

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022019\
 Data File : VN053874.D
 Acq On : 20 Feb 2019 10:17
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 21 03:11:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:05:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	720707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1017498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	873601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	439942	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	699630	94.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.98%	
35) Dibromofluoromethane	7.59	113	681790	102.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.20%	
50) Toluene-d8	10.09	98	2372472	98.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.74%	
62) 4-Bromofluorobenzene	12.40	95	797946	100.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	546339	87.253	ug/l	99
3) Chloromethane	2.06	50	660332	84.828	ug/l	98
4) Vinyl Chloride	2.18	62	747363	89.439	ug/l	99
5) Bromomethane	2.56	94	534887	87.409	ug/l	98
6) Chloroethane	2.70	64	481094	89.082	ug/l	99
7) Trichlorofluoromethane	3.02	101	1054887	88.900	ug/l	100
8) Diethyl Ether	3.41	74	408250	97.872	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	662784	92.681	ug/l	99
10) Methyl Iodide	3.95	142	1056418	99.618	ug/l	99
11) Tert butyl alcohol	4.78	59	248478	540.403	ug/l	99
12) 1,1-Dichloroethene	3.74	96	642341	96.042	ug/l	99
13) Acrolein	3.61	56	100572	306.023	ug/l	100
14) Allyl chloride	4.32	41	1026921	101.453	ug/l	99
15) Acrylonitrile	4.99	53	1220132	526.750	ug/l	100
16) Acetone	3.81	43	953389	470.655	ug/l	99
17) Carbon Disulfide	4.06	76	2001828	96.638	ug/l	100
18) Methyl Acetate	4.32	43	459359	99.159	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	1766214	104.086	ug/l	99
20) Methylene Chloride	4.55	84	718224	94.706	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	698292	99.480	ug/l	97
22) Diisopropyl ether	5.95	45	2030936	107.634	ug/l	99
23) Vinyl Acetate	5.89	43	7469904	557.854	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1242012	97.220	ug/l	100
25) 2-Butanone	6.83	43	1368187	523.432	ug/l	97
26) 2,2-Dichloropropane	6.82	77	941368	97.105	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	784344	99.744	ug/l	99
28) Bromochloromethane	7.19	49	551183	98.856	ug/l	97
29) Tetrahydrofuran	7.21	42	891390	527.309	ug/l	100
30) Chloroform	7.37	83	1224379	95.382	ug/l	99
31) Cyclohexane	7.65	56	1154693	86.662	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1048109	95.430	ug/l	100
36) 1,1-Dichloropropene	7.79	75	963321	103.288	ug/l	98
37) Ethyl Acetate	6.93	43	595820	115.758	ug/l	99
38) Carbon Tetrachloride	7.77	117	947523	95.051	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1102073	102.548	ug/l	99
40) Benzene	8.04	78	2854171	103.517	ug/l	100
41) Methacrylonitrile	7.17	41	314984	95.859	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	831239	101.128	ug/l	100
43) Isopropyl Acetate	8.16	43	1029332	103.469	ug/l #	89
44) Trichloroethene	8.83	130	737076	95.496	ug/l	99
45) 1,2-Dichloropropane	9.12	63	678452	96.382	ug/l	99
46) Dibromomethane	9.21	93	412308	97.278	ug/l	99
47) Bromodichloromethane	9.40	83	862184	96.427	ug/l	100
48) Methyl methacrylate	9.20	41	460853	100.750	ug/l	96
49) 1,4-Dioxane	9.20	88	140385	2225.386	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2521198	545.178	ug/l	99
52) Toluene	10.16	92	1616982	98.963	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	915382	105.430	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1058324	103.417	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	582242	97.479	ug/l	99
56) Ethyl methacrylate	10.43	69	755909	112.411	ug/l	99
57) 1,3-Dichloropropane	10.71	76	988285	98.268	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1726844	586.163	ug/l	99
59) 2-Hexanone	10.75	43	1666866	534.057	ug/l	99
60) Dibromochloromethane	10.90	129	692019	99.258	ug/l	100
61) 1,2-Dibromoethane	11.00	107	584440	98.489	ug/l	99
64) Tetrachloroethene	10.63	164	730065	93.457	ug/l	99
65) Chlorobenzene	11.43	112	1793529	98.084	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	665376	99.715	ug/l	100
67) Ethyl Benzene	11.51	91	3006983	101.611	ug/l	100
68) m/p-Xylenes	11.62	106	2360274	205.986	ug/l	99
69) o-Xylene	11.95	106	1141652	103.493	ug/l	99
70) Styrene	11.96	104	1866193	107.807	ug/l	100
71) Bromoform	12.13	173	498768	105.328	ug/l #	100
73) Isopropylbenzene	12.25	105	2926508	94.424	ug/l	100
74) N-amyl acetate	12.07	43	756924	106.350	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	686143	93.640	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	879398	153.016	ug/l #	100
77) Bromobenzene	12.53	156	797909	95.971	ug/l	99
78) n-propylbenzene	12.59	91	3417627	98.609	ug/l	99
79) 2-Chlorotoluene	12.67	91	1999426	95.677	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2547278	99.015	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	206512	105.562	ug/l	98
82) 4-Chlorotoluene	12.77	91	2044775	98.216	ug/l	100
83) tert-Butylbenzene	12.99	119	2215264	95.897	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	2607067	101.040	ug/l	100
85) sec-Butylbenzene	13.17	105	2999560	96.440	ug/l	100
86) p-Isopropyltoluene	13.29	119	2713574	100.526	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1419891	97.868	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1410273	96.608	ug/l	100
89) n-Butylbenzene	13.62	91	2341418	105.479	ug/l	99
90) Hexachloroethane	13.87	117	474377	91.989	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	1389551	97.623	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	109045	101.983	ug/l	99

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VSTDICC100

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Quant Title : SW846 8260
QLast Update : Thu Feb 21 03:05:18 2019
Response via : Initial Calibration

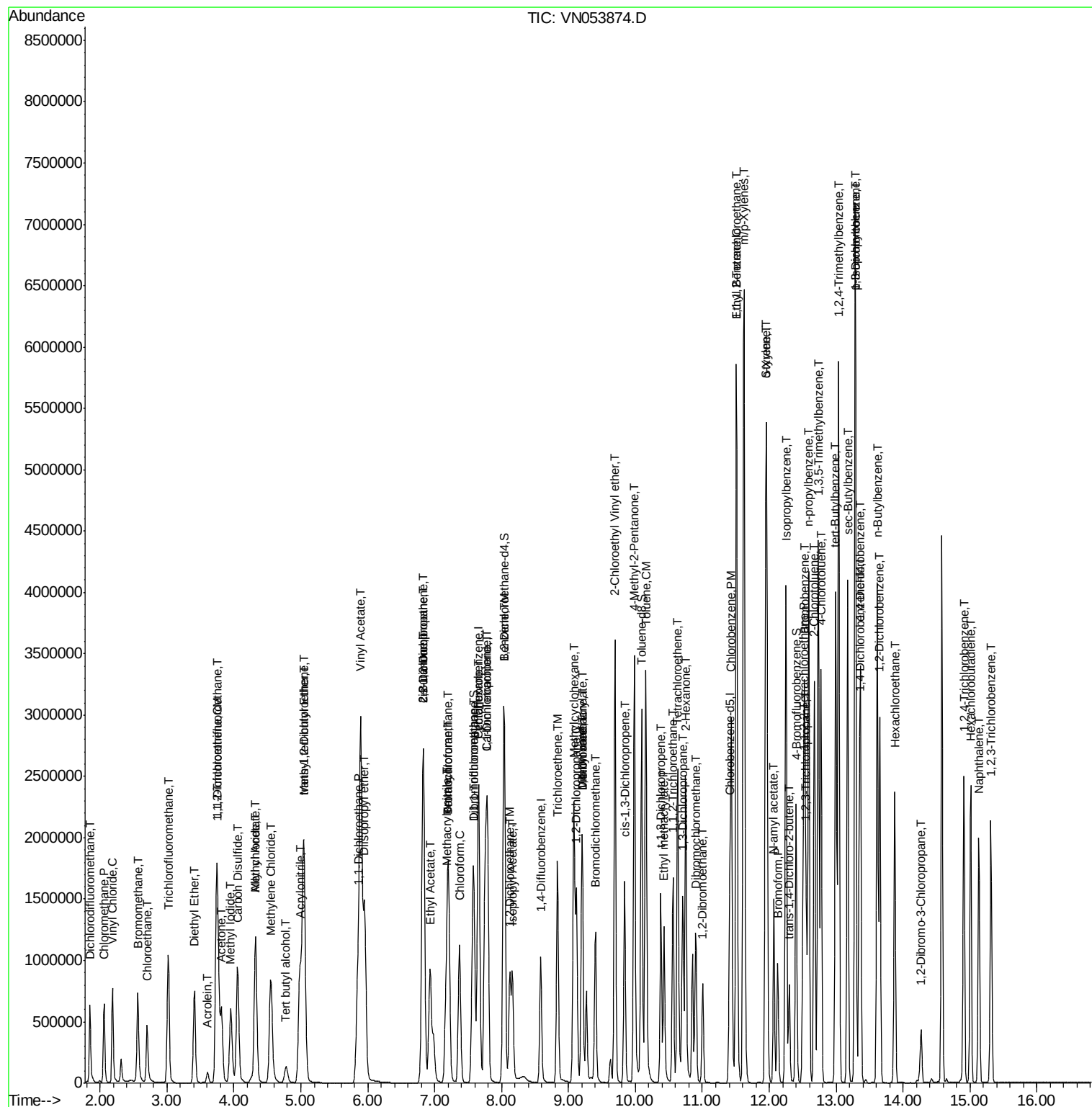
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	891568	122.064	ug/l	98
94) Hexachlorobutadiene	15.01	225	539201	90.835	ug/l	99
95) Naphthalene	15.13	128	1785546	130.891	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	832474	117.454	ug/l	99

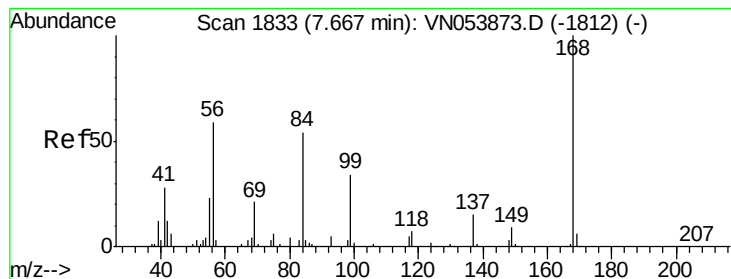
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN022019\
 Data File : VN053874.D
 Acq On : 20 Feb 2019 10:17
 Operator : JC/SP
 Sample : VSTDICC100
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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Feb 21 03:11:13 2019
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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

MSVOA_N

ClientSampleId :

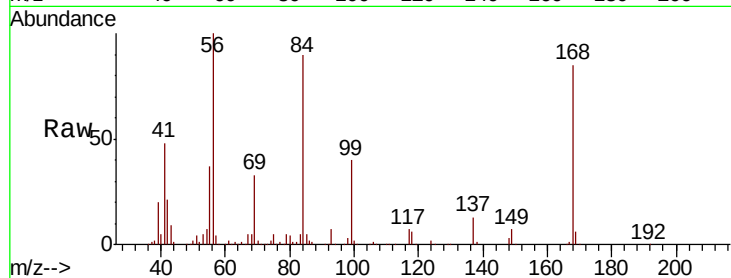
VSTDIC100

Tgt Ion:168 Resp: 720707

Ion Ratio Lower Upper

168 100

99 46.8 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

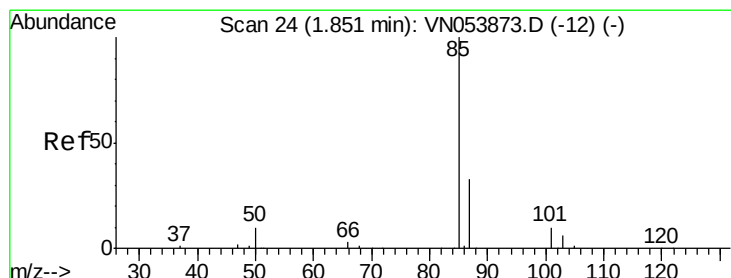
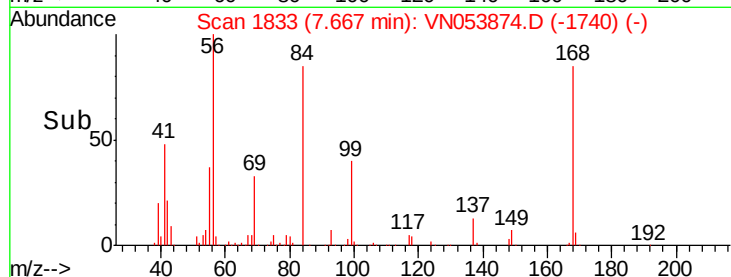
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 87.253 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN053874.D

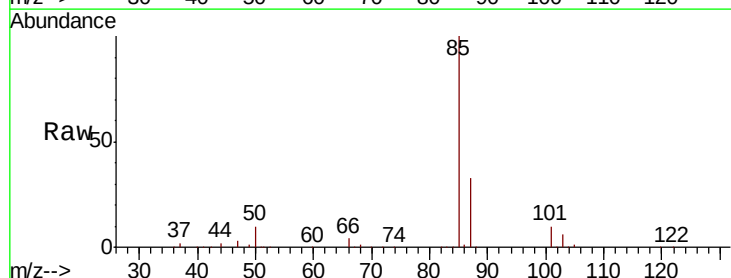
Acq: 20 Feb 2019 10:17

Tgt Ion: 85 Resp: 546339

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

400000

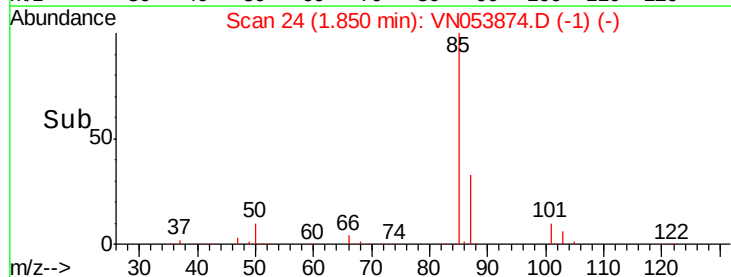
300000

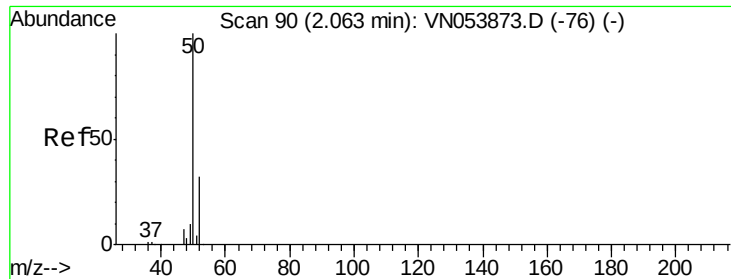
200000

100000

0

Time-->





#3

Chloromethane

Concen: 84.828 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

MSVOA_N

ClientSampleId :

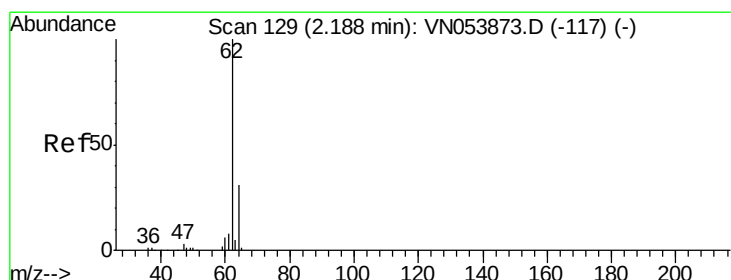
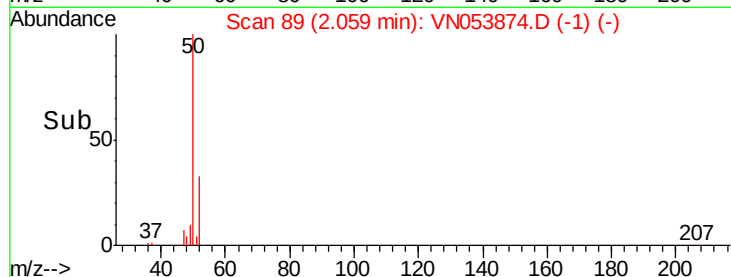
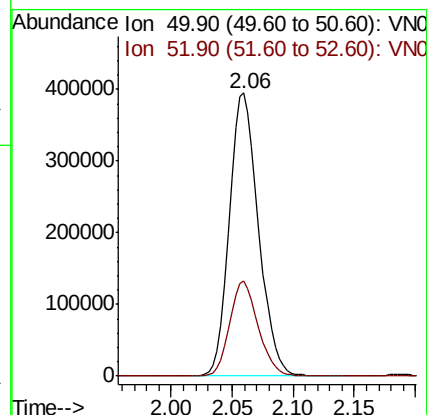
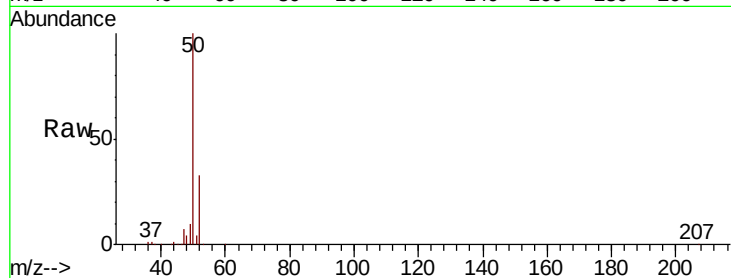
VSTDIC100

Tgt Ion: 50 Resp: 660332

Ion Ratio Lower Upper

50 100

52 33.5 26.0 39.0



#4

Vinyl Chloride

Concen: 89.439 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN053874.D

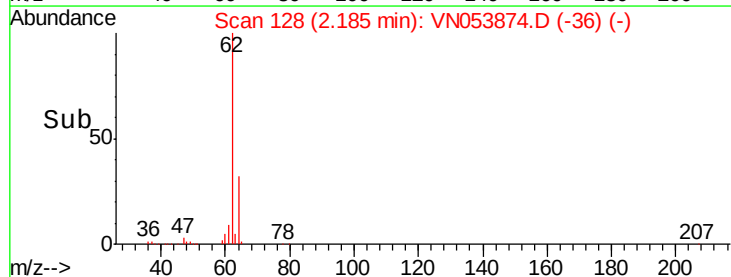
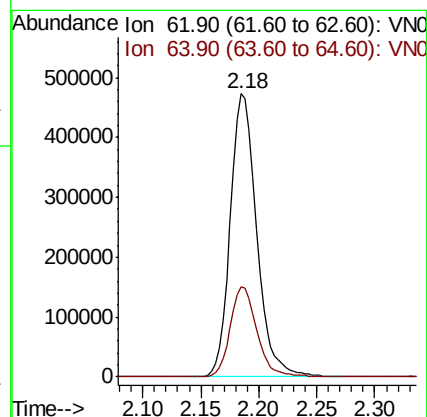
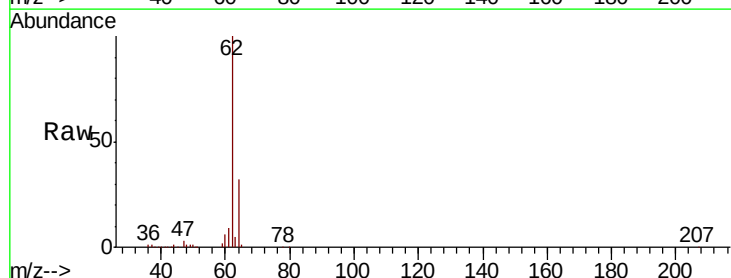
Acq: 20 Feb 2019 10:17

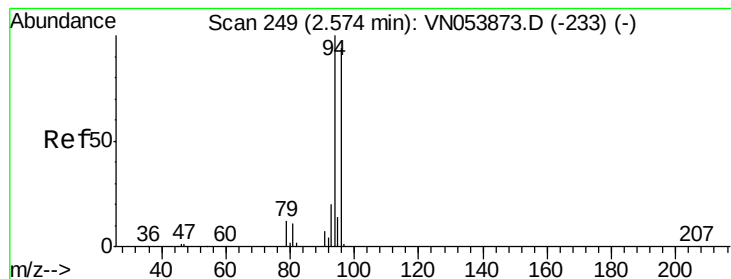
Tgt Ion: 62 Resp: 747363

Ion Ratio Lower Upper

62 100

64 32.0 25.1 37.7





#5

Bromomethane

Concen: 87.409 ug/l

RT: 2.56 min Scan# 246

Delta R.T. -0.01 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

MSVOA_N

ClientSampleId :

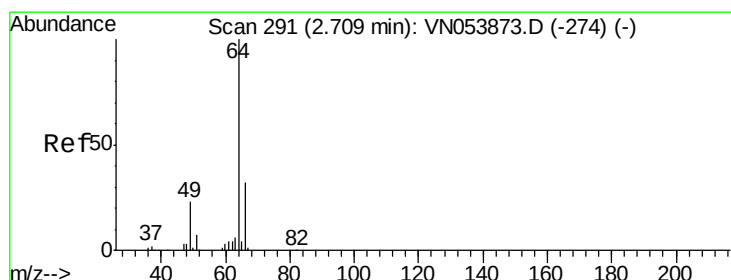
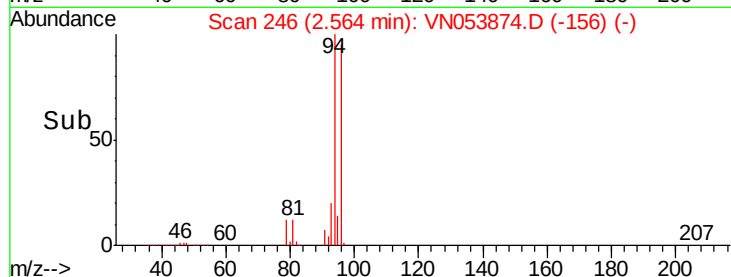
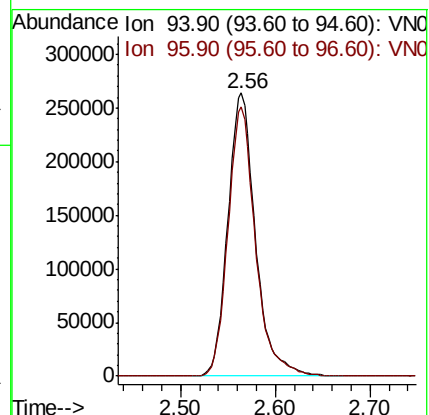
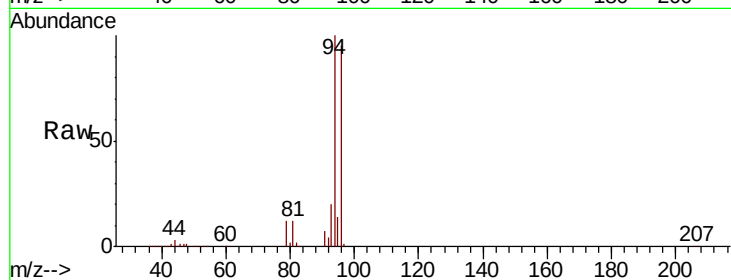
VSTDIC100

Tgt Ion: 94 Resp: 534887

Ion Ratio Lower Upper

94 100

96 95.1 74.9 112.3



#6

Chloroethane

Concen: 89.082 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.01 min

Lab File: VN053874.D

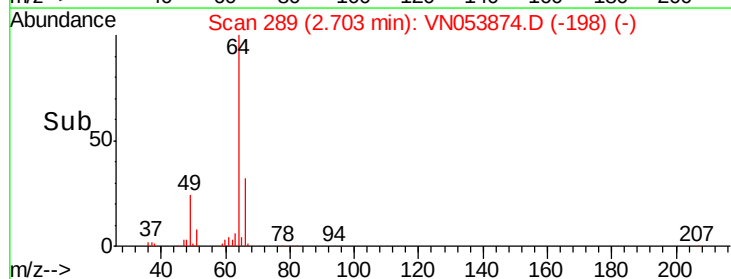
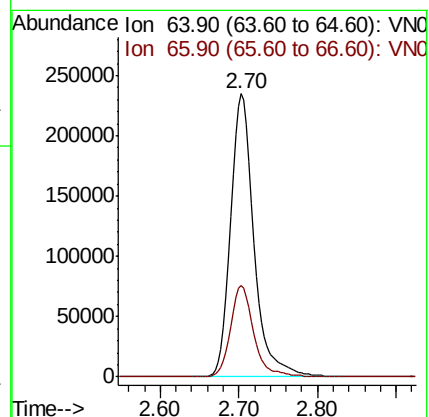
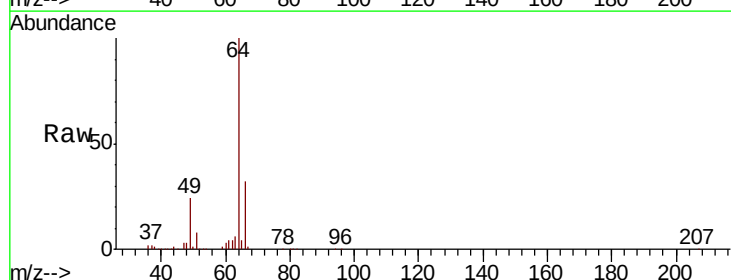
Acq: 20 Feb 2019 10:17

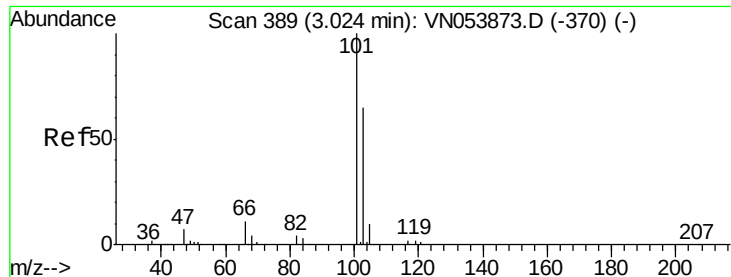
Tgt Ion: 64 Resp: 481094

Ion Ratio Lower Upper

64 100

66 32.5 25.5 38.3



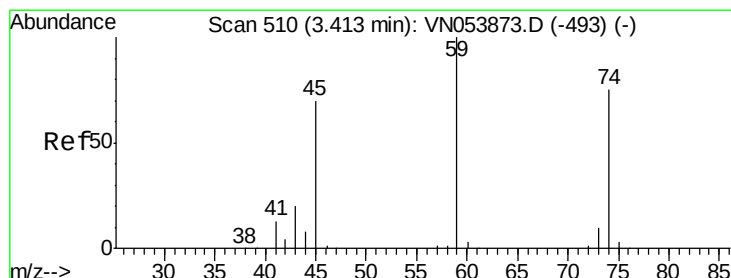
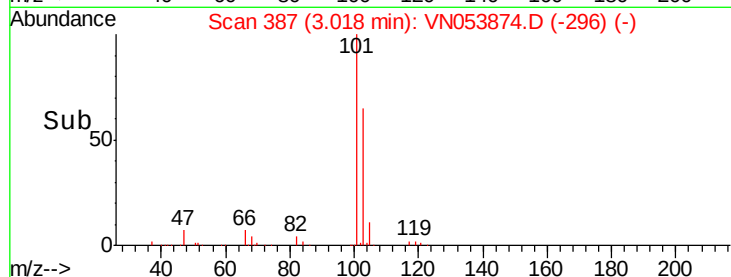
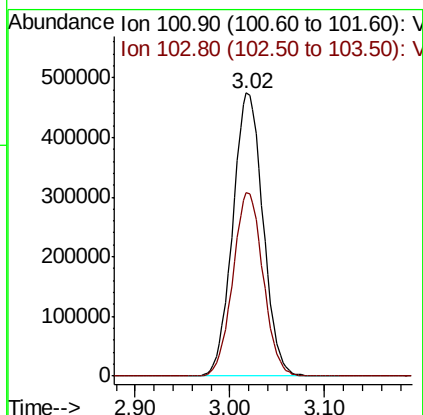
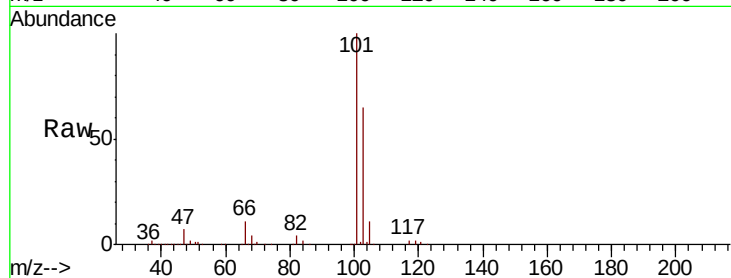


#7

Trichlorofluoromethane
 Concen: 88.900 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

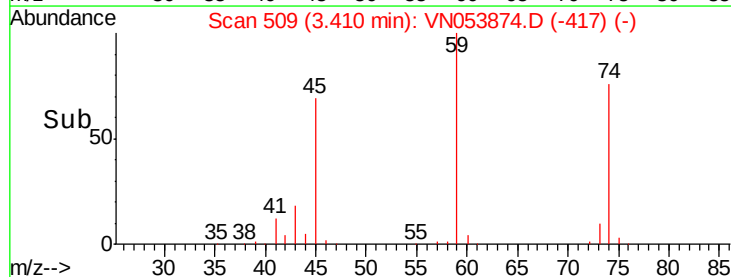
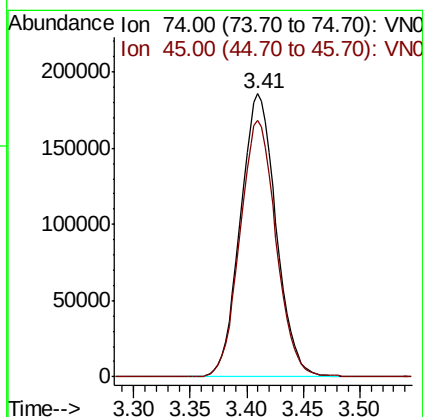
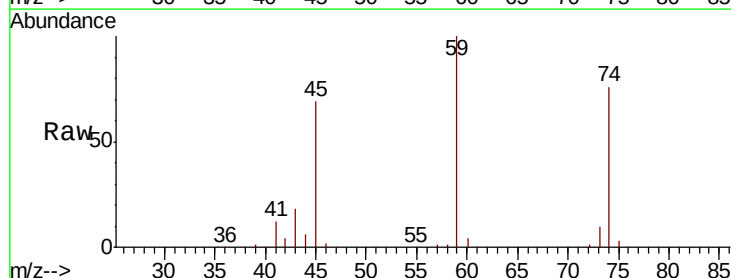
Tgt Ion:101 Resp: 1054887
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.9 77.9

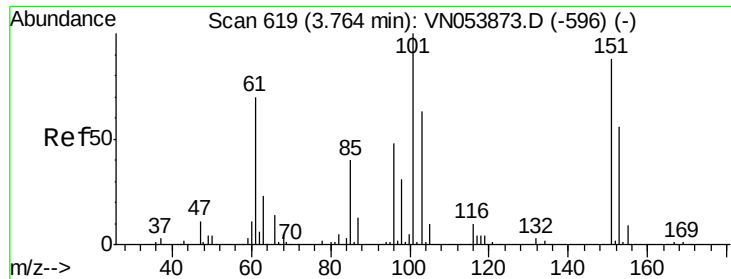


#8

Diethyl Ether
 Concen: 97.872 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

Tgt Ion: 74 Resp: 408250
 Ion Ratio Lower Upper
 74 100
 45 91.2 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 92.681 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

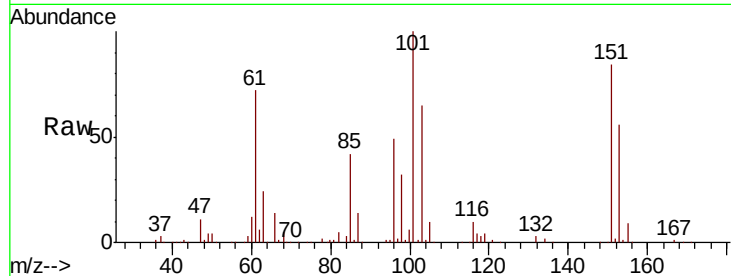
Tgt Ion:101 Resp: 662784

Ion Ratio Lower Upper

101 100

85 41.1 32.5 48.7

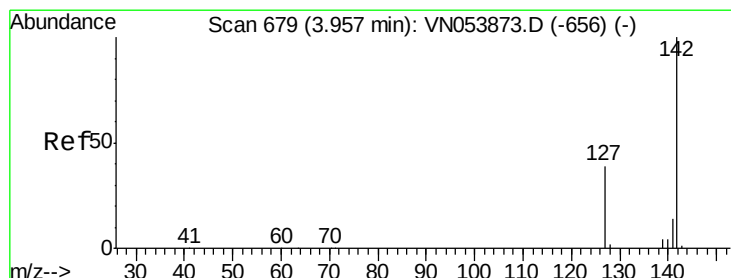
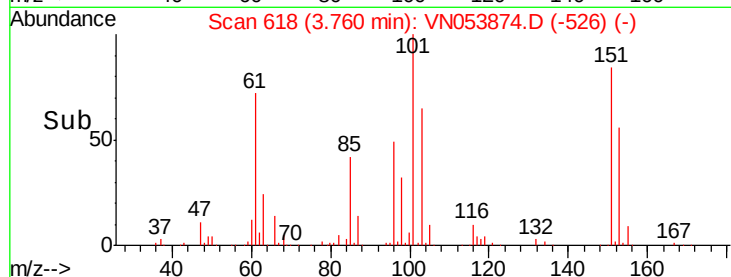
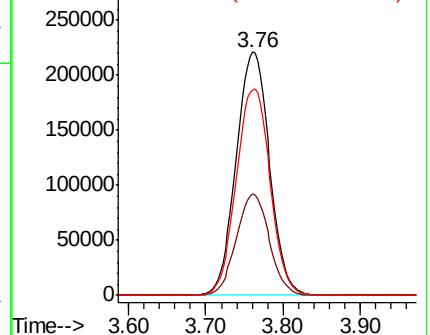
151 86.1 70.2 105.2



