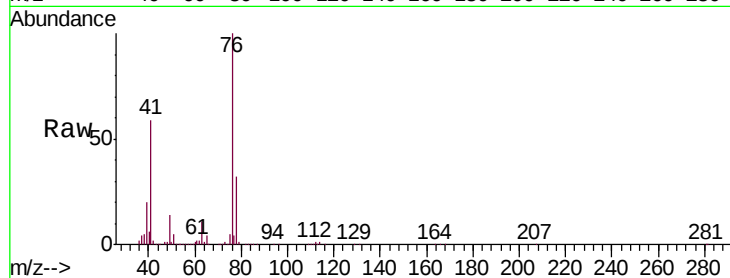
ICVVN112718

Tgt Ion: 76 Resp: 876136

Ion Ratio Lower Upper

76 100

78 31.8 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 248.590 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN052473.D

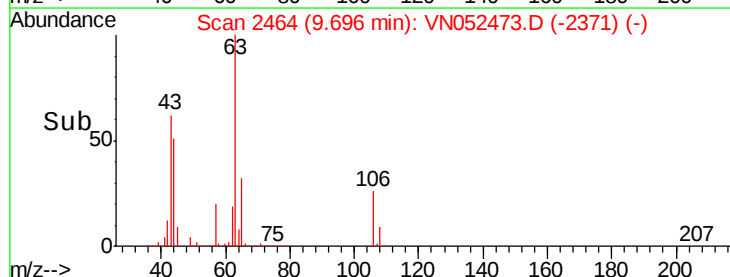
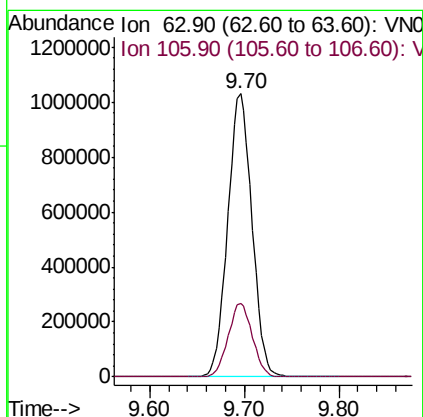
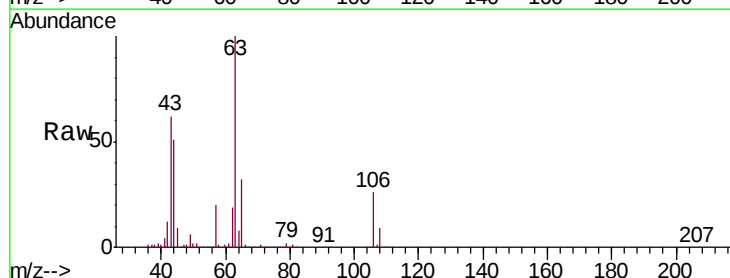
Acq: 27 Nov 2018 11:58

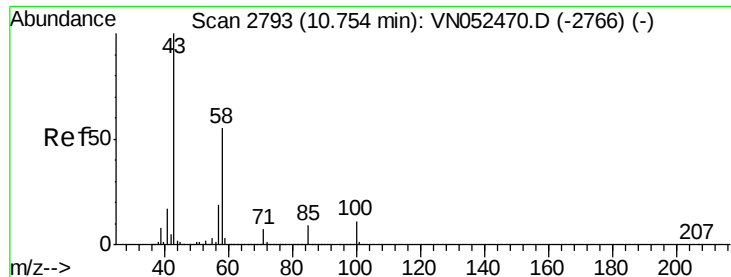
Tgt Ion: 63 Resp: 1836930

Ion Ratio Lower Upper

63 100

106 25.9 20.6 30.8

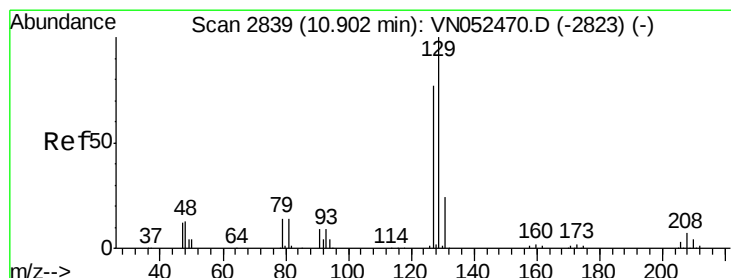
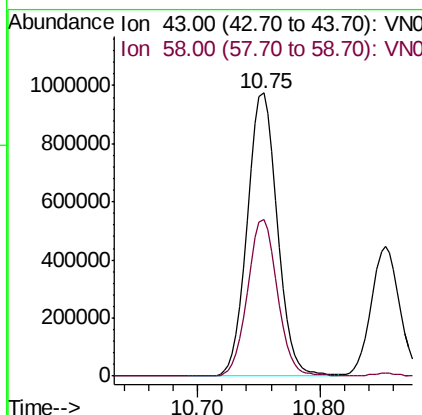
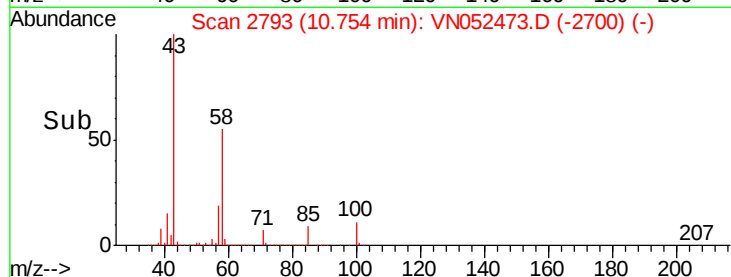
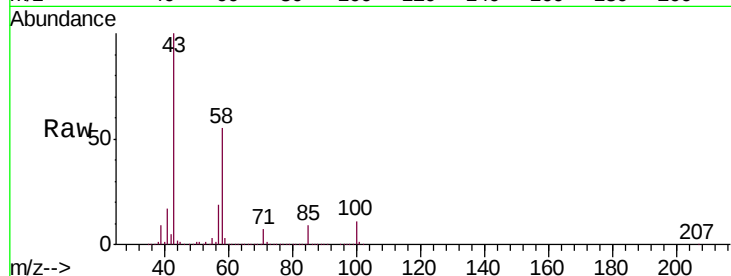




#59
2-Hexanone
Concen: 258.903 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

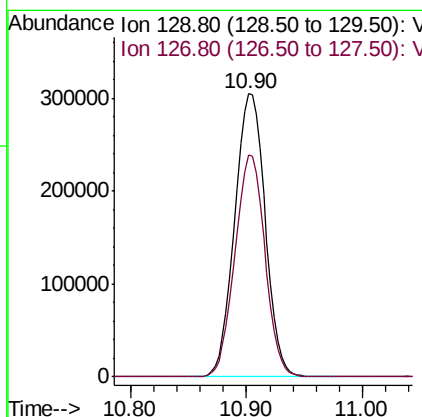
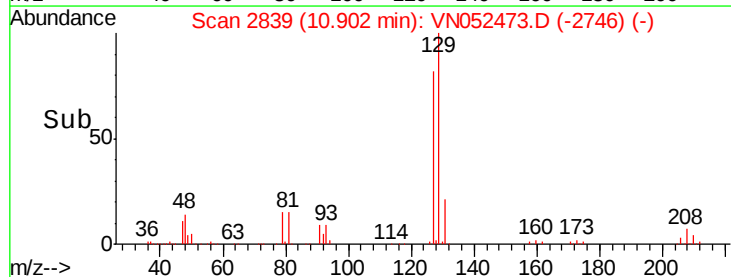
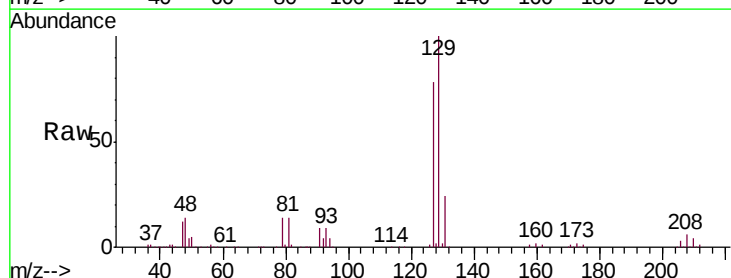
Instrument :
MSVOA_N
ClientSampleId :
ICVVN112718

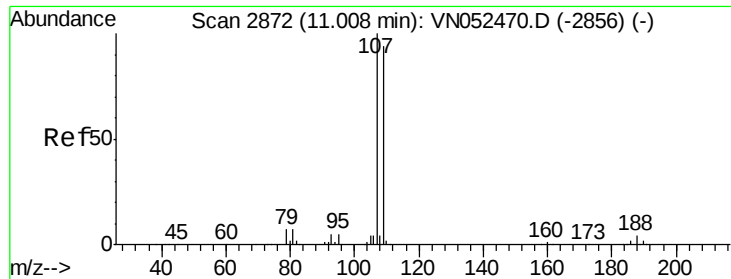
Tgt Ion: 43 Resp: 1646315
Ion Ratio Lower Upper
43 100
58 55.1 27.4 82.0



#60
Dibromochloromethane
Concen: 50.217 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

Tgt Ion: 129 Resp: 555416
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.6

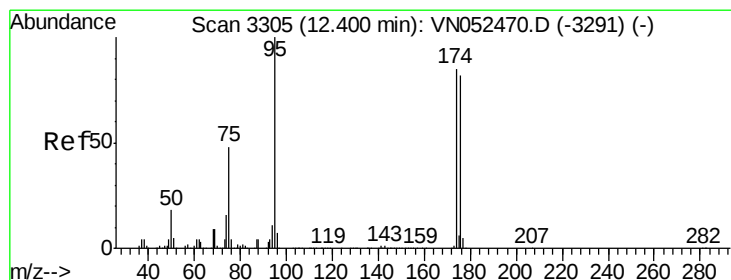
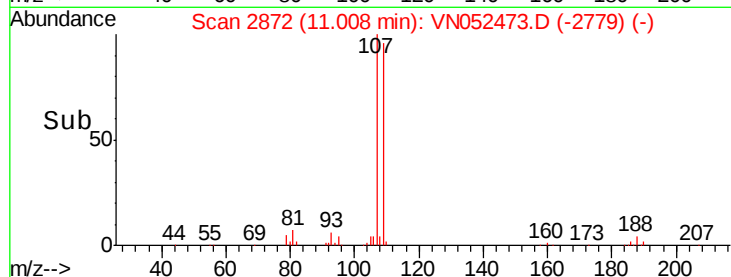
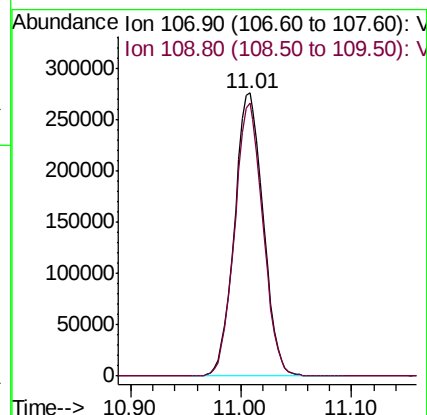
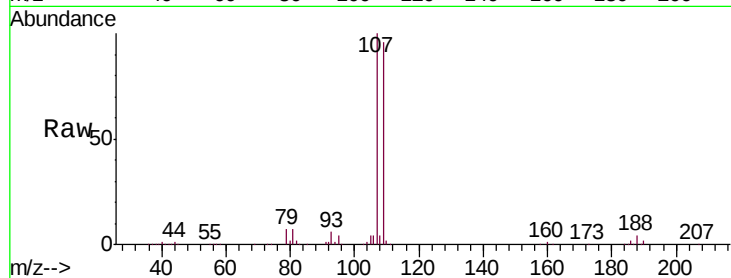




#61
 1,2-Dibromoethane
 Concen: 49.302 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN052473.D
 Acq: 27 Nov 2018 11:58

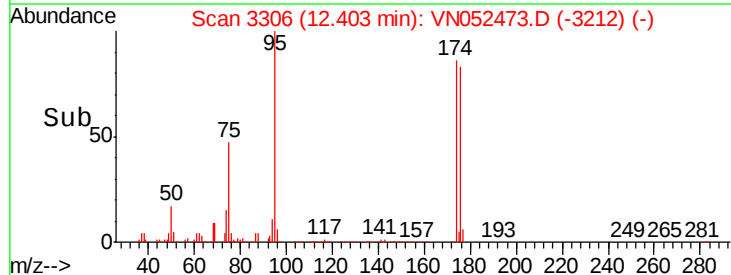
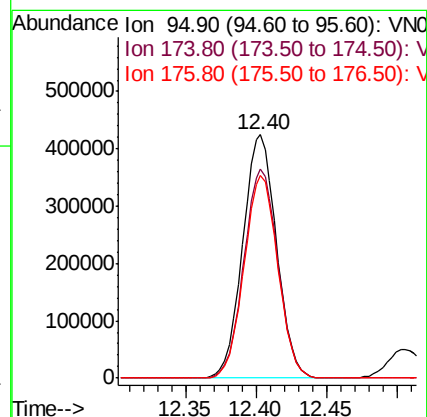
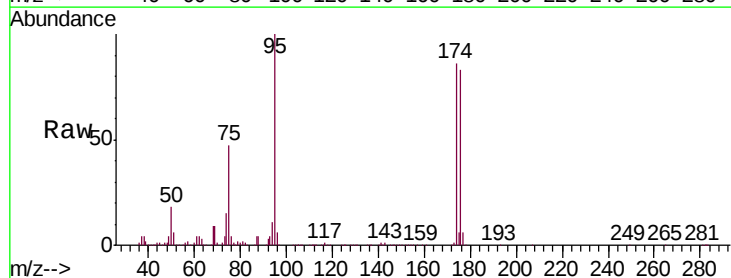
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN112718

