

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051419\
 Data File : VN055590.D
 Acq On : 14 May 2019 13:12
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: May 15 06:54:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051419W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 06:47:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	750036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1266154	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1126699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	495459	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	1013069	90.40	ug/l	0.00
Spiked Amount			Recovery	=	180.80%	
35) Dibromofluoromethane	7.59	113	807250	98.72	ug/l	0.00
Spiked Amount			Recovery	=	197.44%	
50) Toluene-d8	10.09	98	3215872	101.06	ug/l	0.00
Spiked Amount			Recovery	=	202.12%	
62) 4-Bromofluorobenzene	12.40	95	1101963	103.70	ug/l	0.00
Spiked Amount			Recovery	=	207.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	684223	89.348	ug/l	99
3) Chloromethane	2.06	50	1065072	86.451	ug/l	99
4) Vinyl Chloride	2.18	62	1051974	89.801	ug/l	100
5) Bromomethane	2.53	94	607834	93.855	ug/l	100
6) Chloroethane	2.68	64	638833	92.777	ug/l	99
7) Trichlorofluoromethane	3.01	101	1172935	91.176	ug/l	99
8) Diethyl Ether	3.41	74	528179	91.430	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	733689	89.592	ug/l	98
10) Methyl Iodide	3.94	142	1107036	100.569	ug/l	99
11) Tert butyl alcohol	4.81	59	672775	420.237	ug/l	98
12) 1,1-Dichloroethene	3.72	96	772195	94.019	ug/l	98
13) Acrolein	3.60	56	639724	554.852	ug/l	99
14) Allyl chloride	4.31	41	1518014	91.408	ug/l	99
15) Acrylonitrile	4.99	53	2178040	431.106	ug/l	99
16) Acetone	3.82	43	2126072	411.716	ug/l	100
17) Carbon Disulfide	4.04	76	2257385	100.112	ug/l	100
18) Methyl Acetate	4.33	43	877577	69.548	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	2467671	91.463	ug/l	99
20) Methylene Chloride	4.54	84	923594	86.816	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	835244	93.654	ug/l	96
22) Diisopropyl ether	5.95	45	3072929	91.188	ug/l	98
23) Vinyl Acetate	5.90	43	12415640	478.740	ug/l	100
24) 1,1-Dichloroethane	5.84	63	1650165	89.985	ug/l	99
25) 2-Butanone	6.84	43	3059404	435.045	ug/l	99
26) 2,2-Dichloropropane	6.82	77	1072329	93.923	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	962980	93.927	ug/l	98
28) Bromochloromethane	7.19	49	810710	86.419	ug/l	100
29) Tetrahydrofuran	7.21	42	1935833	416.030	ug/l	99
30) Chloroform	7.37	83	1533535	90.573	ug/l	99
31) Cyclohexane	7.65	56	1592506	87.715	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	1220828	94.359	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1218680	98.220	ug/l	100
37) Ethyl Acetate	6.93	43	1170922	88.231	ug/l	99
38) Carbon Tetrachloride	7.77	117	1020892	97.161	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1440257	95.268	ug/l	98
40) Benzene	8.04	78	3724190	96.820	ug/l	100
41) Methacrylonitrile	7.17	41	555159	90.365	ug/l	94
42) 1,2-Dichloroethane	8.12	62	1210673	89.913	ug/l	100
43) Isopropyl Acetate	8.17	43	1904932	94.779	ug/l #	90
44) Trichloroethene	8.83	130	891593	96.740	ug/l	100
45) 1,2-Dichloropropane	9.12	63	1023830	93.231	ug/l	98
46) Dibromomethane	9.21	93	598169	94.044	ug/l	99
47) Bromodichloromethane	9.40	83	1200774	98.271	ug/l	98
48) Methyl methacrylate	9.20	41	929456	95.692	ug/l	98
49) 1,4-Dioxane	9.20	88	341113	1813.742	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	5926395	450.492	ug/l	100
52) Toluene	10.16	92	2210338	100.393	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1288359	110.301	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1495407	106.795	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	856365	96.209	ug/l	98
56) Ethyl methacrylate	10.43	69	1358028	103.631	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1519998	96.518	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1983026	549.066	ug/l	99
59) 2-Hexanone	10.75	43	4111448	446.314	ug/l	100
60) Dibromochloromethane	10.90	129	855188	105.601	ug/l	100
61) 1,2-Dibromoethane	11.00	107	860144	100.864	ug/l	99
64) Tetrachloroethene	10.63	164	816372	88.617	ug/l	99
65) Chlorobenzene	11.43	112	2275069	98.343	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	799674	100.086	ug/l	100
67) Ethyl Benzene	11.51	91	4224987	97.748	ug/l	100
68) m/p-Xylenes	11.62	106	3101682	199.398	ug/l	100
69) o-Xylene	11.95	106	1502840	98.435	ug/l	100
70) Styrene	11.96	104	2593867	106.309	ug/l	100
71) Bromoform	12.13	173	582849	108.925	ug/l #	100
73) Isopropylbenzene	12.25	105	3969893	81.992	ug/l	100
74) N-amyl acetate	12.07	43	1620268	88.242	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	1211432	77.184	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1482235	111.775	ug/l #	100
77) Bromobenzene	12.53	156	942669	86.367	ug/l	99
78) n-propylbenzene	12.59	91	4593897	86.930	ug/l	100
79) 2-Chlorotoluene	12.67	91	2743036	83.412	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3388790	86.125	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	332262	92.863	ug/l	96
82) 4-Chlorotoluene	12.77	91	2765925	88.948	ug/l	100
83) tert-Butylbenzene	12.99	119	2766474	82.119	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3346534	92.767	ug/l	100
85) sec-Butylbenzene	13.17	105	3741966	83.689	ug/l	100
86) p-Isopropyltoluene	13.29	119	3300037	90.703	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1631749	97.107	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1590679	95.807	ug/l	100
89) n-Butylbenzene	13.61	91	2816734	100.879	ug/l	100
90) Hexachloroethane	13.87	117	532615	89.622	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1586024	94.321	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	199400	89.561	ug/l	99

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ClientSampleId :
VSTDICC100

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Quant Title : SW846 8260
QLast Update : Wed May 15 06:47:21 2019
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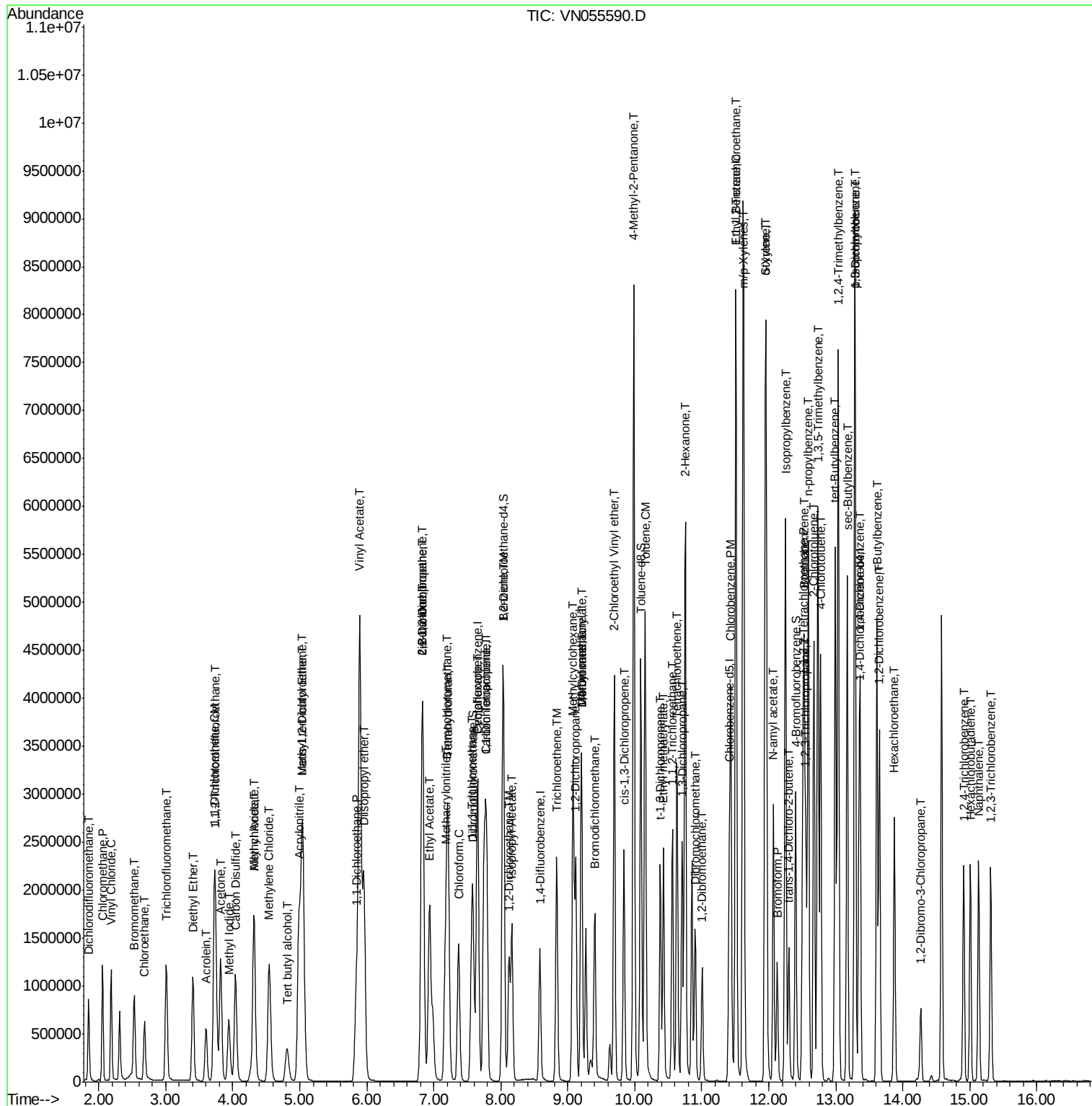
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	739834	130.092	ug/l	99
94) Hexachlorobutadiene	15.01	225	455595	75.643	ug/l	99
95) Naphthalene	15.13	128	1967062	118.371	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	777251	116.573	ug/l	99

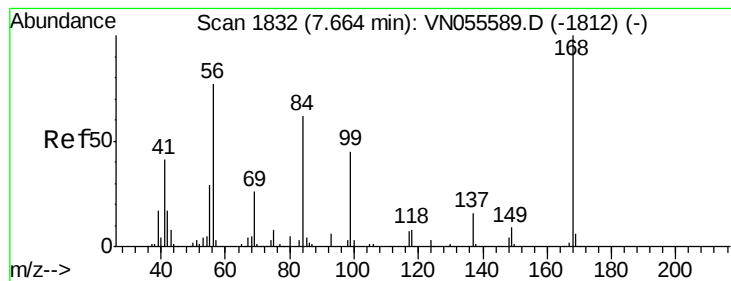
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051419\
Data File : VN055590.D
Acq On : 14 May 2019 13:12
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Sample : VSTDICC100
Misc : 5.00mL/MSVOA N/WATER
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MSVOA_N
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Quant Time: May 15 06:54:54 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

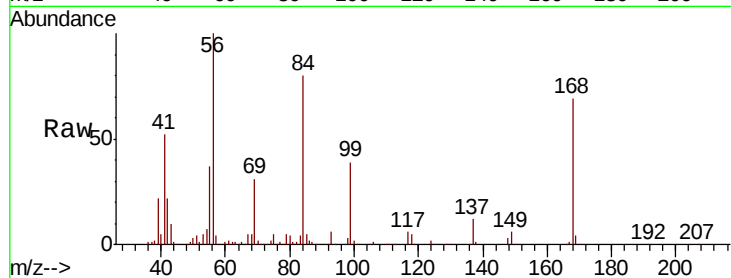
VSTDIC100

Tot Ion:168 Resp: 750036

Ion Ratio Lower Upper

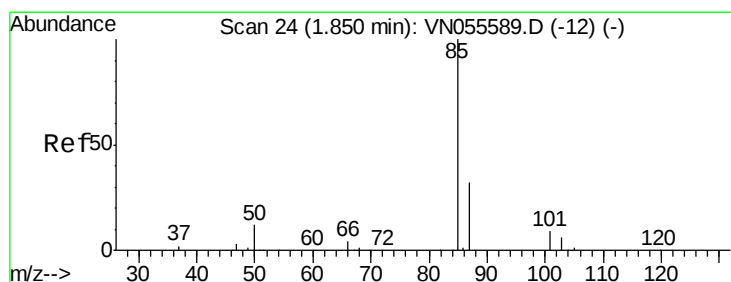
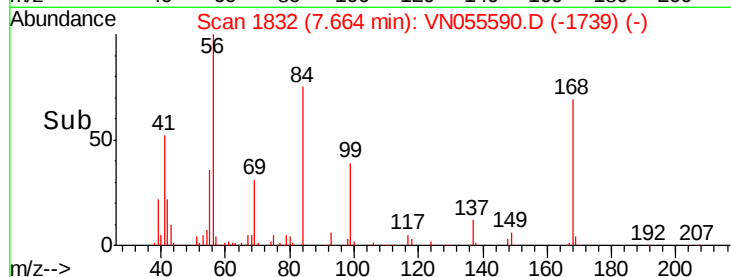
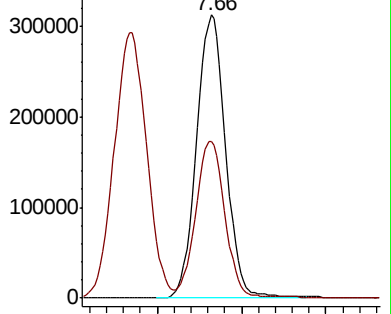
168 100

99 55.3 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 89.348 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN055590.D

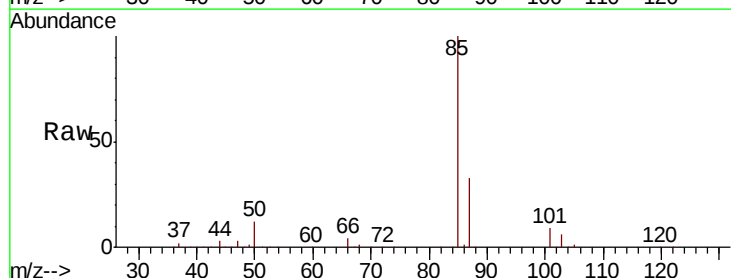
Acq: 14 May 2019 13:12

Tgt Ion: 85 Resp: 684223

Ion Ratio Lower Upper

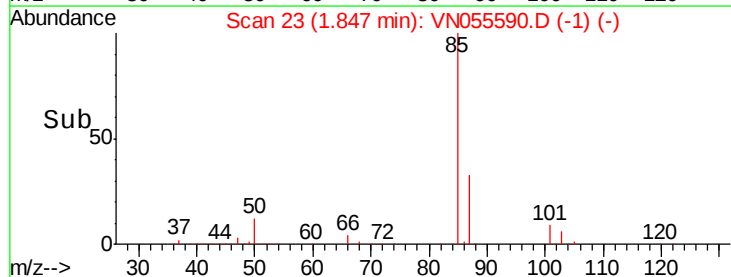
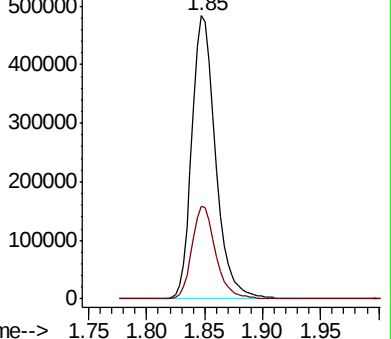
85 100

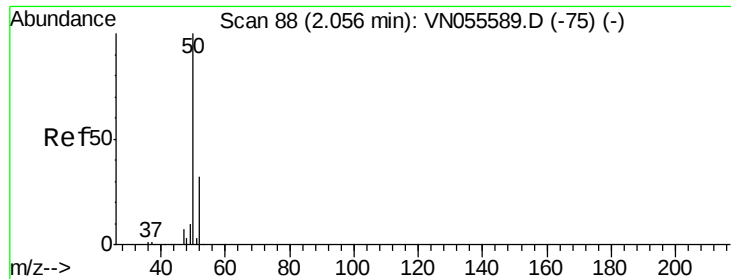
87 32.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 86.451 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

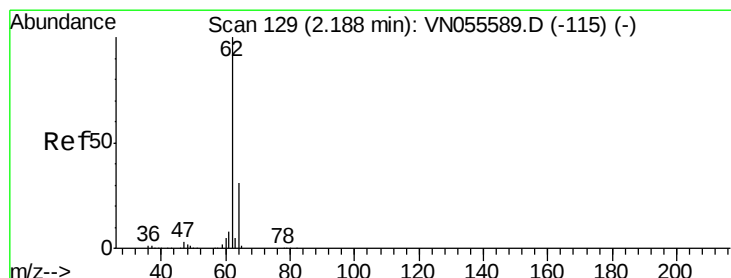
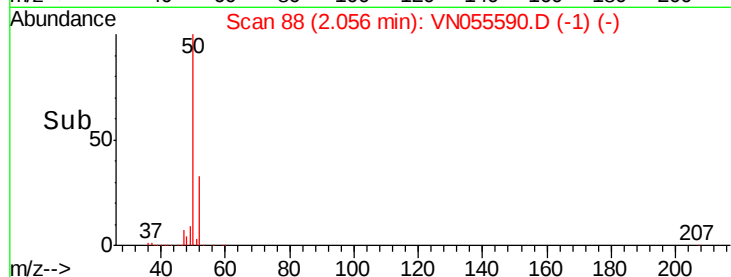
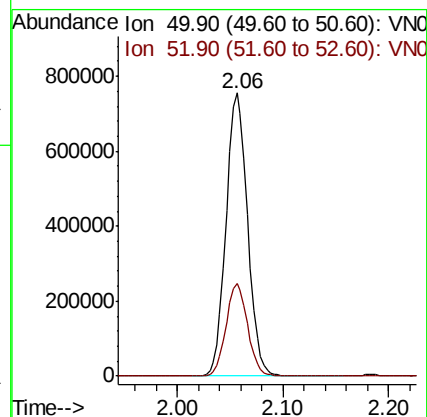
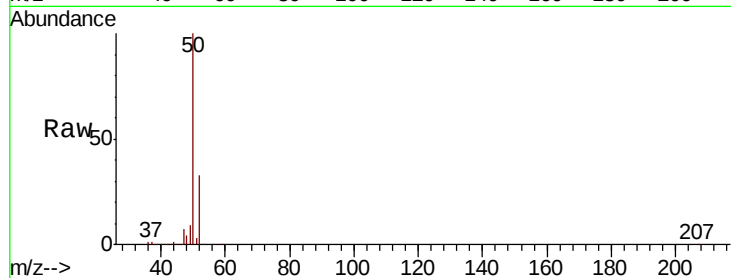
VSTDIC100

Tot Ion: 50 Resp: 1065072

Ion Ratio Lower Upper

50 100

52 32.6 25.5 38.3



#4

Vinyl Chloride

Concen: 89.801 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN055590.D

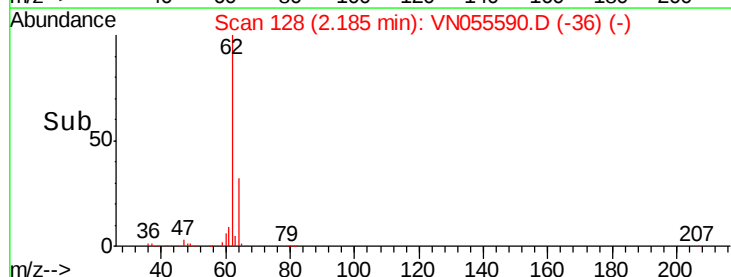
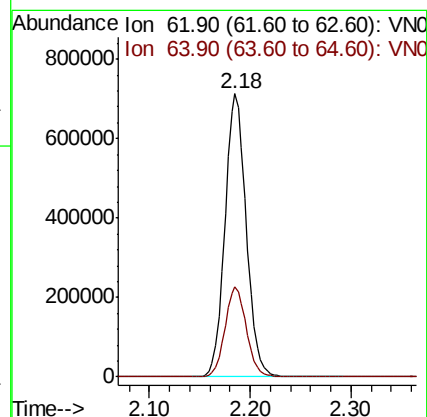
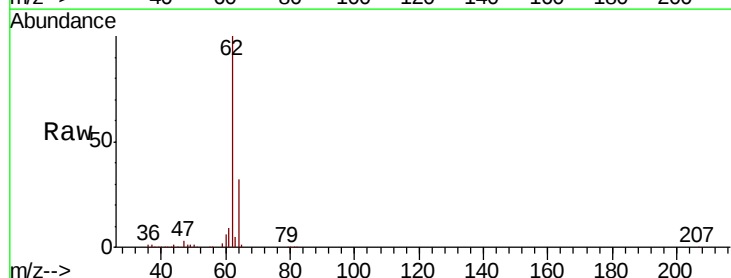
Acq: 14 May 2019 13:12

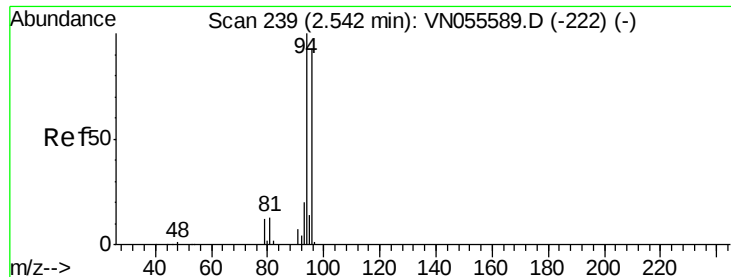
Tgt Ion: 62 Resp: 1051974

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7





#5

Bromomethane

Concen: 93.855 ug/l

RT: 2.53 min Scan# 235

Delta R.T. -0.01 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

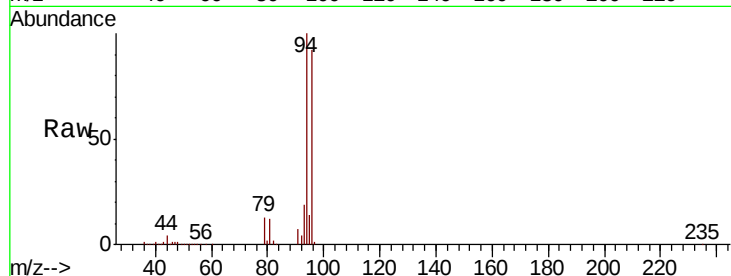
VSTDIC100

Tot Ion: 94 Resp: 607834

Ion Ratio Lower Upper

94 100

96 92.0 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN055590.D (-146) (-)

Ion 95.90 (95.60 to 96.60): VN055590.D (-146) (-)

2.53

300000

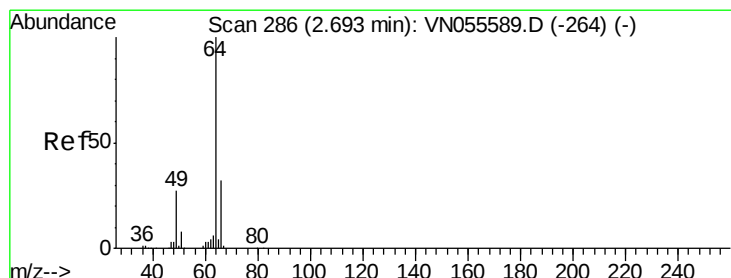
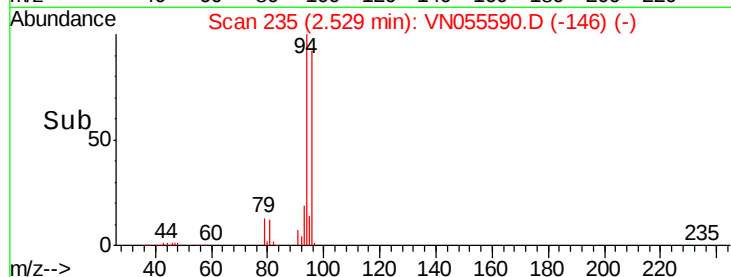
200000

100000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 92.777 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.01 min

Lab File: VN055590.D

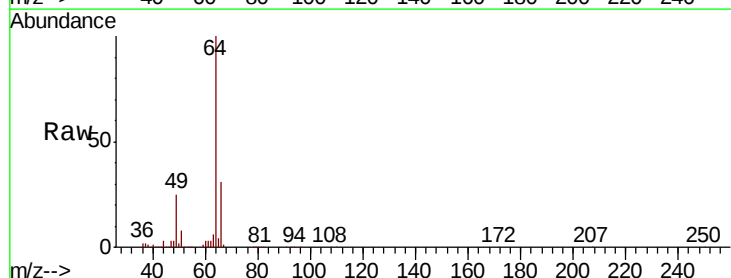
Acq: 14 May 2019 13:12

Tgt Ion: 64 Resp: 638833

Ion Ratio Lower Upper

64 100

66 31.5 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN055590.D (-193) (-)

Ion 65.90 (65.60 to 66.60): VN055590.D (-193) (-)

2.68

300000

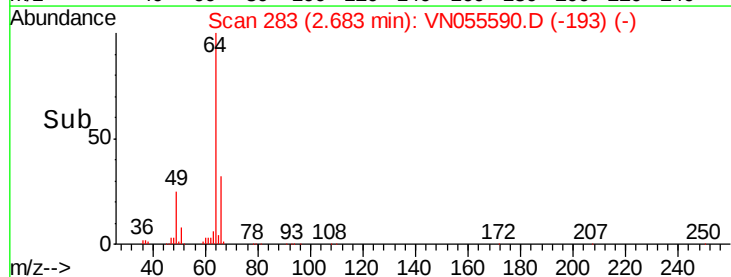
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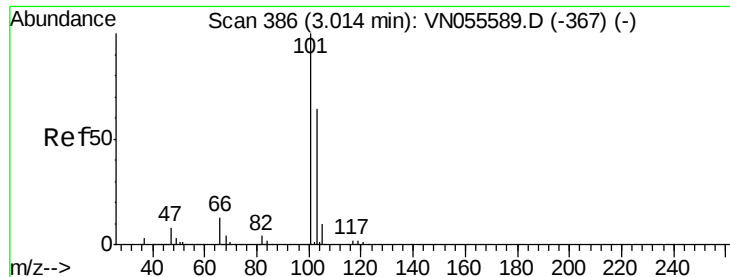
100000

0

Time-->

2.60 2.70 2.80



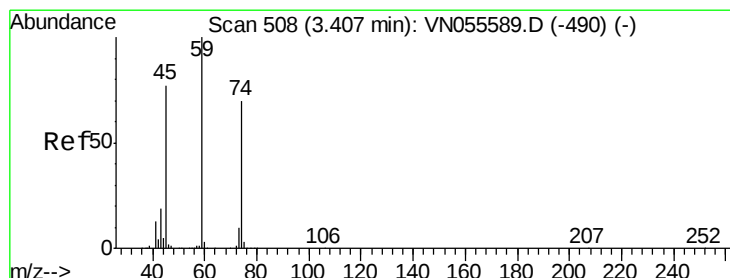
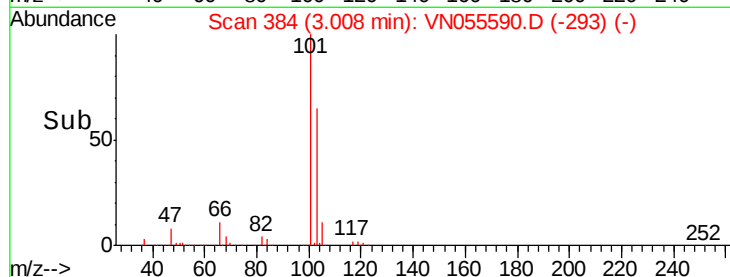
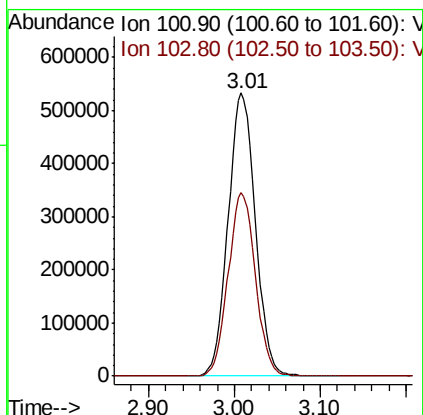
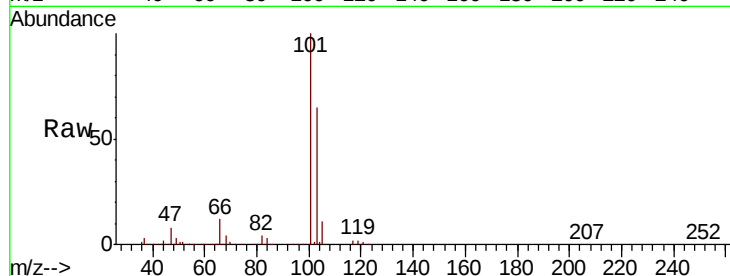


#7

Trichlorofluoromethane
 Concen: 91.176 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. -0.01 min
 Lab File: VN055590.D
 Acq: 14 May 2019 13:12

Instrument :
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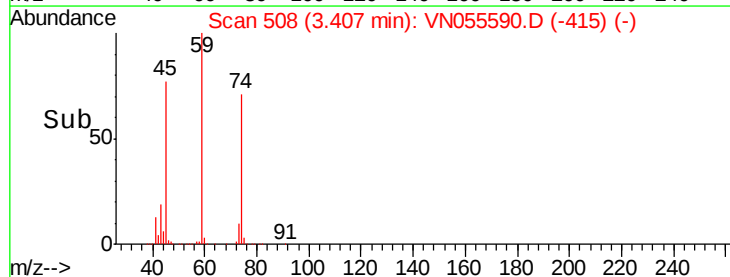
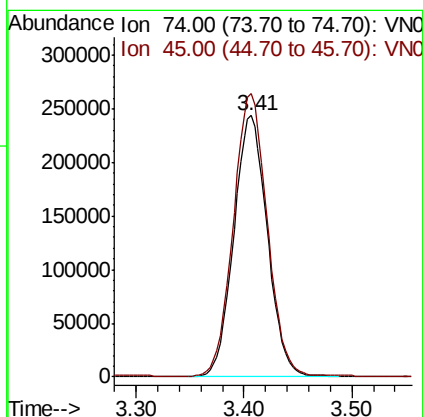
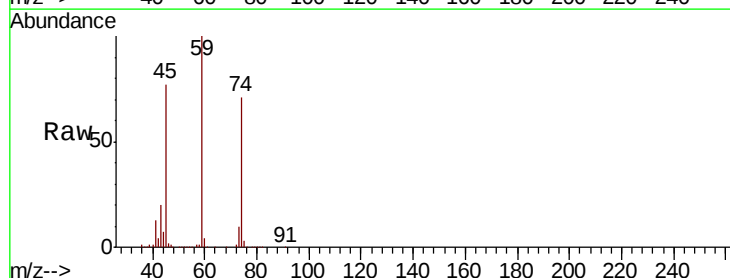
Tot Ion:101 Resp: 1172935
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.0 76.6

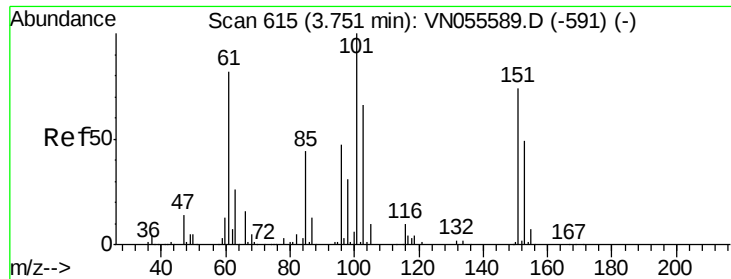


#8

Diethyl Ether
 Concen: 91.430 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN055590.D
 Acq: 14 May 2019 13:12

Tgt Ion: 74 Resp: 528179
 Ion Ratio Lower Upper
 74 100
 45 109.0 54.9 164.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 89.592 ug/l

RT: 3.74 min Scan# 613

Delta R.T. -0.01 min

Lab File: VN055590.D

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Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

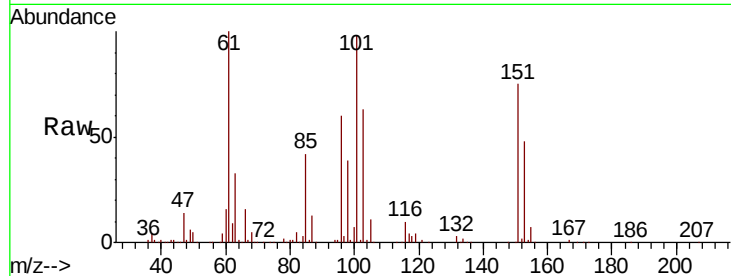
Tot Ion:101 Resp: 733689

Ion Ratio Lower Upper

101 100

85 43.7 34.2 51.2

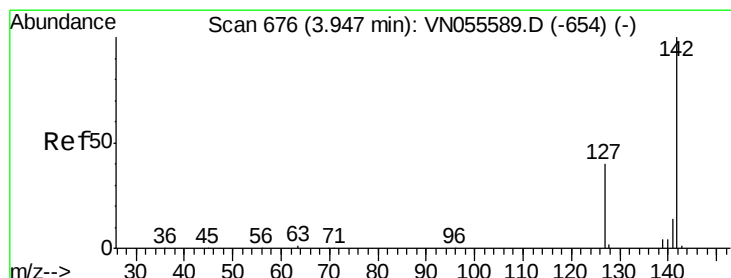
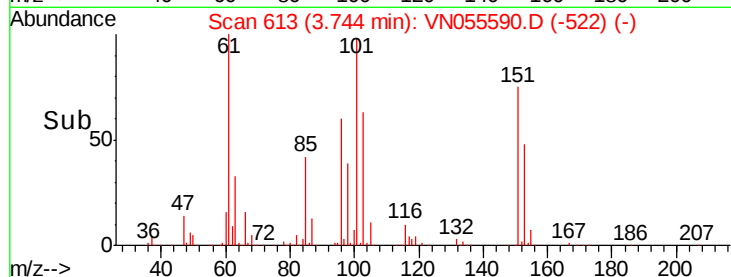
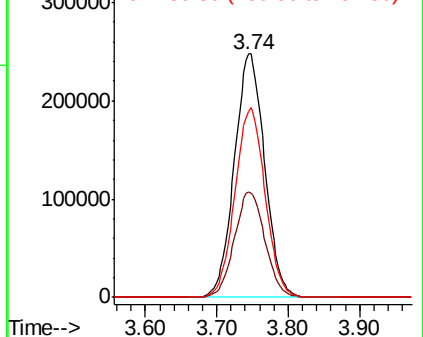
151 77.4 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 100.569 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