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: 99.618 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

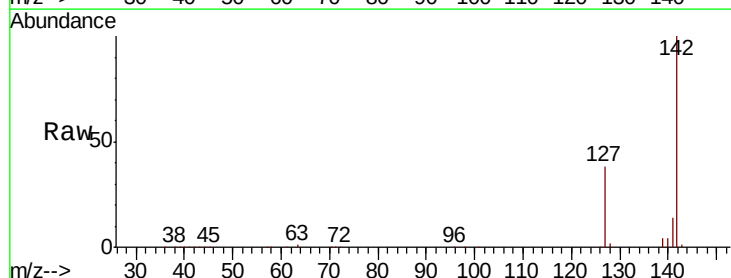
Tgt Ion:142 Resp: 1056418

Ion Ratio Lower Upper

142 100

127 38.2 31.0 46.4

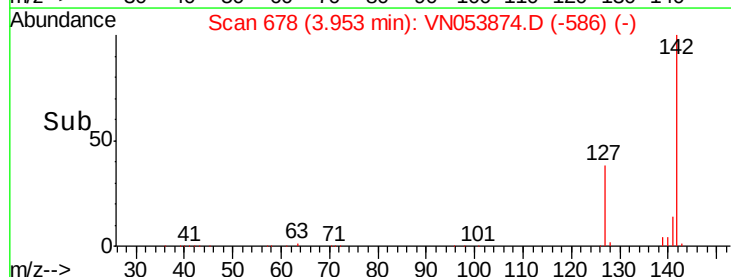
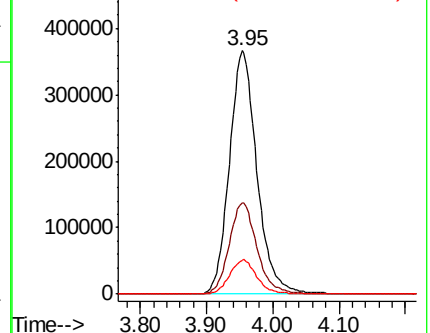
141 14.0 11.3 16.9

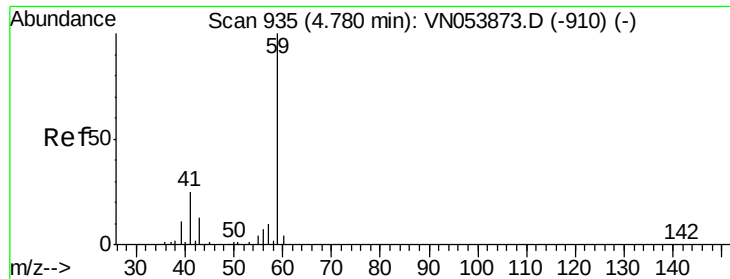


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

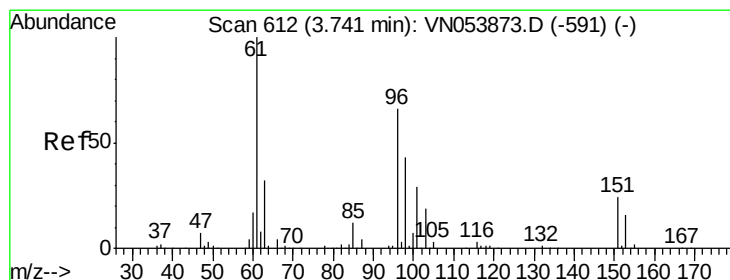
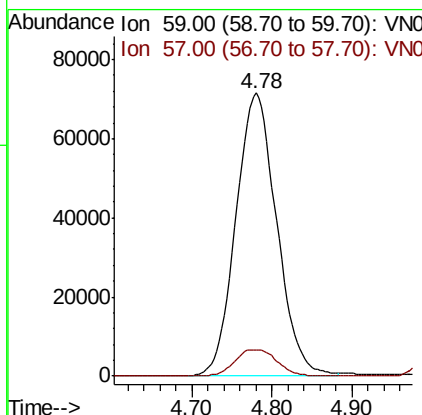
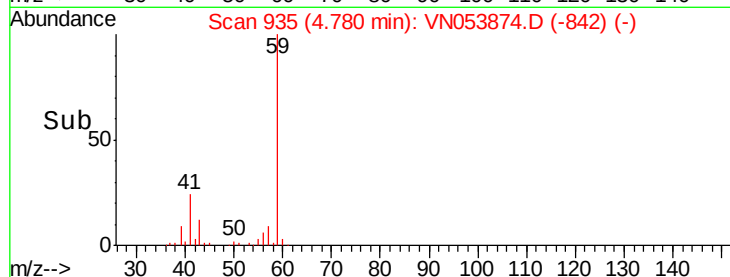
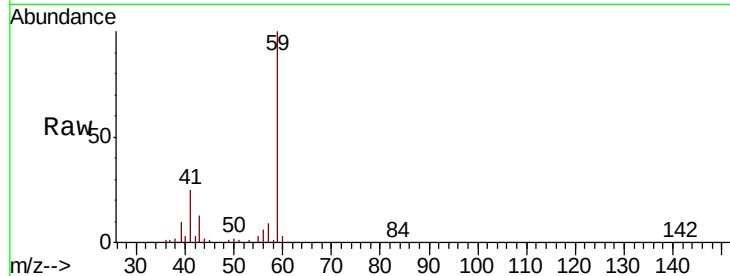




#11
Tert butyl alcohol
Concen: 540.403 ug/l
RT: 4.78 min Scan# 935
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

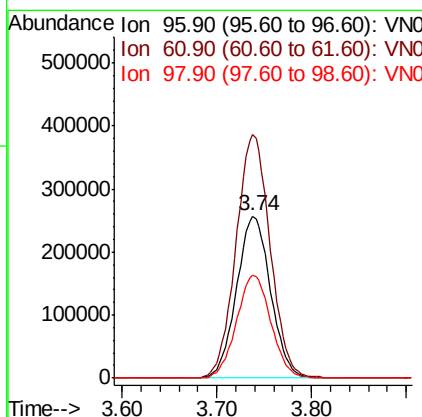
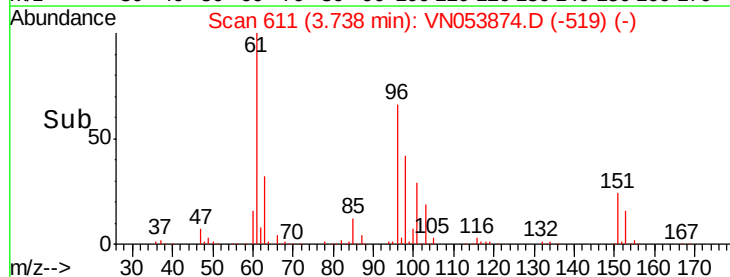
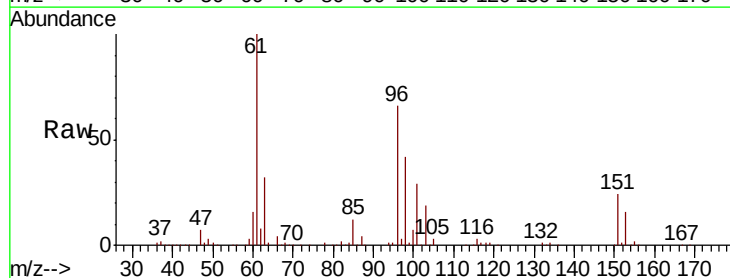
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

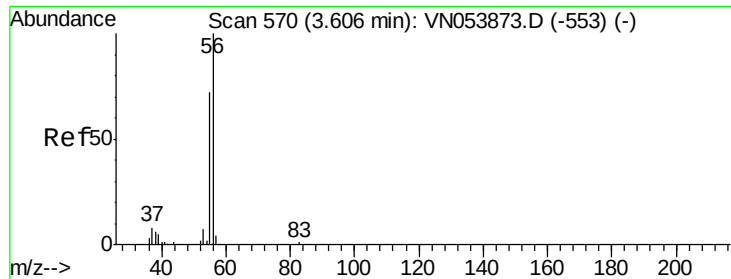
Tgt Ion: 59 Resp: 248478
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1



#12
1,1-Dichloroethene
Concen: 96.042 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

Tgt Ion: 96 Resp: 642341
Ion Ratio Lower Upper
96 100
61 150.4 121.0 181.4
98 63.5 52.2 78.2





#13

Acrolein

Concen: 306.023 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

MSVOA_N

ClientSampleId :

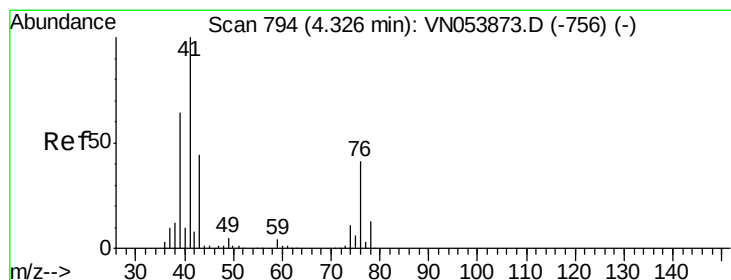
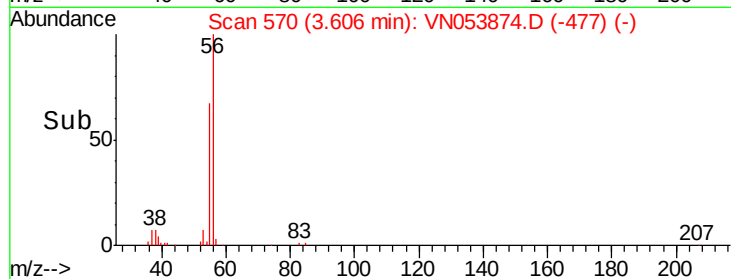
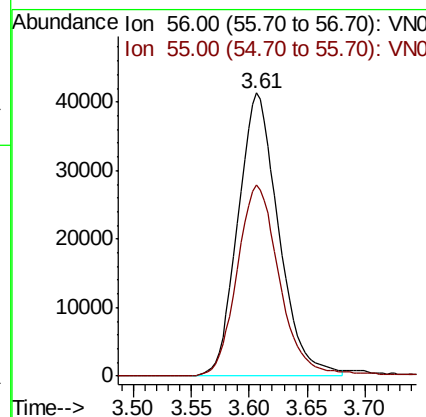
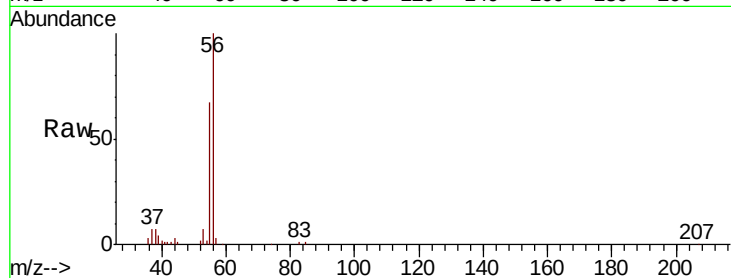
VSTDIC100

Tgt Ion: 56 Resp: 100572

Ion Ratio Lower Upper

56 100

55 70.1 56.3 84.5



#14

Allyl chloride

Concen: 101.453 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

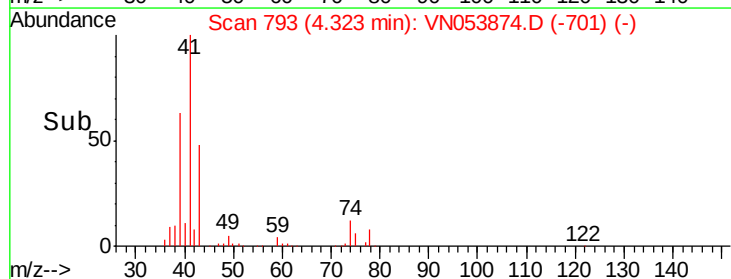
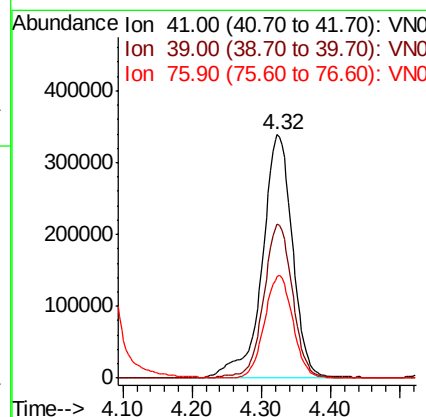
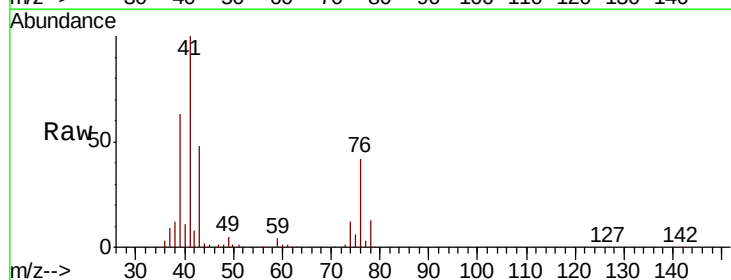
Tgt Ion: 41 Resp: 1026921

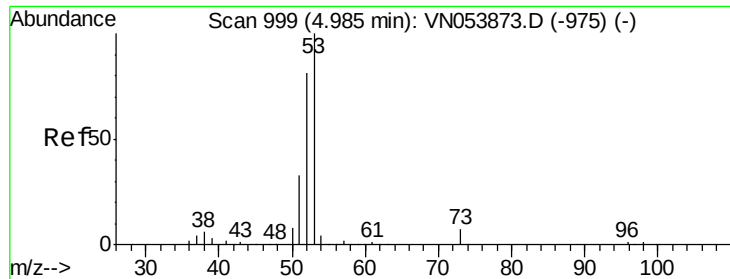
Ion Ratio Lower Upper

41 100

39 60.4 48.8 73.2

76 39.0 30.9 46.3





#15

Acrylonitrile

Concen: 526.750 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

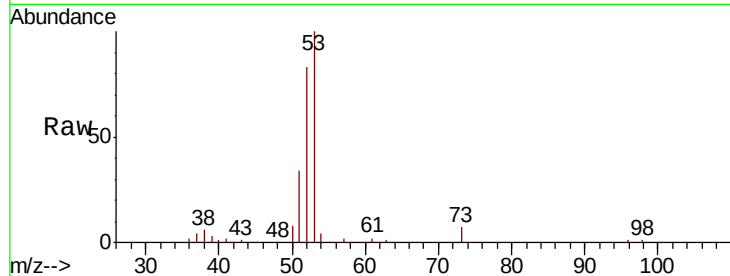
Tgt Ion: 53 Resp: 1220132

Ion Ratio Lower Upper

53 100

52 81.2 65.1 97.7

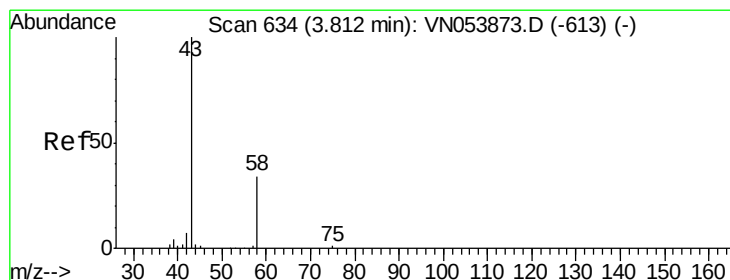
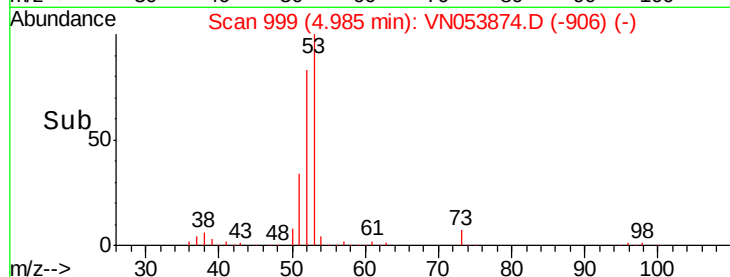
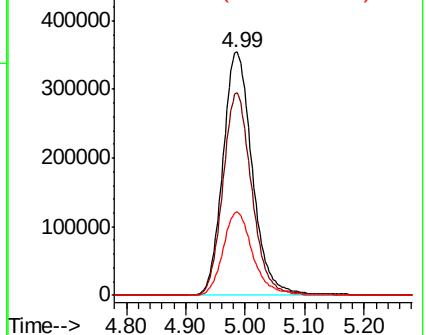
51 34.8 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 470.655 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN053874.D

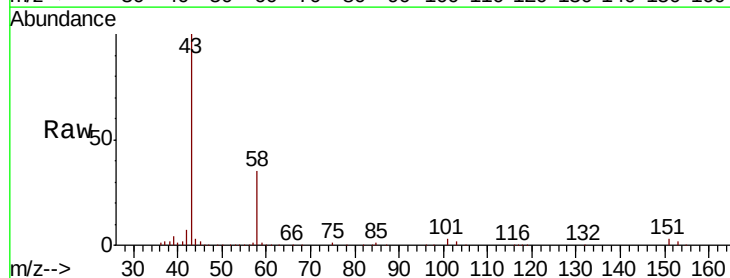
Acq: 20 Feb 2019 10:17

Tgt Ion: 43 Resp: 953389

Ion Ratio Lower Upper

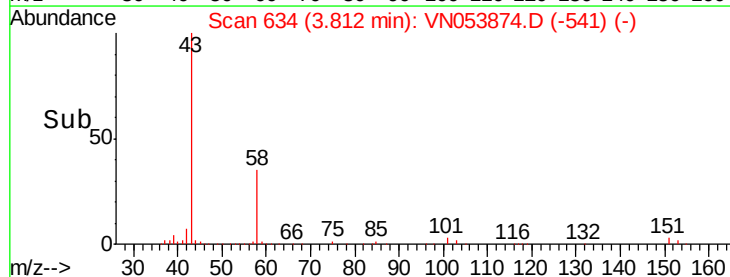
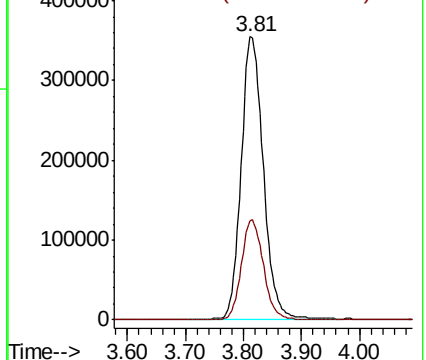
43 100

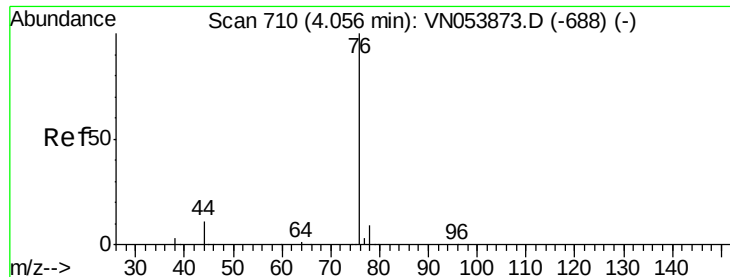
58 35.1 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 96.638 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

MSVOA_N

ClientSampleId :

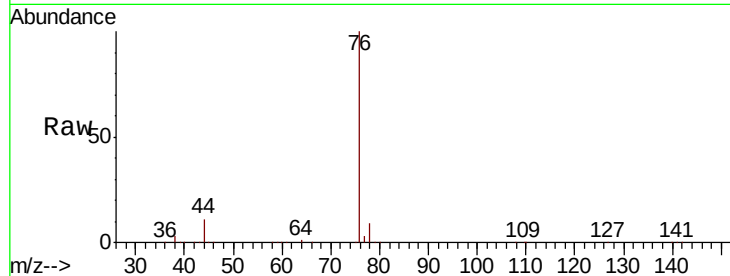
VSTDIC100

Tgt Ion: 76 Resp: 2001828

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN053873.D (-688) (-)

Ion 77.90 (77.60 to 78.60): VN053873.D (-688) (-)

4.06

800000

600000

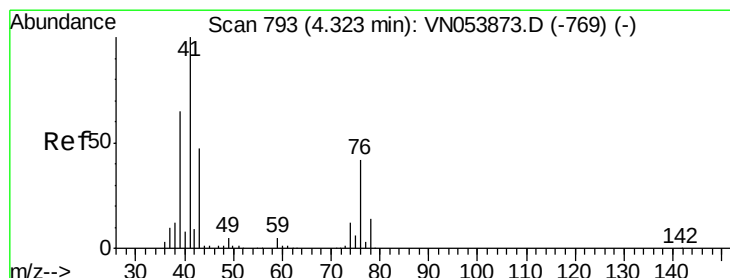
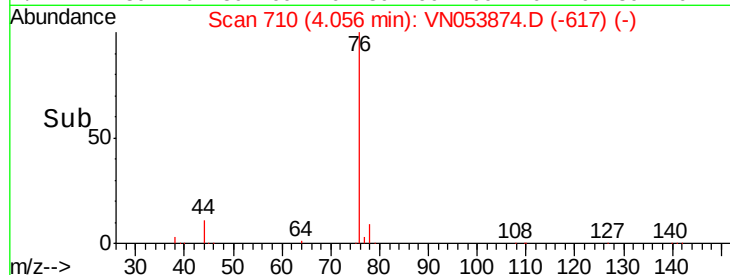
400000

200000

0

3.90 4.00 4.10 4.20

Time-->



#18

Methyl Acetate

Concen: 99.159 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN053874.D

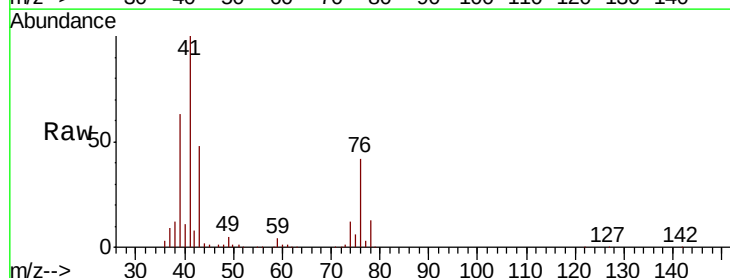
Acq: 20 Feb 2019 10:17

Tgt Ion: 43 Resp: 459359

Ion Ratio Lower Upper

43 100

74 25.8 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VN053873.D (-769) (-)

Ion 74.00 (73.70 to 74.70): VN053873.D (-769) (-)

4.32

150000

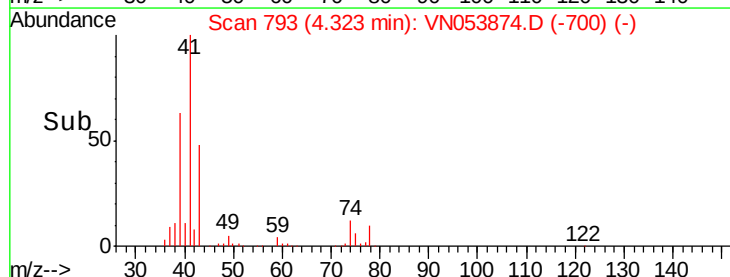
100000

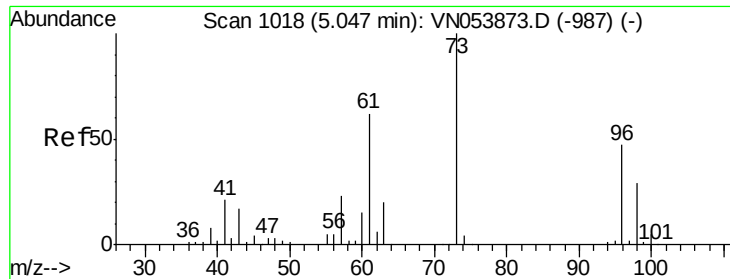
50000

0

4.20 4.30 4.40

Time-->

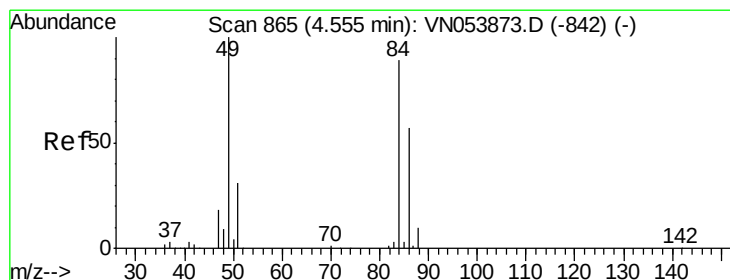
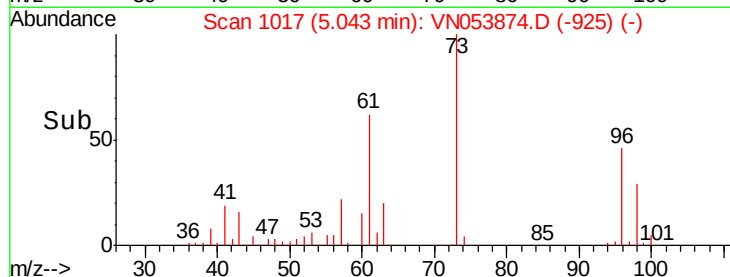
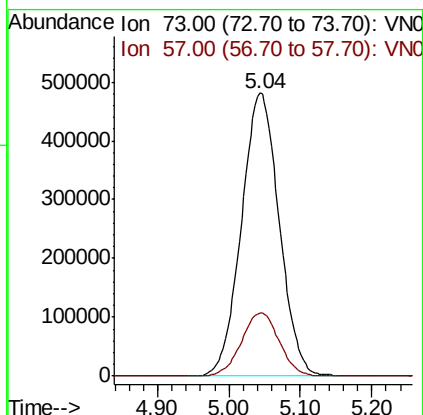
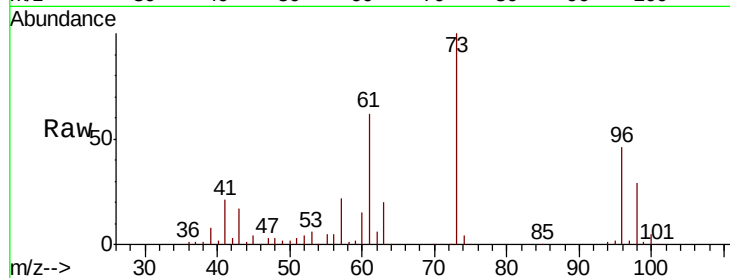




#19
Methyl tert-butyl Ether
Concen: 104.086 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

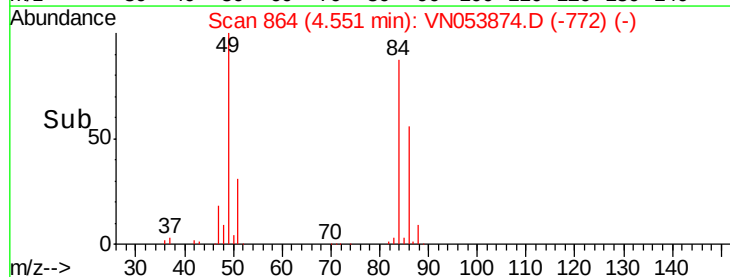
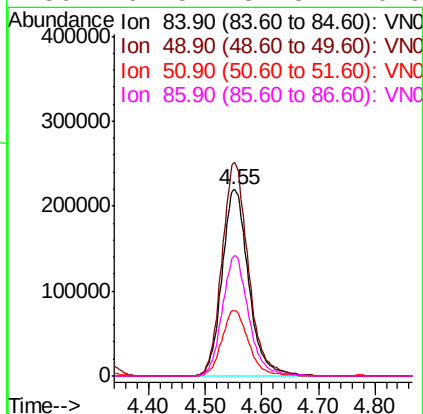
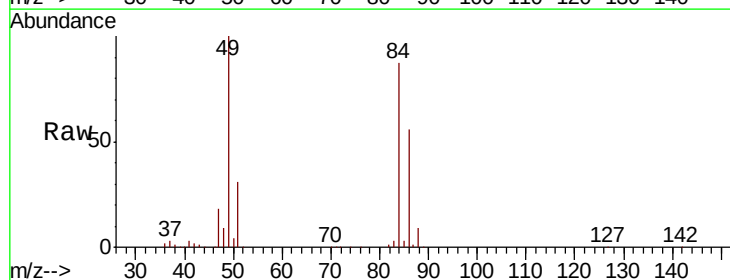
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

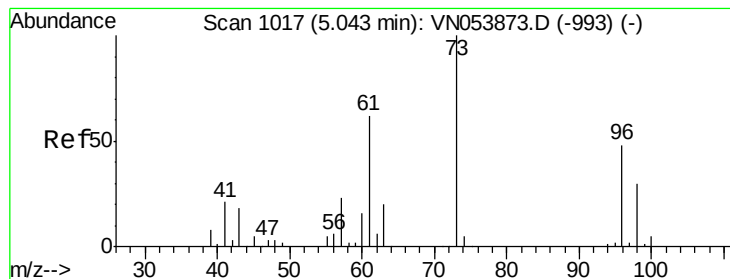
Tgt Ion: 73 Resp: 1766214
Ion Ratio Lower Upper
73 100
57 22.2 18.0 27.0



#20
Methylene Chloride
Concen: 94.706 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

Tgt Ion: 84 Resp: 718224
Ion Ratio Lower Upper
84 100
49 114.6 89.7 134.5
51 35.1 27.8 41.8
86 64.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 99.480 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

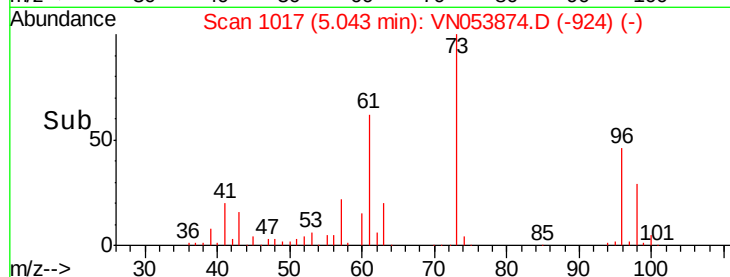
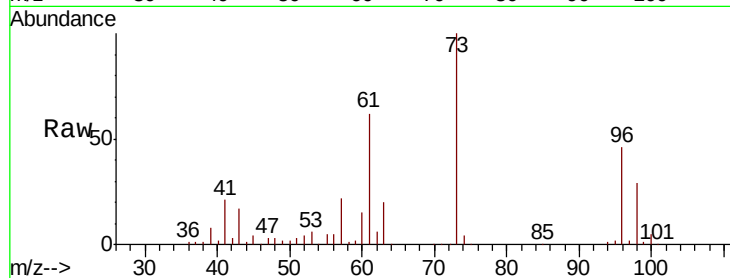
Tgt Ion: 96 Resp: 698292

Ion Ratio Lower Upper

96 100

61 135.0 104.5 156.7

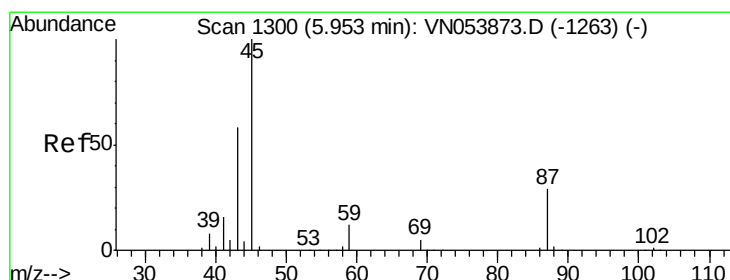
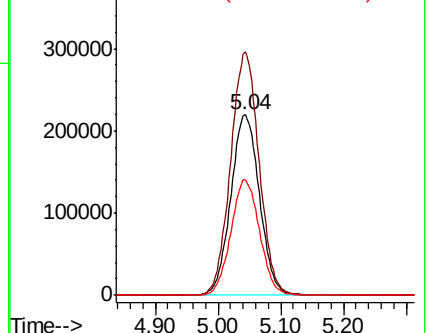
98 64.3 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 107.634 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Tgt Ion: 45 Resp: 2030936