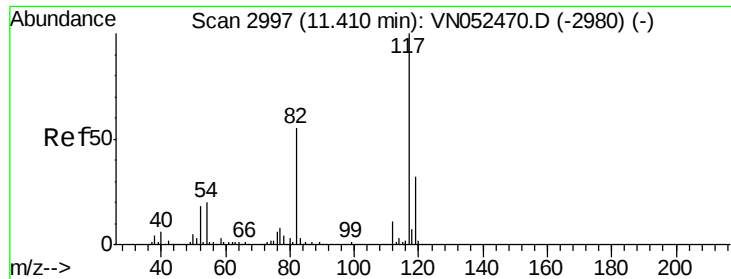
Tgt Ion: 107 Resp: 498653
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.302 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN052473.D
 Acq: 27 Nov 2018 11:58

Tgt Ion: 95 Resp: 711770
 Ion Ratio Lower Upper
 95 100
 174 86.5 0.0 173.0
 176 83.4 0.0 166.2

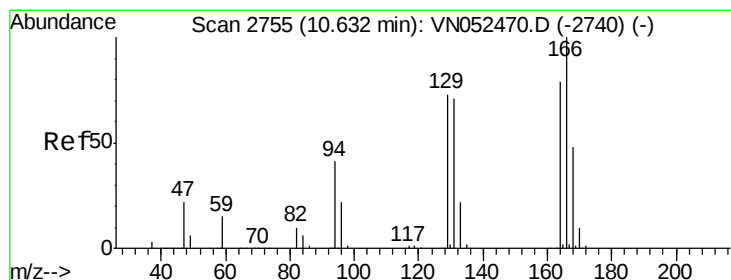
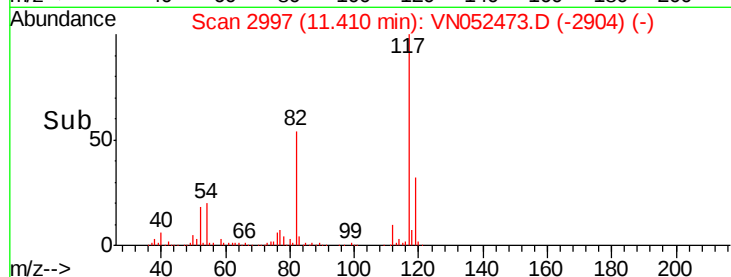
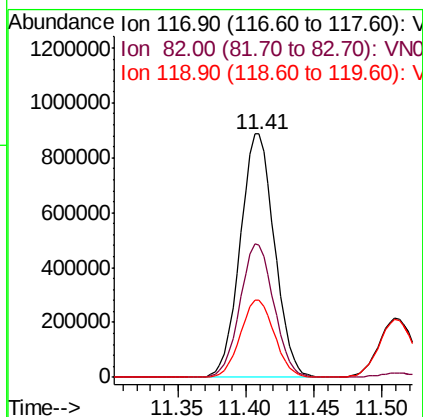
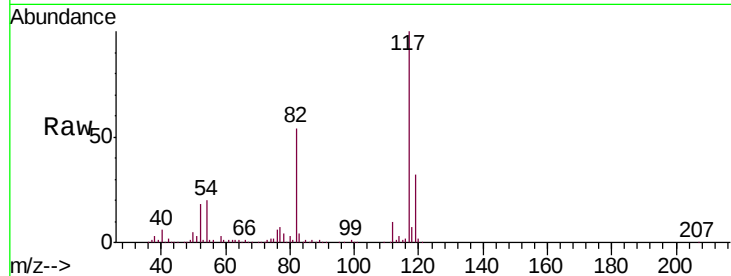




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

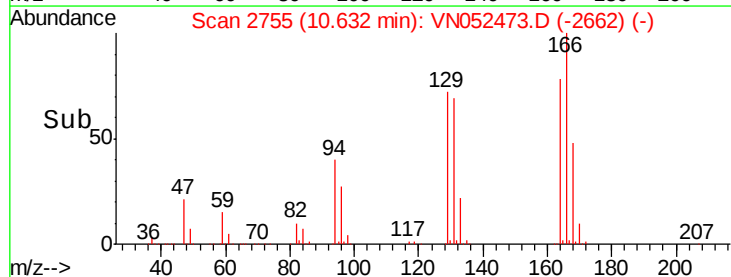
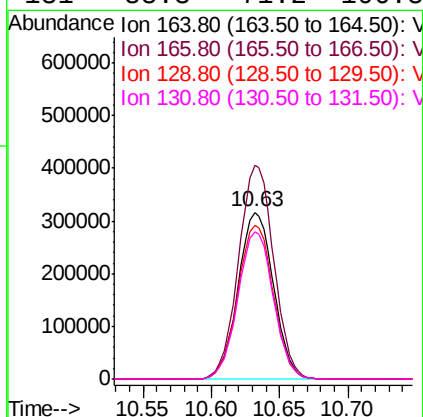
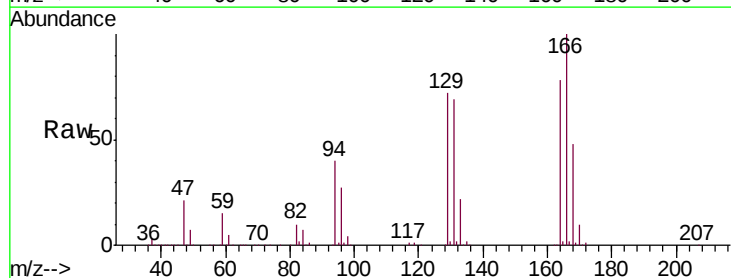
Instrument :
MSVOA_N
ClientSampleId :
ICVVN112718

Tgt Ion:117 Resp: 1542601
Ion Ratio Lower Upper
117 100
82 54.3 43.6 65.4
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 47.684 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

Tgt Ion:164 Resp: 570311
Ion Ratio Lower Upper
164 100
166 128.2 101.0 151.4
129 92.3 73.8 110.6
131 88.3 71.2 106.8





#65

Chlorobenzene

Concen: 49.372 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

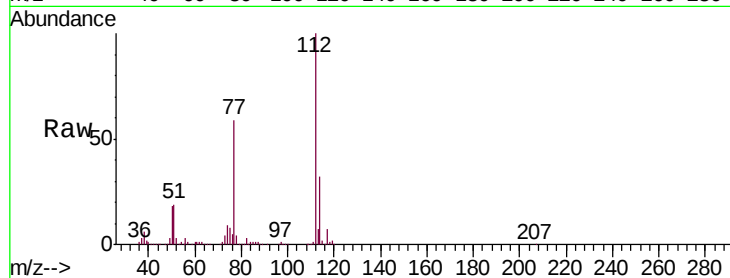
ICVNN112718

Tgt Ion:112 Resp: 1570436

Ion Ratio Lower Upper

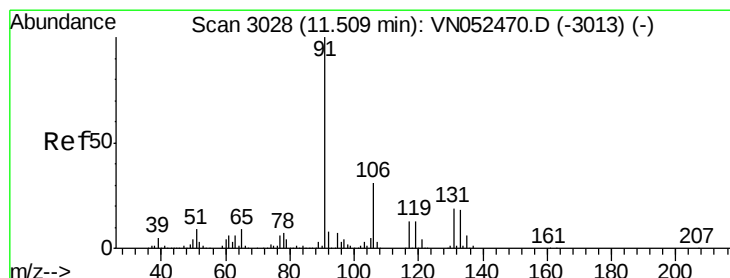
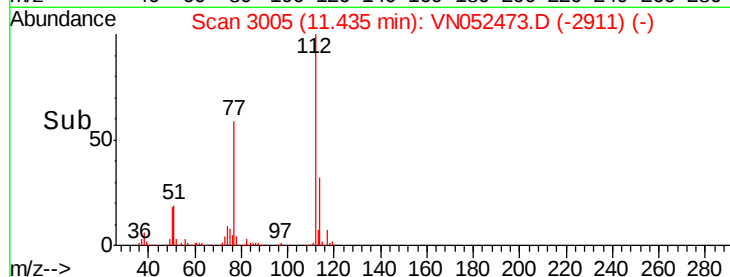
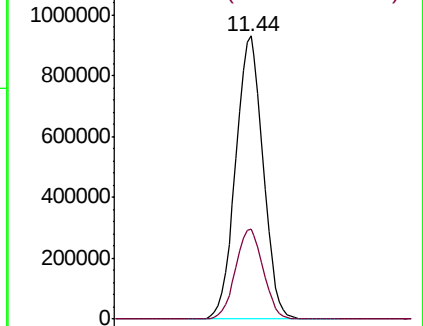
112 100

114 31.7 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.342 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

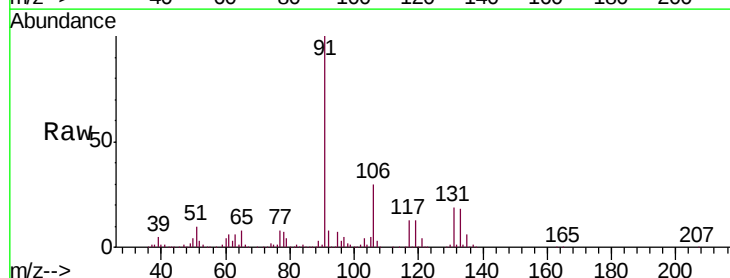
Tgt Ion:131 Resp: 545722

Ion Ratio Lower Upper

131 100

133 95.5 47.6 142.8

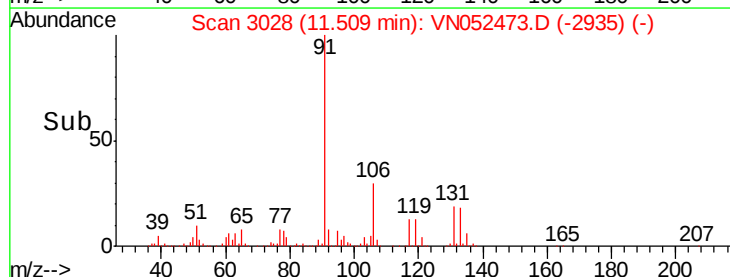
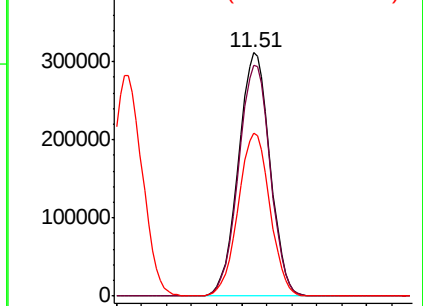
119 67.0 33.2 99.6

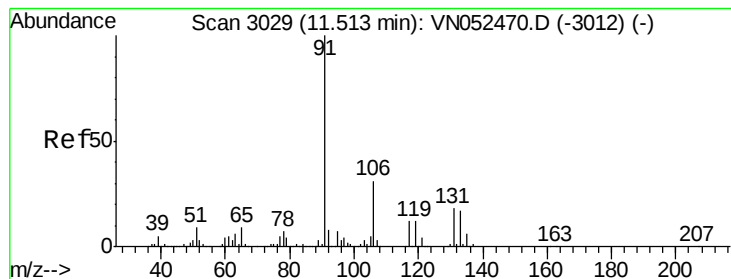


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.350 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