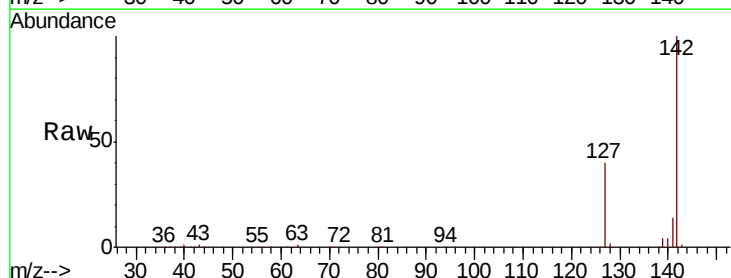
Tgt Ion:142 Resp: 1107036

Ion Ratio Lower Upper

142 100

127 40.0 32.5 48.7

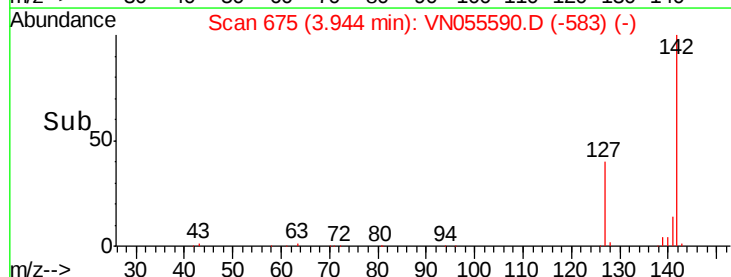
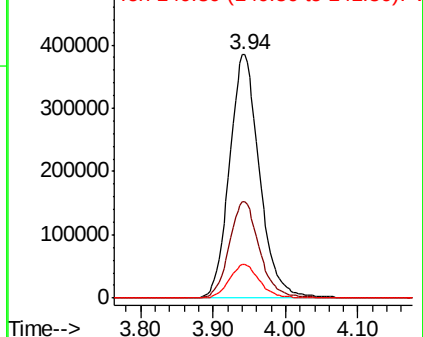
141 13.9 11.2 16.8

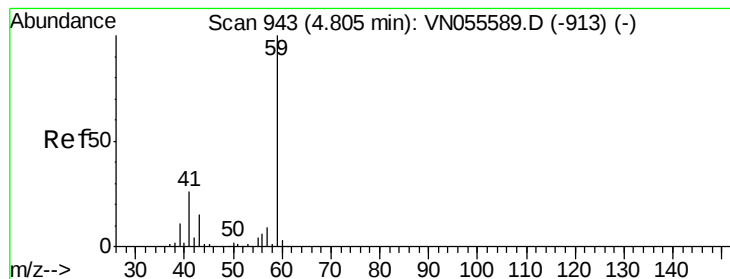


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



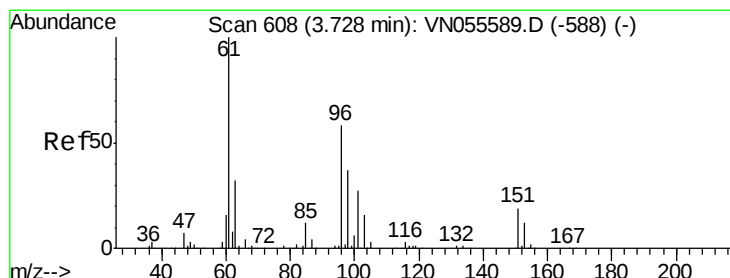
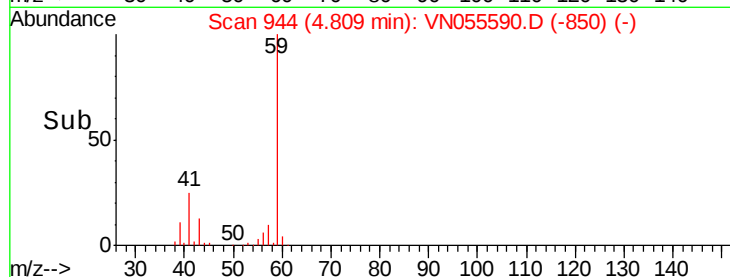
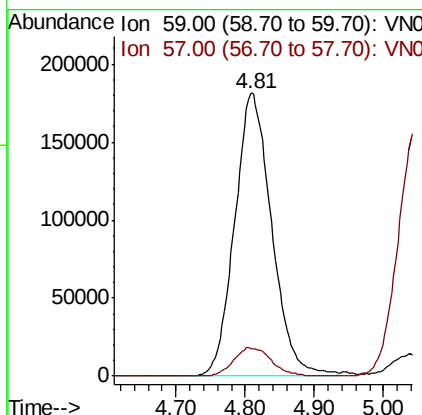
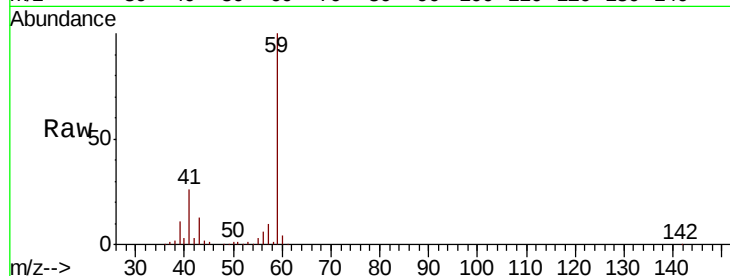


#11

Tert butyl alcohol
 Concen: 420.237 ug/l
 RT: 4.81 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: VN055590.D
 Acq: 14 May 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

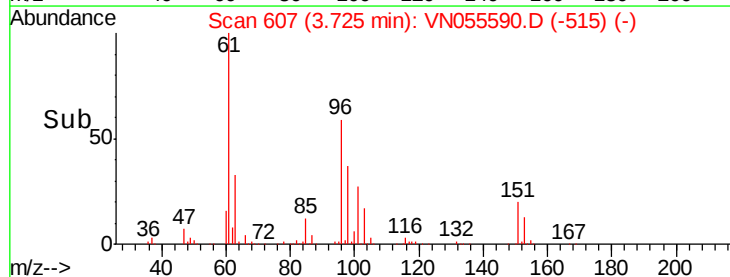
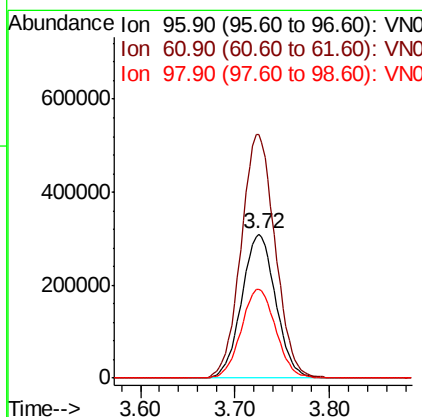
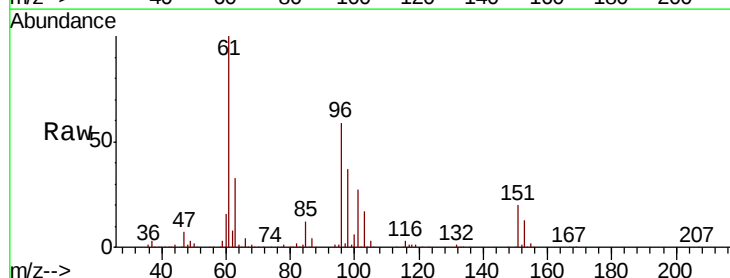
Tot Ion: 59 Resp: 672775
 Ion Ratio Lower Upper
 59 100
 57 10.4 7.6 11.4

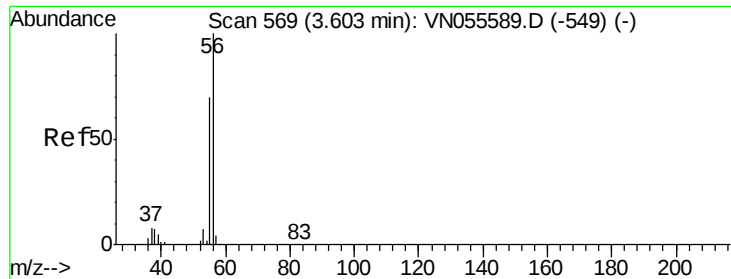


#12

1,1-Dichloroethene
 Concen: 94.019 ug/l
 RT: 3.72 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VN055590.D
 Acq: 14 May 2019 13:12

Tgt Ion: 96 Resp: 772195
 Ion Ratio Lower Upper
 96 100
 61 168.8 137.5 206.3
 98 61.9 50.3 75.5





#13

Acrolein

Concen: 554.852 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

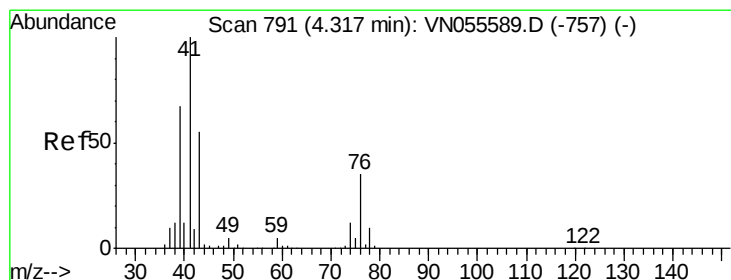
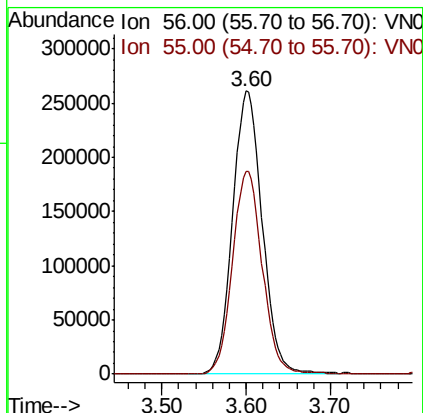
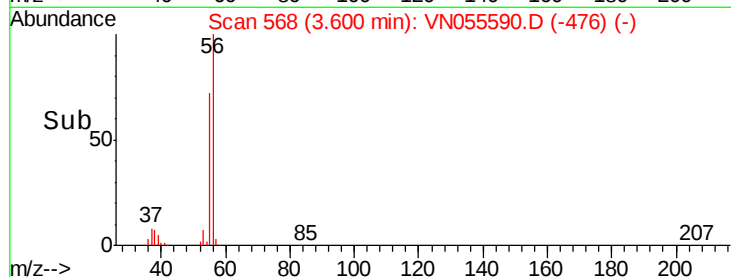
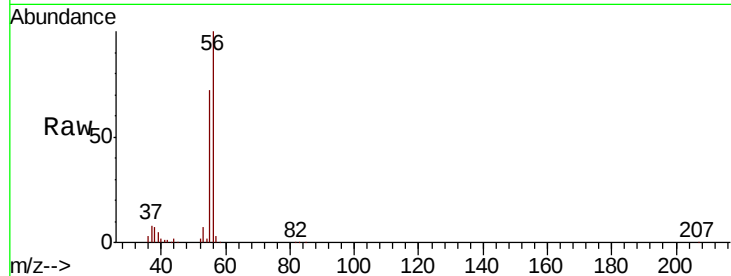
VSTDIC100

Tot Ion: 56 Resp: 639724

Ion Ratio Lower Upper

56 100

55 71.9 57.1 85.7



#14

Allyl chloride

Concen: 91.408 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

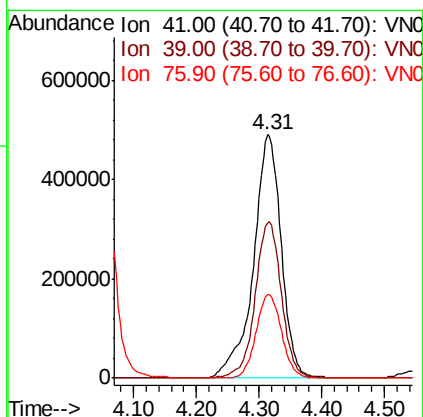
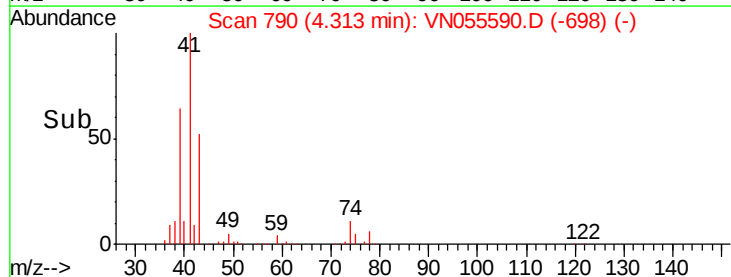
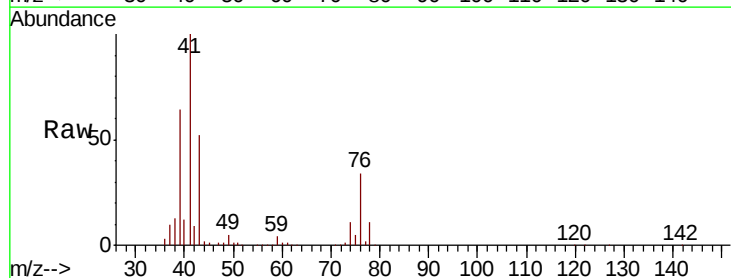
Tgt Ion: 41 Resp: 1518014

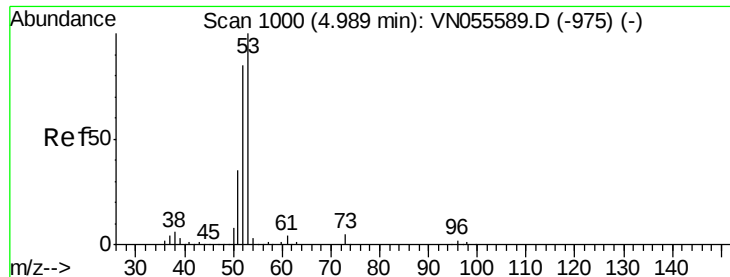
Ion Ratio Lower Upper

41 100

39 60.5 49.3 73.9

76 31.2 24.7 37.1





#15

Acrylonitrile

Concen: 431.106 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

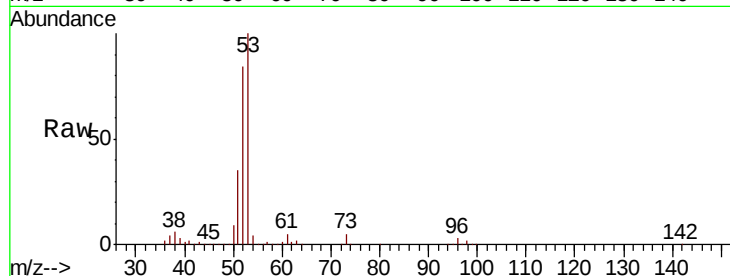
MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 53 Resp: 2178040

Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.6	98.4
51	35.9	28.3	42.5

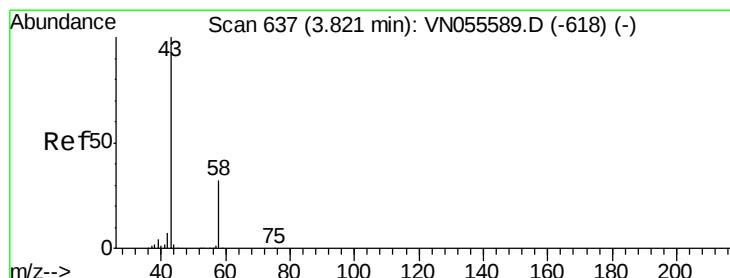
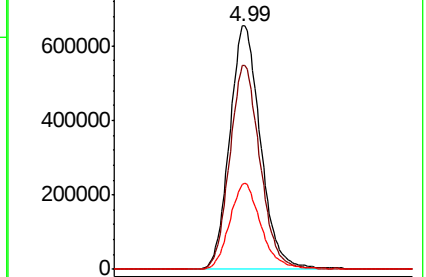
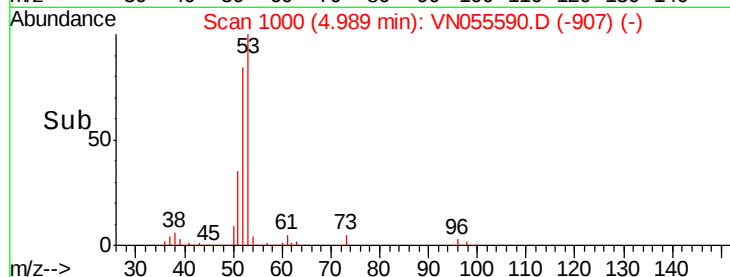


Abundance

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: 411.716 ug/l

RT: 3.82 min Scan# 636

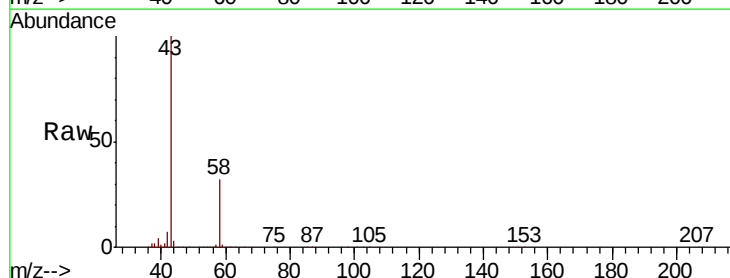
Delta R.T. -0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Tgt Ion: 43 Resp: 2126072

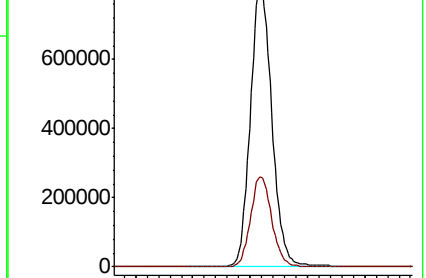
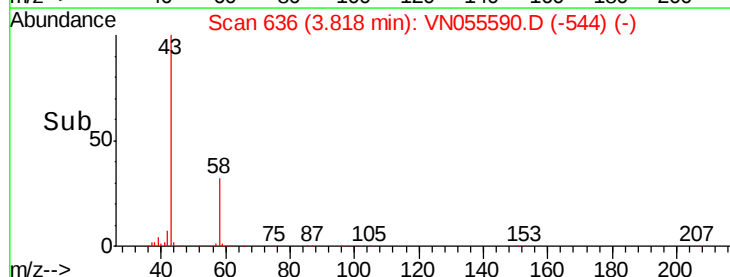
Ion	Ratio	Lower	Upper
43	100		
58	32.0	25.7	38.5

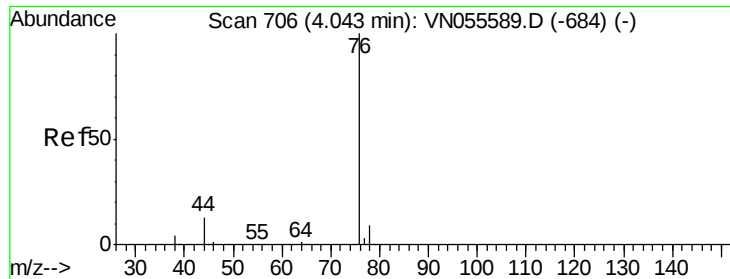


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

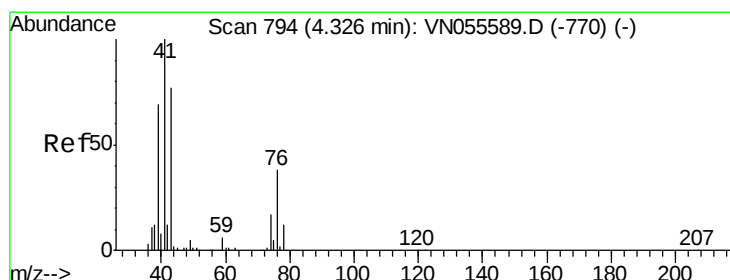
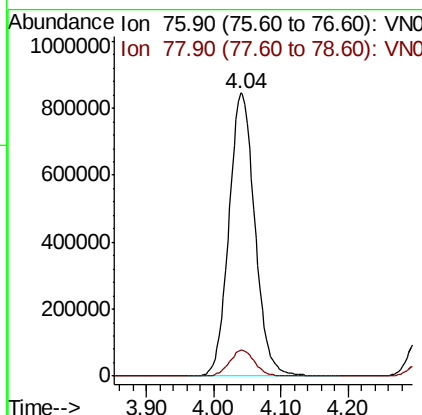
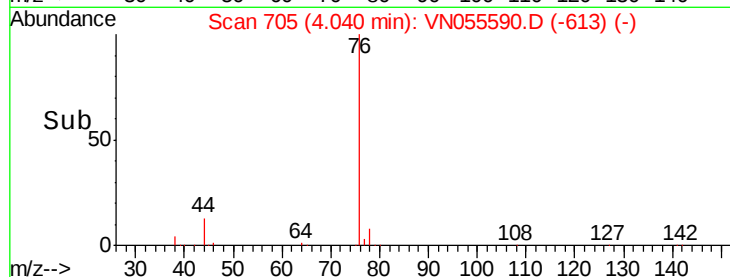
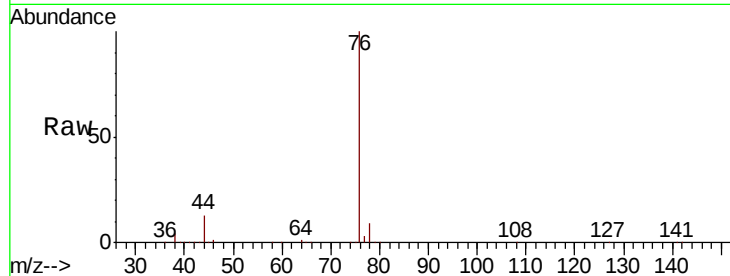




#17
Carbon Disulfide
Concen: 100.112 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

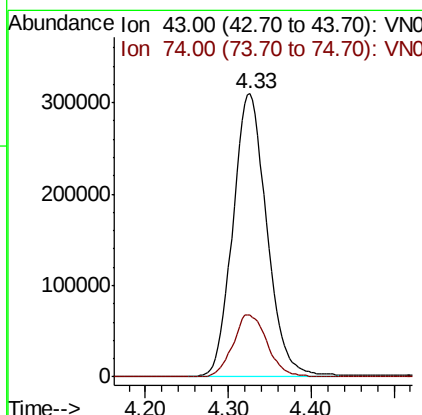
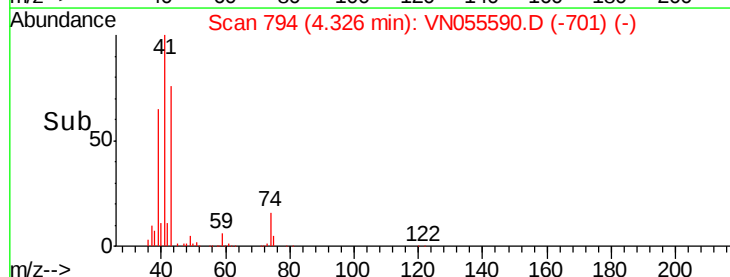
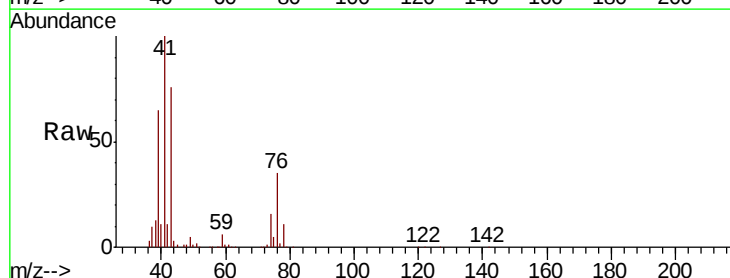
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

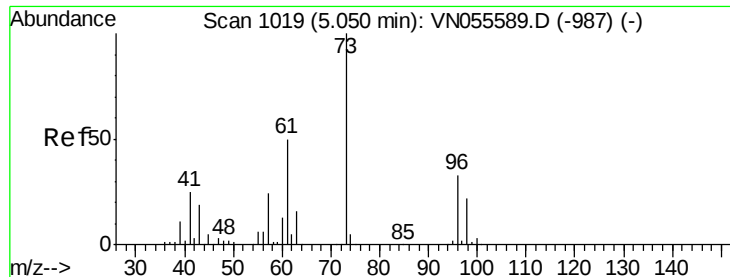
Tot Ion: 76 Resp: 2257385
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 69.548 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

Tgt Ion: 43 Resp: 877577
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.2



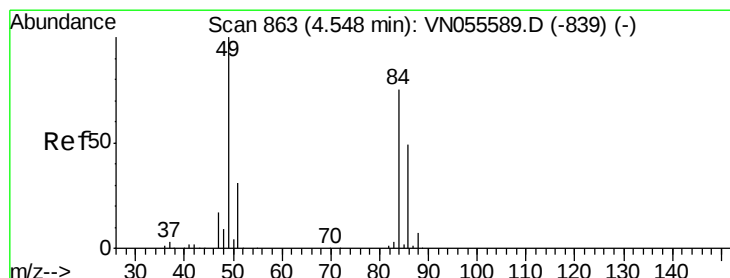
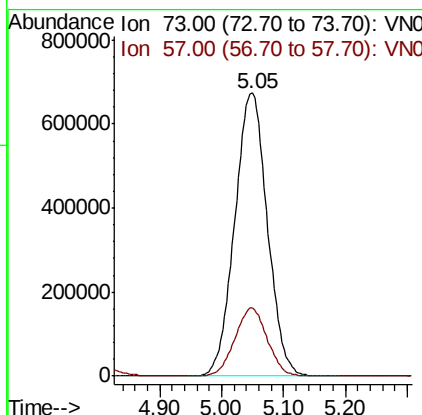
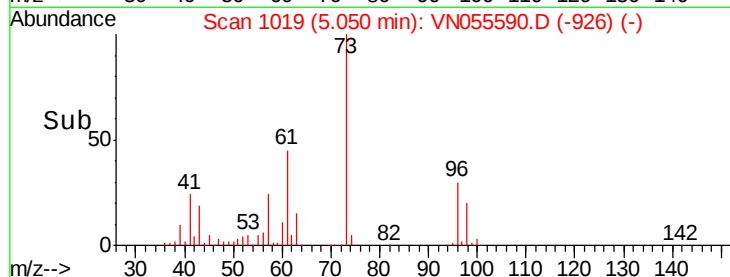
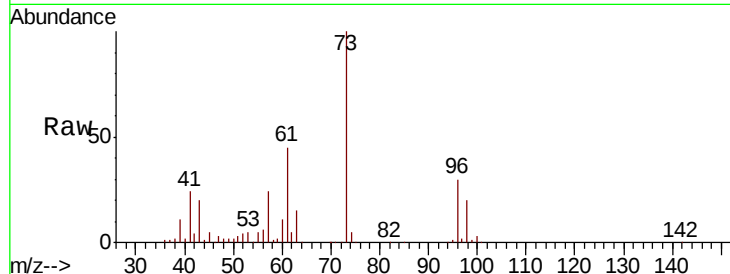


#19

Methyl tert-butyl Ether
 Concen: 91.463 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN055590.D
 Acq: 14 May 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

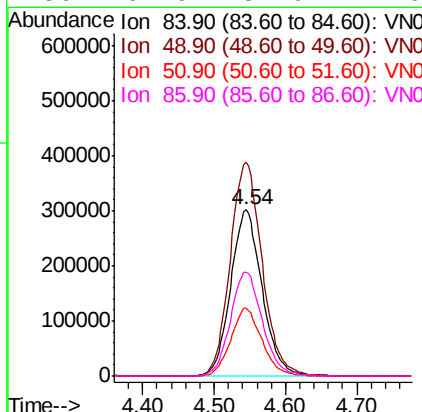
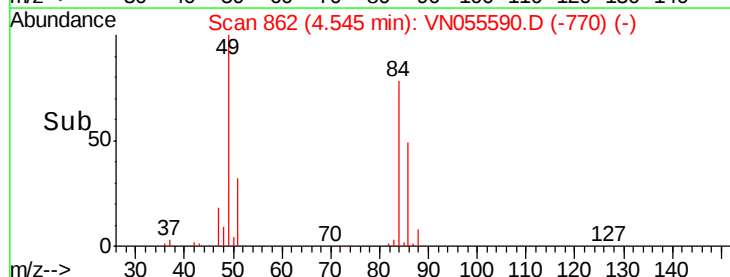
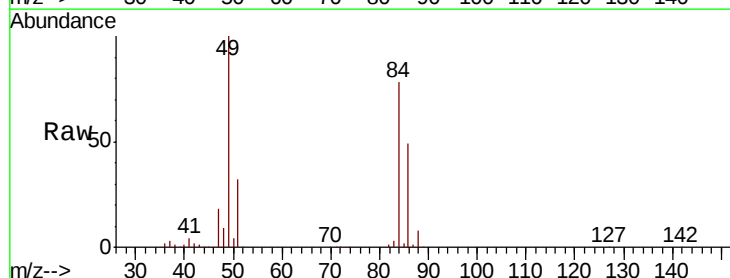
Tot Ion: 73 Resp: 2467671
 Ion Ratio Lower Upper
 73 100
 57 24.0 18.9 28.3

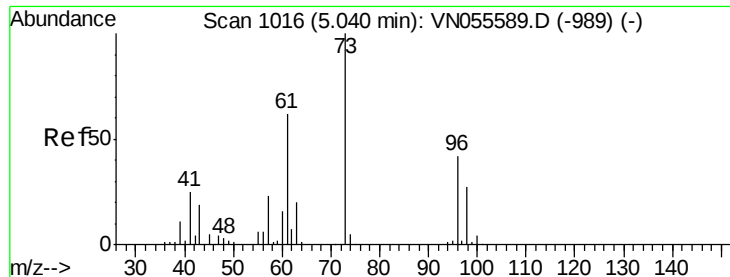


#20

Methylene Chloride
 Concen: 86.816 ug/l
 RT: 4.54 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VN055590.D
 Acq: 14 May 2019 13:12

Tgt Ion: 84 Resp: 923594
 Ion Ratio Lower Upper
 84 100
 49 128.7 106.2 159.2
 51 40.6 32.7 49.1
 86 62.9 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 93.654 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

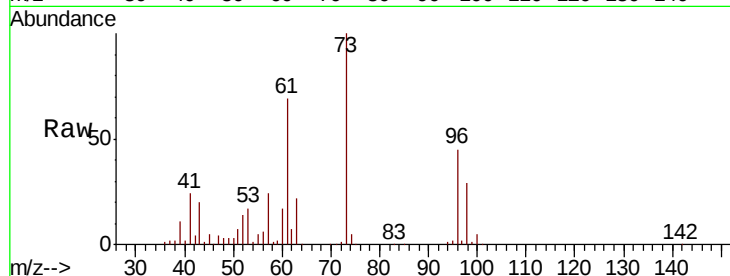
Tot Ion: 96 Resp: 835244

Ion Ratio Lower Upper

96 100

61 153.7 117.8 176.6

98 64.7 51.4 77.2

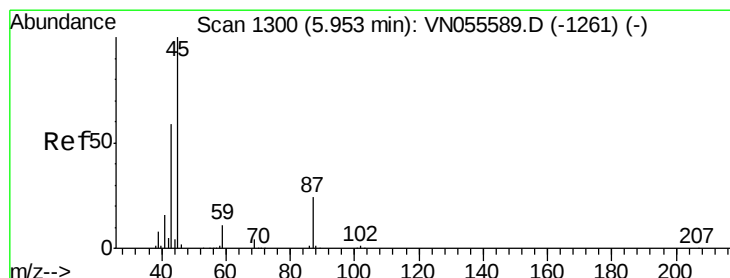
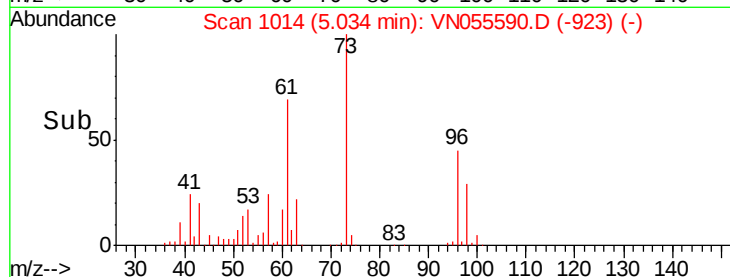
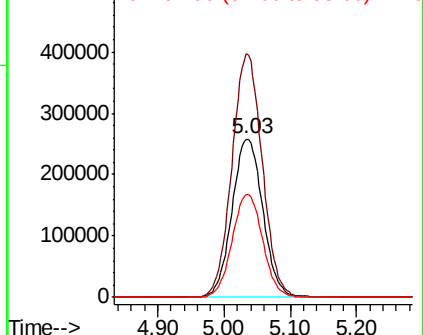