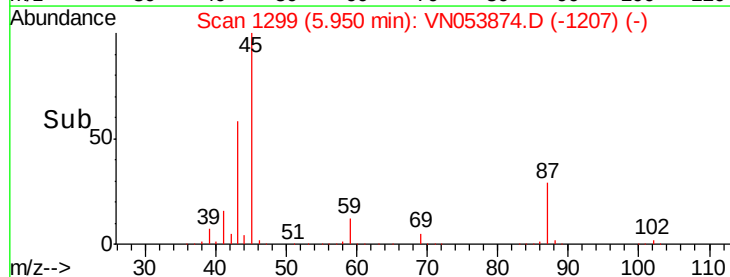
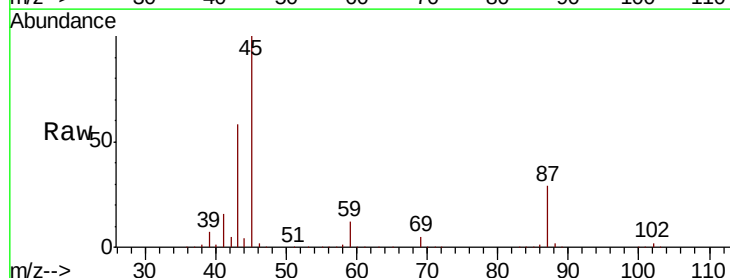
Ion Ratio Lower Upper

45 100

43 57.3 46.2 69.4

87 28.8 23.4 35.0

59 11.5 9.4 14.0

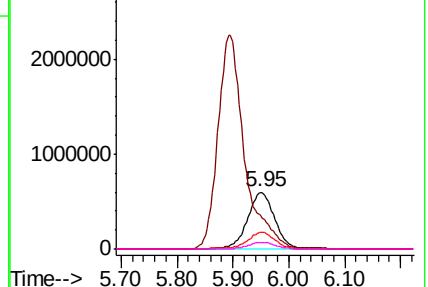


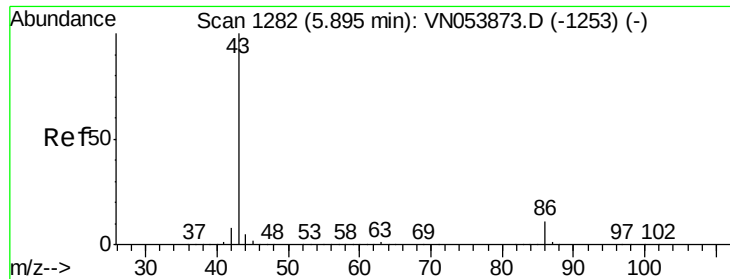
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

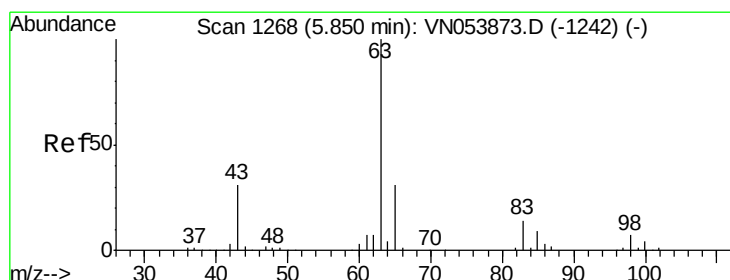
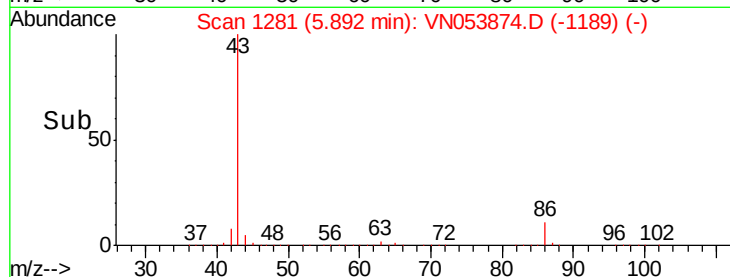
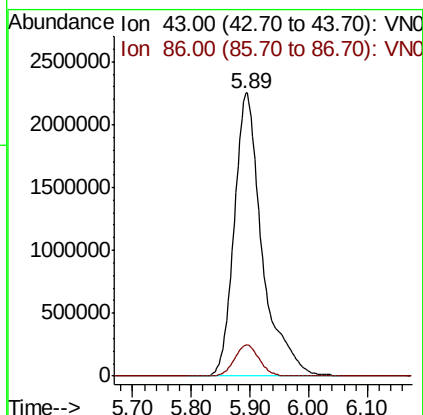
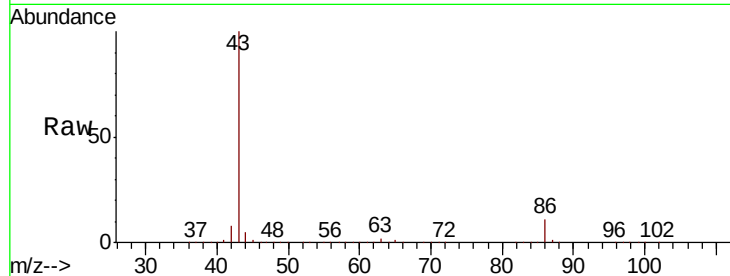




#23
 Vinyl Acetate
 Concen: 557.854 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

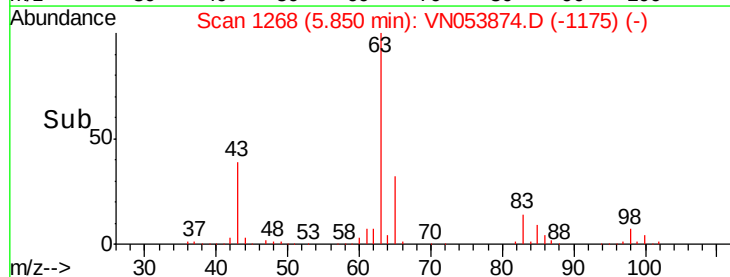
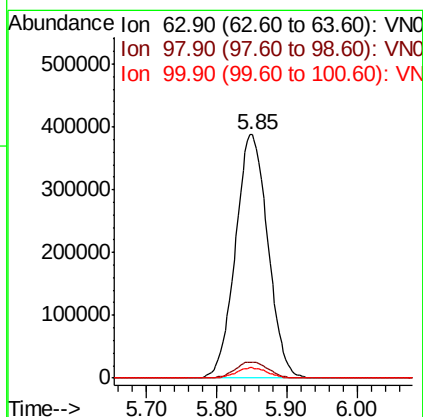
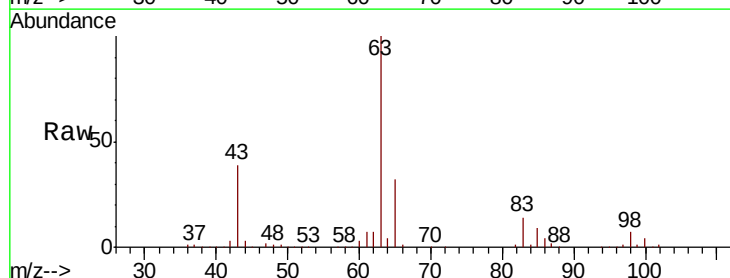
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

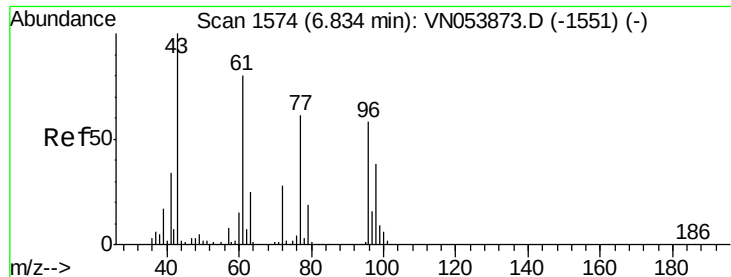
Tgt Ion: 43 Resp: 7469904
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 97.220 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

Tgt Ion: 63 Resp: 1242012
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 4.2 2.2 6.6





#25

2-Butanone

Concen: 523.432 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

MSVOA_N

ClientSampleId :

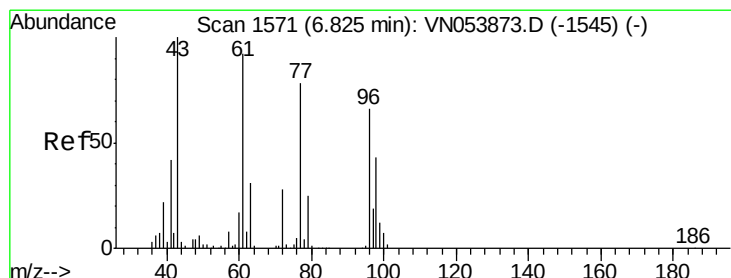
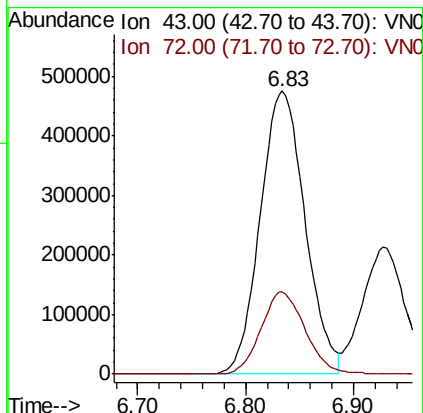
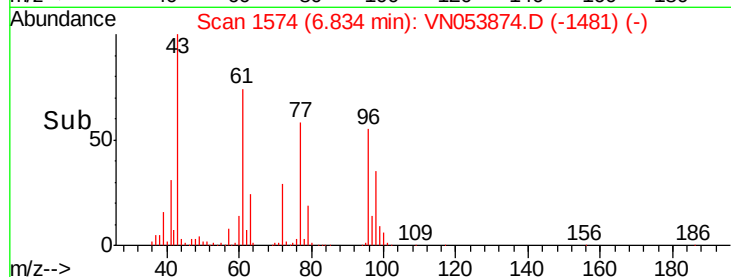
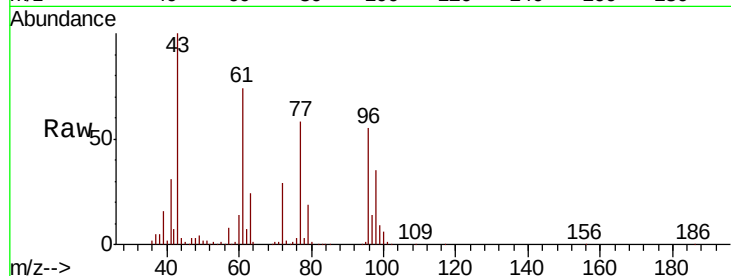
VSTDIC100

Tgt Ion: 43 Resp: 1368187

Ion Ratio Lower Upper

43 100

72 29.2 22.1 33.1



#26

2,2-Dichloropropane

Concen: 97.105 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN053874.D

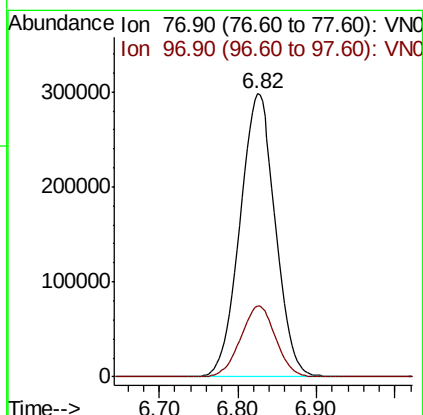
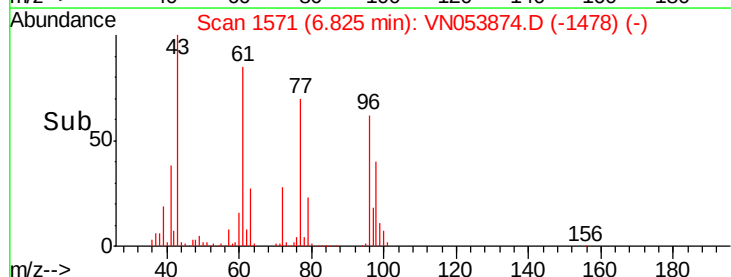
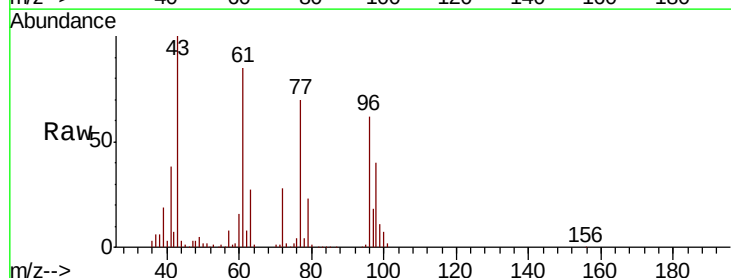
Acq: 20 Feb 2019 10:17

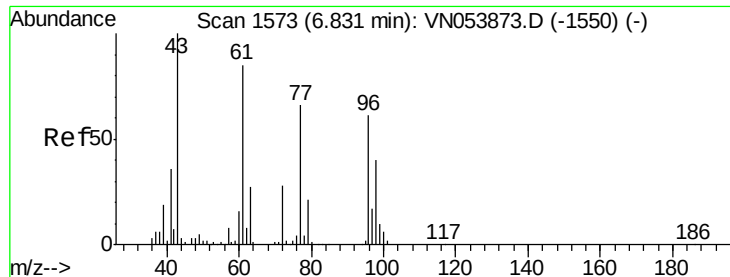
Tgt Ion: 77 Resp: 941368

Ion Ratio Lower Upper

77 100

97 24.9 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 99.744 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

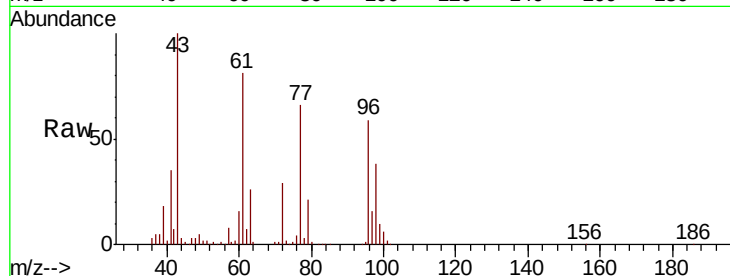
Tgt Ion: 96 Resp: 784344

Ion Ratio Lower Upper

96 100

61 136.9 0.0 275.6

98 64.7 0.0 130.0

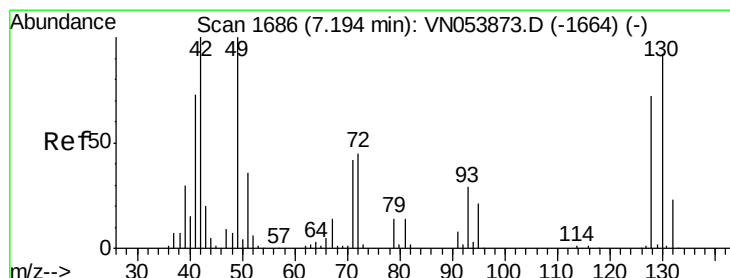
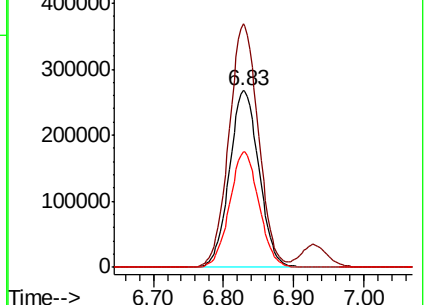
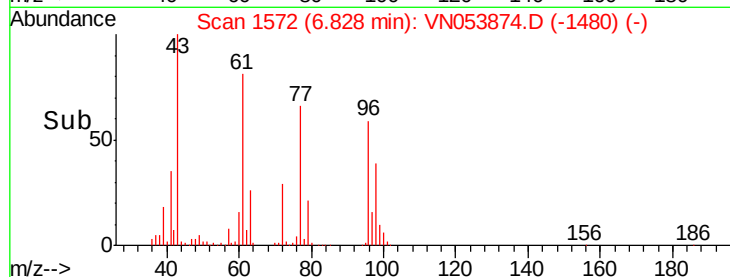


Abundance Ion 95.90 (95.60 to 96.60): VN053873.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN053873.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN053873.D (-1550) (-)

Time-->



#28

Bromochloromethane

Concen: 98.856 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

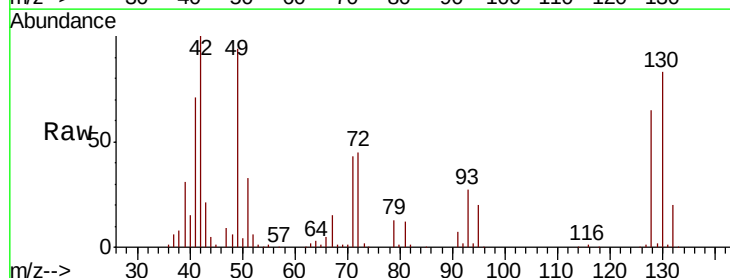
Tgt Ion: 49 Resp: 551183

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 88.4 72.9 109.3

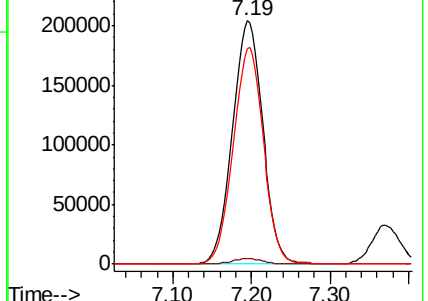
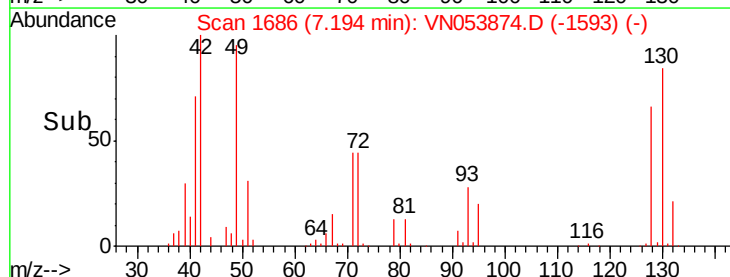


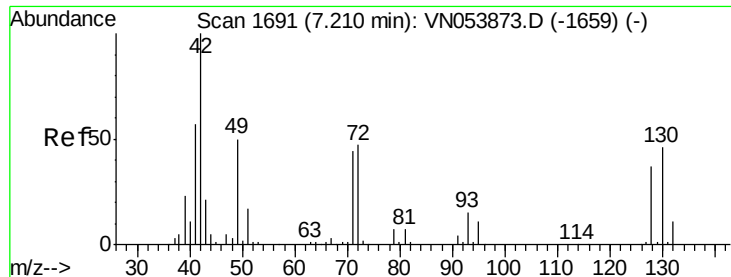
Abundance Ion 48.90 (48.60 to 49.60): VN053873.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN053873.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN053873.D (-1664) (-)

Time-->

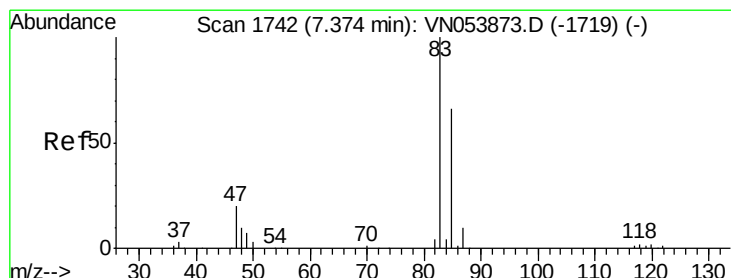
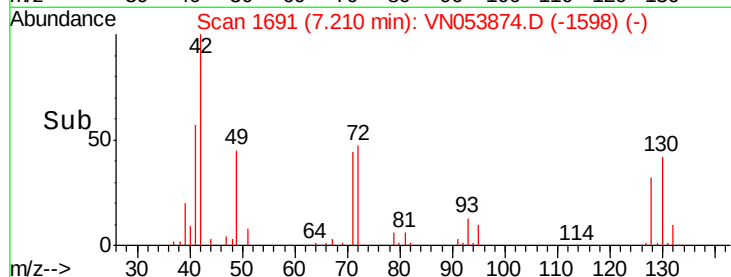
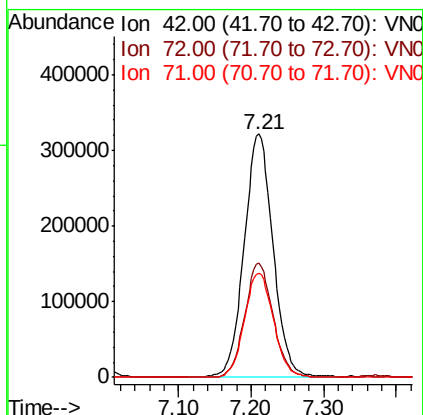
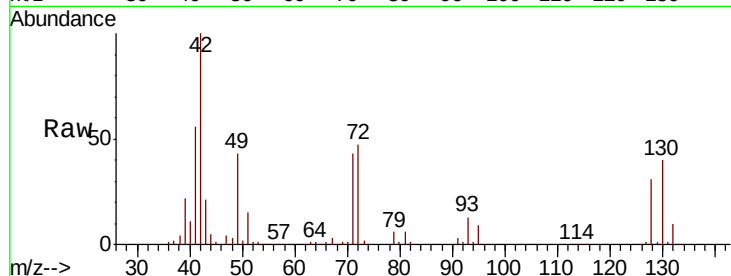




#29
Tetrahydrofuran
Concen: 527.309 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

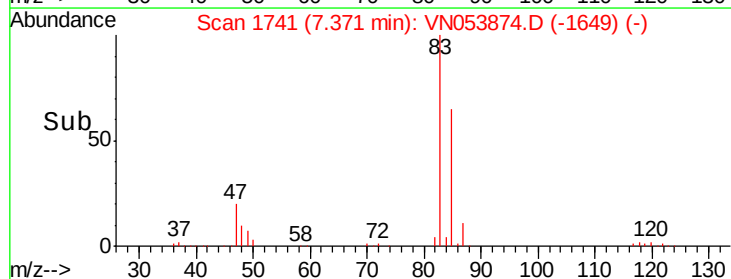
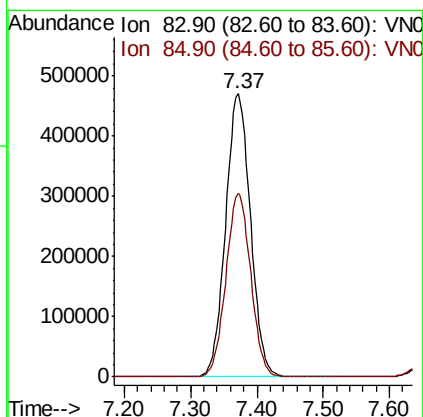
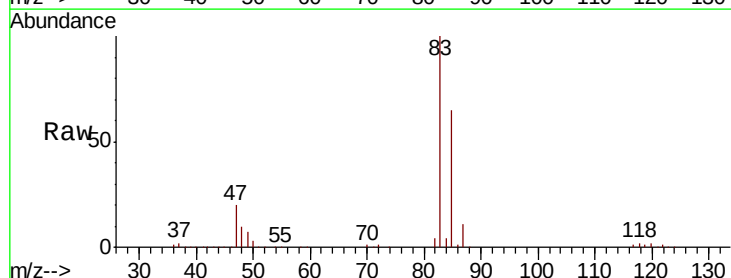
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

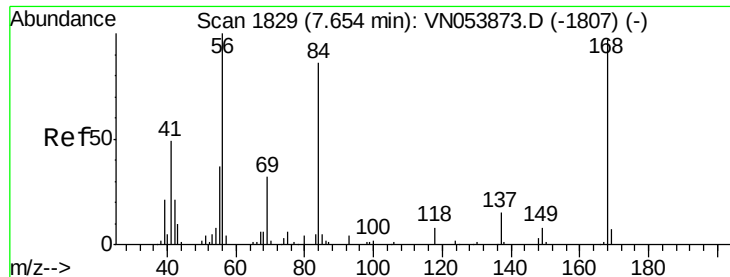
Tgt Ion: 42 Resp: 891390
Ion Ratio Lower Upper
42 100
72 46.2 36.9 55.3
71 43.1 34.6 52.0



#30
Chloroform
Concen: 95.382 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

Tgt Ion: 83 Resp: 1224379
Ion Ratio Lower Upper
83 100
85 65.0 52.6 78.8

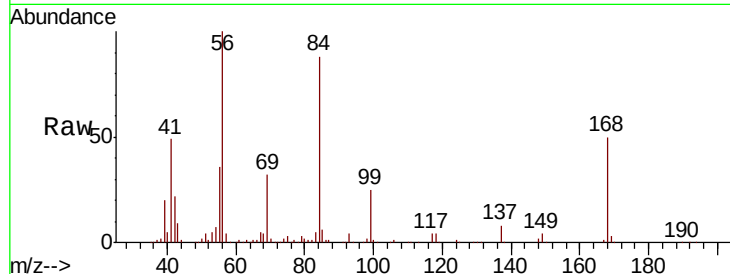




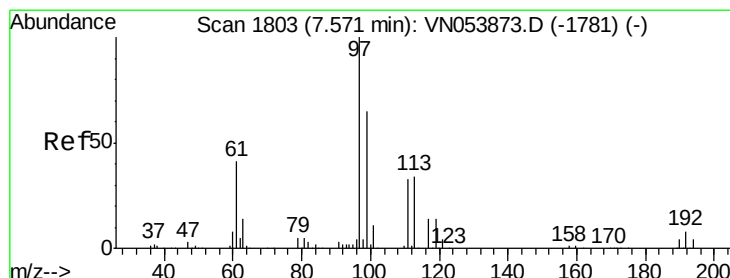
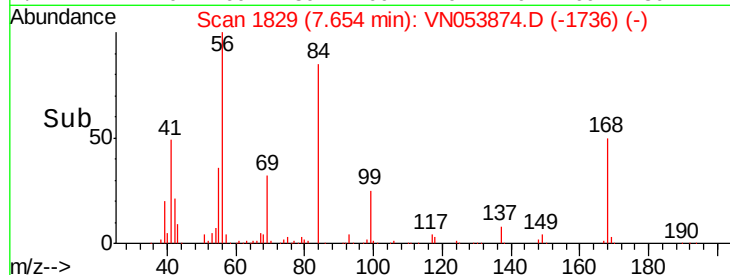
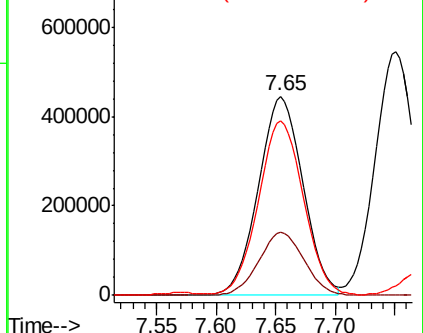
#31
Cyclohexane
Concen: 86.662 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 56 Resp: 1154693
Ion Ratio Lower Upper
56 100
69 31.6 26.0 39.0
84 86.5 69.1 103.7

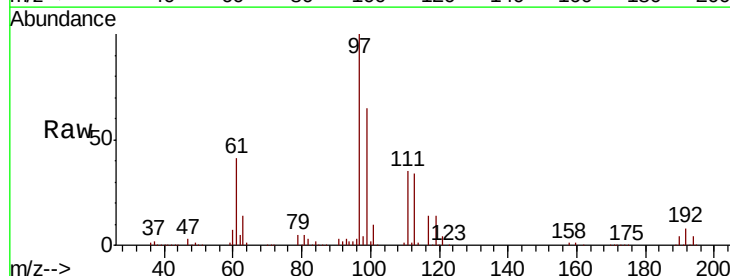


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

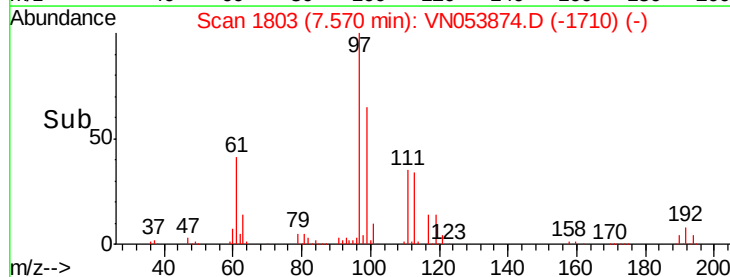
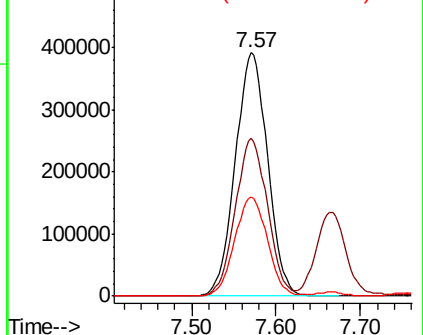


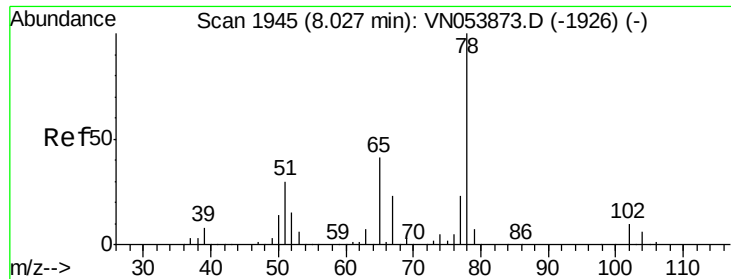
#32
1,1,1-Trichloroethane
Concen: 95.430 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

Tgt Ion: 97 Resp: 1048109
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.8
61 41.3 33.2 49.8



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

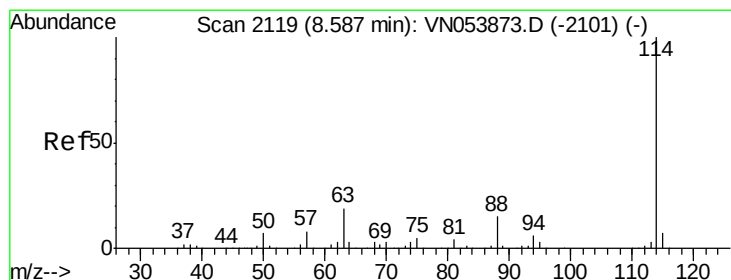
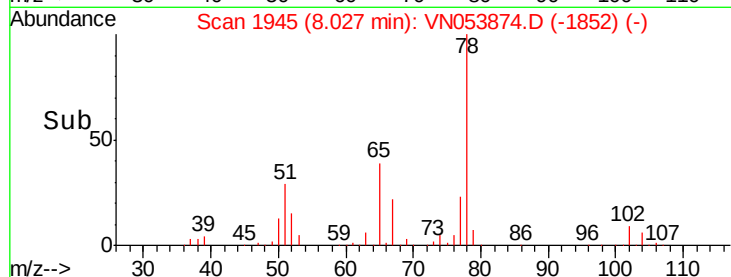
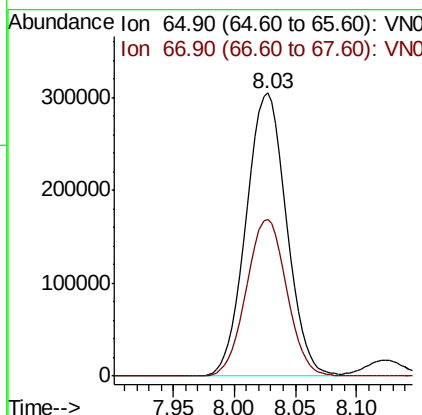
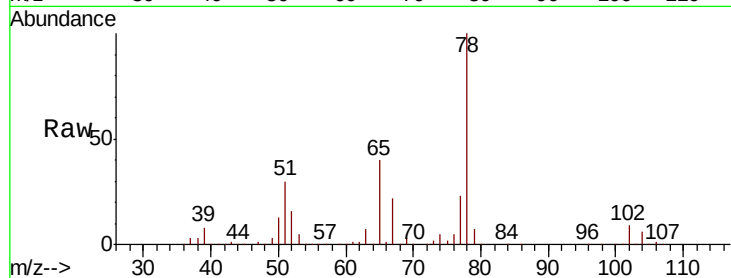




#33
 1,2-Dichloroethane-d4
 Concen: 94.987 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

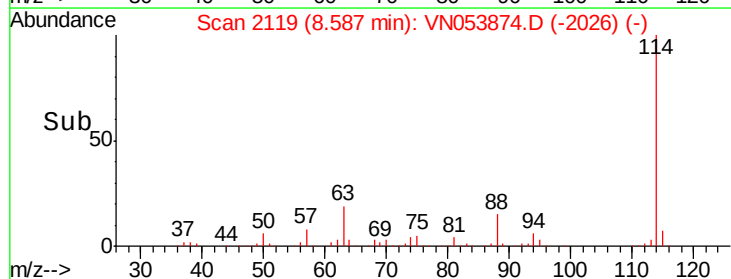
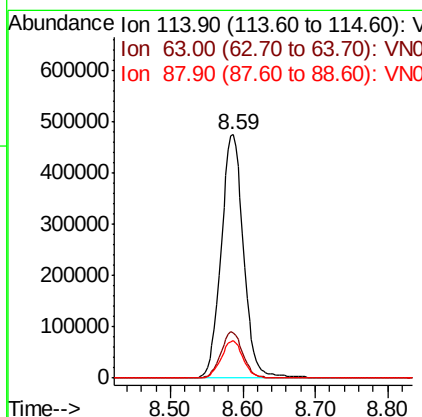
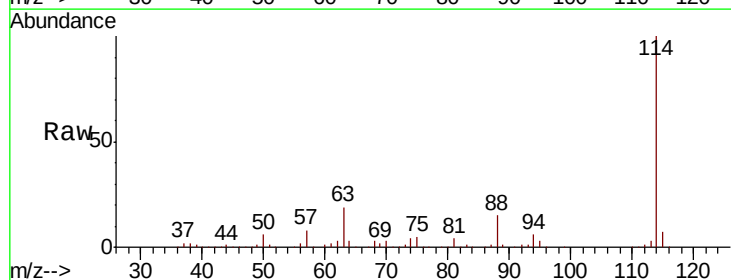
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