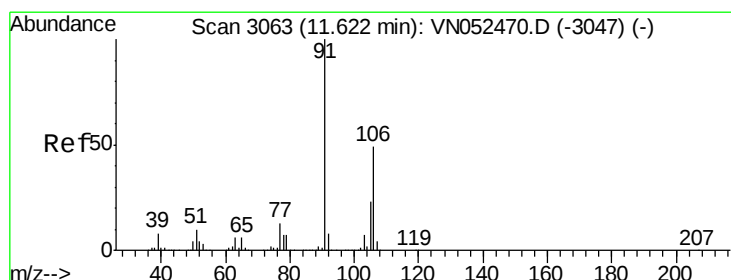
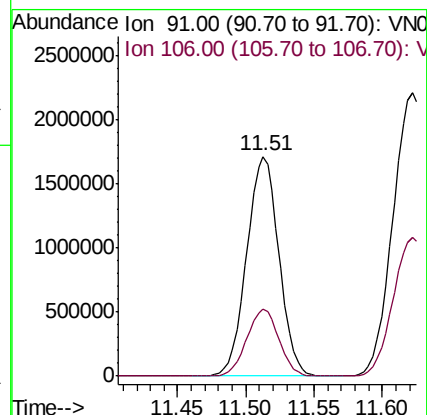
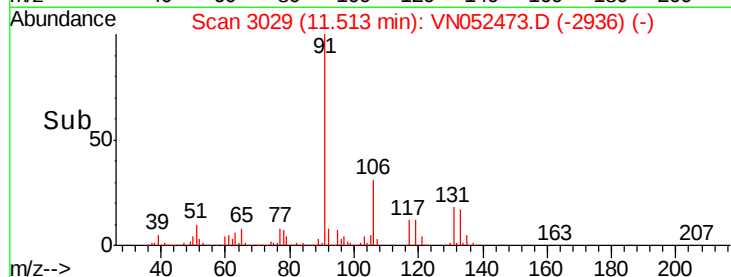
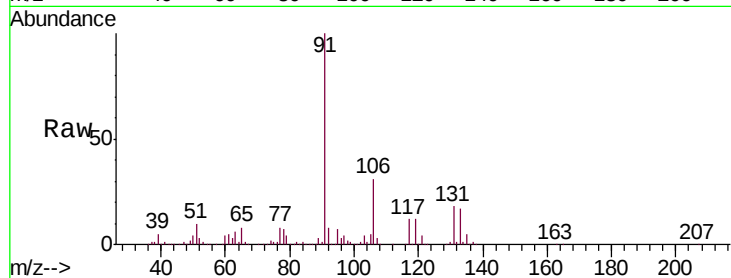
ICVNN112718

Tgt Ion: 91 Resp: 2804578

Ion Ratio Lower Upper

91 100

106 30.6 24.9 37.3



#68

m/p-Xylenes

Concen: 100.986 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN052473.D

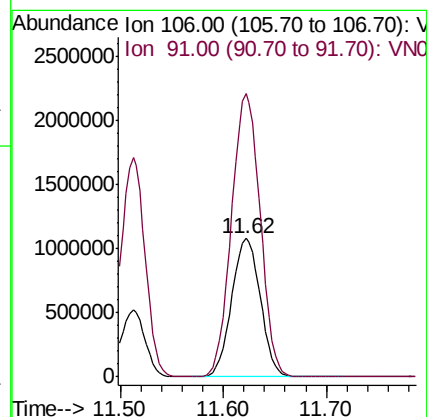
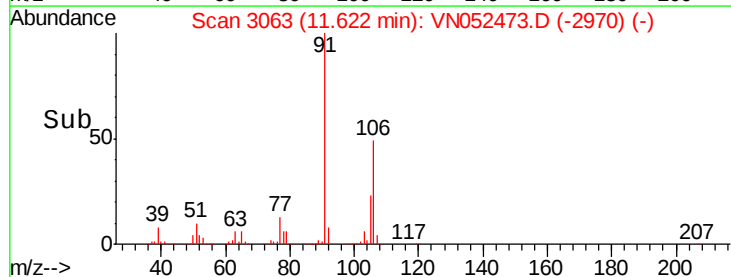
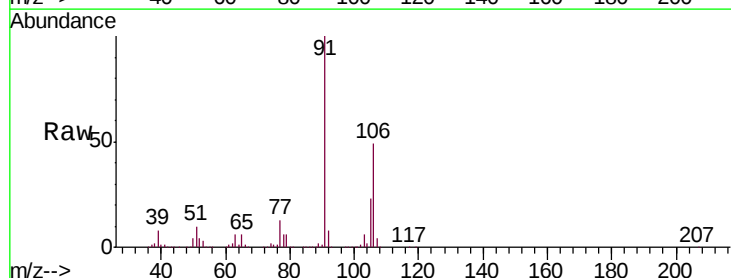
Acq: 27 Nov 2018 11:58

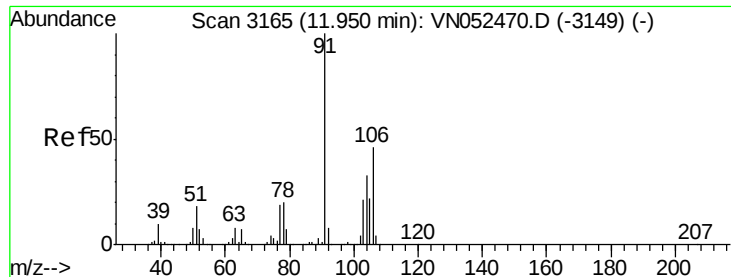
Tgt Ion: 106 Resp: 2094101

Ion Ratio Lower Upper

106 100

91 204.6 163.2 244.8

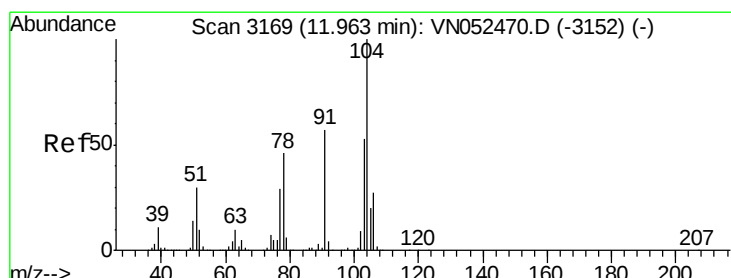
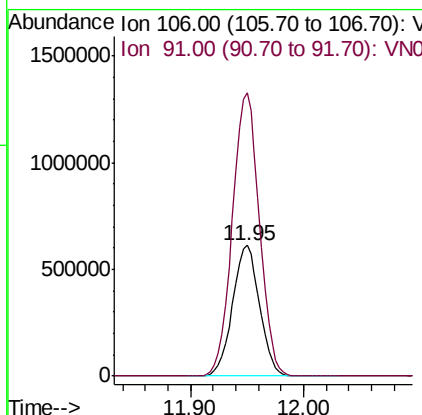
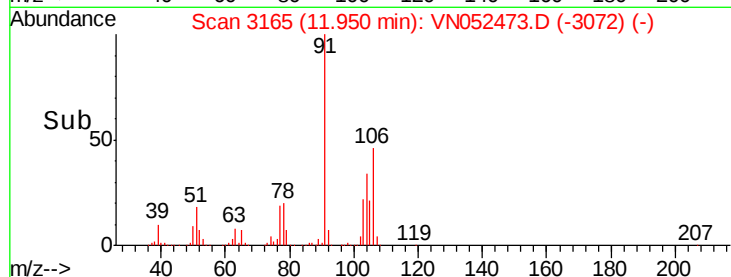
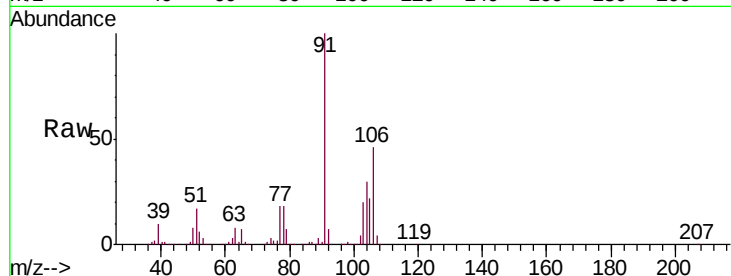




#69
o-Xylene
Concen: 50.459 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

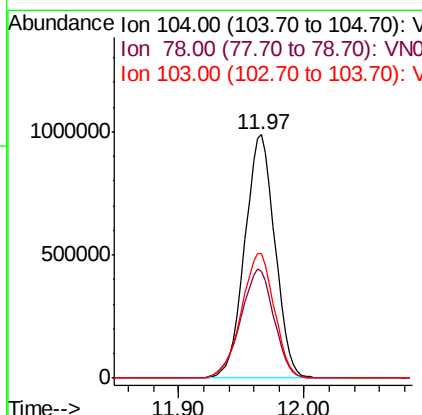
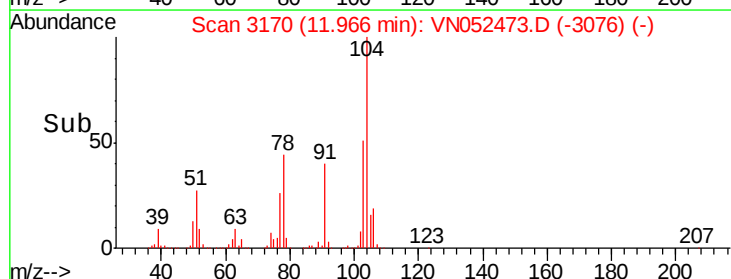
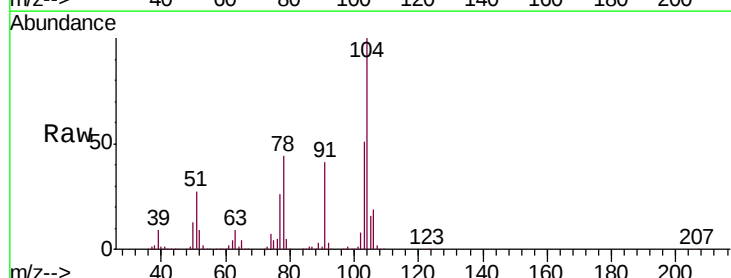
Instrument :
MSVOA_N
ClientSampleId :
ICVFN112718

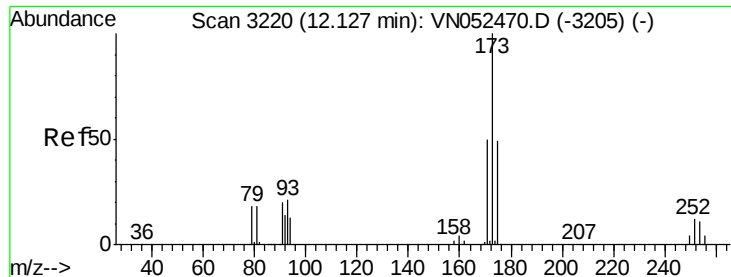
Tgt Ion:106 Resp: 1016078
Ion Ratio Lower Upper
106 100
91 216.5 107.7 323.1



#70
Styrene
Concen: 51.580 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

Tgt Ion:104 Resp: 1654323
Ion Ratio Lower Upper
104 100
78 49.3 39.4 59.2
103 55.8 44.9 67.3





#71

Bromoform

Concen: 50.863 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

ICVVN112718

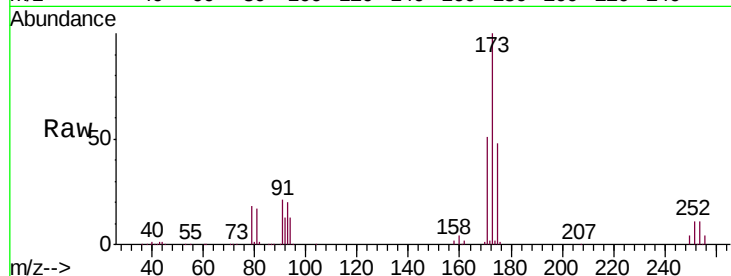
Tgt Ion:173 Resp: 372468

Ion Ratio Lower Upper

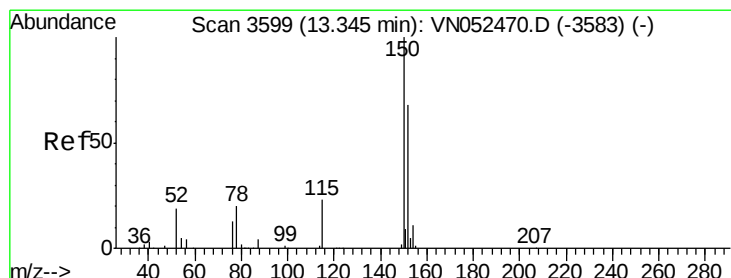
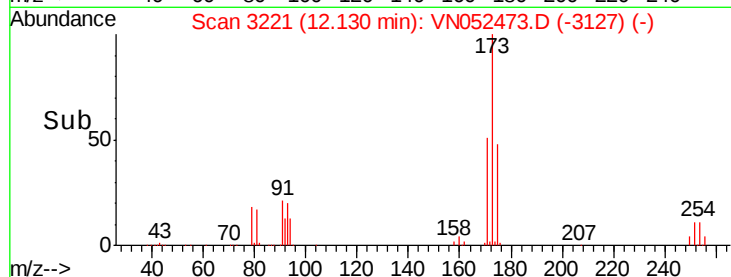
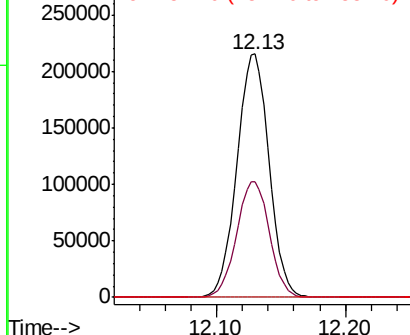
173 100