Abundance

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: 91.188 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Tgt Ion: 45 Resp: 3072929

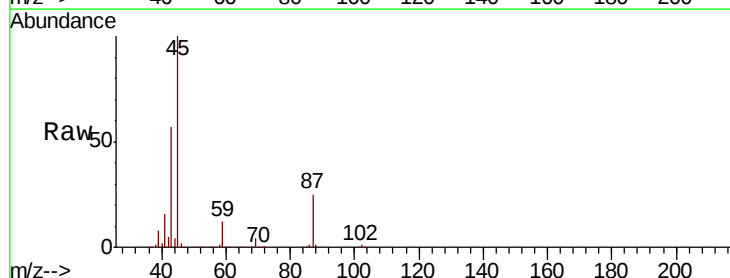
Ion Ratio Lower Upper

45 100

43 57.1 47.1 70.7

87 24.5 19.5 29.3

59 11.4 9.0 13.4



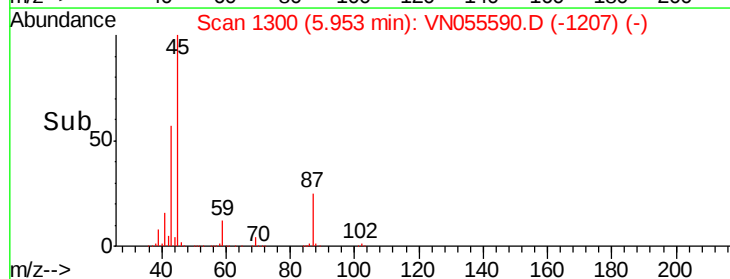
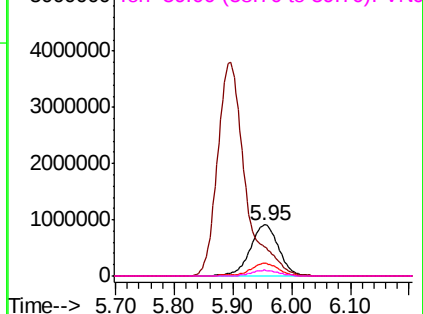
Abundance

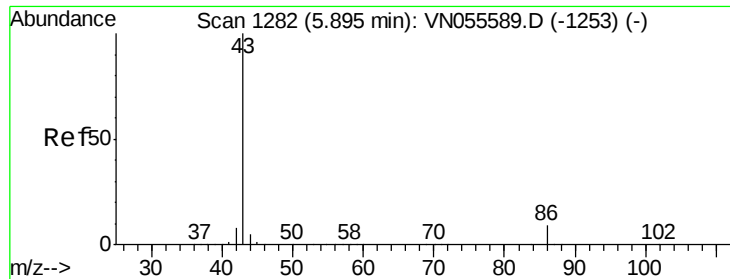
Ion 45.00 (44.70 to 45.70): VN0

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: 478.740 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

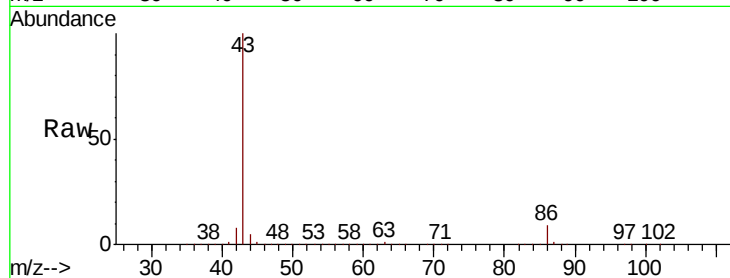
VSTDIC100

Tot Ion: 43 Resp:12415640

Ion Ratio Lower Upper

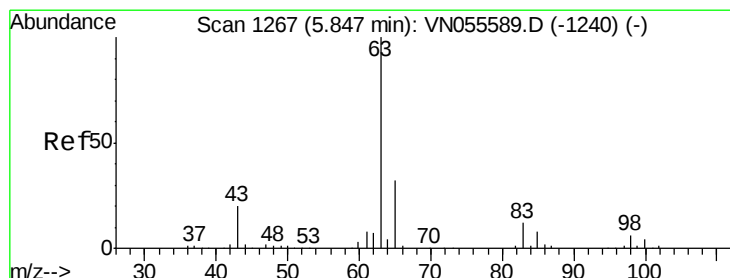
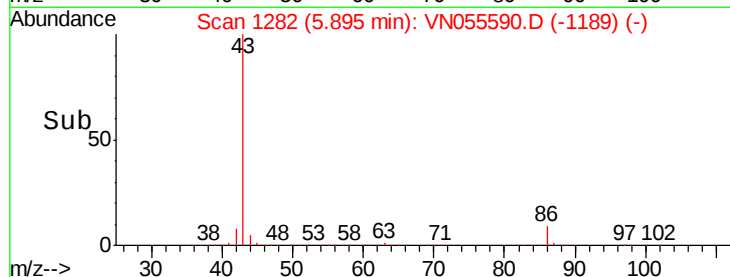
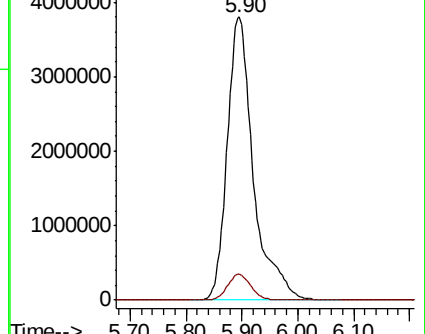
43 100

86 9.2 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VN055590.D (-1253) (-)

Ion 86.00 (85.70 to 86.70): VN055590.D (-1253) (-)



#24

1,1-Dichloroethane

Concen: 89.985 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

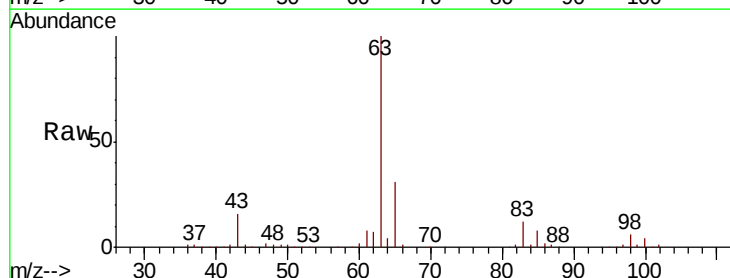
Tgt Ion: 63 Resp: 1650165

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.0

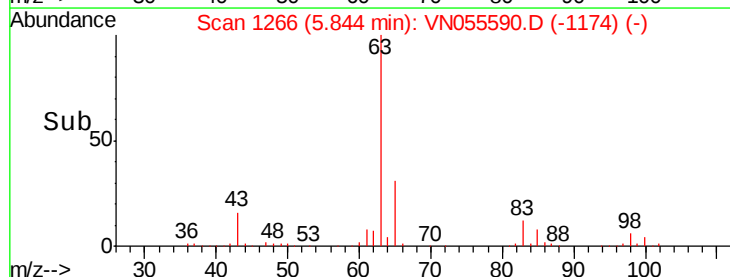
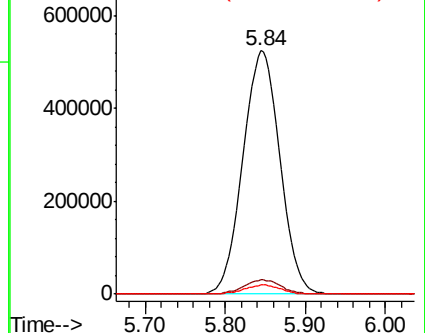
100 3.7 2.1 6.3

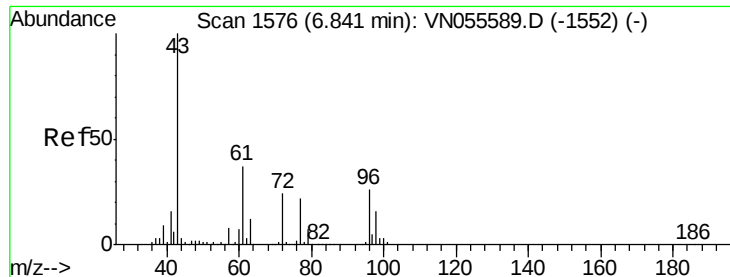


Abundance Ion 62.90 (62.60 to 63.60): VN055590.D (-1240) (-)

Ion 97.90 (97.60 to 98.60): VN055590.D (-1240) (-)

Ion 99.90 (99.60 to 100.60): VN055590.D (-1240) (-)

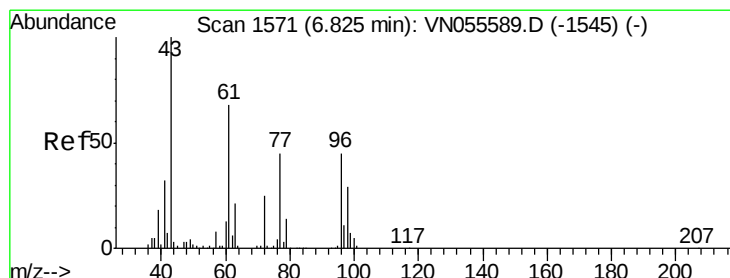
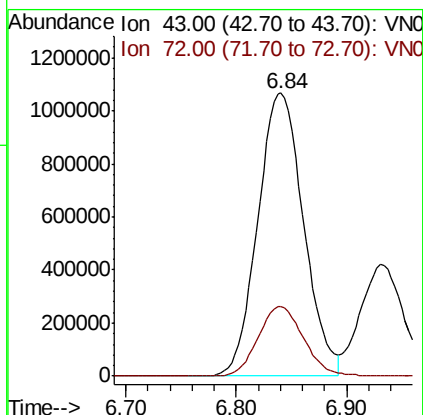
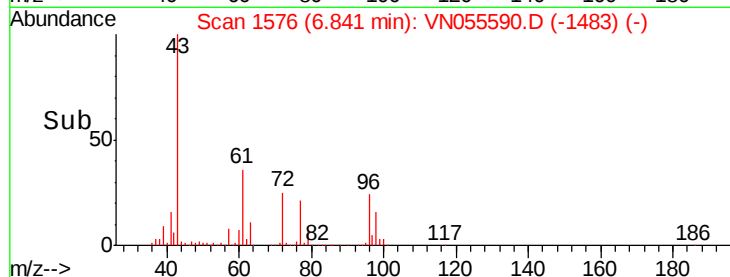
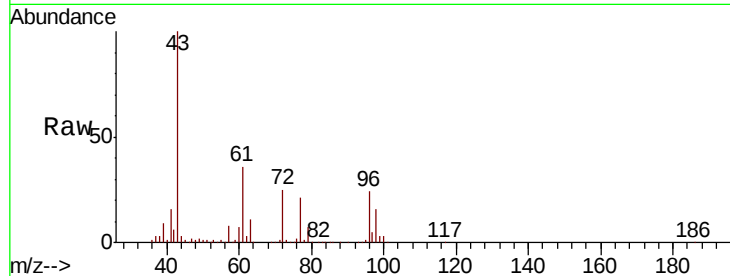




#25
2-Butanone
Concen: 435.045 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

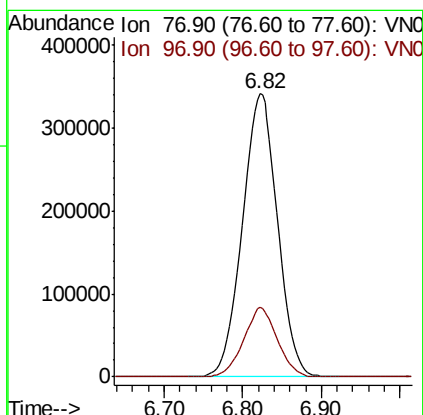
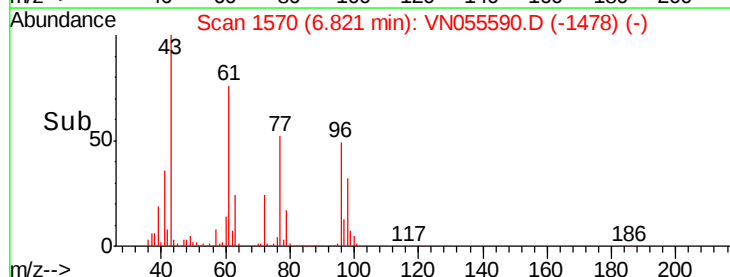
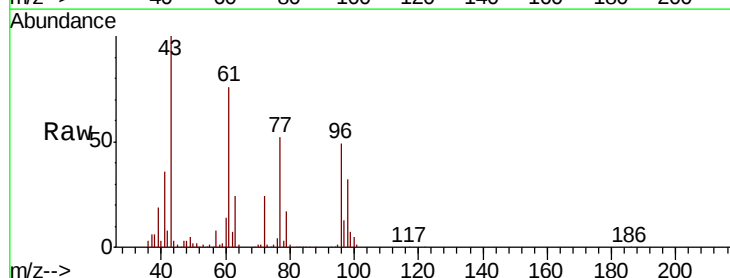
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

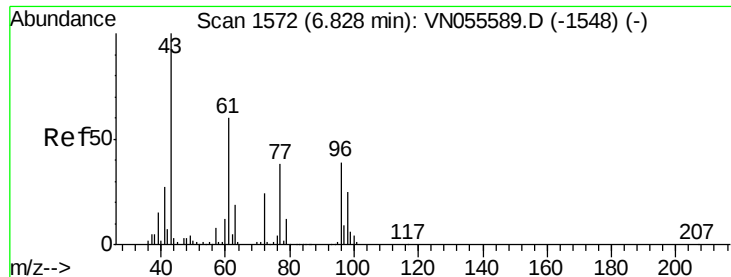
Tot Ion: 43 Resp: 3059404
Ion Ratio Lower Upper
43 100
72 24.8 19.5 29.3



#26
2,2-Dichloropropane
Concen: 93.923 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

Tgt Ion: 77 Resp: 1072329
Ion Ratio Lower Upper
77 100
97 23.7 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 93.927 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

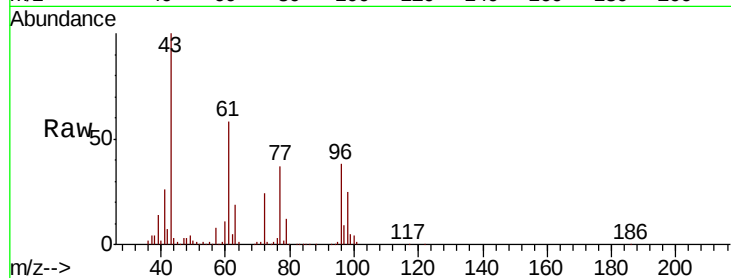
Tot Ion: 96 Resp: 962980

Ion Ratio Lower Upper

96 100

61 154.7 0.0 305.0

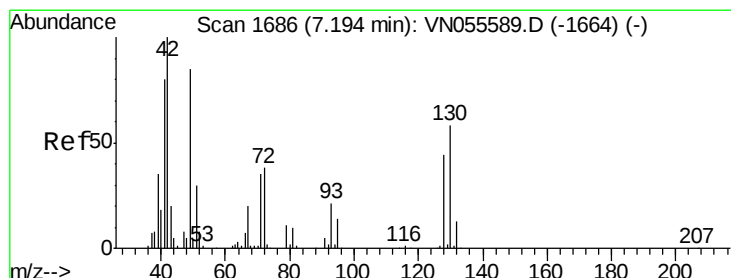
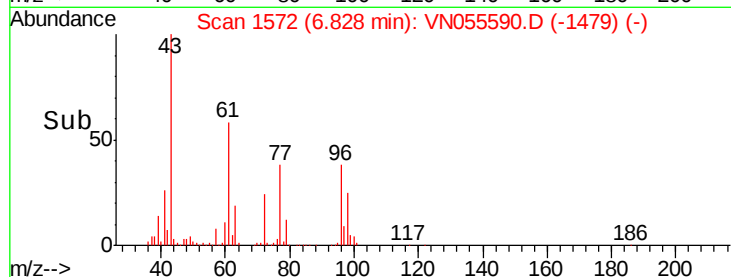
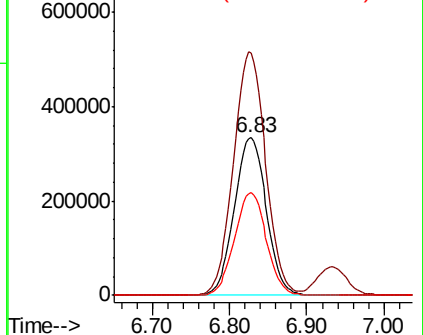
98 64.9 0.0 128.2



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



#28

Bromochloromethane

Concen: 86.419 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

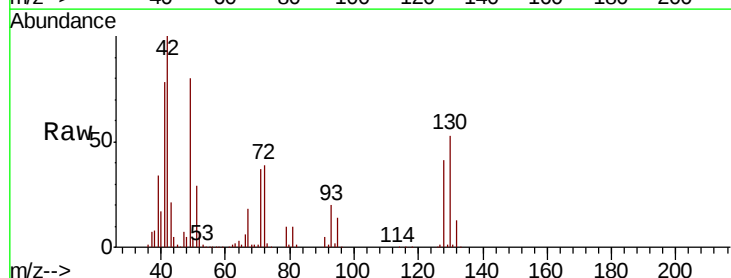
Tgt Ion: 49 Resp: 810710

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.6

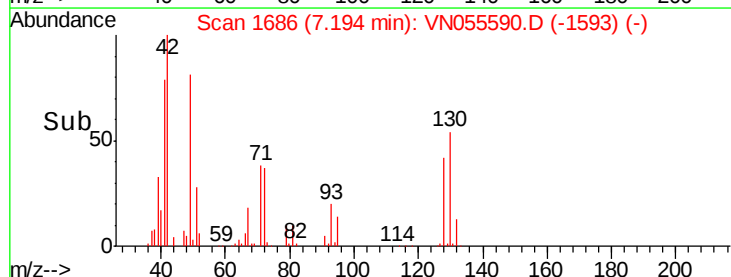
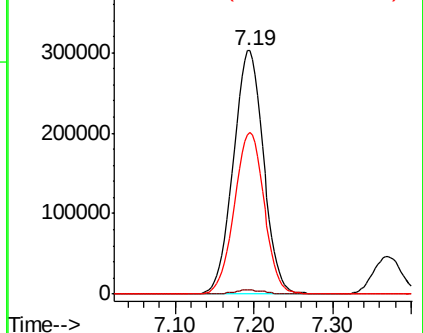
130 65.9 52.4 78.6

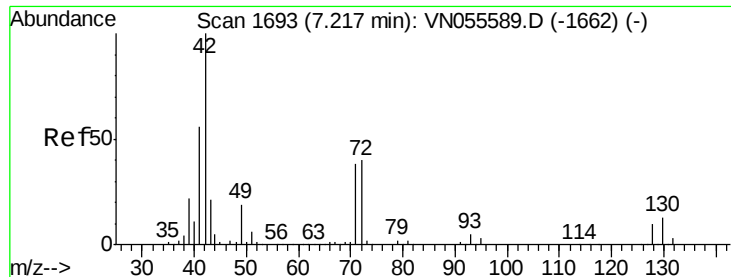


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

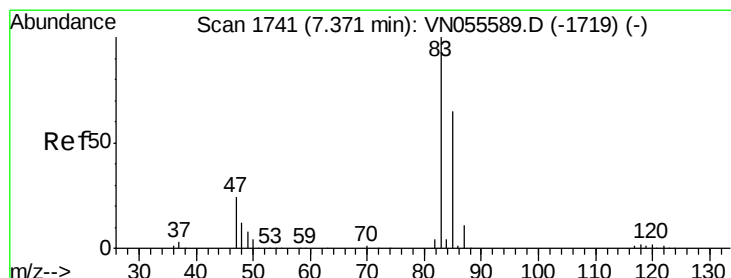
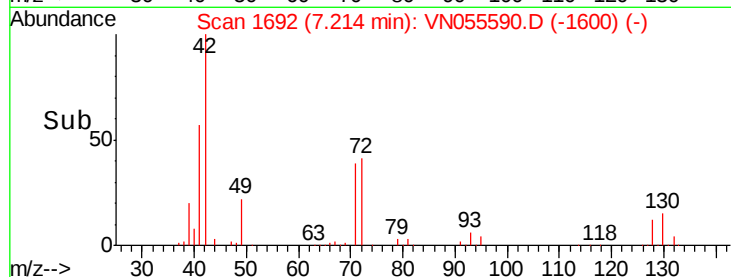
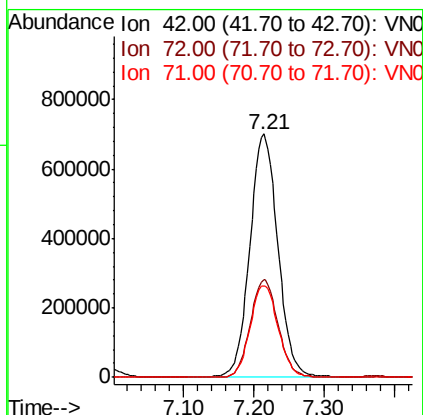
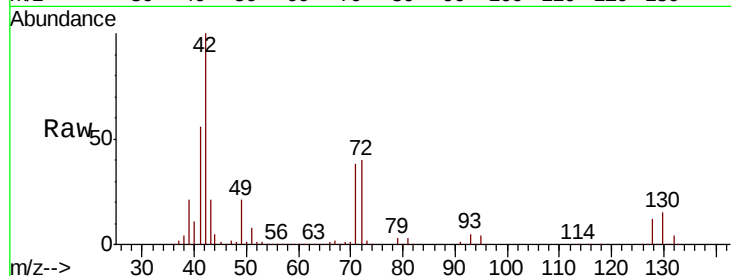




#29
Tetrahydrofuran
Concen: 416.030 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

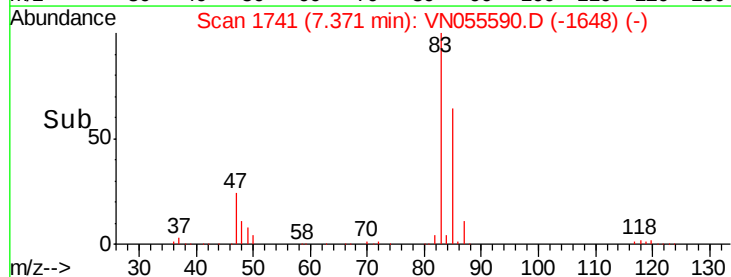
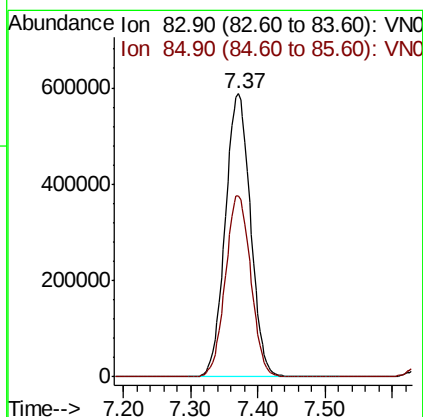
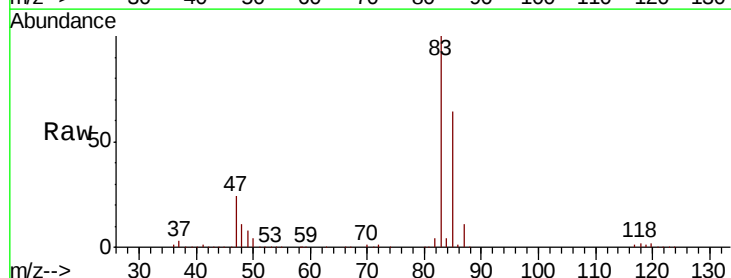
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

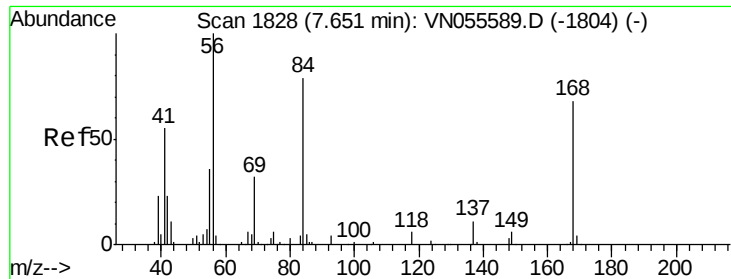
Tot Ion: 42 Resp: 1935833
Ion Ratio Lower Upper
42 100
72 39.8 31.4 47.2
71 38.0 29.9 44.9



#30
Chloroform
Concen: 90.573 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

Tgt Ion: 83 Resp: 1533535
Ion Ratio Lower Upper
83 100
85 64.2 51.9 77.9

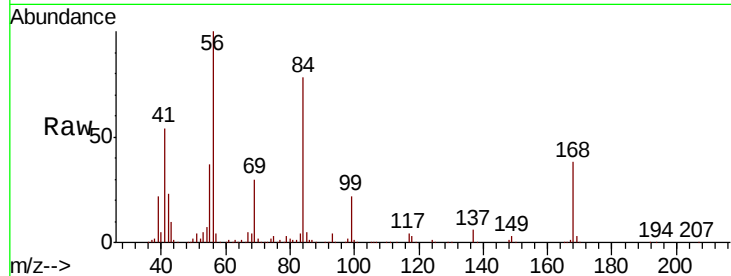




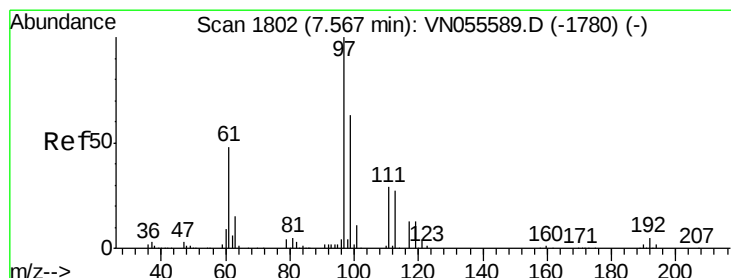
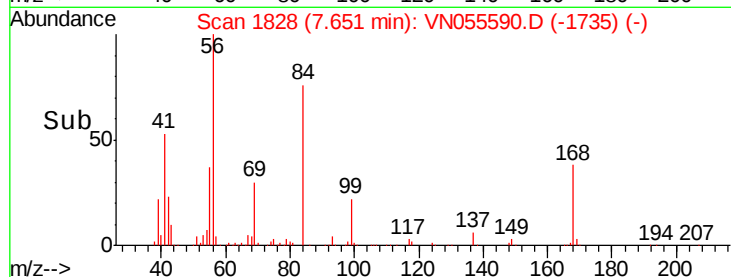
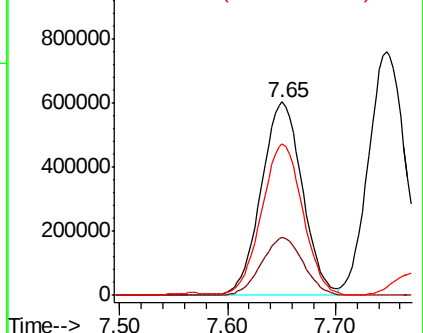
#31
Cyclohexane
Concen: 87.715 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 56 Resp: 1592506
Ion Ratio Lower Upper
56 100
69 30.1 25.7 38.5
84 77.0 63.4 95.0

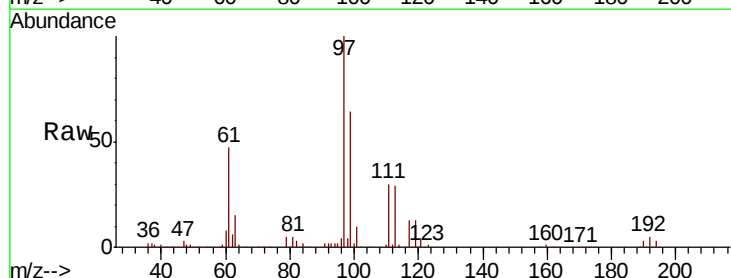


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

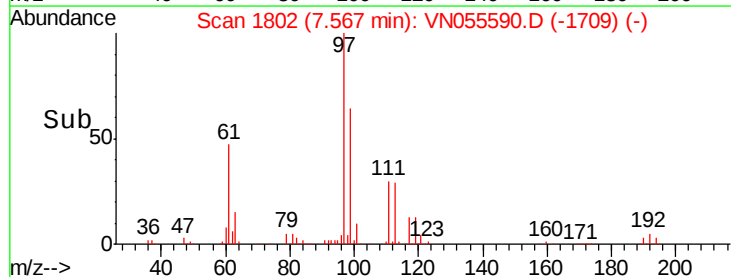
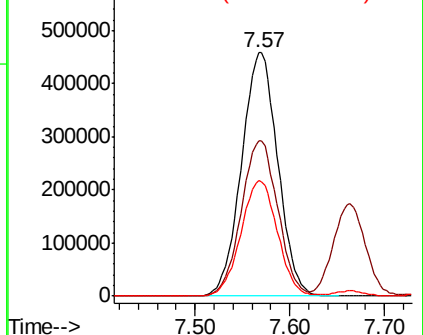


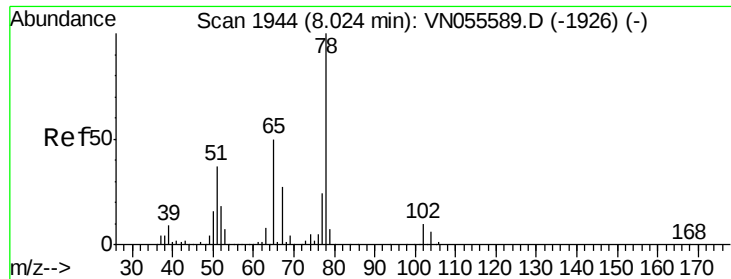
#32
1,1,1-Trichloroethane
Concen: 94.359 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

Tgt Ion: 97 Resp: 1220828
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 47.7 38.7 58.1



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

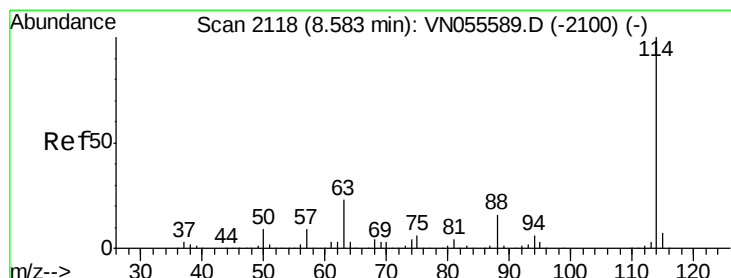
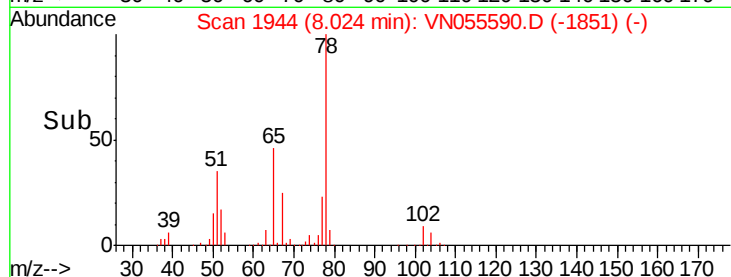
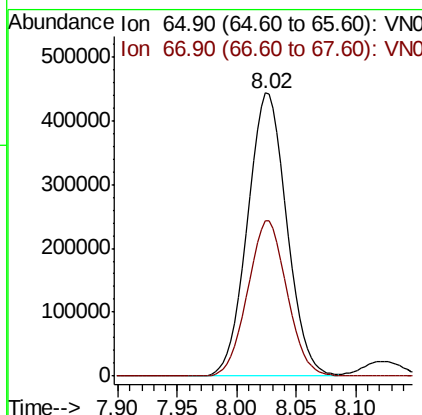
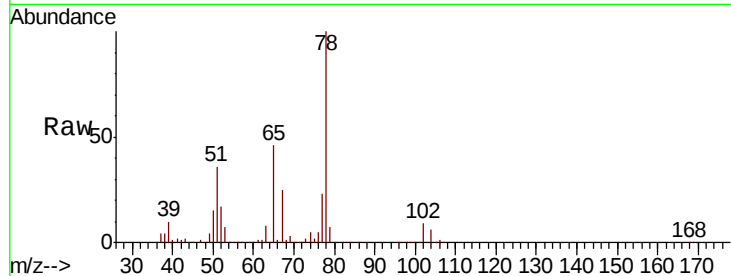




#33
 1,2-Dichloroethane-d4
 Concen: 90.399 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055590.D
 Acq: 14 May 2019 13:12