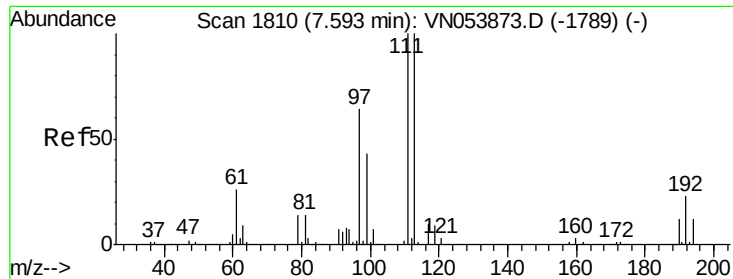
Tgt Ion: 65 Resp: 699630
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

Tgt Ion: 114 Resp: 1017498
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.4
 88 15.2 0.0 30.4

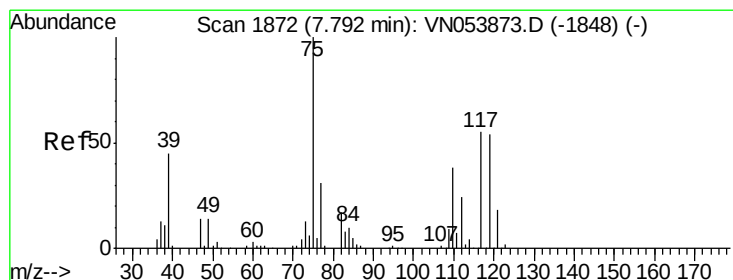
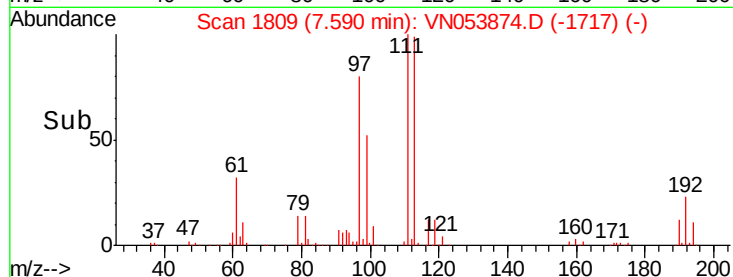
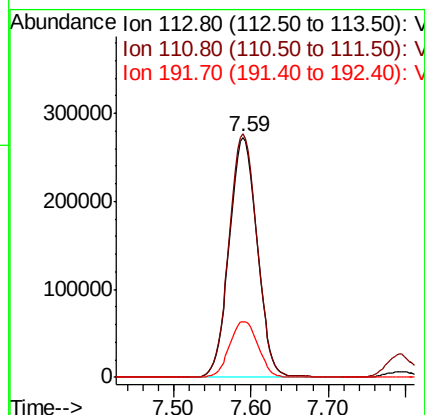
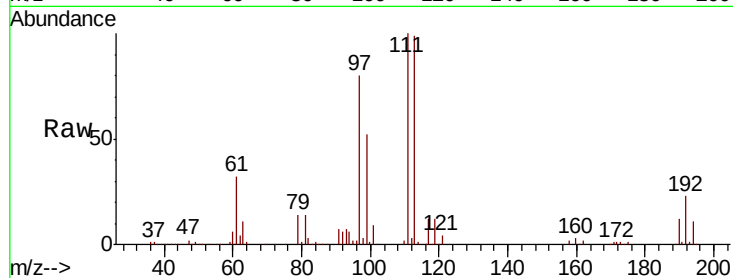




#35
 Dibromofluoromethane
 Concen: 102.100 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

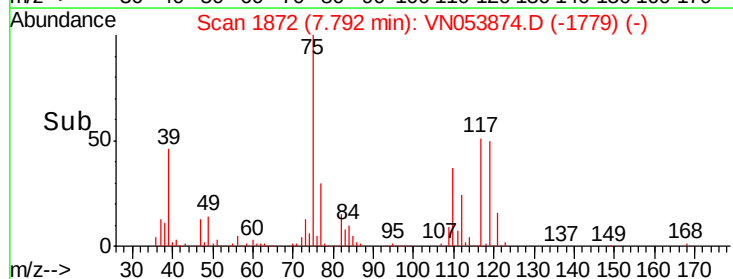
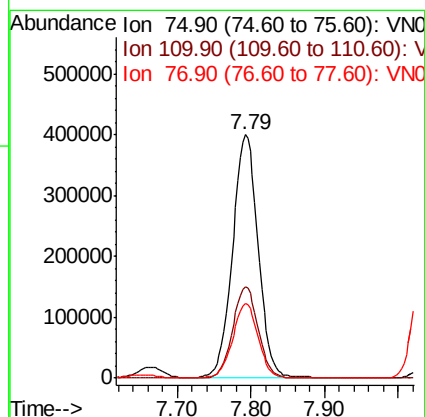
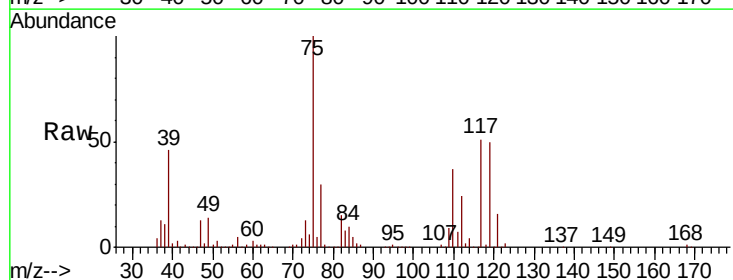
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

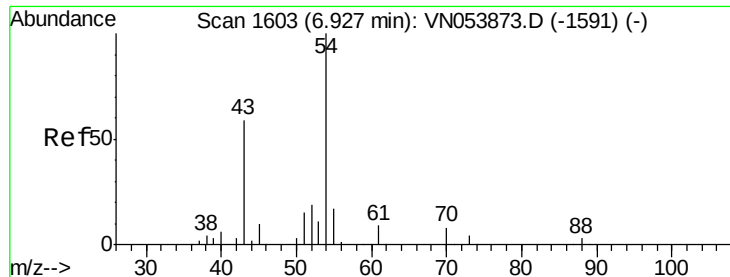
Tgt Ion: 113 Resp: 681790
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.1 121.7
 192 23.7 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 103.288 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

Tgt Ion: 75 Resp: 963321
 Ion Ratio Lower Upper
 75 100
 110 37.3 19.0 57.0
 77 30.6 25.4 38.0

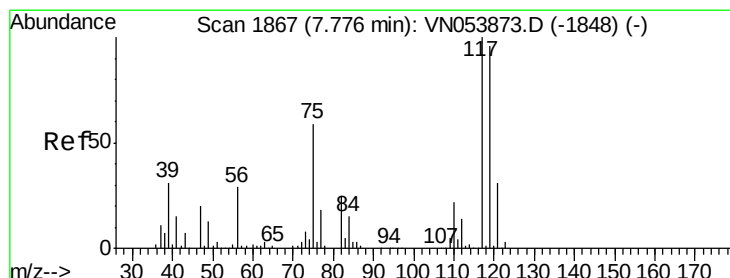
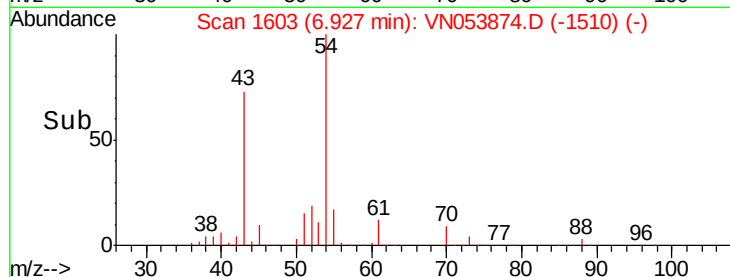
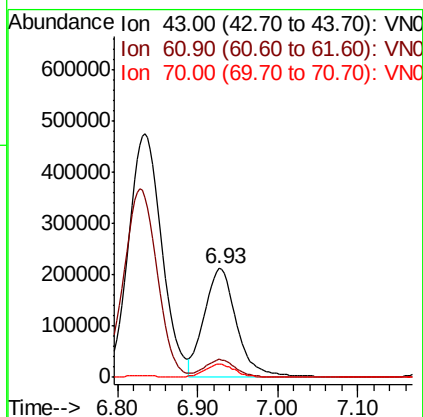
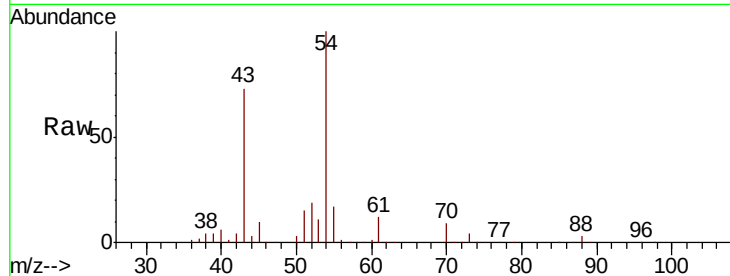




#37
Ethyl Acetate
Concen: 115.758 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

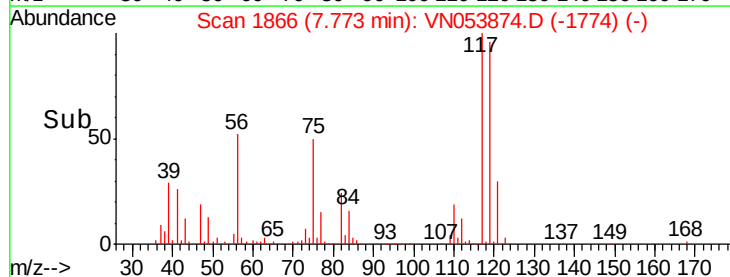
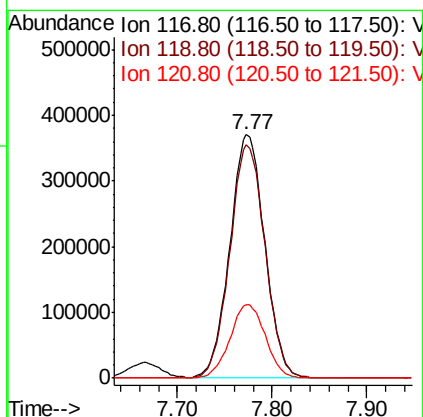
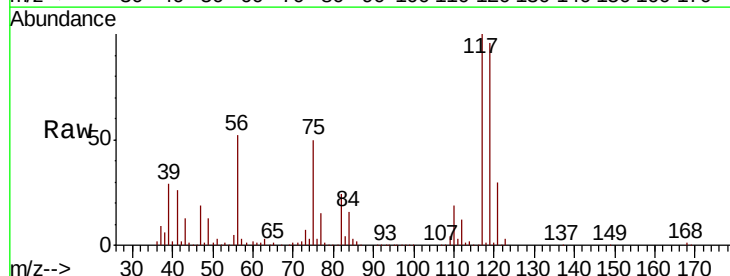
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

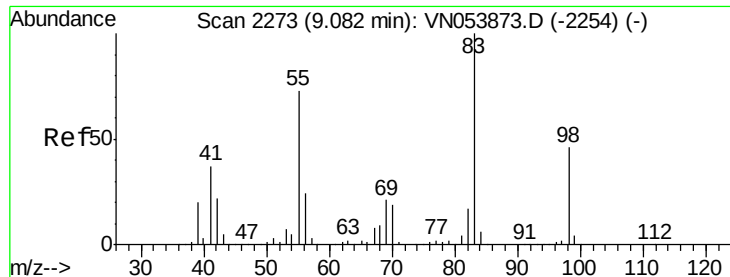
Tgt Ion: 43 Resp: 595820
Ion Ratio Lower Upper
43 100
61 15.2 12.0 18.0
70 11.5 8.7 13.1



#38
Carbon Tetrachloride
Concen: 95.051 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

Tgt Ion: 117 Resp: 947523
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.2
121 30.2 24.6 36.8

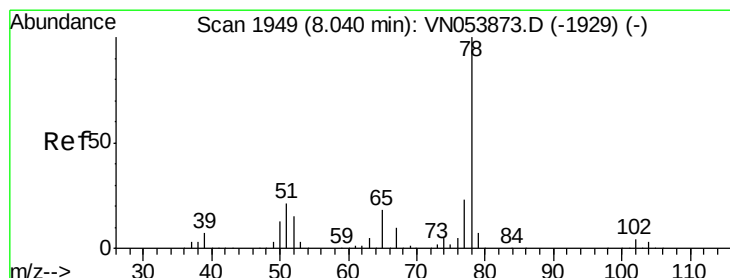
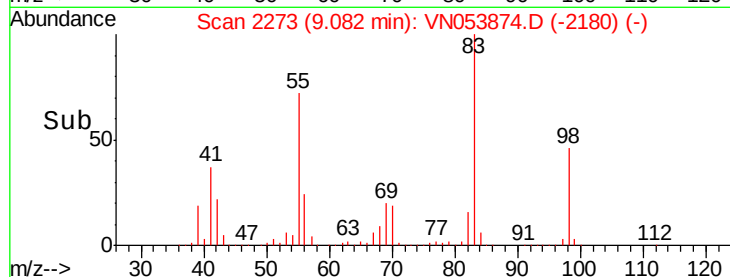
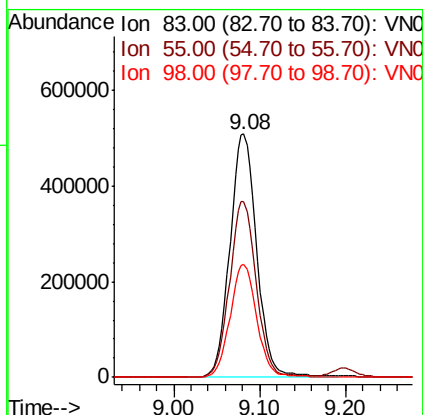
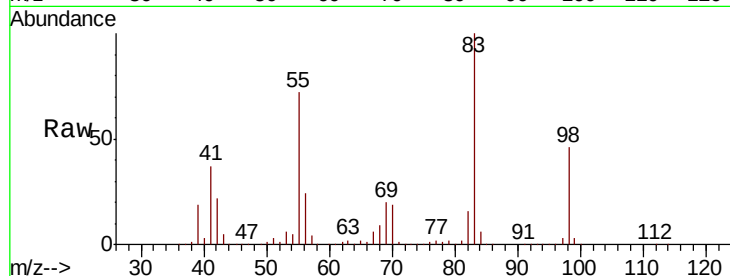




#39
Methylcyclohexane
Concen: 102.548 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

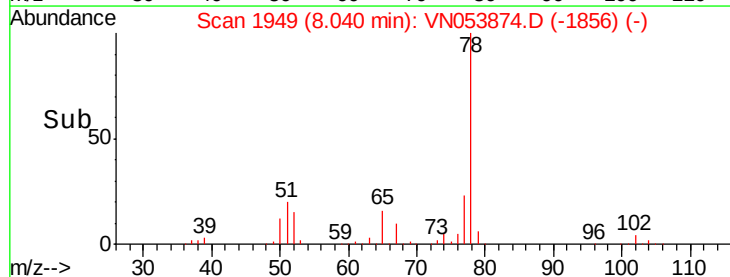
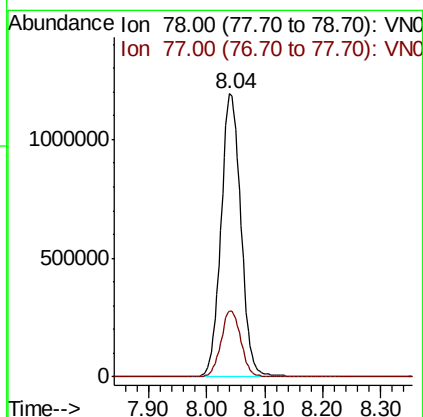
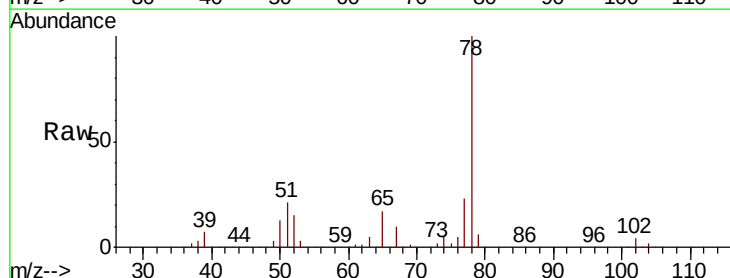
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

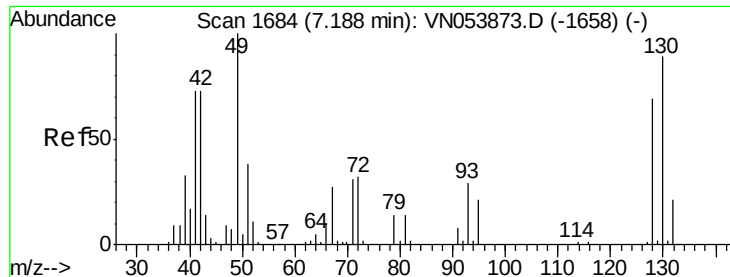
Tgt Ion: 83 Resp: 1102073
Ion Ratio Lower Upper
83 100
55 72.0 58.2 87.4
98 46.4 37.2 55.8



#40
Benzene
Concen: 103.517 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

Tgt Ion: 78 Resp: 2854171
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2





#41

Methacrylonitrile

Concen: 95.859 ug/l

RT: 7.17 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tgt Ion: 41 Resp: 314984

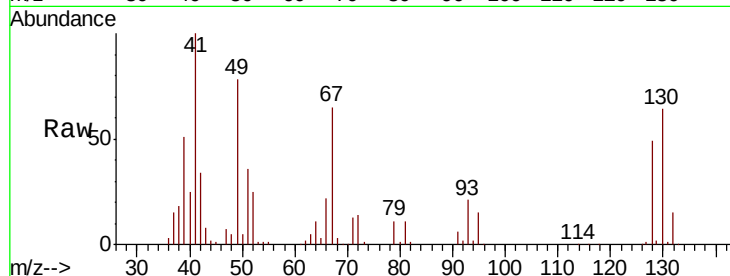
Ion Ratio Lower Upper

41 100

39 58.5 0.0 0.0#

67 89.4 0.0 0.0#

52 32.9 0.0 0.0#

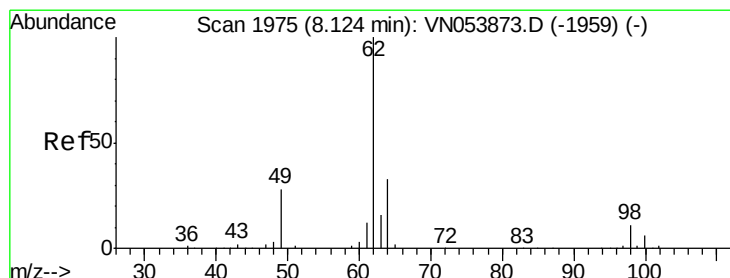
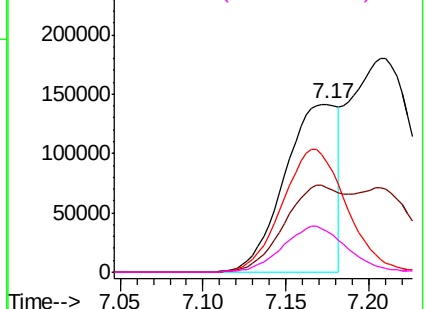
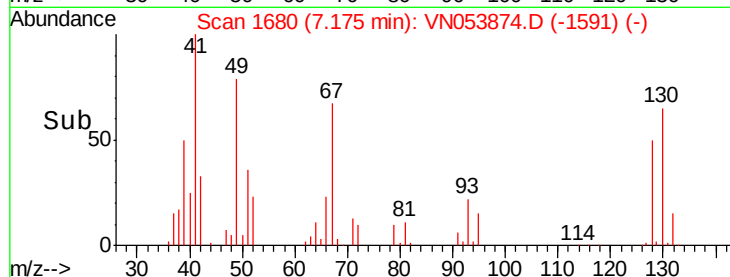


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 101.128 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN053874.D

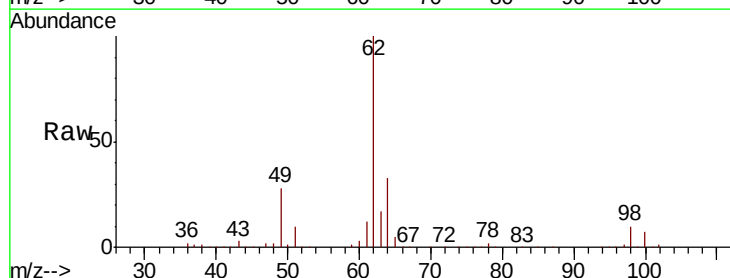
Acq: 20 Feb 2019 10:17

Tgt Ion: 62 Resp: 831239

Ion Ratio Lower Upper

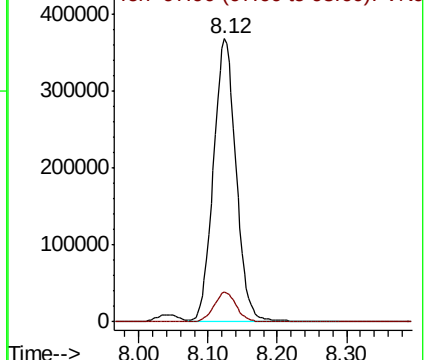
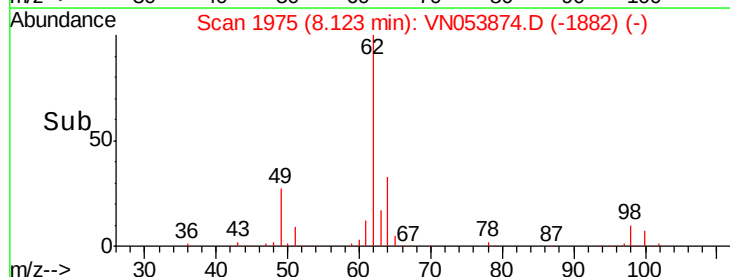
62 100

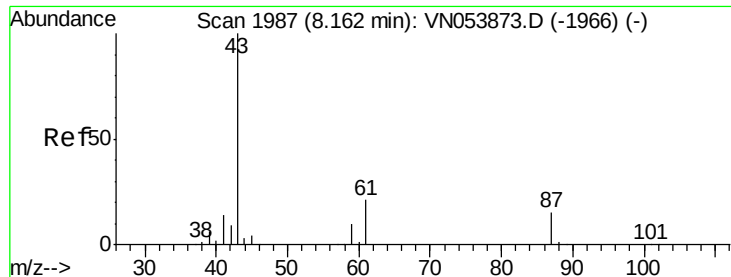
98 10.4 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 103.469 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

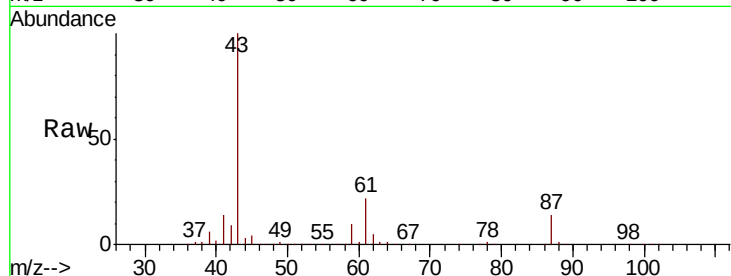
MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 1029332

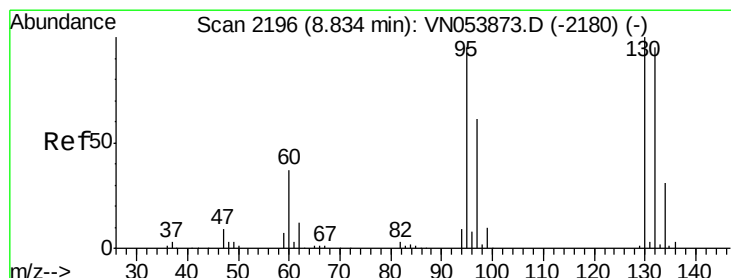
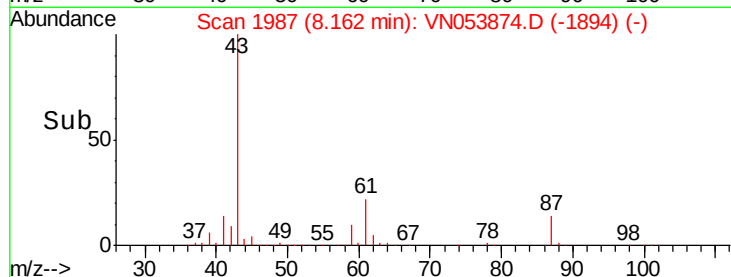
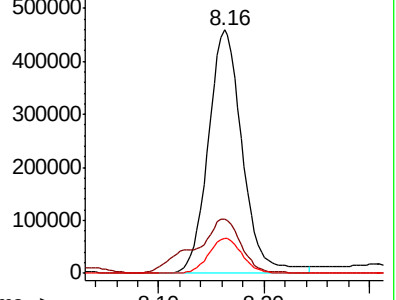
Ion	Ratio	Lower	Upper
43	100		
61	30.3	17.4	26.0#
87	14.3	11.5	17.3



Abundance Ion 43.00 (42.70 to 43.70): VN053873.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN053873.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN053873.D (-1966) (-)



#44

Trichloroethene

Concen: 95.496 ug/l

RT: 8.83 min Scan# 2196

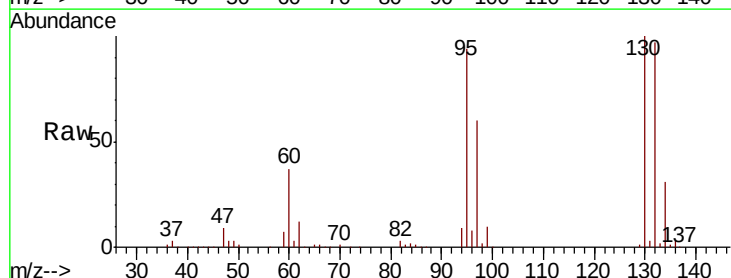
Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

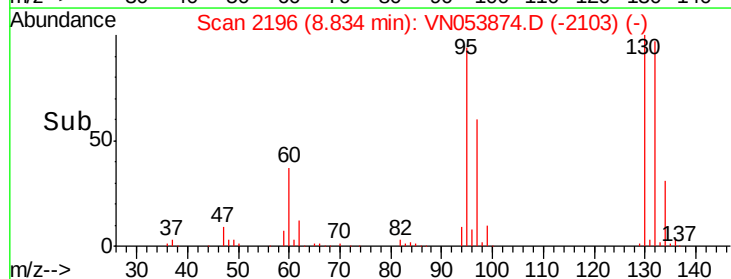
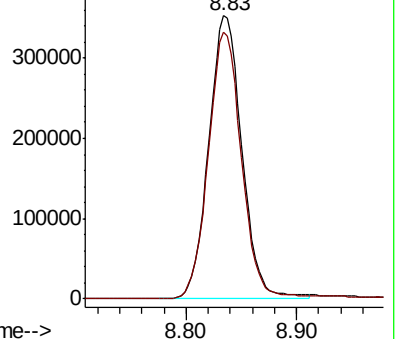
Tgt Ion: 130 Resp: 737076

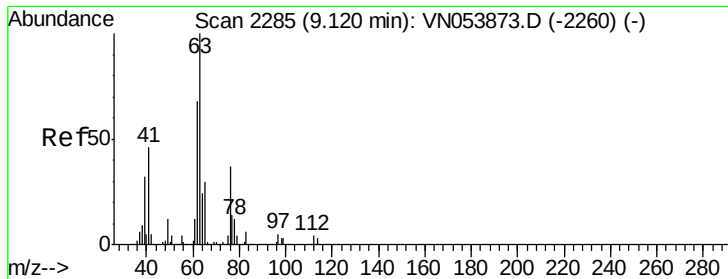
Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	190.0



Abundance Ion 129.80 (129.50 to 130.50): VN053873.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN053873.D (-2180) (-)

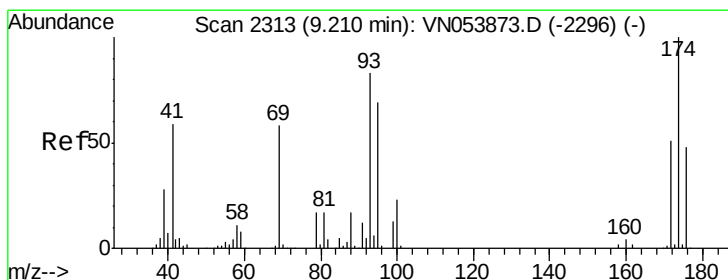
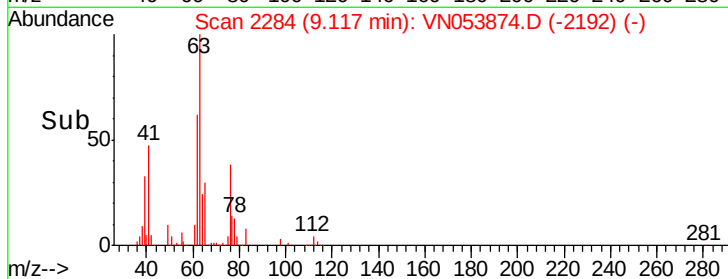
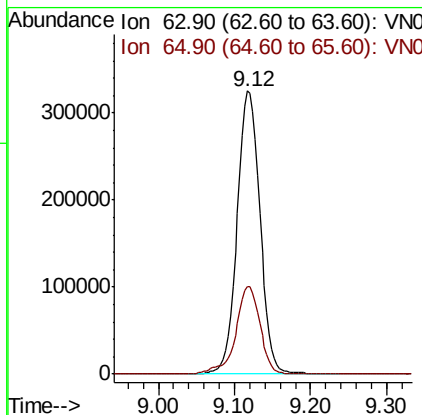
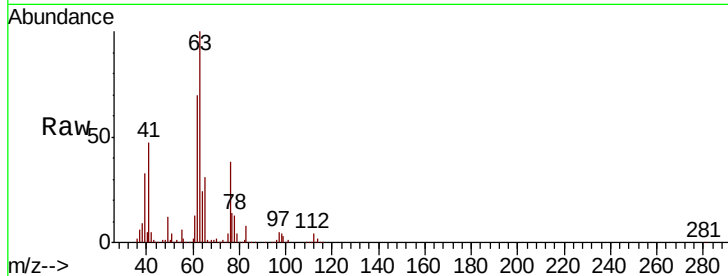




#45
 1,2-Dichloropropane
 Concen: 96.382 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

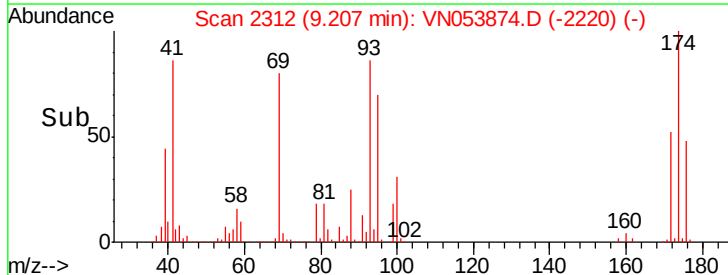
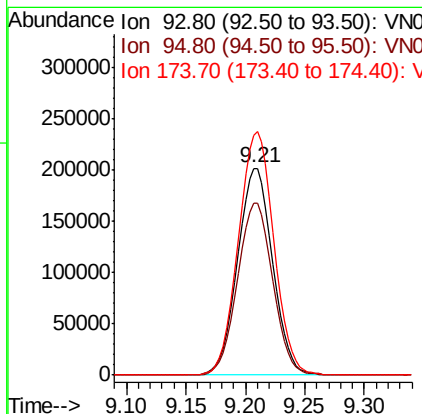
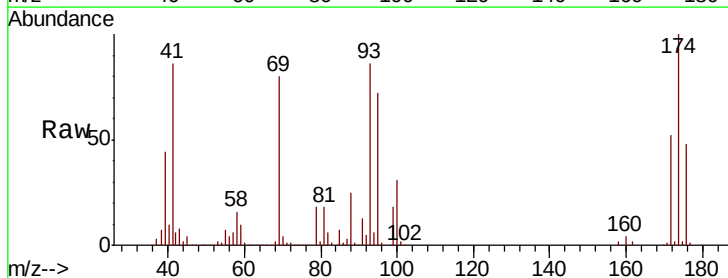
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

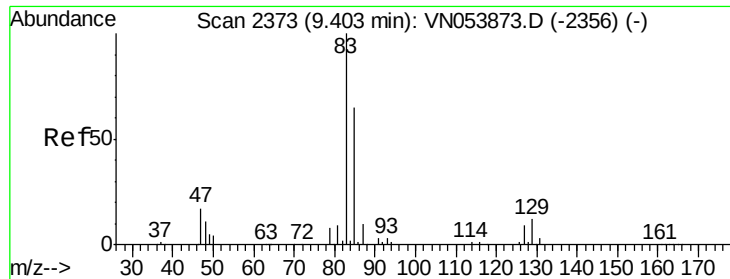
Tgt Ion: 63 Resp: 678452
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.3 36.5