175 48.3 24.4 73.2

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

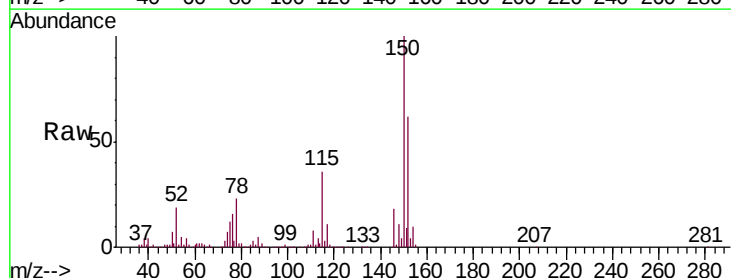
Tgt Ion:152 Resp: 710446

Ion Ratio Lower Upper

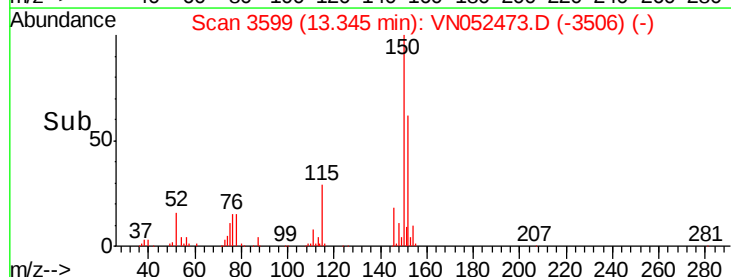
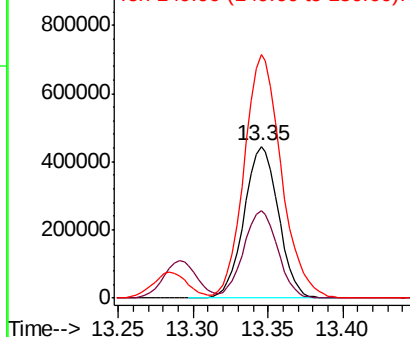
152 100

115 57.6 28.4 85.2

150 174.1 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.938 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

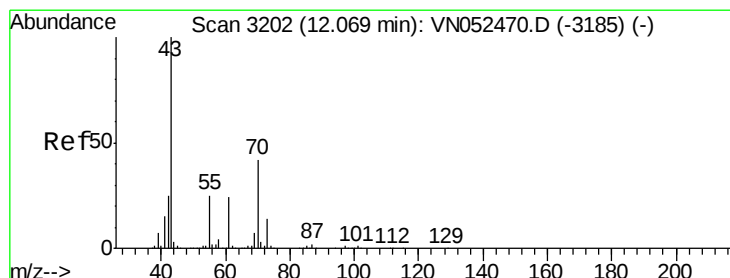
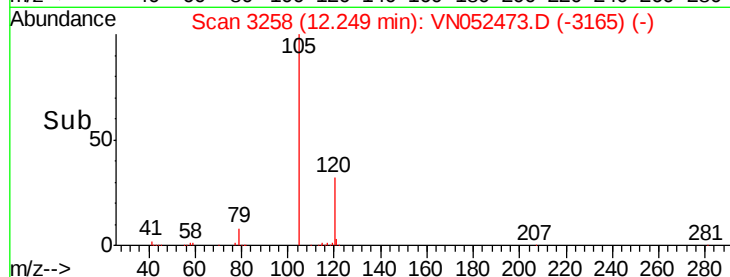
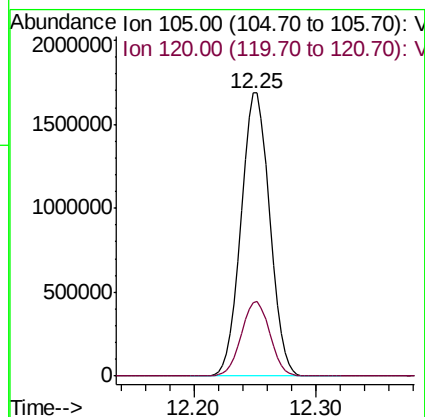
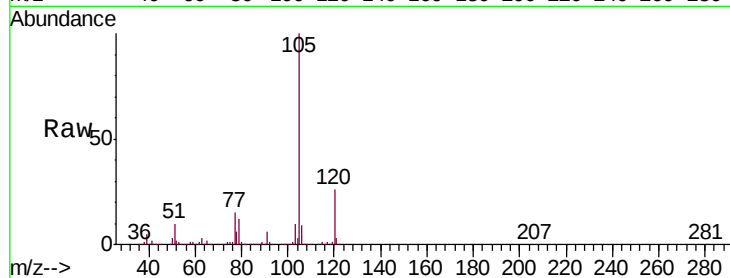
ICVFN112718

Tgt Ion:105 Resp: 2727744

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



#74

N-ethyl acetate

Concen: 51.659 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Tgt Ion: 43 Resp: 727456

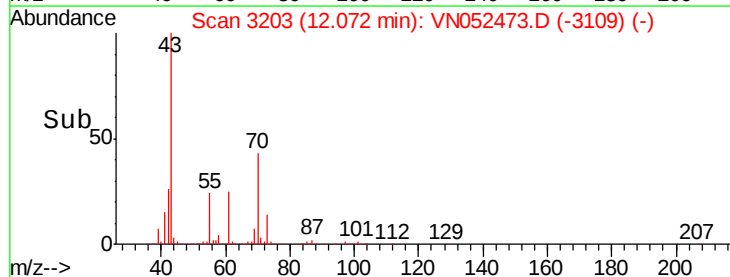
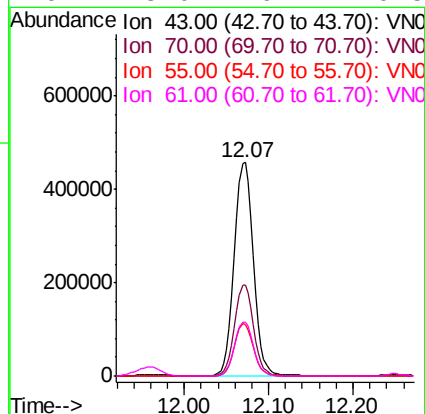
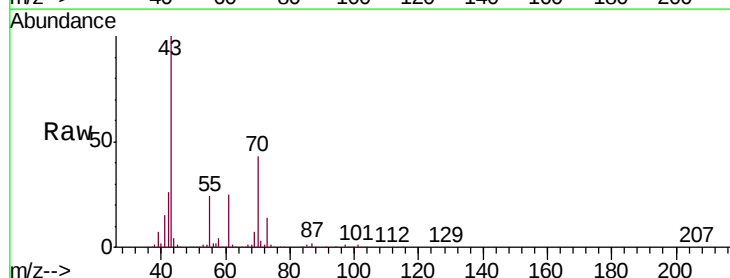
Ion Ratio Lower Upper

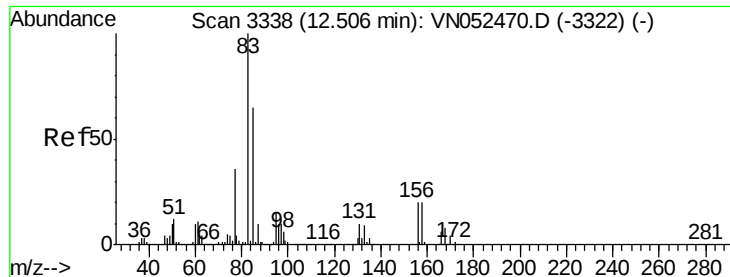
43 100

70 42.2 33.8 50.8

55 24.3 20.0 30.0

61 25.0 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.497 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

ICVVN112718

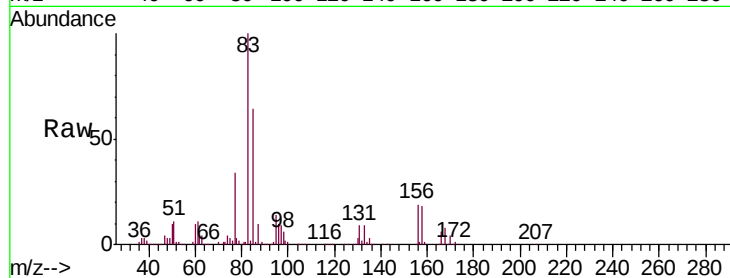
Tgt Ion: 83 Resp: 602231

Ion Ratio Lower Upper

83 100

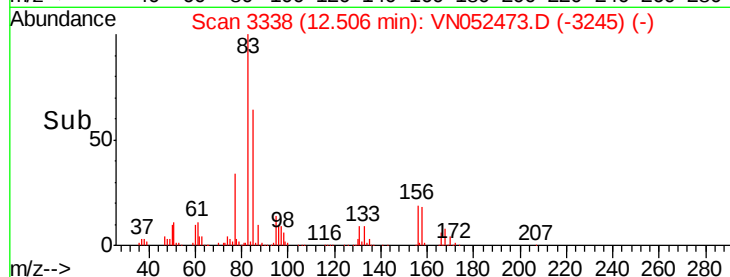
131 10.3 5.0 15.0

85 64.7 31.9 95.9

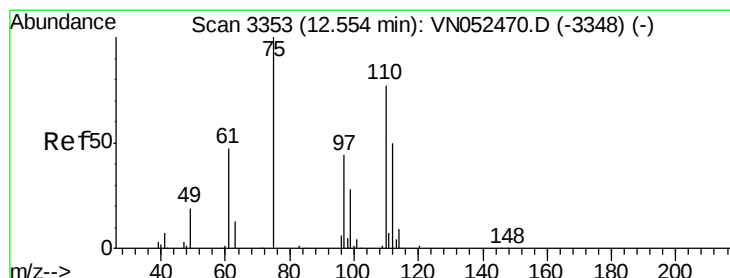


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO

12.51



Time-->



#76

1,2,3-Trichloropropane

Concen: 68.970 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN052473.D

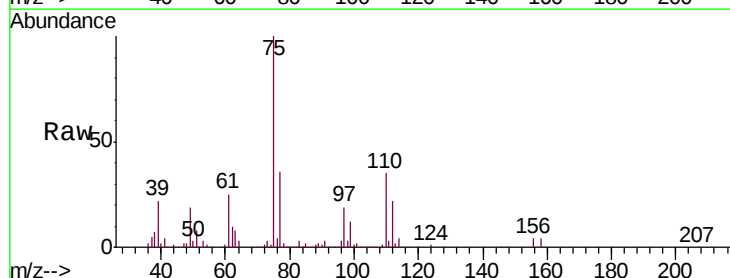
Acq: 27 Nov 2018 11:58

Tgt Ion: 75 Resp: 755600

Ion Ratio Lower Upper

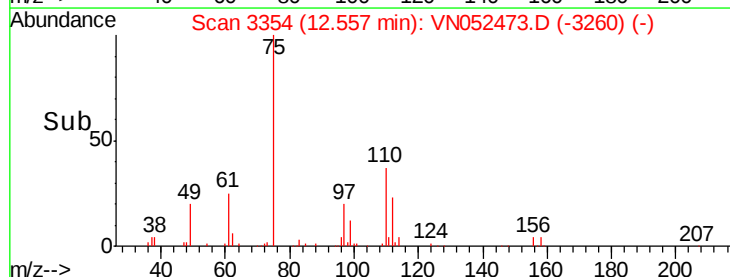
75 100

77 0.0 0.0 0.0

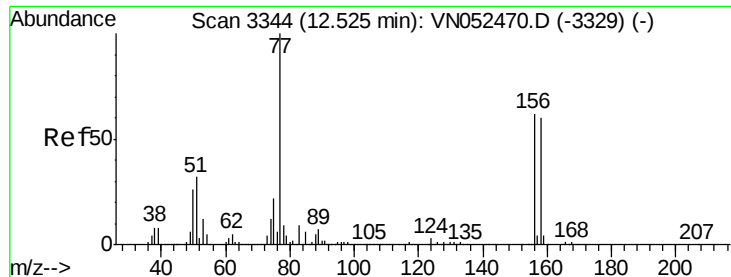


Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO

12.56



Time-->



#77

Bromobenzene

Concen: 48.336 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

ICVVN112718

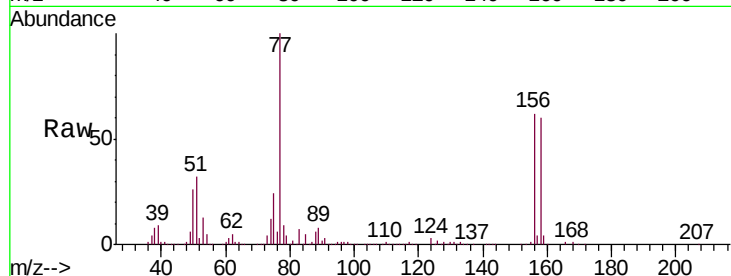
Tgt Ion:156 Resp: 665933

Ion Ratio Lower Upper

156 100

77 186.3 93.5 280.4

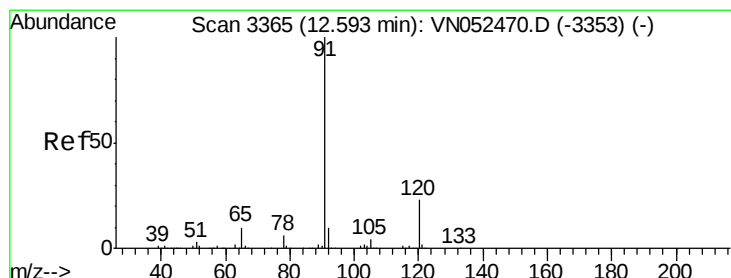
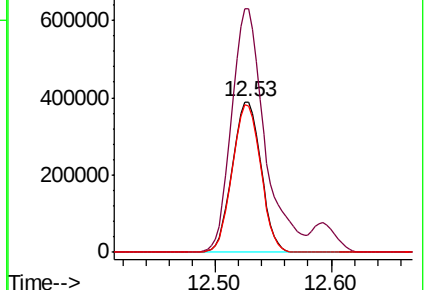
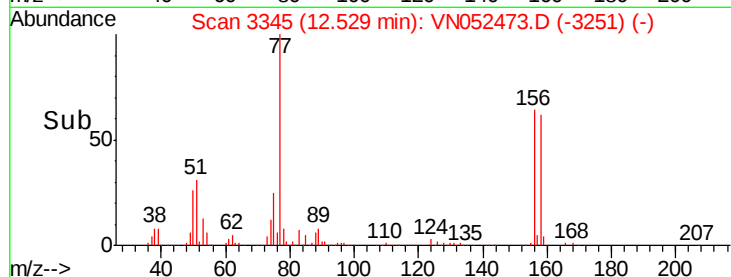
158 97.2 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.370 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN052473.D