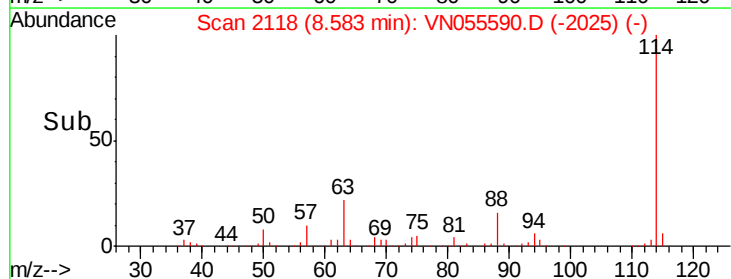
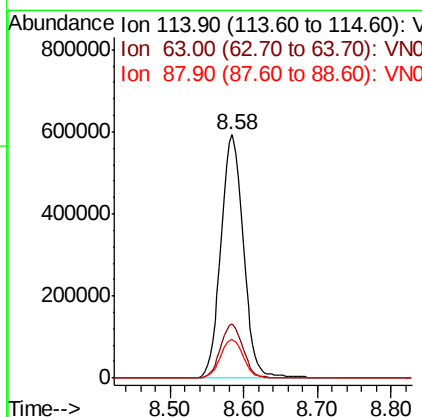
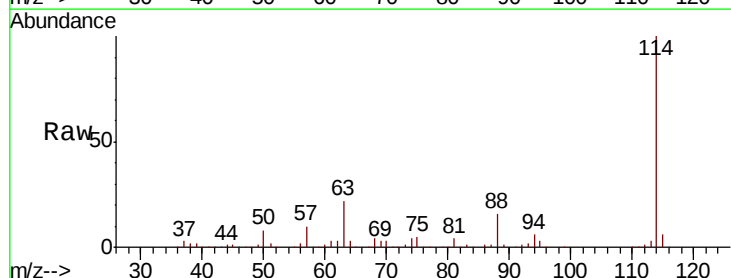
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

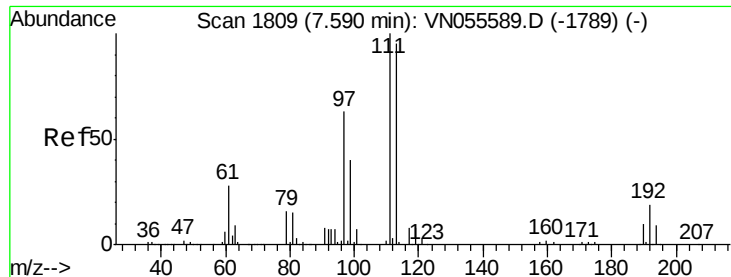
Tot Ion: 65 Resp: 1013069
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055590.D
 Acq: 14 May 2019 13:12

Tgt Ion: 114 Resp: 1266154
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.8
 88 15.9 0.0 32.6

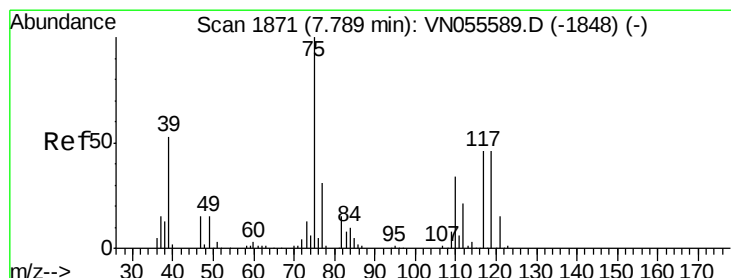
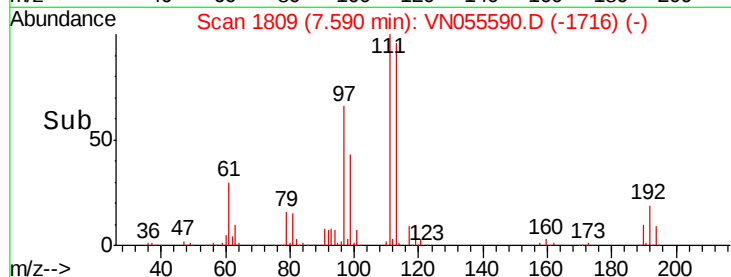
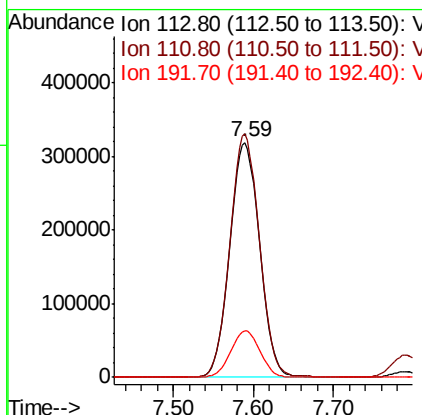
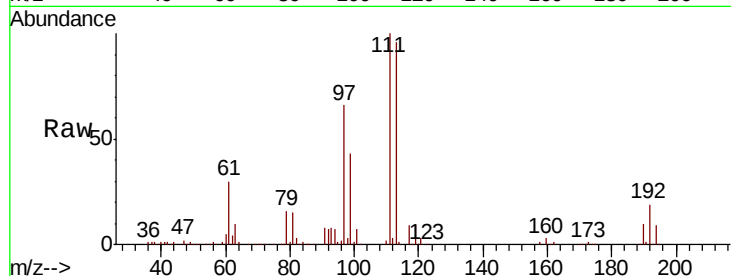




#35
 Dibromofluoromethane
 Concen: 98.723 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055590.D
 Acq: 14 May 2019 13:12

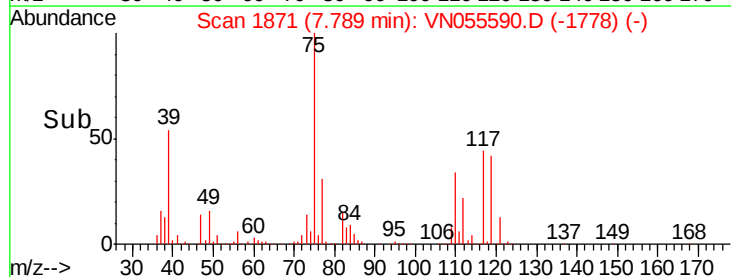
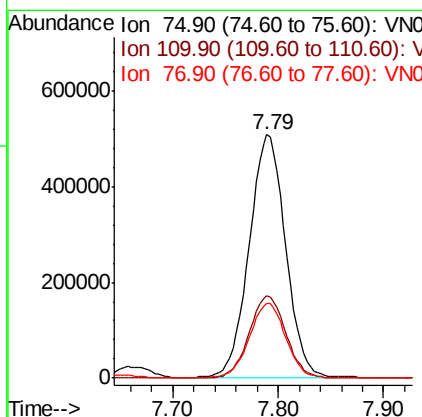
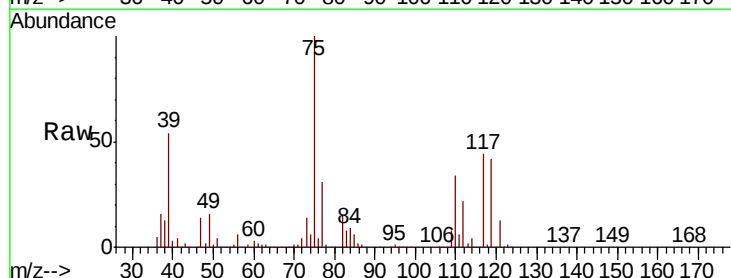
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

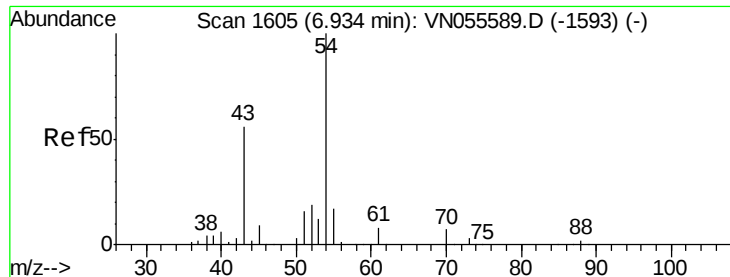
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.5	125.3
192	19.5	16.0	24.0



#36
 1,1-Dichloropropene
 Concen: 98.220 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN055590.D
 Acq: 14 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.9	50.7
77	31.0	24.9	37.3

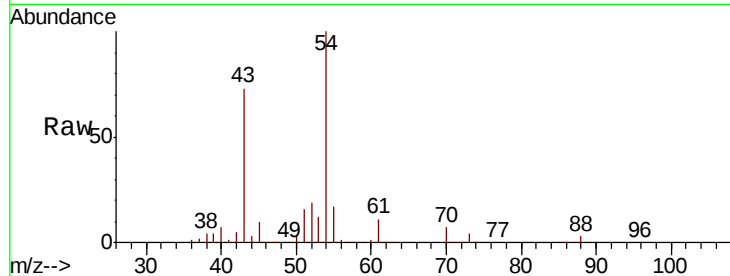




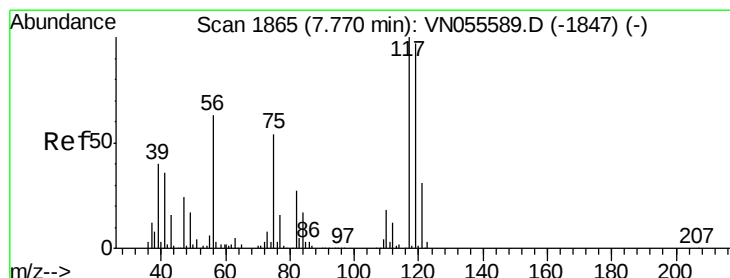
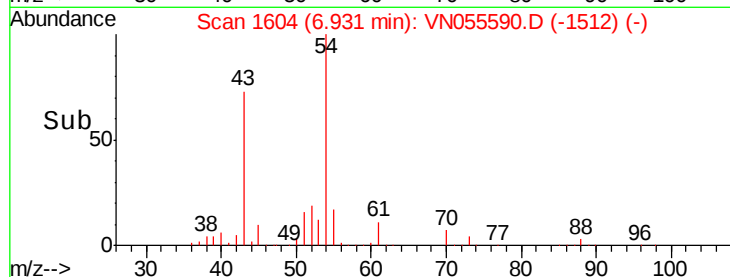
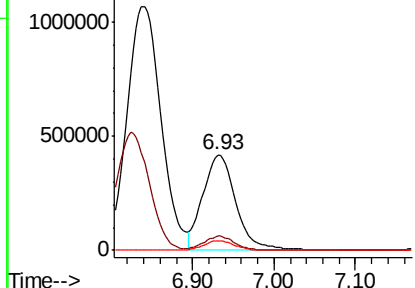
#37
Ethyl Acetate
Concen: 88.231 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1170922
Ion Ratio Lower Upper
43 100
61 14.1 10.8 16.2
70 9.8 7.4 11.2

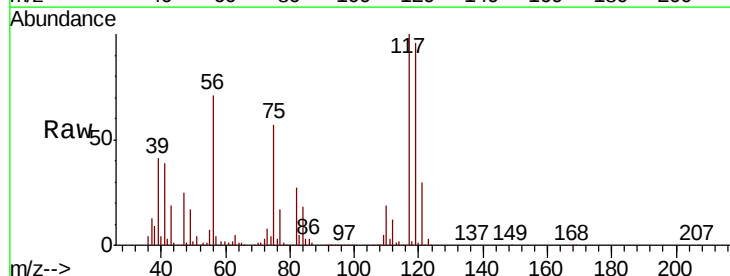


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

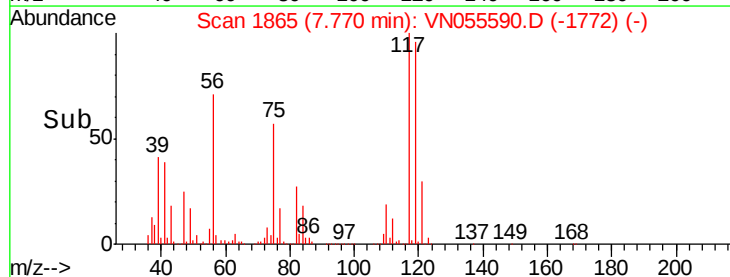
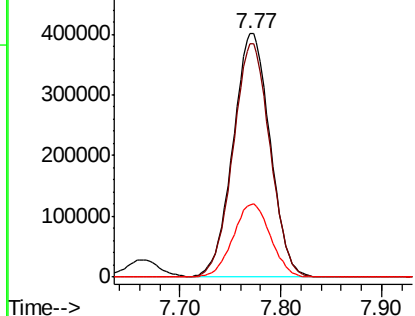


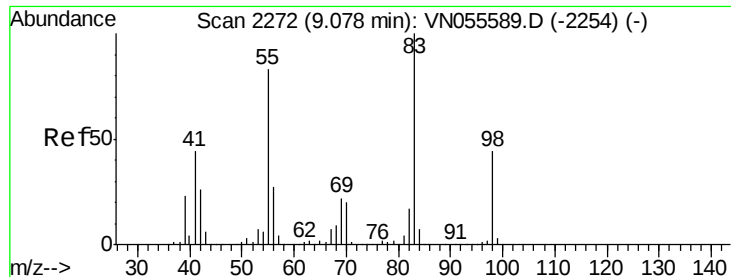
#38
Carbon Tetrachloride
Concen: 97.161 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

Tgt Ion: 117 Resp: 1020892
Ion Ratio Lower Upper
117 100
119 95.9 77.1 115.7
121 29.9 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

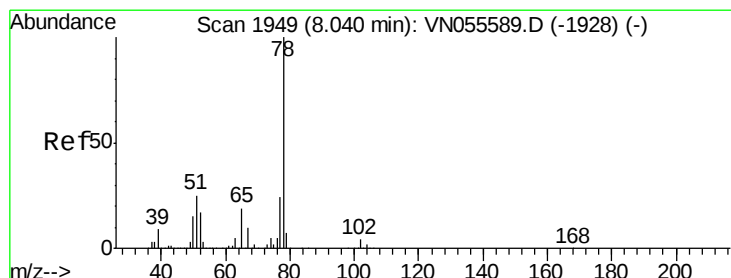
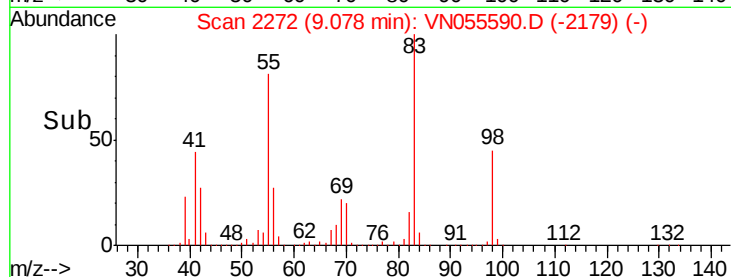
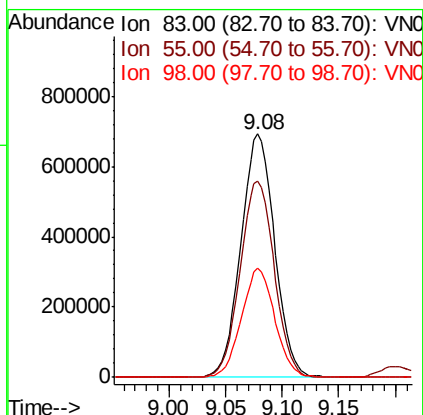
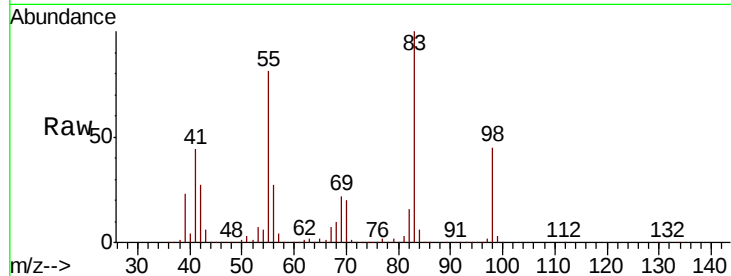




#39
Methvlcvclohexane
Concen: 95.268 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

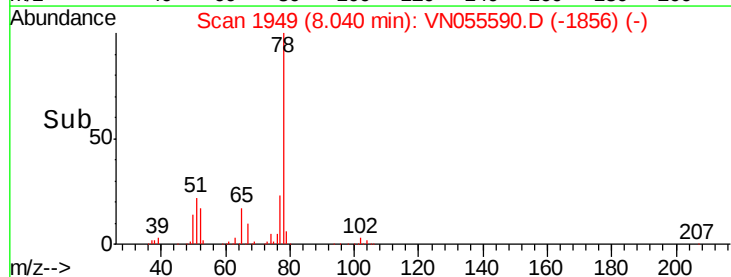
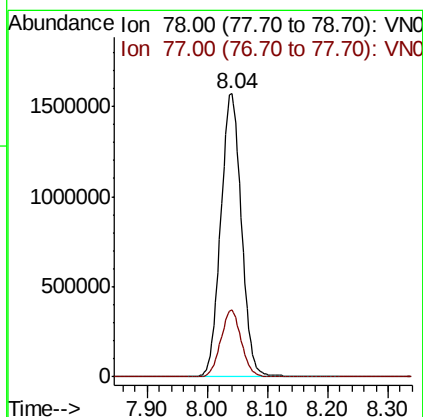
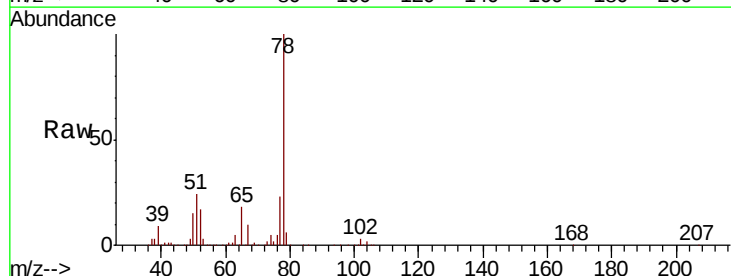
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

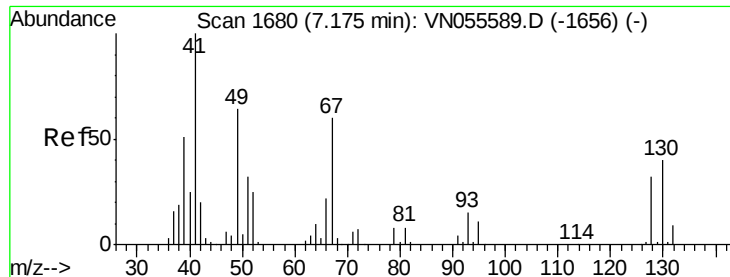
Tot Ion: 83 Resp: 1440257
Ion Ratio Lower Upper
83 100
55 80.6 66.3 99.5
98 44.7 34.8 52.2



#40
Benzene
Concen: 96.820 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

Tgt Ion: 78 Resp: 3724190
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3

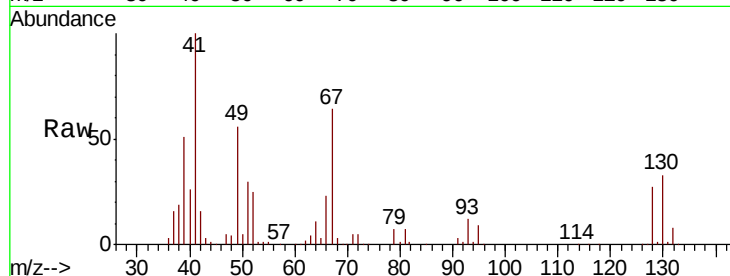




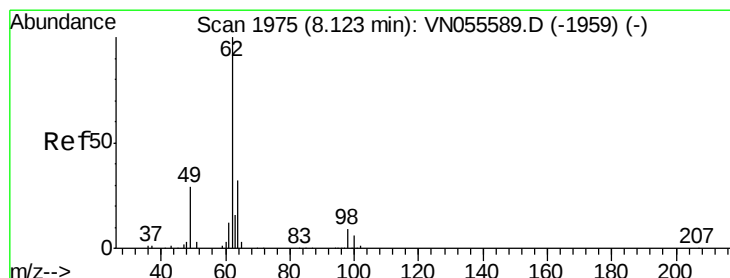
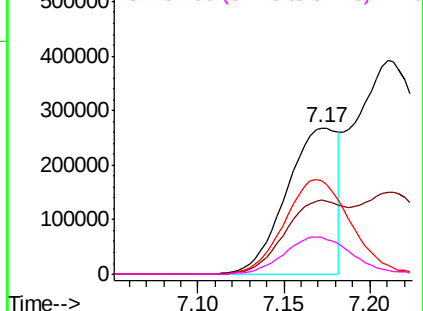
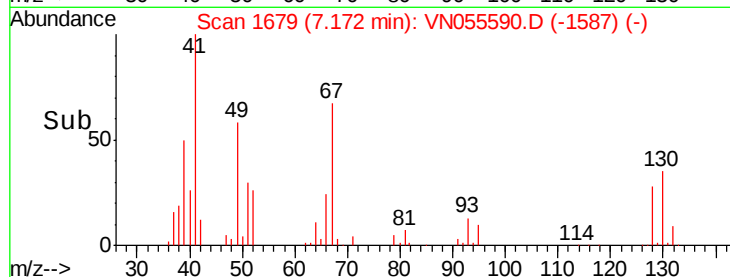
#41
Methacrylonitrile
Concen: 90.365 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:	41	Resp:	555159
Ion	Ratio	Lower	Upper
41	100		
39	59.7	44.1	66.1
67	84.7	63.4	95.0
52	33.3	25.0	37.6

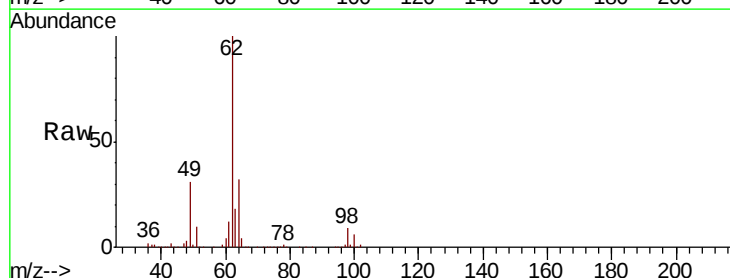


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

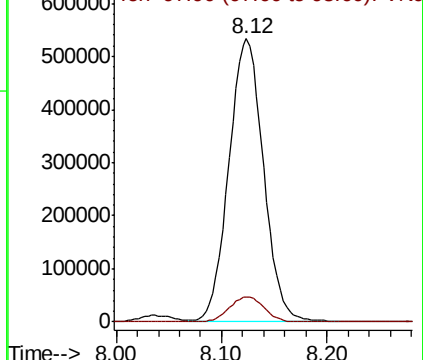
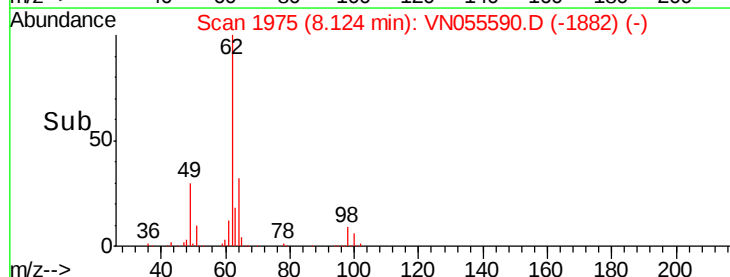


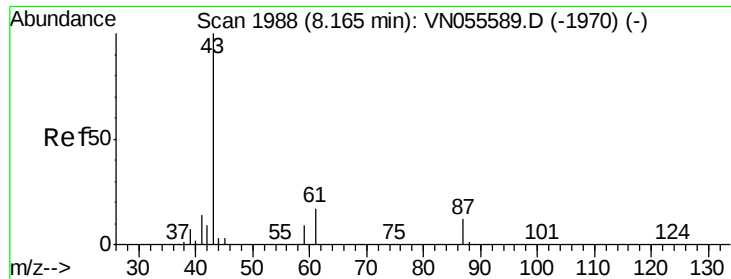
#42
1,2-Dichloroethane
Concen: 89.913 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

Tgt Ion:	62	Resp:	1210673
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0



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





#43

Isopropyl Acetate

Concen: 94.779 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

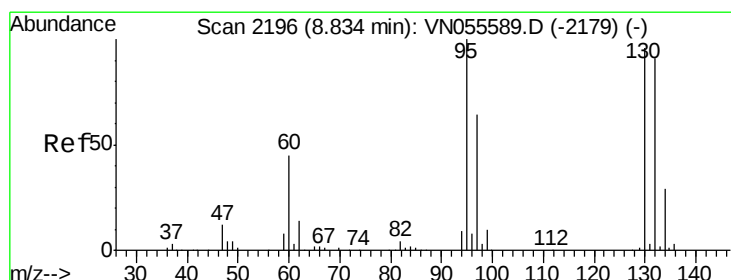
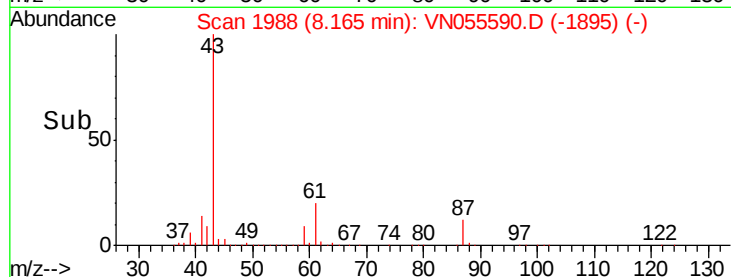
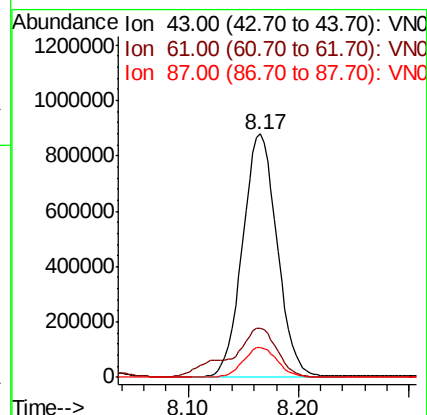
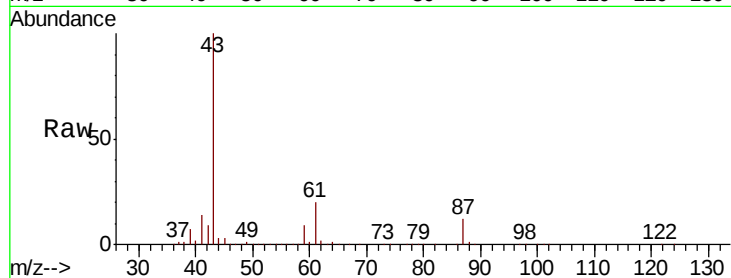
MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1904932

Ion	Ratio	Lower	Upper
43	100		
61	27.2	16.1	24.1#
87	12.2	9.6	14.4



#44

Trichloroethene

Concen: 96.740 ug/l

RT: 8.83 min Scan# 2196

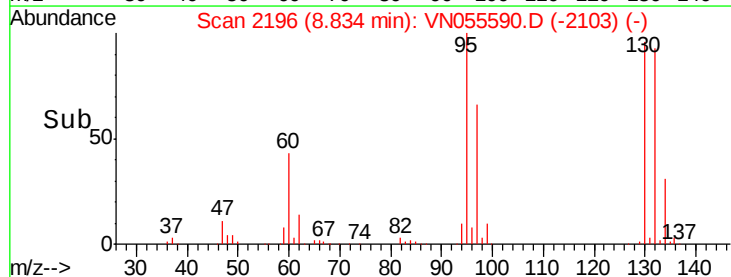
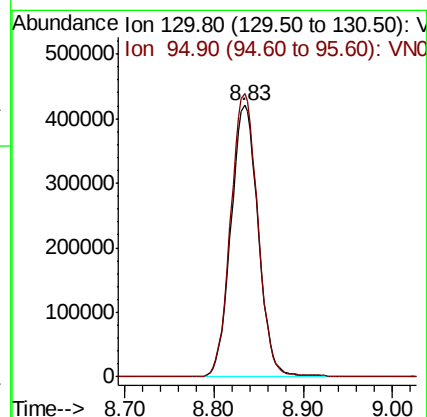
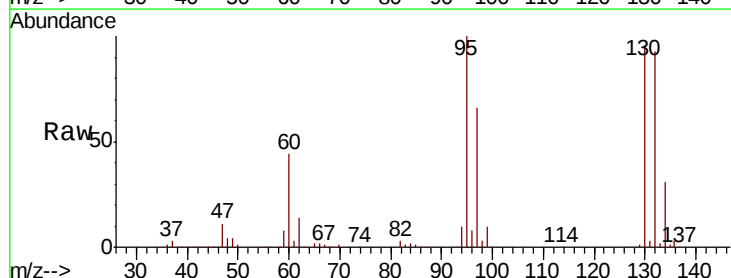
Delta R.T. 0.00 min

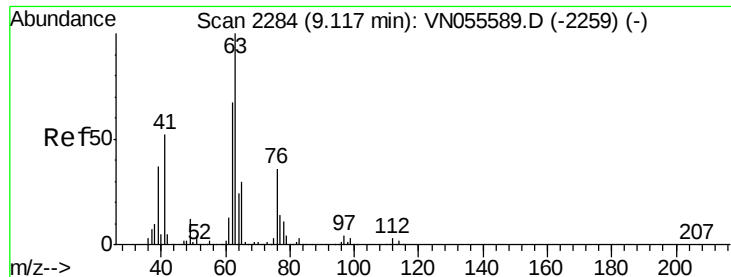
Lab File: VN055590.D

Acq: 14 May 2019 13:12

Tgt Ion: 130 Resp: 891593

Ion	Ratio	Lower	Upper
130	100		
95	104.3	0.0	208.6





#45

1,2-Dichloropropane

Concen: 93.231 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

MSVOA_N

ClientSampled :

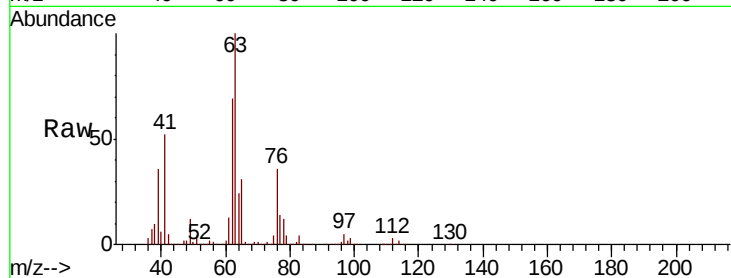
VSTDIC100

Tot Ion: 63 Resp: 1023830

Ion Ratio Lower Upper

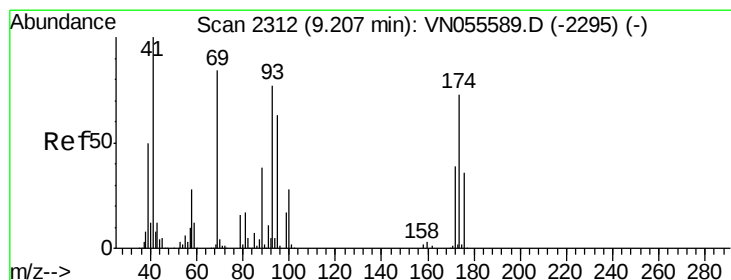
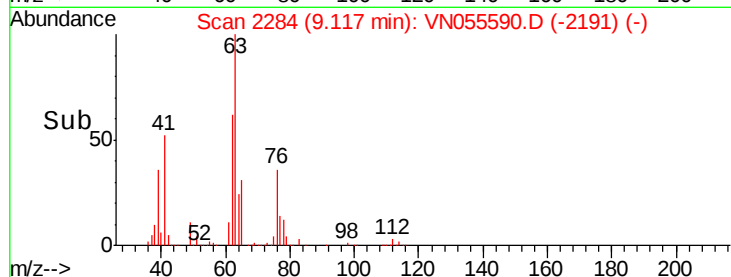
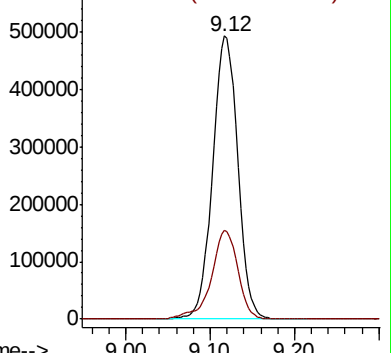
63 100

65 31.4 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 94.044 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

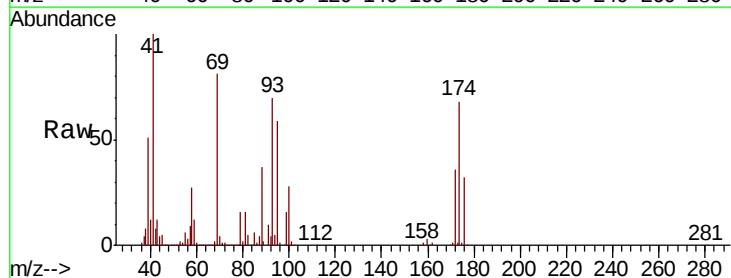
Tgt Ion: 93 Resp: 598169

Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

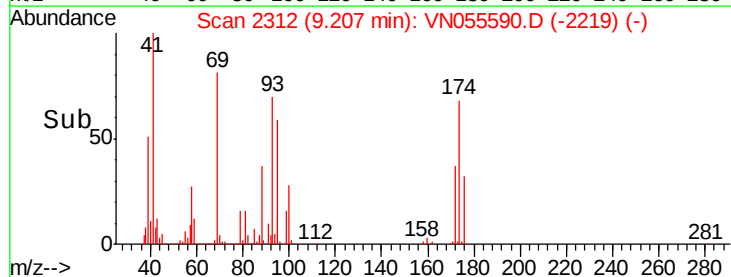
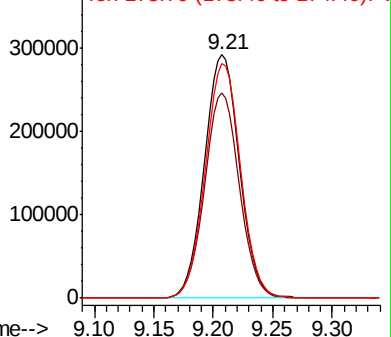
174 96.9 78.4 117.6