#46
 Dibromomethane
 Concen: 97.278 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

Tgt Ion: 93 Resp: 412308
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.6 100.0
 174 119.2 96.2 144.4

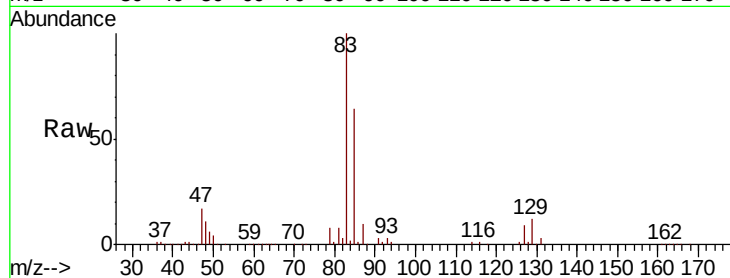




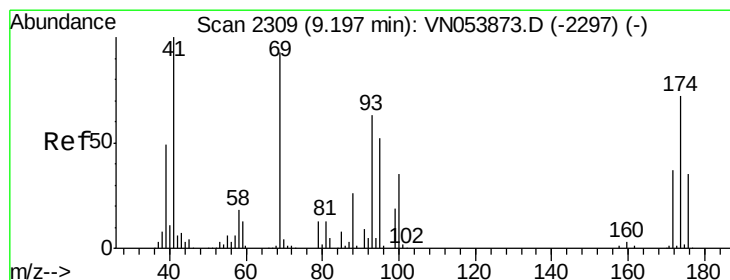
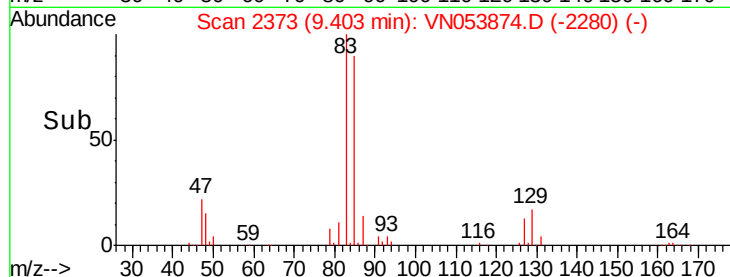
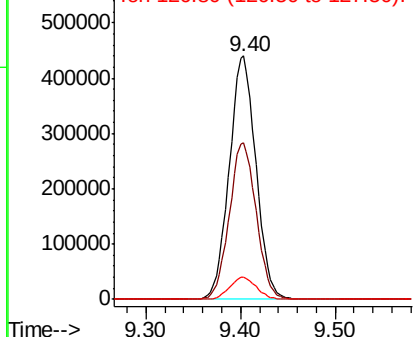
#47
Bromodichloromethane
Concen: 96.427 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 862184
Ion Ratio Lower Upper
83 100
85 64.3 51.8 77.6
127 9.2 7.4 11.0

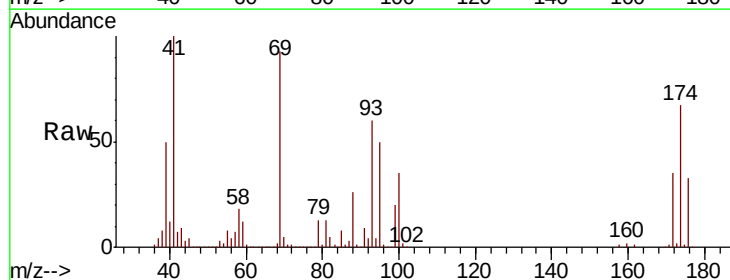


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

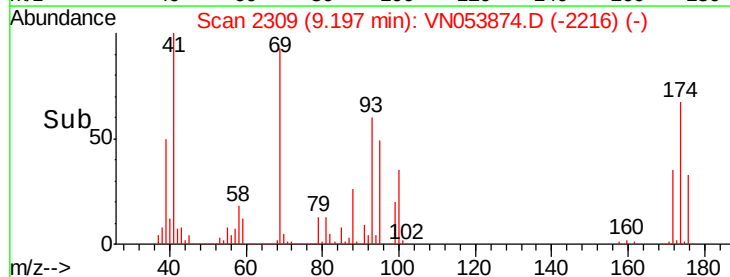
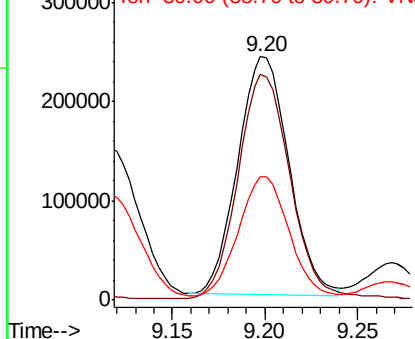


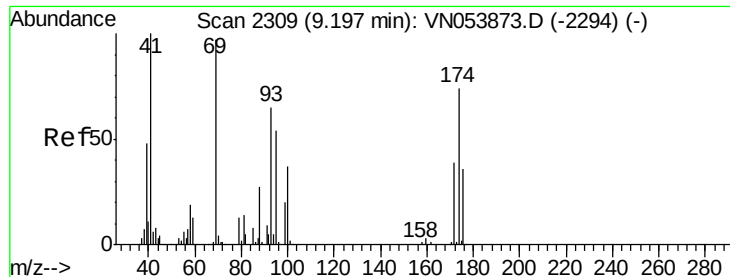
#48
Methyl methacrylate
Concen: 100.750 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

Tgt Ion: 41 Resp: 460853
Ion Ratio Lower Upper
41 100
69 96.8 74.8 112.2
39 52.7 39.0 58.6



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

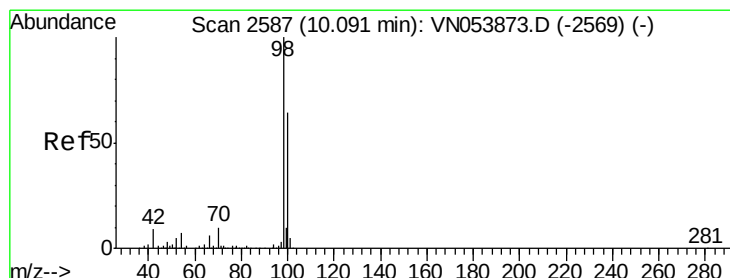
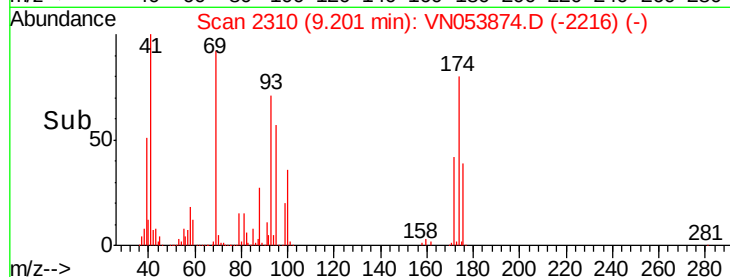
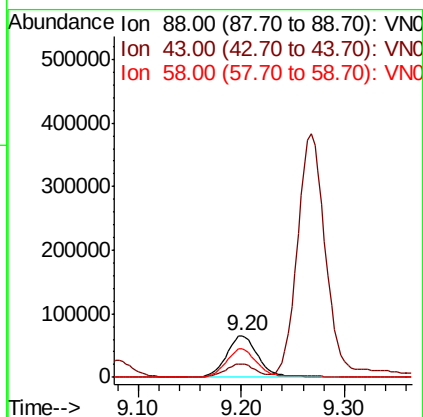
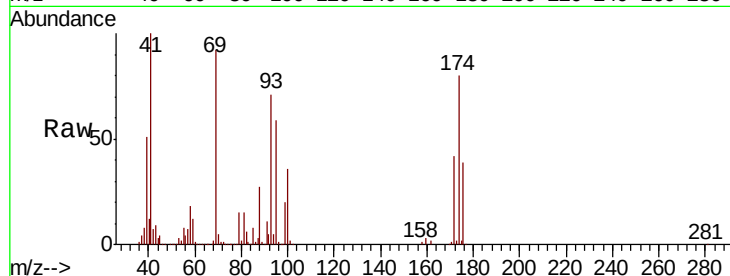




#49
1,4-Dioxane
Concen: 2225.386 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

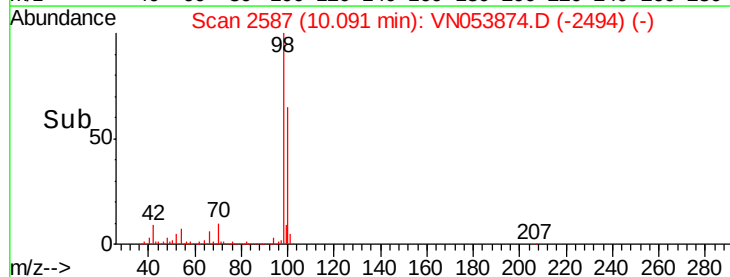
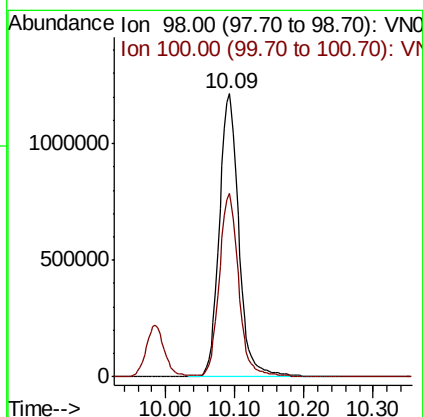
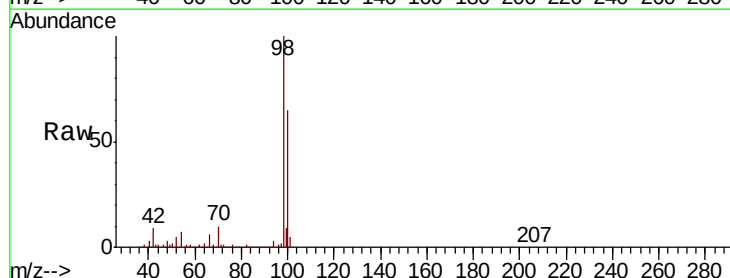
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

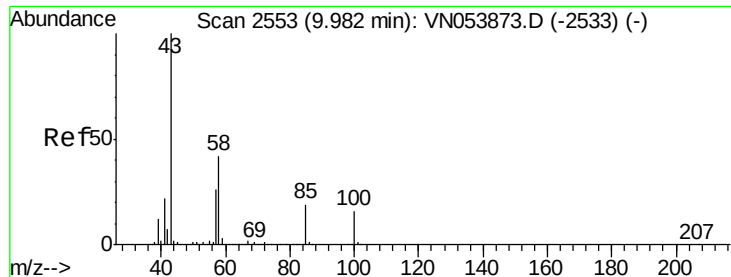
Tgt Ion: 88 Resp: 140385
Ion Ratio Lower Upper
88 100
43 28.6 21.2 31.8
58 66.6 54.2 81.2



#50
Toluene-d8
Concen: 98.369 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

Tgt Ion: 98 Resp: 2372472
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

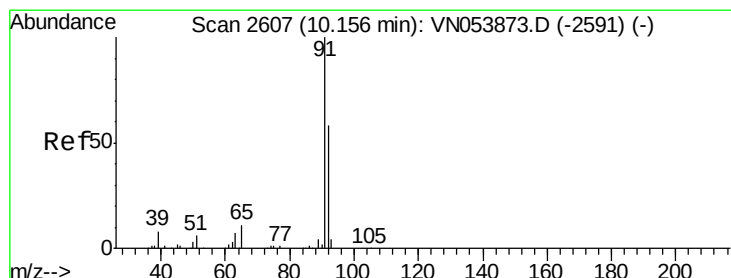
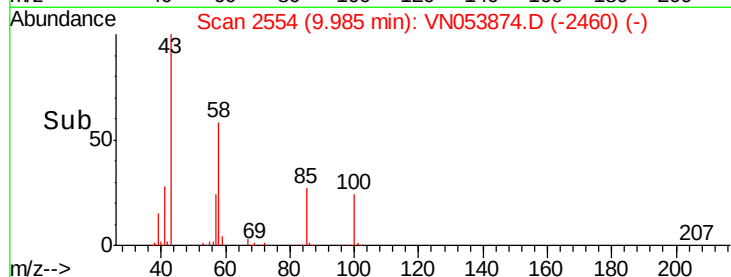
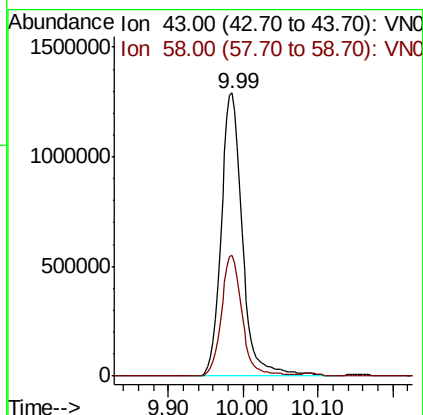
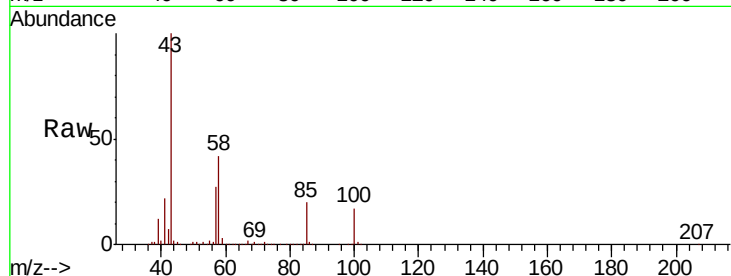




#51
 4-Methyl-2-Pentanone
 Concen: 545.178 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

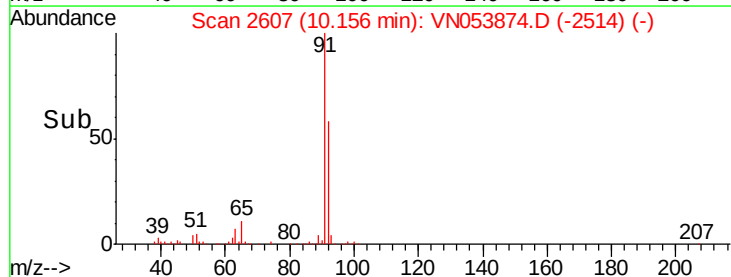
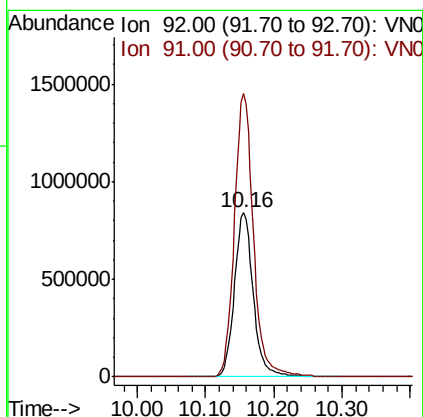
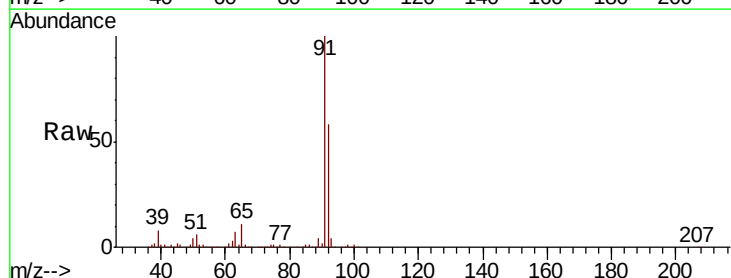
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

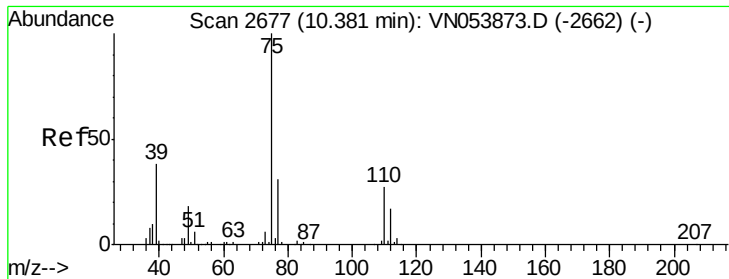
Tgt Ion: 43 Resp: 2521198
 Ion Ratio Lower Upper
 43 100
 58 41.8 32.7 49.1



#52
 Toluene
 Concen: 98.963 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

Tgt Ion: 92 Resp: 1616982
 Ion Ratio Lower Upper
 92 100
 91 173.6 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 105.430 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

MSVOA_N

ClientSampleId :

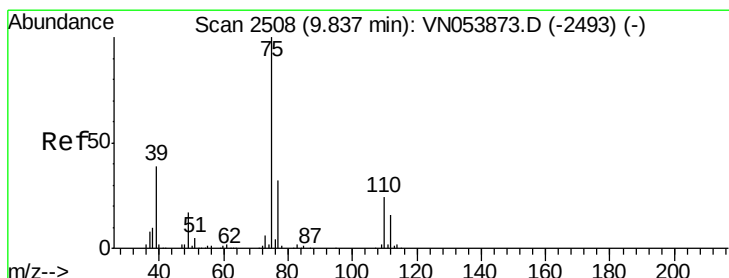
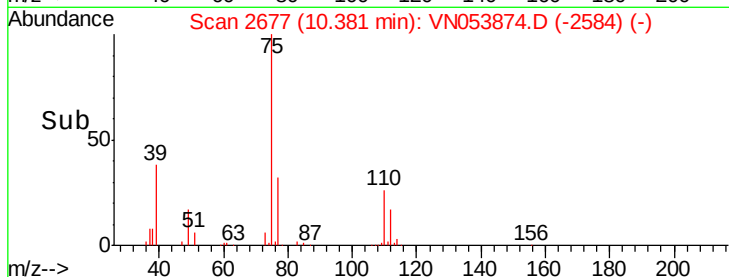
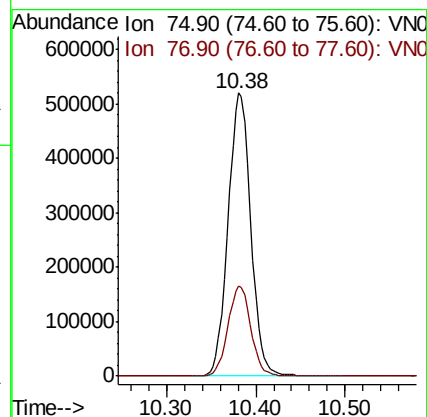
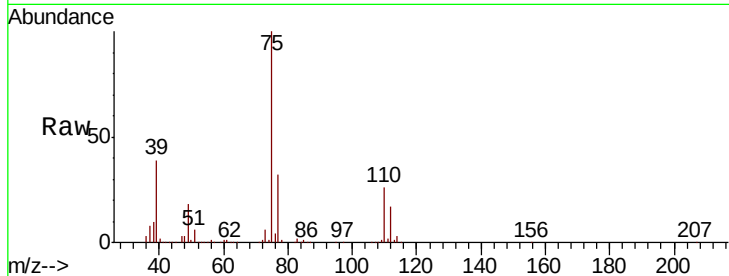
VSTDIC100

Tgt Ion: 75 Resp: 915382

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 103.417 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

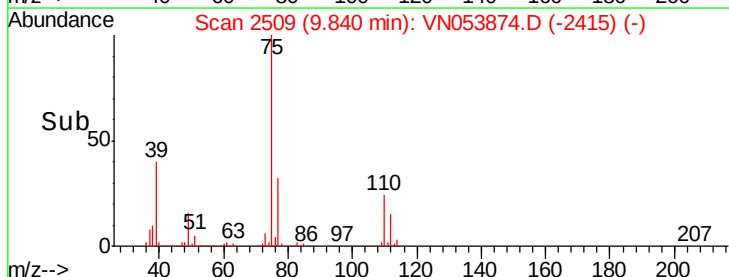
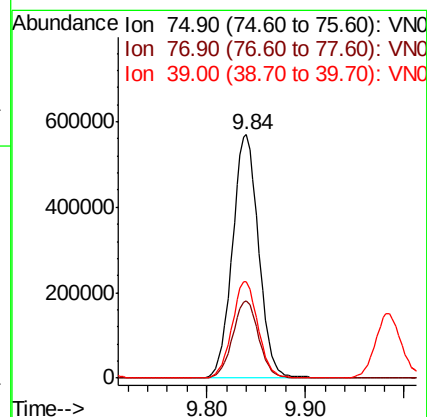
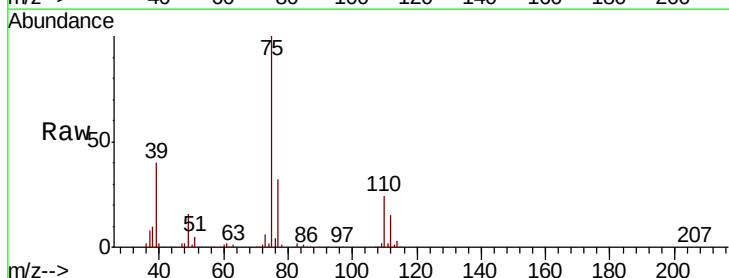
Tgt Ion: 75 Resp: 1058324

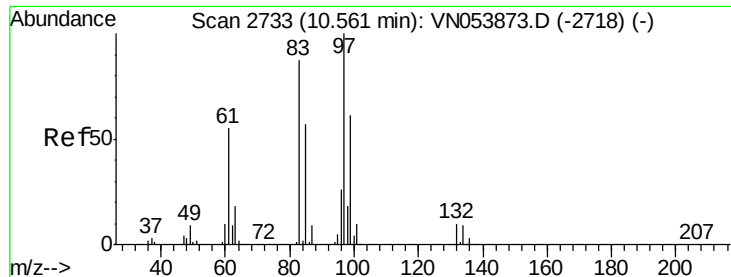
Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6

39 39.5 31.4 47.0

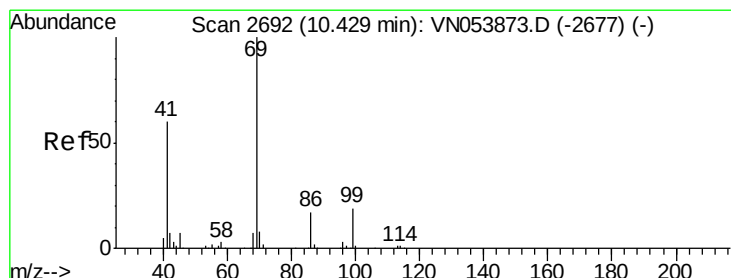
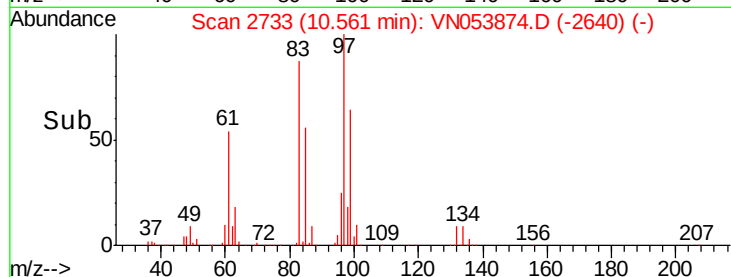
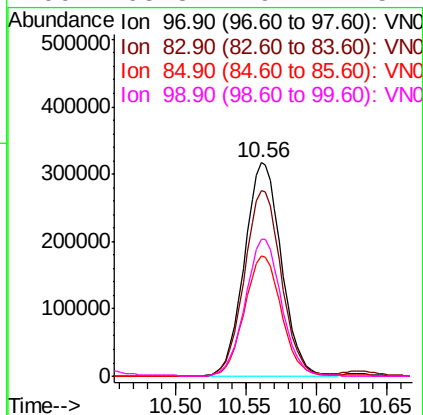
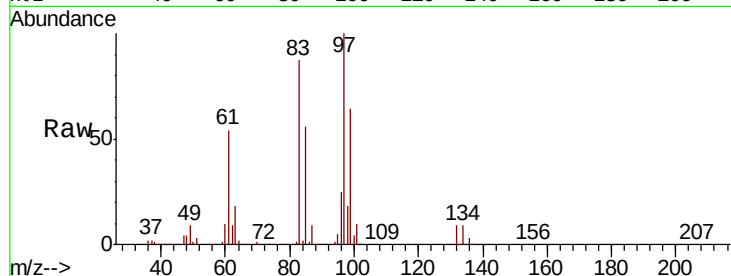




#55
 1,1,2-Trichloroethane
 Concen: 97.479 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

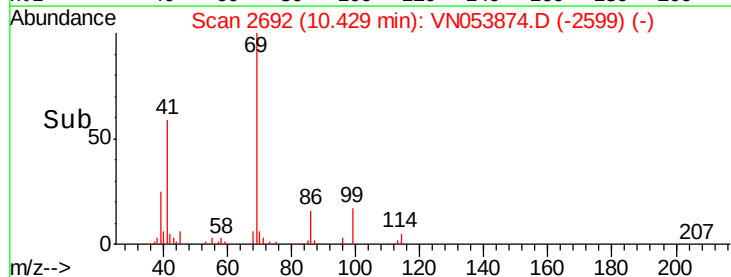
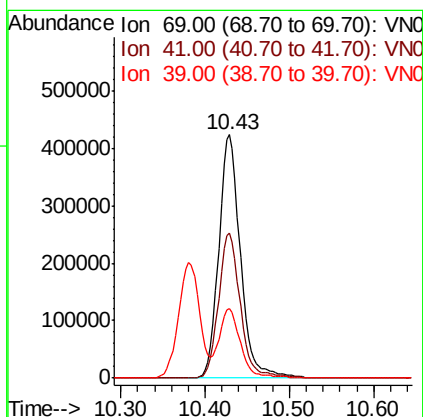
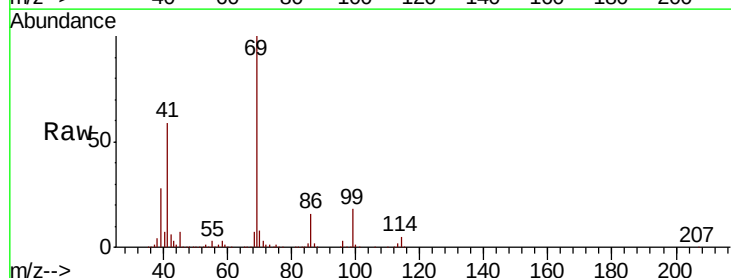
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

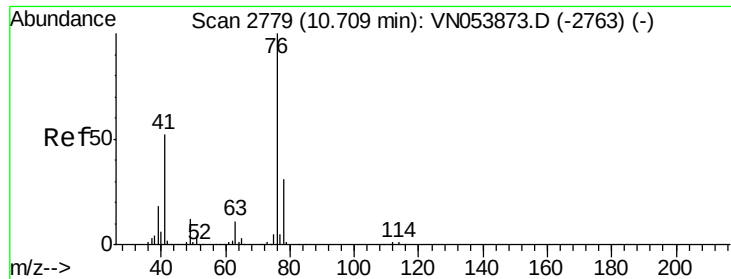
Tgt Ion: 97 Resp: 582242
 Ion Ratio Lower Upper
 97 100
 83 86.9 69.5 104.3
 85 56.5 45.9 68.9
 99 63.8 49.1 73.7



#56
 Ethyl methacrylate
 Concen: 112.411 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

Tgt Ion: 69 Resp: 755909
 Ion Ratio Lower Upper
 69 100
 41 59.8 47.5 71.3
 39 28.4 23.4 35.0

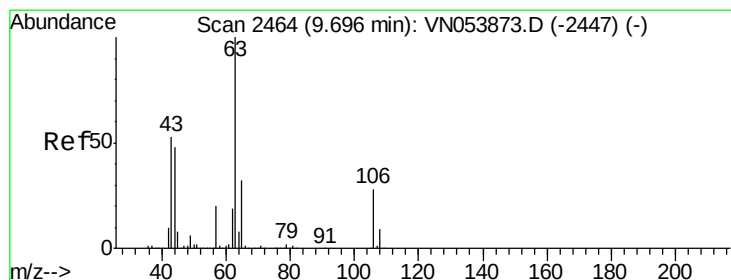
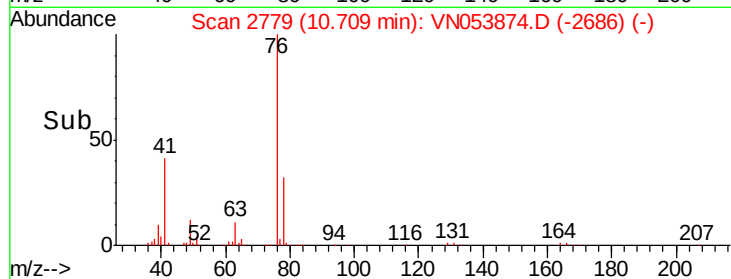
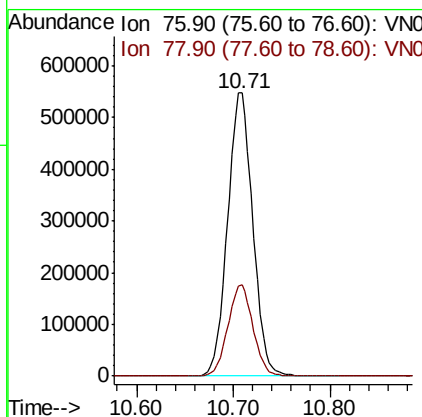
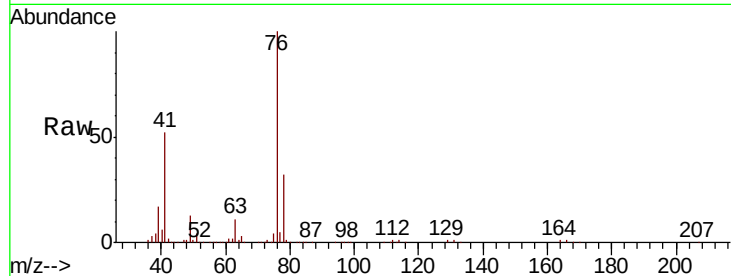




#57
 1,3-Dichloropropane
 Concen: 98.268 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

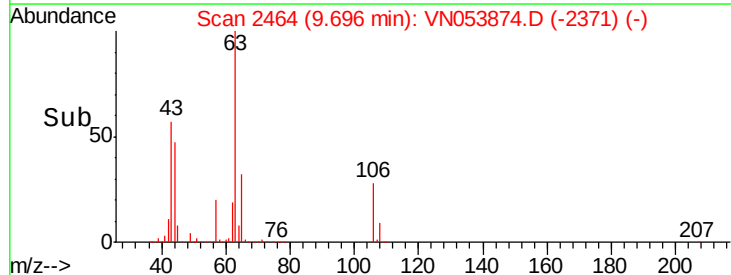
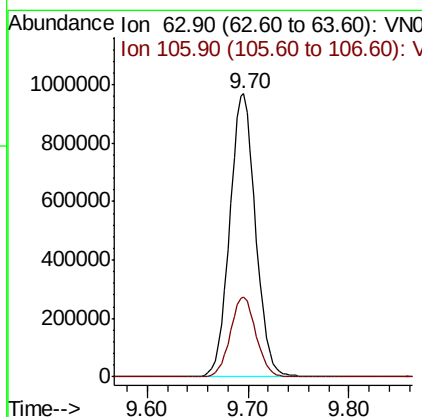
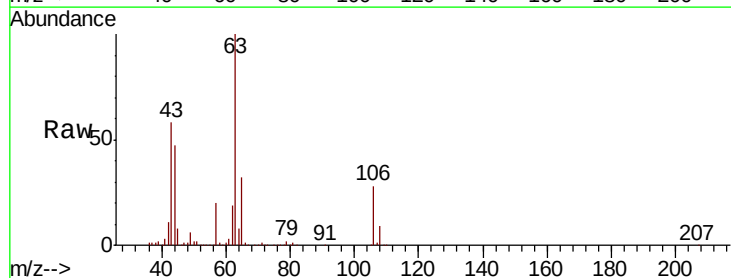
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

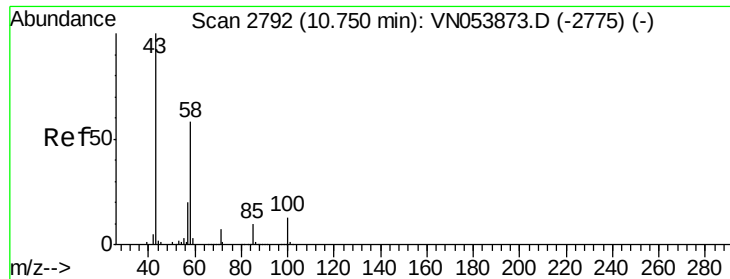
Tgt Ion: 76 Resp: 988285
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 586.163 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