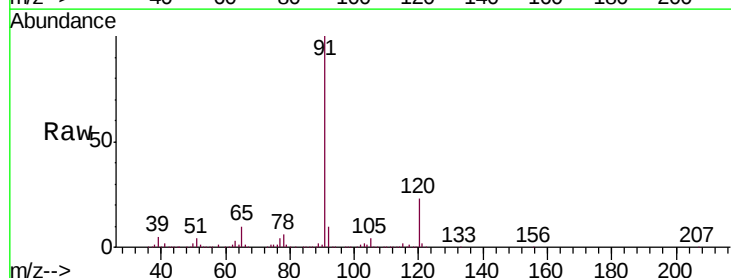
Acq: 27 Nov 2018 11:58

Tgt Ion: 91 Resp: 3189546

Ion Ratio Lower Upper

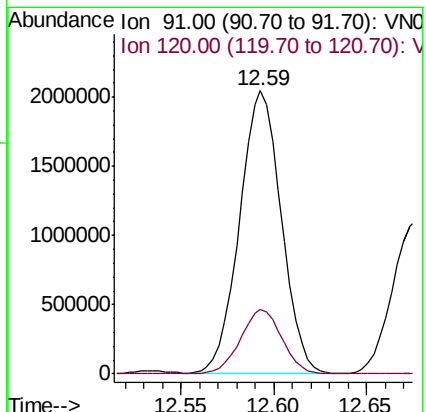
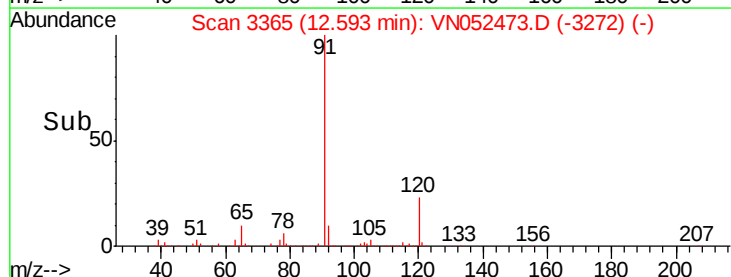
91 100

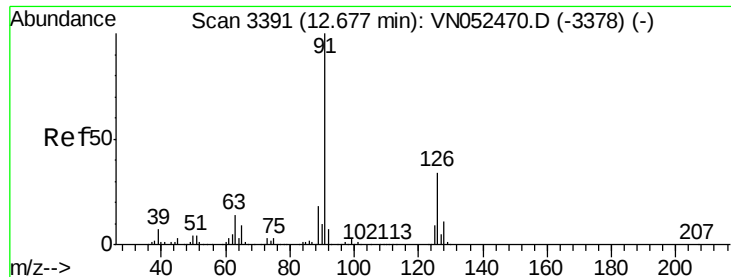
120 22.7 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.735 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

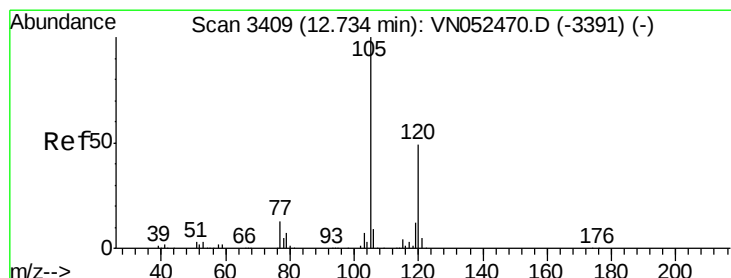
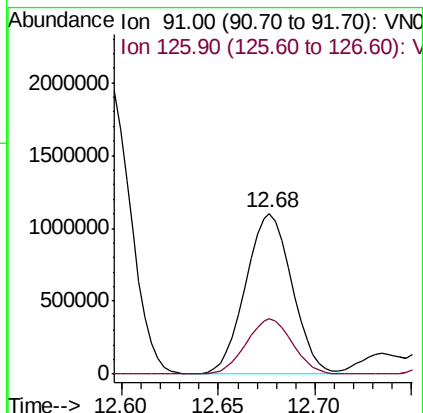
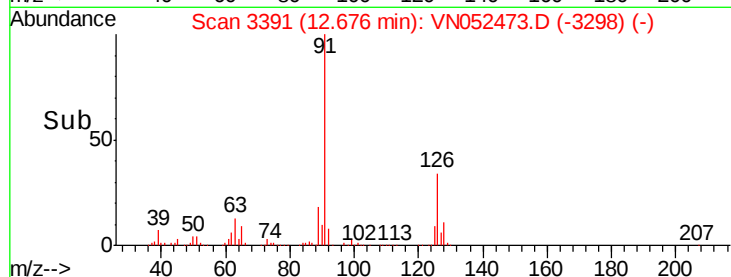
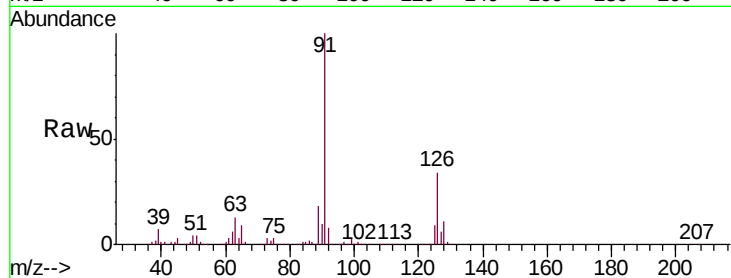
ICVFN112718

Tgt Ion: 91 Resp: 1837738

Ion Ratio Lower Upper

91 100

126 34.4 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 50.348 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN052473.D

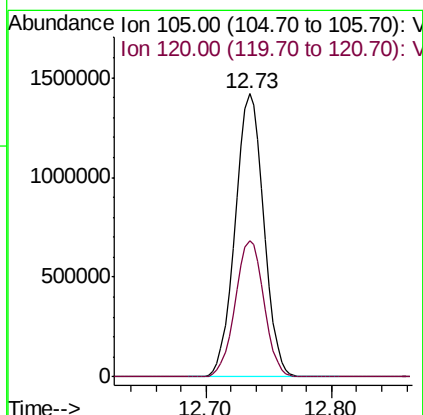
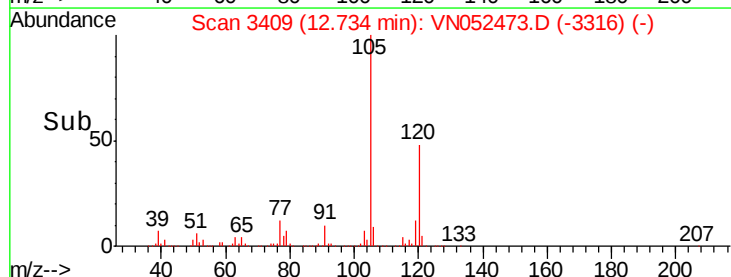
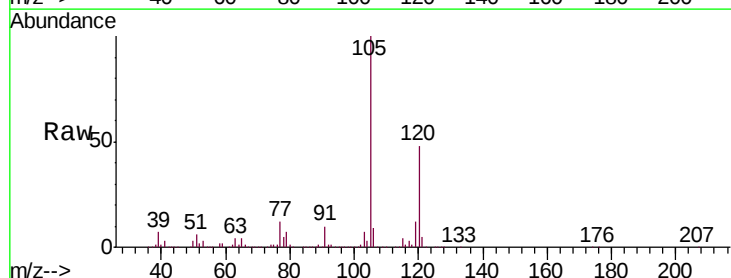
Acq: 27 Nov 2018 11:58

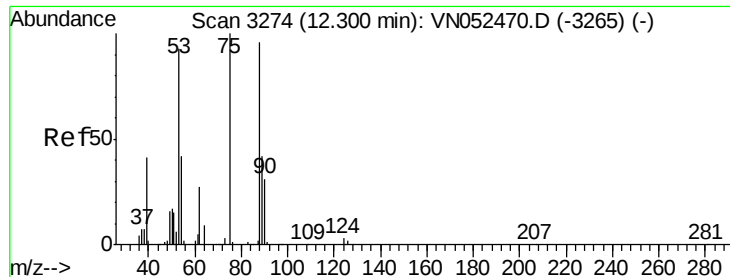
Tgt Ion: 105 Resp: 2238198

Ion Ratio Lower Upper

105 100

120 48.5 24.3 73.0

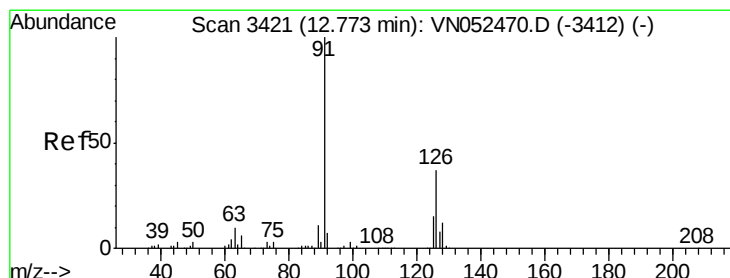
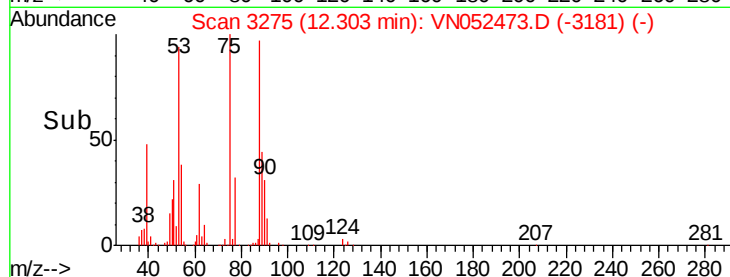
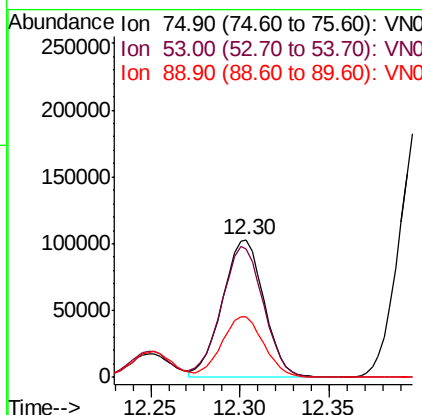
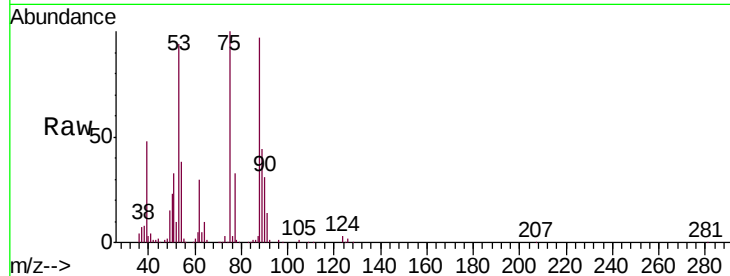




#81
trans-1,4-Dichloro-2-butene
Concen: 50.490 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