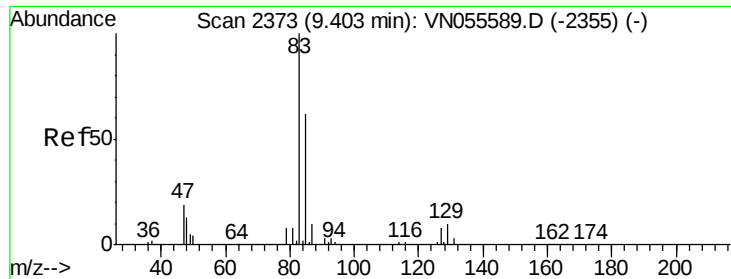


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

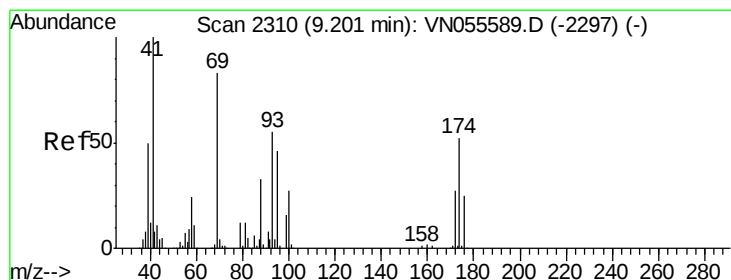
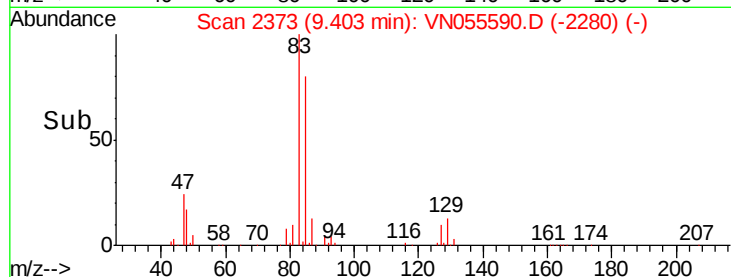
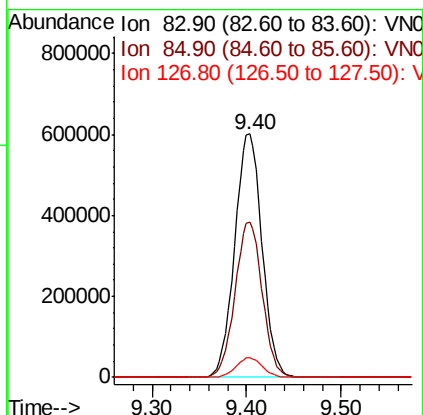
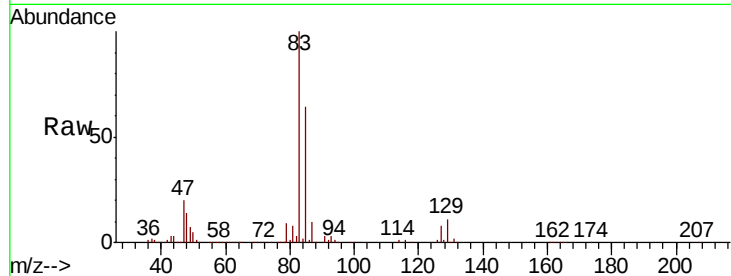




#47
Bromodichloromethane
Concen: 98.271 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

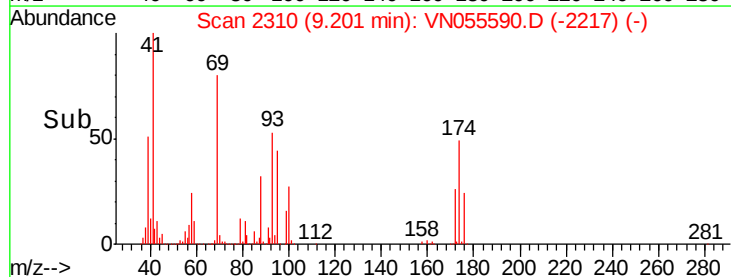
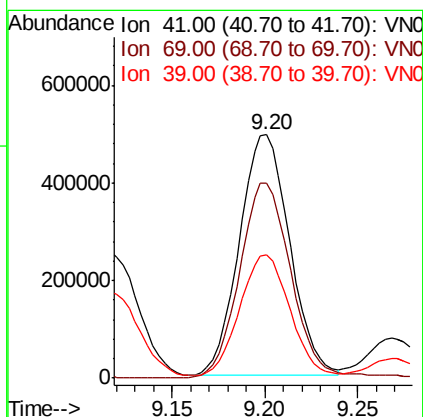
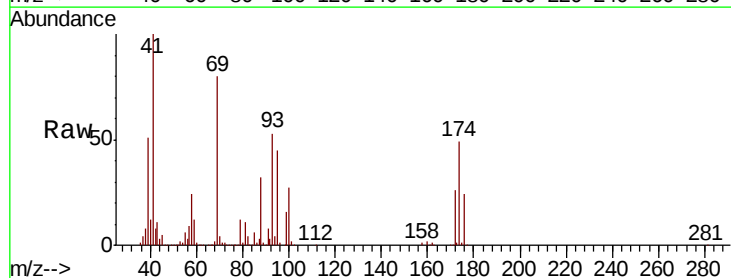
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

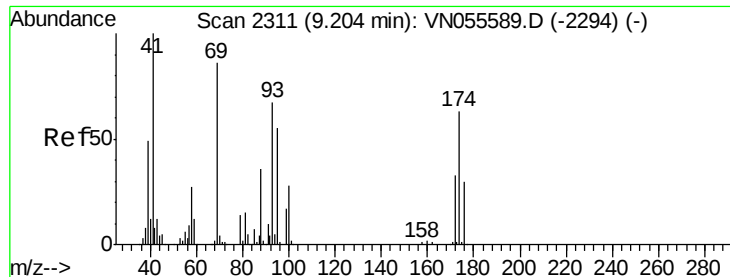
Tot Ion: 83 Resp: 1200774
Ion Ratio Lower Upper
83 100
85 64.0 49.6 74.4
127 8.2 6.6 9.8



#48
Methyl methacrylate
Concen: 95.692 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

Tgt Ion: 41 Resp: 929456
Ion Ratio Lower Upper
41 100
69 83.8 65.7 98.5
39 51.5 40.2 60.4

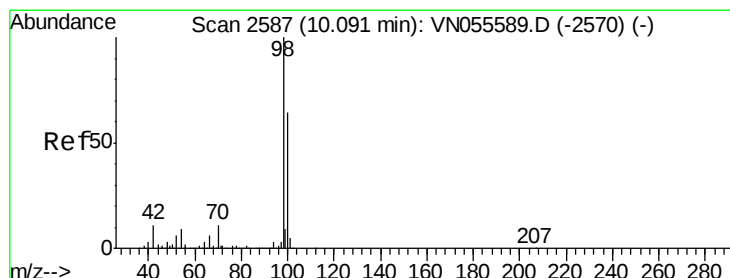
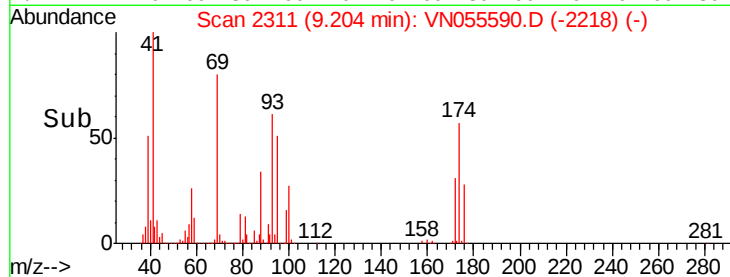
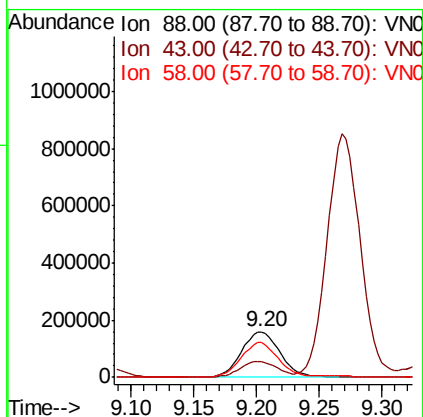
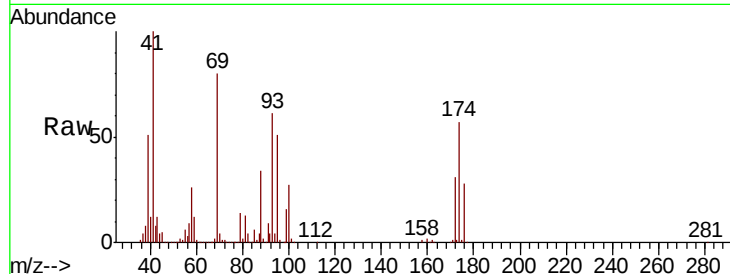




#49
1,4-Dioxane
Concen: 1813.742 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

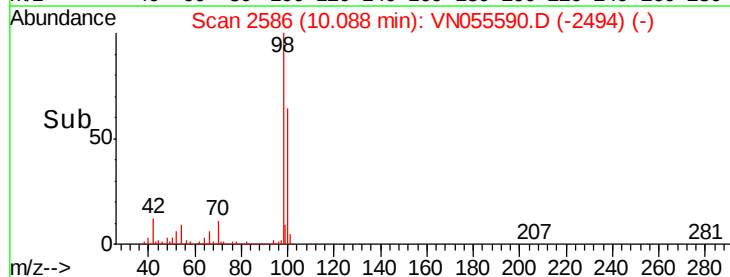
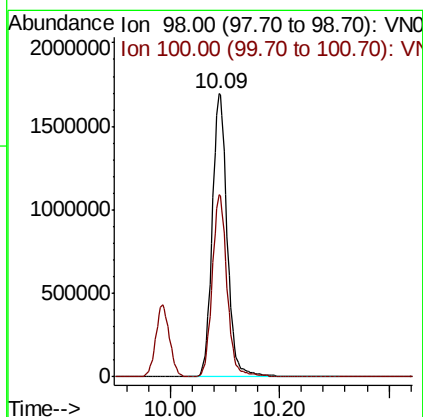
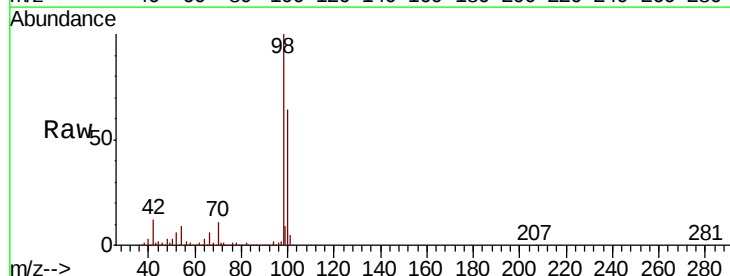
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

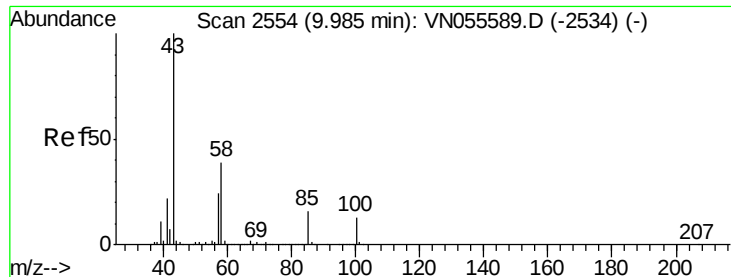
Tot Ion: 88 Resp: 341113
Ion Ratio Lower Upper
88 100
43 33.0 25.4 38.0
58 74.3 59.4 89.2



#50
Toluene-d8
Concen: 101.065 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

Tgt Ion: 98 Resp: 3215872
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 450.492 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

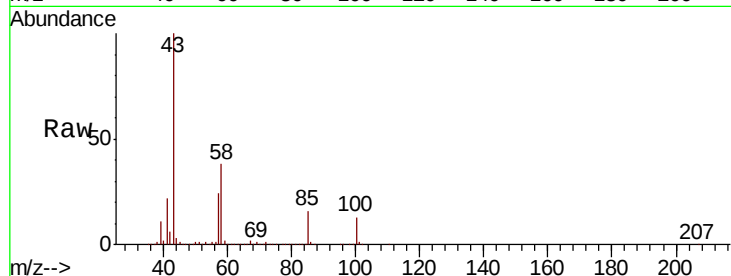
VSTDIC100

Tot Ion: 43 Resp: 5926395

Ion Ratio Lower Upper

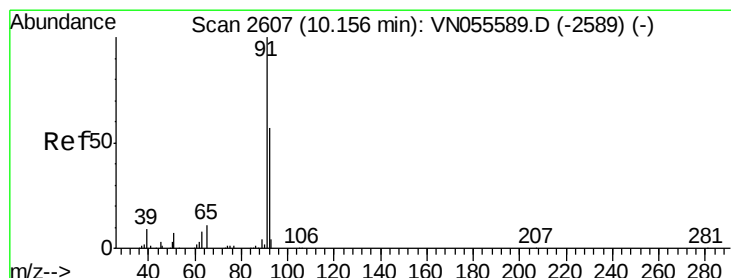
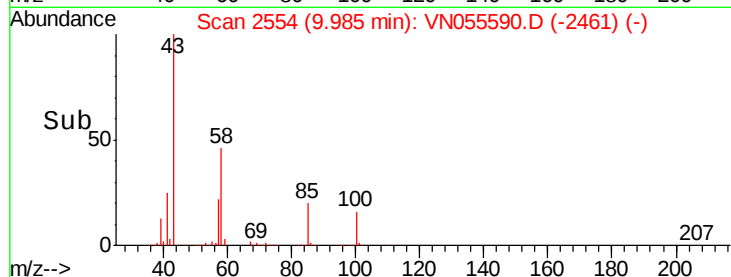
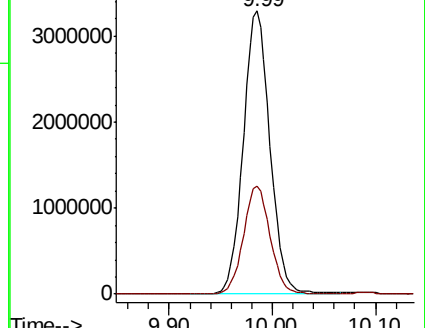
43 100

58 38.3 30.6 46.0



Abundance Ion 43.00 (42.70 to 43.70): VN055589.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN055589.D (-2534) (-)



#52

Toluene

Concen: 100.393 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055590.D

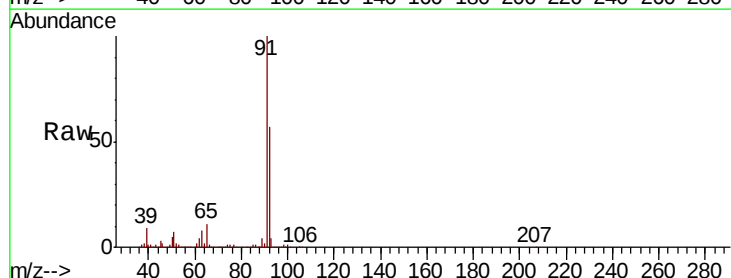
Acq: 14 May 2019 13:12

Tgt Ion: 92 Resp: 2210338

Ion Ratio Lower Upper

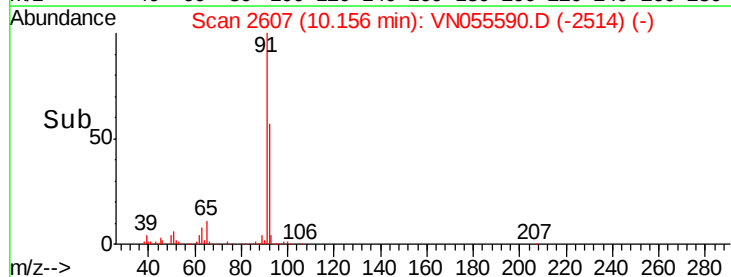
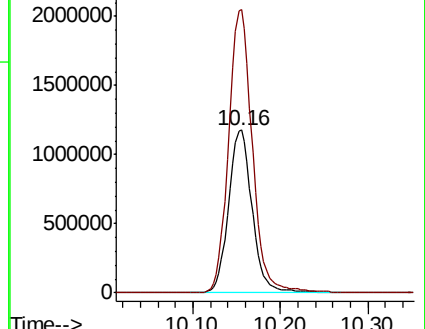
92 100

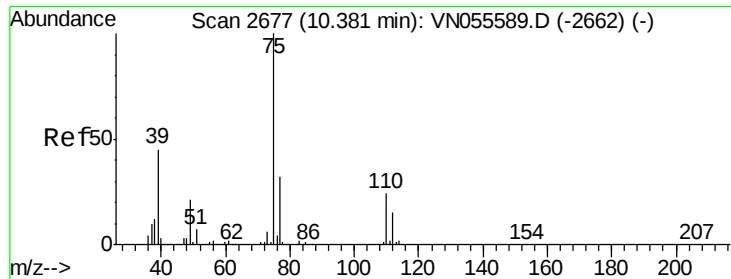
91 176.0 141.5 212.3



Abundance Ion 92.00 (91.70 to 92.70): VN055589.D (-2589) (-)

Ion 91.00 (90.70 to 91.70): VN055589.D (-2589) (-)





#53

t-1,3-Dichloropropene

Concen: 110.301 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

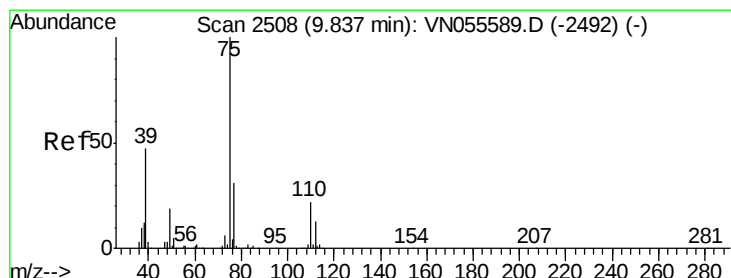
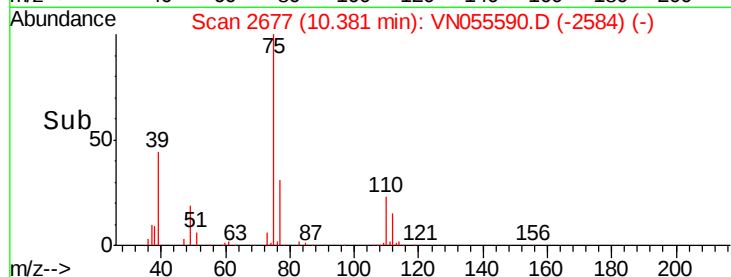
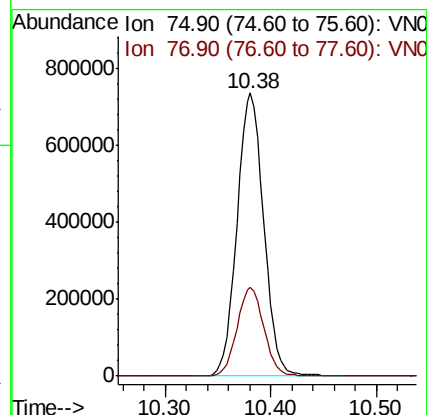
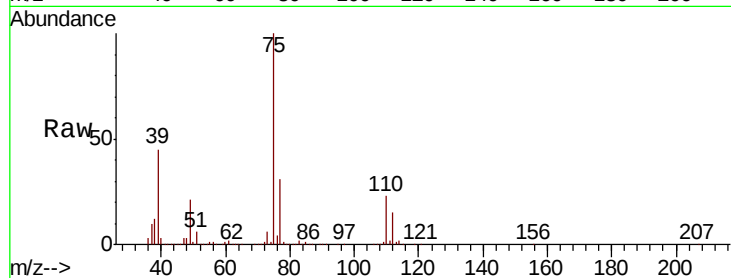
VSTDIC100

Tot Ion: 75 Resp: 1288359

Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 106.795 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

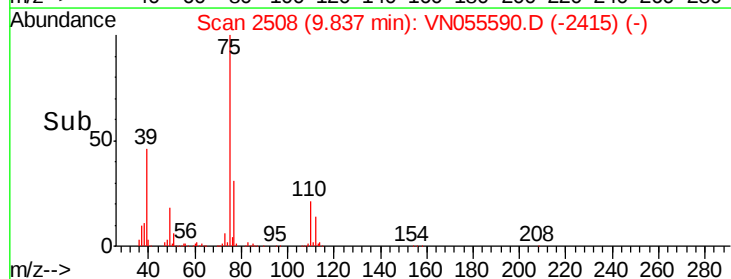
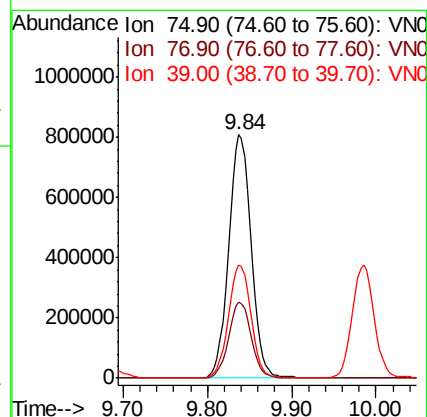
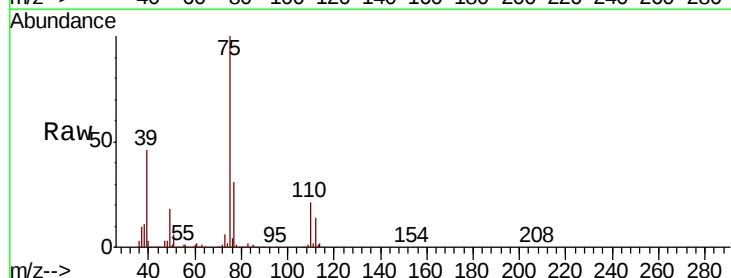
Tgt Ion: 75 Resp: 1495407

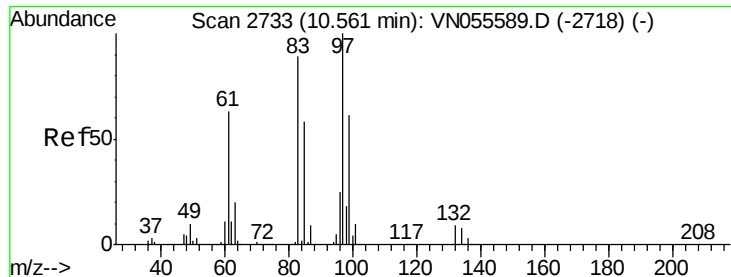
Ion Ratio Lower Upper

75 100

77 31.2 24.5 36.7

39 46.3 37.7 56.5





#55

1,1,2-Trichloroethane

Concen: 96.209 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 97 Resp: 856365

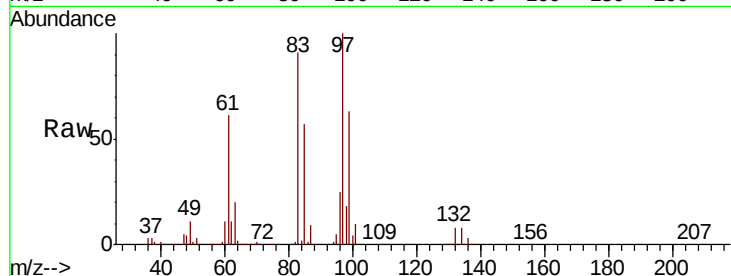
Ion Ratio Lower Upper

97 100

83 90.7 71.5 107.3

85 57.0 46.2 69.4

99 63.1 49.0 73.6

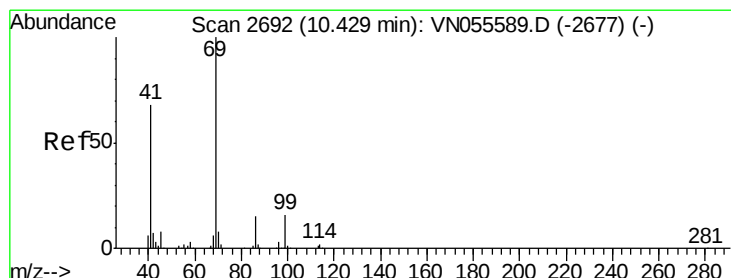
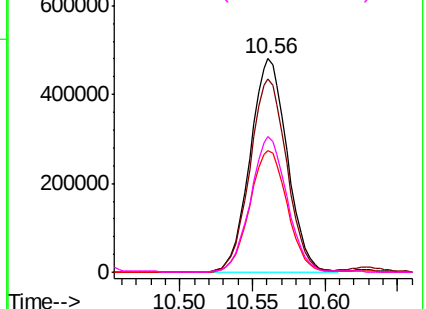
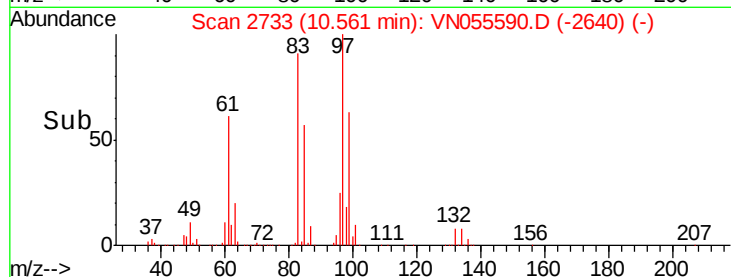


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 103.631 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

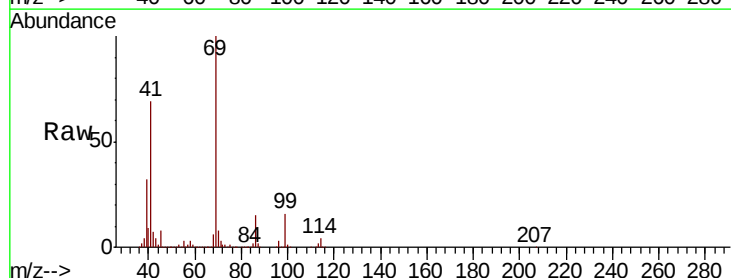
Tgt Ion: 69 Resp: 1358028

Ion Ratio Lower Upper

69 100

41 67.4 54.6 82.0

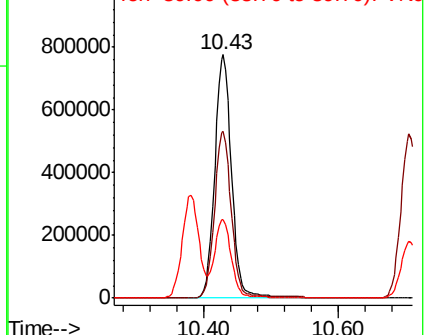
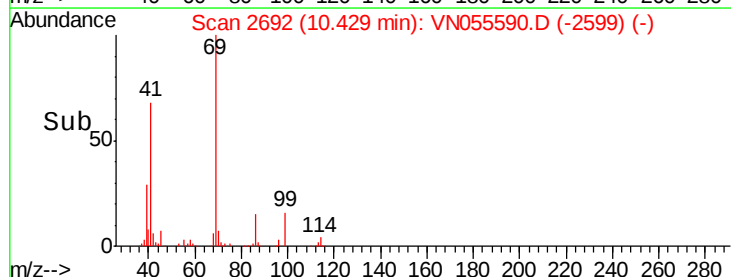
39 31.3 25.5 38.3

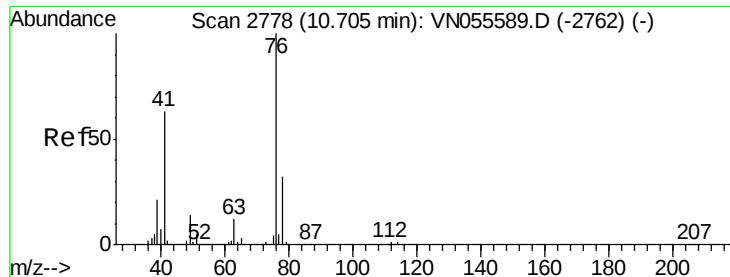


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 96.518 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

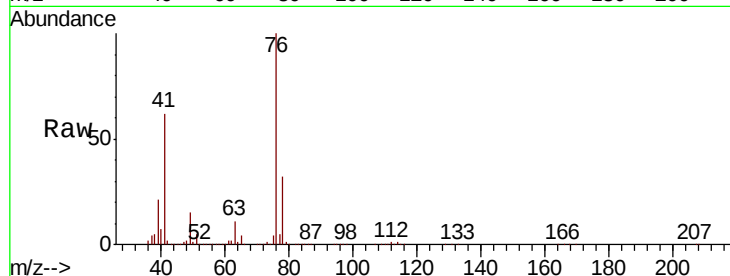
VSTDIC100

Tot Ion: 76 Resp: 1519998

Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN055589.D (-2762) (-)

Ion 77.90 (77.60 to 78.60): VN055589.D (-2762) (-)

10.71

800000

600000

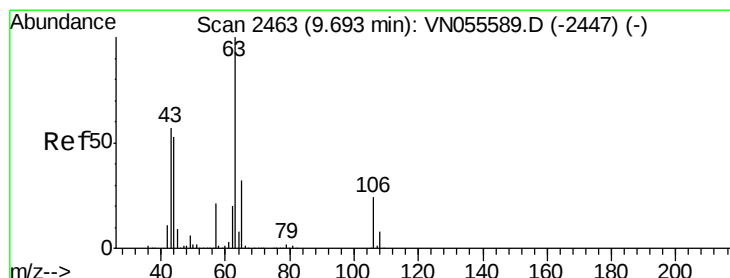
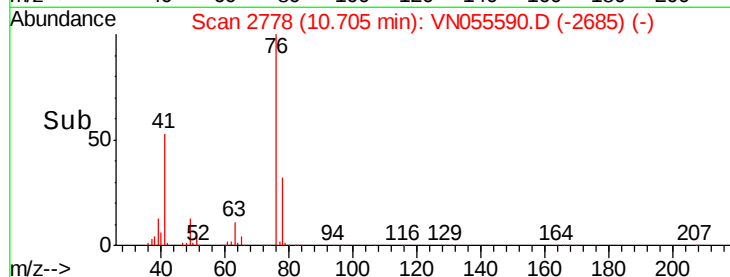
400000

200000

0

Time-->

10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 549.066 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN055590.D

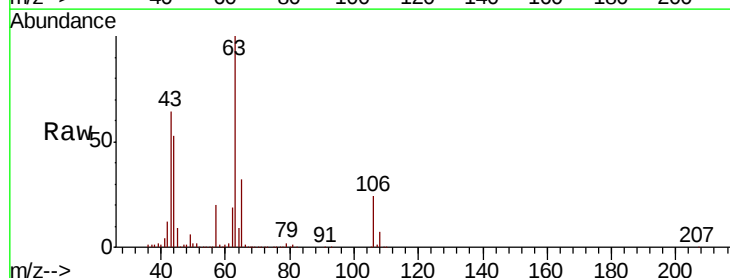
Acq: 14 May 2019 13:12

Tgt Ion: 63 Resp: 1983026

Ion Ratio Lower Upper

63 100

106 24.1 19.0 28.4



Abundance Ion 62.90 (62.60 to 63.60): VN055589.D (-2447) (-)

Ion 105.90 (105.60 to 106.60): VN055589.D (-2447) (-)