Tgt Ion: 63 Resp: 1726844
 Ion Ratio Lower Upper
 63 100
 106 28.1 22.2 33.2

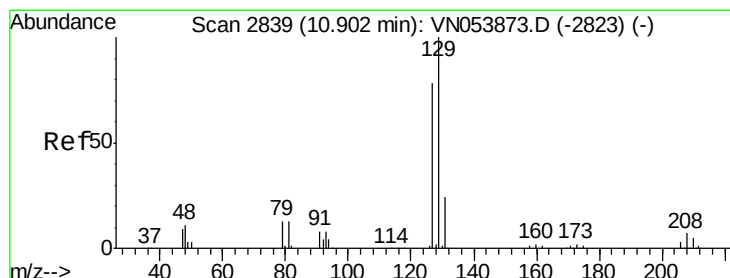
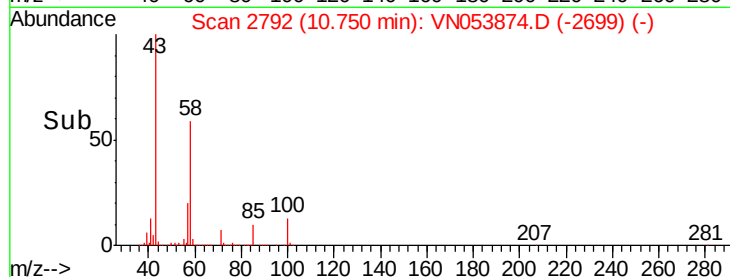
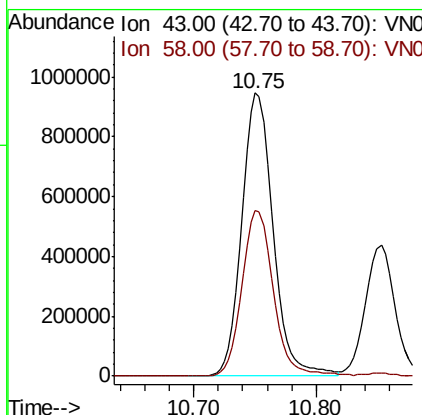
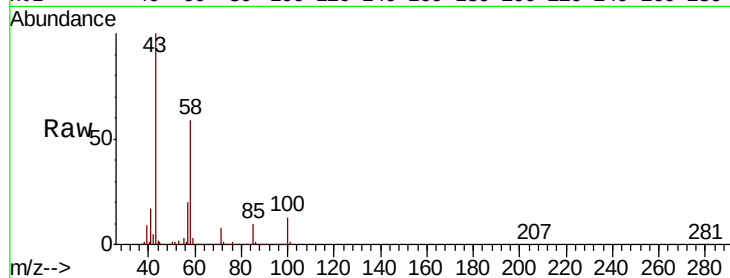




#59
2-Hexanone
Concen: 534.057 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

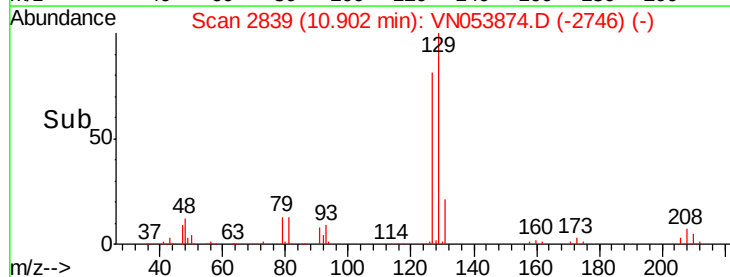
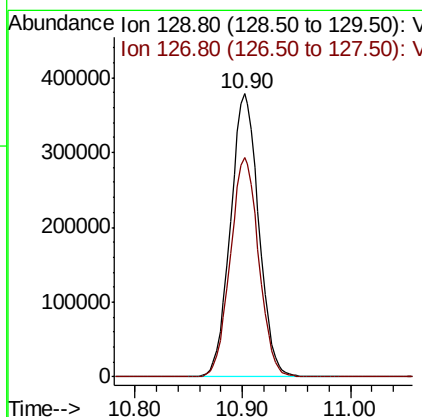
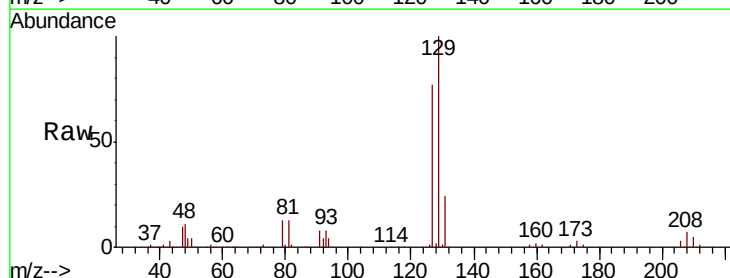
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

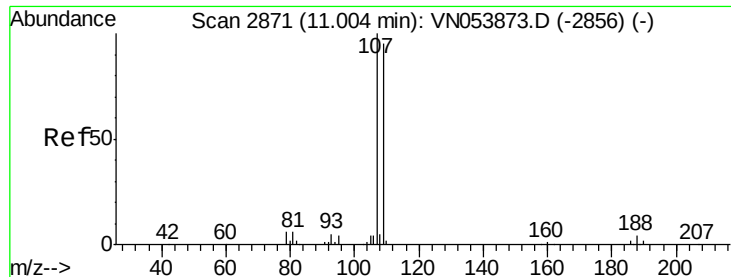
Tgt Ion: 43 Resp: 1666866
Ion Ratio Lower Upper
43 100
58 58.9 29.1 87.4



#60
Dibromochloromethane
Concen: 99.258 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

Tgt Ion: 129 Resp: 692019
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.3

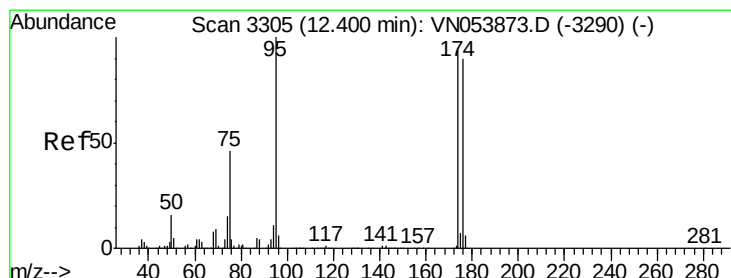
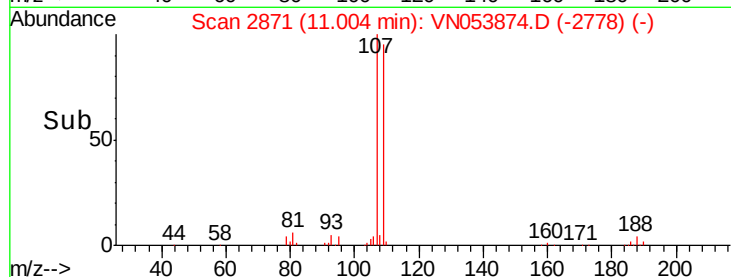
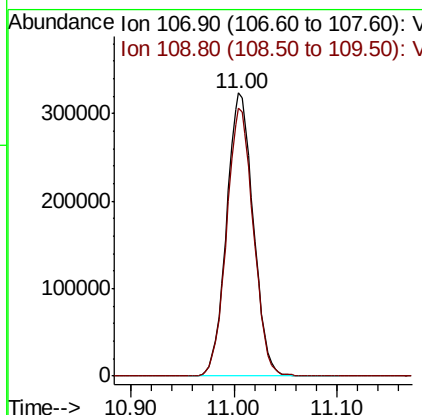
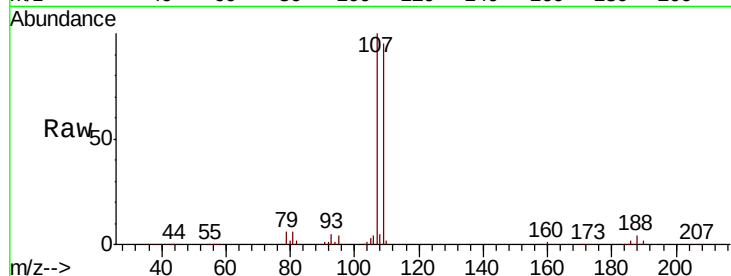




#61
 1,2-Dibromoethane
 Concen: 98.489 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

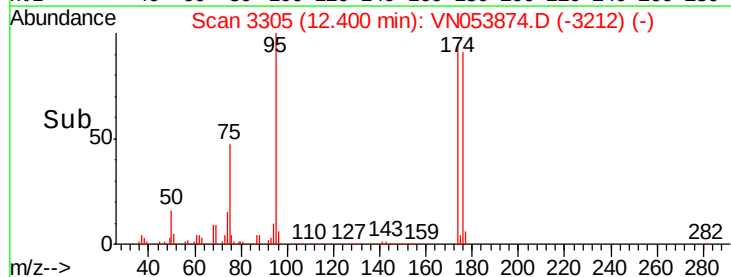
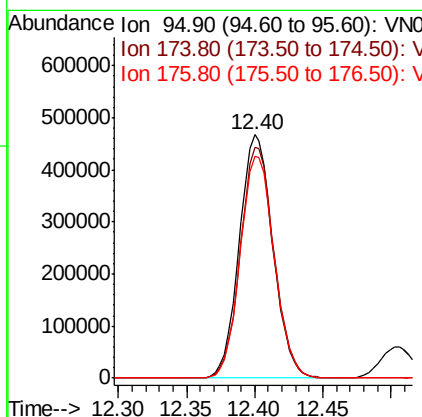
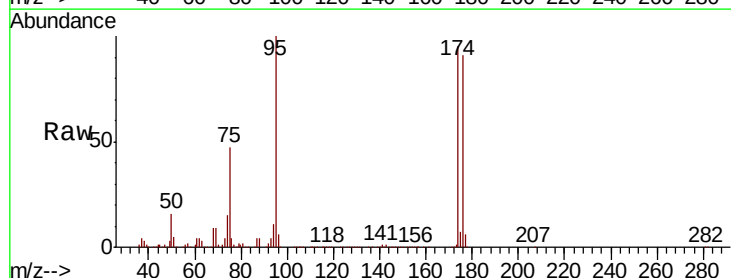
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

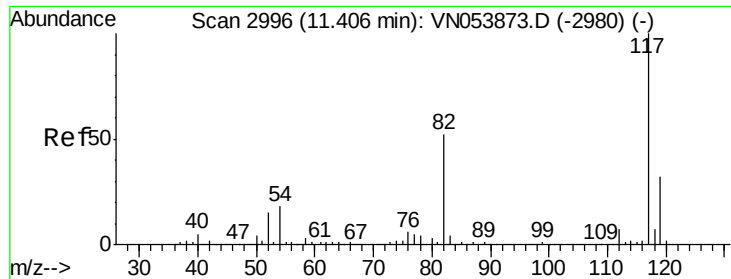
Tgt Ion: 107 Resp: 584440
 Ion Ratio Lower Upper
 107 100
 109 94.9 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 100.215 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

Tgt Ion: 95 Resp: 797946
 Ion Ratio Lower Upper
 95 100
 174 95.2 0.0 188.8
 176 92.4 0.0 182.6

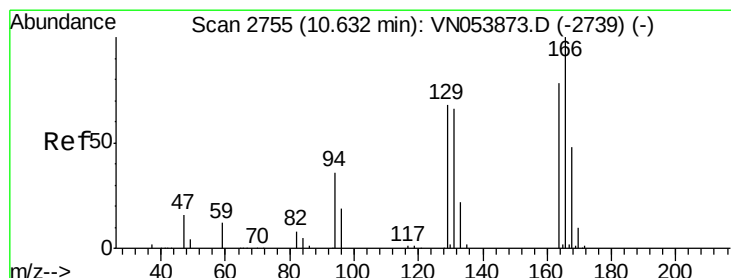
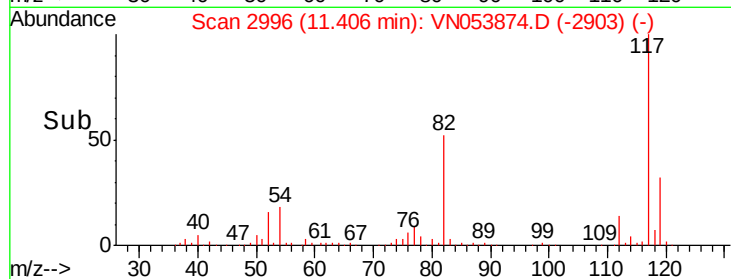
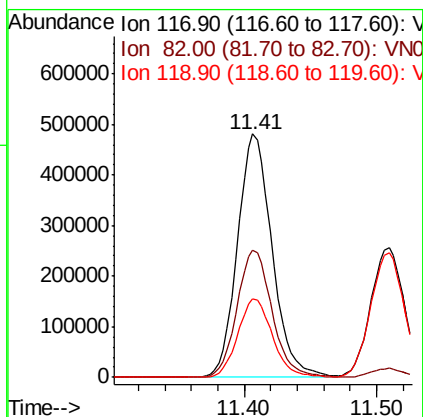
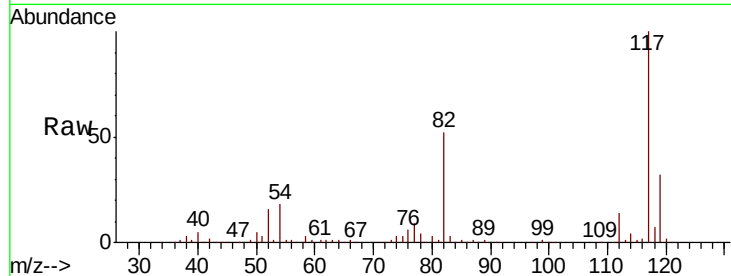




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

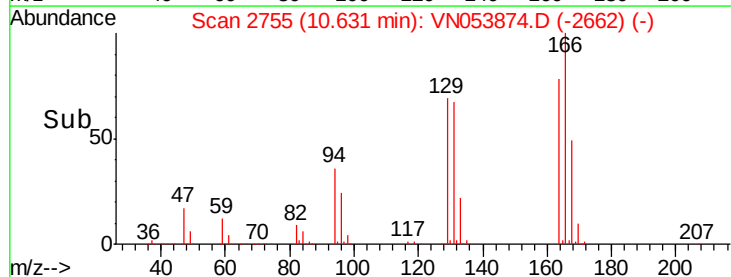
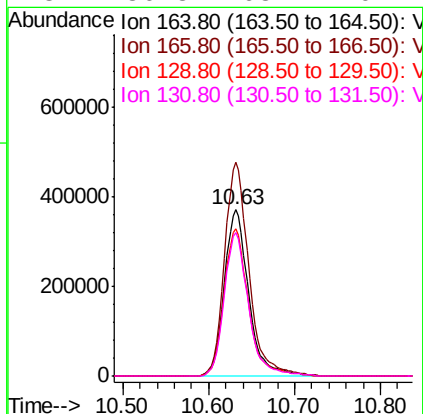
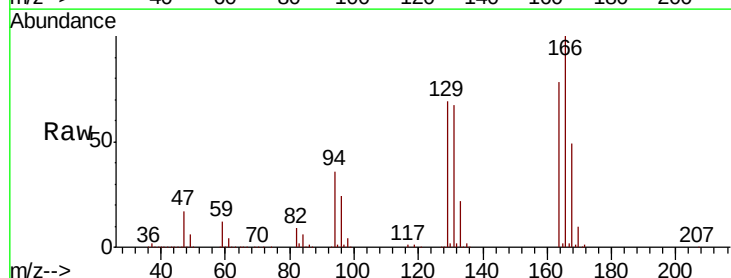
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

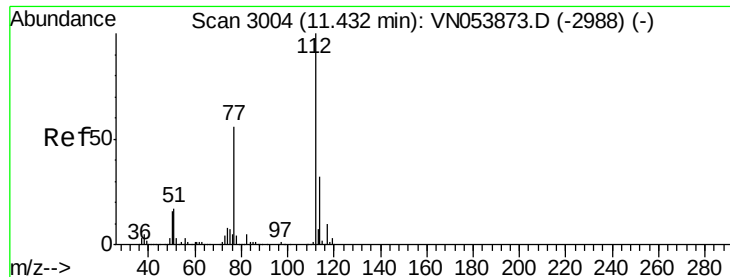
Tgt Ion:117 Resp: 873601
Ion Ratio Lower Upper
117 100
82 52.1 41.4 62.2
119 32.1 25.3 37.9



#64
Tetrachloroethene
Concen: 93.457 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

Tgt Ion:164 Resp: 730065
Ion Ratio Lower Upper
164 100
166 128.8 102.6 153.8
129 88.9 69.4 104.0
131 86.3 68.1 102.1

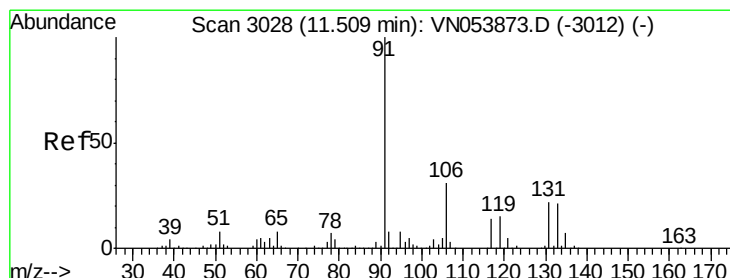
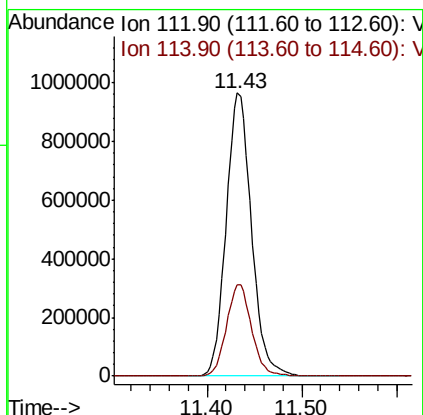
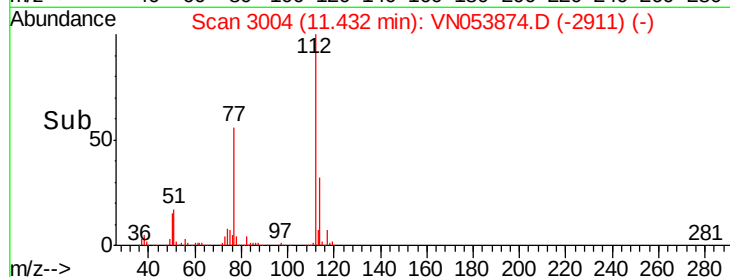
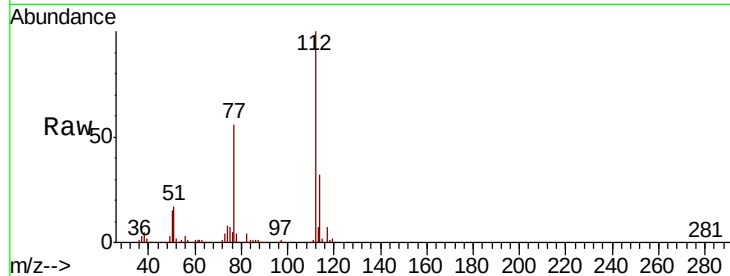




#65
Chlorobenzene
Concen: 98.084 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

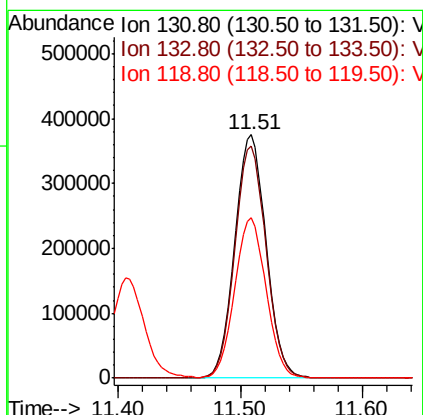
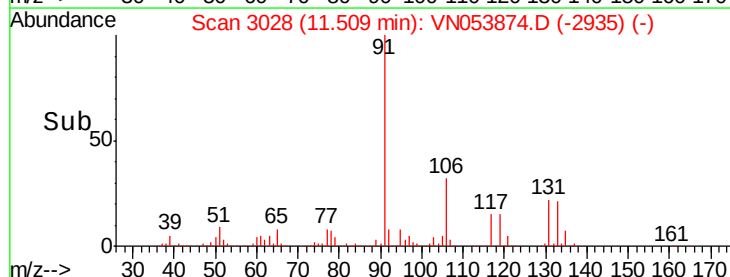
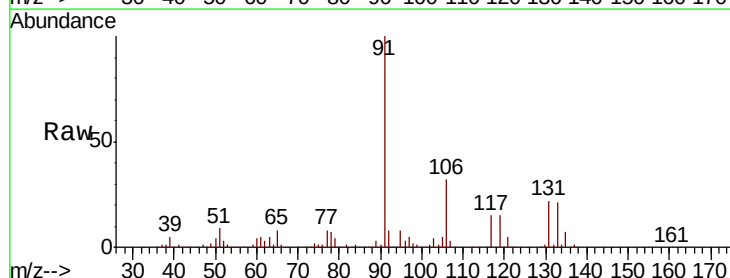
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

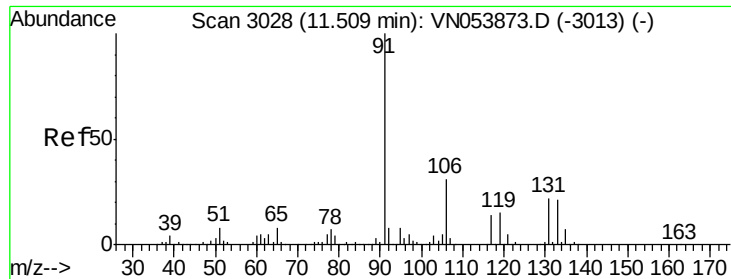
Tgt Ion:112 Resp: 1793529
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 99.715 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

Tgt Ion:131 Resp: 665376
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 66.1 33.1 99.3

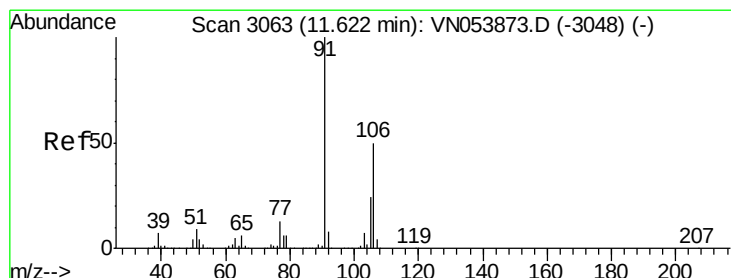
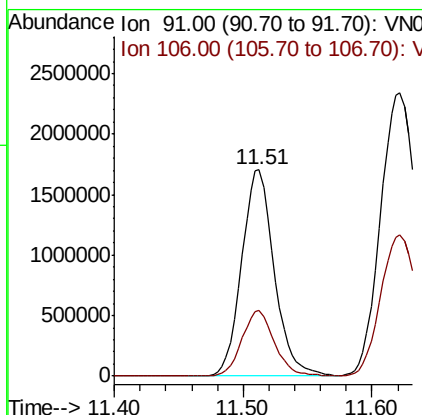
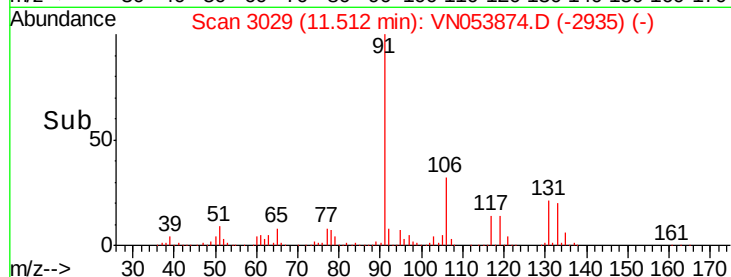
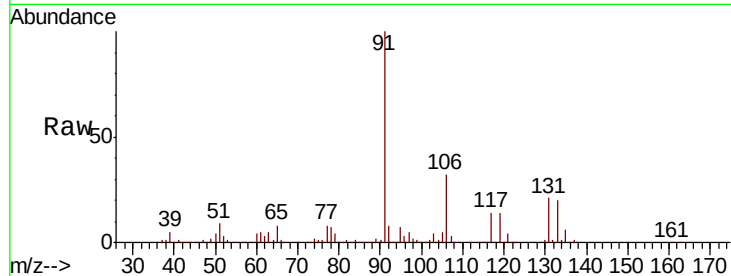




#67
Ethyl Benzene
Concen: 101.611 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

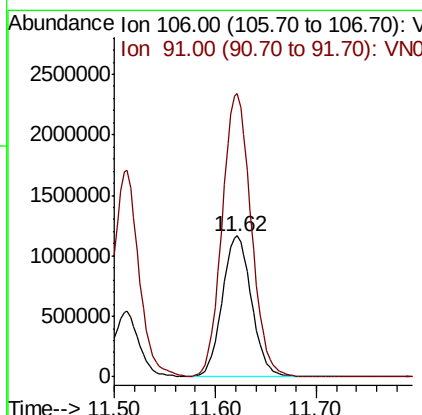
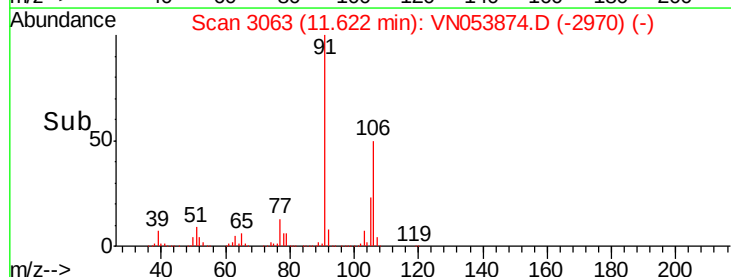
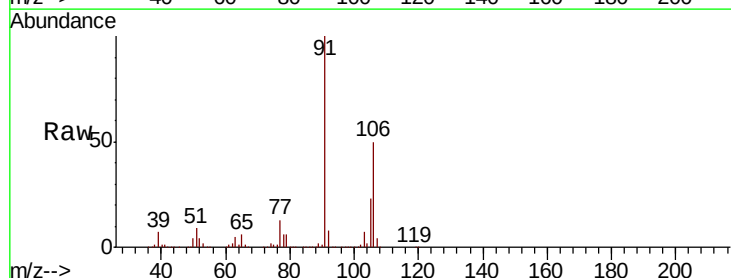
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

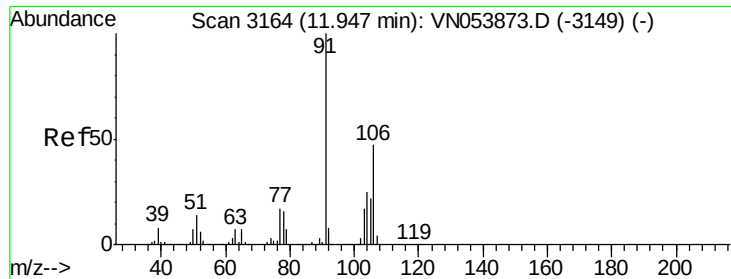
Tgt Ion: 91 Resp: 3006983
Ion Ratio Lower Upper
91 100
106 31.6 25.2 37.8



#68
m/p-Xylenes
Concen: 205.986 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

Tgt Ion: 106 Resp: 2360274
Ion Ratio Lower Upper
106 100
91 199.5 158.9 238.3

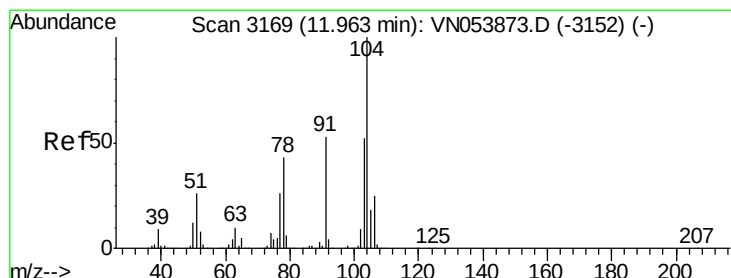
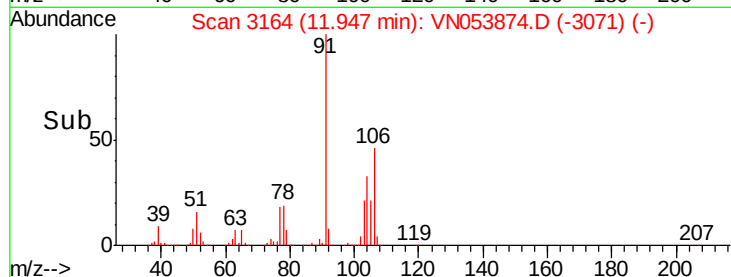
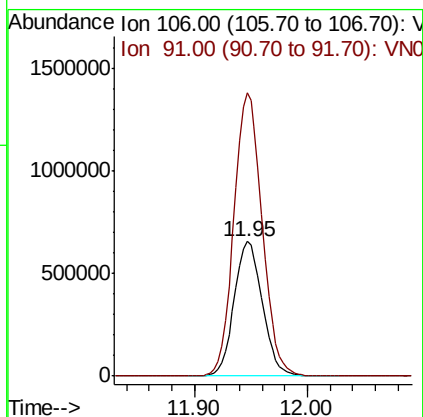
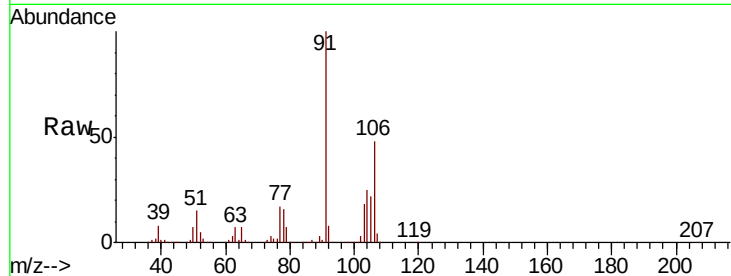




#69
o-Xylene
Concen: 103.493 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

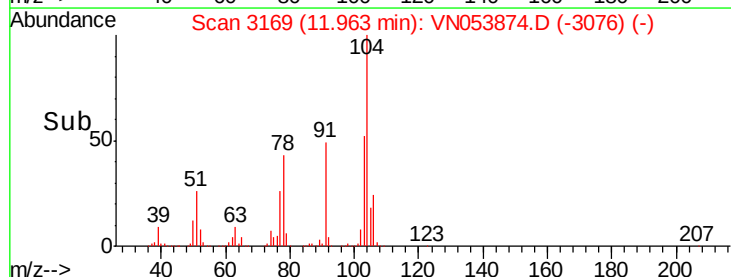
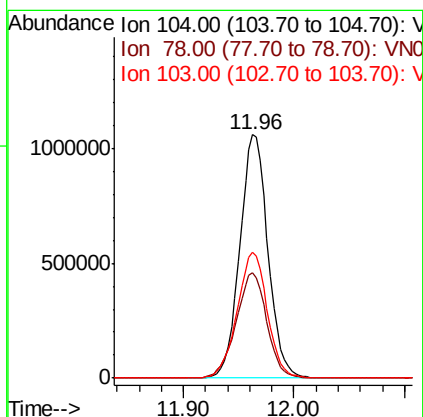
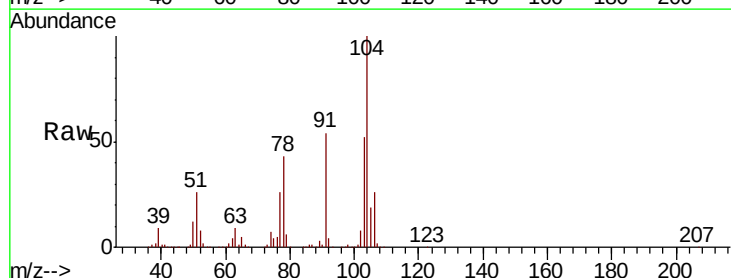
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

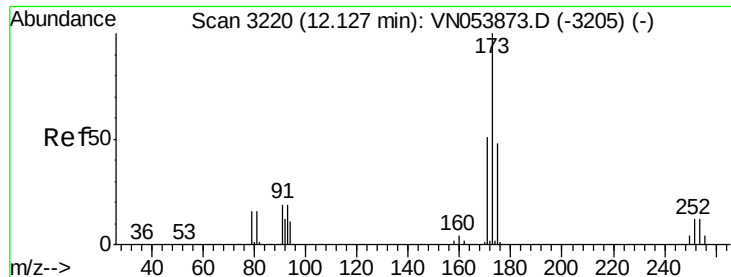
Tgt Ion:106 Resp: 1141652
Ion Ratio Lower Upper
106 100
91 210.1 106.0 318.0



#70
Styrene
Concen: 107.807 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053874.D
Acq: 20 Feb 2019 10:17

Tgt Ion:104 Resp: 1866193
Ion Ratio Lower Upper
104 100
78 47.3 38.1 57.1
103 55.7 44.6 67.0