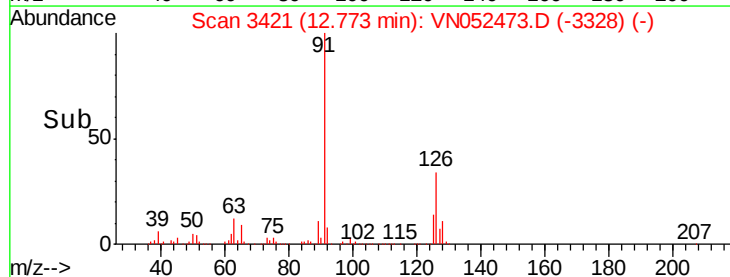
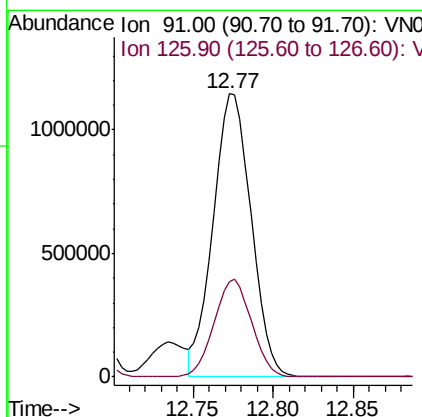
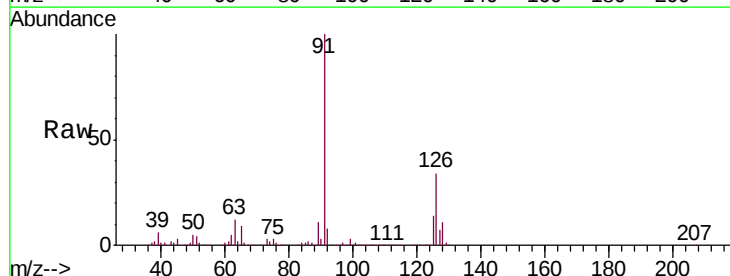
Instrument :
MSVOA_N
ClientSampleId :
ICVVN112718

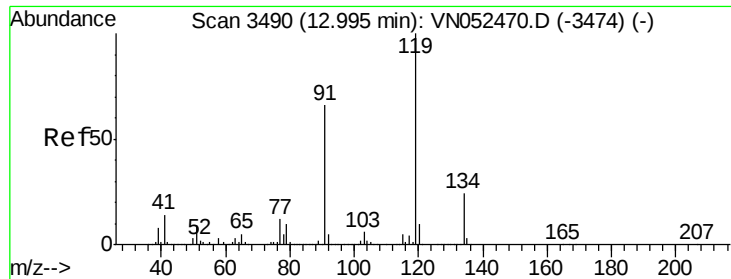
Tgt Ion: 75 Resp: 165634
Ion Ratio Lower Upper
75 100
53 97.4 77.4 116.0
89 44.9 35.4 53.2



#82
4-Chlorotoluene
Concen: 49.123 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN052473.D
Acq: 27 Nov 2018 11:58

Tgt Ion: 91 Resp: 1866866
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.6

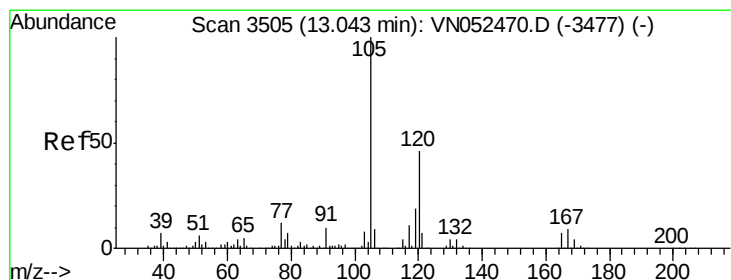
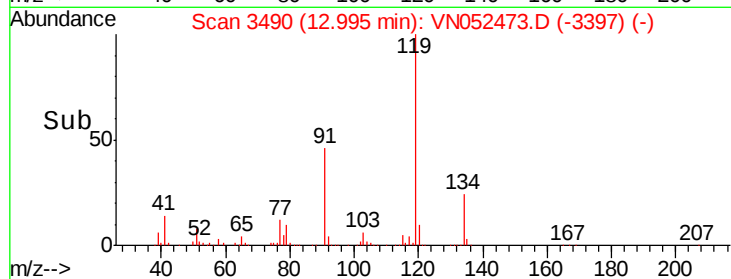
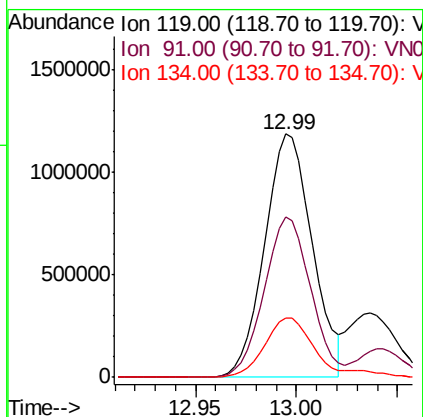
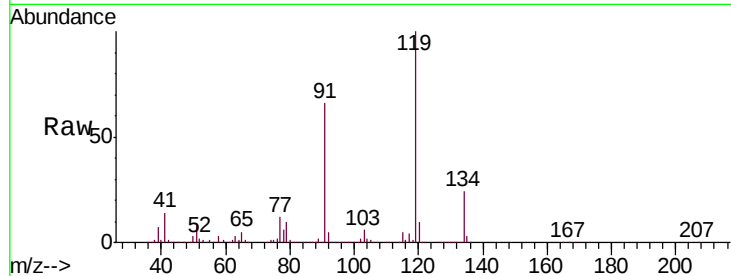




#83
 tert-Butylbenzene
 Concen: 49.158 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN052473.D
 Acq: 27 Nov 2018 11:58

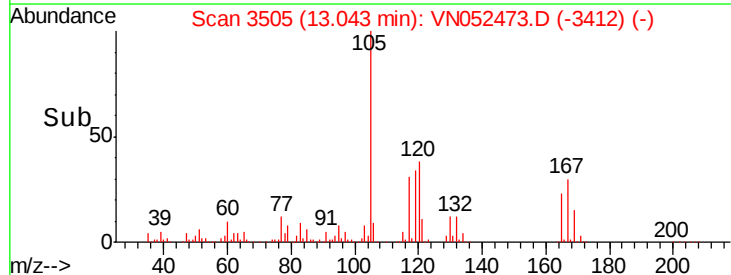
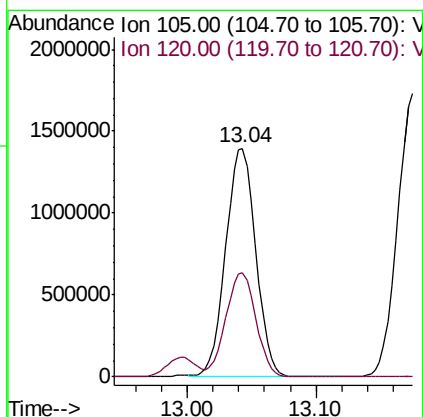
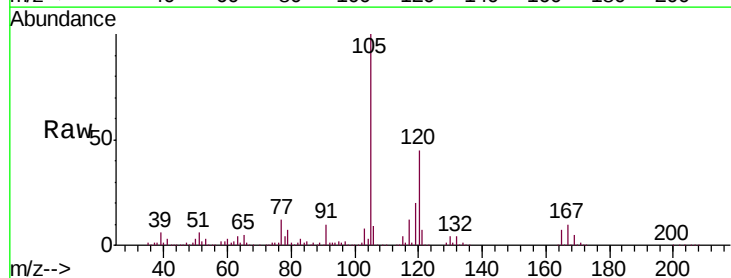
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN112718

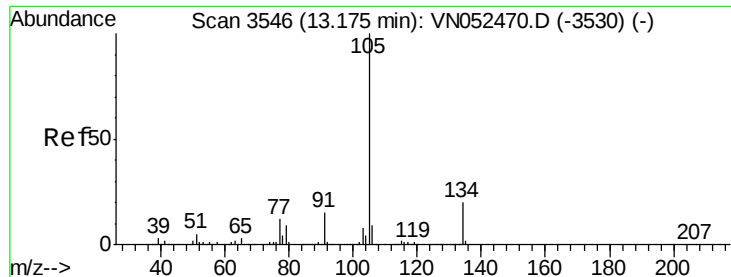
Tgt Ion:119 Resp: 1948190
 Ion Ratio Lower Upper
 119 100
 91 64.4 32.3 96.9
 134 26.3 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.616 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. -0.00 min
 Lab File: VN052473.D
 Acq: 27 Nov 2018 11:58

Tgt Ion:105 Resp: 2254962
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.8 68.4

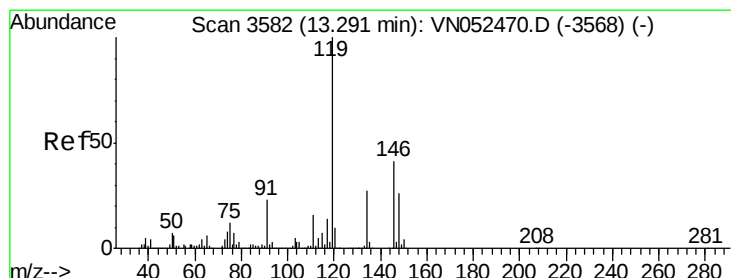
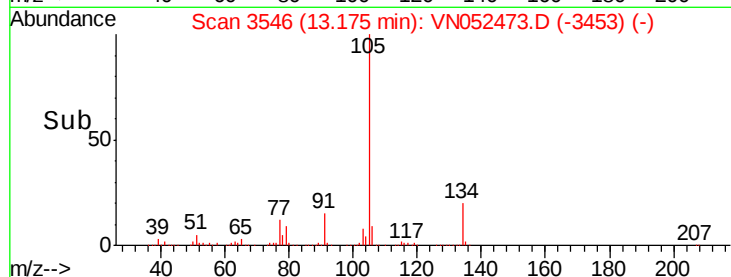
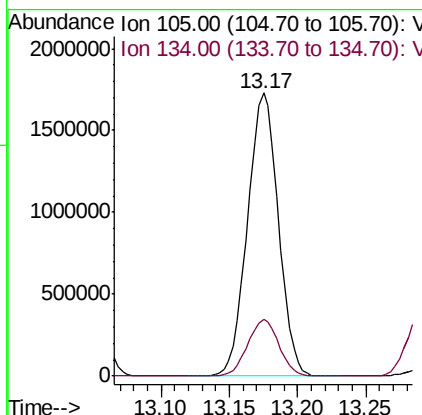
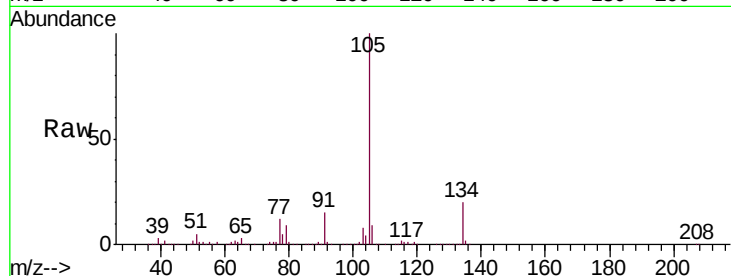




#85
 sec-Butylbenzene
 Concen: 50.231 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. -0.00 min
 Lab File: VN052473.D
 Acq: 27 Nov 2018 11:58

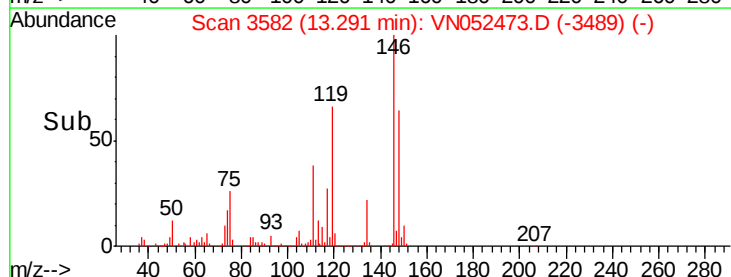
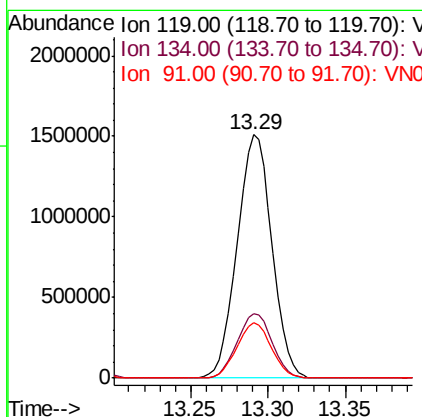
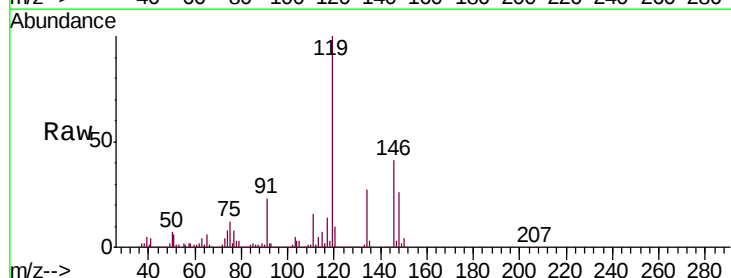
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN112718