9.69

1200000

1000000

800000

600000

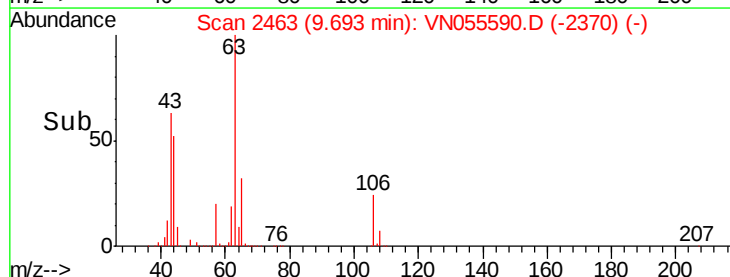
400000

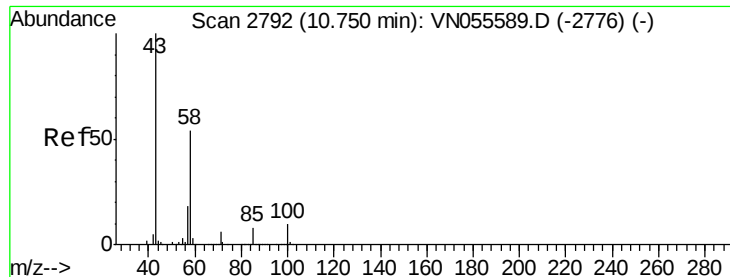
200000

0

Time-->

9.60 9.70 9.80

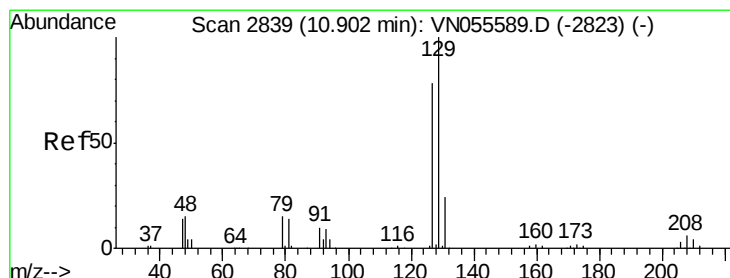
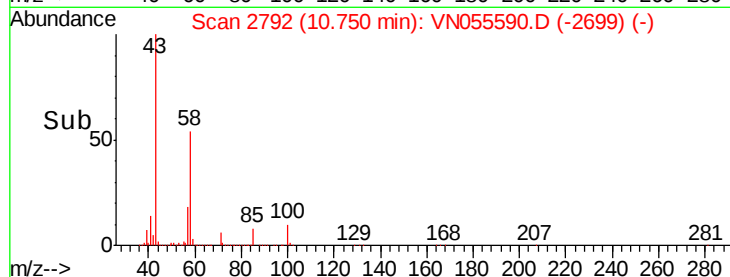
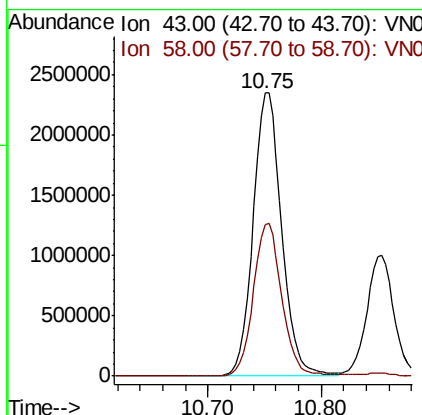
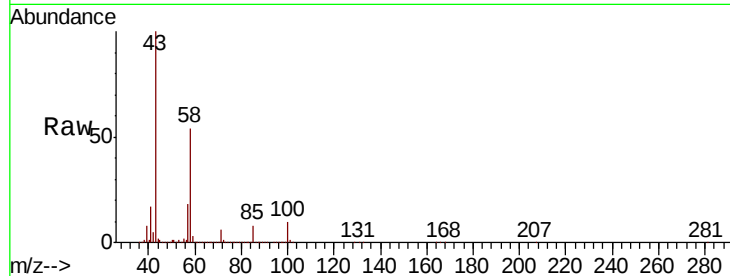




#59
2-Hexanone
Concen: 446.314 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

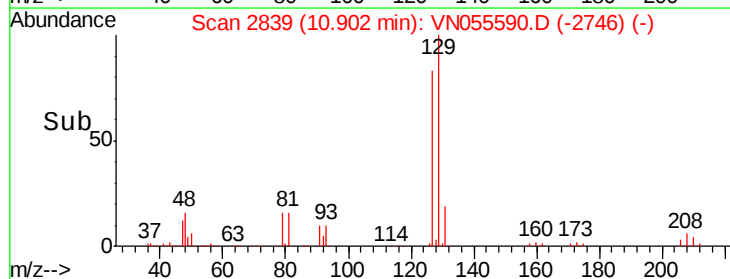
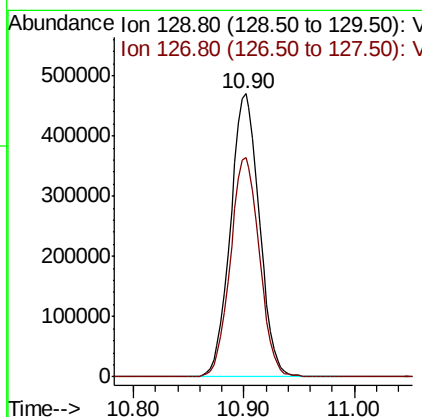
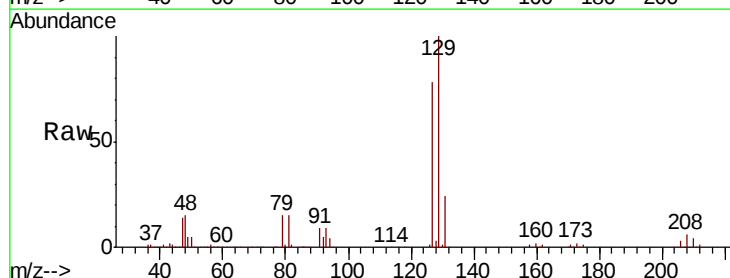
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

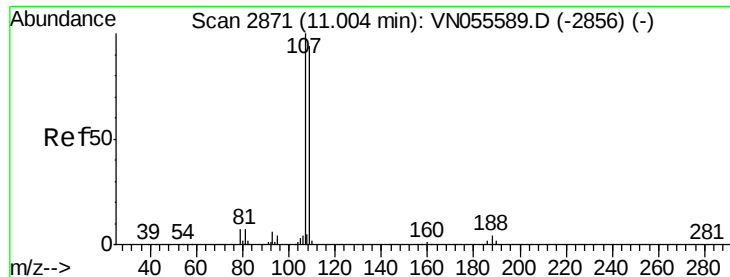
Tot Ion: 43 Resp: 4111448
Ion Ratio Lower Upper
43 100
58 53.9 27.0 80.8



#60
Dibromochloromethane
Concen: 105.601 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

Tgt Ion: 129 Resp: 855188
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2

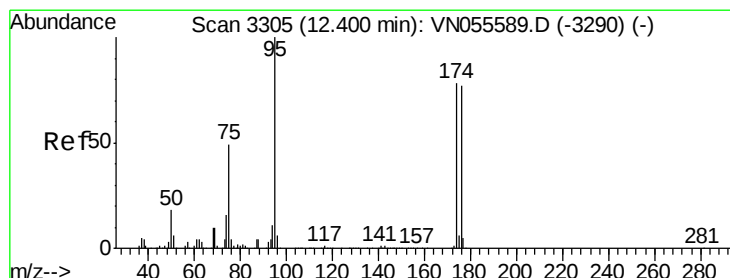
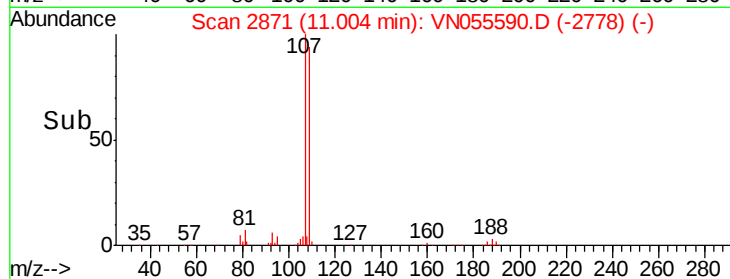
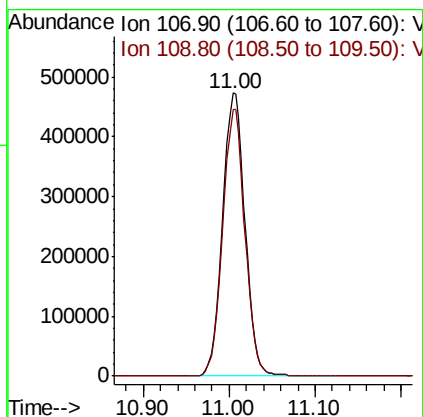
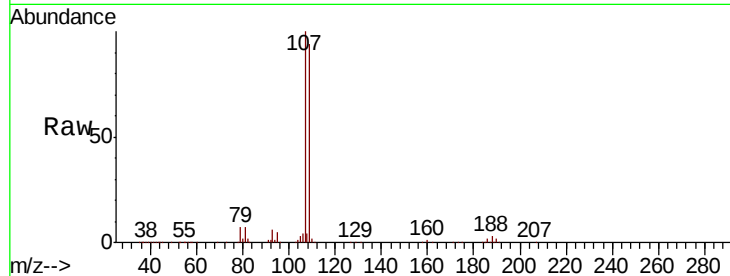




#61
 1,2-Dibromoethane
 Concen: 100.864 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055590.D
 Acq: 14 May 2019 13:12

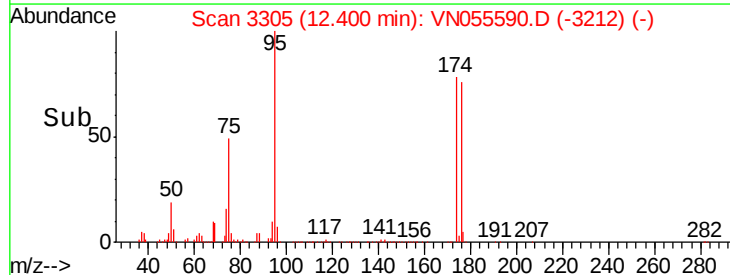
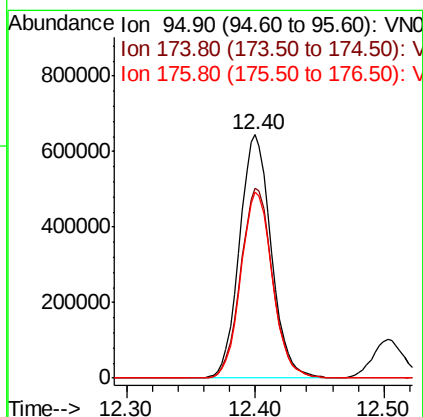
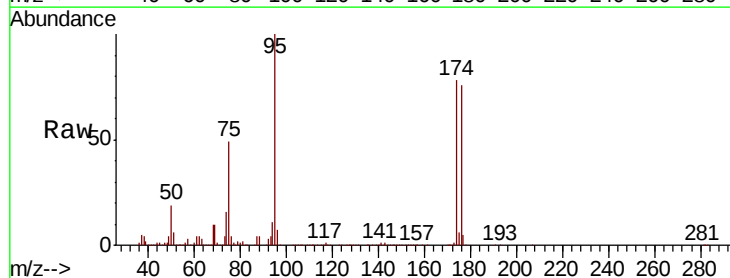
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

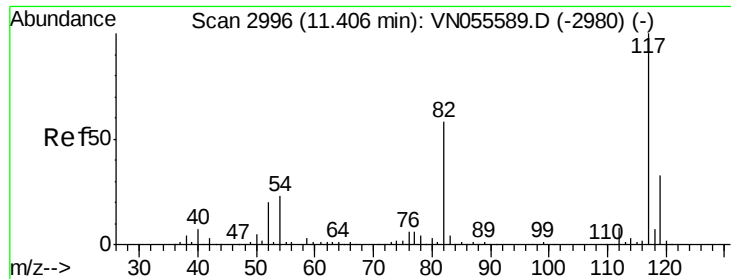
Tot Ion:107 Resp: 860144
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 103.699 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055590.D
 Acq: 14 May 2019 13:12

Tgt Ion: 95 Resp: 1101963
 Ion Ratio Lower Upper
 95 100
 174 78.7 0.0 158.4
 176 76.3 0.0 153.4

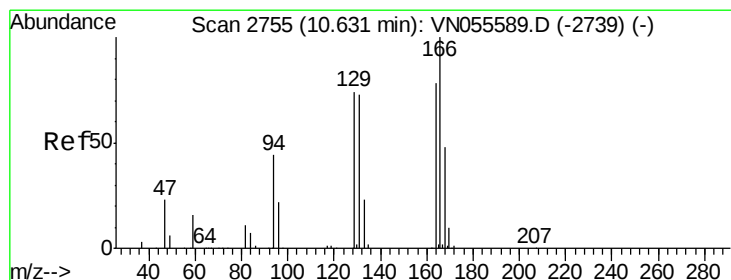
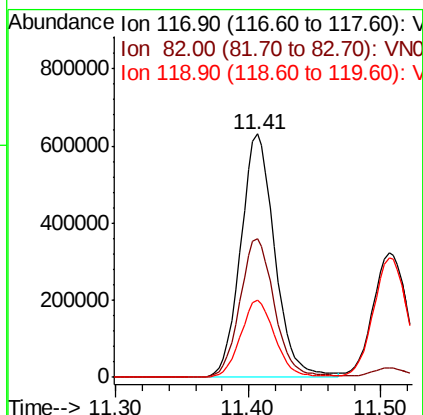
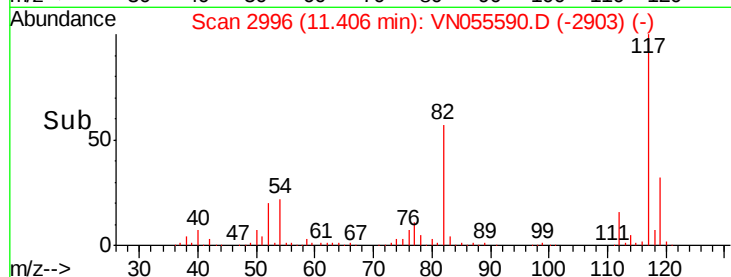
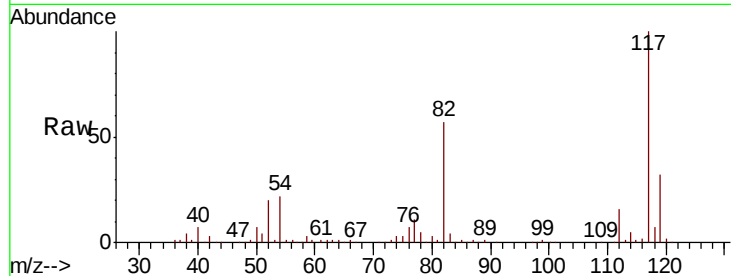




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

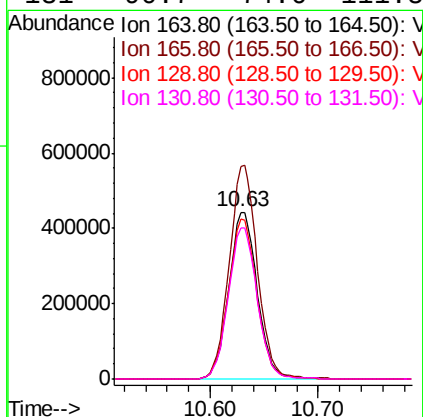
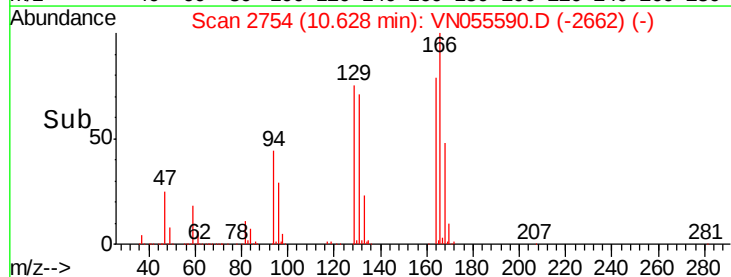
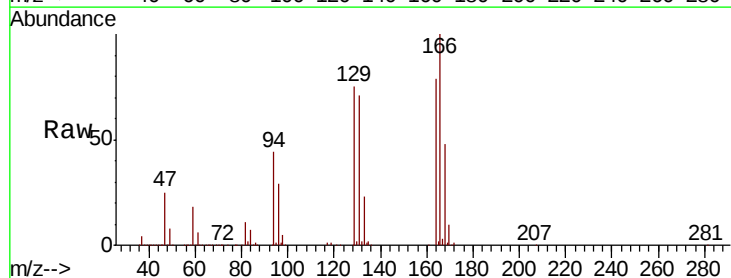
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

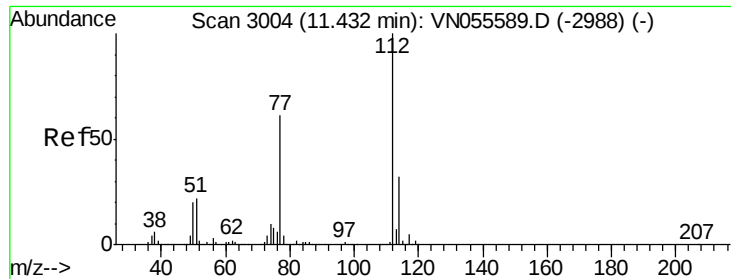
Tot Ion:117 Resp: 1126699
Ion Ratio Lower Upper
117 100
82 56.7 46.7 70.1
119 31.7 26.0 39.0



#64
Tetrachloroethene
Concen: 88.617 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

Tgt Ion:164 Resp: 816372
Ion Ratio Lower Upper
164 100
166 127.1 102.1 153.1
129 95.7 75.8 113.8
131 90.7 74.6 111.8

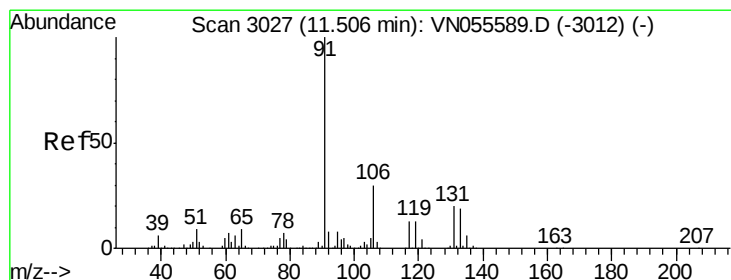
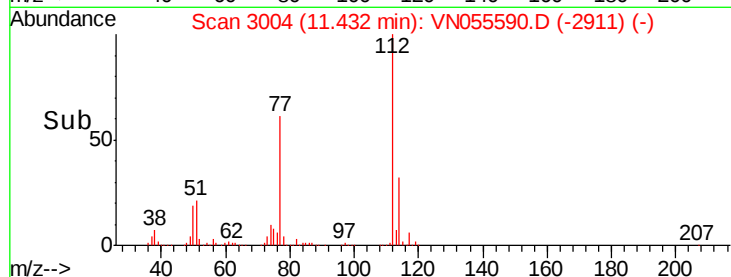
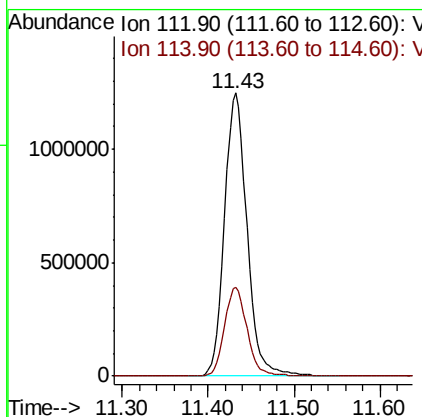
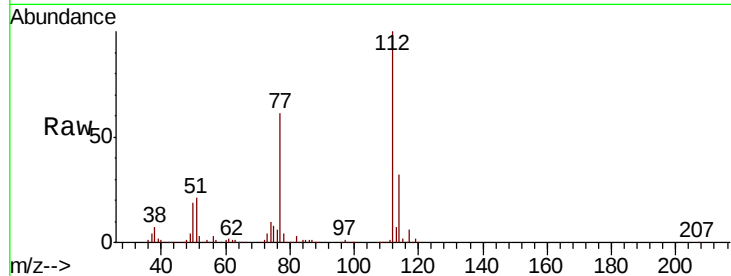




#65
Chlorobenzene
Concen: 98.343 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

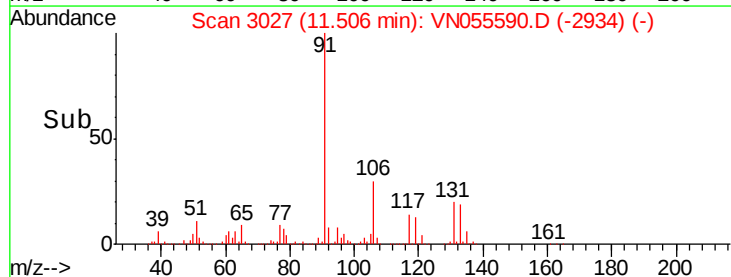
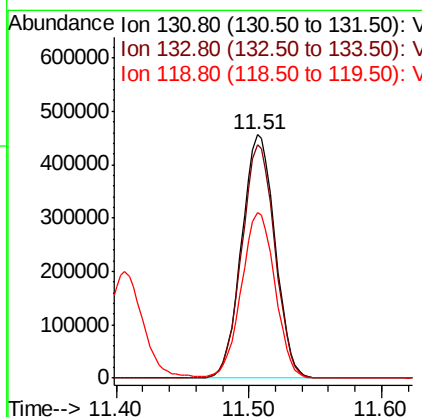
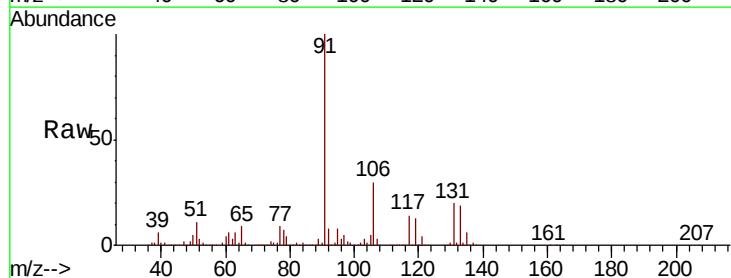
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

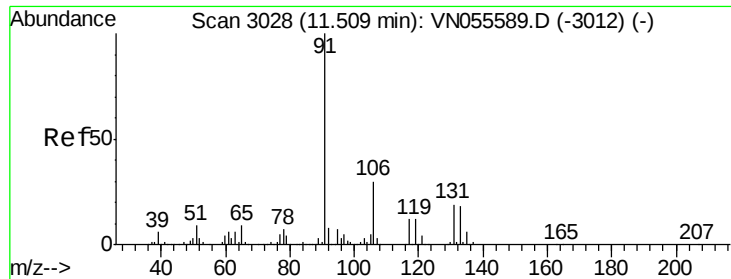
Tot Ion:112 Resp: 2275069
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 100.086 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

Tgt Ion:131 Resp: 799674
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.9
119 68.4 34.2 102.5

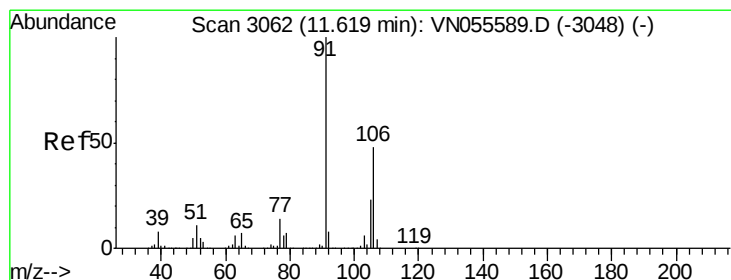
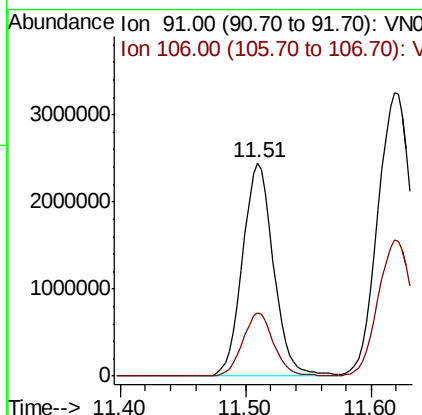
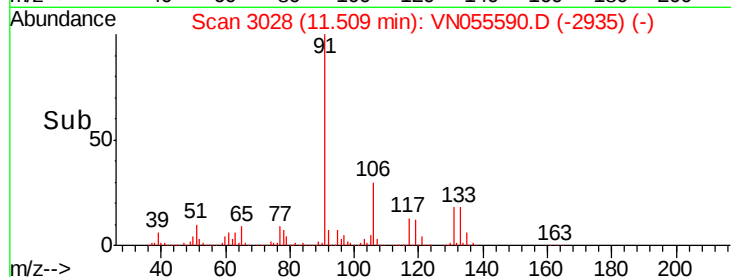
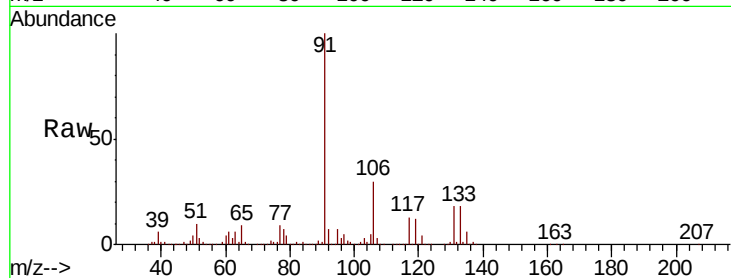




#67
Ethyl Benzene
Concen: 97.748 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

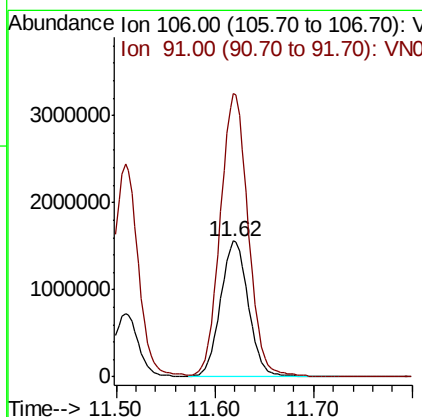
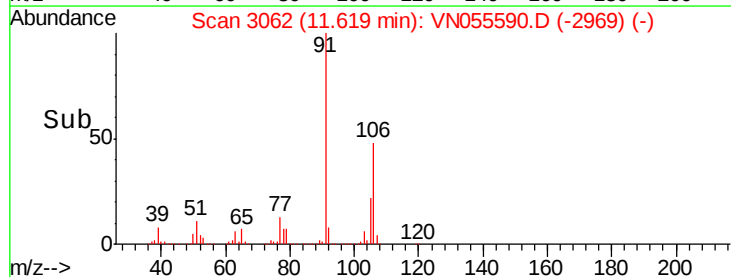
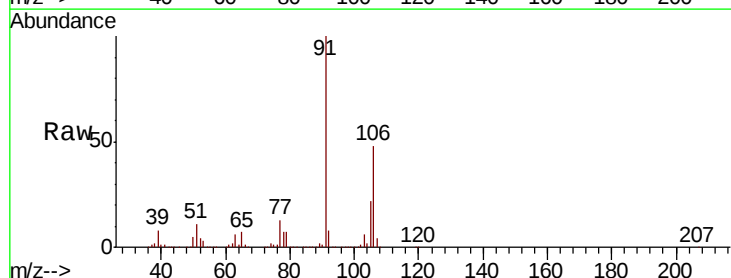
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

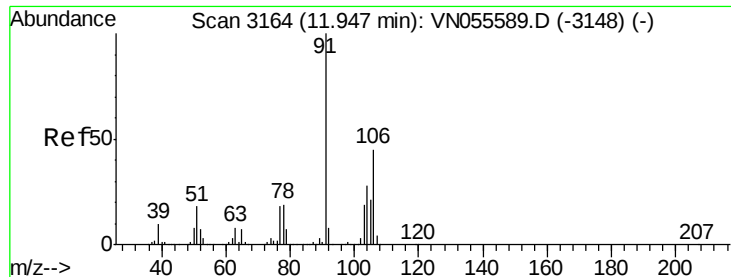
Tot Ion: 91 Resp: 4224987
Ion Ratio Lower Upper
91 100
106 30.0 24.1 36.1



#68
m/p-Xylenes
Concen: 199.398 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

Tgt Ion: 106 Resp: 3101682
Ion Ratio Lower Upper
106 100
91 208.8 167.5 251.3

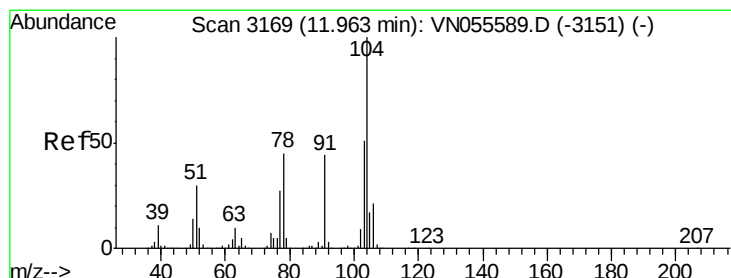
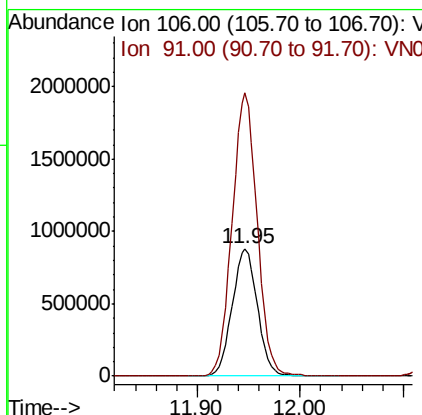
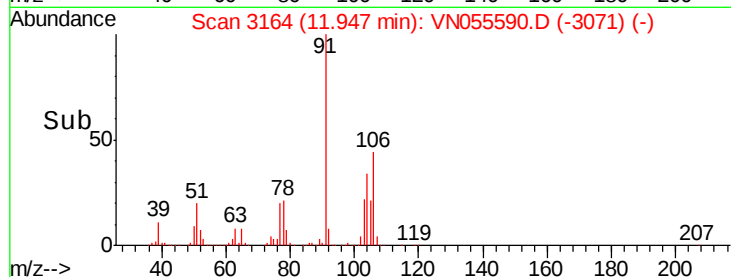
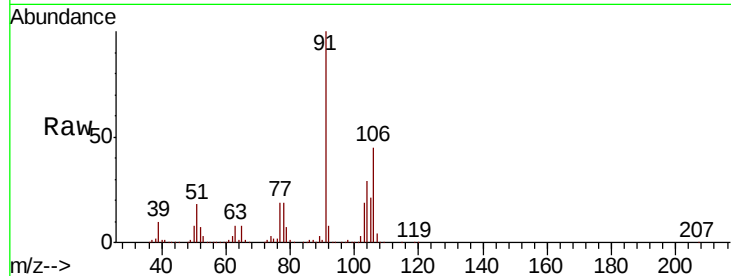




#69
o-Xylene
Concen: 98.435 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

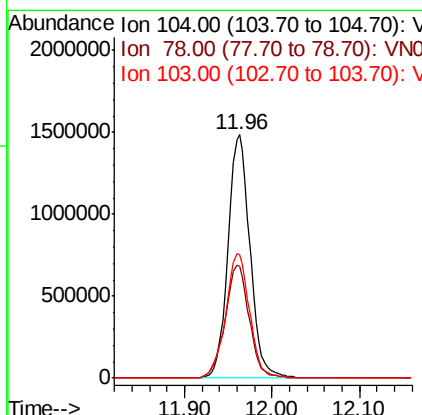
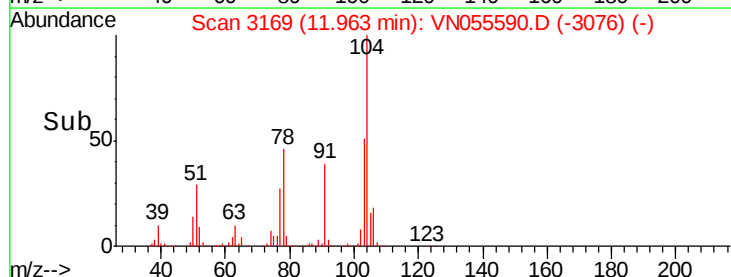
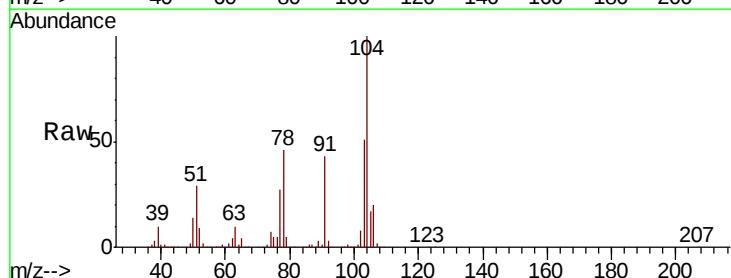
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

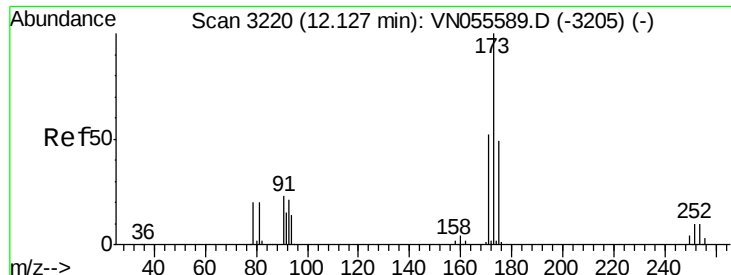
Tot Ion:106 Resp: 1502840
Ion Ratio Lower Upper
106 100
91 220.3 110.2 330.6



#70
Styrene
Concen: 106.309 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

Tgt Ion:104 Resp: 2593867
Ion Ratio Lower Upper
104 100
78 50.7 40.8 61.2
103 55.4 44.6 67.0