#71

Bromoform

Concen: 105.328 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

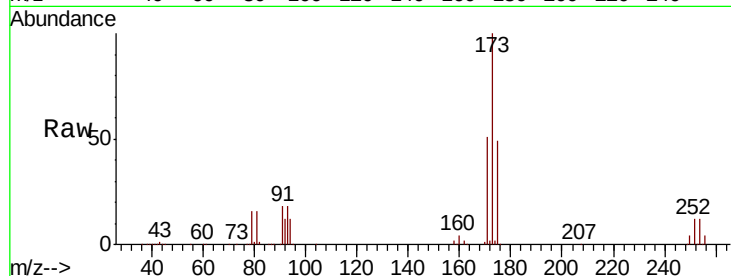
Tgt Ion:173 Resp: 498768

Ion Ratio Lower Upper

173 100

175 48.7 24.3 72.8

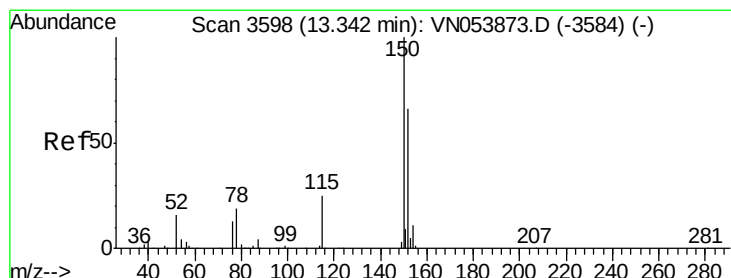
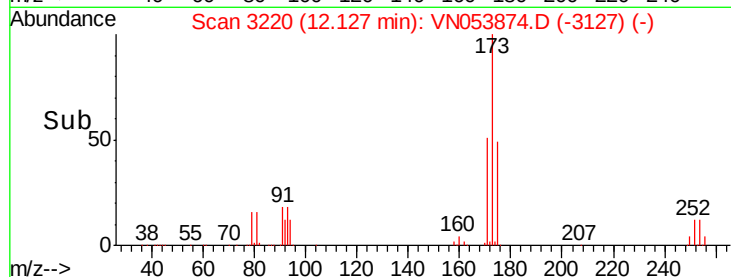
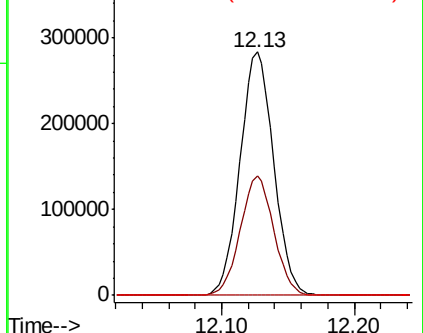
254 0.2 0.2 0.2#



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

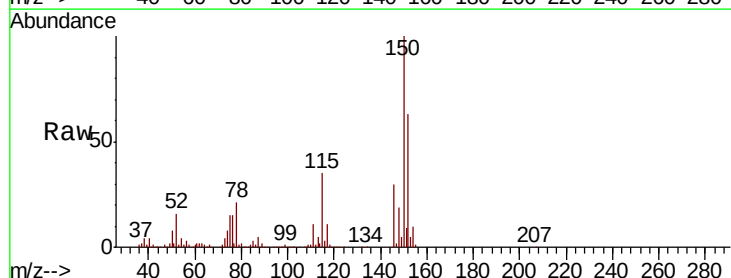
Tgt Ion:152 Resp: 439942

Ion Ratio Lower Upper

152 100

115 54.2 27.2 81.6

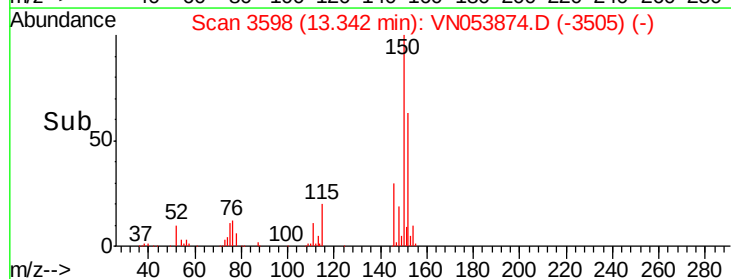
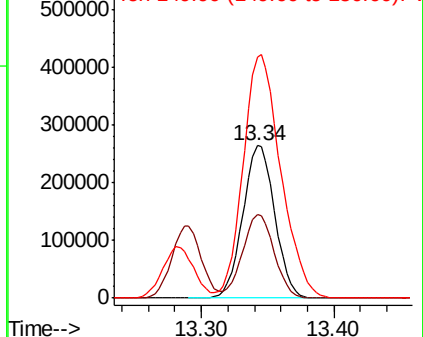
150 188.2 0.0 348.2

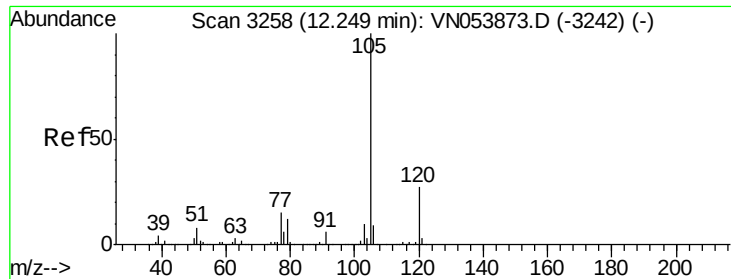


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 94.424 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

MSVOA_N

ClientSampleId :

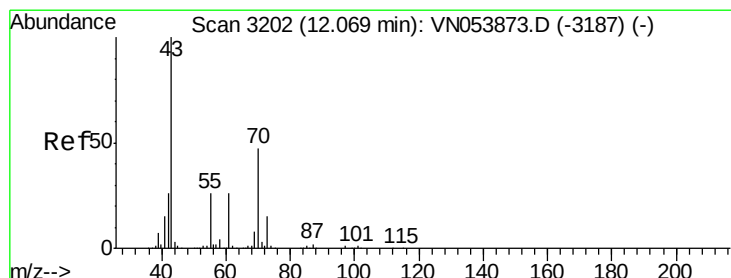
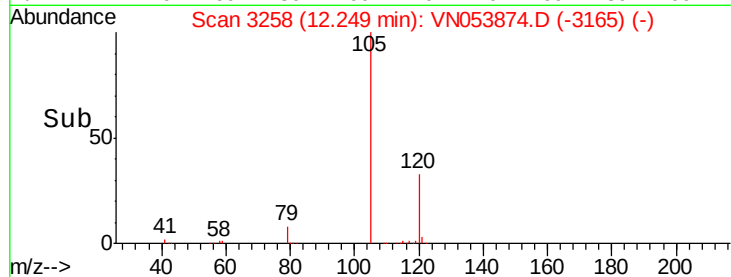
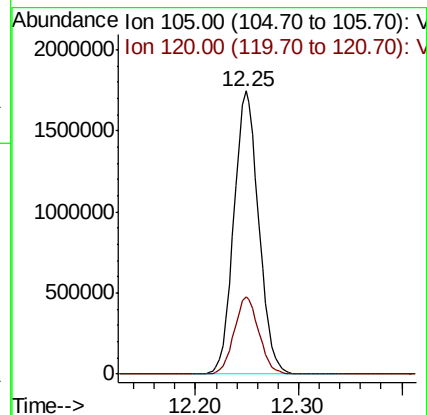
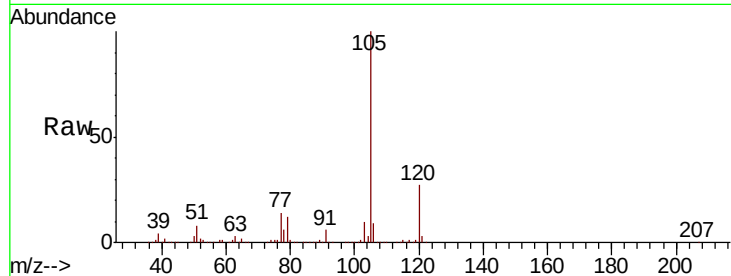
VSTDIC100

Tgt Ion:105 Resp: 2926508

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5



#74

N-ethyl acetate

Concen: 106.350 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Tgt Ion: 43 Resp: 756924

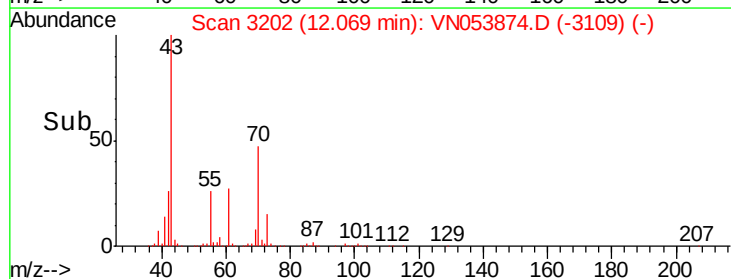
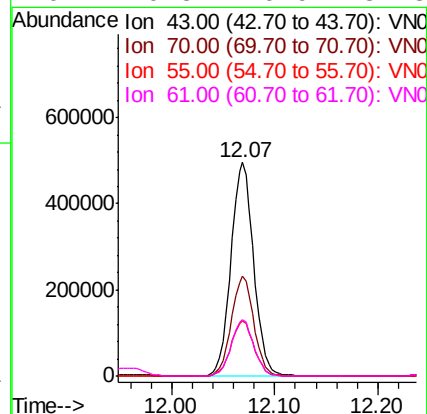
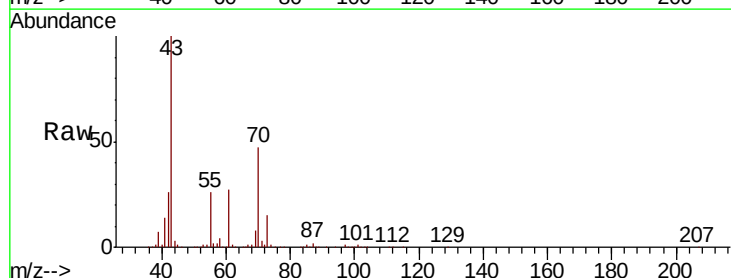
Ion Ratio Lower Upper

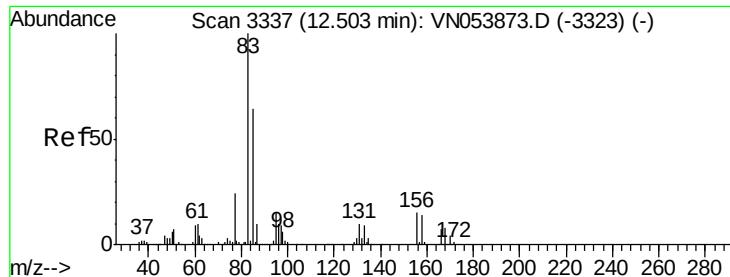
43 100

70 46.6 37.4 56.2

55 26.2 21.4 32.0

61 26.3 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 93.640 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

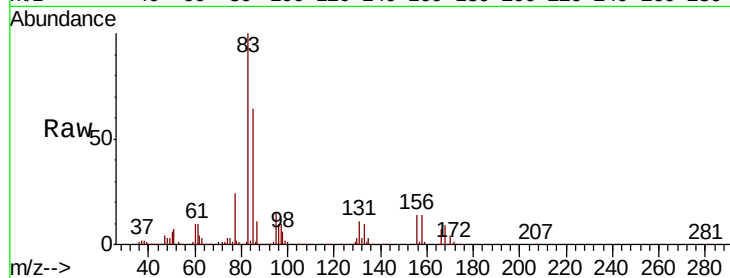
Tgt Ion: 83 Resp: 686143

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

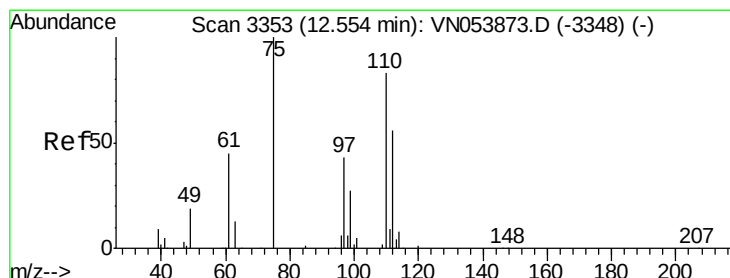
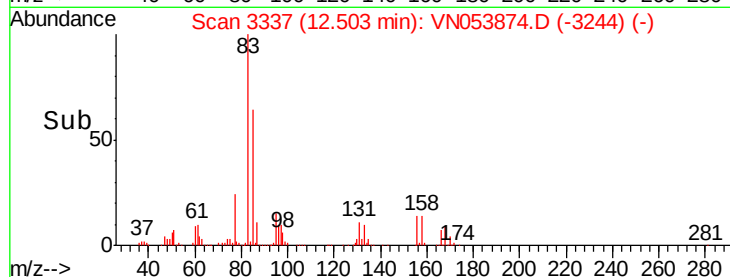
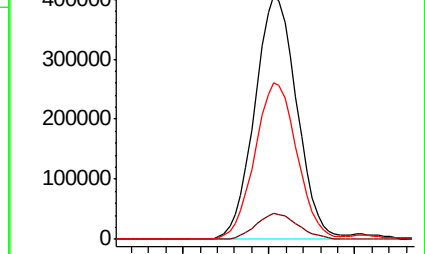
85 64.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN053873.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN053873.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN053873.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 153.016 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN053874.D

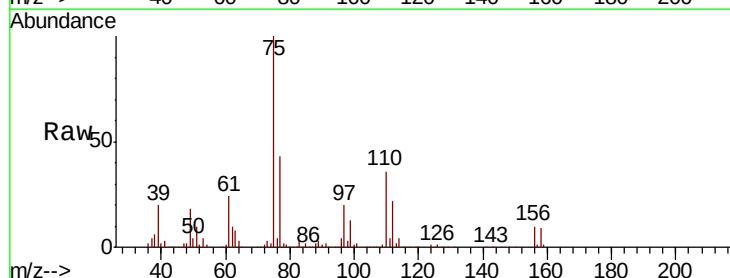
Acq: 20 Feb 2019 10:17

Tgt Ion: 75 Resp: 879398

Ion Ratio Lower Upper

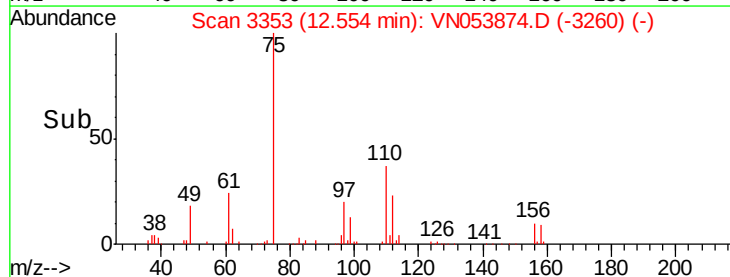
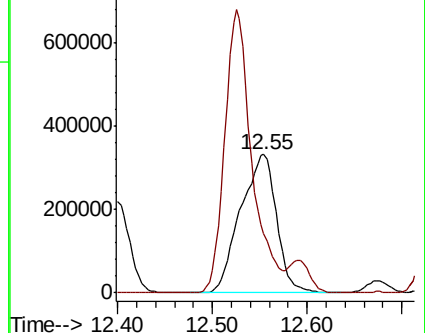
75 100

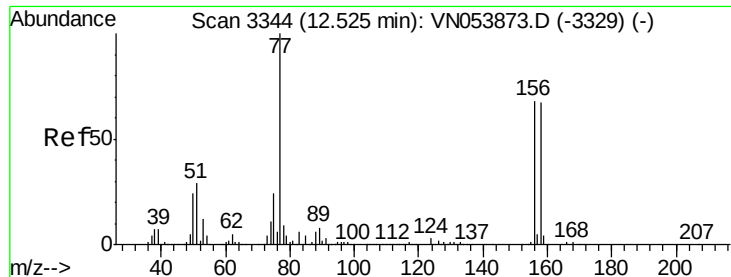
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053873.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN053873.D (-3348) (-)





#77

Bromobenzene

Concen: 95.971 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

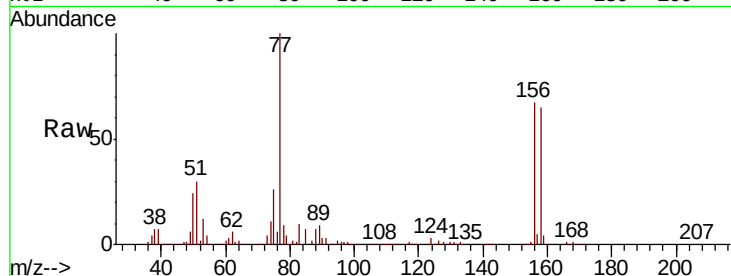
Tgt Ion:156 Resp: 797909

Ion Ratio Lower Upper

156 100

77 169.7 84.0 252.2

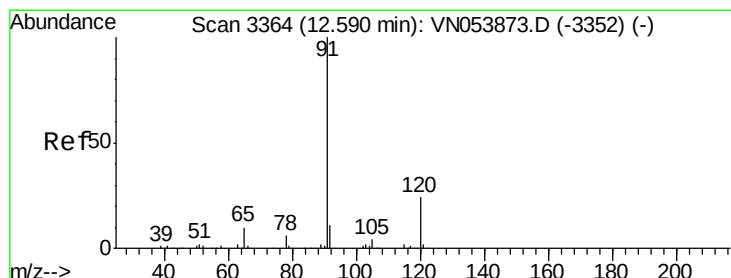
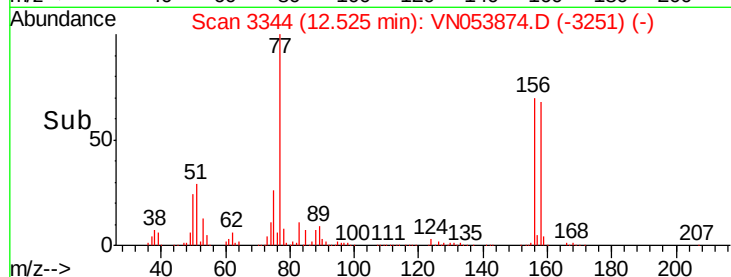
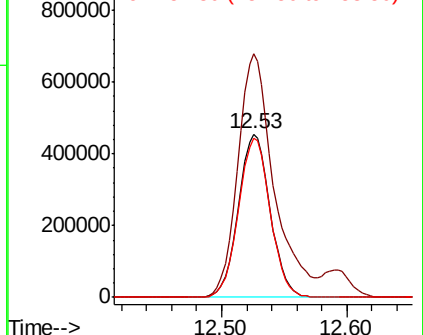
158 97.6 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 98.609 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053874.D

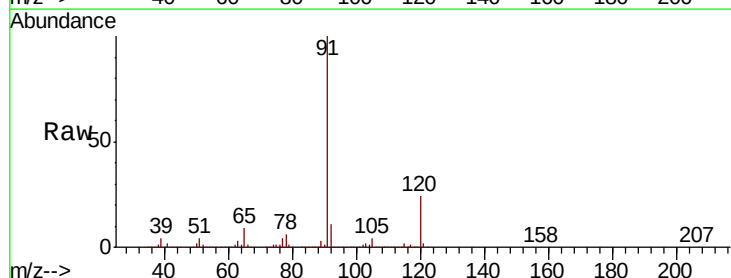
Acq: 20 Feb 2019 10:17

Tgt Ion: 91 Resp: 3417627

Ion Ratio Lower Upper

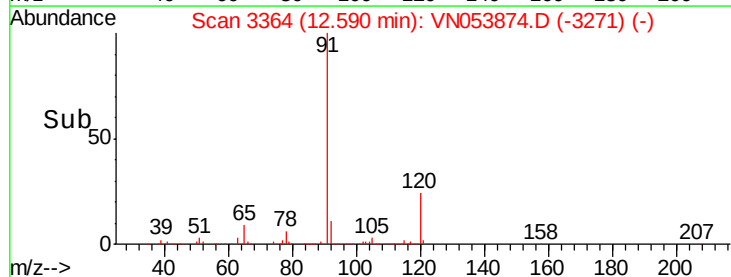
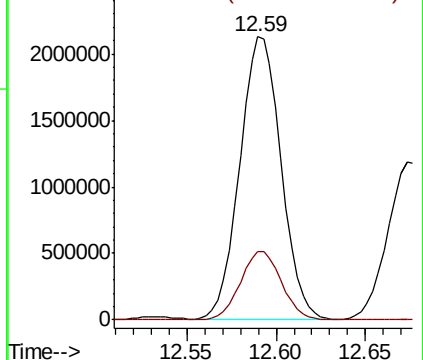
91 100

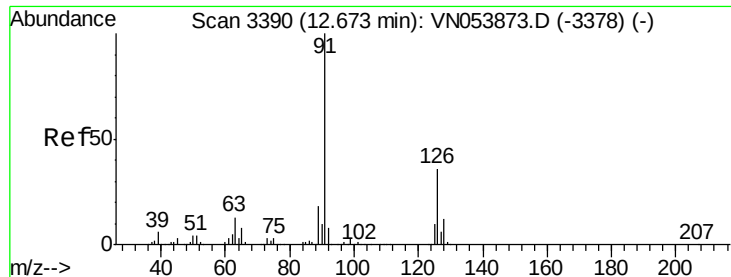
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 95.677 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

MSVOA_N

ClientSampleId :

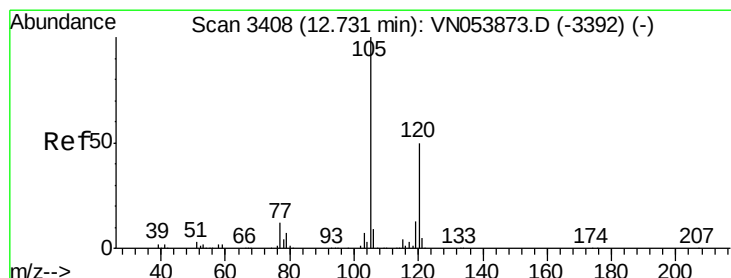
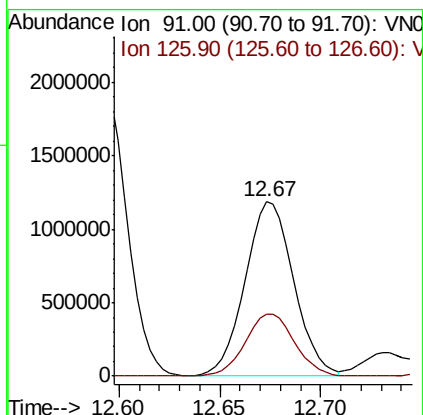
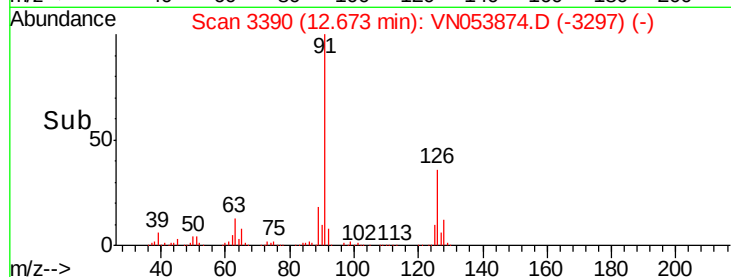
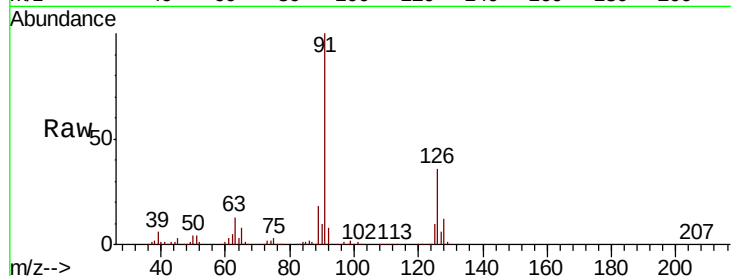
VSTDIC100

Tgt Ion: 91 Resp: 1999426

Ion Ratio Lower Upper

91 100

126 36.4 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 99.015 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN053874.D

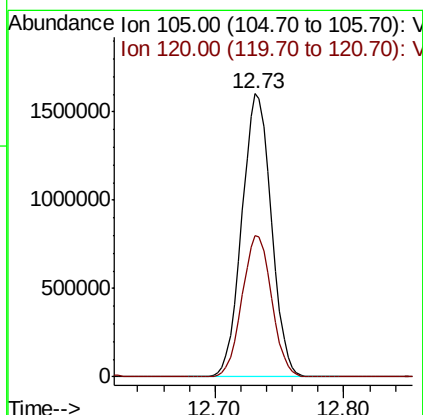
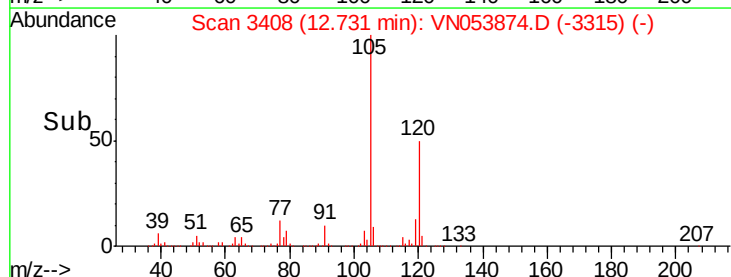
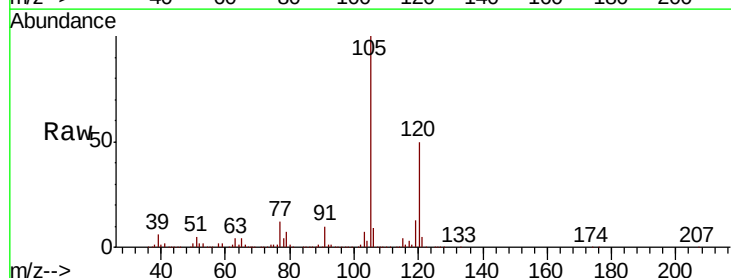
Acq: 20 Feb 2019 10:17

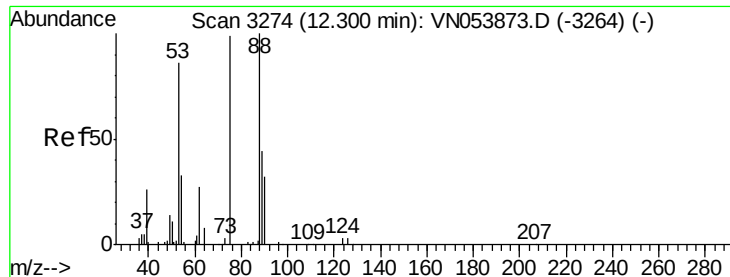
Tgt Ion: 105 Resp: 2547278

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 105.562 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

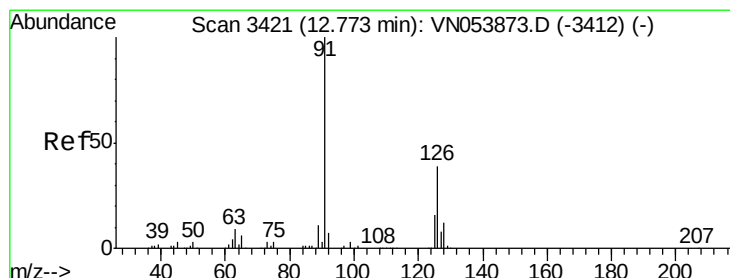
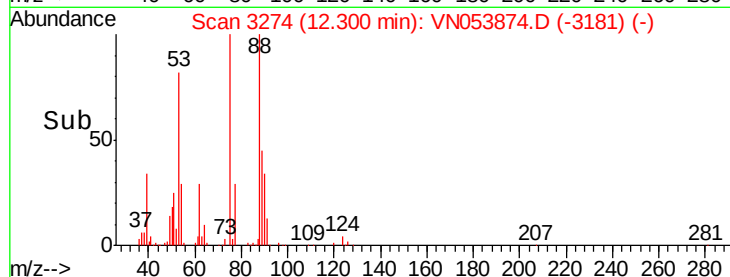
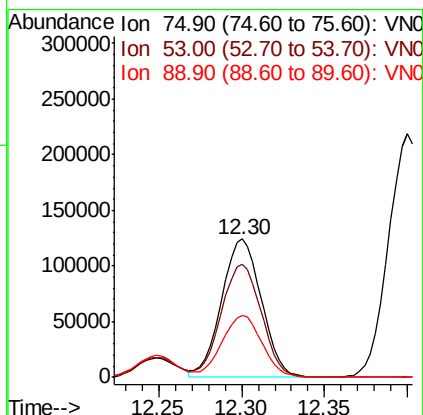
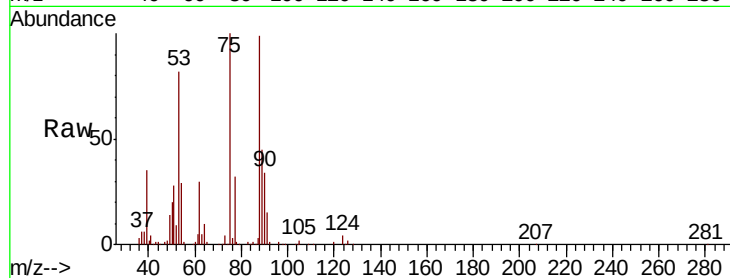
Tgt Ion: 75 Resp: 206512

Ion Ratio Lower Upper

75 100

53 83.5 68.6 102.8

89 45.3 35.3 52.9



#82

4-Chlorotoluene

Concen: 98.216 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN053874.D

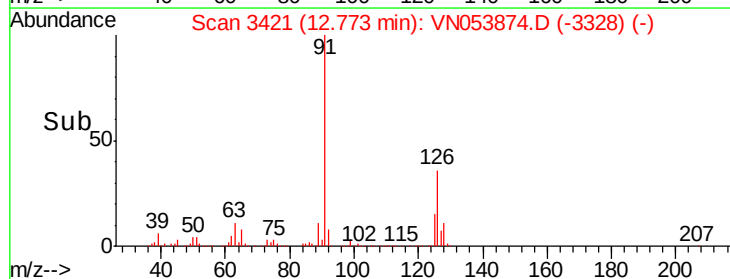
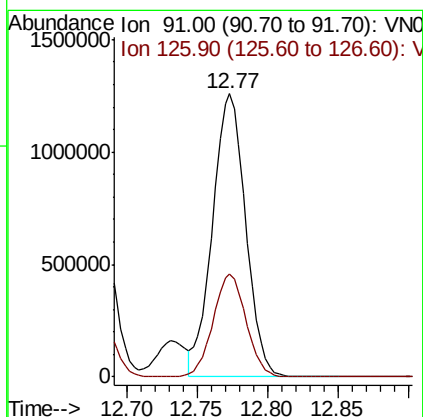
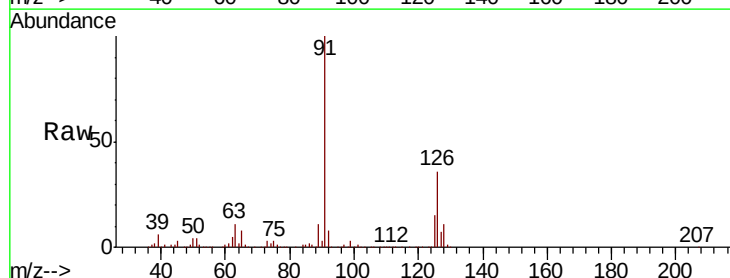
Acq: 20 Feb 2019 10:17

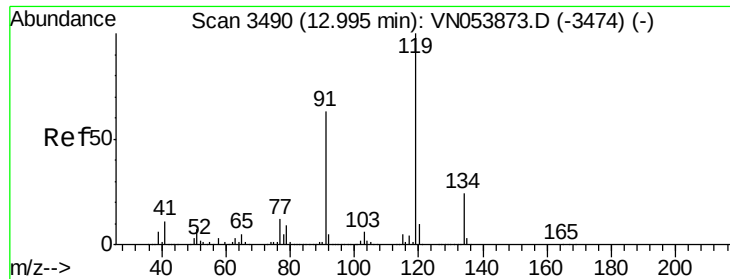
Tgt Ion: 91 Resp: 2044775

Ion Ratio Lower Upper

91 100

126 36.2 18.0 54.0

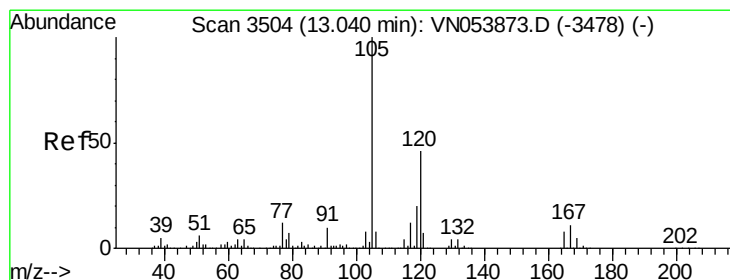
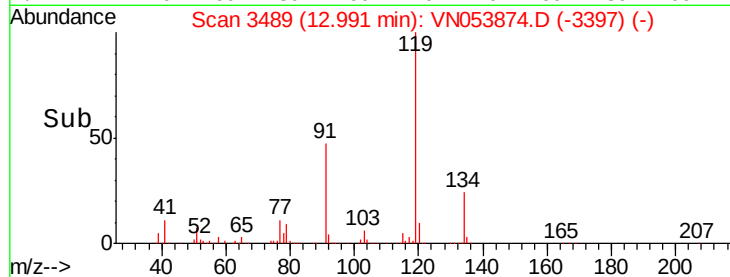
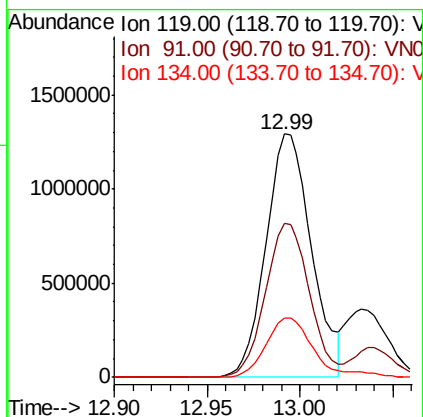
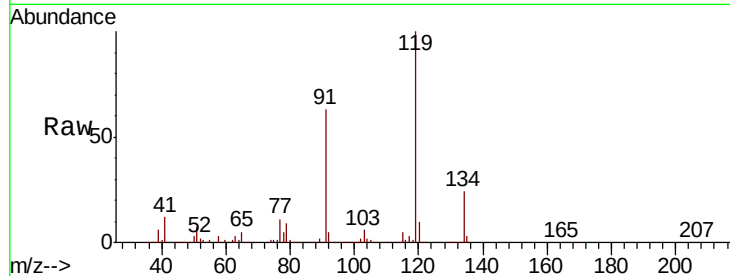