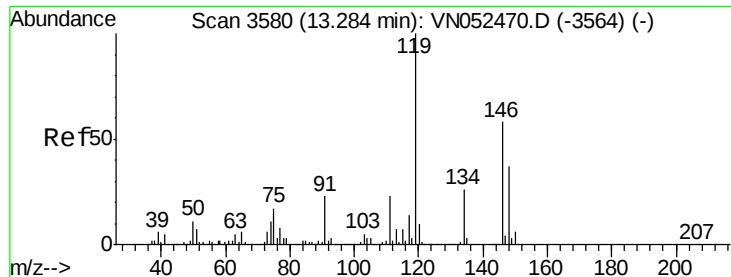
Tgt Ion:105 Resp: 2711411
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 51.037 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN052473.D
 Acq: 27 Nov 2018 11:58

Tgt Ion:119 Resp: 2346427
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 22.7 11.4 34.2

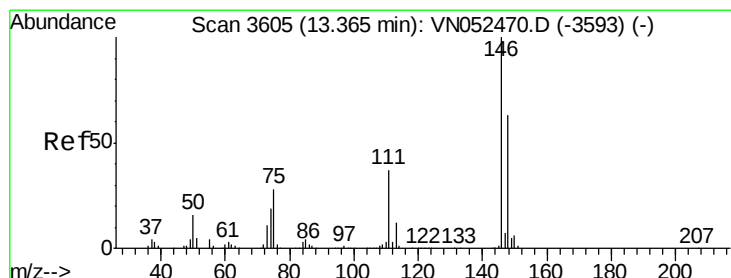
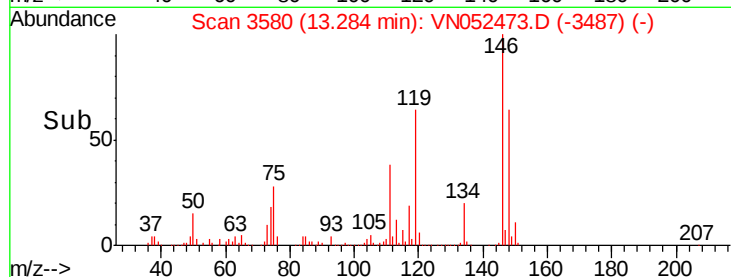
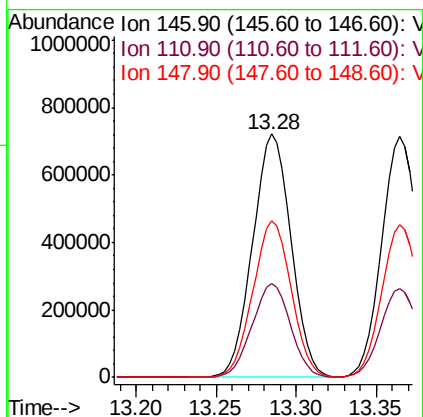
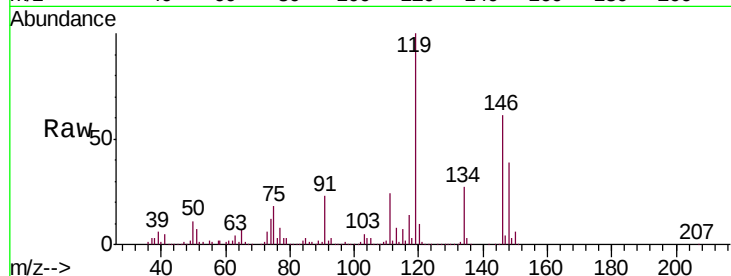




#87
 1,3-Dichlorobenzene
 Concen: 49.451 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN052473.D
 Acq: 27 Nov 2018 11:58

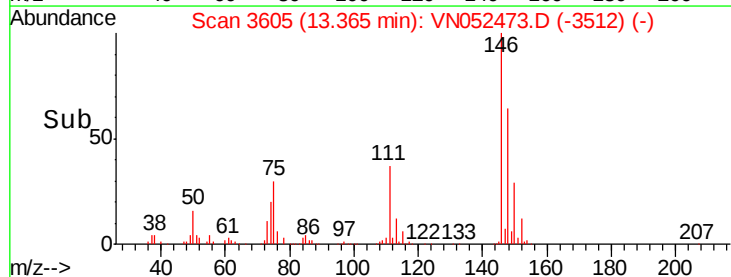
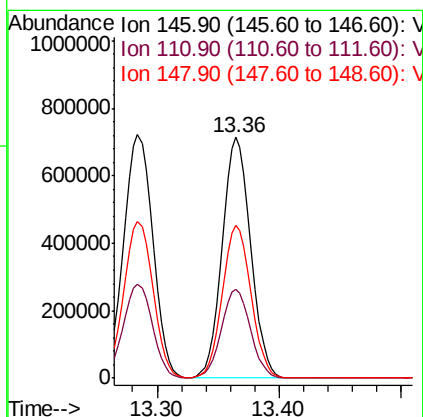
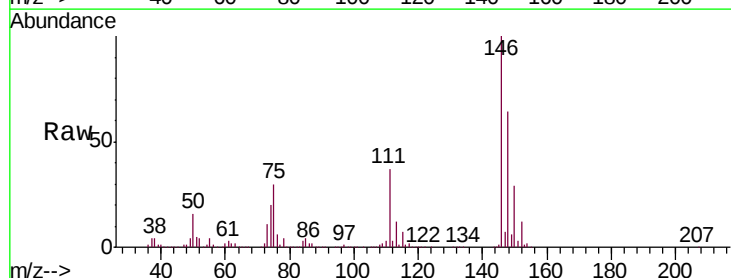
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN112718

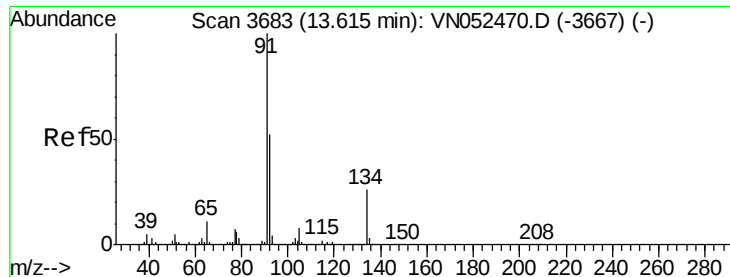
Tgt Ion:146 Resp: 1191721
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.4 58.4
 148 64.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 49.283 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN052473.D
 Acq: 27 Nov 2018 11:58

Tgt Ion:146 Resp: 1169860
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.6 56.0
 148 64.0 31.9 95.9





#89

n-Butylbenzene

Concen: 53.515 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

ICVNN112718

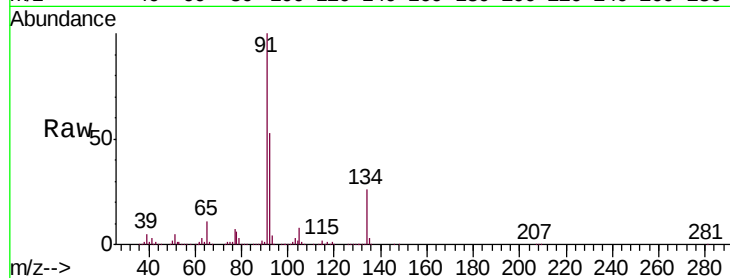
Tgt Ion: 91 Resp: 2046176

Ion Ratio Lower Upper

91 100

92 52.6 26.1 78.3

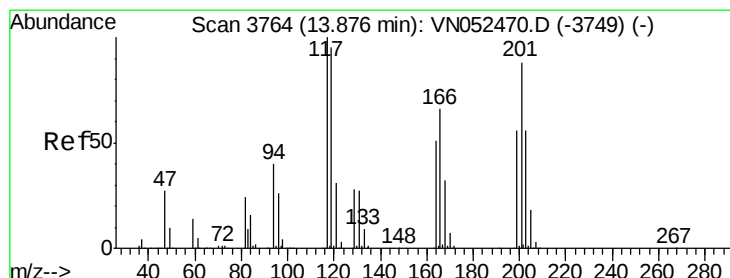
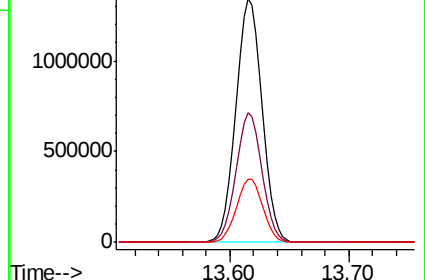
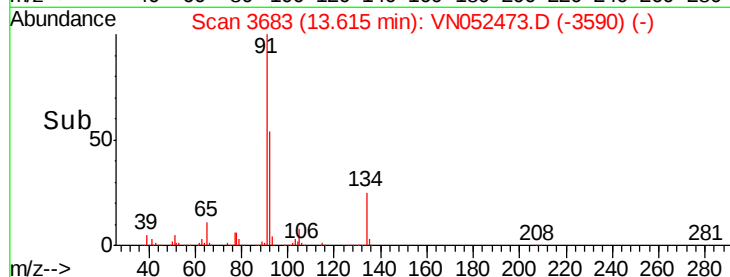
134 26.0 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VN052473.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN052473.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN052473.D (-3667) (-)



#90

Hexachloroethane

Concen: 49.811 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN052473.D

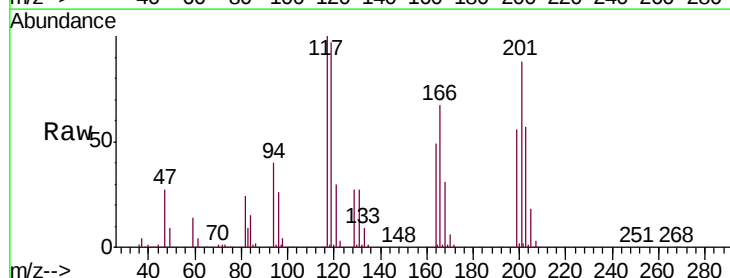
Acq: 27 Nov 2018 11:58

Tgt Ion: 117 Resp: 387760

Ion Ratio Lower Upper

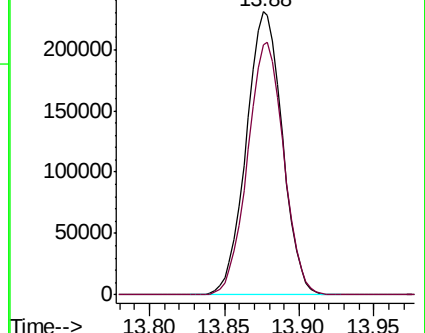
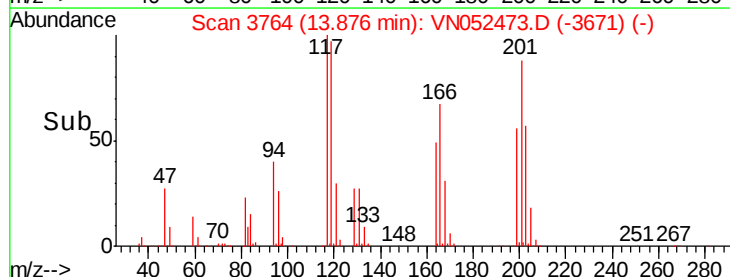
117 100

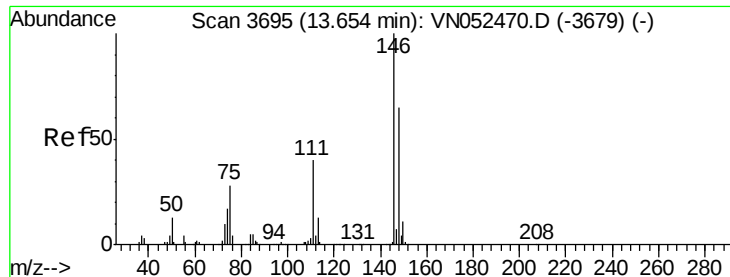
201 89.0 43.6 130.9



Abundance Ion 116.80 (116.50 to 117.50): VN052473.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052473.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 49.496 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