#71

Bromoform

Concen: 108.925 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

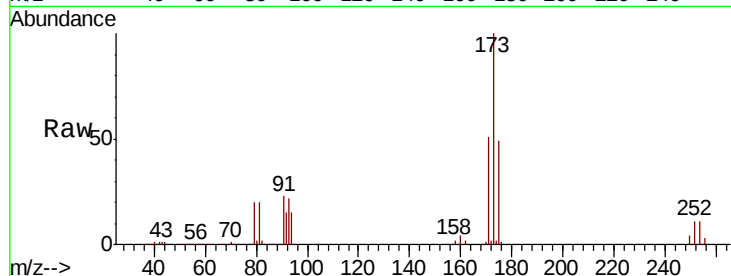
Tot Ion:173 Resp: 582849

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.4

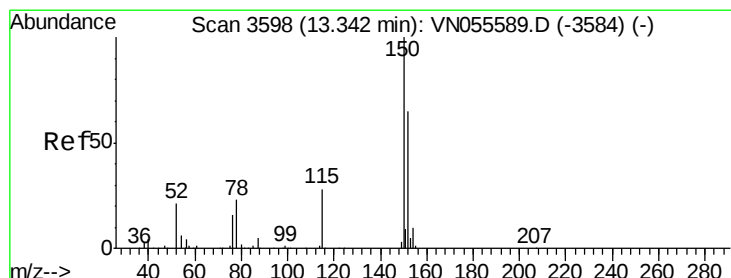
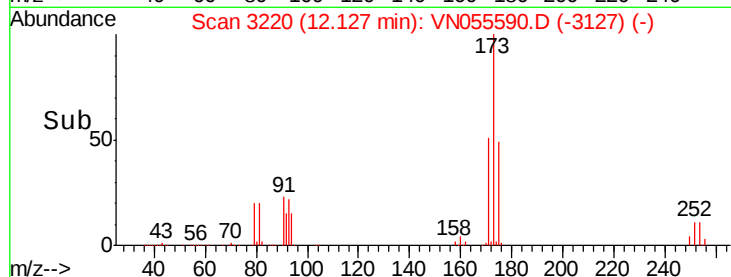
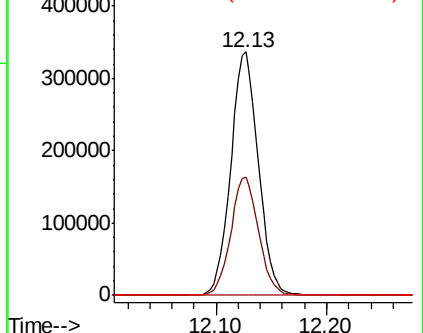
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

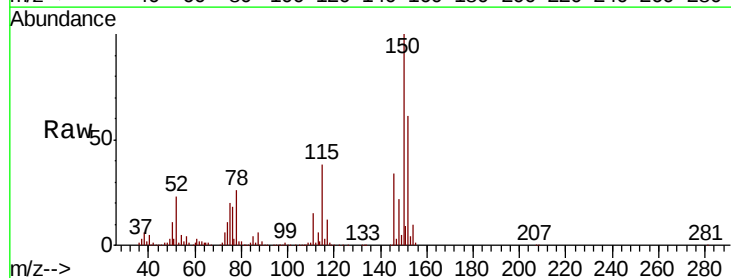
Tgt Ion:152 Resp: 495459

Ion Ratio Lower Upper

152 100

115 60.8 29.8 89.4

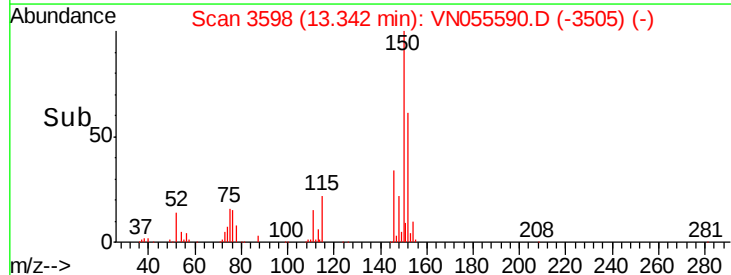
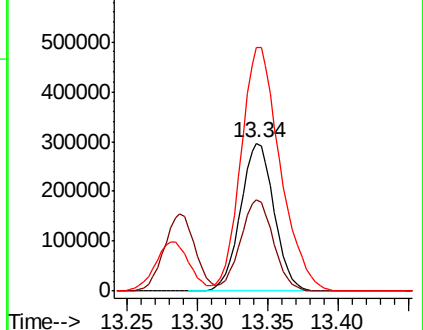
150 191.7 0.0 346.6

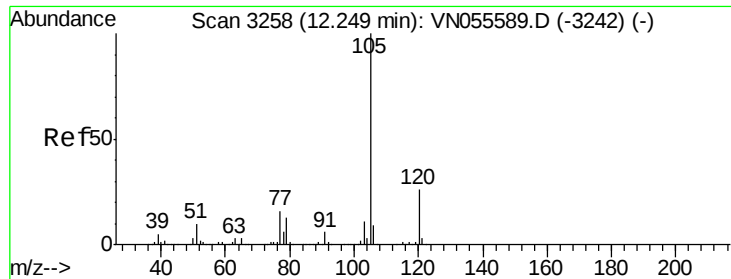


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 81.992 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

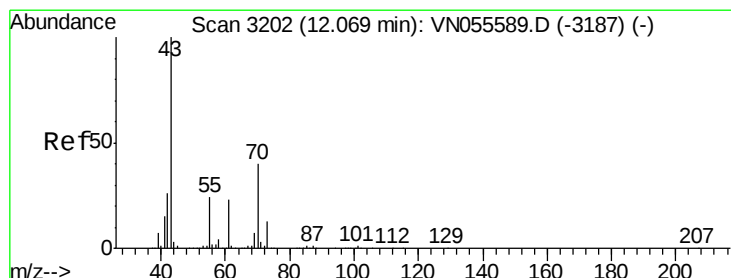
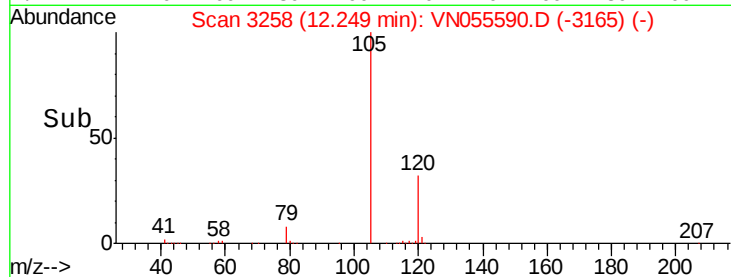
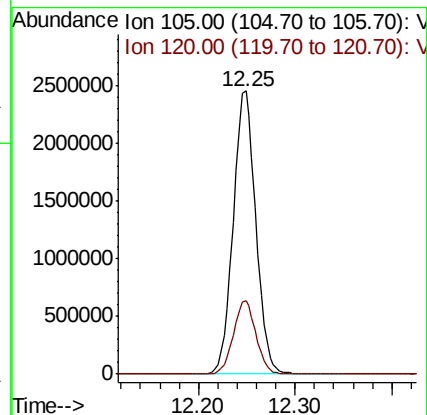
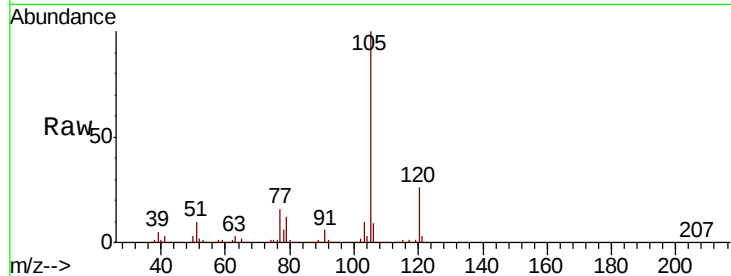
VSTDIC100

Tot Ion:105 Resp: 3969893

Ion Ratio Lower Upper

105 100

120 25.9 13.0 39.0



#74

N-ethyl acetate

Concen: 88.242 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Tgt Ion: 43 Resp: 1620268

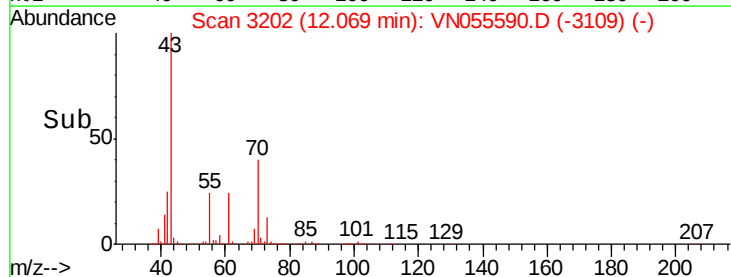
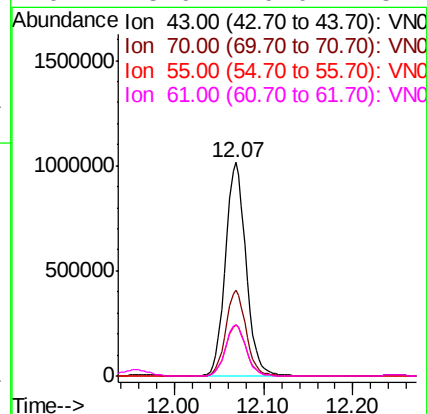
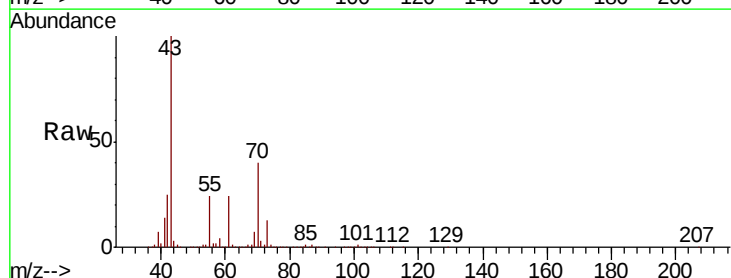
Ion Ratio Lower Upper

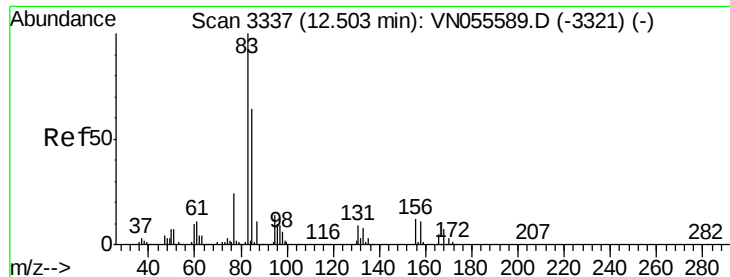
43 100

70 39.8 31.8 47.6

55 24.1 19.7 29.5

61 23.9 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 77.184 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

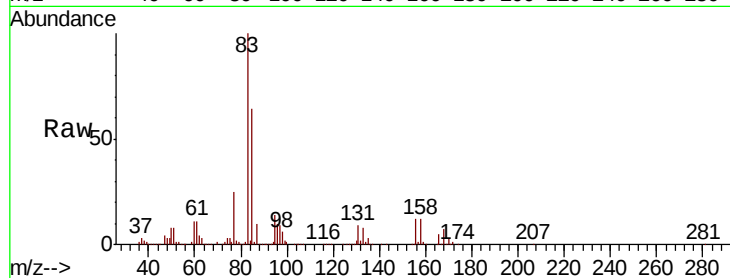
Tot Ion: 83 Resp: 1211432

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.6	13.8
85	64.0	32.2	96.6

83 100

131 9.2 4.6 13.8

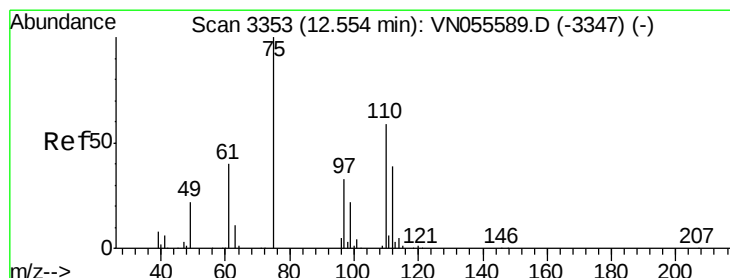
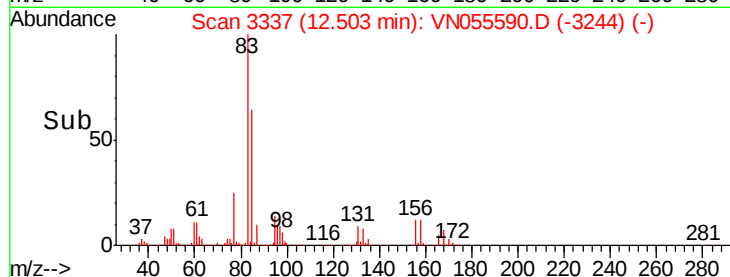
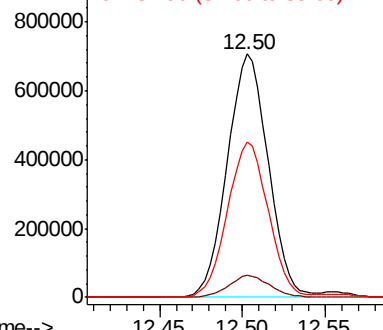
85 64.0 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN055590.D (-3321) (-)

Ion 130.80 (130.50 to 131.50): VN055590.D (-3321) (-)

Ion 84.90 (84.60 to 85.60): VN055590.D (-3321) (-)



#76

1,2,3-Trichloropropane

Concen: 111.775 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055590.D

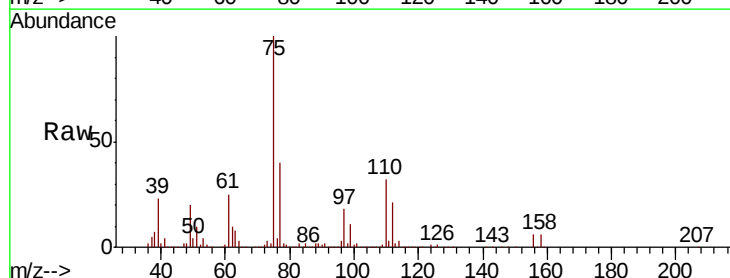
Acq: 14 May 2019 13:12

Tgt Ion: 75 Resp: 1482235

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

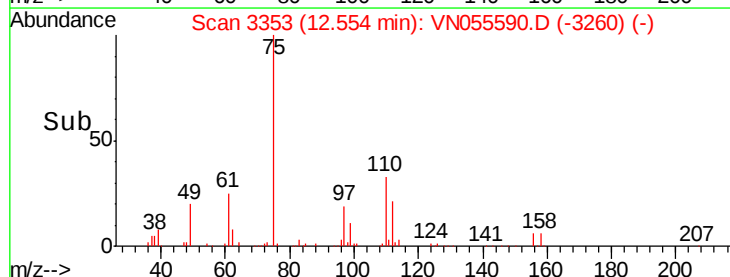
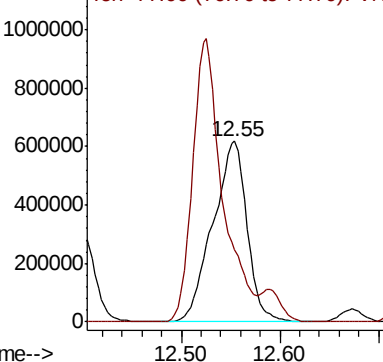
75 100

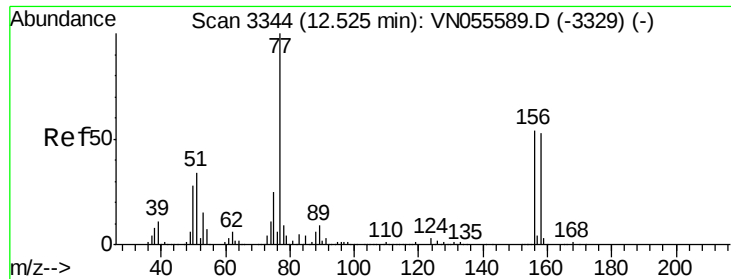
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055590.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN055590.D (-3353) (-)





#77

Bromobenzene

Concen: 86.367 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

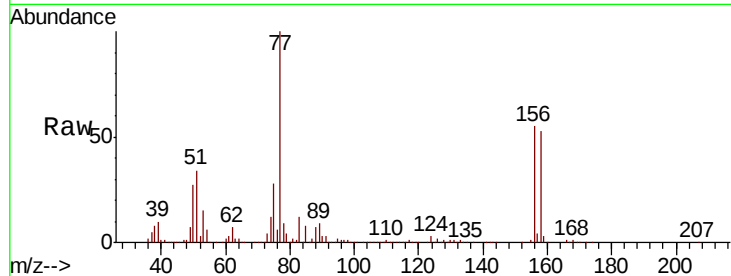
Tot Ion:156 Resp: 942669

Ion Ratio Lower Upper

156 100

77 218.6 108.9 326.7

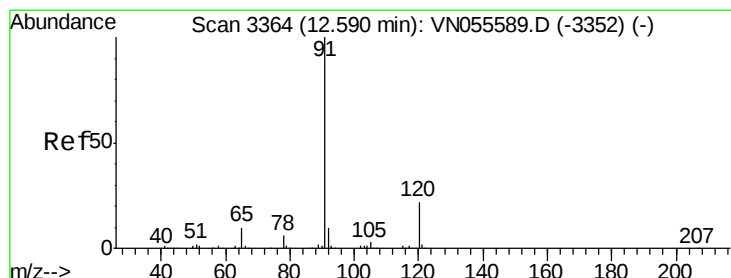
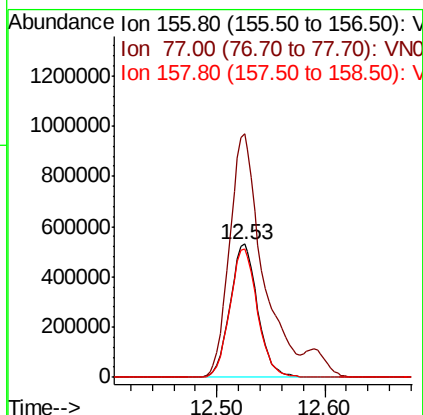
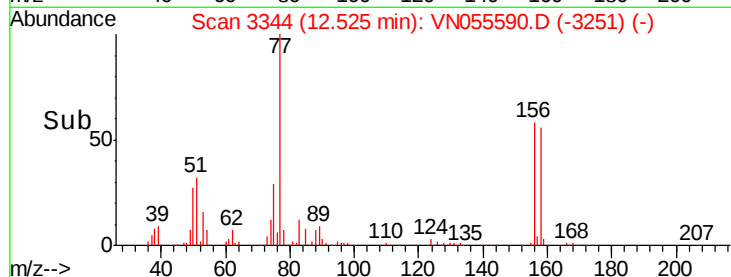
158 97.1 48.1 144.3



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: 86.930 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055590.D

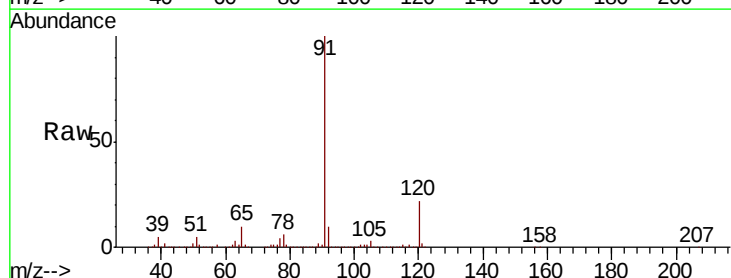
Acq: 14 May 2019 13:12

Tgt Ion: 91 Resp: 4593897

Ion Ratio Lower Upper

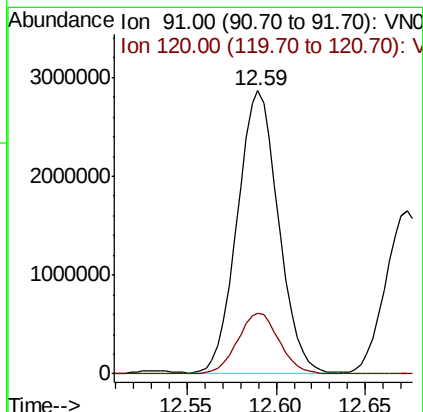
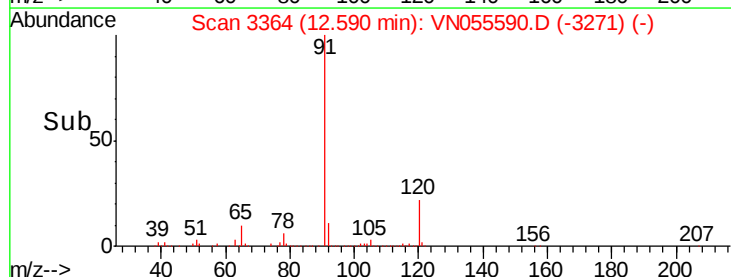
91 100

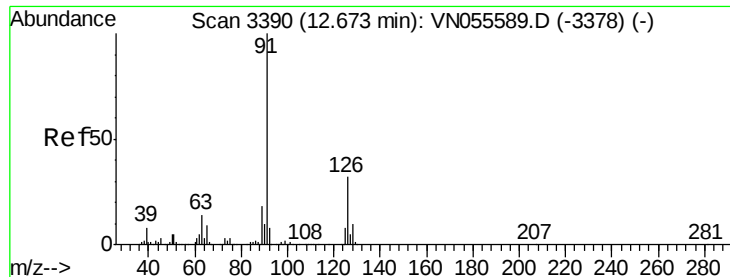
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

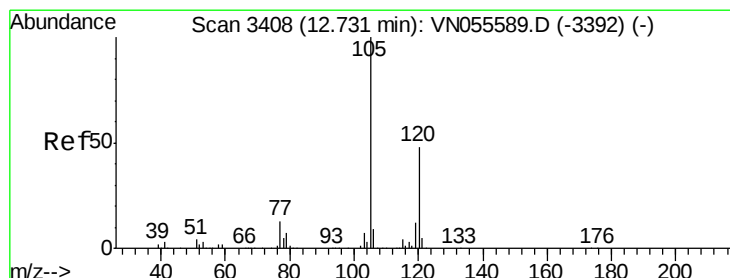
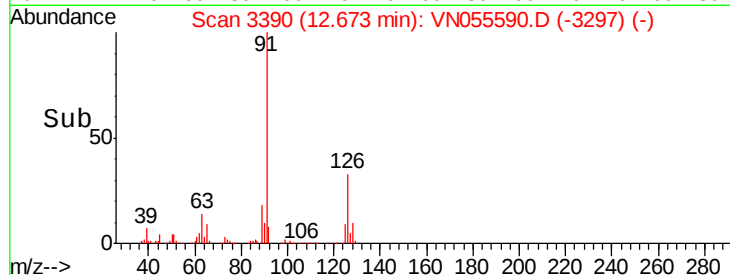
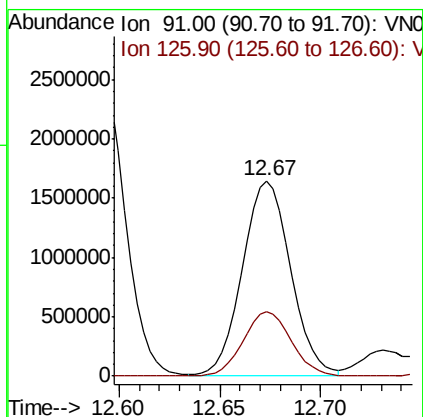
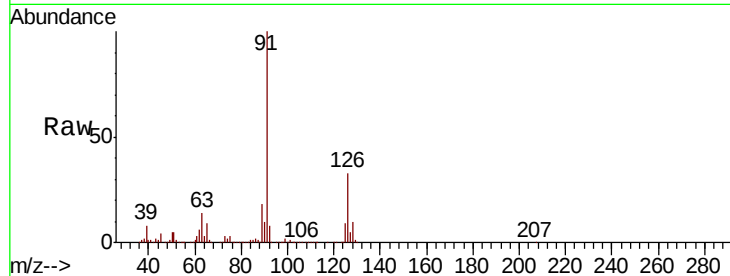




#79
 2-Chlorotoluene
 Concen: 83.412 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055590.D
 Acq: 14 May 2019 13:12

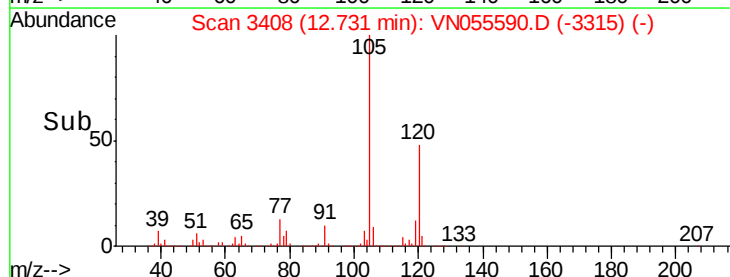
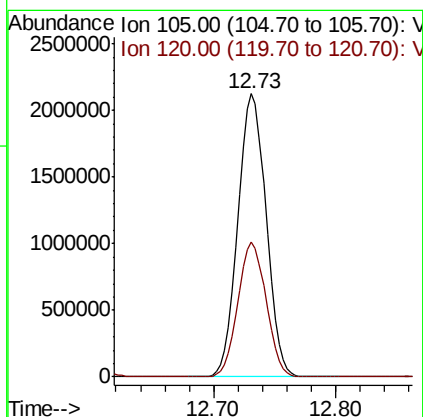
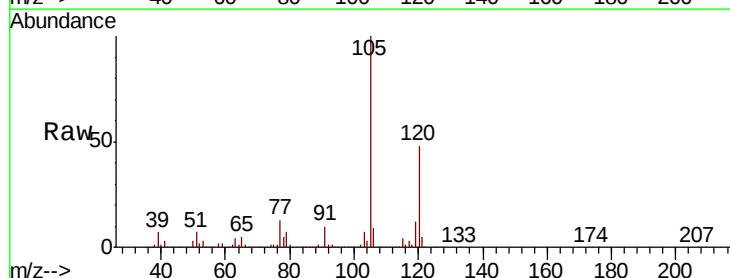
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

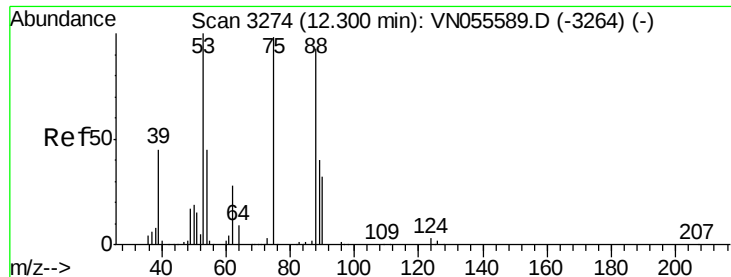
Tot Ion: 91 Resp: 2743036
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 86.125 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055590.D
 Acq: 14 May 2019 13:12

Tgt Ion: 105 Resp: 3388790
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.8 71.2





#81

trans-1,4-Dichloro-2-butene

Concen: 92.863 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

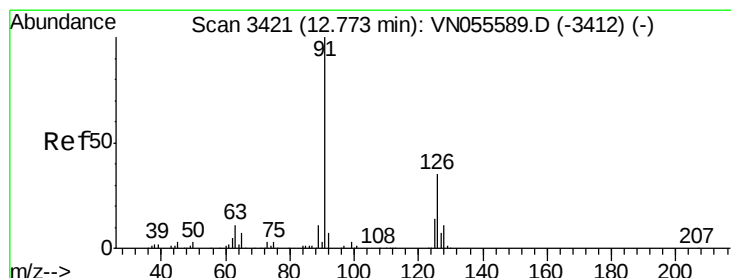
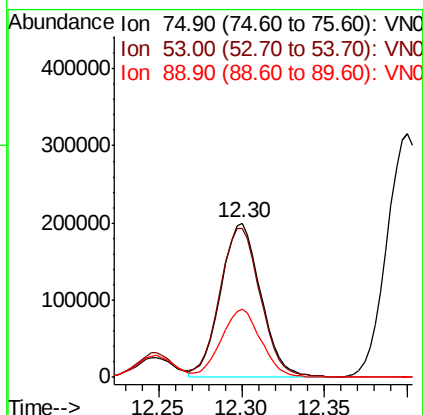
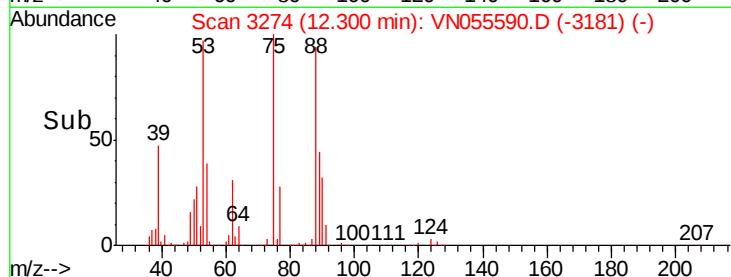
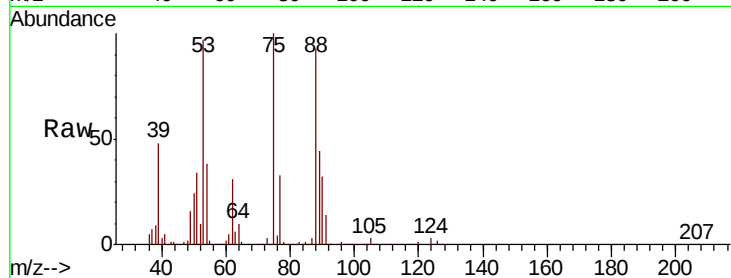
Tot Ion: 75 Resp: 332262

Ion Ratio Lower Upper

75 100

53 99.9 83.9 125.9

89 44.3 34.7 52.1



#82

4-Chlorotoluene

Concen: 88.948 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055590.D

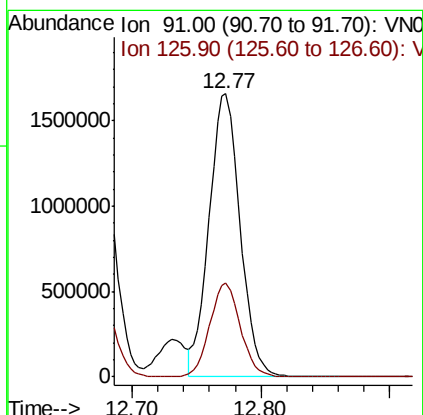
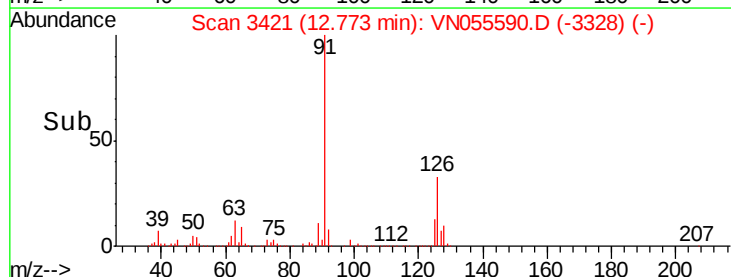
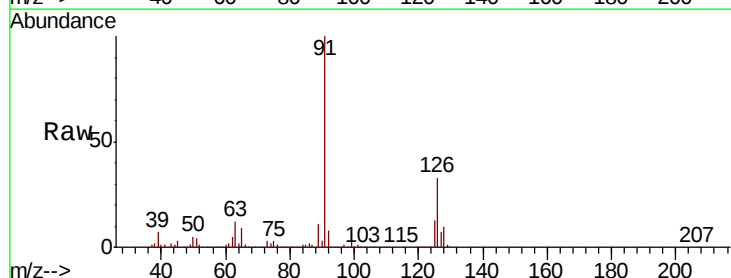
Acq: 14 May 2019 13:12

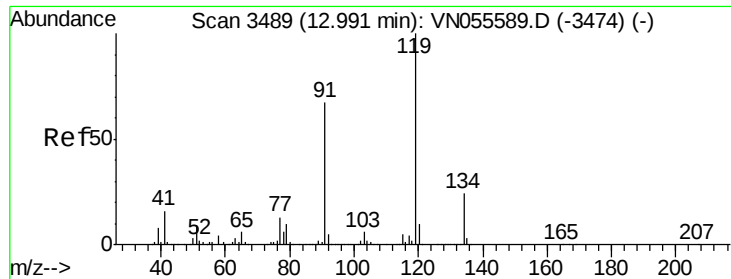
Tgt Ion: 91 Resp: 2765925

Ion Ratio Lower Upper

91 100

126 32.7 16.2 48.6

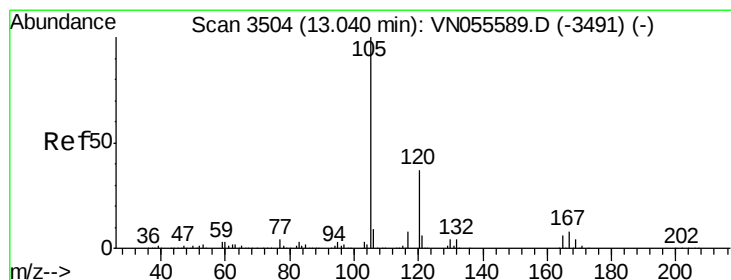
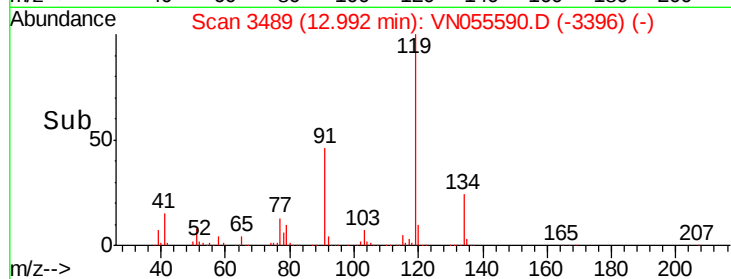
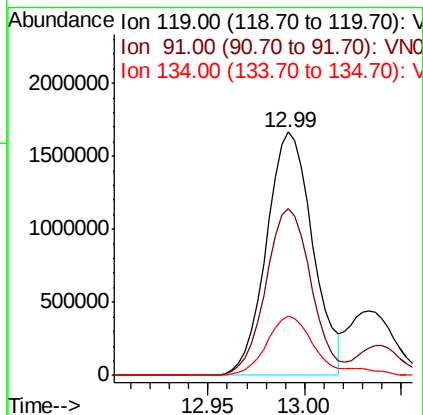
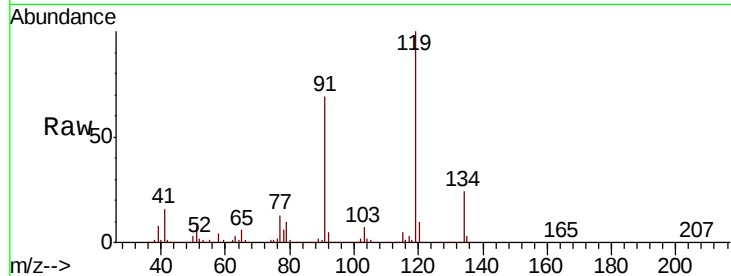