#83
 tert-Butylbenzene
 Concen: 95.897 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

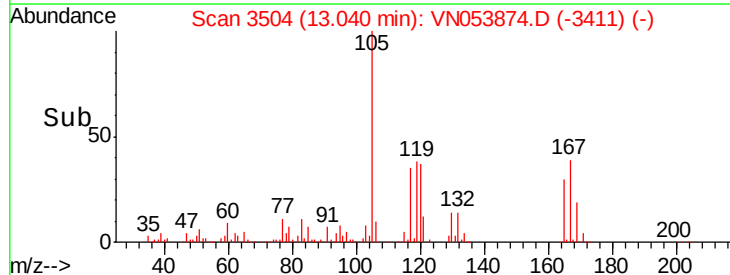
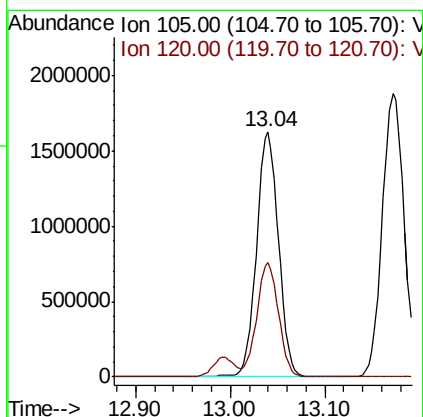
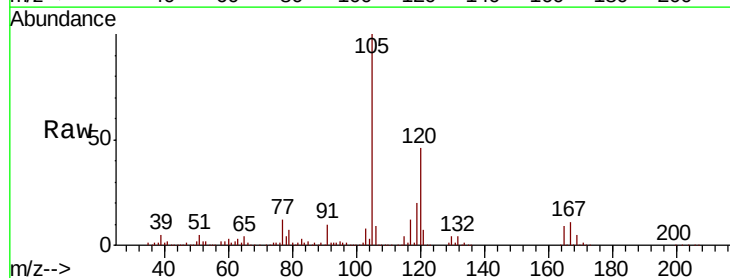
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

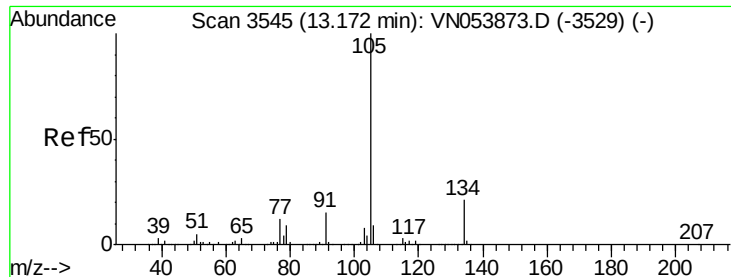
Tgt Ion:119 Resp: 2215264
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.6 91.8
 134 25.9 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 101.040 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

Tgt Ion:105 Resp: 2607067
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.5





#85

sec-Butylbenzene

Concen: 96.440 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

MSVOA_N

ClientSampleId :

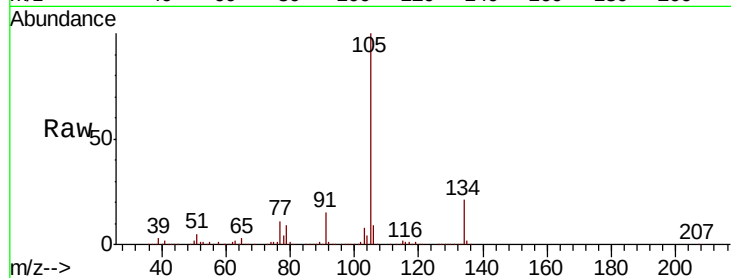
VSTDIC100

Tgt Ion:105 Resp: 2999560

Ion Ratio Lower Upper

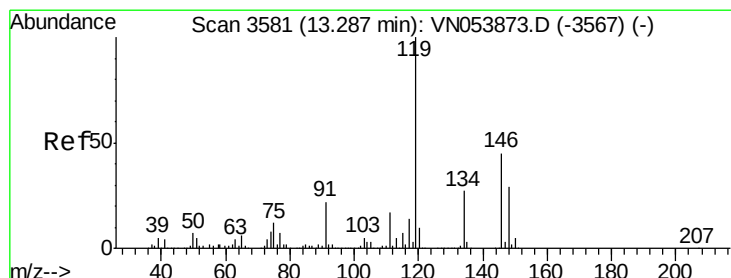
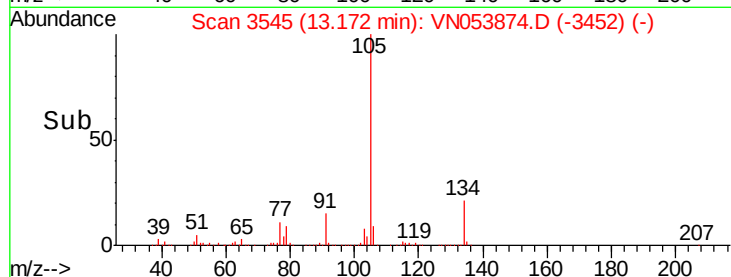
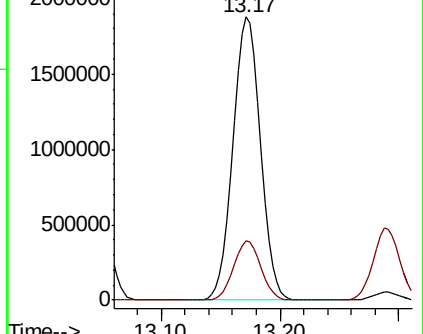
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 100.526 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

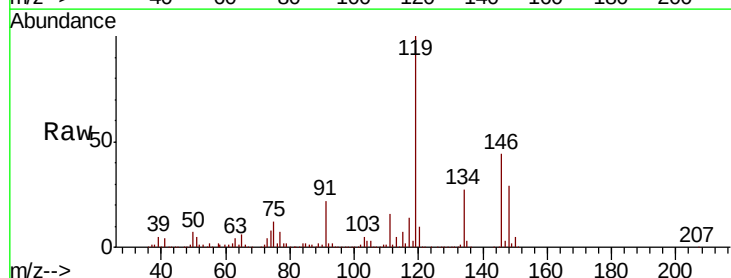
Tgt Ion:119 Resp: 2713574

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

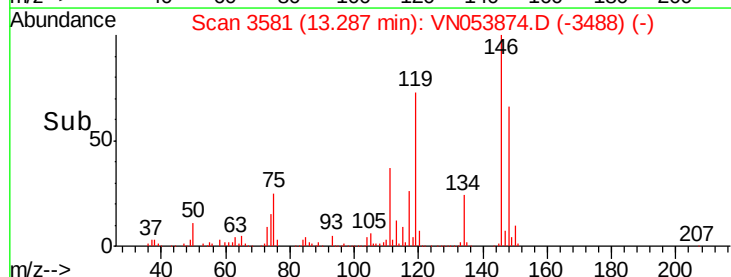
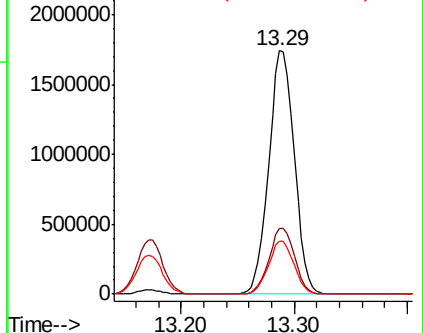
91 21.6 10.9 32.6

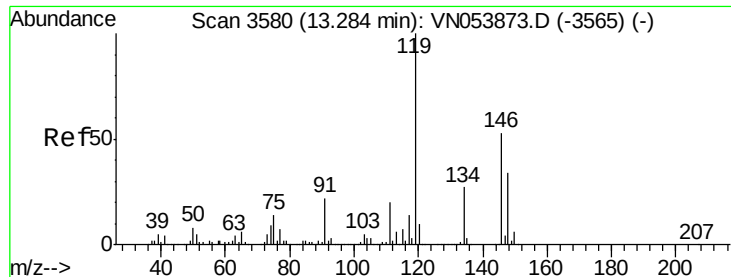


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

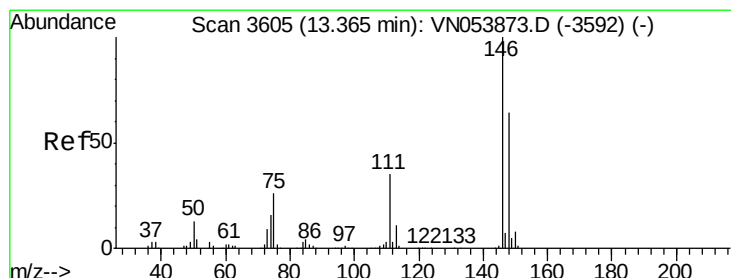
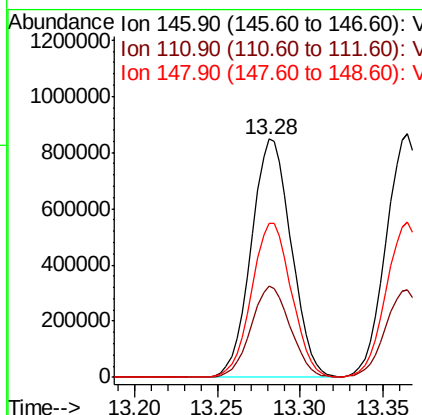
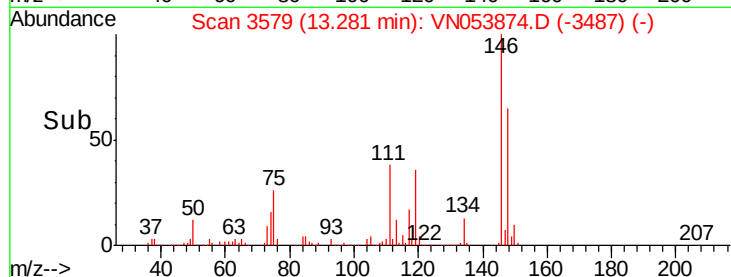
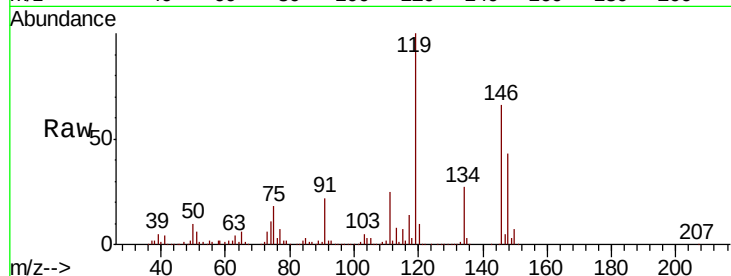




#87
 1,3-Dichlorobenzene
 Concen: 97.868 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

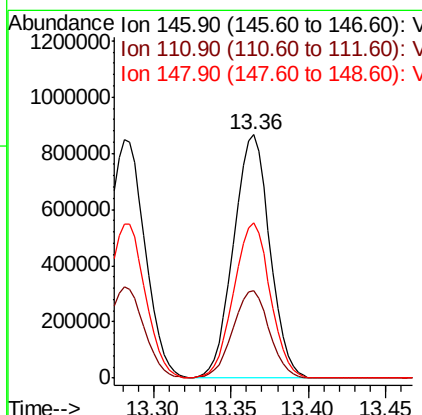
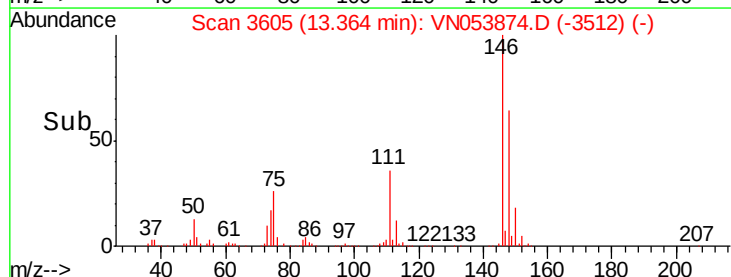
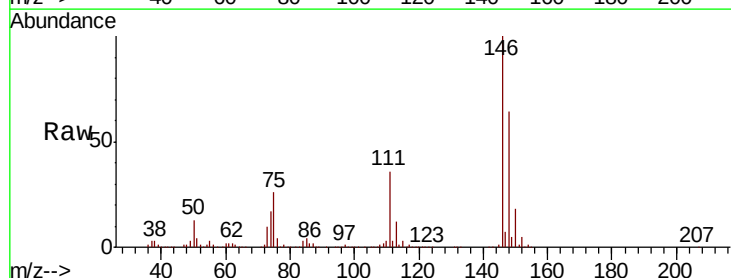
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

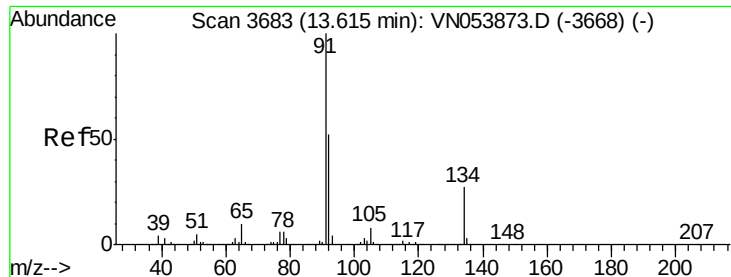
Tgt Ion:146 Resp: 1419891
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.7 56.1
 148 64.7 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 96.608 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

Tgt Ion:146 Resp: 1410273
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.0 54.0
 148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 105.479 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

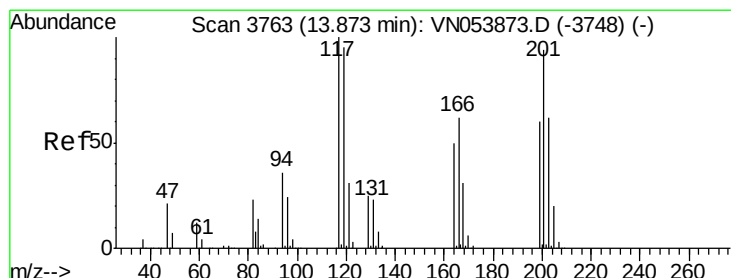
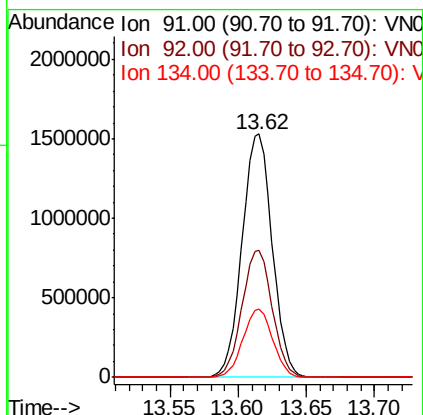
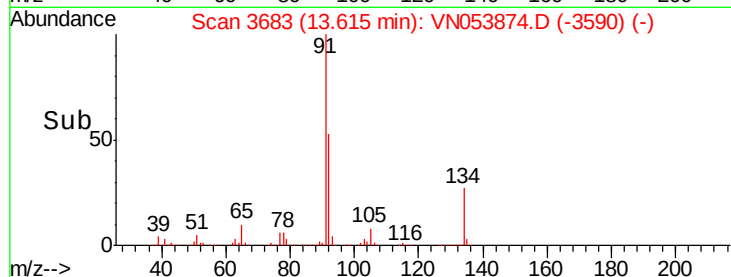
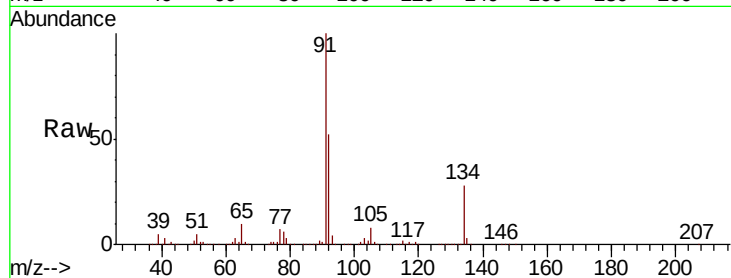
Tgt Ion: 91 Resp: 2341418

Ion Ratio Lower Upper

91 100

92 52.4 26.1 78.2

134 27.9 13.6 40.8



#90

Hexachloroethane

Concen: 91.989 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN053874.D

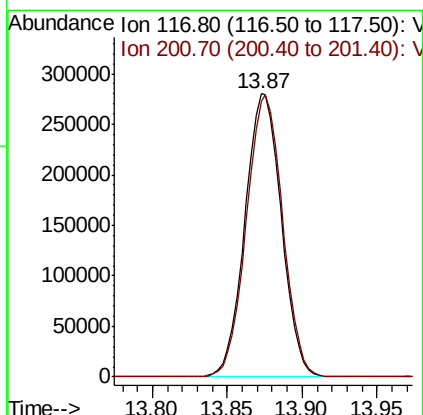
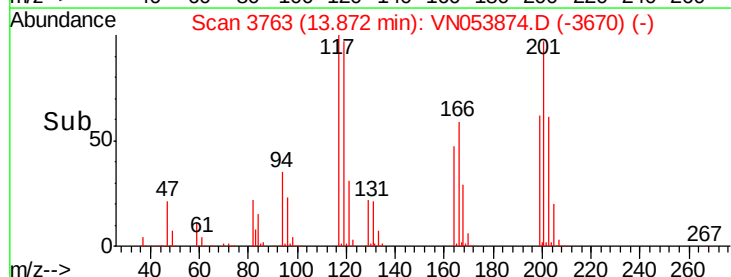
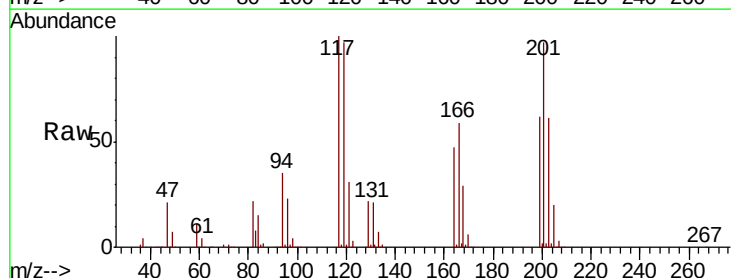
Acq: 20 Feb 2019 10:17

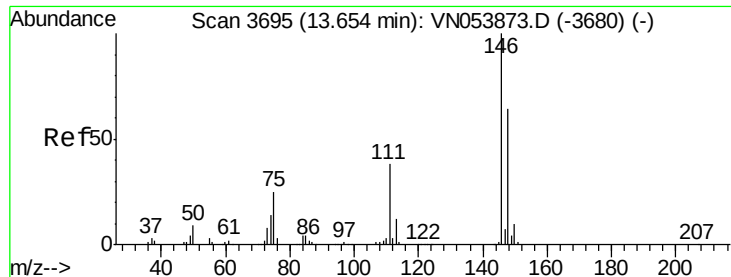
Tgt Ion: 117 Resp: 474377

Ion Ratio Lower Upper

117 100

201 99.1 48.0 144.2

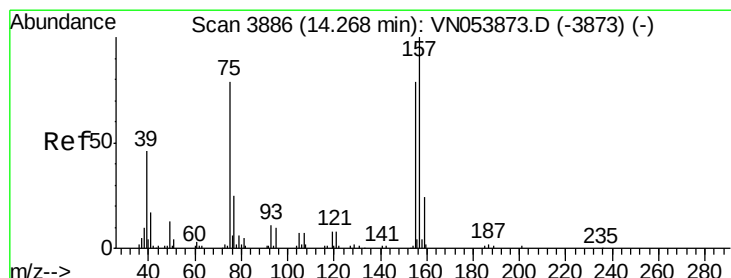
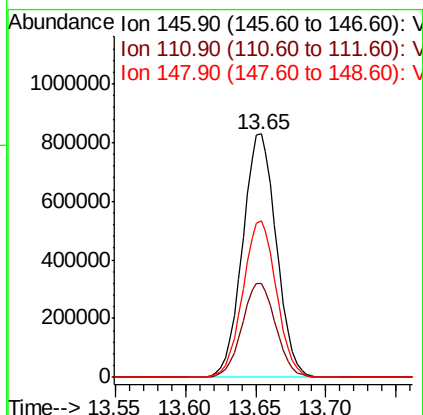
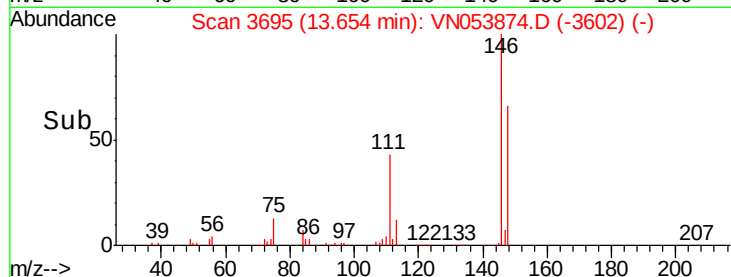
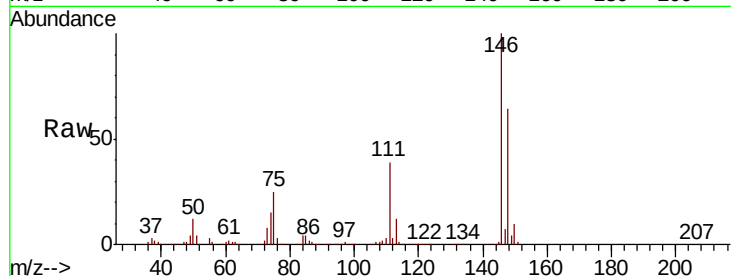




#91
 1,2-Dichlorobenzene
 Concen: 97.623 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

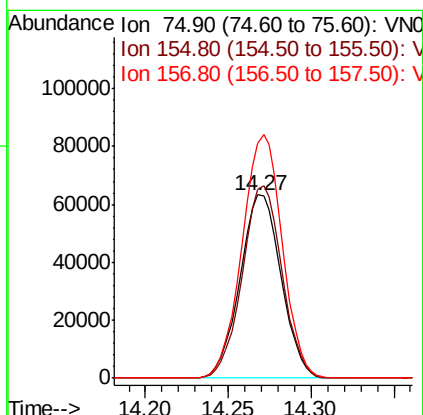
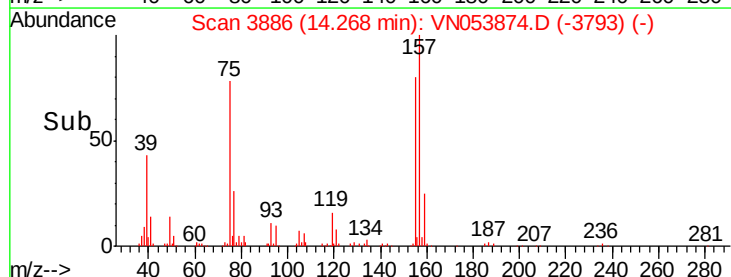
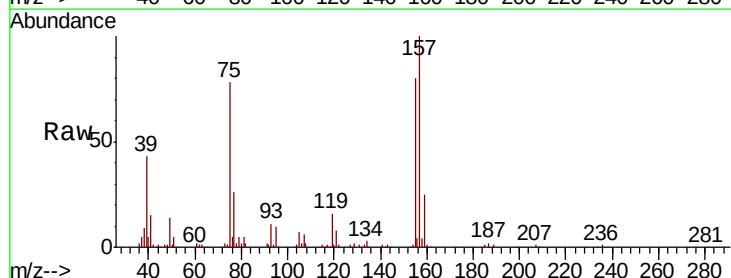
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

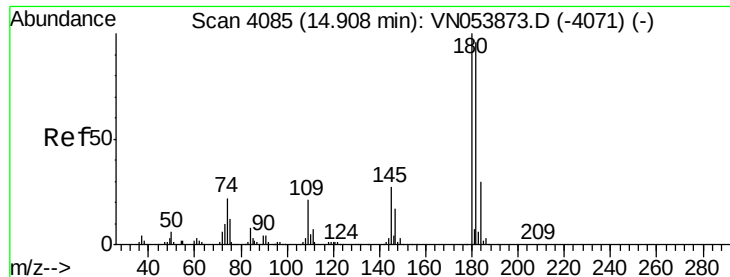
Tgt Ion:146 Resp: 1389551
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.1 57.5
 148 64.0 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 101.983 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

Tgt Ion: 75 Resp: 109045
 Ion Ratio Lower Upper
 75 100
 155 101.4 49.5 148.5
 157 129.8 64.8 194.6

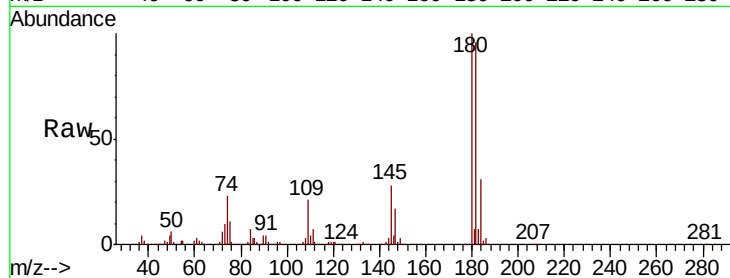




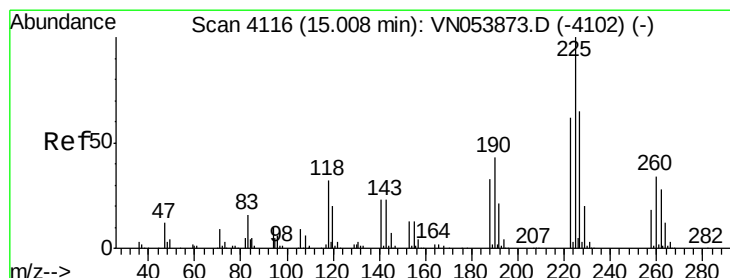
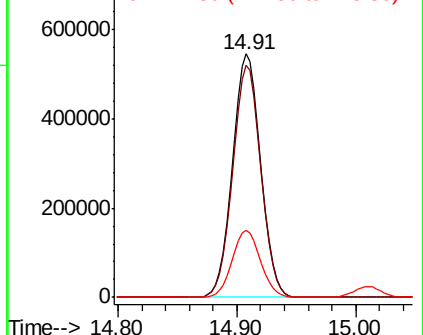
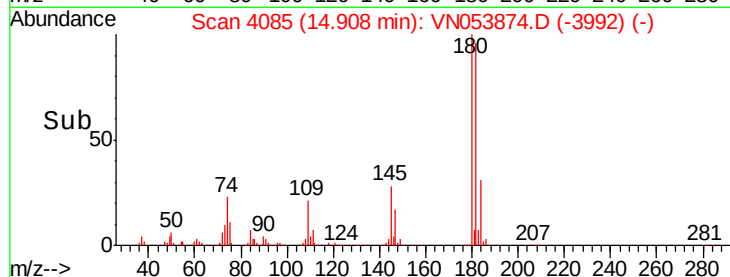
#93
 1,2,4-Trichlorobenzene
 Concen: 122.064 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 891568
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.6 145.9
 145 27.7 13.8 41.3

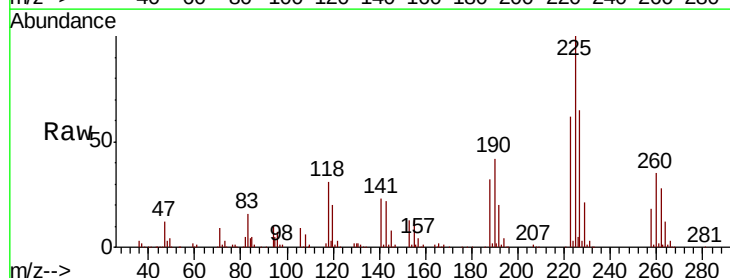


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

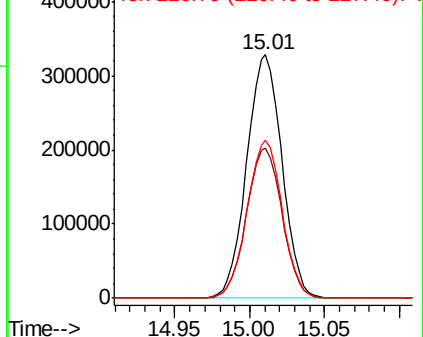
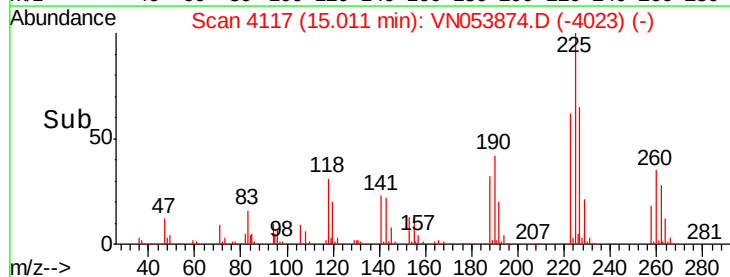


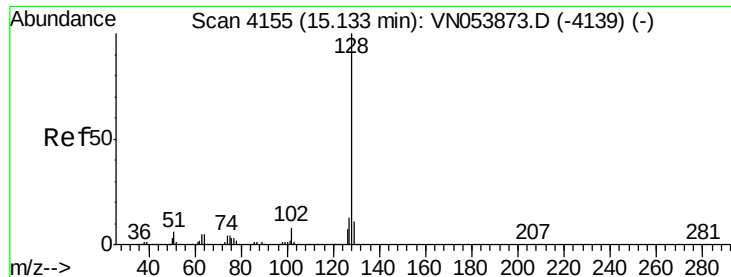
#94
 Hexachlorobutadiene
 Concen: 90.835 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053874.D
 Acq: 20 Feb 2019 10:17

Tgt Ion:225 Resp: 539201
 Ion Ratio Lower Upper
 225 100
 223 62.0 30.9 92.5
 227 64.4 32.5 97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 130.891 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

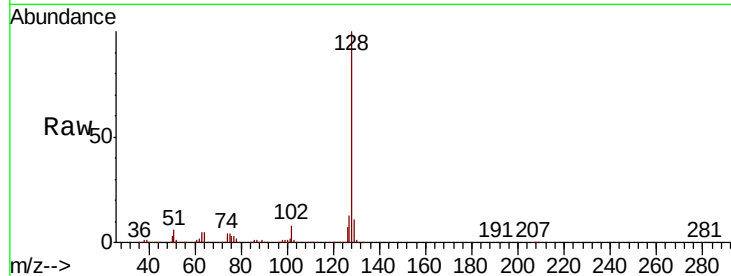
Tgt Ion:128 Resp: 1785546

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

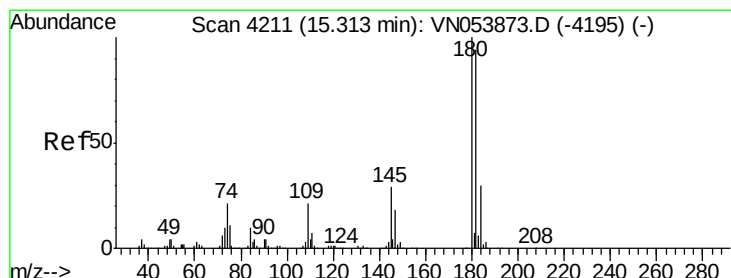
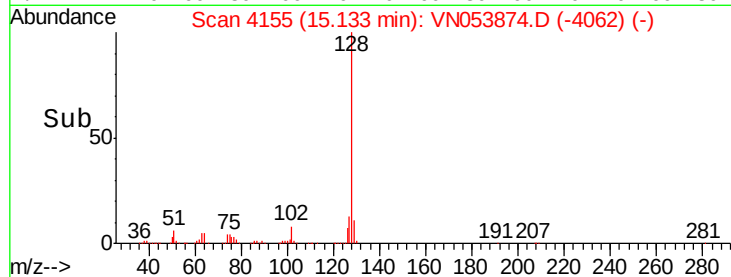
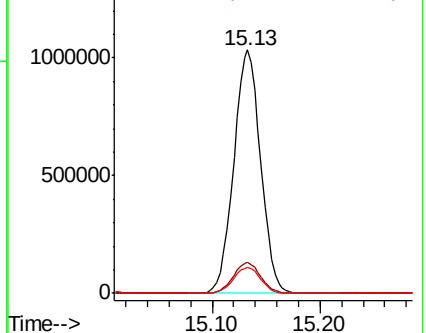
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 117.454 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN053874.D

Acq: 20 Feb 2019 10:17

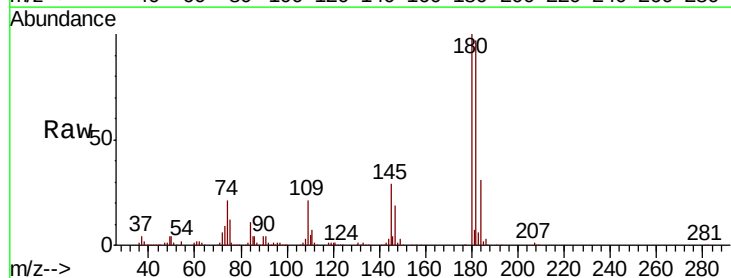
Tgt Ion:180 Resp: 832474

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.8

145 29.0 14.4 43.0



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