ICVVN112718

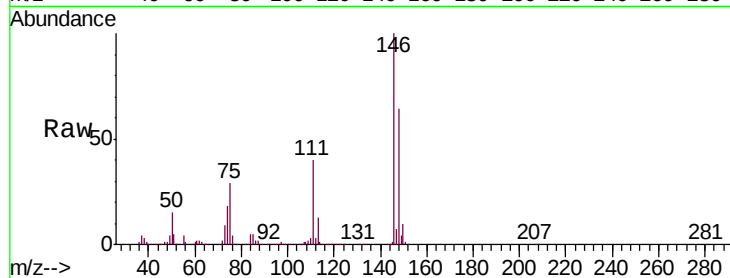
Tgt Ion:146 Resp: 1139610

Ion Ratio Lower Upper

146 100

111 39.8 20.0 60.0

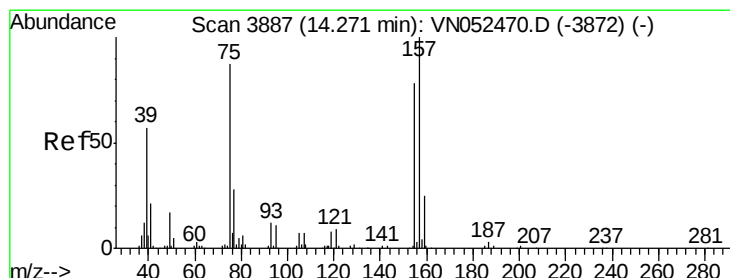
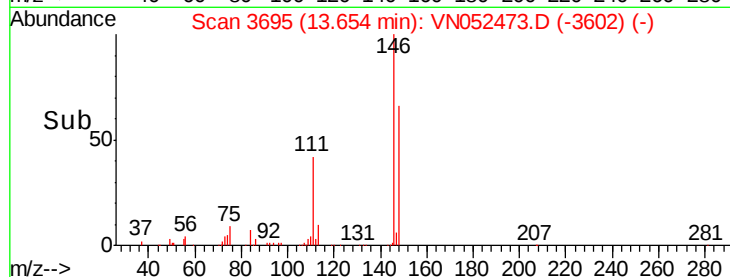
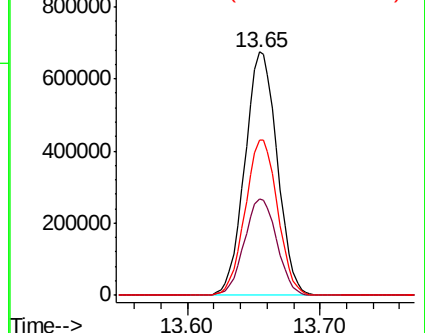
148 64.1 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.166 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. -0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

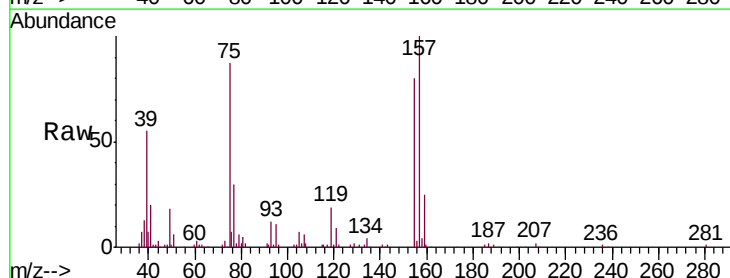
Tgt Ion: 75 Resp: 89159

Ion Ratio Lower Upper

75 100

155 92.3 45.3 135.9

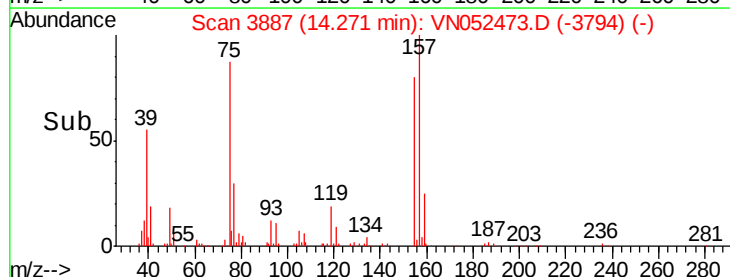
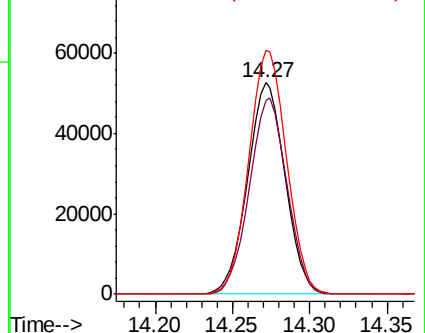
157 116.0 58.1 174.2



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

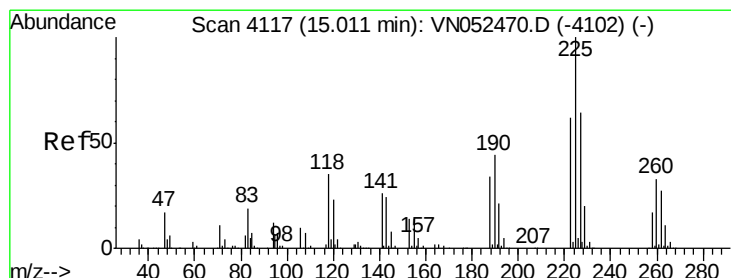
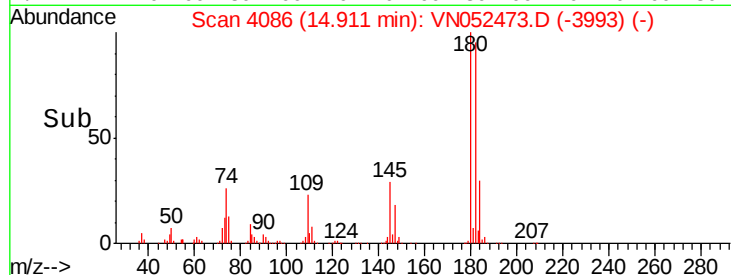
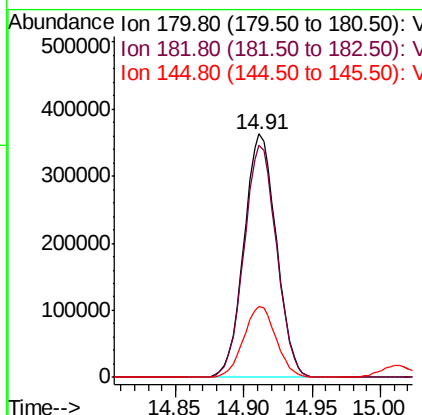
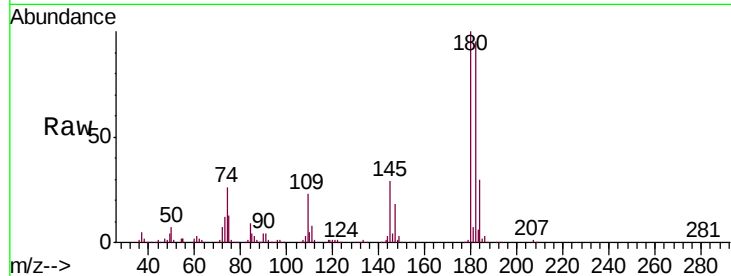




#93
 1,2,4-Trichlorobenzene
 Concen: 47.578 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052473.D
 Acq: 27 Nov 2018 11:58

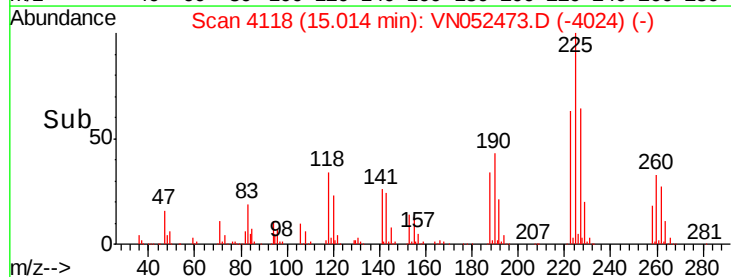
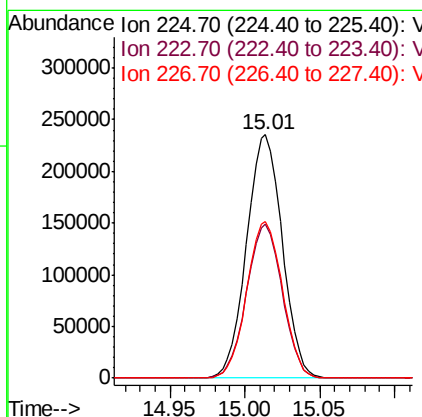
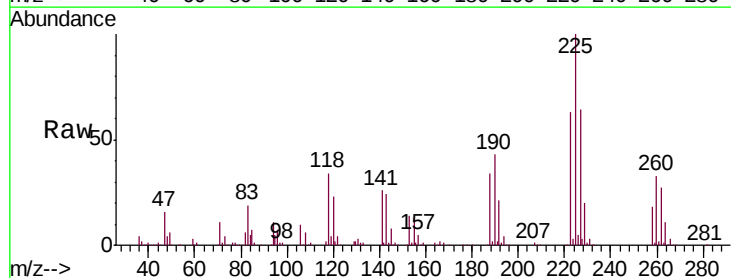
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN112718

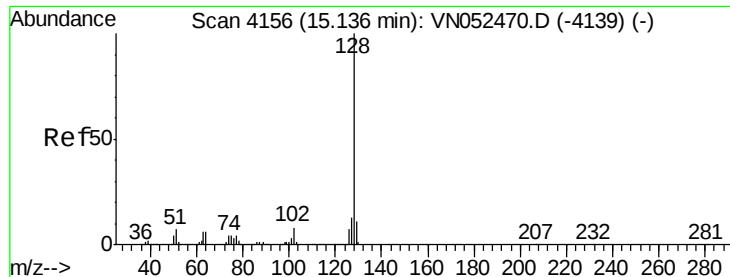
Tgt Ion	Resp	Lower	Upper
180	100		
182	95.7	47.8	143.4
145	29.2	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 52.849 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN052473.D
 Acq: 27 Nov 2018 11:58

Tgt Ion	Resp	Lower	Upper
225	100		
223	63.2	31.4	94.2
227	64.3	32.5	97.4





#95

Naphthalene

Concen: 45.009 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

ICVNN12718

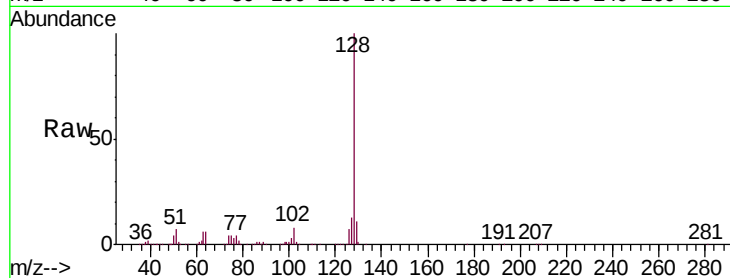
Tgt Ion:128 Resp: 1194075

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

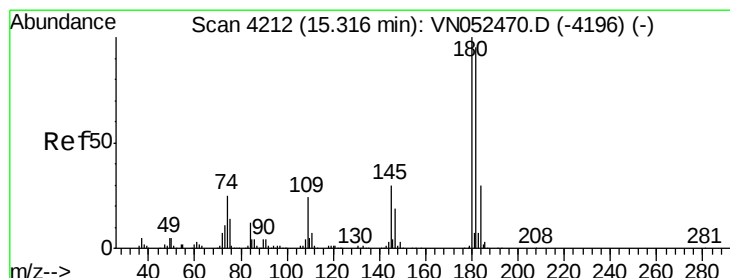
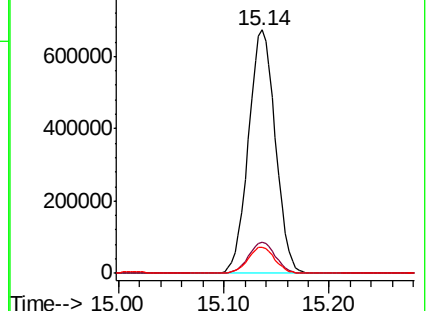
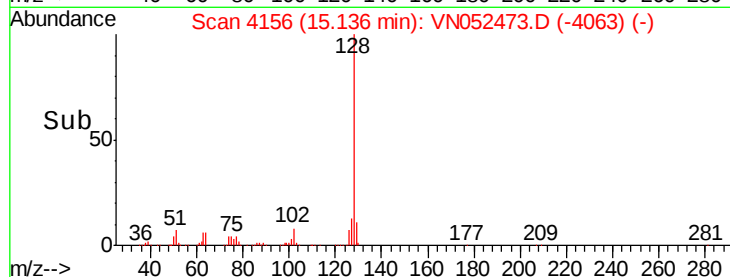
129 10.7 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 46.529 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052473.D

Acq: 27 Nov 2018 11:58

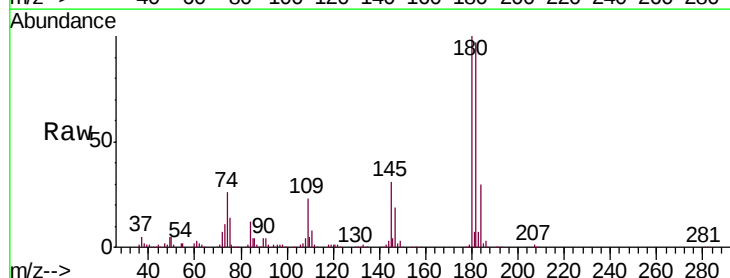
Tgt Ion:180 Resp: 537265

Ion Ratio Lower Upper

180 100

182 95.2 47.8 143.3

145 31.1 15.2 45.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