#83
 tert-Butylbenzene
 Concen: 82.119 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055590.D
 Acq: 14 May 2019 13:12

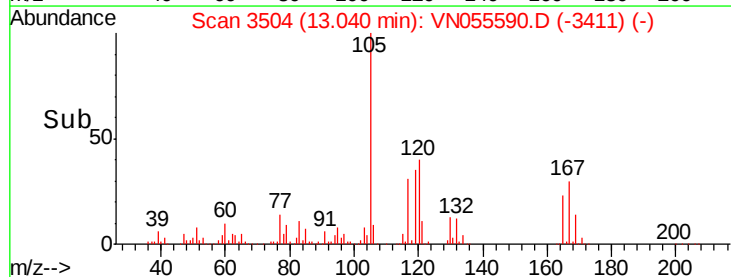
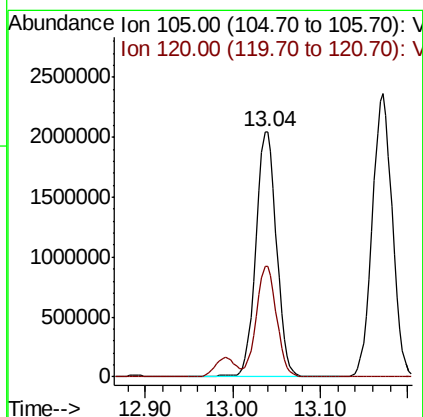
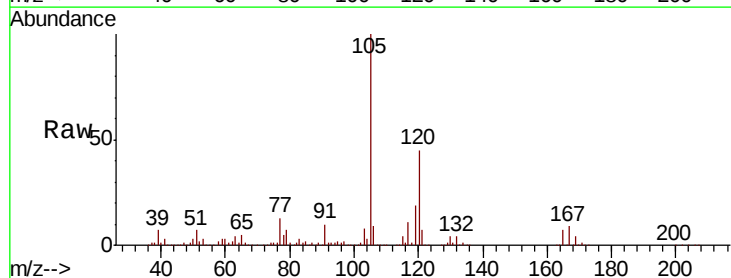
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

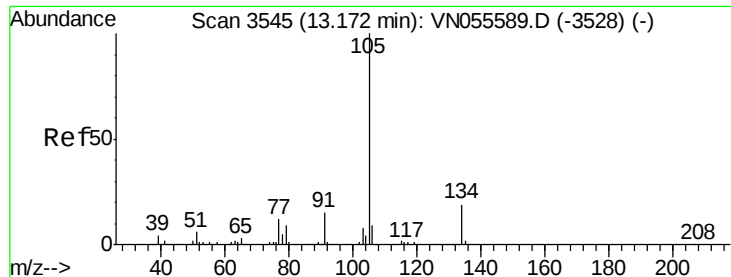
Tot Ion:119 Resp: 2766474
 Ion Ratio Lower Upper
 119 100
 91 67.5 33.5 100.4
 134 26.0 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 92.767 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055590.D
 Acq: 14 May 2019 13:12

Tgt Ion:105 Resp: 3346534
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 83.689 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

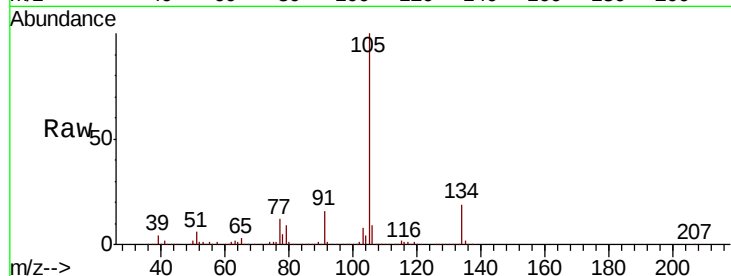
VSTDIC100

Tot Ion:105 Resp: 3741966

Ion Ratio Lower Upper

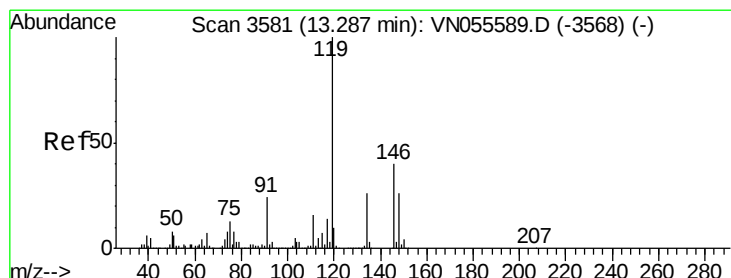
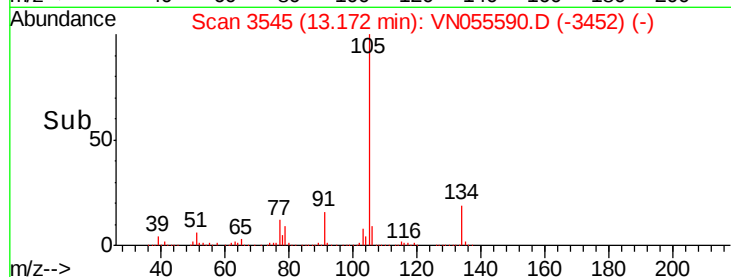
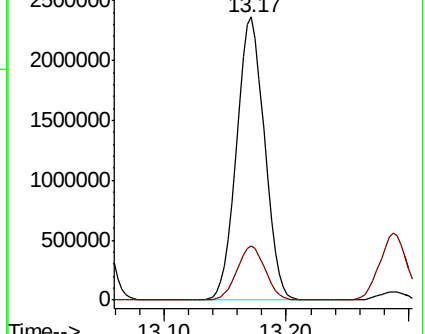
105 100

134 19.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 90.703 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

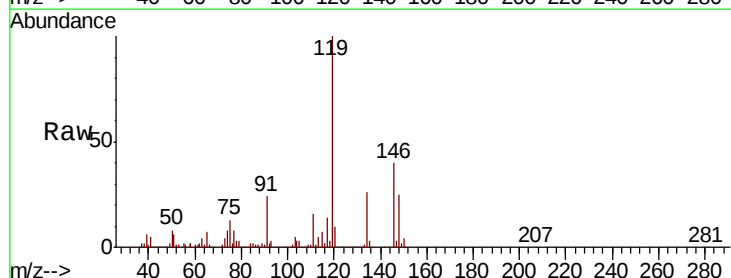
Tgt Ion:119 Resp: 3300037

Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

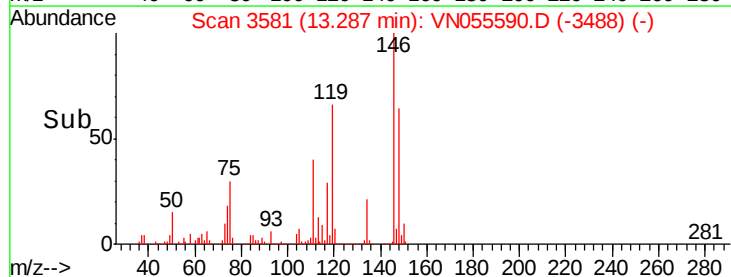
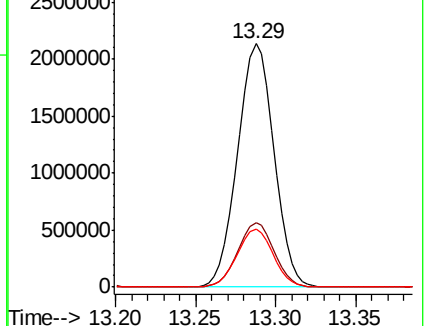
91 23.6 11.9 35.5

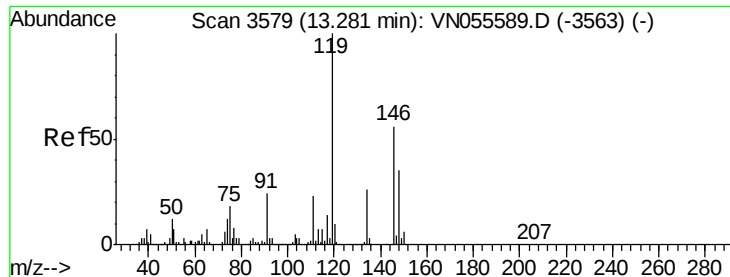


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 97.107 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

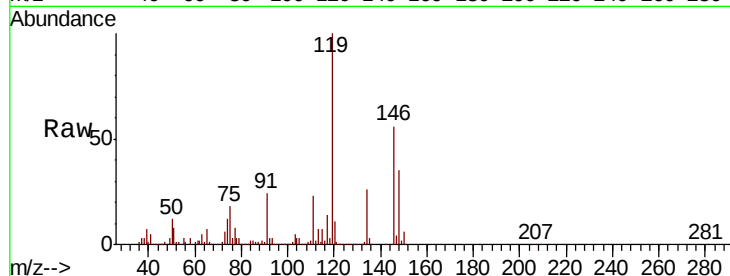
Tot Ion:146 Resp: 1631749

Ion Ratio Lower Upper

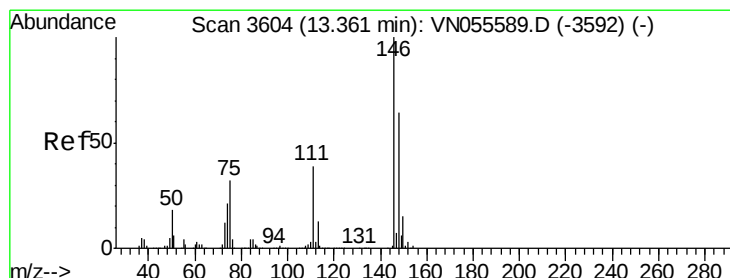
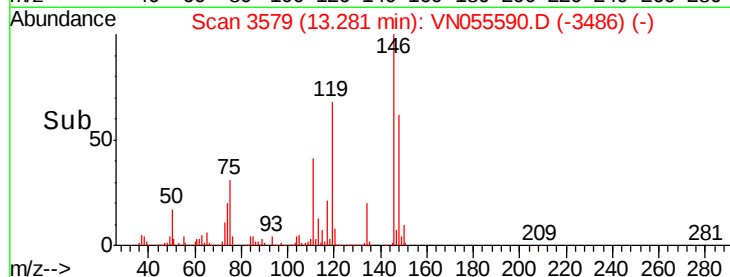
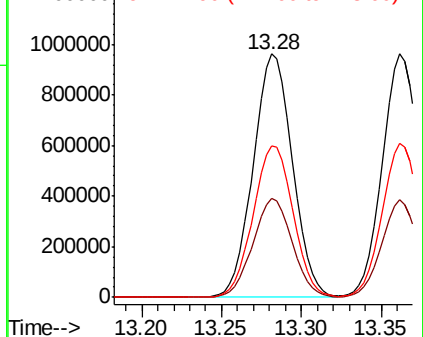
146 100

111 40.4 20.5 61.5

148 63.4 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 95.807 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

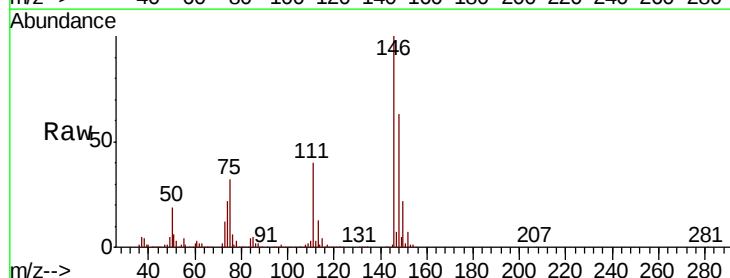
Tgt Ion:146 Resp: 1590679

Ion Ratio Lower Upper

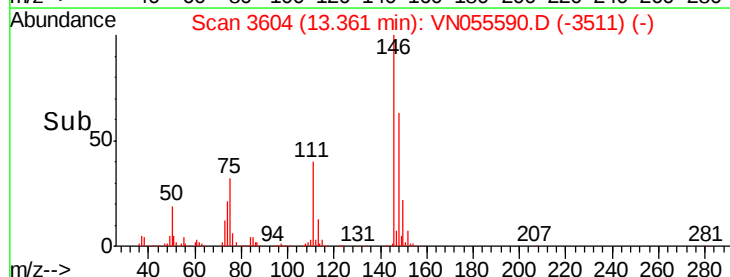
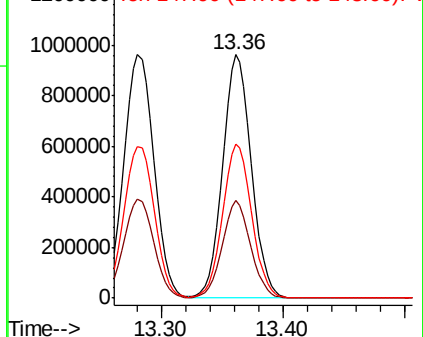
146 100

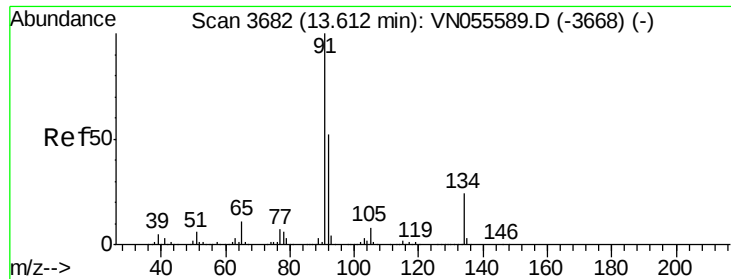
111 39.4 19.7 59.0

148 63.8 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

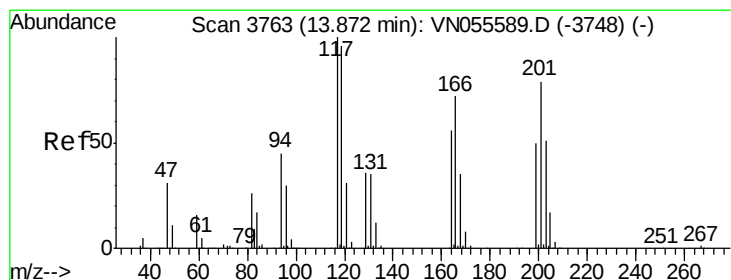
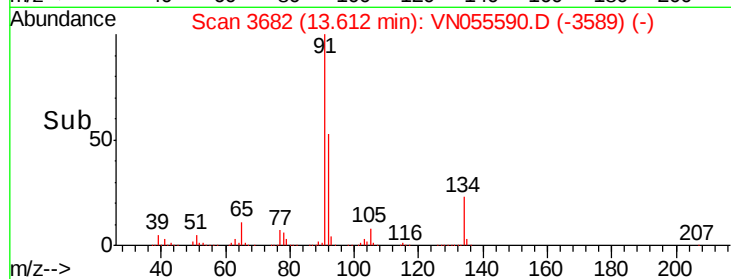
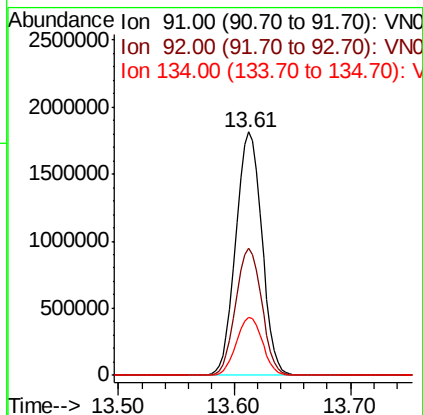
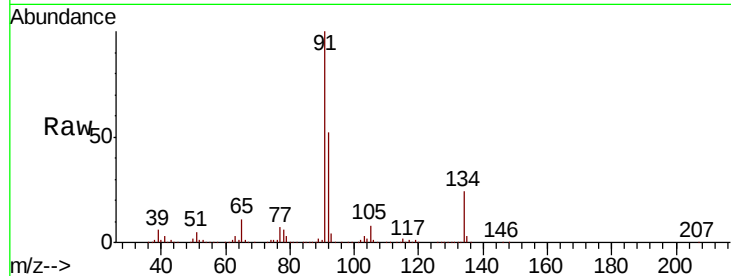




#89
n-Butylbenzene
Concen: 100.879 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

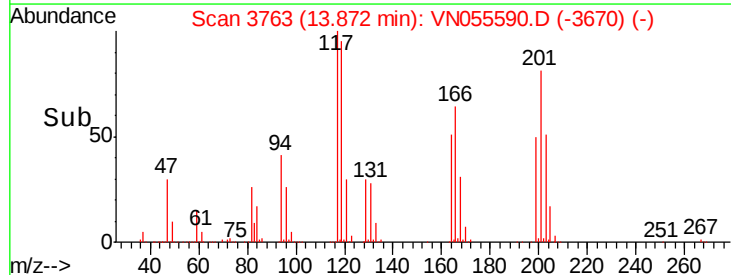
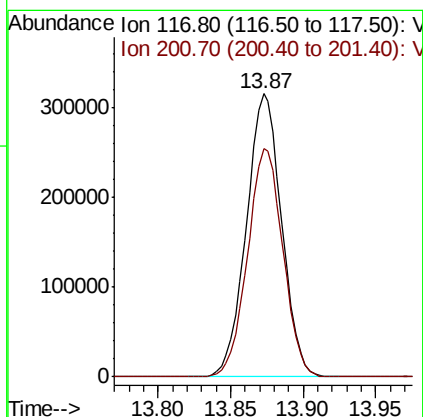
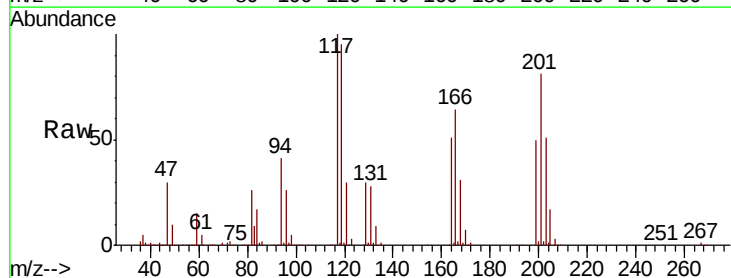
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

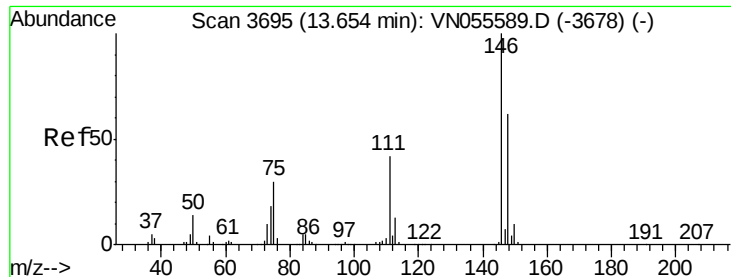
Tot Ion: 91 Resp: 2816734
Ion Ratio Lower Upper
91 100
92 52.2 25.9 77.8
134 24.2 12.2 36.4



#90
Hexachloroethane
Concen: 89.622 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055590.D
Acq: 14 May 2019 13:12

Tgt Ion: 117 Resp: 532615
Ion Ratio Lower Upper
117 100
201 81.1 40.6 121.8





#91

1,2-Dichlorobenzene

Concen: 94.321 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

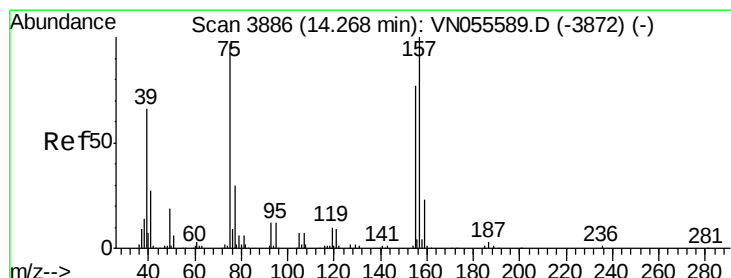
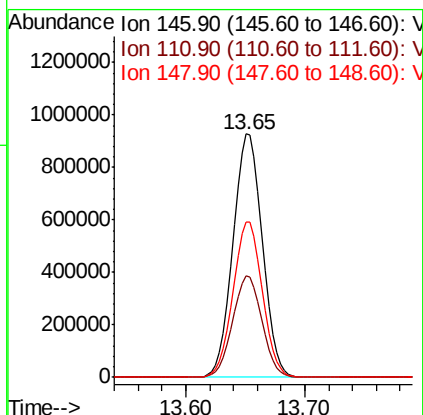
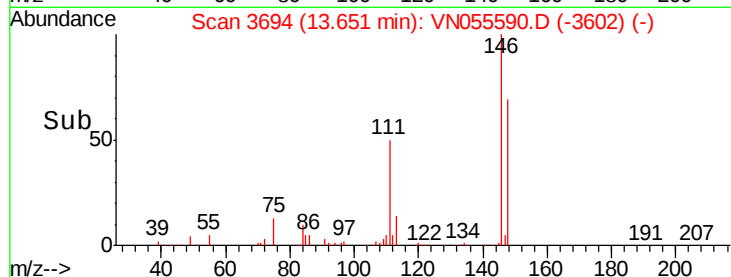
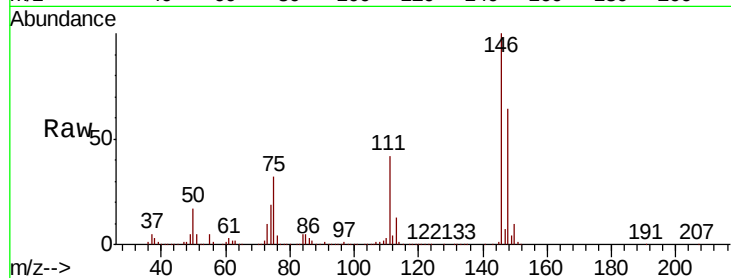
Tot Ion:146 Resp: 1586024

Ion Ratio Lower Upper

146 100

111 41.6 21.0 63.0

148 63.5 31.3 93.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 89.561 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

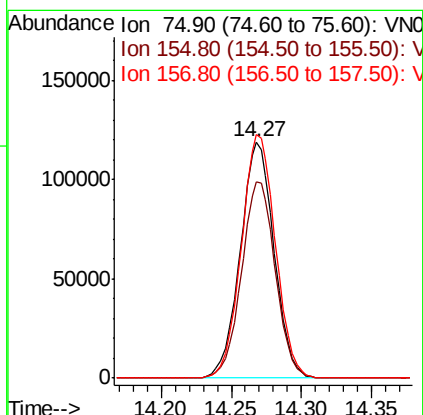
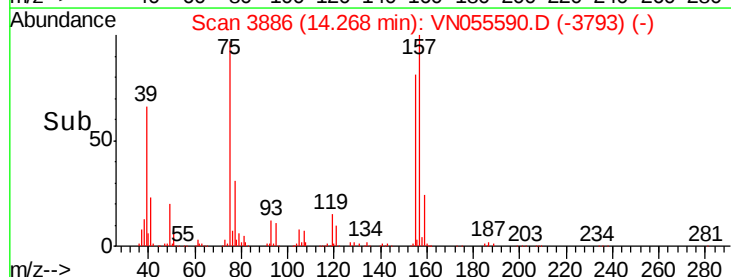
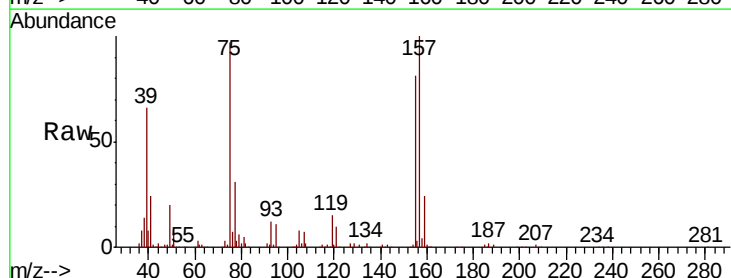
Tgt Ion: 75 Resp: 199400

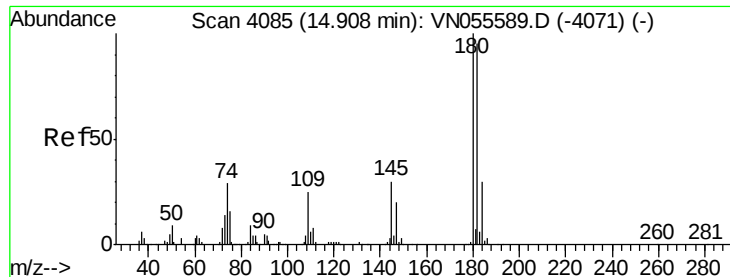
Ion Ratio Lower Upper

75 100

155 83.0 40.4 121.1

157 103.7 52.1 156.4

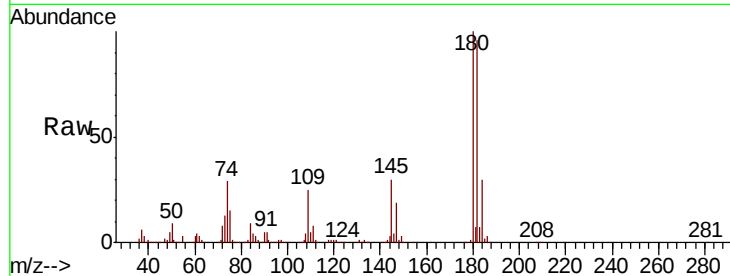




#93
 1,2,4-Trichlorobenzene
 Concen: 130.092 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055590.D
 Acq: 14 May 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.4	142.3
145	30.4	14.9	44.7

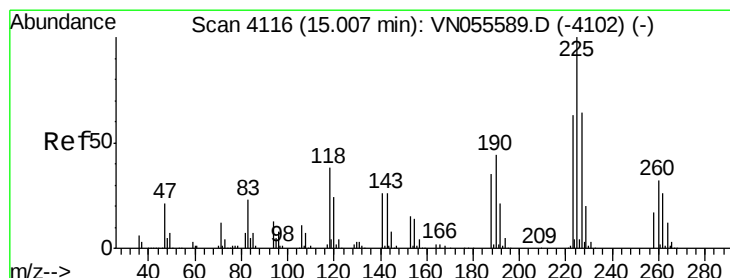
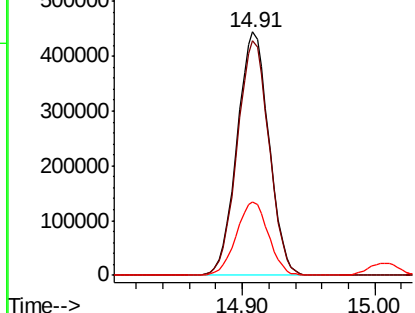
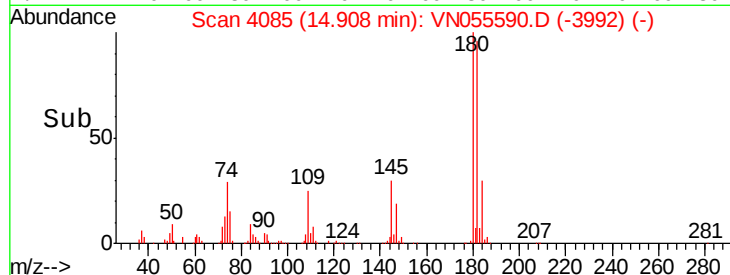


Abundance

Ion 179.80 (179.50 to 180.50): V

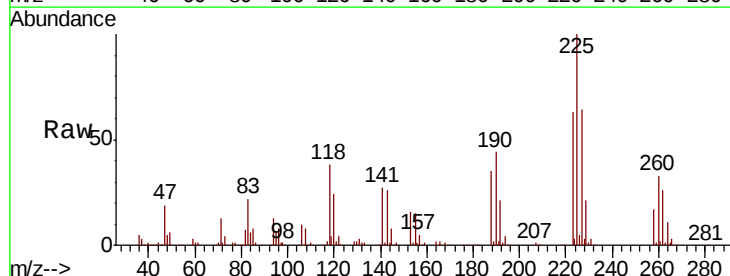
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 75.643 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055590.D
 Acq: 14 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.6	95.0
227	64.9	32.4	97.0

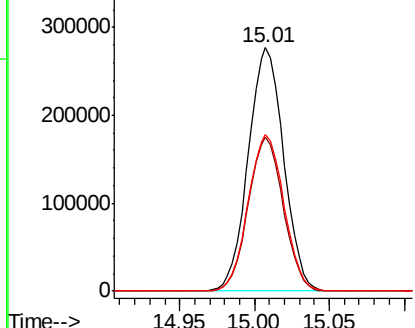
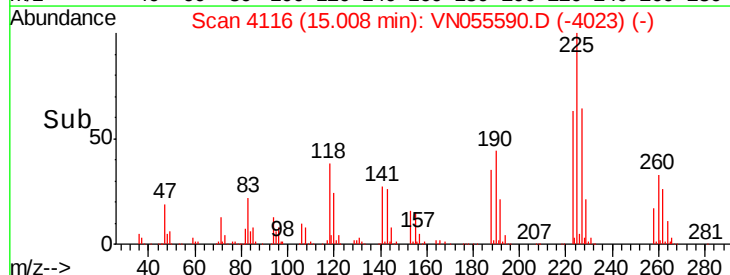


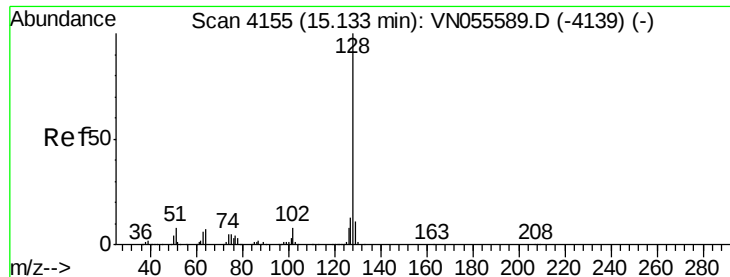
Abundance

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: 118.371 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

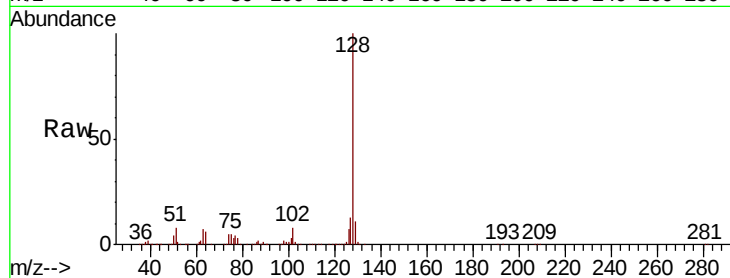
Tot Ion:128 Resp: 1967062

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

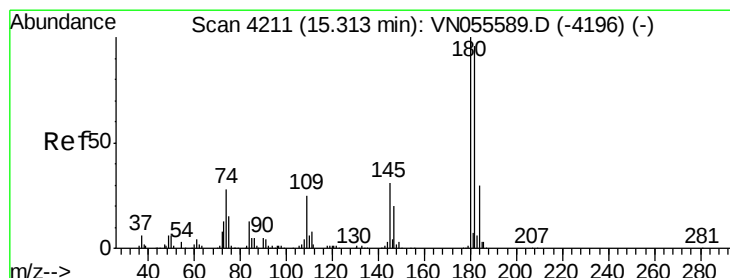
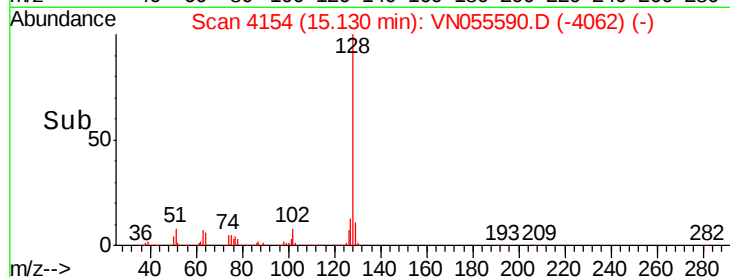
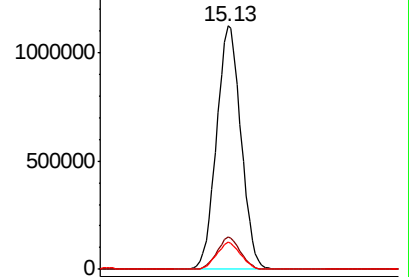
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

1500000 Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 116.573 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055590.D

Acq: 14 May 2019 13:12

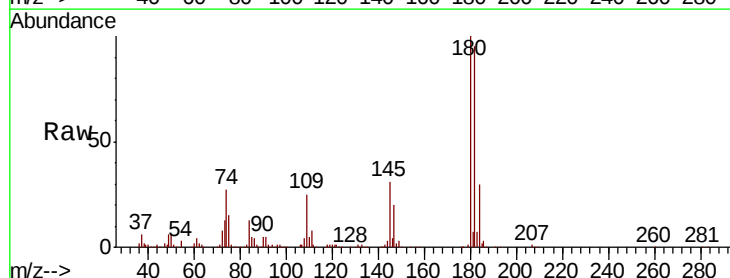
Tgt Ion:180 Resp: 777251

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.6

145 31.4 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

600000 Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

